

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114234.D
 Acq On : 13 May 2019 17:34
 Operator : JU/SJ
 Sample : K2765-20MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:19 PM

Quant Time: May 14 05:46:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	218380	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	841810	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	410923	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	785051	20.00	ng	0.01
76) Chrysene-d12	14.04	240	365267	20.00	ng	0.02
87) Perylene-d12	15.54	264	476361	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1380733	101.75	ng	0.01
7) Phenol-d6	6.51	99	1861675	115.99	ng	0.02
23) Nitrobenzene-d5	7.42	82	1233449	82.23	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	386747	91.04	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1658260	61.04	ng	0.00
79) Terphenyl-d14	12.96	244	1360943	76.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	239679	32.133	ng	98
3) Pyridine	3.40	79	422808	20.574	ng	94
4) n-Nitrosodimethylamine	3.33	42	346491	34.963	ng	92
6) Aniline	6.52	93	182498	7.872	ng	# 1
8) 2-Chlorophenol	6.65	128	620021	42.799	ng	94
9) Benzaldehyde	6.40	77	308906	27.492	ng	100
10) Phenol	6.52	94	747935	39.614	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	632384	44.118	ng	96
12) 1,3-Dichlorobenzene	6.80	146	629688	38.722	ng	99
13) 1,4-Dichlorobenzene	6.87	146	636822	38.862	ng	97
14) 1,2-Dichlorobenzene	7.03	146	606385	40.504	ng	100
15) Benzyl Alcohol	7.00	79	530225	42.357	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1118623	40.249	ng	86
17) 2-Methylphenol	7.12	107	467626	39.295	ng	# 93
18) Hexachloroethane	7.37	117	228125	37.088	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	433970	42.658	ng	99
20) 3+4-Methylphenols	7.27	107	599607	43.609	ng	# 60
22) Acetophenone	7.26	105	847703	45.456	ng	# 90
24) Nitrobenzene	7.44	77	674125	44.125	ng	96
25) Isophorone	7.68	82	1227336	44.118	ng	99
26) 2-Nitrophenol	7.76	139	346396	46.733	ng	98
27) 2,4-Dimethylphenol	7.80	122	494842	42.507	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	788302	43.673	ng	99
29) 2,4-Dichlorophenol	8.00	162	514580	44.390	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	533603	40.480	ng	99
31) Naphthalene	8.16	128	2319735	58.993	ng	100
32) Benzoic acid	7.92	122	225810	30.245	ng	98
33) 4-Chloroaniline	8.21	127	190443	10.628	ng	97
34) Hexachlorobutadiene	8.27	225	289051	38.539	ng	98
35) Caprolactam	8.60	113	154804	40.954	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	539800	46.261	ng	100
37) 2-Methylnaphthalene	8.85	142	1406869	55.453	ng	97
38) 1-Methylnaphthalene	8.95	142	1240023	51.901	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	516039	41.456	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114234.D
 Acq On : 13 May 2019 17:34
 Operator : JU/SJ
 Sample : K2765-20MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

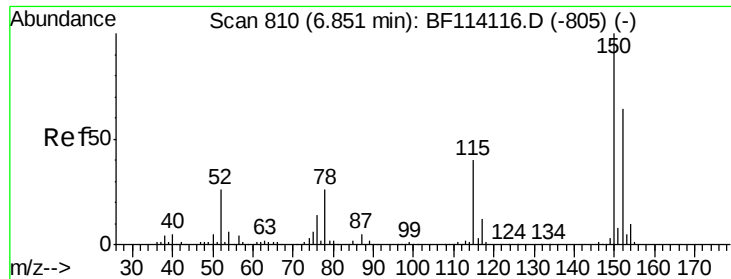
Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:19 PM

Quant Time: May 14 05:46:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	120750	24.020	nq	97
43) 2,4,6-Trichlorophenol	9.13	196	359566	41.996	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	378751	43.135	nq	97
46) 1,1'-Biphenyl	9.32	154	1466127	44.164	nq	98
47) 2-Chloronaphthalene	9.34	162	1048047	39.228	nq	99
48) 2-Nitroaniline	9.44	65	381993	40.316	nq	97
49) Acenaphthylene	9.76	152	2653068	65.291	nq	99
50) Dimethylphthalate	9.61	163	1561535	51.765	nq	99
51) 2,6-Dinitrotoluene	9.68	165	286118	42.763	nq	90
52) Acenaphthene	9.93	154	976955	39.180	nq	99
53) 3-Nitroaniline	9.85	138	167007	20.108	nq	97
54) 2,4-Dinitrophenol	9.96	184	175154	54.418	nq	98
55) Dibenzofuran	10.10	168	1460280	39.938	nq	98
56) 4-Nitrophenol	10.03	139	406338	69.181	nq	90
57) 2,4-Dinitrotoluene	10.09	165	372462	41.014	nq	# 90
58) Fluorene	10.45	166	1275353	45.158	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	303873m	40.108	nq	
60) Diethylphthalate	10.31	149	1269763	41.428	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	555909	40.077	nq	97
62) 4-Nitroaniline	10.46	138	217214	24.888	nq	93
63) Azobenzene	10.59	77	1204834	40.611	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	125763	33.339	nq	87
66) n-Nitrosodiphenylamine	10.55	169	1034799	43.431	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	355550	41.134	nq	96
68) Hexachlorobenzene	11.00	284	368273	38.513	nq	99
69) Atrazine	11.09	200	329551	44.446	nq	99
70) Pentachlorophenol	11.20	266	347982	76.768	nq	99
71) Phenanthrene	11.42	178	4614185	120.810	nq	97
72) Anthracene	11.46	178	2208025	57.557	nq	100
73) Carbazole	11.62	167	1466422	40.086	nq	99
74) Di-n-butylphthalate	11.94	149	1946409	46.183	nq	98
75) Fluoranthene	12.62	202	5524097	134.309	nq	94
77) Benzidine	12.70	184	6784	0.414	nq	# 1
78) Pyrene	12.86	202	8058341	274.243	nq	93
80) Butylbenzylphthalate	13.44	149	755957	61.122	nq	99
81) Benzo(a)anthracene	14.04	228	4058081	171.769	nq	# 86
82) 3,3'-Dichlorobenzidine	13.99	252	28736	3.135	nq	# 86
83) Chrysene	14.08	228	4053504	175.026	nq	95
84) Bis(2-ethylhexyl)phthalate	14.00	149	1157426	71.553	nq	99
85) Di-n-octyl phthalate	14.63	149	1702587	64.930	nq	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	2475906	120.965	nq	99
88) Benzo(b)fluoranthene	15.12	252	4747663	155.567	nq	# 96
89) Benzo(k)fluoranthene	15.15	252	1921933m	68.557	nq	
90) Benzo(a)pyrene	15.50	252	3620030	134.781	nq	100
91) Dibenzo(a,h)anthracene	17.06	278	1217403	54.547	nq	99
92) Benzo(g,h,i)perylene	17.51	276	2477082	110.750	nq	98

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



#1

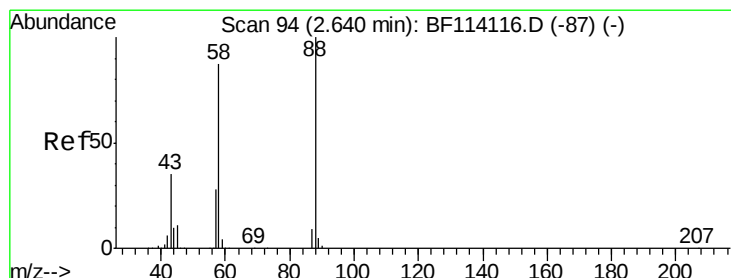
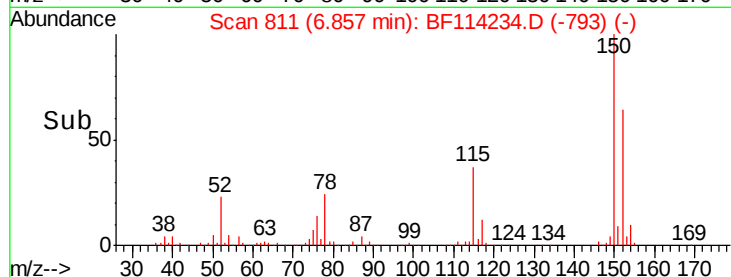
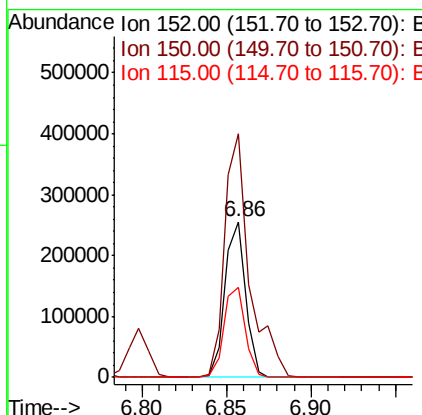
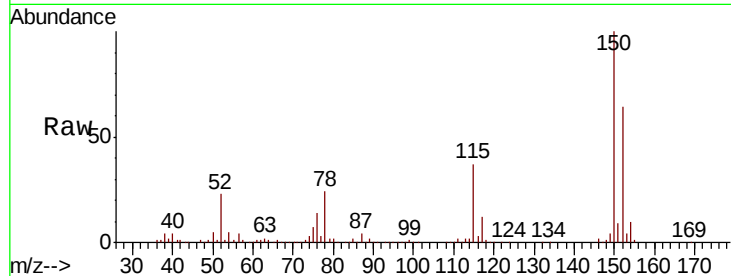
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	57.7	49.1	73.7

Manual Integrations
APPROVED

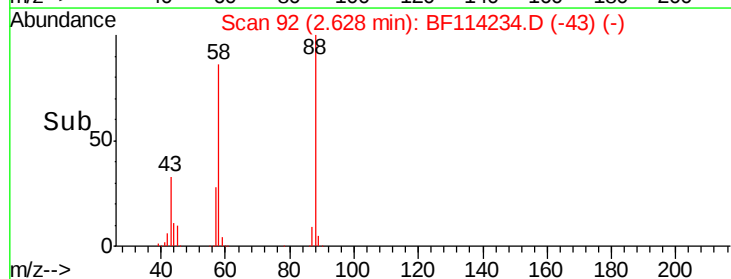
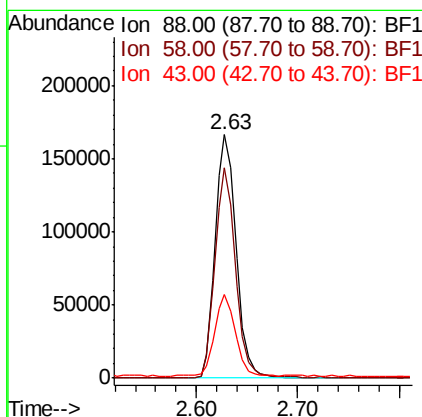
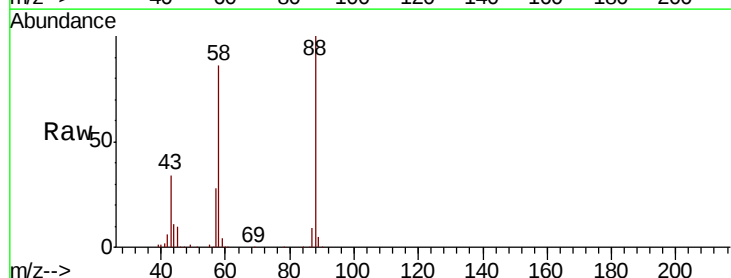
Sohil
5/14/2019 8:03:19 PM

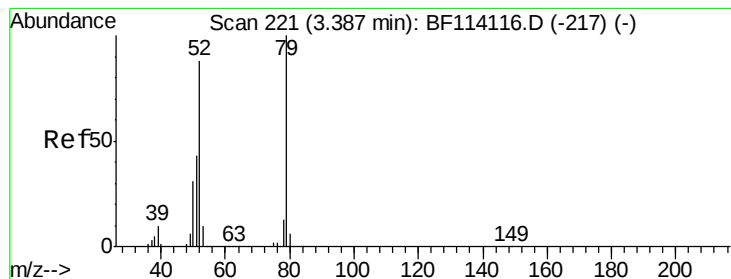


#2

1,4-Dioxane
Concen: 32.133 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	68.7	103.1
43	33.0	28.2	42.2





#3

Pvridine

Concen: 20.574 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

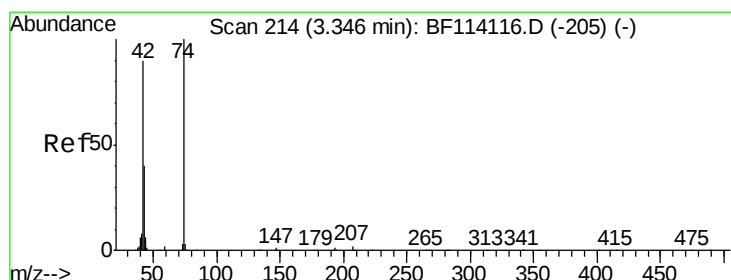
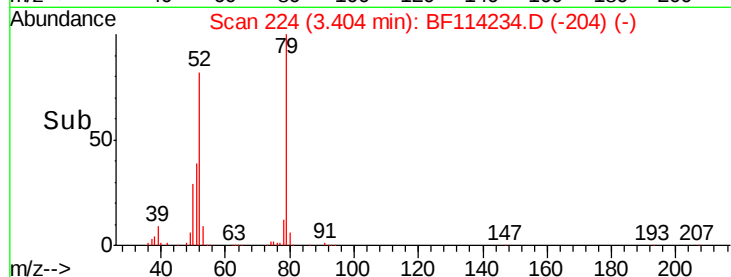
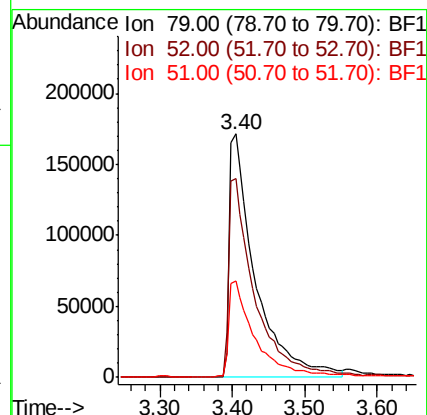
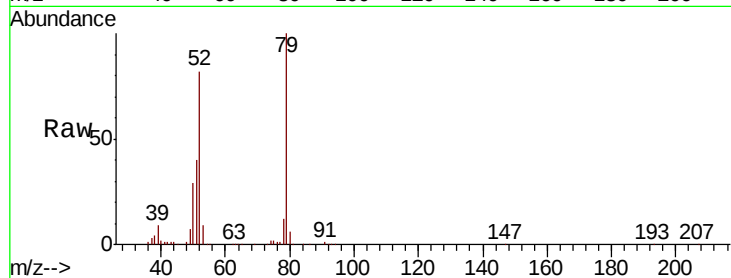
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	79	Resp:	422808
Ion Ratio	Lower	Upper	
79	100		
52	81.6	70.6	105.8
51	39.5	34.2	51.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



#4

n-Nitrosodimethylamine

Concen: 34.963 ng

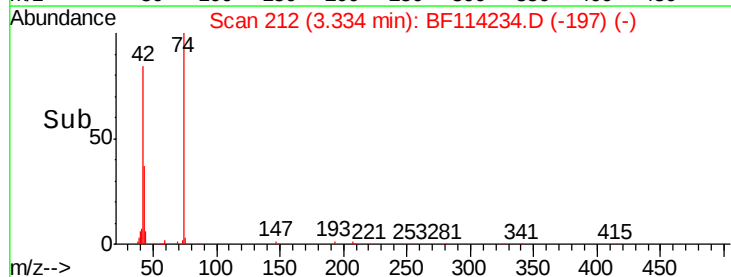
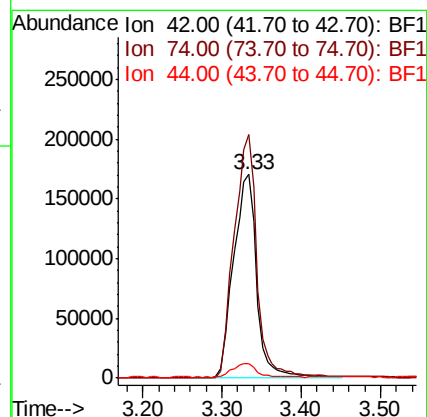
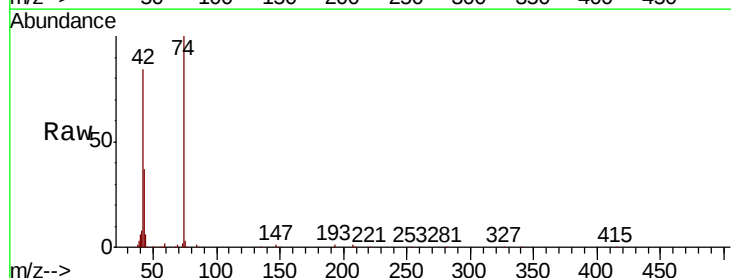
RT: 3.33 min Scan# 212

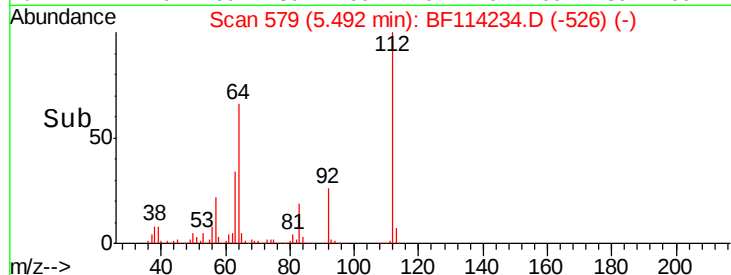
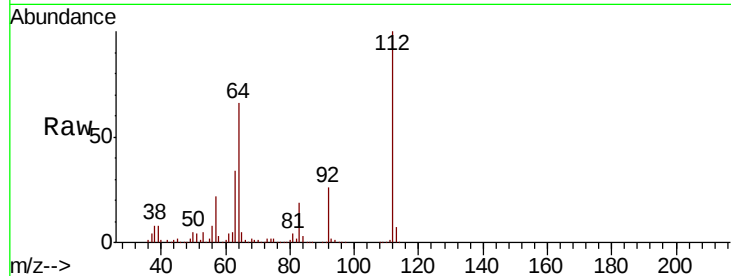
Delta R.T. -0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion:	42	Resp:	346491
Ion Ratio	Lower	Upper	
42	100		
74	119.7	88.6	132.8
44	7.3	5.5	8.3





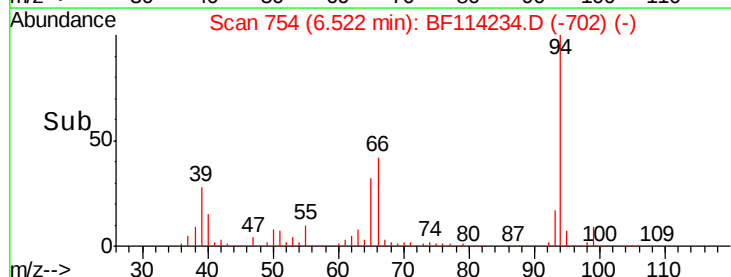
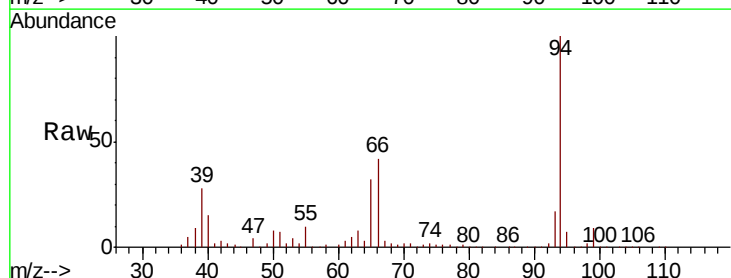
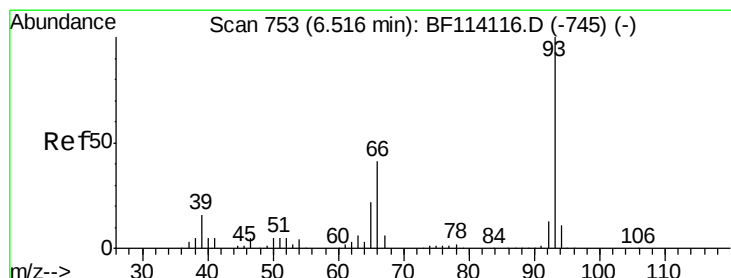
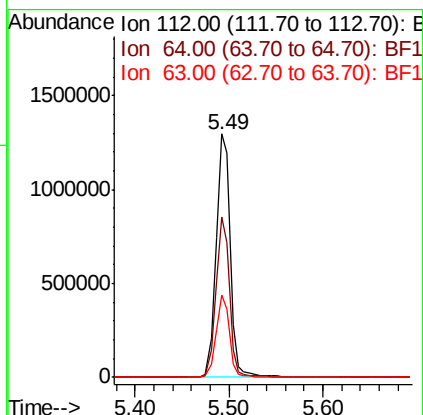
#5
2-Fluorophenol
Concen: 101.747 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.8	49.0	73.6
63	34.0	24.6	37.0

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

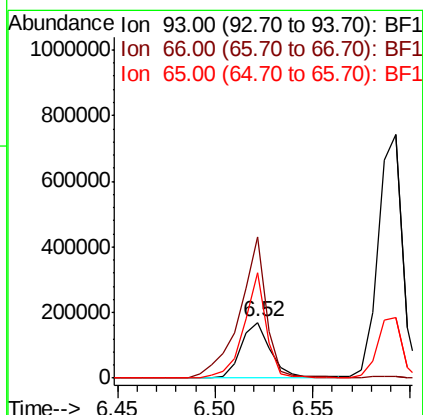
Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



#6
Aniline
Concen: 7.872 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	252.4	33.2	49.8#
65	189.9	17.6	26.4#





#7

Phenol-d6

Concen: 115.993 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 99 Resp: 1861675

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

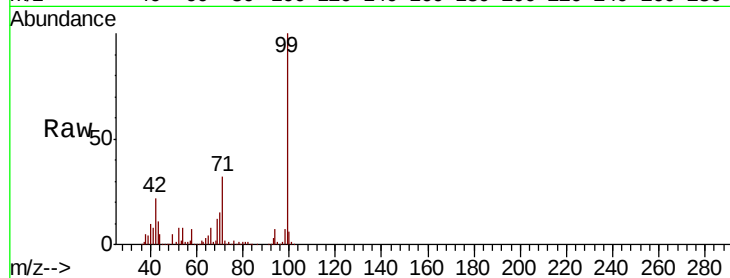
71 32.4 26.2 39.2

Manual Integrations

APPROVED

Sohil

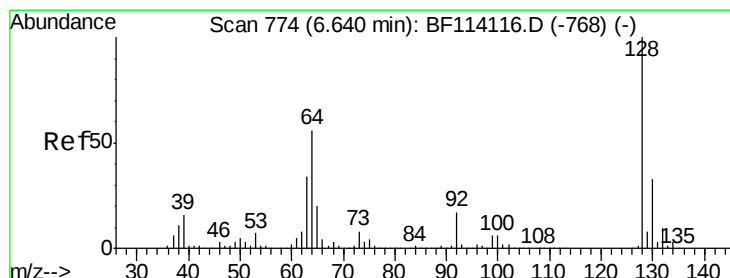
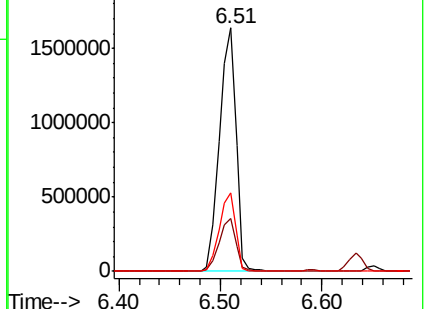
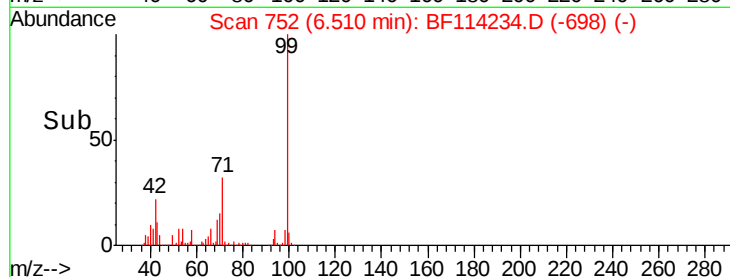
5/14/2019 8:03:19 PM



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: 42.799 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

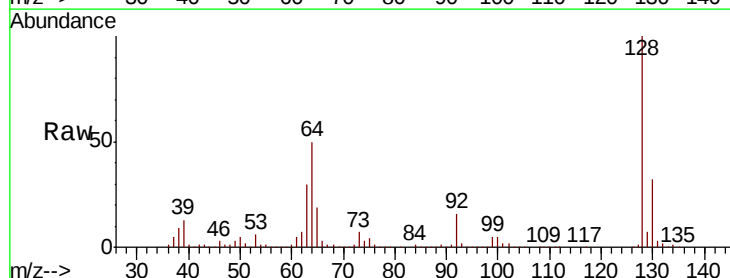
Tgt Ion: 128 Resp: 620021

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

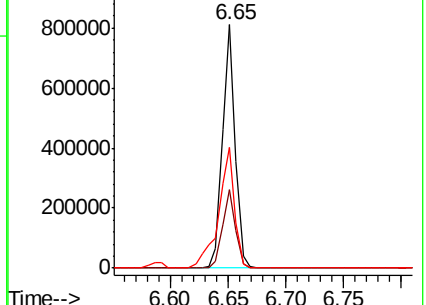
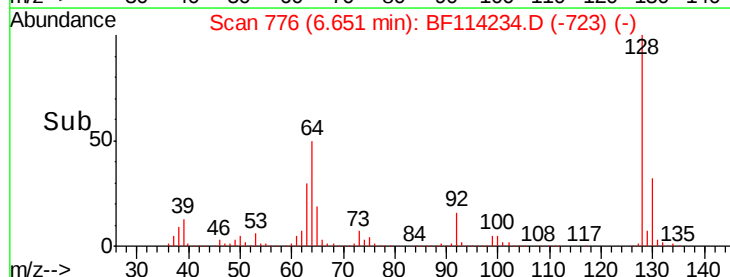
64 49.5 35.9 75.9

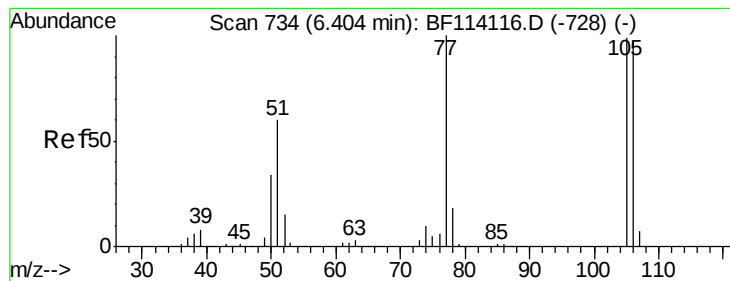


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.492 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

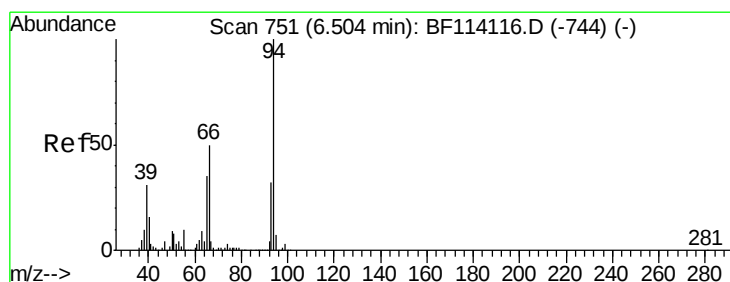
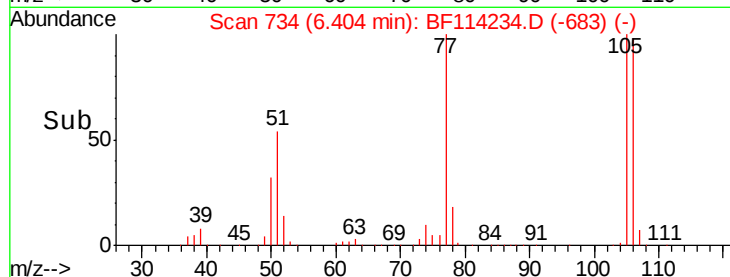
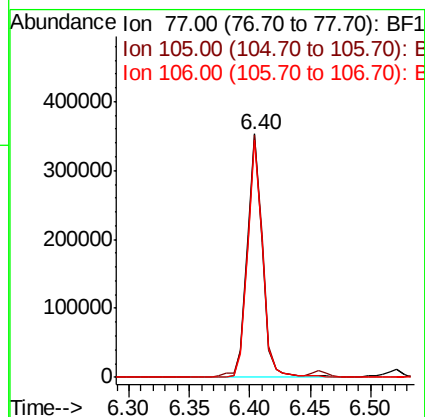
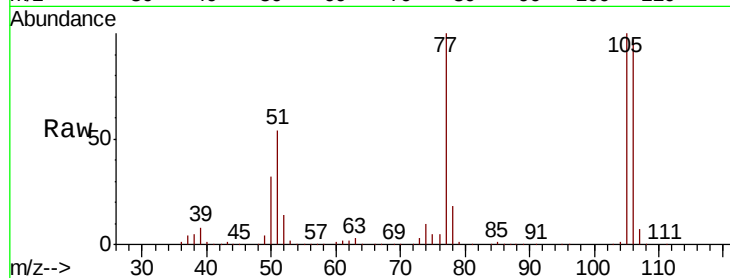
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	77	Resp:	308906
Ion Ratio	Lower	Upper	
77	100		
105	99.6	79.3	119.3
106	97.4	77.0	117.0

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



#10

Phenol

Concen: 39.614 ng

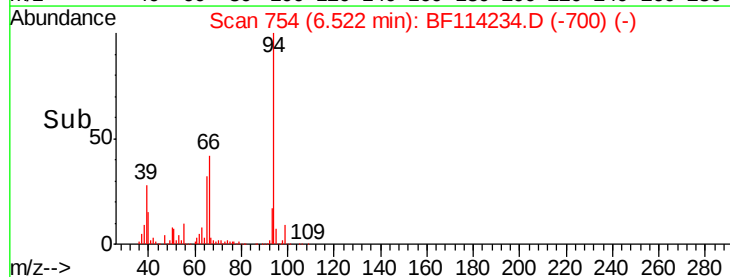
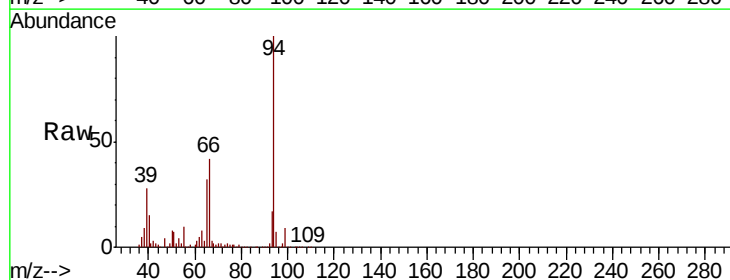
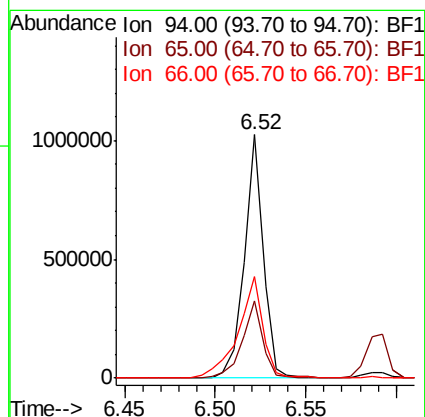
RT: 6.52 min Scan# 754

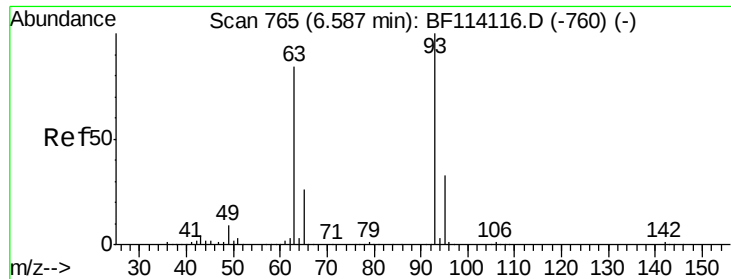
Delta R.T. 0.02 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion:	94	Resp:	747935
Ion Ratio	Lower	Upper	
94	100		
65	31.5	14.7	54.7
66	41.9	29.6	69.6





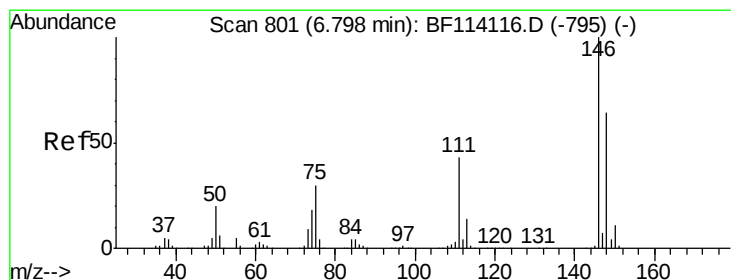
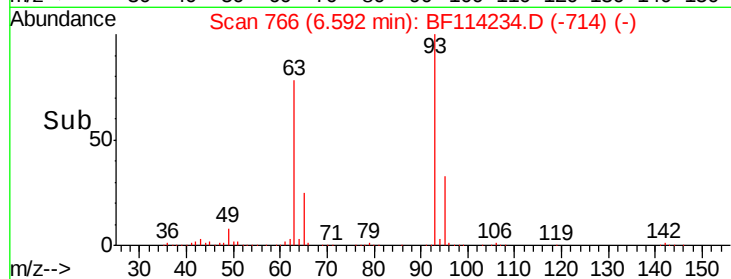
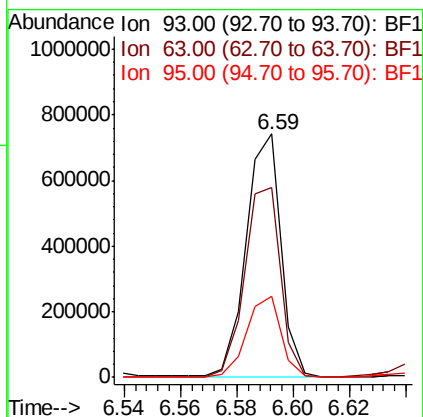
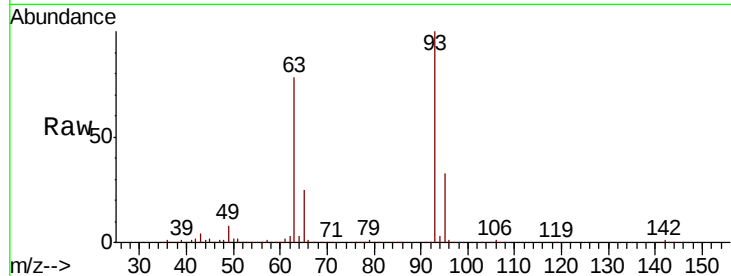
#11
bis(2-Chloroethyl)ether
Concen: 44.118 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion:	93	Resp:	632384
Ion	Ratio	Lower	Upper
93	100		
63	78.0	63.6	103.6
95	33.1	13.1	53.1

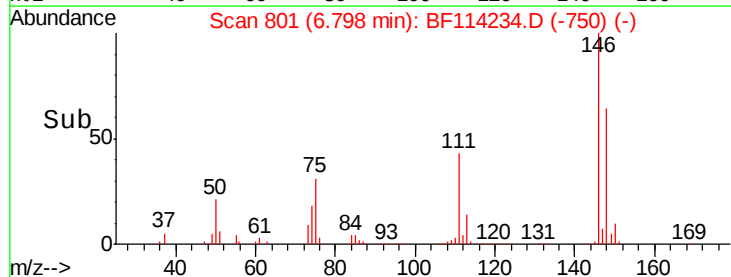
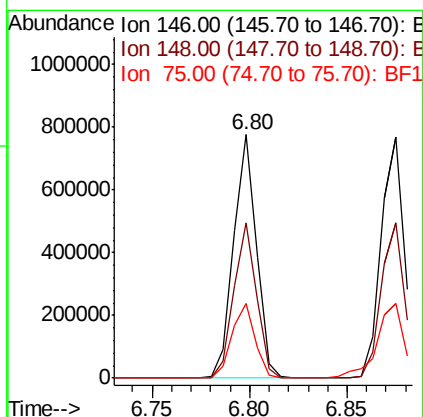
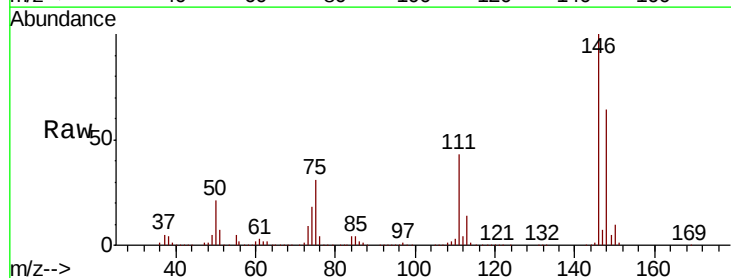
Manual Integrations
APPROVED

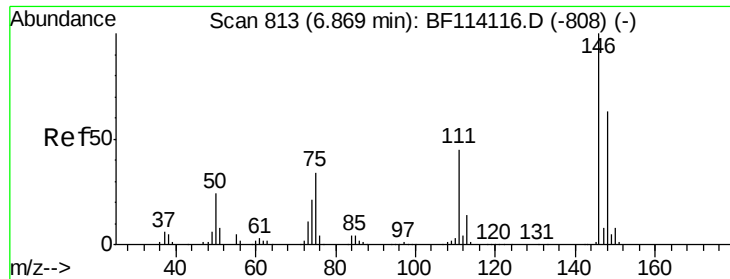
Sohil
5/14/2019 8:03:19 PM



#12
1,3-Dichlorobenzene
Concen: 38.722 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:	146	Resp:	629688
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
75	30.9	24.2	36.2





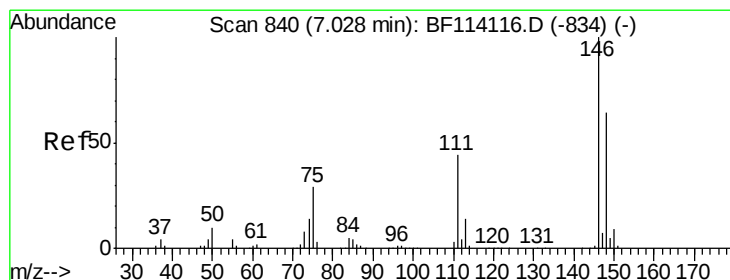
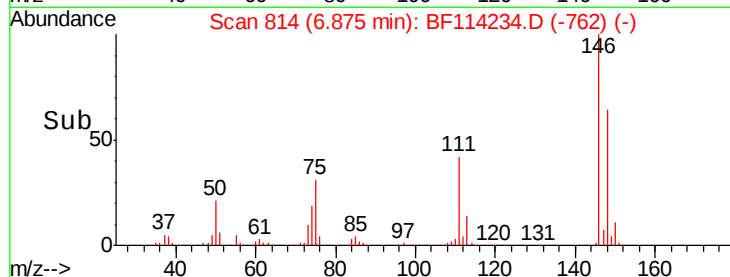
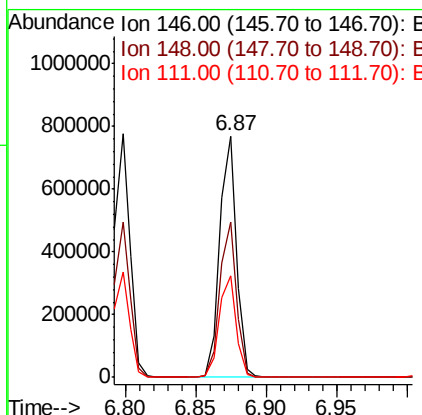
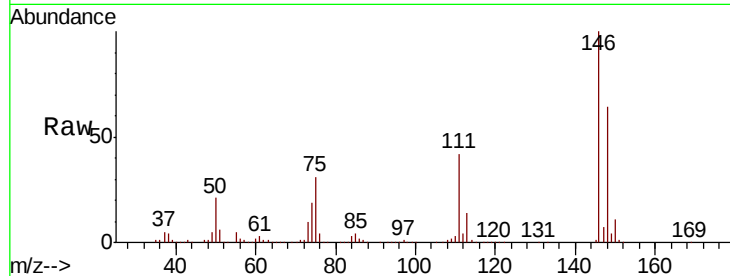
#13
1,4-Dichlorobenzene
Concen: 38.862 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	42.0	35.8	53.6

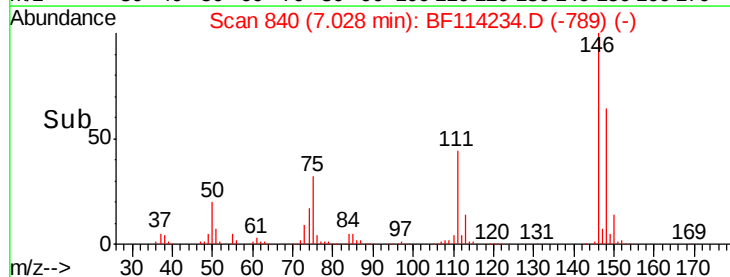
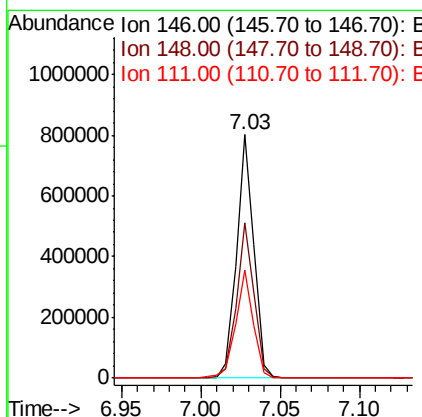
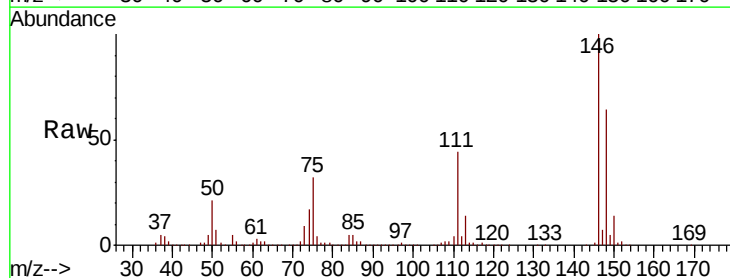
Manual Integrations
APPROVED

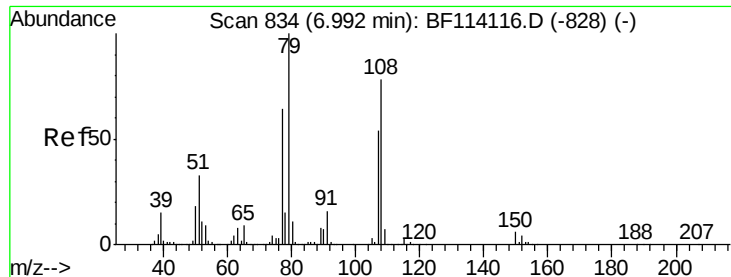
Sohil
5/14/2019 8:03:19 PM



#14
1,2-Dichlorobenzene
Concen: 40.504 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	44.1	35.3	52.9





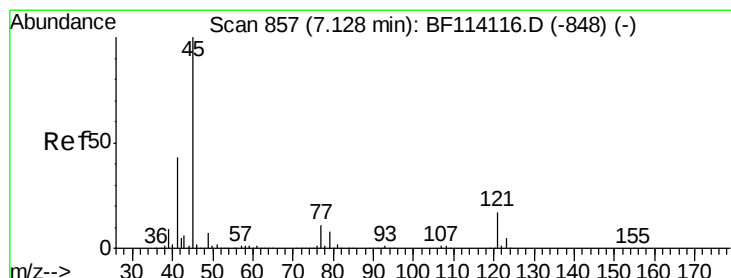
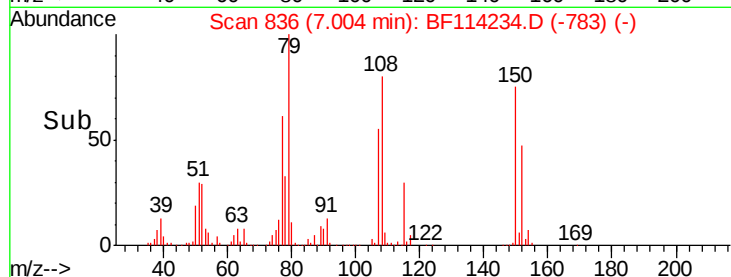
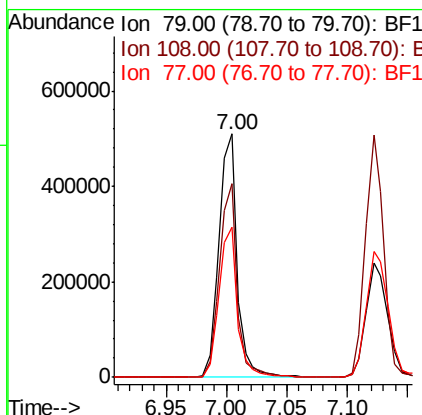
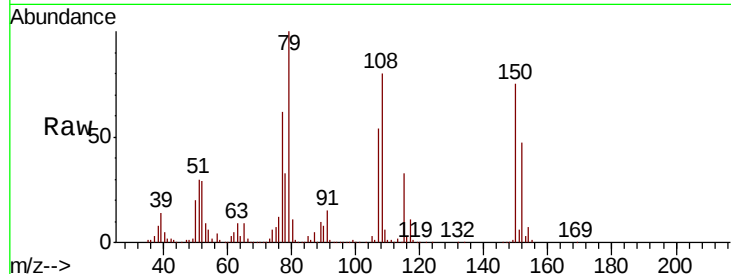
#15
Benzyl Alcohol
Concen: 42.357 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	62.1	93.1
77	61.7	51.0	76.6

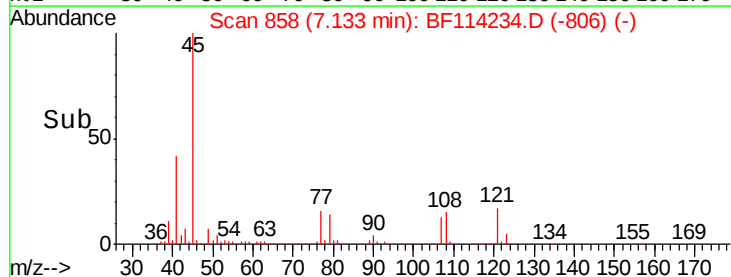
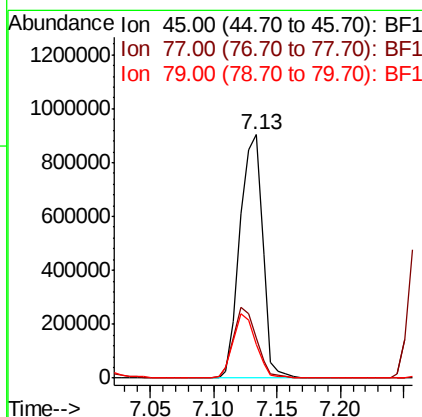
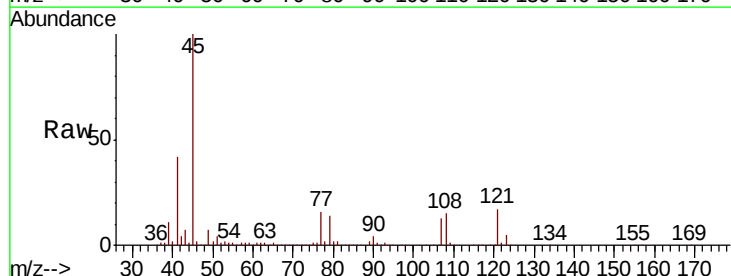
Manual Integrations
APPROVED

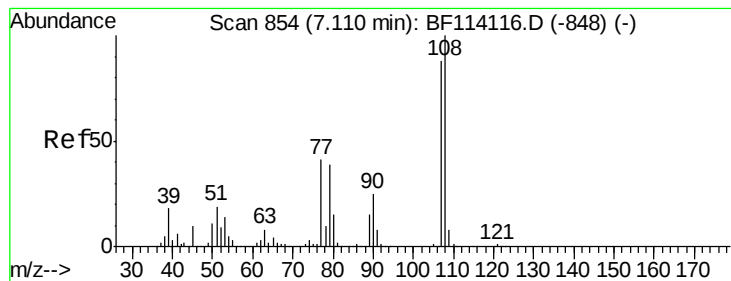
Sohil
5/14/2019 8:03:19 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.249 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	31.1
79	13.8	0.0	28.4





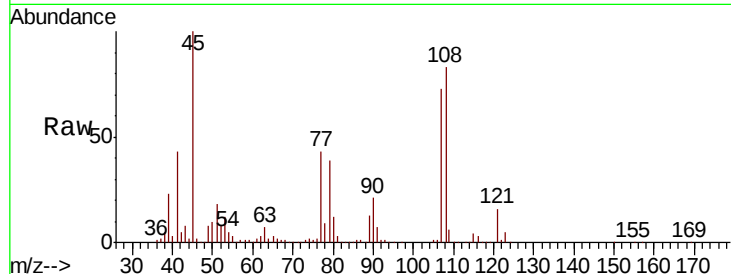
#17
2-Methylphenol
Concen: 39.295 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	90.5	135.7	
77	58.8	37.0	55.4	
79	53.2	35.8	53.8	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



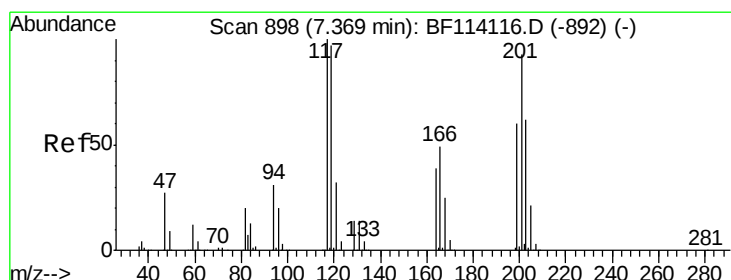
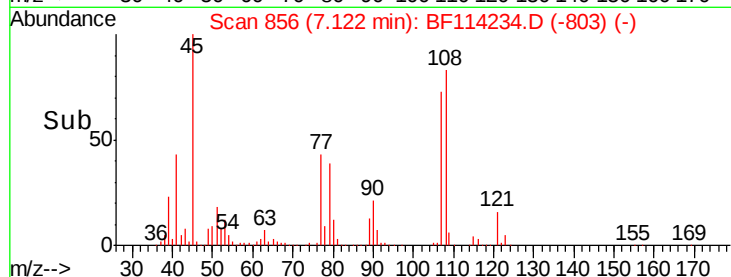
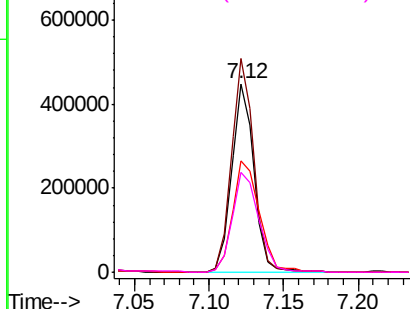
Abundance

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: 37.088 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

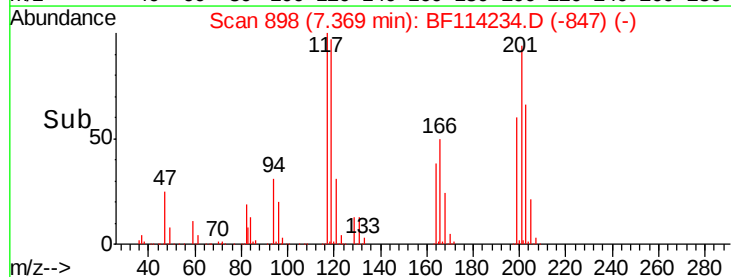
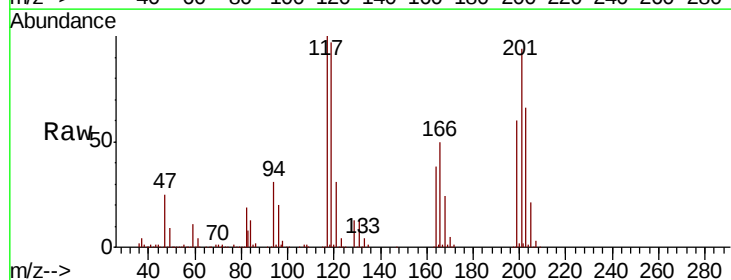
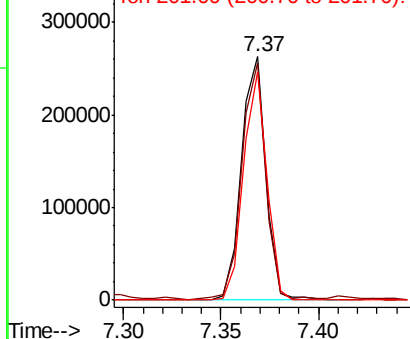
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	77.4	116.2	
201	93.9	74.5	111.7	

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





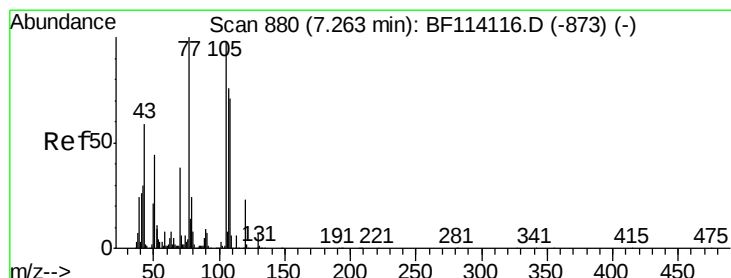
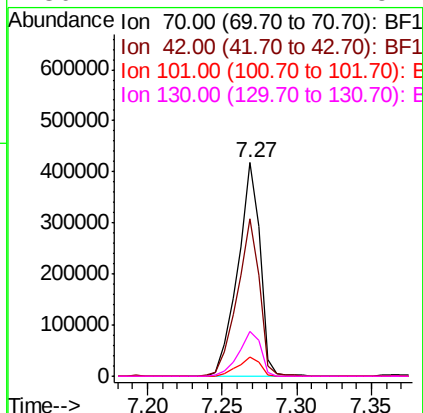
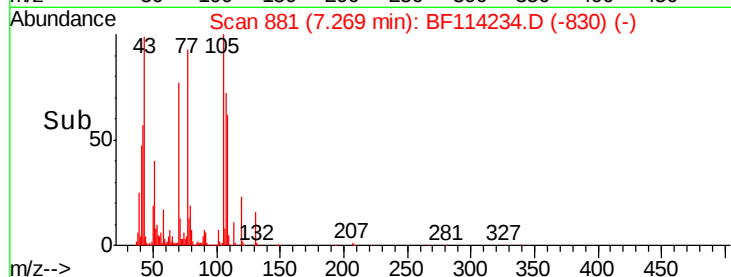
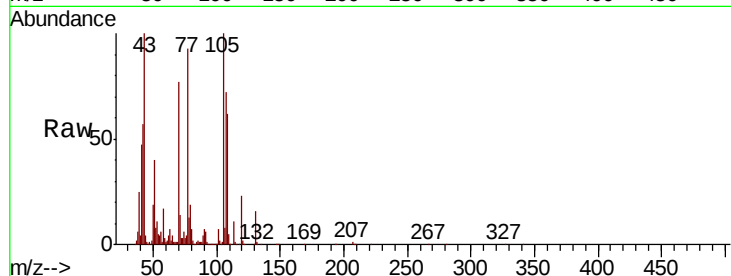
#19
n-Nitroso-di-n-propylamine
Concen: 42.658 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.7	58.6	87.8
101	8.8	7.8	11.8
130	21.1	17.1	25.7

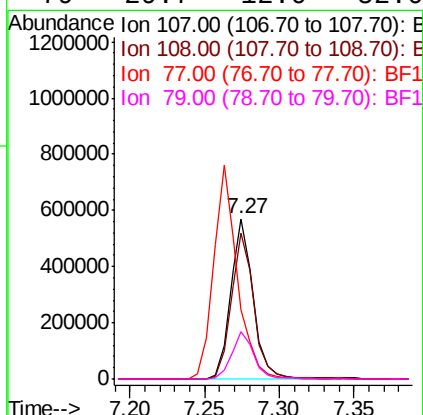
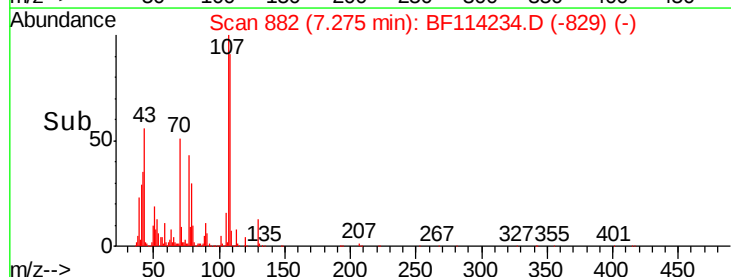
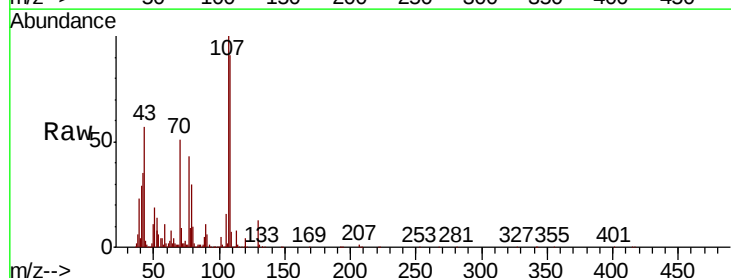
Manual Integrations
APPROVED

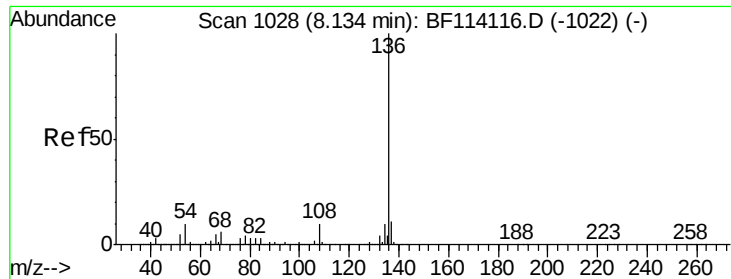
Sohil
5/14/2019 8:03:19 PM



#20
3+4-Methylphenols
Concen: 43.609 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.8	113.8
77	43.4	111.5	151.5#
79	29.7	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

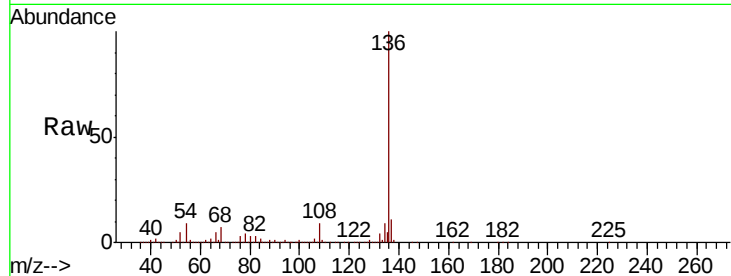
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	841810		
137	11.2	8.8	13.2	
54	9.0	7.8	11.8	
68	6.6	5.1	7.7	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



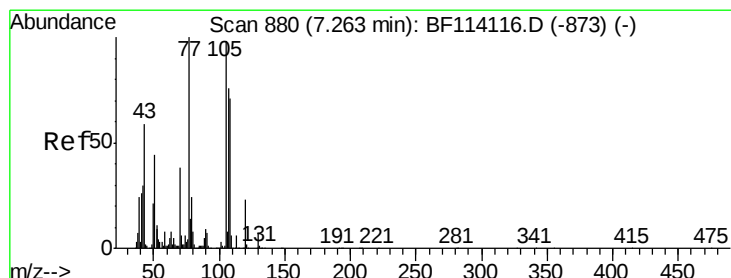
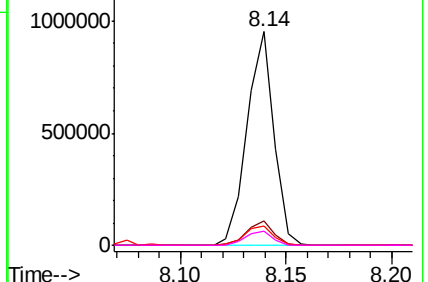
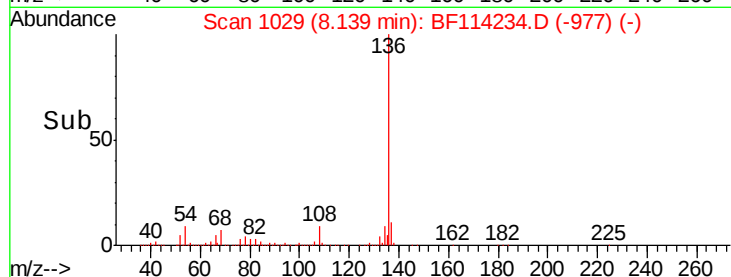
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.456 ng

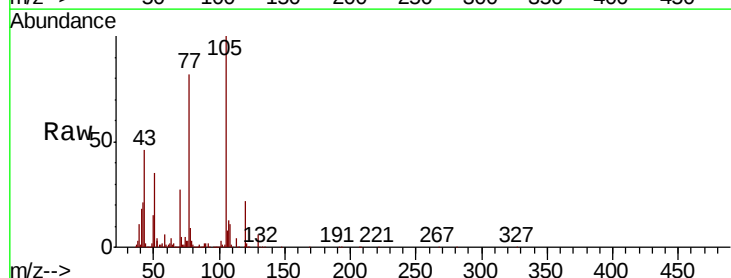
RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	847703		
71	4.9	5.3	7.9#	
51	34.9	36.2	54.4#	
120	22.5	18.6	28.0	



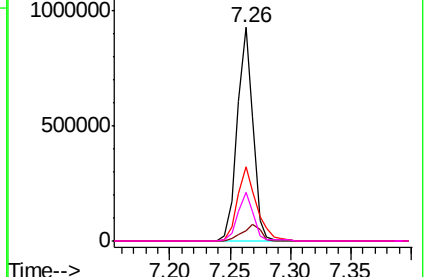
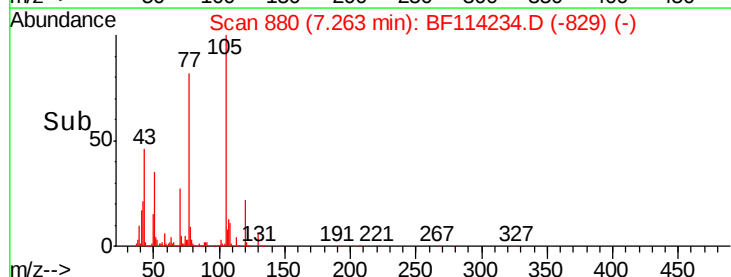
Abundance

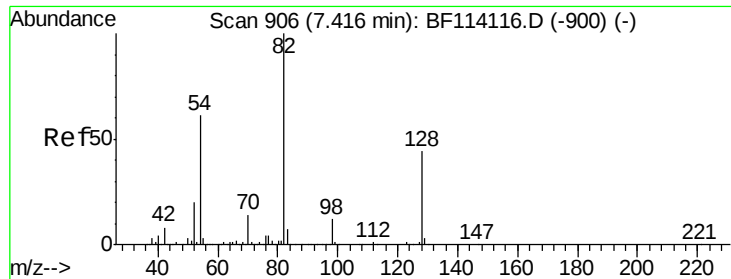
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





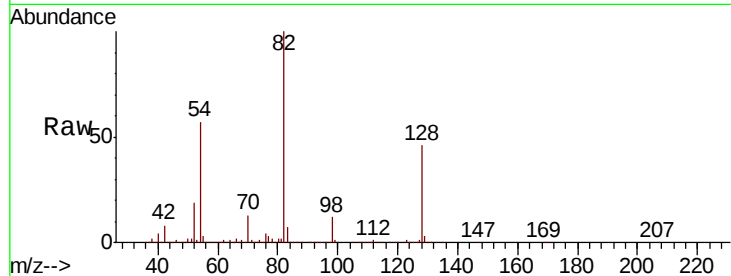
#23
Nitrobenzene-d5
Concen: 82.229 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

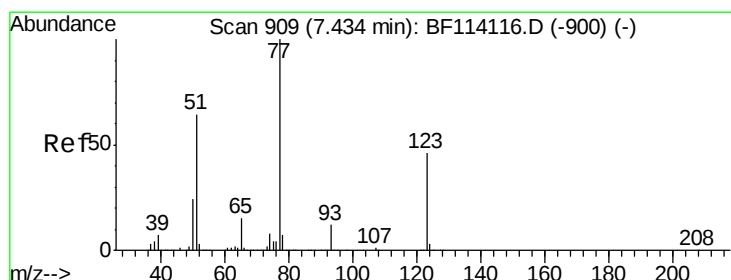
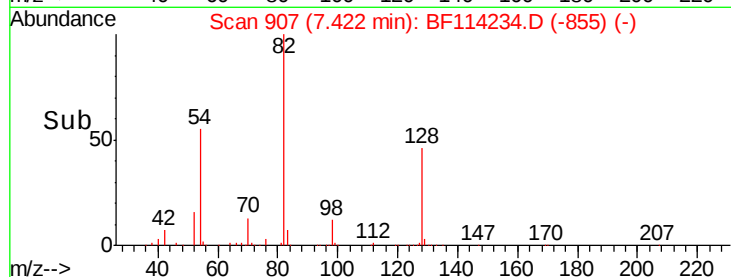
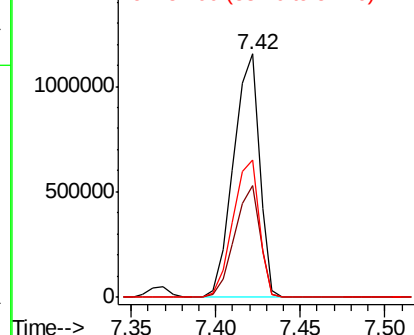
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.5	53.3
54	56.6	48.5	72.7

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

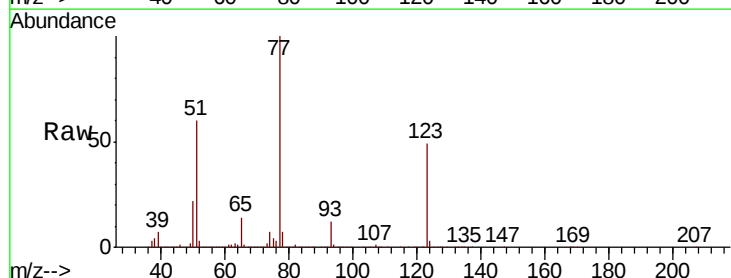


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

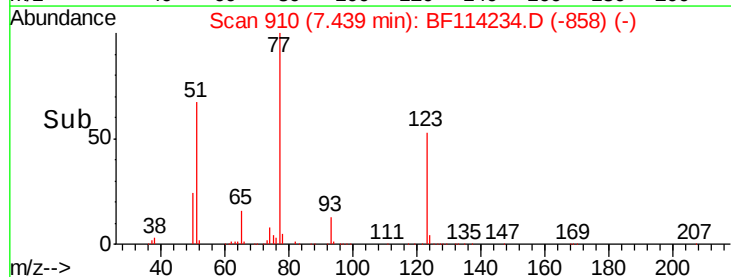
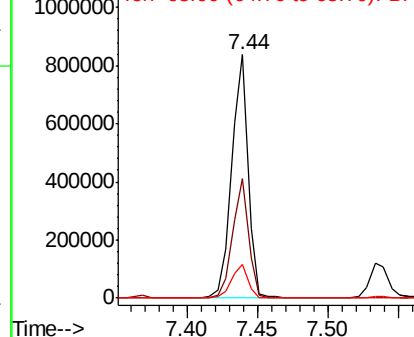


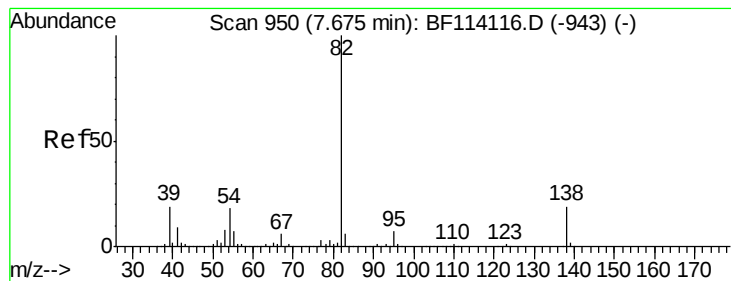
#24
Nitrobenzene
Concen: 44.125 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	36.9	55.3
65	14.0	11.8	17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.118 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 82 Resp: 1227336

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

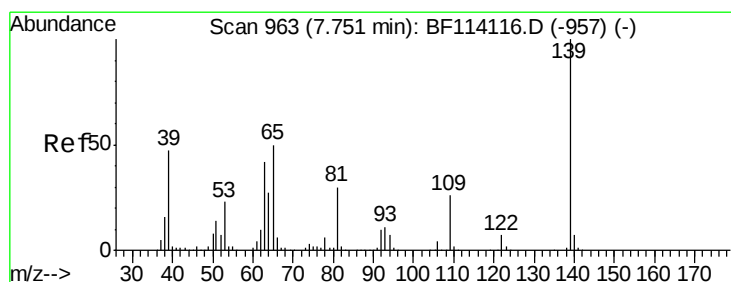
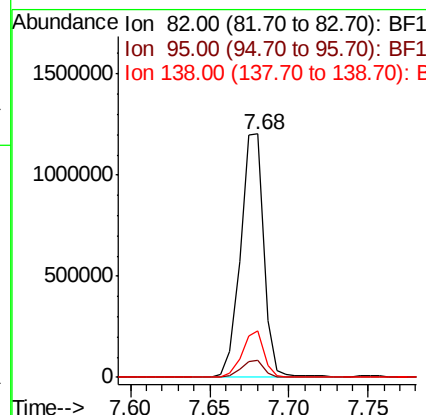
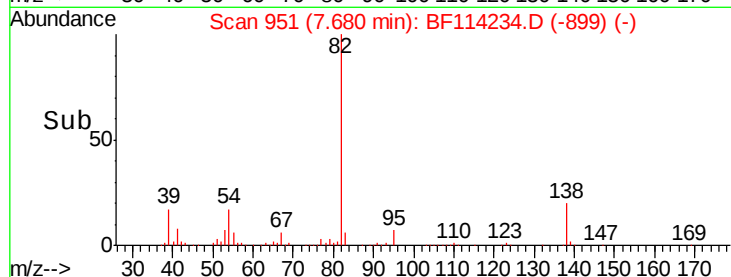
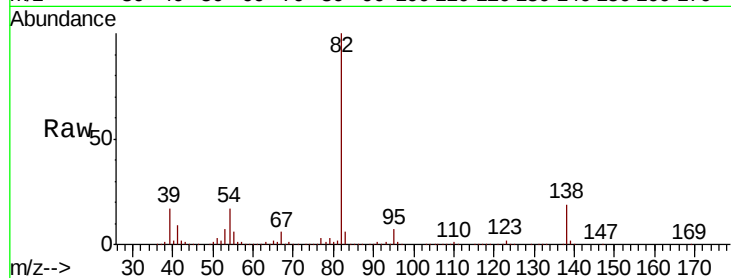
138 19.3 14.8 22.2

Manual Integrations

APPROVED

Sohil

5/14/2019 8:03:19 PM



#26

2-Nitrophenol

Concen: 46.733 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

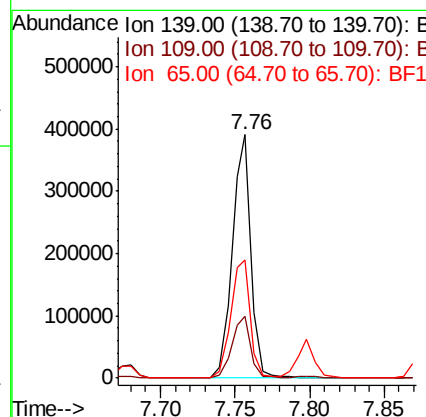
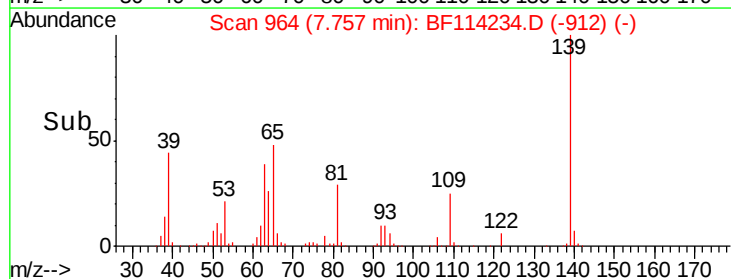
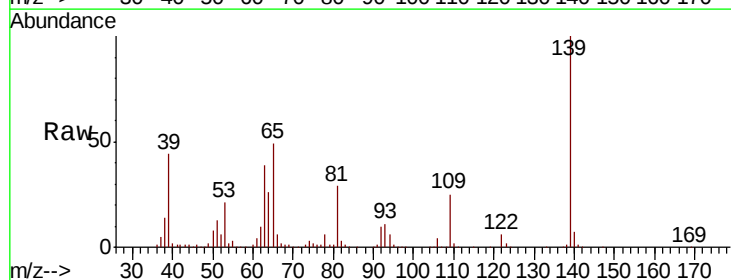
Tgt Ion: 139 Resp: 346396

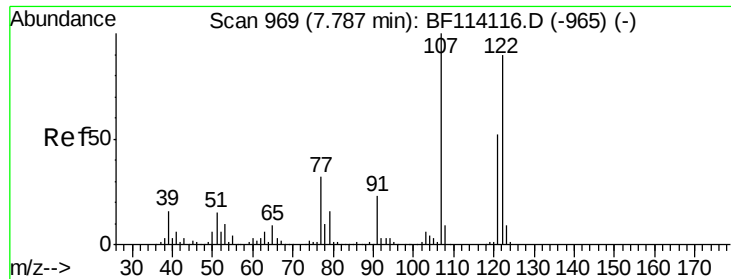
Ion Ratio Lower Upper

139 100

109 25.2 20.7 31.1

65 48.6 40.2 60.2





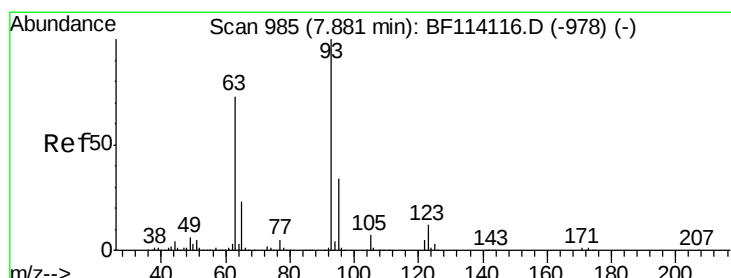
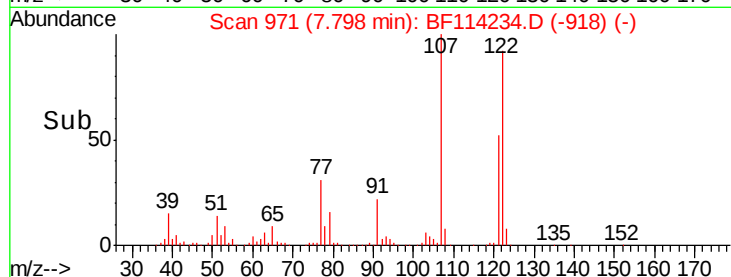
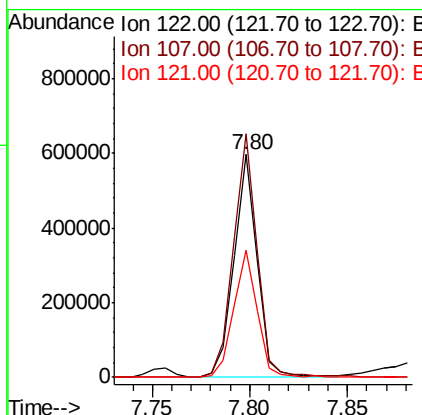
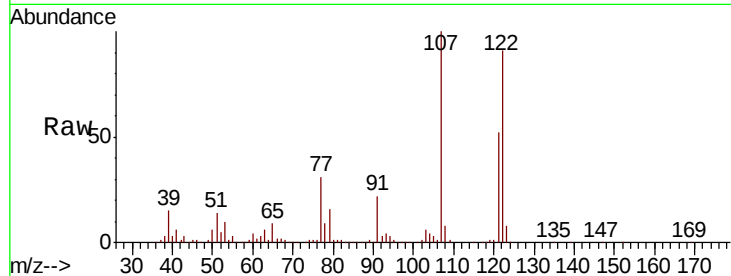
#27
 2,4-Dimethylphenol
 Concen: 42.507 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	494842		
107	109.3	88.4	132.6	
121	57.0	45.9	68.9	

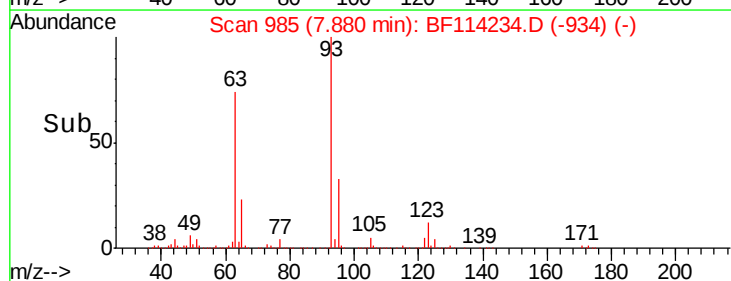
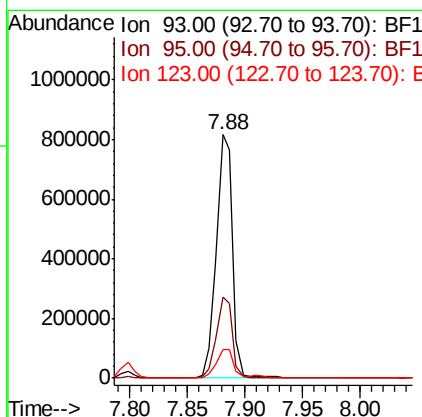
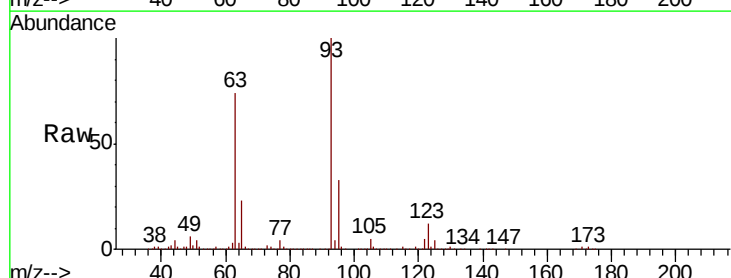
Manual Integrations
 APPROVED

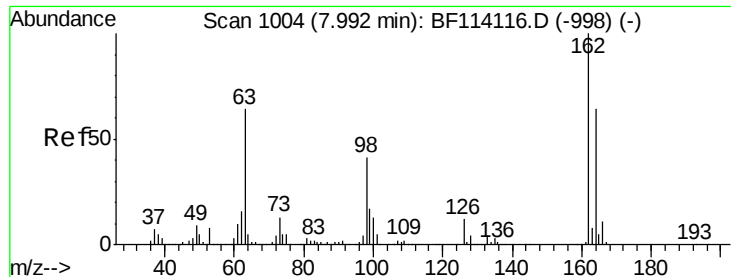
Sohil
 5/14/2019 8:03:19 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.673 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	788302		
95	33.1	26.8	40.2	
123	11.8	9.5	14.3	





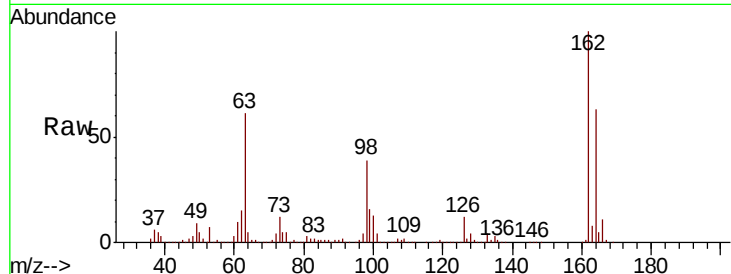
#29
2,4-Dichlorophenol
Concen: 44.390 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	514580		
164	63.3	43.6	83.6	
98	39.1	20.6	60.6	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

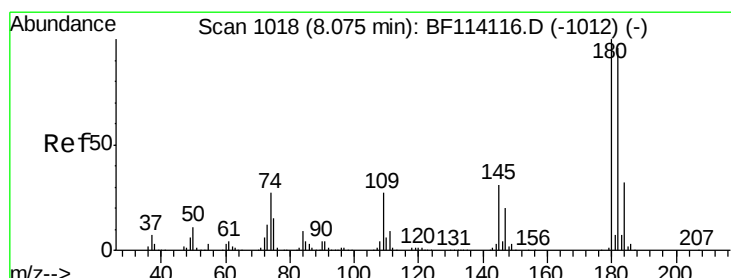
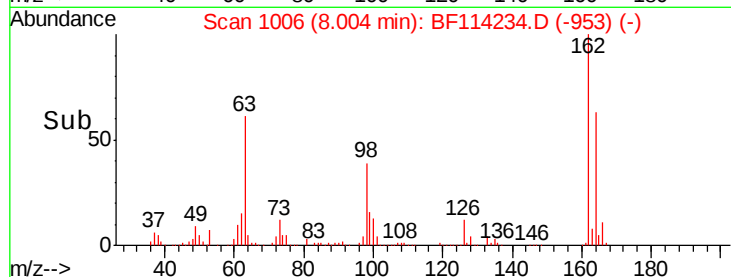
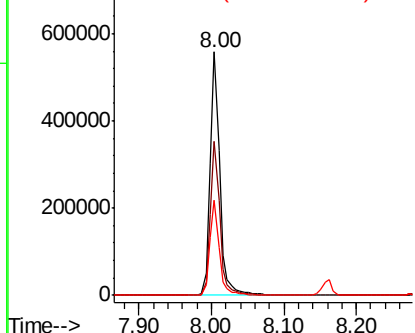


Abundance

Ion 162.00 (161.70 to 162.70): E

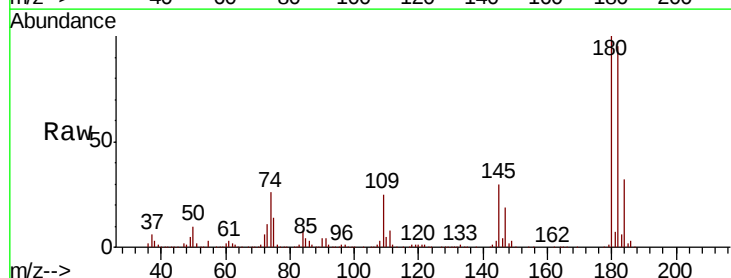
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.480 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	533603		
182	94.9	76.6	114.8	
145	30.4	25.1	37.7	

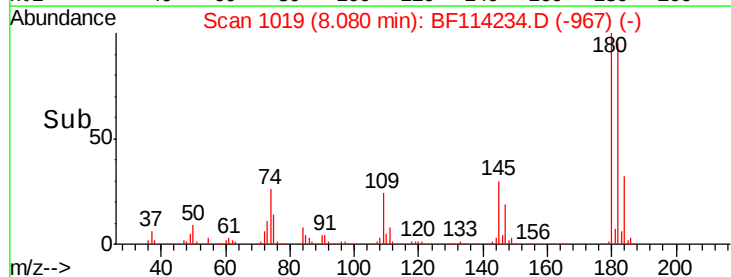
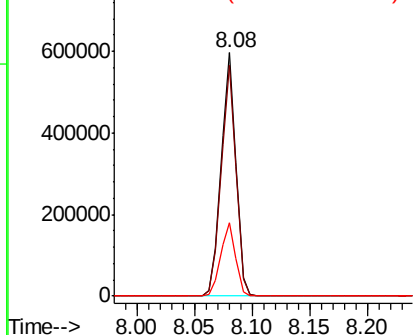


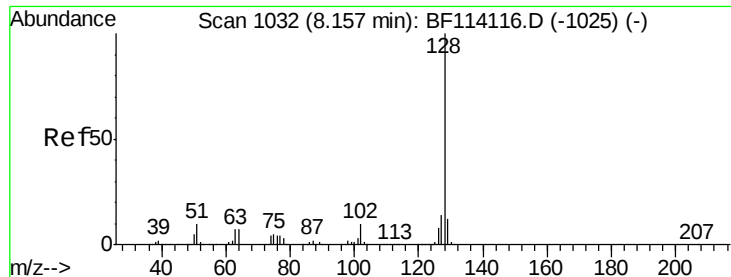
Abundance

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: 58.993 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

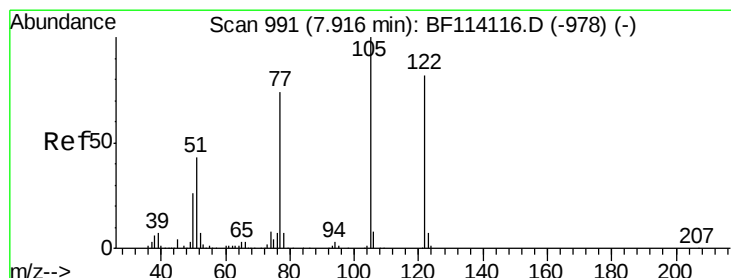
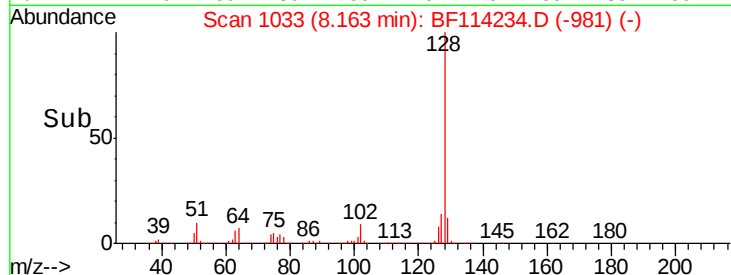
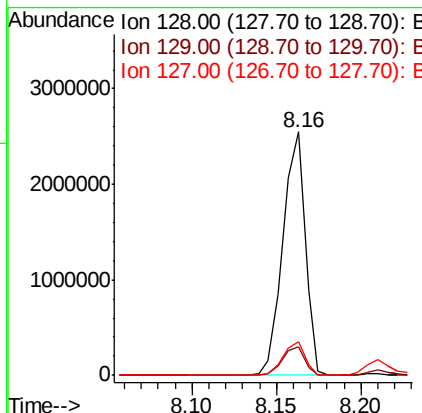
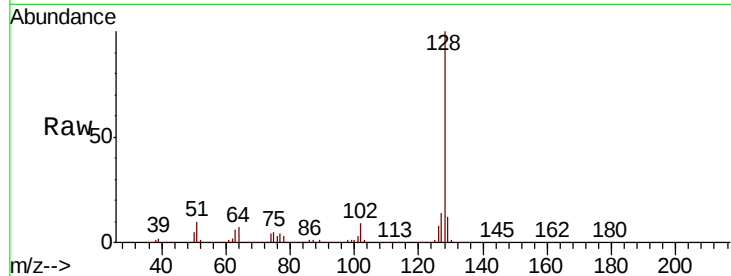
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	128	Resp:	2319735
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.9	11.3	16.9

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



#32

Benzoic acid

Concen: 30.245 ng

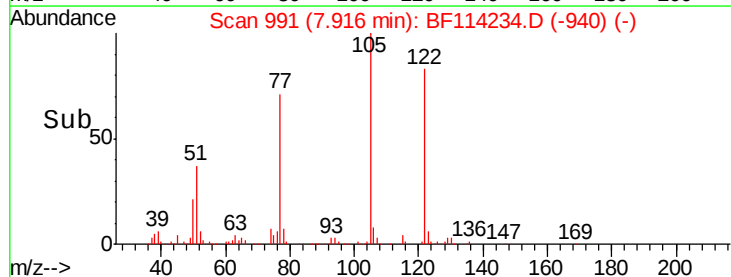
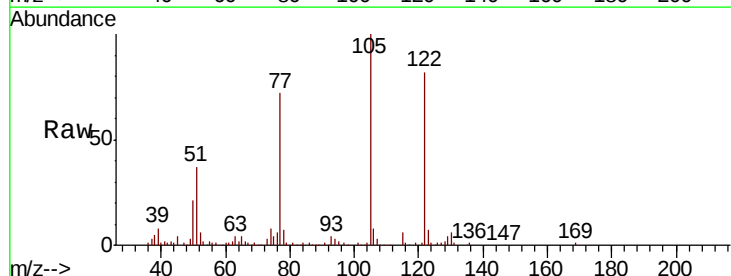
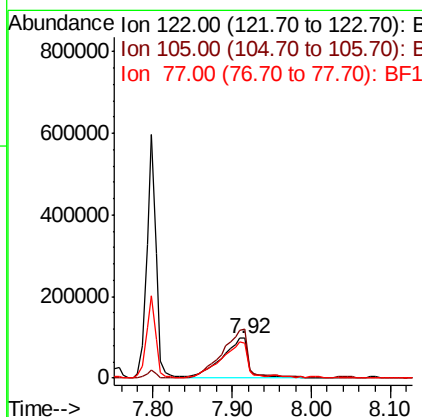
RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion:	122	Resp:	225810
Ion	Ratio	Lower	Upper
122	100		
105	121.4	99.9	139.9
77	86.9	69.4	109.4





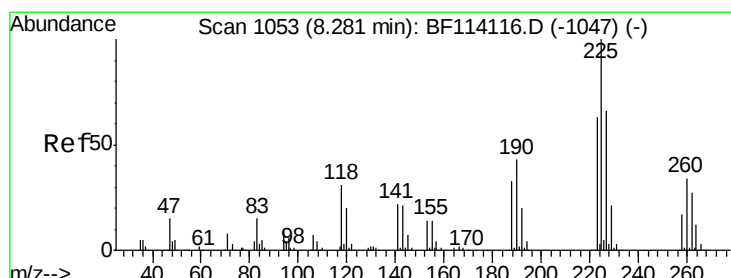
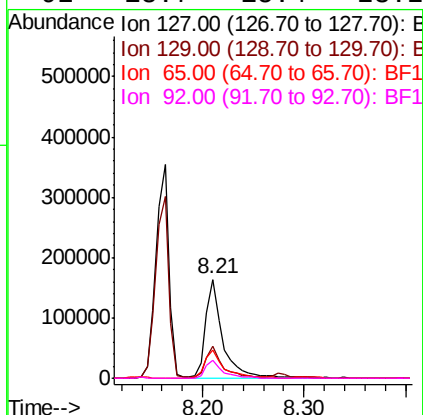
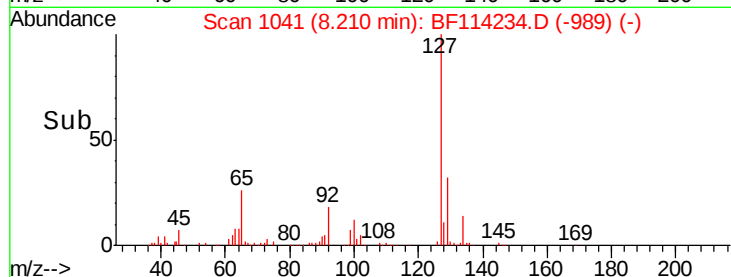
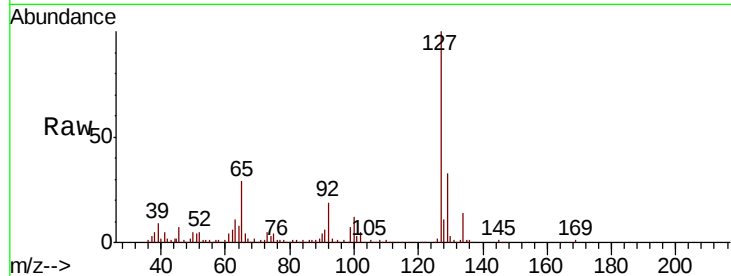
#33
4-Chloroaniline
Concen: 10.628 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		190443		
129	32.6	26.7	40.1		
65	28.8	25.4	38.0		
92	18.7	15.4	23.2		

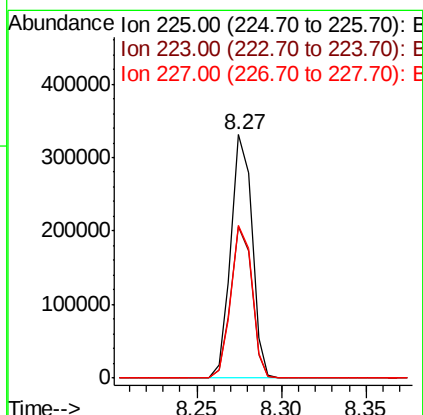
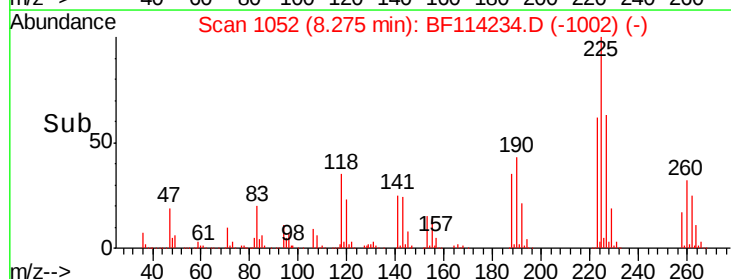
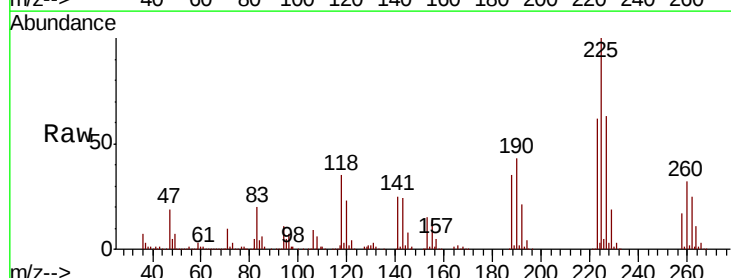
Manual Integrations
APPROVED

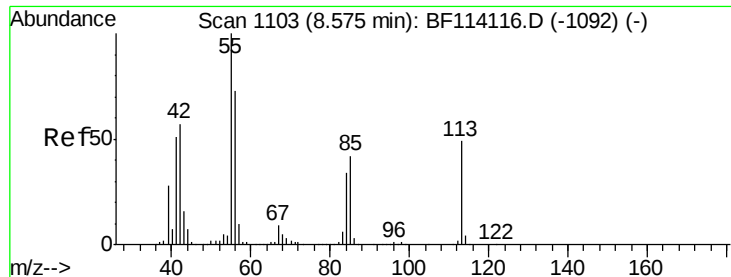
Sohil
5/14/2019 8:03:19 PM



#34
Hexachlorobutadiene
Concen: 38.539 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		289051		
223	62.1	50.2	75.2		
227	62.7	52.6	79.0		





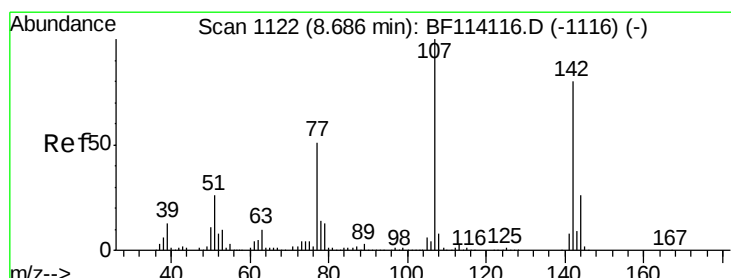
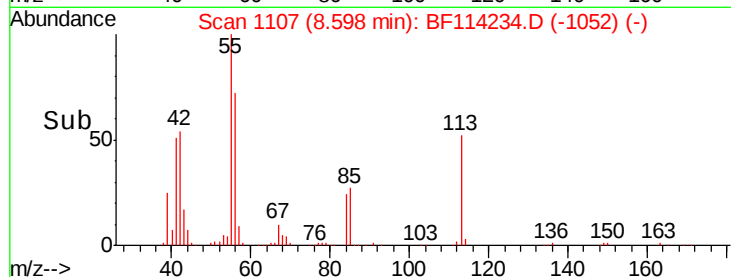
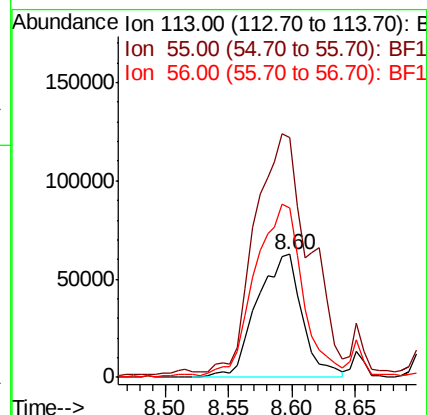
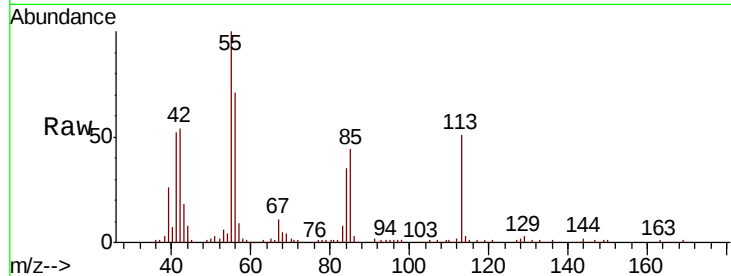
#35
Caprolactam
Concen: 40.954 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	195.0		183.5	223.5	
56	137.8		128.8	168.8	

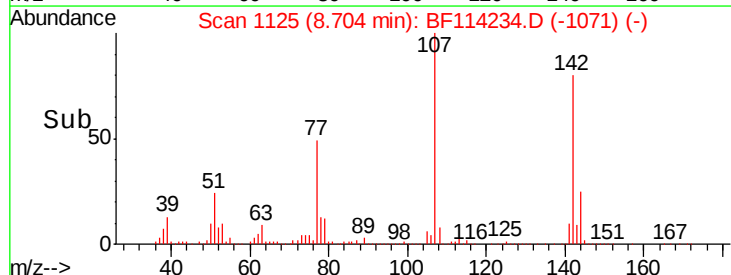
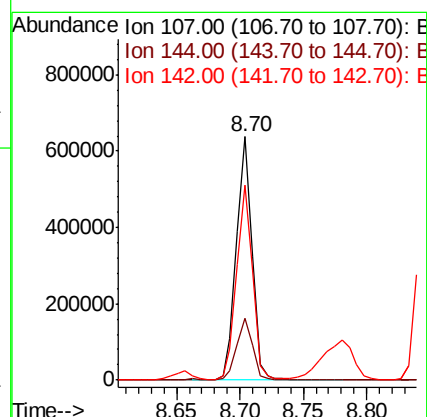
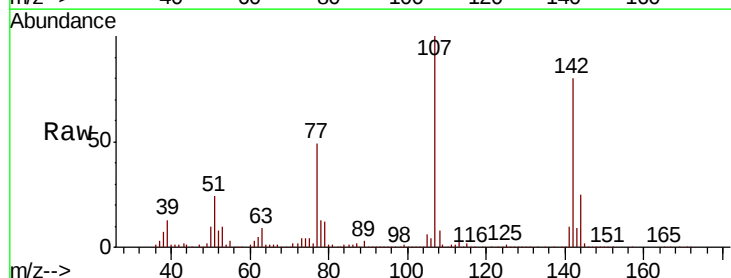
Manual Integrations
APPROVED

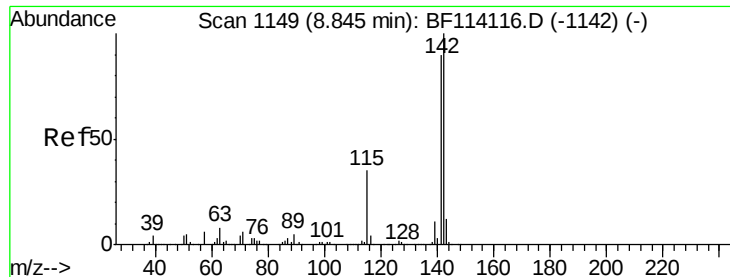
Sohil
5/14/2019 8:03:19 PM



#36
4-Chloro-3-methylphenol
Concen: 46.261 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.3		20.4	30.6	
142	80.3		64.2	96.4	





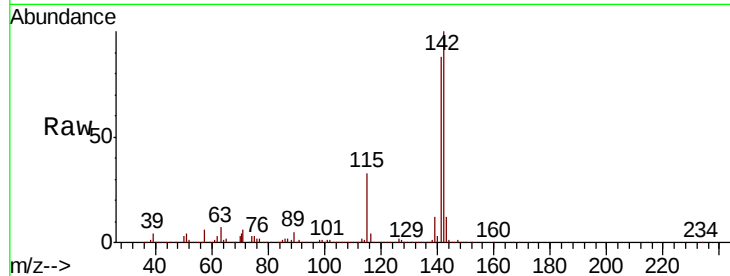
#37
2-Methylnaphthalene
Concen: 55.453 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.1	108.1
115	33.3	28.0	42.0

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

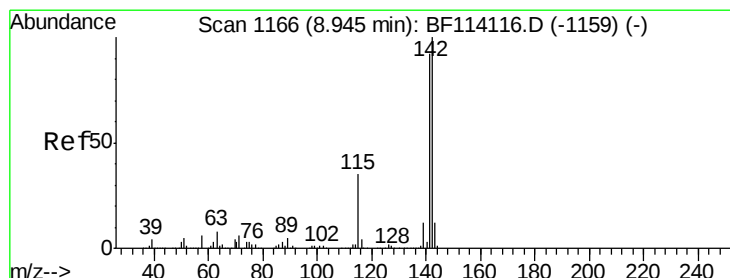
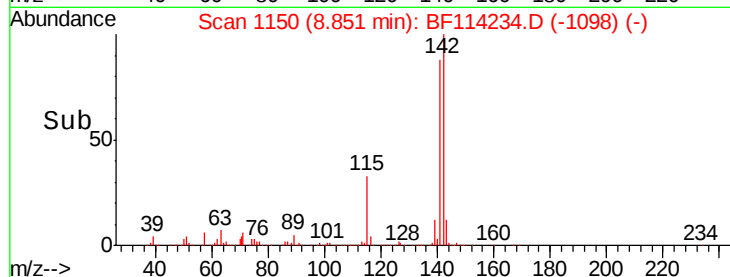
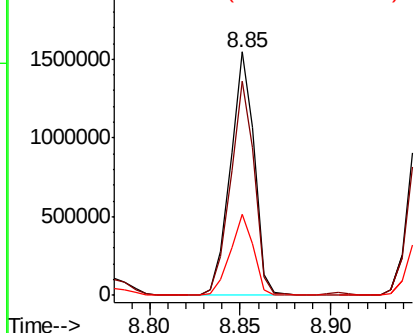


Abundance

Ion 142.00 (141.70 to 142.70): E

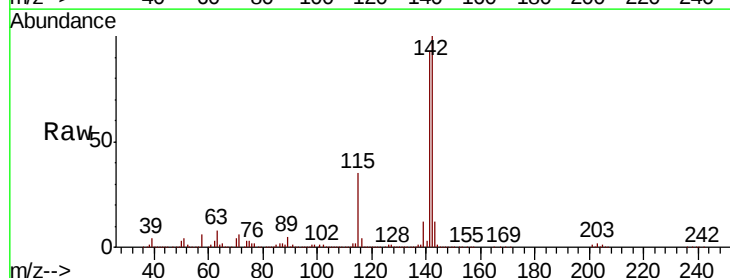
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.901 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.0
116	3.7	3.1	4.7

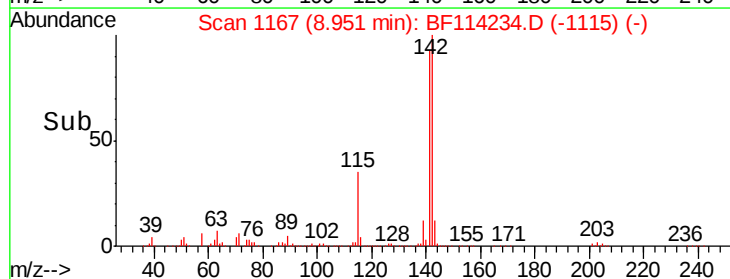
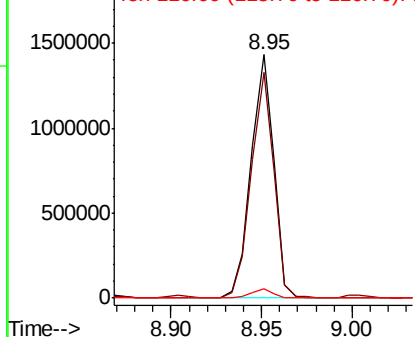


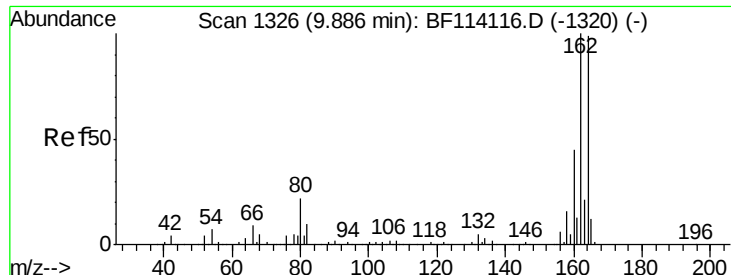
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





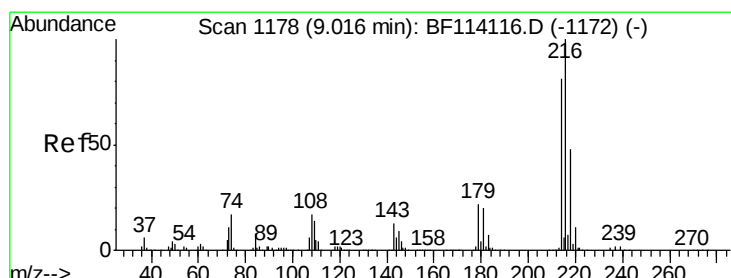
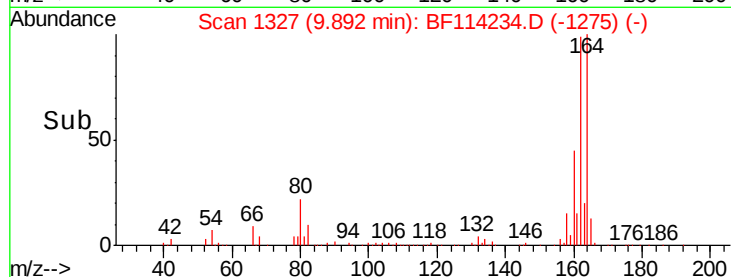
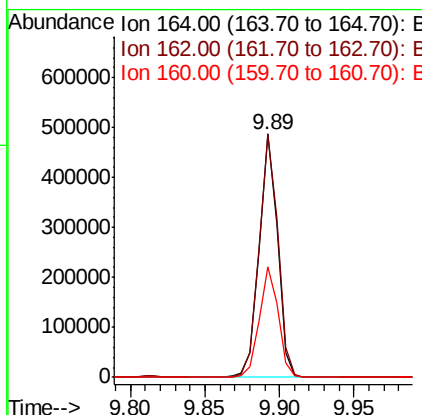
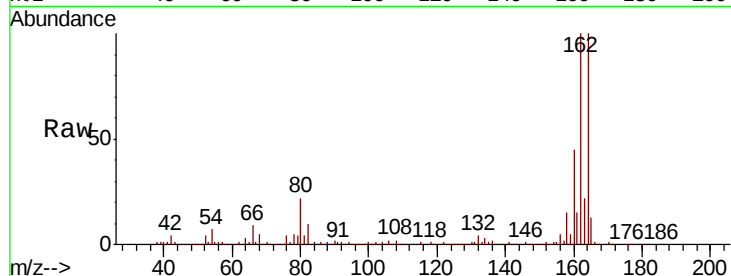
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.7	80.6	120.8	
160	45.4	36.5	54.7	

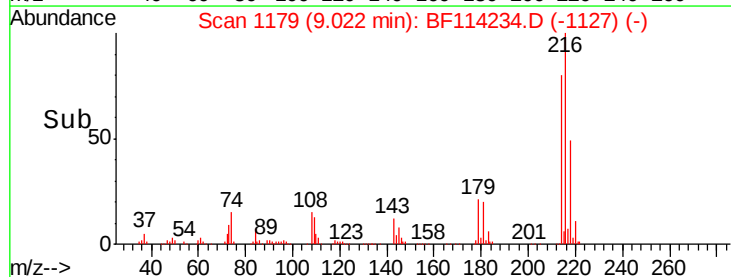
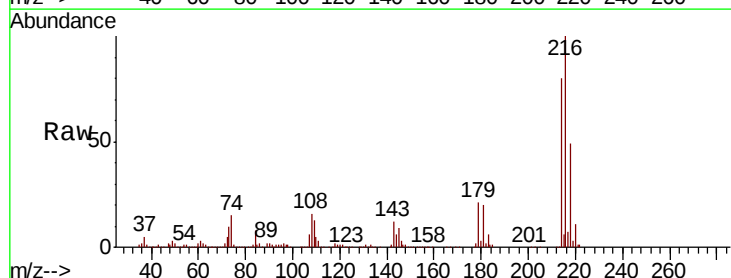
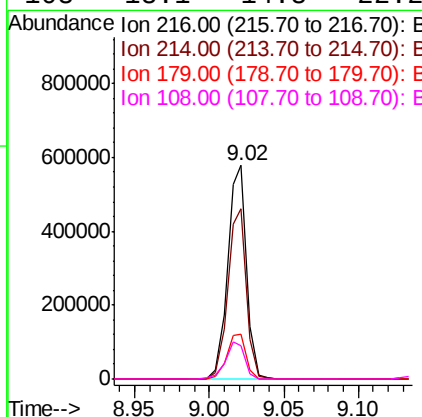
Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:19 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.456 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.9	95.9	
179	21.5	17.0	25.6	
108	18.1	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 24.020 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

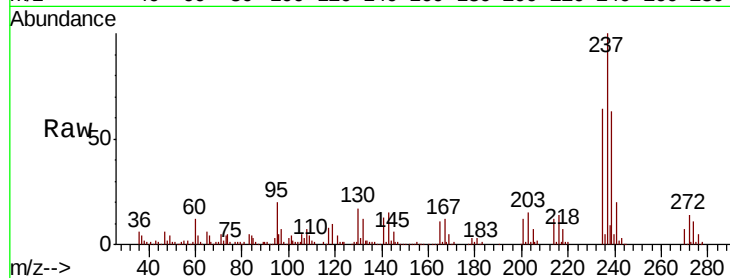
ClientSampleId :

P026-SS006-0002-01MSD

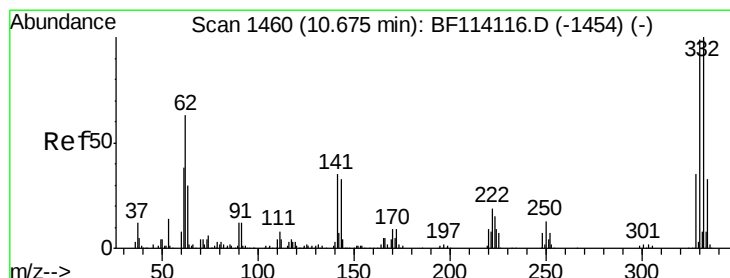
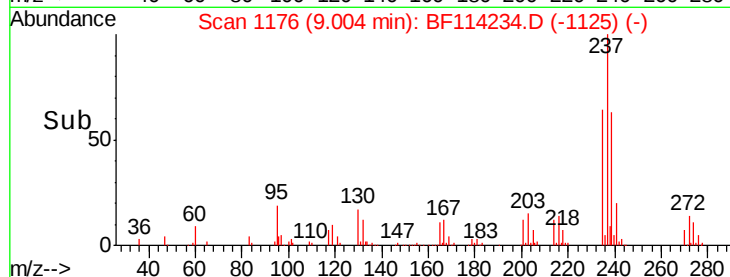
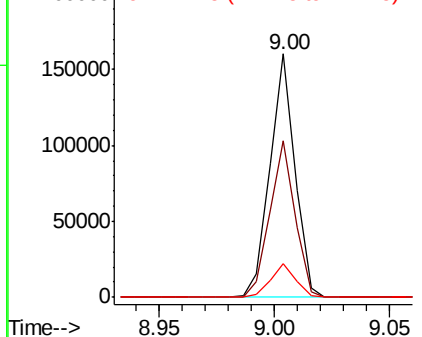
Tot Ion:	237	Resp:	120750
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.0	82.0
272	13.8	0.0	32.4

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 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: 91.037 ng

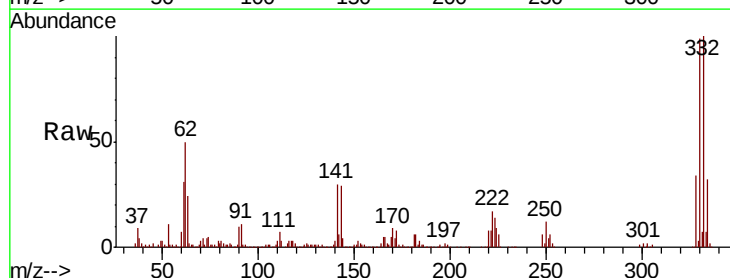
RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

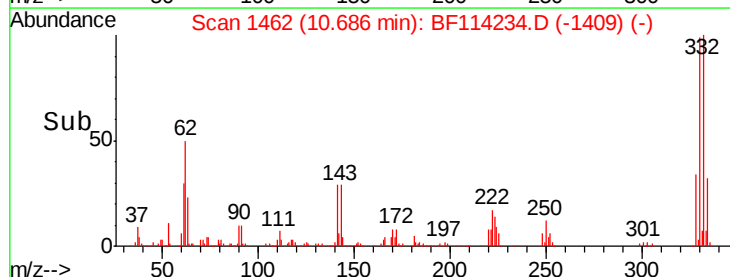
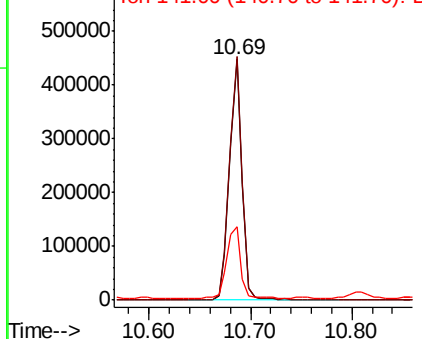
Lab File: BF114234.D

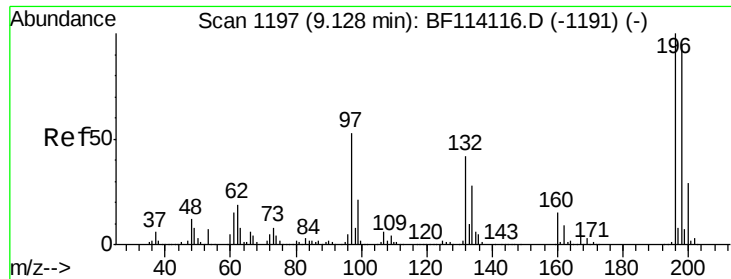
Acq: 13 May 2019 17:34

Tgt Ion:	330	Resp:	386747
Ion Ratio	Lower	Upper	
330	100		
332	102.4	81.4	122.2
141	32.6	26.6	40.0



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





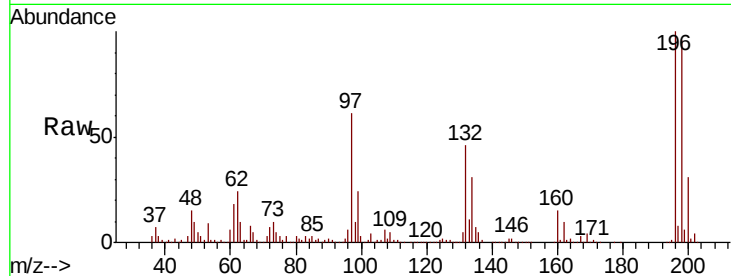
#43
2,4,6-Trichlorophenol
Concen: 41.996 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	359566		
198	96.0	75.9	113.9	
200	30.8	23.5	35.3	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

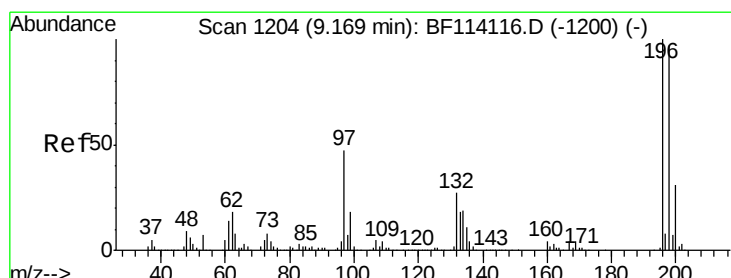
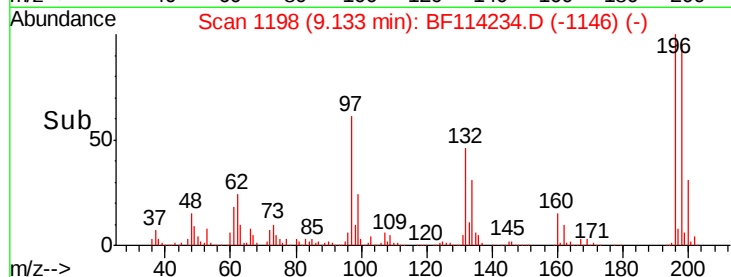
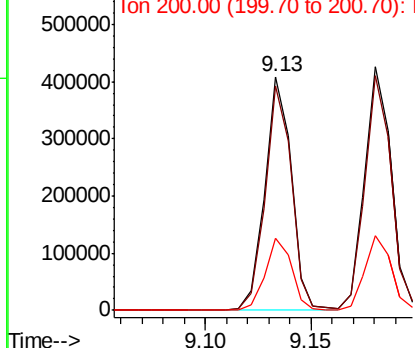


Abundance

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: 43.135 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	378751		
198	96.4	77.7	116.5	
97	53.1	38.2	57.2	
132	29.6	21.4	32.2	

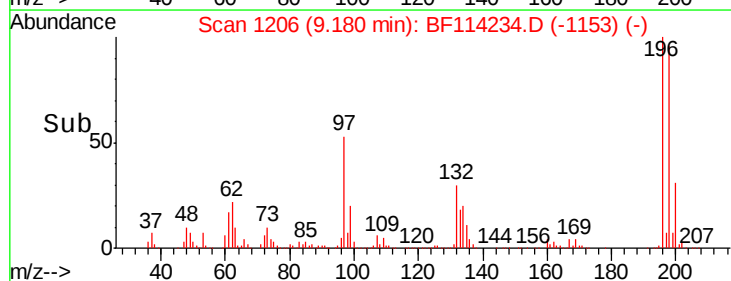
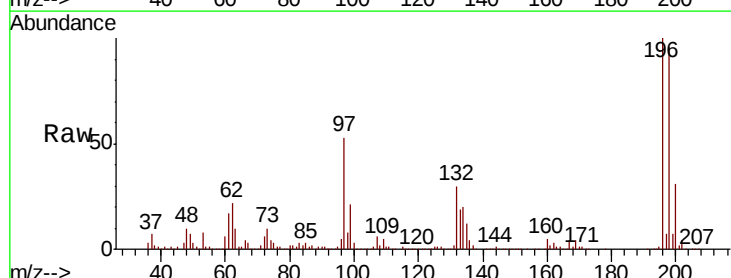
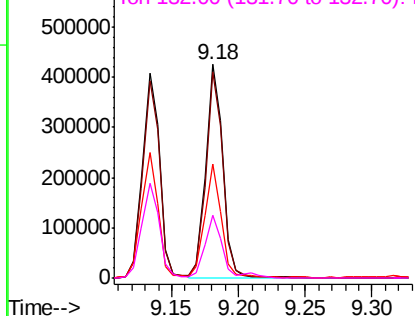
Abundance

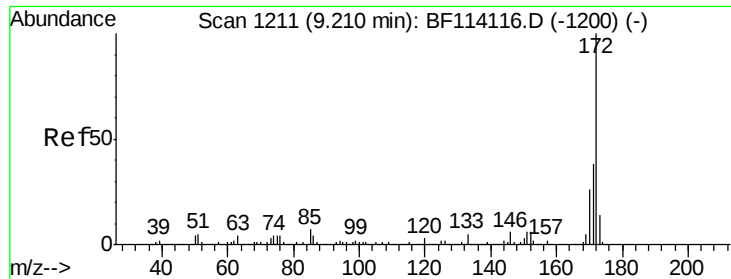
Ion 196.00 (195.70 to 196.70): E

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





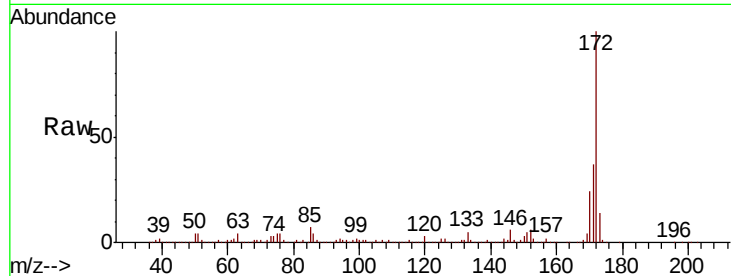
#45
2-Fluorobiphenyl
Concen: 61.043 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.5	20.5	30.7

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

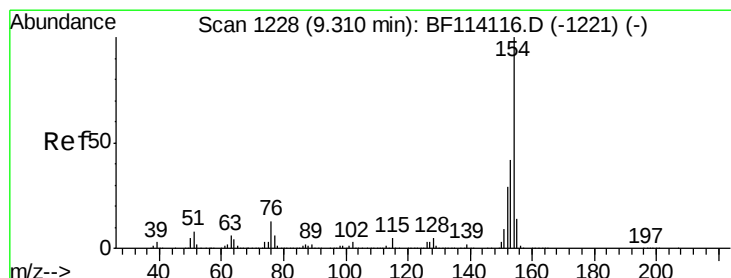
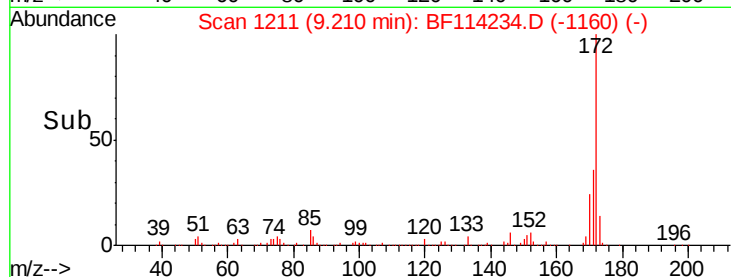
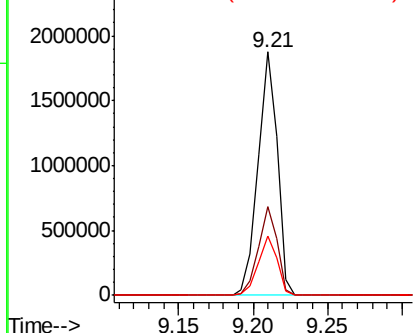


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.164 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

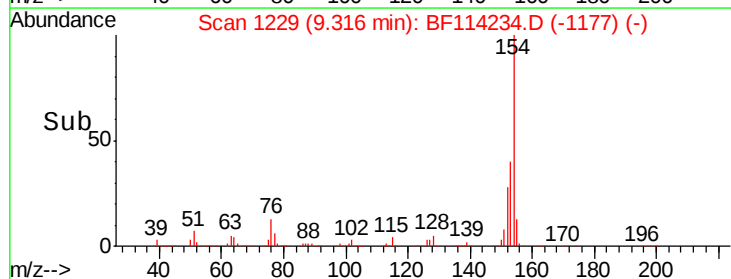
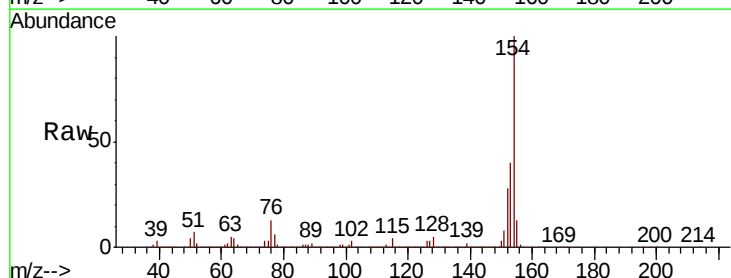
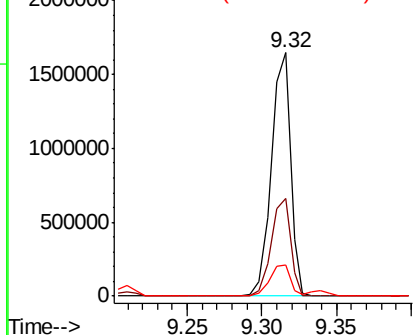
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.9	61.9
76	12.6	0.0	32.8

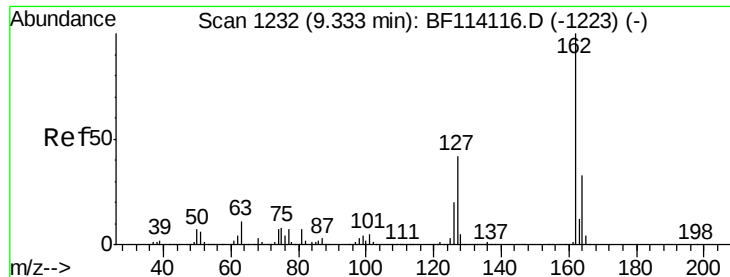
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





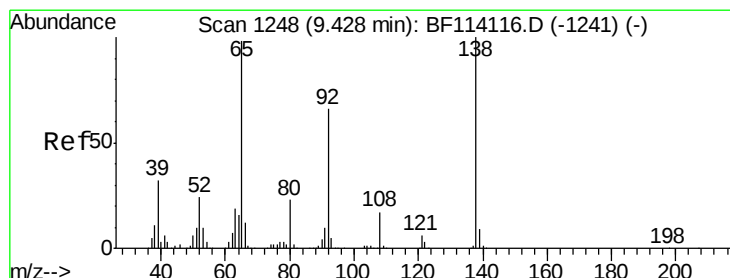
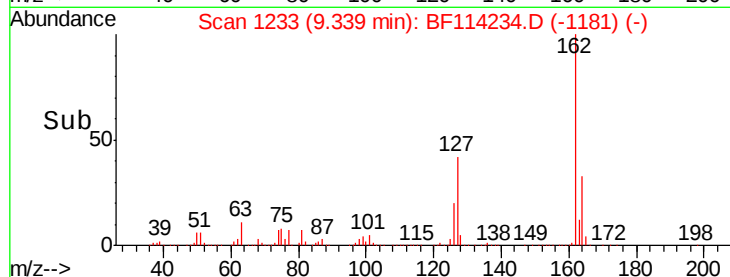
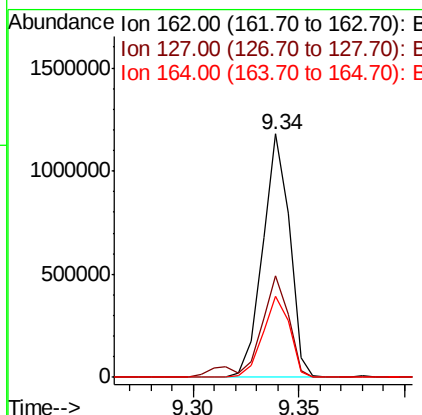
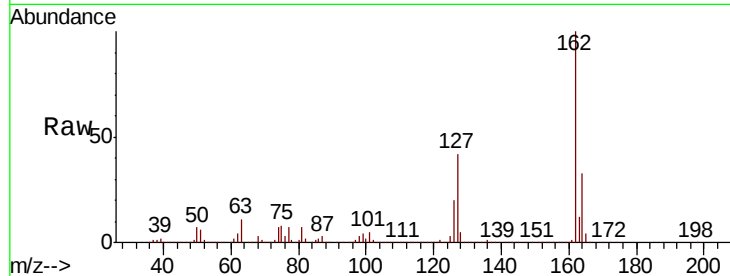
#47
 2-Chloronaphthalene
 Concen: 39.228 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.0	51.0
164	33.0	26.7	40.1

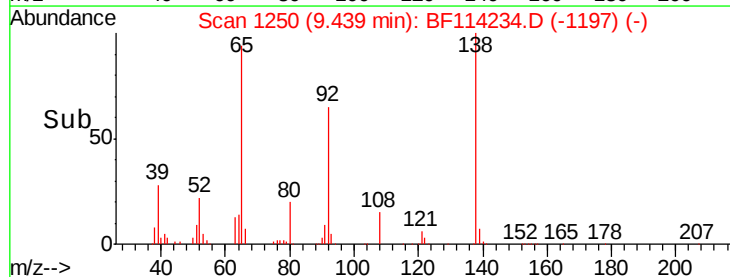
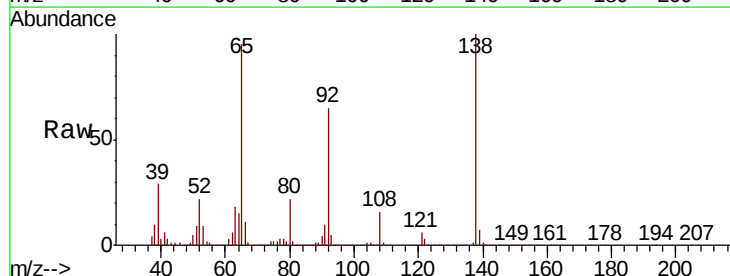
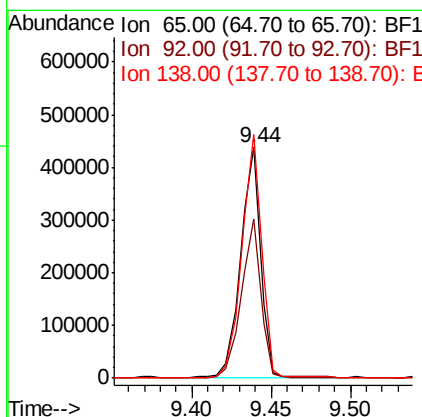
Manual Integrations
 APPROVED

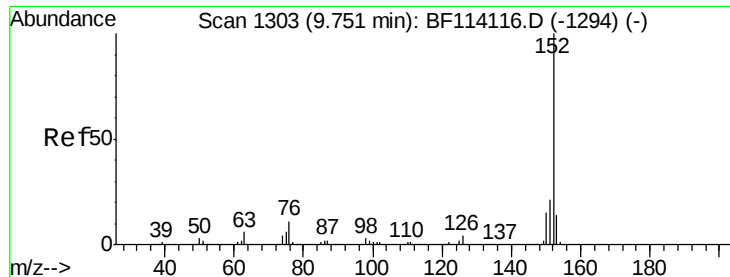
Sohil
 5/14/2019 8:03:19 PM



#48
 2-Nitroaniline
 Concen: 40.316 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.9	80.9
138	105.7	81.4	122.0





#49

Acenaphthylene

Concen: 65.291 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:152 Resp: 2653068

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

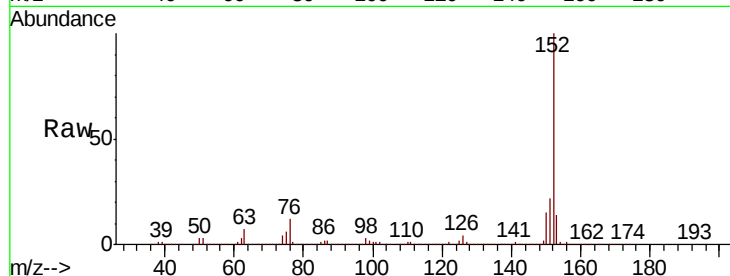
153 14.5 11.4 17.2

Manual Integrations

APPROVED

Sohil

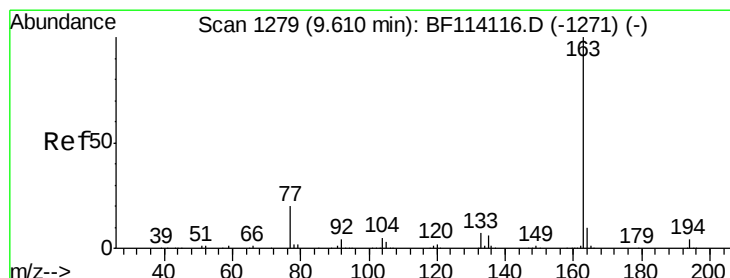
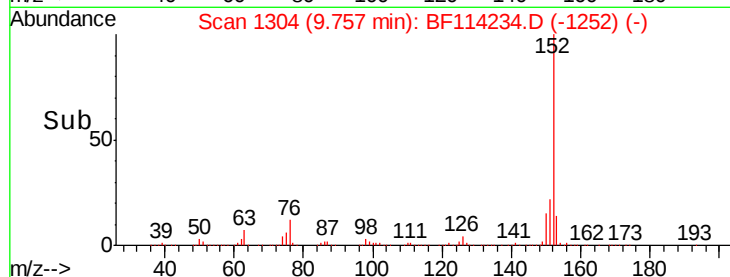
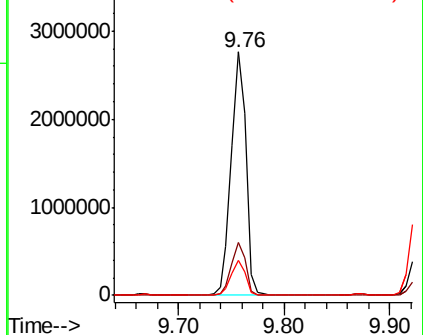
5/14/2019 8:03:19 PM



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: 51.765 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

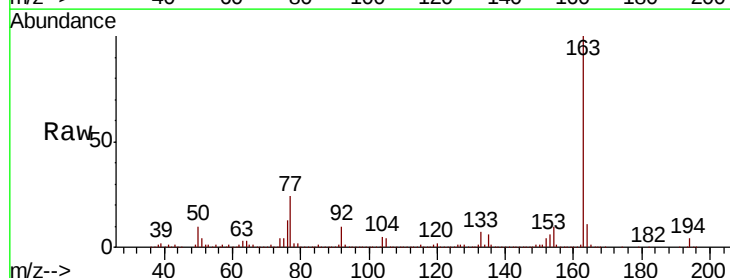
Tgt Ion:163 Resp: 1561535

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

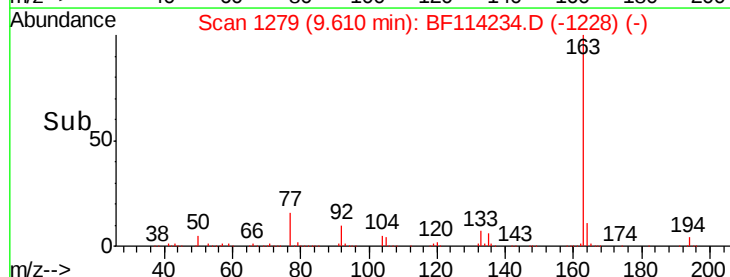
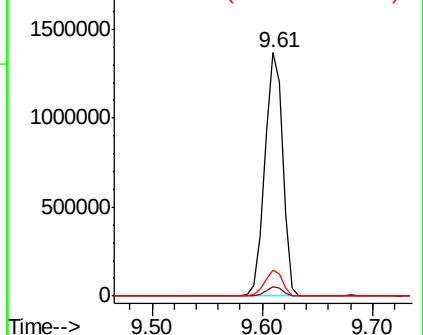
164 10.8 8.2 12.2

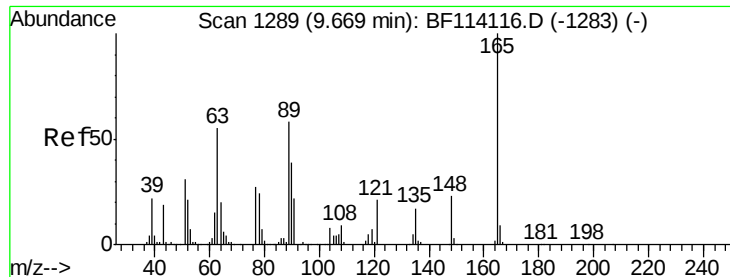


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.763 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

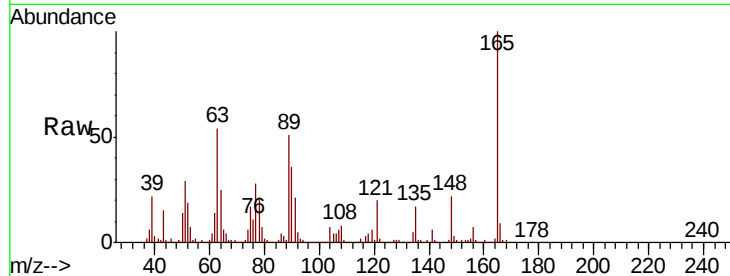
ClientSampleID :

P026-SS006-0002-01MSD

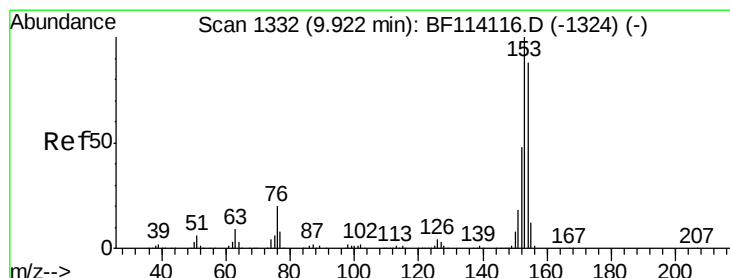
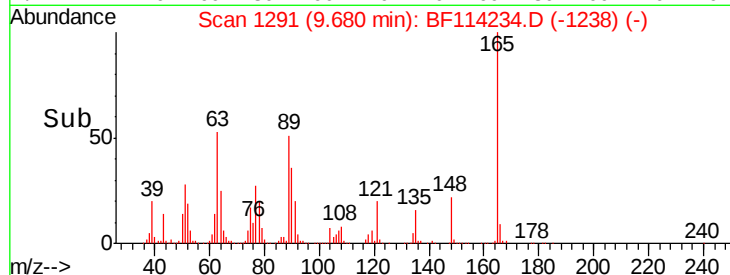
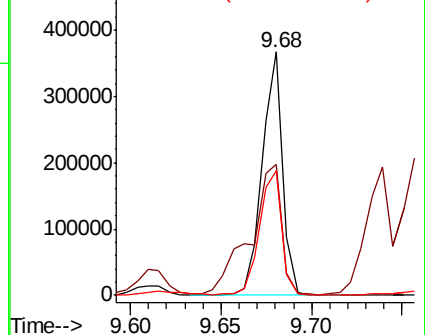
Tot Ion:	165	Resp:	286118
Ion Ratio		Lower	Upper
165	100		
63	53.9	50.2	75.4
89	51.2	46.6	69.8

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.180 ng

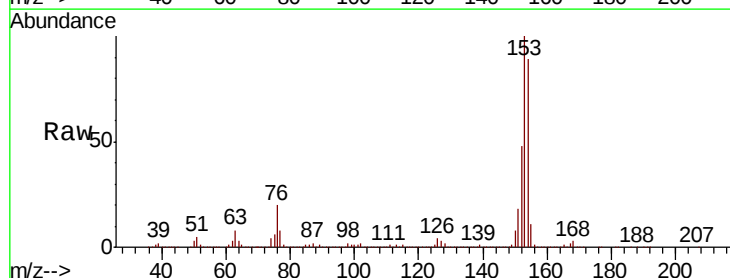
RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

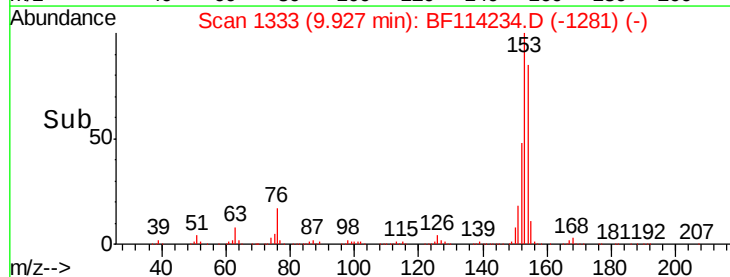
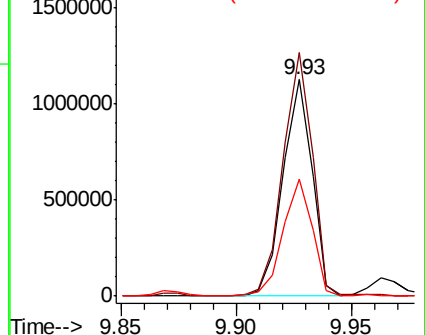
Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion:	154	Resp:	976955
Ion Ratio		Lower	Upper
154	100		
153	112.4	90.5	135.7
152	54.1	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





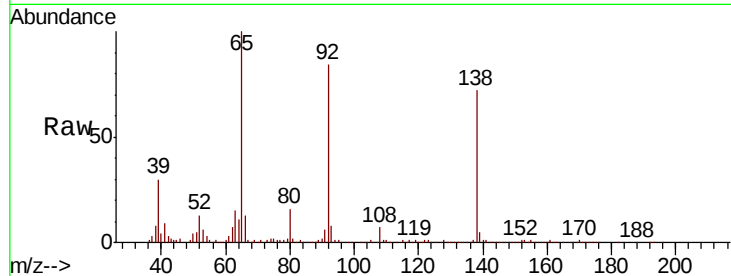
#53
3-Nitroaniline
Concen: 20.108 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	117.3	91.2	136.8

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

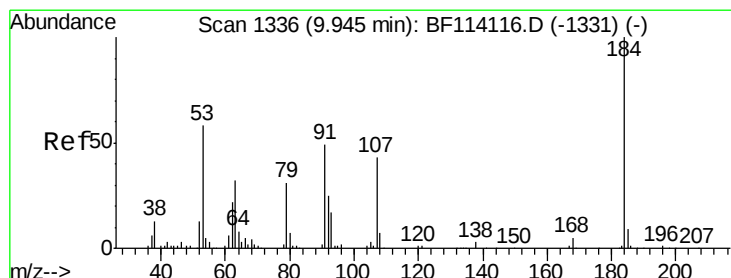
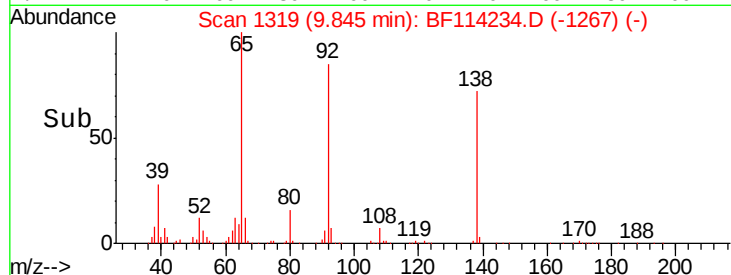
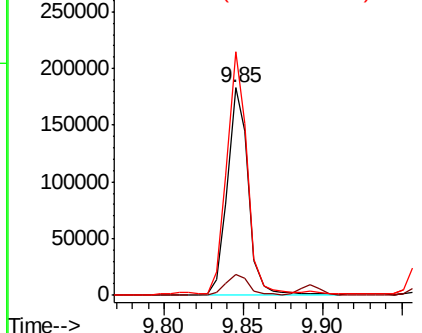


Abundance

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: 54.418 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

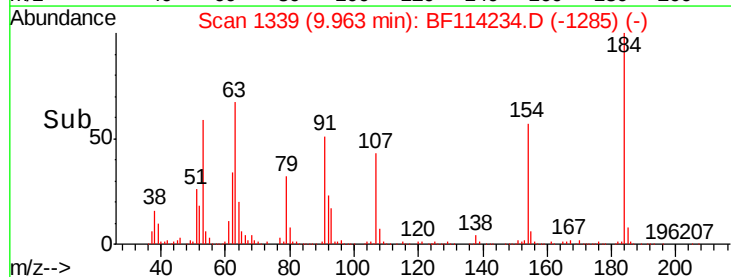
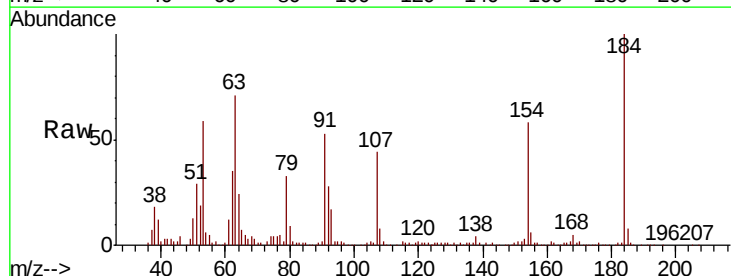
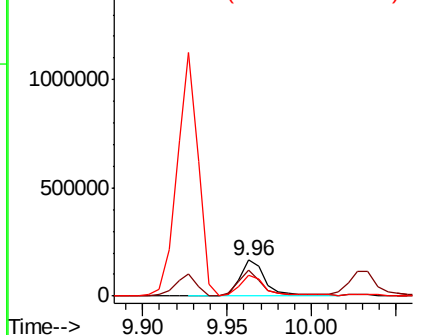
Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.3	55.6	83.4
154	58.4	46.0	69.0

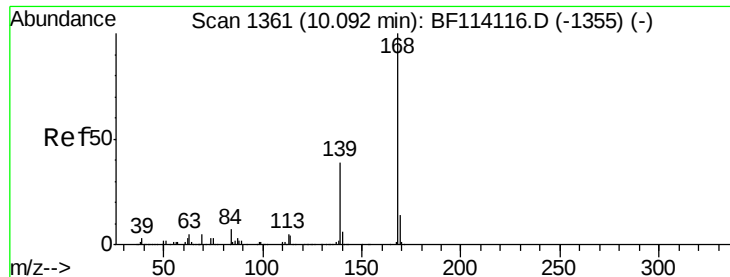
Abundance

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





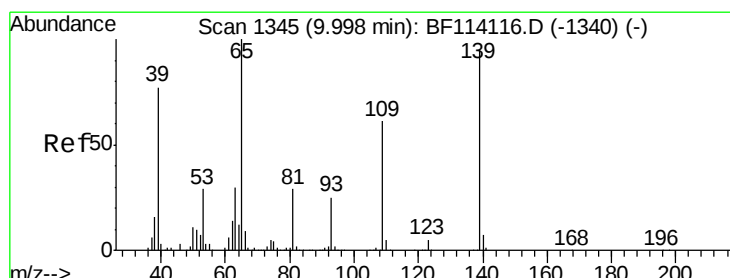
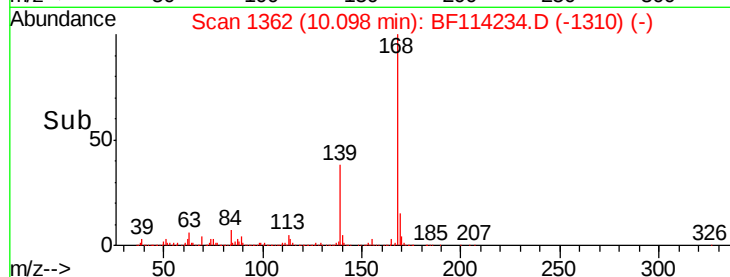
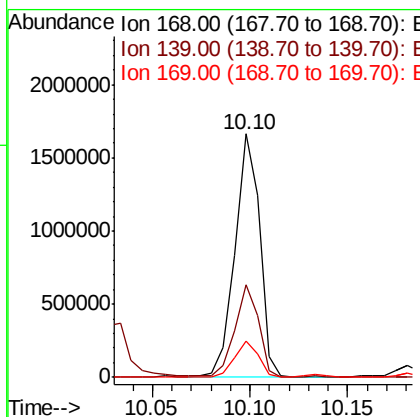
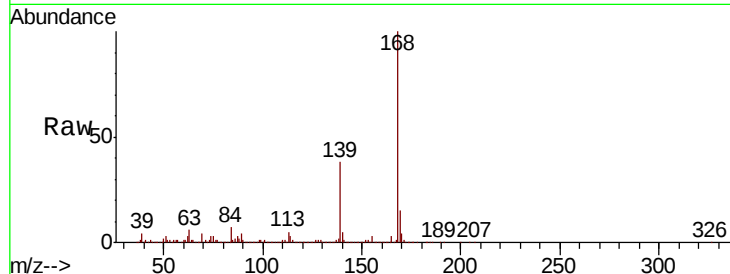
#55
Dibenzenofuran
Concen: 39.938 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.1	46.7
169	14.9	11.4	17.0

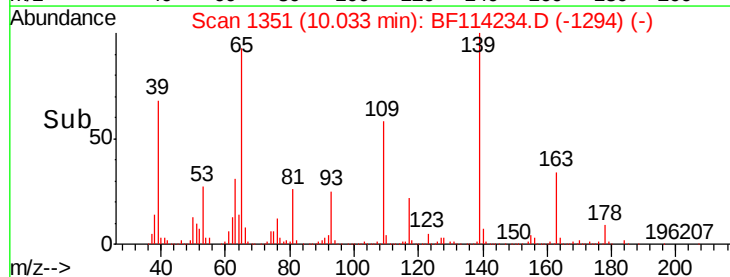
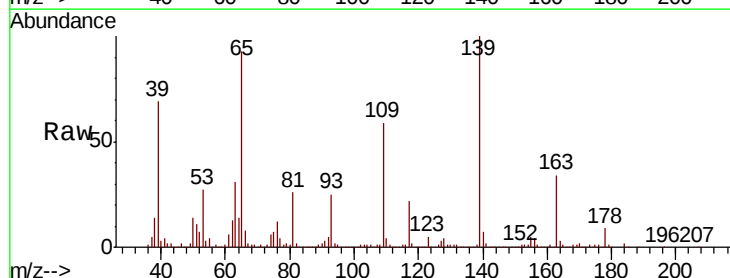
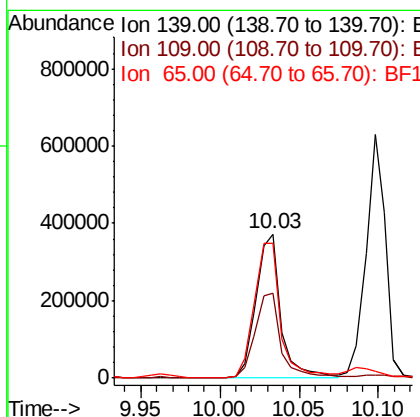
Manual Integrations
APPROVED

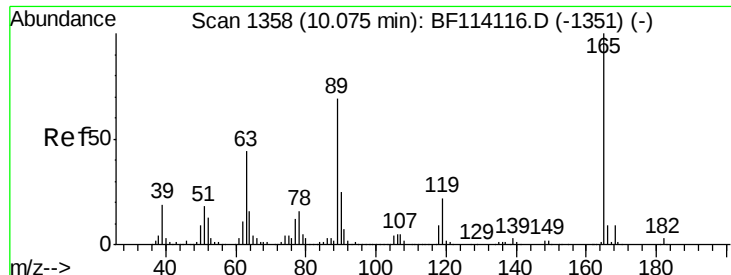
Sohil
5/14/2019 8:03:19 PM



#56
4-Nitrophenol
Concen: 69.181 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.6	43.9	83.9
65	93.2	85.7	125.7





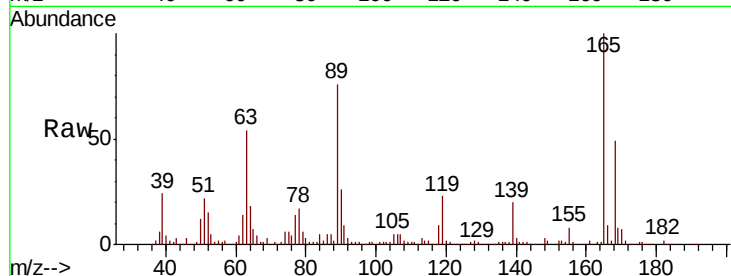
#57
2,4-Dinitrotoluene
Concen: 41.014 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	35.5	53.3#
89	75.7	55.2	82.8
182	2.4	2.2	3.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



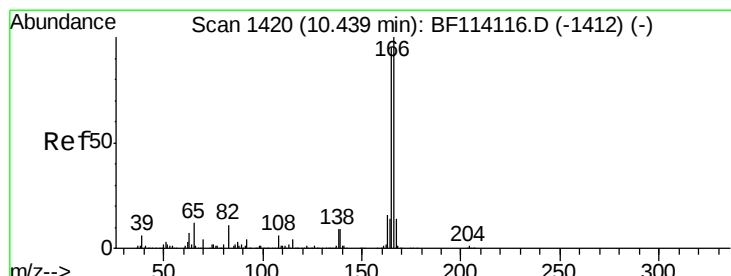
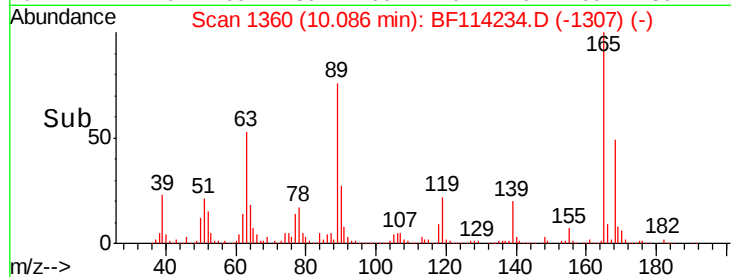
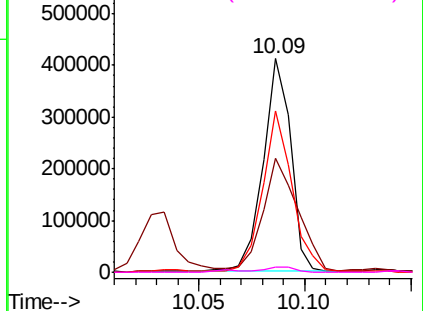
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.158 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

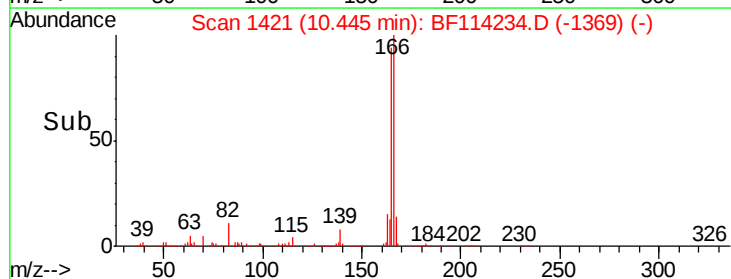
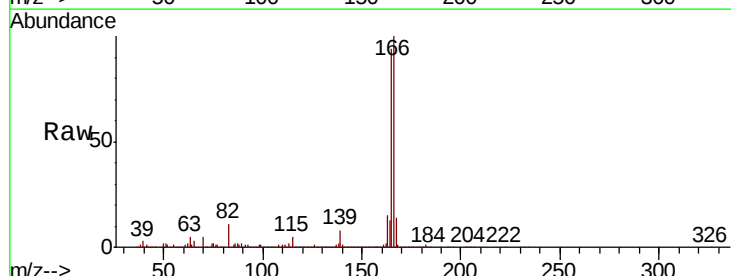
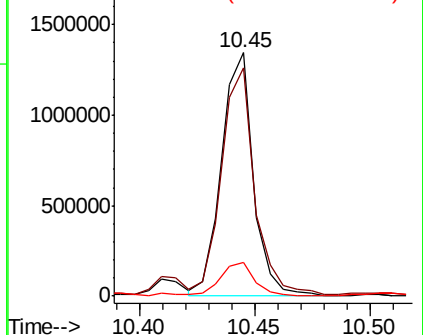
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	76.1	114.1
167	13.9	11.1	16.7

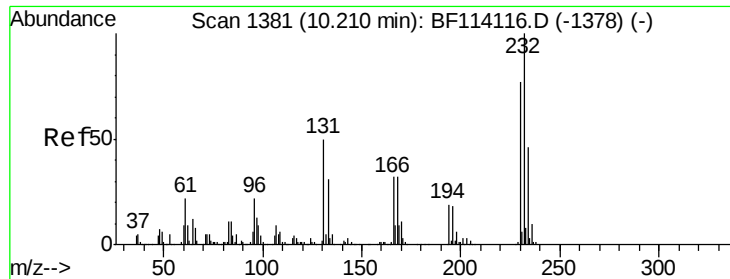
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





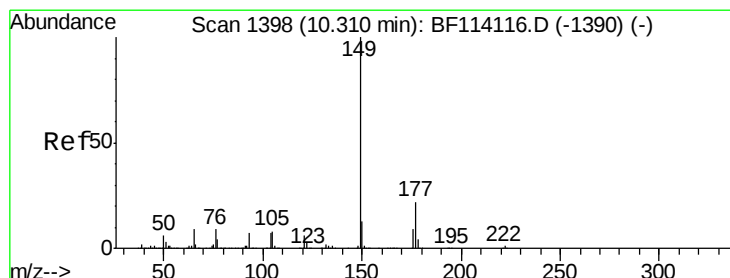
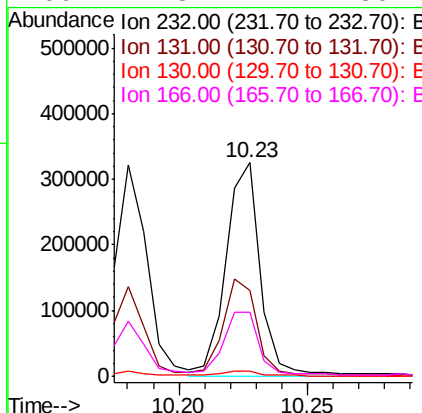
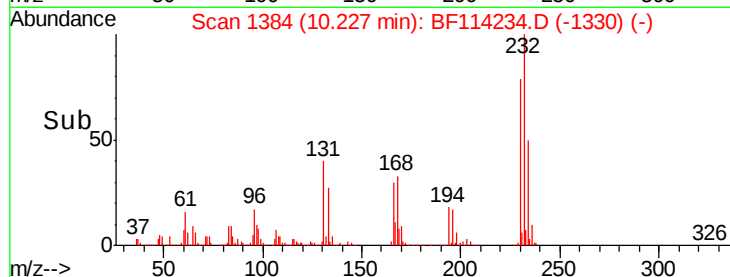
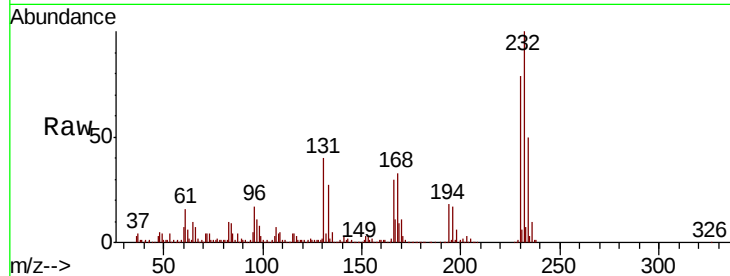
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.108 ng m
RT: 10.23 min Scan# 1384
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.8	35.6	53.4
130	2.2	1.6	2.4
166	24.3	24.1	36.1

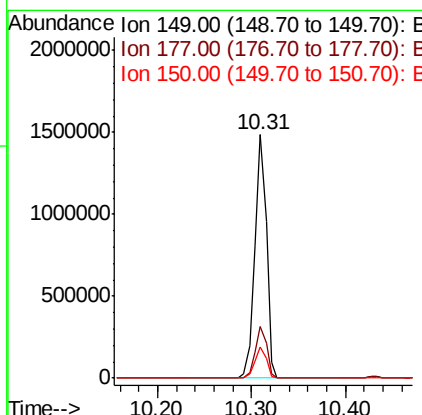
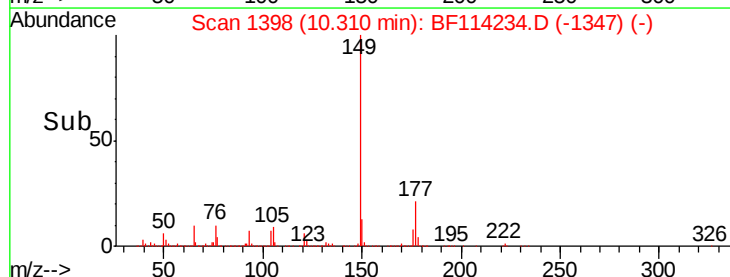
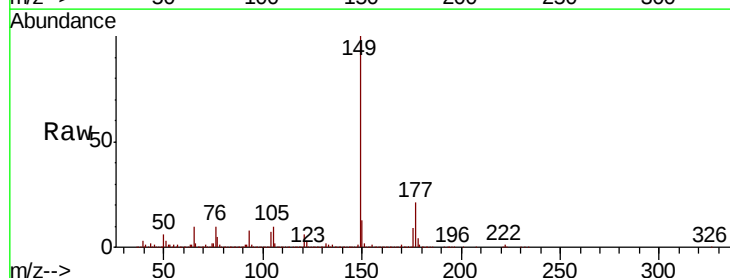
Manual Integrations
APPROVED

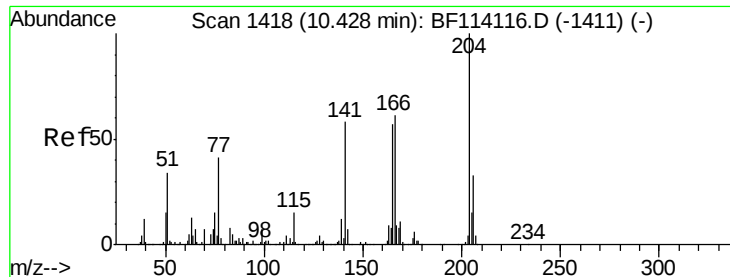
Sohil
5/14/2019 8:03:19 PM



#60
Diethylphthalate
Concen: 41.428 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.8	26.6
150	13.0	10.2	15.2





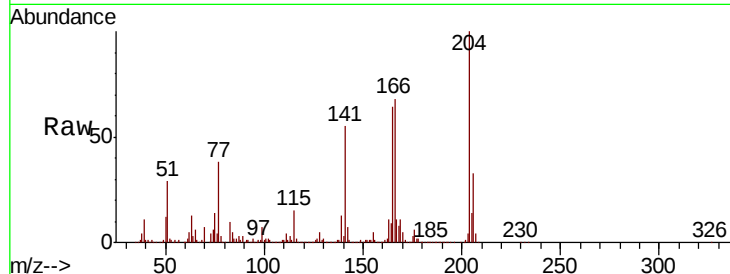
#61
4-Chlorophenyl-phenylether
Concen: 40.077 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	555909		
206	33.0	26.6	39.8	
141	54.9	46.4	69.6	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

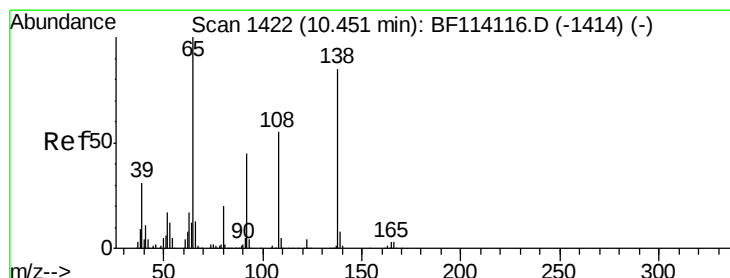
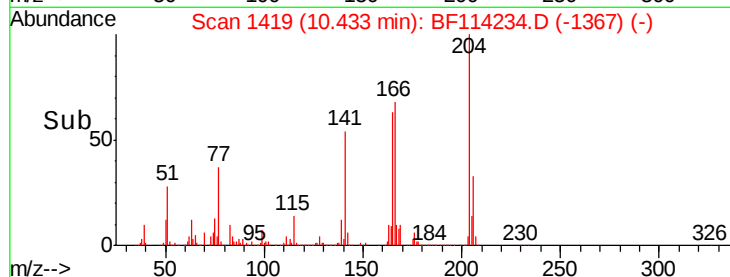
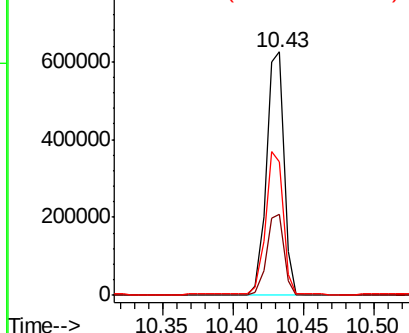


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 24.888 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

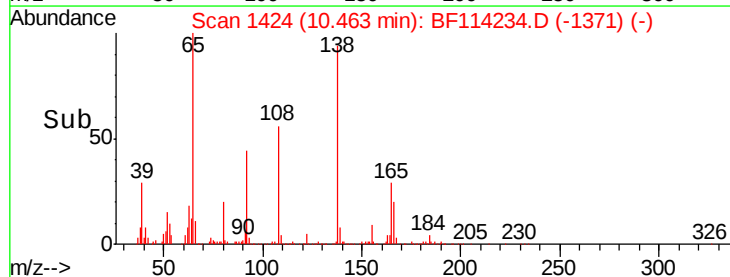
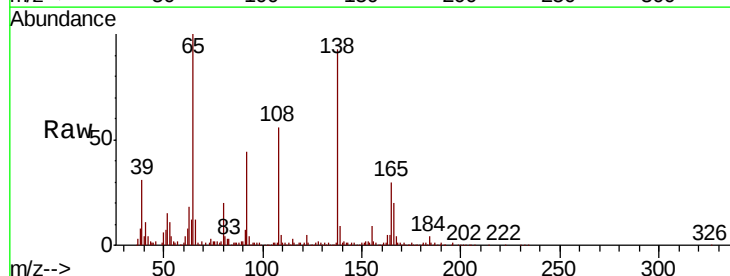
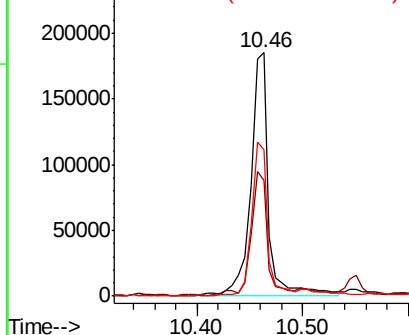
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	217214		
92	47.3	33.0	73.0	
108	59.9	44.9	84.9	

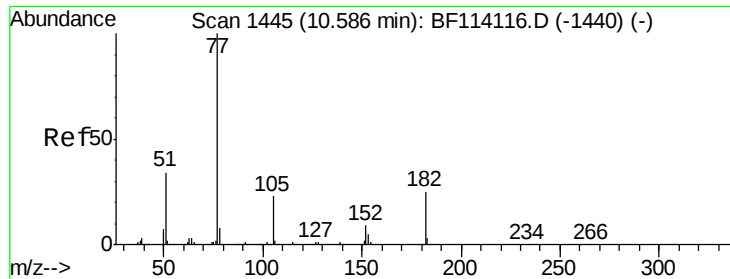
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





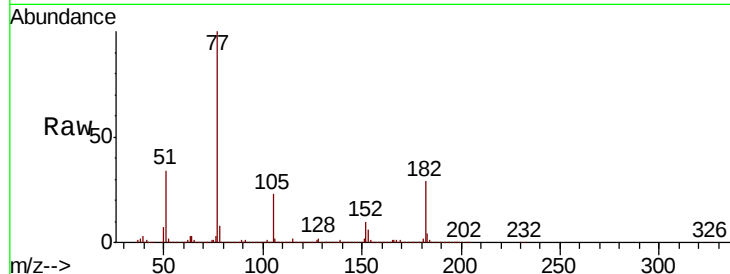
#63
Azobenzene
Concen: 40.611 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	4.7	44.7
105	23.4	2.9	42.9
51	34.4	14.6	54.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



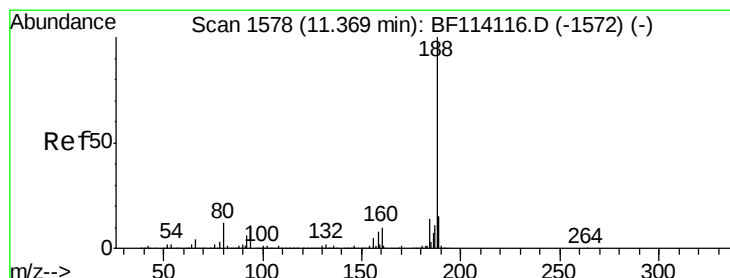
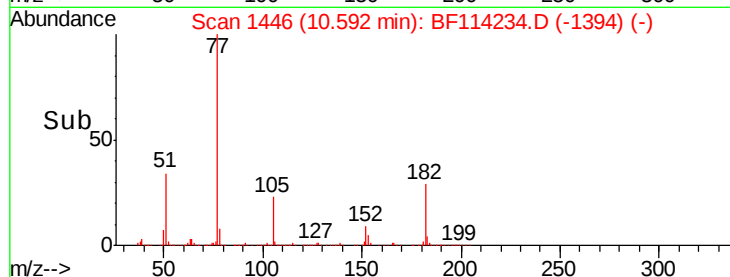
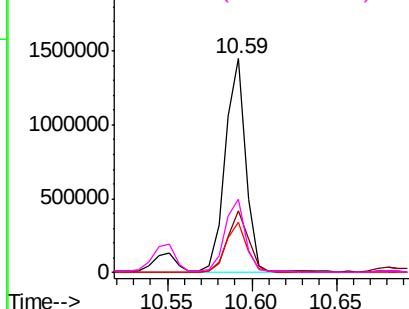
Abundance

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: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

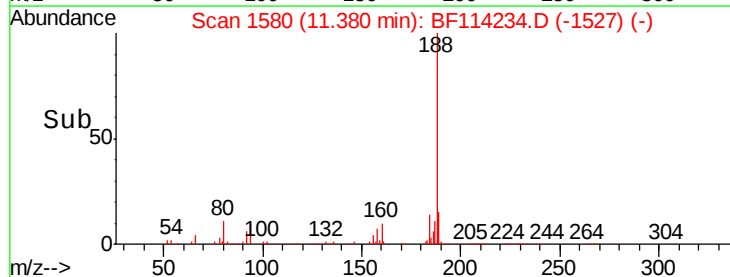
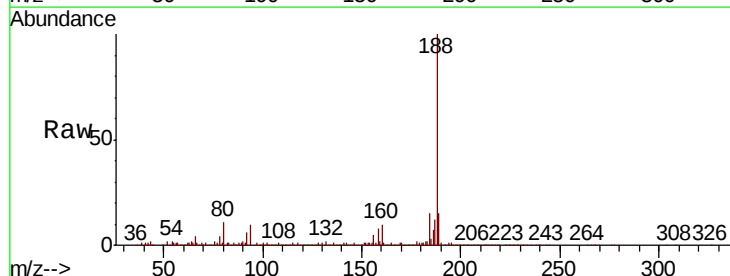
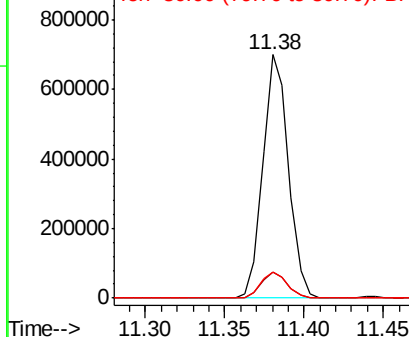
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	10.9	9.2	13.8

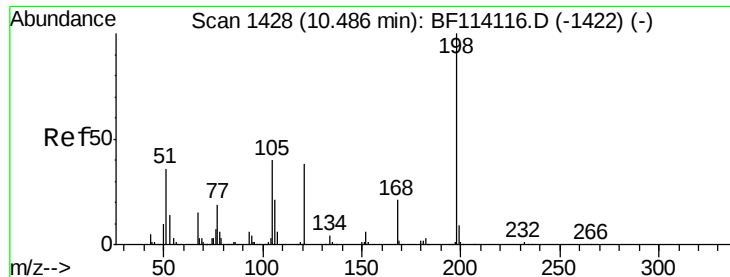
Abundance

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





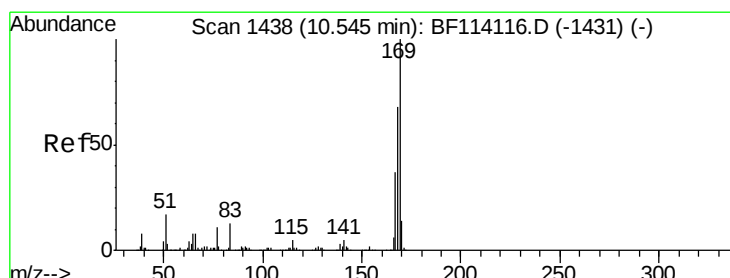
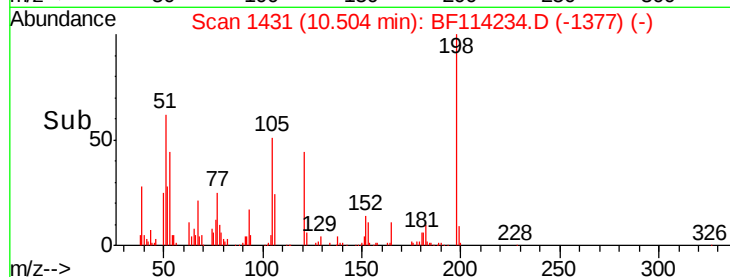
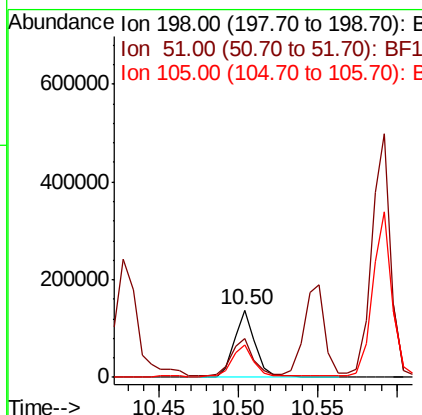
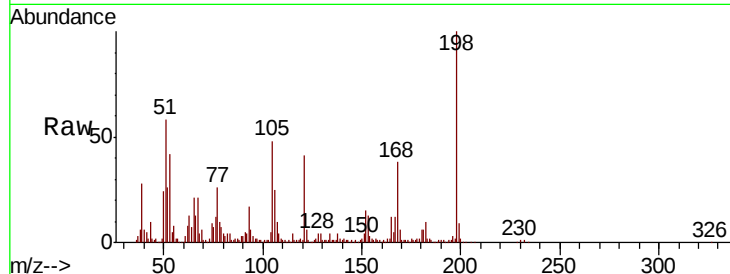
#65
4,6-Dinitro-2-methylphenol
Concen: 33.339 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	125763		
51	58.3	28.0	68.0	
105	48.0	21.1	61.1	

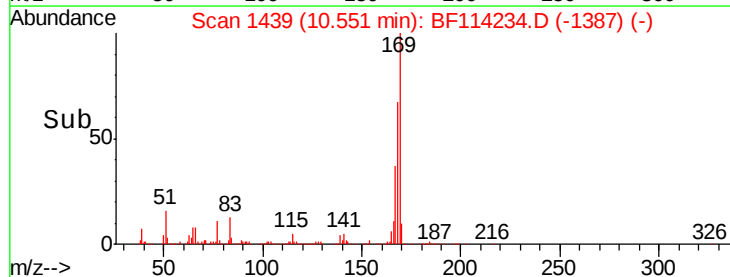
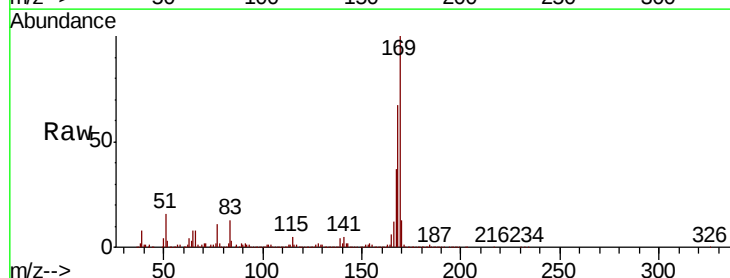
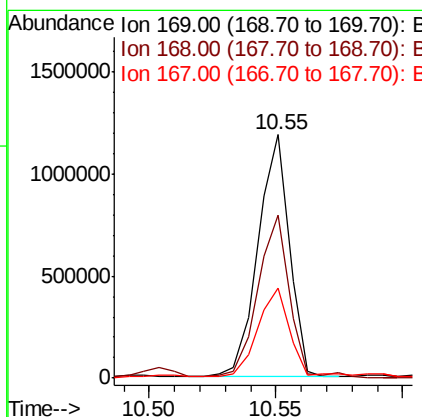
Manual Integrations
APPROVED

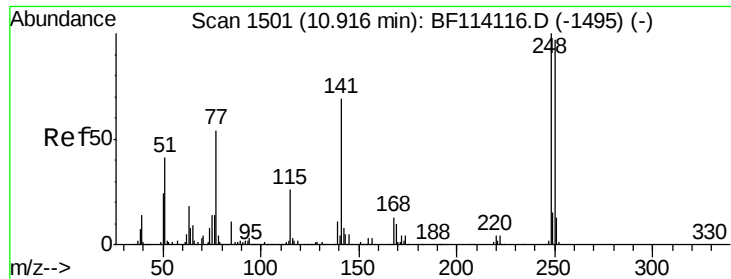
Sohil
5/14/2019 8:03:19 PM



#66
n-Nitrosodiphenylamine
Concen: 43.431 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1034799		
168	67.0	54.2	81.2	
167	37.1	29.8	44.8	





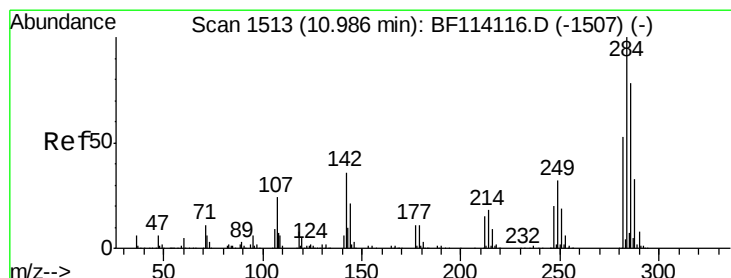
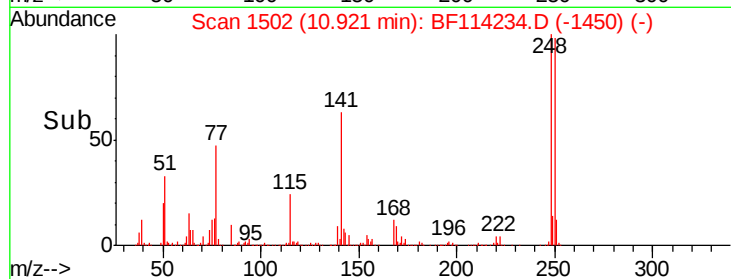
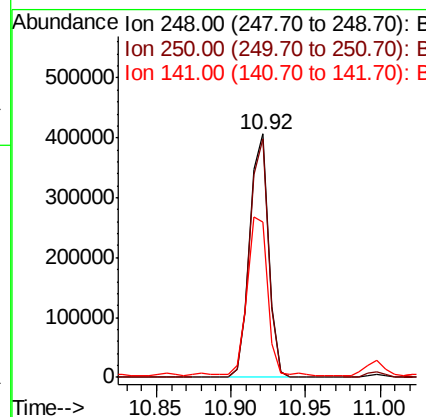
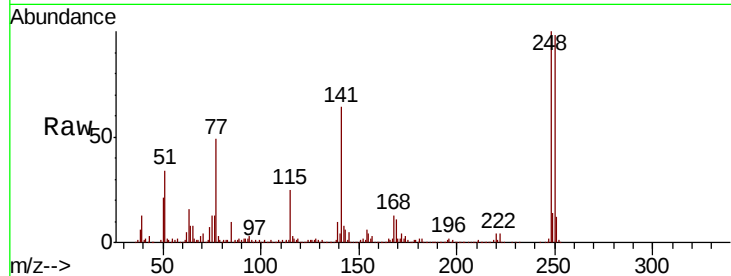
#67
4-Bromophenyl-phenylether
Concen: 41.134 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.4	116.2
141	64.0	55.6	83.4

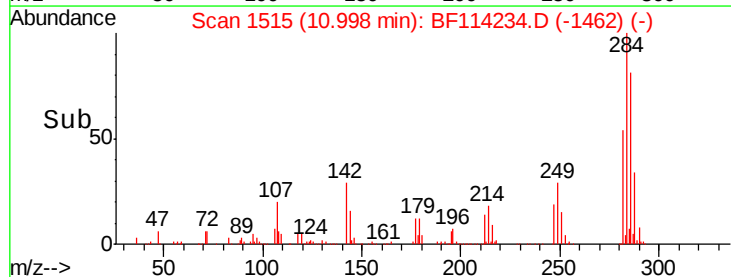
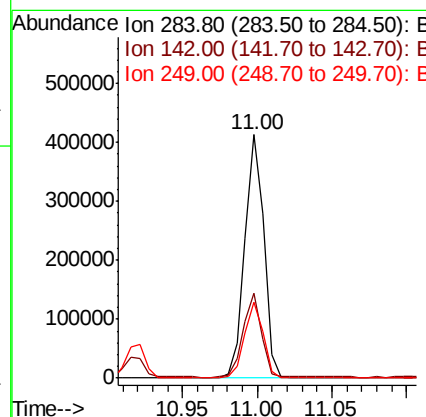
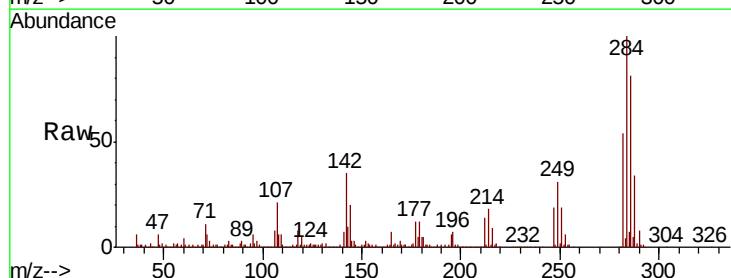
Manual Integrations
APPROVED

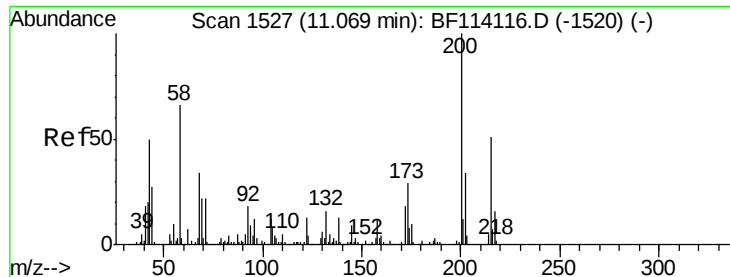
Sohil
5/14/2019 8:03:19 PM



#68
Hexachlorobenzene
Concen: 38.513 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.4	42.6
249	31.1	25.2	37.8





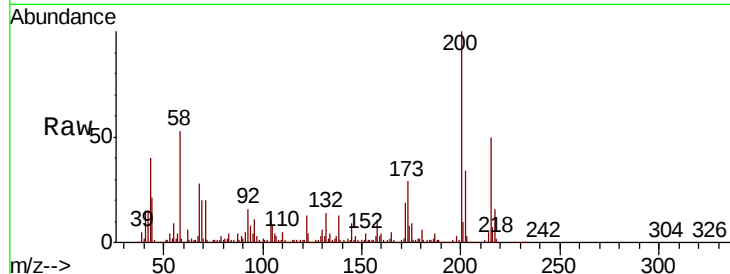
#69
Atrazine
Concen: 44.446 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	329551		
173	28.5	8.9	48.9	
215	49.6	30.7	70.7	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

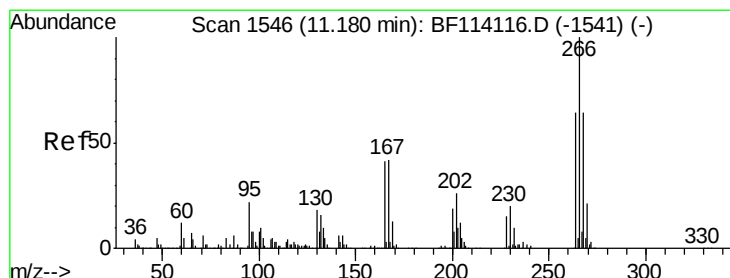
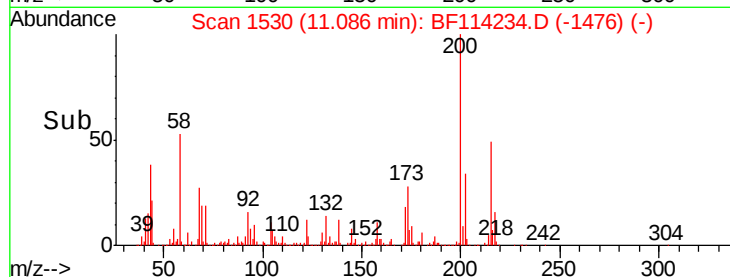
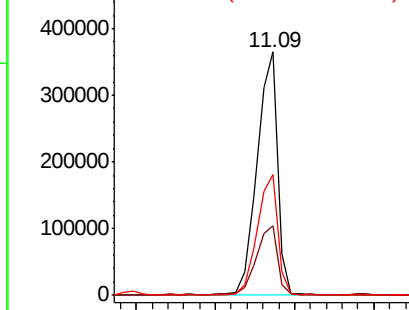


Abundance

Ion 200.00 (199.70 to 200.70): E

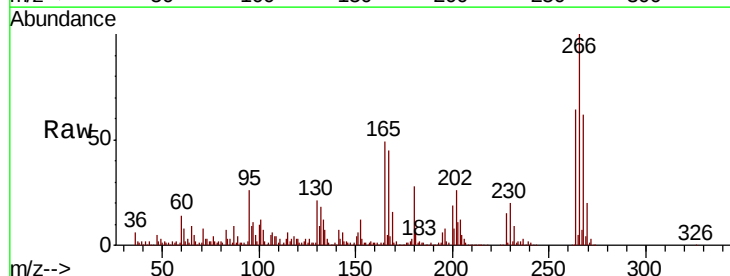
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.768 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	347982		
268	62.3	51.1	76.7	
264	64.2	51.1	76.7	

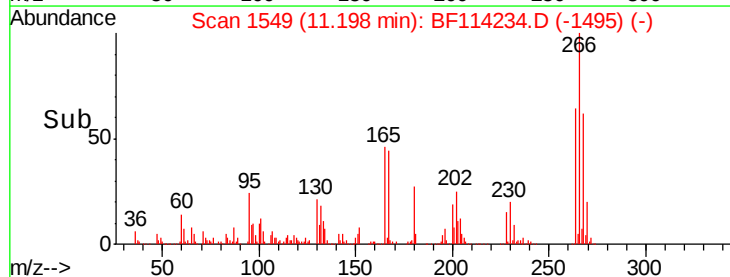
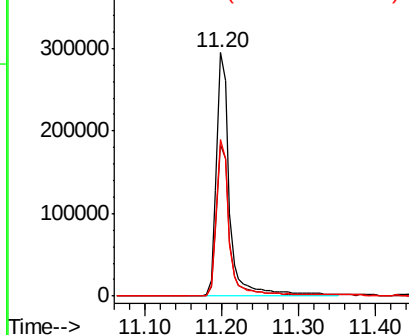


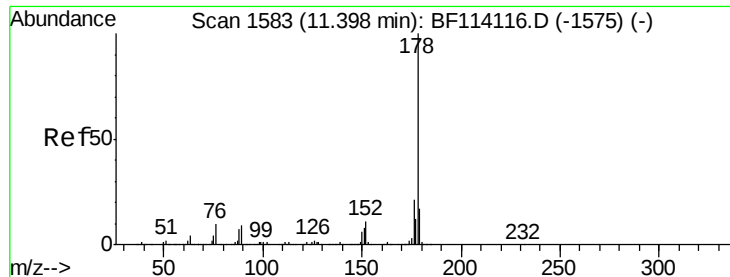
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





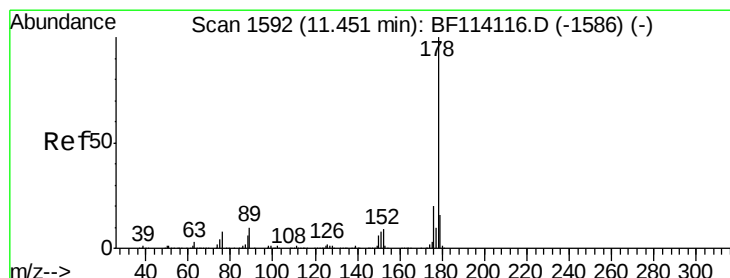
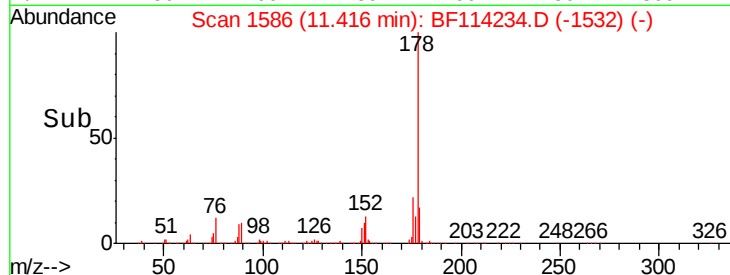
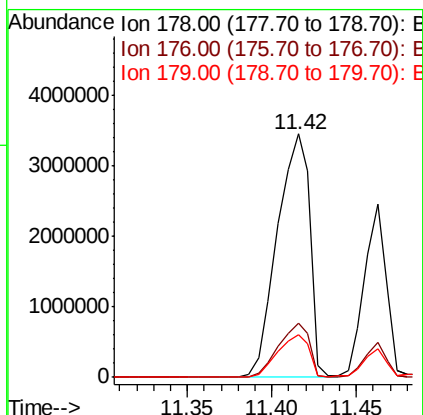
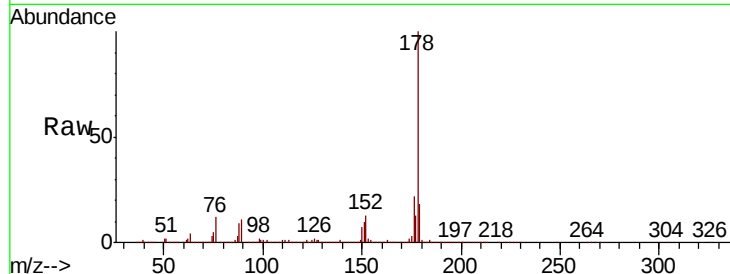
#71
Phenanthrene
Concen: 120.810 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion:178 Resp: 4614185
Ion Ratio Lower Upper
178 100
176 22.4 16.4 24.6
179 17.7 13.2 19.8

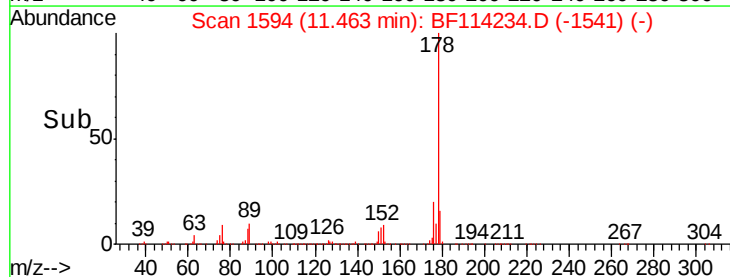
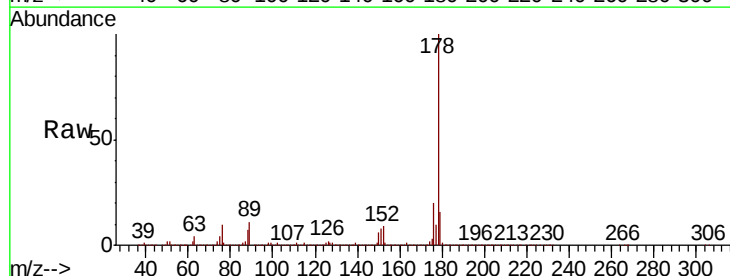
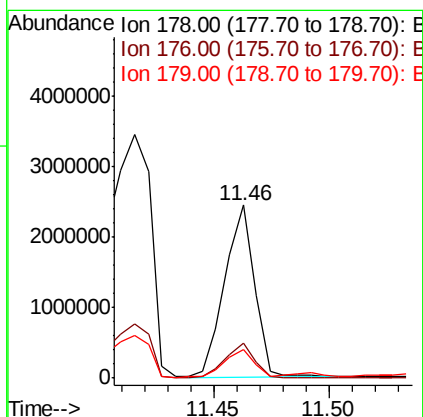
Manual Integrations
APPROVED

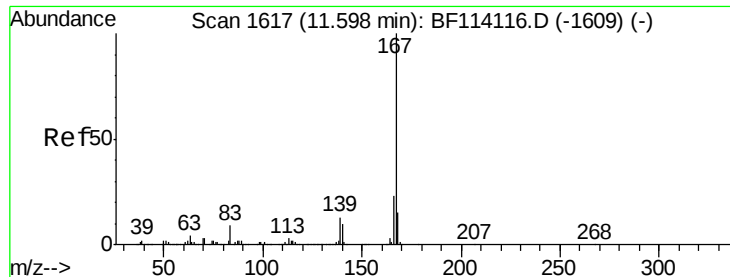
Sohil
5/14/2019 8:03:19 PM



#72
Anthracene
Concen: 57.557 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:178 Resp: 2208025
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.4 13.0 19.4





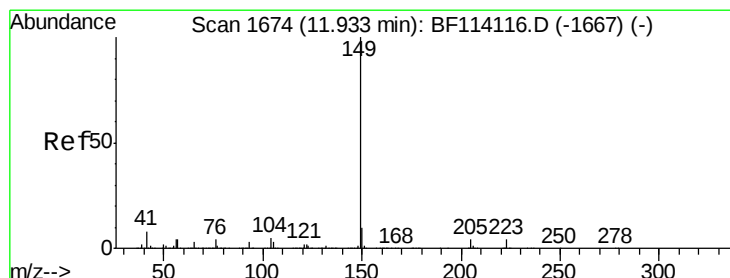
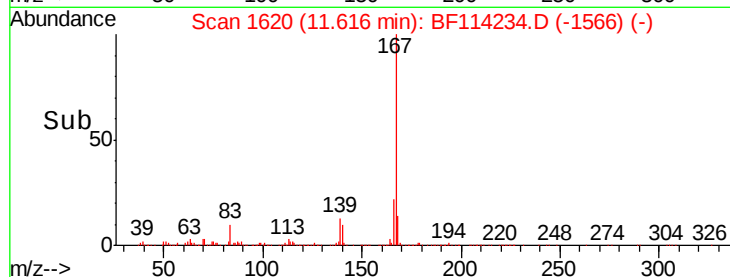
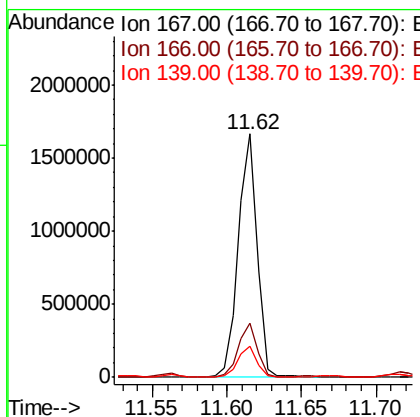
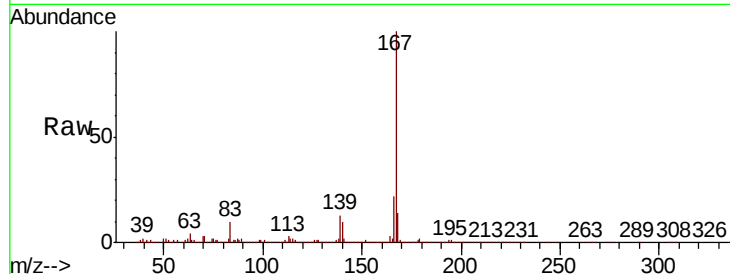
#73
 Carbazole
 Concen: 40.086 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.02 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	12.8	10.6	16.0

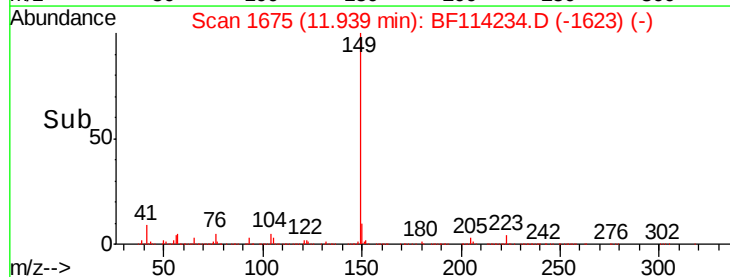
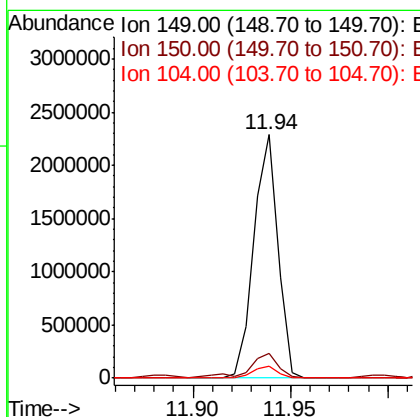
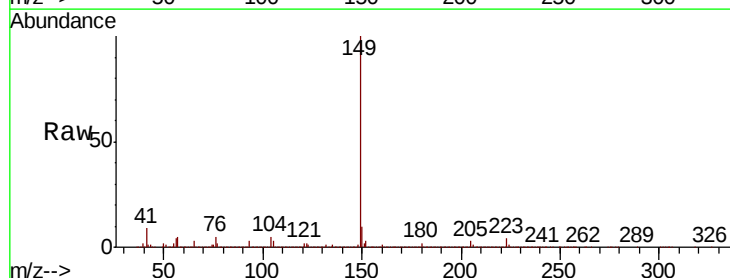
Manual Integrations
 APPROVED

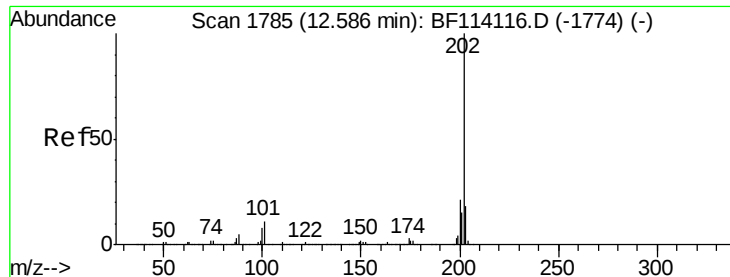
Sohil
 5/14/2019 8:03:19 PM



#74
 Di-n-butylphthalate
 Concen: 46.183 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 134.309 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.03 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

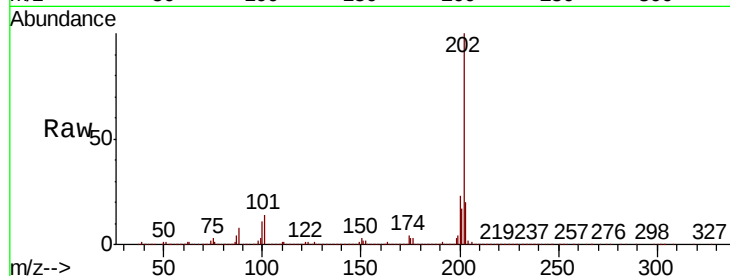
ClientSampleId :

P026-SS006-0002-01MSD

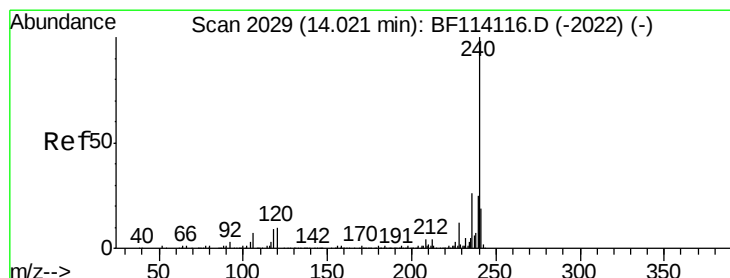
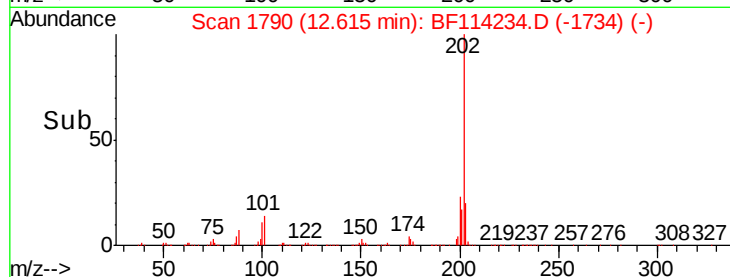
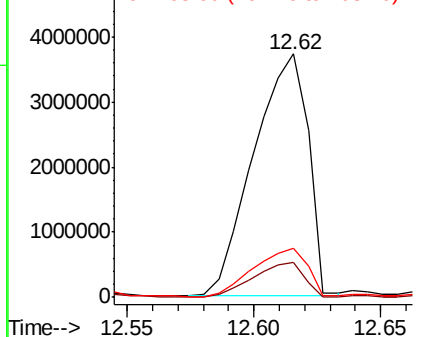
Tot Ion:	202	Resp:	5524097
Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	31.0
203	20.1	0.0	38.4

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 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: 14.04 min Scan# 2033

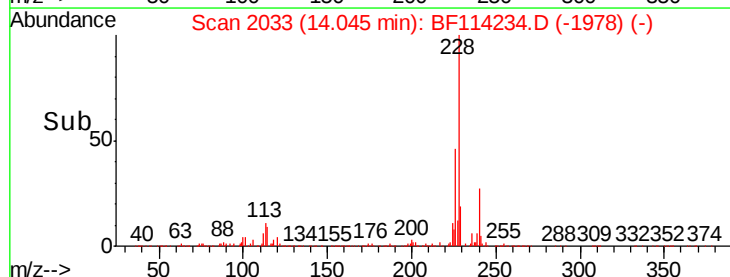
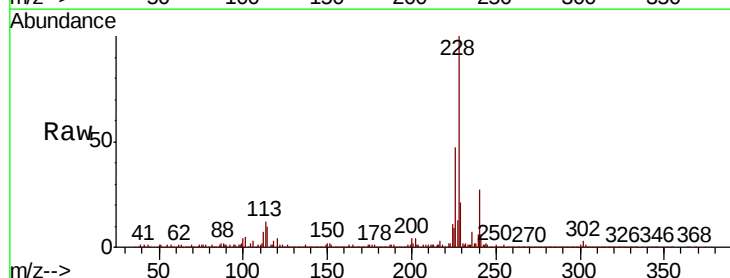
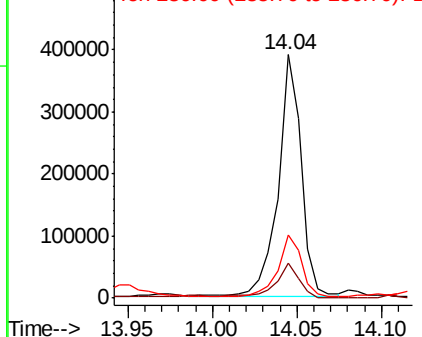
Delta R.T. 0.02 min

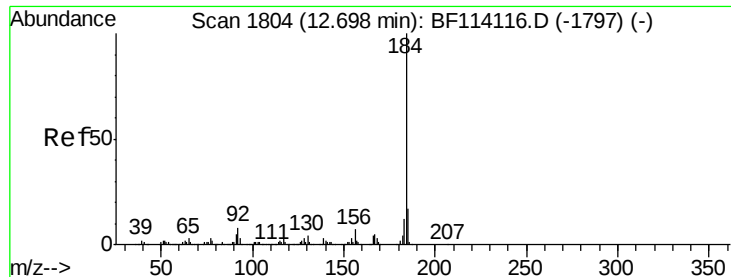
Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion:	240	Resp:	365267
Ion	Ratio	Lower	Upper
240	100		
120	14.3	8.3	12.5#
236	26.1	20.8	31.2

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: 0.414 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

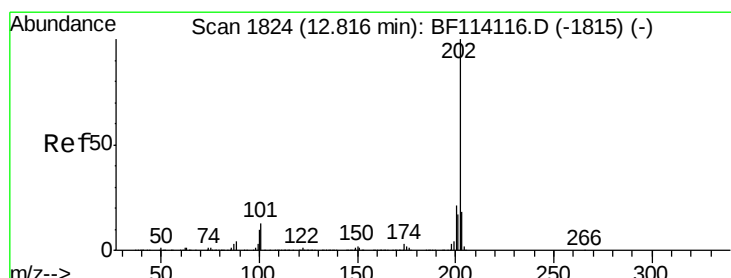
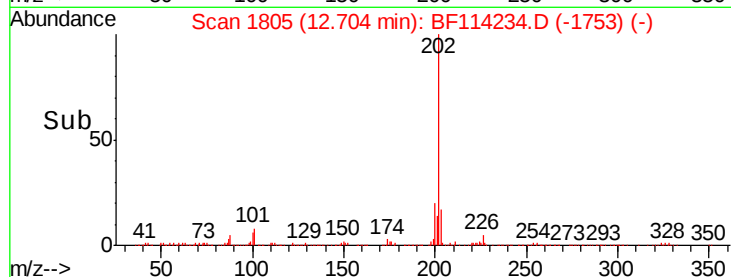
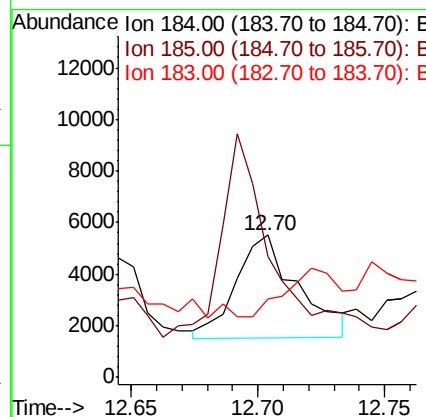
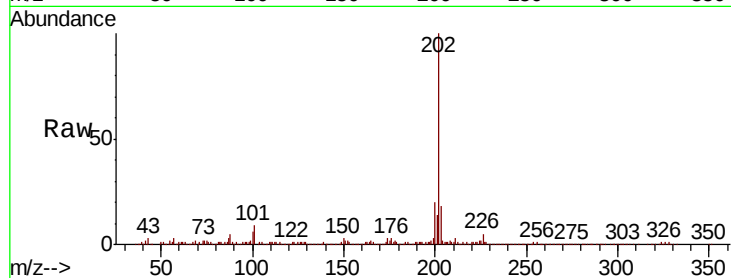
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	84.6	13.6	20.4#
183	55.5	9.2	13.8#

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



#78

Pyrene

Concen: 274.243 ng

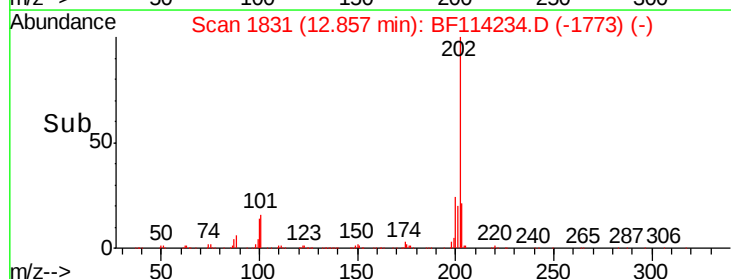
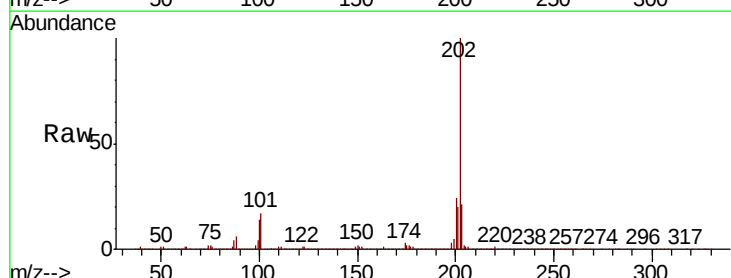
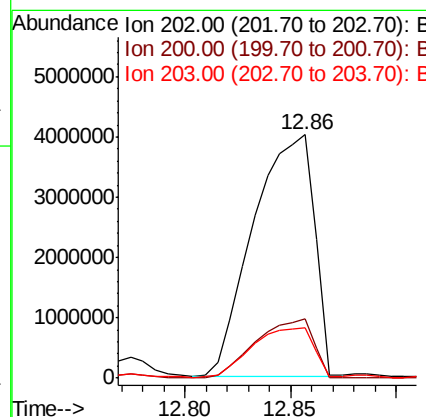
RT: 12.86 min Scan# 1831

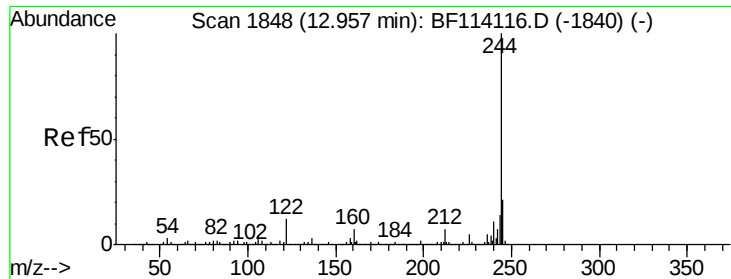
Delta R.T. 0.04 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.2	16.9	25.3
203	20.9	14.5	21.7





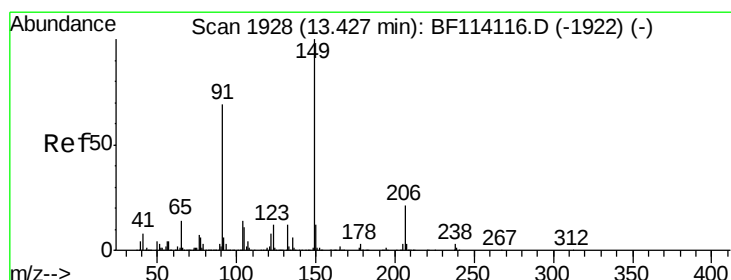
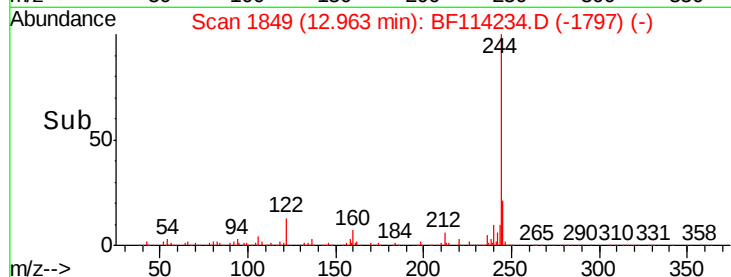
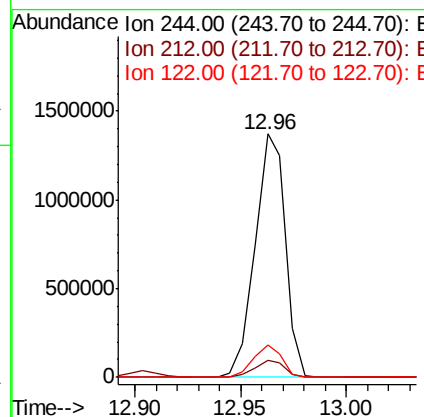
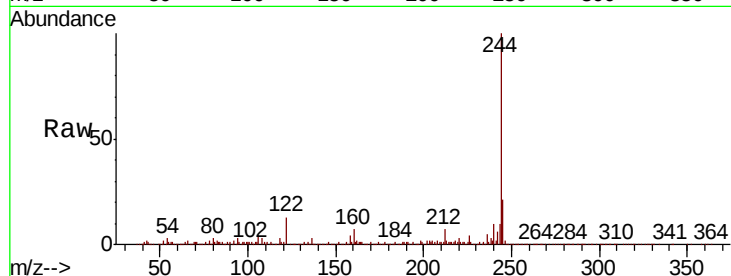
#79
 Terphenyl-d14
 Concen: 76.807 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.1	9.4	14.2

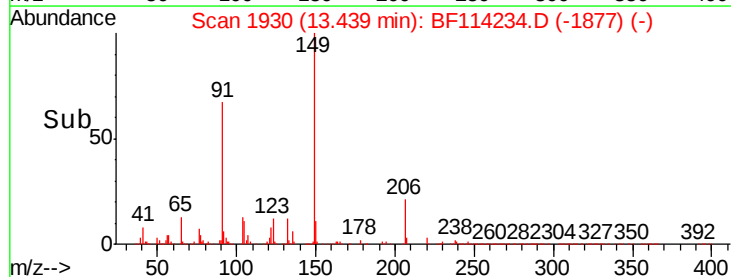
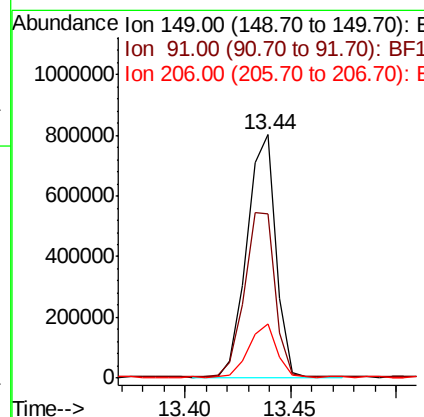
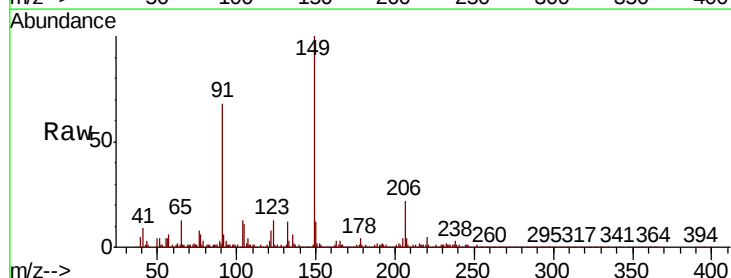
Manual Integrations
 APPROVED

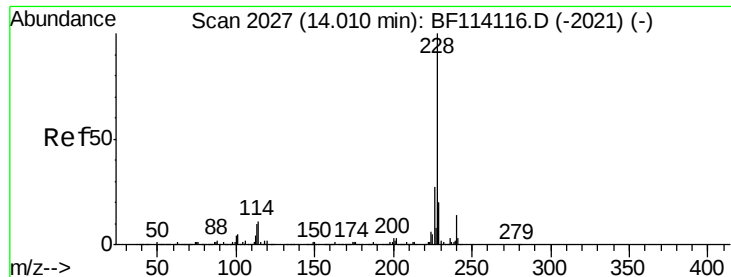
Sohil
 5/14/2019 8:03:19 PM



#80
 Butylbenzylphthalate
 Concen: 61.122 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.01 min
 Lab File: BF114234.D
 Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	55.0	82.4
206	22.1	16.9	25.3





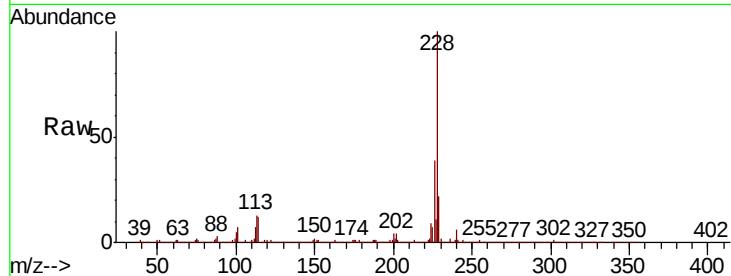
#81
Benzo(a)anthracene
Concen: 171.769 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.03 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

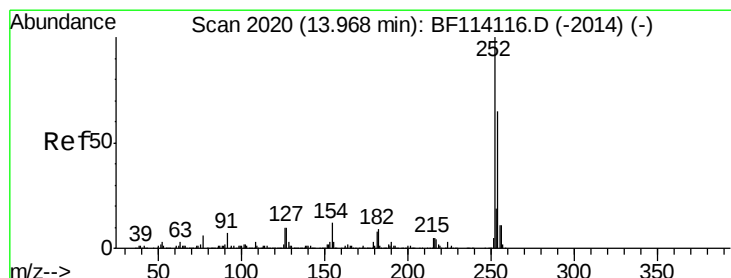
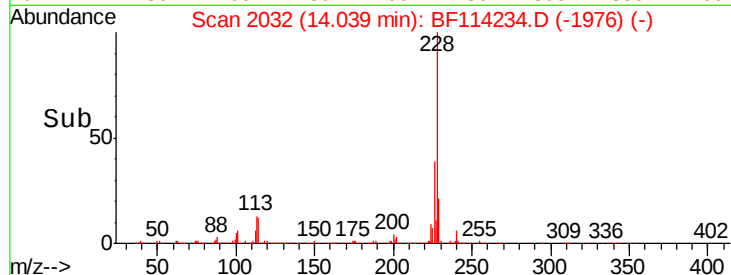
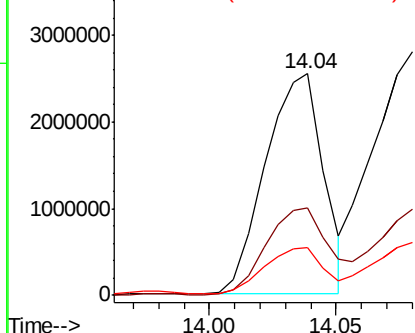
Tot Ion:228 Resp: 4058081
Ion Ratio Lower Upper
228 100
226 39.4 22.2 33.2#
229 21.8 16.4 24.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

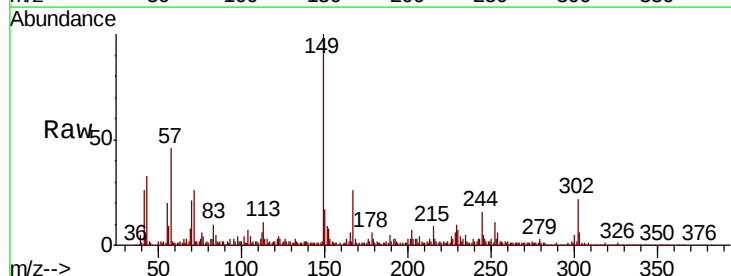


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

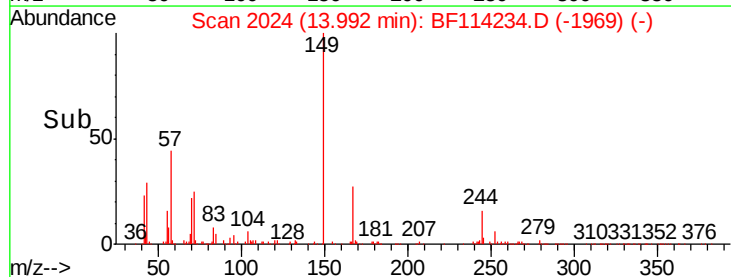
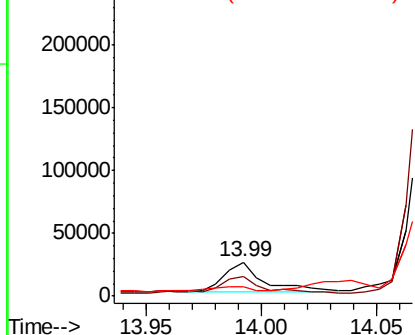


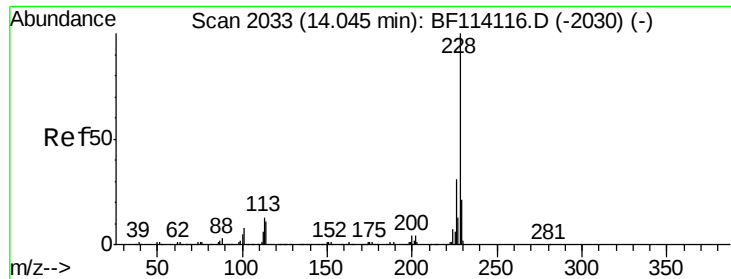
#82
3,3'-Dichlorobenzidine
Concen: 3.135 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:252 Resp: 28736
Ion Ratio Lower Upper
252 100
254 57.3 51.9 77.9
126 25.7 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





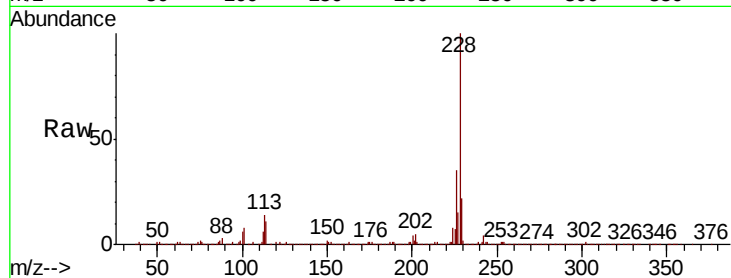
#83
Chrysene
Concen: 175.026 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.04 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

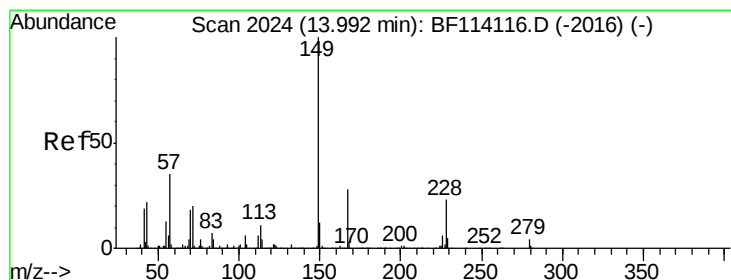
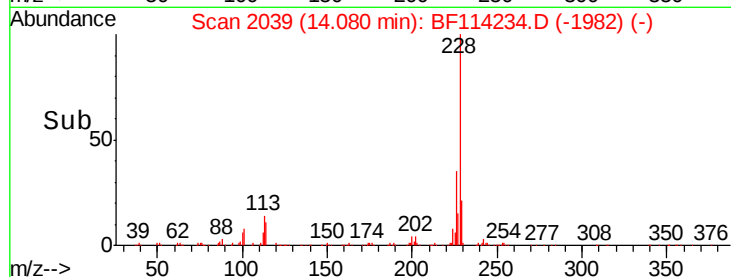
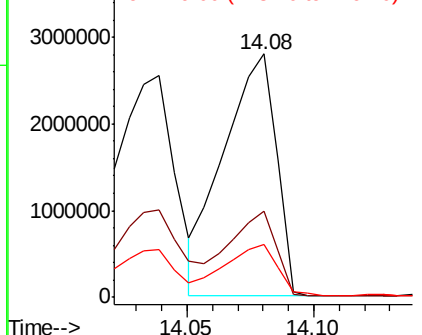
Tot Ion:228 Resp: 4053504
Ion Ratio Lower Upper
228 100
226 35.2 25.0 37.6
229 21.9 17.0 25.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM

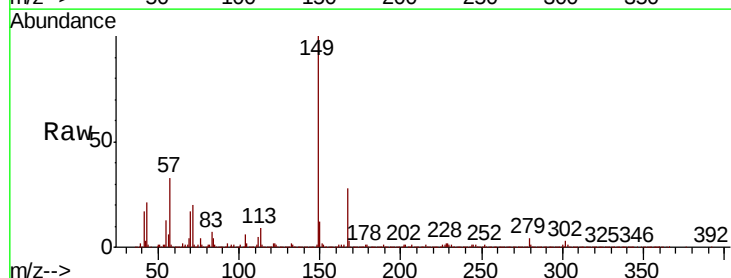


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

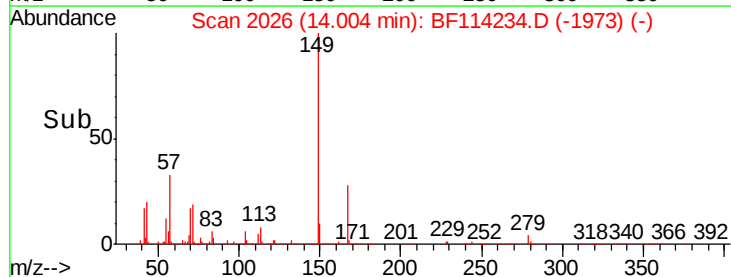
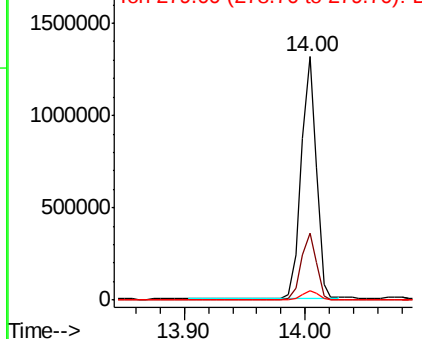


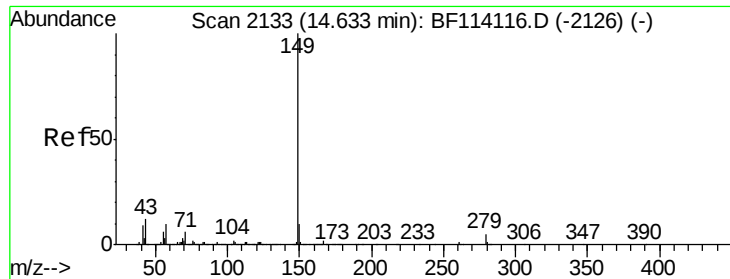
#84
Bis(2-ethylhexyl)phthalate
Concen: 71.553 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:149 Resp: 1157426
Ion Ratio Lower Upper
149 100
167 27.7 22.6 33.8
279 3.9 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 64.930 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:149 Resp: 1702587

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

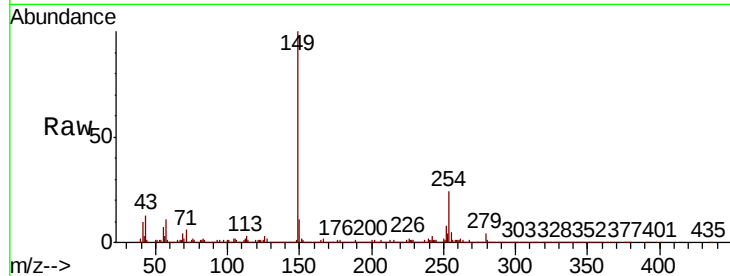
43 12.3 10.1 15.1

Manual Integrations

APPROVED

Sohil

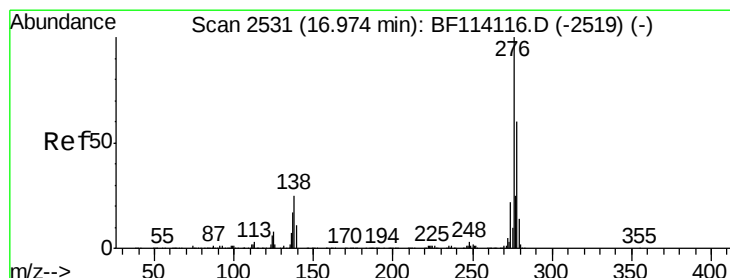
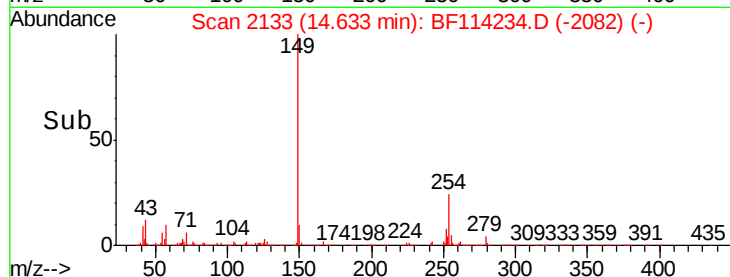
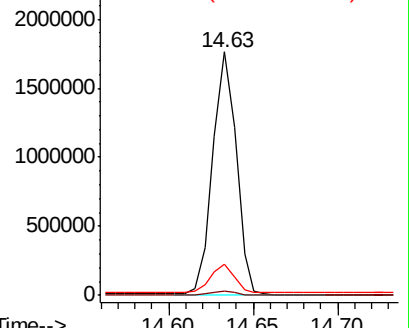
5/14/2019 8:03:19 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 120.965 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.08 min

Lab File: BF114234.D

Acq: 13 May 2019 17:34

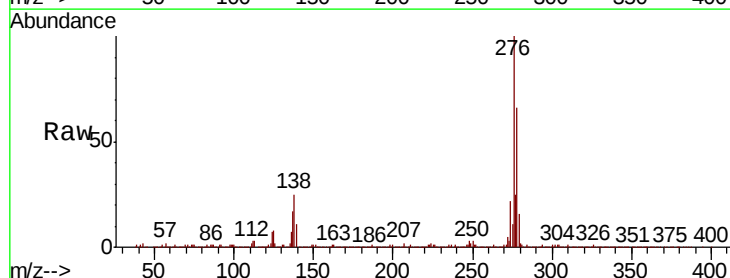
Tgt Ion:276 Resp: 2475906

Ion Ratio Lower Upper

276 100

138 23.9 20.2 30.2

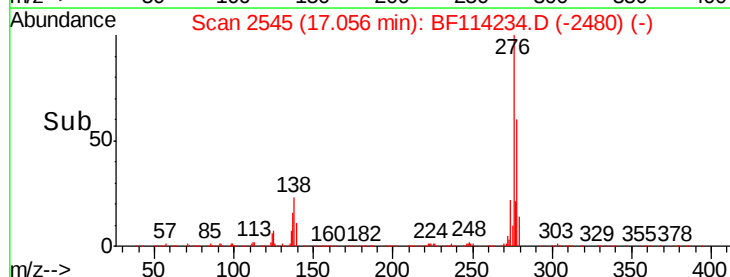
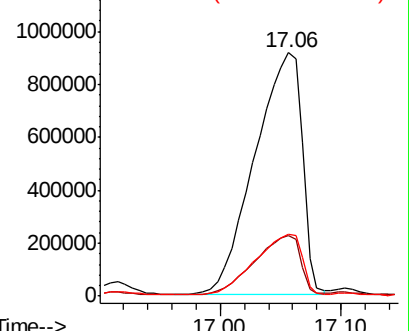
277 24.8 20.0 30.0

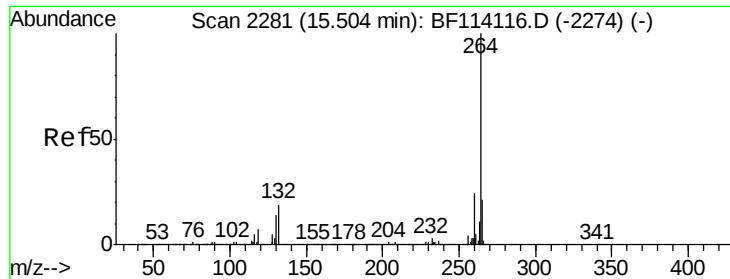


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





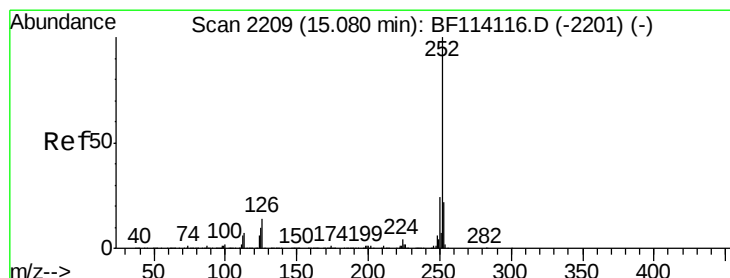
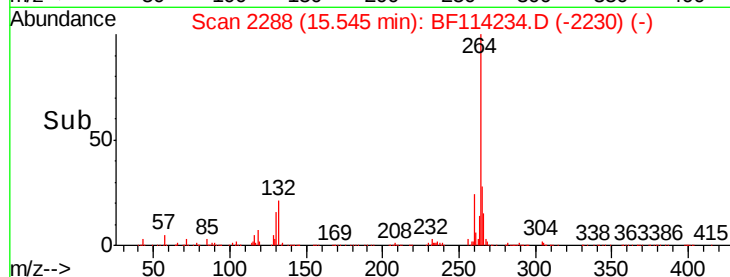
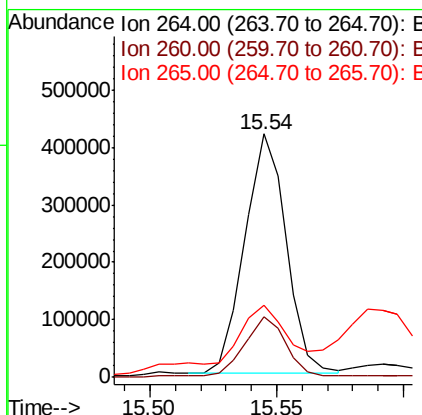
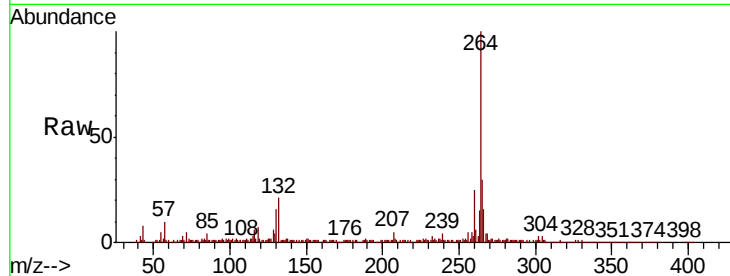
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.04 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	29.5	16.9	25.3

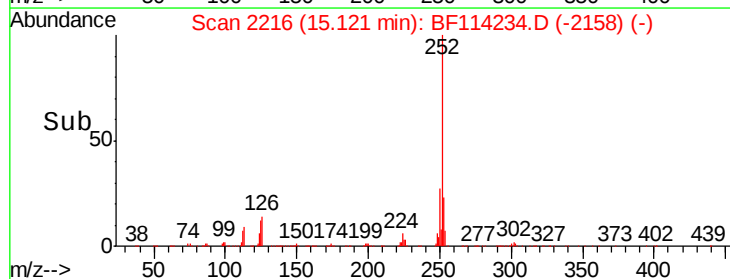
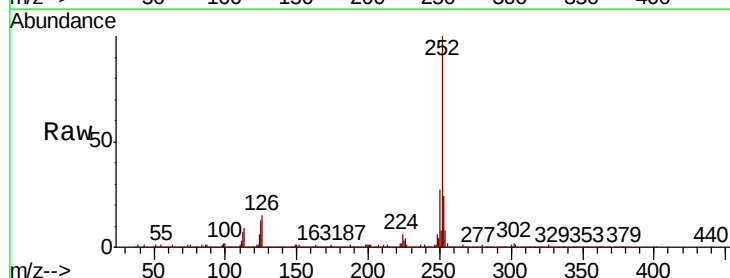
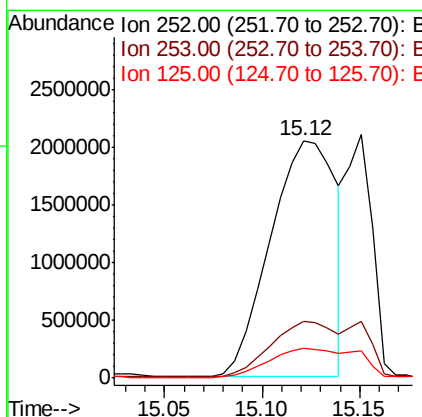
Manual Integrations
APPROVED

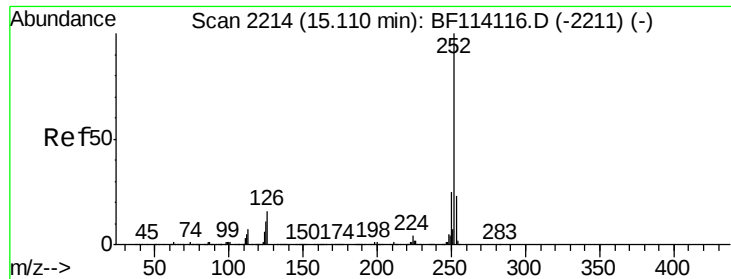
Sohil
5/14/2019 8:03:19 PM



#88
Benzo(b)fluoranthene
Concen: 155.567 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	12.5	8.3	12.5





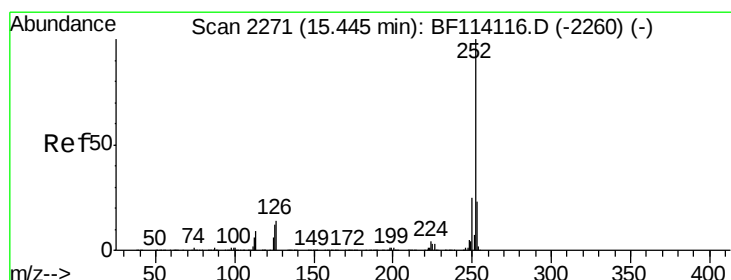
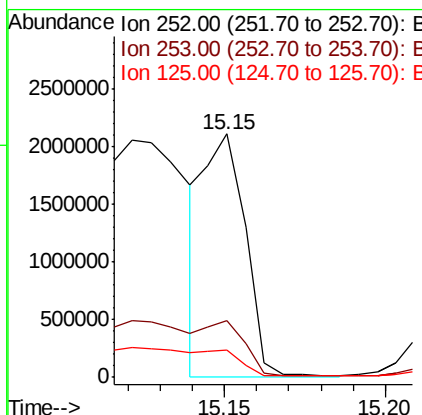
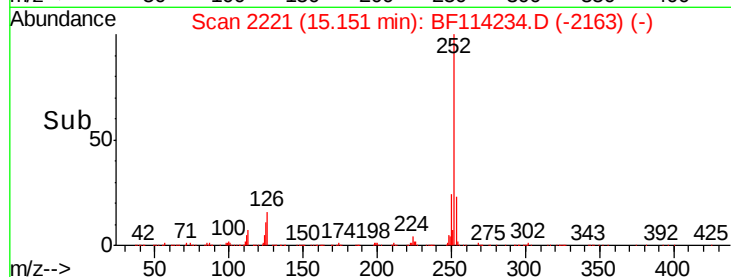
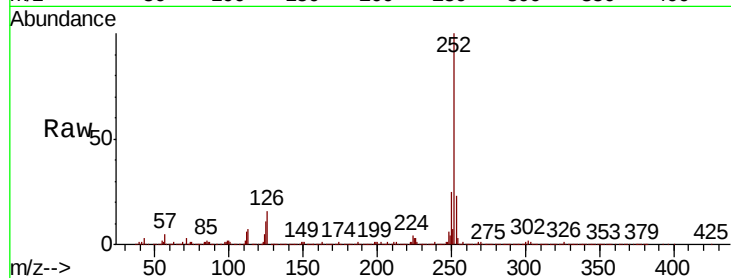
#89
Benzo(k)fluoranthene
Concen: 68.557 ng m
RT: 15.15 min Scan# 2221
Delta R.T. 0.04 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion:252 Resp: 1921933
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 11.2 8.6 13.0

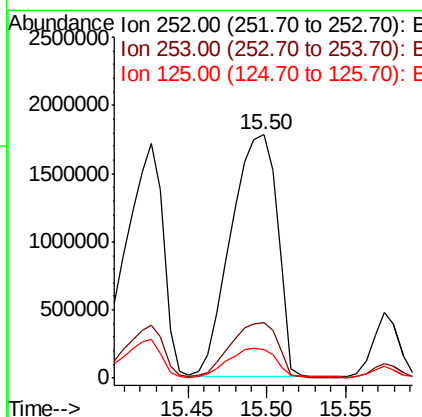
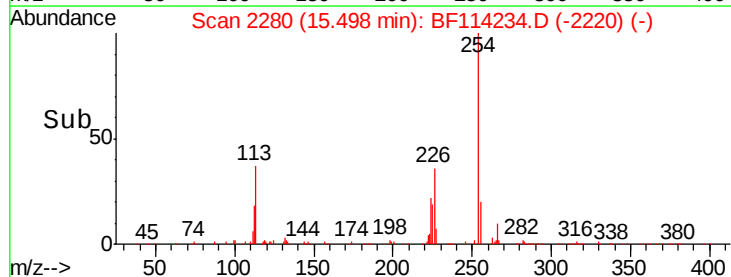
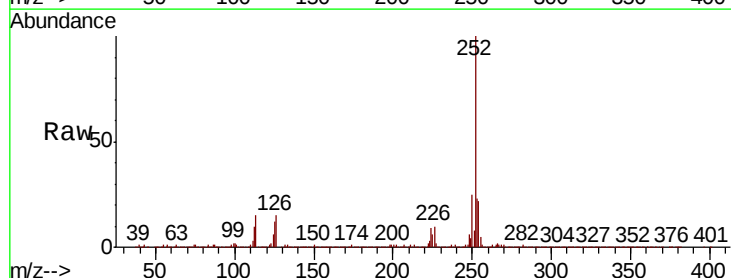
Manual Integrations
APPROVED

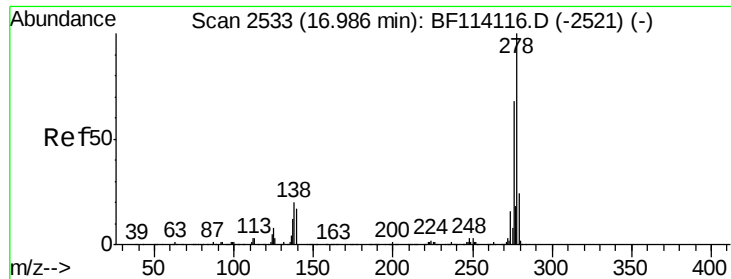
Sohil
5/14/2019 8:03:19 PM



#90
Benzo(a)pyrene
Concen: 134.781 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.05 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:252 Resp: 3620030
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 12.0 9.5 14.3





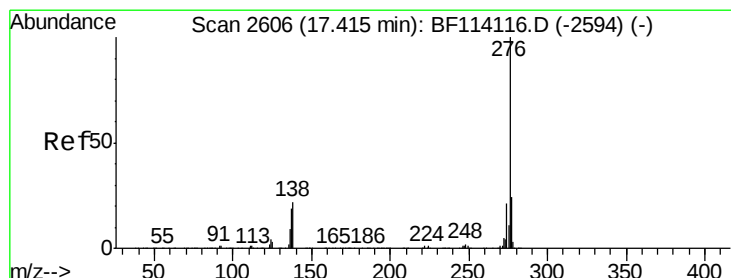
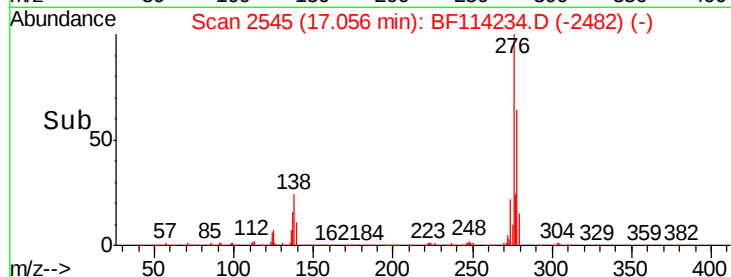
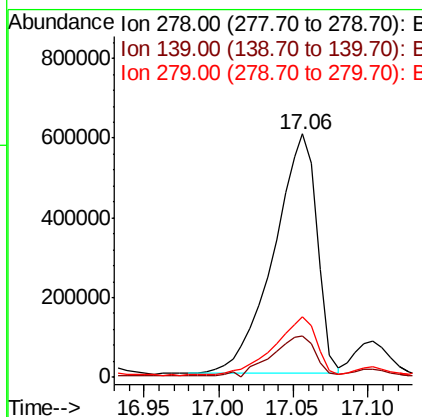
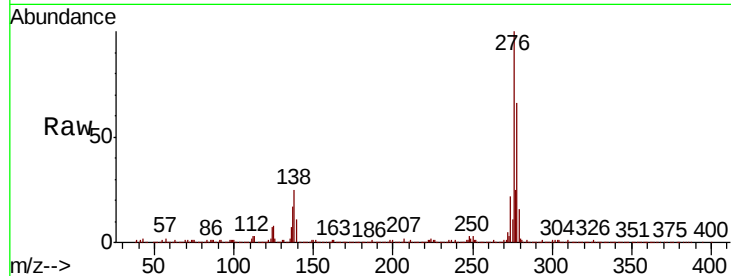
#91
Dibenzo(a,h)anthracene
Concen: 54.547 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.07 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion:278 Resp: 1217403
Ion Ratio Lower Upper
278 100
139 17.1 13.5 20.3
279 24.7 19.0 28.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:19 PM



#92
Benzo(g,h,i)perylene
Concen: 110.750 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.09 min
Lab File: BF114234.D
Acq: 13 May 2019 17:34

Tgt Ion:276 Resp: 2477082
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 23.9 17.8 26.6

