

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112133.D
 Acq On : 18 Jan 2019 19:14
 Operator : JU/SJ
 Sample : K1011-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Manual Integrations
 APPROVED

Sohil
 1/21/2019 12:00:55 PM

Quant Time: Jan 19 00:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	276631	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1085906	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	554023	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1032143	20.00	ng	0.00
76) Chrysene-d12	14.03	240	613988	20.00	ng	0.00
87) Perylene-d12	15.50	264	596673	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1686991	110.69	ng	0.02
7) Phenol-d6	6.51	99	2006295	105.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	1520463	96.74	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	788814	131.98	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3060984	81.00	ng	0.00
79) Terphenyl-d14	12.97	244	2787901	96.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	230326	32.222	ng	# 82
3) Pyridine	3.52	79	538135	30.058	ng	97
4) n-Nitrosodimethylamine	3.45	42	298526	41.068	ng	100
6) Aniline	6.52	93	183370	7.906	ng	# 1
8) 2-Chlorophenol	6.66	128	743192	41.986	ng	98
9) Benzaldehyde	6.41	77	193924	14.849	ng	98
10) Phenol	6.52	94	709367	34.038	ng	# 77
11) bis(2-Chloroethyl)ether	6.59	93	686843	41.450	ng	98
12) 1,3-Dichlorobenzene	6.80	146	807903	39.994	ng	98
13) 1,4-Dichlorobenzene	6.87	146	821350	39.750	ng	99
14) 1,2-Dichlorobenzene	7.03	146	772008	40.561	ng	99
15) Benzyl Alcohol	7.00	79	622348	43.806	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	906515	37.936	ng	84
17) 2-Methylphenol	7.12	107	567298	42.676	ng	95
18) Hexachloroethane	7.37	117	284839	41.302	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	508063	43.735	ng	96
20) 3+4-Methylphenols	7.27	107	724502	44.950	ng	# 77
22) Acetophenone	7.26	105	1009595	40.131	ng	96
24) Nitrobenzene	7.44	77	770319	46.244	ng	97
25) Isophorone	7.68	82	1417340	46.686	ng	98
26) 2-Nitrophenol	7.76	139	404729	47.387	ng	97
27) 2,4-Dimethylphenol	7.80	122	666523	47.298	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	898571	43.149	ng	100
29) 2,4-Dichlorophenol	8.00	162	673395	43.743	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	734120	41.092	ng	98
31) Naphthalene	8.16	128	2178915	44.116	ng	99
32) Benzoic acid	7.94	122	319131m	48.758	ng	
33) 4-Chloroaniline	8.21	127	151370	6.819	ng	98
34) Hexachlorobutadiene	8.28	225	394984	39.729	ng	97
35) Caprolactam	8.58	113	171217m	31.778	ng	
36) 4-Chloro-3-methylphenol	8.71	107	679752	45.210	ng	97
37) 2-Methylnaphthalene	8.86	142	1587677	47.339	ng	99
38) 1-Methylnaphthalene	8.96	142	1496271	46.422	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	741039	41.654	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112133.D
 Acq On : 18 Jan 2019 19:14
 Operator : JU/SJ
 Sample : K1011-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

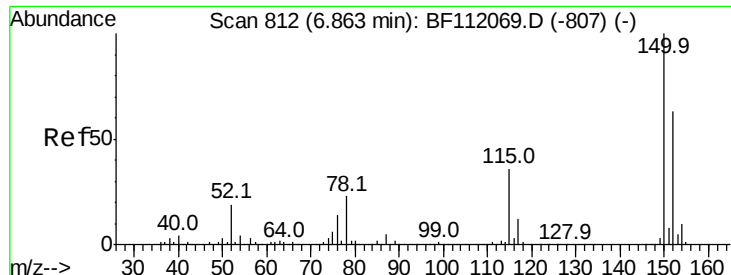
Manual Integrations
 APPROVED

Sohil
 1/21/2019 12:00:55 PM

Quant Time: Jan 19 00:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	303677	46.384	nq	97
43) 2,4,6-Trichlorophenol	9.14	196	492672	46.292	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	534924	47.192	nq	99
46) 1,1'-Biphenyl	9.32	154	1928693	41.633	nq	99
47) 2-Chloronaphthalene	9.35	162	1508970	41.613	nq	98
48) 2-Nitroaniline	9.44	65	417895	51.163	nq	93
49) Acenaphthylene	9.76	152	2368966	44.768	nq	100
50) Dimethylphthalate	9.62	163	1841534	45.578	nq	100
51) 2,6-Dinitrotoluene	9.68	165	416530	51.622	nq	92
52) Acenaphthene	9.93	154	1383053	42.717	nq	100
53) 3-Nitroaniline	9.85	138	105750	11.720	nq	96
54) 2,4-Dinitrophenol	9.96	184	201279	77.678	nq	96
55) Dibenzofuran	10.10	168	2094219	42.772	nq	96
56) 4-Nitrophenol	10.03	139	497521	77.349	nq	97
57) 2,4-Dinitrotoluene	10.09	165	533671	51.187	nq	# 85
58) Fluorene	10.45	166	1626625	44.465	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	439637	51.399	nq	99
60) Diethylphthalate	10.32	149	1817544	46.084	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	813109	41.190	nq	94
62) 4-Nitroaniline	10.47	138	353102	39.410	nq	93
63) Azobenzene	10.60	77	1580555	41.848	nq	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	159842	39.411	nq	92
66) n-Nitrosodiphenylamine	10.56	169	1514624	44.389	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	527228	43.977	nq	92
68) Hexachlorobenzene	11.00	284	541717	41.947	nq	96
69) Atrazine	11.09	200	515402	46.809	nq	99
70) Pentachlorophenol	11.20	266	490541	79.077	nq	99
71) Phenanthrene	11.41	178	2269912	43.700	nq	100
72) Anthracene	11.46	178	2323364	44.155	nq	99
73) Carbazole	11.62	167	2069380	39.259	nq	98
74) Di-n-butylphthalate	11.94	149	2706932	45.654	nq	99
75) Fluoranthene	12.60	202	2101519	38.319	nq	99
77) Benzdine	12.71	184	443192	21.634	nq	95
78) Pyrene	12.83	202	2055218	50.736	nq	100
80) Butylbenzylphthalate	13.43	149	1007823	56.711	nq	91
81) Benzo(a)anthracene	14.02	228	1594251	45.286	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	292900	22.216	nq	99
83) Chrysene	14.05	228	1509989	45.330	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1399099	54.933	nq	100
85) Di-n-octyl phthalate	14.61	149	2056841	52.414	nq	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1386799	45.125	nq	98
88) Benzo(b)fluoranthene	15.07	252	1525304	45.035	nq	99
89) Benzo(k)fluoranthene	15.10	252	1506447	45.954	nq	99
90) Benzo(a)pyrene	15.44	252	1442460	46.440	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1183325	42.894	nq	99
92) Benzo(g,h,i)perylene	17.43	276	1085578	39.943	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

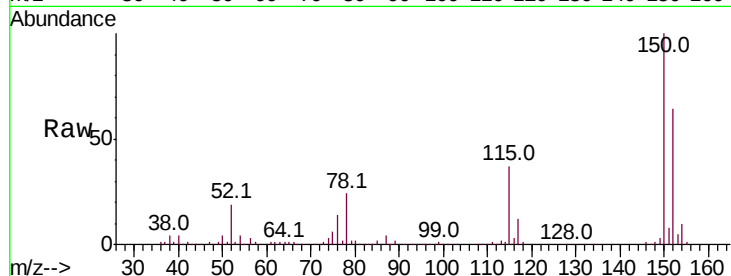
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.4	191.0
115	57.9	45.5	68.3

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM

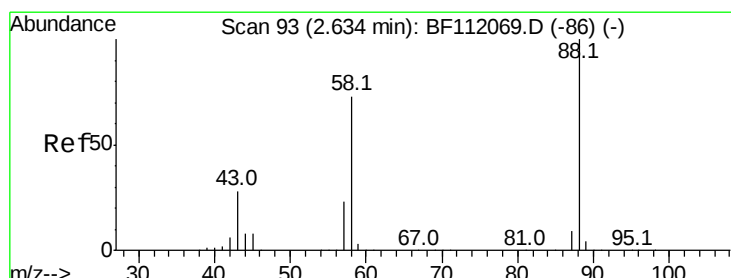
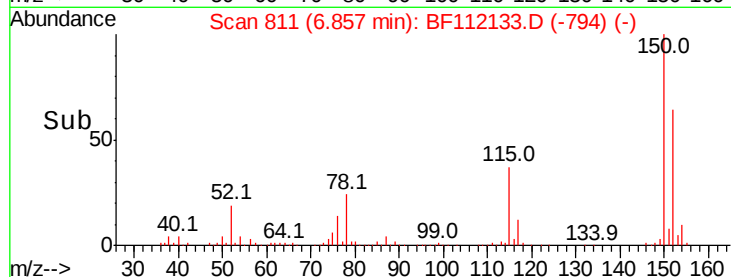
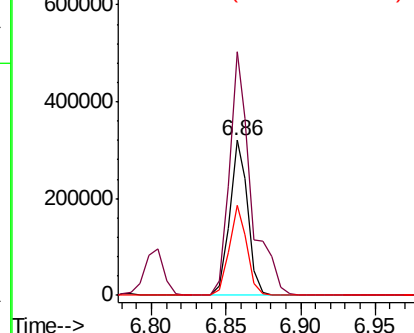


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

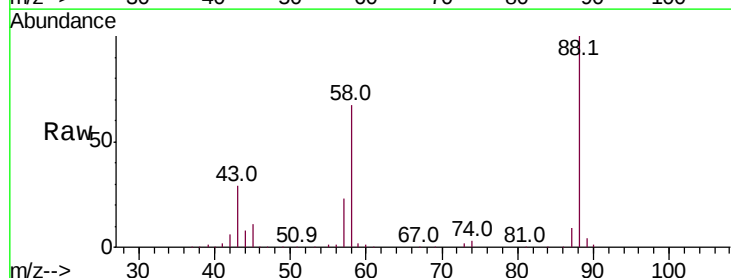
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.222 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.16 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	57.4	86.2
43	0.0	22.2	33.4#

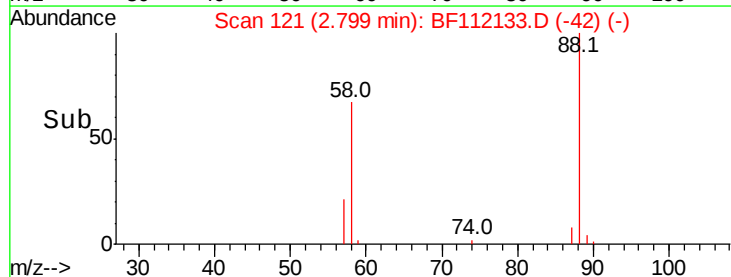
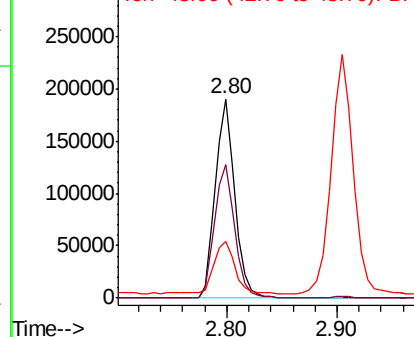


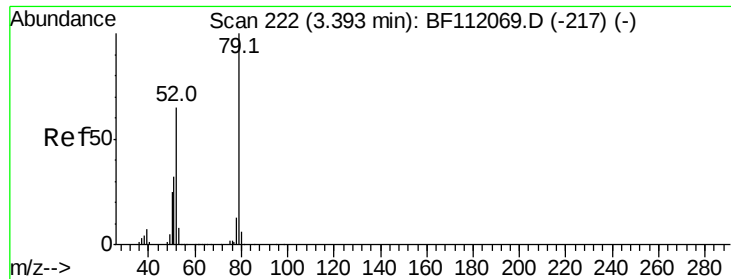
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.058 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.13 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

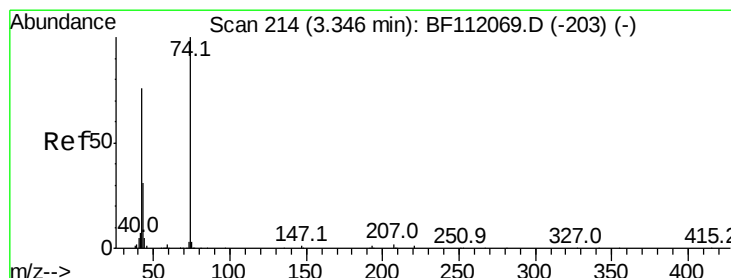
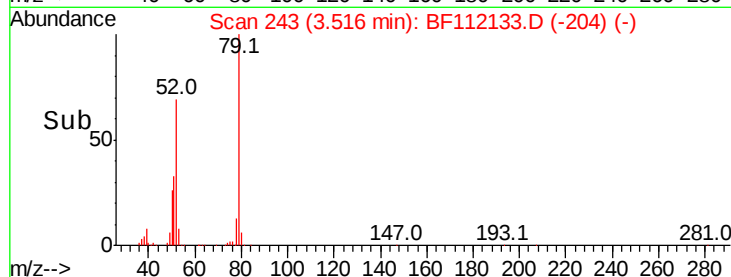
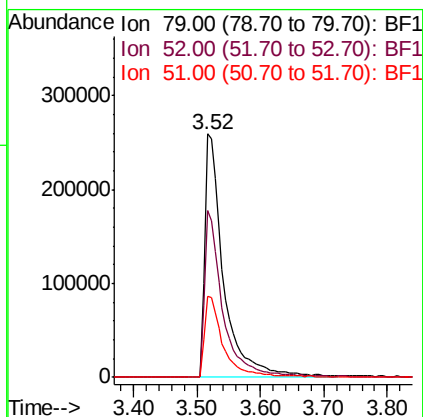
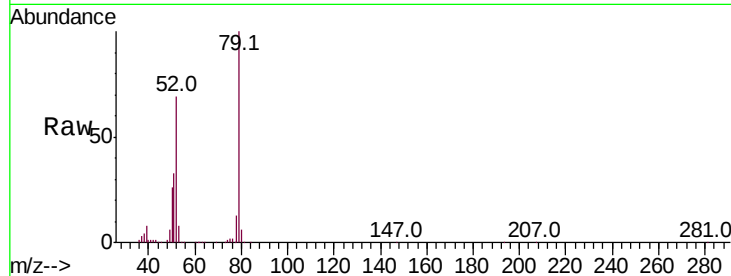
ClientSampleId :

OR-03-011719-AMS

Tot Ion:	79	Resp:	538135
Ion Ratio	Lower	Upper	
79	100		
52	68.6	52.4	78.6
51	33.2	26.1	39.1

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



#4

n-Nitrosodimethylamine

Concen: 41.068 ng

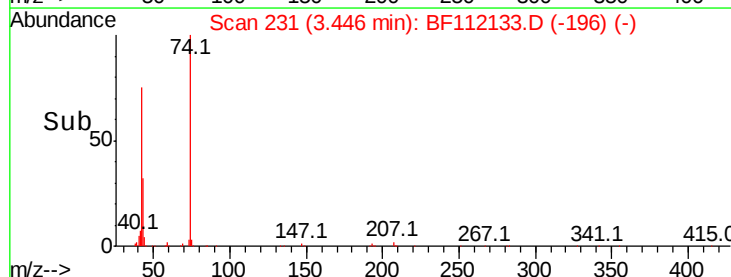
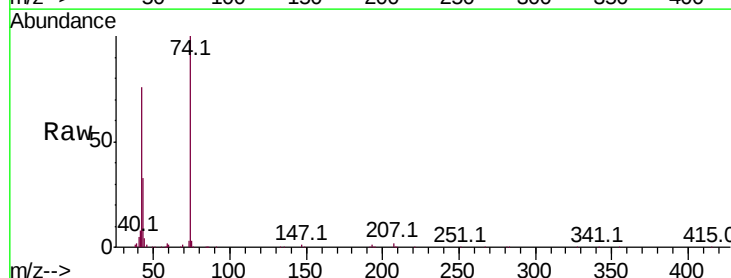
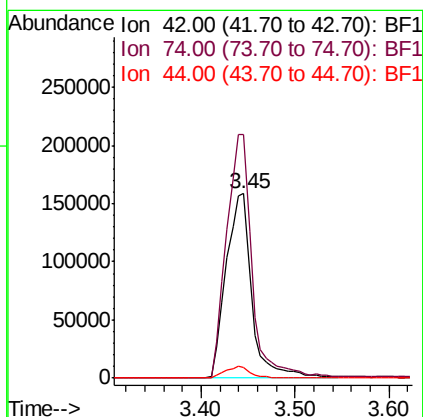
RT: 3.45 min Scan# 231

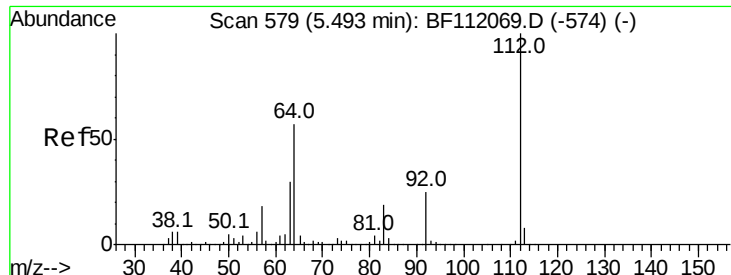
Delta R.T. 0.11 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion:	42	Resp:	298526
Ion Ratio	Lower	Upper	
42	100		
74	132.1	105.6	158.4
44	5.8	5.4	8.2





#5

2-Fluorophenol

Concen: 110.687 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tot Ion: 112 Resp: 1686991

Ion Ratio Lower Upper

112 100

64 55.6 45.7 68.5

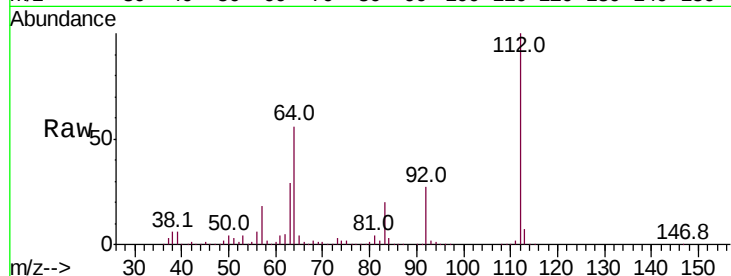
63 29.4 23.6 35.4

Manual Integrations

APPROVED

Sohil

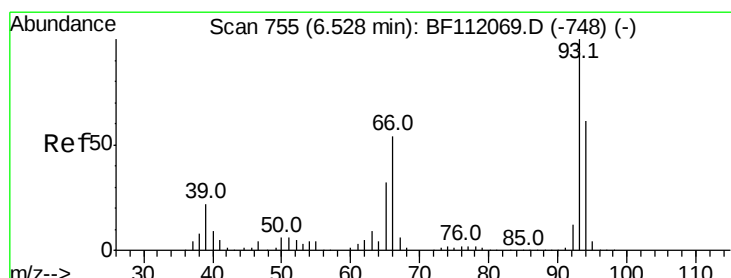
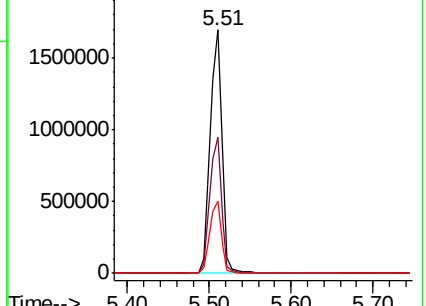
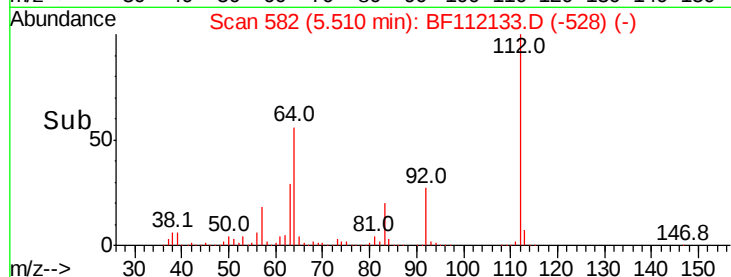
1/21/2019 12:00:55 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.906 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

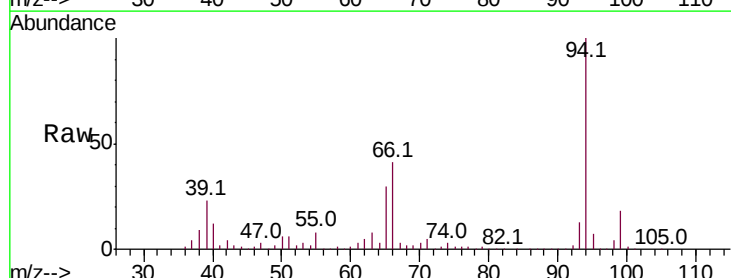
Tgt Ion: 93 Resp: 183370

Ion Ratio Lower Upper

93 100

66 317.7 43.4 65.2#

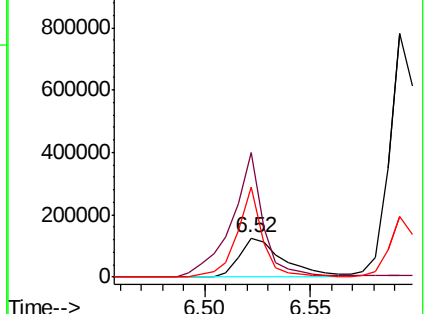
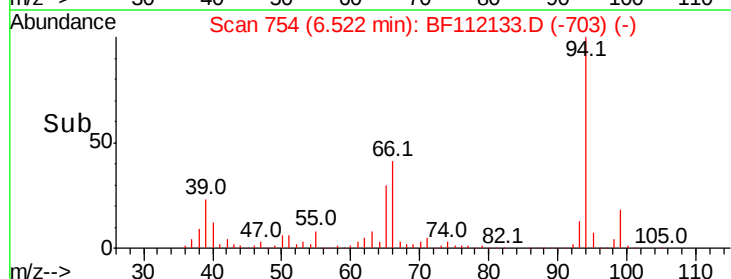
65 229.4 25.3 37.9#

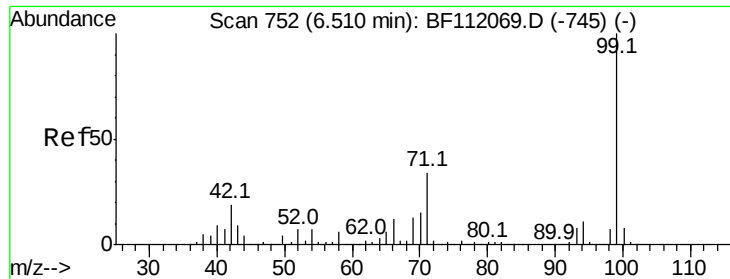


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.213 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tot Ion: 99 Resp: 2006295

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

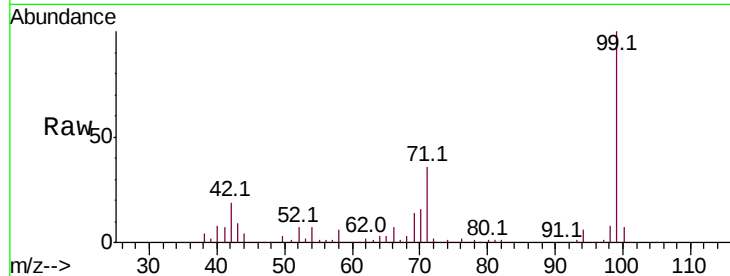
71 35.6 26.9 40.3

Manual Integrations

APPROVED

Sohil

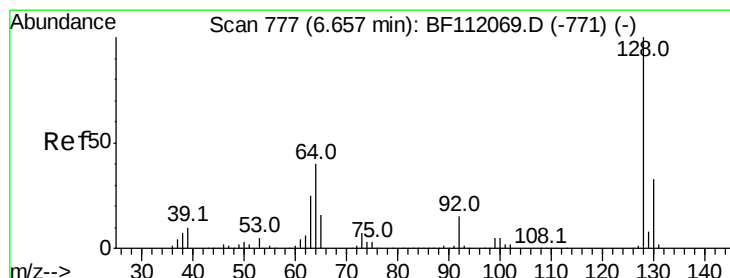
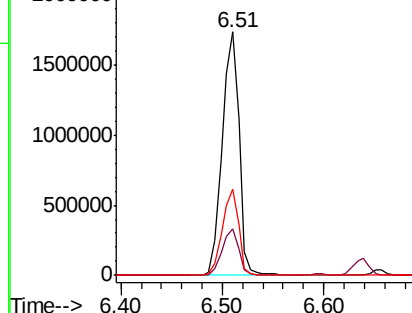
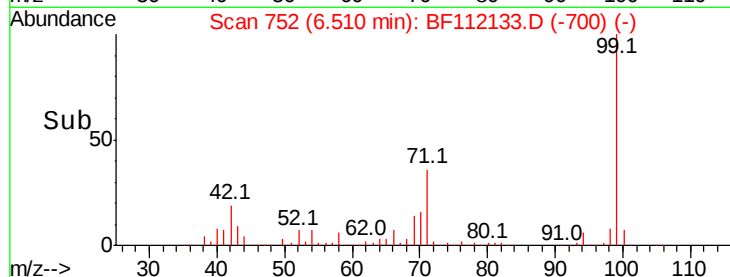
1/21/2019 12:00:55 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.986 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

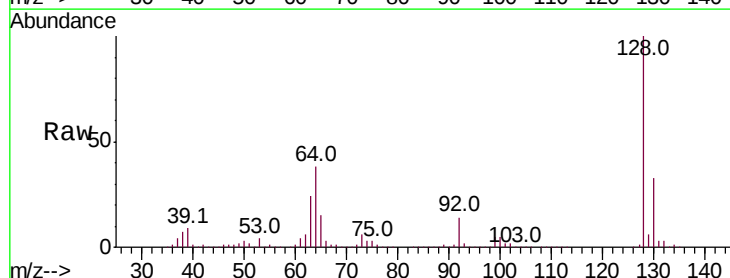
Tgt Ion:128 Resp: 743192

Ion Ratio Lower Upper

128 100

130 33.3 13.4 53.4

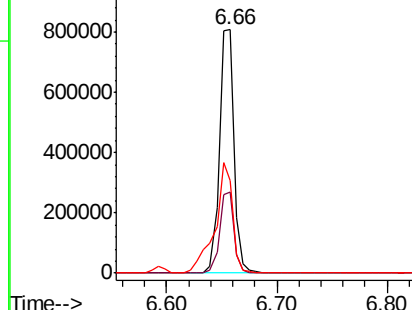
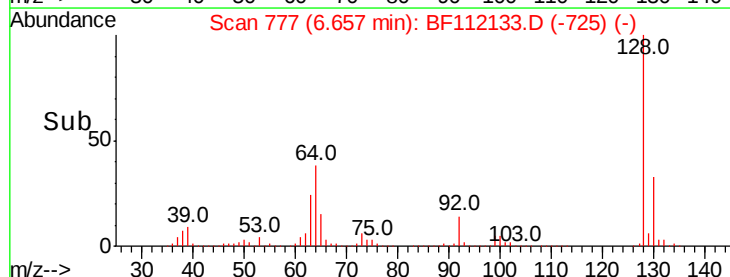
64 37.8 20.5 60.5

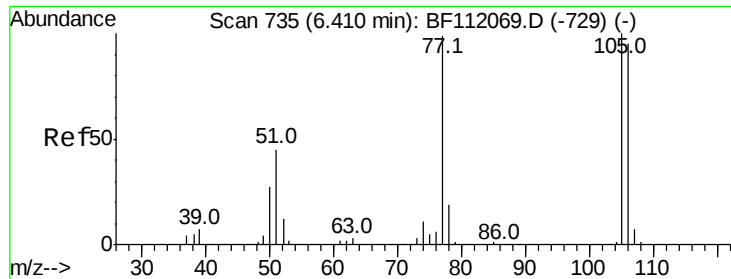


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





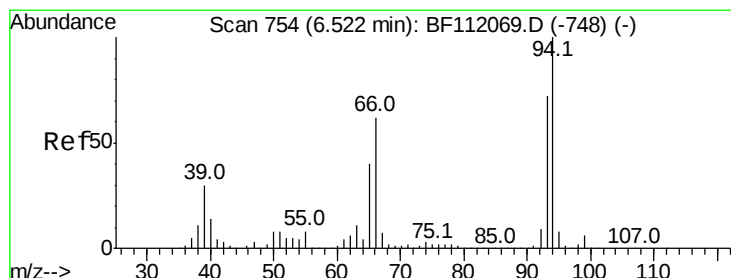
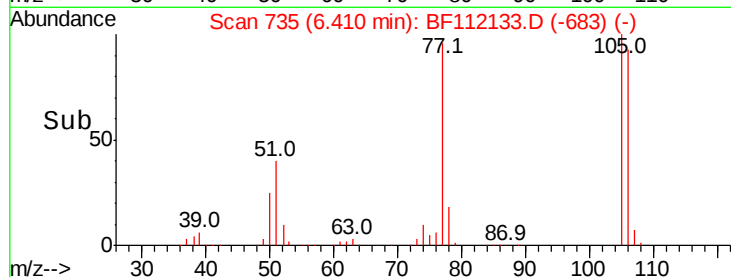
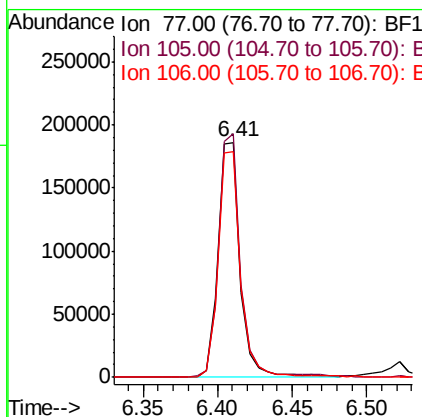
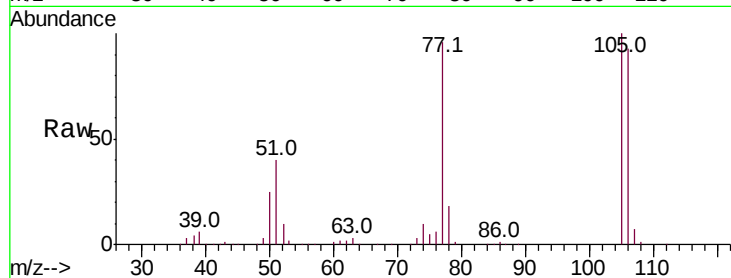
#9
Benzaldehyde
Concen: 14.849 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.8	80.8	120.8
106	96.4	75.7	115.7

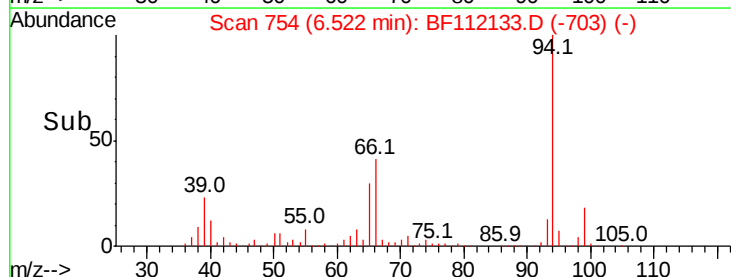
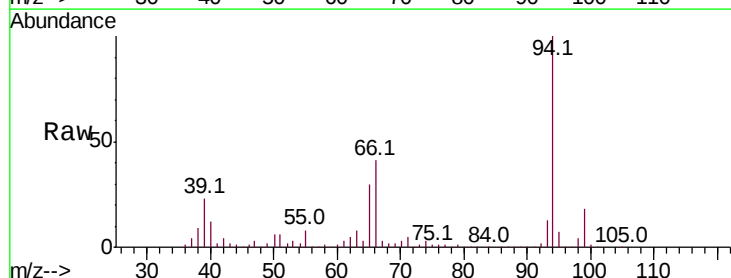
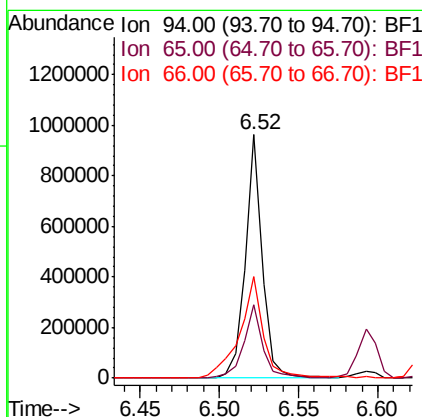
Manual Integrations
APPROVED

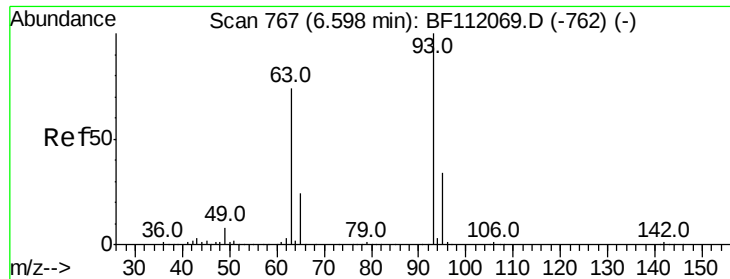
Sohil
1/21/2019 12:00:55 PM



#10
Phenol
Concen: 34.038 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	20.3	60.3
66	41.5	42.4	82.4#





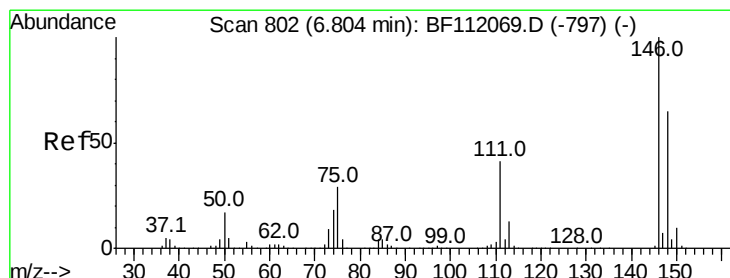
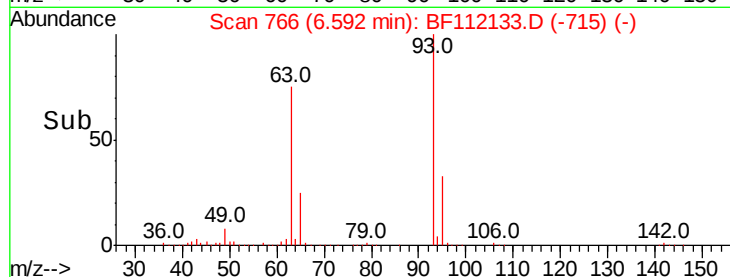
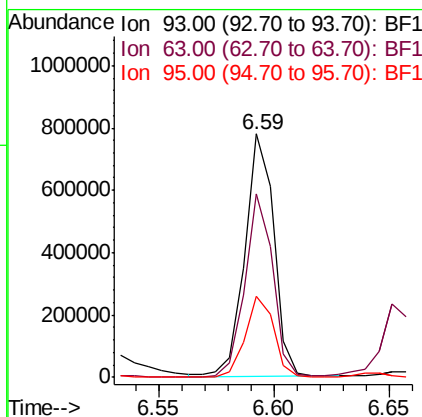
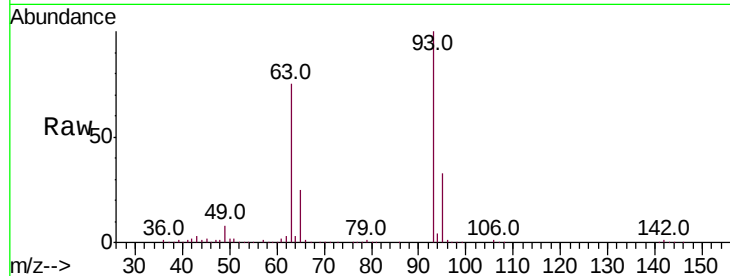
#11
bis(2-Chloroethyl)ether
Concen: 41.450 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	686843		
63	75.2	53.3	93.3	
95	33.4	13.4	53.4	

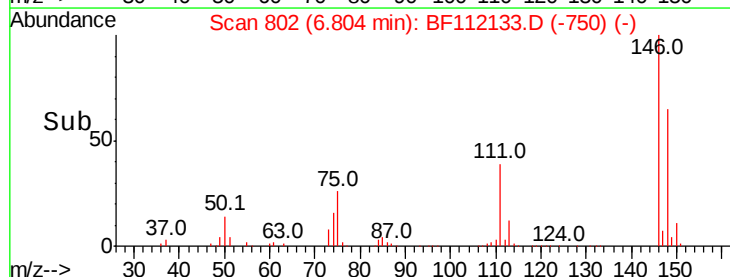
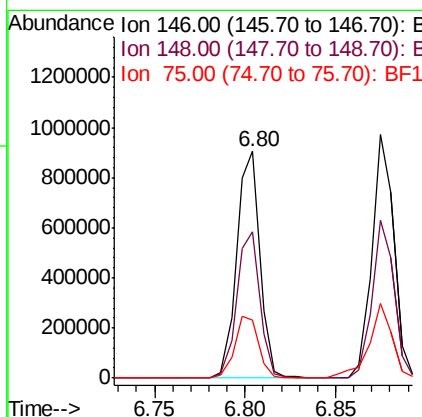
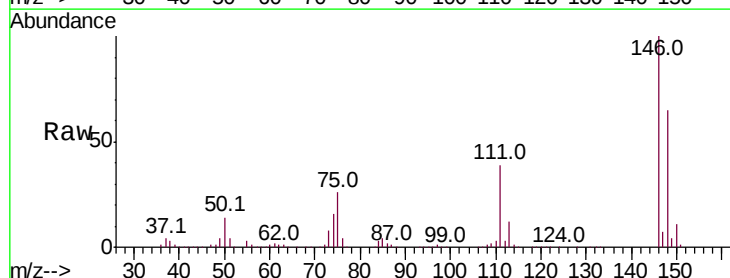
Manual Integrations
APPROVED

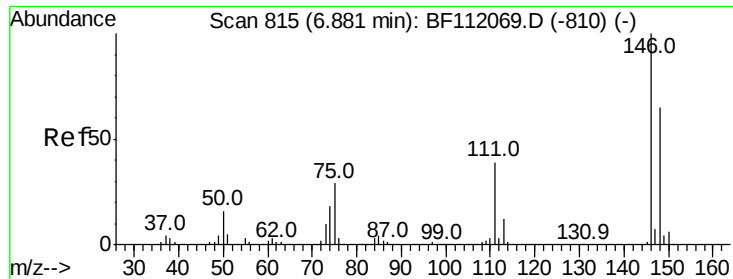
Sohil
1/21/2019 12:00:55 PM



#12
1,3-Dichlorobenzene
Concen: 39.994 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	807903		
148	64.7	51.8	77.8	
75	25.8	23.1	34.7	





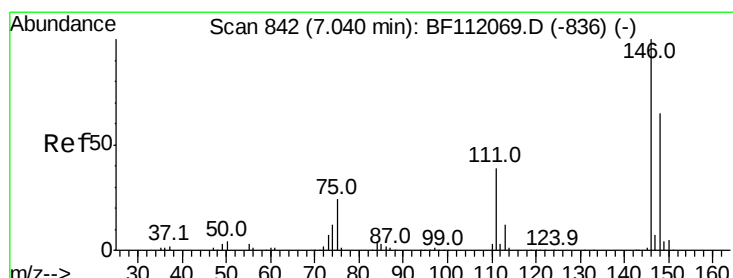
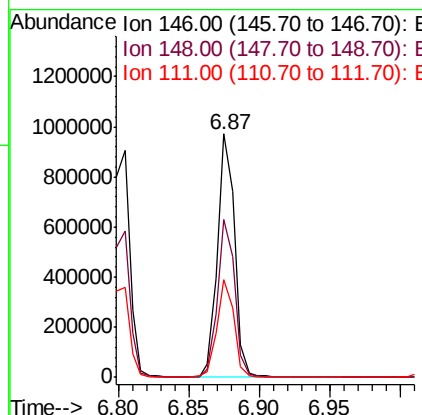
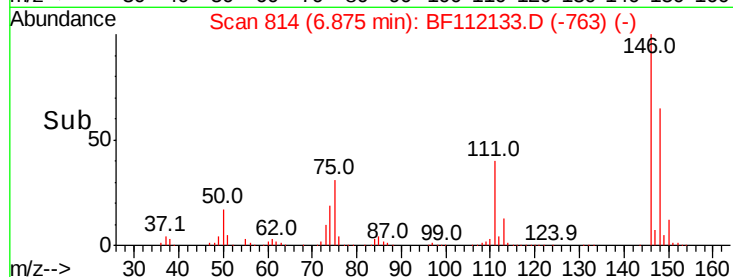
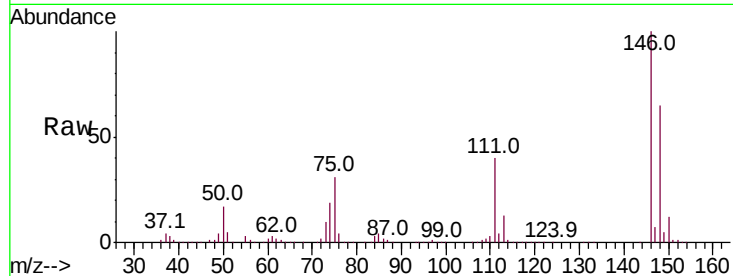
#13
 1,4-Dichlorobenzene
 Concen: 39.750 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	40.3	31.2	46.8

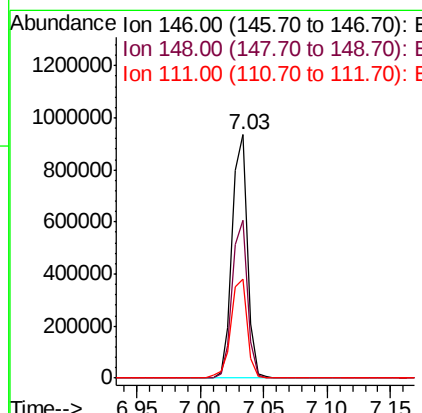
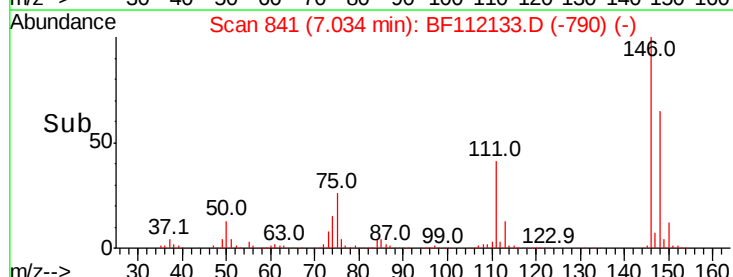
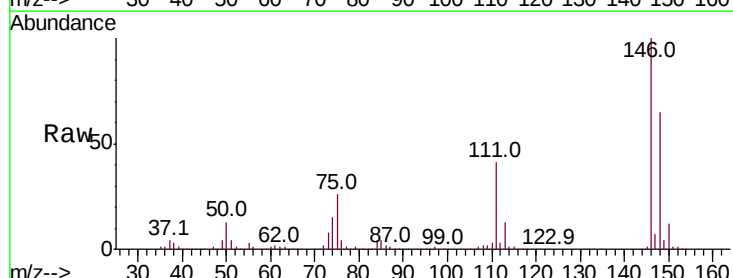
Manual Integrations
 APPROVED

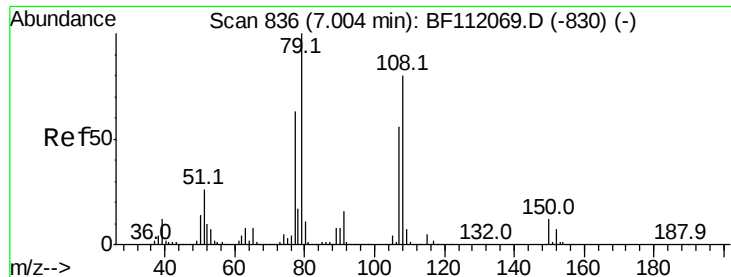
Sohil
 1/21/2019 12:00:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.561 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	40.7	31.2	46.8





#15

Benzyl Alcohol

Concen: 43.806 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

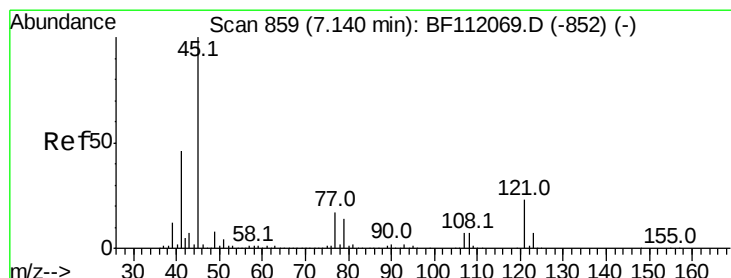
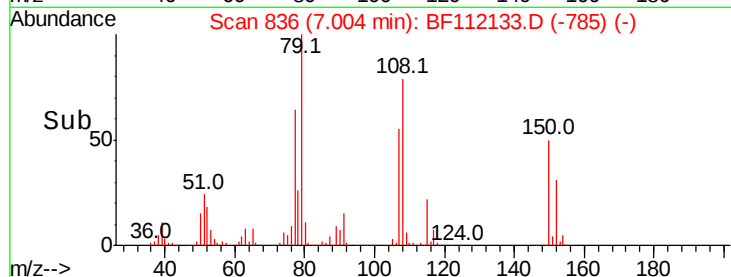
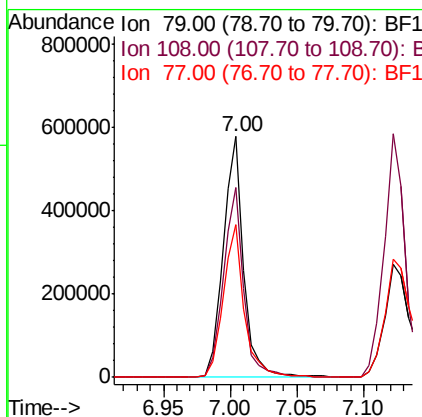
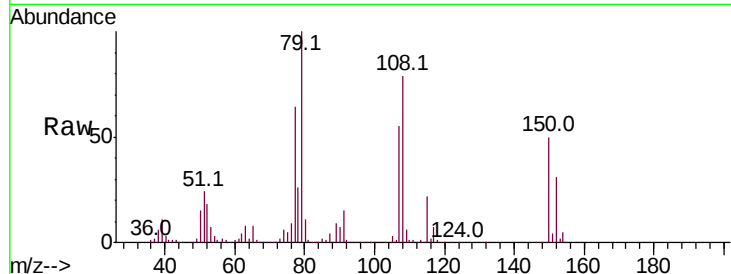
ClientSampleId :

OR-03-011719-AMS

Tot Ion:	79	Resp:	622348
Ion Ratio	Lower	Upper	
79	100		
108	79.0	64.2	96.2
77	63.7	50.3	75.5

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.936 ng

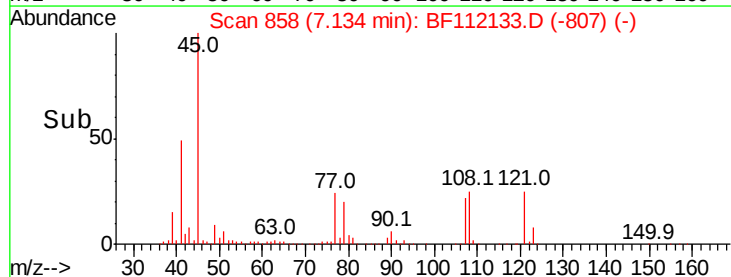
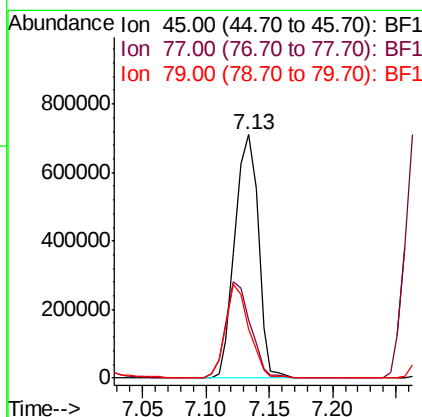
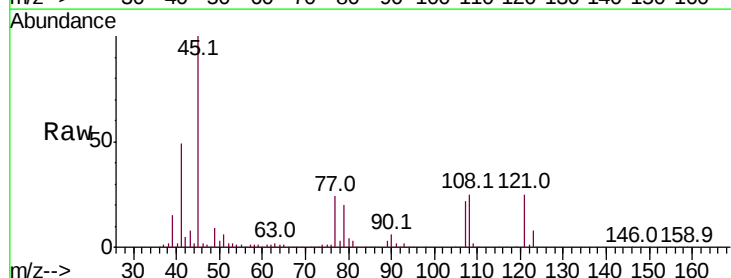
RT: 7.13 min Scan# 858

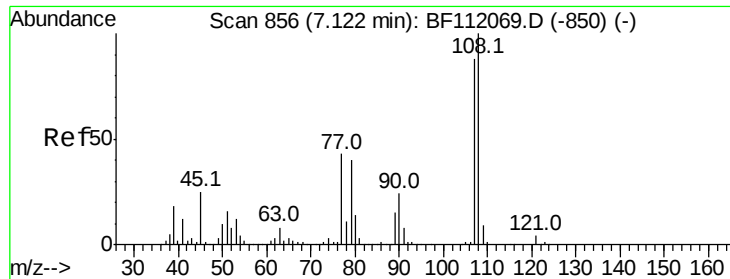
Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion:	45	Resp:	906515
Ion Ratio	Lower	Upper	
45	100		
77	23.9	0.0	36.9
79	20.2	0.0	34.0





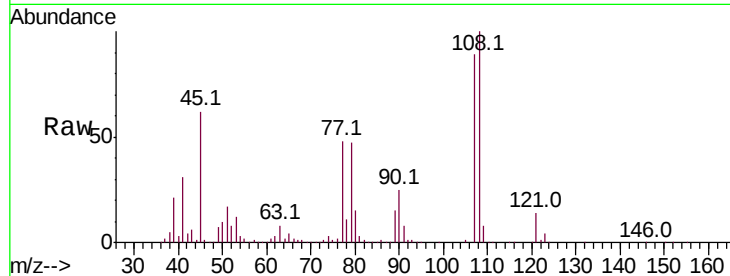
#17
2-Methylphenol
Concen: 42.676 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	107	Resp	567298
Ion Ratio	Lower	Upper	
107	100		
108	112.0	91.3	136.9
77	54.2	39.0	58.6
79	52.2	37.0	55.4

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



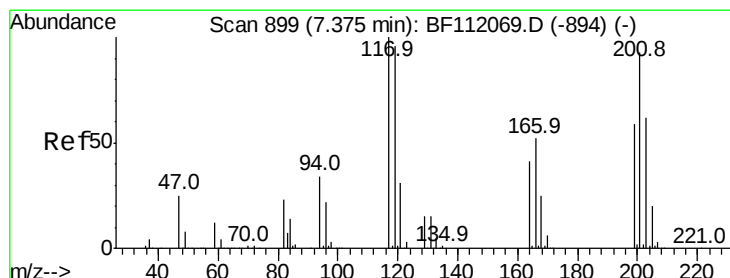
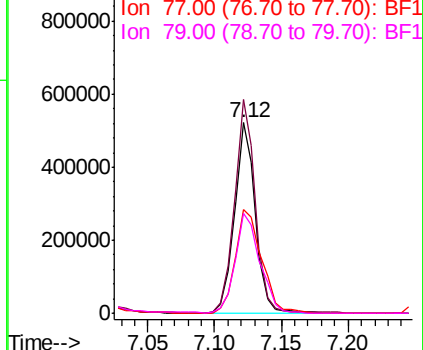
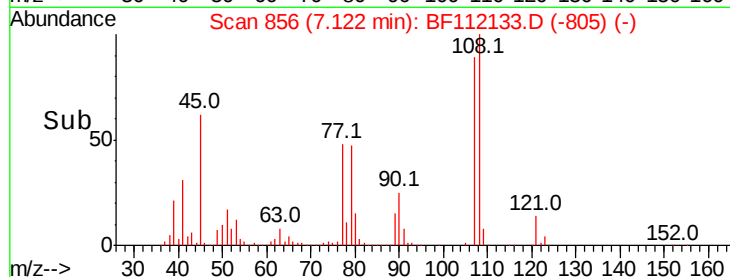
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

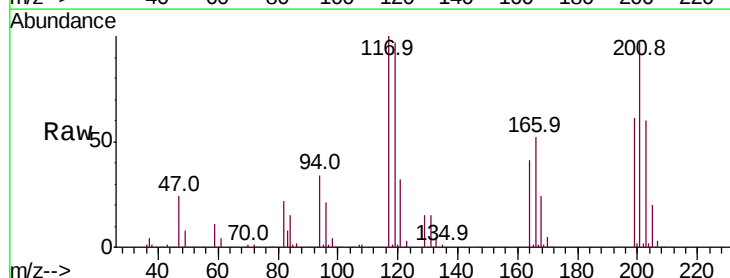
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.302 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	117	Resp	284839
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.0	115.4
201	97.4	74.1	111.1

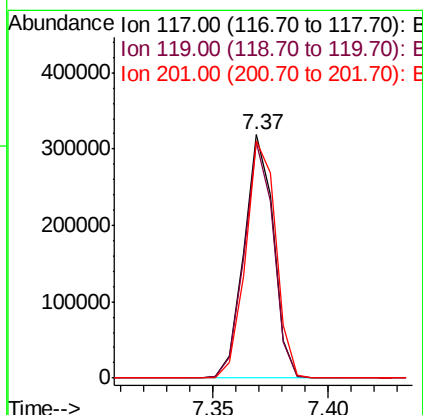
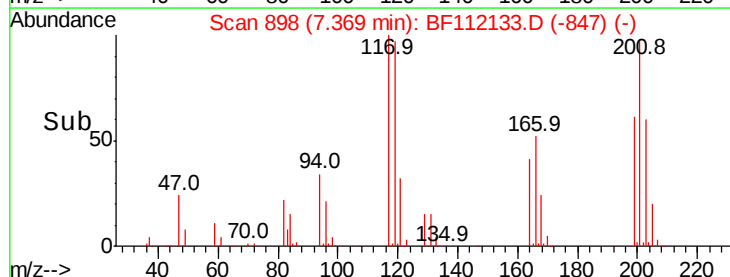


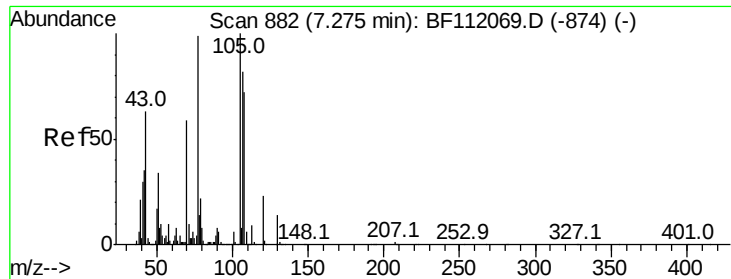
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





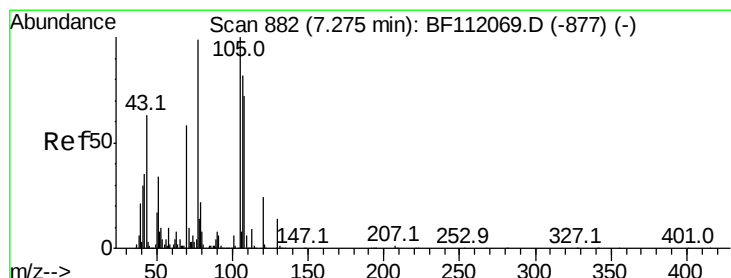
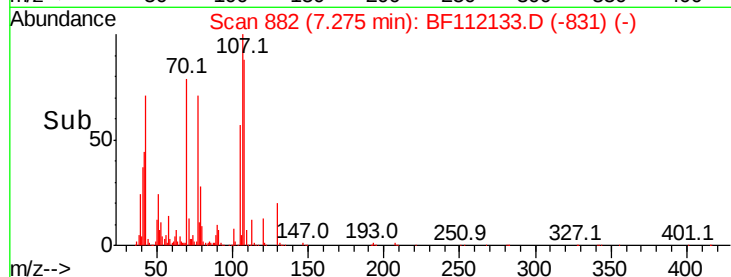
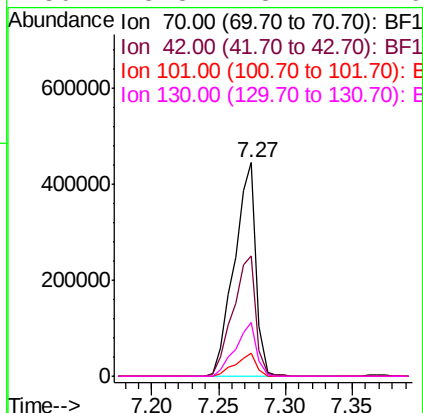
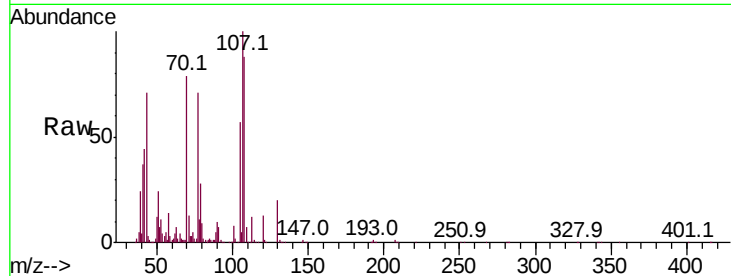
#19
n-Nitroso-di-n-propylamine
Concen: 43.735 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	47.6	71.4	
101	10.7	7.9	11.9	
130	25.3	18.4	27.6	

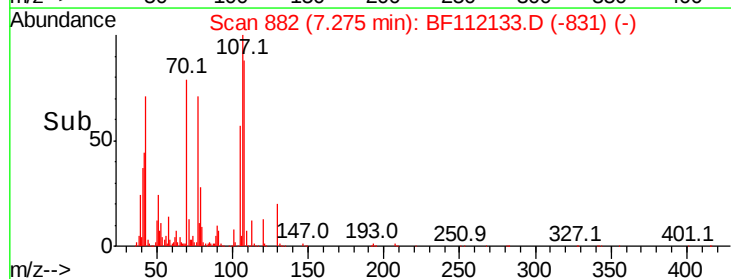
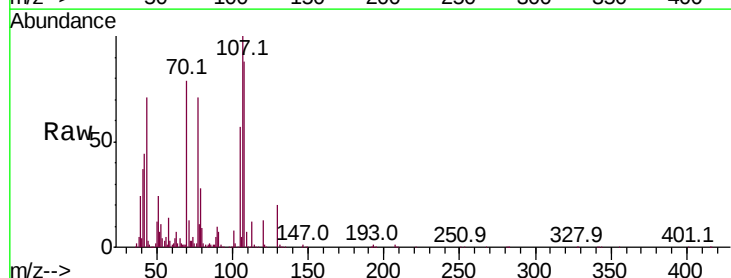
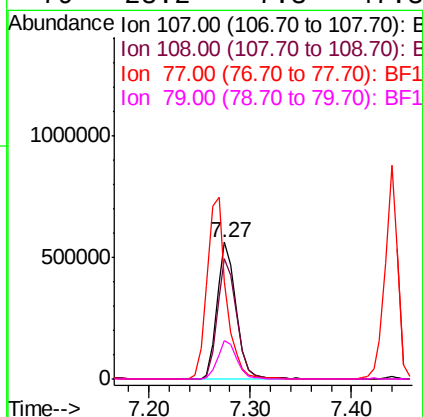
Manual Integrations
APPROVED

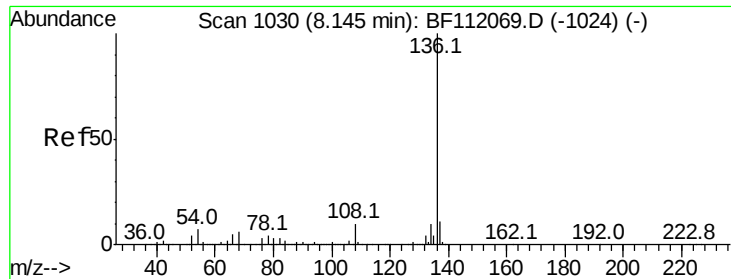
Sohil
1/21/2019 12:00:55 PM



#20
3+4-Methylphenols
Concen: 44.950 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	68.2	108.2	
77	70.8	100.7	140.7#	
79	28.2	7.3	47.3	





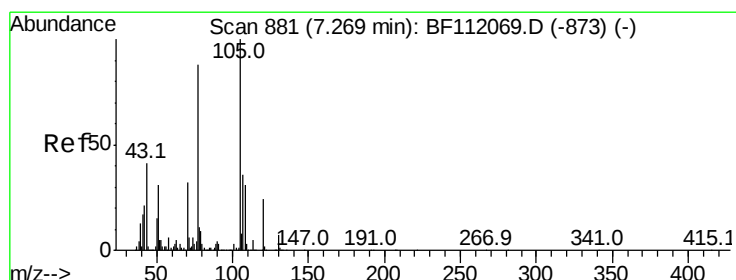
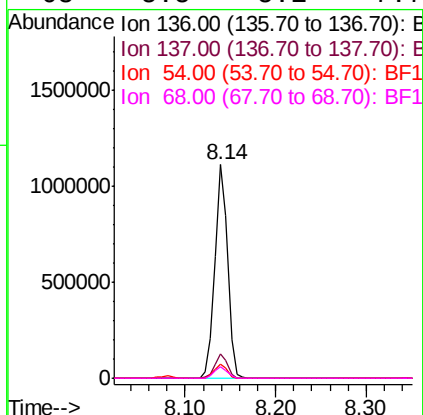
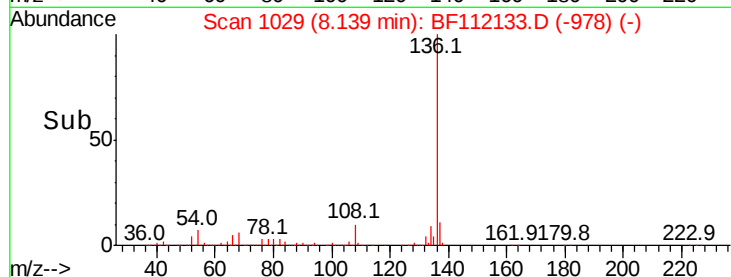
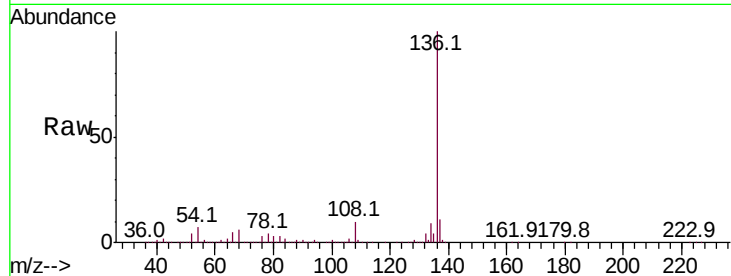
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	5.9	8.9
68	5.5	5.1	7.7

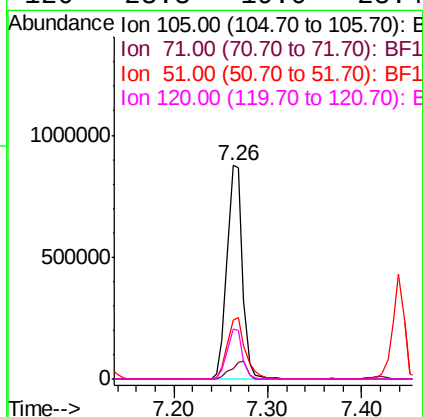
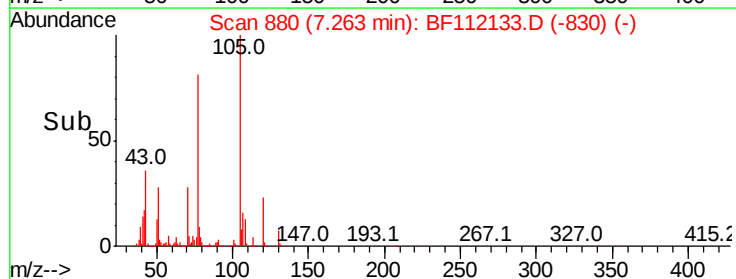
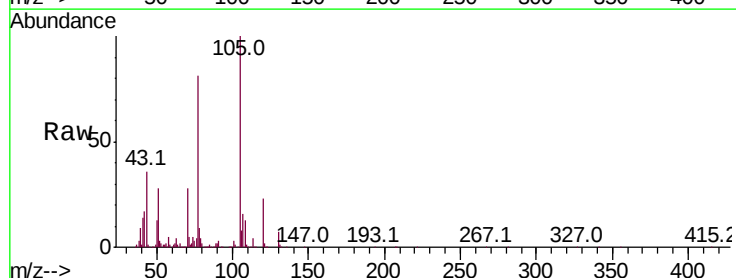
Manual Integrations
APPROVED

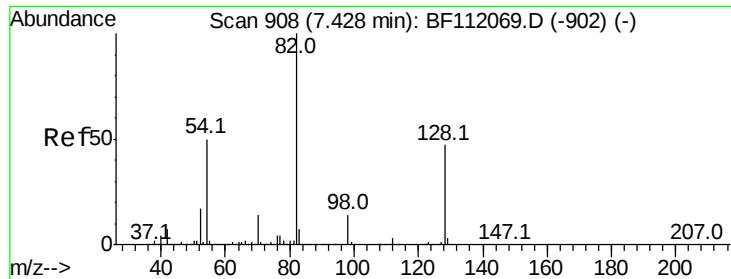
Sohil
1/21/2019 12:00:55 PM



#22
Acetophenone
Concen: 40.131 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.6	6.8
51	27.5	25.0	37.6
120	23.3	19.0	28.4





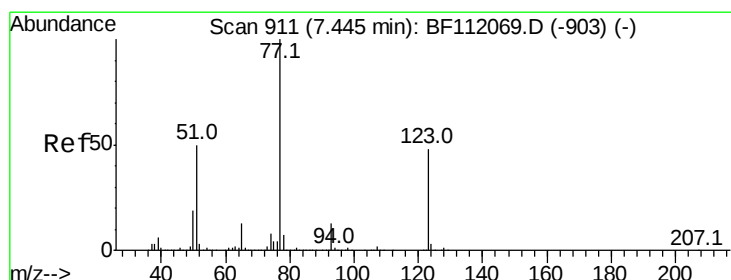
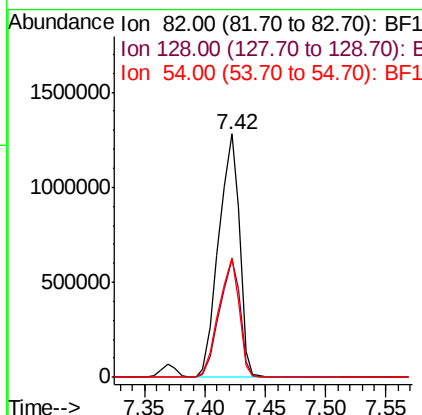
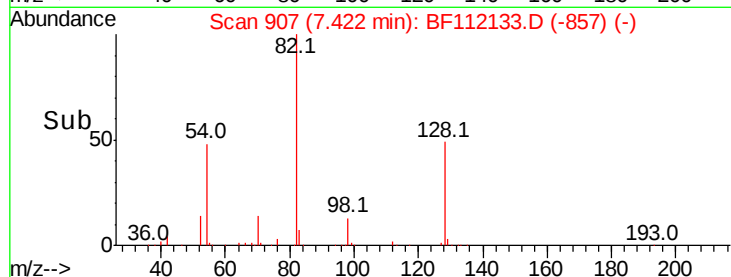
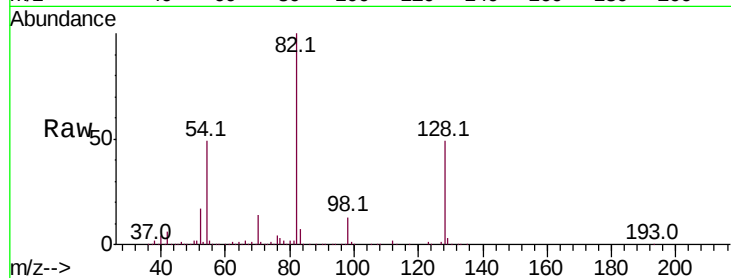
#23
Nitrobenzene-d5
Concen: 96.737 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion: 82 Resp: 1520463
Ion Ratio Lower Upper
82 100
128 48.5 37.8 56.8
54 48.8 39.7 59.5

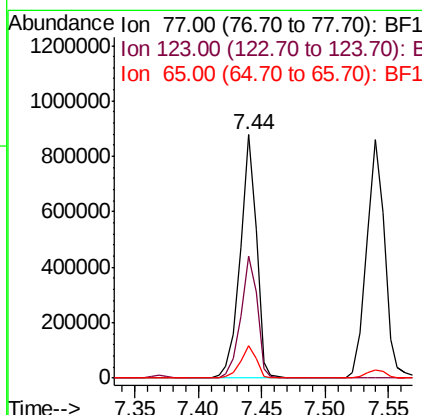
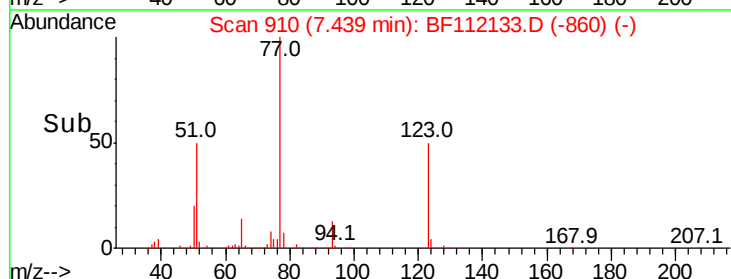
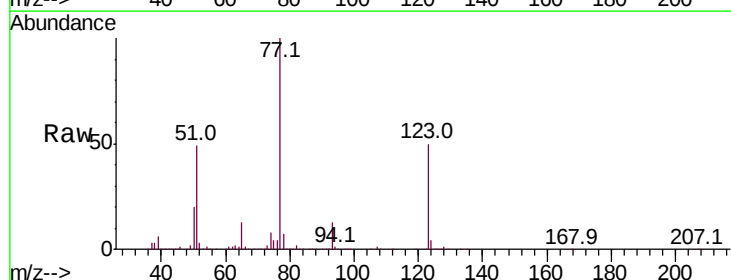
Manual Integrations
APPROVED

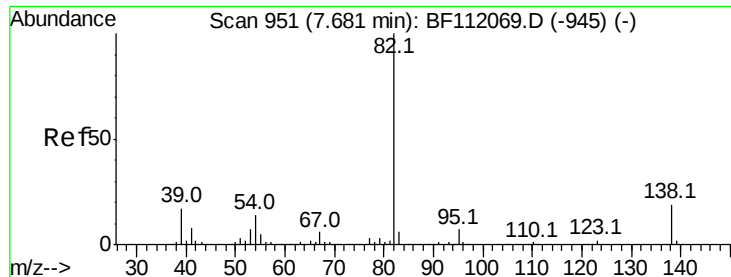
Sohil
1/21/2019 12:00:55 PM



#24
Nitrobenzene
Concen: 46.244 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion: 77 Resp: 770319
Ion Ratio Lower Upper
77 100
123 50.2 38.4 57.6
65 13.5 10.6 15.8





#25

Isophorone

Concen: 46.686 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tot Ion: 82 Resp: 1417340

Ion Ratio Lower Upper

82 100

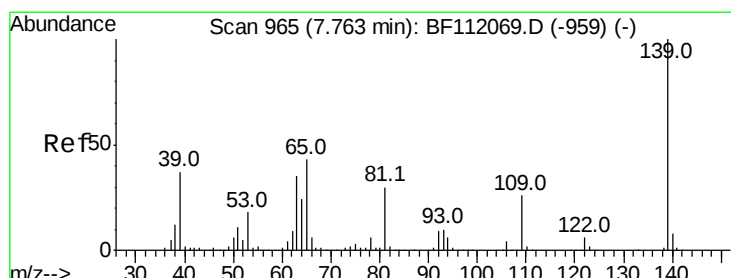
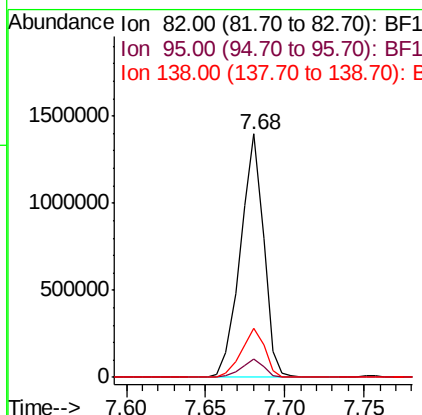
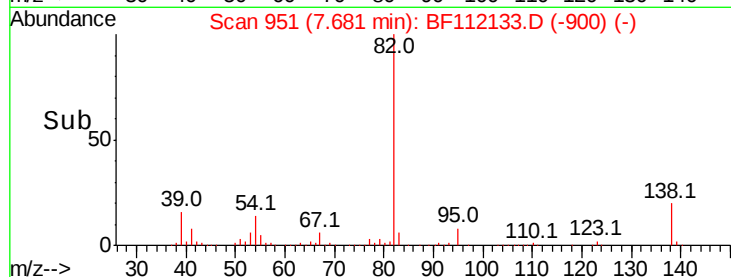
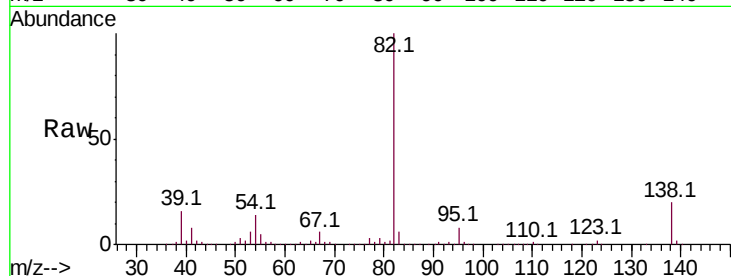
95 7.6 5.7 8.5

138 20.1 15.4 23.0

Manual Integrations
APPROVED

Sohil

1/21/2019 12:00:55 PM



#26

2-Nitrophenol

Concen: 47.387 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

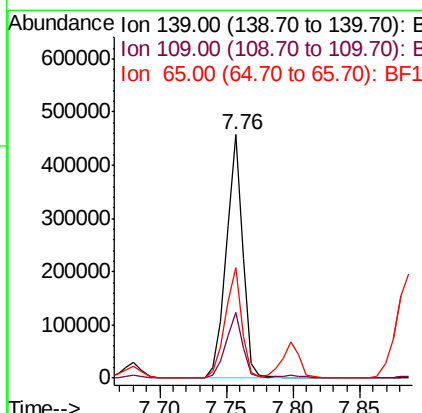
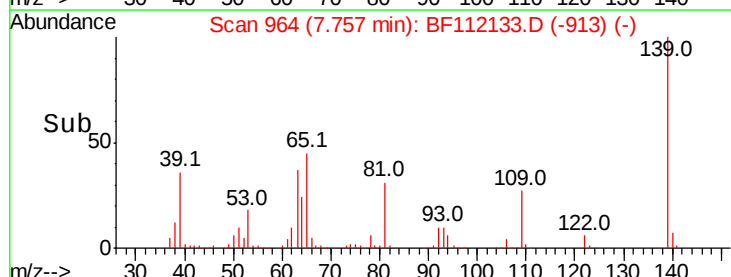
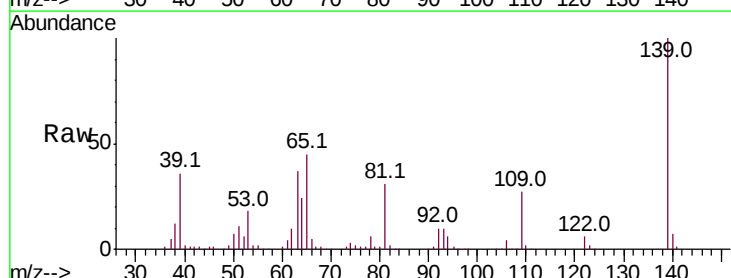
Tgt Ion: 139 Resp: 404729

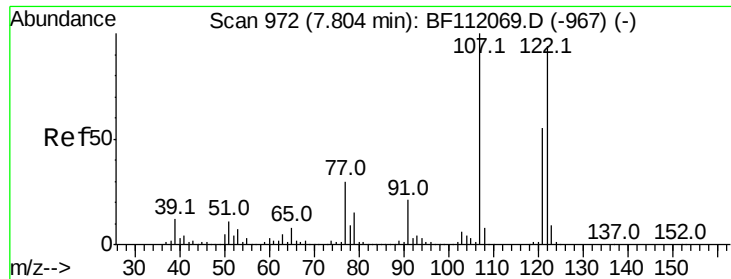
Ion Ratio Lower Upper

139 100

109 27.2 20.8 31.2

65 45.3 34.4 51.6





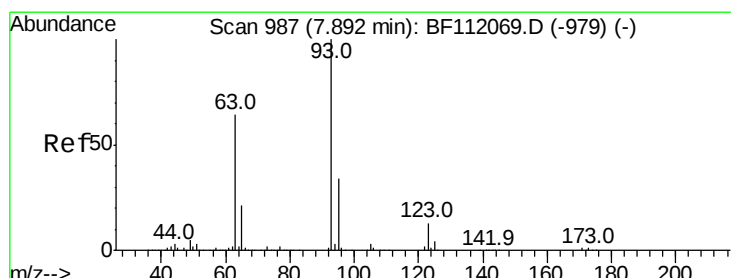
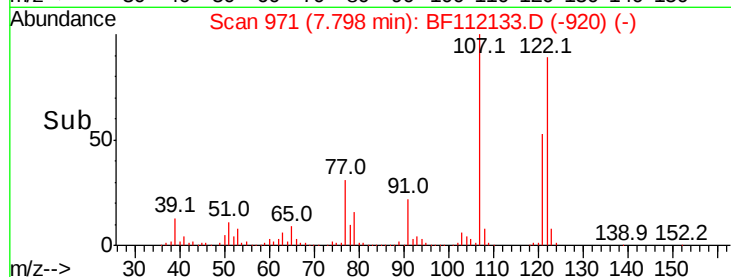
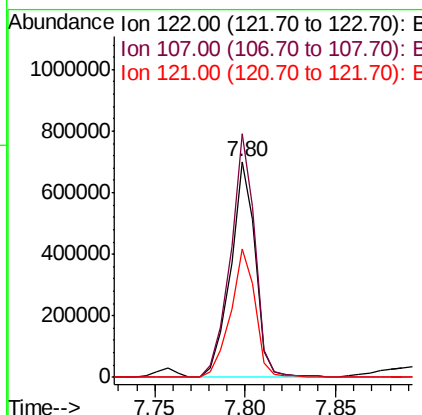
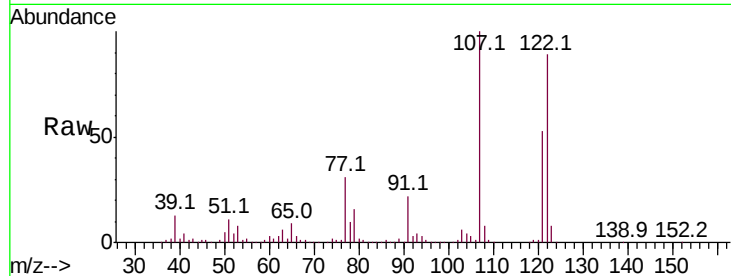
#27
2,4-Dimethylphenol
Concen: 47.298 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	666523		
107	112.7	85.4	128.0	
121	59.6	47.0	70.4	

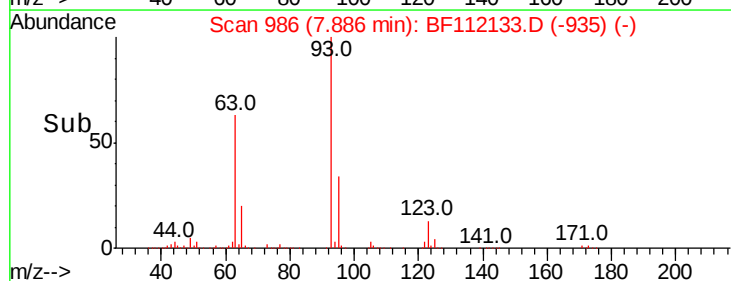
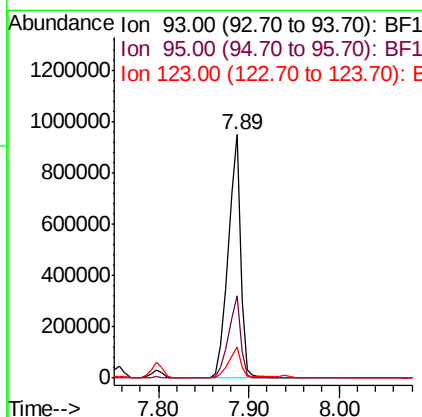
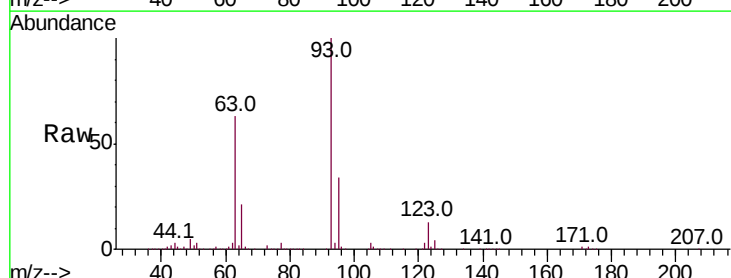
Manual Integrations
APPROVED

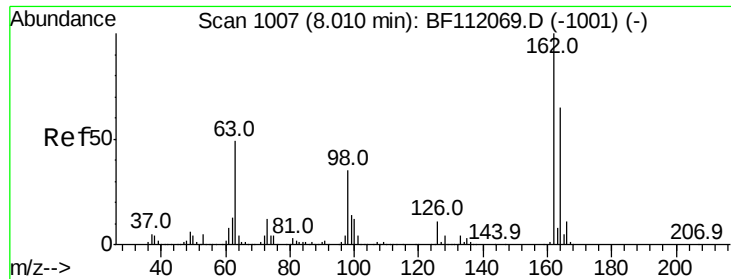
Sohil
1/21/2019 12:00:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.149 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	898571		
95	33.8	26.8	40.2	
123	12.8	10.2	15.2	





#29

2,4-Dichlorophenol

Concen: 43.743 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

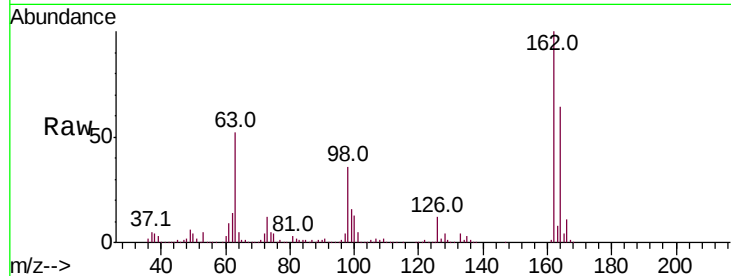
ClientSampleId :

OR-03-011719-AMS

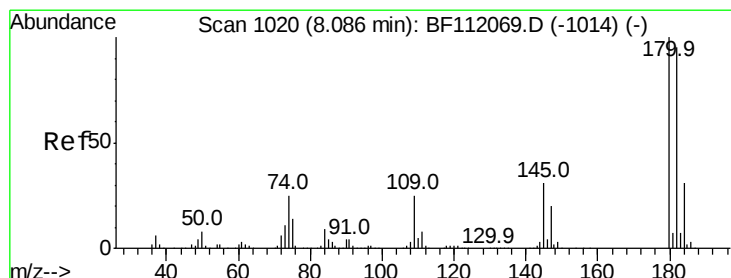
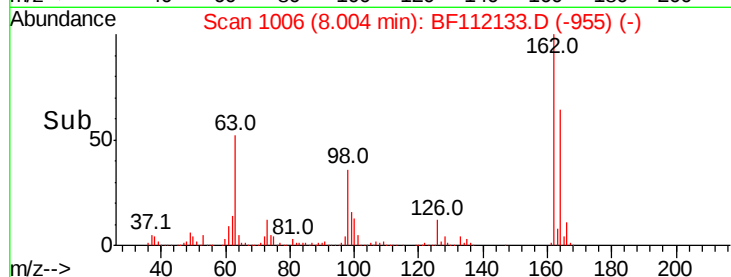
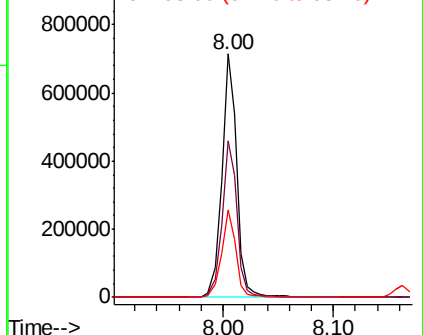
Tot Ion:	162	Resp:	673395
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.6	84.6
98	36.2	14.6	54.6

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.092 ng

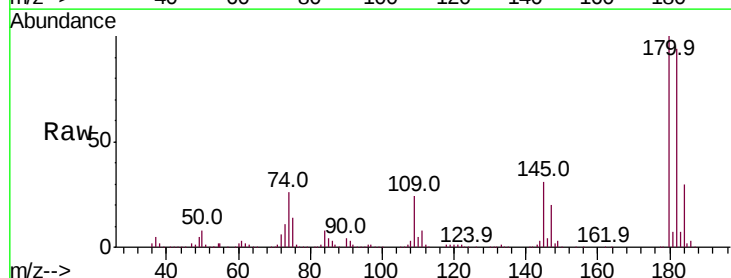
RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

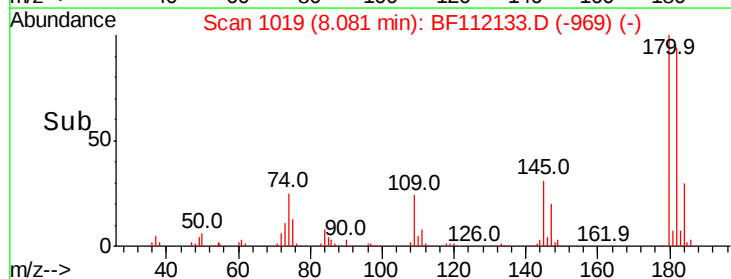
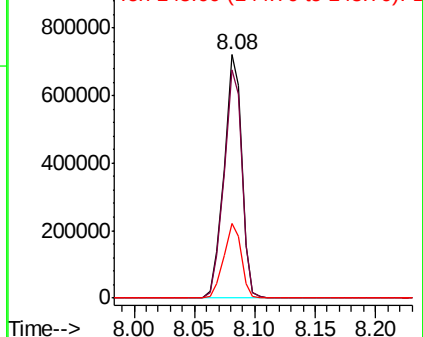
Lab File: BF112133.D

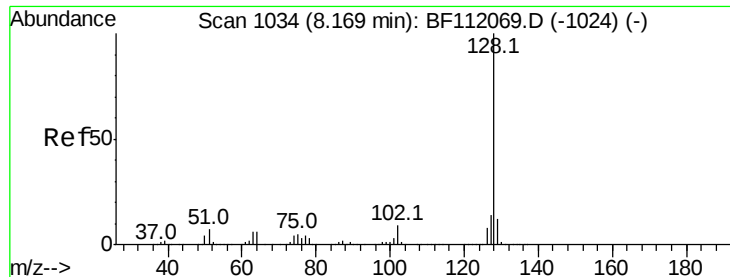
Acq: 18 Jan 2019 19:14

Tgt Ion:	180	Resp:	734120
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.4	114.6
145	30.9	25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





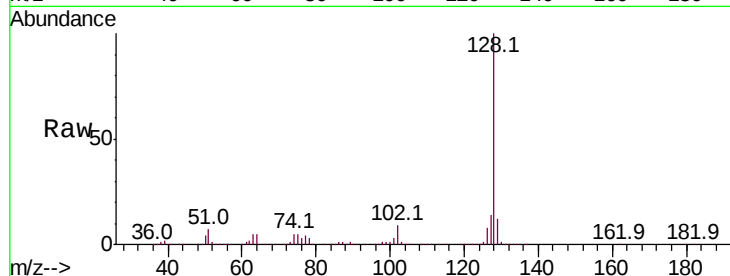
#31
Naphthalene
Concen: 44.116 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.4	11.1	16.7

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM

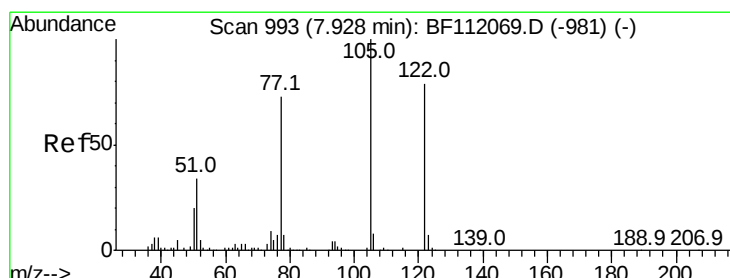
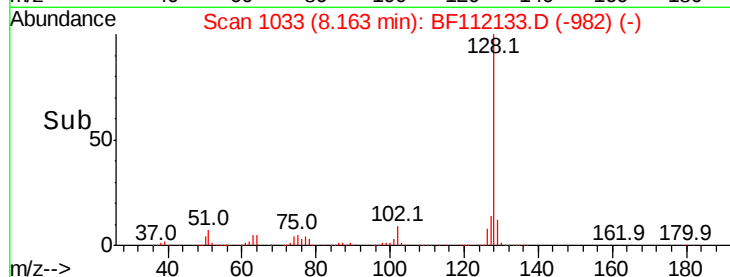
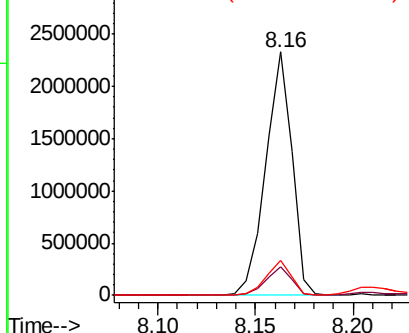


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.758 ng m
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

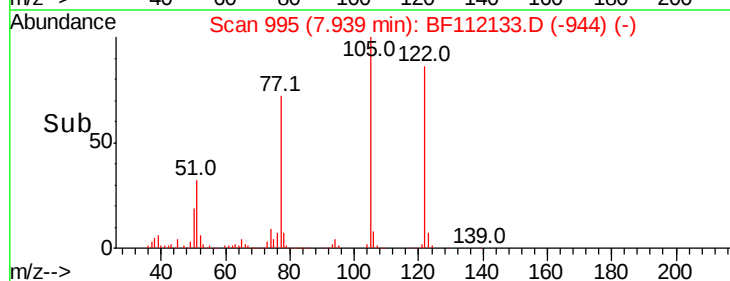
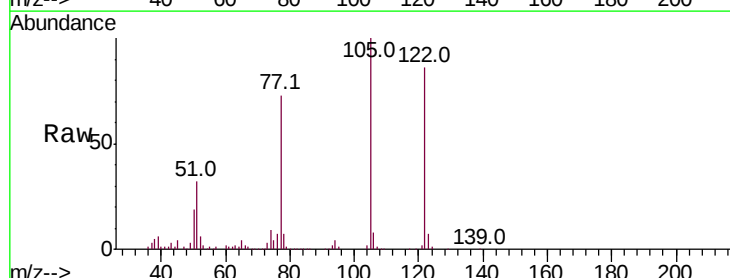
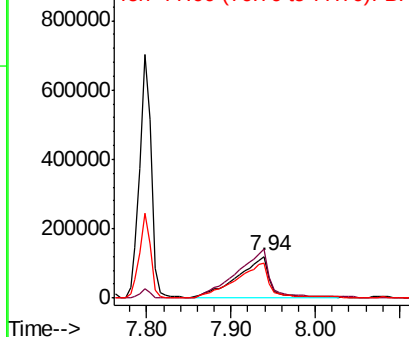
Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	101.2	141.2
77	84.7	70.4	110.4

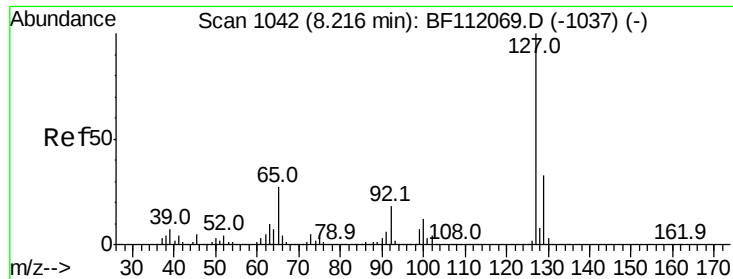
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





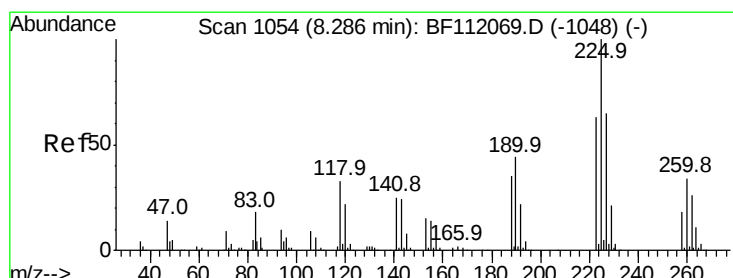
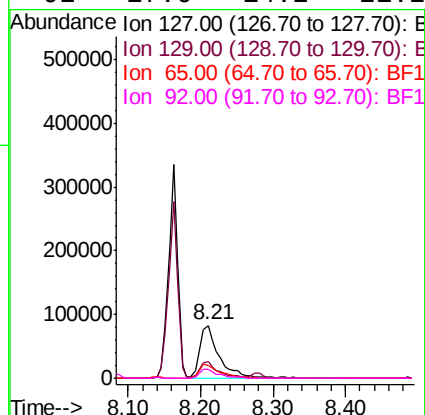
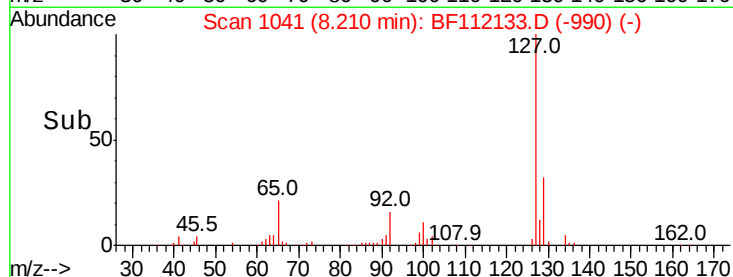
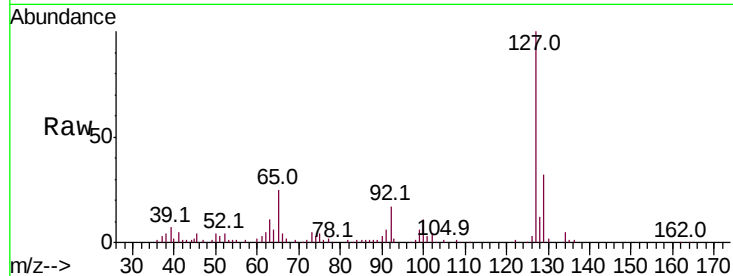
#33
4-Chloroaniline
Concen: 6.819 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.6	39.8	
65	25.2	21.4	32.2	
92	17.0	14.2	21.2	

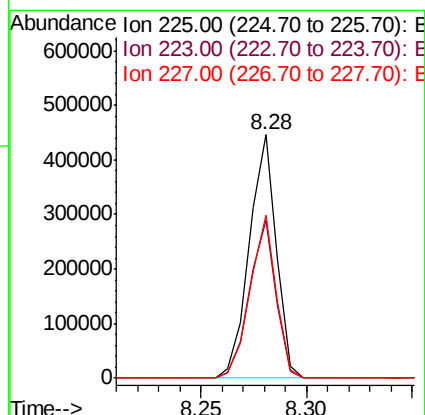
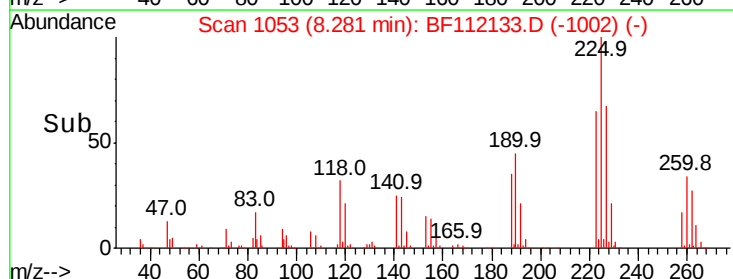
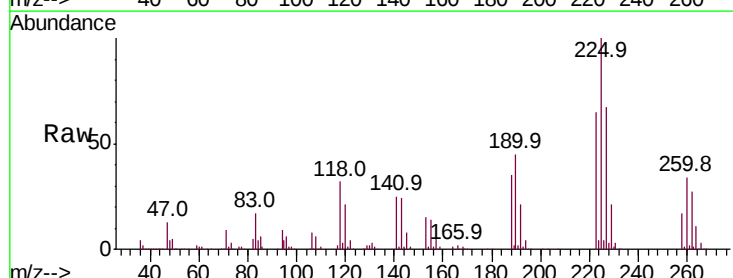
Manual Integrations
APPROVED

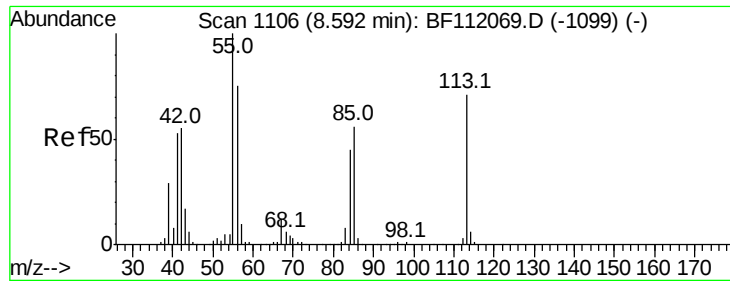
Sohil
1/21/2019 12:00:55 PM



#34
Hexachlorobutadiene
Concen: 39.729 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	50.3	75.5	
227	67.1	51.8	77.8	





#35

Caprolactam

Concen: 31.778 ng/ml

RT: 8.58 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

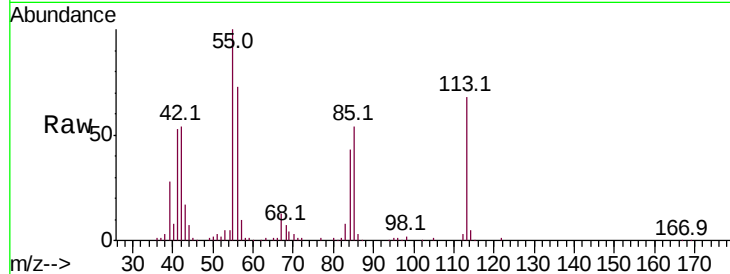
ClientSampleId :

OR-03-011719-AMS

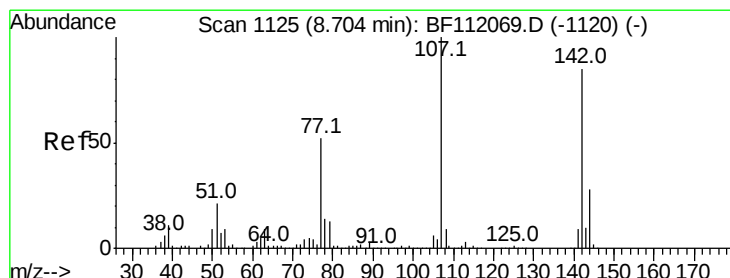
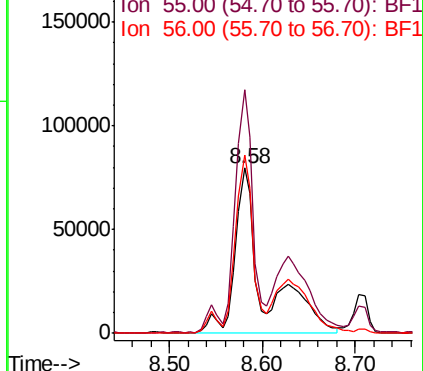
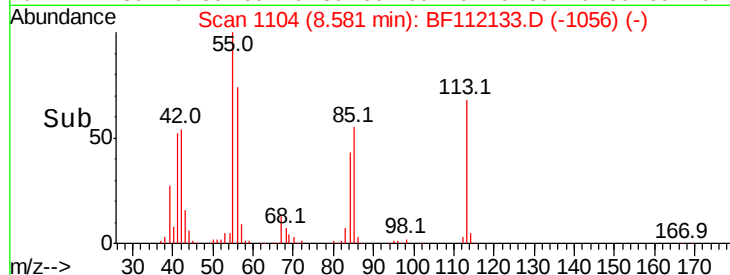
Tot Ion:	113	Resp:	171217
Ion Ratio	Lower	Upper	
113	100		
55	147.3	121.6	161.6
56	107.9	86.7	126.7

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.210 ng/ml

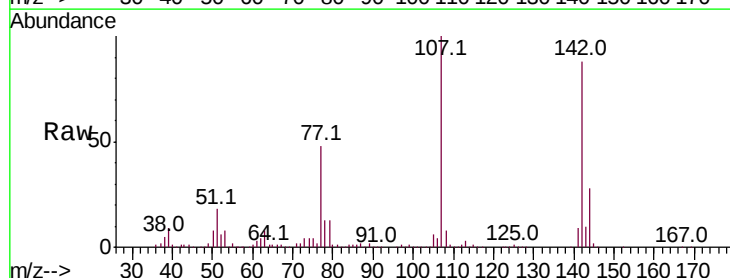
RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

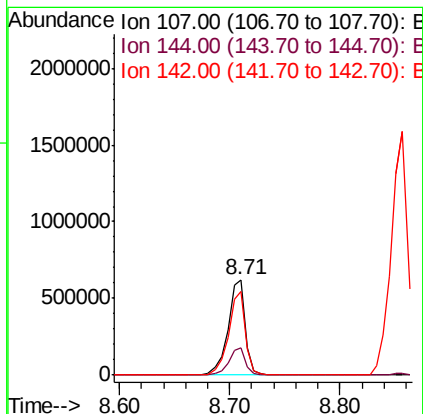
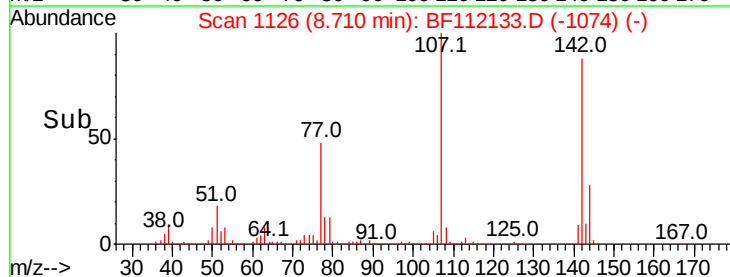
Lab File: BF112133.D

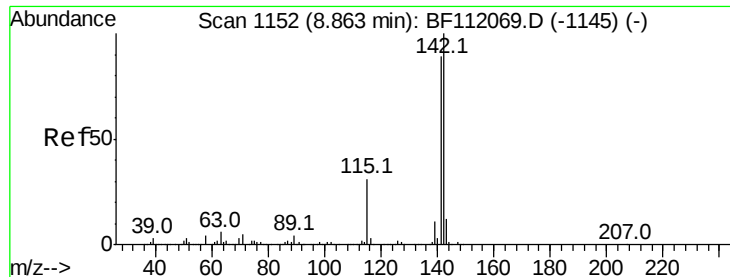
Acq: 18 Jan 2019 19:14

Tgt Ion:	107	Resp:	679752
Ion Ratio	Lower	Upper	
107	100		
144	28.1	22.2	33.2
142	87.6	67.7	101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





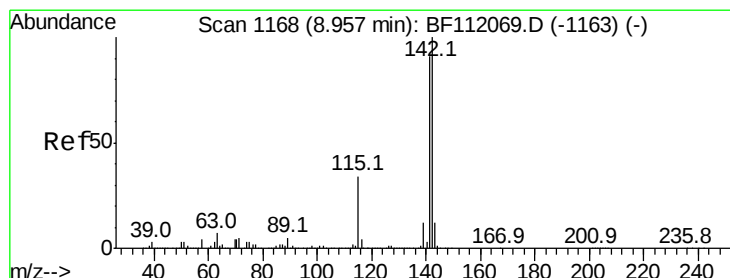
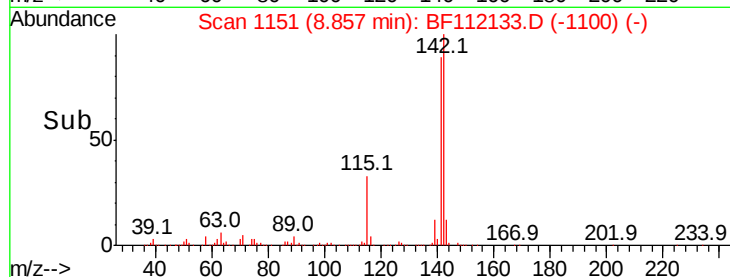
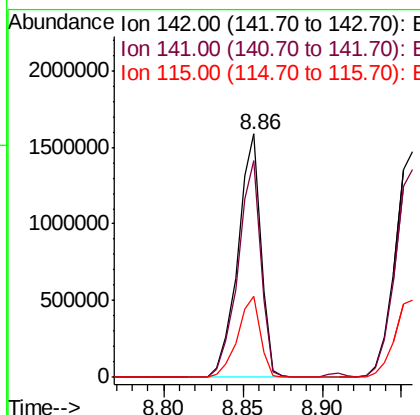
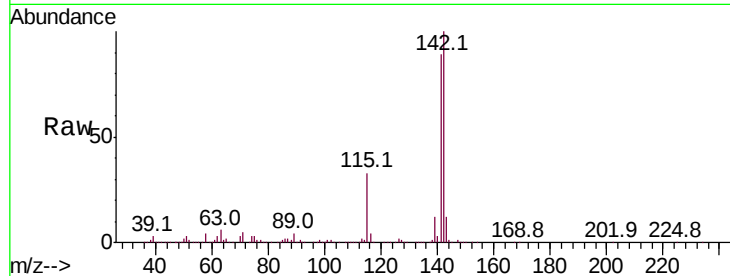
#37
2-Methylnaphthalene
Concen: 47.339 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	33.1	24.9	37.3

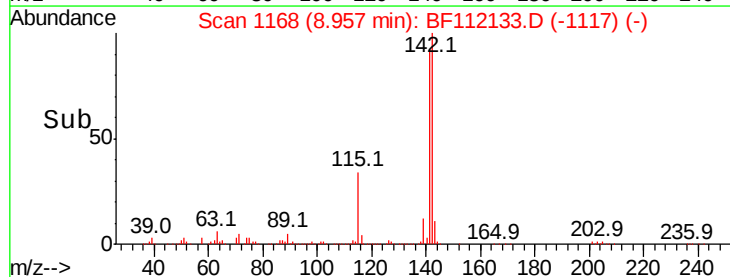
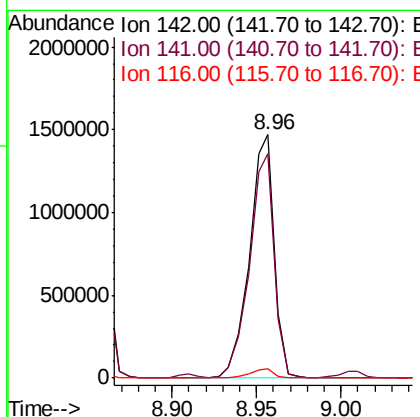
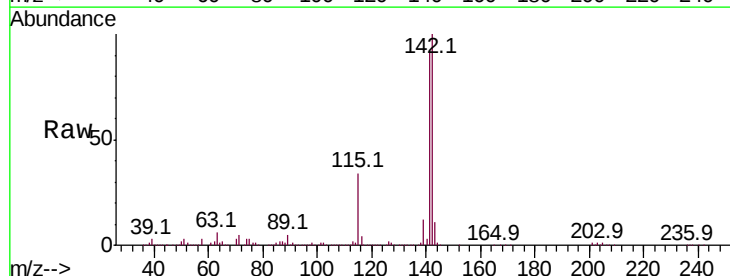
Manual Integrations
APPROVED

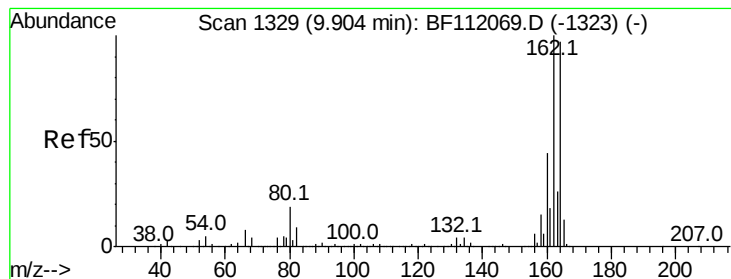
Sohil
1/21/2019 12:00:55 PM



#38
1-Methylnaphthalene
Concen: 46.422 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.6	108.8
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

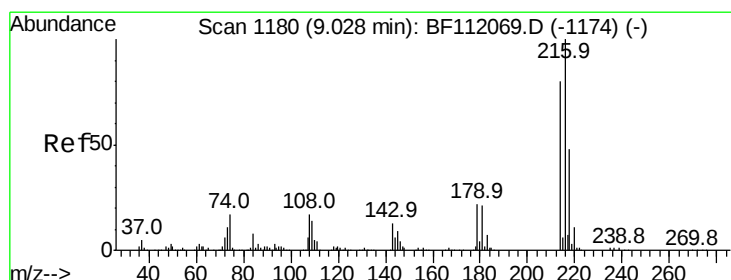
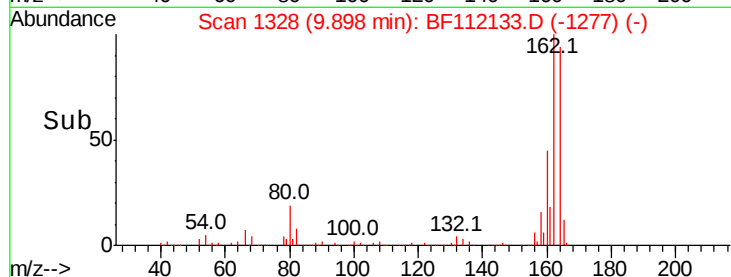
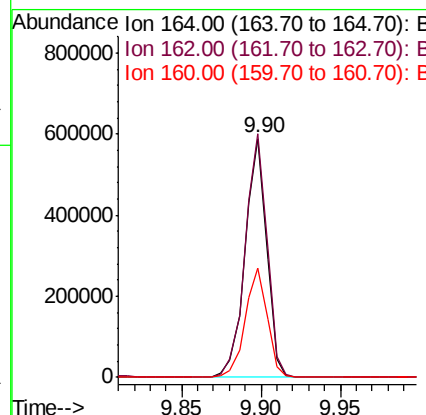
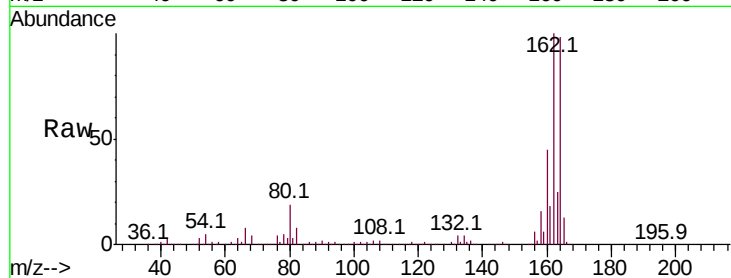
ClientSampleId :

OR-03-011719-AMS

Tot Ion:	164	Resp:	554023
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.2	123.4
160	45.6	36.2	54.4

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.654 ng

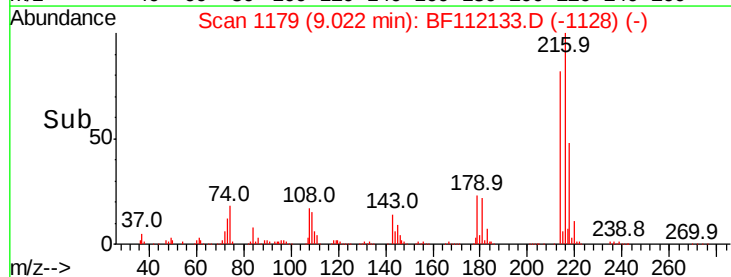
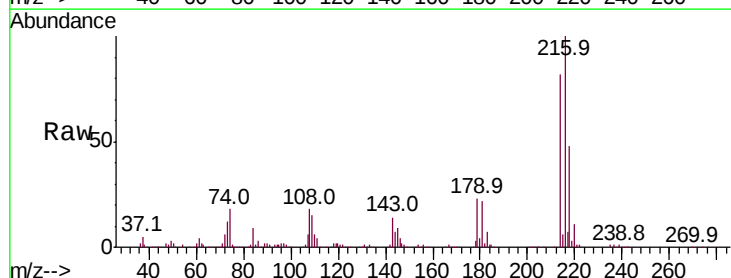
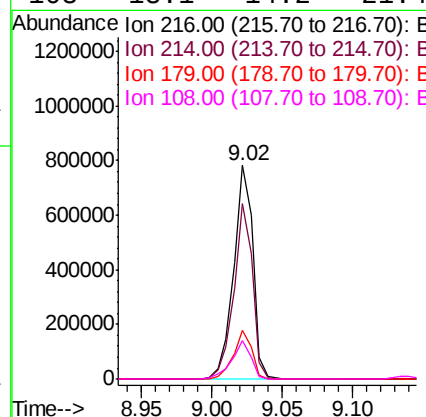
RT: 9.02 min Scan# 1179

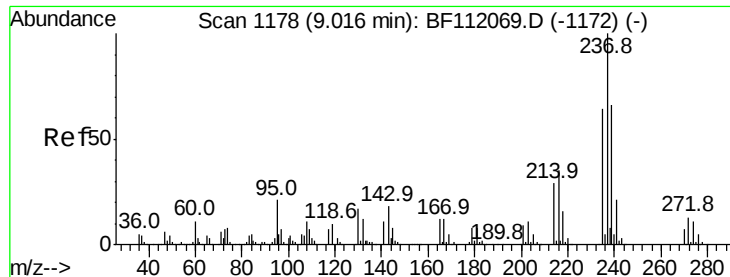
Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion:	216	Resp:	741039
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.8	95.6
179	21.5	16.9	25.3
108	18.1	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 46.384 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

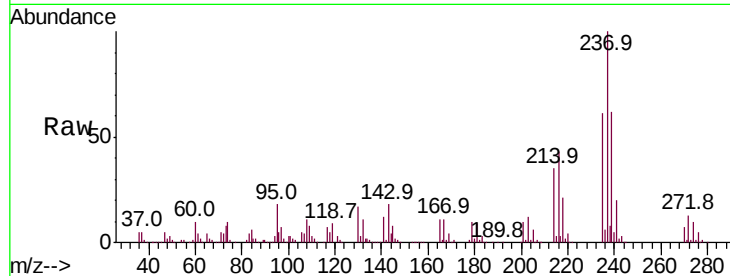
ClientSampleId :

OR-03-011719-AMS

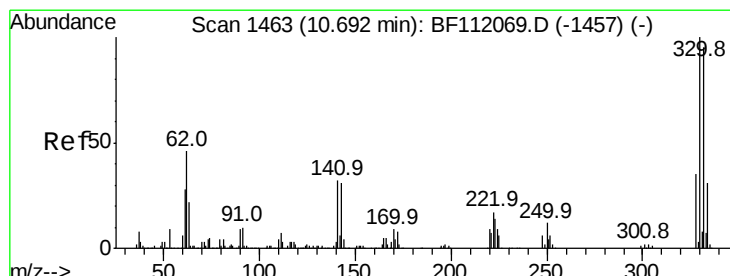
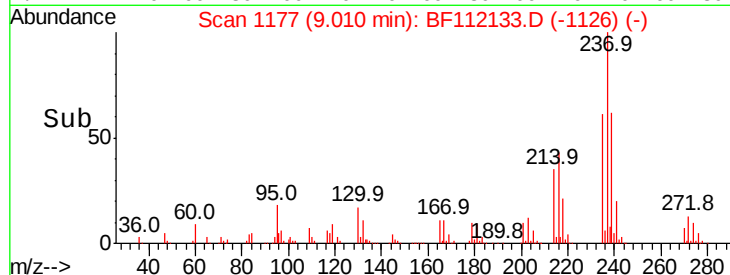
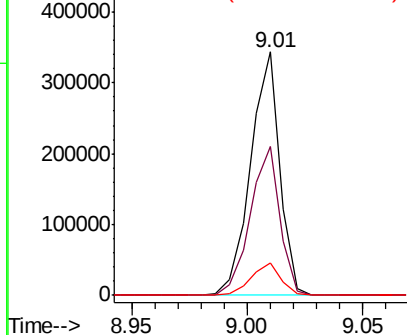
Tot Ion:	237	Resp:	303677
Ion Ratio	Lower	Upper	
237	100		
235	61.2	44.0	84.0
272	13.1	0.0	33.3

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.982 ng

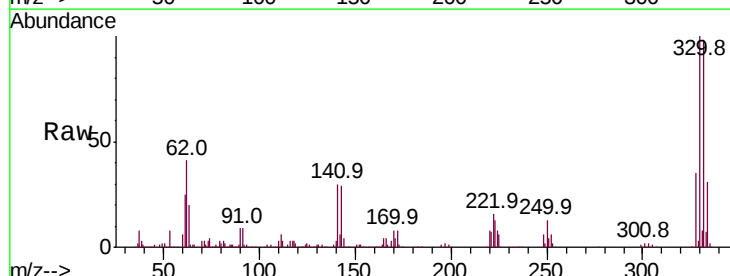
RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

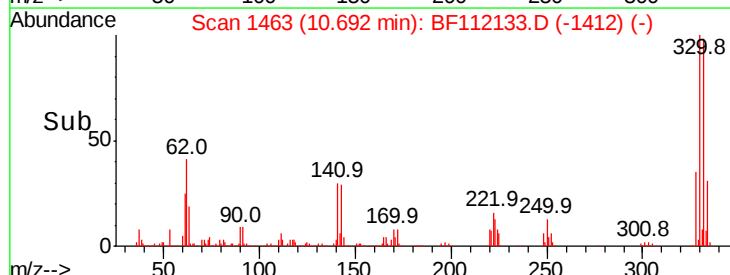
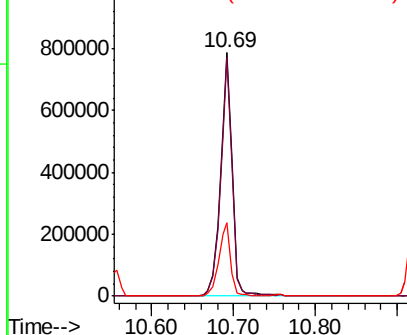
Lab File: BF112133.D

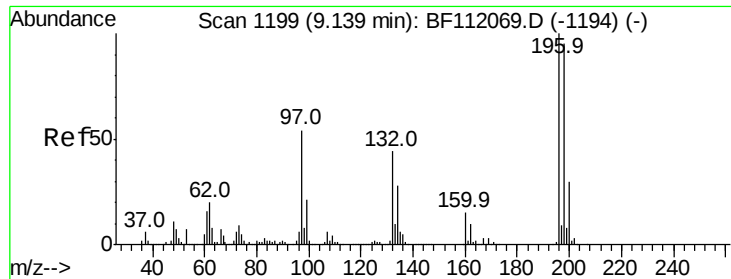
Acq: 18 Jan 2019 19:14

Tgt Ion:	330	Resp:	788814
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.6	114.8
141	30.5	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





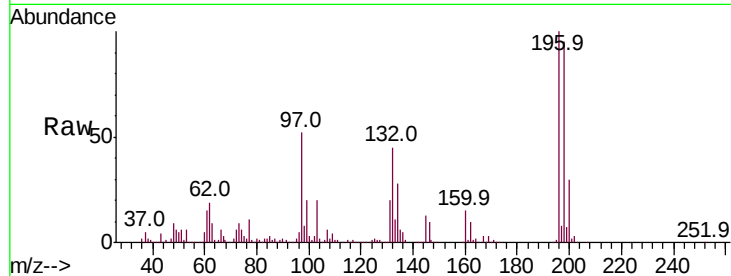
#43
 2,4,6-Trichlorophenol
 Concen: 46.292 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	492672		
198	94.9	76.2	114.4	
200	29.9	24.3	36.5	

Manual Integrations
 APPROVED

Sohil
 1/21/2019 12:00:55 PM

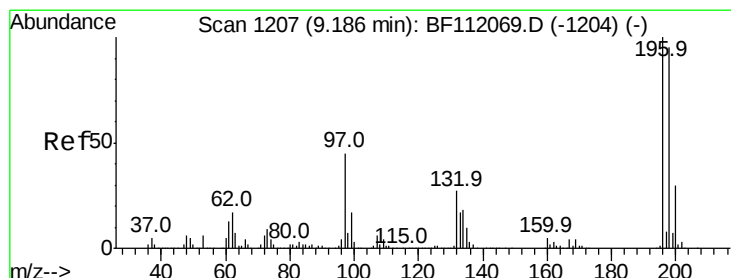
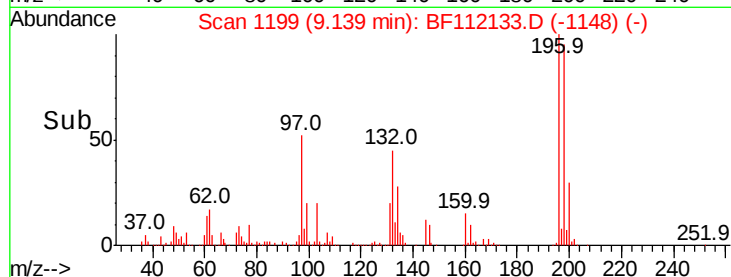
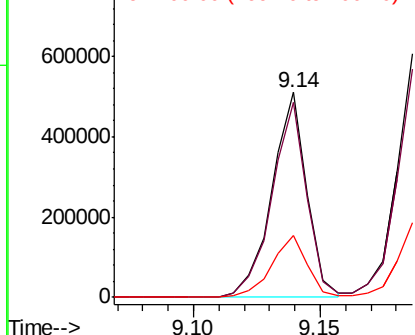


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.192 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	534924		
198	93.8	76.0	114.0	
97	46.7	36.4	54.6	
132	27.3	21.5	32.3	

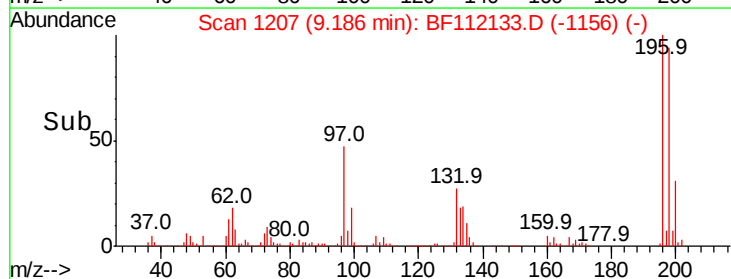
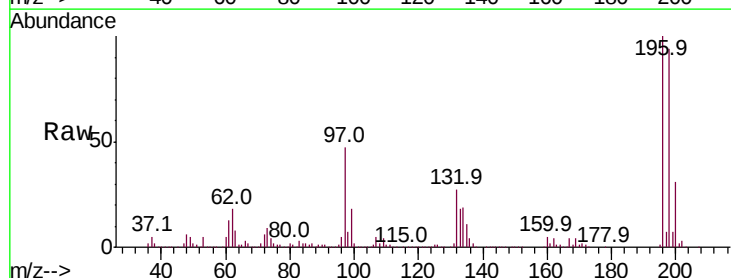
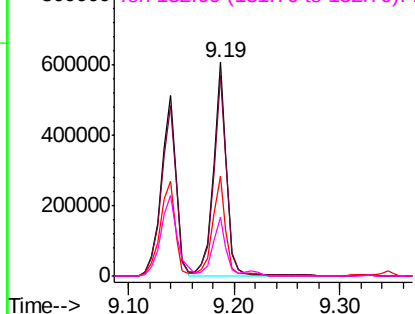
Abundance

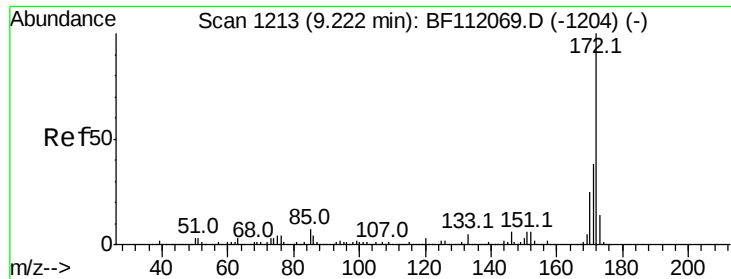
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





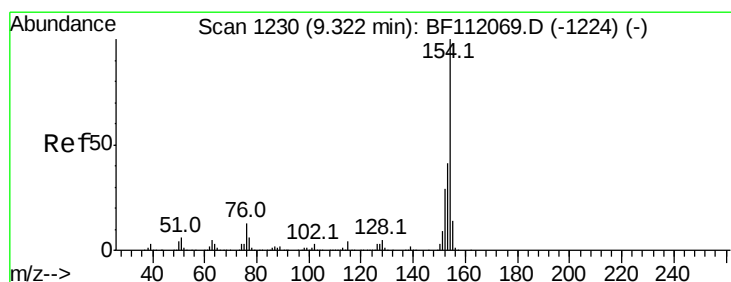
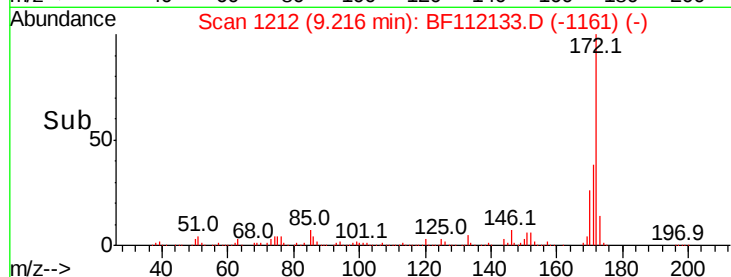
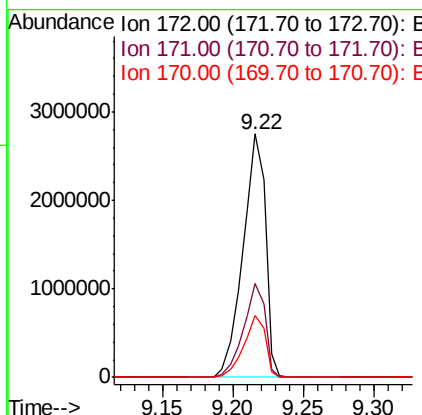
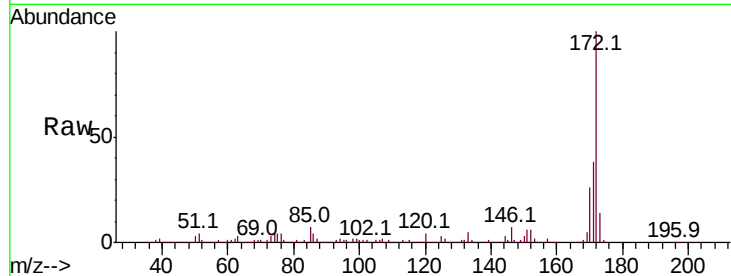
#45
 2-Fluorobiphenyl
 Concen: 81.003 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.5	45.7
170	25.7	20.2	30.4

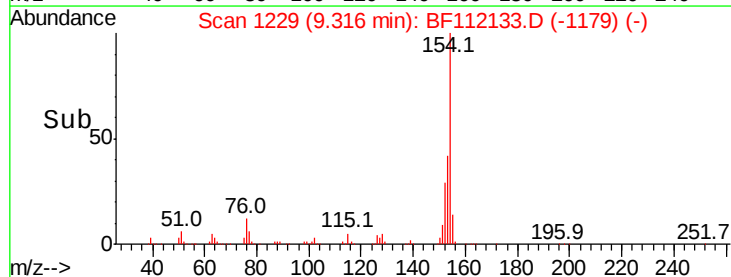
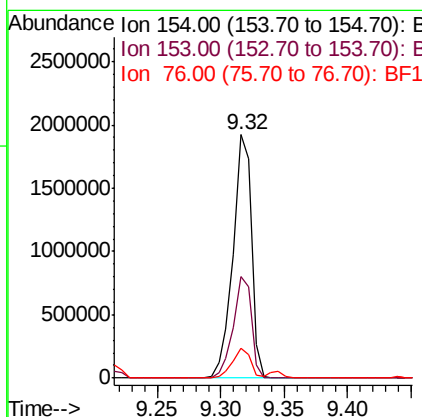
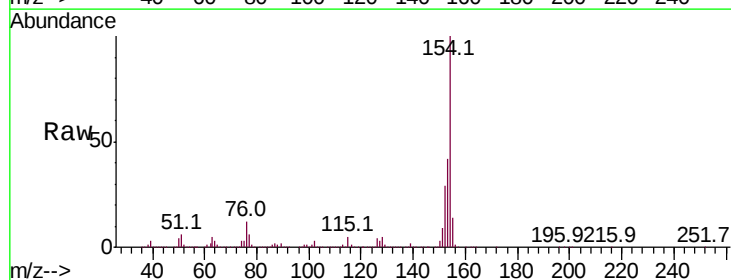
Manual Integrations
 APPROVED

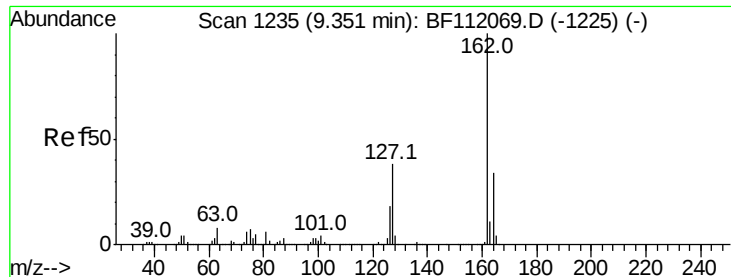
Sohil
 1/21/2019 12:00:55 PM



#46
 1,1'-Biphenyl
 Concen: 41.633 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.5	61.5
76	12.5	0.0	33.1





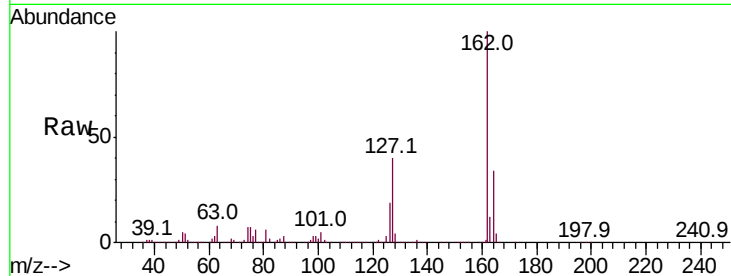
#47
2-Chloronaphthalene
Concen: 41.613 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.4	45.6
164	33.5	27.4	41.2

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM

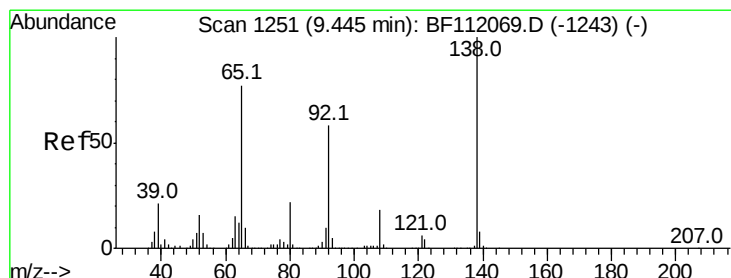
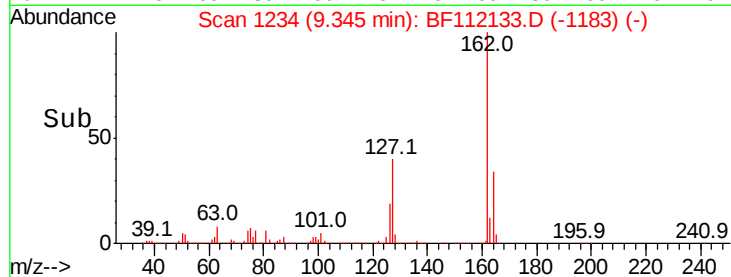
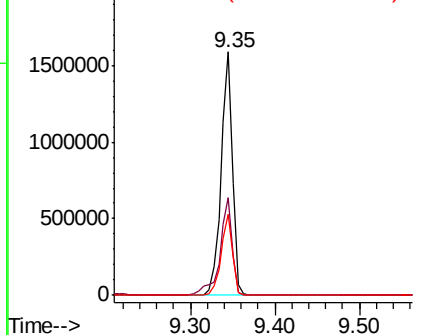


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 51.163 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

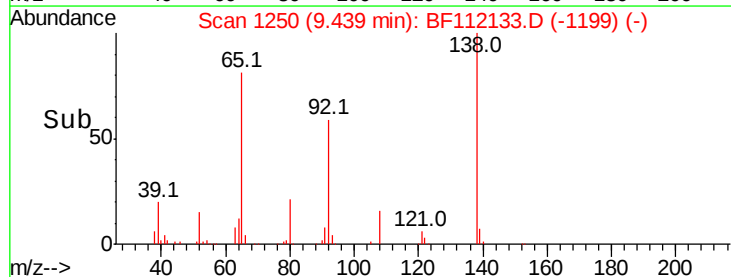
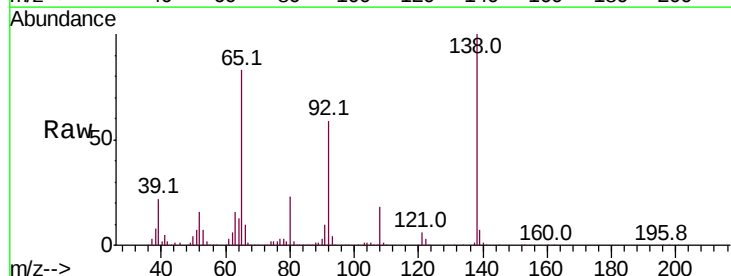
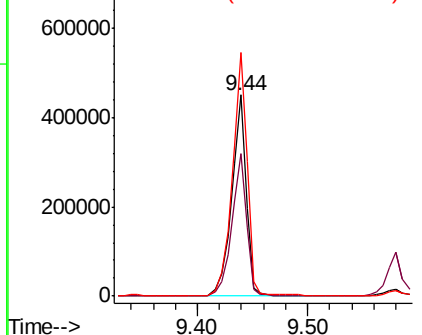
Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	60.4	90.6
138	121.2	104.4	156.6

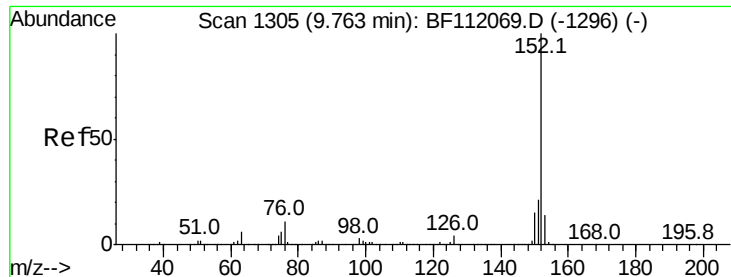
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.768 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tot Ion:152 Resp: 2368966

Ion Ratio Lower Upper

152 100

151 21.4 17.0 25.6

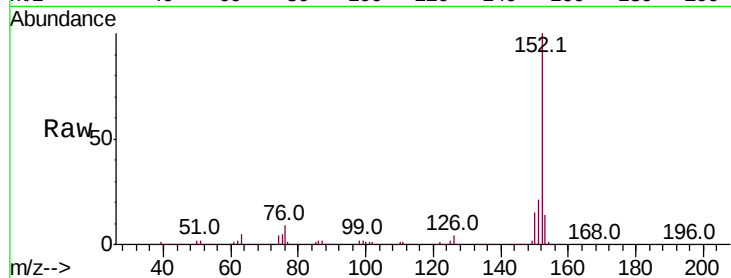
153 13.8 11.2 16.8

Manual Integrations

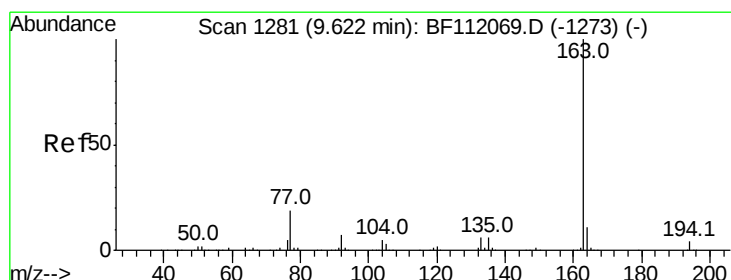
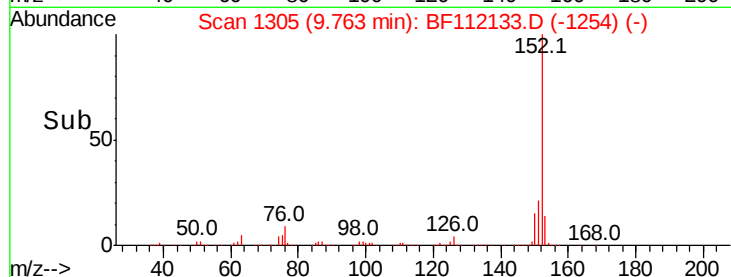
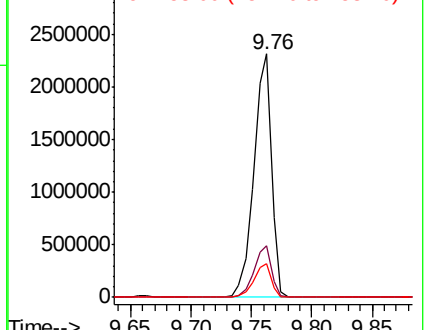
APPROVED

Sohil

1/21/2019 12:00:55 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.578 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

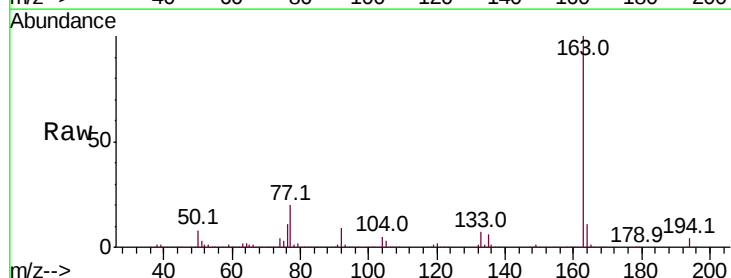
Tgt Ion:163 Resp: 1841534

Ion Ratio Lower Upper

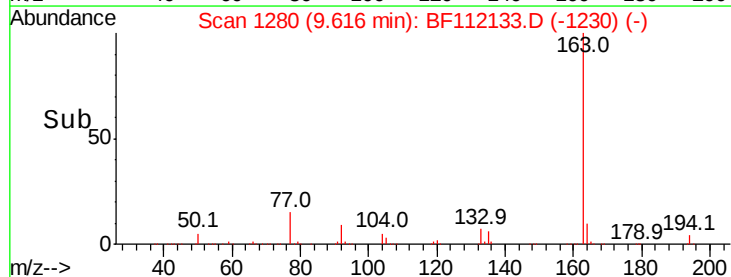
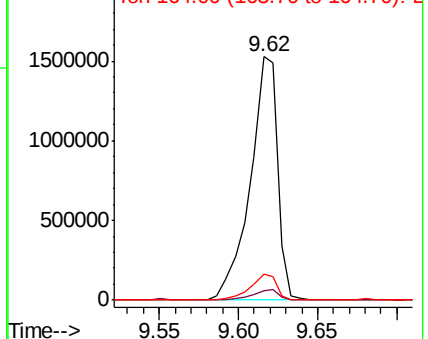
163 100

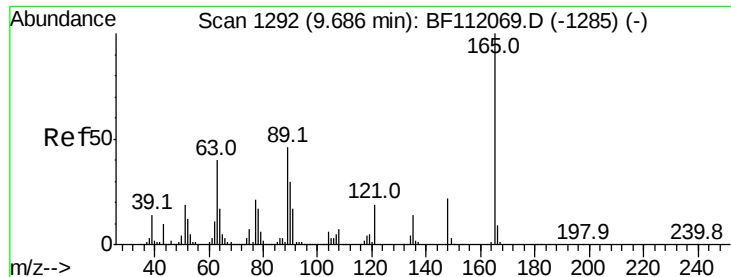
194 4.1 3.3 4.9

164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.622 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

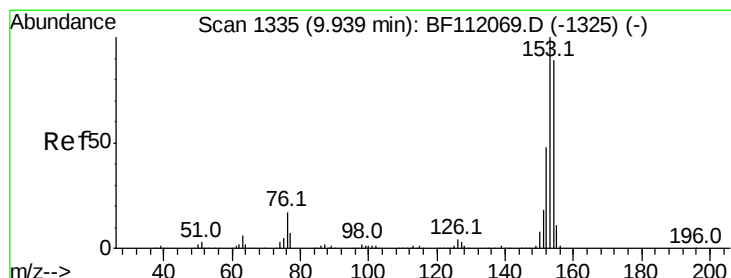
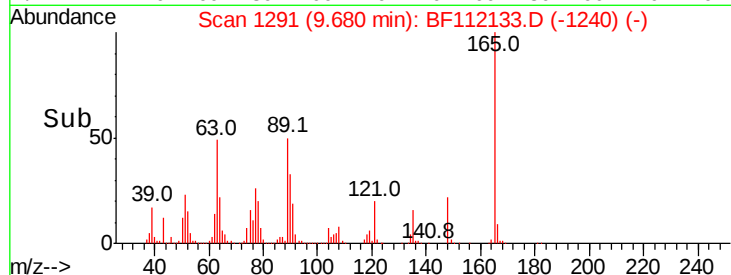
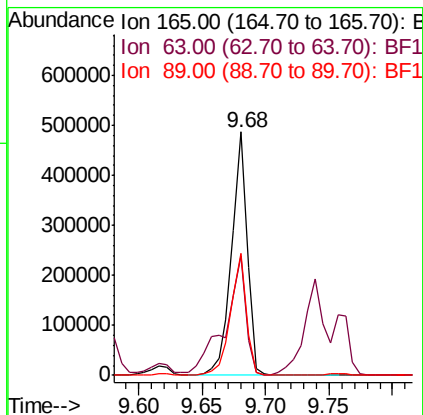
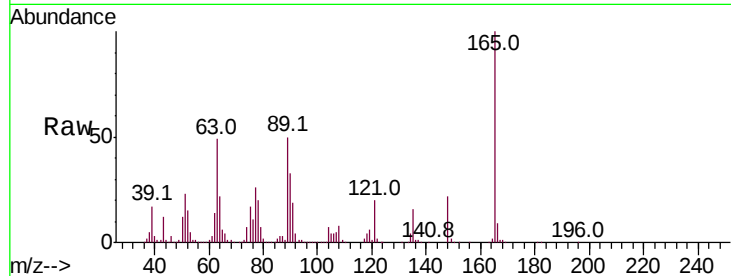
ClientSampleId :

OR-03-011719-AMS

Tot Ion:	165	Resp:	416530
Ion Ratio	Lower	Upper	
165	100		
63	48.9	33.8	50.8
89	50.2	36.9	55.3

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



#52

Acenaphthene

Concen: 42.717 ng

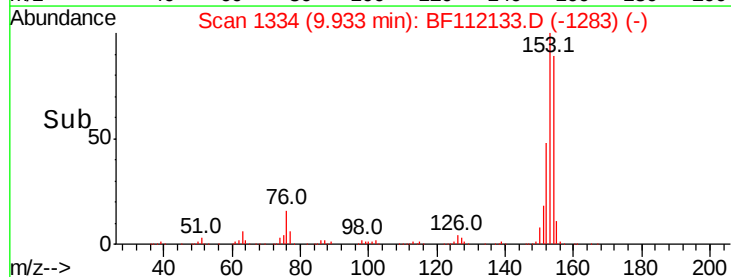
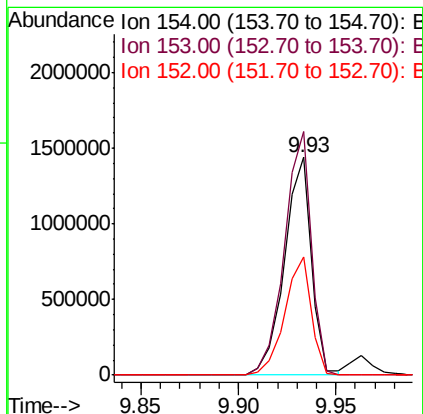
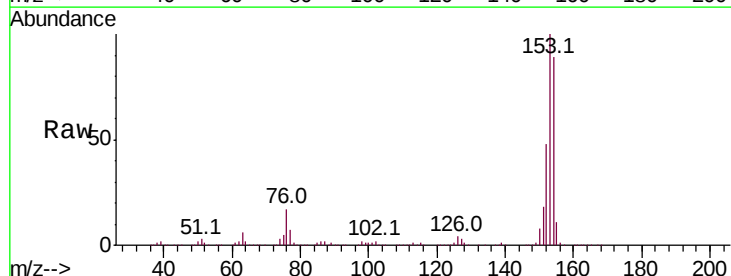
RT: 9.93 min Scan# 1334

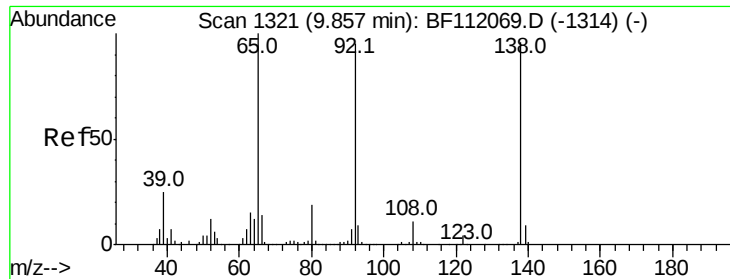
Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion:	154	Resp:	1383053
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.8	134.6
152	54.1	43.5	65.3





#53

3-Nitroaniline

Concen: 11.720 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

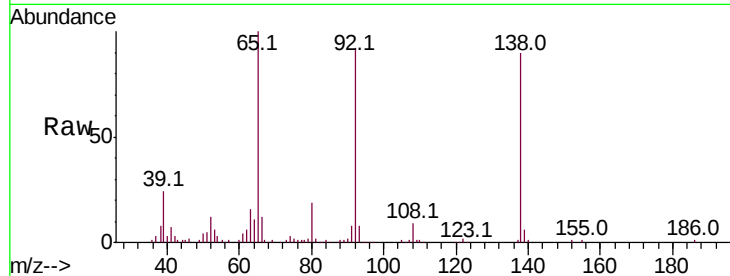
ClientSampleId :

OR-03-011719-AMS

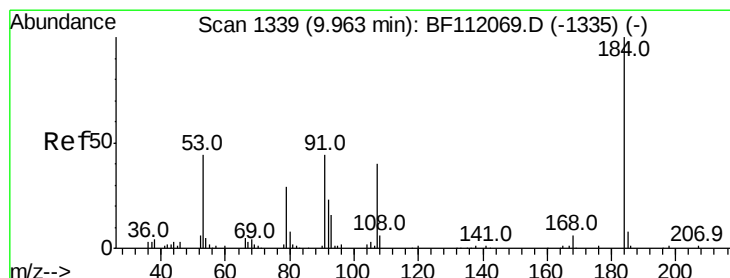
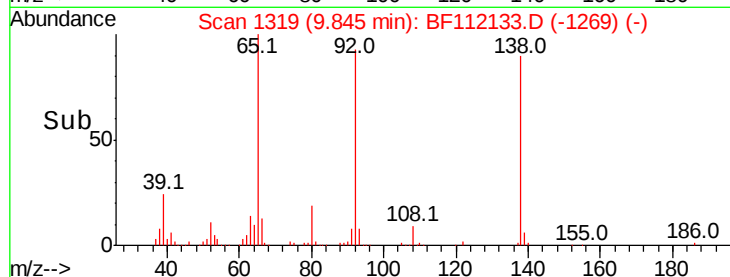
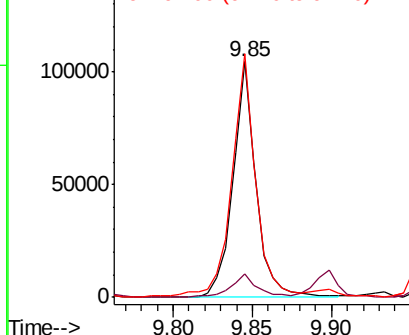
Tot Ion:	138	Resp:	105750
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.8	14.6
92	103.3	79.4	119.2

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 77.678 ng

RT: 9.96 min Scan# 1339

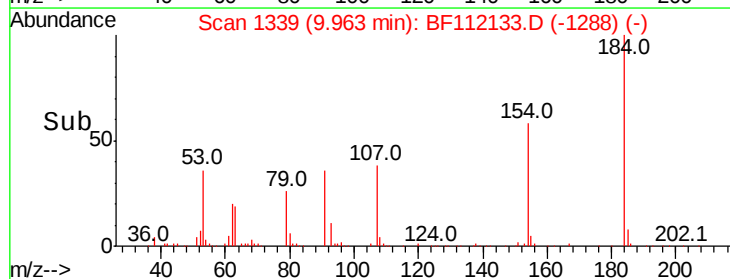
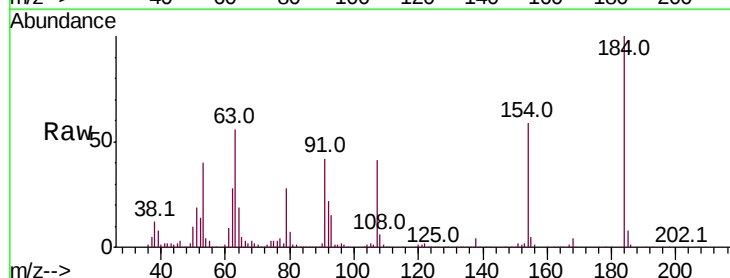
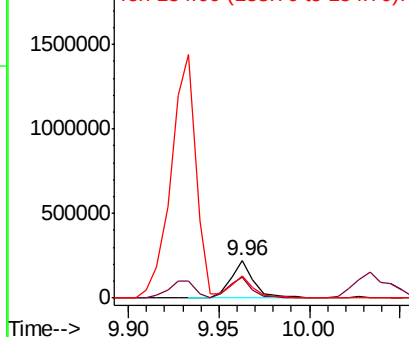
Delta R.T. 0.00 min

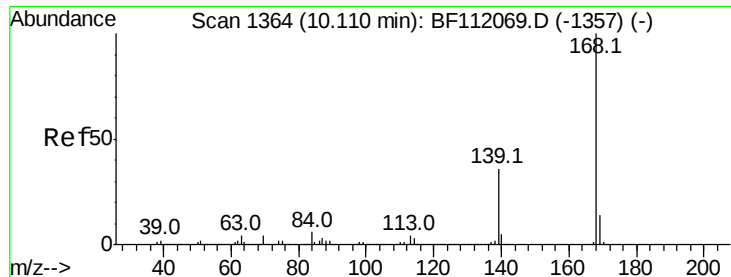
Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion:	184	Resp:	201279
Ion Ratio	Lower	Upper	
184	100		
63	55.5	47.1	70.7
154	58.6	48.9	73.3

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.772 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tot Ion:168 Resp: 2094219

Ion Ratio Lower Upper

168 100

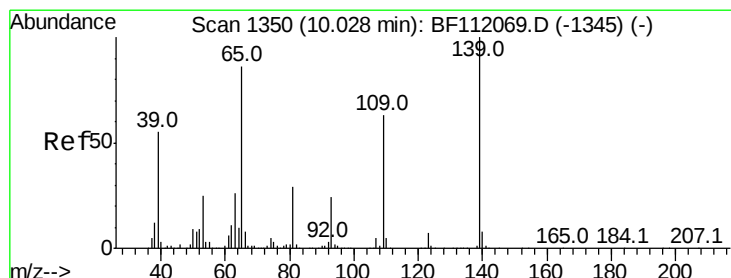
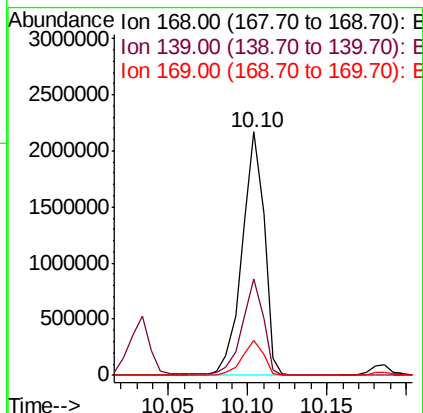
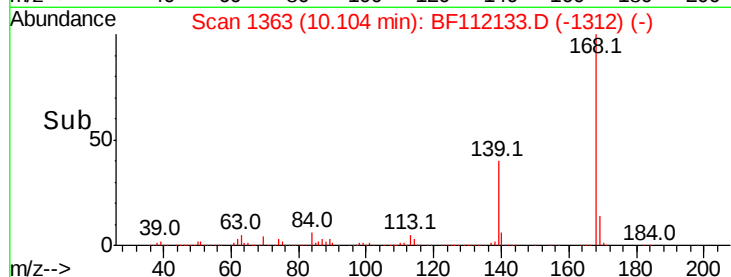
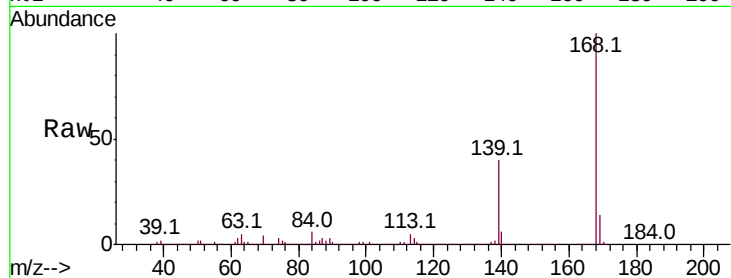
139 39.6 29.2 43.8

169 14.5 11.4 17.0

Manual Integrations
APPROVED

Sohil

1/21/2019 12:00:55 PM



#56

4-Nitrophenol

Concen: 77.349 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

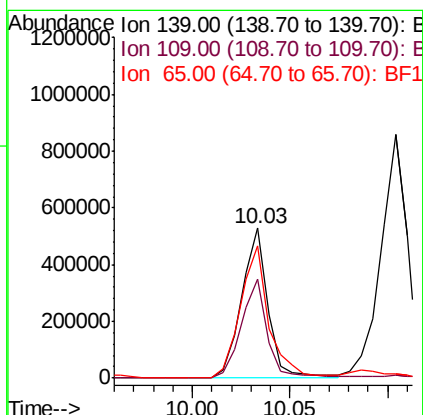
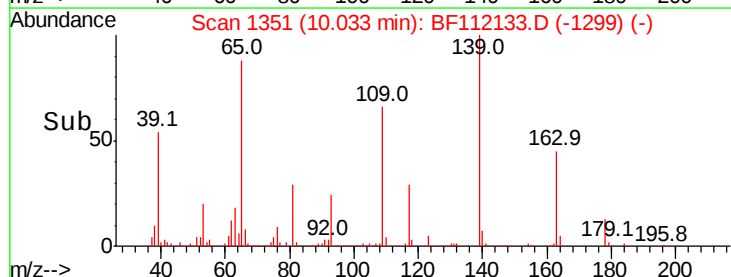
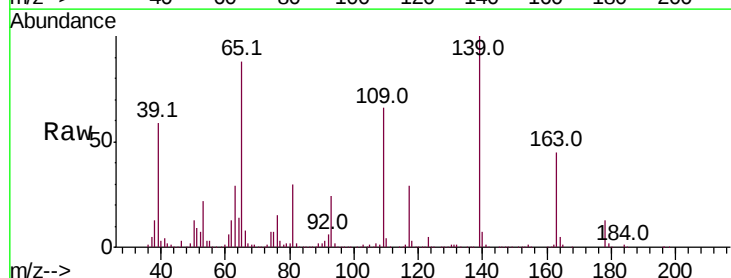
Tgt Ion:139 Resp: 497521

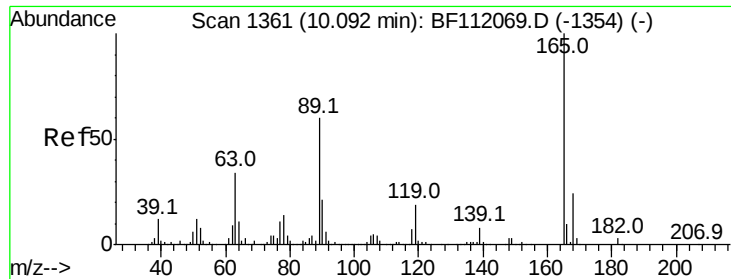
Ion Ratio Lower Upper

139 100

109 66.3 42.8 82.8

65 88.5 66.1 106.1





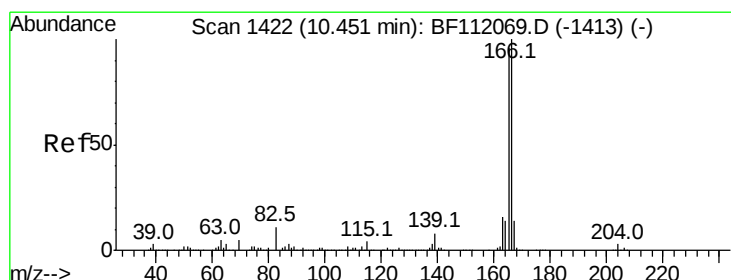
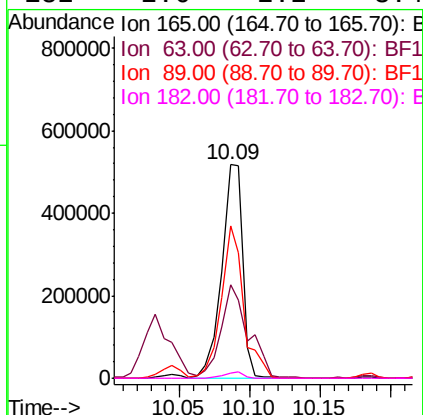
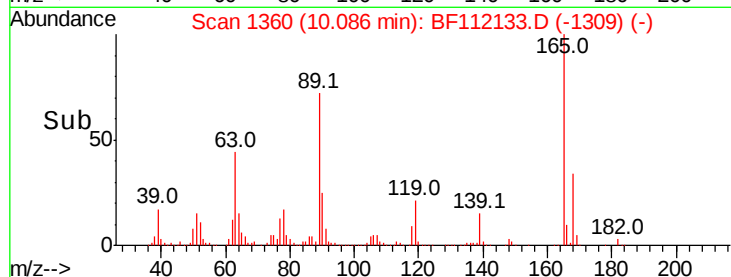
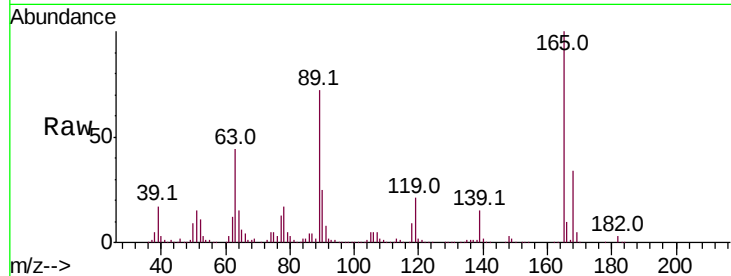
#57
 2,4-Dinitrotoluene
 Concen: 51.187 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	27.9	41.9#
89	71.6	47.9	71.9
182	2.6	2.2	3.4

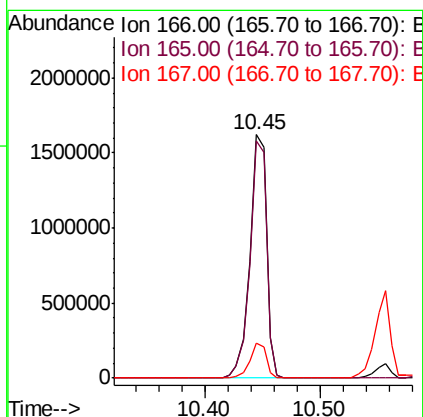
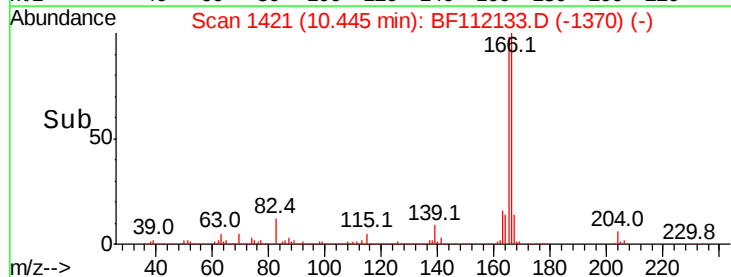
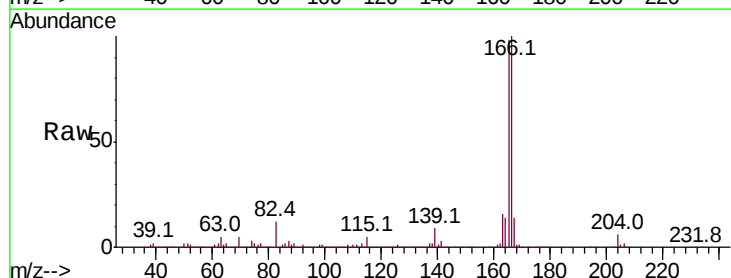
Manual Integrations
 APPROVED

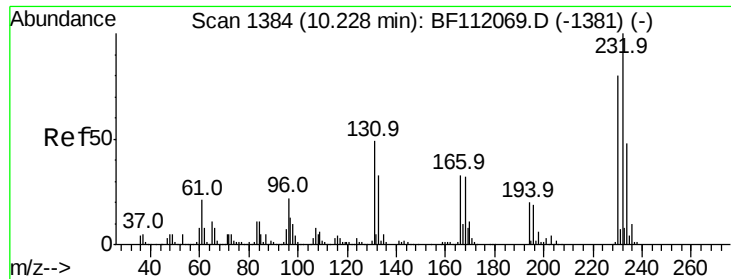
Sohil
 1/21/2019 12:00:55 PM



#58
 Fluorene
 Concen: 44.465 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.1	115.7
167	14.2	11.3	16.9





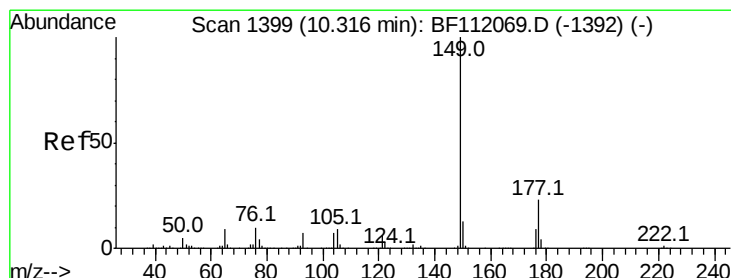
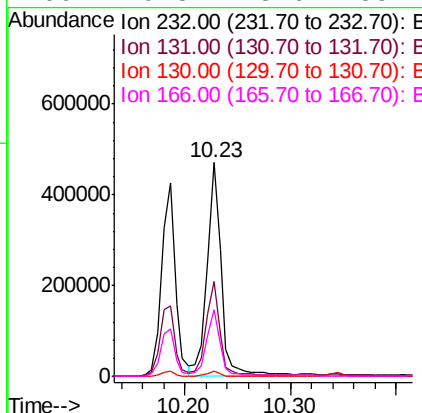
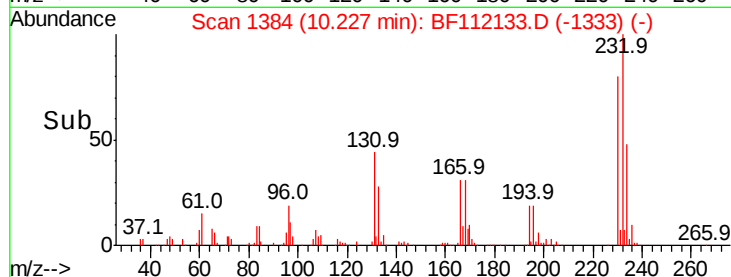
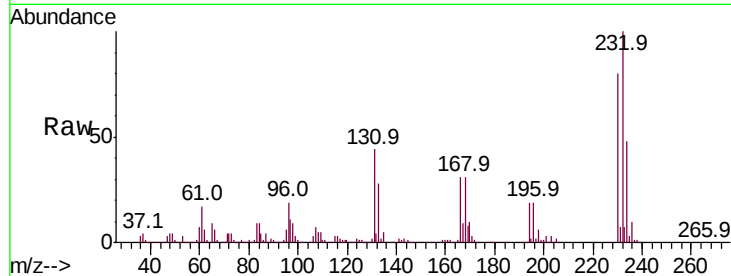
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.399 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.9	50.9
130	2.3	1.8	2.6
166	29.3	23.6	35.4

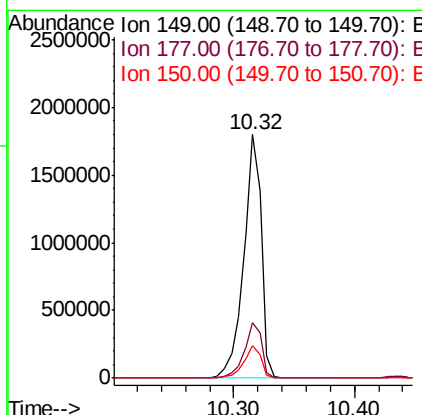
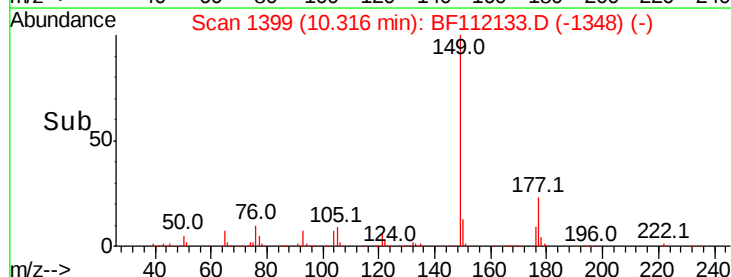
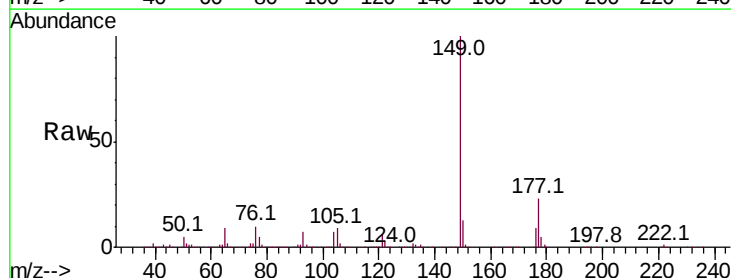
Manual Integrations
APPROVED

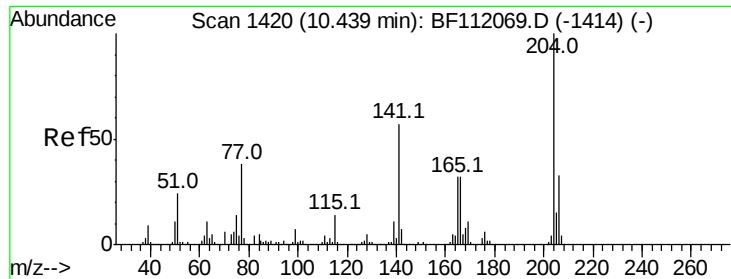
Sohil
1/21/2019 12:00:55 PM



#60
Diethylphthalate
Concen: 46.084 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.2
150	13.5	10.4	15.6





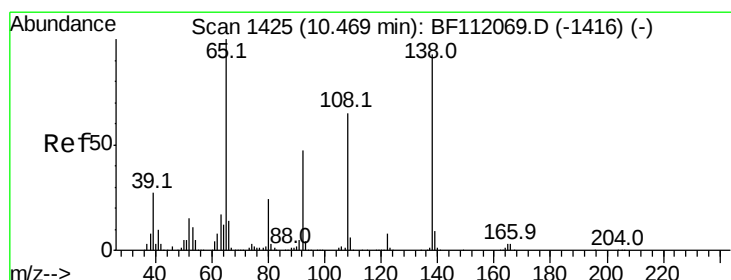
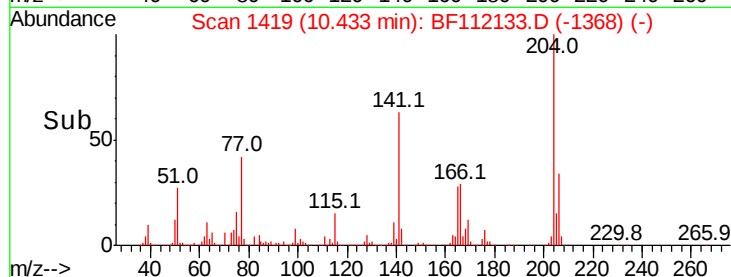
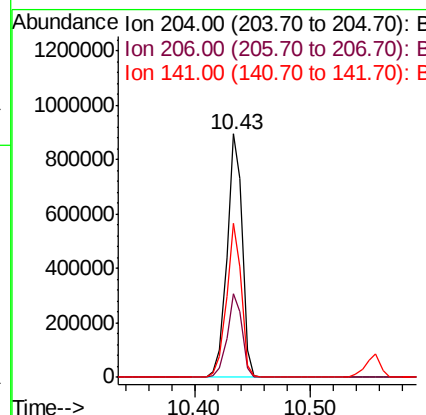
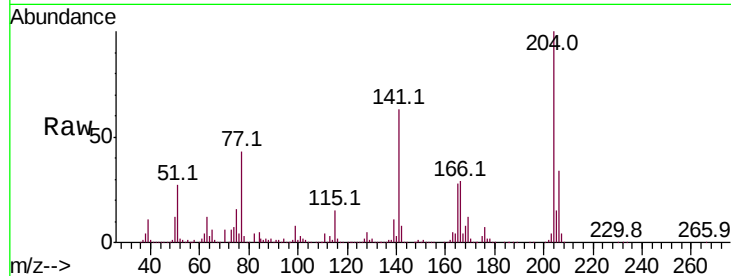
#61
4-Chlorophenyl-phenylether
Concen: 41.190 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.5	39.7
141	63.4	45.9	68.9

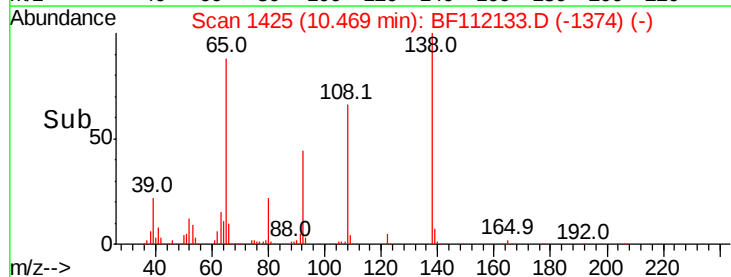
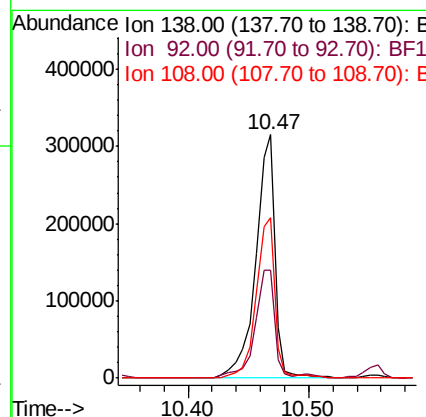
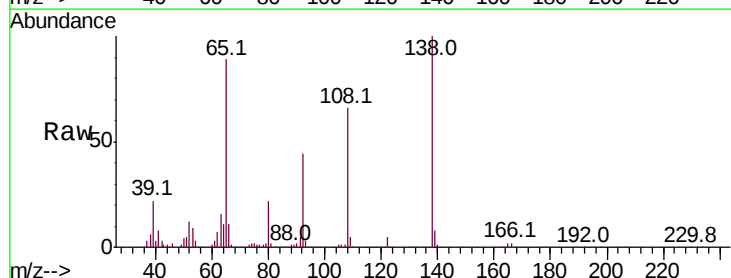
Manual Integrations
APPROVED

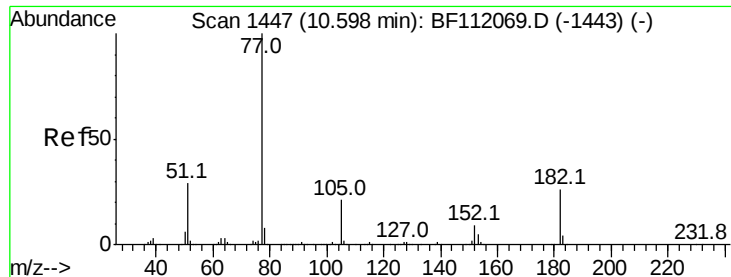
Sohil
1/21/2019 12:00:55 PM



#62
4-Nitroaniline
Concen: 39.410 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.2	30.6	70.6
108	66.0	50.0	90.0





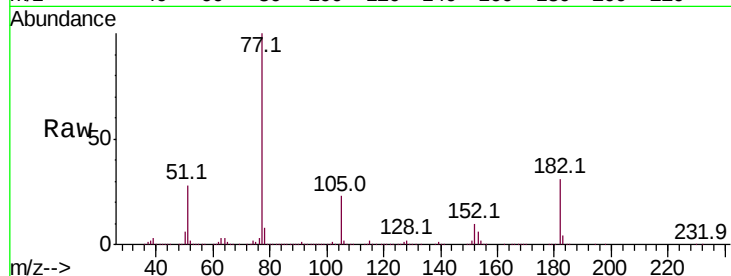
#63
Azobenzene
Concen: 41.848 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.4	5.7	45.7
105	22.6	1.4	41.4
51	28.0	9.5	49.5

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



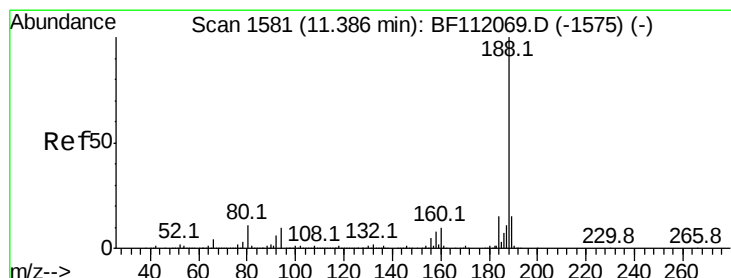
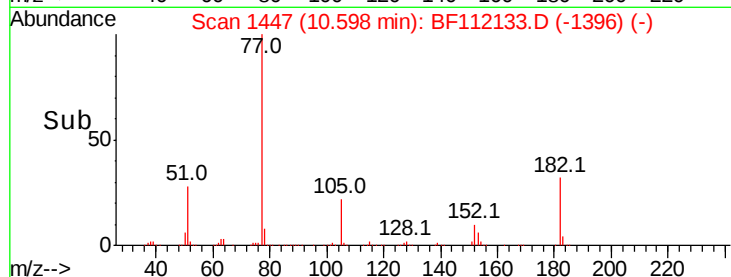
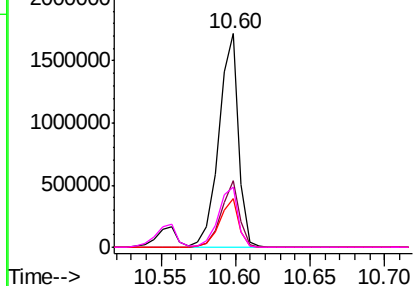
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

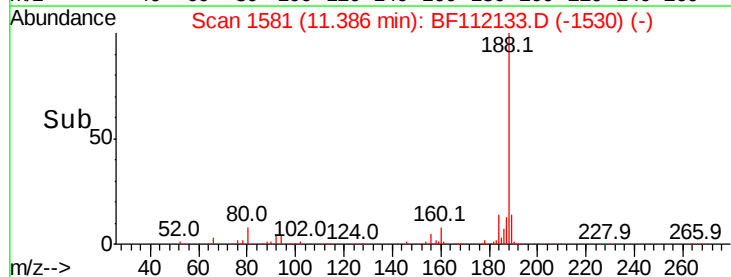
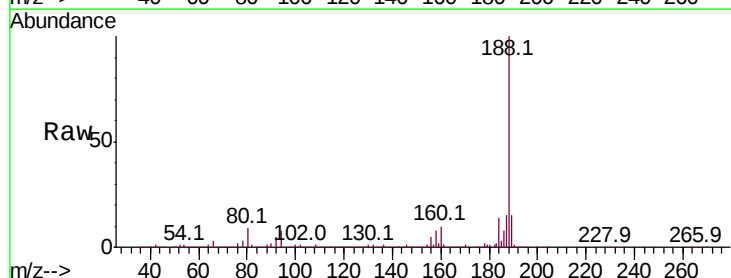
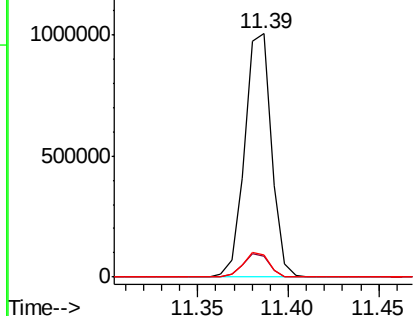
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.9	8.9	13.3

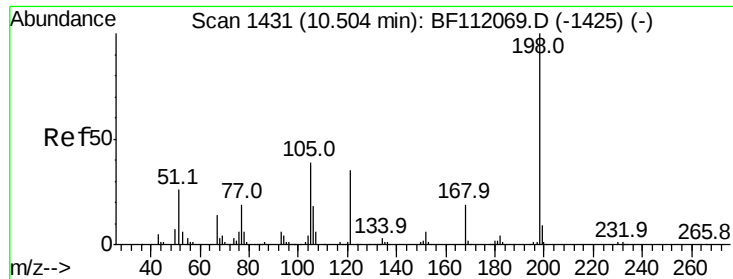
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





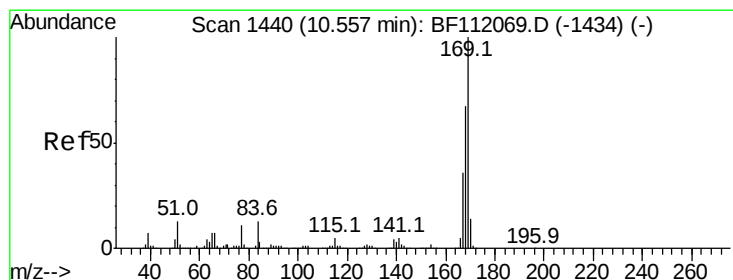
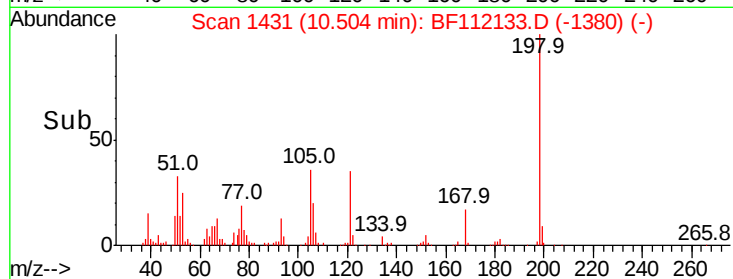
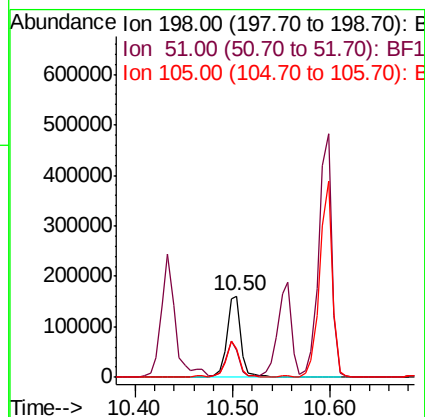
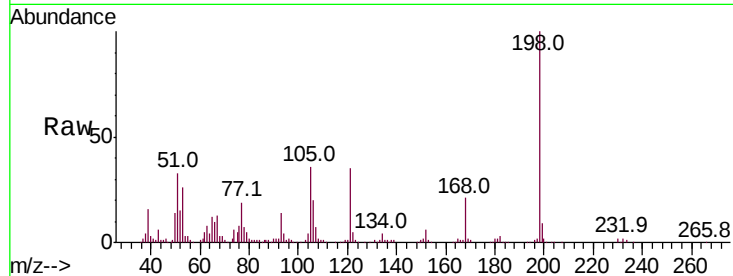
#65
4,6-Dinitro-2-methylphenol
Concen: 39.411 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	159842		
51	32.9		17.2	57.2
105	35.9		21.9	61.9

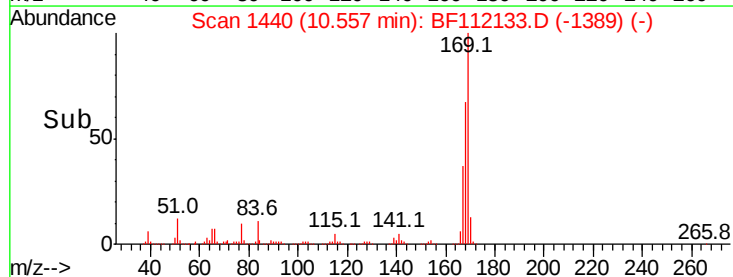
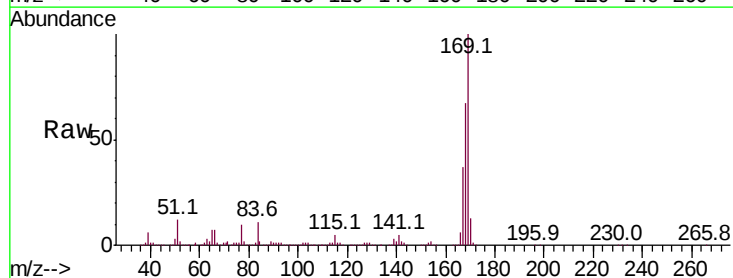
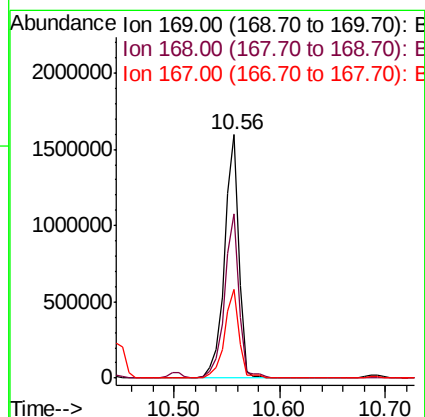
Manual Integrations
APPROVED

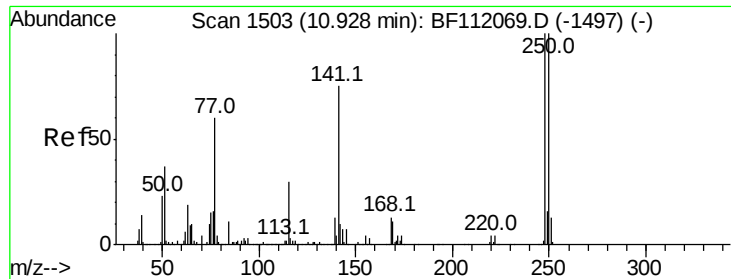
Sohil
1/21/2019 12:00:55 PM



#66
n-Nitrosodiphenylamine
Concen: 44.389 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1514624		
168	67.4		53.9	80.9
167	36.6		28.9	43.3





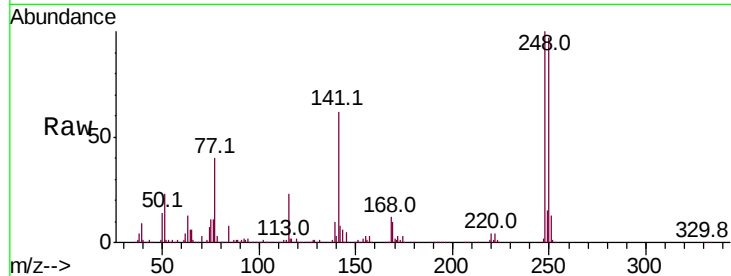
#67
4-Bromophenyl-phenylether
Concen: 43.977 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.7	119.5
141	62.1	60.3	90.5

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM

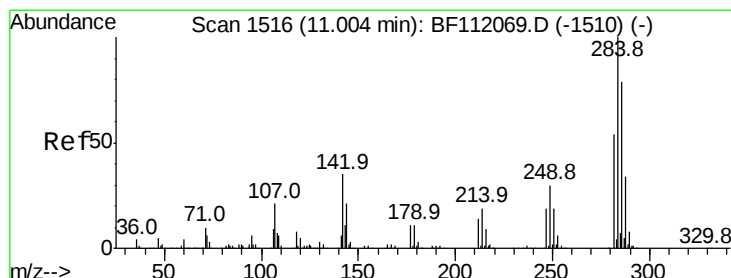
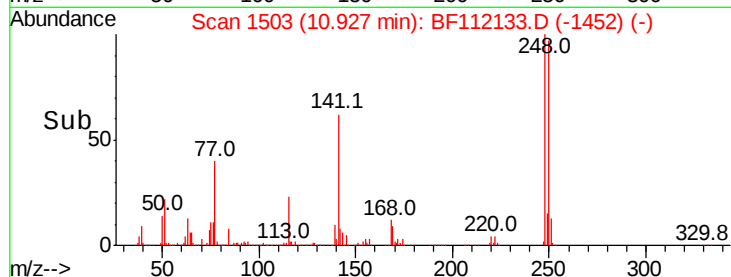
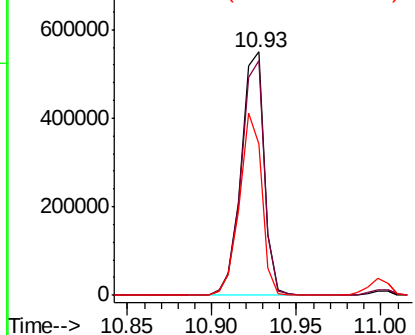


Abundance

Ion 248.00 (247.70 to 248.70): E

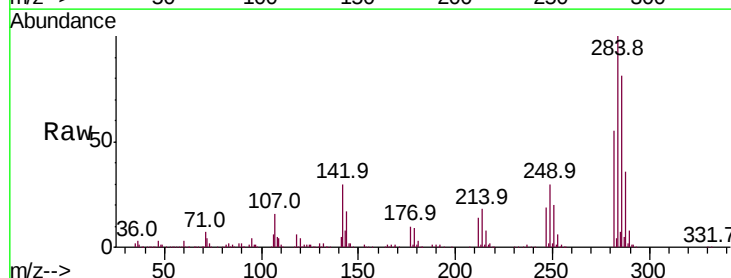
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.947 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	27.6	41.4
249	30.0	24.1	36.1

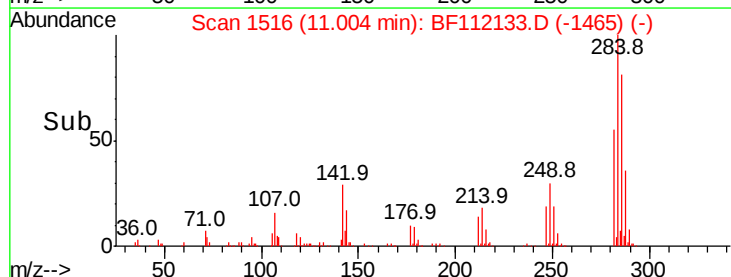
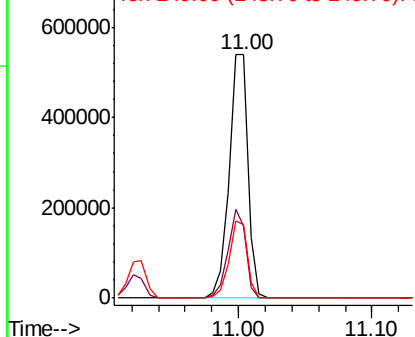


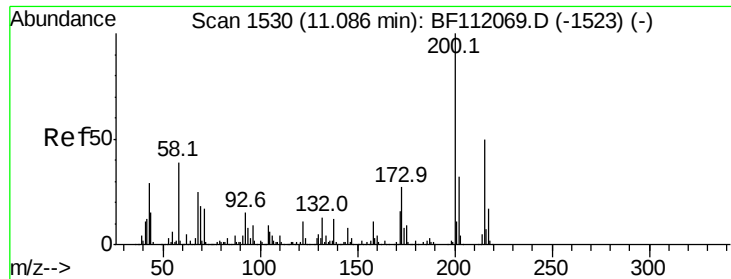
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





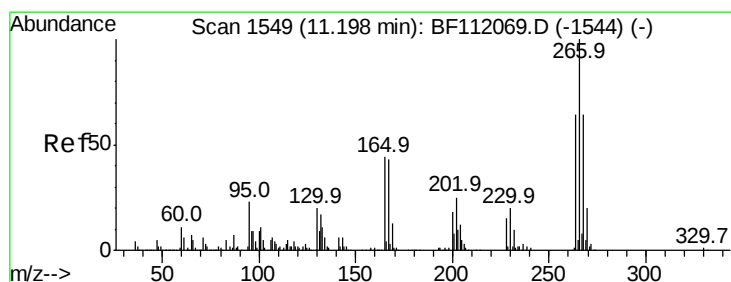
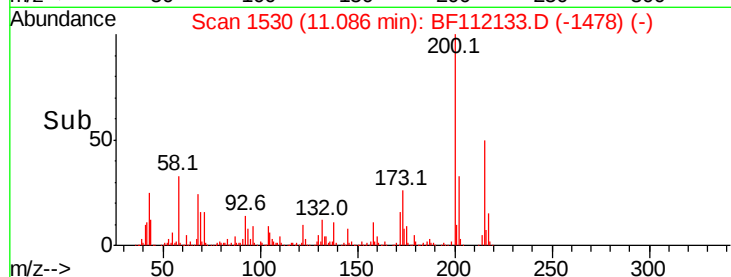
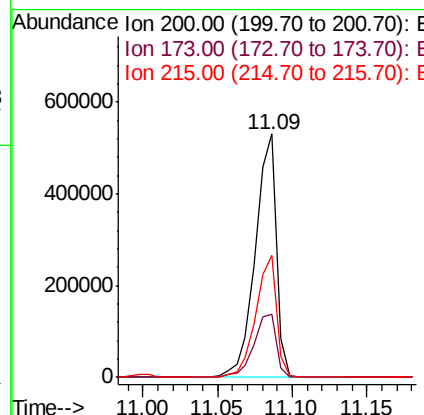
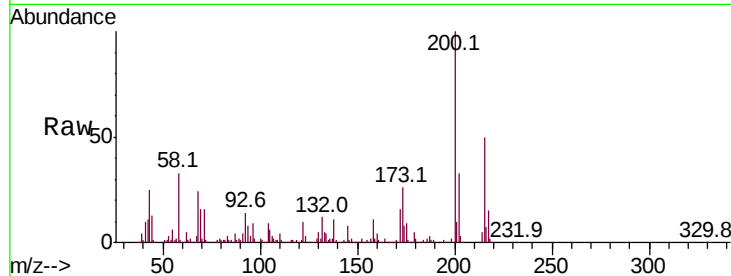
#69
Atrazine
Concen: 46.809 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.2	7.1	47.1	
215	50.3	30.4	70.4	

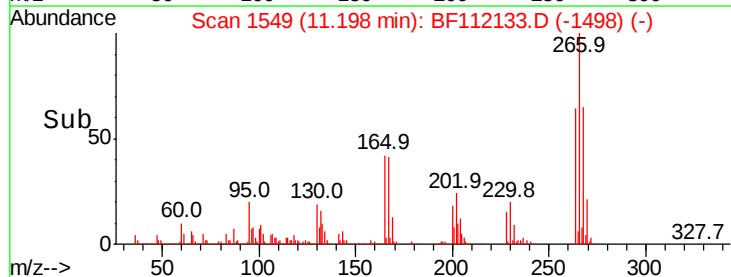
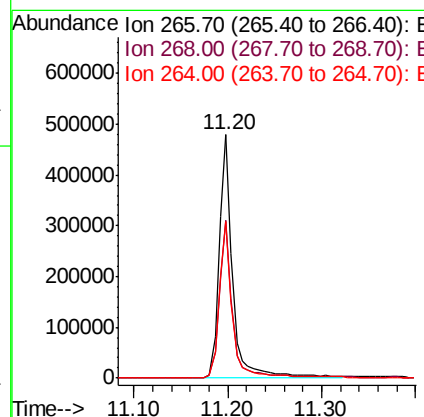
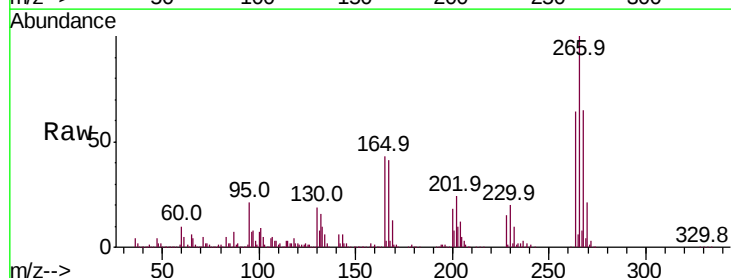
Manual Integrations
APPROVED

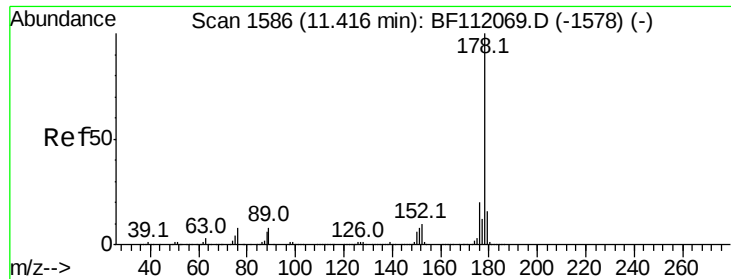
Sohil
1/21/2019 12:00:55 PM



#70
Pentachlorophenol
Concen: 79.077 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.9	51.2	76.8	
264	64.4	50.9	76.3	





#71

Phenanthrene

Concen: 43.700 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tot Ion:178 Resp: 2269912

Ion Ratio Lower Upper

178 100

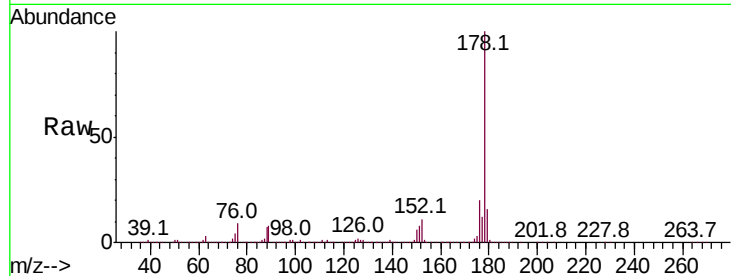
176 20.3 16.3 24.5

179 16.3 13.0 19.4

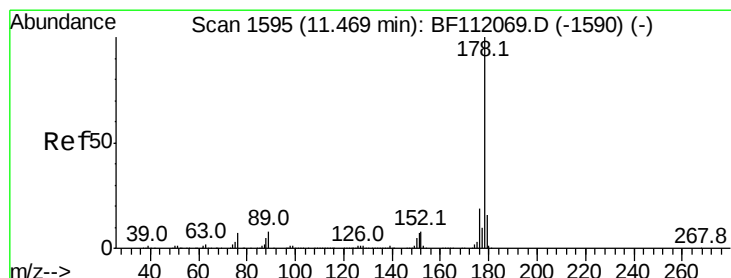
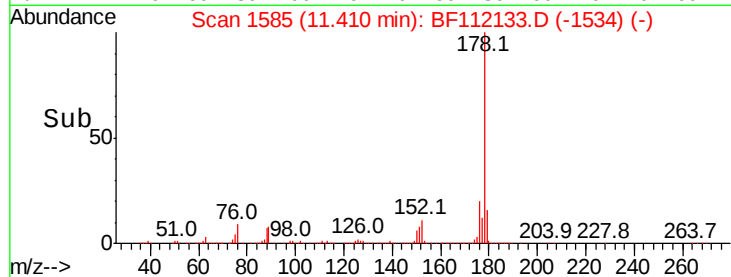
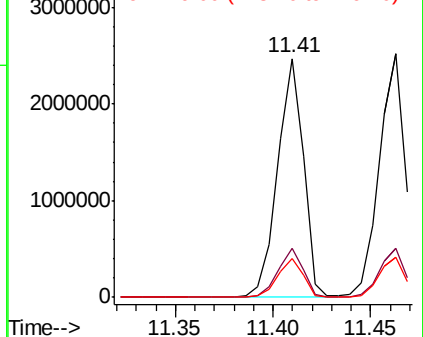
Manual Integrations
APPROVED

Sohil

1/21/2019 12:00:55 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.155 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion:178 Resp: 2323364

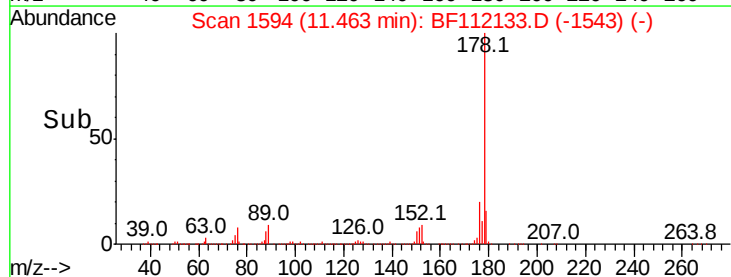
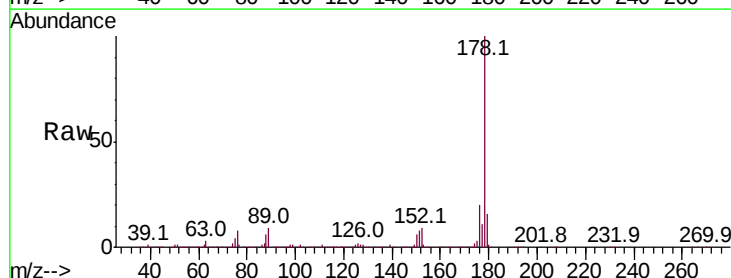
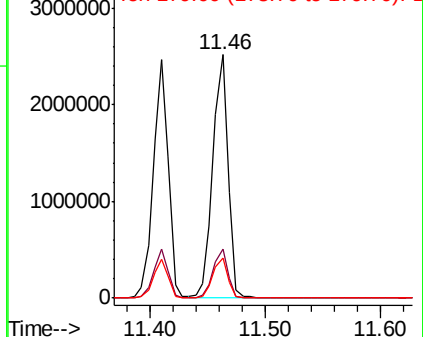
Ion Ratio Lower Upper

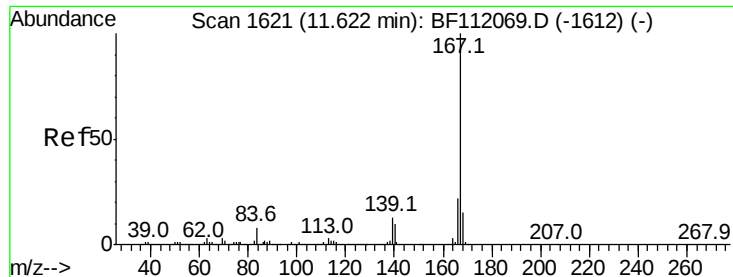
178 100

176 20.3 15.5 23.3

179 16.4 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





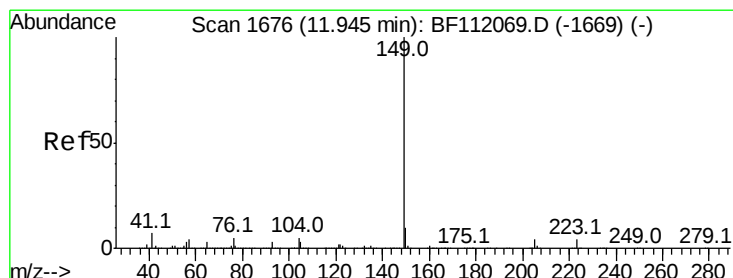
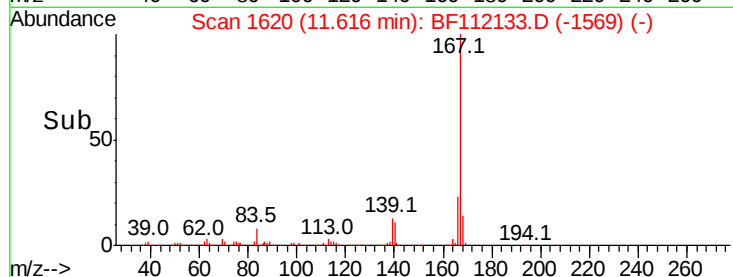
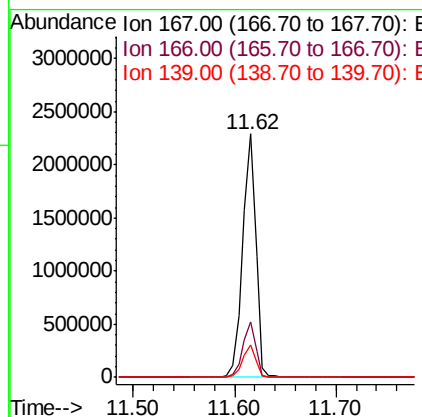
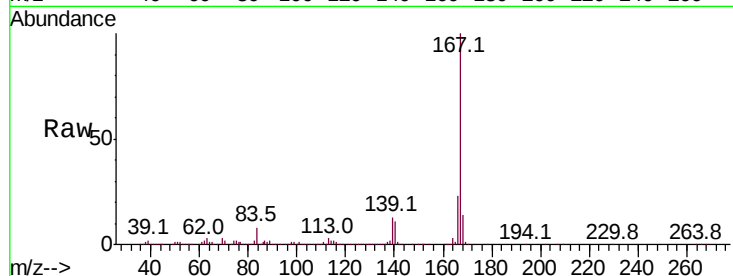
#73
 Carbazole
 Concen: 39.259 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.9	26.9
139	13.5	10.2	15.2

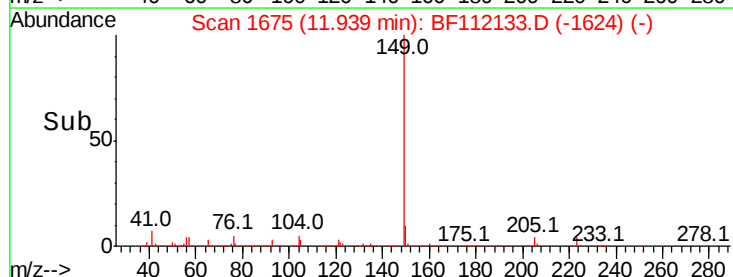
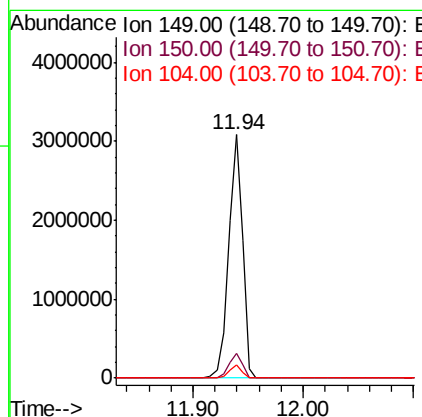
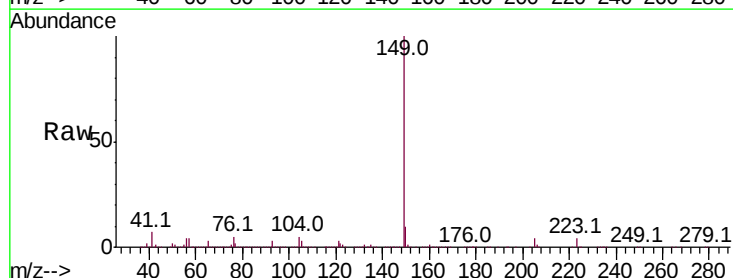
Manual Integrations
 APPROVED

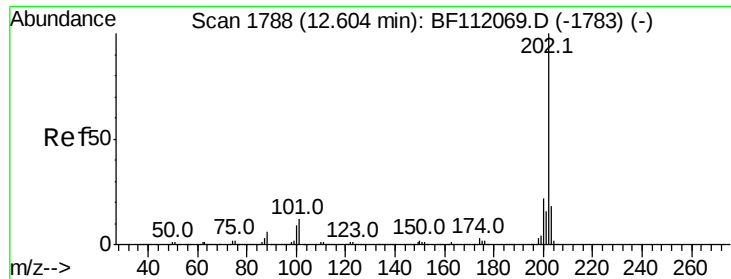
Sohil
 1/21/2019 12:00:55 PM



#74
 Di-n-butylphthalate
 Concen: 45.654 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	5.4	3.9	5.9





#75

Fluoranthene

Concen: 38.319 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tot Ion:202 Resp: 2101519

Ion Ratio Lower Upper

202 100

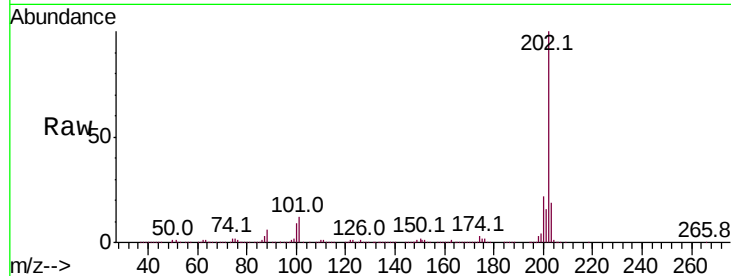
101 12.2 0.0 31.8

203 19.0 0.0 38.4

Manual Integrations
APPROVED

Sohil

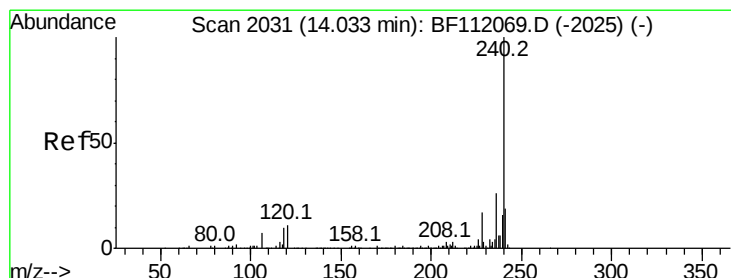
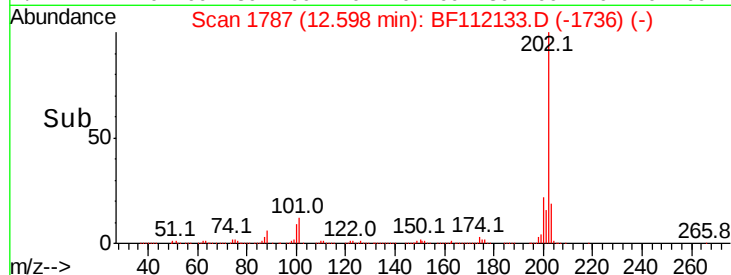
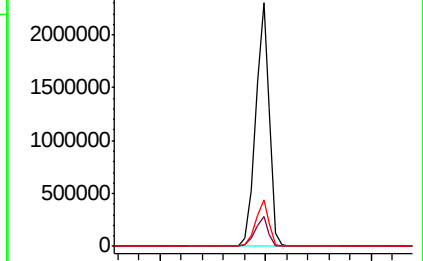
1/21/2019 12:00:55 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

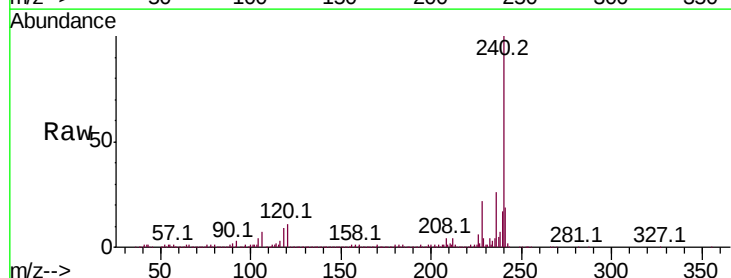
Tgt Ion:240 Resp: 613988

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

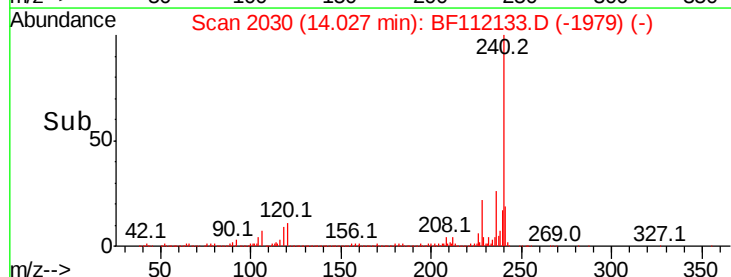
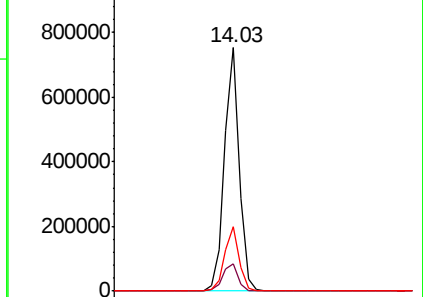
236 26.2 20.7 31.1

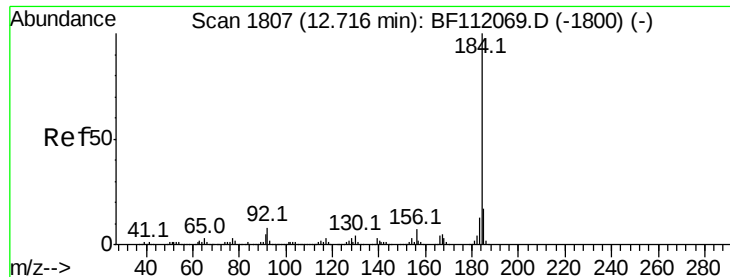


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.634 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

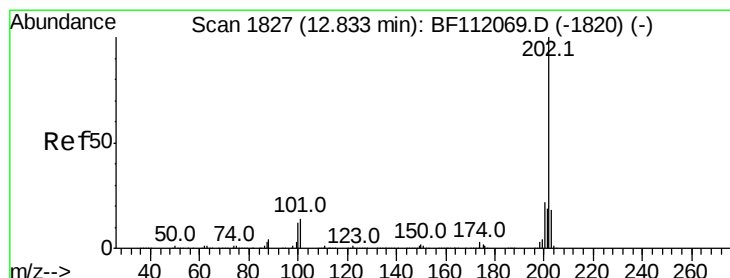
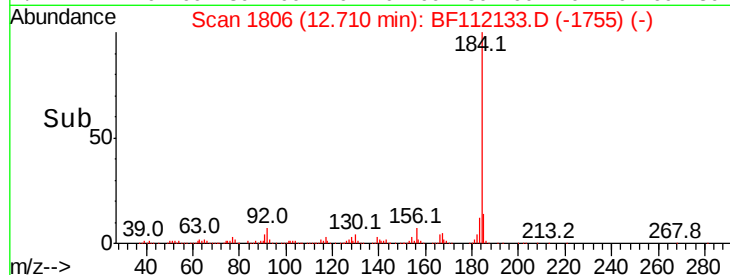
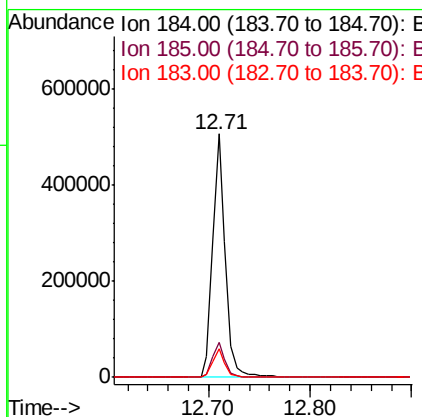
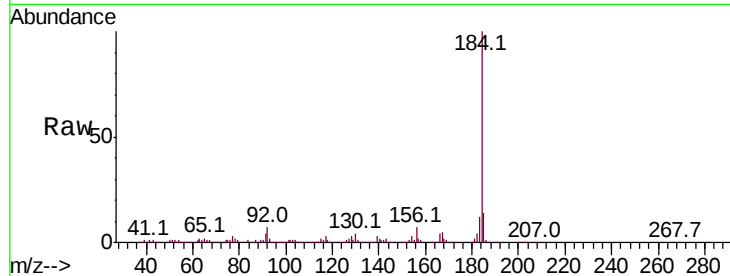
ClientSampleId :

OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.9	20.9
183	11.7	10.0	15.0

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



#78

Pyrene

Concen: 50.736 ng

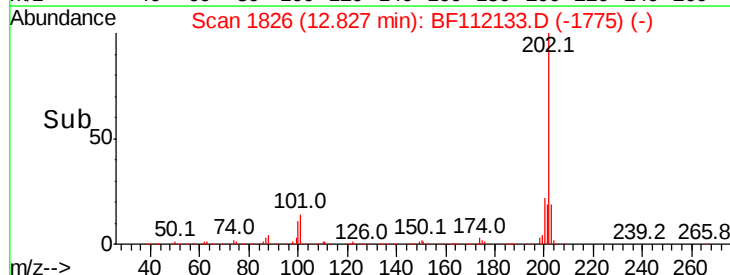
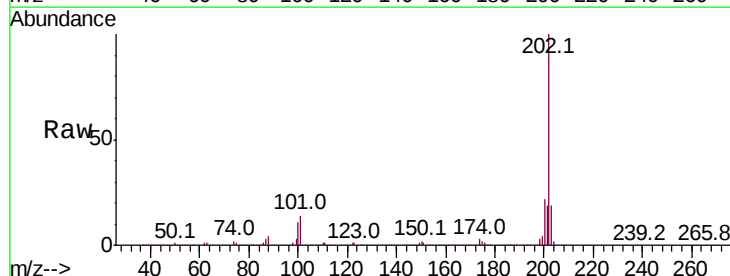
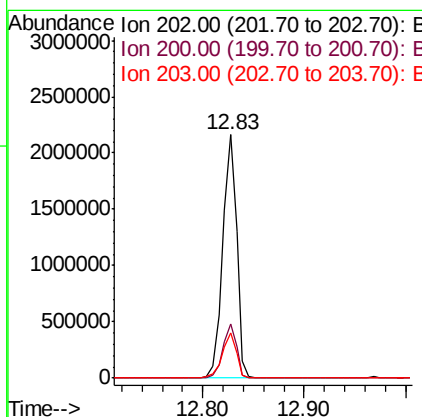
RT: 12.83 min Scan# 1826

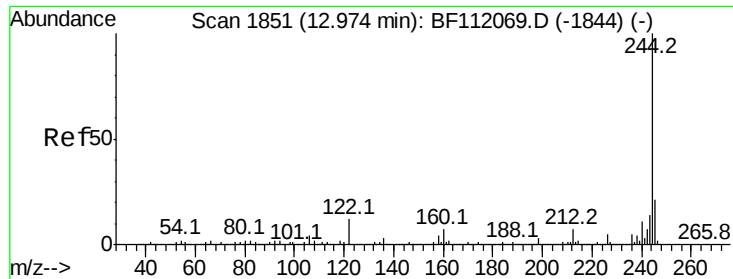
Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.6	14.6	22.0





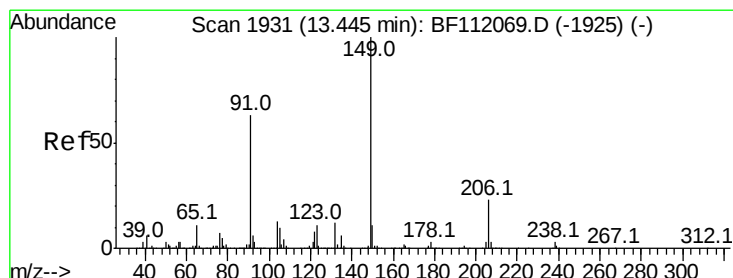
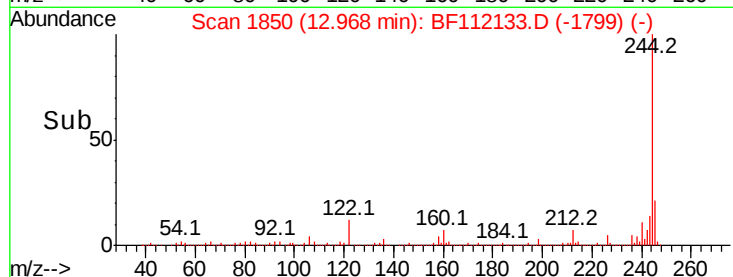
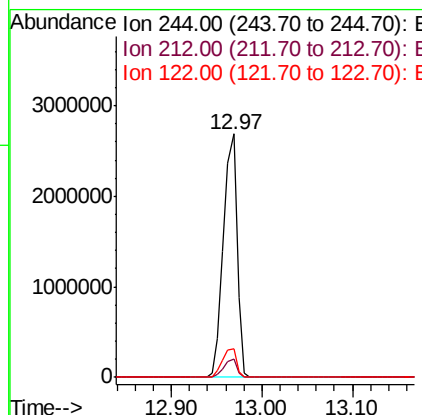
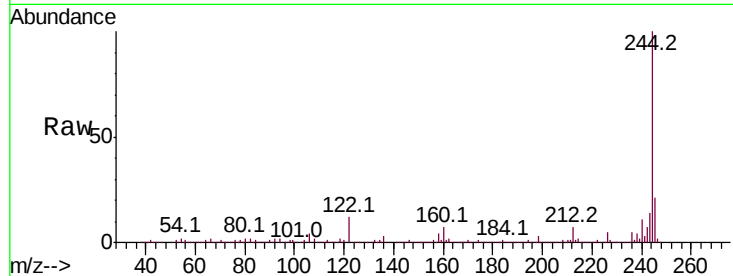
#79
 Terphenyl-d14
 Concen: 96.597 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tot Ion:244 Resp: 2787901
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.5 9.8 14.6

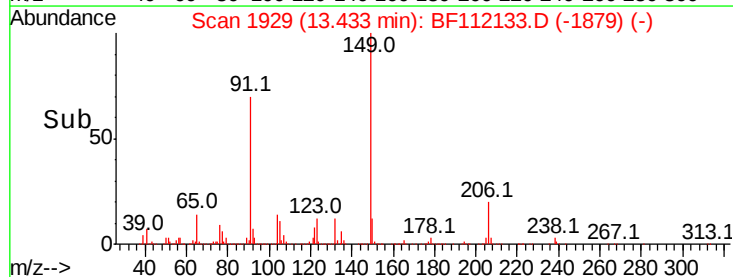
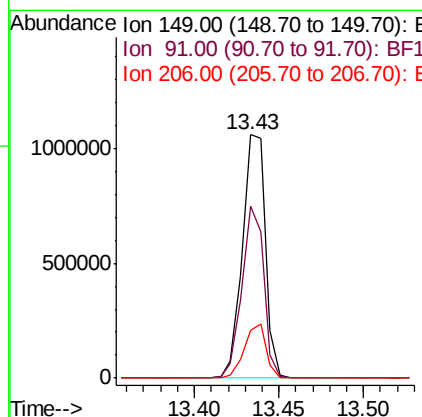
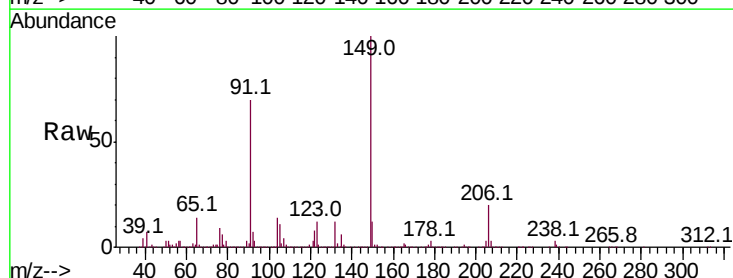
Manual Integrations
 APPROVED

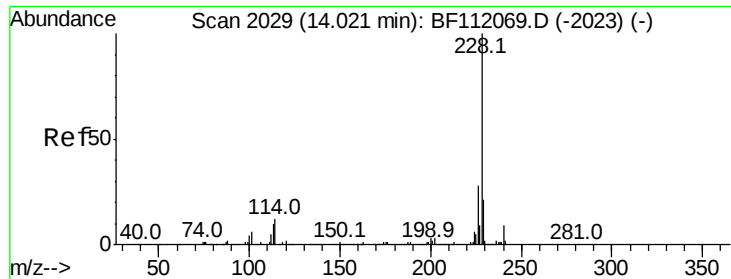
Sohil
 1/21/2019 12:00:55 PM



#80
 Butylbenzylphthalate
 Concen: 56.711 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion:149 Resp: 1007823
 Ion Ratio Lower Upper
 149 100
 91 70.4 50.3 75.5
 206 19.8 18.2 27.4





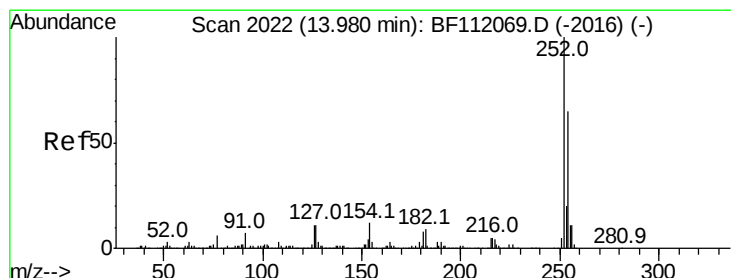
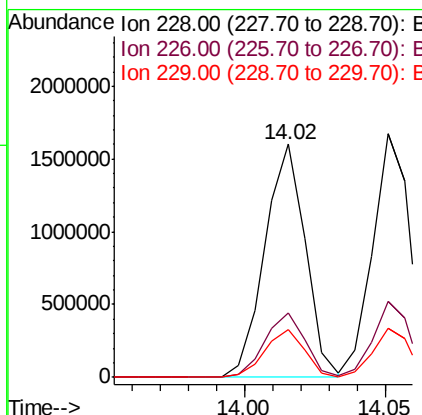
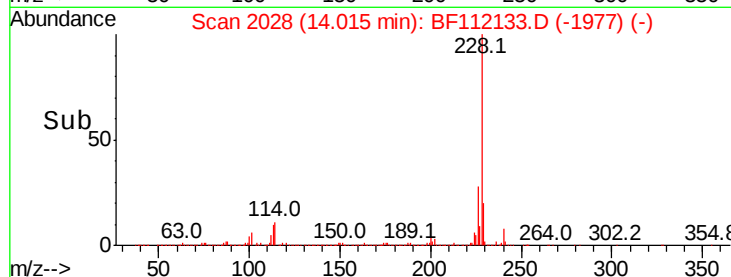
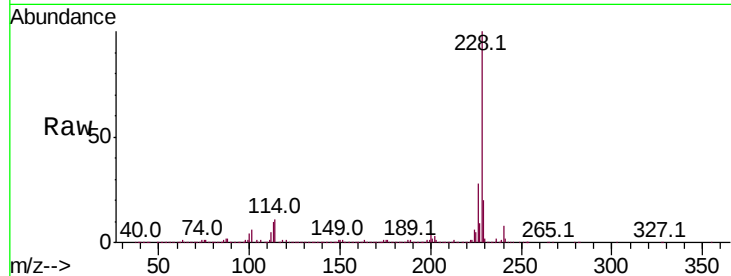
#81
Benzo(a)anthracene
Concen: 45.286 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	20.4	16.5	24.7

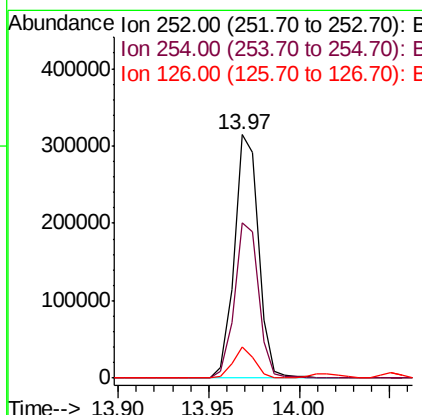
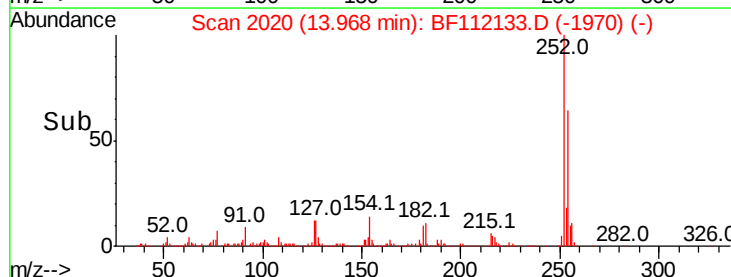
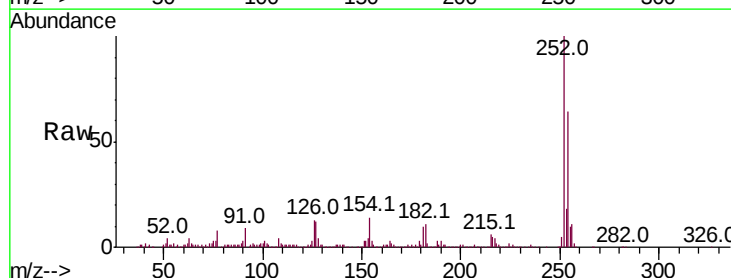
Manual Integrations
APPROVED

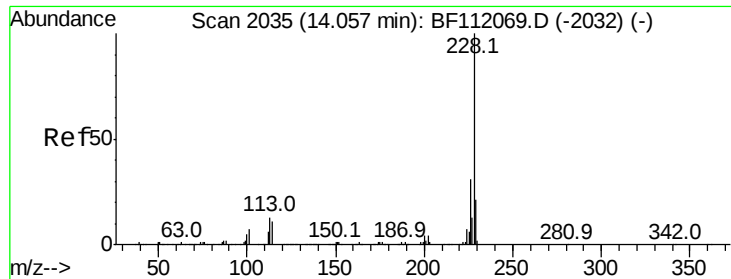
Sohil
1/21/2019 12:00:55 PM



#82
3,3'-Dichlorobenzidine
Concen: 22.216 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.6	77.4
126	12.6	8.6	12.8





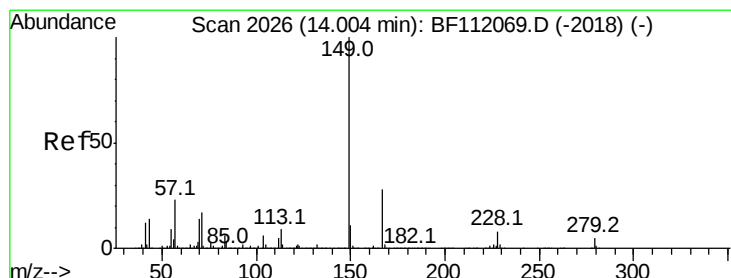
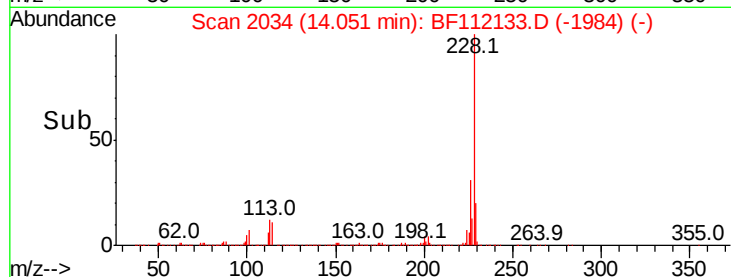
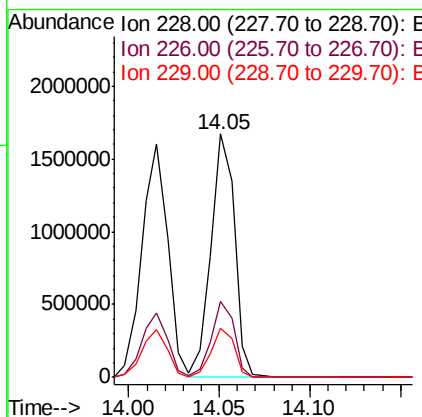
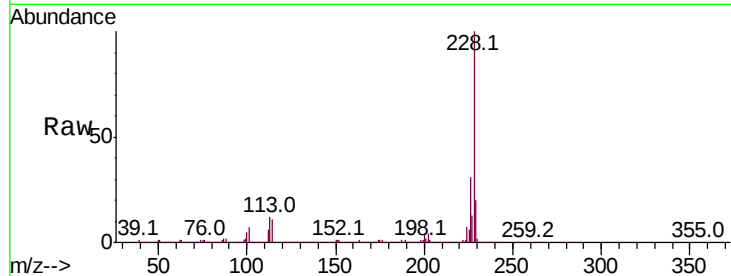
#83
Chrvsene
Concen: 45.330 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion:228 Resp: 1509989
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 20.3 16.6 24.8

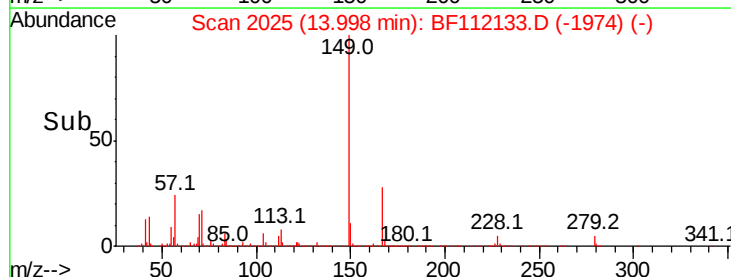
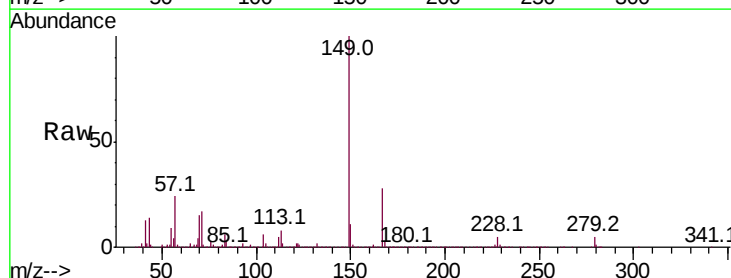
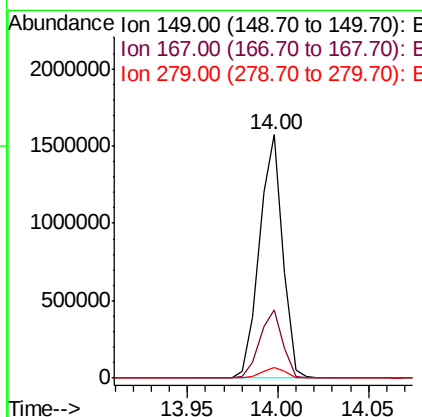
Manual Integrations
APPROVED

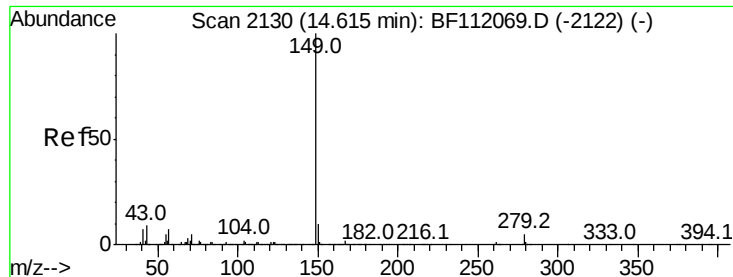
Sohil
1/21/2019 12:00:55 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.933 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:149 Resp: 1399099
Ion Ratio Lower Upper
149 100
167 27.8 22.5 33.7
279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 52.414 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tot Ion:149 Resp: 2056841

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

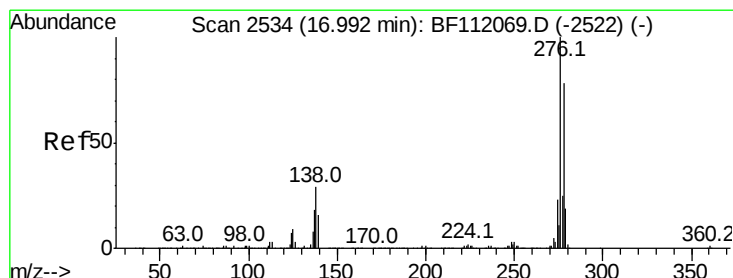
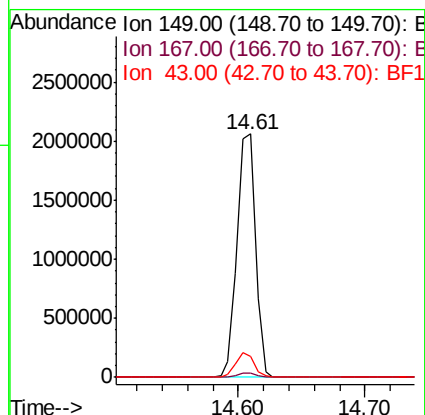
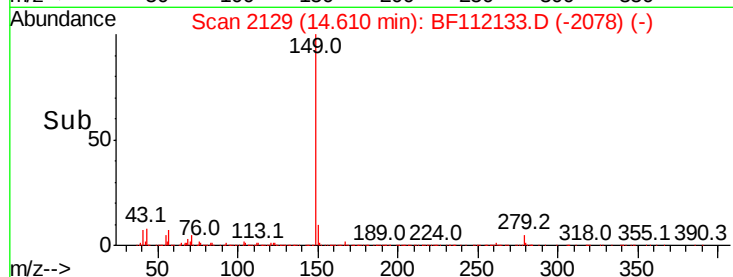
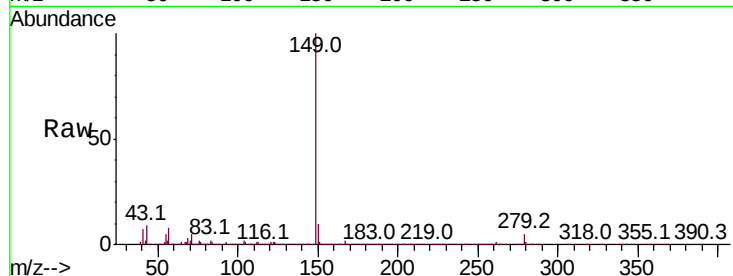
43 9.3 7.8 11.6

Manual Integrations

APPROVED

Sohil

1/21/2019 12:00:55 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.125 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

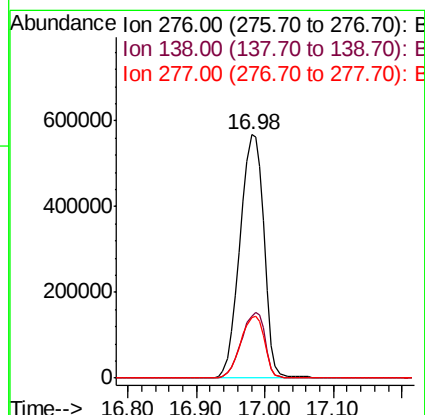
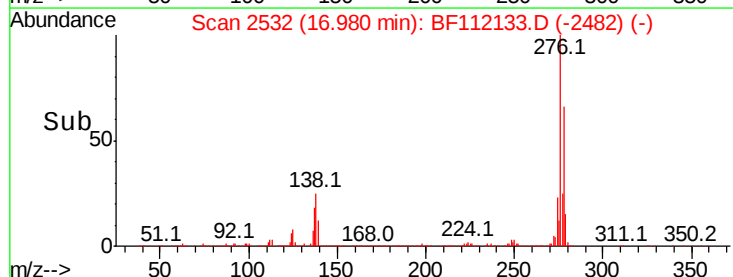
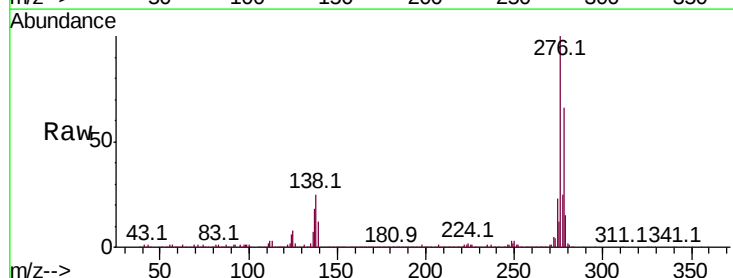
Tgt Ion:276 Resp: 1386799

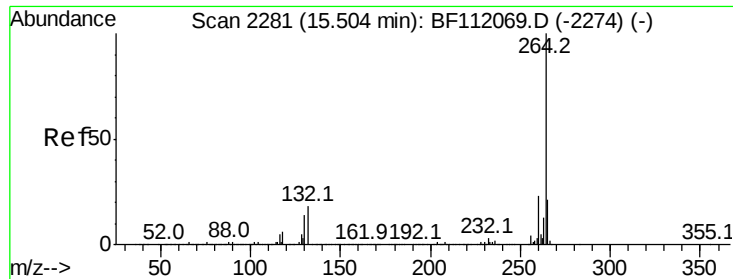
Ion Ratio Lower Upper

276 100

138 27.0 22.6 34.0

277 25.8 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

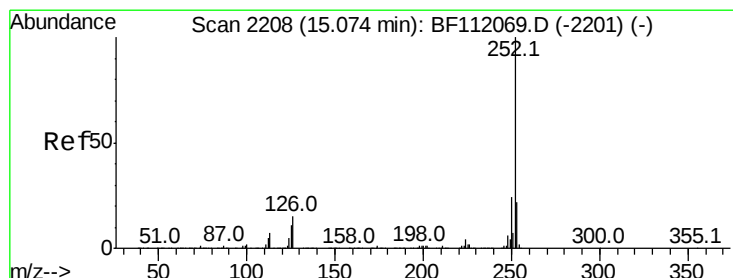
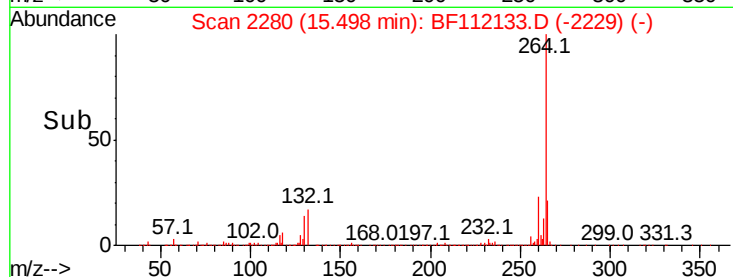
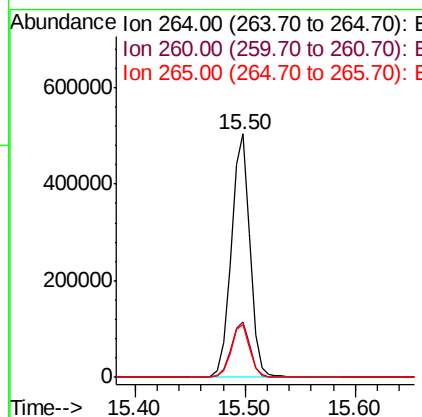
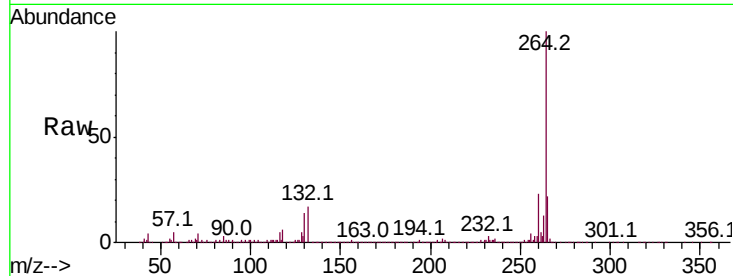
ClientSampleId :

OR-03-011719-AMS

Tot Ion:	264	Resp:	596673
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.2	27.2
265	21.5	17.0	25.4

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



#88

Benzo(b)fluoranthene

Concen: 45.035 ng

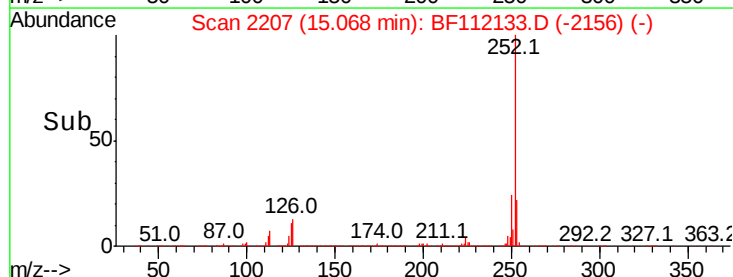
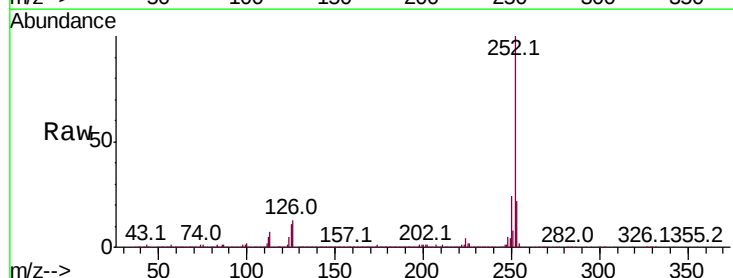
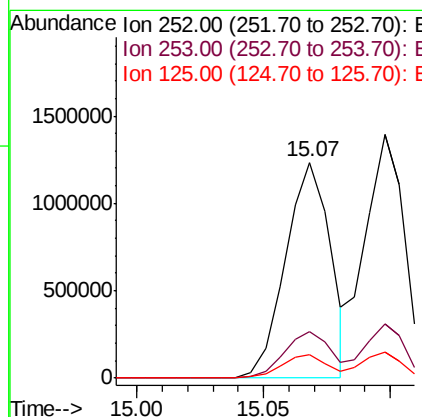
RT: 15.07 min Scan# 2207

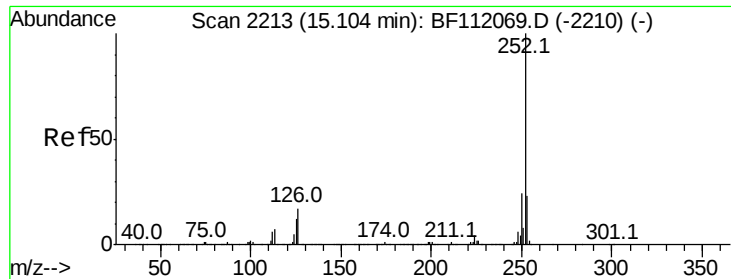
Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion:	252	Resp:	1525304
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	10.7	8.7	13.1





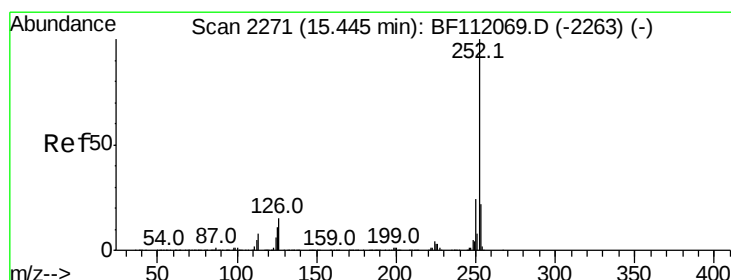
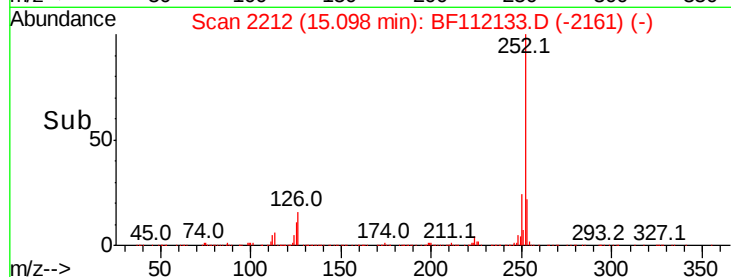
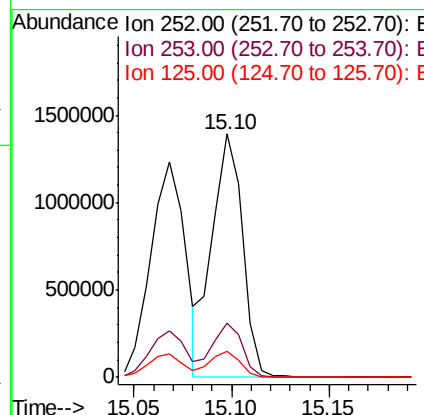
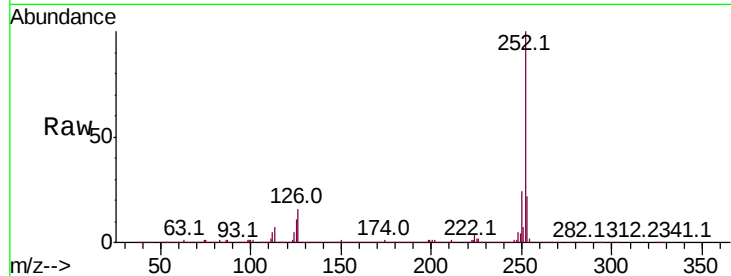
#89
Benzo(k)fluoranthene
Concen: 45.954 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.9	9.1	13.7

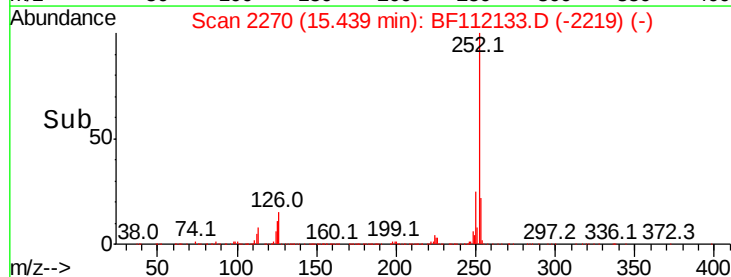
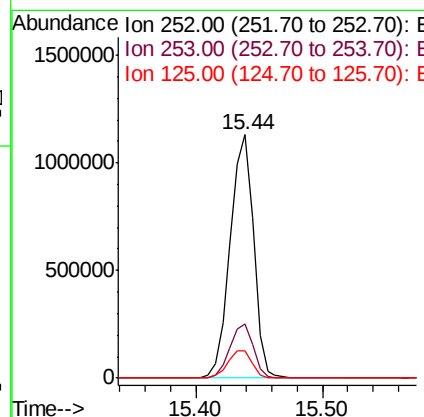
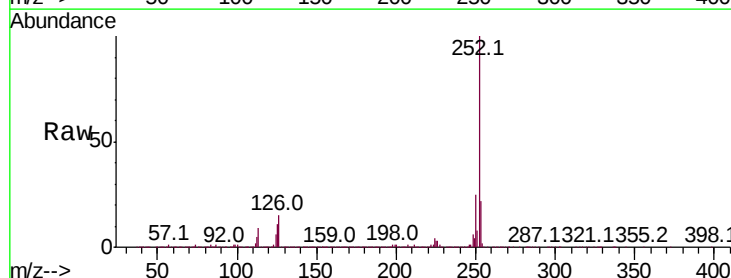
Manual Integrations
APPROVED

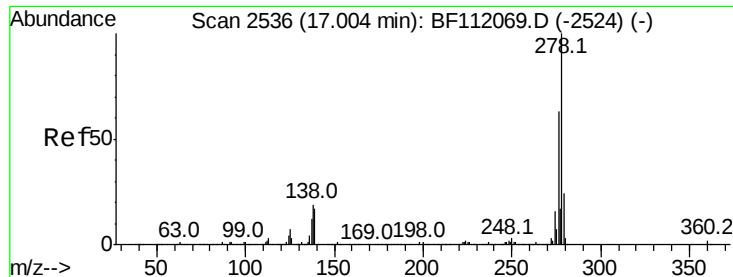
Sohil
1/21/2019 12:00:55 PM



#90
Benzo(a)pyrene
Concen: 46.440 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.4	9.0	13.4





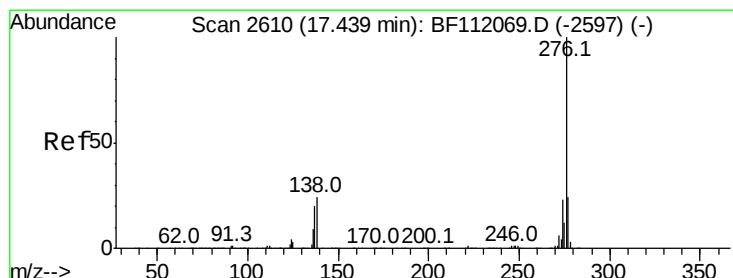
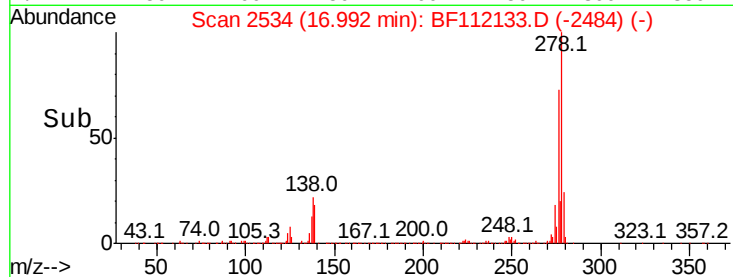
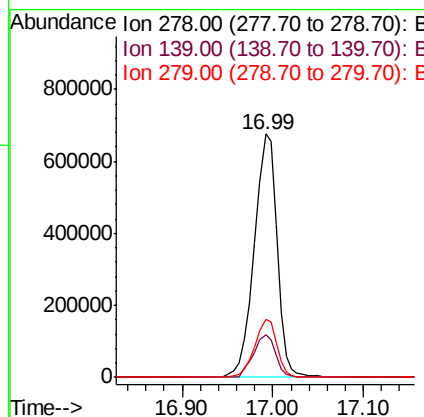
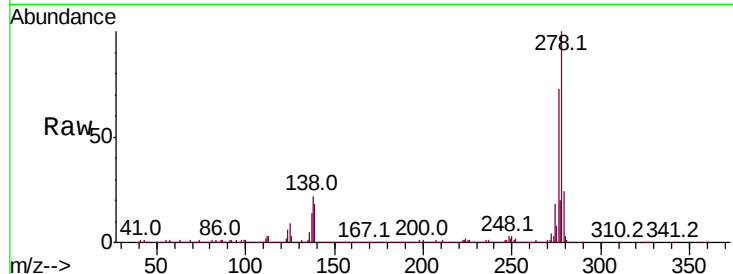
#91
Dibenzo(a,h)anthracene
Concen: 42.894 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tot Ion:278 Resp: 1183325
Ion Ratio Lower Upper
278 100
139 17.8 13.7 20.5
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:55 PM



#92
Benzo(g,h,i)perylene
Concen: 39.943 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:276 Resp: 1085578
Ion Ratio Lower Upper
276 100
277 22.7 19.4 29.0
138 22.8 19.1 28.7

