

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114225.D
 Acq On : 13 May 2019 13:39
 Operator : JU/SJ
 Sample : K2766-13MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:06 PM

Quant Time: May 14 05:09:41 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	294246	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1122672	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	538495	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	997295	20.00	ng	0.01
76) Chrysene-d12	14.03	240	569449	20.00	ng	0.00
87) Perylene-d12	15.52	264	624789	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1946481	106.46	ng	0.02
7) Phenol-d6	6.51	99	2578825	119.25	ng	0.02
23) Nitrobenzene-d5	7.42	82	1684948	84.23	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	598250	107.46	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	2555561	71.79	ng	0.00
79) Terphenyl-d14	12.96	244	2175627	78.76	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.63	88	301272	29.977	ng	99
3) Pyridine	3.45	79	170638	6.162	ng	92
4) n-Nitrosodimethylamine	3.33	42	458038	34.302	ng	92
6) Aniline	6.52	93	53279	1.706	ng	# 1
8) 2-Chlorophenol	6.65	128	805618	41.272	ng	96
9) Benzaldehyde	6.40	77	277170	18.308	ng	98
10) Phenol	6.52	94	976474	38.384	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	819255	42.419	ng	99
12) 1,3-Dichlorobenzene	6.80	146	806382	36.803	ng	99
13) 1,4-Dichlorobenzene	6.87	146	822445	37.250	ng	97
14) 1,2-Dichlorobenzene	7.03	146	763526	37.851	ng	99
15) Benzyl Alcohol	7.00	79	668084	39.610	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1442175	38.511	ng	76
17) 2-Methylphenol	7.12	107	637526	39.759	ng	# 92
18) Hexachloroethane	7.37	117	298549	36.023	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	568726	41.490	ng	99
20) 3+4-Methylphenols	7.27	107	774189	41.789	ng	# 62
22) Acetophenone	7.26	105	1091178	43.874	ng	# 90
24) Nitrobenzene	7.44	77	881396	43.259	ng	98
25) Isophorone	7.68	82	1587951	42.801	ng	100
26) 2-Nitrophenol	7.76	139	454917	46.020	ng	98
27) 2,4-Dimethylphenol	7.80	122	672231	43.298	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1042334	43.300	ng	99
29) 2,4-Dichlorophenol	8.00	162	661330	42.777	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	693718	39.461	ng	99
31) Naphthalene	8.16	128	2200372	41.958	ng	99
32) Benzoic acid	7.94	122	491031	44.889	ng	99
33) 4-Chloroaniline	8.22	127	42711	1.787	ng	93
34) Hexachlorobutadiene	8.27	225	384449	38.435	ng	97
35) Caprolactam	8.59	113	181339m	35.973	ng	
36) 4-Chloro-3-methylphenol	8.70	107	692180	44.480	ng	97
37) 2-Methylnaphthalene	8.85	142	1481546	43.787	ng	98
38) 1-Methylnaphthalene	8.95	142	1386681	43.520	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	674327	41.339	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114225.D
 Acq On : 13 May 2019 13:39
 Operator : JU/SJ
 Sample : K2766-13MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

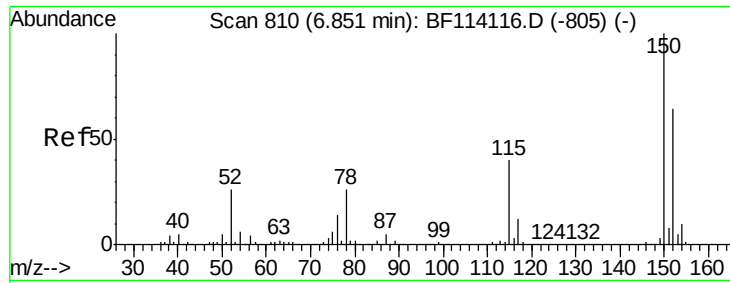
Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:06 PM

Quant Time: May 14 05:09:41 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	300282	41.701	nq	96
43) 2,4,6-Trichlorophenol	9.13	196	468826	41.785	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	486161	42.251	nq	96
46) 1,1'-Biphenyl	9.32	154	1805409	41.501	nq	99
47) 2-Chloronaphthalene	9.34	162	1364830	38.983	nq	99
48) 2-Nitroaniline	9.44	65	498706	40.165	nq	98
49) Acenaphthylene	9.76	152	2151238	40.399	nq	99
50) Dimethylphthalate	9.62	163	2115400	53.513	nq	# 96
51) 2,6-Dinitrotoluene	9.68	165	378276	43.144	nq	92
52) Acenaphthene	9.93	154	1248053	38.195	nq	98
53) 3-Nitroaniline	9.85	138	98772	9.075	nq	96
54) 2,4-Dinitrophenol	9.96	184	307291	70.568	nq	94
55) Dibenzofuran	10.10	168	1878980	39.215	nq	99
56) 4-Nitrophenol	10.03	139	533396	69.299	nq	89
57) 2,4-Dinitrotoluene	10.09	165	483957	40.667	nq	95
58) Fluorene	10.45	166	1481048	40.018	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	408384	41.133	nq	100
60) Diethylphthalate	10.31	149	1620112	40.336	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	732562	40.301	nq	96
62) 4-Nitroaniline	10.46	138	123298	10.781	nq	99
63) Azobenzene	10.59	77	1568976	40.356	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	196120	40.925	nq	94
66) n-Nitrosodiphenylamine	10.55	169	1302532	43.033	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	468918	42.704	nq	97
68) Hexachlorobenzene	11.00	284	516571	42.525	nq	93
69) Atrazine	11.08	200	374593	39.769	nq	98
70) Pentachlorophenol	11.19	266	485405	84.295	nq	99
71) Phenanthrene	11.40	178	2053685	42.327	nq	100
72) Anthracene	11.46	178	2056635	42.201	nq	99
73) Carbazole	11.61	167	1779603	38.294	nq	99
74) Di-n-butylphthalate	11.93	149	2360504	44.089	nq	98
75) Fluoranthene	12.59	202	2014883	38.563	nq	98
77) Benzidine	12.68	184	44934m	1.758	nq	
78) Pyrene	12.82	202	2056703	44.897	nq	99
80) Butylbenzylphthalate	13.43	149	826630	42.871	nq	94
81) Benzo(a)anthracene	14.02	228	1587848	43.111	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	7808	0.546	nq	# 47
83) Chrysene	14.06	228	1361589	37.711	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1264881	50.158	nq	100
85) Di-n-octyl phthalate	14.63	149	2070863	50.658	nq	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1456815	45.655	nq	98
88) Benzo(b)fluoranthene	15.09	252	1730857	43.242	nq	98
89) Benzo(k)fluoranthene	15.12	252	1437987	39.108	nq	100
90) Benzo(a)pyrene	15.46	252	1546569	43.902	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	1214736	41.498	nq	98
92) Benzo(g,h,i)perylene	17.47	276	1187630	40.485	nq	99

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



#1

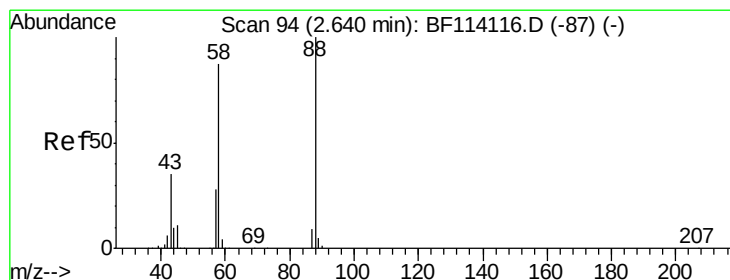
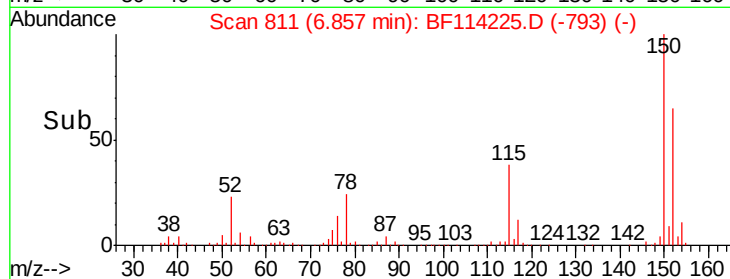
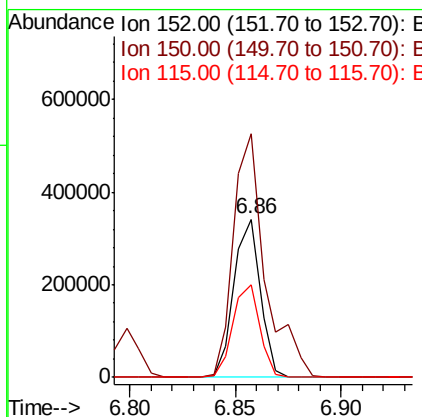
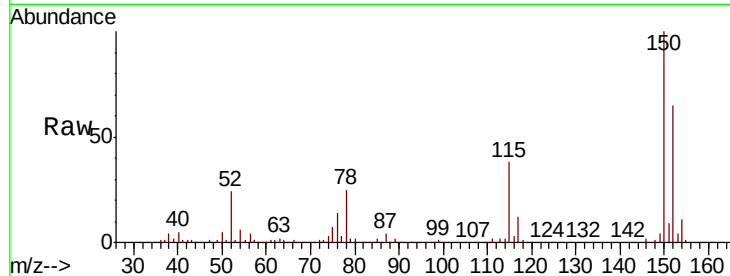
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.3	186.5
115	58.8	49.1	73.7

Manual Integrations
APPROVED

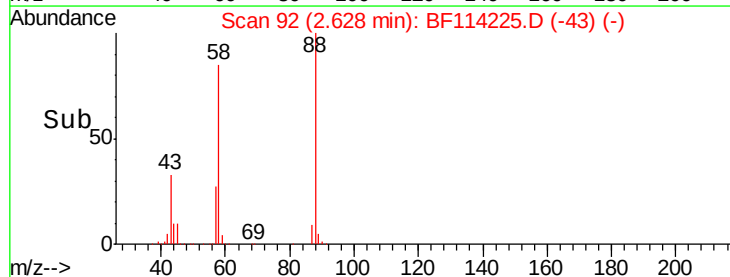
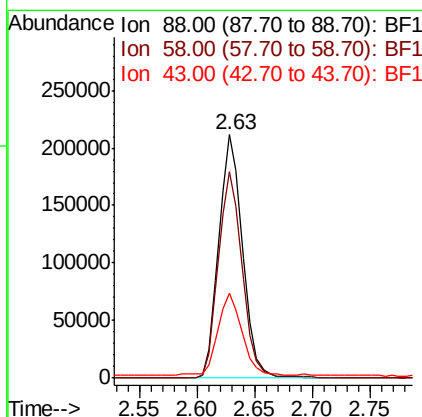
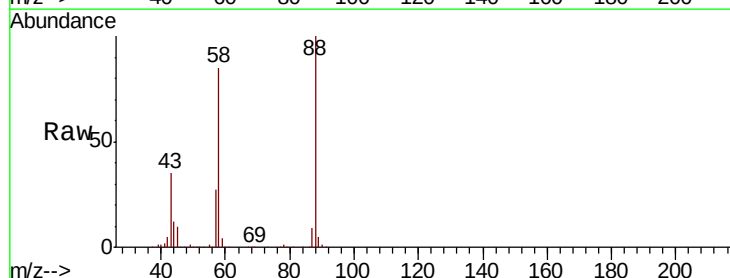
Sohil
5/14/2019 8:03:06 PM

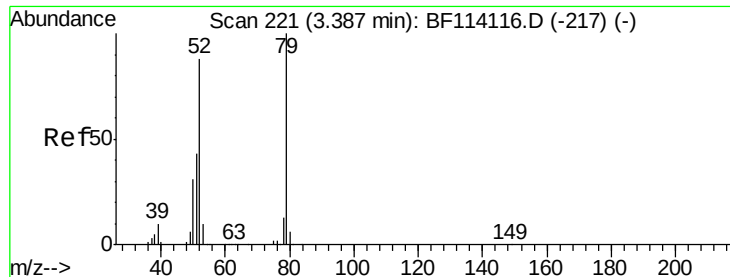


#2

1,4-Dioxane
Concen: 29.977 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	68.7	103.1
43	34.1	28.2	42.2





#3

Pvridine

Concen: 6.162 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

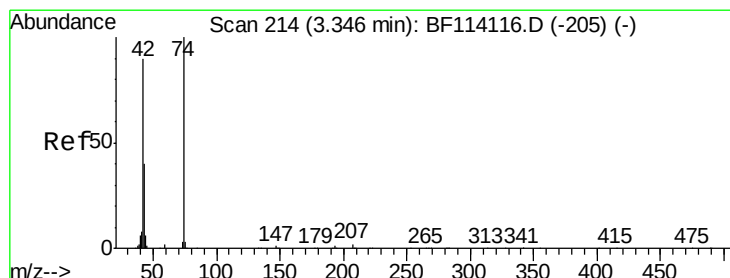
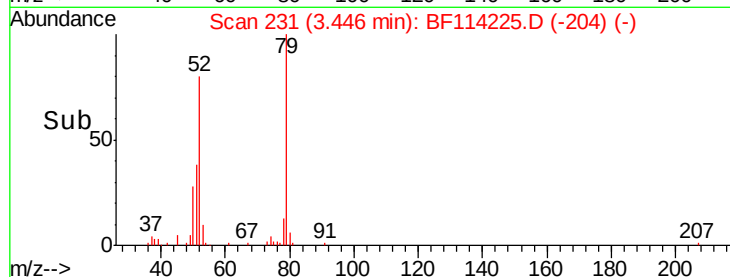
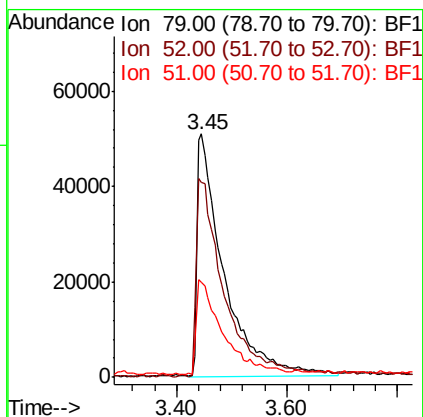
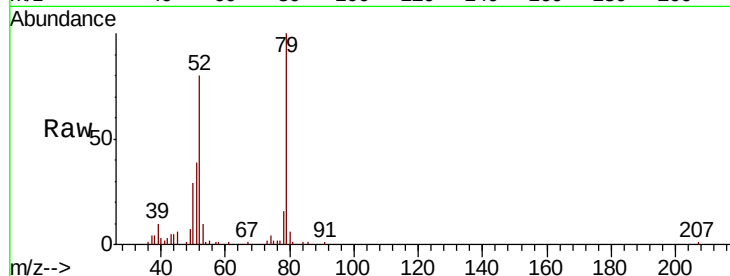
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	79	Resp:	170638
Ion Ratio	Lower	Upper	
79	100		
52	80.2	70.6	105.8
51	39.1	34.2	51.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM



#4

n-Nitrosodimethylamine

Concen: 34.302 ng

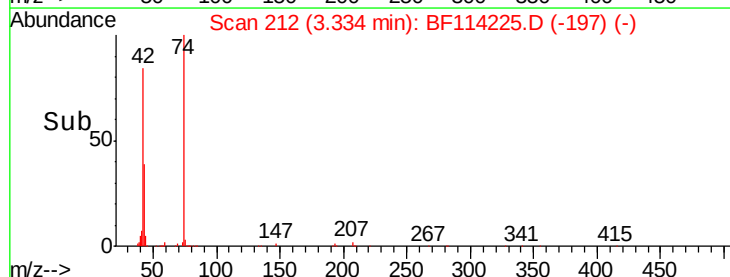
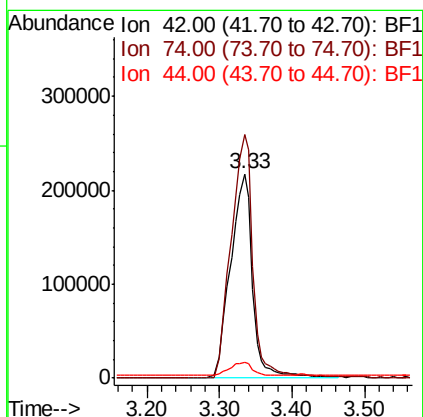
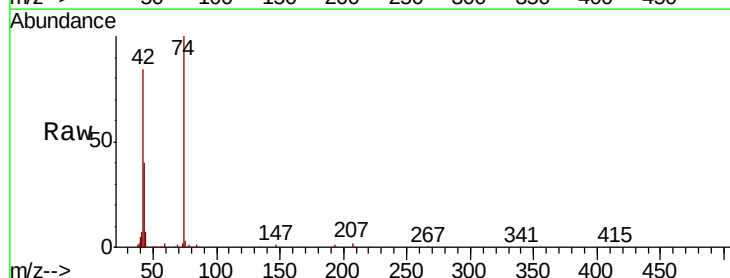
RT: 3.33 min Scan# 212

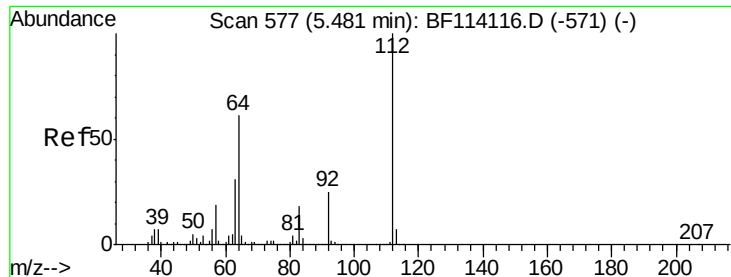
Delta R.T. -0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Tgt Ion:	42	Resp:	458038
Ion Ratio	Lower	Upper	
42	100		
74	119.3	88.6	132.8
44	8.0	5.5	8.3





#5

2-Fluorophenol

Concen: 106.455 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:112 Resp: 1946481

Ion Ratio Lower Upper

112 100

64 63.4 49.0 73.6

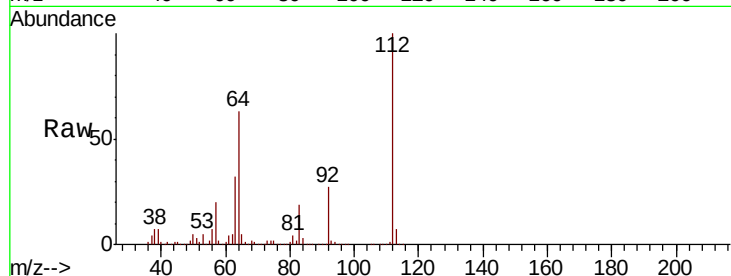
63 32.3 24.6 37.0

Manual Integrations

APPROVED

Sohil

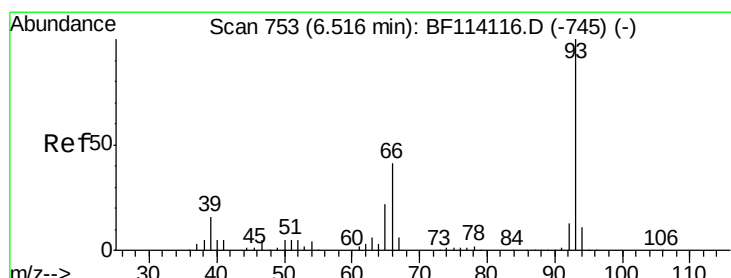
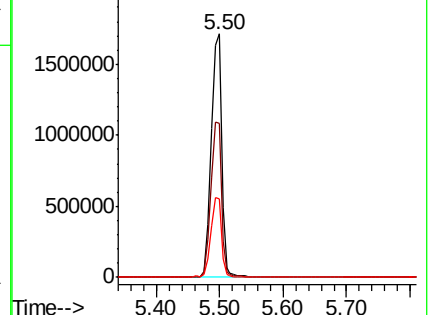
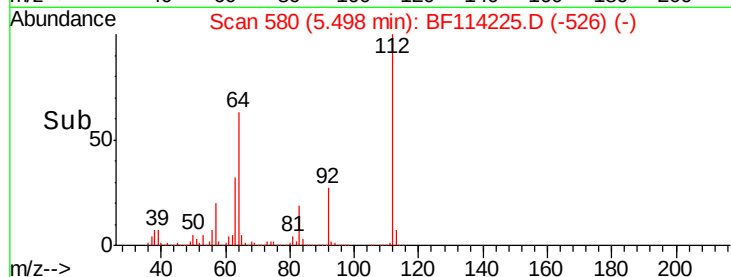
5/14/2019 8:03:06 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.706 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

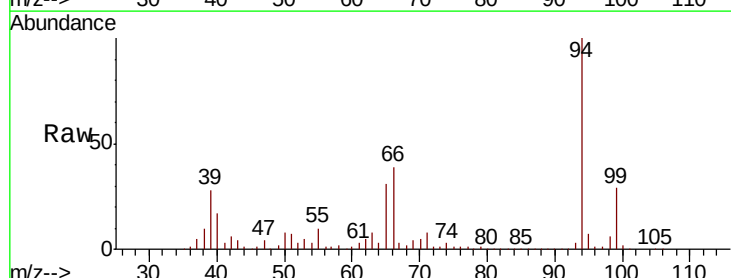
Tgt Ion: 93 Resp: 53279

Ion Ratio Lower Upper

93 100

66 1173.3 33.2 49.8#

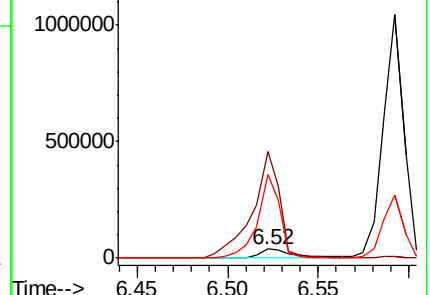
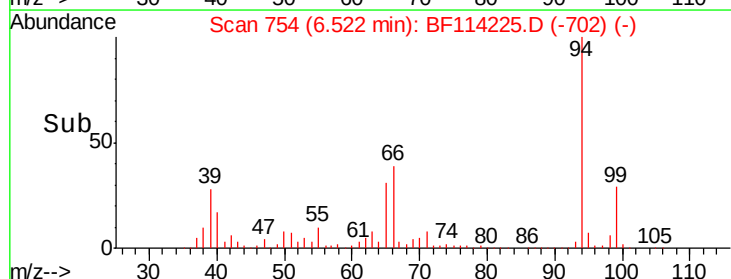
65 921.1 17.6 26.4#

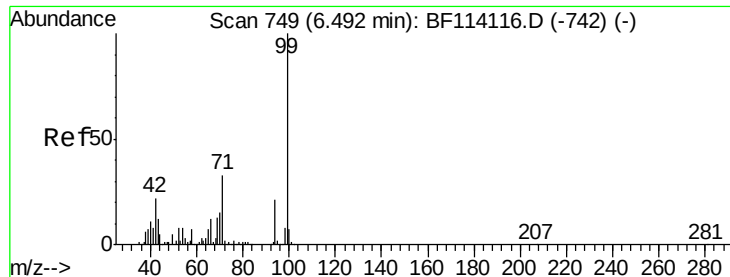


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.248 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion: 99 Resp: 2578825

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

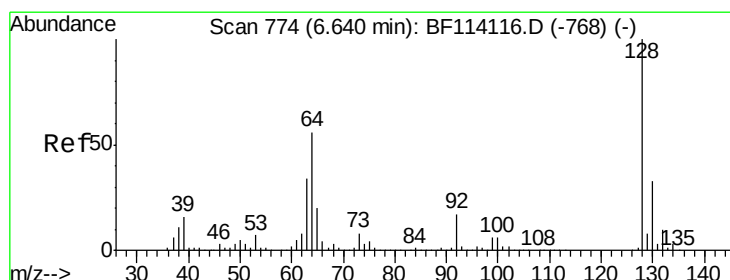
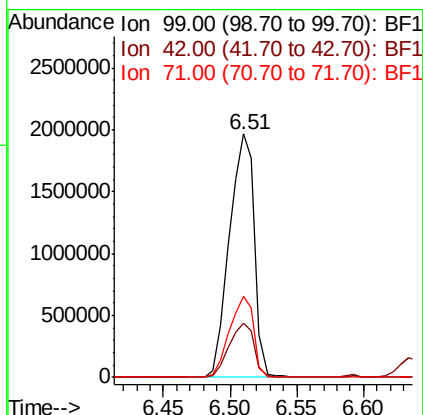
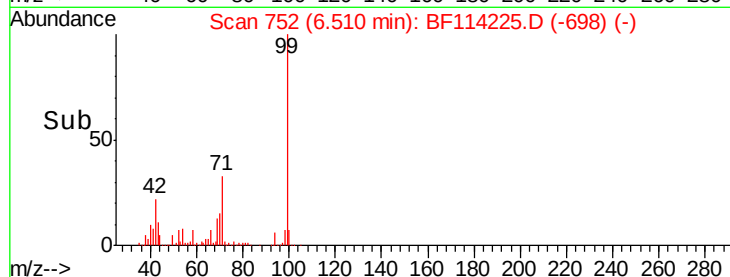
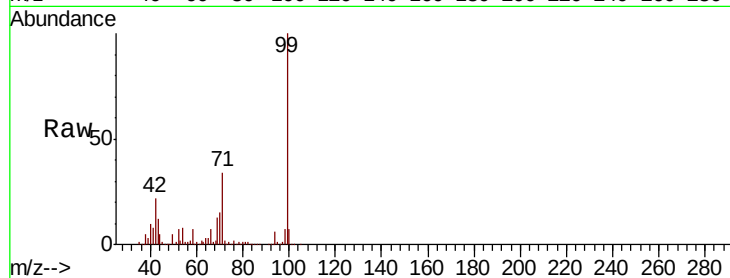
71 33.5 26.2 39.2

Manual Integrations

APPROVED

Sohil

5/14/2019 8:03:06 PM



#8

2-Chlorophenol

Concen: 41.272 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

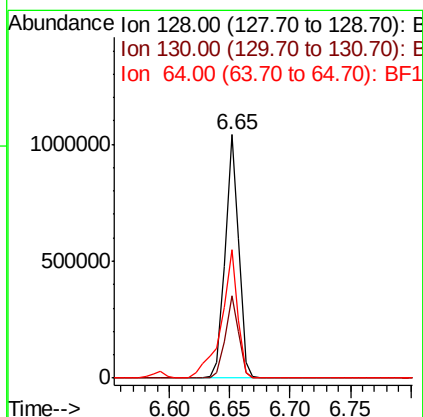
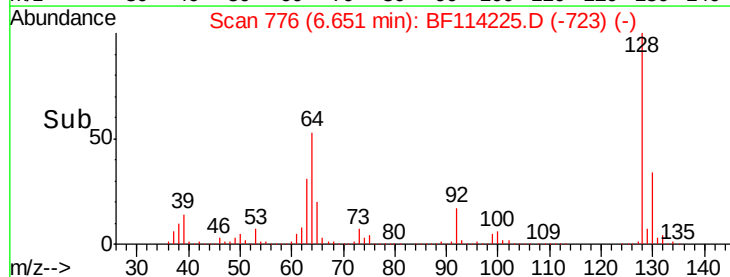
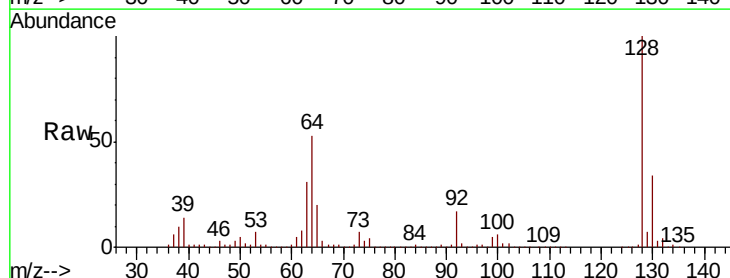
Tgt Ion: 128 Resp: 805618

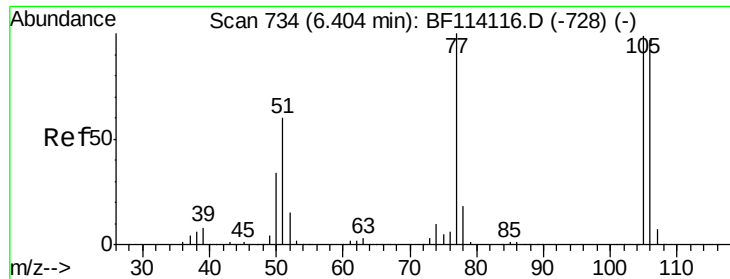
Ion Ratio Lower Upper

128 100

130 33.6 12.6 52.6

64 52.5 35.9 75.9





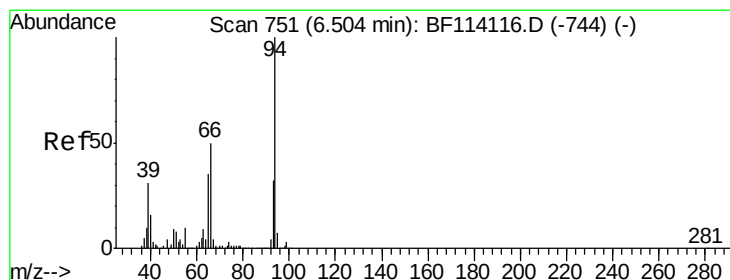
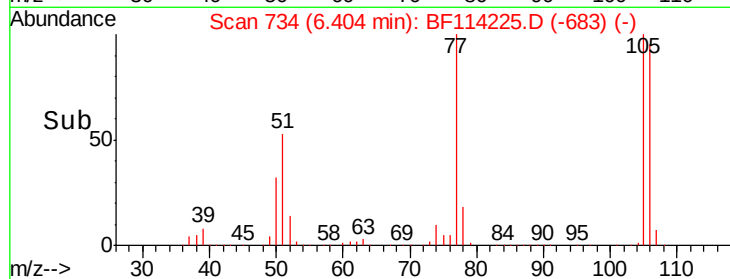
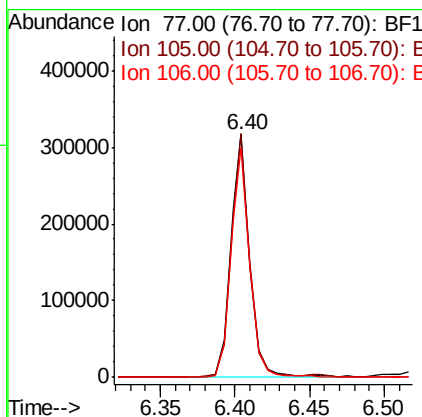
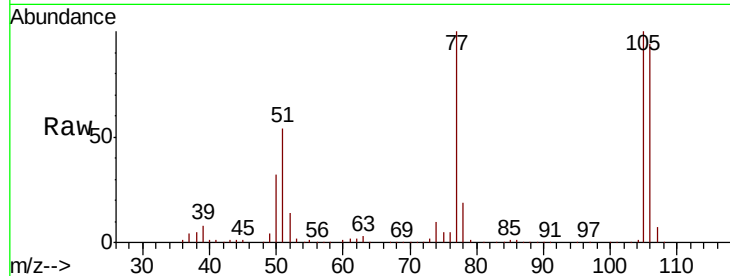
#9
Benzaldehyde
Concen: 18.308 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.8	79.3	119.3		
106	94.5	77.0	117.0		

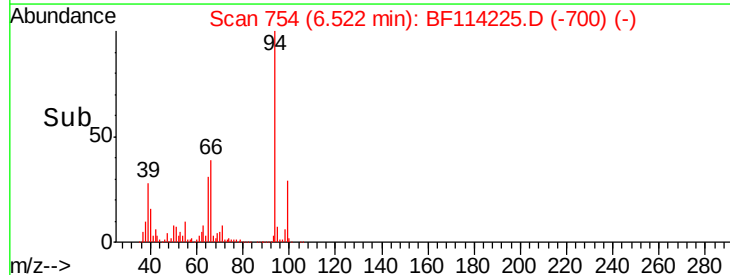
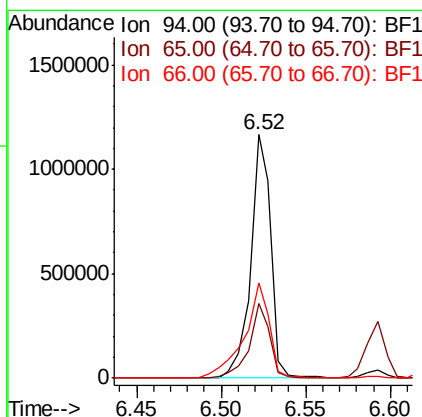
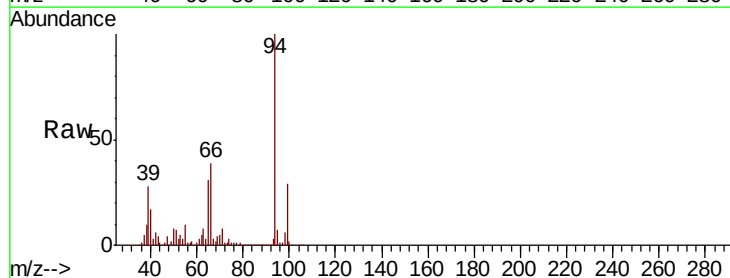
Manual Integrations
APPROVED

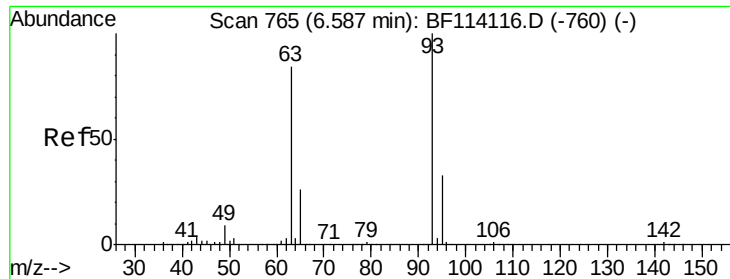
Sohil
5/14/2019 8:03:06 PM



#10
Phenol
Concen: 38.384 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.02 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.7	14.7	54.7		
66	39.1	29.6	69.6		





#11

bis(2-Chloroethyl)ether

Concen: 42.419 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

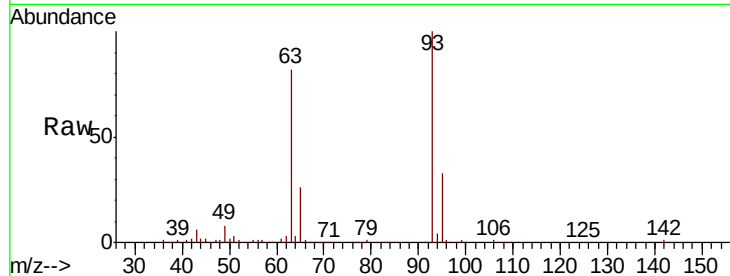
ClientSampleId :

P026-SS008-0206-01MSD

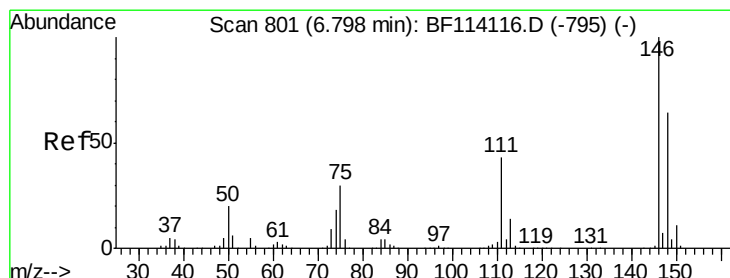
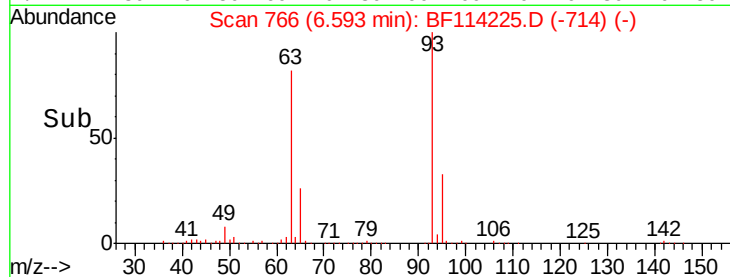
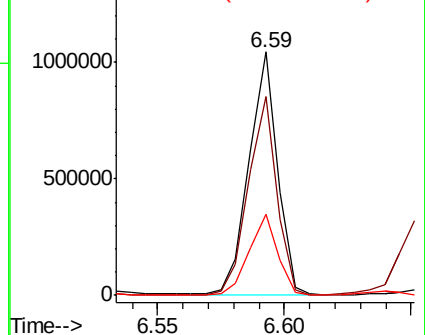
Tot Ion:	93	Resp:	819255
Ion Ratio	Lower	Upper	
93	100		
63	81.8	63.6	103.6
95	33.2	13.1	53.1

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.803 ng

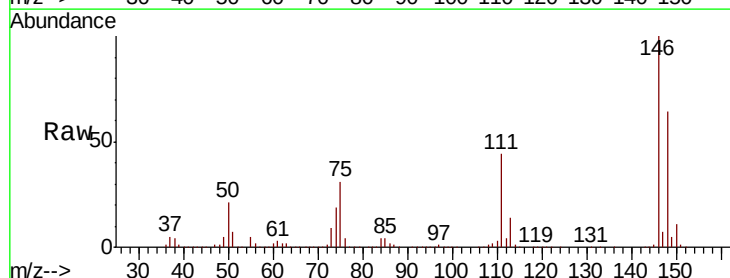
RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

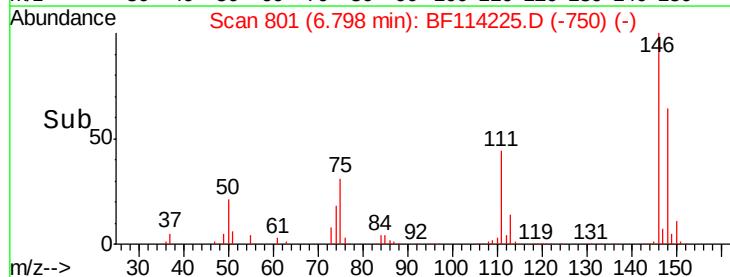
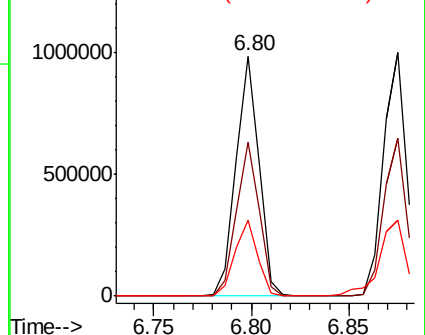
Lab File: BF114225.D

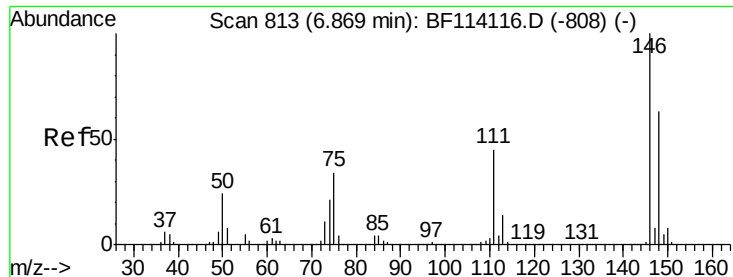
Acq: 13 May 2019 13:39

Tgt Ion:	146	Resp:	806382
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.6	77.4
75	31.4	24.2	36.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





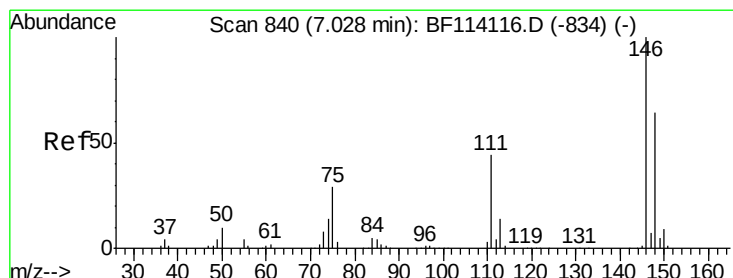
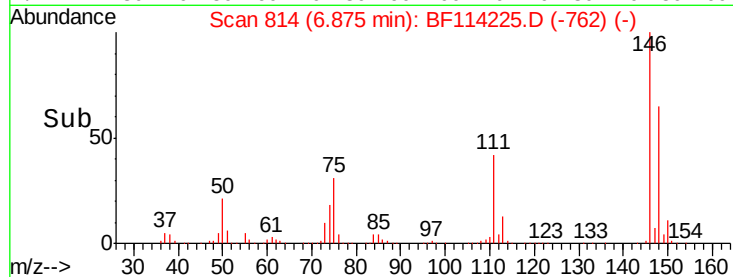
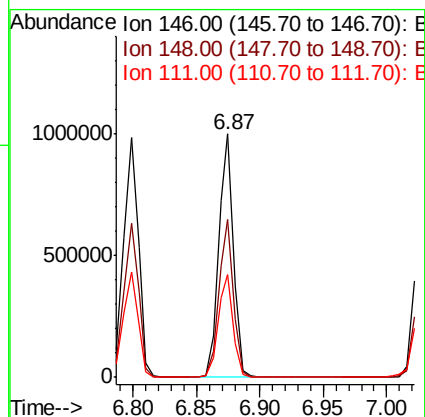
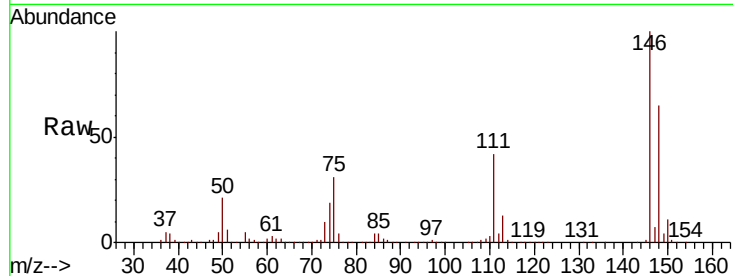
#13
1,4-Dichlorobenzene
Concen: 37.250 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampled :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.2	75.2
111	42.0	35.8	53.6

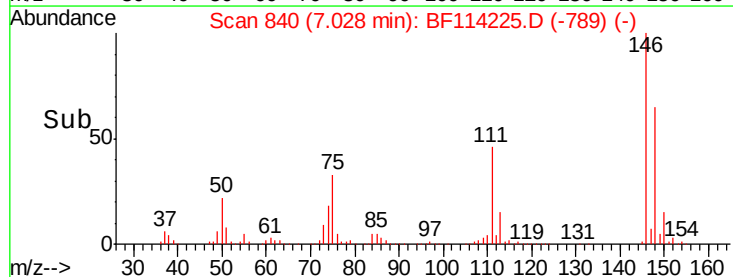
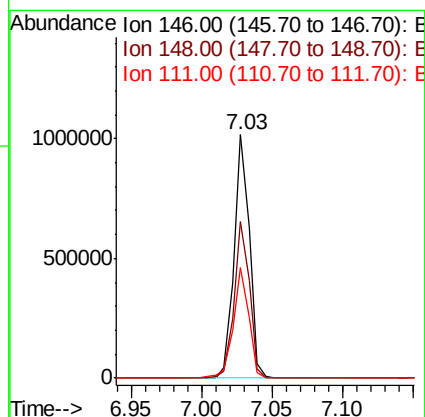
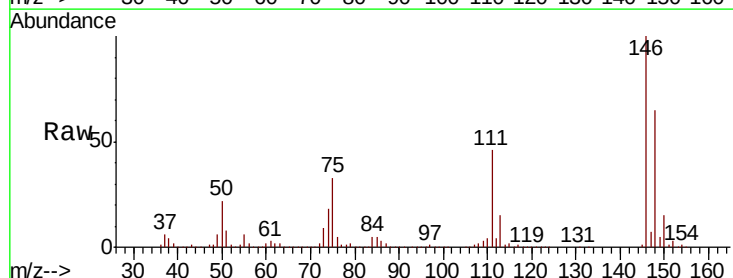
Manual Integrations
APPROVED

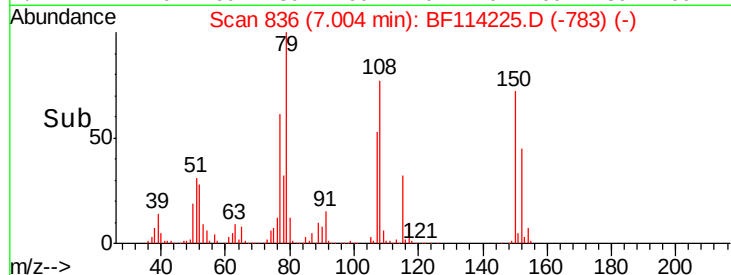
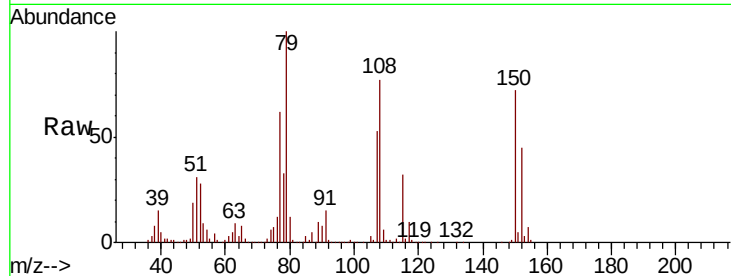
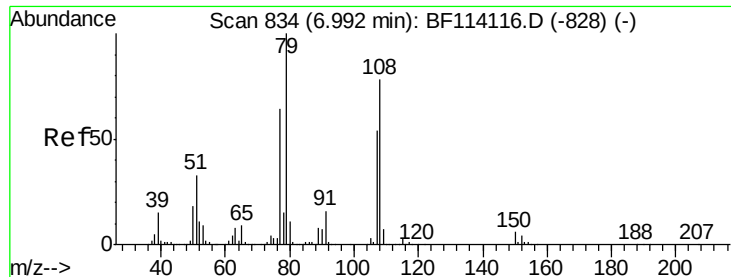
Sohil
5/14/2019 8:03:06 PM



#14
1,2-Dichlorobenzene
Concen: 37.851 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	45.5	35.3	52.9





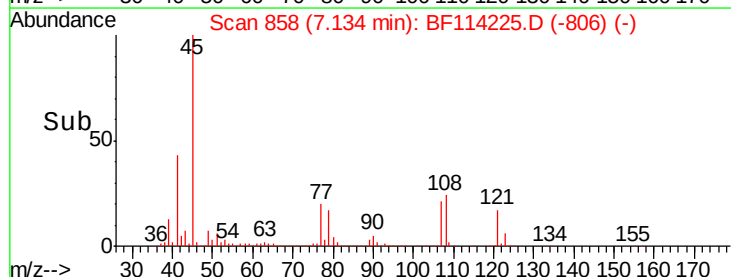
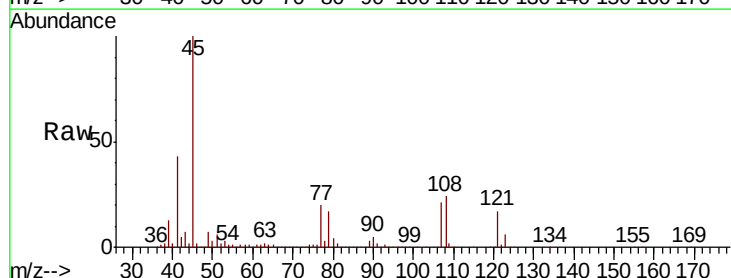
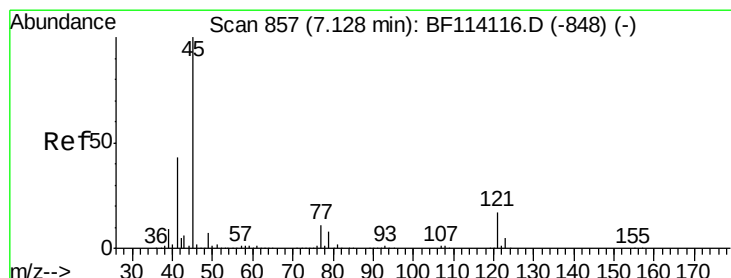
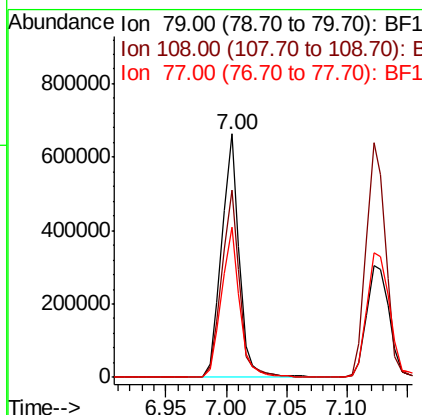
#15
Benzyl Alcohol
Concen: 39.610 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.1	93.1
77	61.5	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

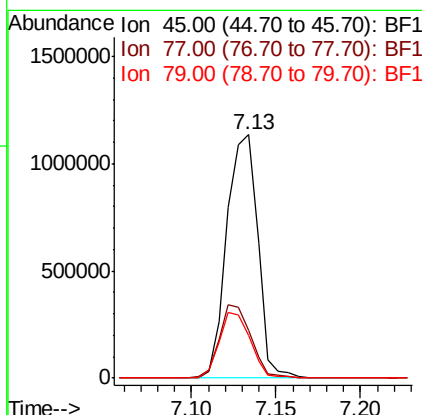
Manual Integrations
APPROVED

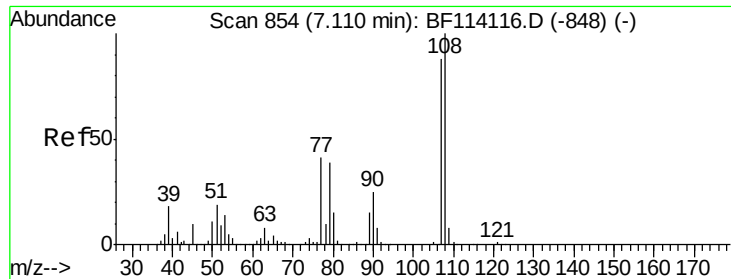
Sohil
5/14/2019 8:03:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.511 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.8	0.0	31.1
79	17.4	0.0	28.4





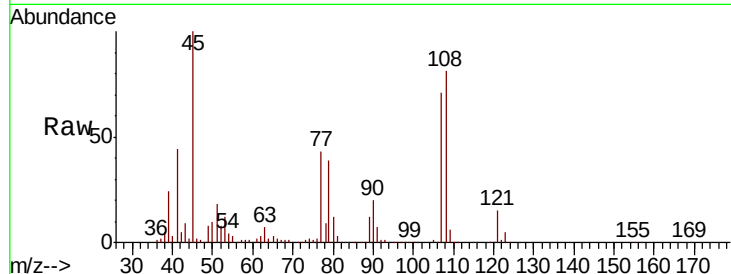
#17
2-Methylphenol
Concen: 39.759 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

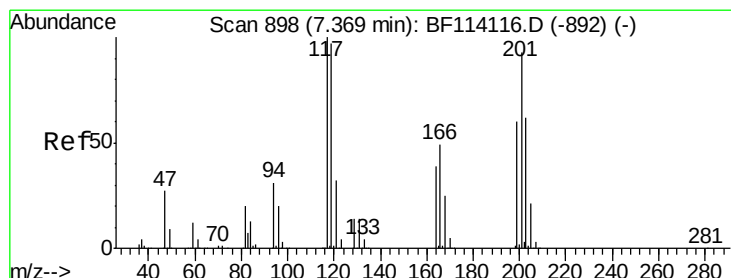
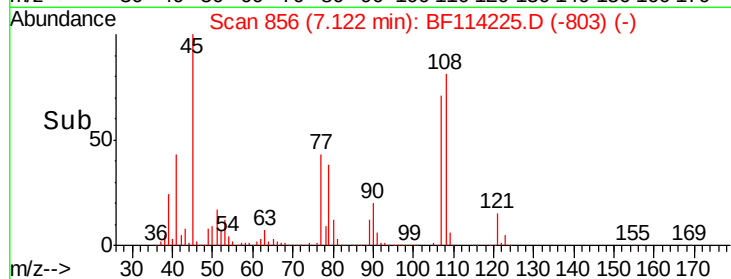
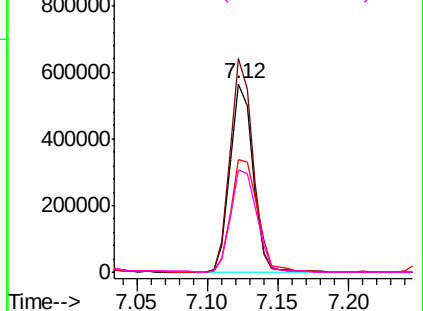
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	90.5	135.7	
77	60.1	37.0	55.4	
79	54.1	35.8	53.8	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM



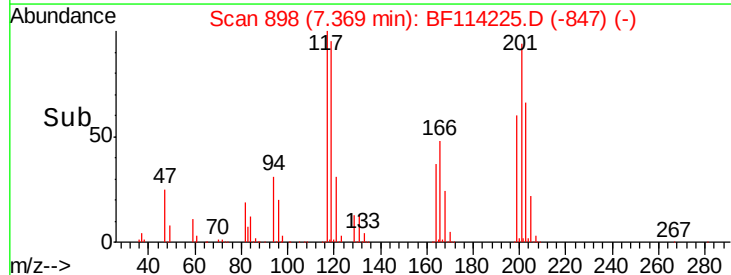
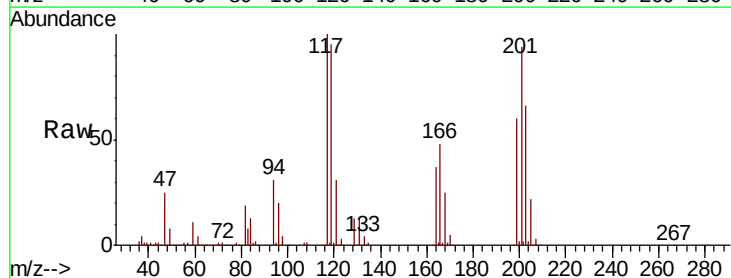
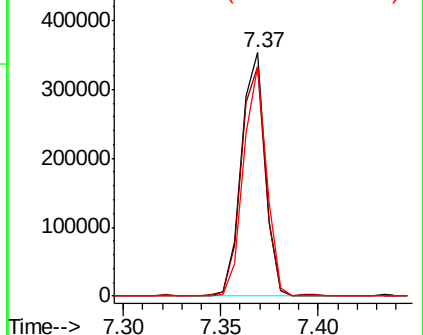
Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

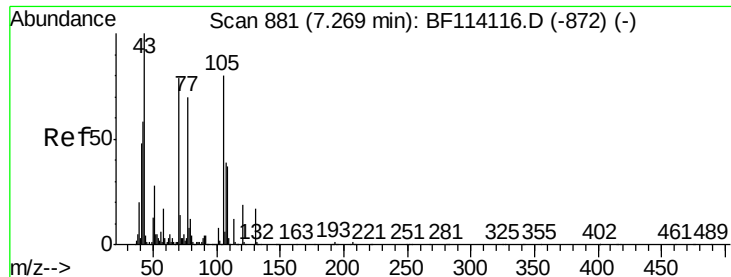


#18
Hexachloroethane
Concen: 36.023 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.4	116.2	
201	94.3	74.5	111.7	

Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0





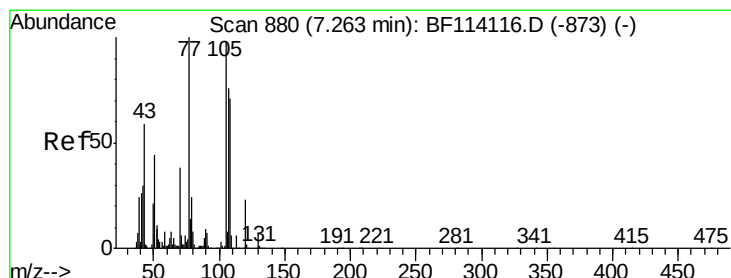
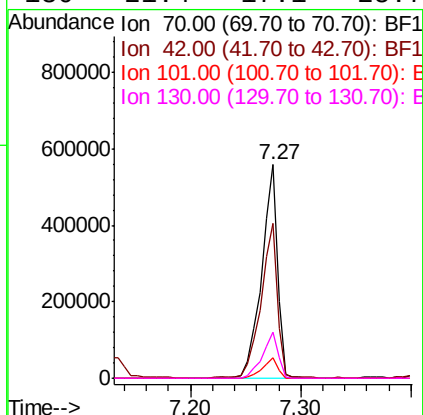
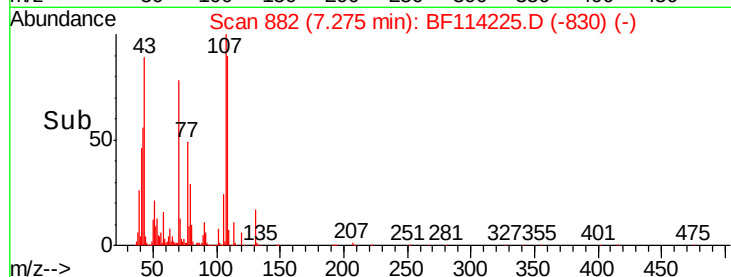
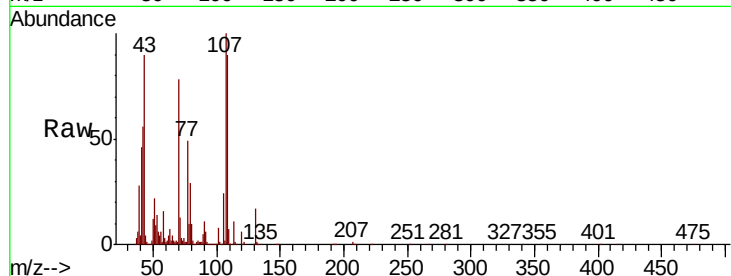
#19
n-Nitroso-di-n-propylamine
Concen: 41.490 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.3	58.6	87.8	
101	9.7	7.8	11.8	
130	21.4	17.1	25.7	

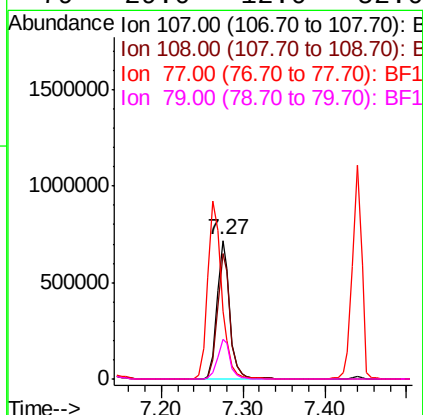
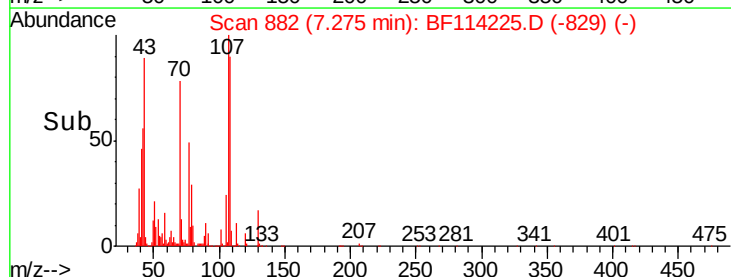
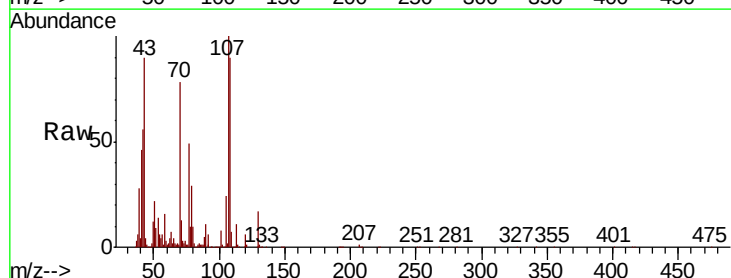
Manual Integrations
APPROVED

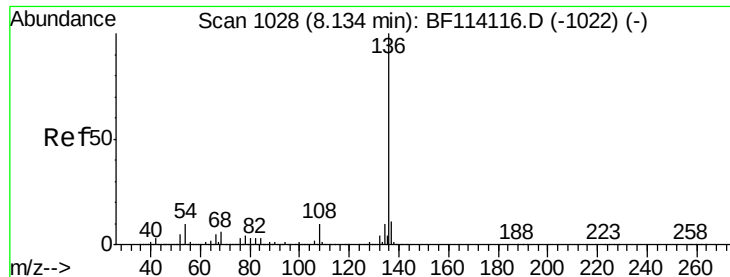
Sohil
5/14/2019 8:03:06 PM



#20
3+4-Methylphenols
Concen: 41.789 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	73.8	113.8	
77	48.9	111.5	151.5	
79	29.0	12.0	52.0	





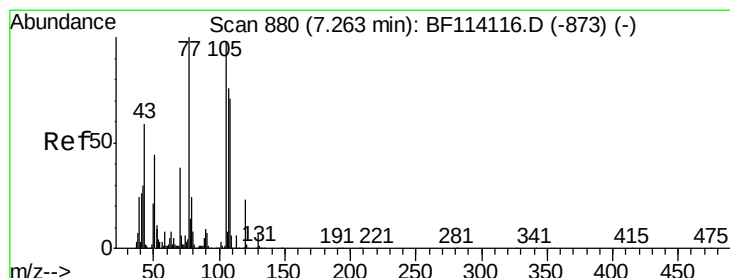
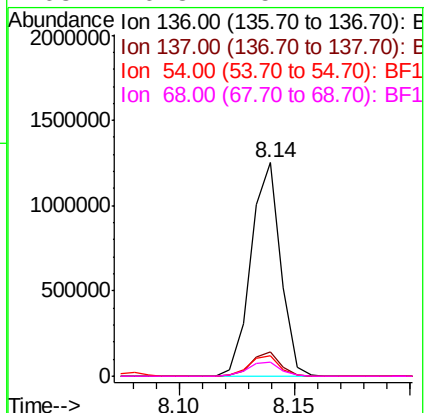
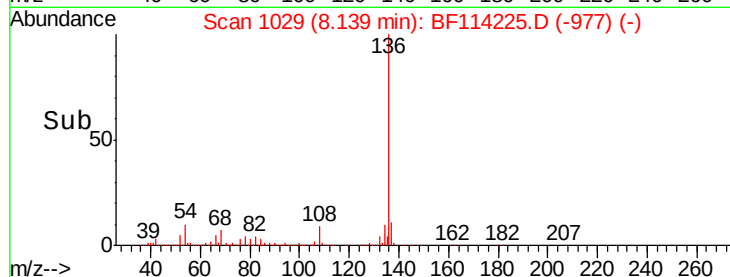
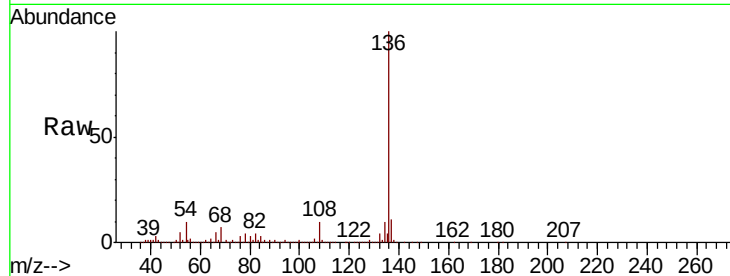
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.6	7.8	11.8
68	6.8	5.1	7.7

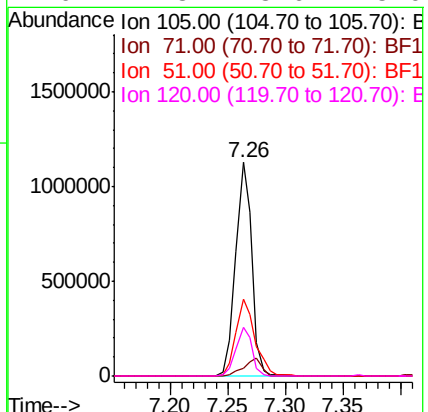
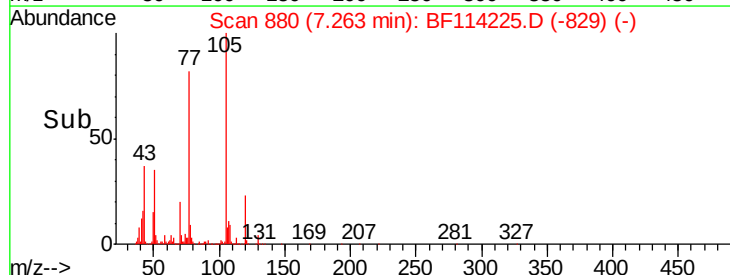
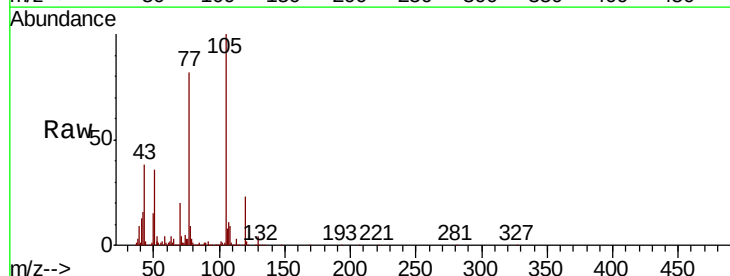
Manual Integrations
APPROVED

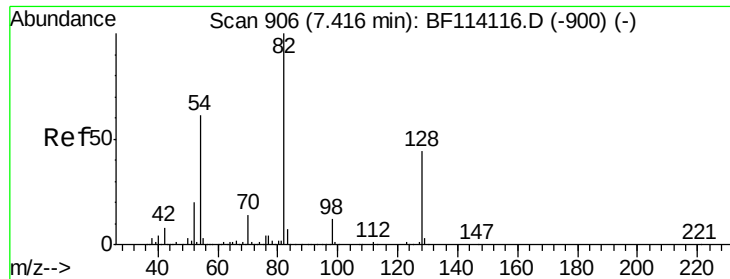
Sohil
5/14/2019 8:03:06 PM



#22
Acetophenone
Concen: 43.874 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.6	5.3	7.9#
51	35.7	36.2	54.4#
120	22.8	18.6	28.0





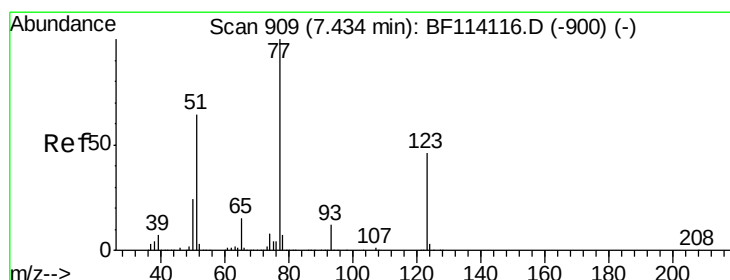
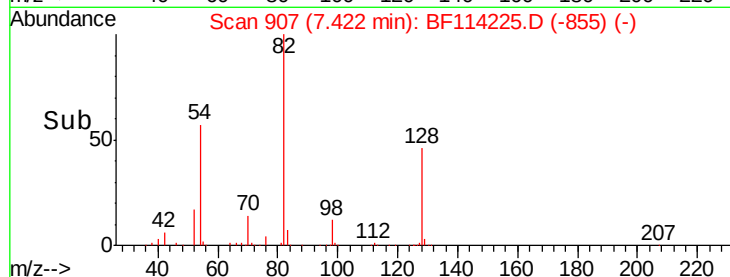
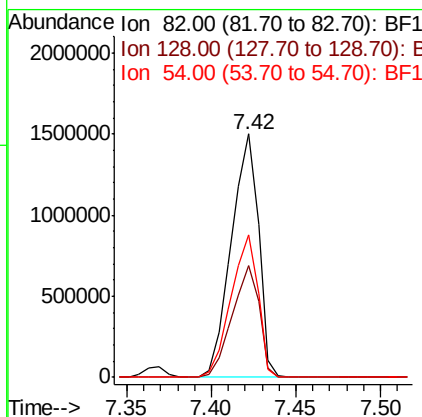
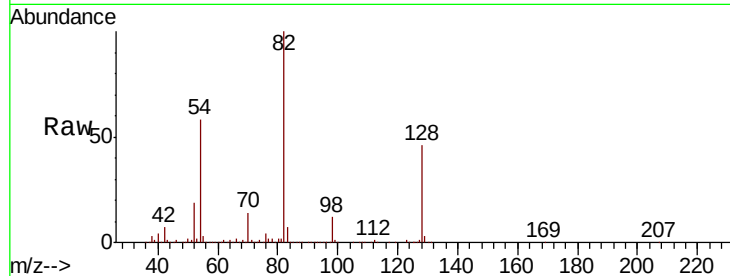
#23
Nitrobenzene-d5
Concen: 84.227 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	82	Resp	1684948
Ion Ratio	100	Lower	Upper
82	100		
128	45.8	35.5	53.3
54	58.4	48.5	72.7

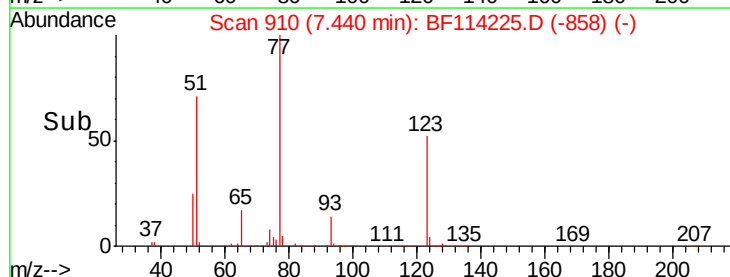
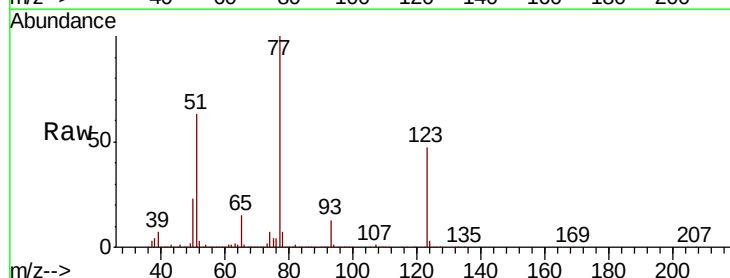
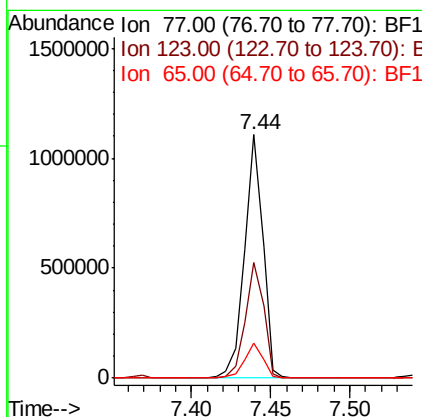
Manual Integrations
APPROVED

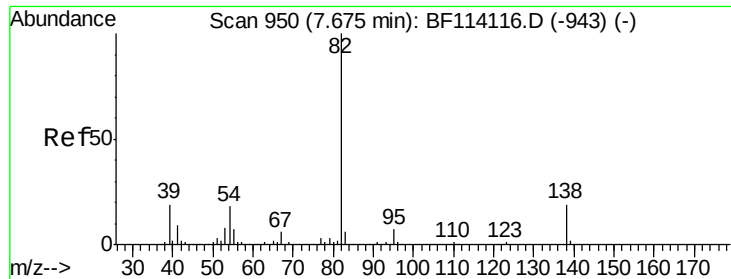
Sohil
5/14/2019 8:03:06 PM



#24
Nitrobenzene
Concen: 43.259 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	77	Resp	881396
Ion Ratio	100	Lower	Upper
77	100		
123	47.5	36.9	55.3
65	14.6	11.8	17.6





#25

Isophorone

Concen: 42.801 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

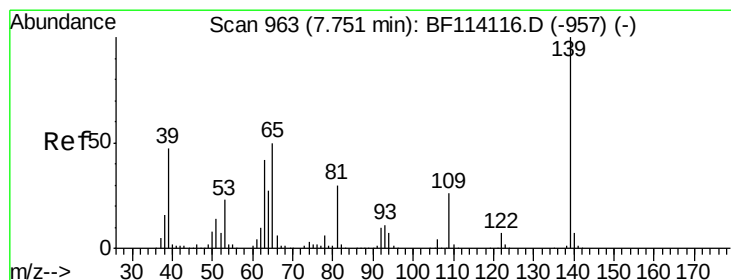
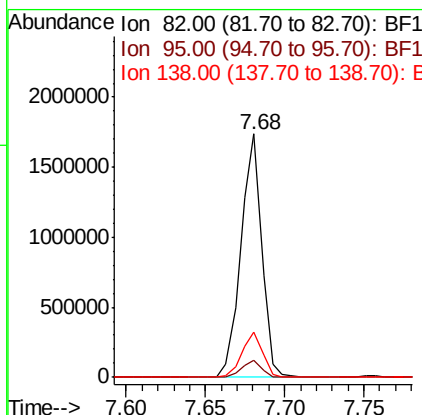
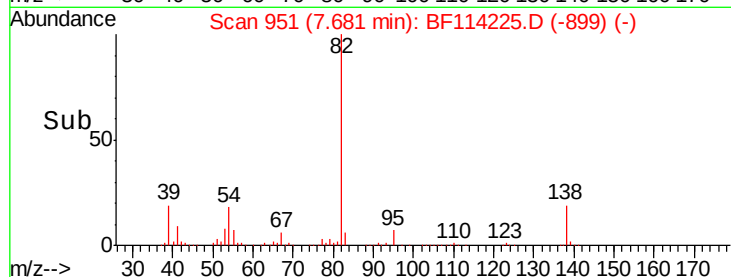
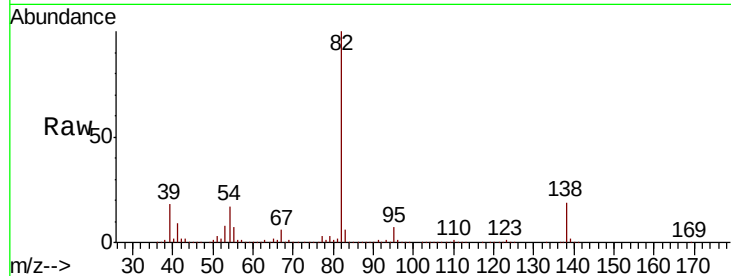
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	82	Resp:	1587951
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.5	14.8	22.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM



#26

2-Nitrophenol

Concen: 46.020 ng

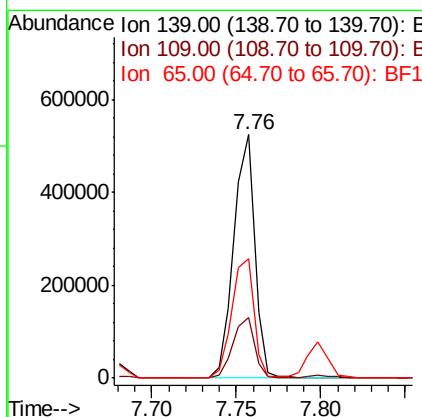
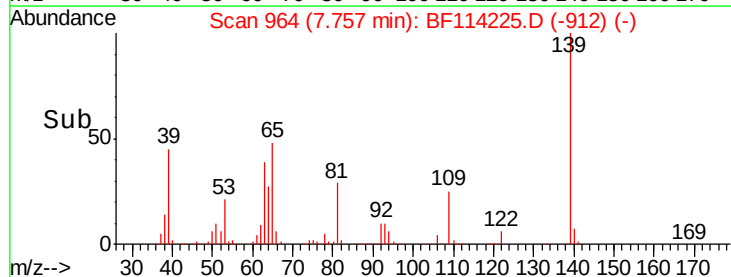
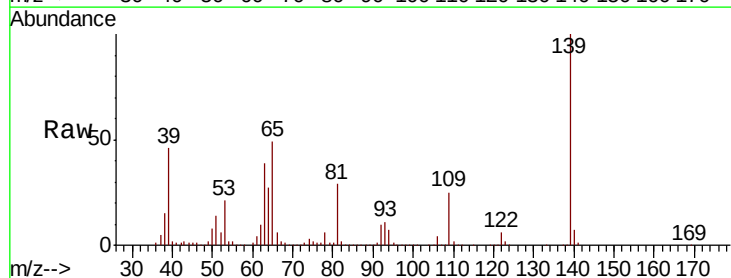
RT: 7.76 min Scan# 964

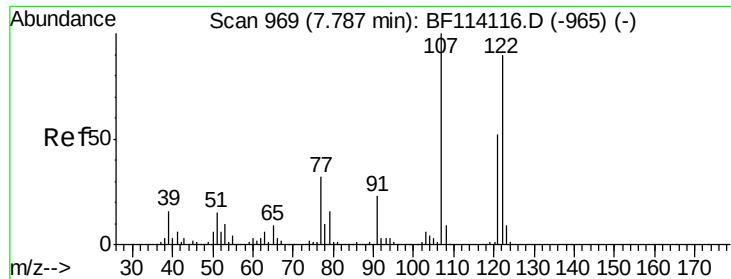
Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Tgt Ion:	139	Resp:	454917
Ion	Ratio	Lower	Upper
139	100		
109	24.9	20.7	31.1
65	48.9	40.2	60.2





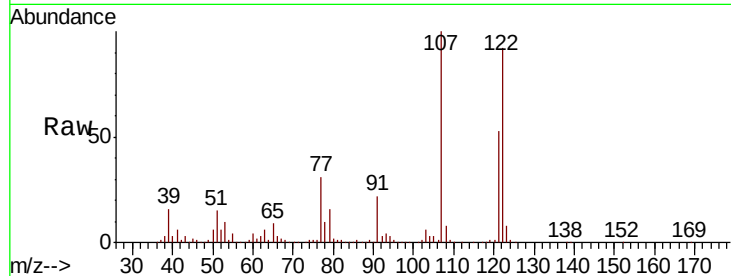
#27
 2,4-Dimethylphenol
 Concen: 43.298 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

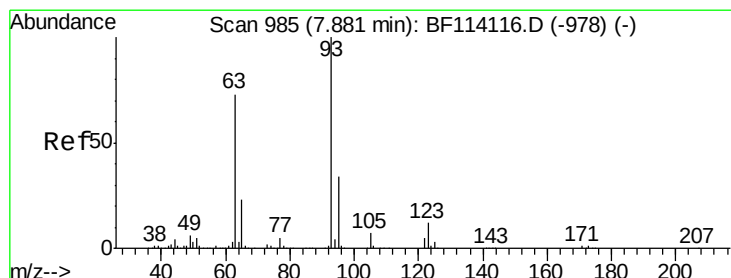
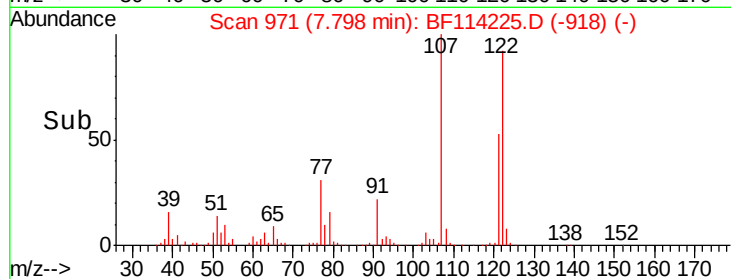
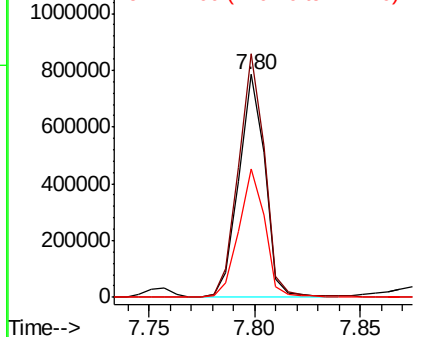
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	88.4	132.6
121	57.6	45.9	68.9

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:06 PM

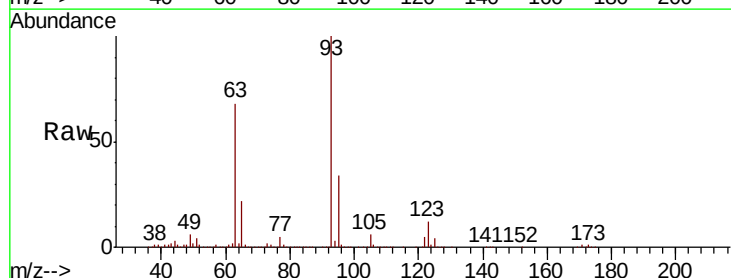


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

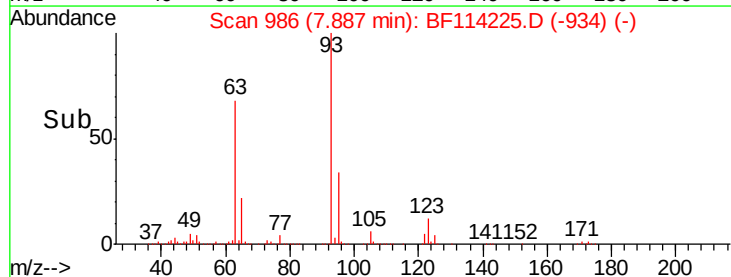
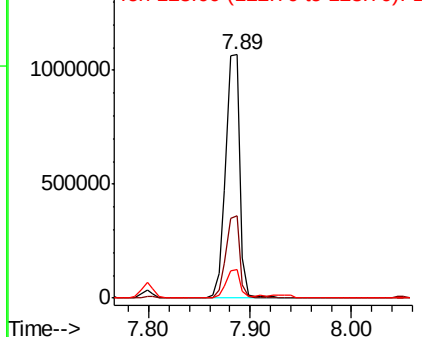


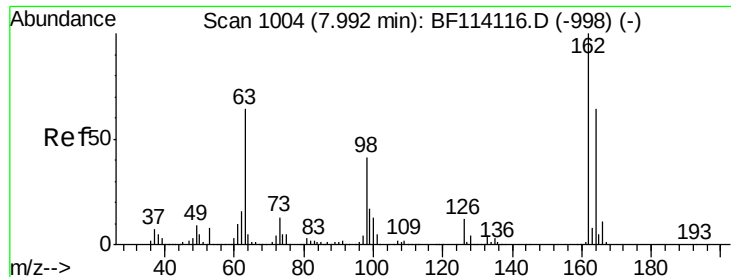
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.300 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.8	40.2
123	11.9	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





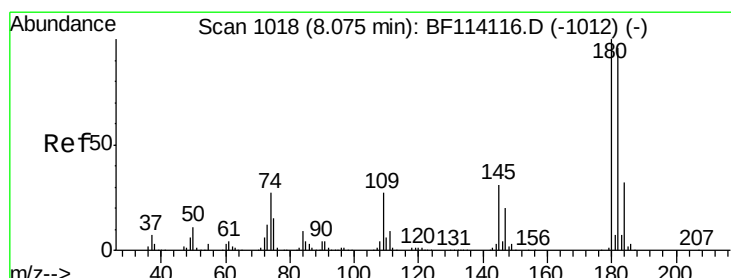
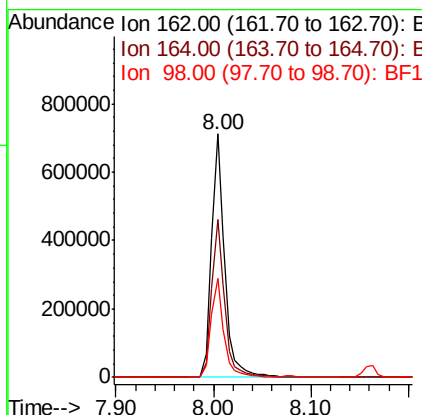
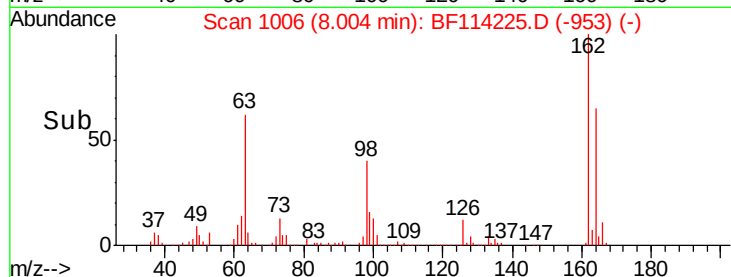
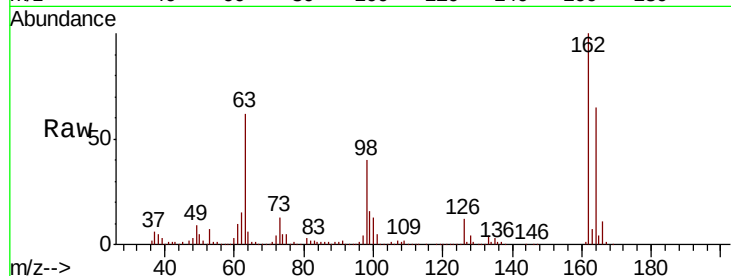
#29
2,4-Dichlorophenol
Concen: 42.777 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	661330		
164	65.0	43.6	83.6	
98	40.4	20.6	60.6	

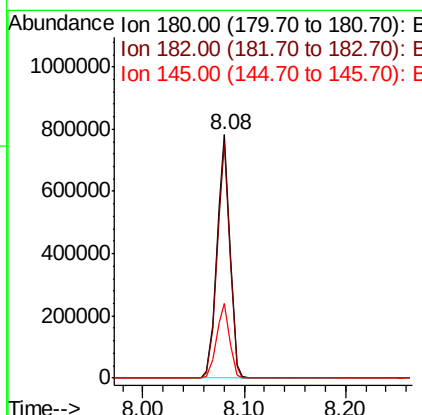
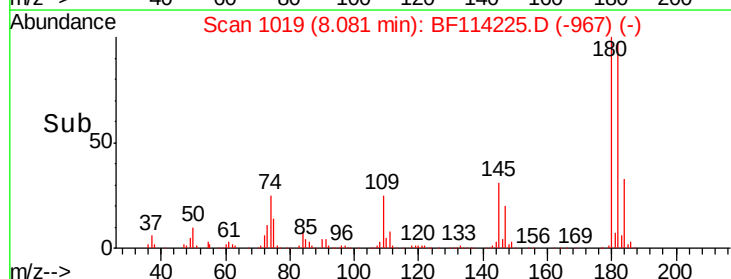
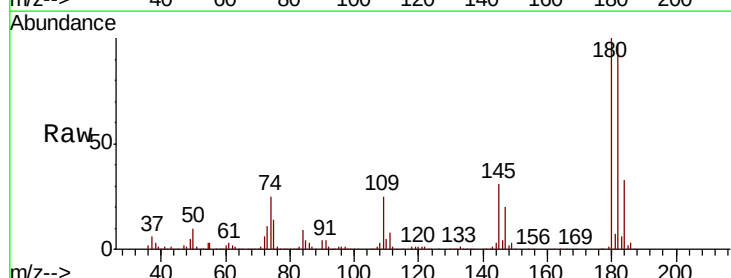
Manual Integrations
APPROVED

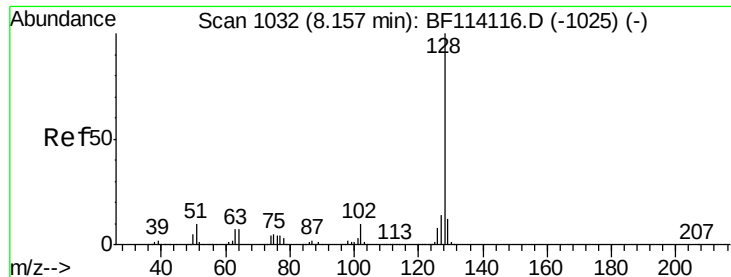
Sohil
5/14/2019 8:03:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.461 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	693718		
182	96.8	76.6	114.8	
145	30.8	25.1	37.7	





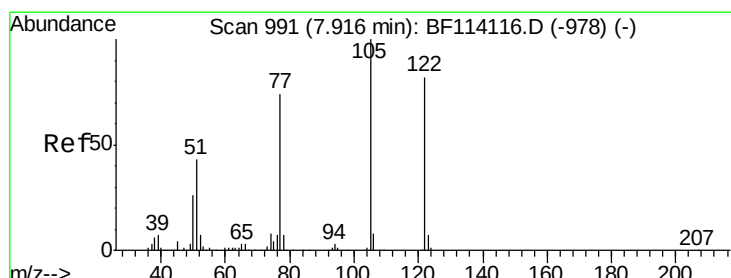
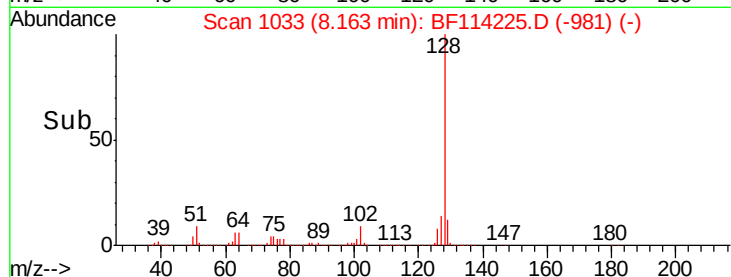
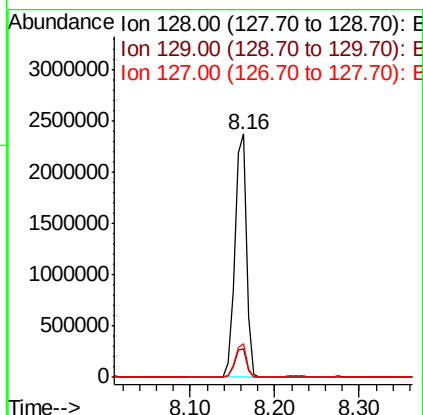
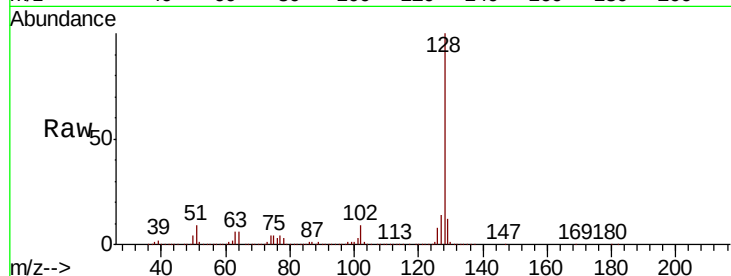
#31
Naphthalene
Concen: 41.958 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion:128 Resp: 2200372
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.7 11.3 16.9

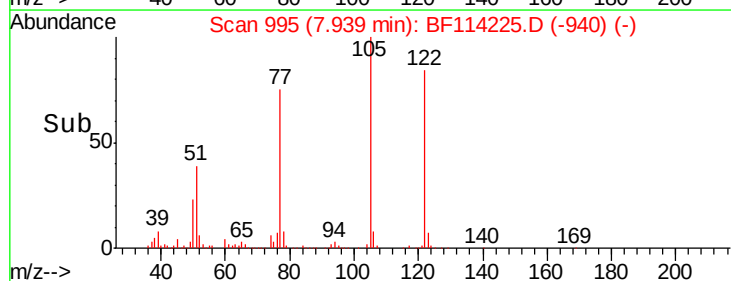
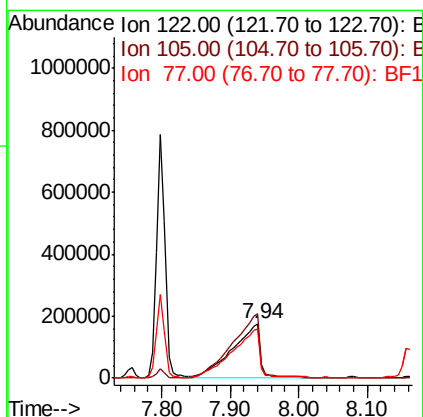
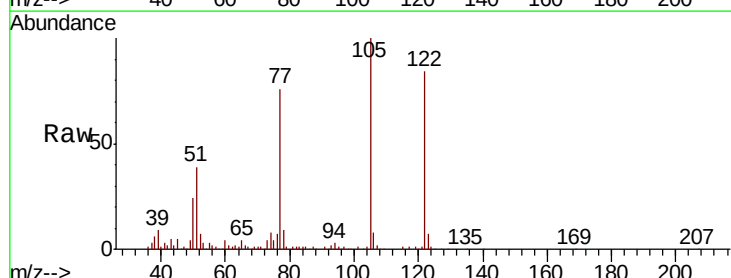
Manual Integrations
APPROVED

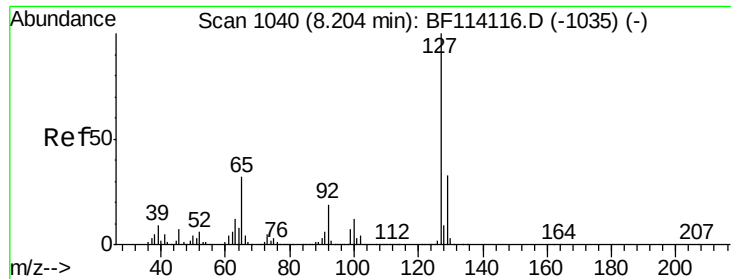
Sohil
5/14/2019 8:03:06 PM



#32
Benzoic acid
Concen: 44.889 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion:122 Resp: 491031
Ion Ratio Lower Upper
122 100
105 118.7 99.9 139.9
77 89.7 69.4 109.4





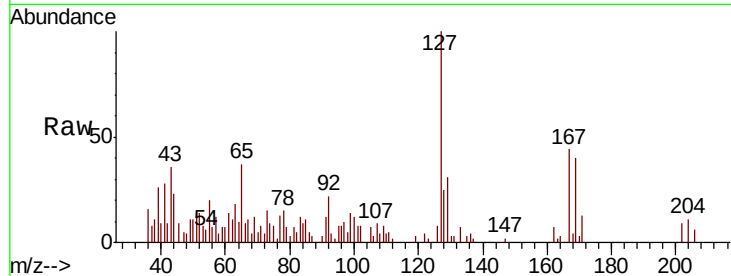
#33
4-Chloroaniline
Concen: 1.787 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42711		
129	30.6	26.7	40.1		
65	36.8	25.4	38.0		
92	22.2	15.4	23.2		

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM



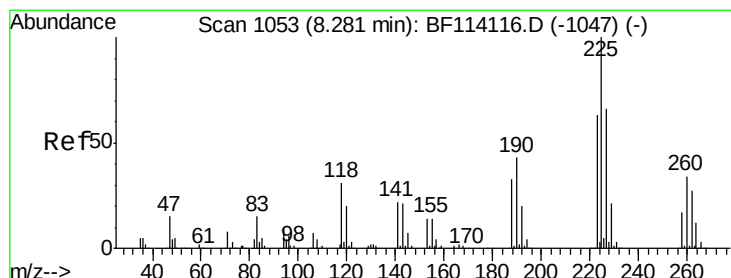
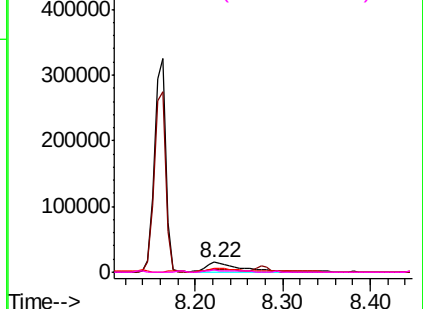
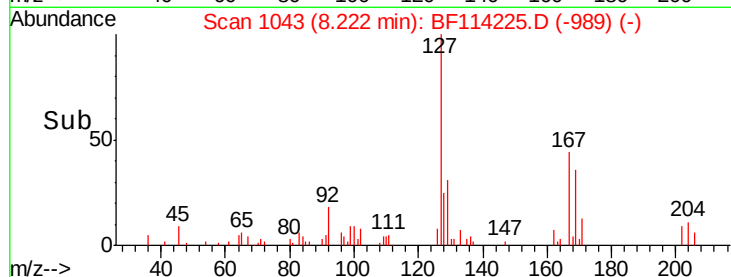
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

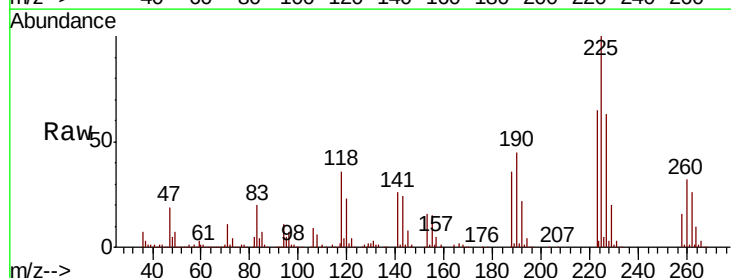
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.435 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		384449		
223	64.6	50.2	75.2		
227	63.4	52.6	79.0		

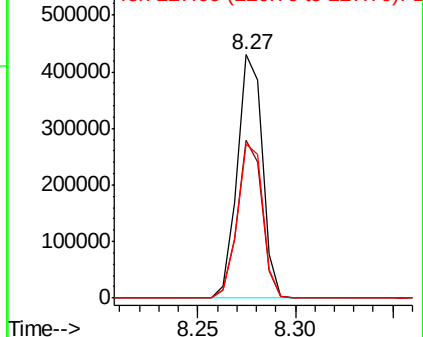
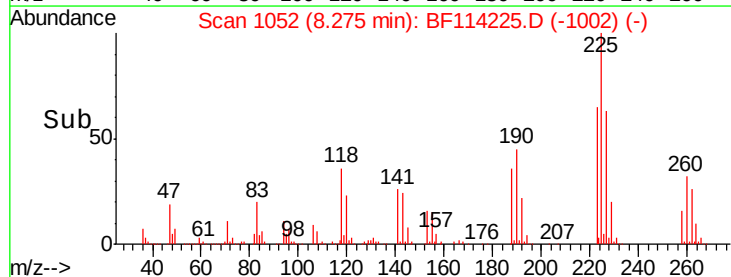


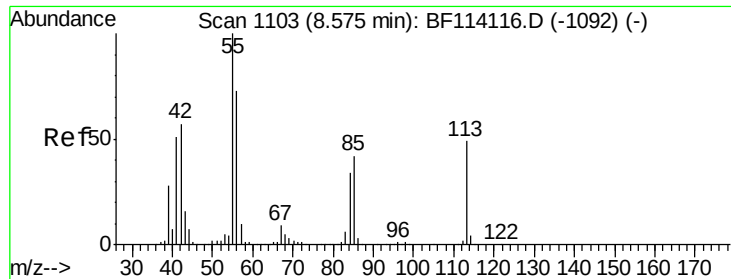
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.973 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. 0.02 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

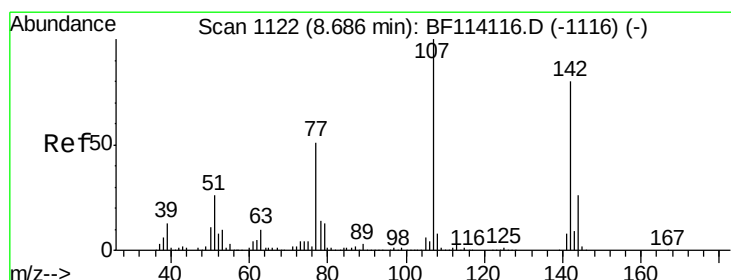
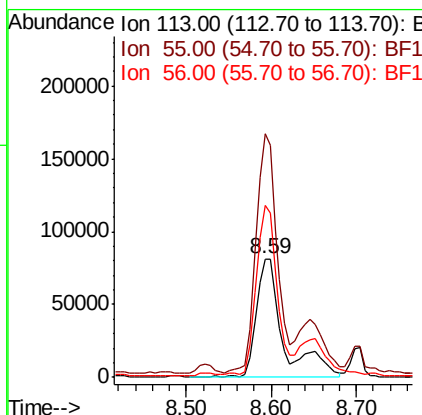
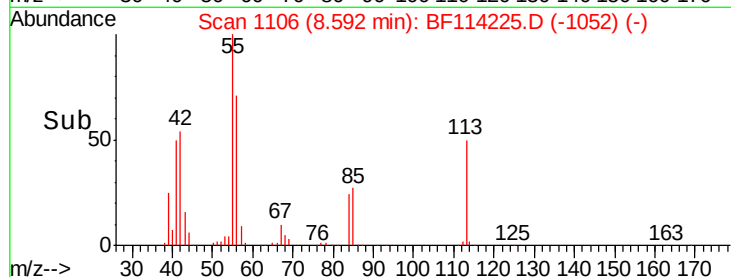
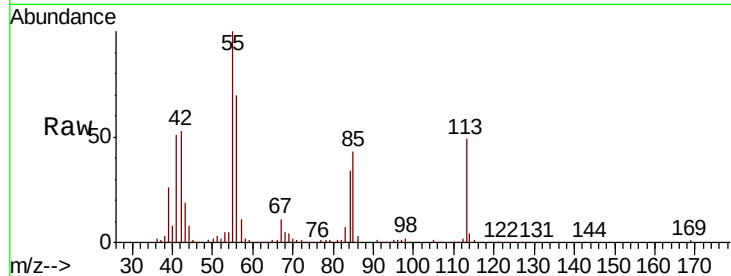
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	113	Resp:	181339
Ion Ratio	Lower	Upper	
113	100		
55	205.4	183.5	223.5
56	144.8	128.8	168.8

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM



#36

4-Chloro-3-methylphenol

Concen: 44.480 ng/ml

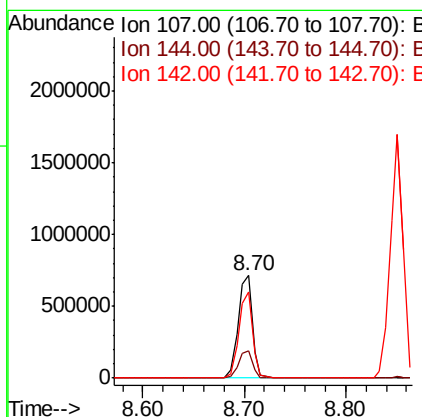
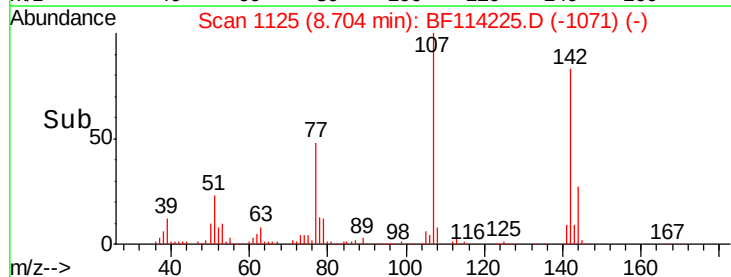
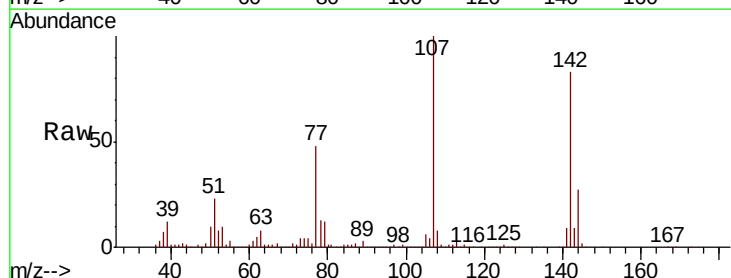
RT: 8.70 min Scan# 1125

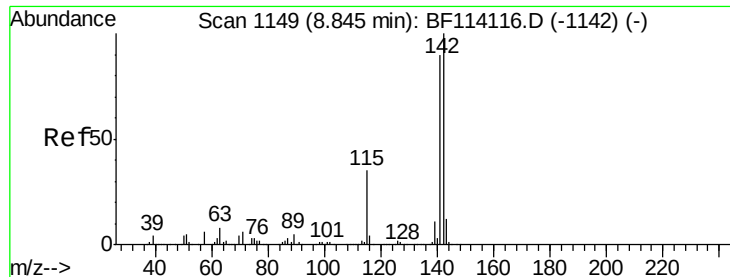
Delta R.T. 0.02 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Tgt Ion:	107	Resp:	692180
Ion Ratio	Lower	Upper	
107	100		
144	27.0	20.4	30.6
142	83.4	64.2	96.4





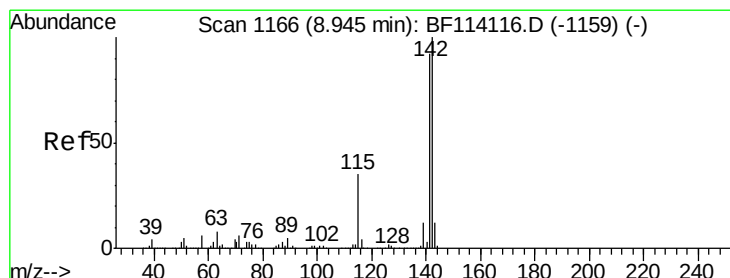
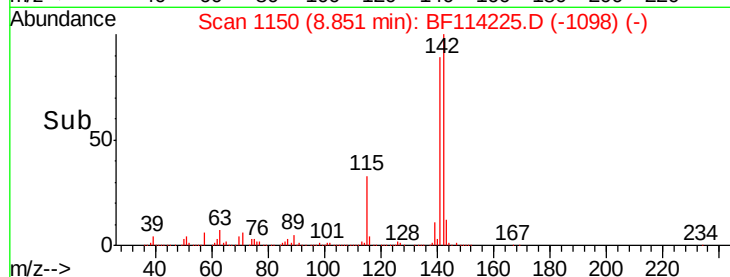
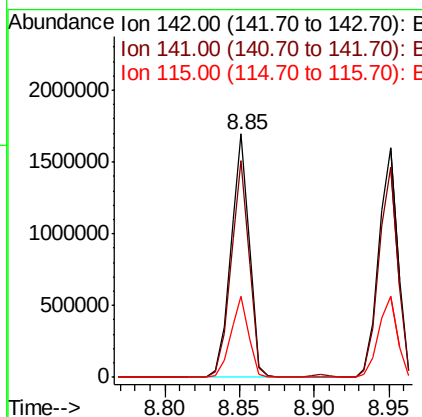
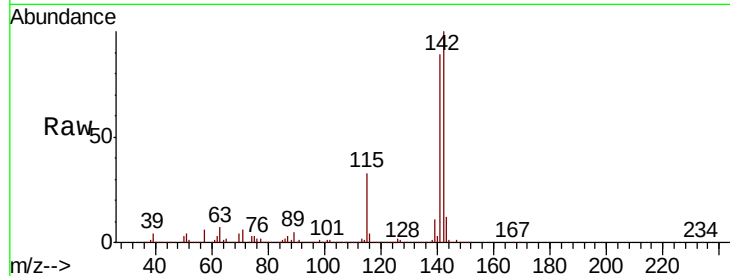
#37
2-Methylnaphthalene
Concen: 43.787 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.1	108.1
115	33.3	28.0	42.0

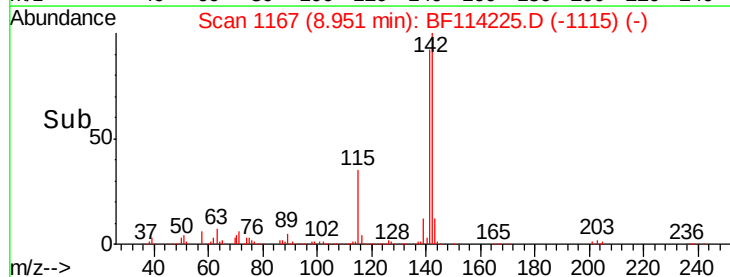
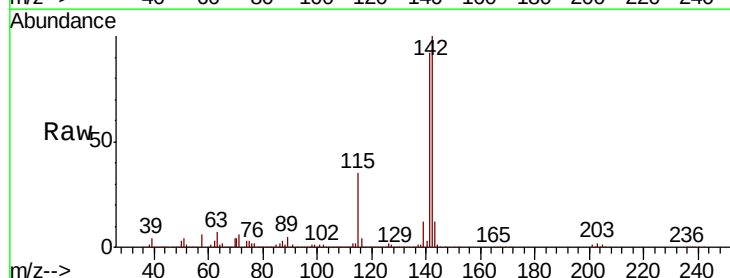
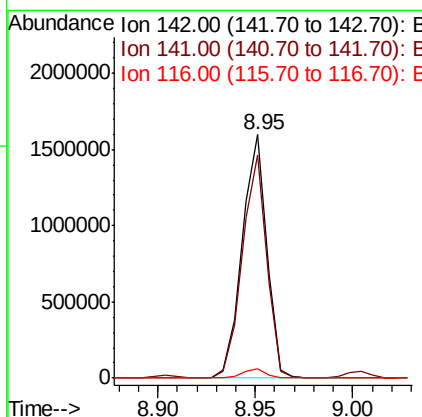
Manual Integrations
APPROVED

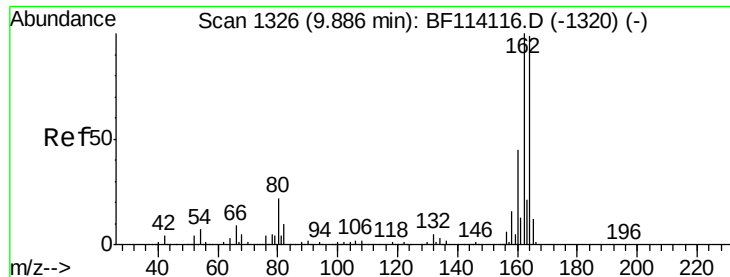
Sohil
5/14/2019 8:03:06 PM



#38
1-Methylnaphthalene
Concen: 43.520 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.0
116	3.6	3.1	4.7





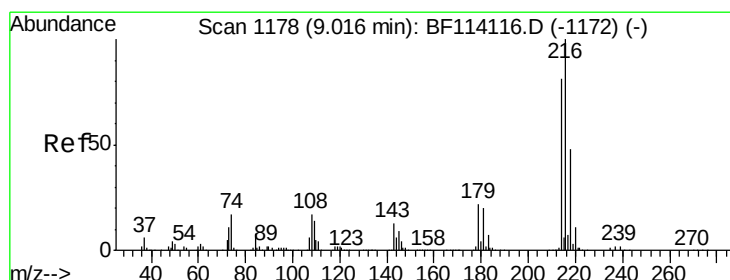
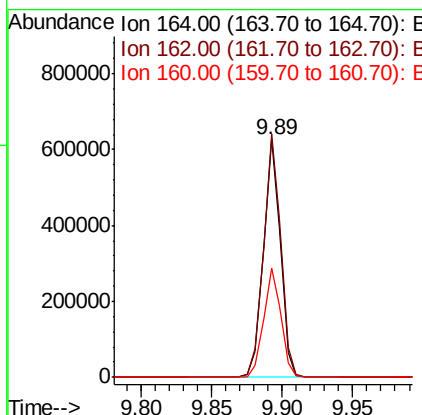
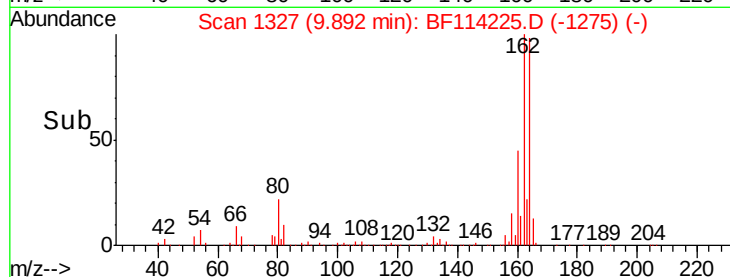
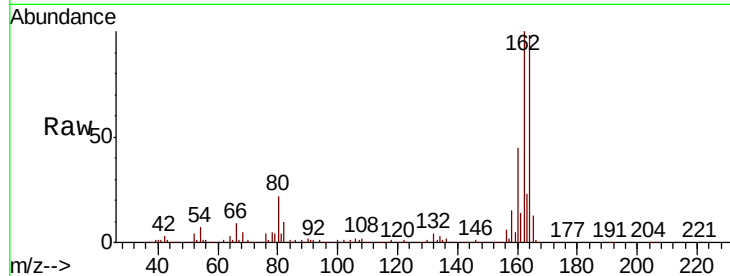
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.7	36.5	54.7

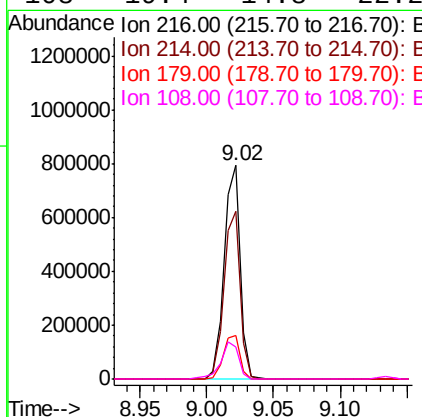
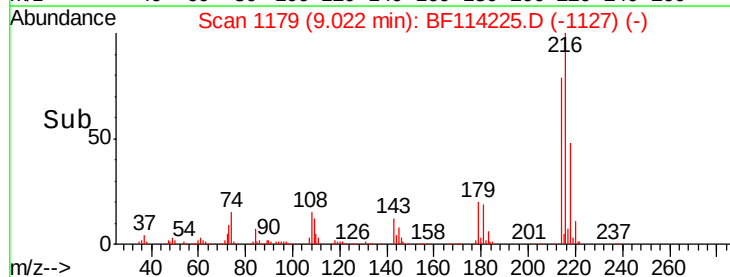
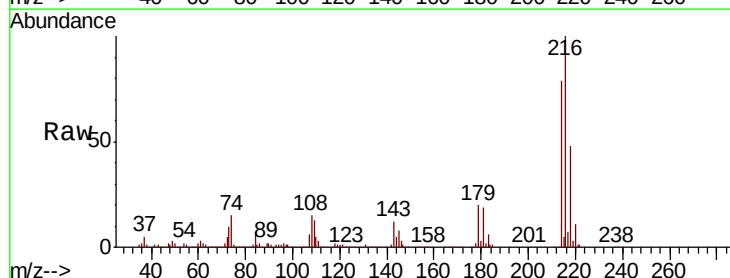
Manual Integrations
APPROVED

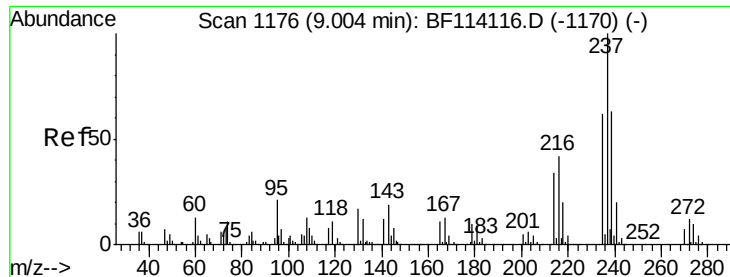
Sohil
5/14/2019 8:03:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.339 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.9	95.9
179	21.3	17.0	25.6
108	19.4	14.8	22.2





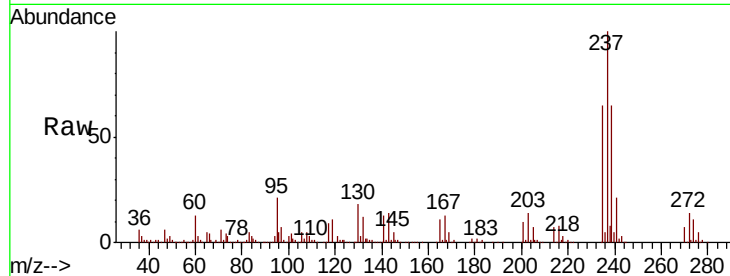
#41
Hexachlorocyclopentadiene
Concen: 41.701 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

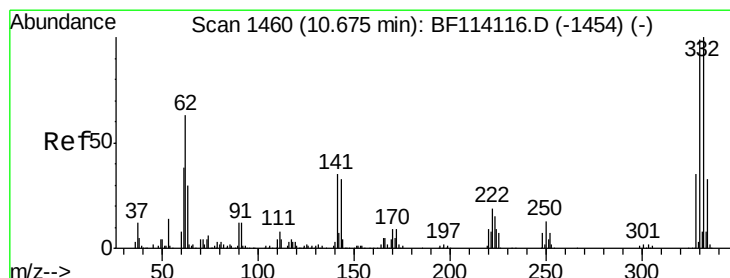
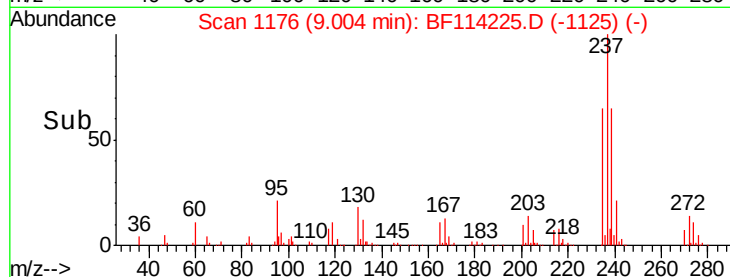
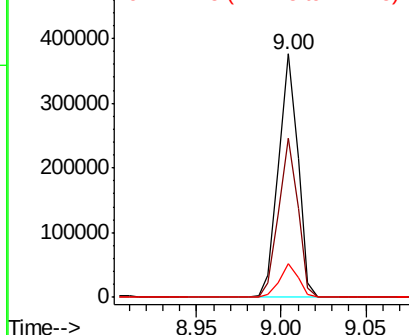
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.2	42.0	82.0		
272	14.0	0.0	32.4		

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM

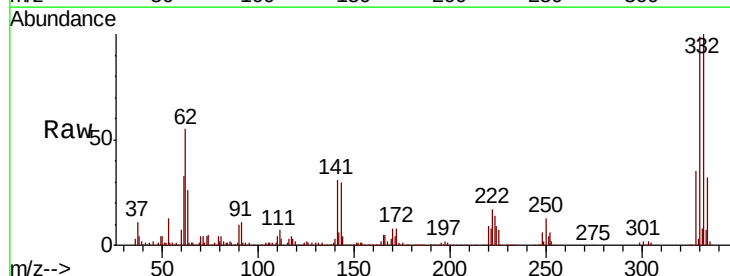


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

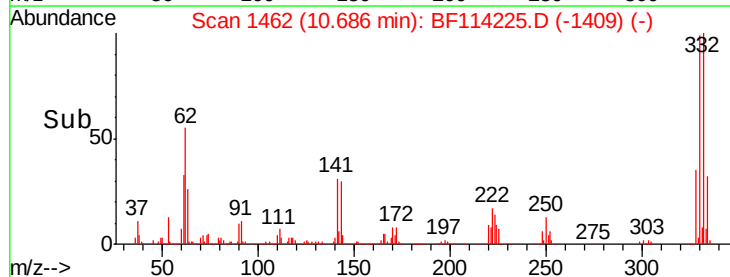
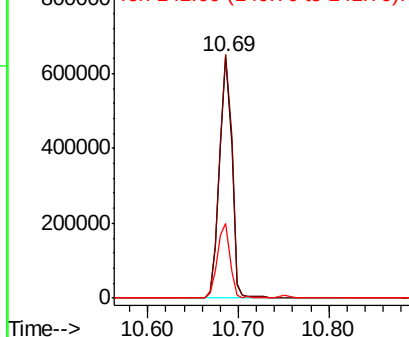


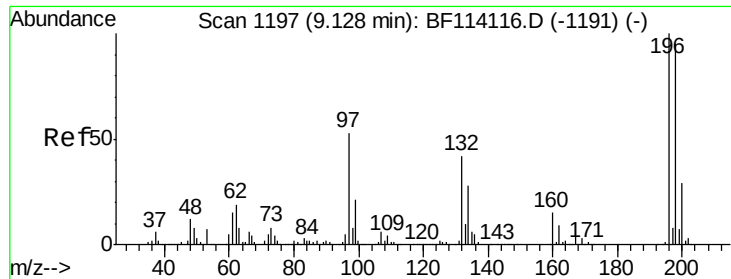
#42
2,4,6-Tribromophenol
Concen: 107.461 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	102.7	81.4	122.2		
141	32.1	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





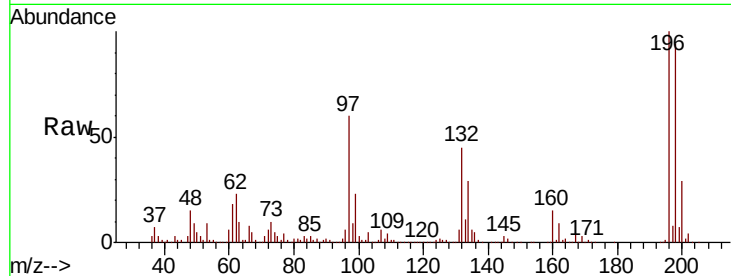
#43
 2,4,6-Trichlorophenol
 Concen: 41.785 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	468826		
198	94.2	75.9	113.9	
200	29.4	23.5	35.3	

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:06 PM

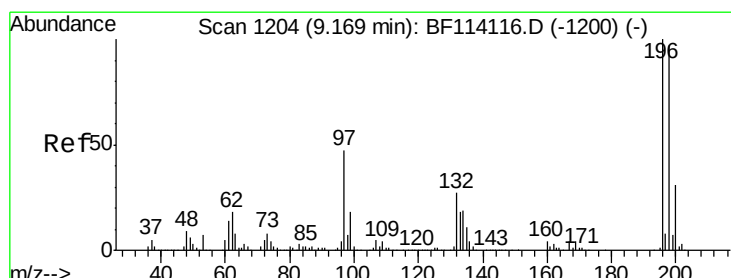
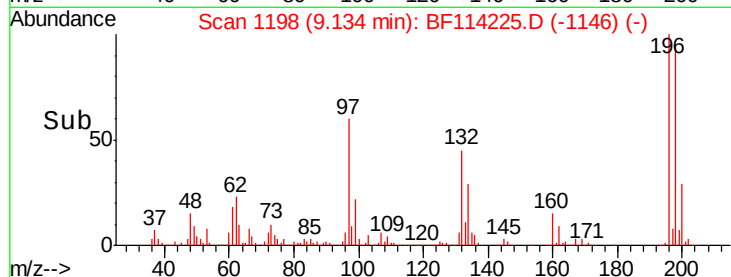
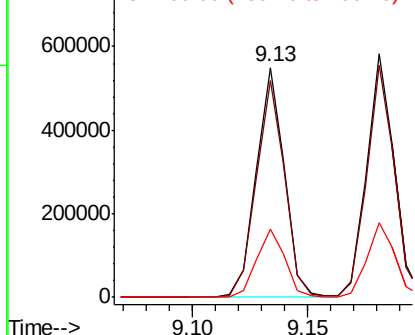


Abundance

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: 42.251 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	486161		
198	95.2	77.7	116.5	
97	52.0	38.2	57.2	
132	29.5	21.4	32.2	

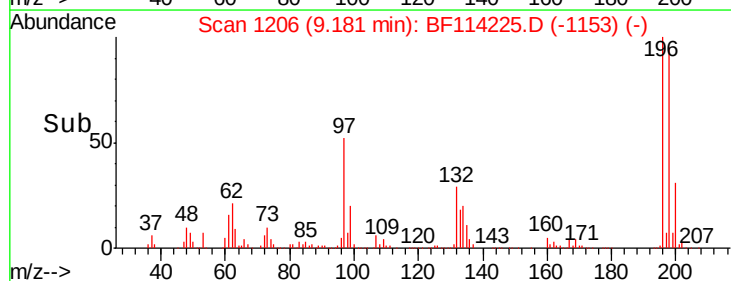
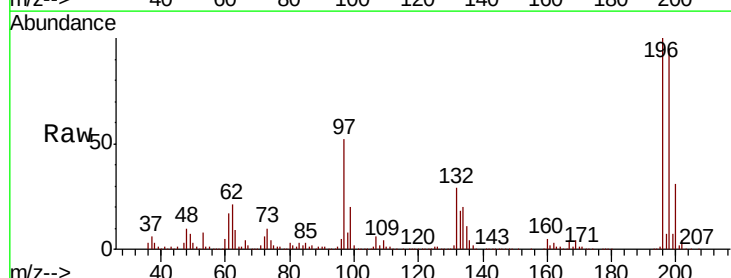
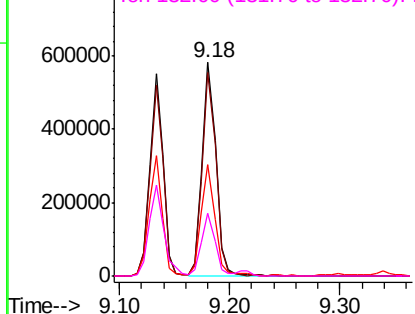
Abundance

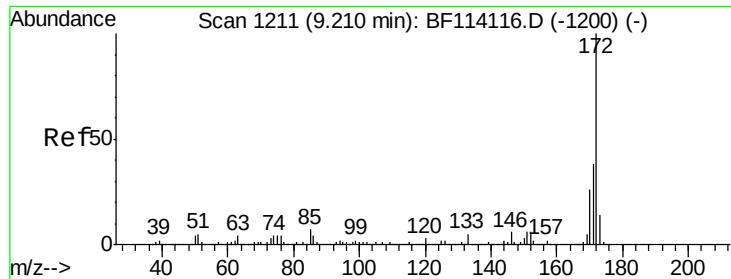
Ion 196.00 (195.70 to 196.70): E

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





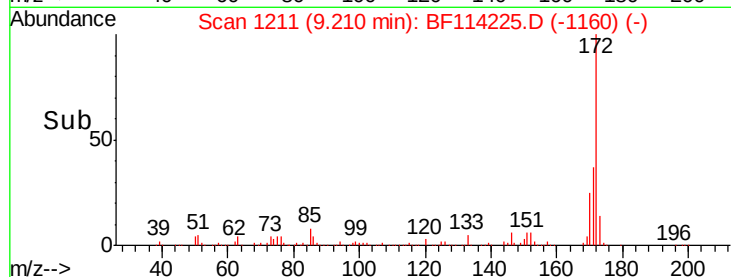
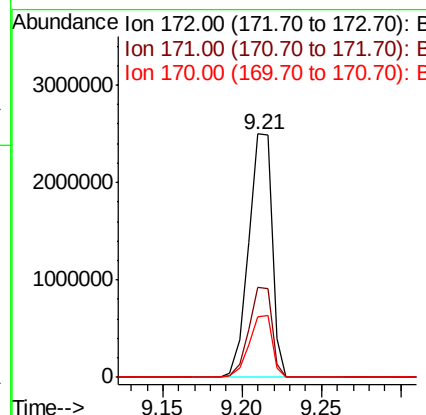
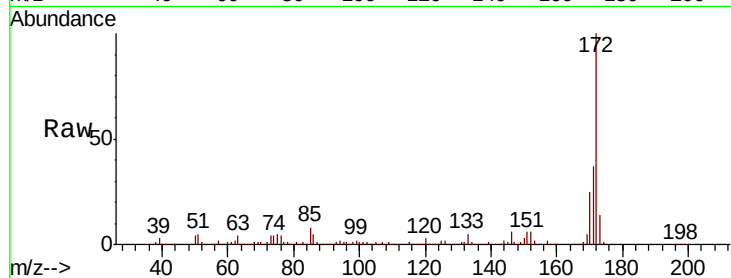
#45
2-Fluorobiphenyl
Concen: 71.787 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.7	20.5	30.7

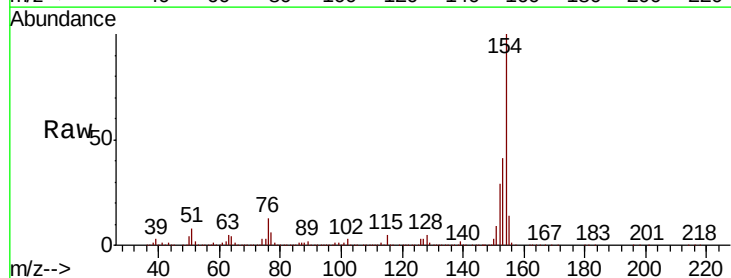
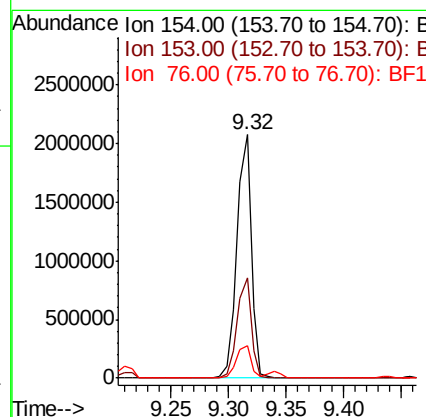
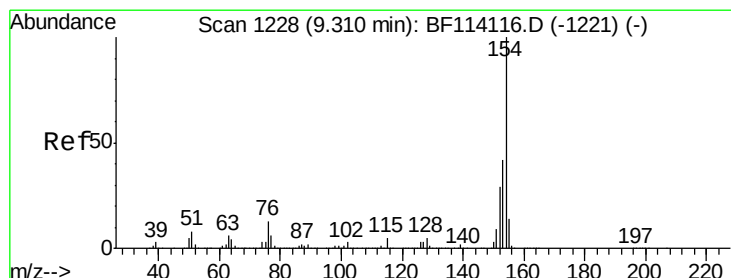
Manual Integrations
APPROVED

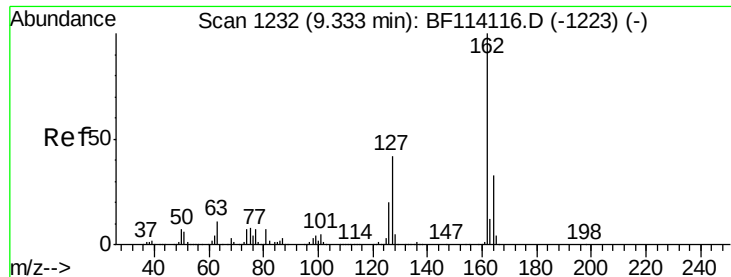
Sohil
5/14/2019 8:03:06 PM



#46
1,1'-Biphenyl
Concen: 41.501 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.9	61.9
76	13.1	0.0	32.8





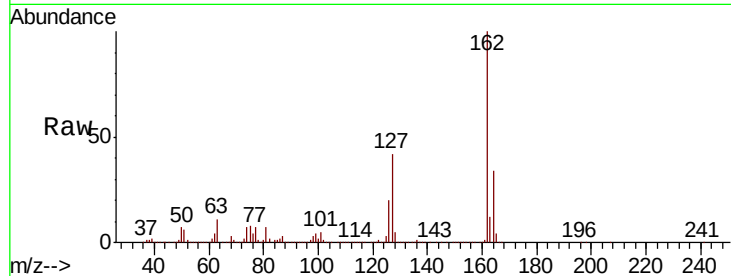
#47
2-Chloronaphthalene
Concen: 38.983 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	34.0	51.0
164	33.6	26.7	40.1

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM

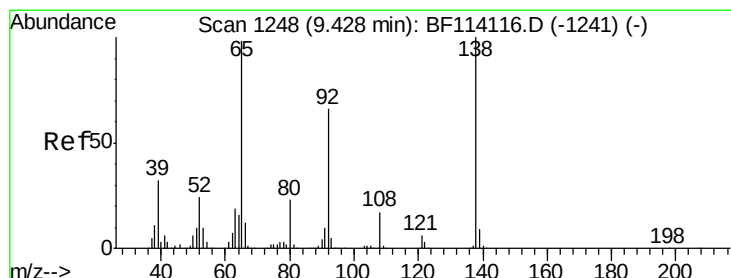
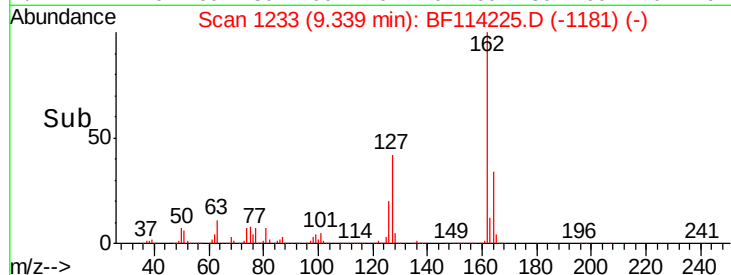
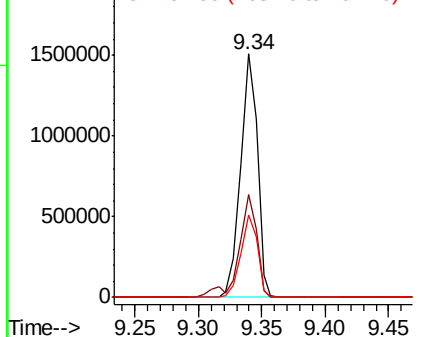


Abundance

Ion 162.00 (161.70 to 162.70): E

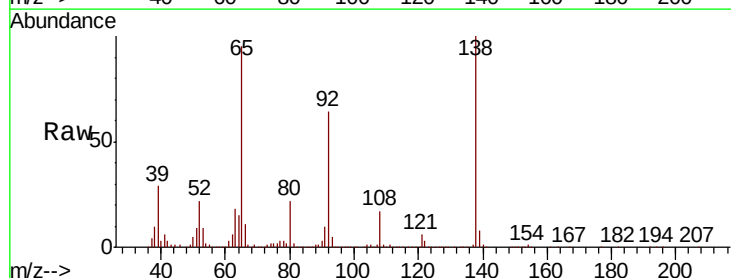
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.165 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	53.9	80.9
138	104.9	81.4	122.0

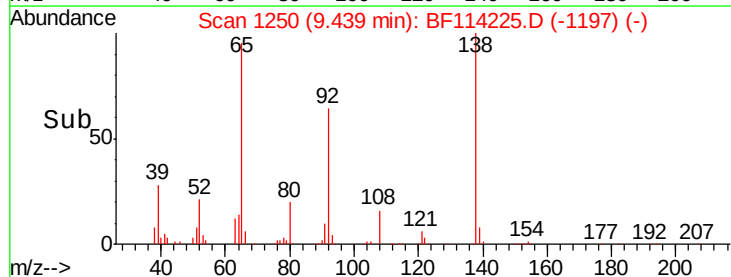
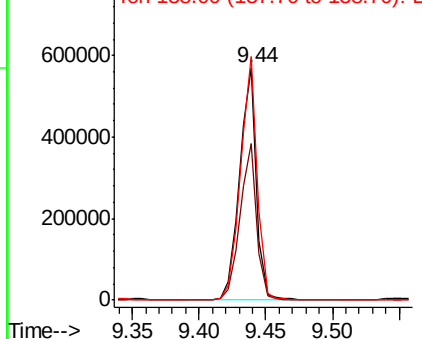


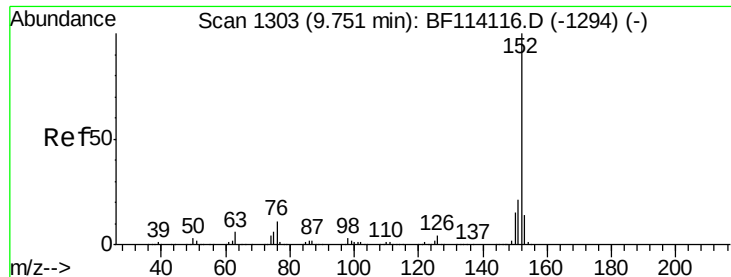
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





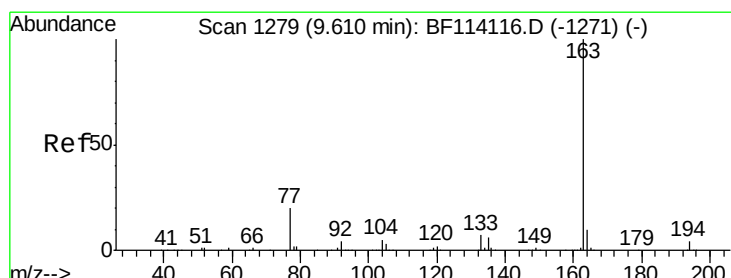
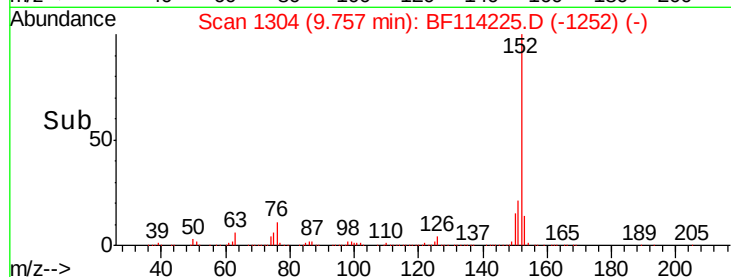
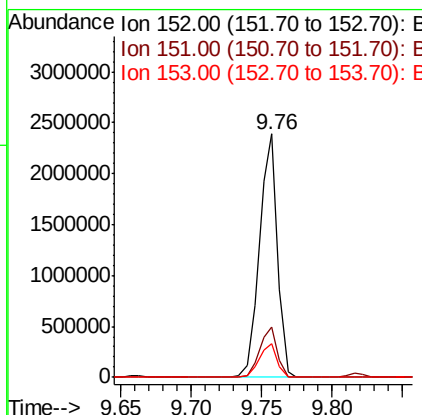
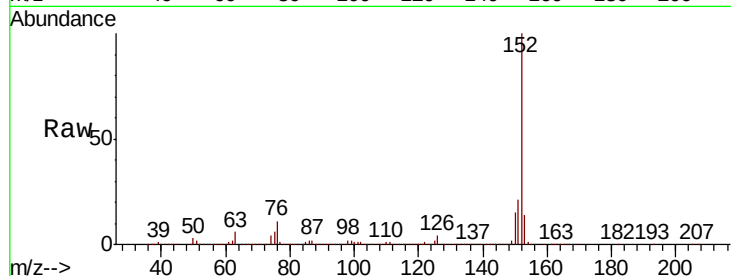
#49
Acenaphthylene
Concen: 40.399 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion:152 Resp: 2151238
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.8 11.4 17.2

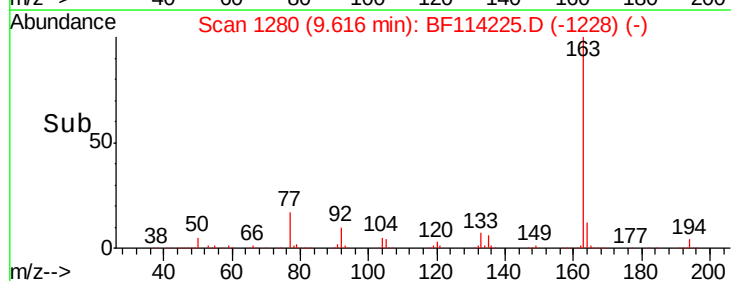
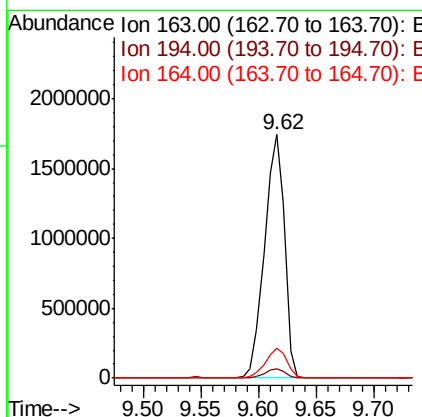
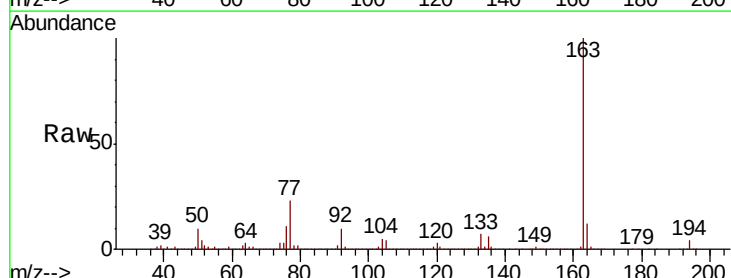
Manual Integrations
APPROVED

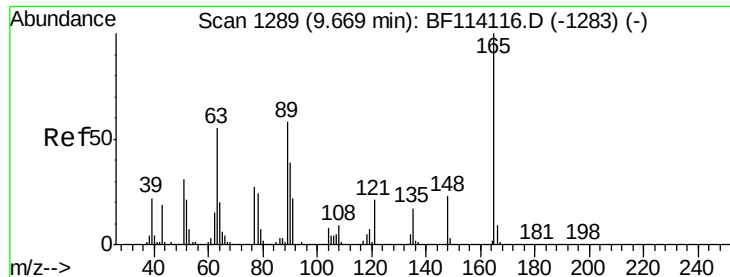
Sohil
5/14/2019 8:03:06 PM



#50
Dimethylphthalate
Concen: 53.513 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion:163 Resp: 2115400
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 12.5 8.2 12.2#





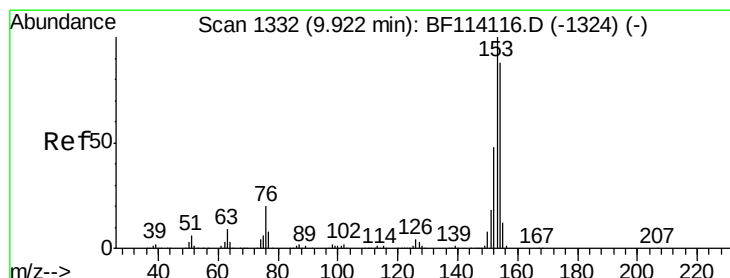
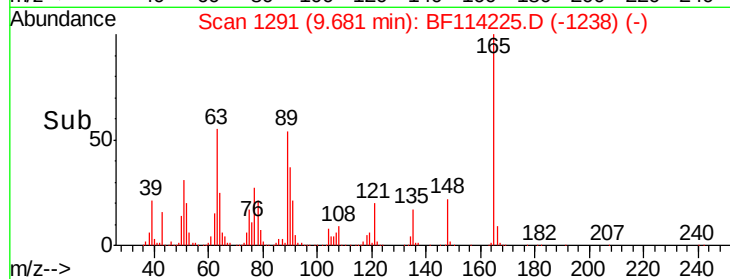
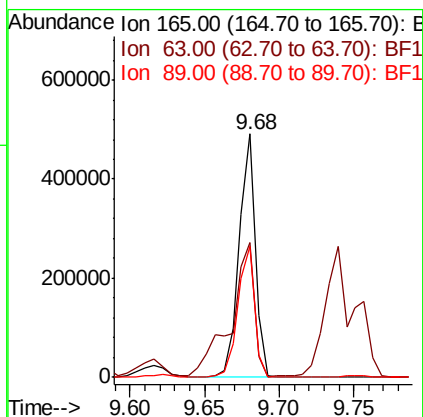
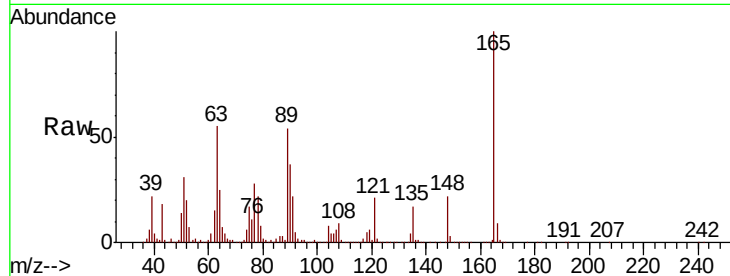
#51
 2,6-Dinitrotoluene
 Concen: 43.144 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	378276		
63	55.3	50.2	75.4	
89	53.6	46.6	69.8	

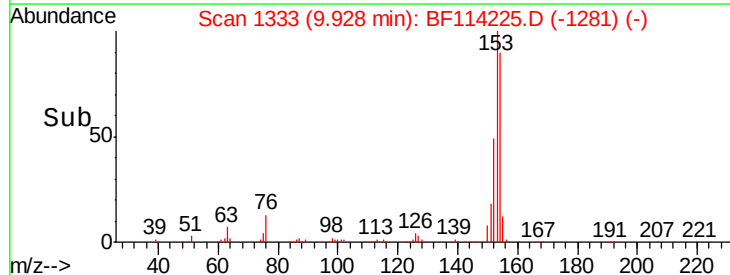
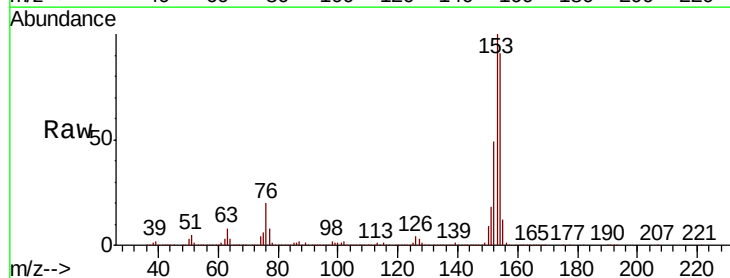
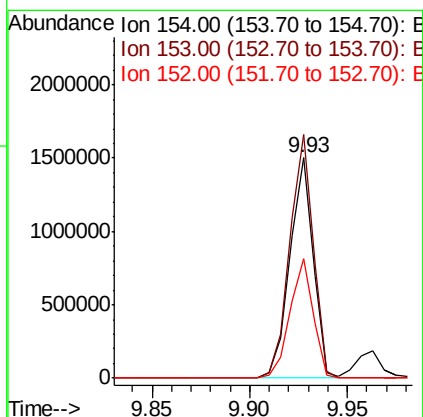
Manual Integrations
 APPROVED

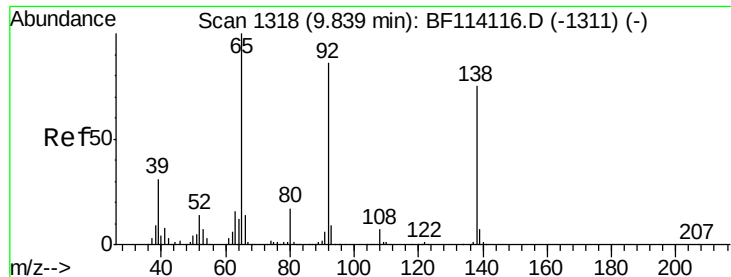
Sohil
 5/14/2019 8:03:06 PM



#52
 Acenaphthene
 Concen: 38.195 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1248053		
153	110.5	90.5	135.7	
152	54.3	43.4	65.2	





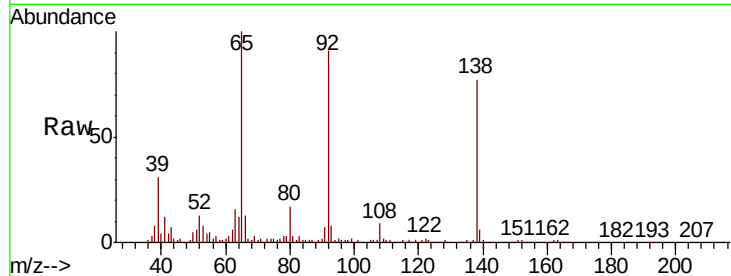
#53
3-Nitroaniline
Concen: 9.075 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

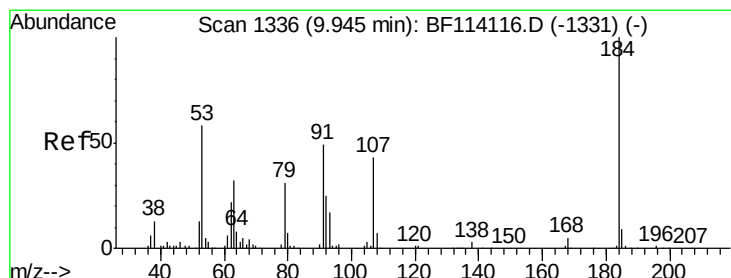
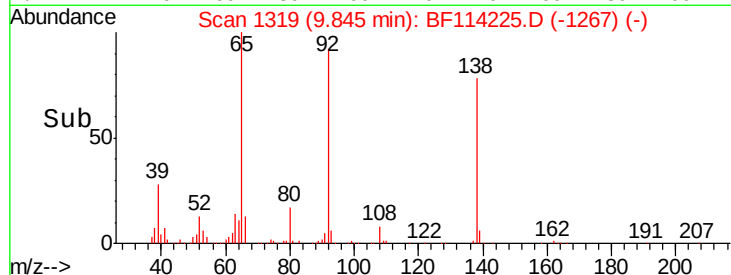
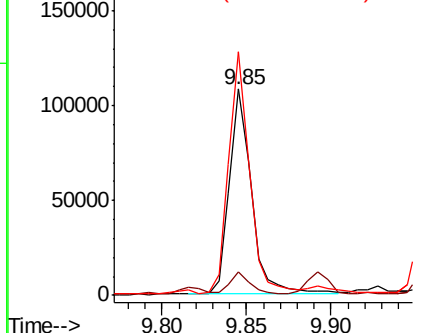
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.8	11.6
92	118.2	91.2	136.8

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM

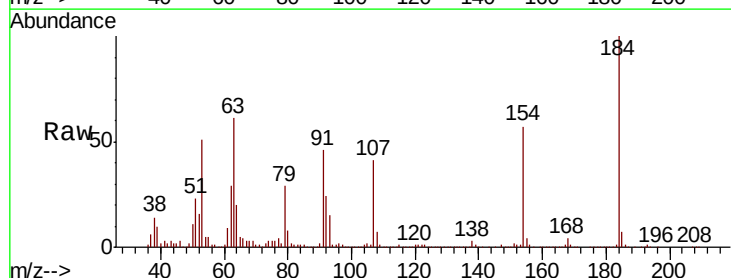


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

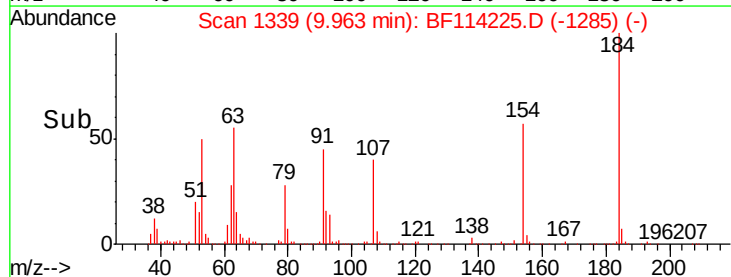
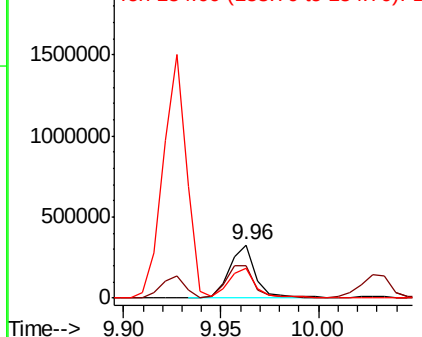


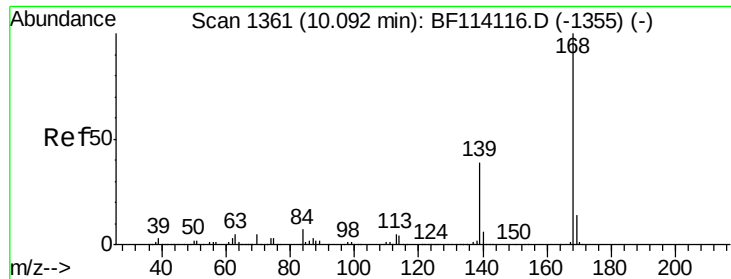
#54
2,4-Dinitrophenol
Concen: 70.568 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	55.6	83.4
154	56.8	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





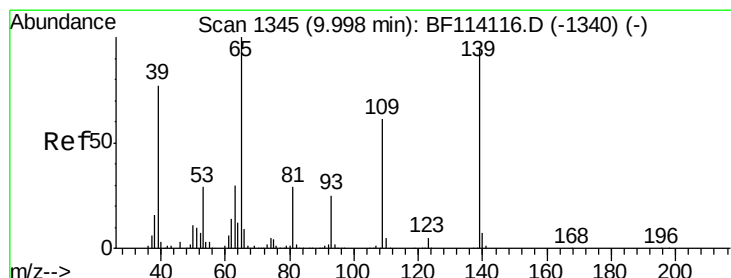
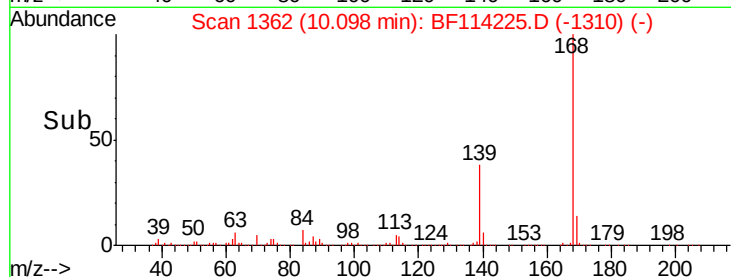
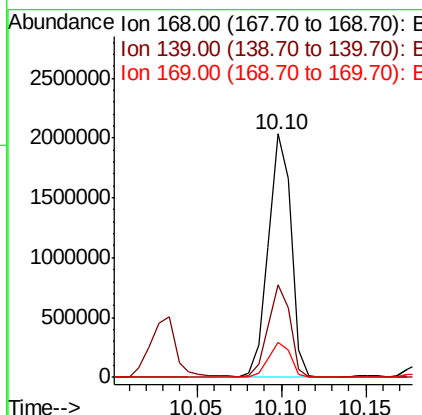
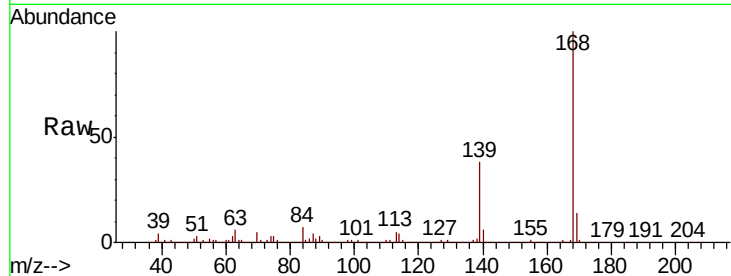
#55
Dibenzofuran
Concen: 39.215 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion:168 Resp: 1878980
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7
169 14.3 11.4 17.0

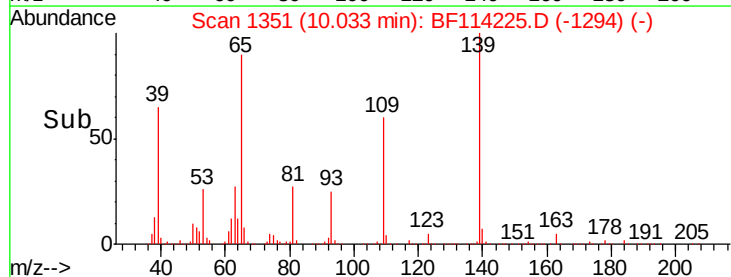
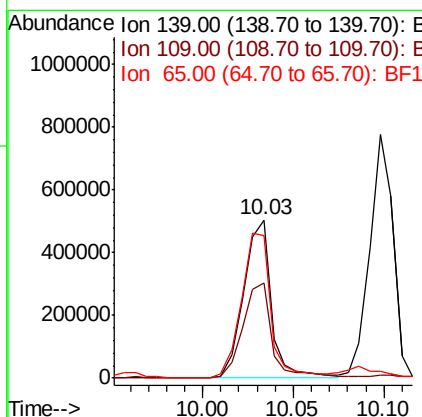
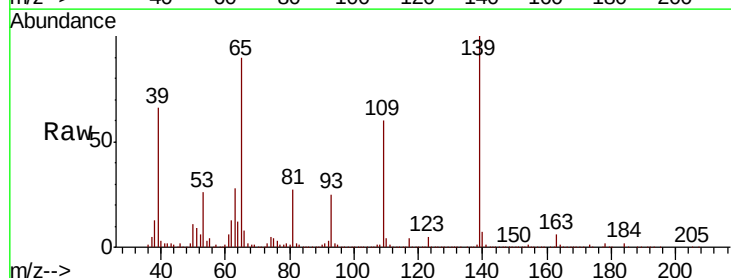
Manual Integrations
APPROVED

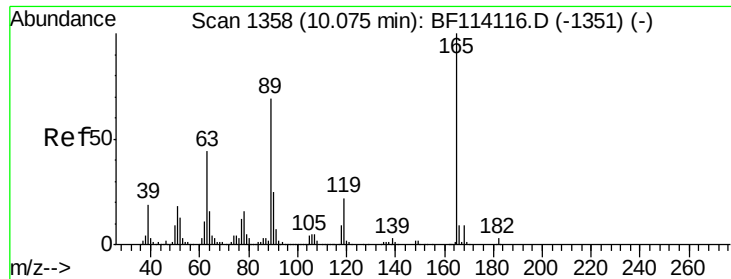
Sohil
5/14/2019 8:03:06 PM



#56
4-Nitrophenol
Concen: 69.299 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.04 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion:139 Resp: 533396
Ion Ratio Lower Upper
139 100
109 60.2 43.9 83.9
65 90.4 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 40.667 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

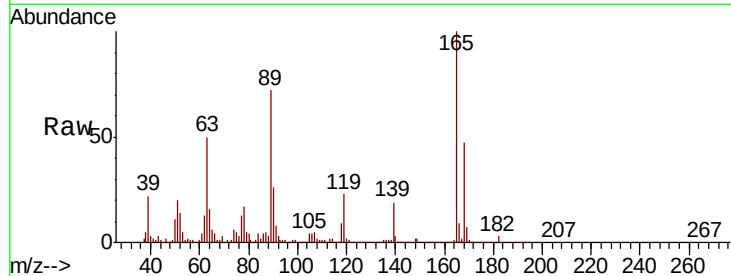
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	165	Resp:	483957
Ion Ratio	Lower	Upper	
165	100		
63	49.6	35.5	53.3
89	71.8	55.2	82.8
182	2.6	2.2	3.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM

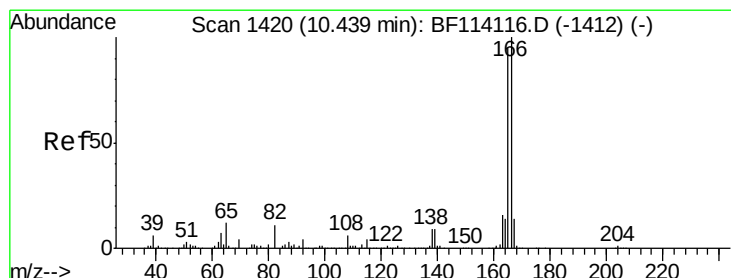
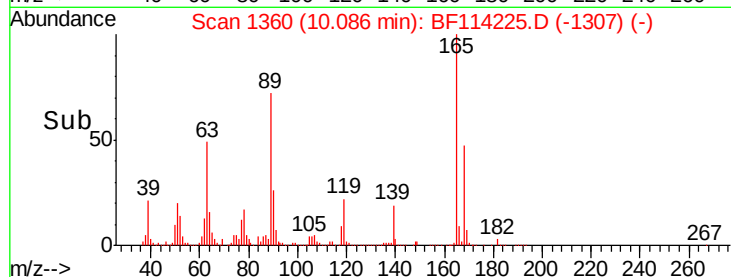
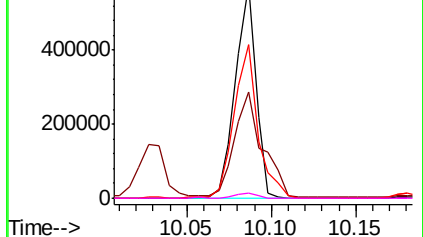


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.018 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF114225.D

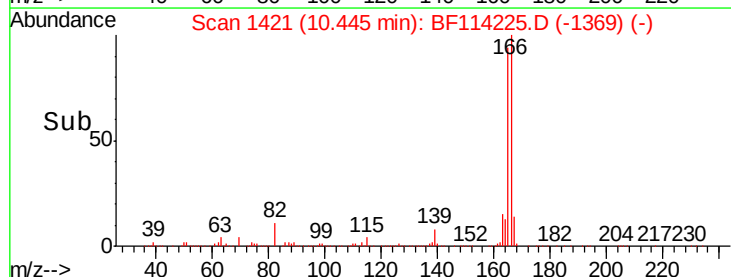
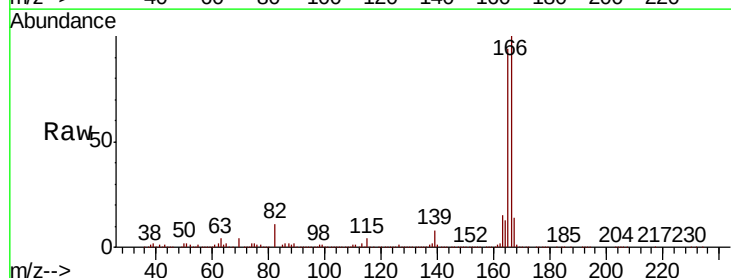
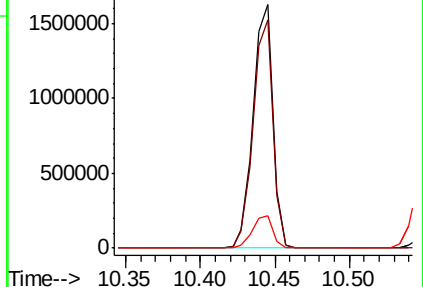
Acq: 13 May 2019 13:39

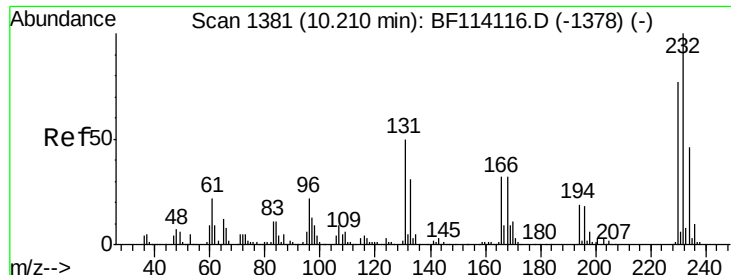
Tgt Ion:	166	Resp:	1481048
Ion Ratio	Lower	Upper	
166	100		
165	93.9	76.1	114.1
167	13.5	11.1	16.7

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





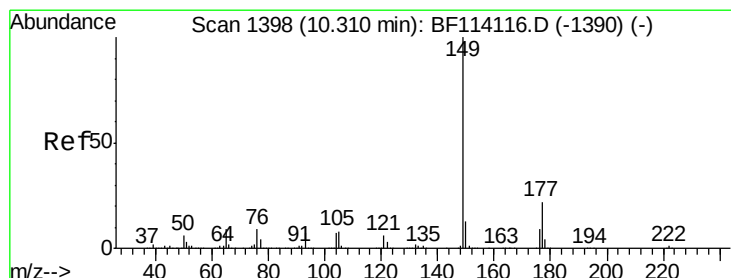
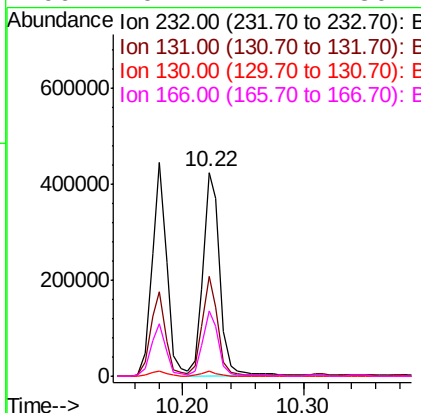
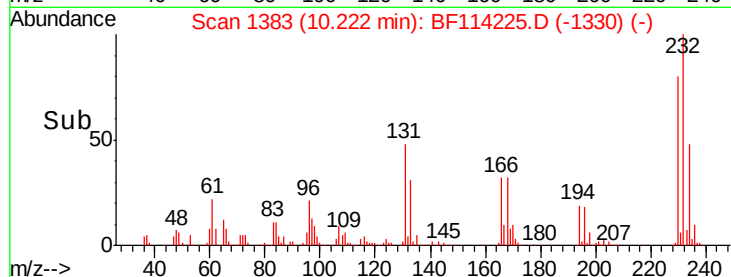
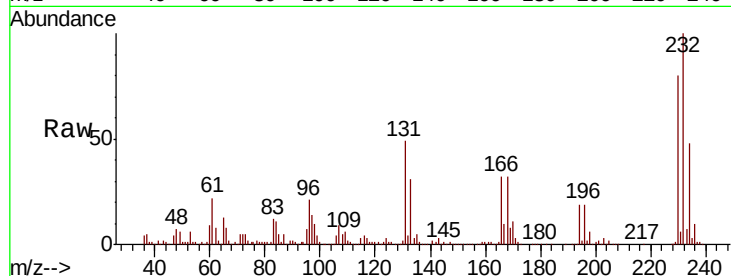
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.133 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.6	53.4
130	2.3	1.6	2.4
166	29.7	24.1	36.1

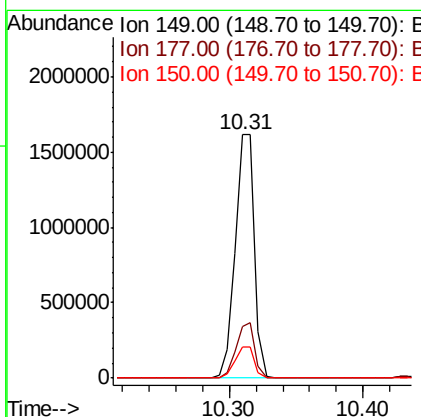
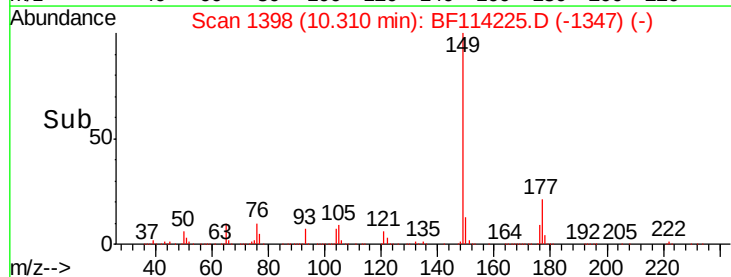
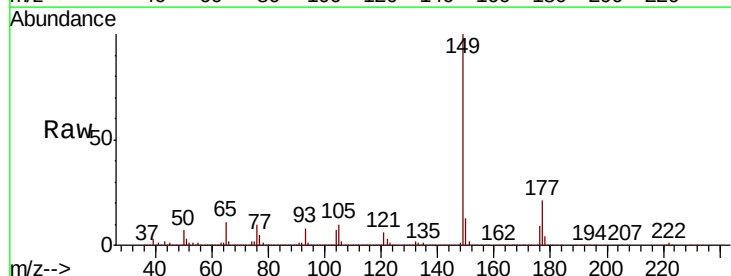
Manual Integrations
 APPROVED

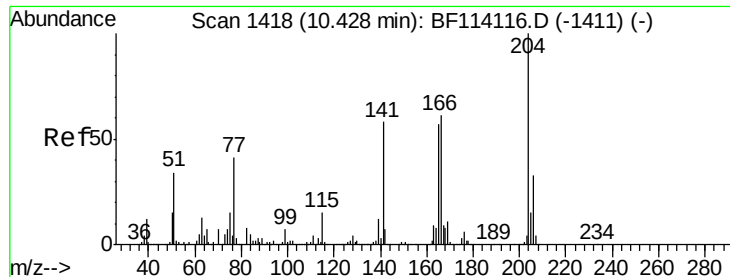
Sohil
 5/14/2019 8:03:06 PM



#60
 Diethylphthalate
 Concen: 40.336 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

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





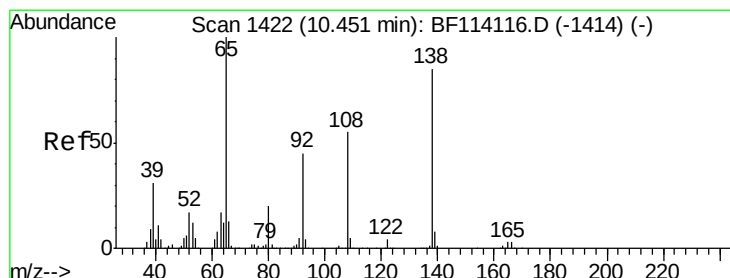
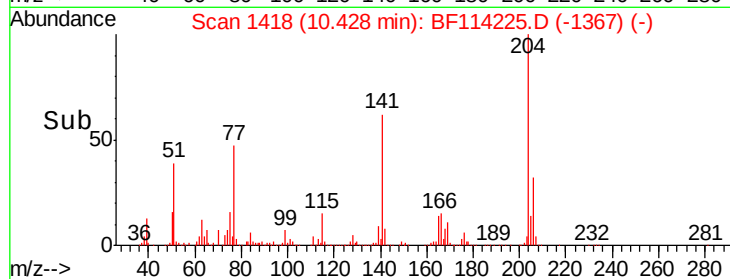
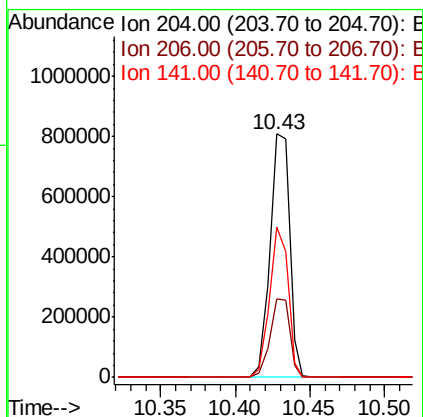
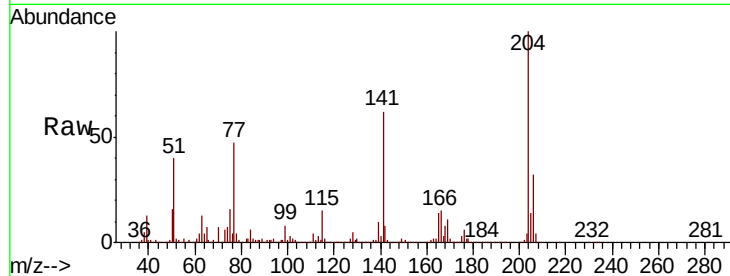
#61
 4-Chlorophenyl-phenylether
 Concen: 40.301 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

Tot Ion:	204	Resp:	732562
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.6	39.8
141	61.6	46.4	69.6

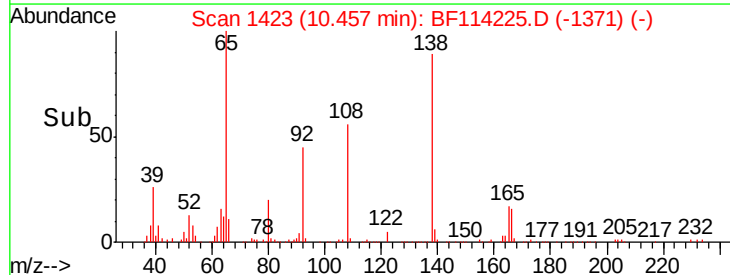
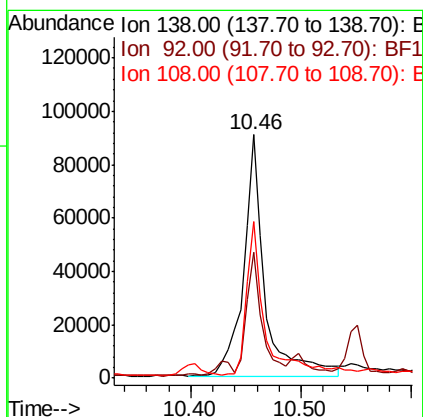
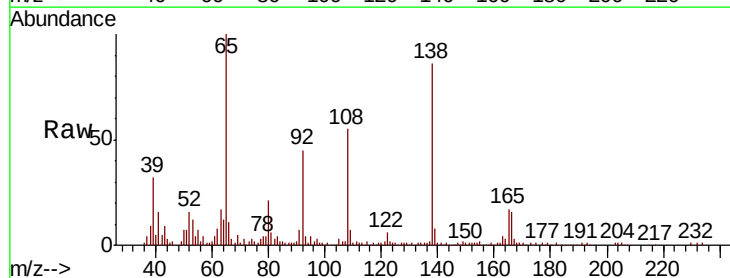
Manual Integrations
 APPROVED

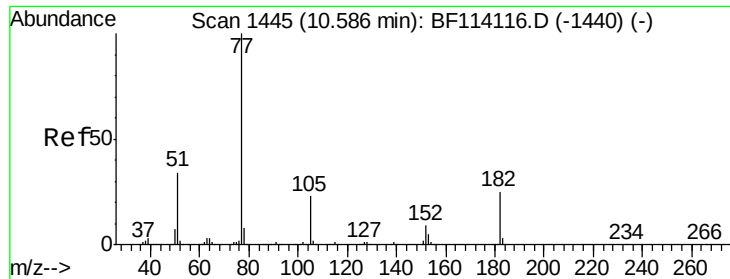
Sohil
 5/14/2019 8:03:06 PM



#62
 4-Nitroaniline
 Concen: 10.781 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Tgt Ion:	138	Resp:	123298
Ion Ratio	Lower	Upper	
138	100		
92	51.8	33.0	73.0
108	64.2	44.9	84.9





#63

Azobenzene

Concen: 40.356 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion: 77 Resp: 1568976

Ion Ratio Lower Upper

77 100

182 26.2 4.7 44.7

105 24.6 2.9 42.9

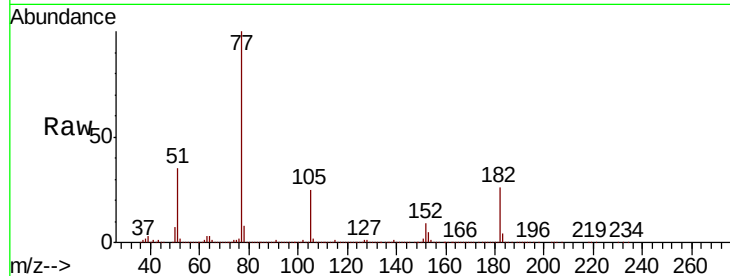
51 34.5 14.6 54.6

Manual Integrations

APPROVED

Sohil

5/14/2019 8:03:06 PM

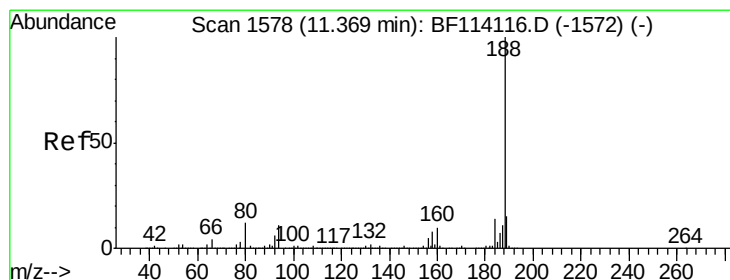
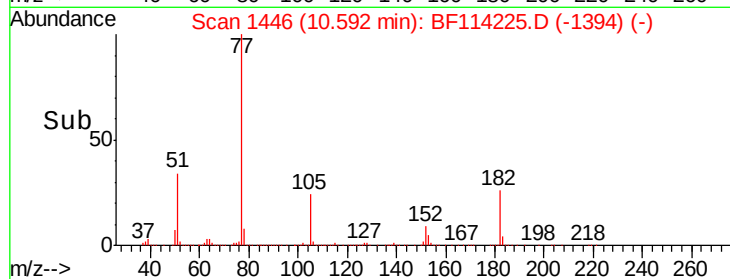
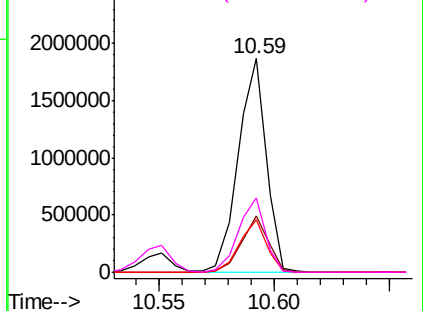


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114225.D

Acq: 13 May 2019 13:39

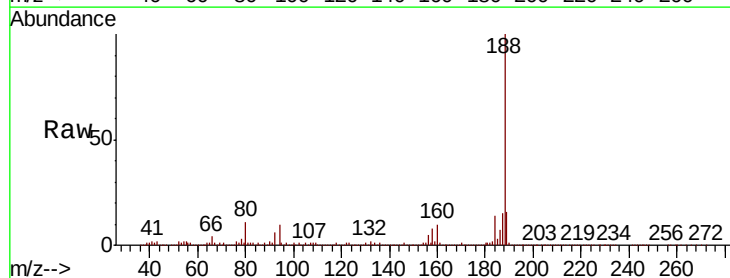
Tgt Ion: 188 Resp: 997295

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

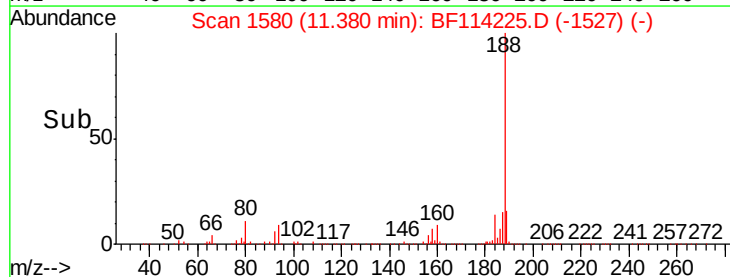
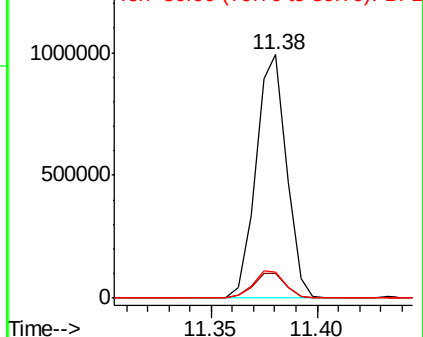
80 10.9 9.2 13.8

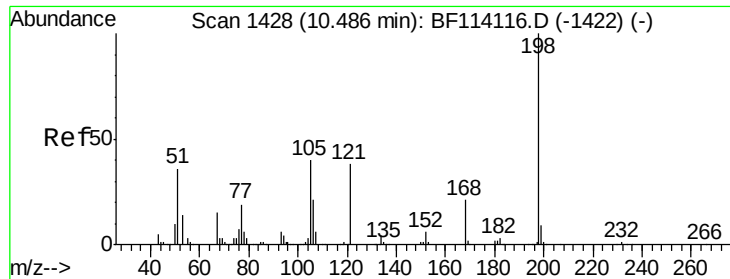


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





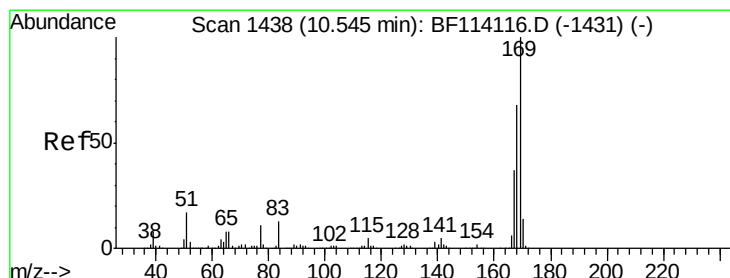
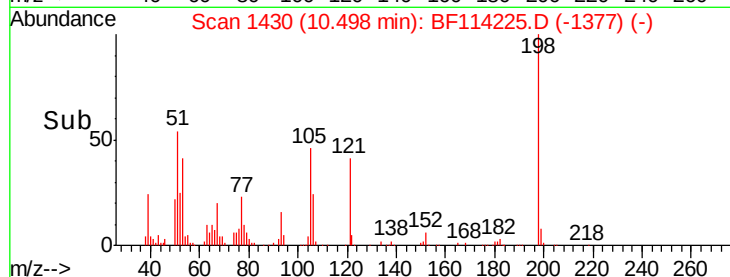
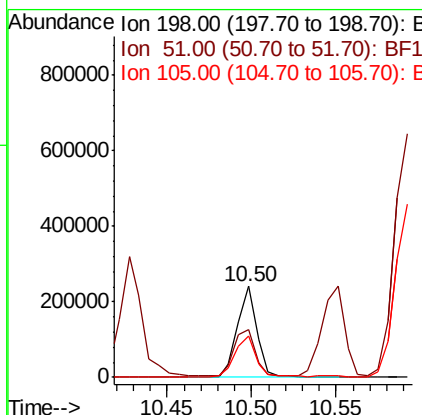
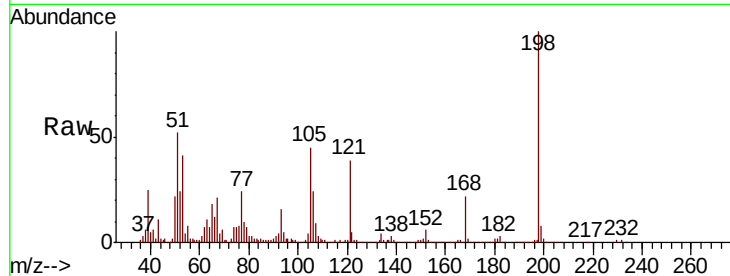
#65
4,6-Dinitro-2-methylphenol
Concen: 40.925 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	196120		
51	52.1	28.0	68.0	
105	44.9	21.1	61.1	

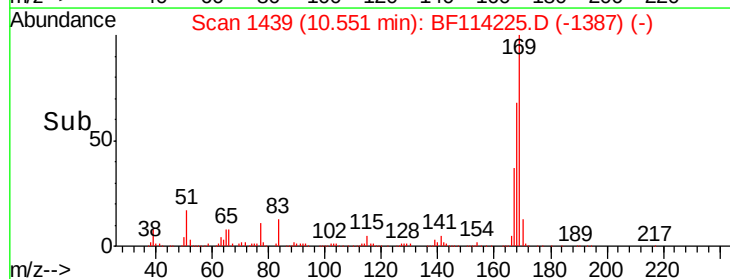
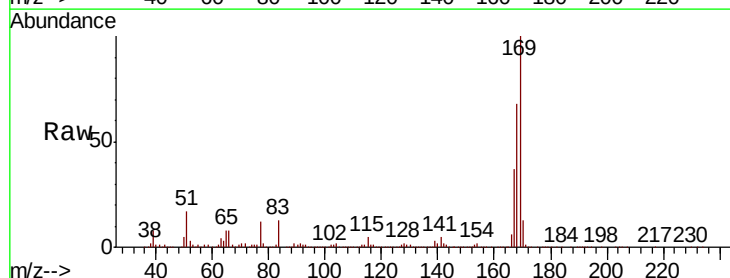
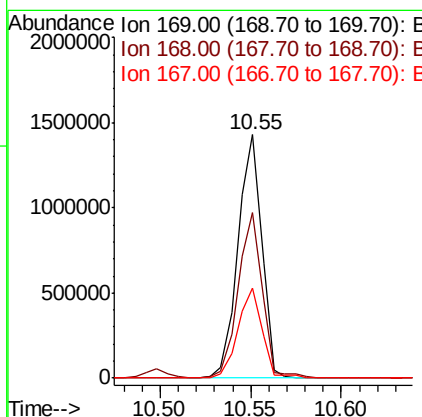
Manual Integrations
APPROVED

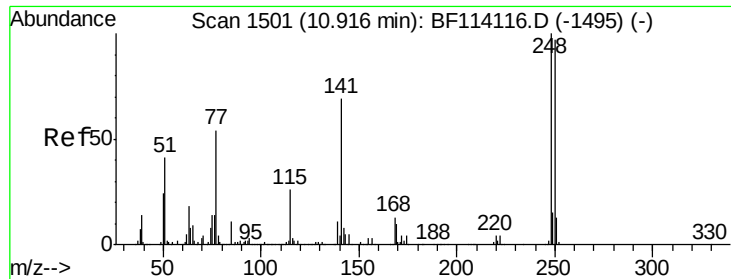
Sohil
5/14/2019 8:03:06 PM



#66
n-Nitrosodiphenylamine
Concen: 43.033 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1302532		
168	68.0	54.2	81.2	
167	37.0	29.8	44.8	





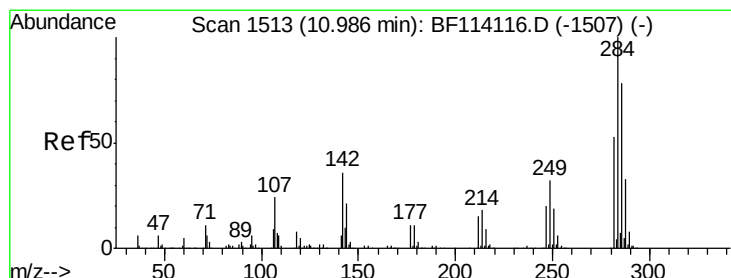
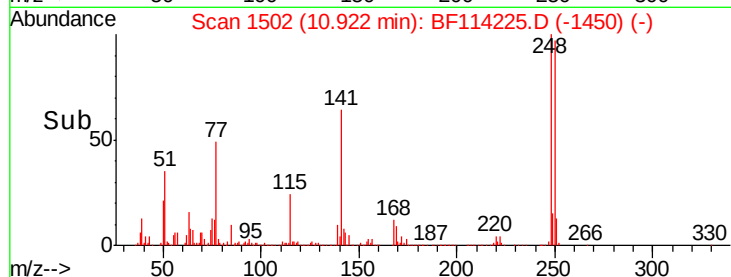
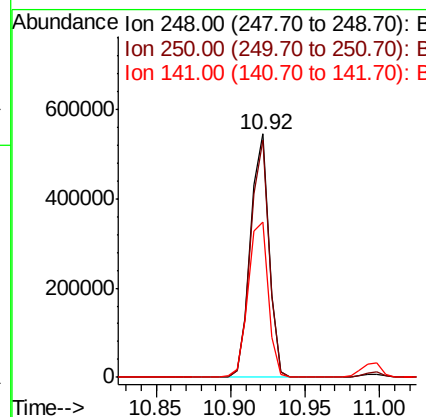
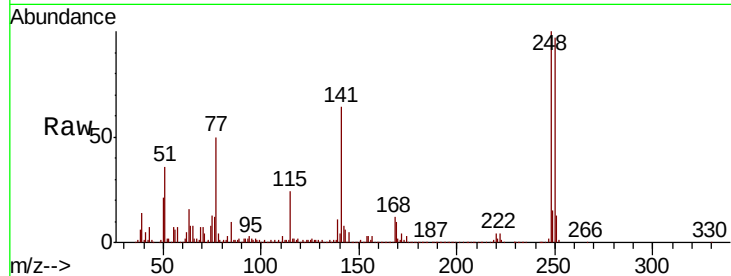
#67
4-Bromophenyl-phenylether
Concen: 42.704 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.4	116.2
141	64.0	55.6	83.4

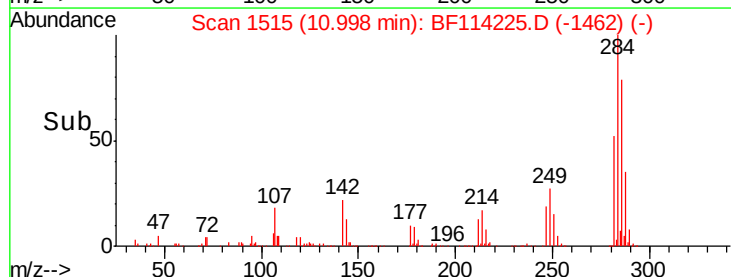
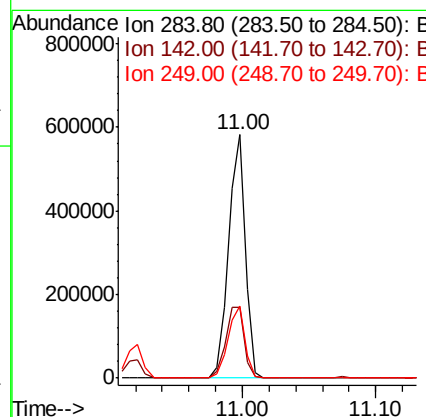
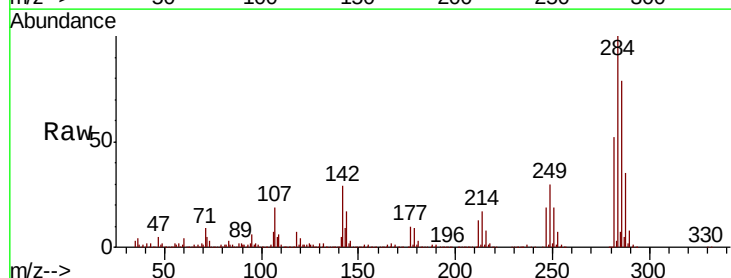
Manual Integrations
APPROVED

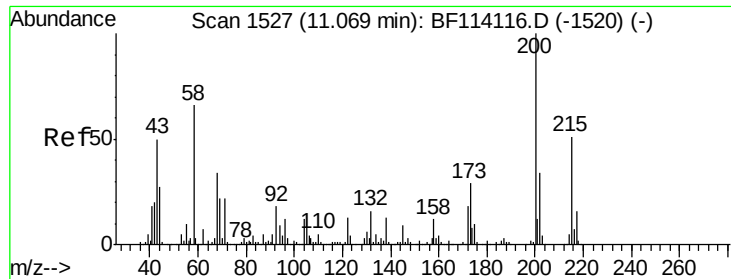
Sohil
5/14/2019 8:03:06 PM



#68
Hexachlorobenzene
Concen: 42.525 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.4	42.6
249	29.7	25.2	37.8





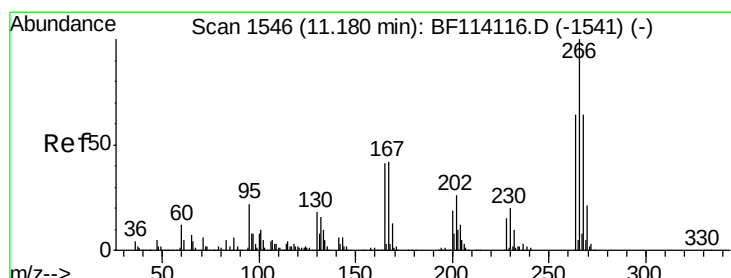
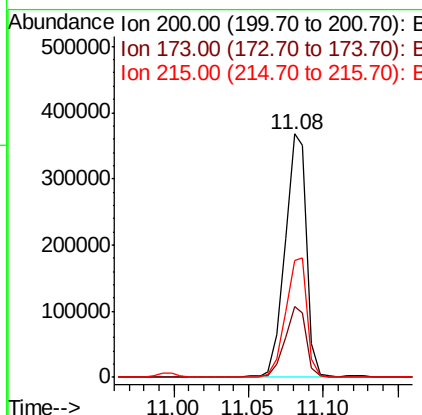
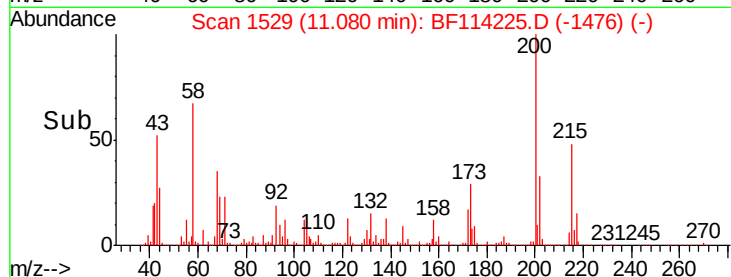
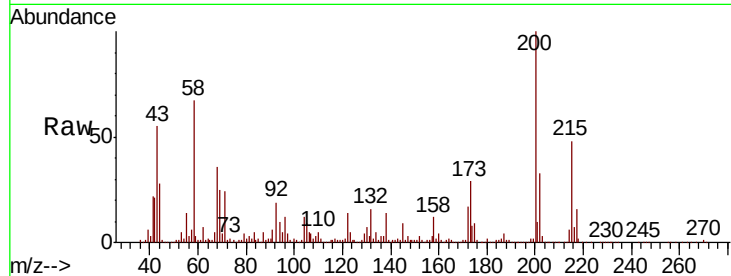
#69
Atrazine
Concen: 39.769 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	374593		
173	29.2	8.9	48.9	
215	48.2	30.7	70.7	

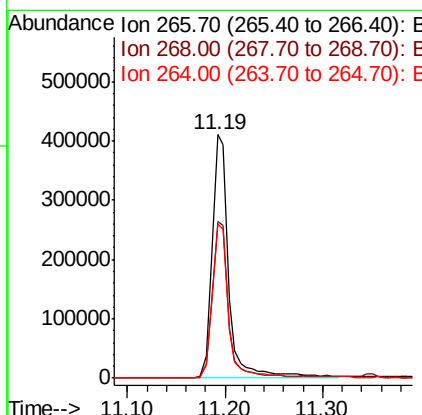
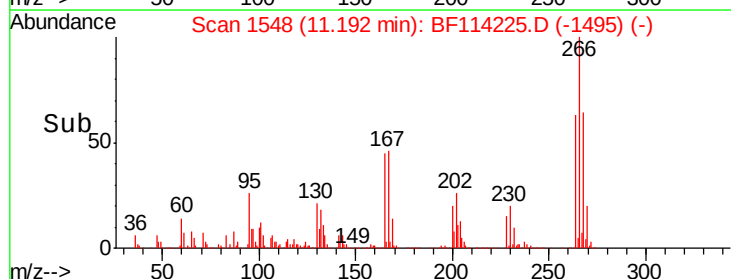
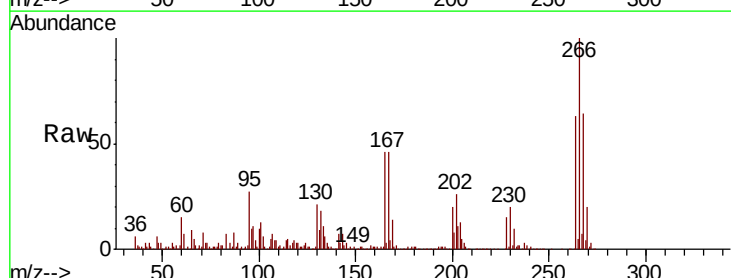
Manual Integrations
APPROVED

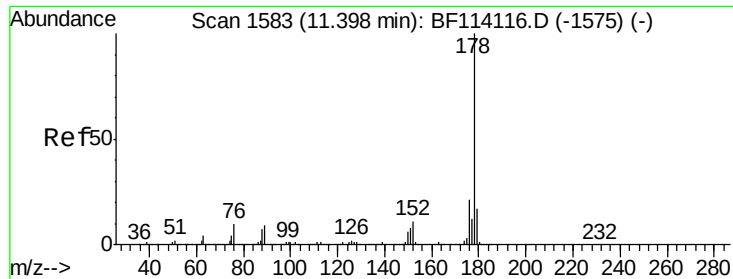
Sohil
5/14/2019 8:03:06 PM



#70
Pentachlorophenol
Concen: 84.295 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	485405		
268	64.2	51.1	76.7	
264	63.4	51.1	76.7	





#71

Phenanthrene

Concen: 42.327 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:178 Resp: 2053685

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

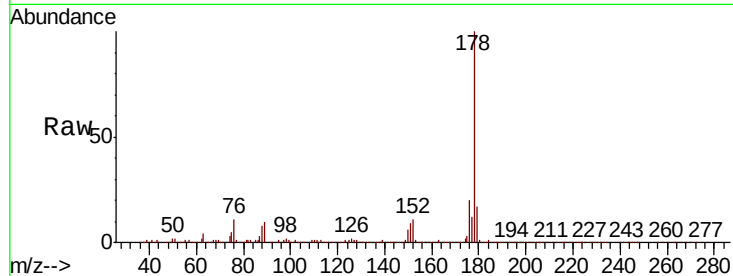
179 16.5 13.2 19.8

Manual Integrations

APPROVED

Sohil

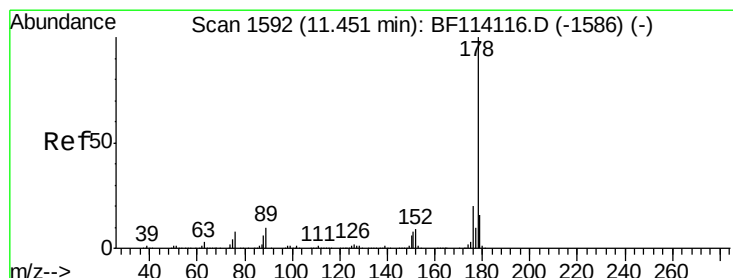
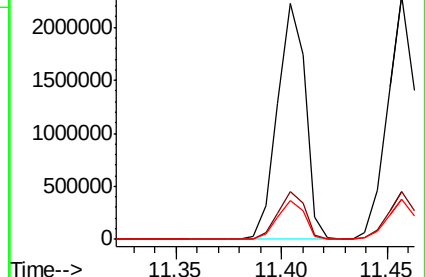
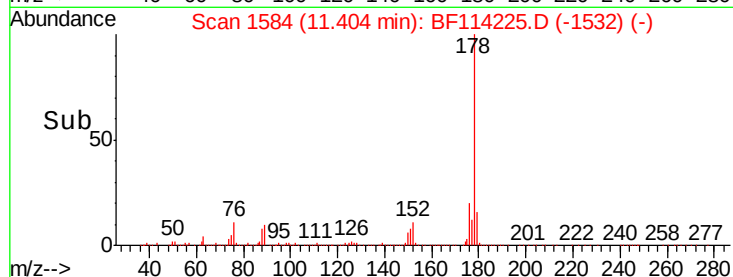
5/14/2019 8:03:06 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.201 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

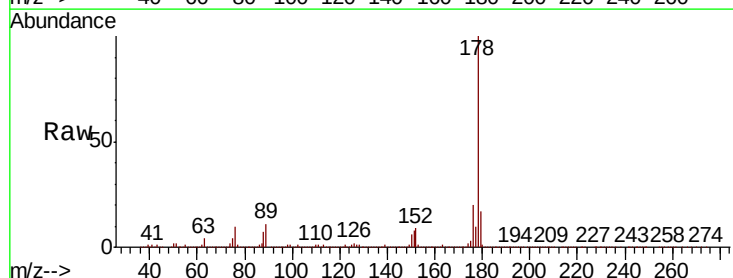
Tgt Ion:178 Resp: 2056635

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

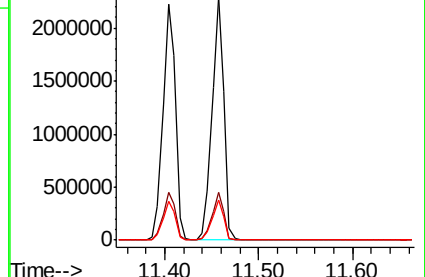
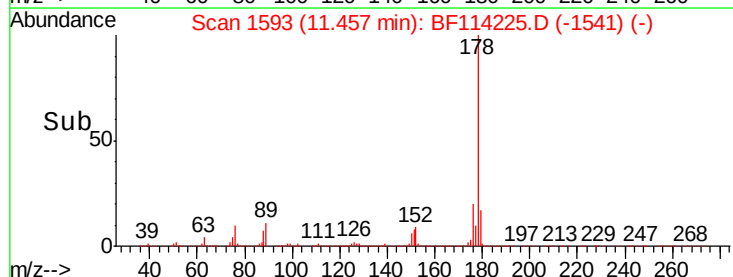
179 16.6 13.0 19.4

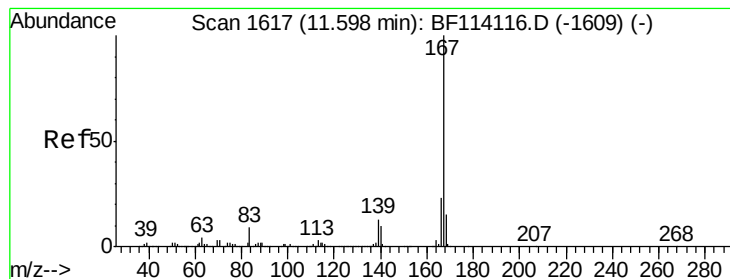


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.294 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:167 Resp: 1779603

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

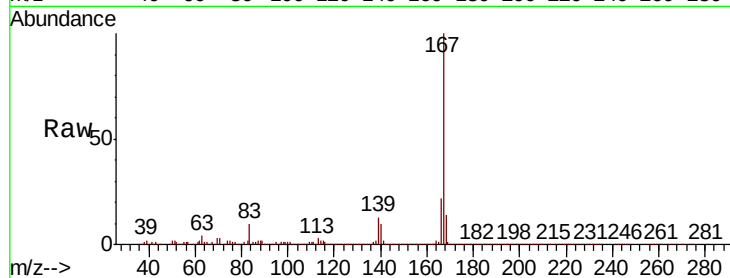
139 13.0 10.6 16.0

Manual Integrations

APPROVED

Sohil

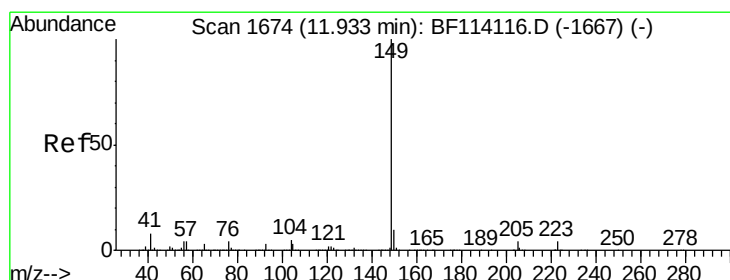
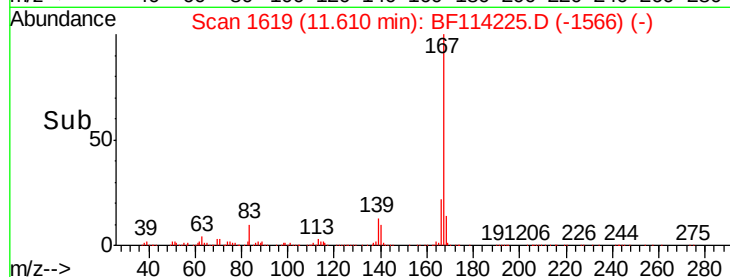
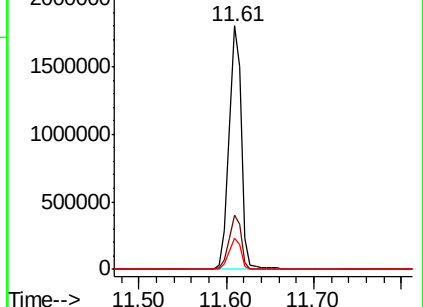
5/14/2019 8:03:06 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.089 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

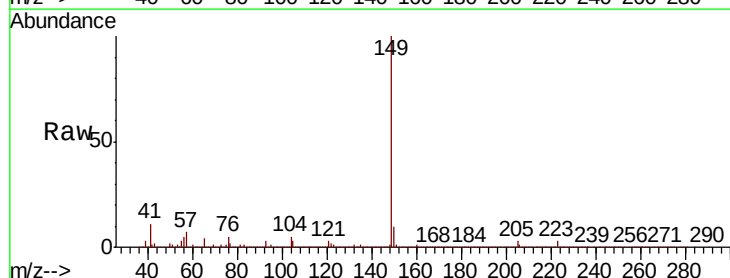
Tgt Ion:149 Resp: 2360504

Ion Ratio Lower Upper

149 100

150 10.3 7.7 11.5

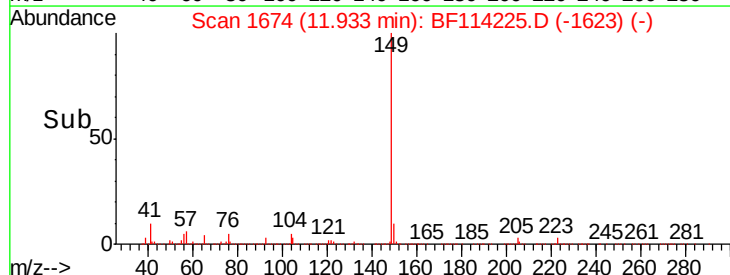
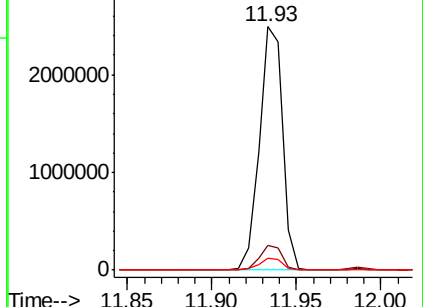
104 5.1 3.6 5.4

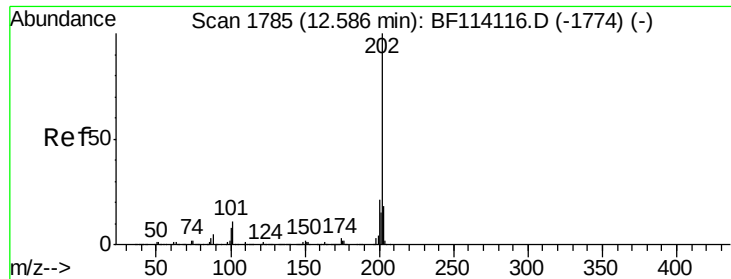


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.563 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

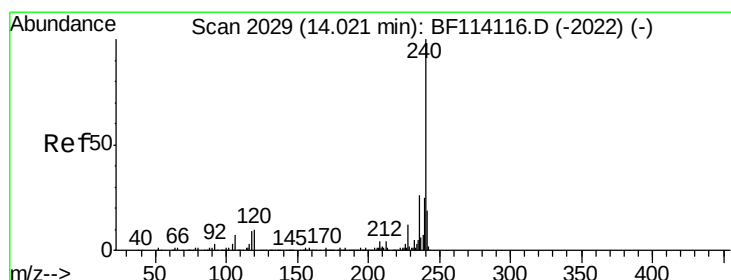
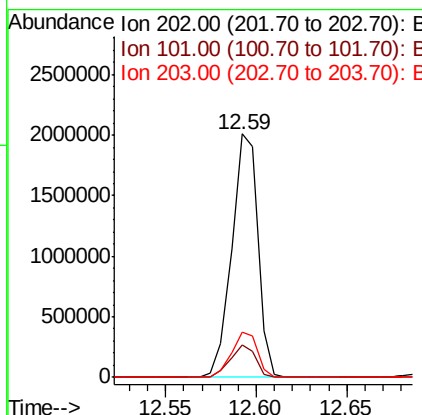
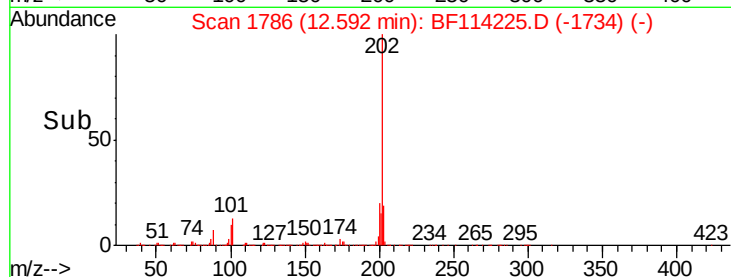
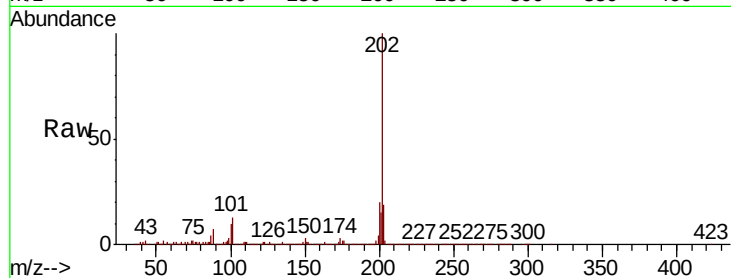
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	202	Resp:	2014883
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.0
203	18.7	0.0	38.4

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM



#76

Chrysene-d12

Concen: 20.000 ng

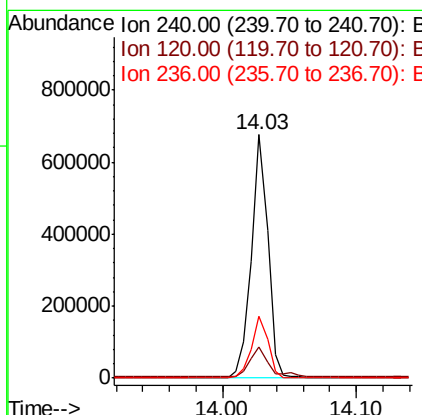
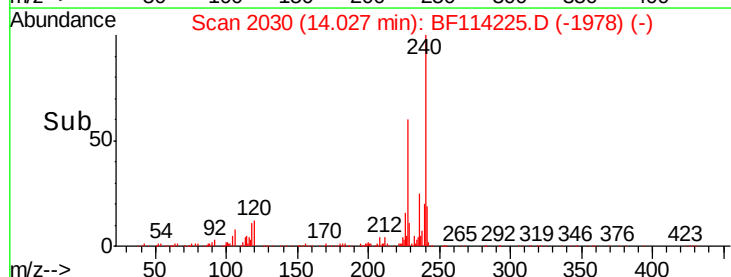
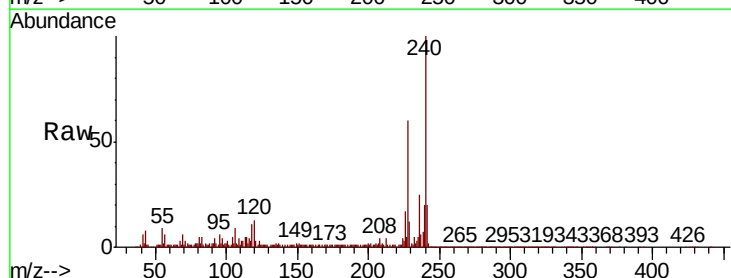
RT: 14.03 min Scan# 2030

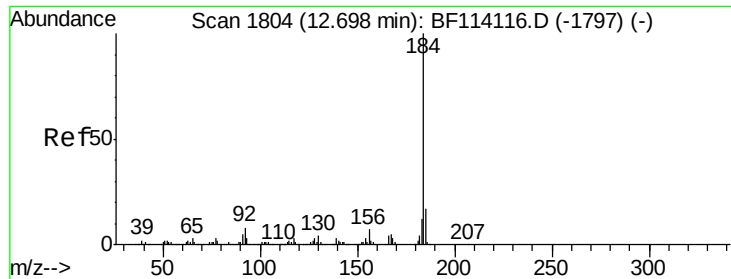
Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Tgt Ion:	240	Resp:	569449
Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	25.3	20.8	31.2





#77

Benzidine

Concen: 1.758 ng/mL

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:184 Resp: 44934

Ion Ratio Lower Upper

184 100

185 32.3 13.6 20.4#

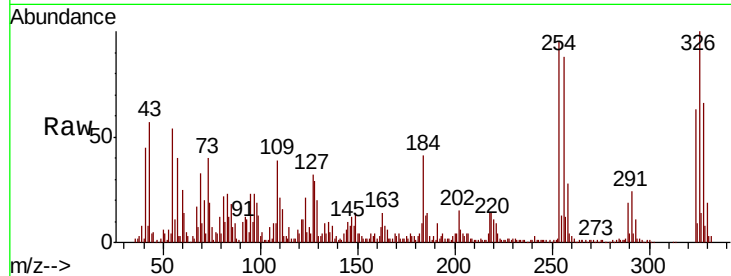
183 22.4 9.2 13.8#

Manual Integrations

APPROVED

Sohil

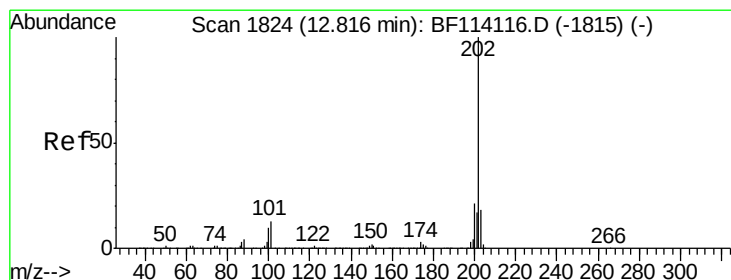
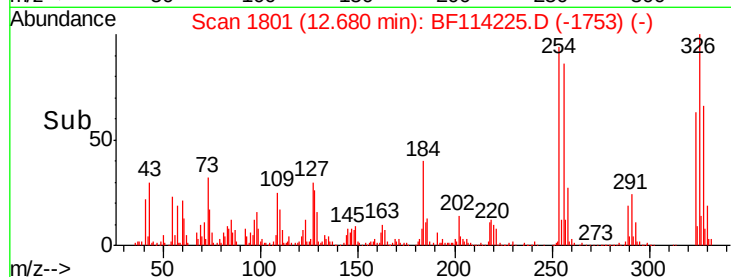
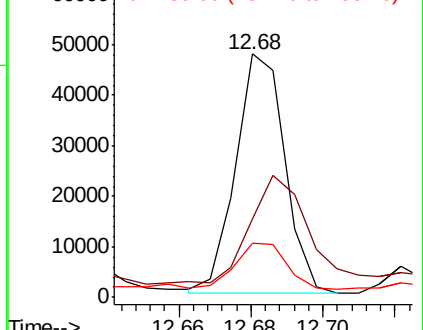
5/14/2019 8:03:06 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.897 ng/mL

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

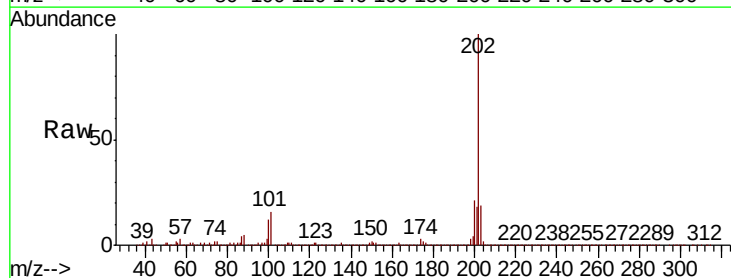
Tgt Ion:202 Resp: 2056703

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

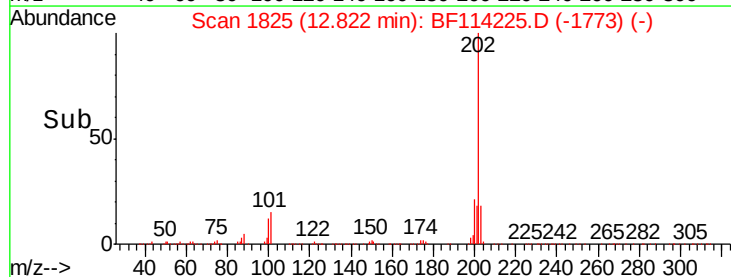
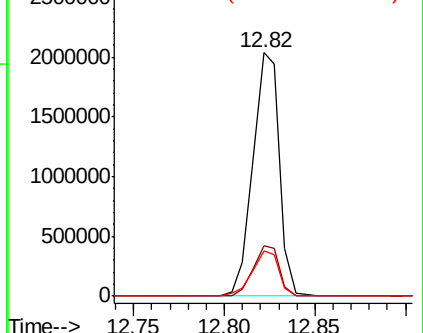
203 18.6 14.5 21.7

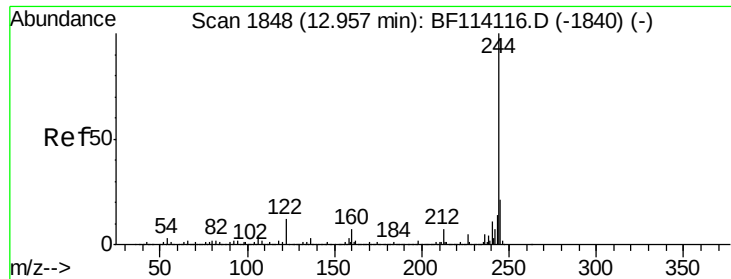


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.759 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:244 Resp: 2175627

Ion Ratio Lower Upper

244 100

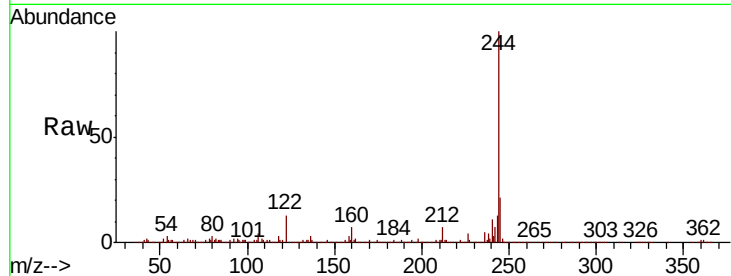
212 7.1 5.8 8.6

122 13.2 9.4 14.2

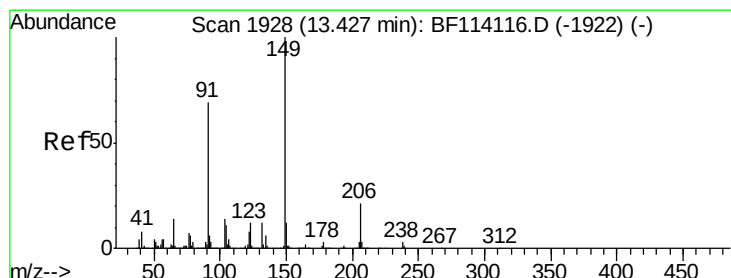
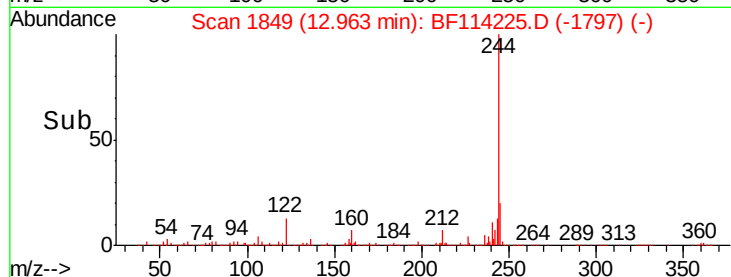
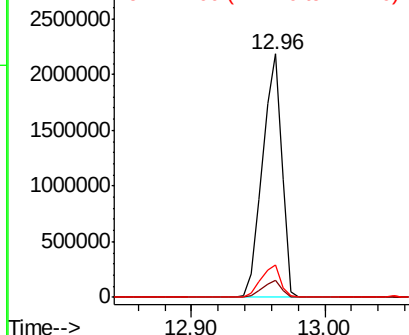
Manual Integrations
APPROVED

Sohil

5/14/2019 8:03:06 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.871 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

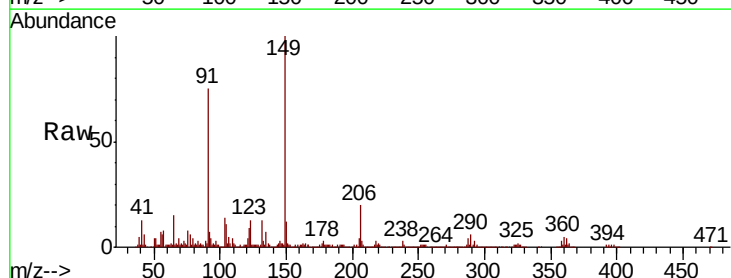
Tgt Ion:149 Resp: 826630

Ion Ratio Lower Upper

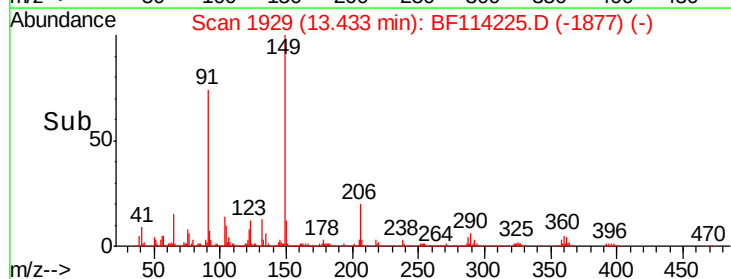
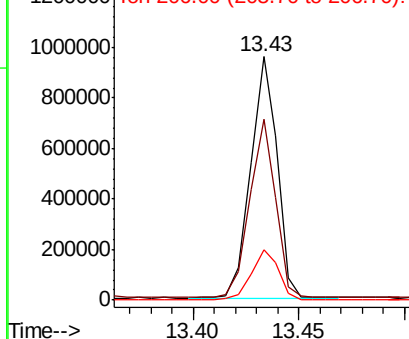
149 100

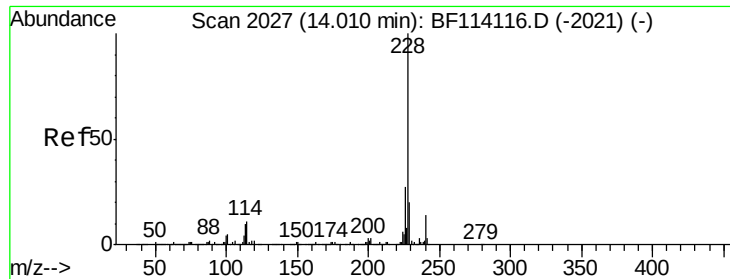
91 74.5 55.0 82.4

206 20.5 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





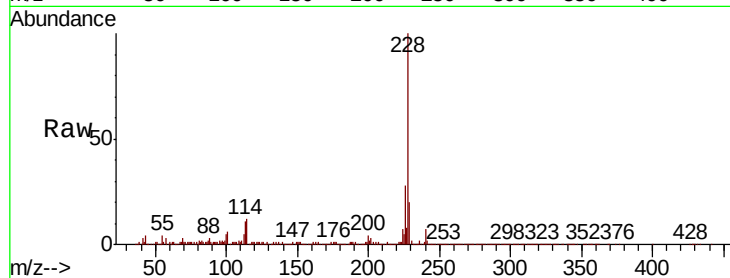
#81
Benzo(a)anthracene
Concen: 43.111 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.1	16.4	24.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM

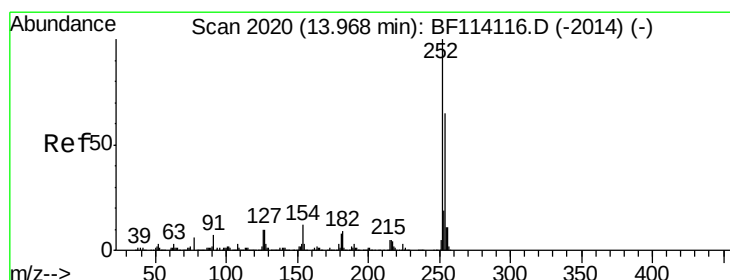
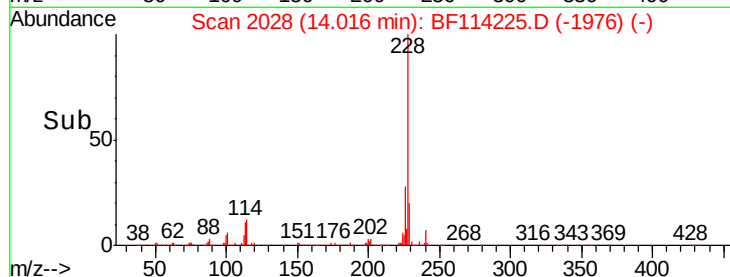
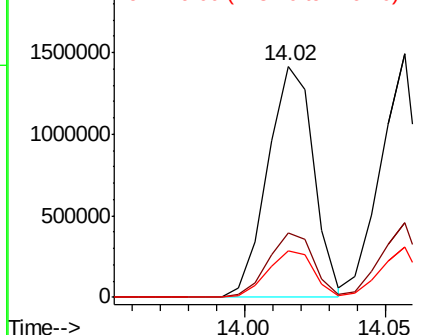


Abundance

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: 0.546 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.03 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

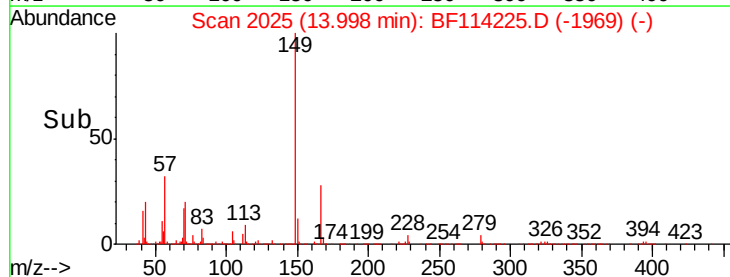
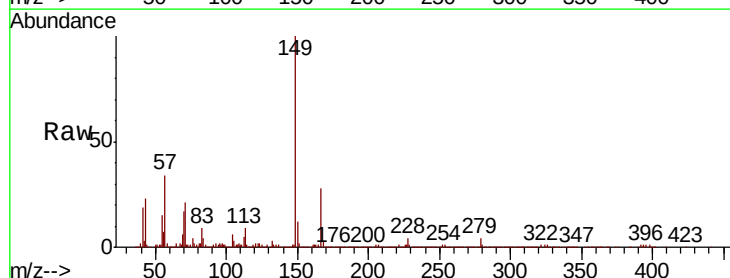
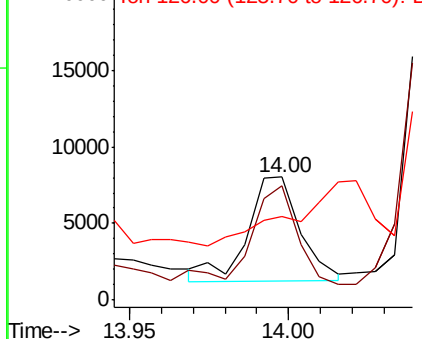
Tgt Ion	Ratio	Lower	Upper
252	100		
254	93.6	51.9	77.9#
126	68.6	7.9	11.9#

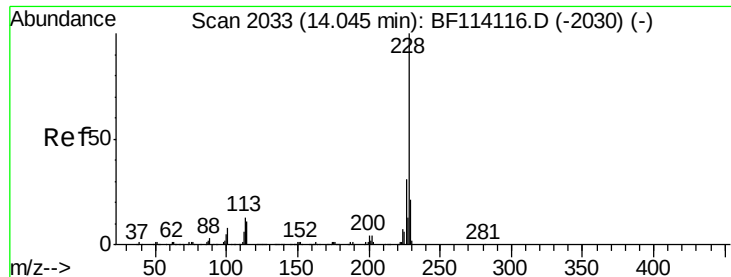
Abundance

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





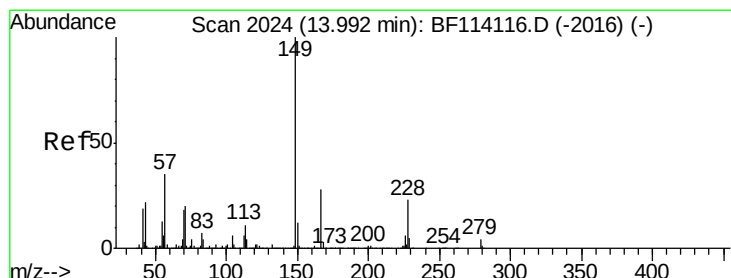
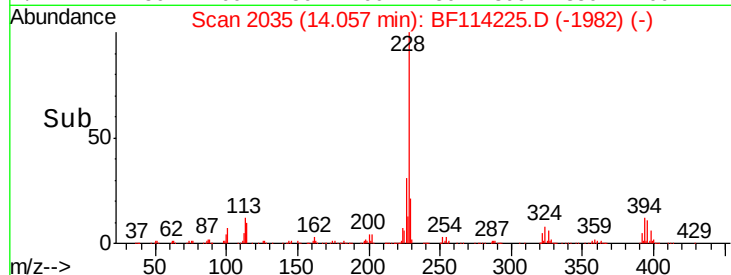
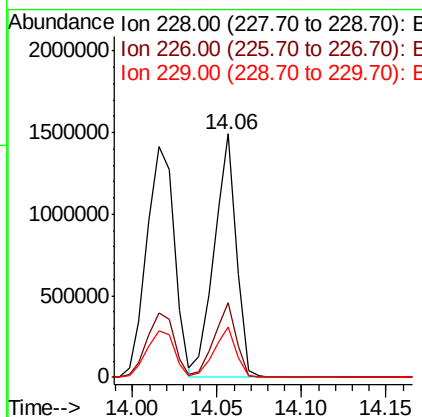
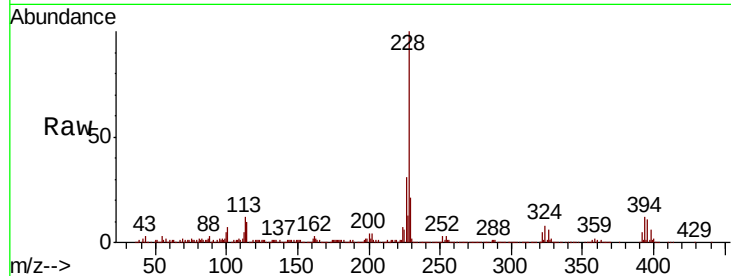
#83
 Chrysene
 Concen: 37.711 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.9	17.0	25.6

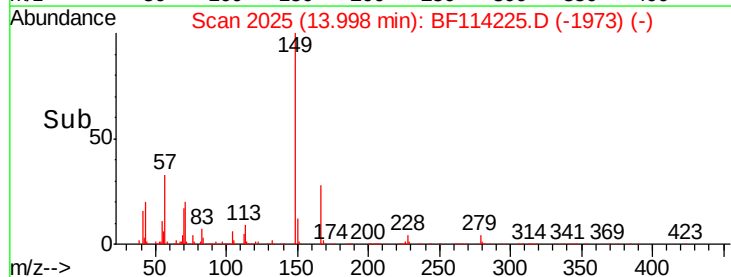
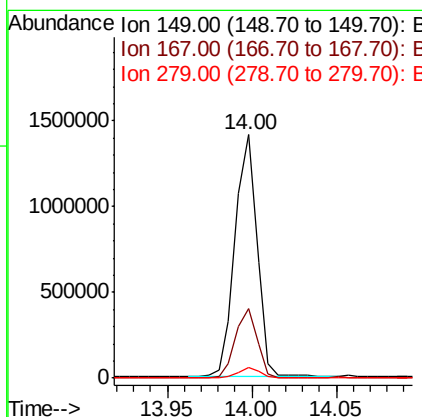
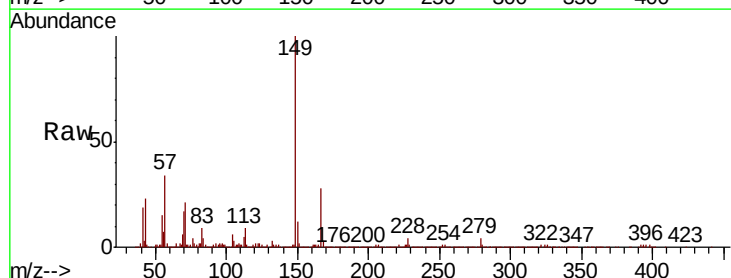
Manual Integrations
 APPROVED

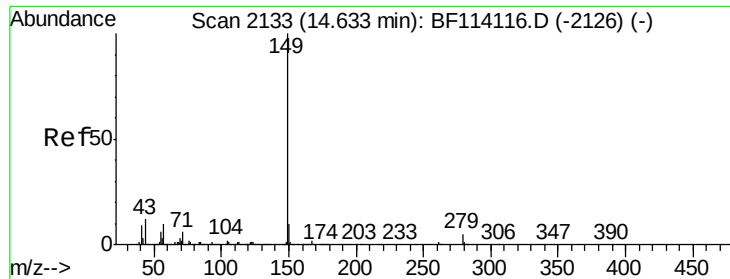
Sohil
 5/14/2019 8:03:06 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.158 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF114225.D
 Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 50.658 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:149 Resp: 2070863

Ion Ratio Lower Upper

149 100

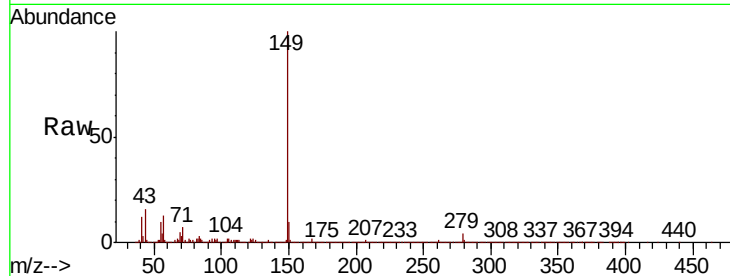
167 1.6 1.3 1.9

43 12.9 10.1 15.1

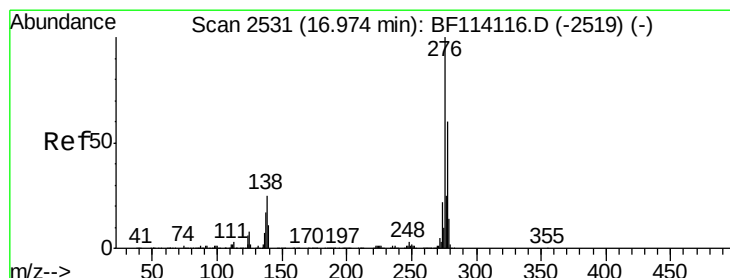
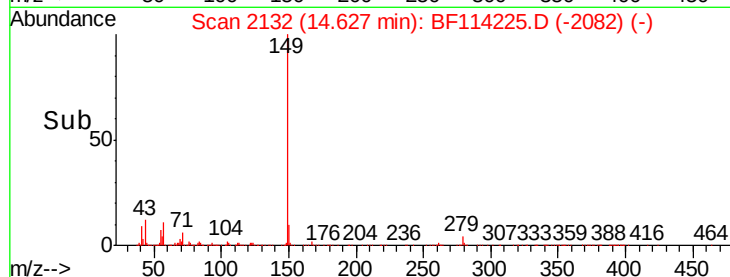
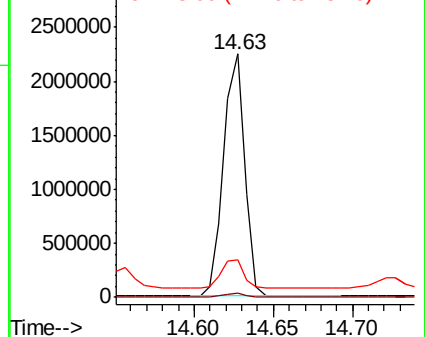
Manual Integrations
APPROVED

Sohil

5/14/2019 8:03:06 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: 45.655 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.04 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

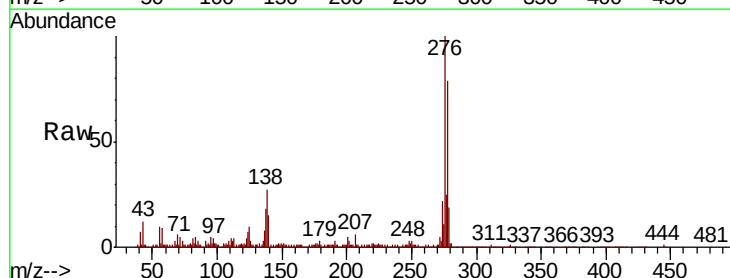
Tgt Ion:276 Resp: 1456815

Ion Ratio Lower Upper

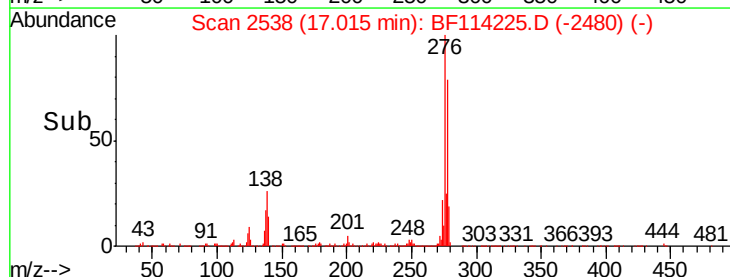
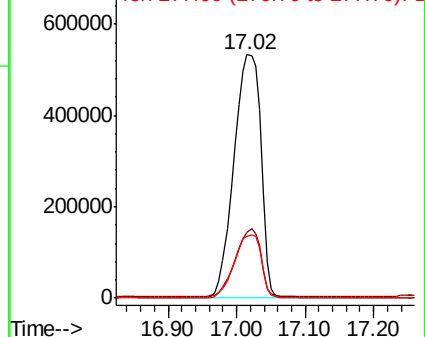
276 100

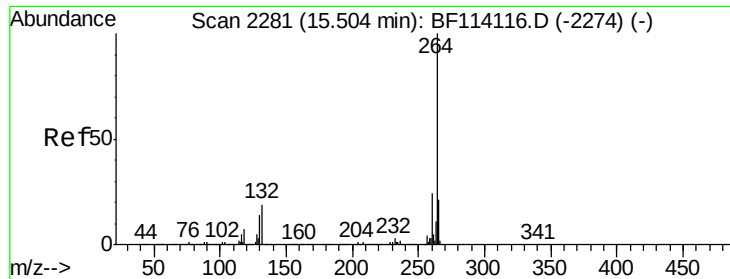
138 26.3 20.2 30.2

277 25.6 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: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

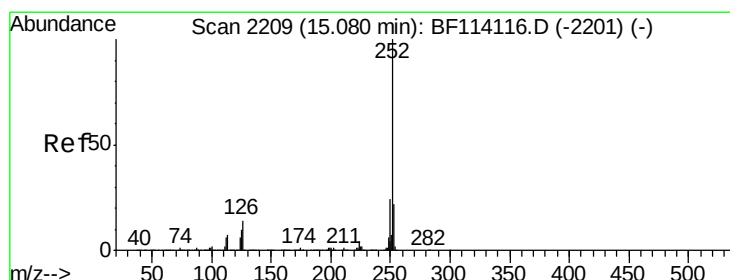
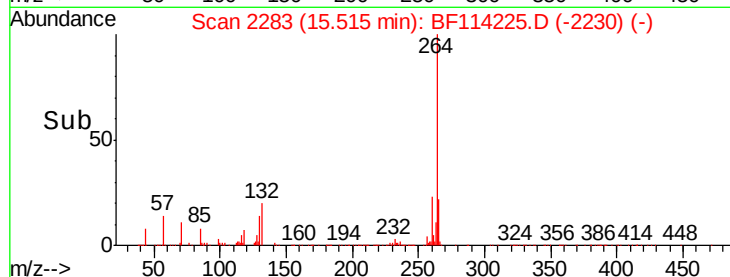
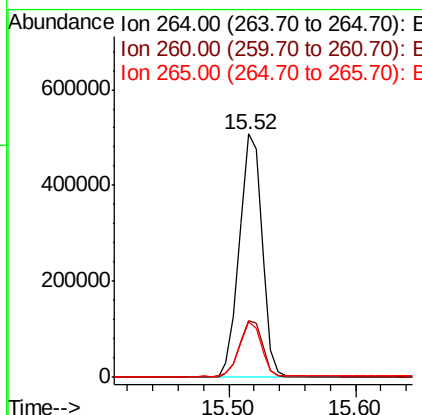
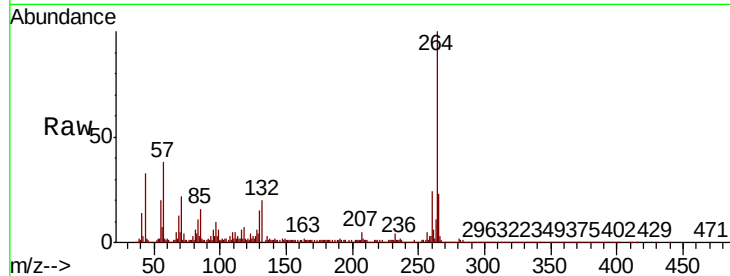
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.8	16.9	25.3

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:06 PM



#88

Benzo(b)fluoranthene

Concen: 43.242 ng

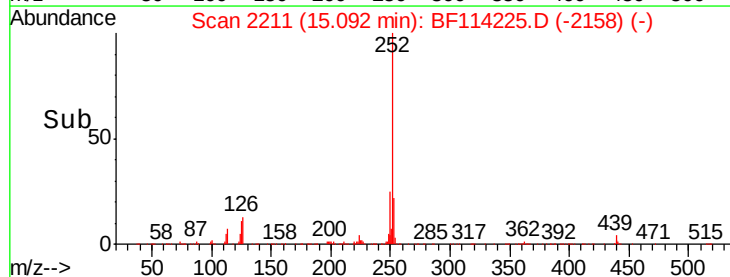
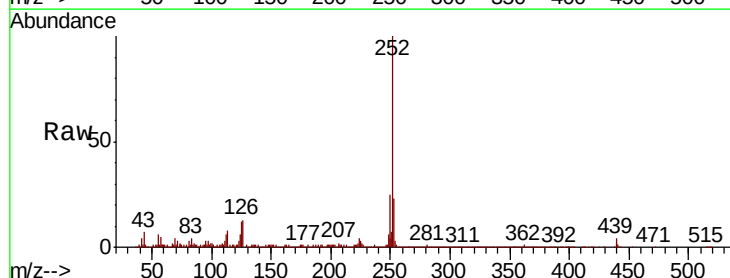
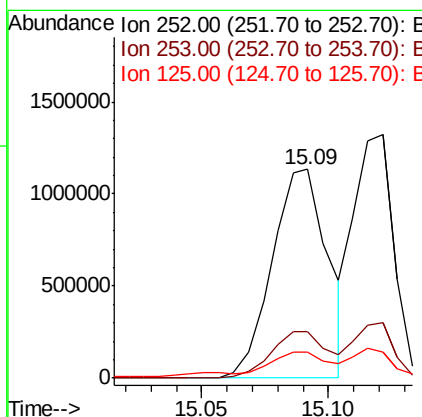
RT: 15.09 min Scan# 2211

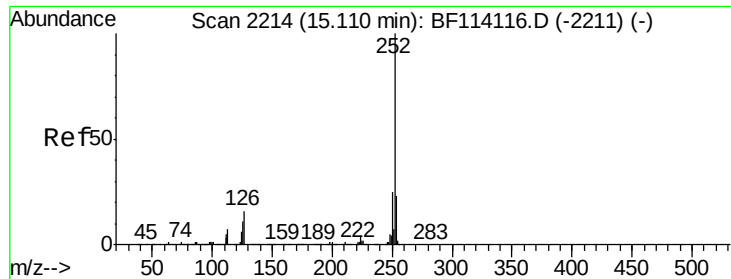
Delta R.T. 0.01 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.2	8.3	12.5





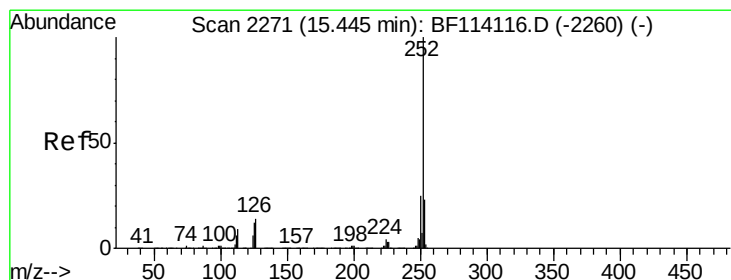
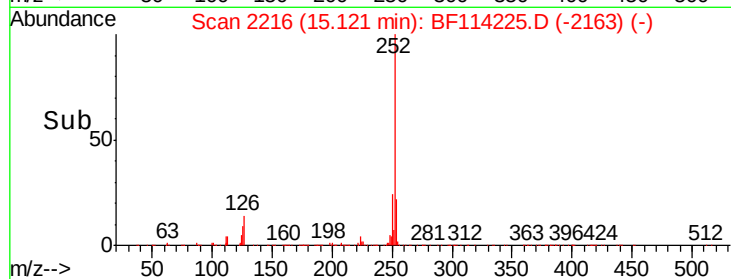
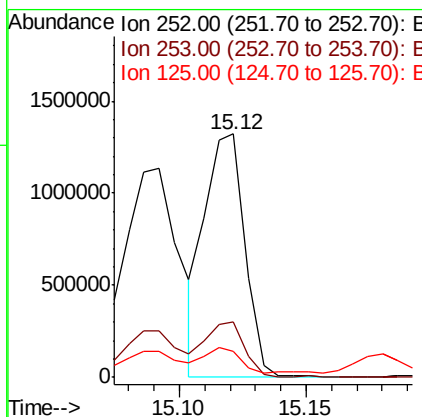
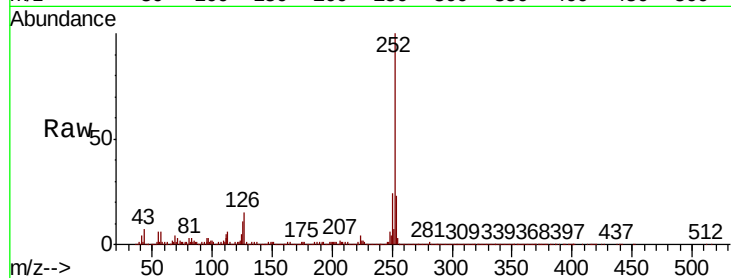
#89
Benzo(k)fluoranthene
Concen: 39.108 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.6	8.6	13.0

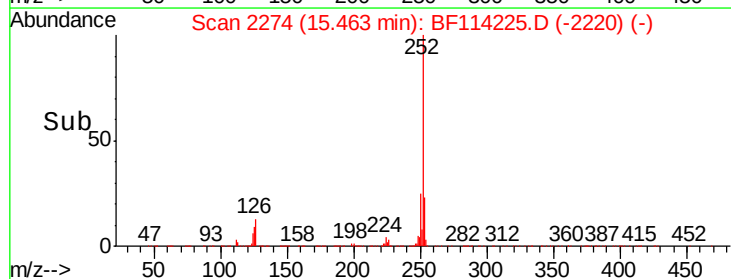
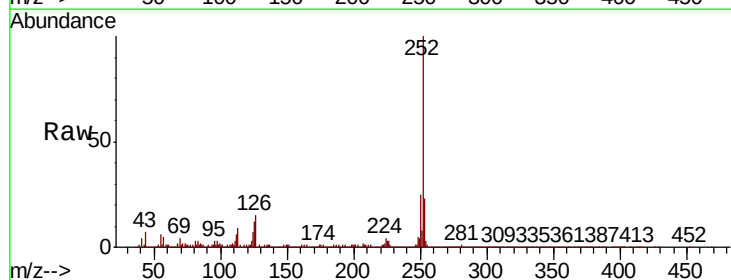
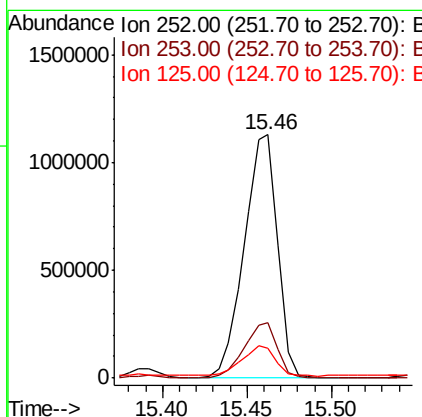
Manual Integrations
APPROVED

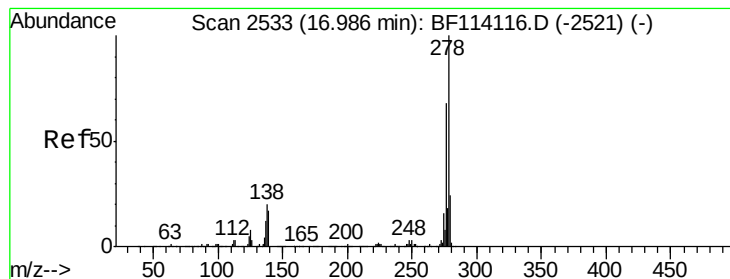
Sohil
5/14/2019 8:03:06 PM



#90
Benzo(a)pyrene
Concen: 43.902 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF114225.D
Acq: 13 May 2019 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.2	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 41.498 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.04 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:278 Resp: 1214736

Ion Ratio Lower Upper

278 100

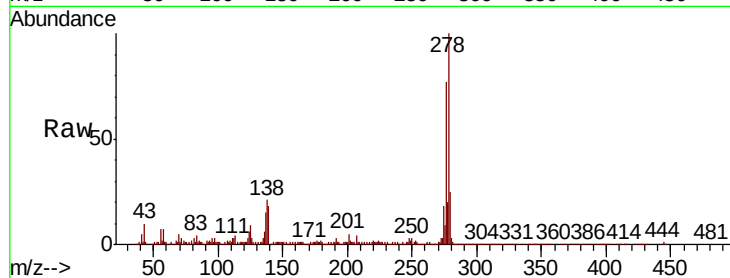
139 18.1 13.5 20.3

279 24.7 19.0 28.6

Manual Integrations
APPROVED

Sohil

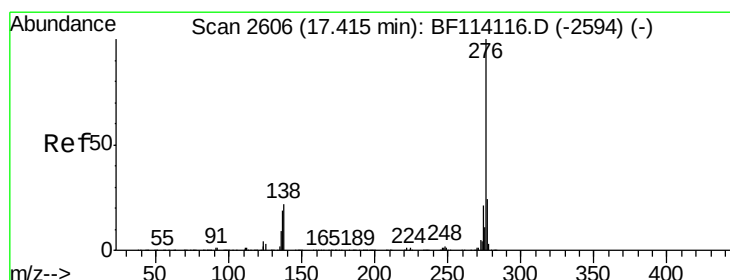
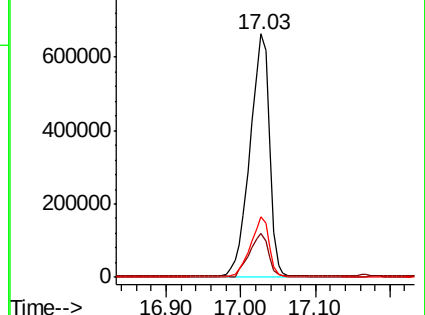
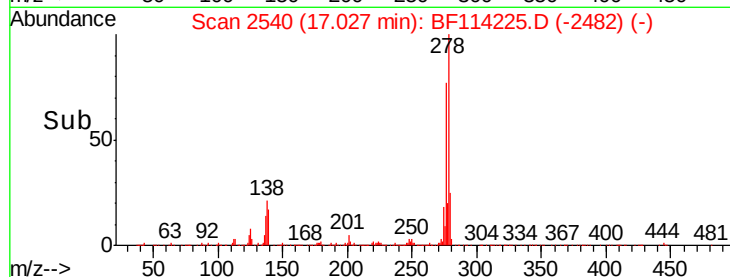
5/14/2019 8:03:06 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.485 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.05 min

Lab File: BF114225.D

Acq: 13 May 2019 13:39

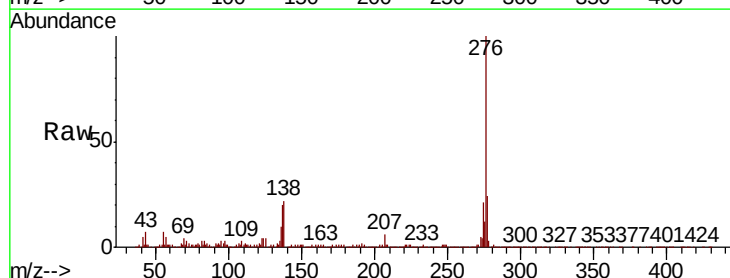
Tgt Ion:276 Resp: 1187630

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 22.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

