

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114258.D
 Acq On : 14 May 2019 17:33
 Operator : JU/SJ
 Sample : K2766-13MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: May 15 02:04:12 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	234949	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	860585	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	366379	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	626917	20.00	ng	0.01
76) Chrysene-d12	14.03	240	488416	20.00	ng	0.01
87) Perylene-d12	15.53	264	488281	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1597433	109.41	ng	0.02
7) Phenol-d6	6.52	99	2059300	119.26	ng	0.02
23) Nitrobenzene-d5	7.42	82	1326232	86.49	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	384215	101.44	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1972817	81.45	ng	0.00
79) Terphenyl-d14	12.96	244	1664016	70.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	262755	32.743	ng	98
3) Pyridine	3.45	79	135482	6.128	ng	97
4) n-Nitrosodimethylamine	3.35	42	385865	36.190	ng	# 90
8) 2-Chlorophenol	6.66	128	645442	41.411	ng	91
9) Benzaldehyde	6.40	77	224272	18.552	ng	98
10) Phenol	6.53	94	783206	38.557	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	656132	42.547	ng	99
12) 1,3-Dichlorobenzene	6.80	146	656602	37.530	ng	98
13) 1,4-Dichlorobenzene	6.87	146	668557	37.922	ng	98
14) 1,2-Dichlorobenzene	7.03	146	616906	38.301	ng	98
15) Benzyl Alcohol	7.00	79	523294	38.856	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1145701	38.316	ng	52
17) 2-Methylphenol	7.13	107	481383	37.598	ng	# 88
18) Hexachloroethane	7.37	117	233936	35.351	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	451638	41.264	ng	96
20) 3+4-Methylphenols	7.28	107	629784	42.574	ng	# 57
22) Acetophenone	7.26	105	878482	46.079	ng	# 89
24) Nitrobenzene	7.44	77	698222	44.705	ng	100
25) Isophorone	7.68	82	1217532	42.811	ng	100
26) 2-Nitrophenol	7.76	139	353485	46.649	ng	100
27) 2,4-Dimethylphenol	7.80	122	504948	42.428	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	806937	43.730	ng	98
29) 2,4-Dichlorophenol	8.01	162	509837	43.022	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	550332	40.839	ng	99
31) Naphthalene	8.16	128	1714703	42.655	ng	99
32) Benzoic acid	7.93	122	270546	34.239	ng	97
34) Hexachlorobutadiene	8.27	225	298750	38.963	ng	99
35) Caprolactam	8.59	113	114371	29.598	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	494870	41.485	ng	99
37) 2-Methylnaphthalene	8.85	142	1115891	43.024	ng	97
38) 1-Methylnaphthalene	8.95	142	1047904	42.903	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	512860	46.210	ng	100
41) Hexachlorocyclopentadiene	9.00	237	135618	29.135	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	326686	42.795	ng	99

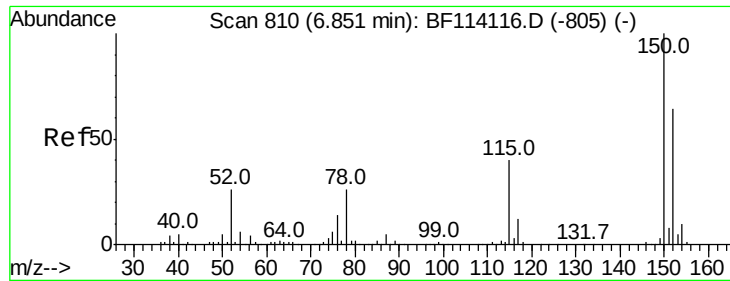
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.19	196	336172	42.940	nq	98
46) 1,1'-Biphenyl	9.32	154	1344759	45.433	nq	98
47) 2-Chloronaphthalene	9.34	162	1004779	42.181	nq	99
48) 2-Nitroaniline	9.44	65	345663	40.917	nq	100
49) Acenaphthylene	9.76	152	1526823	42.143	nq	98
50) Dimethylphthalate	9.61	163	1464643	54.456	nq	98
51) 2,6-Dinitrotoluene	9.68	165	259466	43.495	nq	# 85
52) Acenaphthene	9.93	154	886032	39.854	nq	98
53) 3-Nitroaniline	9.85	138	53601	7.238	nq	100
54) 2,4-Dinitrophenol	9.96	184	132234	47.112	nq	94
55) Dibenzofuran	10.10	168	1299306	39.856	nq	99
56) 4-Nitrophenol	10.03	139	329086	62.840	nq	93
57) 2,4-Dinitrotoluene	10.09	165	313334	38.698	nq	95
58) Fluorene	10.44	166	996789	39.586	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	254171	37.627	nq	100
60) Diethylphthalate	10.31	149	1072895	39.260	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	499616	40.398	nq	97
62) 4-Nitroaniline	10.46	138	84003	10.795	nq	97
63) Azobenzene	10.59	77	1042923	39.427	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	91891	30.504	nq	89
66) n-Nitrosodiphenylamine	10.55	169	854356	44.902	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	294689	42.692	nq	96
68) Hexachlorobenzene	11.00	284	331030	43.350	nq	95
69) Atrazine	11.08	200	224200	37.864	nq	98
70) Pentachlorophenol	11.19	266	275909	76.221	nq	98
71) Phenanthrene	11.40	178	1355183	44.432	nq	99
72) Anthracene	11.46	178	1336909	43.640	nq	99
73) Carbazole	11.61	167	1230229	42.112	nq	99
74) Di-n-butylphthalate	11.93	149	1505555	44.734	nq	99
75) Fluoranthene	12.60	202	1527909	46.519	nq	99
78) Pyrene	12.83	202	1609681	40.969	nq	99
80) Butylbenzylphthalate	13.43	149	660539	39.941	nq	96
81) Benzo(a)anthracene	14.02	228	1379648	43.673	nq	99
83) Chrysene	14.06	228	1227542	39.640	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	997044	46.097	nq	99
85) Di-n-octyl phthalate	14.63	149	1754286	50.033	nq	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1126944	41.177	nq	99
88) Benzo(b)fluoranthene	15.10	252	1442056	46.098	nq	99
89) Benzo(k)fluoranthene	15.13	252	1246335	43.372	nq	99
90) Benzo(a)pyrene	15.47	252	1252164	45.482	nq	99
91) Dibenzo(a,h)anthracene	17.04	278	950757	41.560	nq	98
92) Benzo(g,h,i)perylene	17.49	276	940959	41.043	nq	98

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

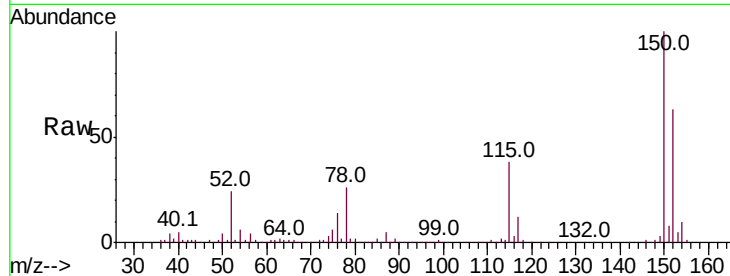


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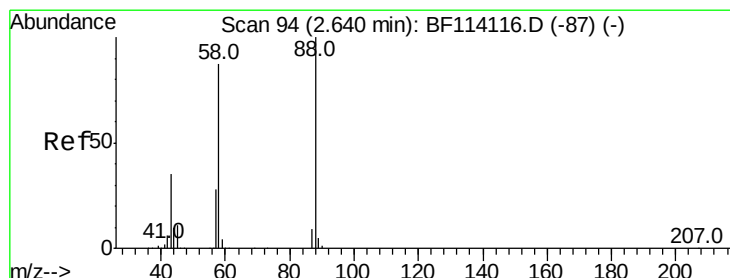
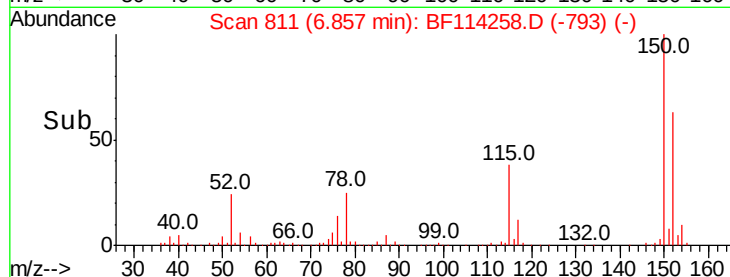
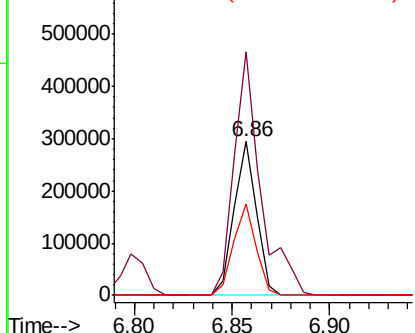
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

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

Tot Ion:152 Resp: 234949
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 59.6 49.1 73.7



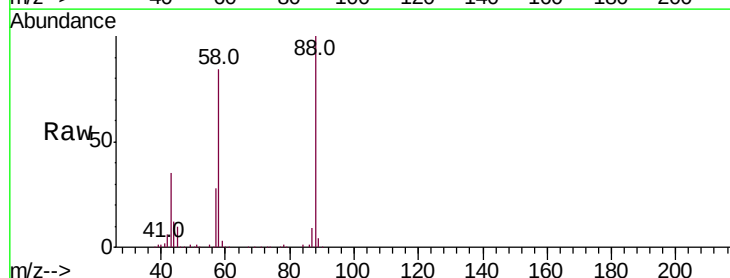
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



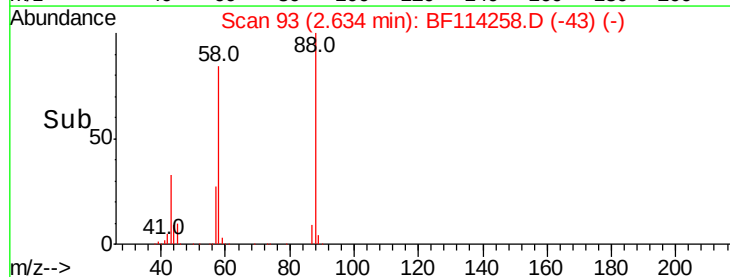
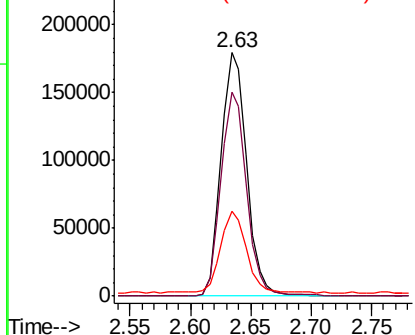
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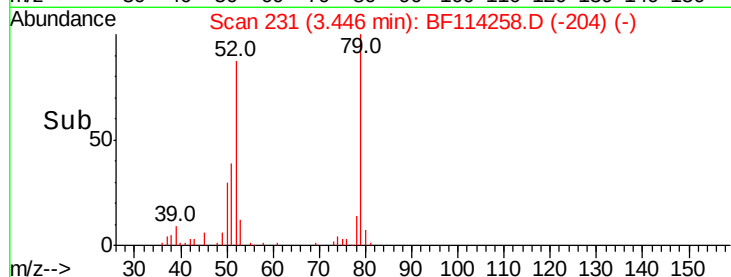
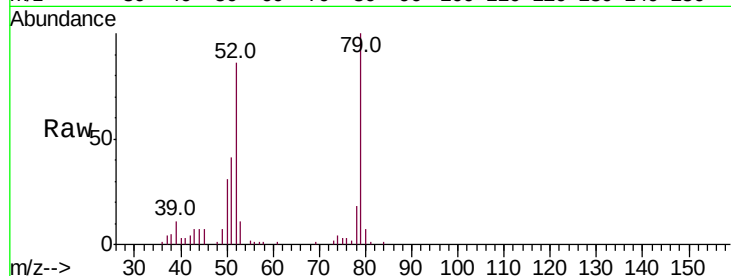
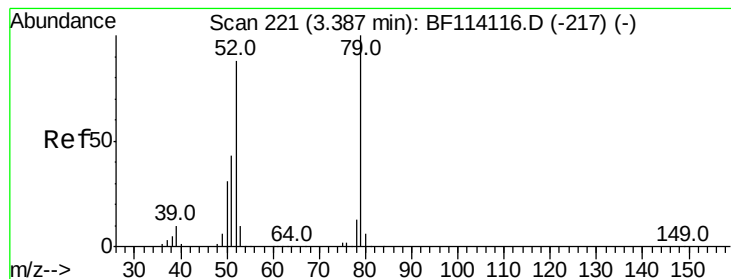
1,4-Dioxane
Concen: 32.743 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion: 88 Resp: 262755
Ion Ratio Lower Upper
88 100
58 84.4 68.7 103.1
43 33.4 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.128 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

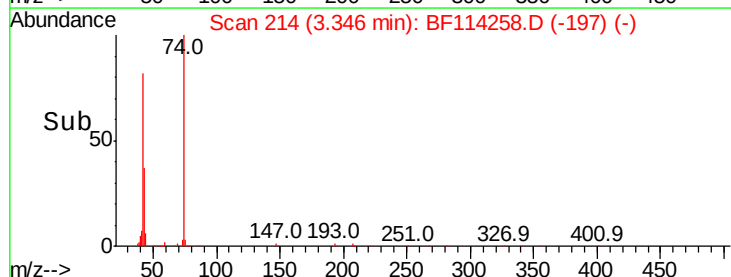
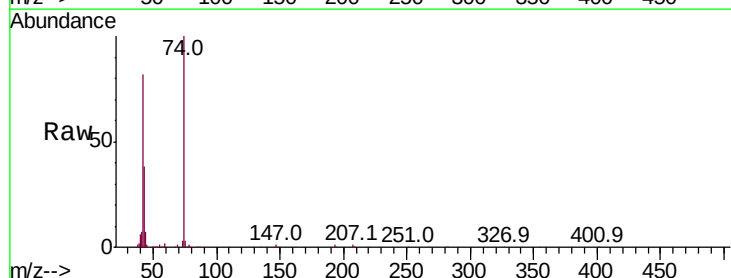
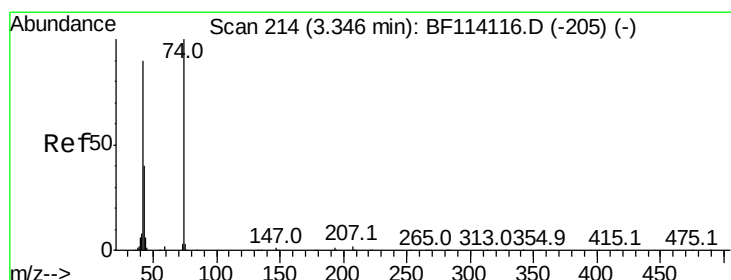
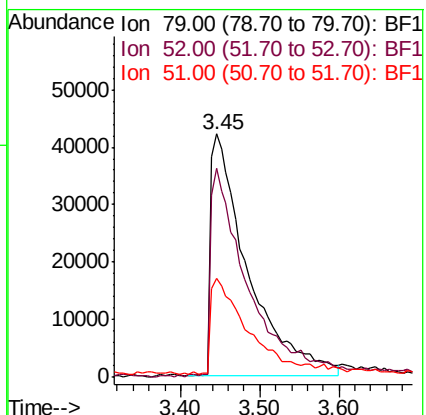
Tot Ion: 79 Resp: 135482

Ion Ratio Lower Upper

79 100

52 86.0 70.6 105.8

51 40.6 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 36.190 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

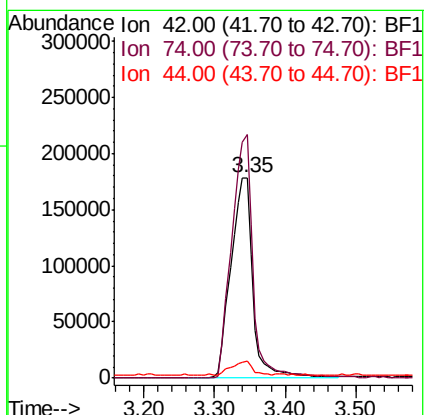
Tgt Ion: 42 Resp: 385865

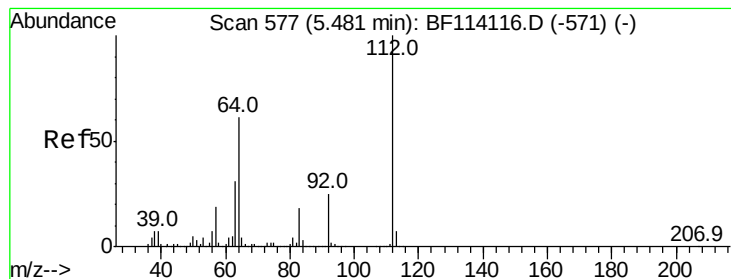
Ion Ratio Lower Upper

42 100

74 121.4 88.6 132.8

44 8.5 5.5 8.3#





#5

2-Fluorophenol

Concen: 109.415 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

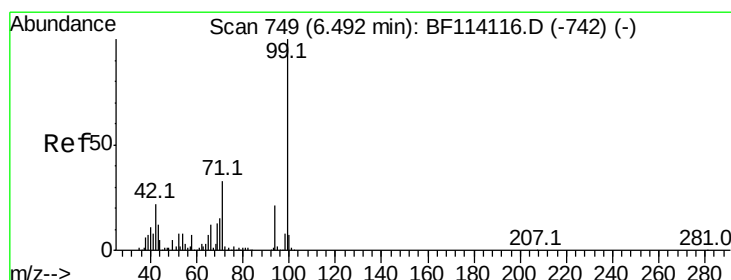
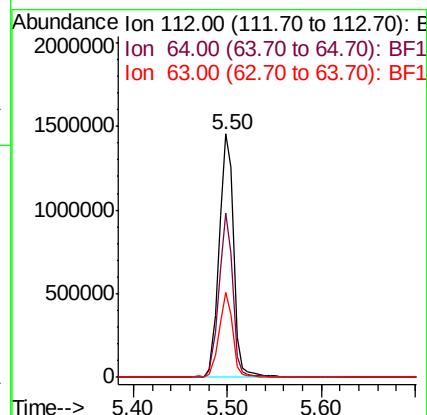
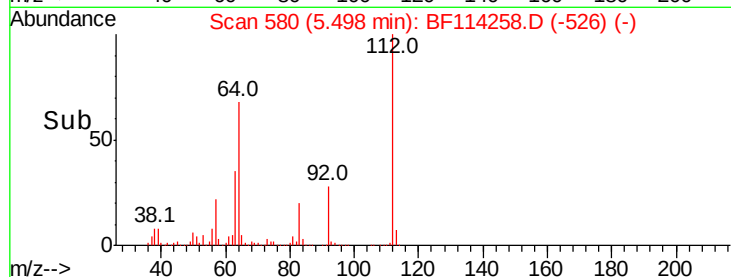
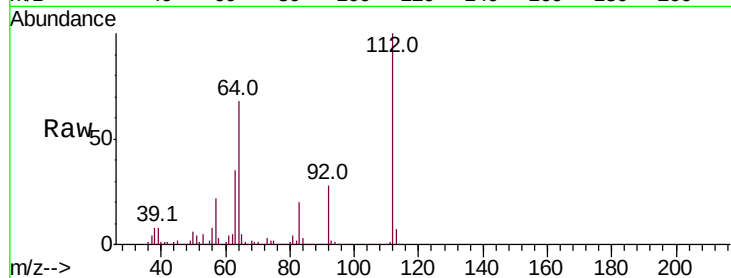
Tot Ion:112 Resp: 1597433

Ion Ratio Lower Upper

112 100

64 67.7 49.0 73.6

63 34.7 24.6 37.0



#7

Phenol-d6

Concen: 119.258 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

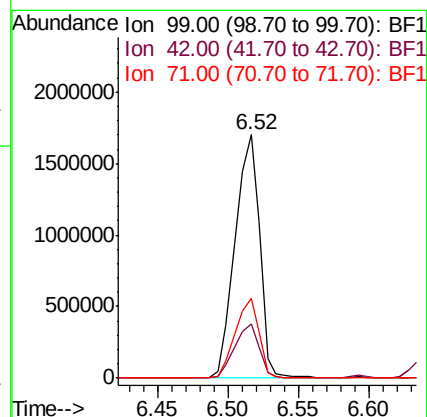
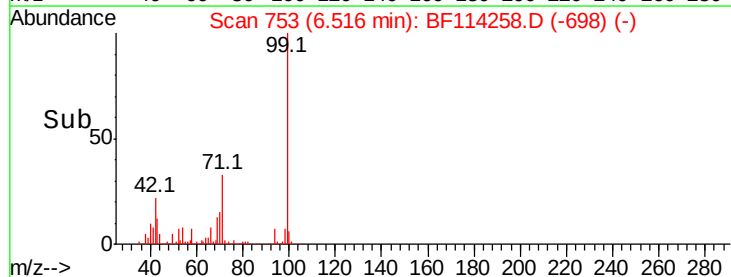
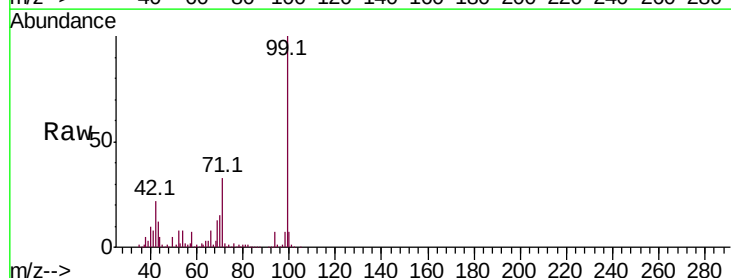
Tgt Ion: 99 Resp: 2059300

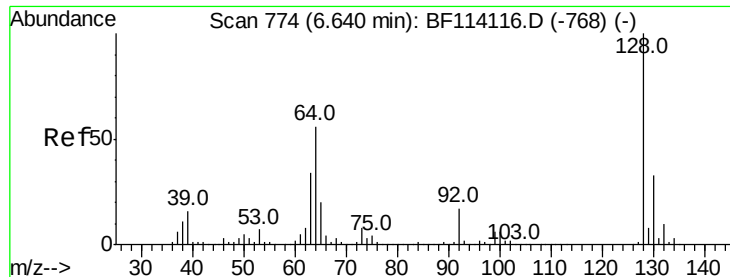
Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 32.6 26.2 39.2





#8

2-Chlorophenol

Concen: 41.411 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

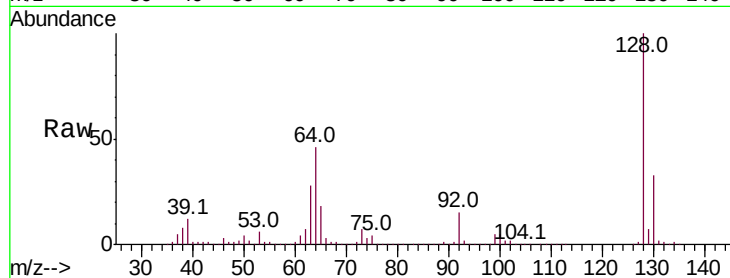
Tot Ion:128 Resp: 645442

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

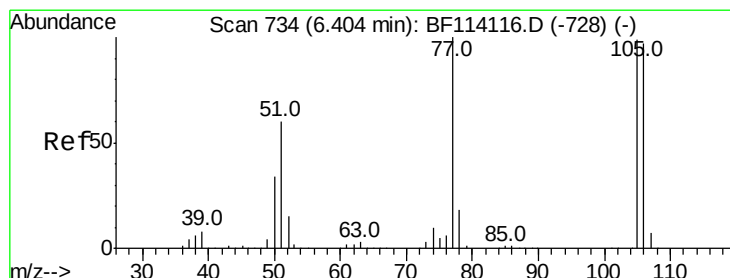
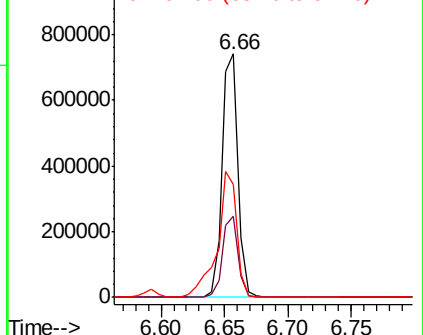
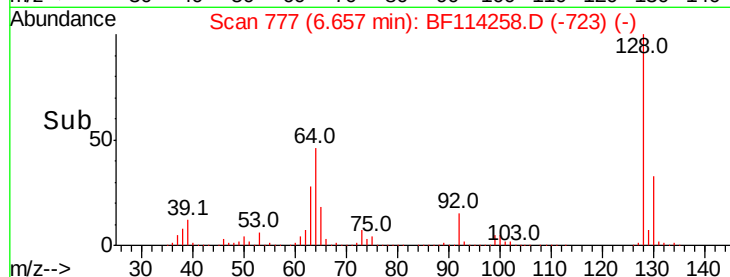
64 46.5 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 18.552 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

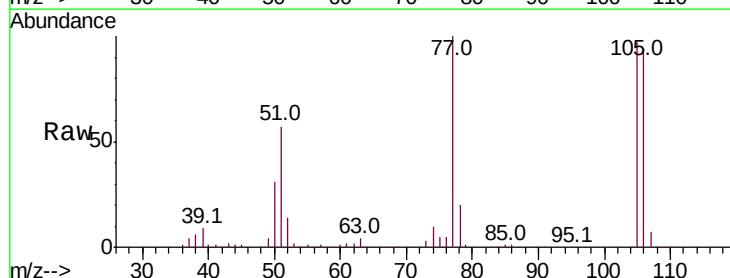
Tgt Ion: 77 Resp: 224272

Ion Ratio Lower Upper

77 100

105 97.4 79.3 119.3

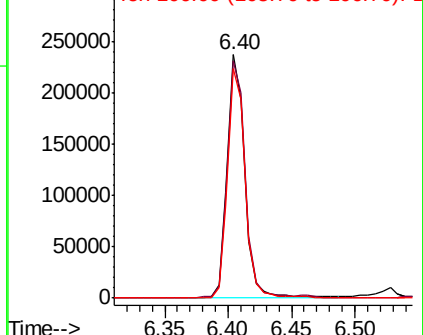
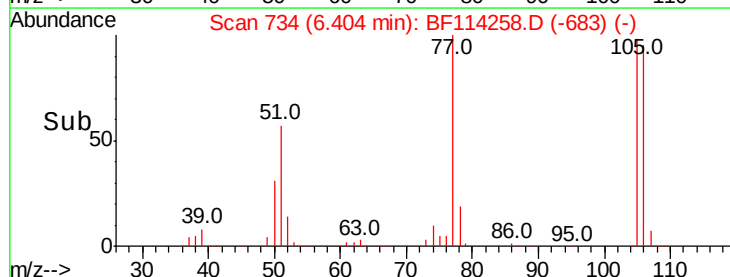
106 94.2 77.0 117.0

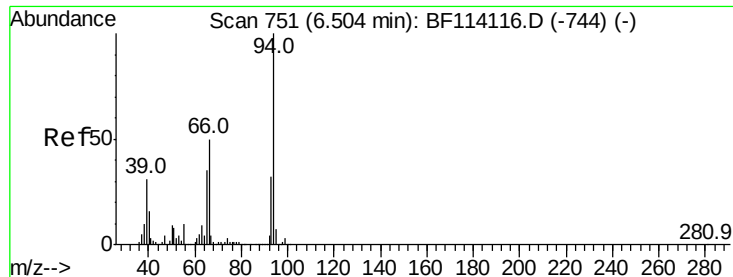


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 38.557 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

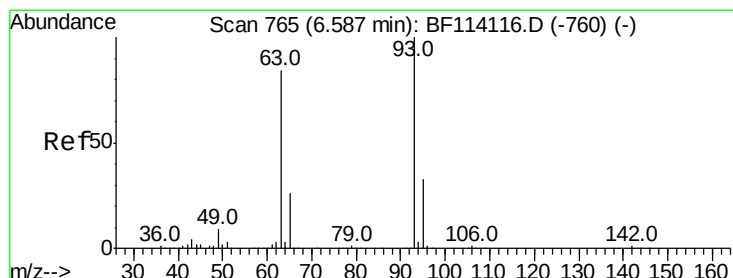
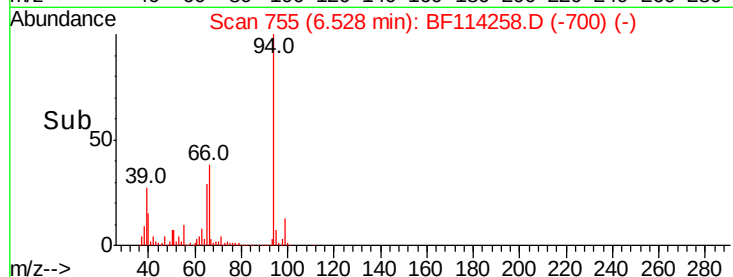
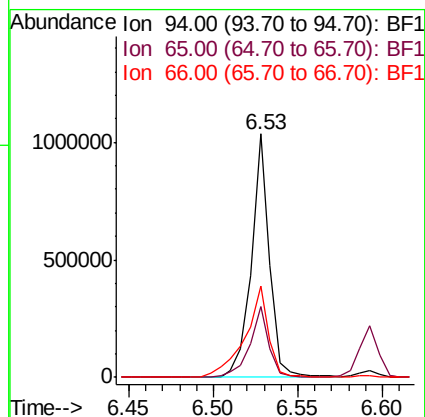
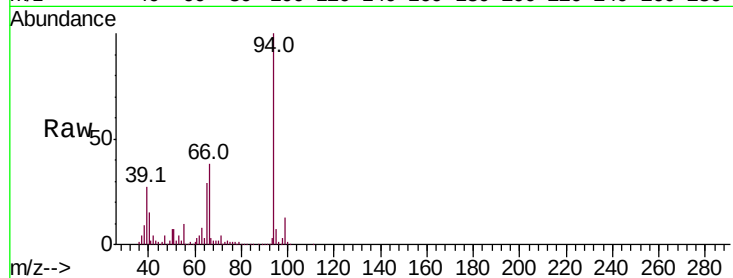
Tot Ion: 94 Resp: 783206

Ion Ratio Lower Upper

94 100

65 29.1 14.7 54.7

66 37.5 29.6 69.6



#11

bis(2-Chloroethyl)ether

Concen: 42.547 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

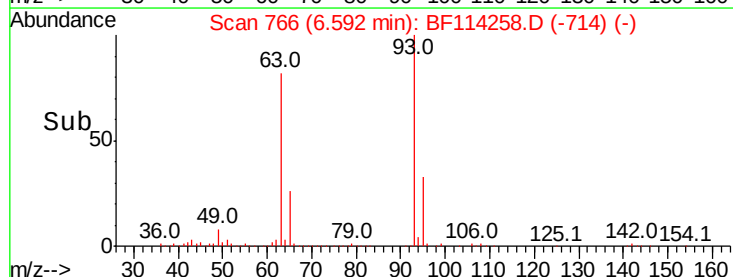
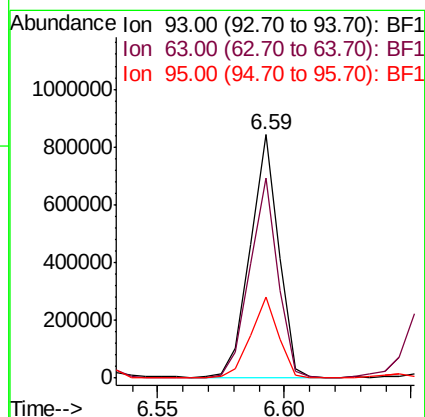
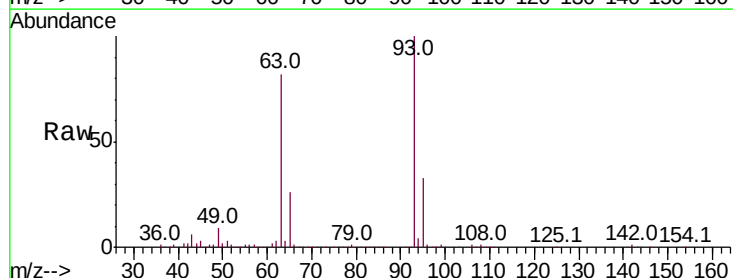
Tgt Ion: 93 Resp: 656132

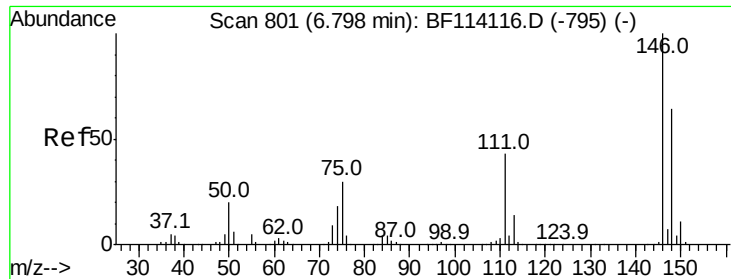
Ion Ratio Lower Upper

93 100

63 82.2 63.6 103.6

95 33.2 13.1 53.1

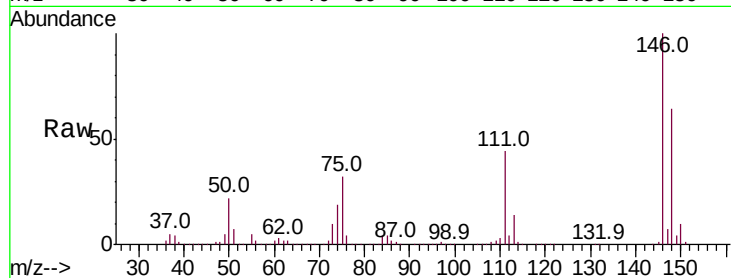




#12
 1,3-Dichlorobenzene
 Concen: 37.530 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
75	32.2	24.2	36.2

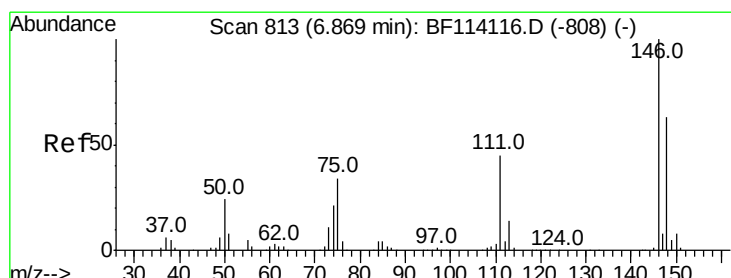
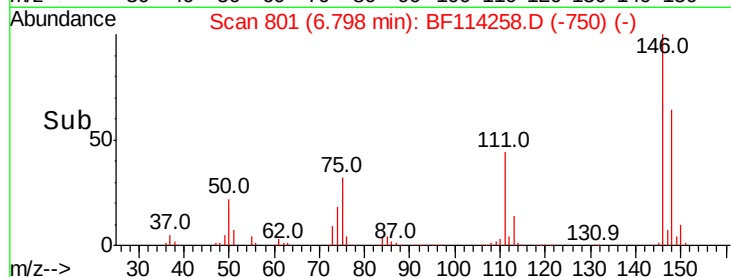
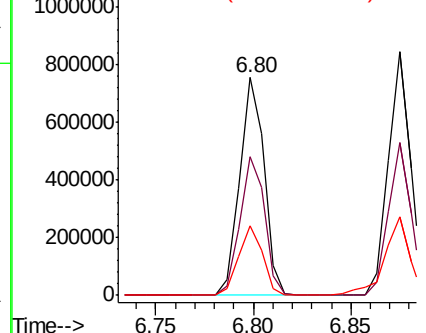


Abundance

Ion 146.00 (145.70 to 146.70): E

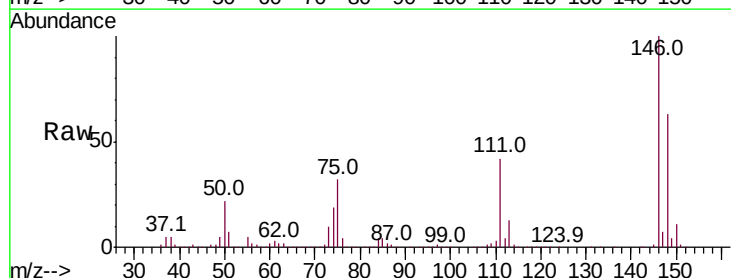
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13
 1,4-Dichlorobenzene
 Concen: 37.922 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
111	42.1	35.8	53.6

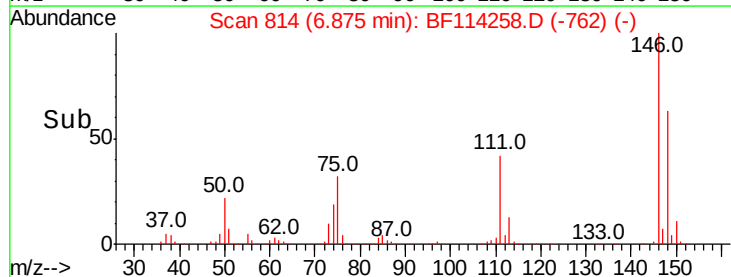
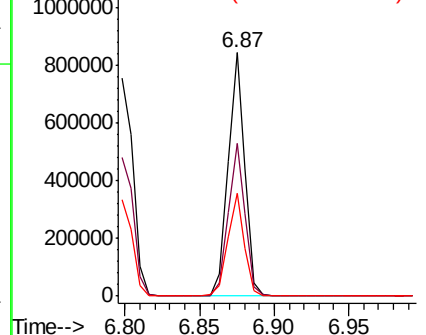


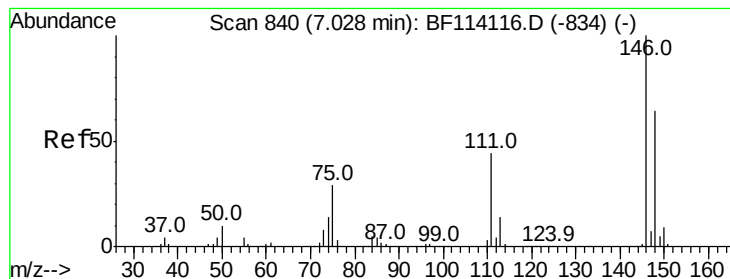
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 38.301 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

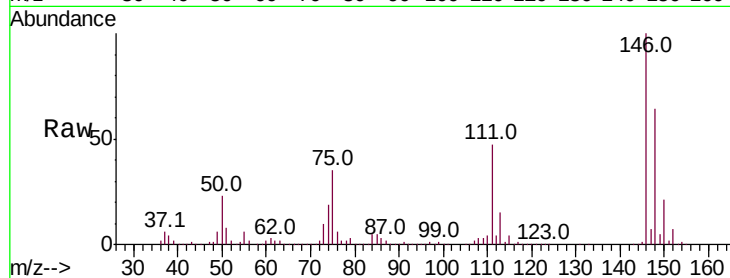
Tot Ion:146 Resp: 616906

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

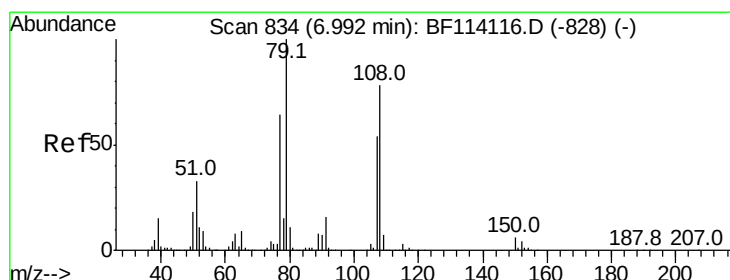
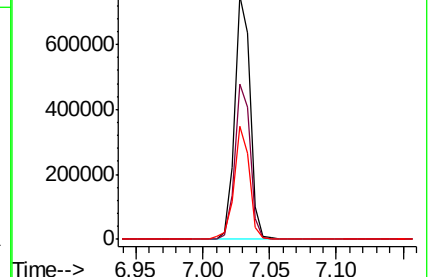
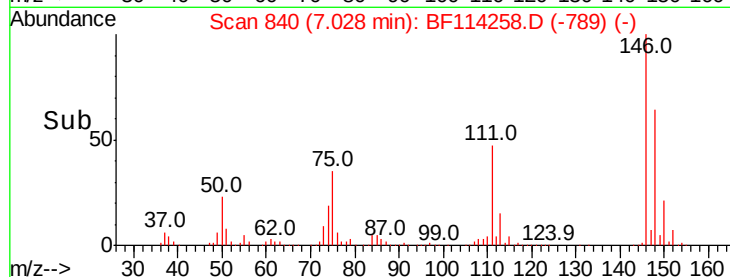
111 46.7 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 38.856 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

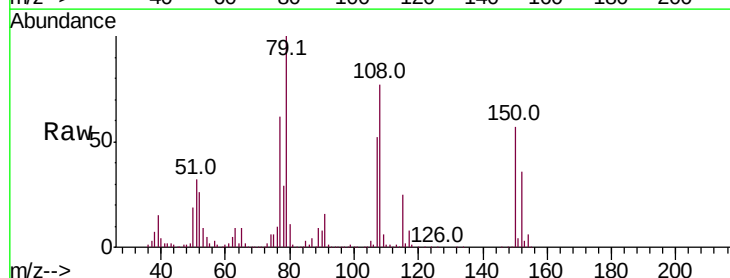
Tgt Ion: 79 Resp: 523294

Ion Ratio Lower Upper

79 100

108 76.7 62.1 93.1

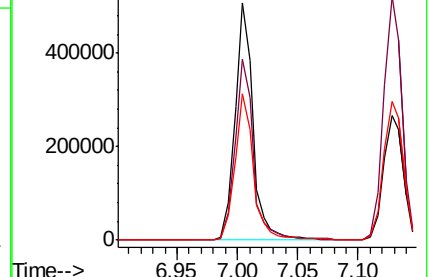
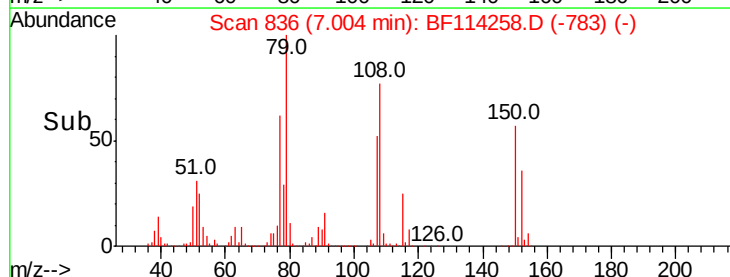
77 62.0 51.0 76.6

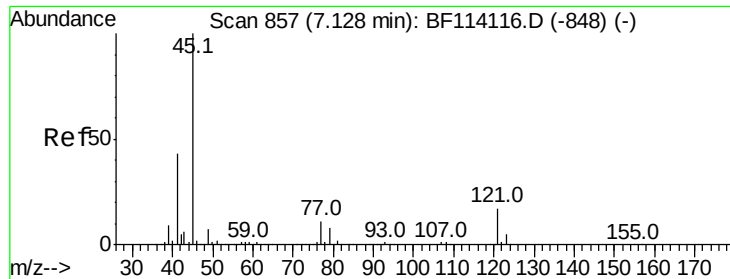


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

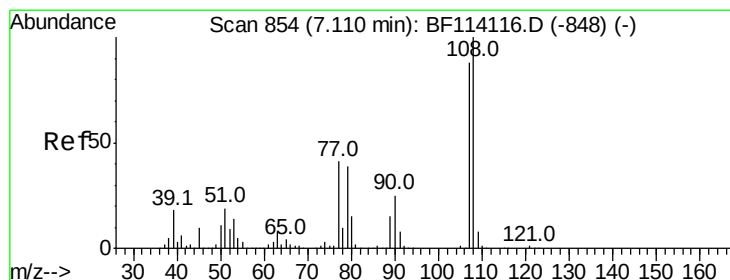
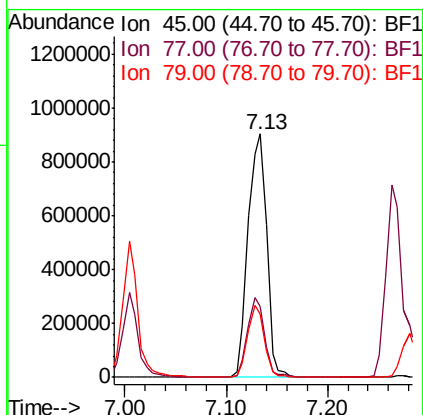
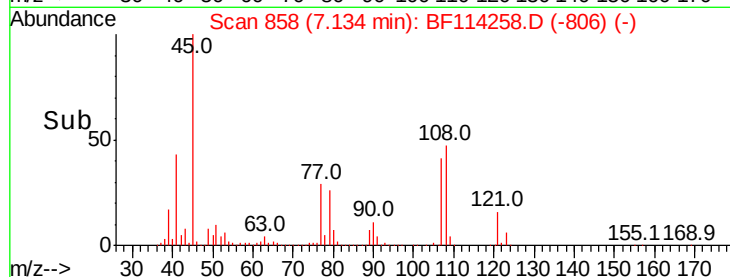
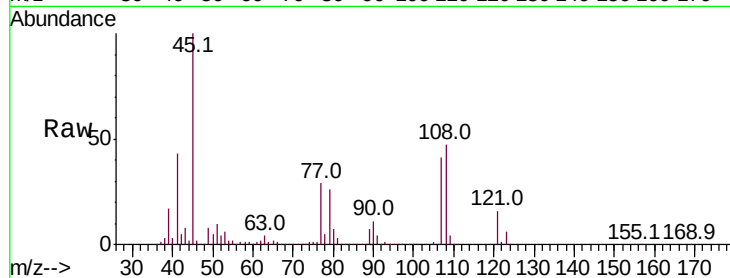




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.316 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

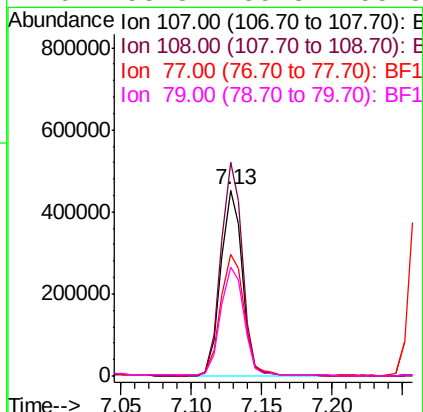
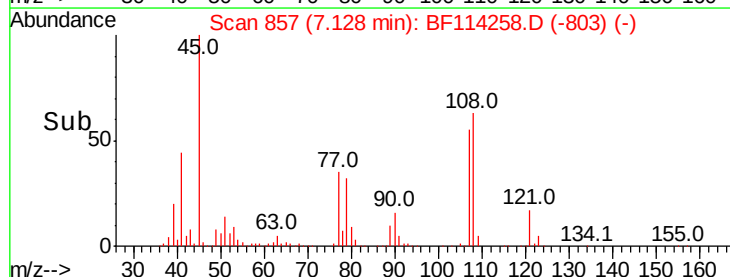
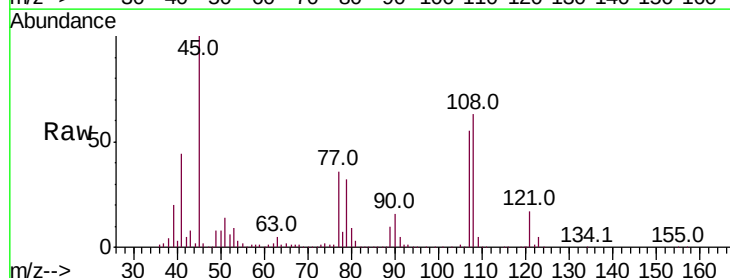
Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

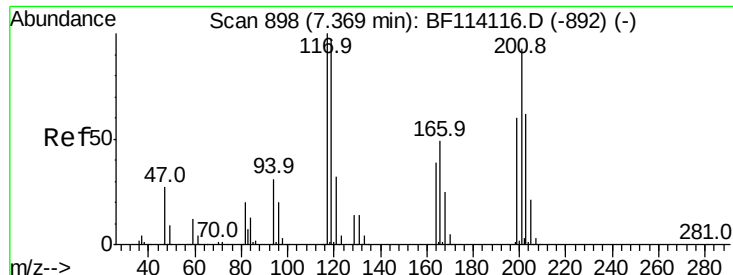
Tot Ion: 45 Resp: 1145701
Ion Ratio Lower Upper
45 100
77 28.8 0.0 31.1
79 26.0 0.0 28.4



#17
2-Methylphenol
Concen: 37.598 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.02 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion: 107 Resp: 481383
Ion Ratio Lower Upper
107 100
108 114.9 90.5 135.7
77 65.2 37.0 55.4#
79 58.8 35.8 53.8#

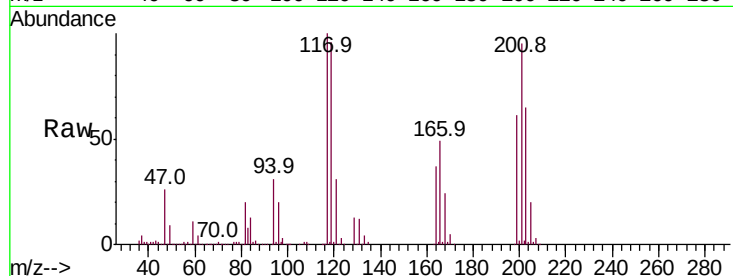




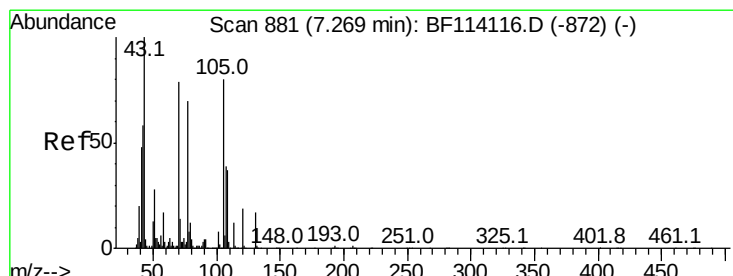
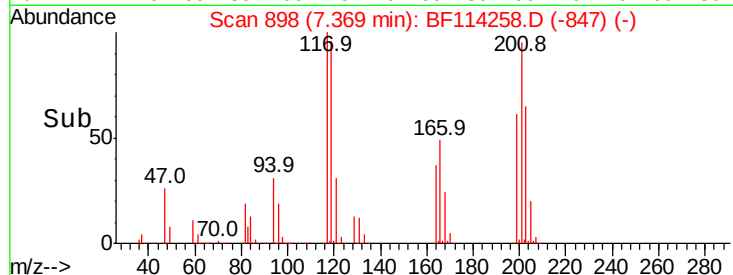
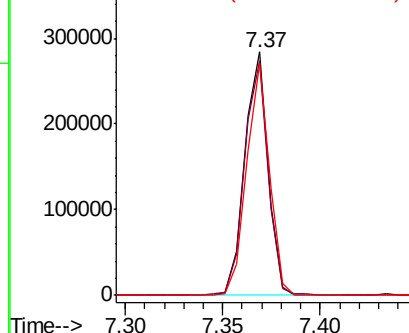
#18
Hexachloroethane
Concen: 35.351 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

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

Tot Ion:117 Resp: 233936
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 95.1 74.5 111.7

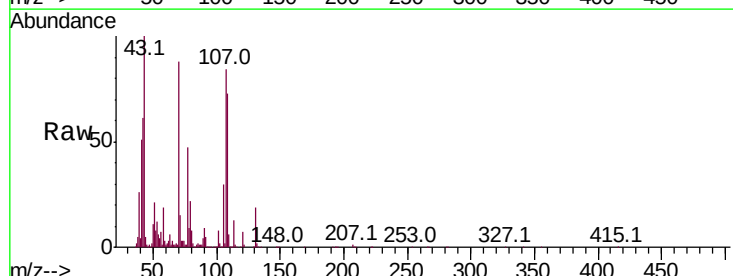


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

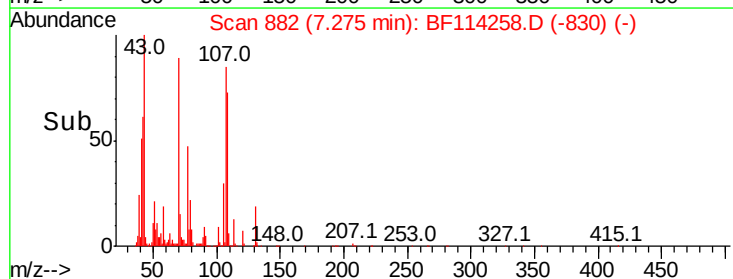
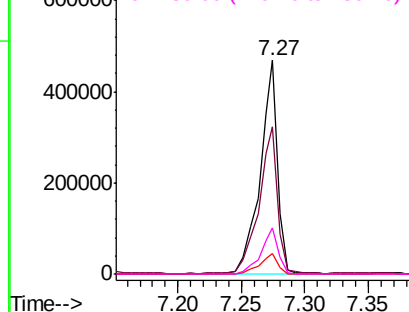


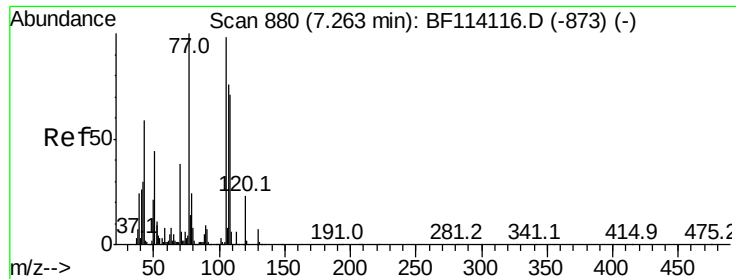
#19
n-Nitroso-di-n-propylamine
Concen: 41.264 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion: 70 Resp: 451638
Ion Ratio Lower Upper
70 100
42 68.7 58.6 87.8
101 9.5 7.8 11.8
130 21.7 17.1 25.7



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.574 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

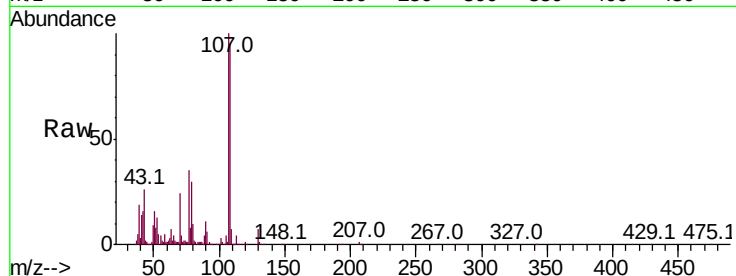
Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	107	Resp:	629784
Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.8	113.8
77	35.4	111.5	151.5#
79	29.7	12.0	52.0

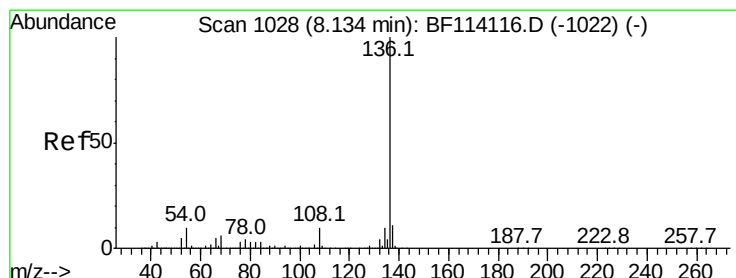
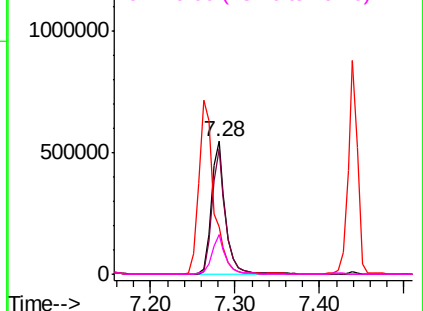
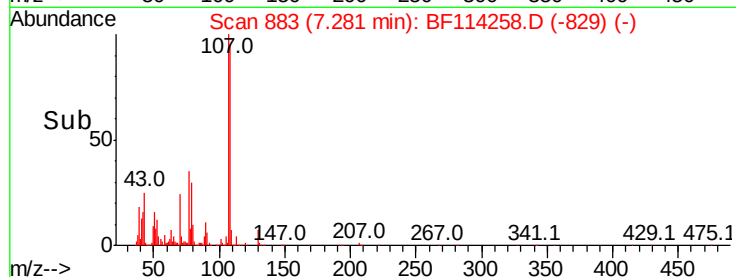


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

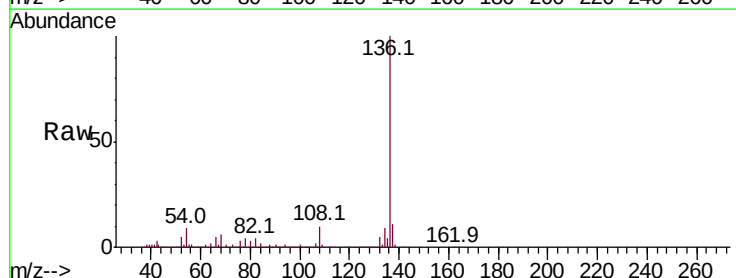
RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Tgt Ion:	136	Resp:	860585
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.4	7.8	11.8
68	6.5	5.1	7.7

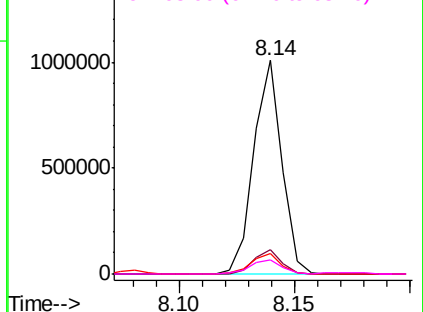
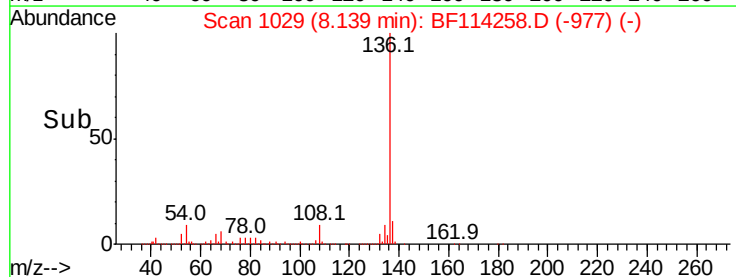


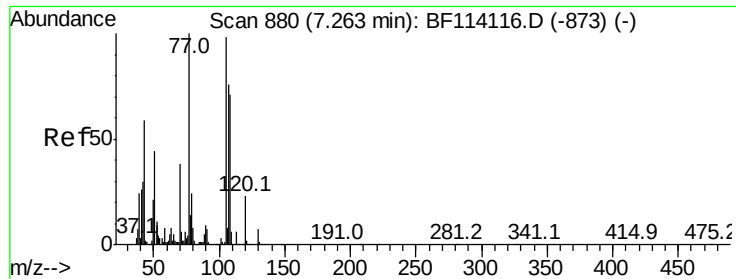
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 46.079 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:105 Resp: 878482

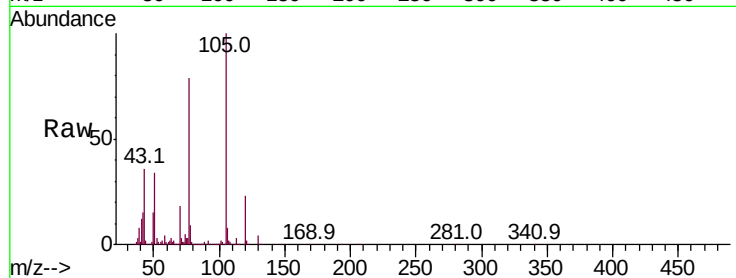
Ion Ratio Lower Upper

105 100

71 3.4 5.3 7.9#

51 34.2 36.2 54.4#

120 22.6 18.6 28.0

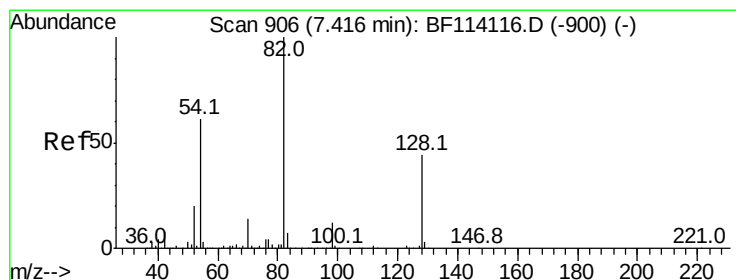
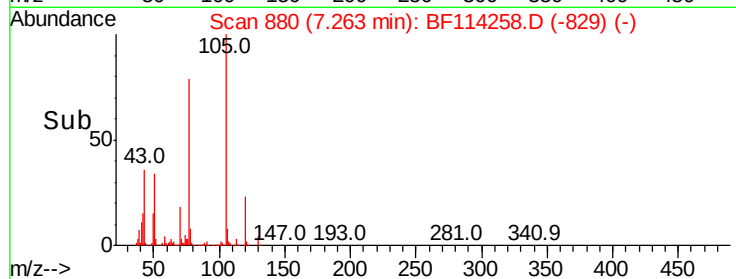
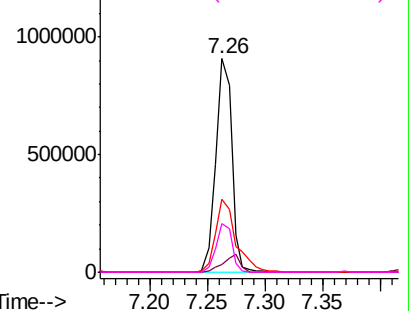


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.486 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

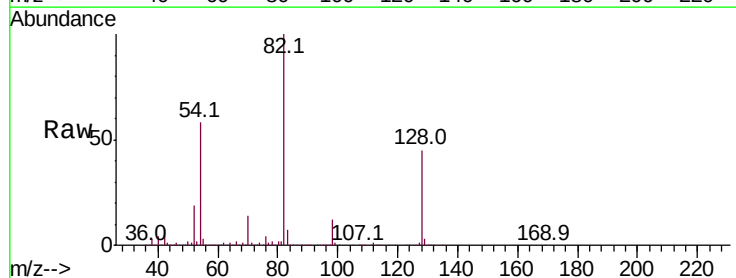
Tgt Ion: 82 Resp: 1326232

Ion Ratio Lower Upper

82 100

128 45.1 35.5 53.3

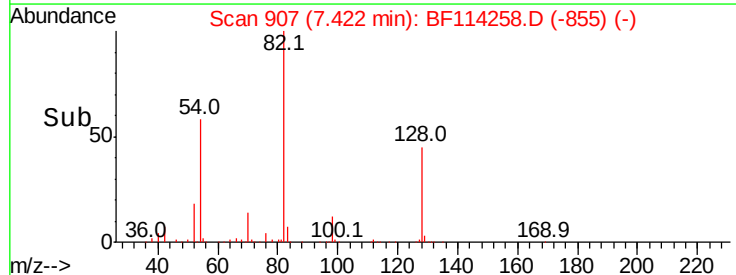
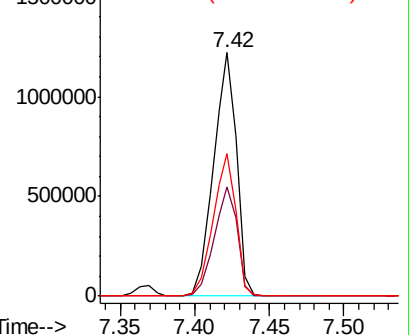
54 58.3 48.5 72.7

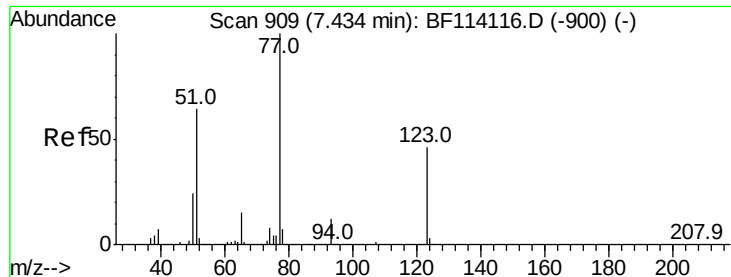


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 44.705 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

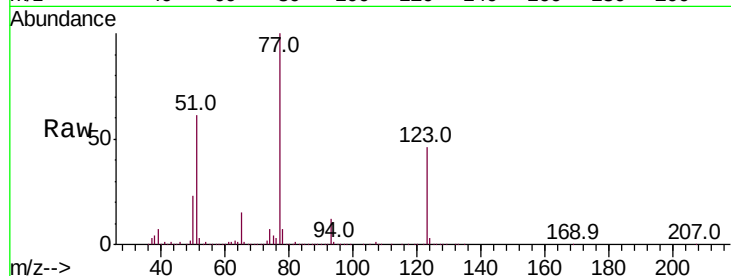
Tot Ion: 77 Resp: 698222

Ion Ratio Lower Upper

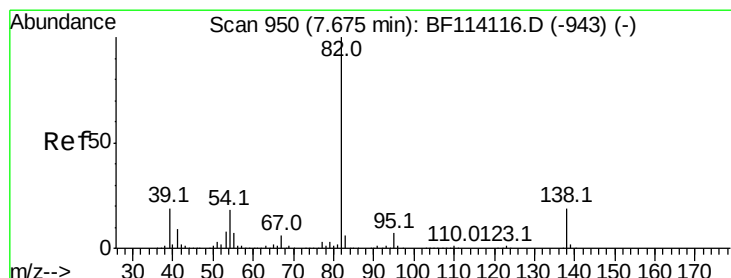
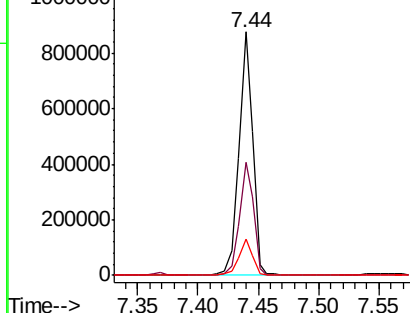
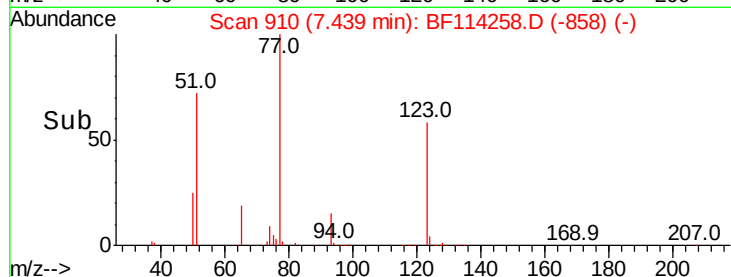
77 100

123 46.5 36.9 55.3

65 14.7 11.8 17.6



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



#25

Isophorone

Concen: 42.811 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

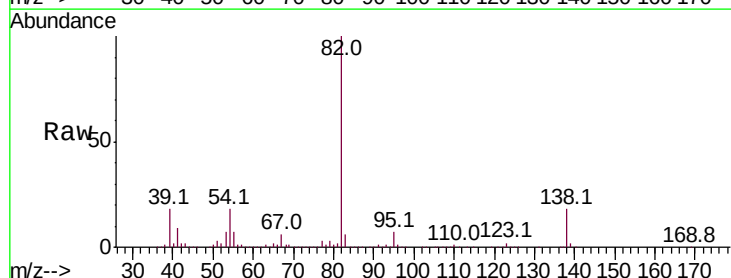
Tgt Ion: 82 Resp: 1217532

Ion Ratio Lower Upper

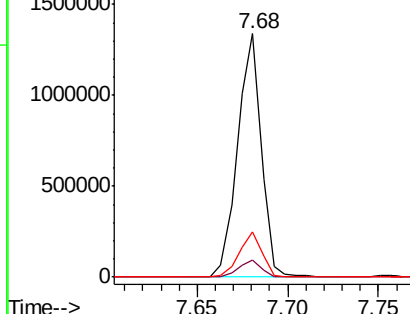
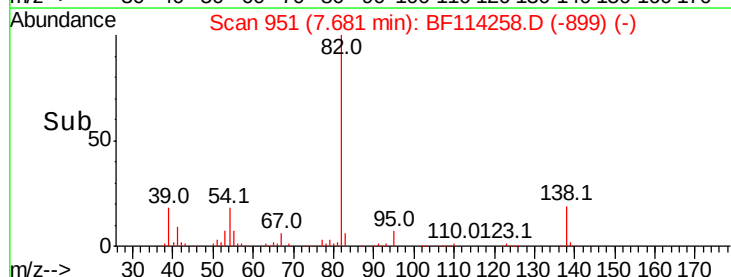
82 100

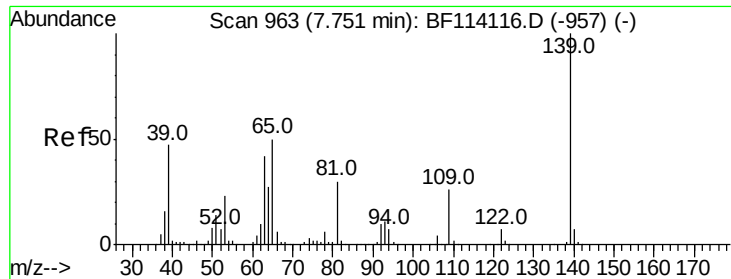
95 7.0 5.6 8.4

138 18.4 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 46.649 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

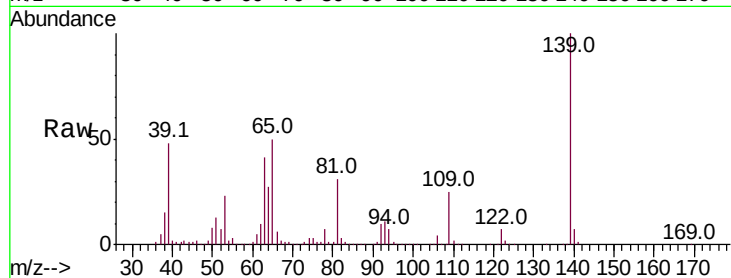
Tot Ion:139 Resp: 353485

Ion Ratio Lower Upper

139 100

109 25.3 20.7 31.1

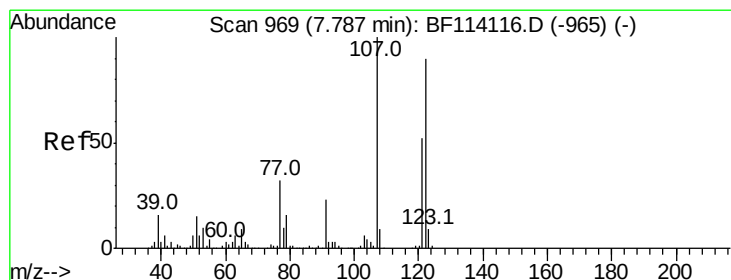
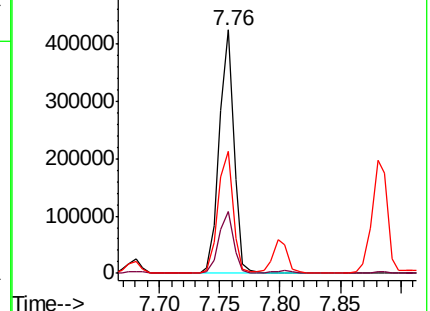
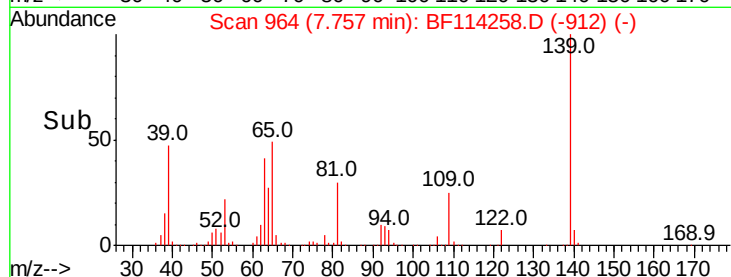
65 50.3 40.2 60.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27

2,4-Dimethylphenol

Concen: 42.428 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

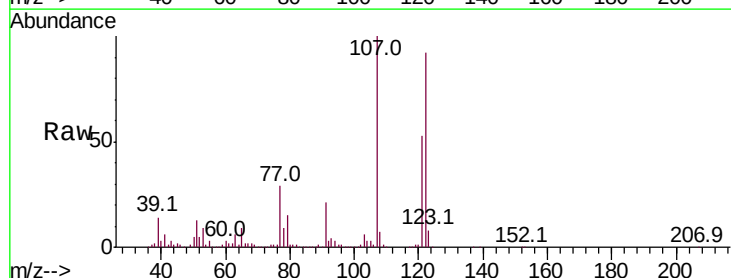
Tgt Ion:122 Resp: 504948

Ion Ratio Lower Upper

122 100

107 108.7 88.4 132.6

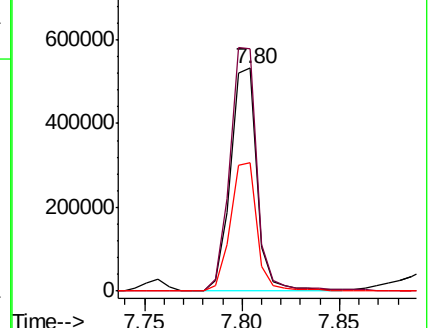
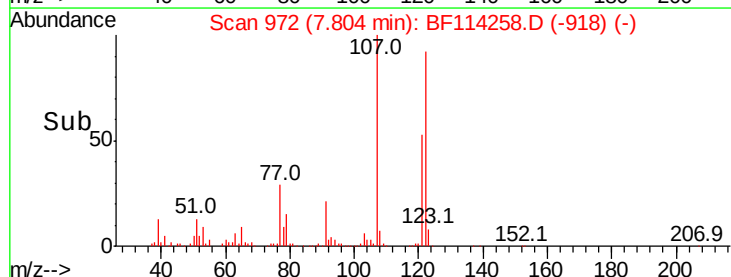
121 57.6 45.9 68.9

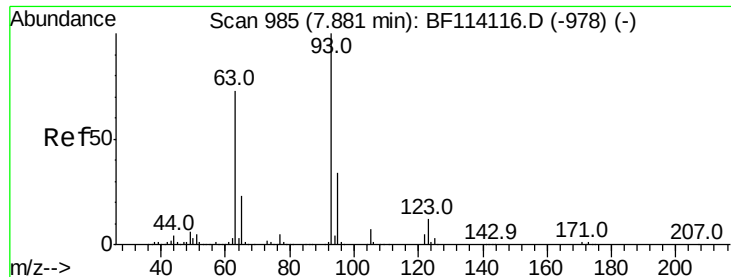


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

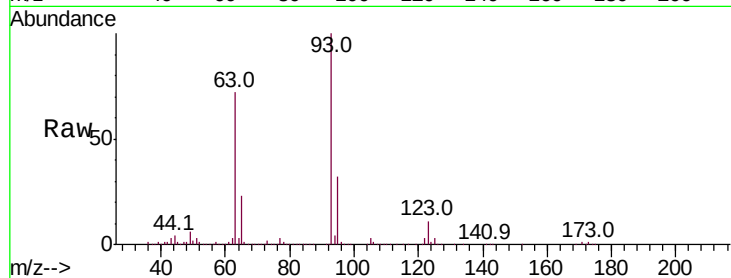




#28
bis(2-Chloroethoxy)methane
Concen: 43.730 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

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

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.8	40.2
123	10.9	9.5	14.3

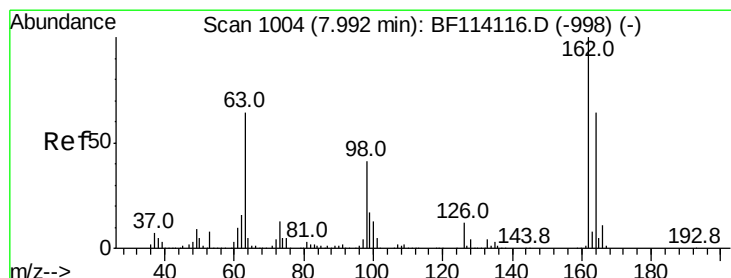
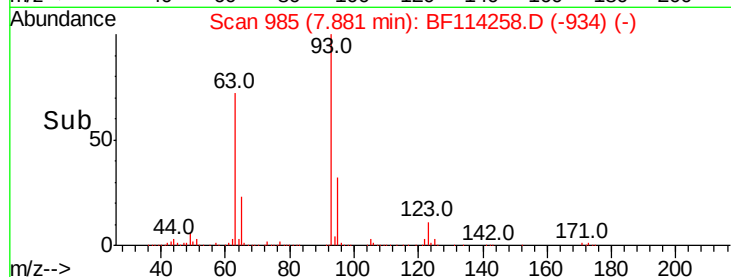
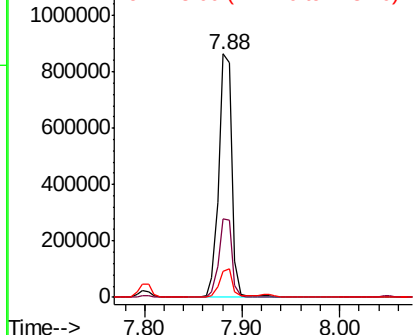


Abundance

Ion 93.00 (92.70 to 93.70): BF1

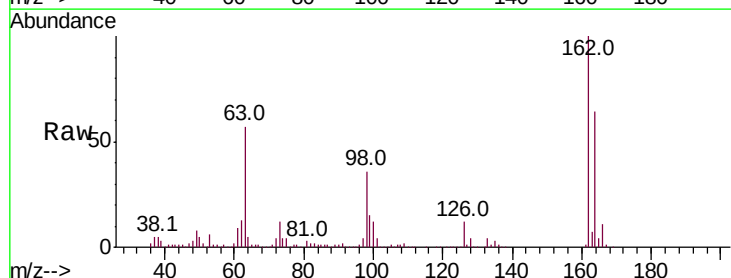
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#29
2,4-Dichlorophenol
Concen: 43.022 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.6	83.6
98	35.9	20.6	60.6

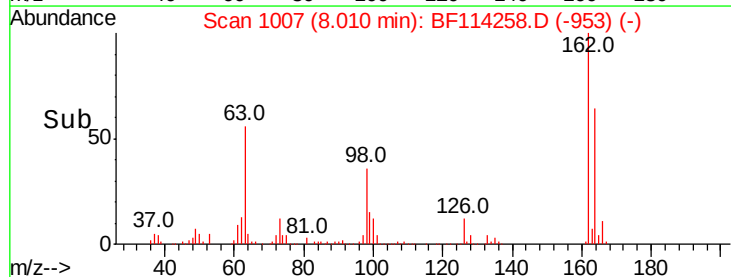
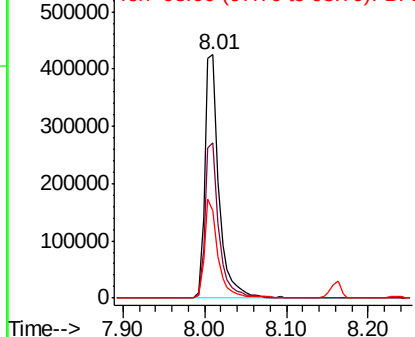


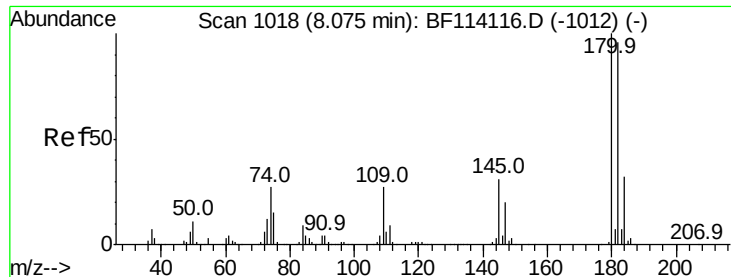
Abundance

Ion 162.00 (161.70 to 162.70): BF1

Ion 164.00 (163.70 to 164.70): BF1

Ion 98.00 (97.70 to 98.70): BF1

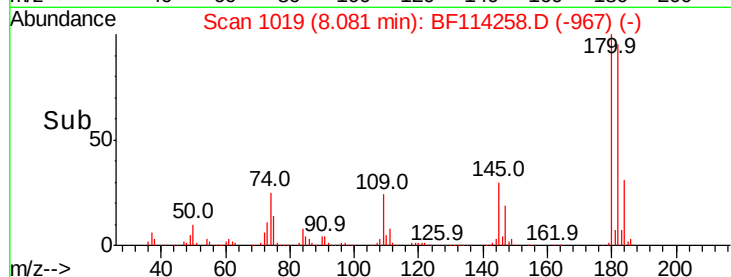
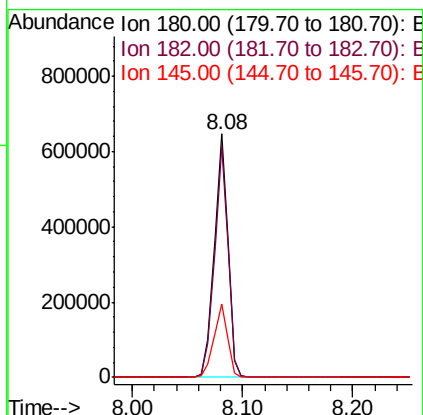
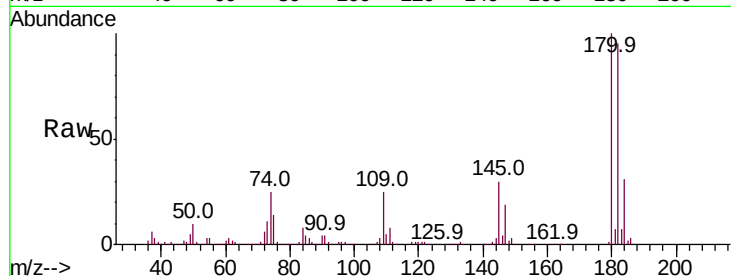




#30
 1,2,4-Trichlorobenzene
 Concen: 40.839 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

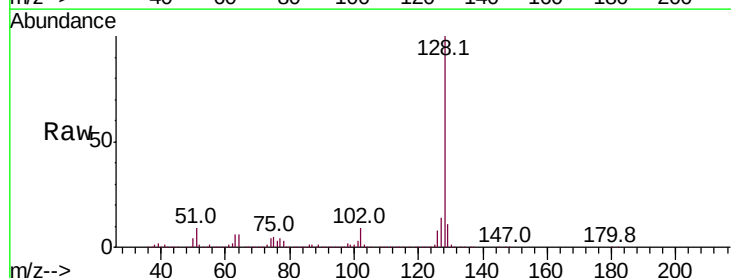
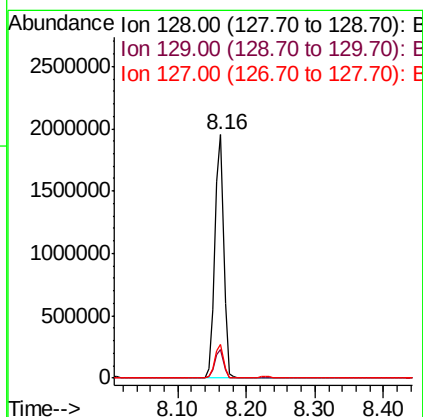
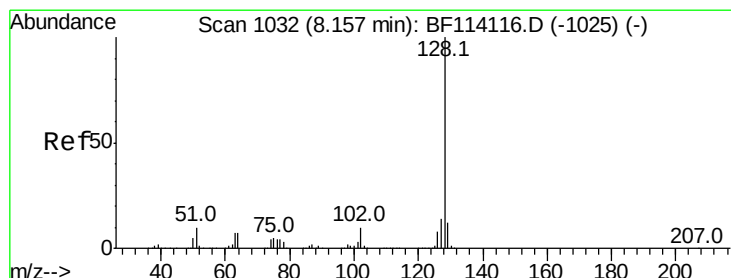
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

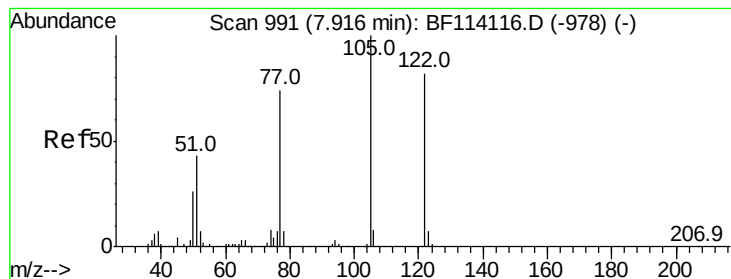
Tot Ion:180 Resp: 550332
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.6 114.8
 145 30.2 25.1 37.7



#31
 Naphthalene
 Concen: 42.655 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion:128 Resp: 1714703
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.6 14.4
 127 13.6 11.3 16.9





#32

Benzoic acid

Concen: 34.239 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

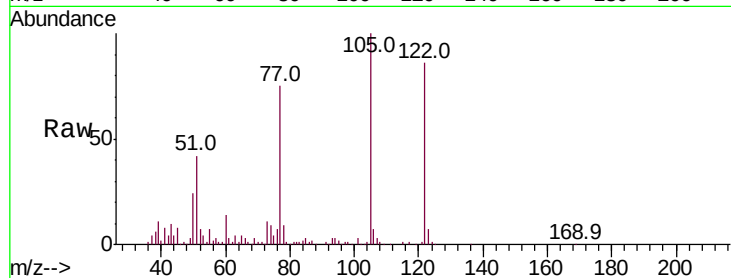
Tot Ion:122 Resp: 270546

Ion Ratio Lower Upper

122 100

105 116.5 99.9 139.9

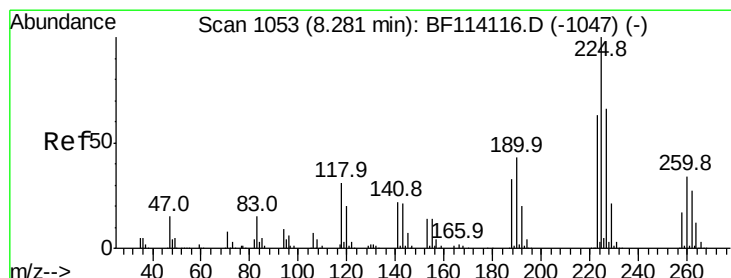
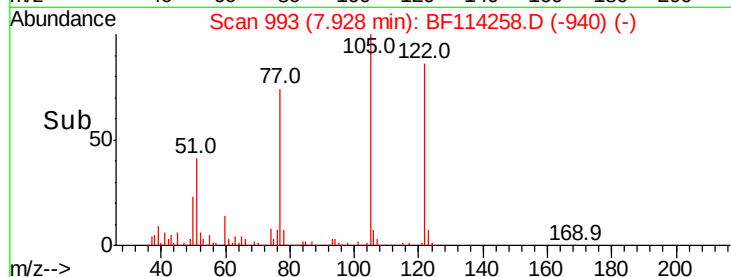
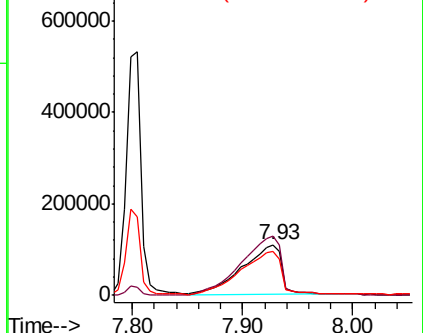
77 87.0 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#34

Hexachlorobutadiene

Concen: 38.963 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

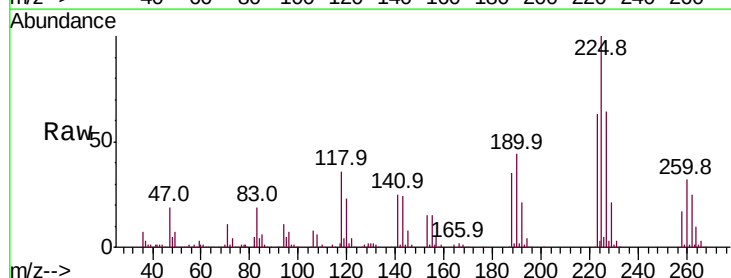
Tgt Ion:225 Resp: 298750

Ion Ratio Lower Upper

225 100

223 62.9 50.2 75.2

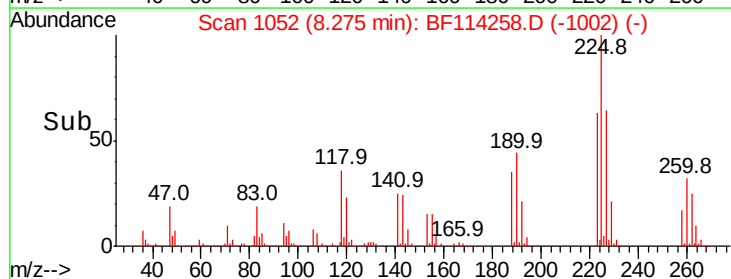
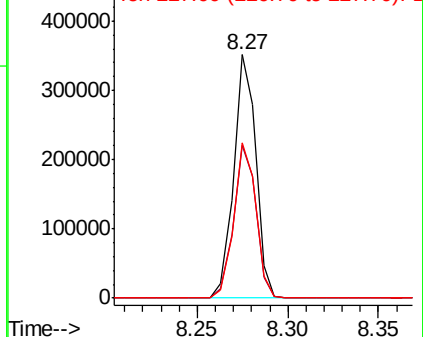
227 63.9 52.6 79.0

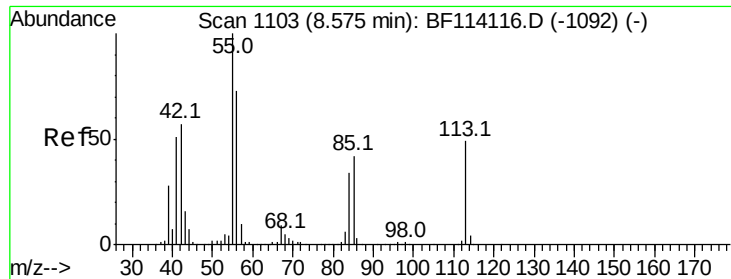


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

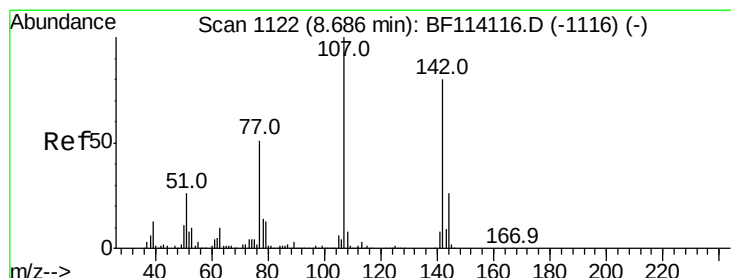
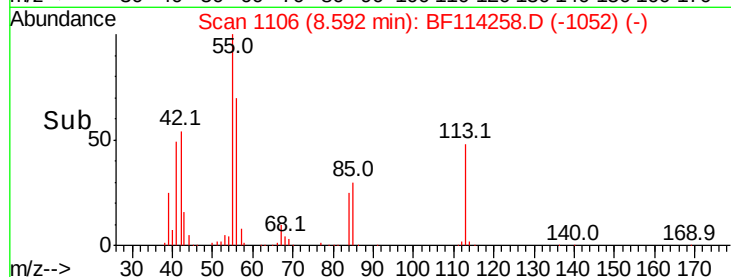
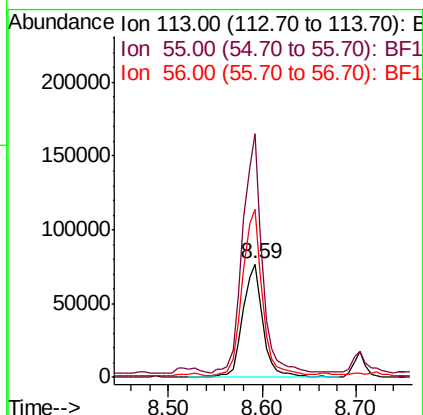
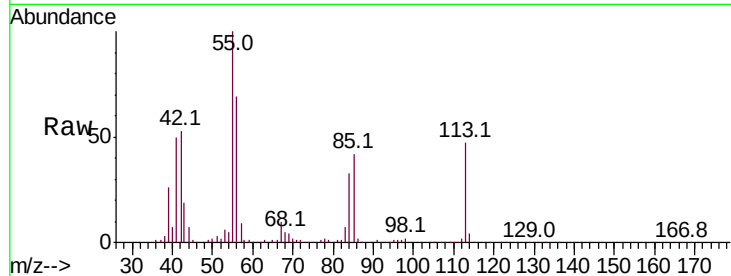




#35
 Caprolactam
 Concen: 29.598 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.02 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

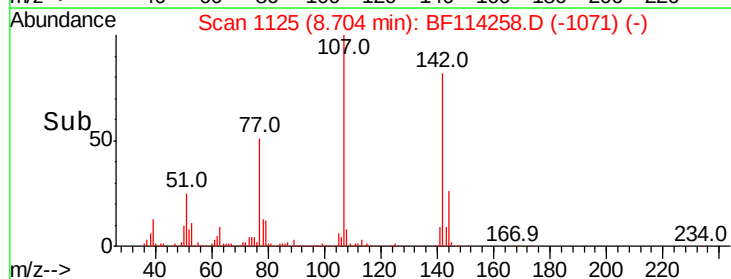
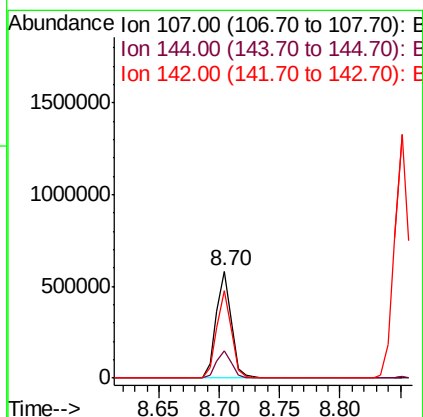
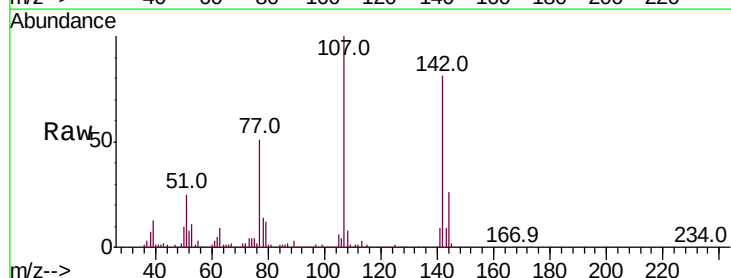
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

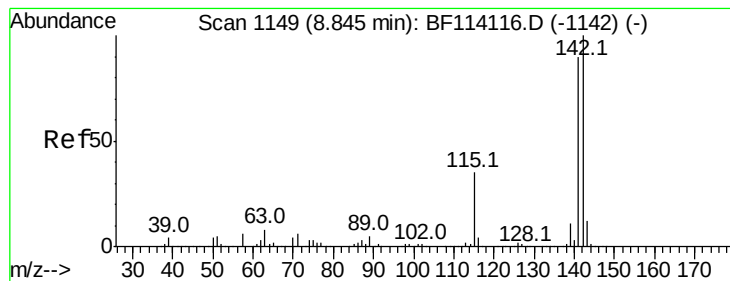
Tot Ion:113 Resp: 114371
 Ion Ratio Lower Upper
 113 100
 55 214.6 183.5 223.5
 56 148.3 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.485 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.02 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion:107 Resp: 494870
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.4 30.6
 142 81.5 64.2 96.4





#37

2-Methylnaphthalene

Concen: 43.024 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

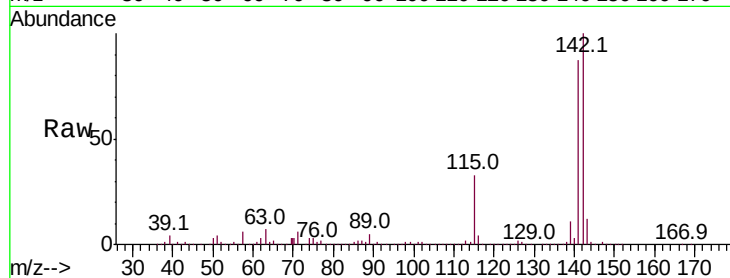
Tot Ion:142 Resp: 1115891

Ion Ratio Lower Upper

142 100

141 86.9 72.1 108.1

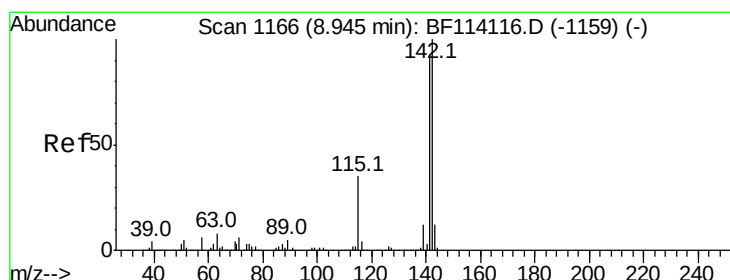
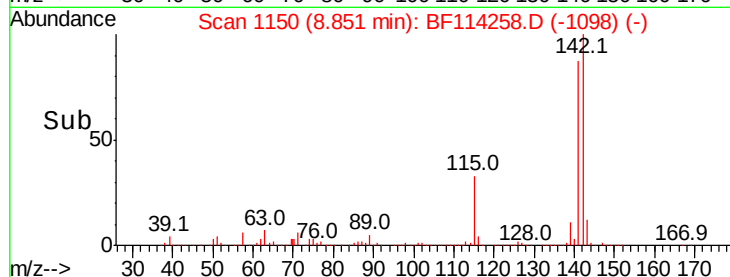
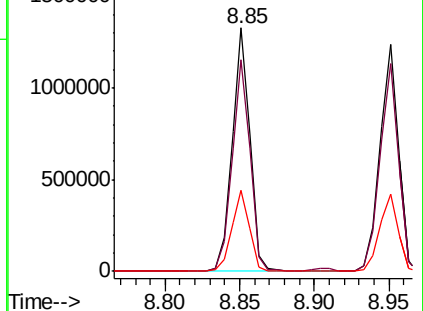
115 33.4 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.903 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

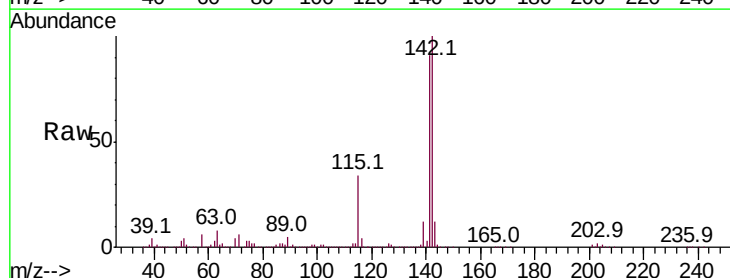
Tgt Ion:142 Resp: 1047904

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.0

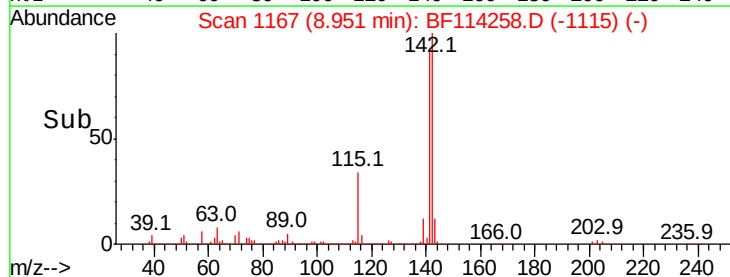
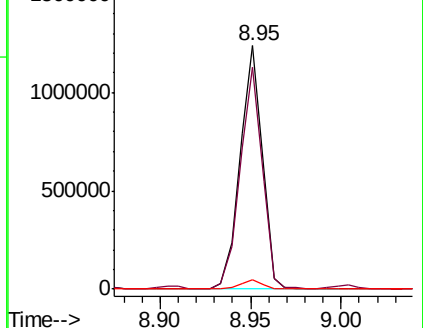
116 3.6 3.1 4.7

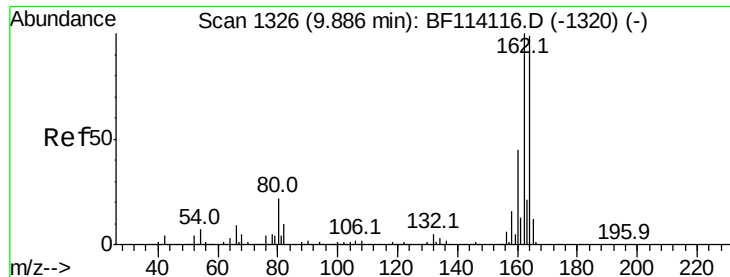


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

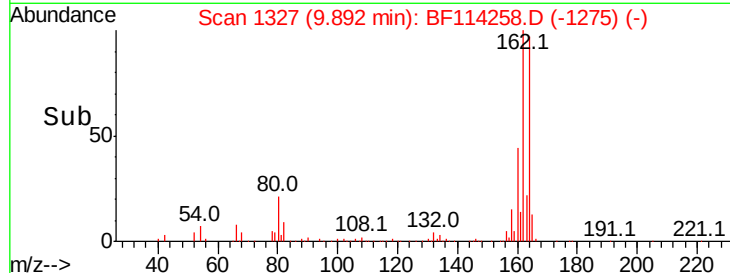
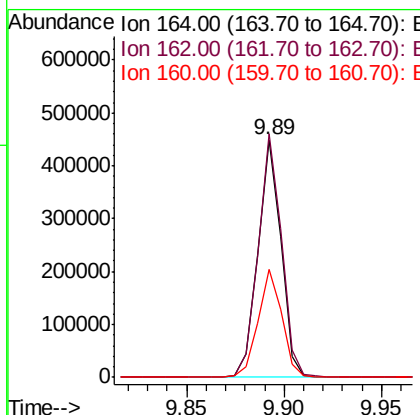
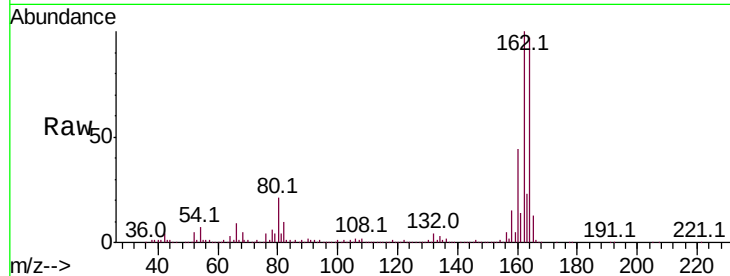




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

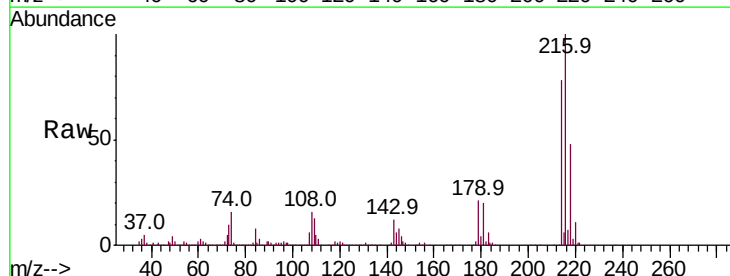
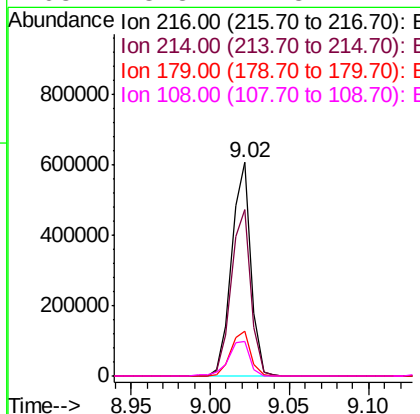
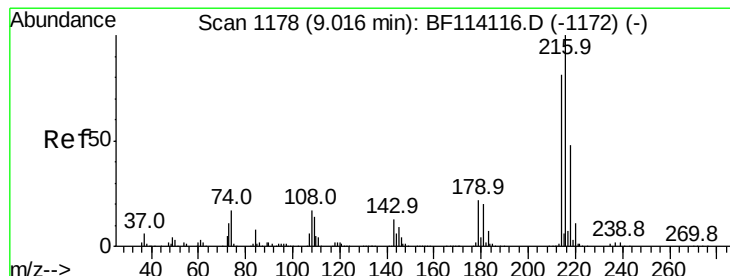
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

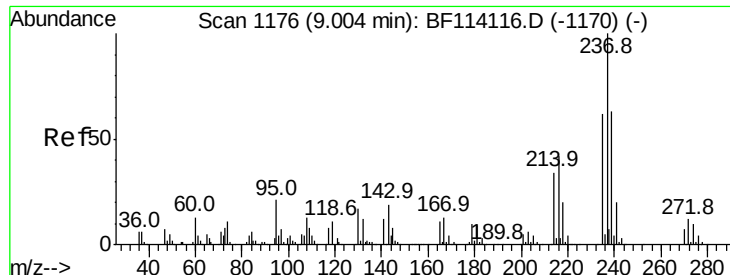
Tot Ion:164	Resp:	366379
Ion Ratio	Lower	Upper
164	100	
162	102.6	80.6 120.8
160	45.4	36.5 54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.210 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion:216	Resp:	512860
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.9 95.9
179	21.3	17.0 25.6
108	18.3	14.8 22.2

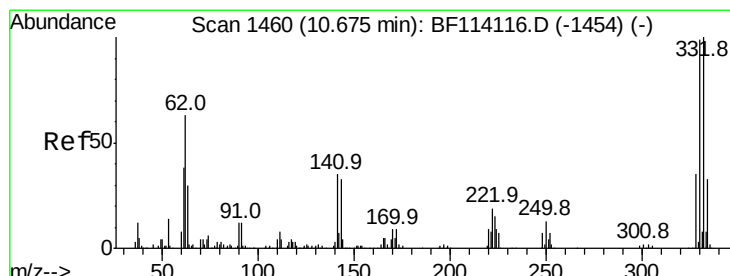
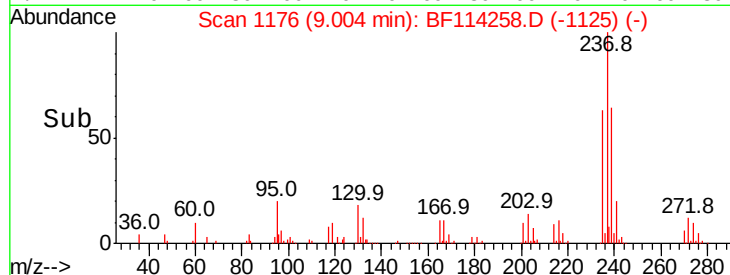
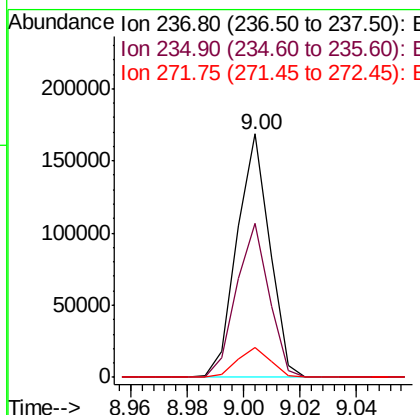
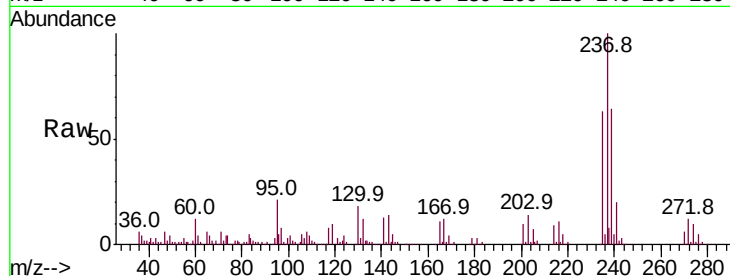




#41
Hexachlorocyclopentadiene
Concen: 29.135 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

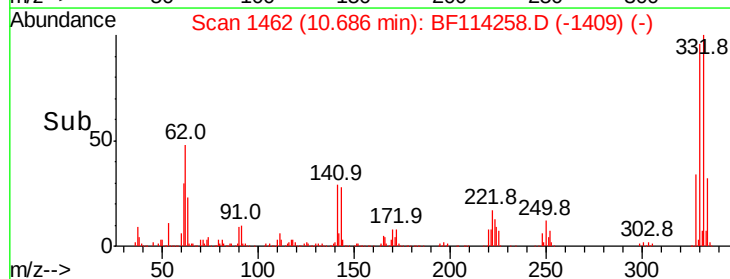
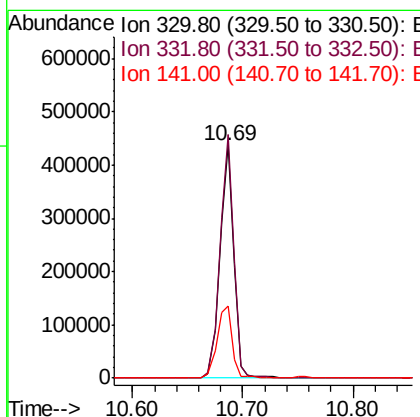
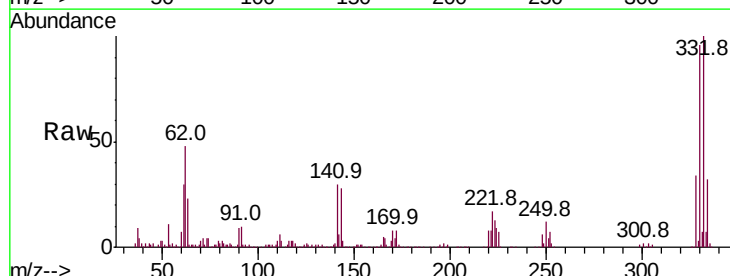
Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

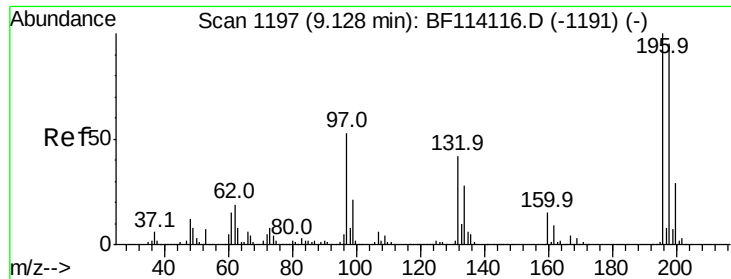
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	12.5	0.0	32.4



#42
2,4,6-Tribromophenol
Concen: 101.436 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.7	81.4	122.2
141	33.1	26.6	40.0

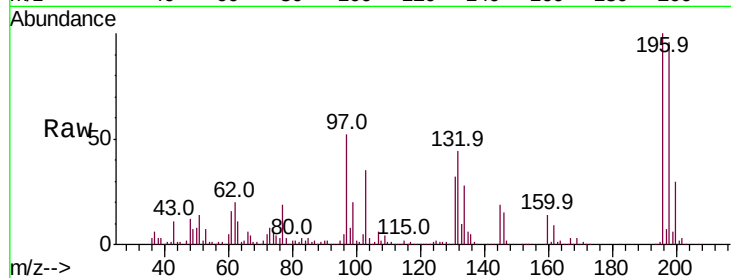




#43
 2,4,6-Trichlorophenol
 Concen: 42.795 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.9	113.9
200	30.4	23.5	35.3

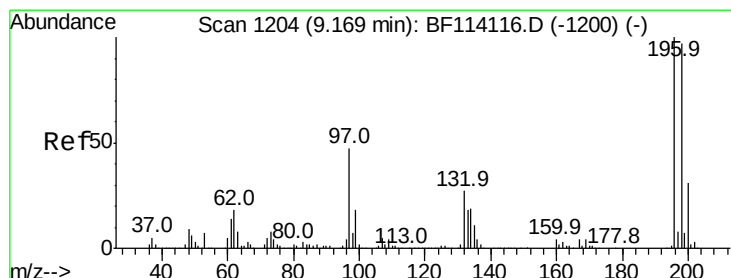
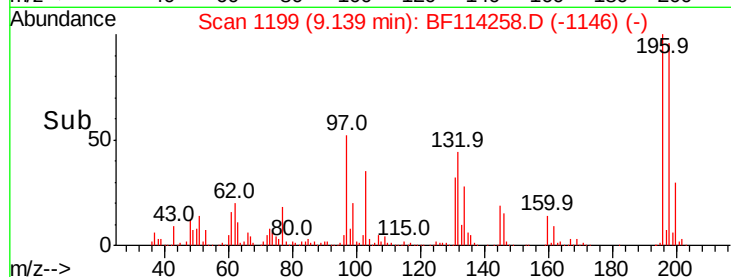
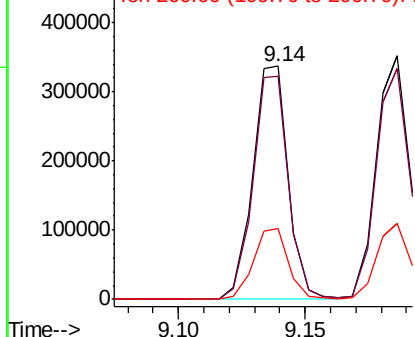


Abundance

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: 42.940 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.02 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.7	116.5
97	48.0	38.2	57.2
132	27.8	21.4	32.2

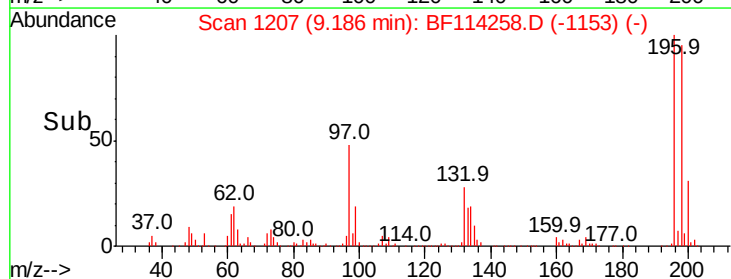
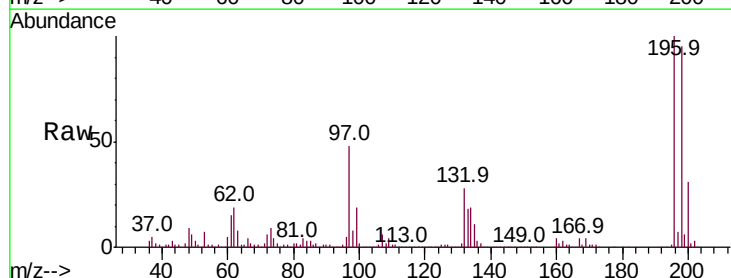
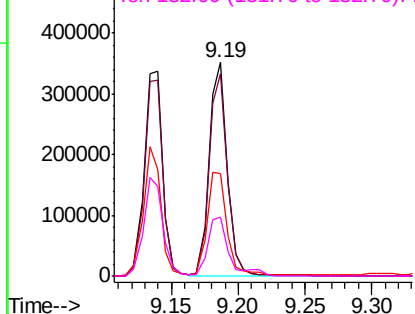
Abundance

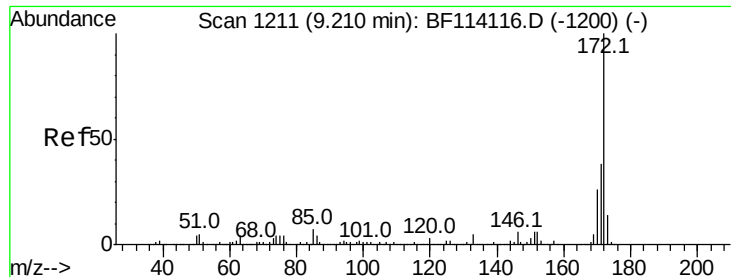
Ion 196.00 (195.70 to 196.70): E

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

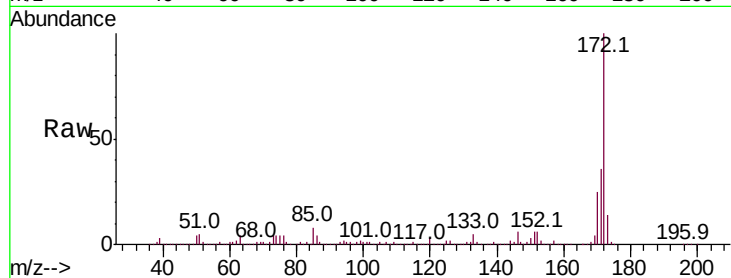




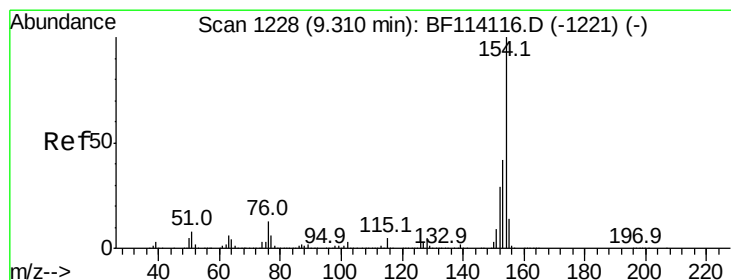
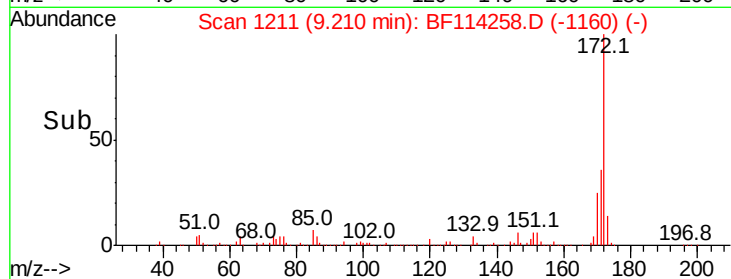
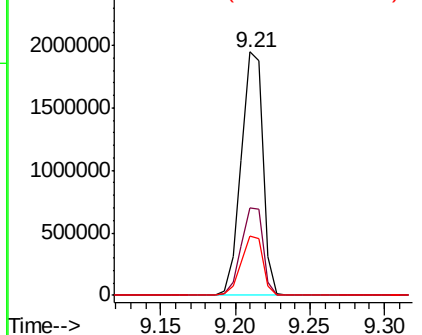
#45
2-Fluorobiphenyl
Concen: 81.452 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

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

Tot Ion:172 Resp: 1972817
Ion Ratio Lower Upper
172 100
171 36.2 30.7 46.1
170 24.5 20.5 30.7

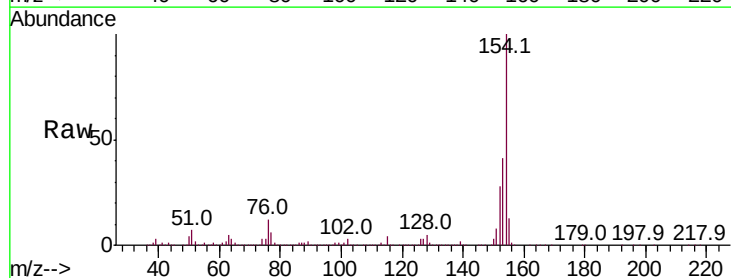


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

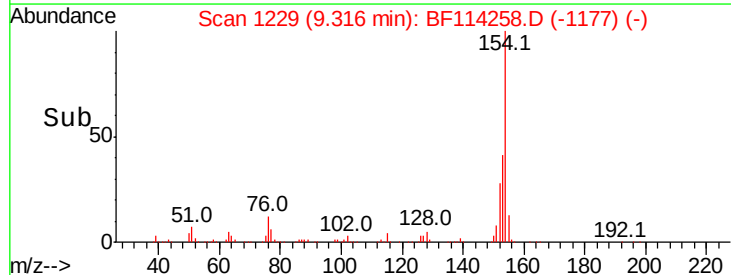
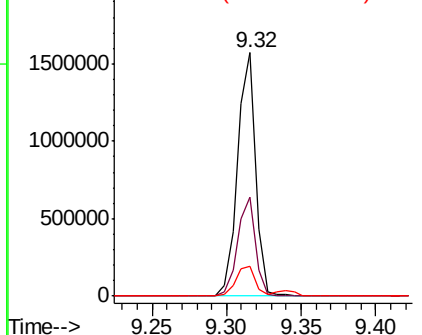


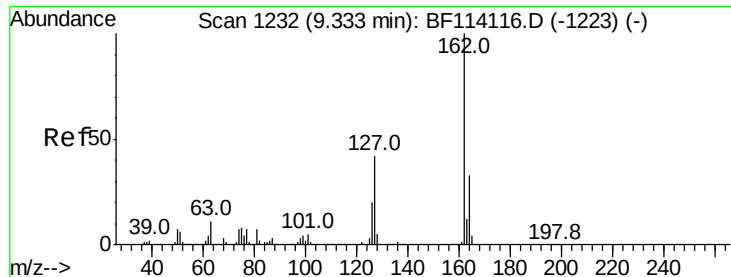
#46
1,1'-Biphenyl
Concen: 45.433 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion:154 Resp: 1344759
Ion Ratio Lower Upper
154 100
153 40.6 21.9 61.9
76 12.3 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



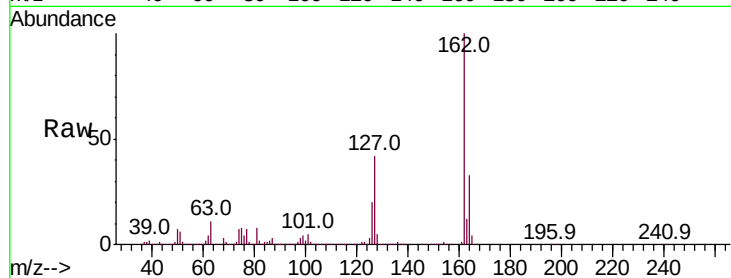


#47
 2-Chloronaphthalene
 Concen: 42.181 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

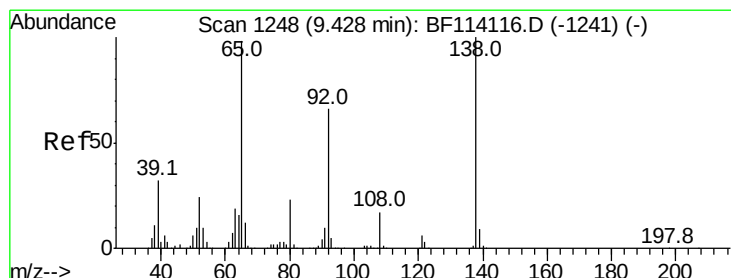
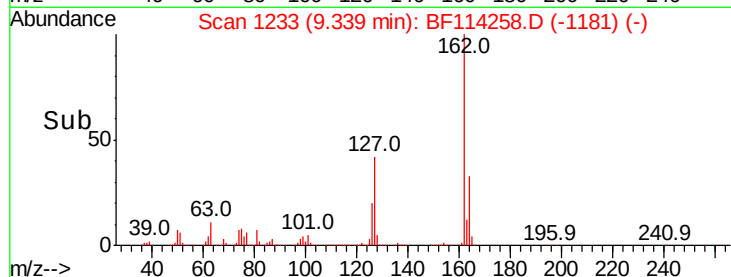
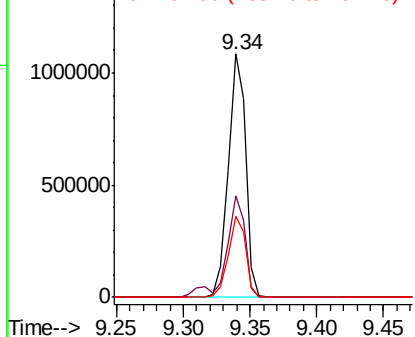
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

Tot Ion:162 Resp: 1004779

Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.0	51.0
164	33.4	26.7	40.1



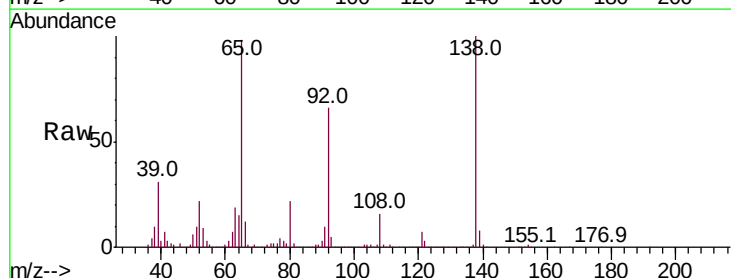
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



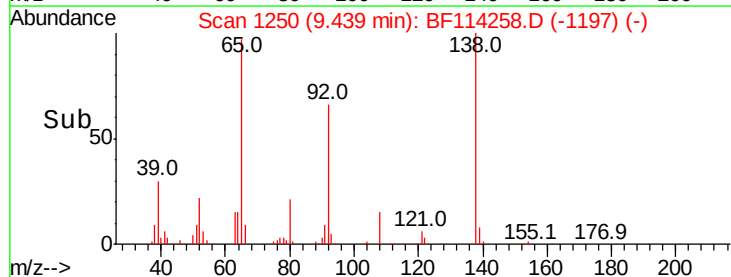
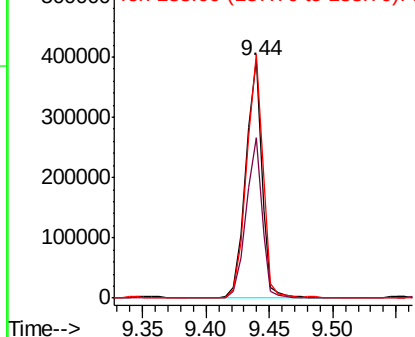
#48
 2-Nitroaniline
 Concen: 40.917 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

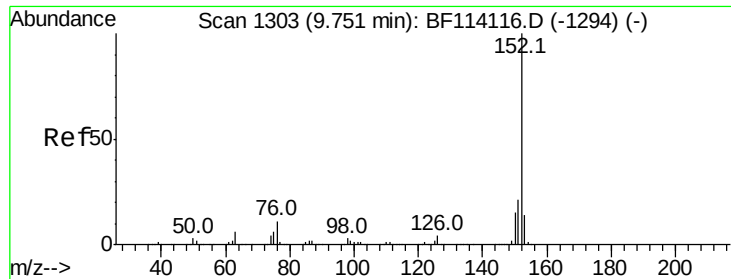
Tgt Ion: 65 Resp: 345663

Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.9	80.9
138	102.3	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: 42.143 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

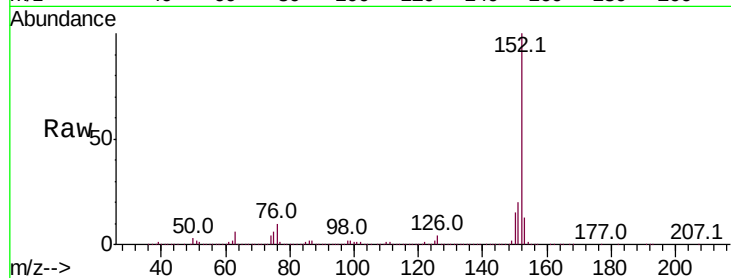
Tot Ion:152 Resp: 1526823

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

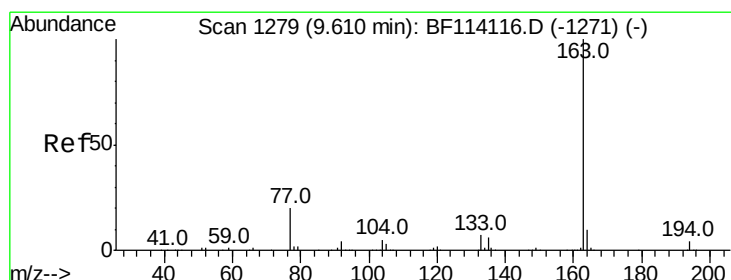
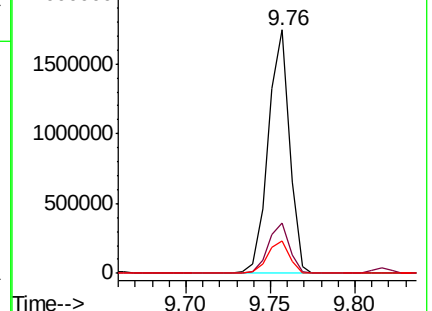
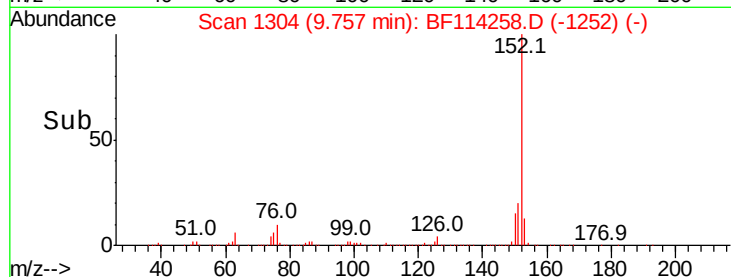
153 13.1 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.456 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

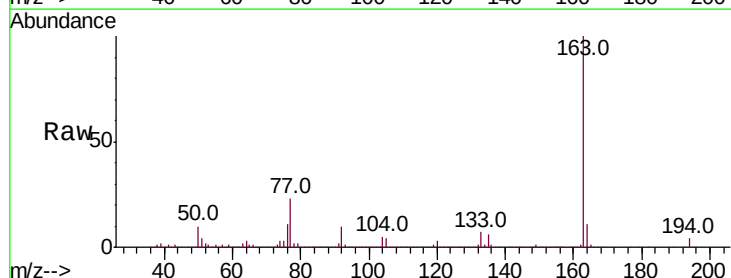
Tgt Ion:163 Resp: 1464643

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

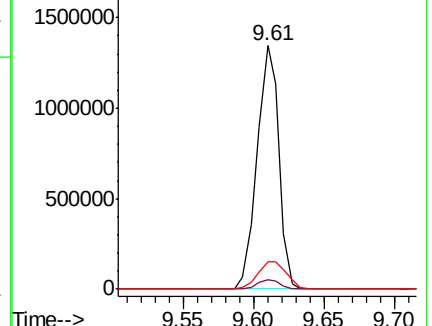
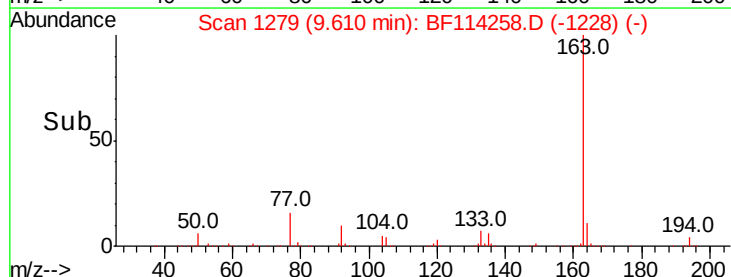
164 11.3 8.2 12.2

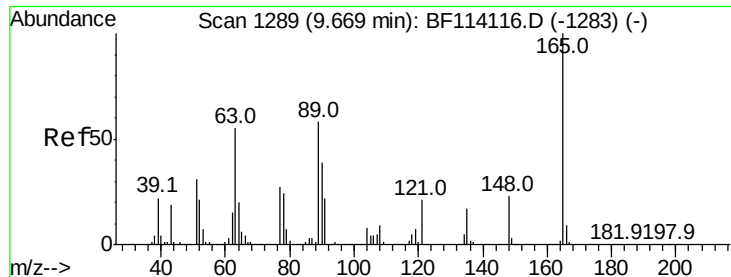


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.495 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

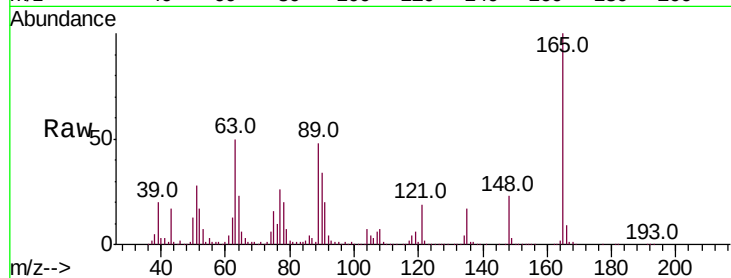
Tot Ion:165 Resp: 259466

Ion Ratio Lower Upper

165 100

63 50.1 50.2 75.4#

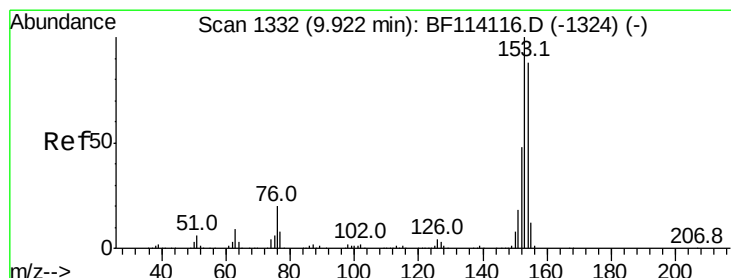
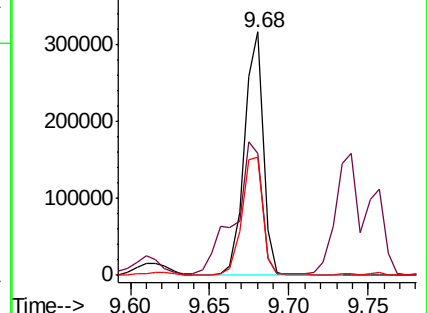
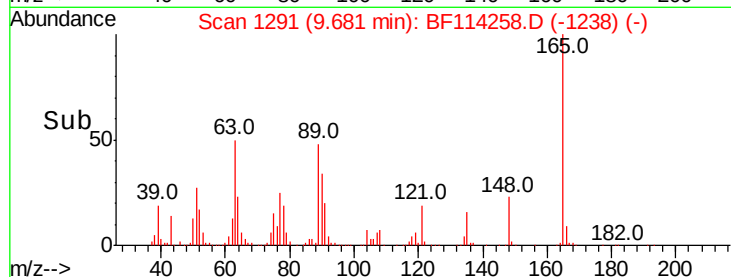
89 48.4 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.854 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

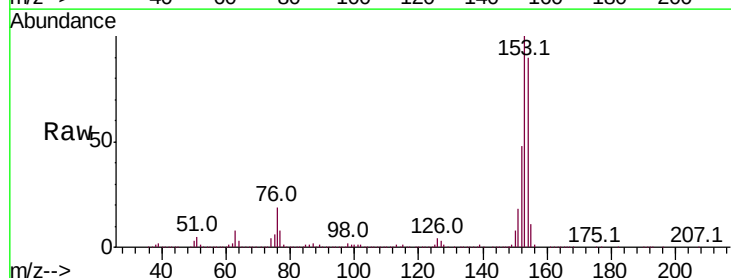
Tgt Ion:154 Resp: 886032

Ion Ratio Lower Upper

154 100

153 111.0 90.5 135.7

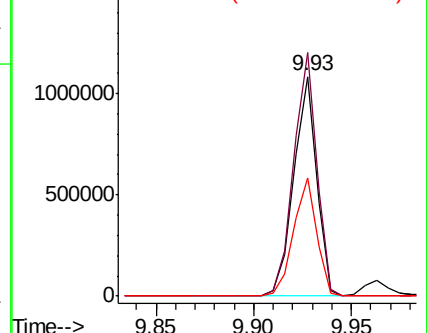
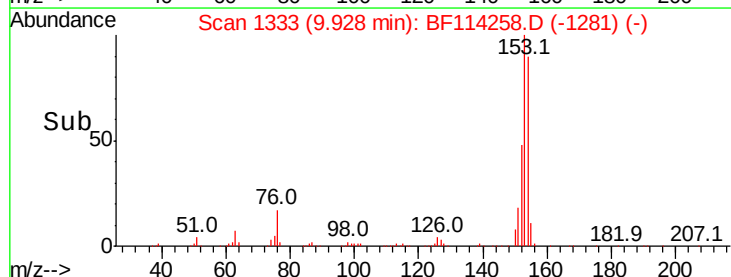
152 53.7 43.4 65.2

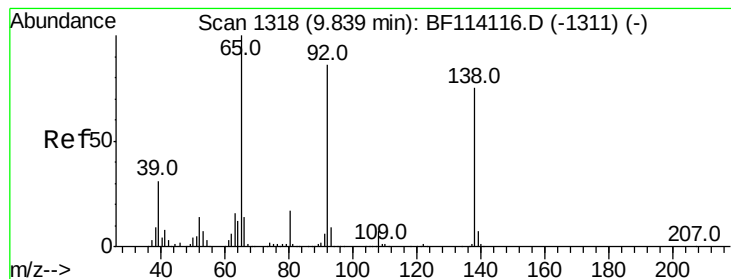


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 7.238 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

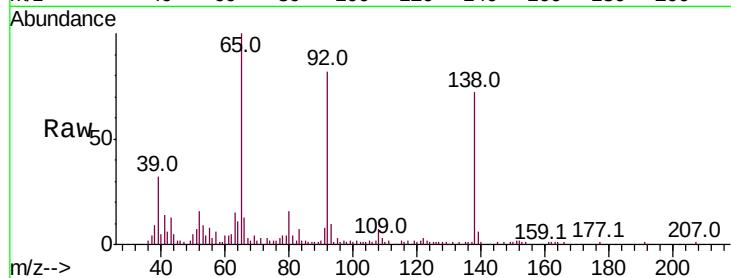
Tot Ion:138 Resp: 53601

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

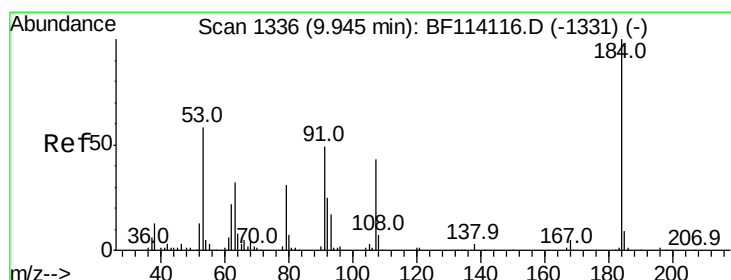
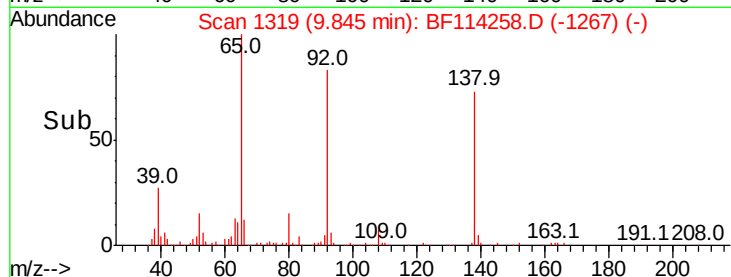
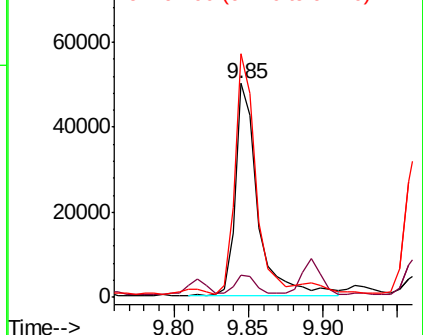
92 113.9 91.2 136.8



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: 47.112 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

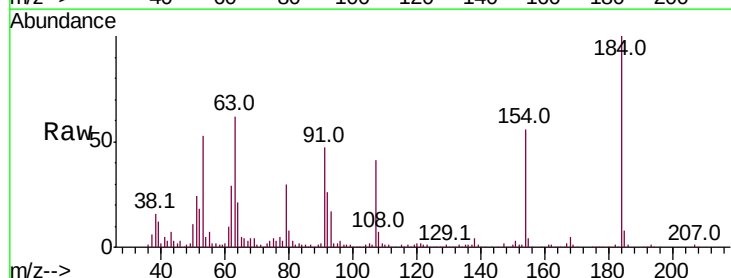
Tgt Ion:184 Resp: 132234

Ion Ratio Lower Upper

184 100

63 61.8 55.6 83.4

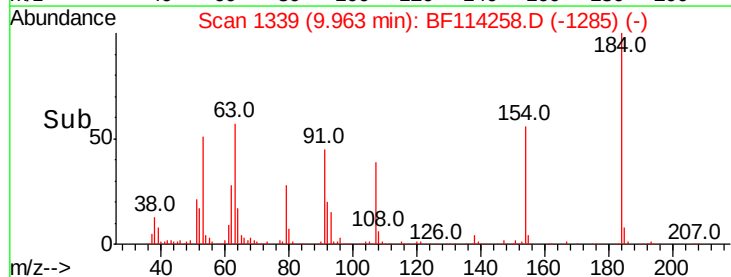
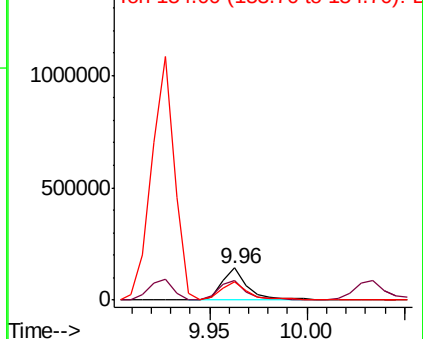
154 56.2 46.0 69.0

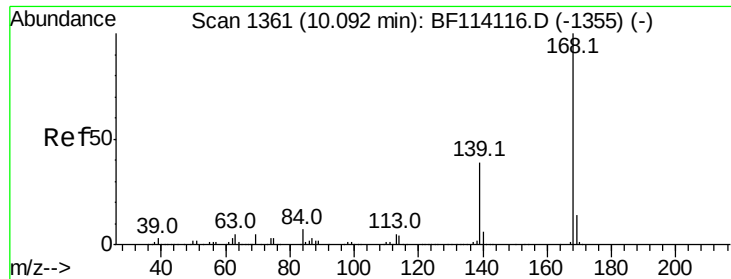


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

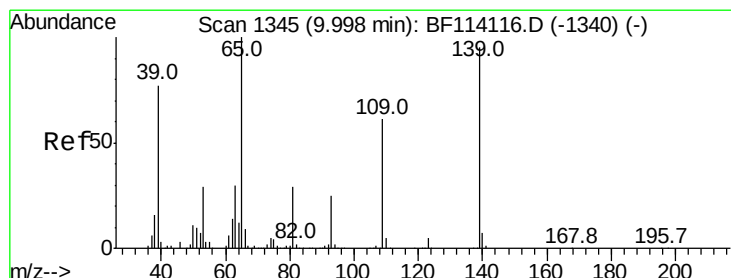
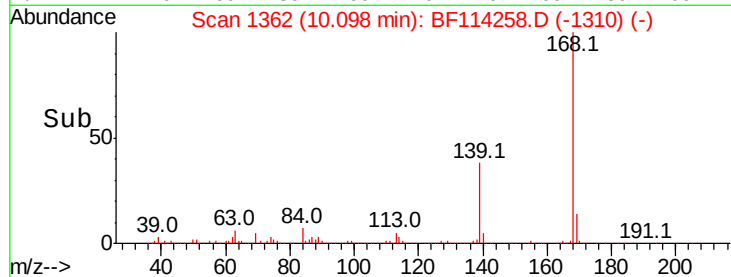
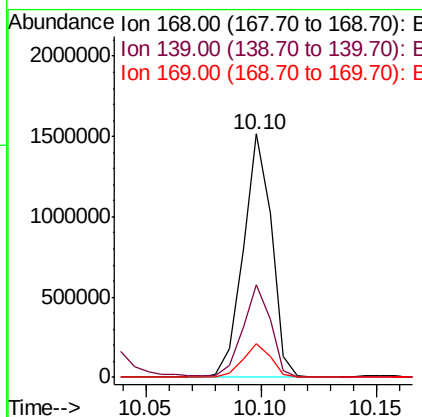
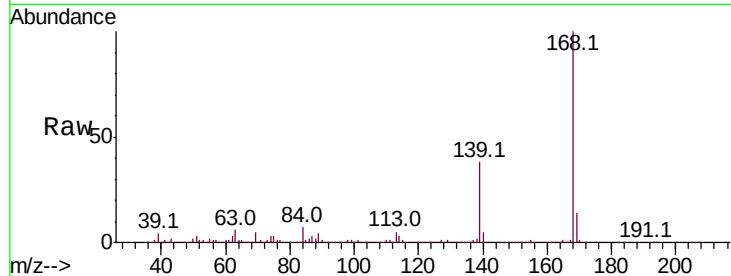




#55
 Dibenzofuran
 Concen: 39.856 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

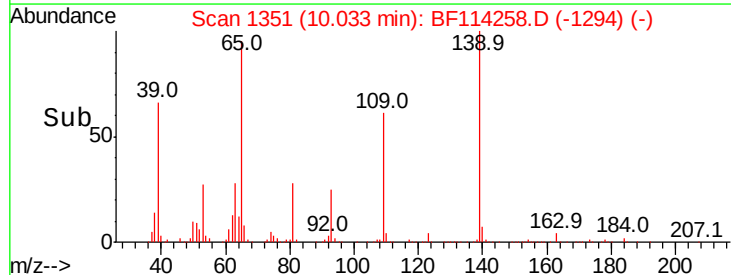
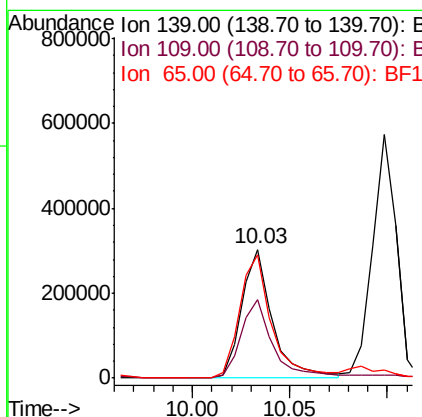
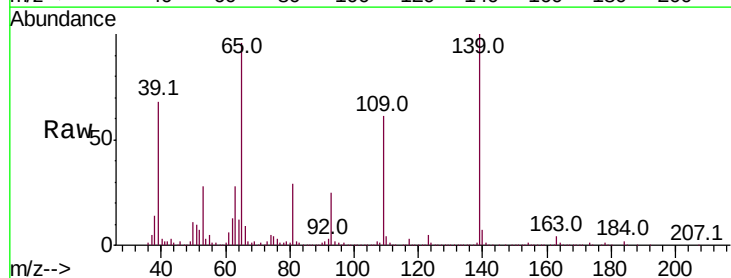
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

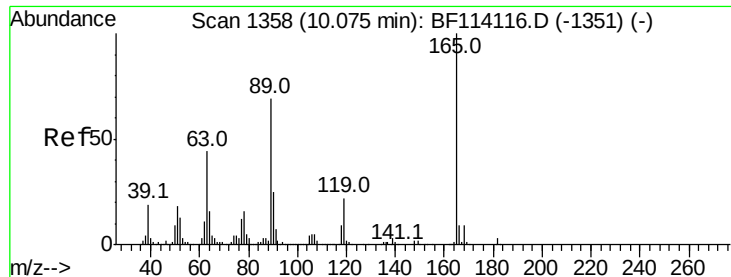
Tot Ion:168 Resp: 1299306
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.1 46.7
 169 13.9 11.4 17.0



#56
 4-Nitrophenol
 Concen: 62.840 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.04 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion:139 Resp: 329086
 Ion Ratio Lower Upper
 139 100
 109 61.1 43.9 83.9
 65 95.6 85.7 125.7

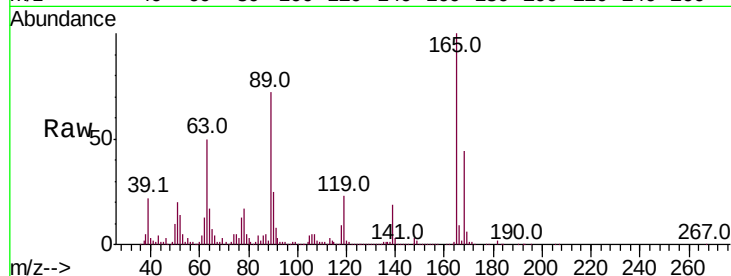




#57
 2,4-Dinitrotoluene
 Concen: 38.698 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

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

Tot Ion:165	Resp:	313334	
Ion Ratio	Lower	Upper	
165 100			
63 49.9	35.5	53.3	
89 72.0	55.2	82.8	
182 2.3	2.2	3.2	



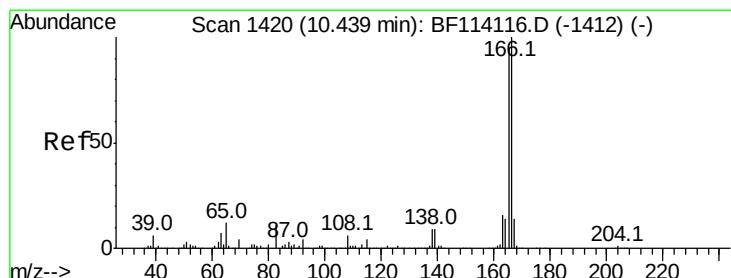
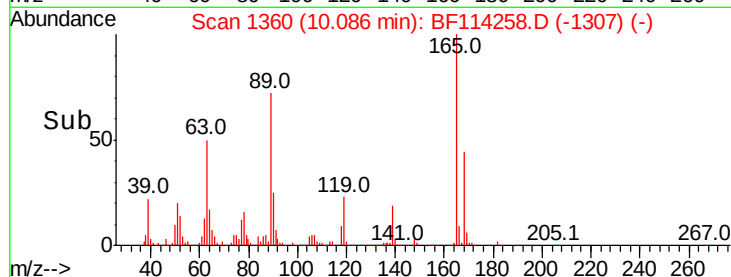
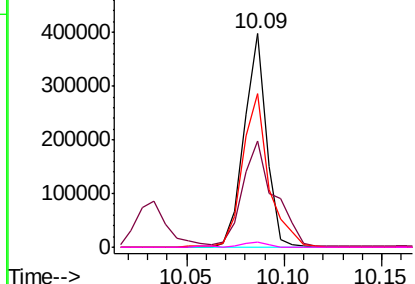
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

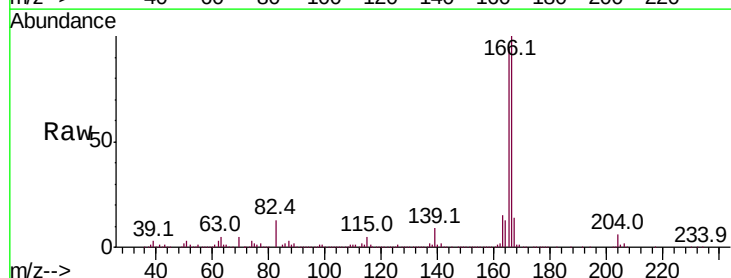
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.586 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt	Ion:166	Resp:	996789
Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.1	114.1
167	14.3	11.1	16.7

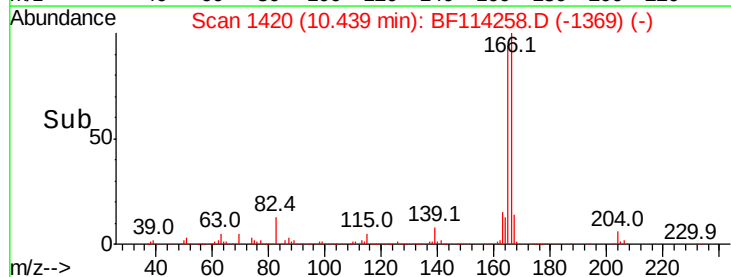
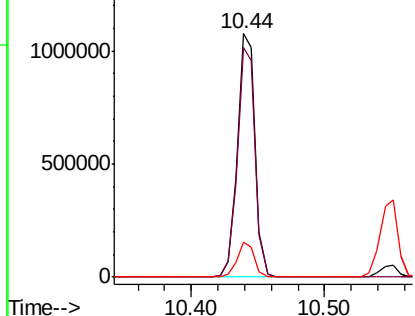


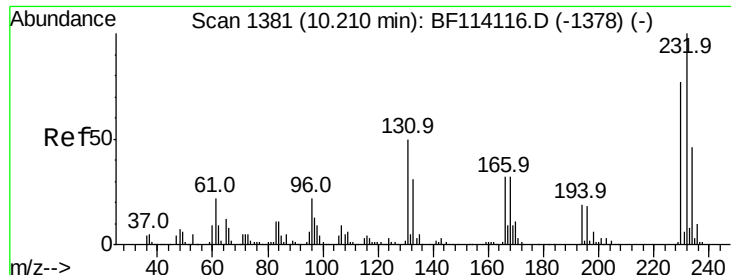
Abundance

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: 37.627 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:232 Resp: 254171

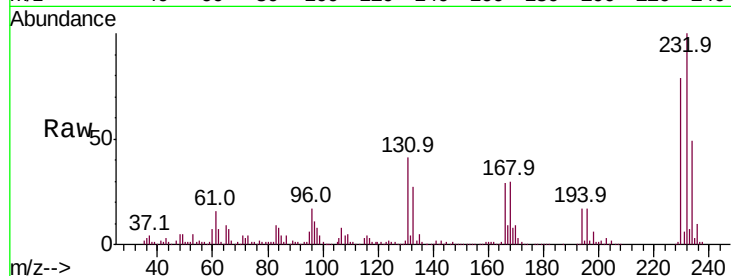
Ion Ratio Lower Upper

232 100

131 44.9 35.6 53.4

130 2.1 1.6 2.4

166 30.2 24.1 36.1

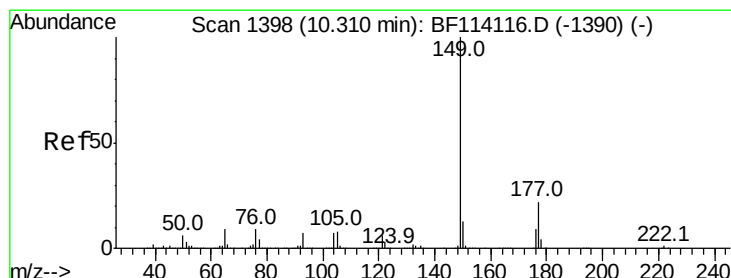
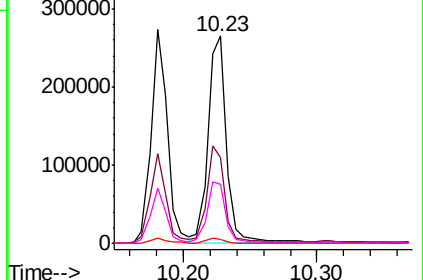
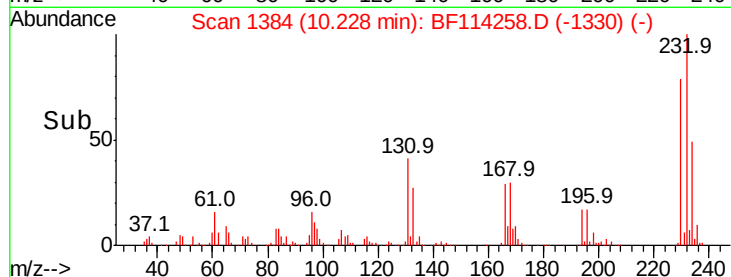


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.260 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

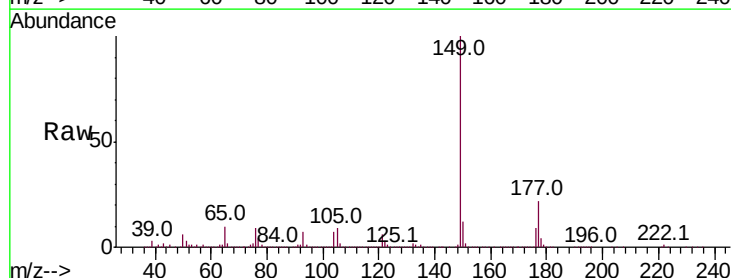
Tgt Ion:149 Resp: 1072895

Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.6

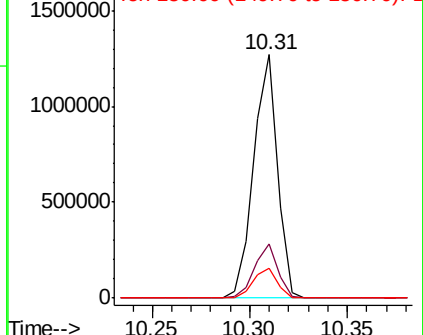
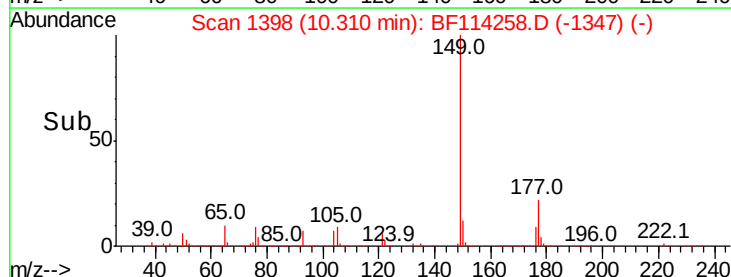
150 12.3 10.2 15.2

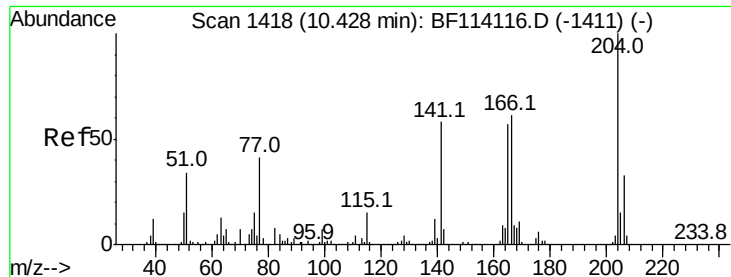


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

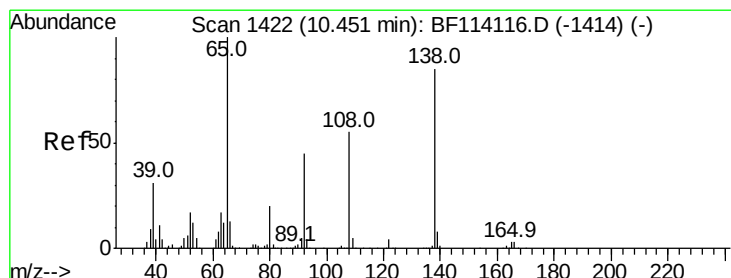
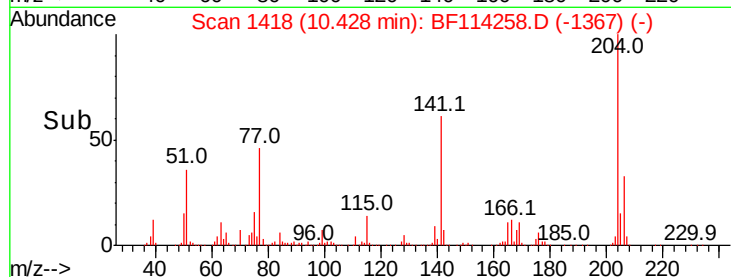
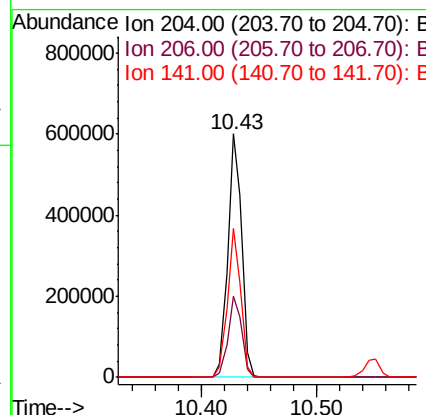
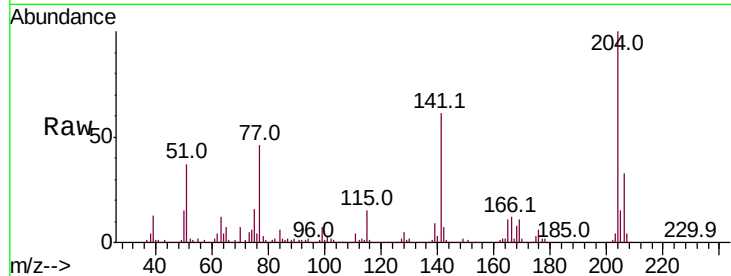




#61
 4-Chlorophenyl-phenylether
 Concen: 40.398 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

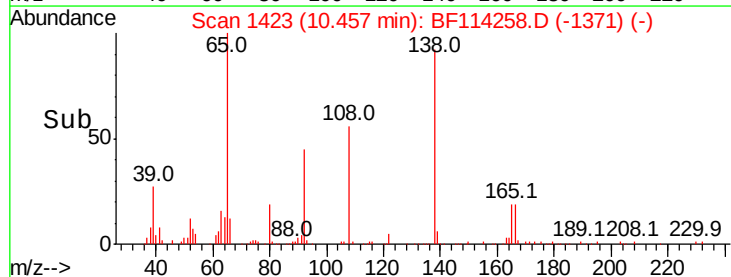
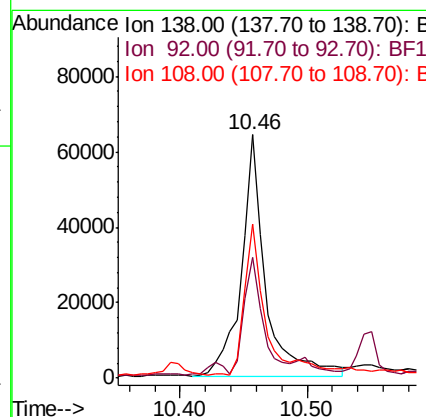
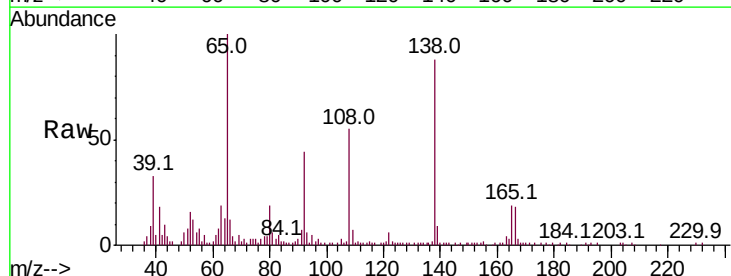
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

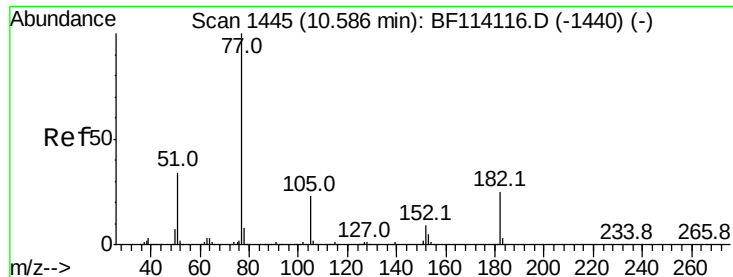
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	61.0	46.4	69.6



#62
 4-Nitroaniline
 Concen: 10.795 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	33.0	73.0
108	63.0	44.9	84.9





#63

Azobenzene

Concen: 39.427 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion: 77 Resp: 1042923

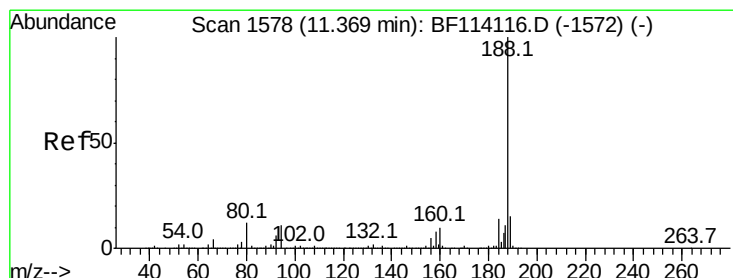
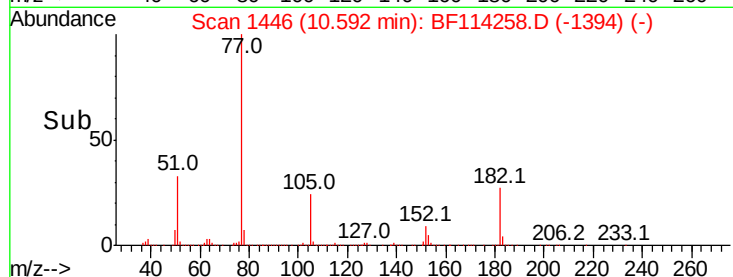
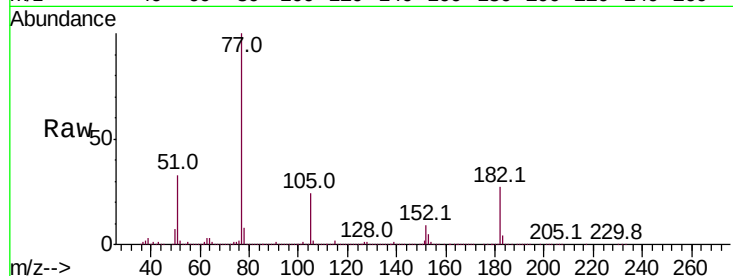
Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.7	44.7
105	24.2	2.9	42.9
51	33.2	14.6	54.6

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

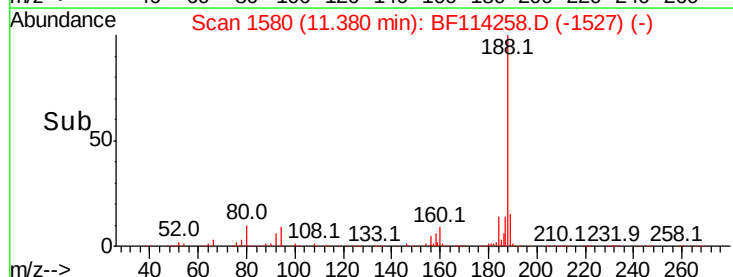
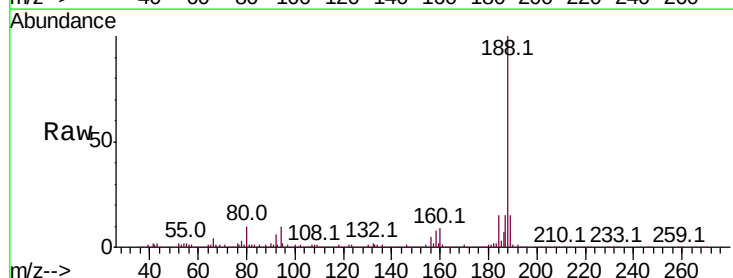
Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Tgt Ion: 188 Resp: 626917

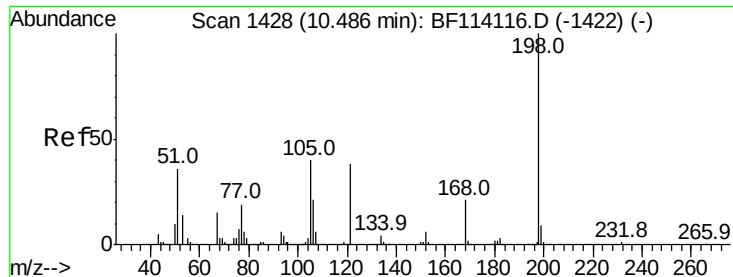
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	10.4	9.2	13.8



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: 30.504 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

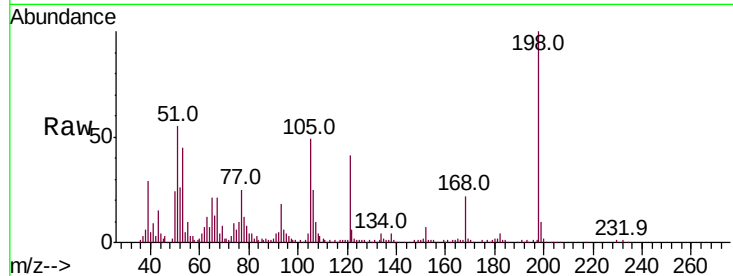
Tot Ion:198 Resp: 91891

Ion Ratio Lower Upper

198 100

51 54.7 28.0 68.0

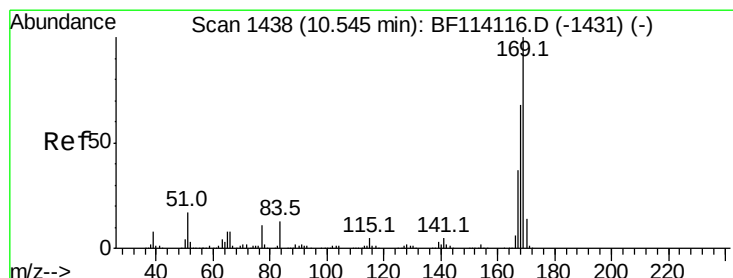
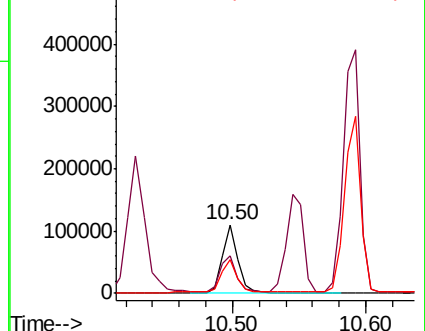
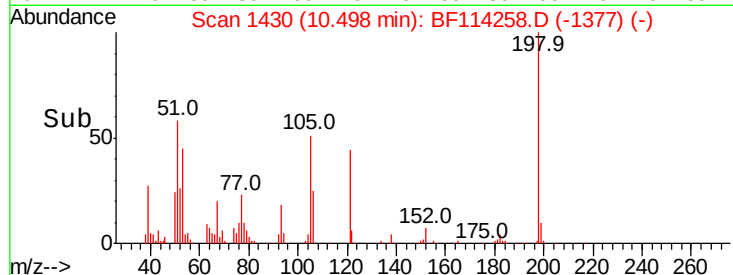
105 48.7 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.902 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

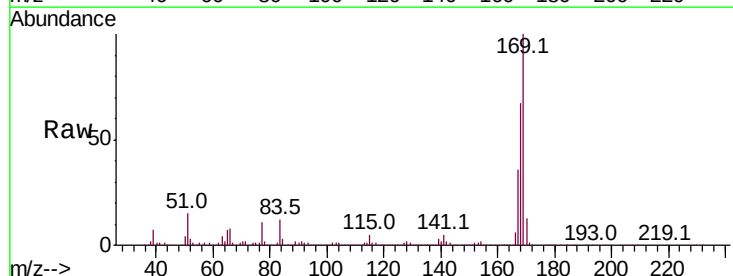
Tgt Ion:169 Resp: 854356

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

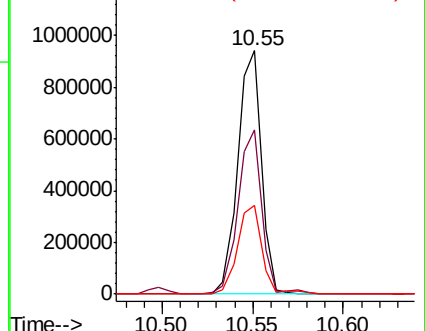
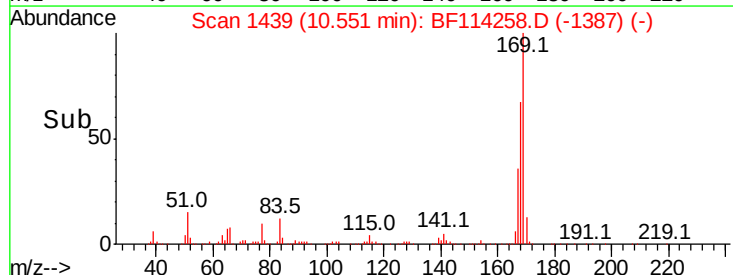
167 36.2 29.8 44.8

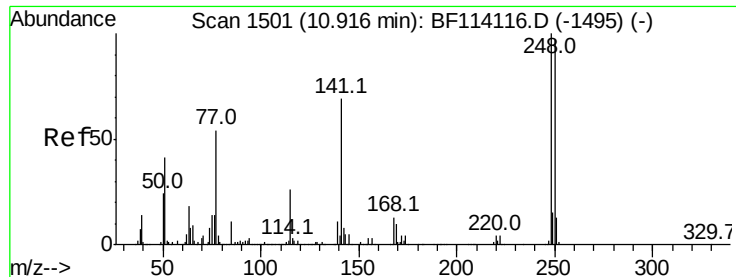


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

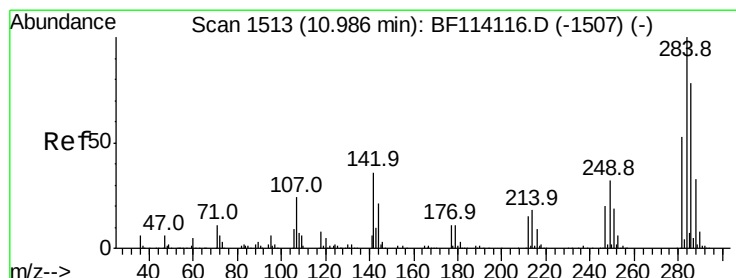
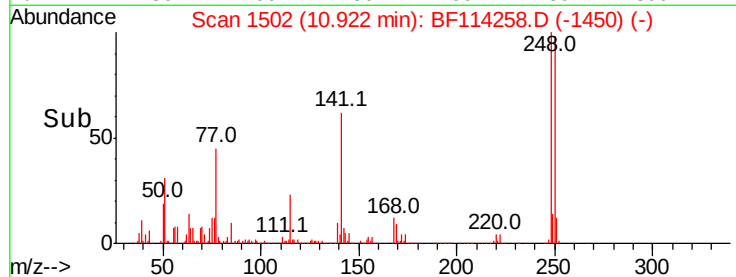
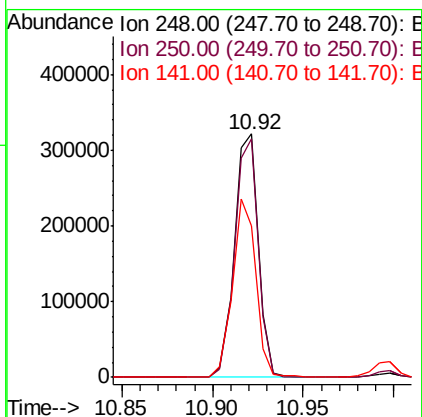
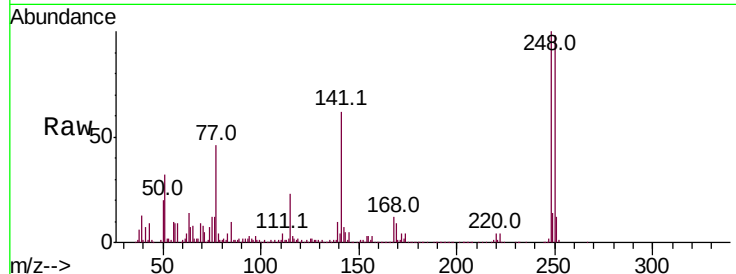




#67
4-Bromophenyl-phenylether
Concen: 42.692 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

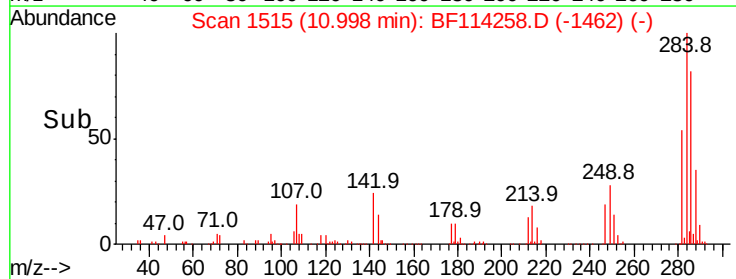
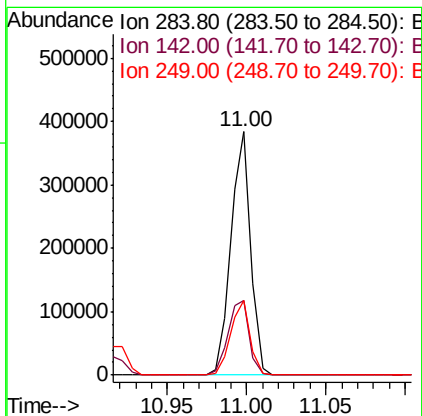
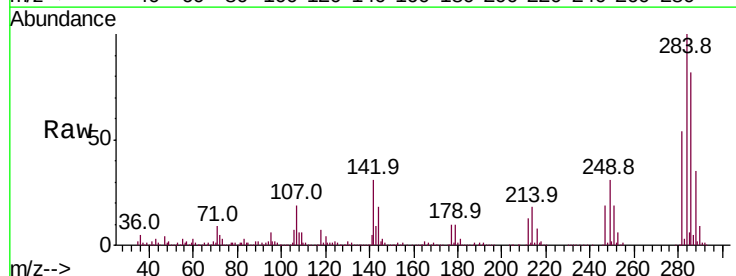
Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

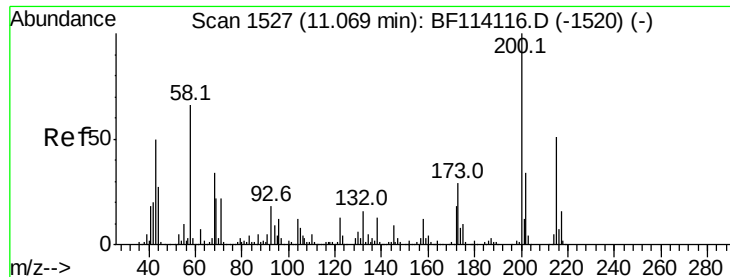
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.4	116.2
141	62.4	55.6	83.4



#68
Hexachlorobenzene
Concen: 43.350 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	28.4	42.6
249	30.8	25.2	37.8

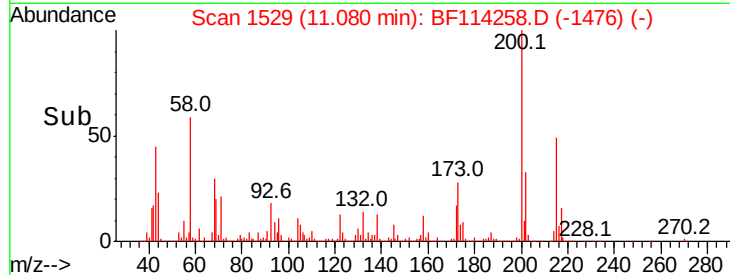
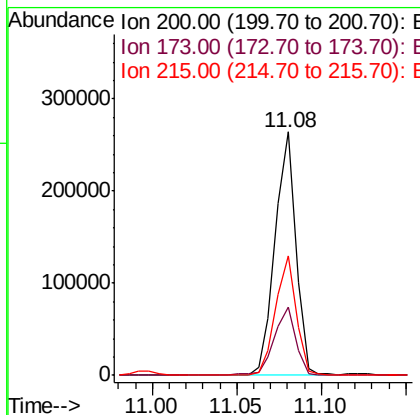
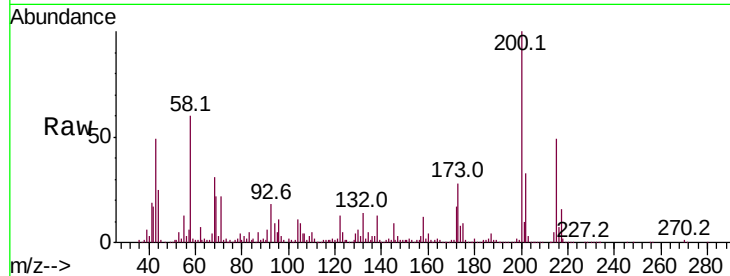




#69
 Atrazine
 Concen: 37.864 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

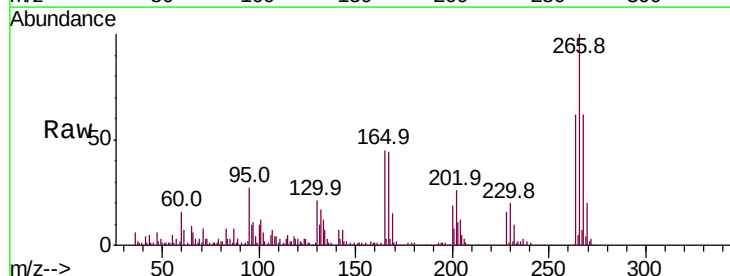
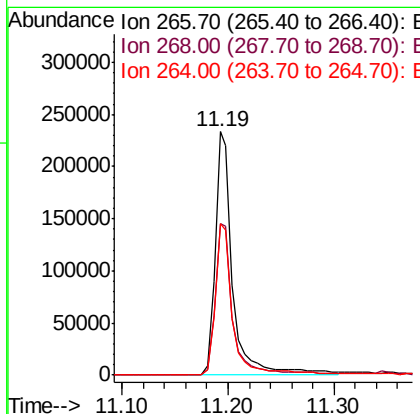
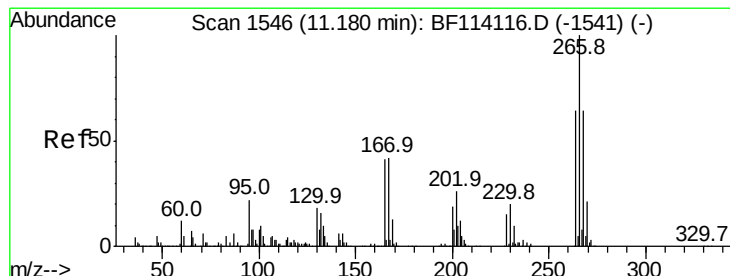
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

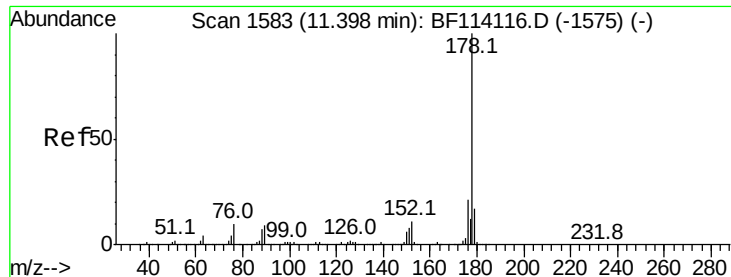
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.9	48.9
215	48.8	30.7	70.7



#70
 Pentachlorophenol
 Concen: 76.221 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.1	76.7
264	62.0	51.1	76.7

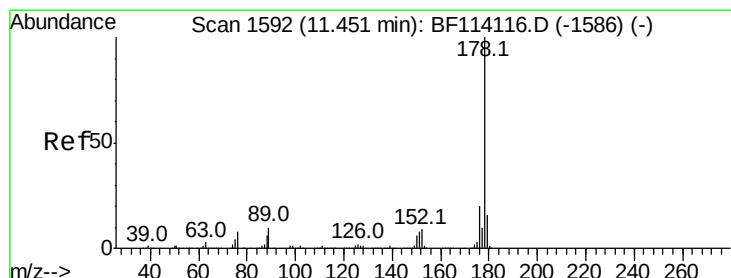
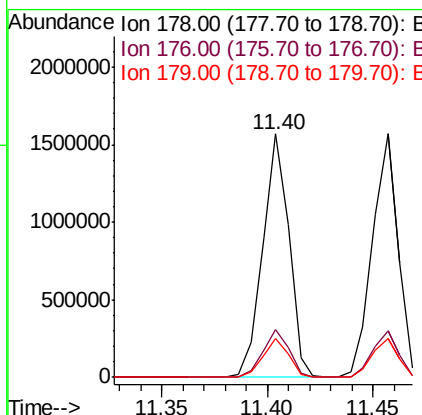
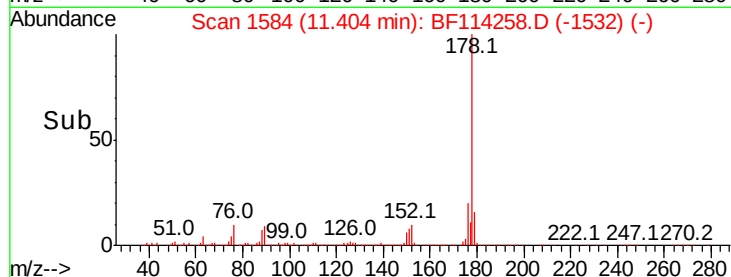
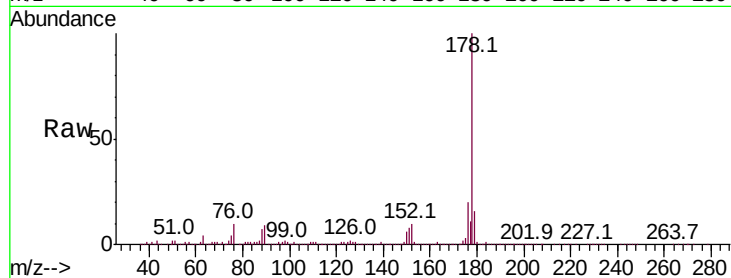




#71
Phenanthrene
Concen: 44.432 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

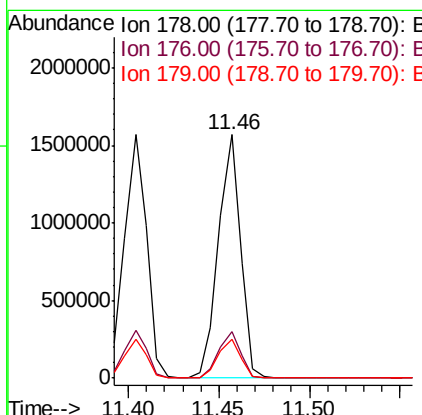
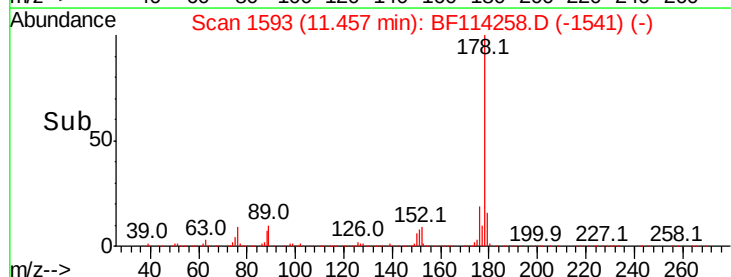
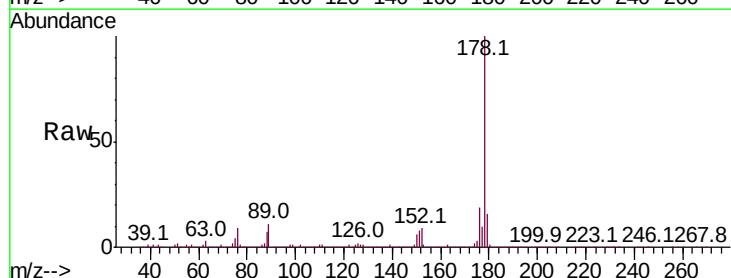
Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

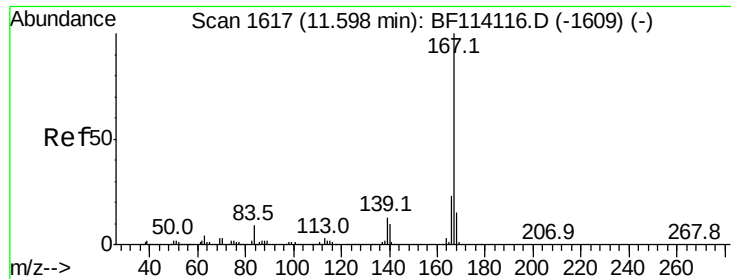
Tot Ion:178 Resp: 1355183
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 16.2 13.2 19.8



#72
Anthracene
Concen: 43.640 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion:178 Resp: 1336909
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.8 13.0 19.4

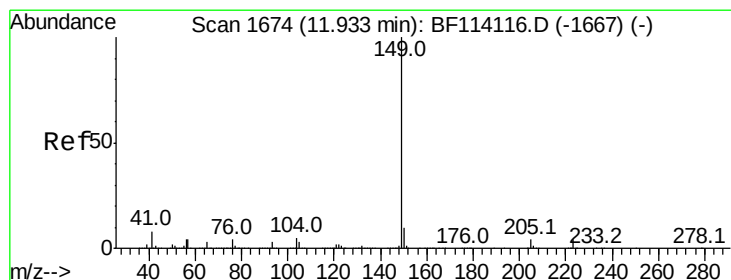
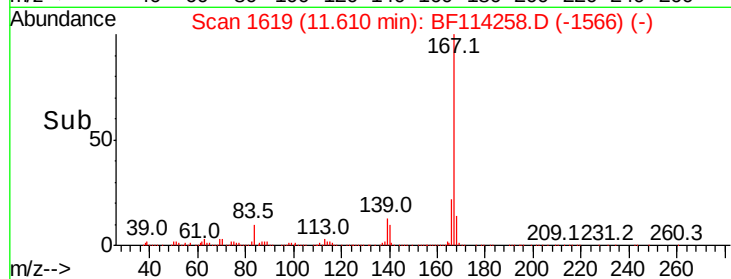
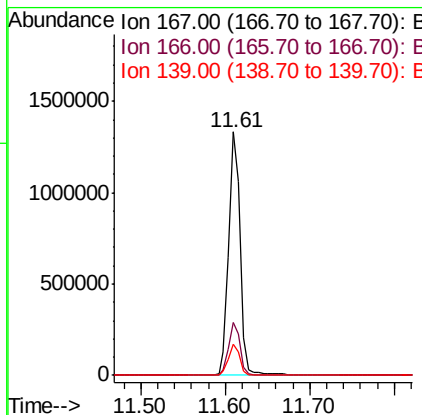
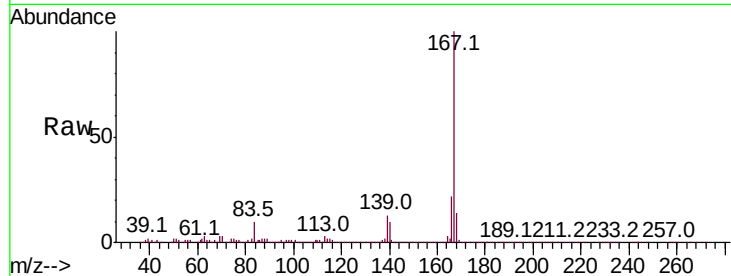




#73
 Carbazole
 Concen: 42.112 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

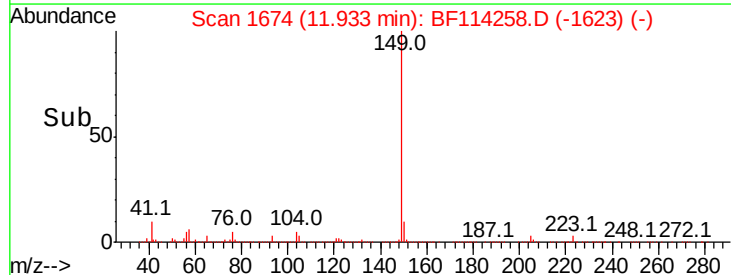
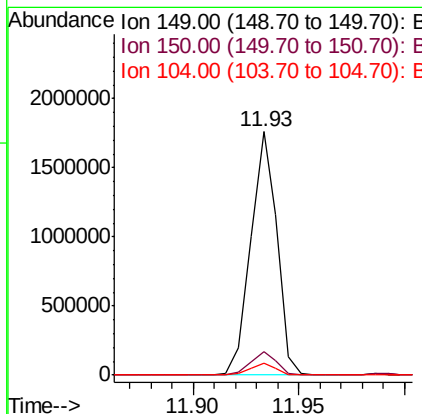
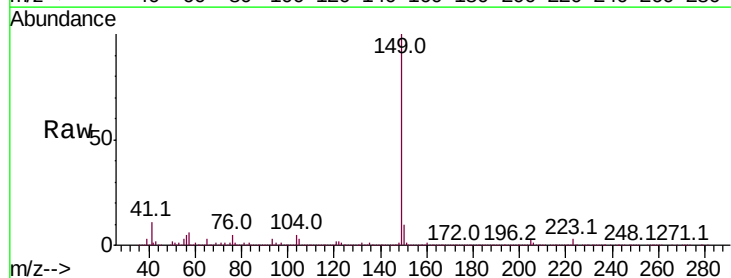
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MSD

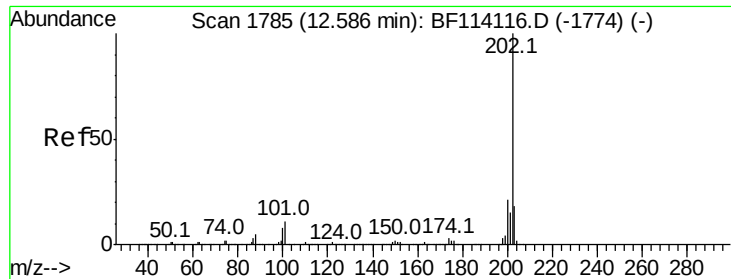
Tot Ion:167 Resp: 1230229
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.734 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114258.D
 Acq: 14 May 2019 17:33

Tgt Ion:149 Resp: 1505555
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 46.519 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

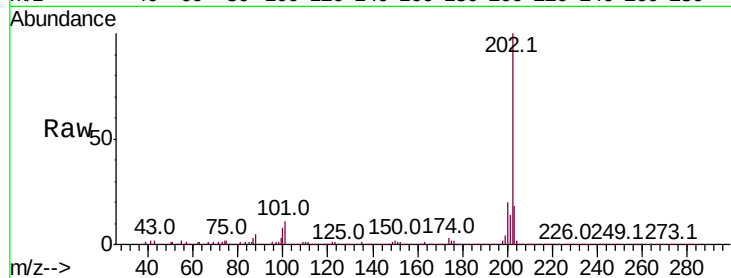
Tot Ion:202 Resp: 1527909

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.0

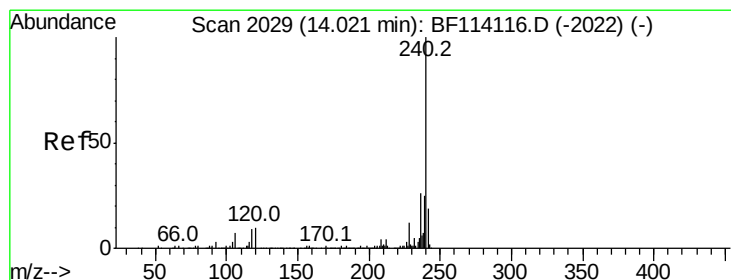
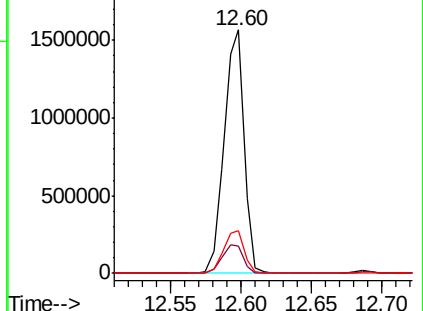
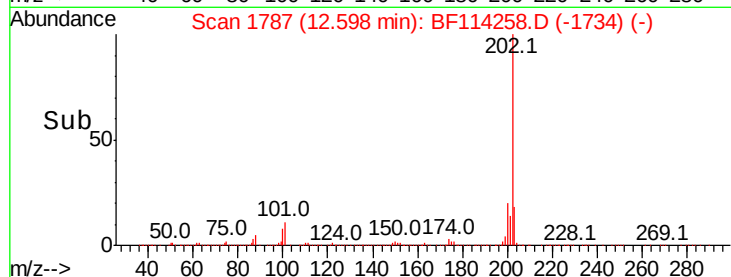
203 17.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

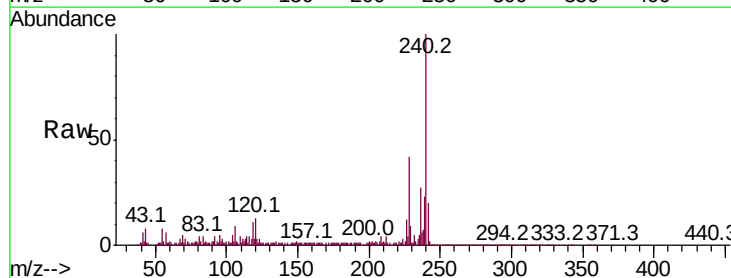
Tgt Ion:240 Resp: 488416

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

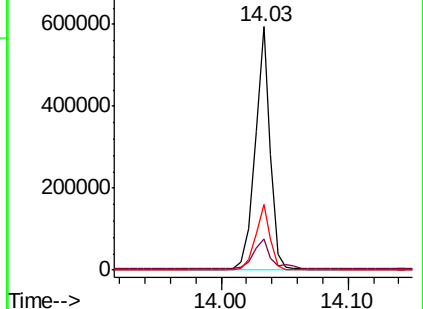
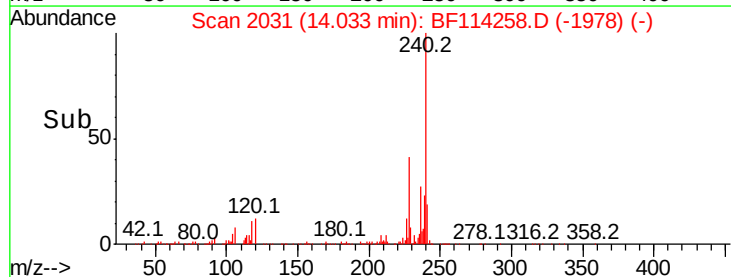
236 26.9 20.8 31.2

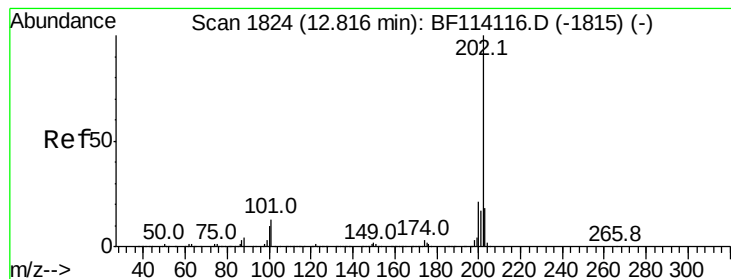


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 40.969 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

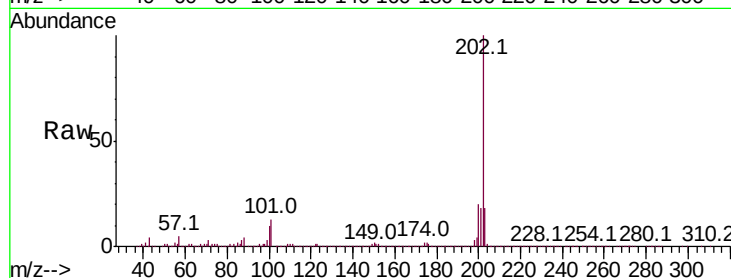
Tot Ion:202 Resp: 1609681

Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

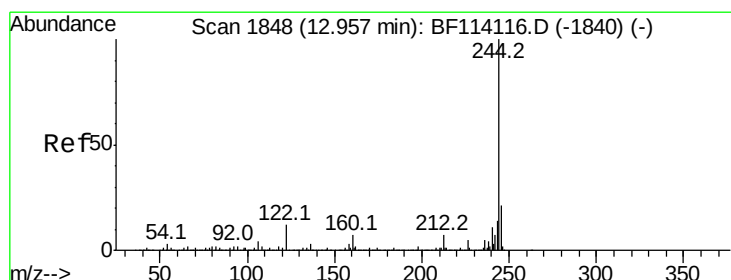
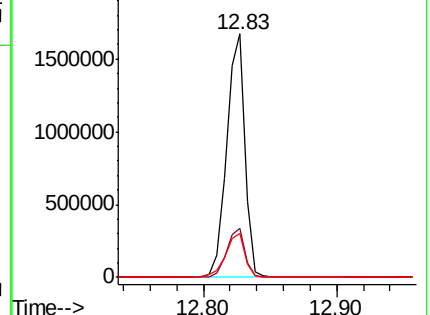
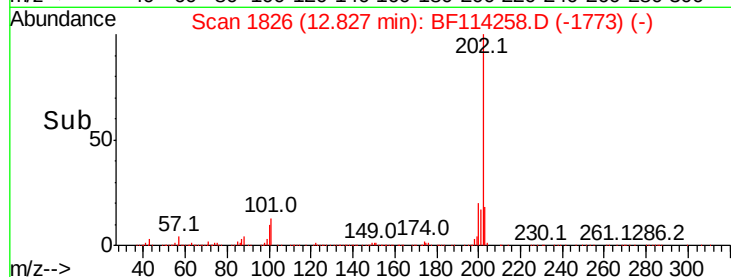
203 17.9 14.5 21.7



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: 70.232 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

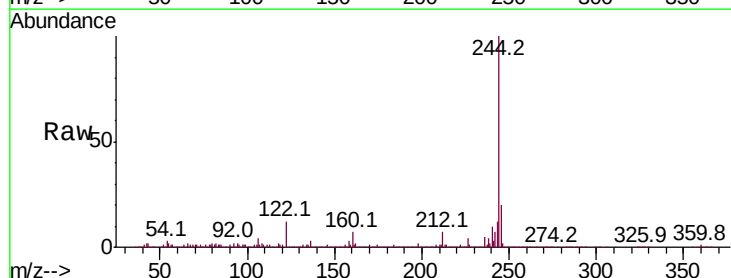
Tgt Ion:244 Resp: 1664016

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

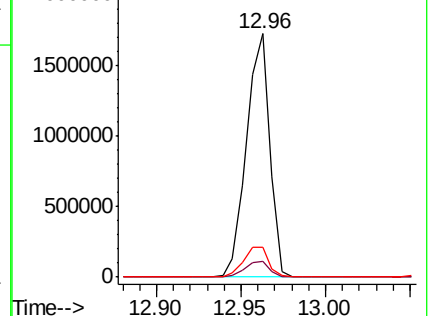
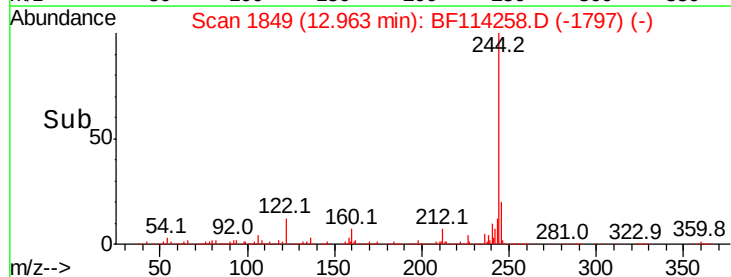
122 12.1 9.4 14.2

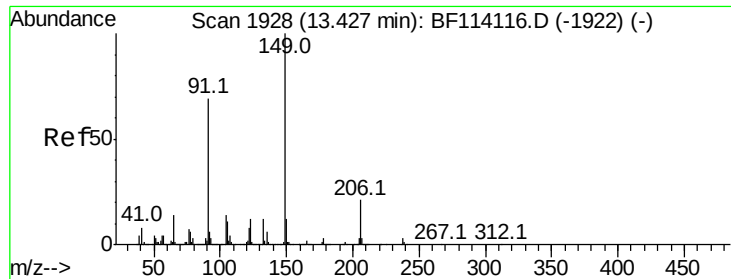


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

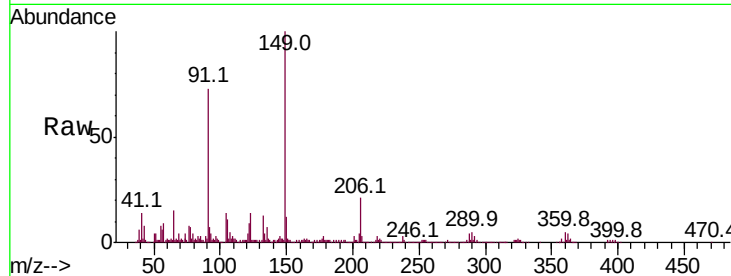




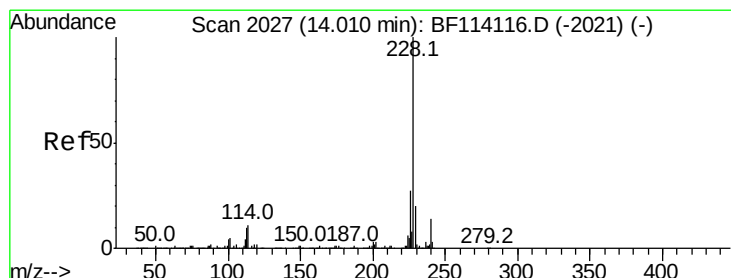
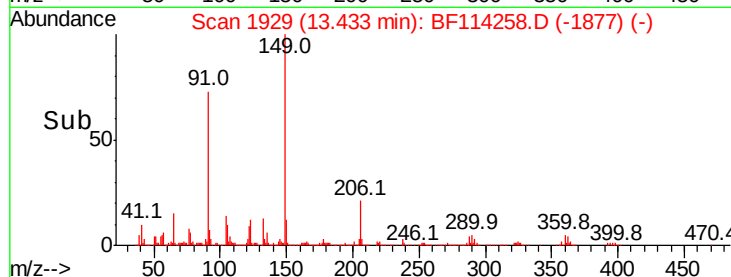
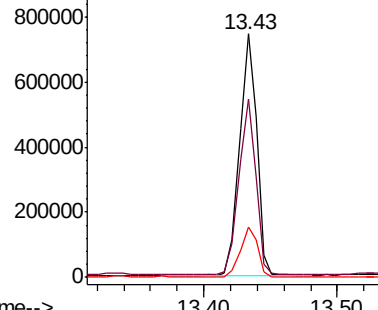
#80
Butylbenzylphthalate
Concen: 39.941 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	55.0	82.4
206	20.9	16.9	25.3

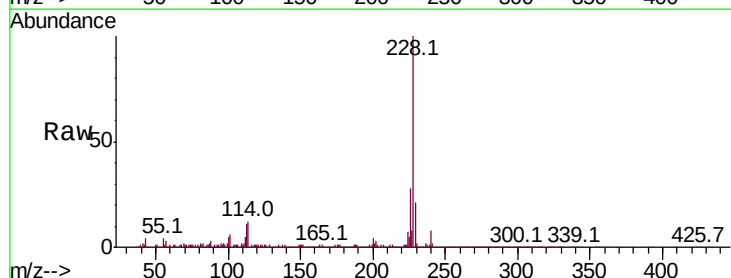


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

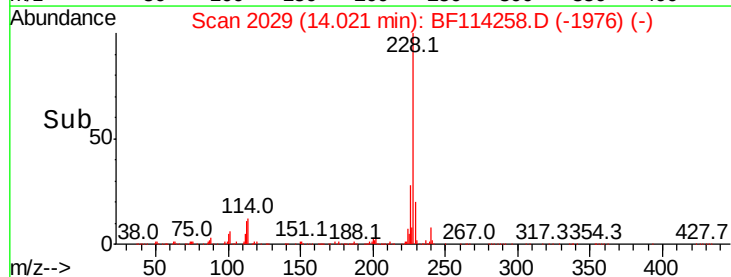
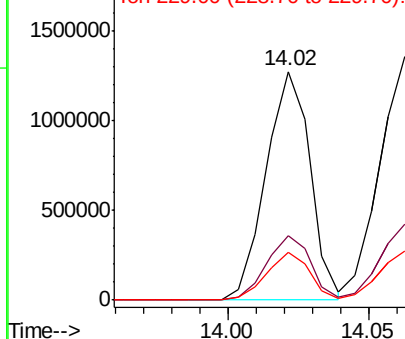


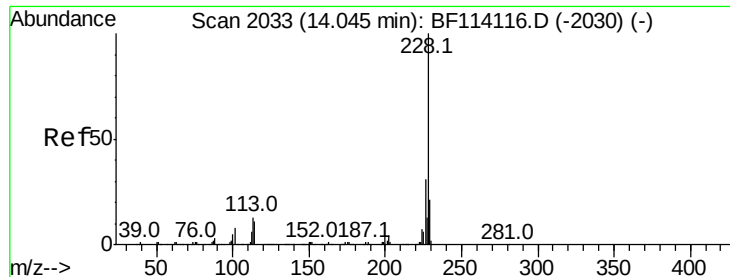
#81
Benzo(a)anthracene
Concen: 43.673 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	20.6	16.4	24.6



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





#83

Chrysene

Concen: 39.640 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

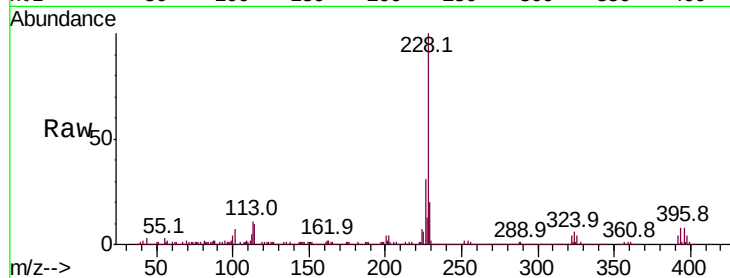
Tot Ion:228 Resp: 1227542

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

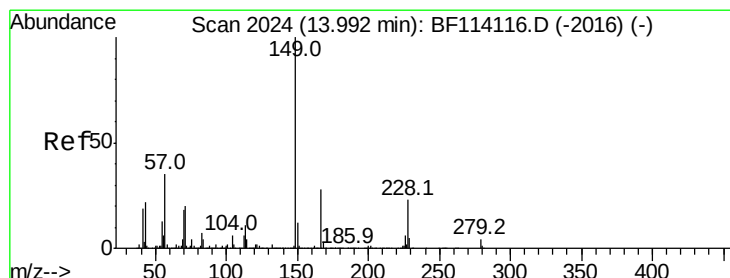
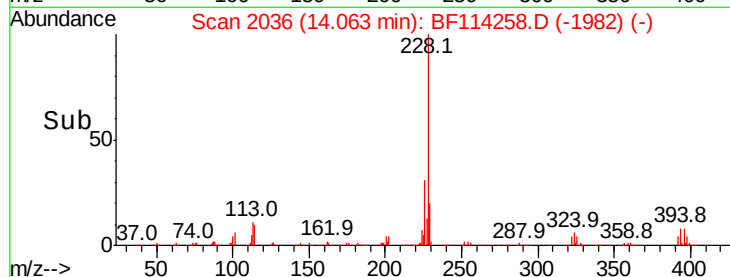
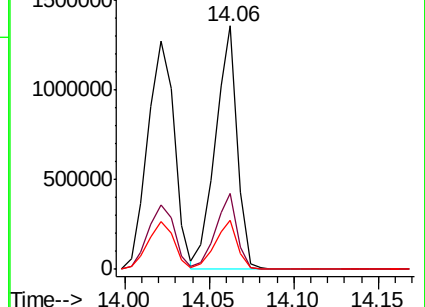
229 20.2 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.097 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

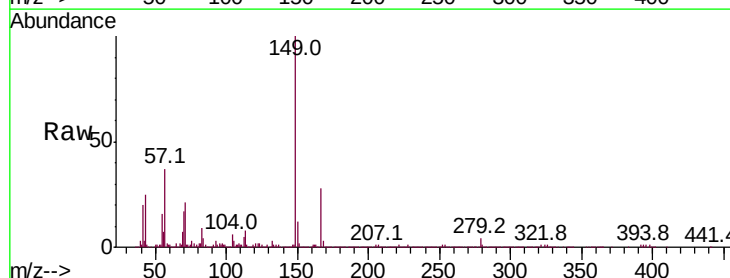
Tgt Ion:149 Resp: 997044

Ion Ratio Lower Upper

149 100

167 27.9 22.6 33.8

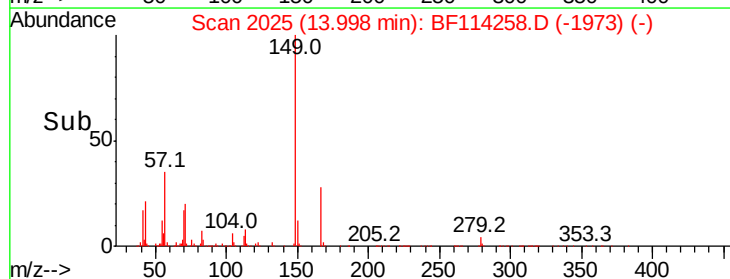
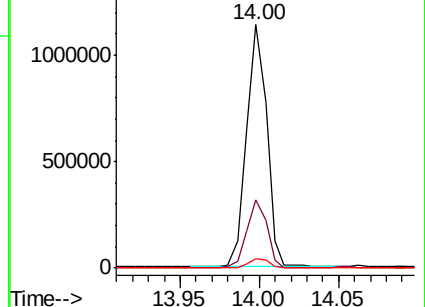
279 4.0 3.0 4.6

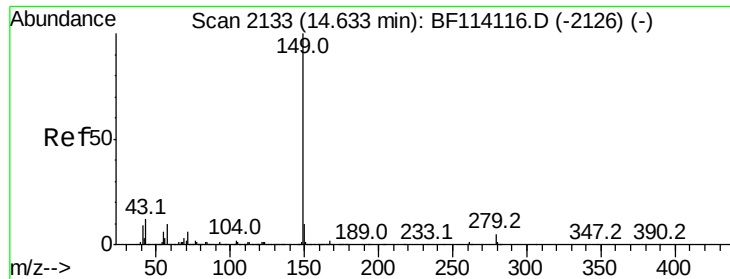


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.033 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

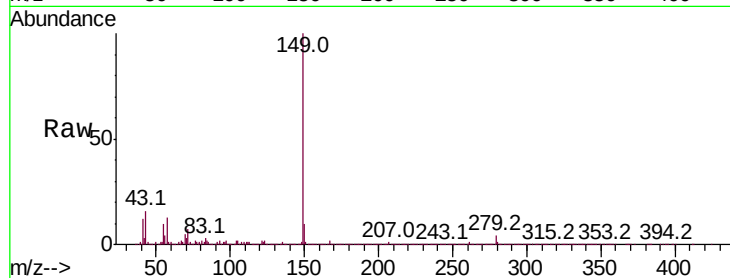
Tot Ion:149 Resp: 1754286

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

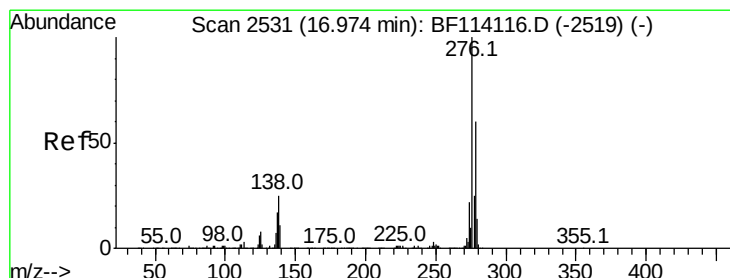
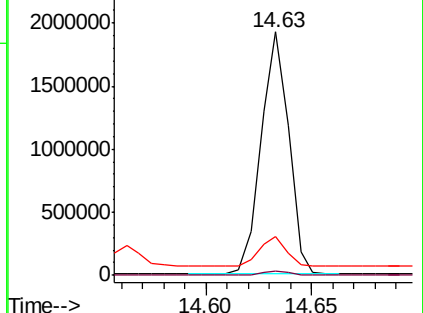
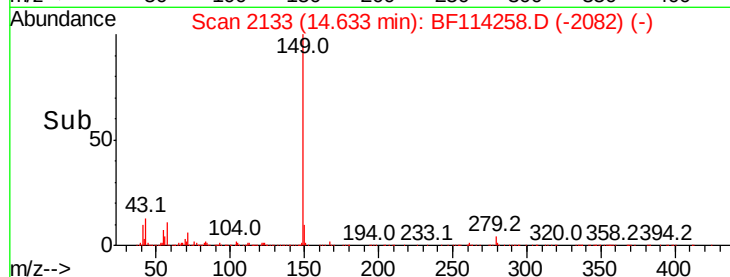
43 12.8 10.1 15.1



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: 41.177 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.06 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

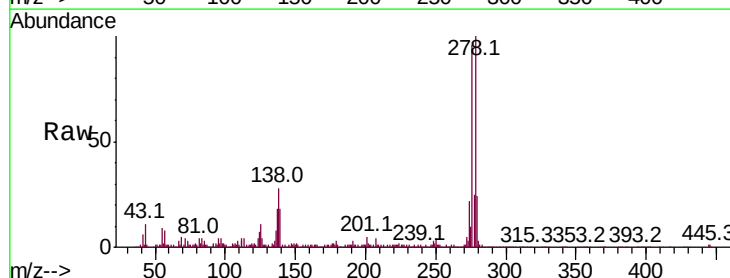
Tgt Ion:276 Resp: 1126944

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

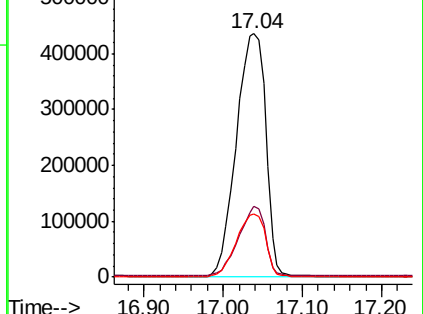
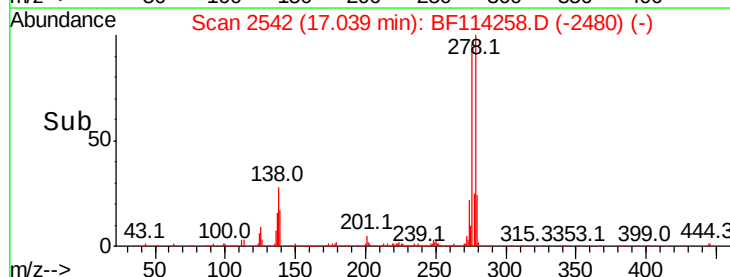
277 25.4 20.0 30.0

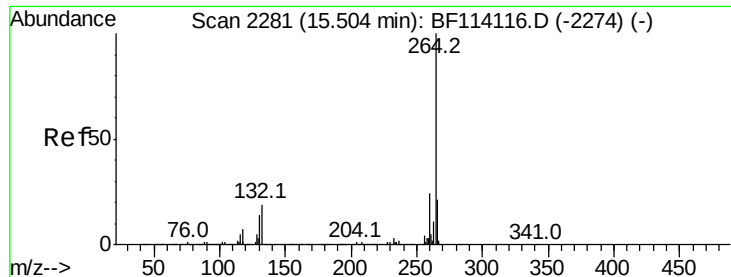


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.53 min Scan# 2286

Delta R.T. 0.03 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

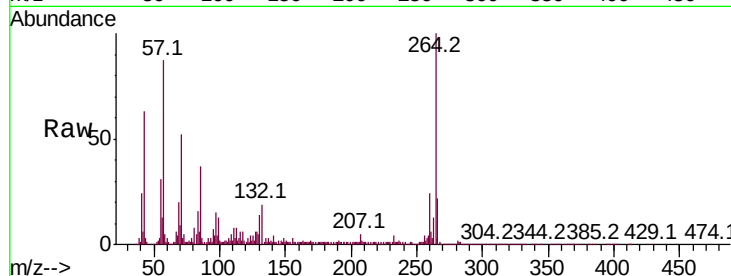
Tot Ion:264 Resp: 488281

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

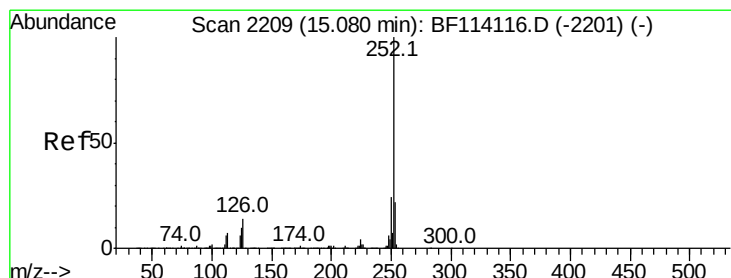
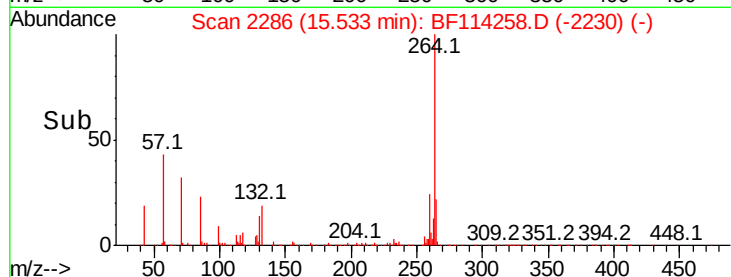
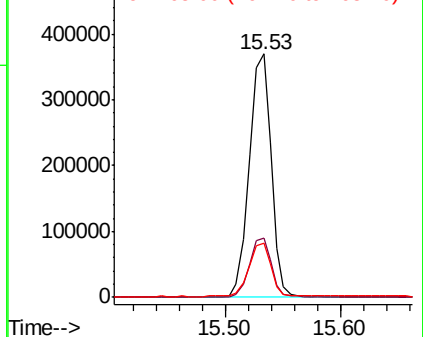
265 22.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.098 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

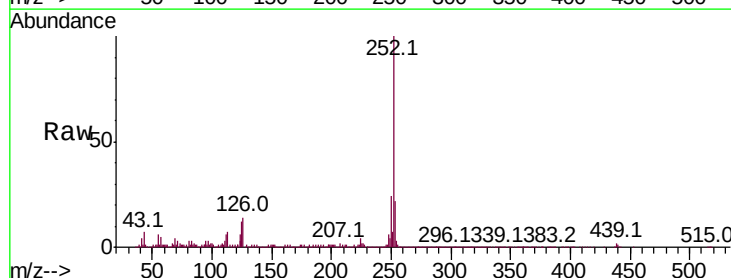
Tgt Ion:252 Resp: 1442056

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

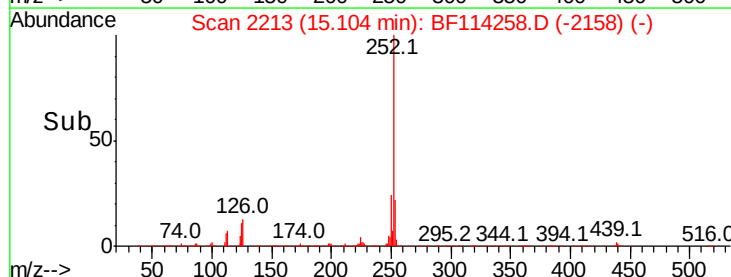
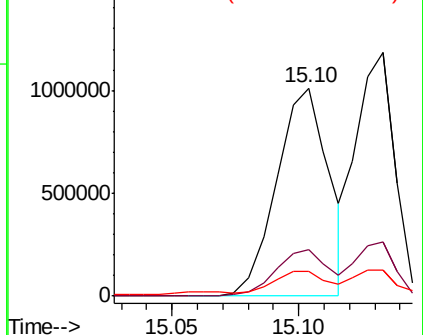
125 11.8 8.3 12.5

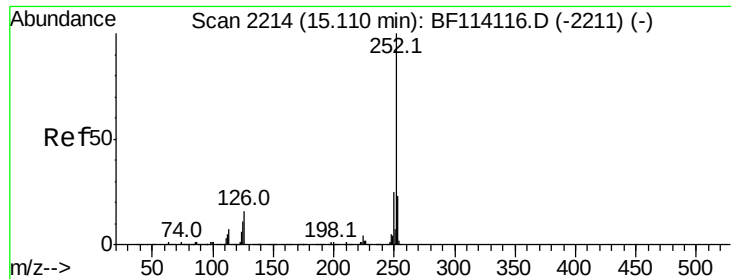


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

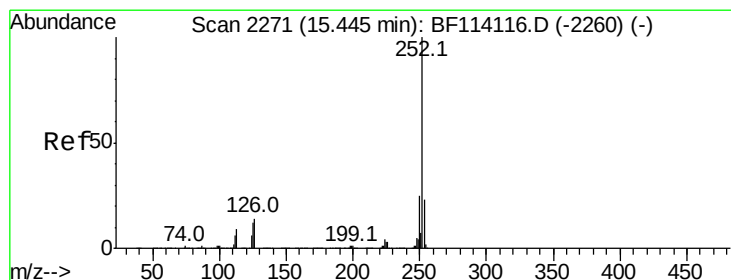
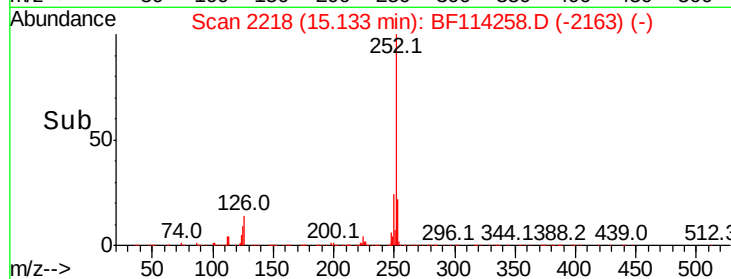
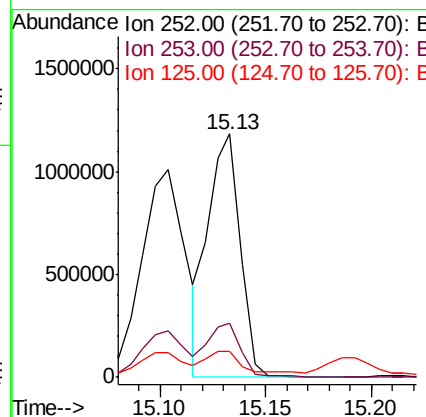
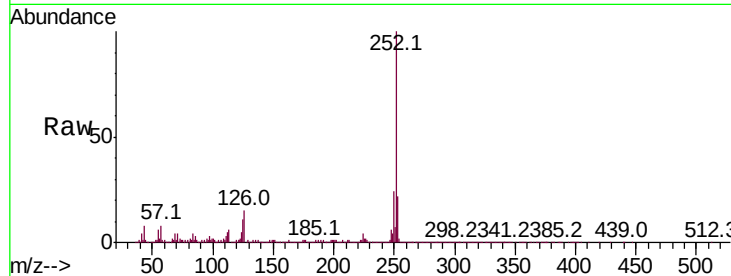




#89
Benzo(k)fluoranthene
Concen: 43.372 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

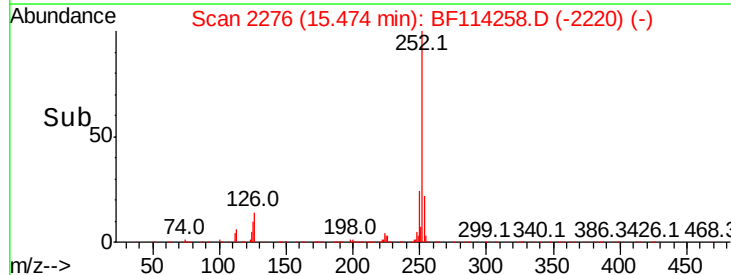
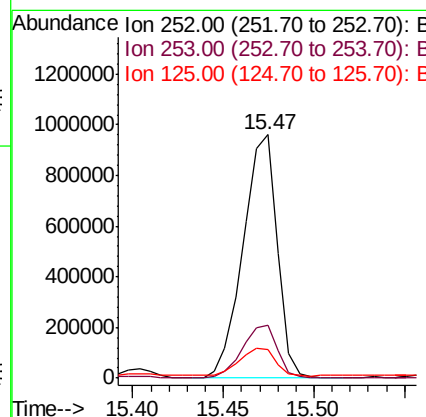
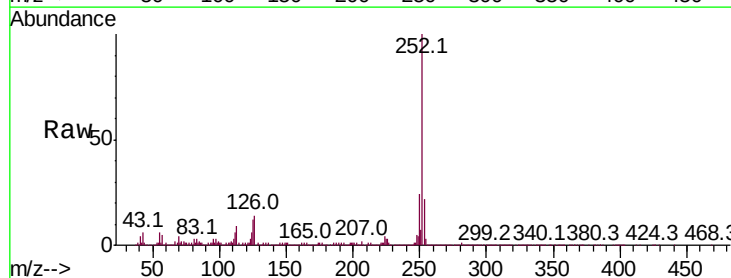
Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

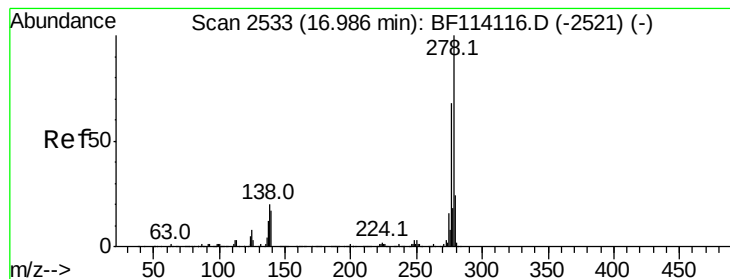
Tot Ion:252 Resp: 1246335
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.8 8.6 13.0



#90
Benzo(a)pyrene
Concen: 45.482 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF114258.D
Acq: 14 May 2019 17:33

Tgt Ion:252 Resp: 1252164
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 41.560 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.06 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

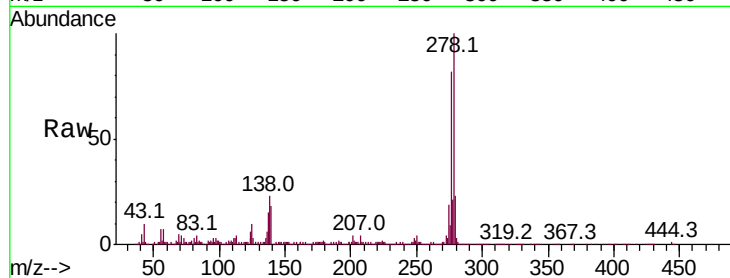
Tot Ion:278 Resp: 950757

Ion Ratio Lower Upper

278 100

139 17.7 13.5 20.3

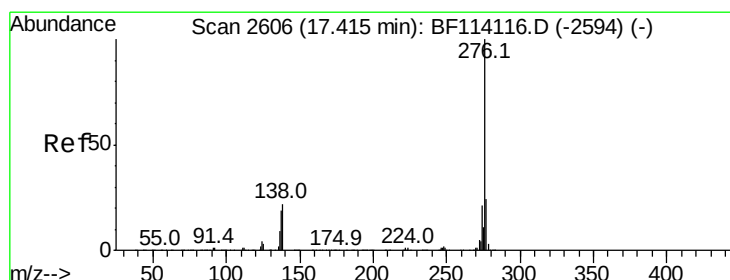
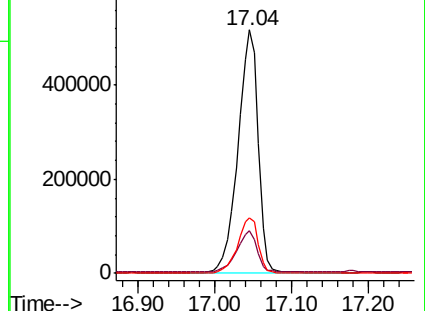
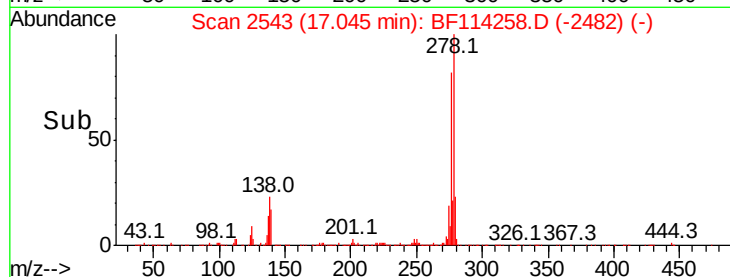
279 23.0 19.0 28.6



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: 41.043 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.07 min

Lab File: BF114258.D

Acq: 14 May 2019 17:33

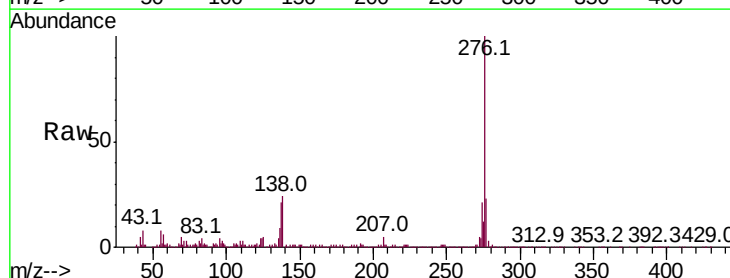
Tgt Ion:276 Resp: 940959

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 23.6 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

