

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114287.D
 Acq On : 15 May 2019 16:28
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 15 17:04:03 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	6.85	152	276300	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1072585	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	495436	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	973407	20.00	ng	0.00
76) Chrysene-d12	14.02	240	653057	20.00	ng	0.00
87) Perylene-d12	15.50	264	574380	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1302683	75.87	ng	0.00
7) Phenol-d6	6.50	99	1632959	80.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	1572029	82.25	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	381777	74.54	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2445021	74.65	ng	0.00
79) Terphenyl-d14	12.96	244	2450828	77.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	332878	35.273	ng	98
3) Pyridine	3.38	79	946157	36.388	ng	95
4) n-Nitrosodimethylamine	3.33	42	456108	36.376	ng	93
6) Aniline	6.52	93	1102882	37.598	ng	# 45
8) 2-Chlorophenol	6.65	128	755540	41.220	ng	94
9) Benzaldehyde	6.40	77	516451	36.328	ng	98
10) Phenol	6.52	94	923354	38.653	ng	# 73
11) bis(2-Chloroethyl)ether	6.59	93	756872	41.734	ng	99
12) 1,3-Dichlorobenzene	6.79	146	820523	39.880	ng	99
13) 1,4-Dichlorobenzene	6.87	146	821860	39.641	ng	97
14) 1,2-Dichlorobenzene	7.02	146	753833	39.798	ng	98
15) Benzyl Alcohol	7.00	79	622764	39.321	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1389602	39.518	ng	85
17) 2-Methylphenol	7.12	107	590639	39.228	ng	# 94
18) Hexachloroethane	7.36	117	313951	40.342	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	500520	38.886	ng	98
20) 3+4-Methylphenols	7.27	107	715782	41.146	ng	# 72
22) Acetophenone	7.26	105	980335	41.258	ng	96
24) Nitrobenzene	7.43	77	813592	41.796	ng	100
25) Isophorone	7.67	82	1449036	40.880	ng	100
26) 2-Nitrophenol	7.75	139	411393	43.560	ng	99
27) 2,4-Dimethylphenol	7.79	122	557651	37.595	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	964082	41.919	ng	99
29) 2,4-Dichlorophenol	8.00	162	604817	40.949	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	671925	40.006	ng	99
31) Naphthalene	8.16	128	2045582	40.828	ng	99
32) Benzoic acid	7.93	122	427324	41.515	ng	97
33) 4-Chloroaniline	8.20	127	951602	41.680	ng	99
34) Hexachlorobutadiene	8.27	225	378055	39.560	ng	99
35) Caprolactam	8.58	113	216715	44.998	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	634852	42.701	ng	99
37) 2-Methylnaphthalene	8.85	142	1346152	41.644	ng	97
38) 1-Methylnaphthalene	8.95	142	1255958	41.258	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	607675	40.491	ng	100

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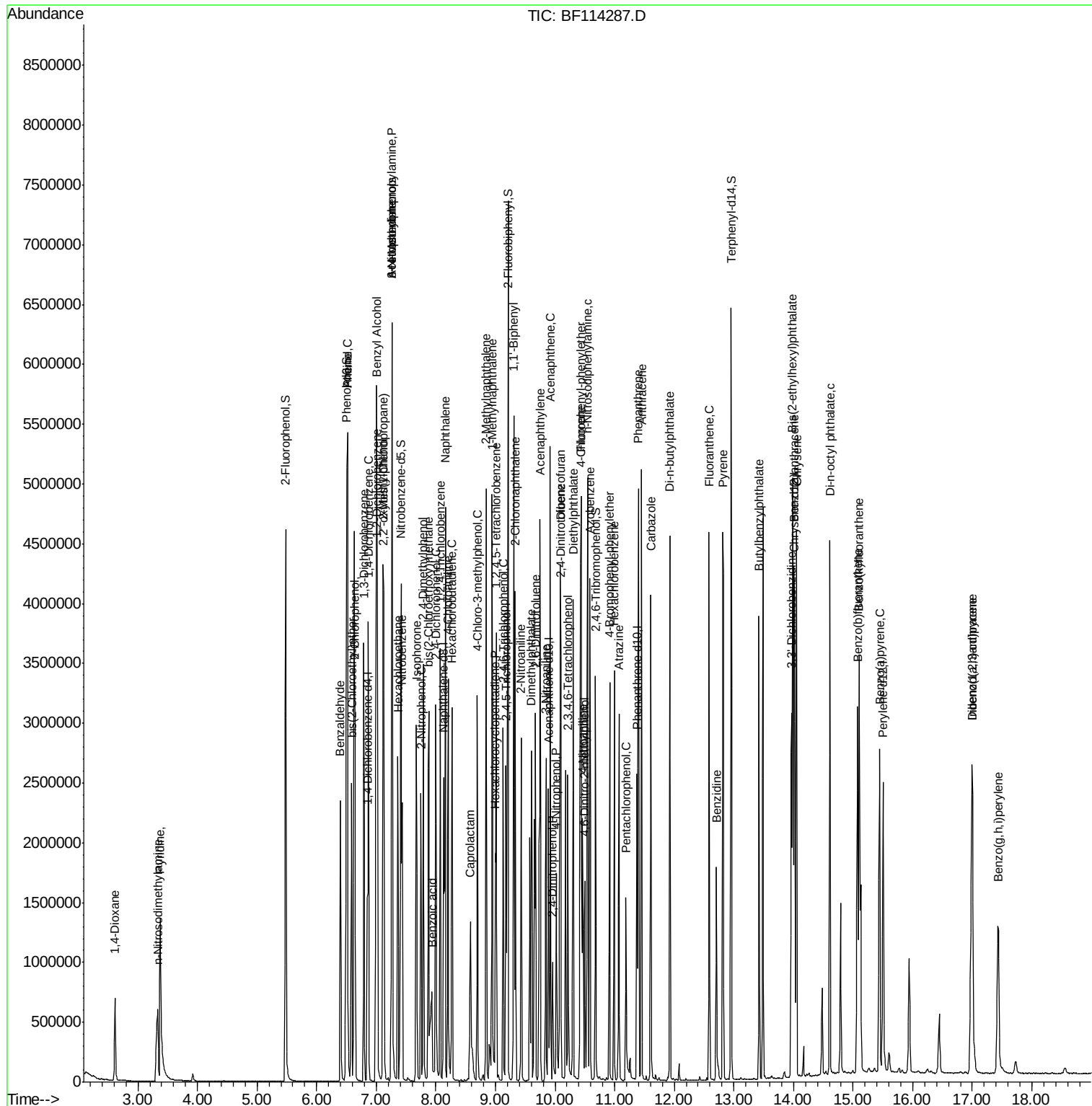
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	241656	37.018	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	425328	41.203	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	439081	41.476	ng	94
46) 1,1'-Biphenyl	9.31	154	1622060	40.527	ng	99
47) 2-Chloronaphthalene	9.34	162	1293347	40.152	ng	98
48) 2-Nitroaniline	9.43	65	489682	42.865	ng	97
49) Acenaphthylene	9.75	152	1961905	40.046	ng	99
50) Dimethylphthalate	9.61	163	1492072	41.025	ng	99
51) 2,6-Dinitrotoluene	9.67	165	333503	41.343	ng	96
52) Acenaphthene	9.92	154	1164584	38.738	ng	100
53) 3-Nitroaniline	9.85	138	424031	42.345	ng	99
54) 2,4-Dinitrophenol	9.96	184	149416	40.475	ng	98
55) Dibenzofuran	10.09	168	1691261	38.365	ng	99
56) 4-Nitrophenol	10.02	139	273883	38.676	ng	95
57) 2,4-Dinitrotoluene	10.08	165	428318	39.119	ng	# 88
58) Fluorene	10.44	166	1353987	39.764	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	345992	37.878	ng	99
60) Diethylphthalate	10.30	149	1446981	39.156	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	665552	39.796	ng	95
62) 4-Nitroaniline	10.46	138	438148	41.639	ng	99
63) Azobenzene	10.59	77	1433503	40.076	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	207143	44.286	ng	90
66) n-Nitrosodiphenylamine	10.55	169	1202930	40.718	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	425902	39.738	ng	97
68) Hexachlorobenzene	10.99	284	470063	39.646	ng	96
69) Atrazine	11.07	200	355771	38.697	ng	99
70) Pentachlorophenol	11.19	266	235021	41.815	ng	98
71) Phenanthrene	11.40	178	1902252	40.168	ng	99
72) Anthracene	11.45	178	1925414	40.478	ng	100
73) Carbazole	11.61	167	1866006	41.139	ng	98
74) Di-n-butylphthalate	11.93	149	2201633	42.131	ng	99
75) Fluoranthene	12.59	202	2027697	39.760	ng	98
77) Benzidine	12.70	184	783219	26.718	ng	97
78) Pyrene	12.82	202	2067395	39.353	ng	99
80) Butylbenzylphthalate	13.43	149	965592	43.667	ng	97
81) Benzo(a)anthracene	14.01	228	1766258	41.815	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	680919	41.555	ng	99
83) Chrysene	14.05	228	1674879	40.450	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1280558	44.279	ng	100
85) Di-n-octyl phthalate	14.61	149	2089694	44.574	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1392533	38.053	ng	98
88) Benzo(b)fluoranthene	15.07	252	1570896	42.690	ng	99
89) Benzo(k)fluoranthene	15.10	252	1562170	46.214	ng	99
90) Benzo(a)pyrene	15.44	252	1434211	44.286	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1152246	42.817	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1161693	43.076	ng	99

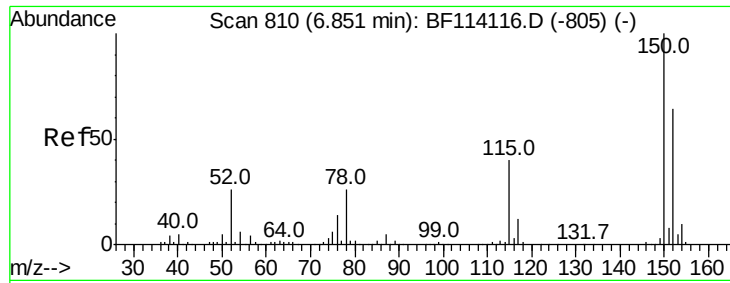
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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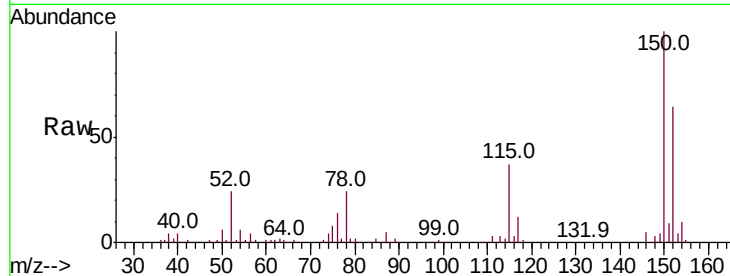


#1

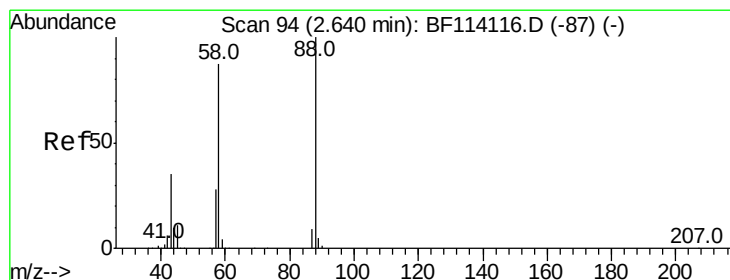
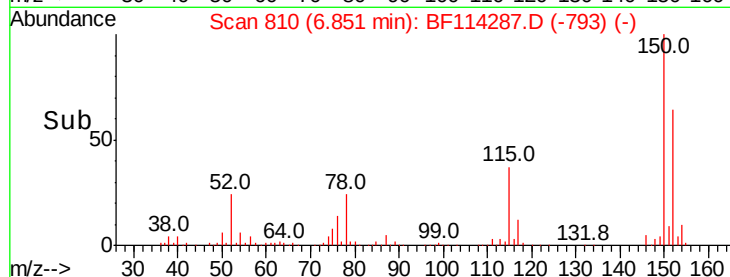
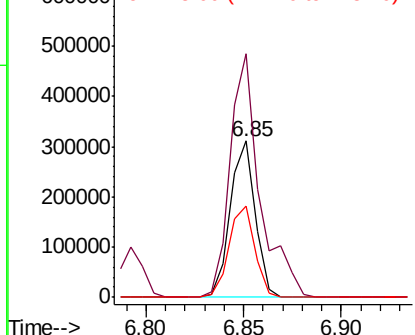
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:152 Resp: 276300
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.3 186.5
 115 58.4 49.1 73.7



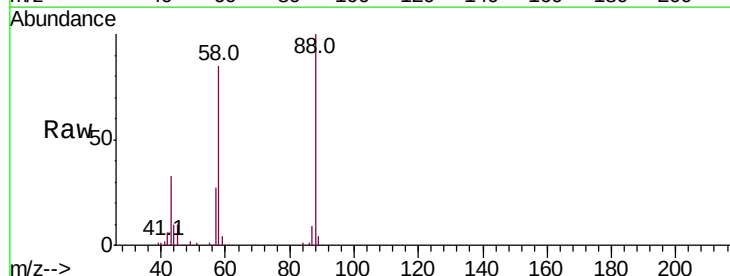
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



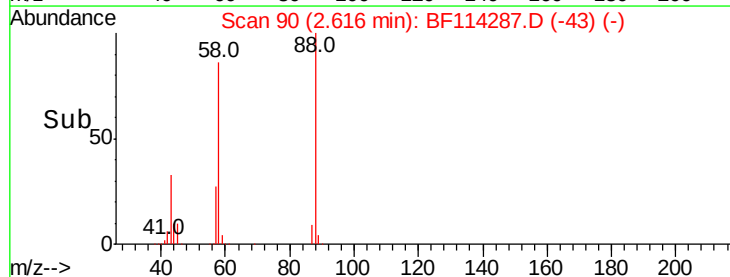
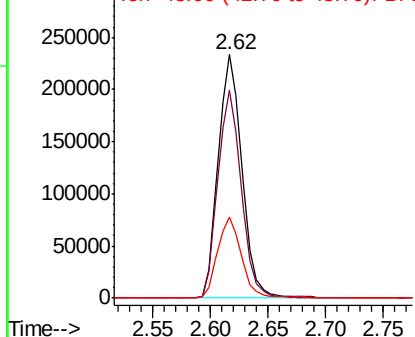
#2

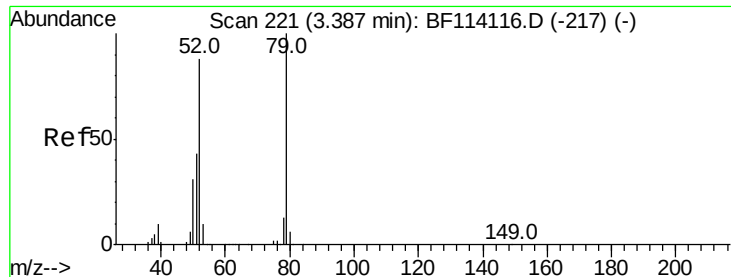
1,4-Dioxane
 Concen: 35.273 ng
 RT: 2.62 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion: 88 Resp: 332878
 Ion Ratio Lower Upper
 88 100
 58 84.4 68.7 103.1
 43 32.6 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: 36.388 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

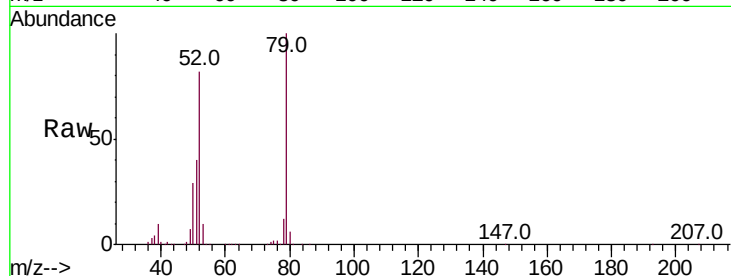
Tot Ion: 79 Resp: 946157

Ion Ratio Lower Upper

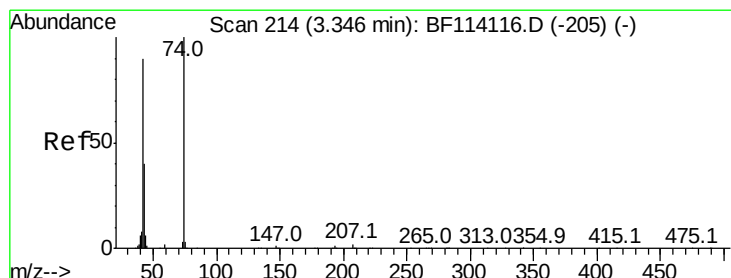
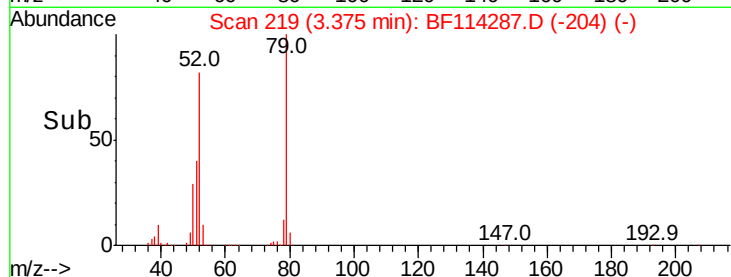
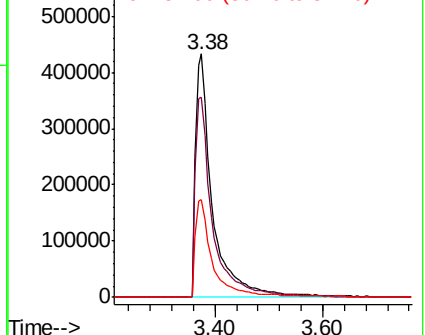
79 100

52 82.4 70.6 105.8

51 40.2 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.376 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

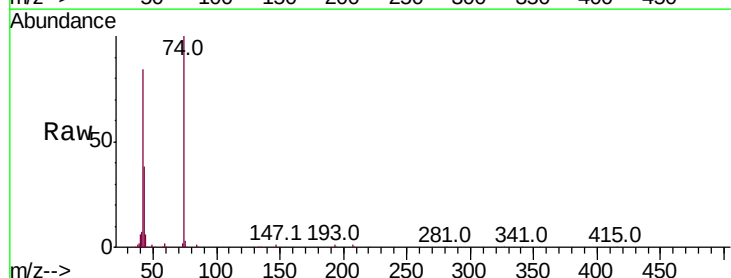
Tgt Ion: 42 Resp: 456108

Ion Ratio Lower Upper

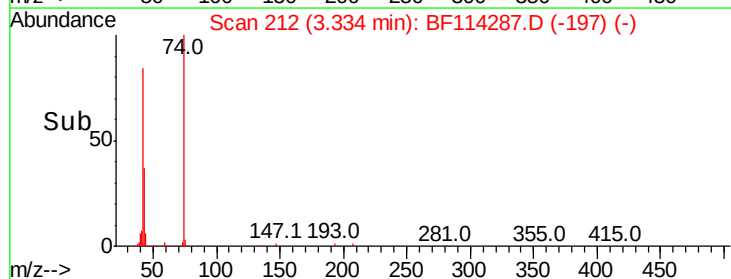
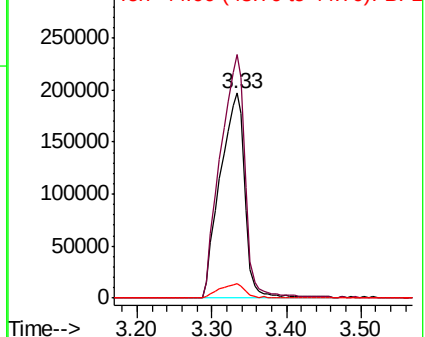
42 100

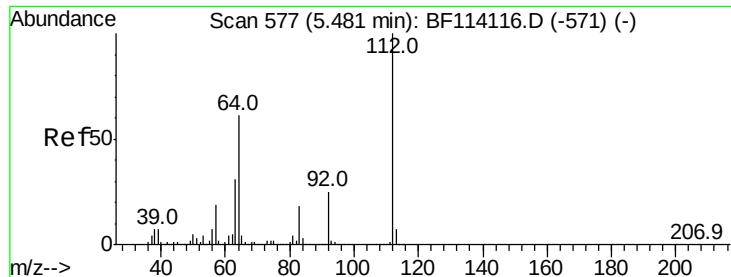
74 118.8 88.6 132.8

44 7.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.873 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

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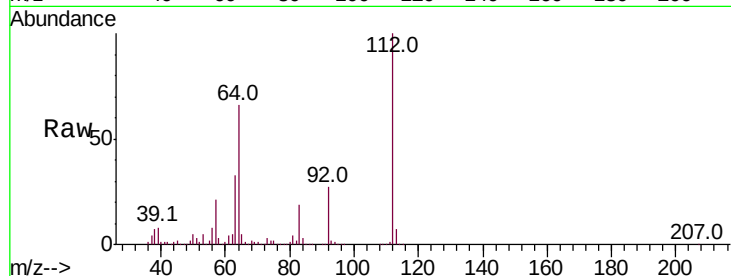
Tot Ion:112 Resp: 1302683

Ion Ratio Lower Upper

112 100

64 65.6 49.0 73.6

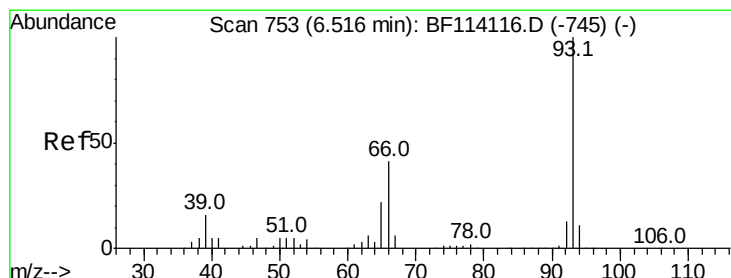
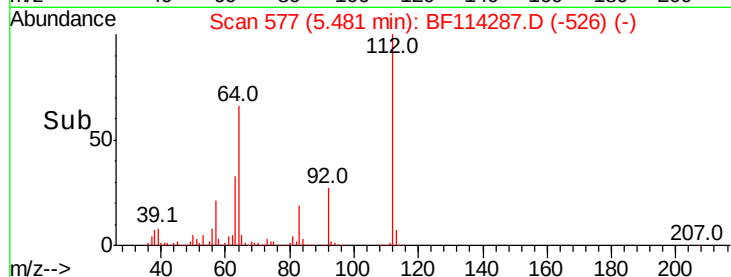
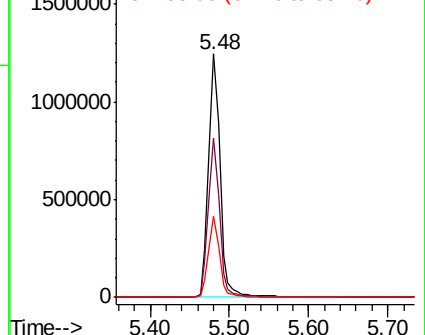
63 33.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.598 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

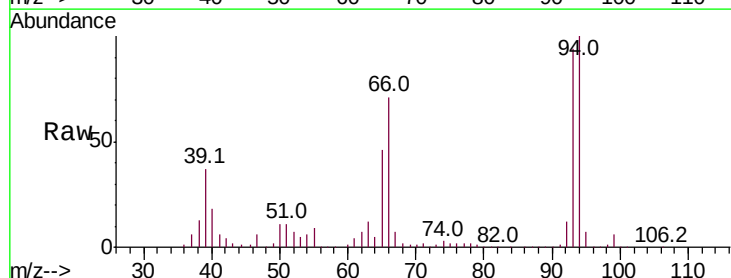
Tgt Ion: 93 Resp: 1102882

Ion Ratio Lower Upper

93 100

66 75.2 33.2 49.8#

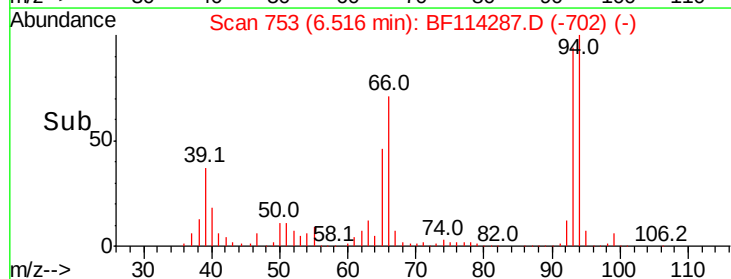
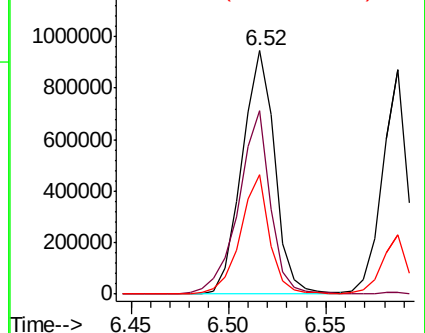
65 49.0 17.6 26.4#

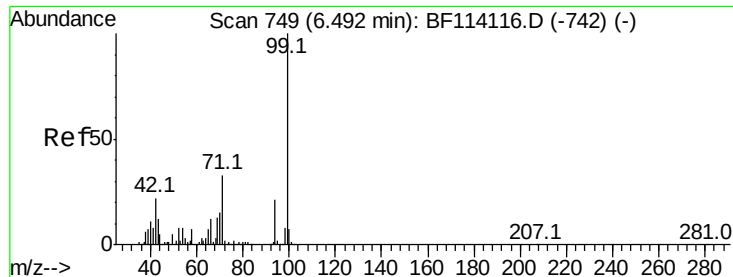


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.415 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

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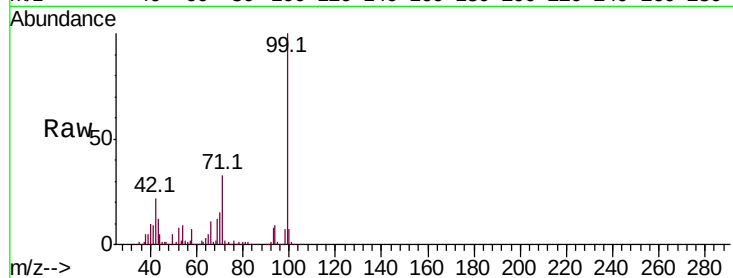
Tot Ion: 99 Resp: 1632959

Ion Ratio Lower Upper

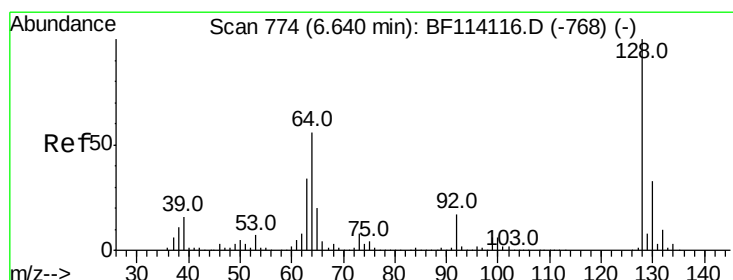
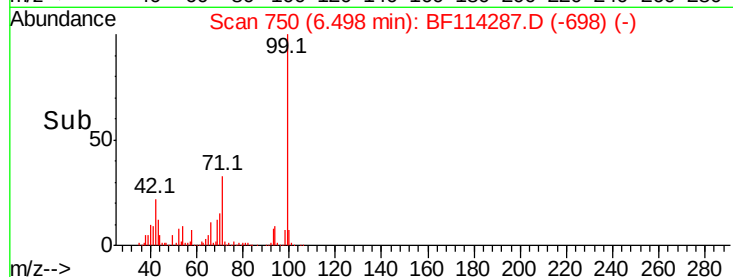
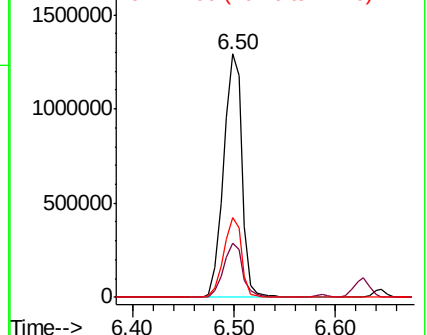
99 100

42 22.2 17.9 26.9

71 32.5 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.220 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114287.D

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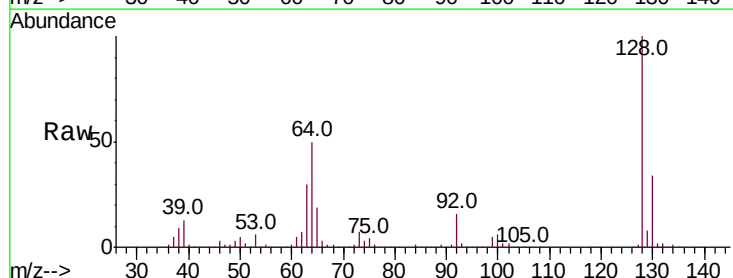
Tgt Ion:128 Resp: 755540

Ion Ratio Lower Upper

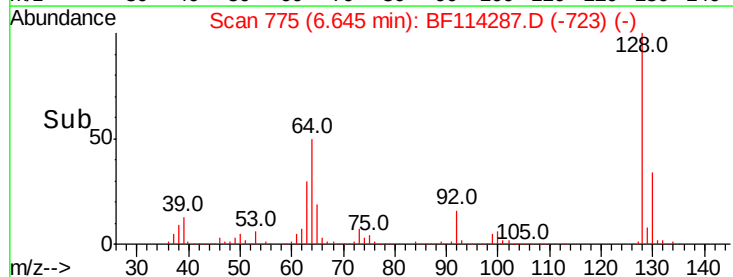
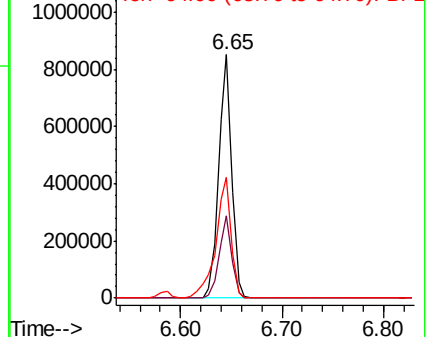
128 100

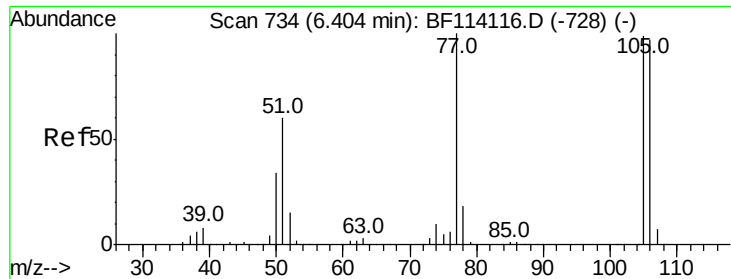
130 33.6 12.6 52.6

64 49.7 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: 36.328 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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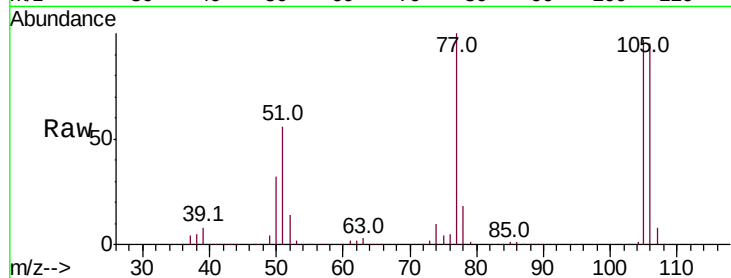
Tot Ion: 77 Resp: 516451

Ion Ratio Lower Upper

77 100

105 97.2 79.3 119.3

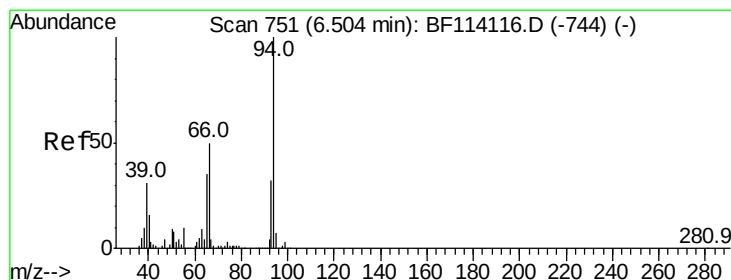
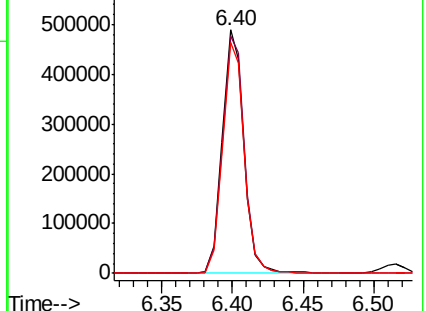
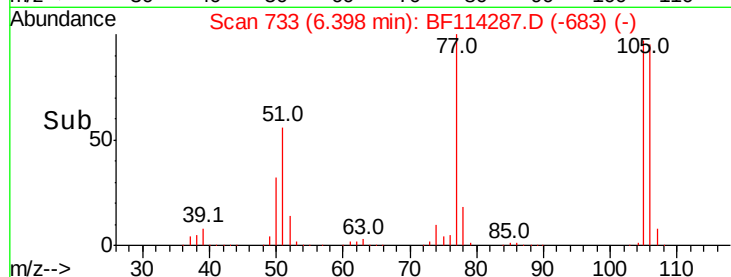
106 95.0 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.653 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

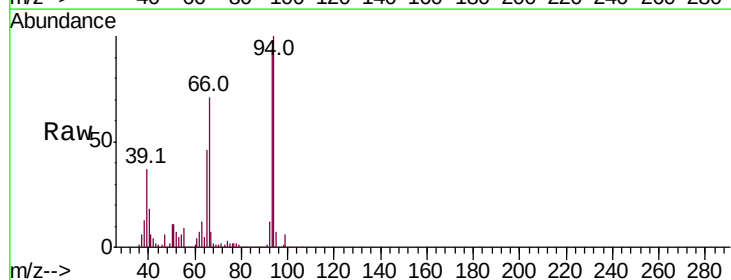
Tgt Ion: 94 Resp: 923354

Ion Ratio Lower Upper

94 100

65 46.2 14.7 54.7

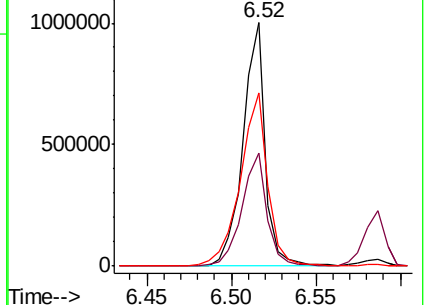
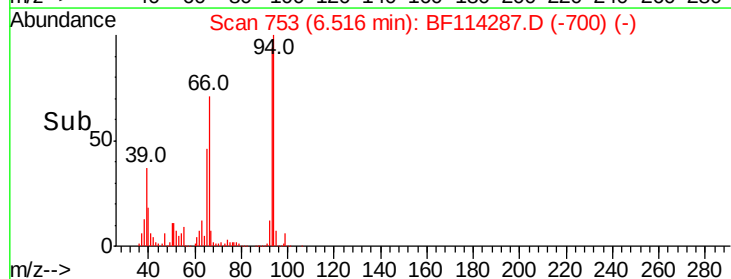
66 70.9 29.6 69.6#

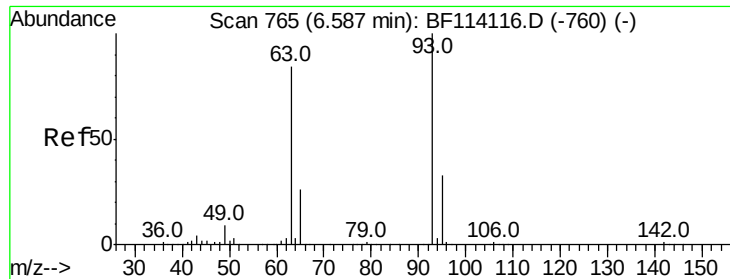


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

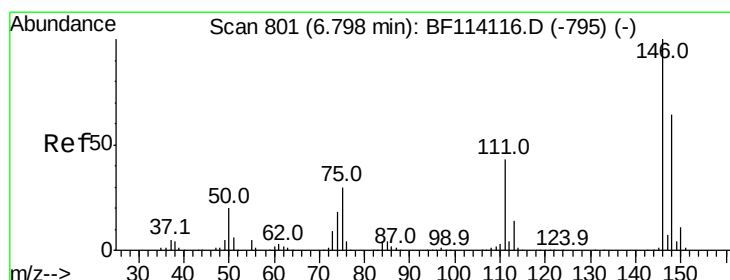
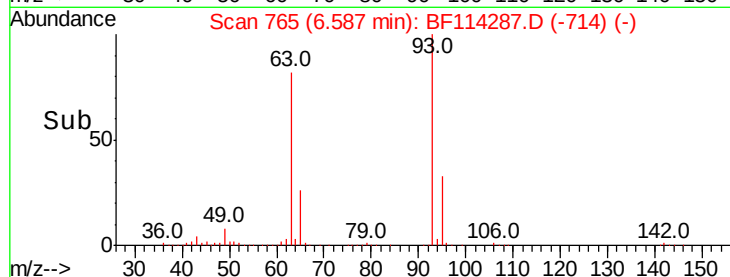
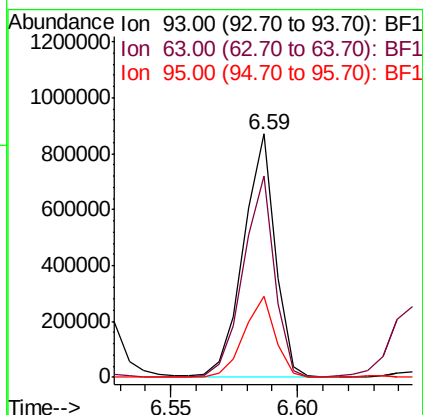
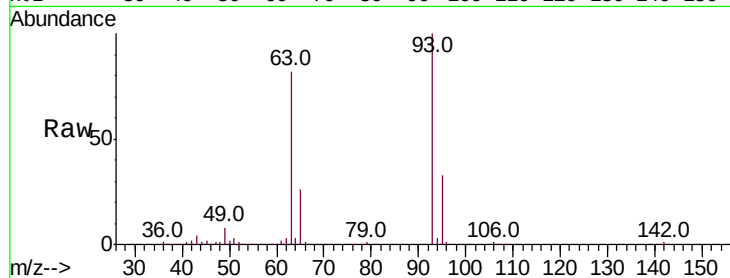




#11
bis(2-Chloroethyl)ether
Concen: 41.734 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

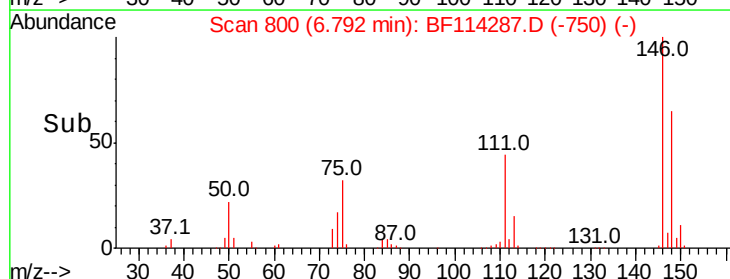
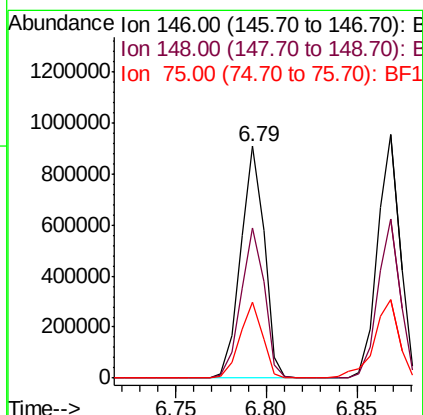
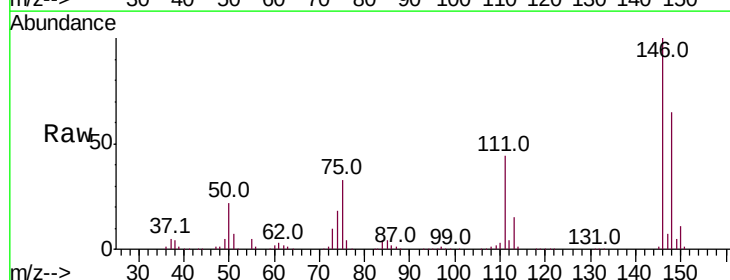
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

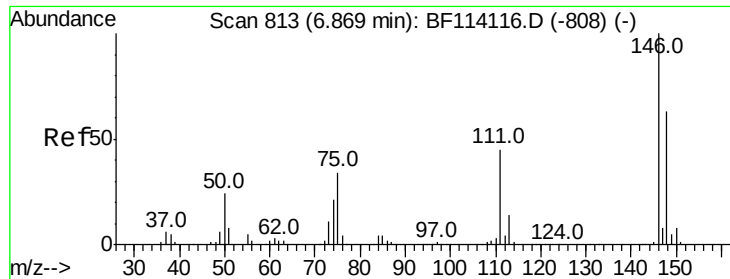
Tot Ion: 93 Resp: 756872
Ion Ratio Lower Upper
93 100
63 82.5 63.6 103.6
95 33.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.880 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion: 146 Resp: 820523
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
75 32.5 24.2 36.2

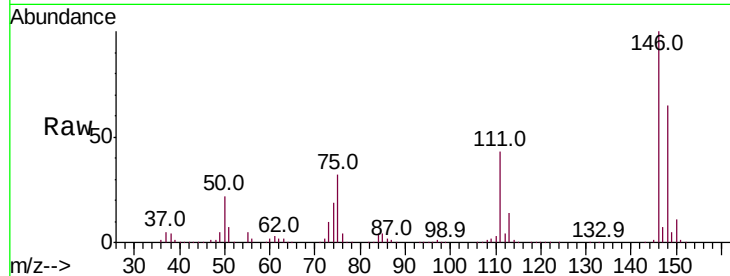




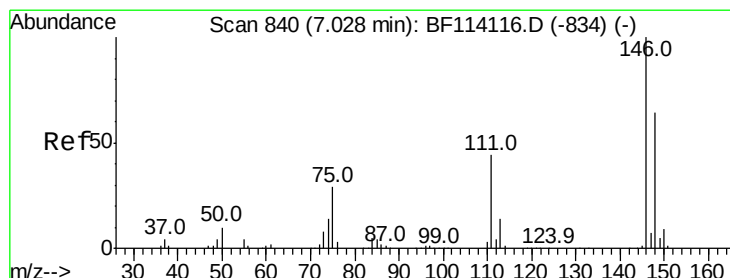
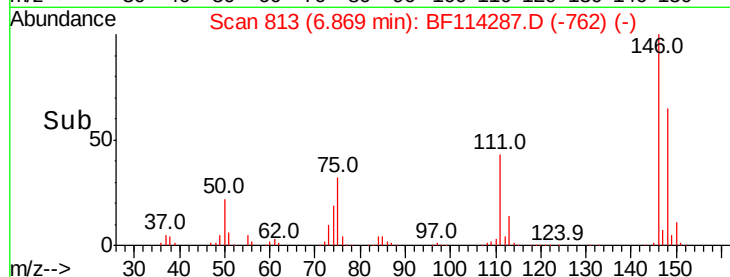
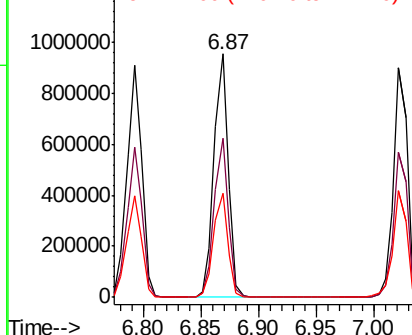
#13
 1,4-Dichlorobenzene
 Concen: 39.641 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 821860
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.2 75.2
 111 42.8 35.8 53.6

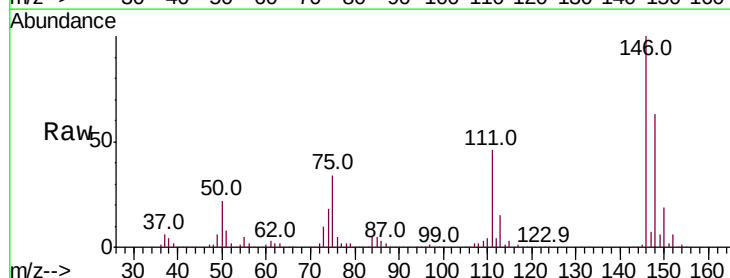


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

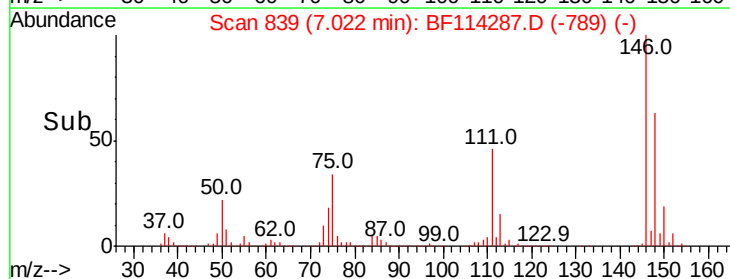
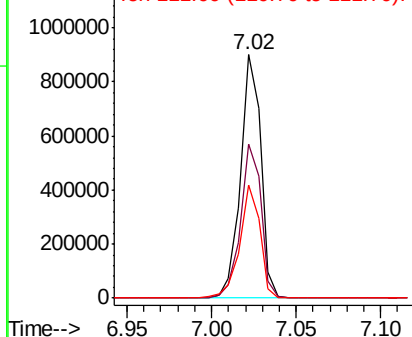


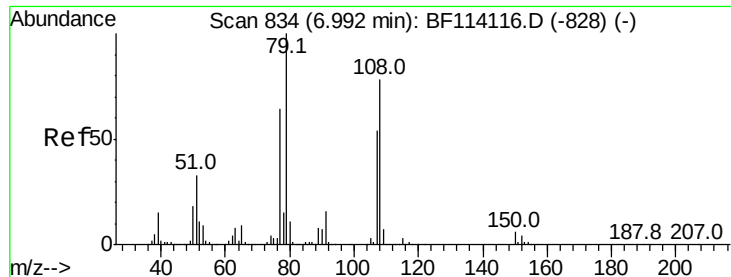
#14
 1,2-Dichlorobenzene
 Concen: 39.798 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion:146 Resp: 753833
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 46.2 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: 39.321 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

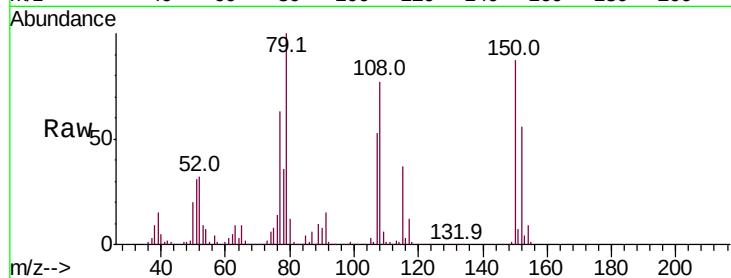
Tot Ion: 79 Resp: 622764

Ion Ratio Lower Upper

79 100

108 77.1 62.1 93.1

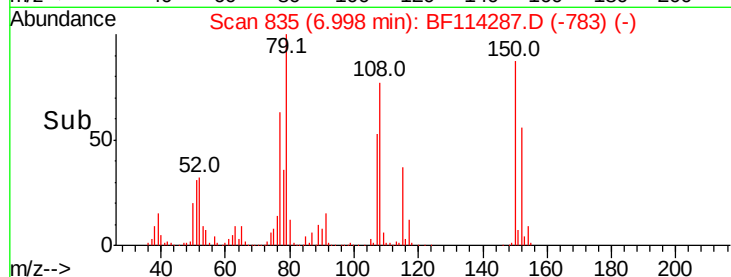
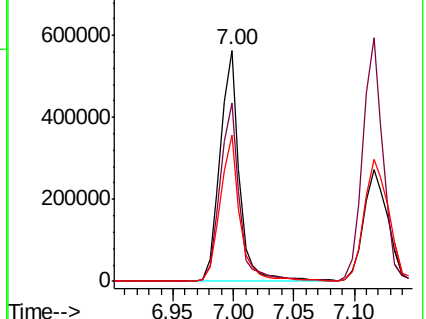
77 63.2 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.518 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

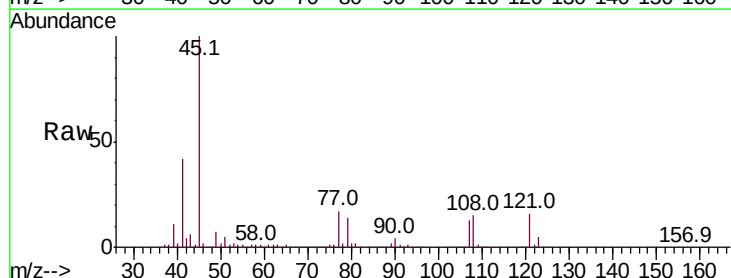
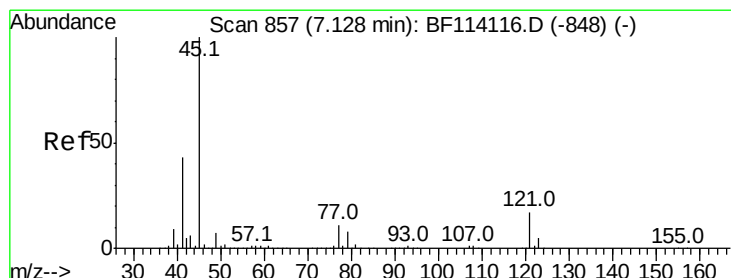
Tgt Ion: 45 Resp: 1389602

Ion Ratio Lower Upper

45 100

77 16.7 0.0 31.1

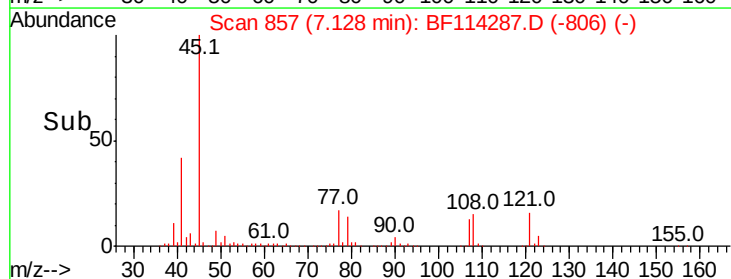
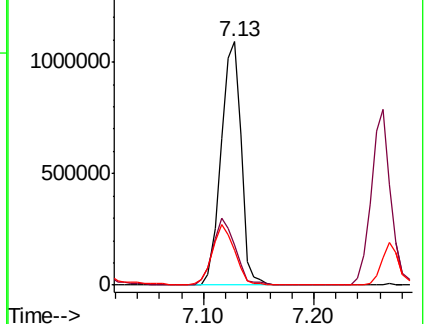
79 14.2 0.0 28.4

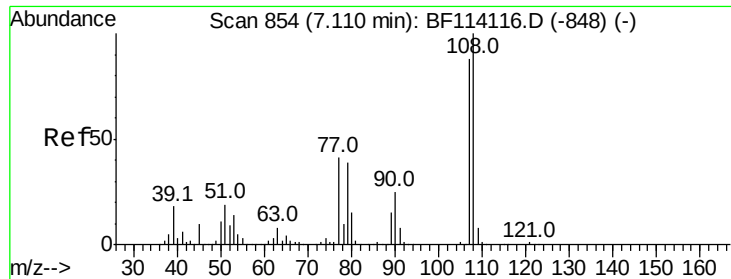


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

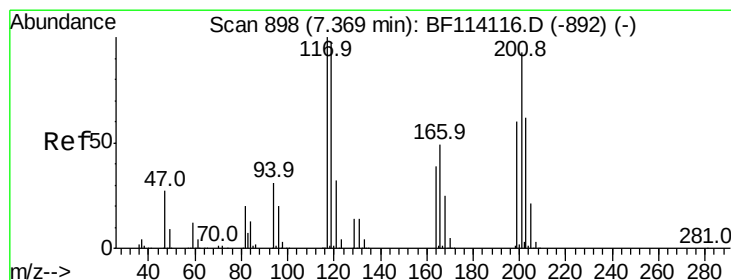
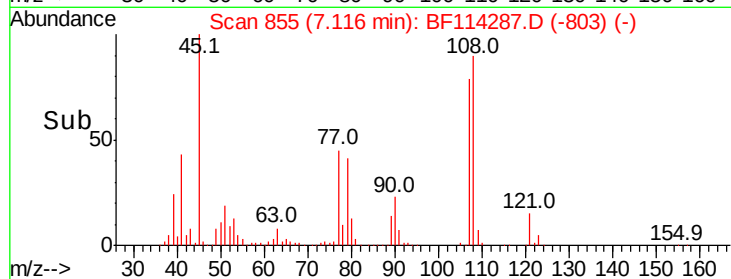
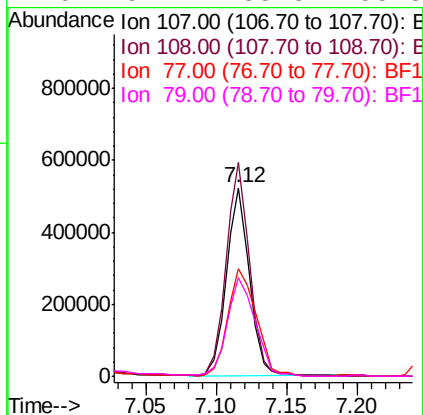
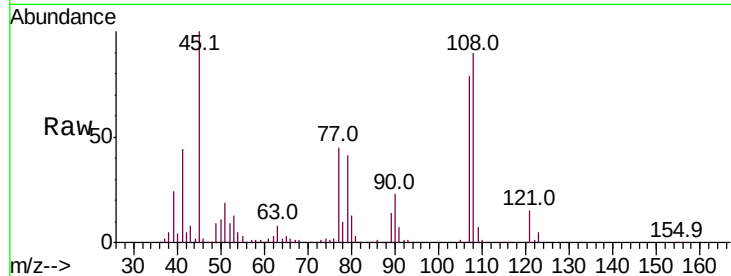




#17
2-Methylphenol
Concen: 39.228 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

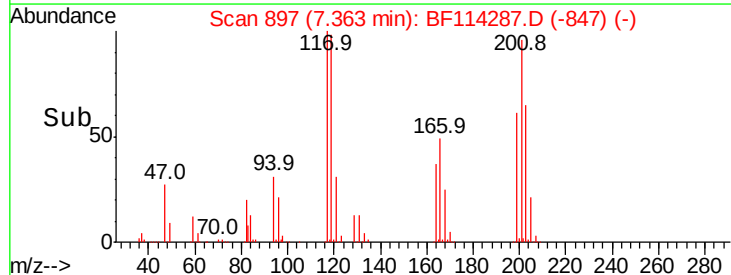
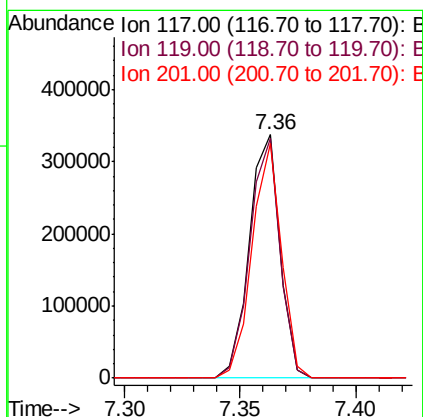
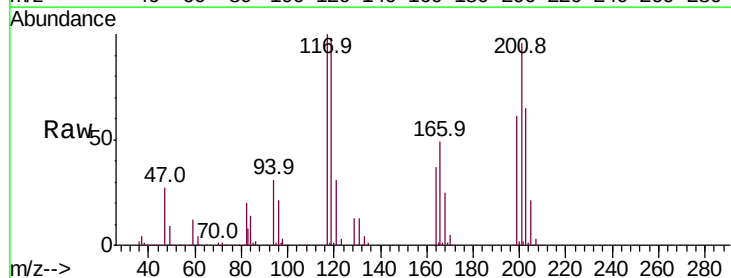
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

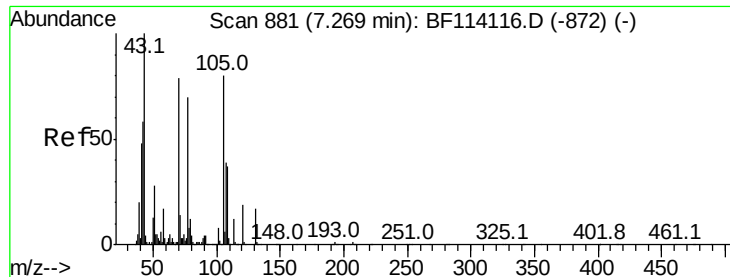
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.5	135.7
77	57.2	37.0	55.4#
79	52.1	35.8	53.8



#18
Hexachloroethane
Concen: 40.342 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.4	116.2
201	96.4	74.5	111.7

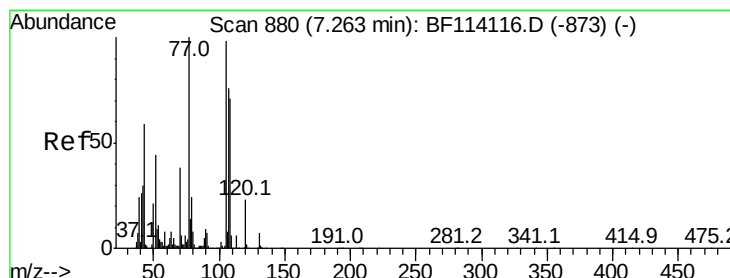
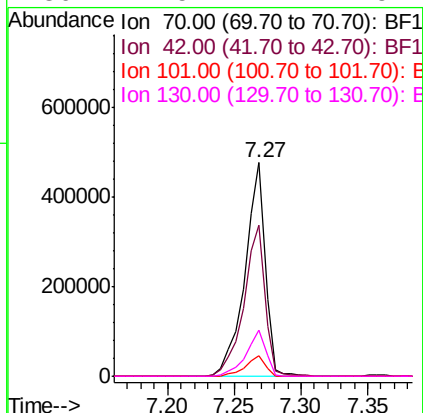
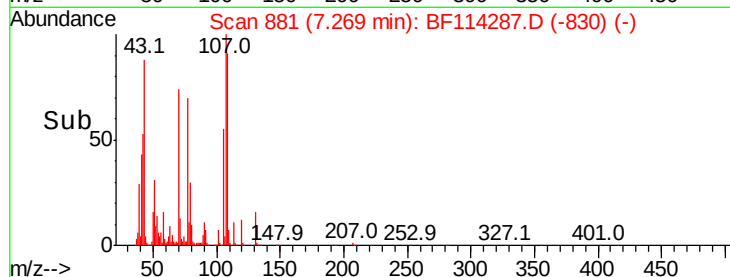
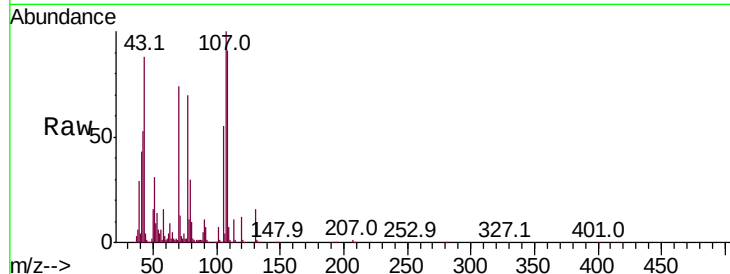




#19
n-Nitroso-di-n-propylamine
Concen: 38.886 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

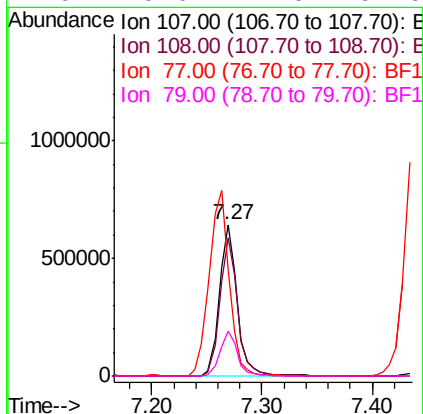
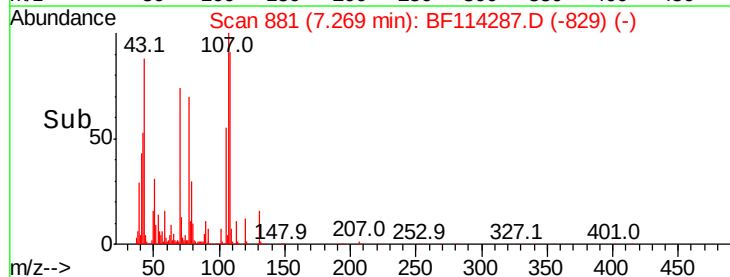
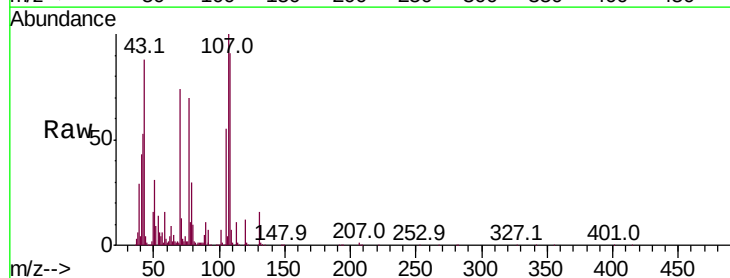
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

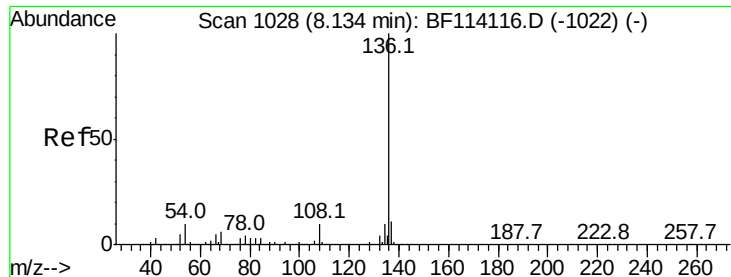
Tot Ion:	70	Resp:	500520
Ion	Ratio	Lower	Upper
70	100		
42	71.0	58.6	87.8
101	9.7	7.8	11.8
130	21.5	17.1	25.7



#20
3+4-Methylphenols
Concen: 41.146 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:	107	Resp:	715782
Ion	Ratio	Lower	Upper
107	100		
108	91.1	73.8	113.8
77	70.3	111.5	151.5#
79	29.6	12.0	52.0

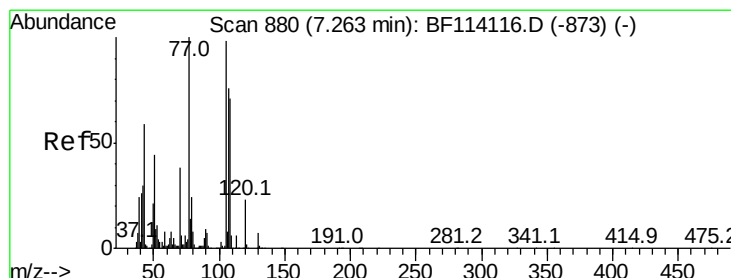
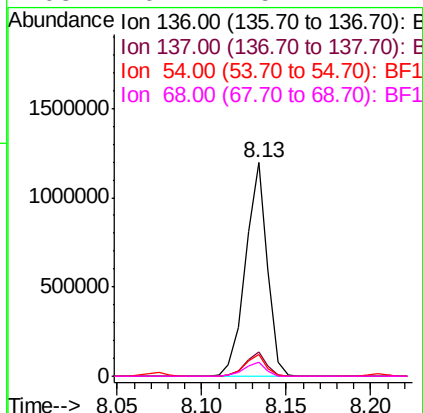
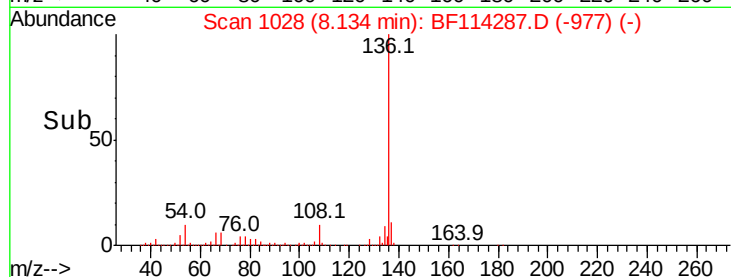
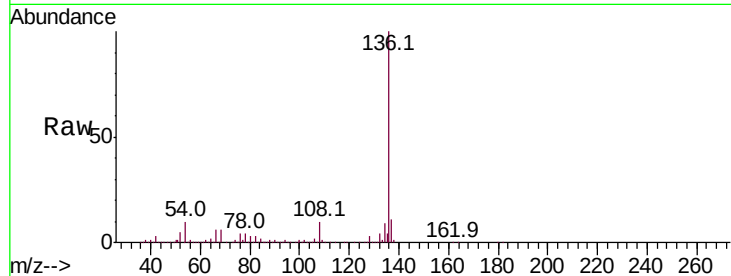




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

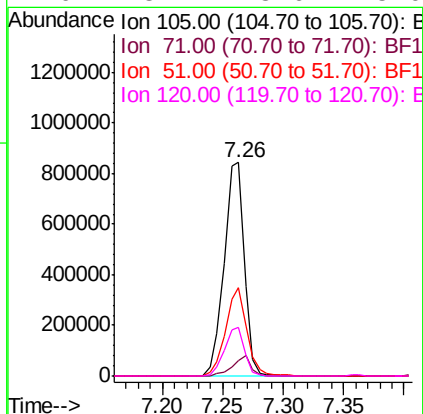
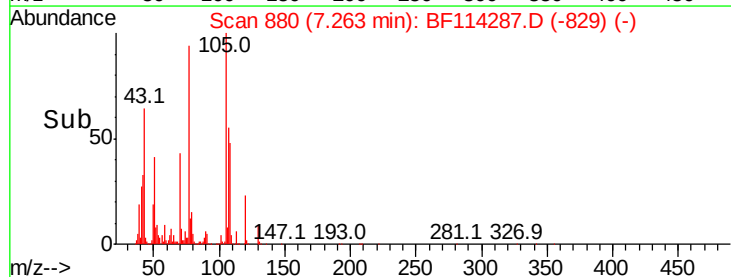
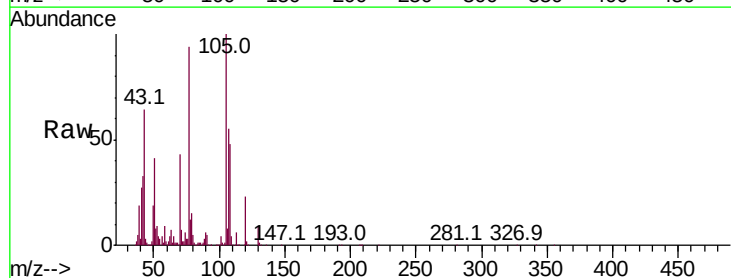
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

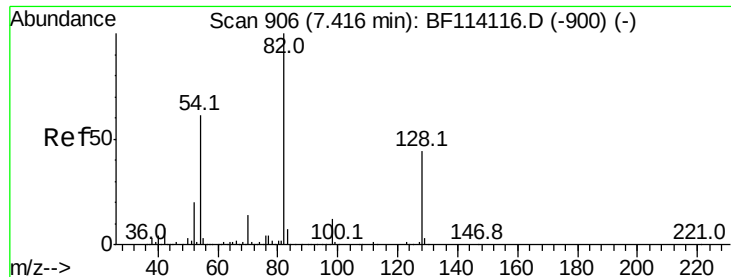
Tot Ion:136	Resp: 1072585
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 10.0	7.8 11.8
68 6.4	5.1 7.7



#22
Acetophenone
Concen: 41.258 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt	Ion:105	Resp:	980335
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.3	7.9
51	41.2	36.2	54.4
120	23.1	18.6	28.0

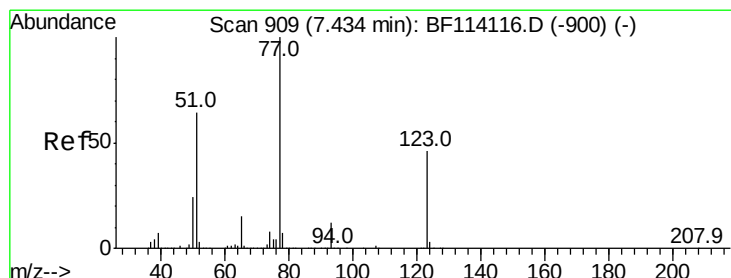
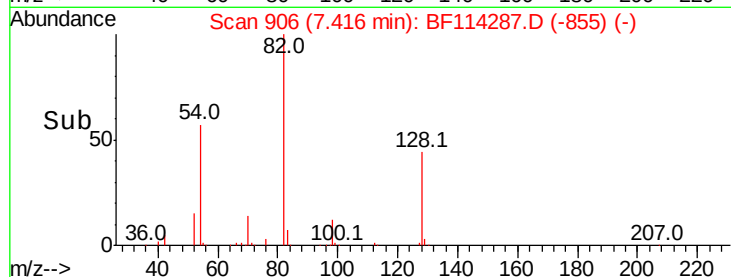
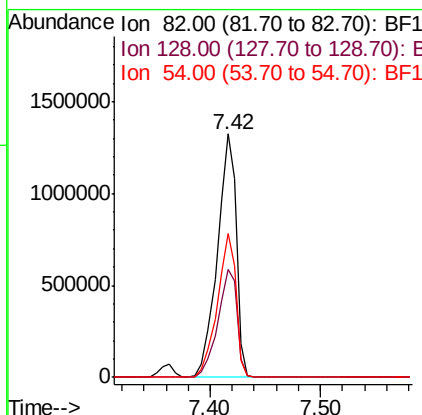
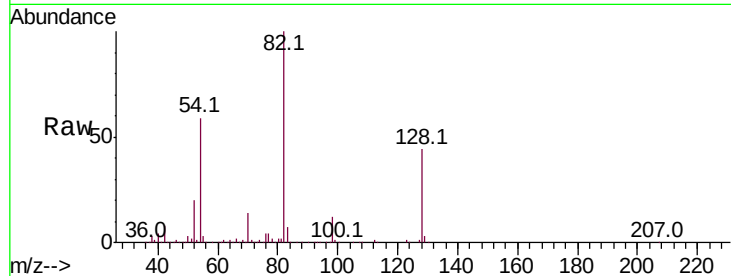




#23
 Nitrobenzene-d5
 Concen: 82.252 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

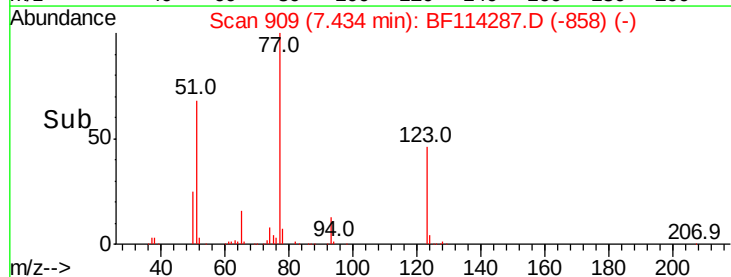
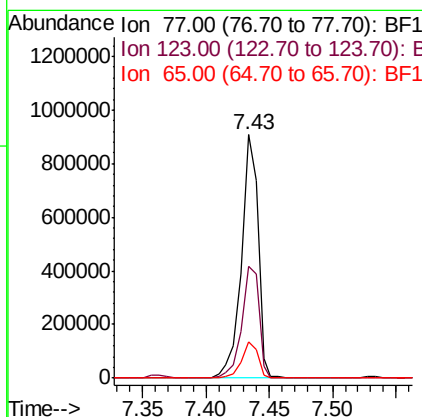
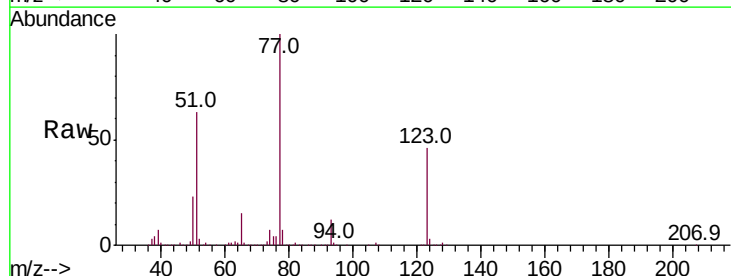
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

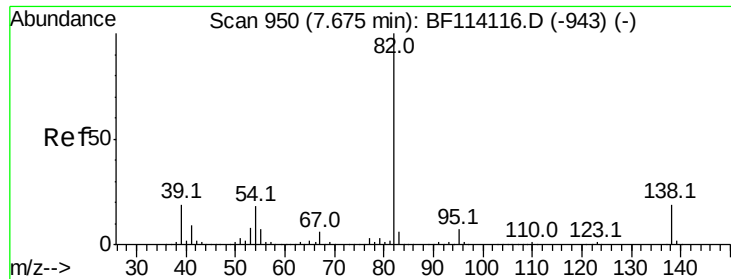
Tot Ion: 82 Resp: 1572029
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.5 53.3
 54 59.2 48.5 72.7



#24
 Nitrobenzene
 Concen: 41.796 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion: 77 Resp: 813592
 Ion Ratio Lower Upper
 77 100
 123 45.9 36.9 55.3
 65 14.8 11.8 17.6





#25

Isophorone

Concen: 40.880 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

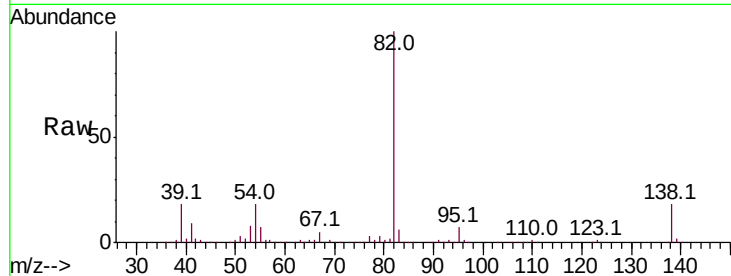
Tot Ion: 82 Resp: 1449036

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.3	14.8	22.2

82 100

95 6.9 5.6 8.4

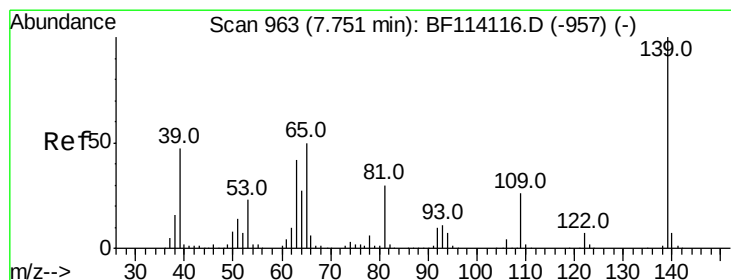
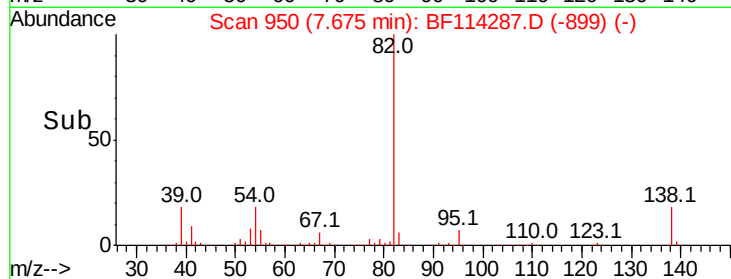
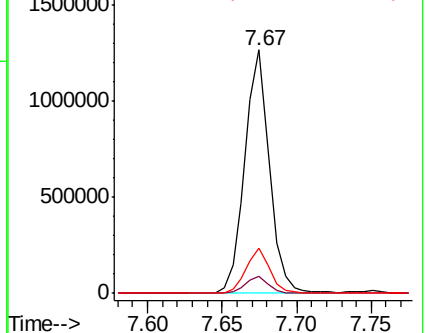
138 18.3 14.8 22.2



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: 43.560 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

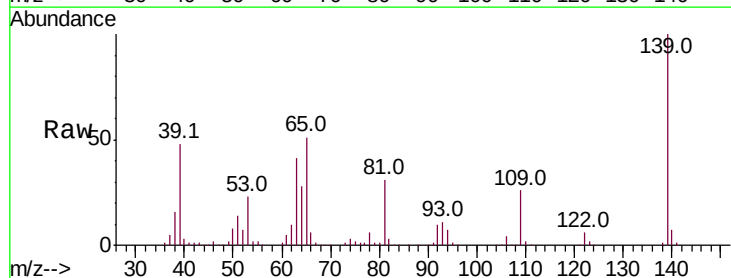
Tgt Ion: 139 Resp: 411393

Ion	Ratio	Lower	Upper
139	100		
109	25.9	20.7	31.1
65	50.8	40.2	60.2

139 100

109 25.9 20.7 31.1

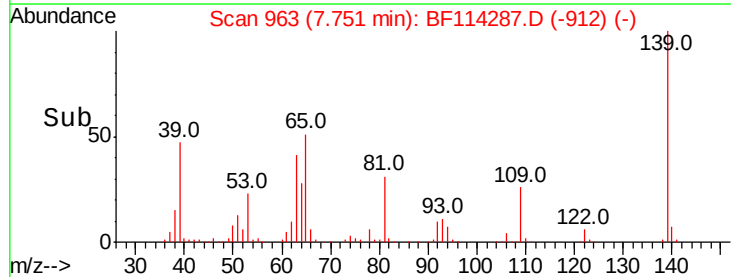
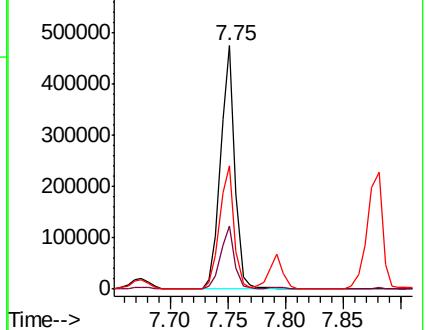
65 50.8 40.2 60.2

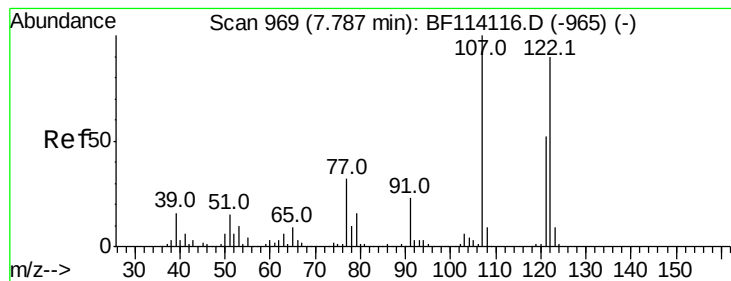


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.595 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

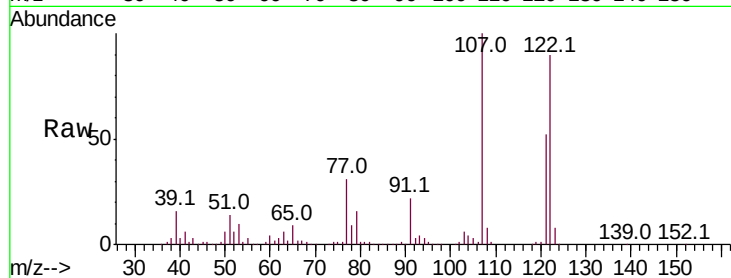
Tot Ion:122 Resp: 557651

Ion Ratio Lower Upper

122 100

107 111.3 88.4 132.6

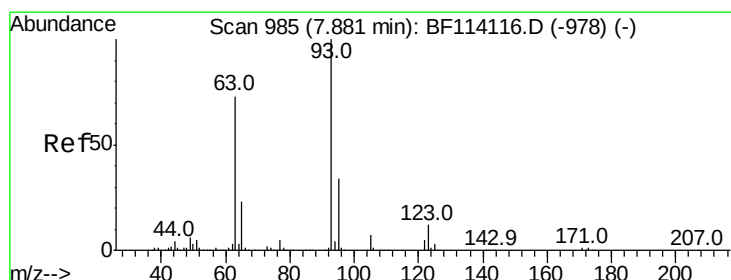
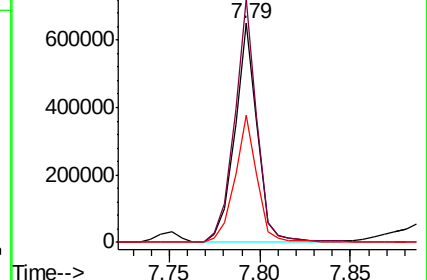
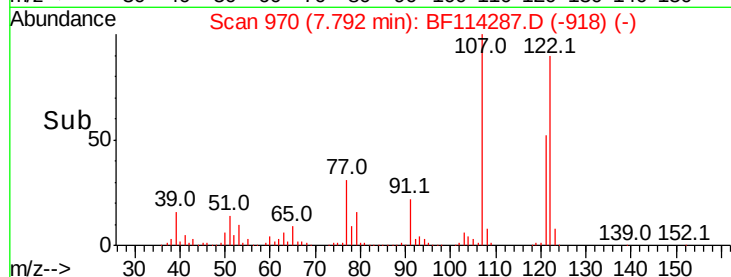
121 57.9 45.9 68.9



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: 41.919 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

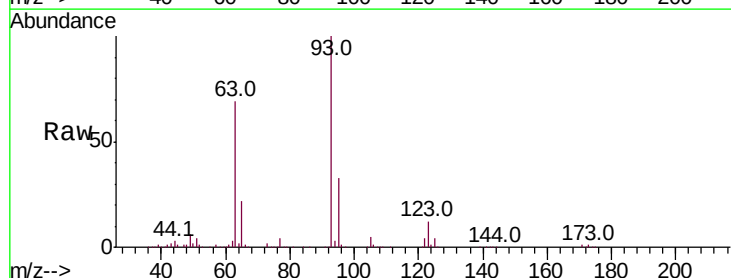
Tgt Ion: 93 Resp: 964082

Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

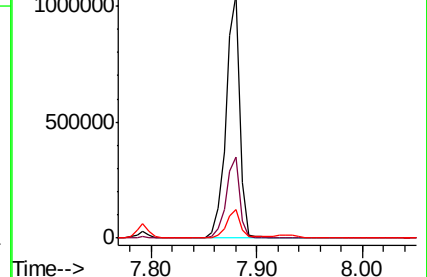
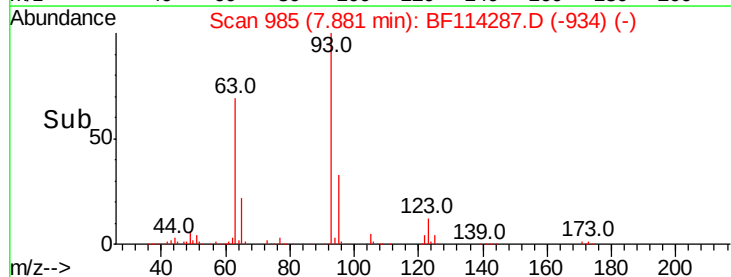
123 11.6 9.5 14.3

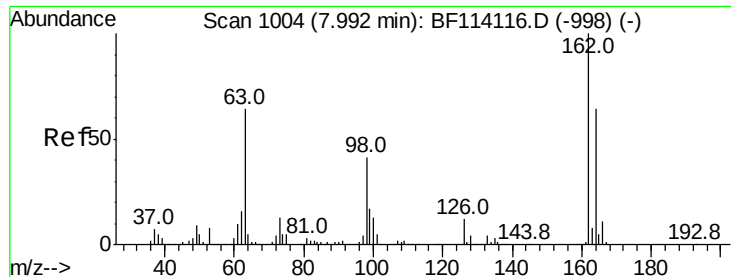


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

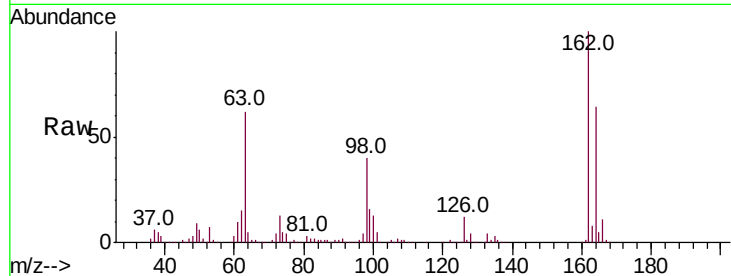




#29
2,4-Dichlorophenol
Concen: 40.949 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	40.0	20.6	60.6

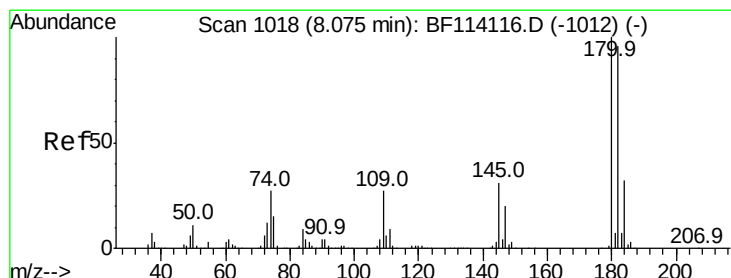
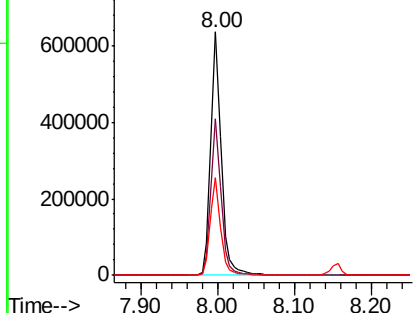
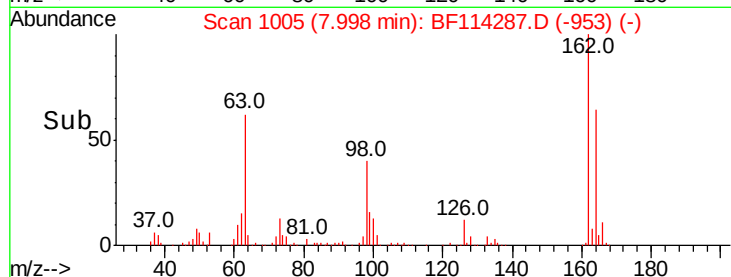


Abundance

Ion 162.00 (161.70 to 162.70): E

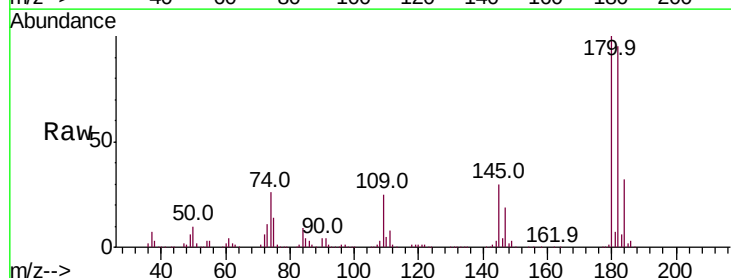
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.006 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.6	114.8
145	30.4	25.1	37.7

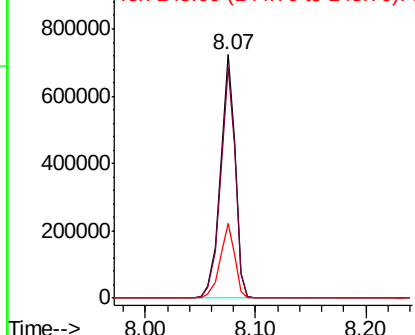
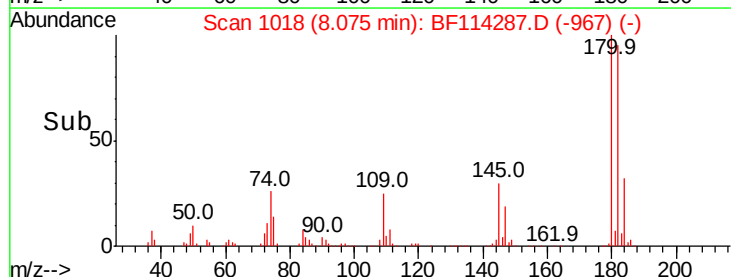


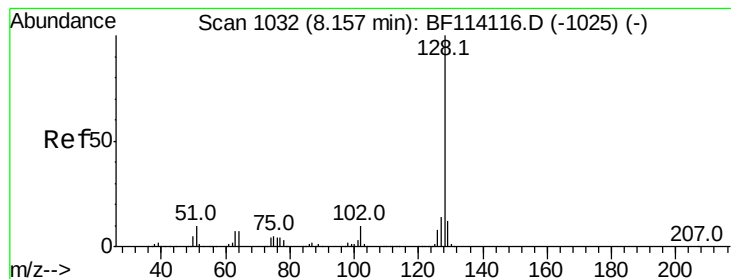
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.828 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

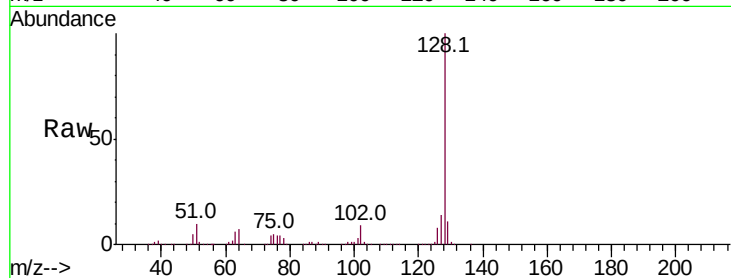
Tot Ion:128 Resp: 2045582

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

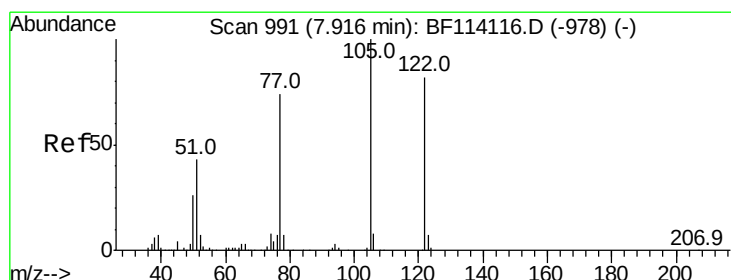
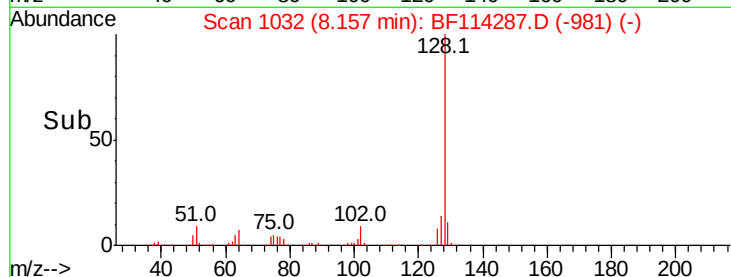
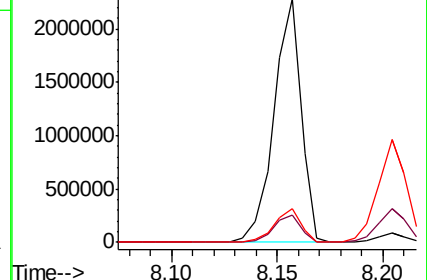
127 13.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.515 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

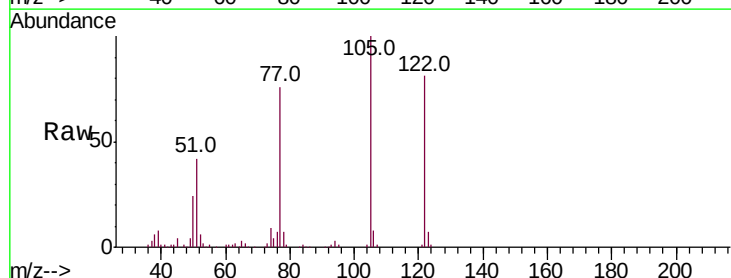
Tgt Ion:122 Resp: 427324

Ion Ratio Lower Upper

122 100

105 123.0 99.9 139.9

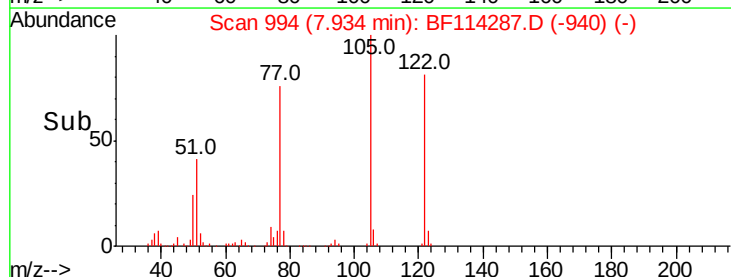
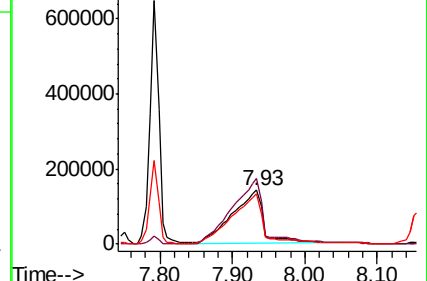
77 93.3 69.4 109.4

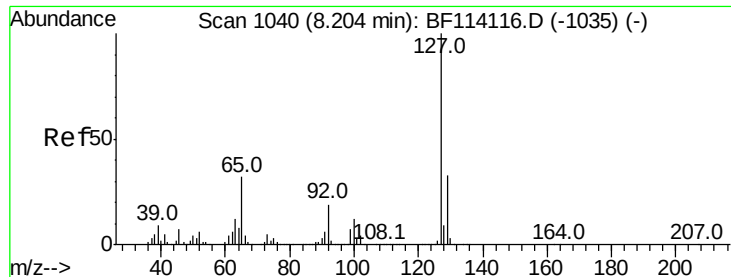


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

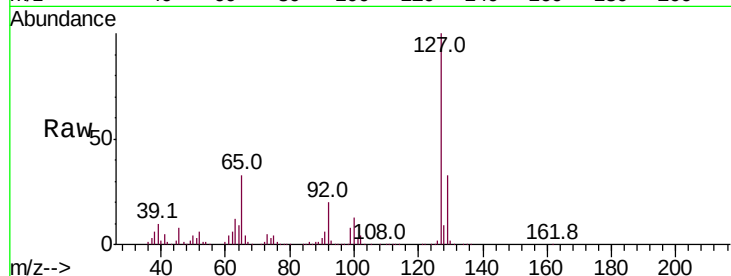




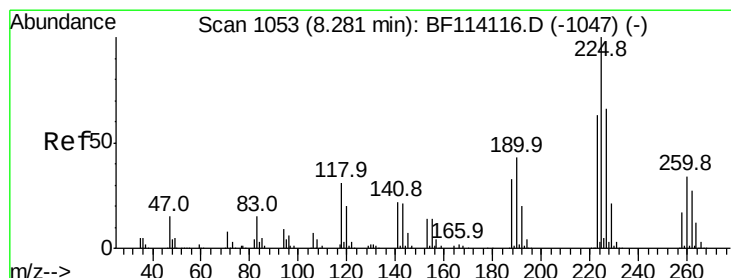
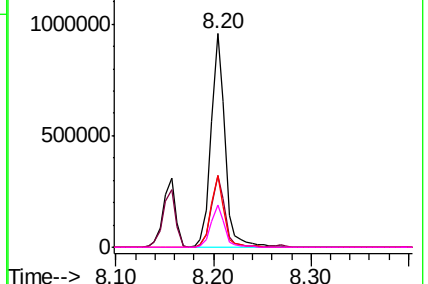
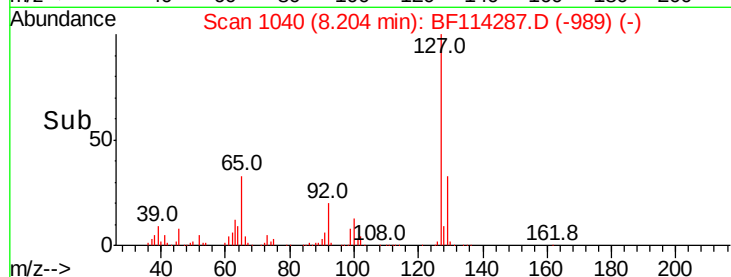
#33
 4-Chloroaniline
 Concen: 41.680 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	127	Resp:	951602
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.7	40.1
65	33.3	25.4	38.0
92	19.6	15.4	23.2

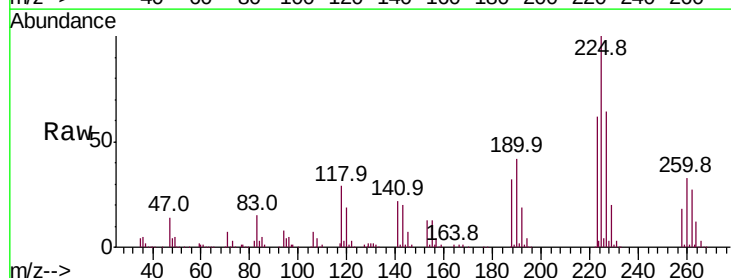


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

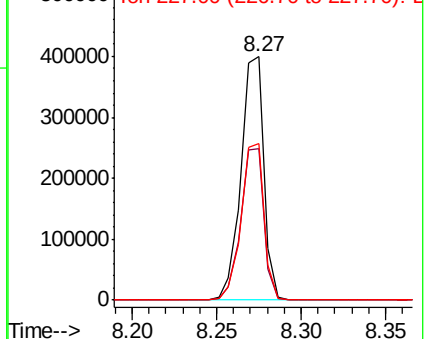
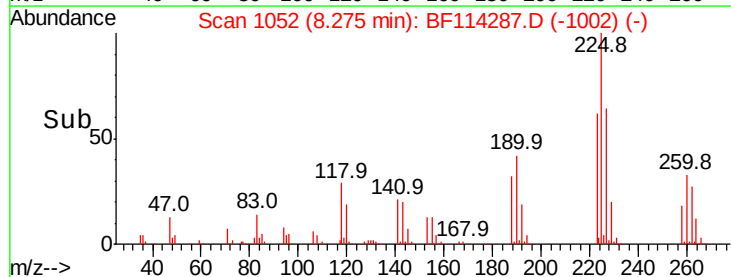


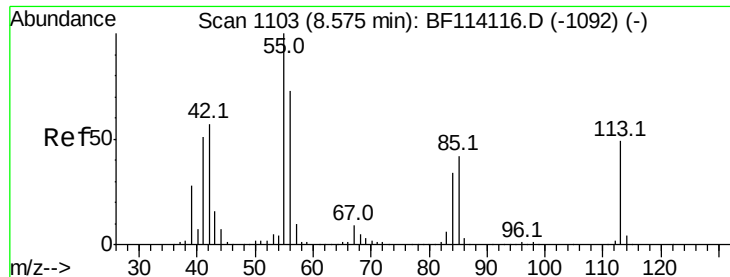
#34
 Hexachlorobutadiene
 Concen: 39.560 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion:	225	Resp:	378055
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	64.2	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: 44.998 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

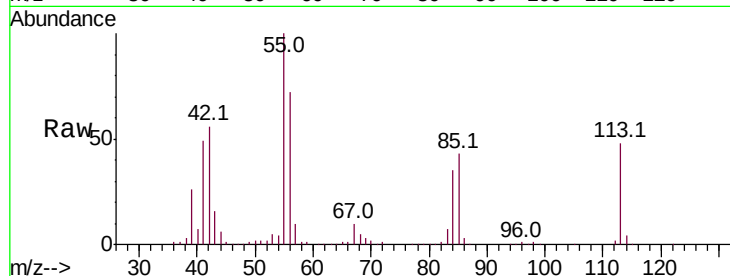
Tot Ion:113 Resp: 216715

Ion Ratio Lower Upper

113 100

55 209.5 183.5 223.5

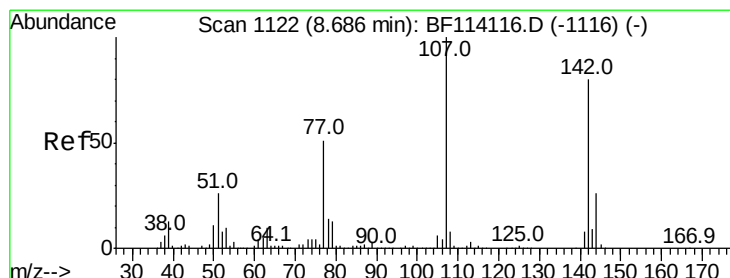
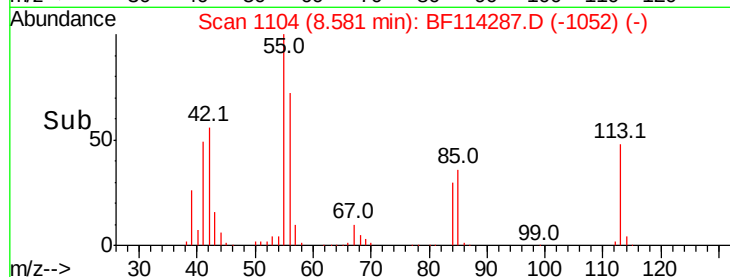
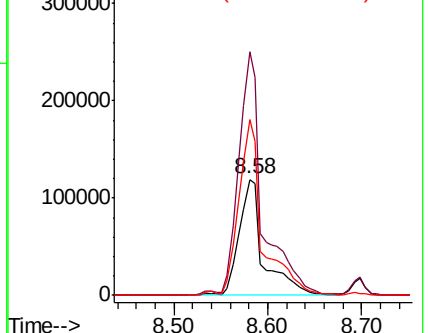
56 151.6 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.701 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

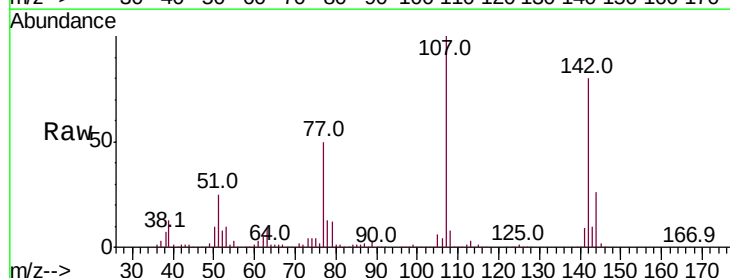
Tgt Ion:107 Resp: 634852

Ion Ratio Lower Upper

107 100

144 26.5 20.4 30.6

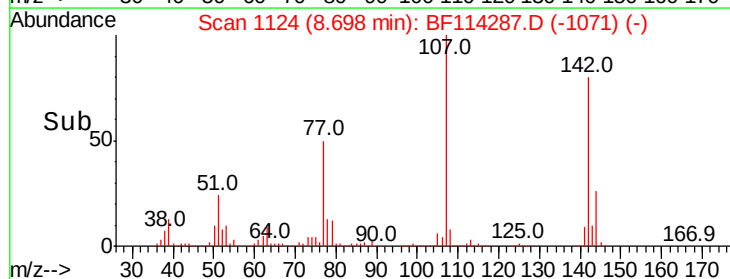
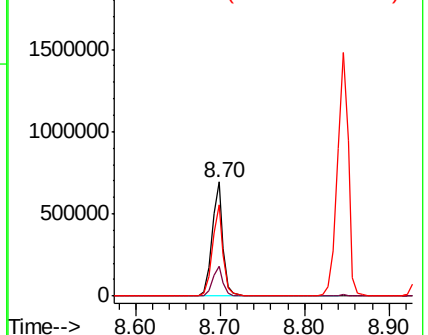
142 79.8 64.2 96.4

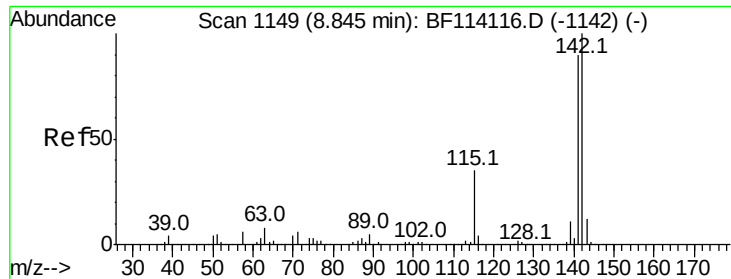


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

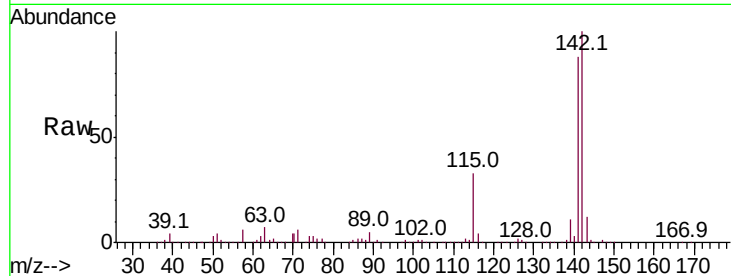




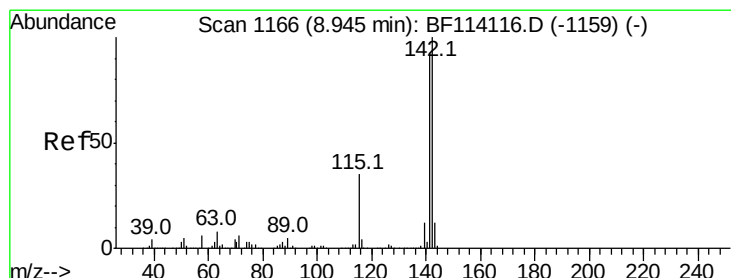
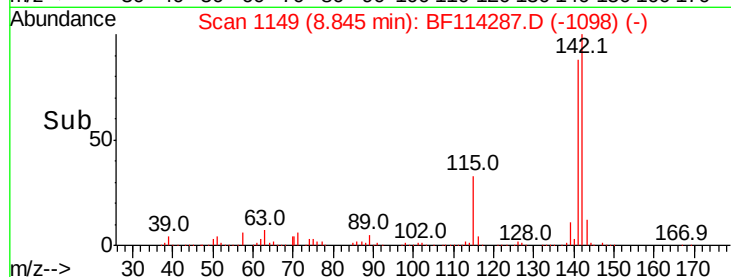
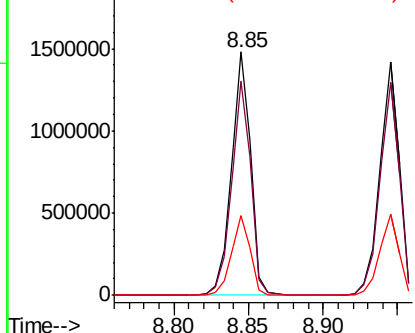
#37
 2-Methylnaphthalene
 Concen: 41.644 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:142 Resp: 1346152
 Ion Ratio Lower Upper
 142 100
 141 87.9 72.1 108.1
 115 32.8 28.0 42.0

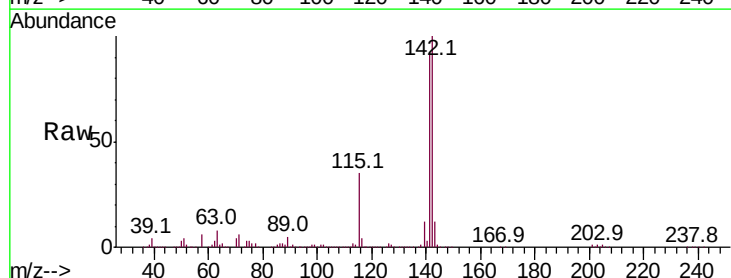


Abundance Ion 142.00 (141.70 to 142.70): E
 2000000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

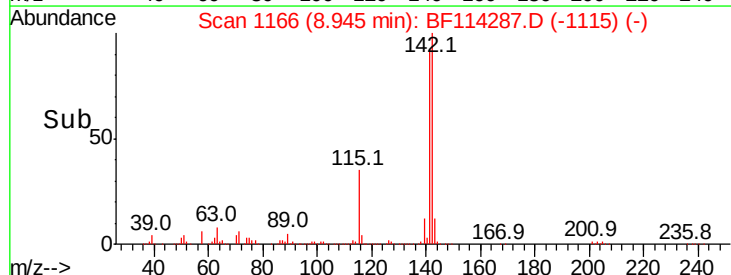
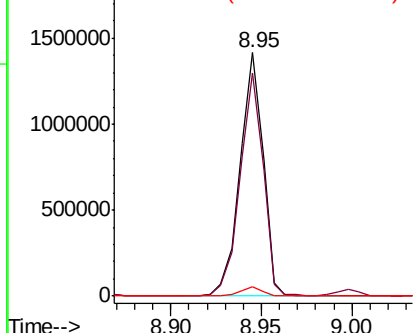


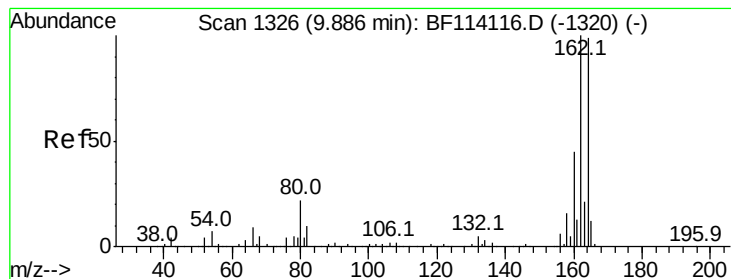
#38
 1-Methylnaphthalene
 Concen: 41.258 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion:142 Resp: 1255958
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.4 110.0
 116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 1500000 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# 1326

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

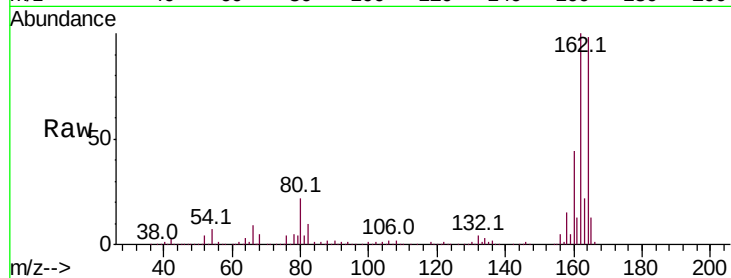
Tot Ion:164 Resp: 495436

Ion Ratio Lower Upper

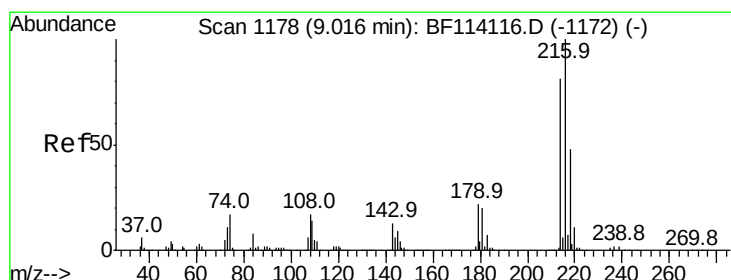
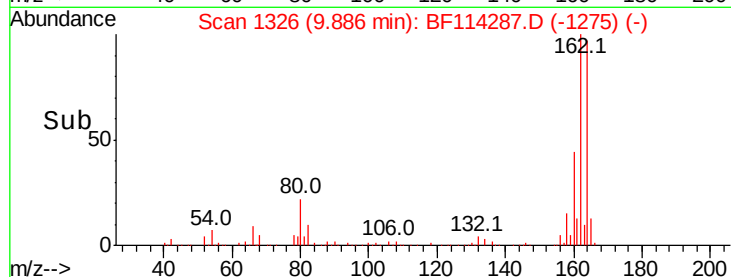
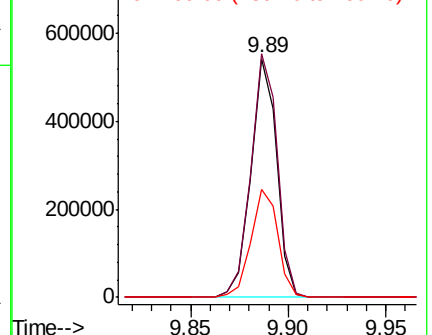
164 100

162 102.0 80.6 120.8

160 45.1 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.491 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Tgt Ion:216 Resp: 607675

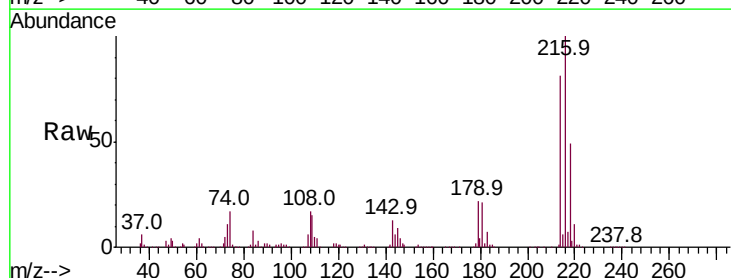
Ion Ratio Lower Upper

216 100

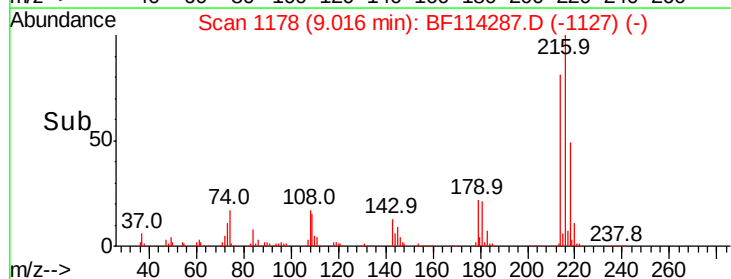
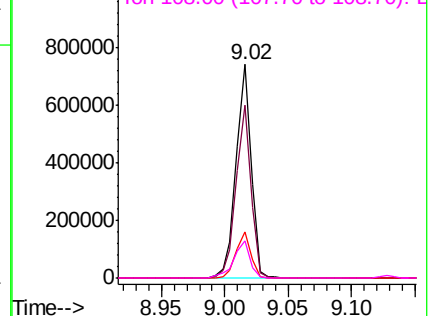
214 80.0 63.9 95.9

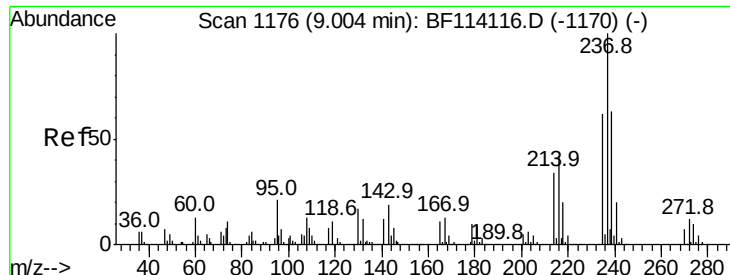
179 21.3 17.0 25.6

108 18.8 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

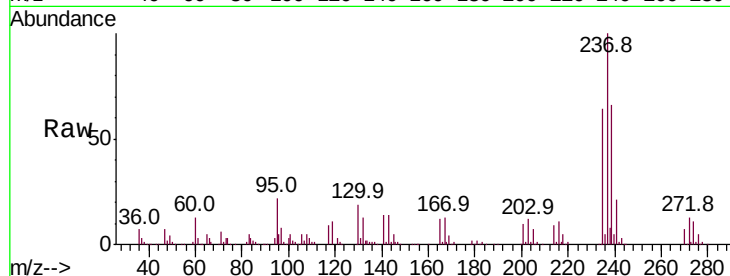




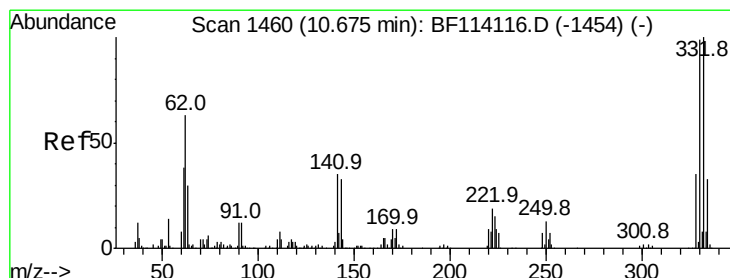
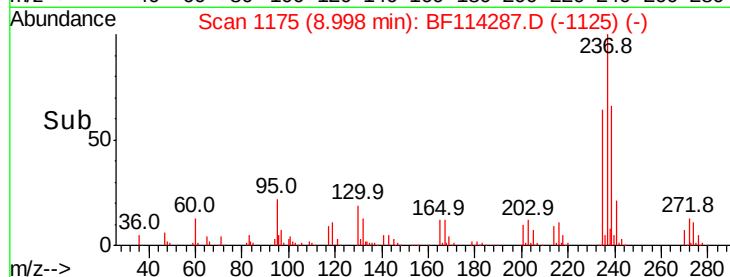
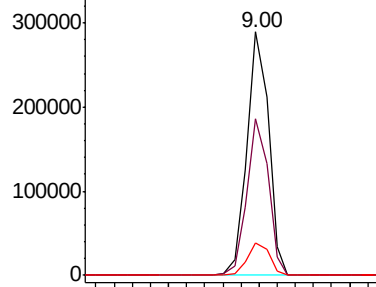
#41
Hexachlorocyclopentadiene
Concen: 37.018 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.0	82.0
272	13.1	0.0	32.4

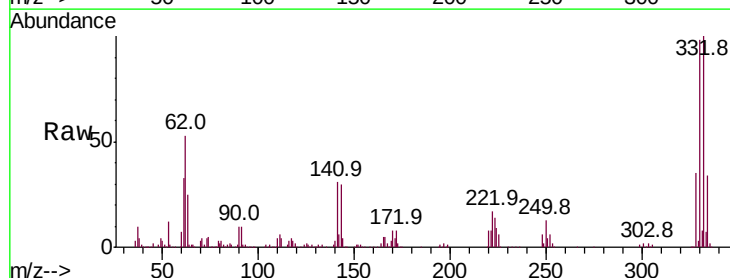


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

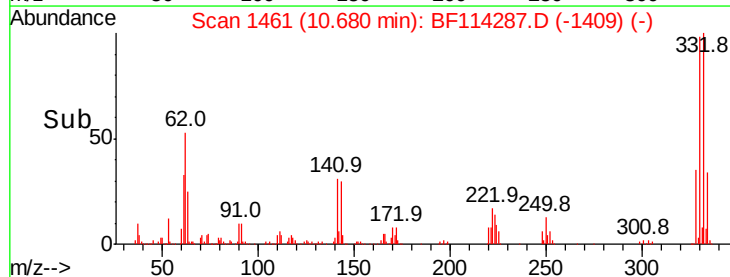
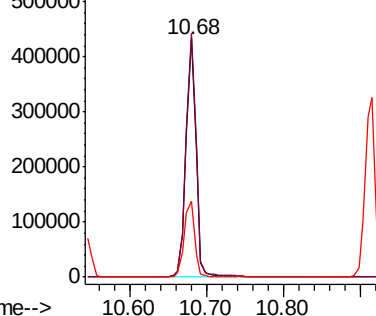


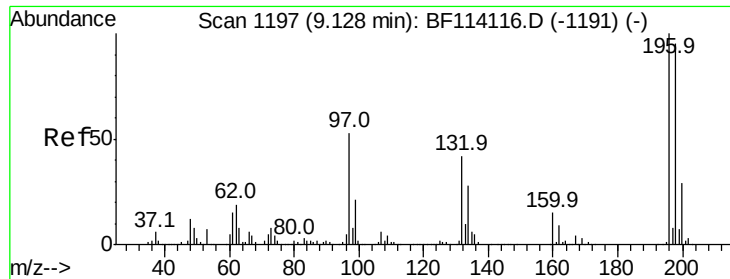
#42
2,4,6-Tribromophenol
Concen: 74.537 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.5	81.4	122.2
141	33.3	26.6	40.0



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

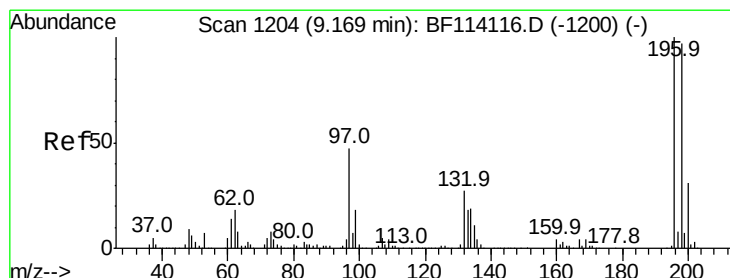
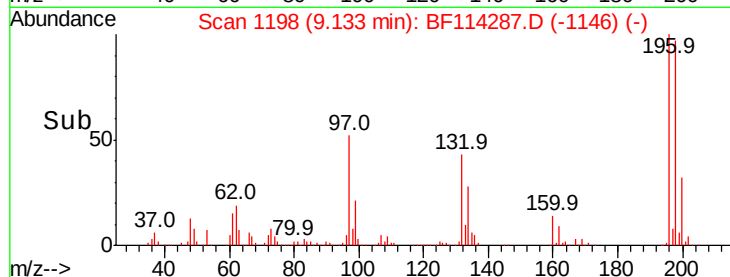
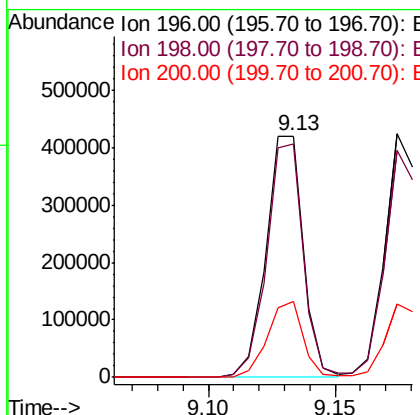
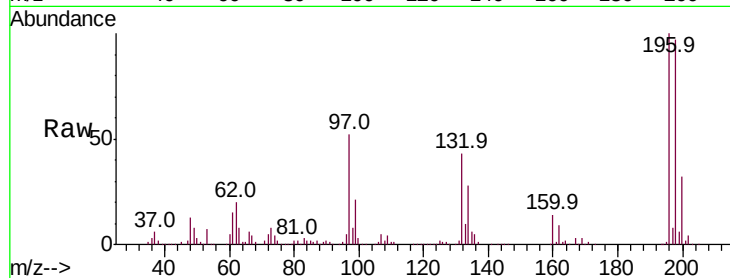




#43
 2,4,6-Trichlorophenol
 Concen: 41.203 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

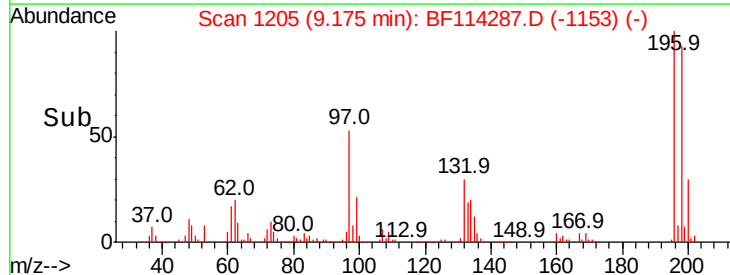
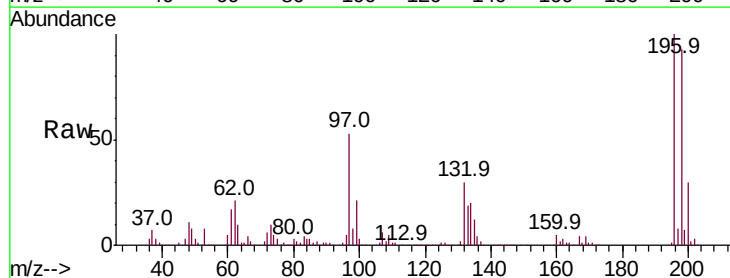
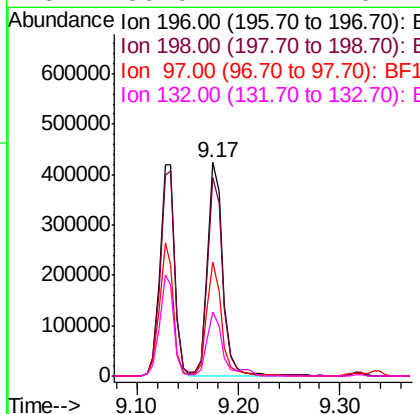
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

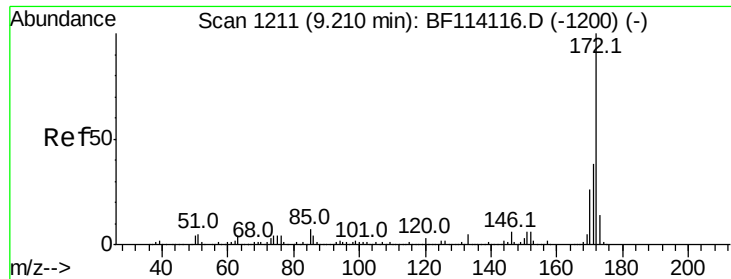
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.9	113.9
200	31.6	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.476 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	77.7	116.5
97	53.3	38.2	57.2
132	30.0	21.4	32.2

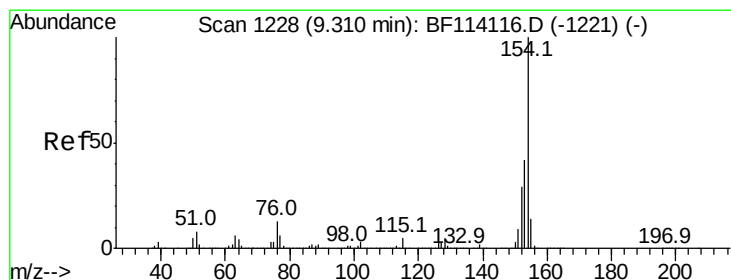
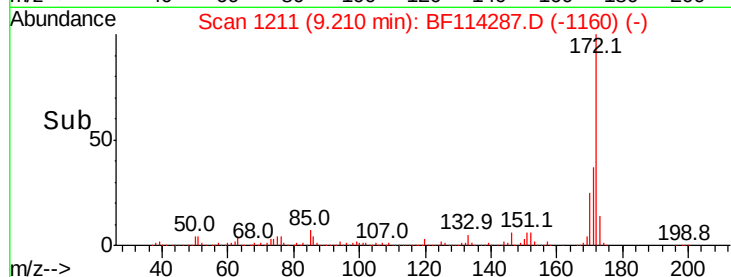
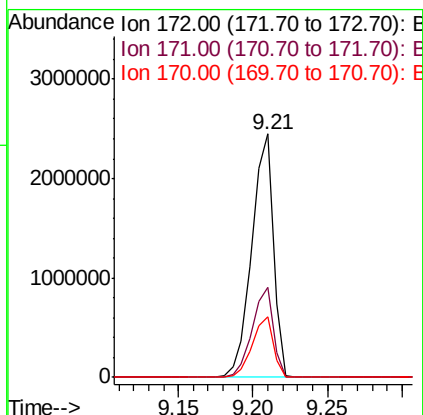
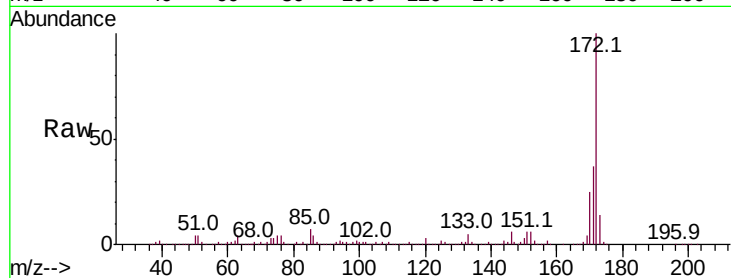




#45
2-Fluorobiphenyl
Concen: 74.651 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

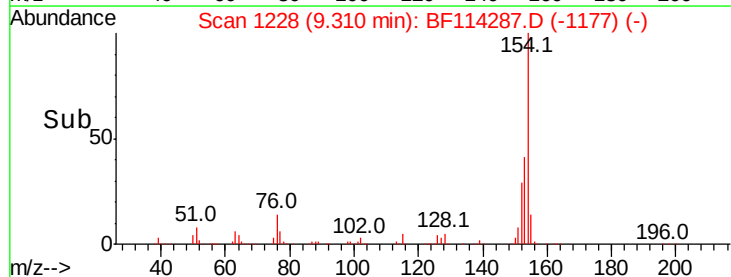
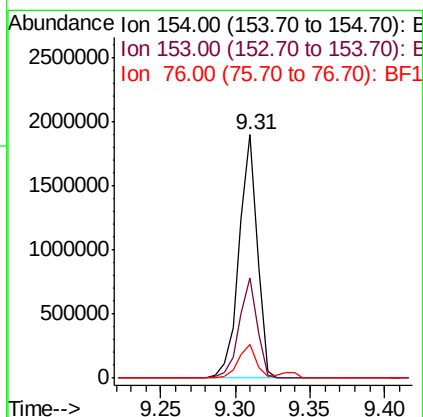
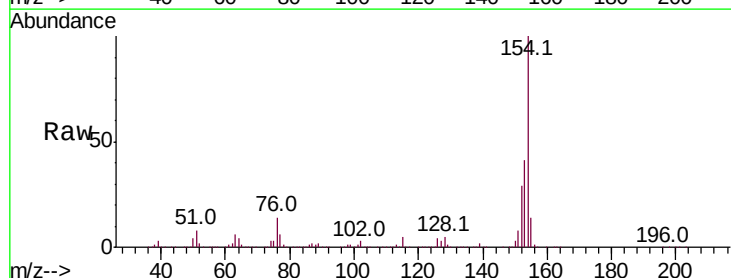
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

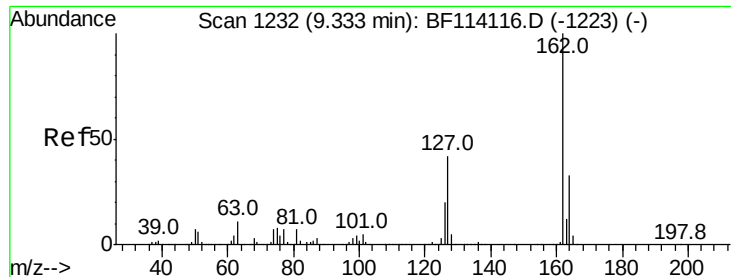
Tot Ion:172 Resp: 2445021
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.8 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.527 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:154 Resp: 1622060
Ion Ratio Lower Upper
154 100
153 41.1 21.9 61.9
76 13.6 0.0 32.8



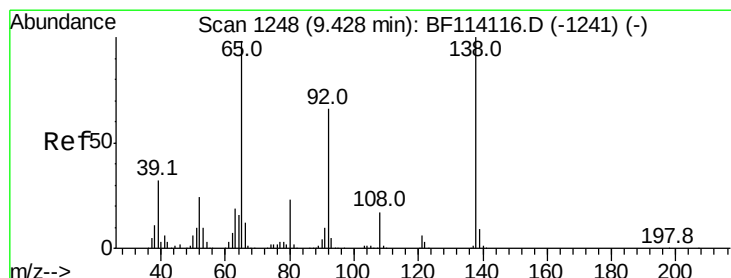
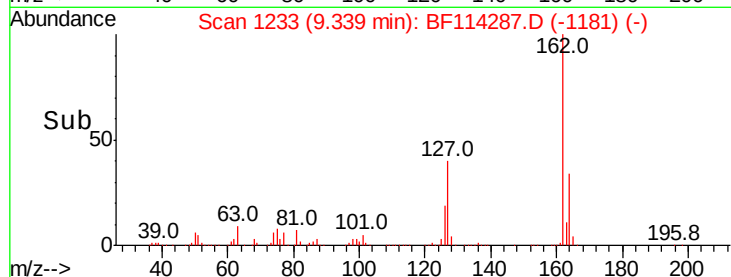
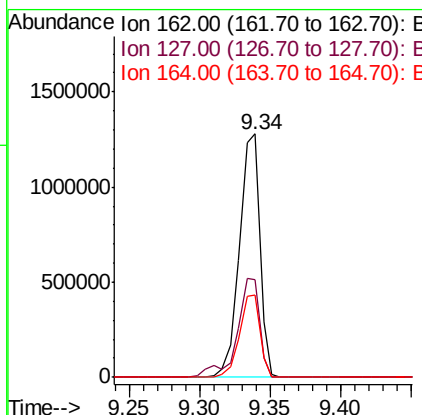
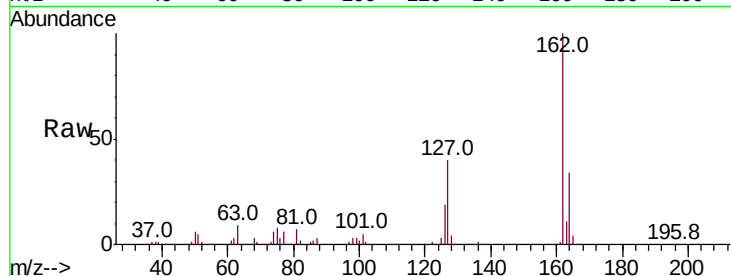


#47
 2-Chloronaphthalene
 Concen: 40.152 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 1293347

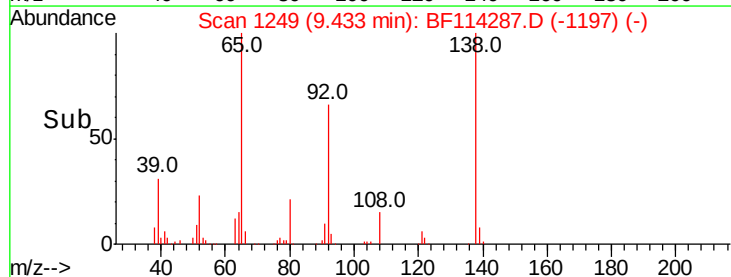
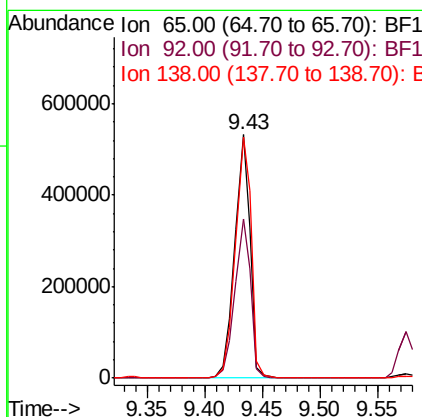
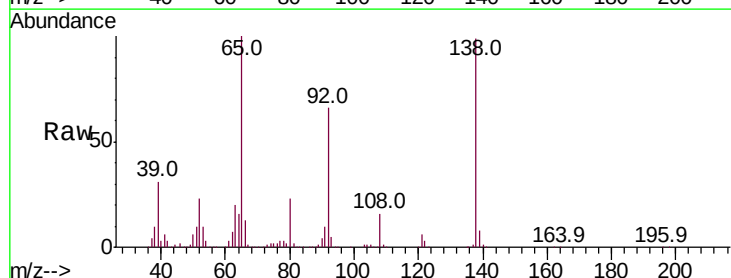
Ion	Ratio	Lower	Upper
162	100		
127	40.1	34.0	51.0
164	33.7	26.7	40.1

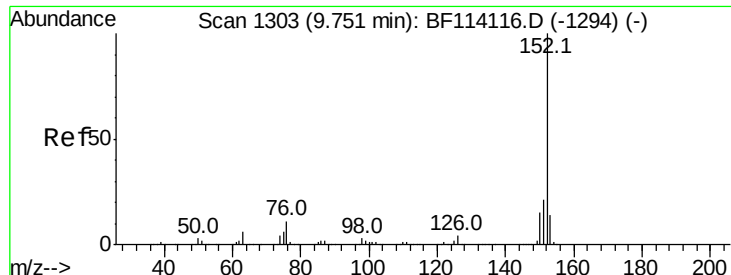


#48
 2-Nitroaniline
 Concen: 42.865 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion: 65 Resp: 489682

Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.9	80.9
138	98.8	81.4	122.0





#49

Acenaphthylene

Concen: 40.046 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

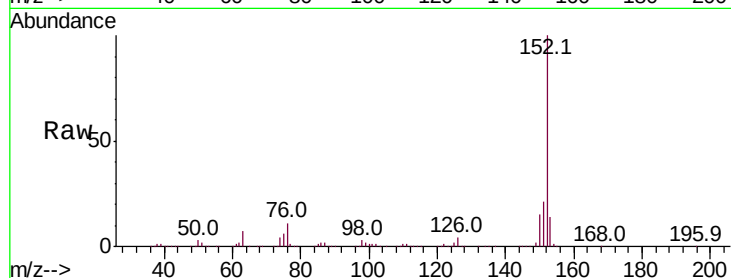
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1961905

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	13.8	11.4	17.2

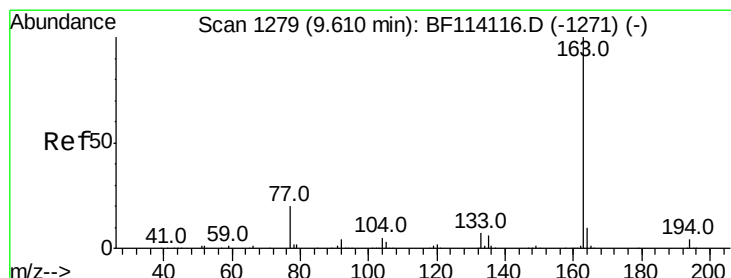
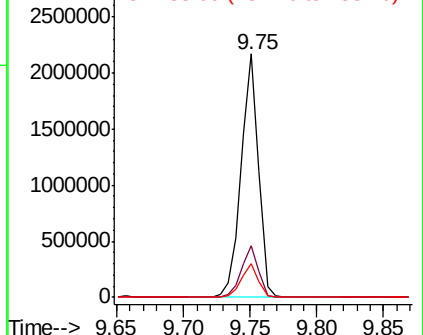
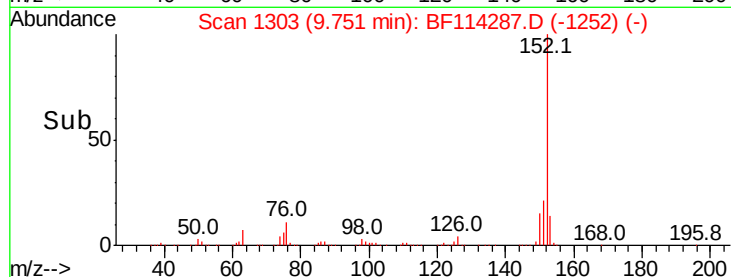


Abundance

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: 41.025 ng

RT: 9.61 min Scan# 1279

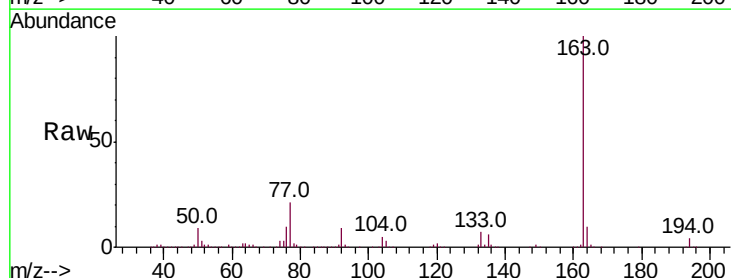
Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Tgt Ion:163 Resp: 1492072

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.0	8.2	12.2

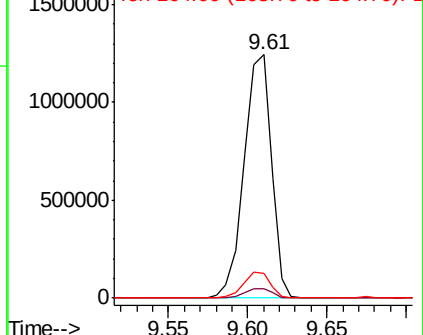
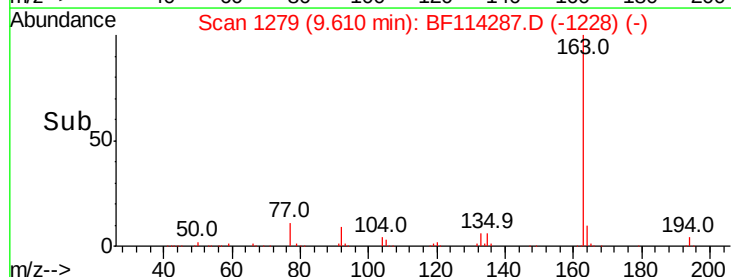


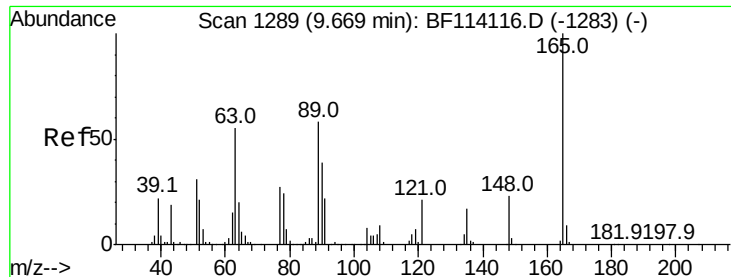
Abundance

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: 41.343 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

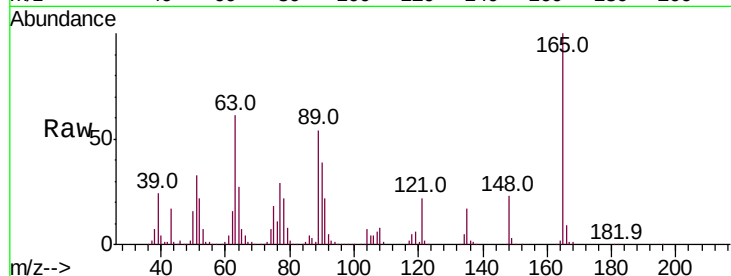
Tot Ion:165 Resp: 333503

Ion Ratio Lower Upper

165 100

63 60.6 50.2 75.4

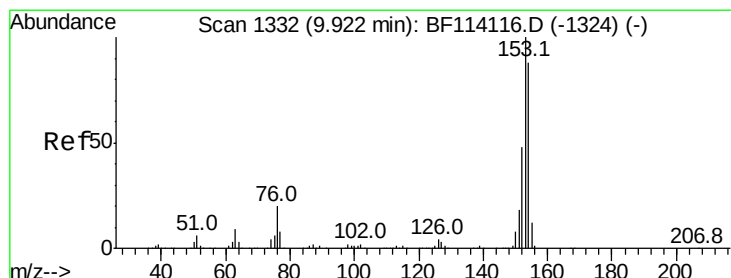
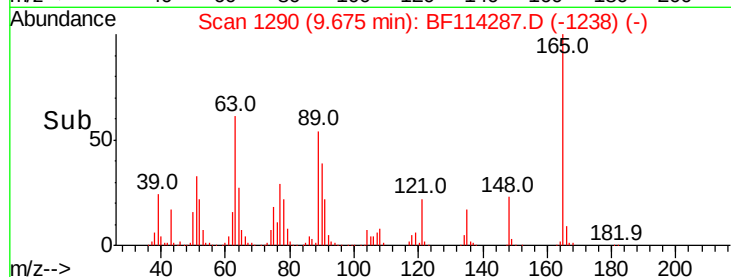
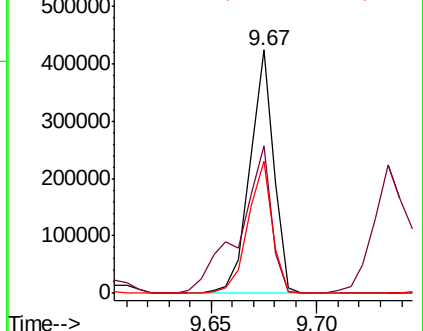
89 54.2 46.6 69.8



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: 38.738 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

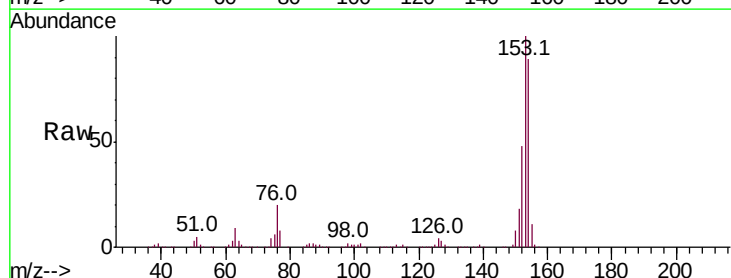
Tgt Ion:154 Resp: 1164584

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

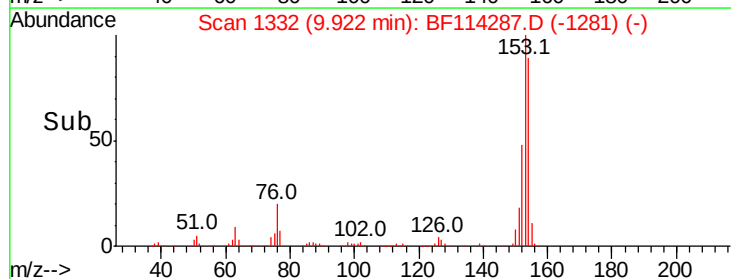
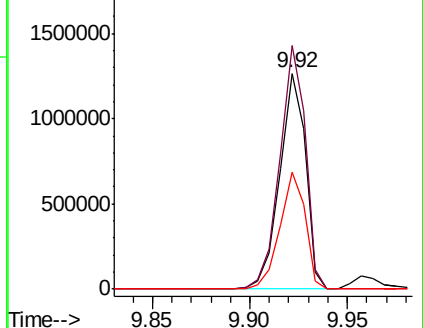
152 54.2 43.4 65.2

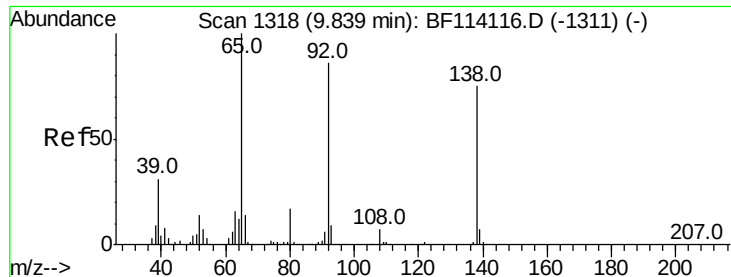


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

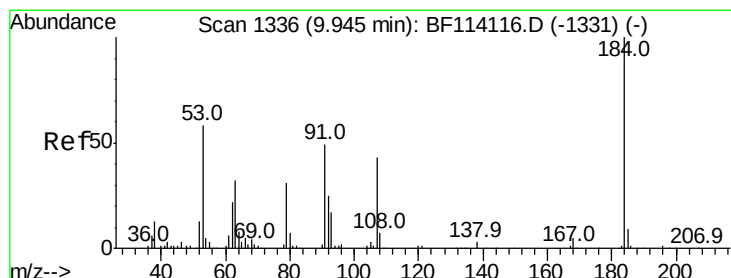
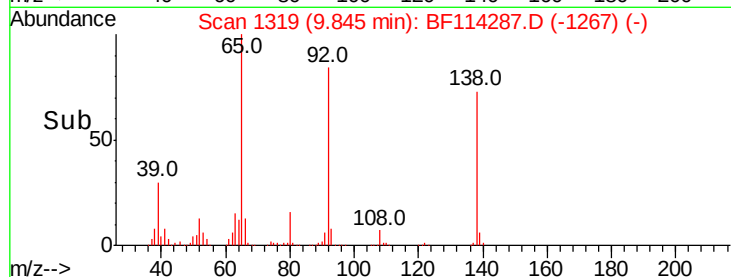
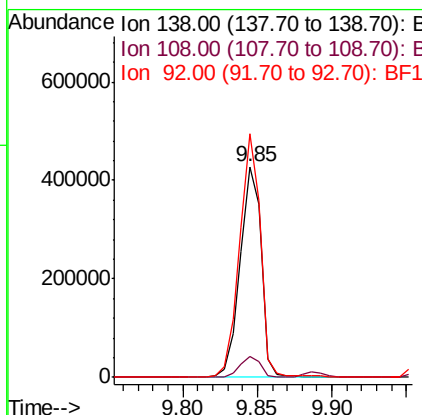
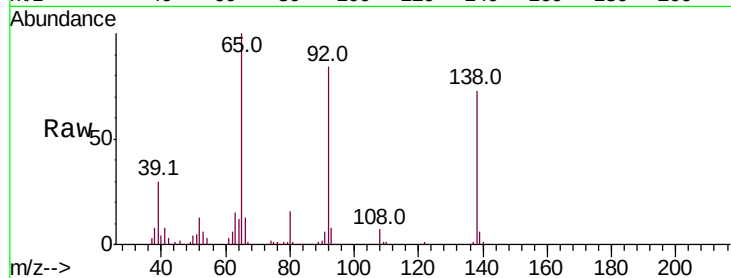




#53
 3-Nitroaniline
 Concen: 42.345 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

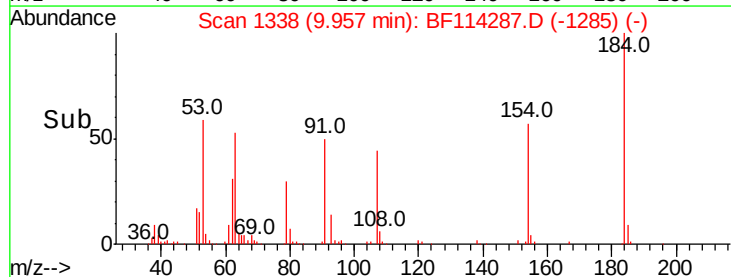
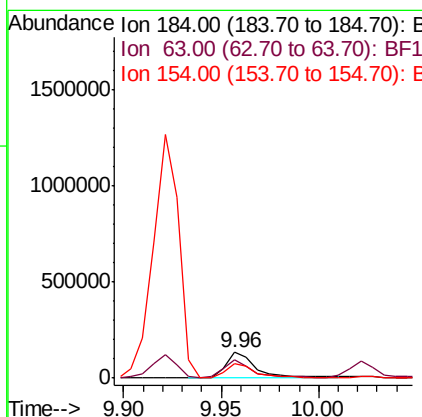
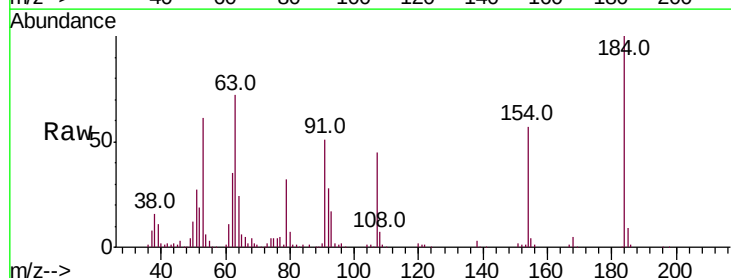
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

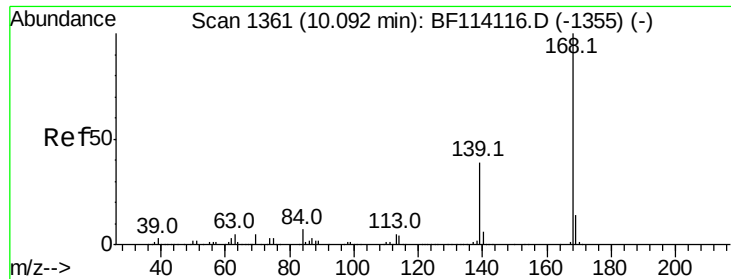
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.6
92	115.4	91.2	136.8



#54
 2,4-Dinitrophenol
 Concen: 40.475 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.2	55.6	83.4
154	56.9	46.0	69.0

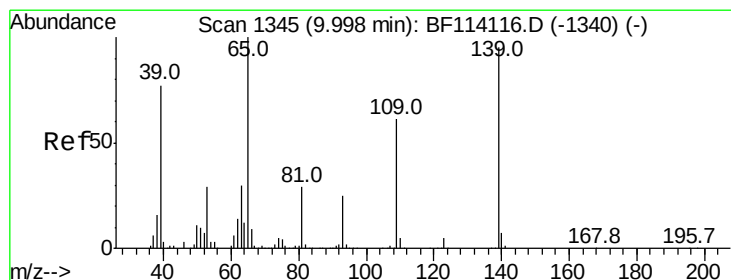
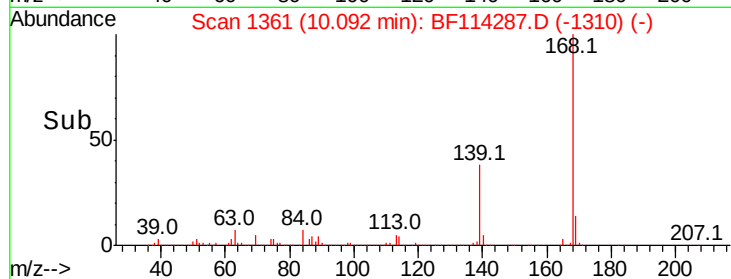
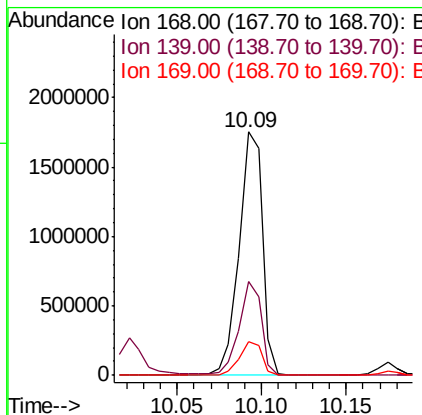
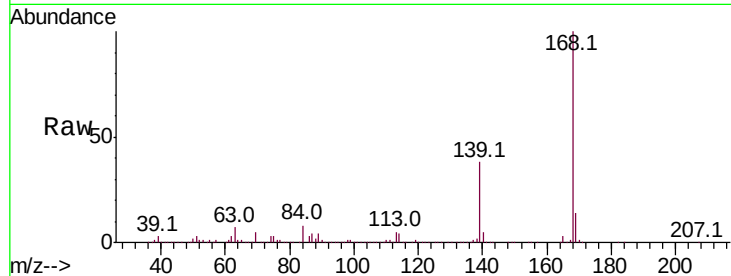




#55
Dibenzofuran
Concen: 38.365 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

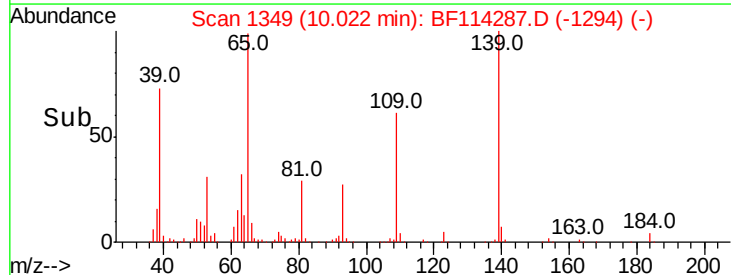
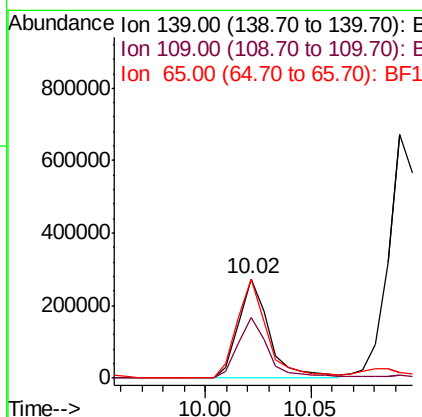
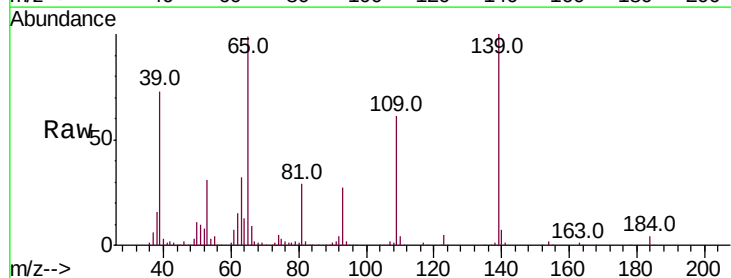
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

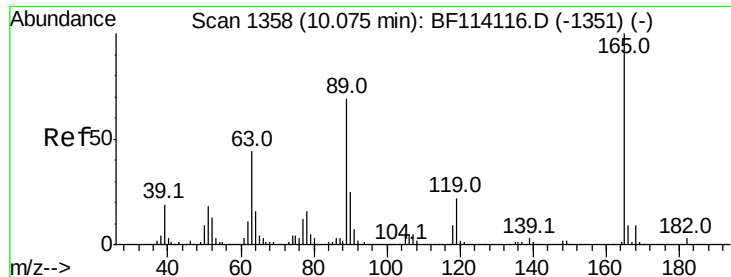
Tot Ion:168 Resp: 1691261
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 14.1 11.4 17.0



#56
4-Nitrophenol
Concen: 38.676 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:139 Resp: 273883
Ion Ratio Lower Upper
139 100
109 61.5 43.9 83.9
65 99.3 85.7 125.7

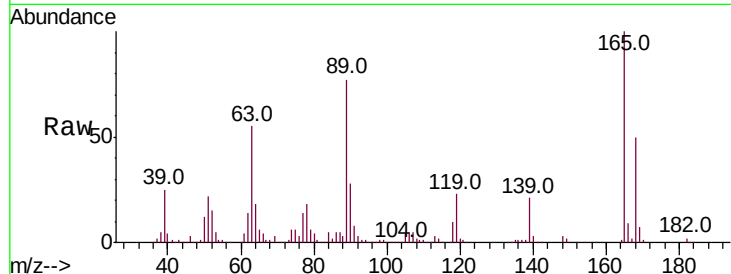




#57
2,4-Dinitrotoluene
Concen: 39.119 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.6	35.5	53.3#
89	77.3	55.2	82.8
182	2.3	2.2	3.2



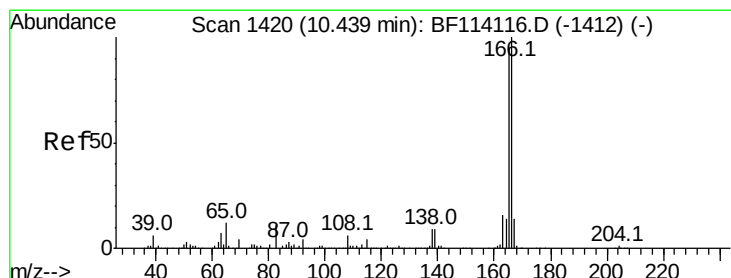
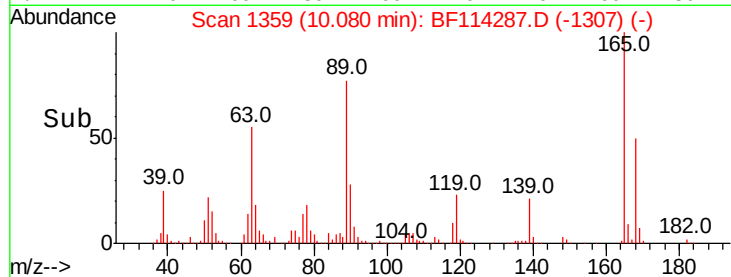
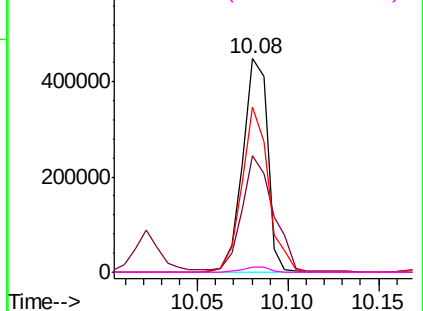
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

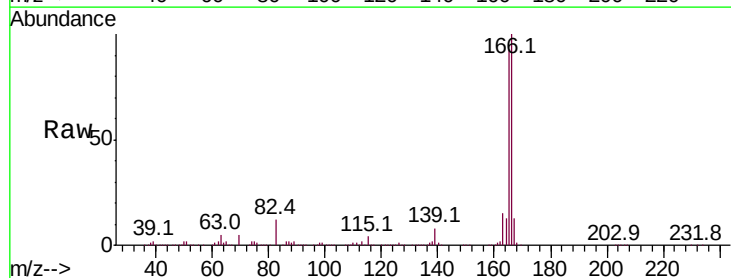
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.764 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.9	76.1	114.1
167	13.4	11.1	16.7

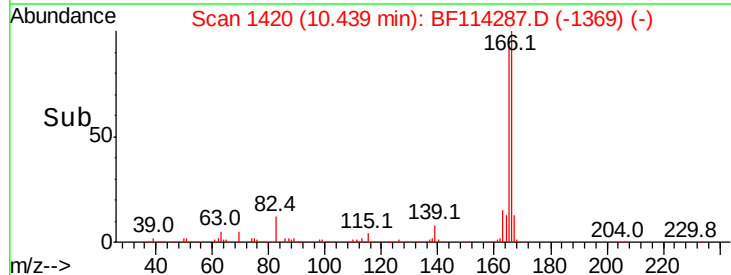
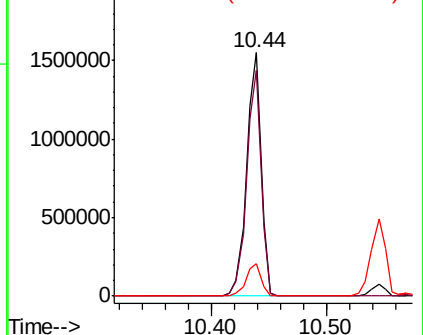


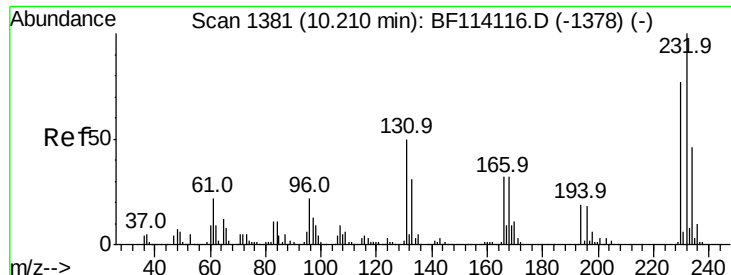
Abundance

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

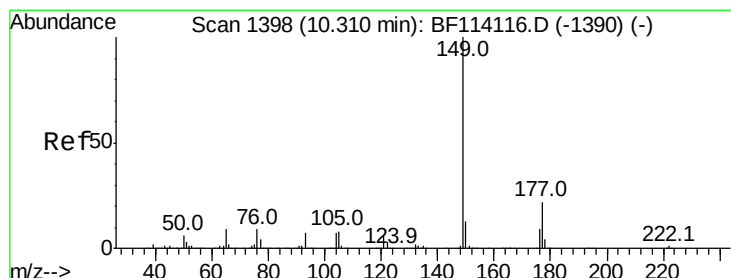
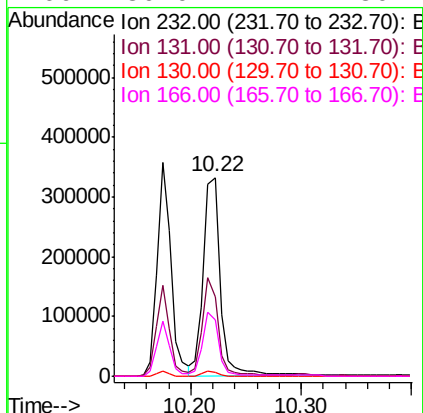
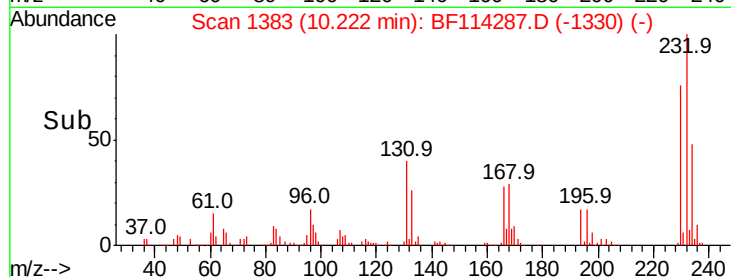
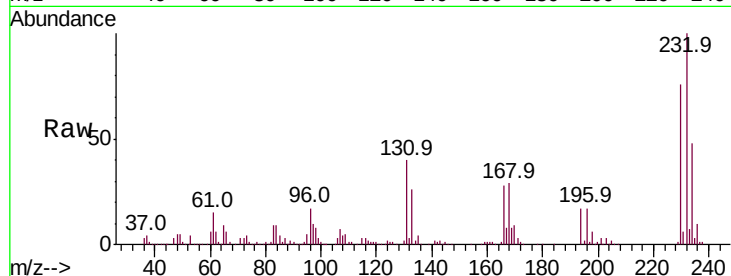




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.878 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

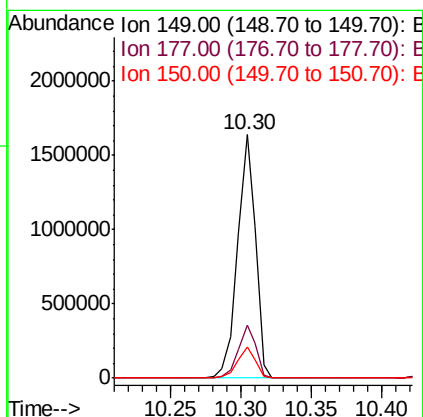
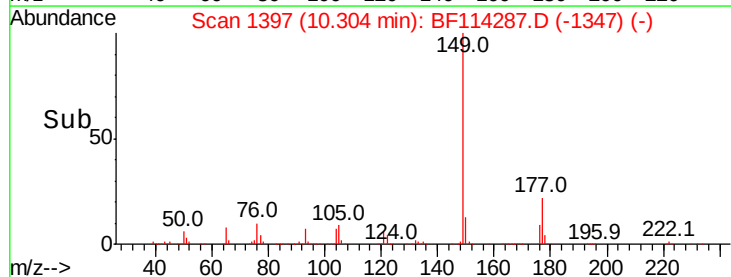
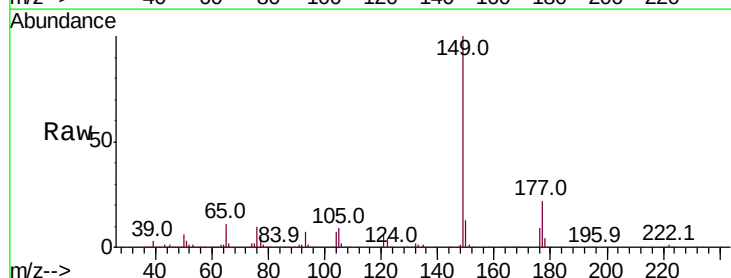
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

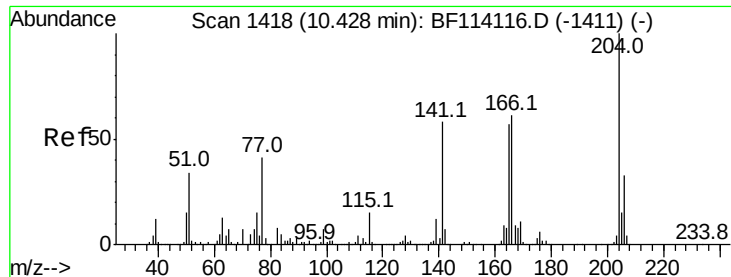
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	35.6	53.4
130	2.1	1.6	2.4
166	30.0	24.1	36.1



#60
Diethylphthalate
Concen: 39.156 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	12.8	10.2	15.2

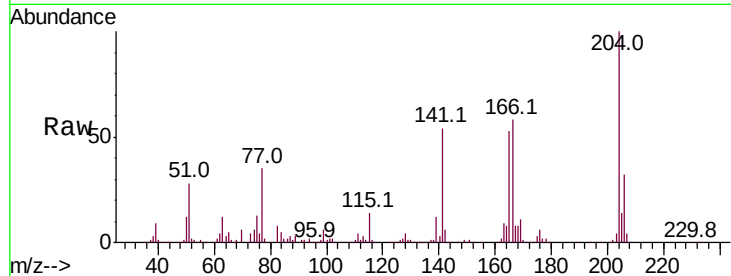




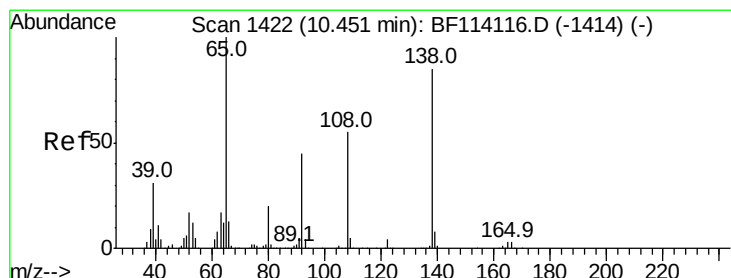
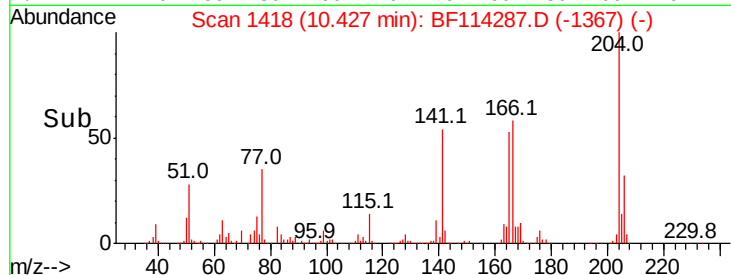
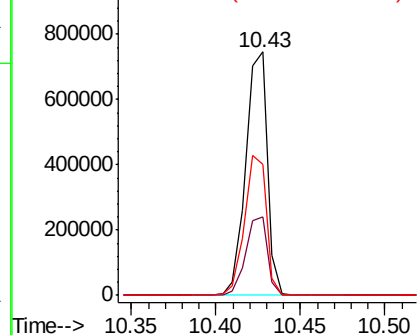
#61
4-Chlorophenyl-phenylether
Concen: 39.796 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 665552
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 53.6 46.4 69.6

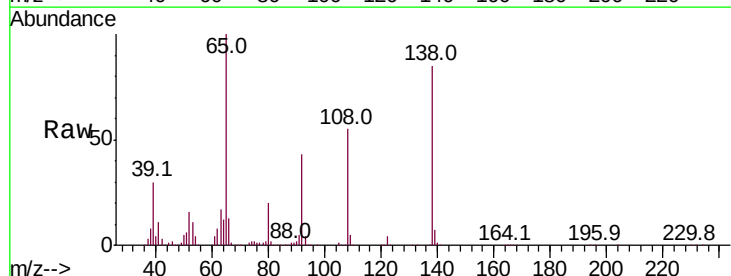


Abundance Ion 204.00 (203.70 to 204.70): E
1000000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

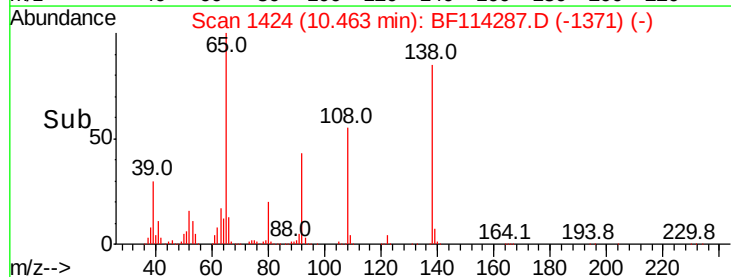
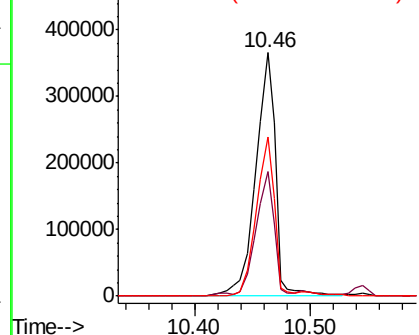


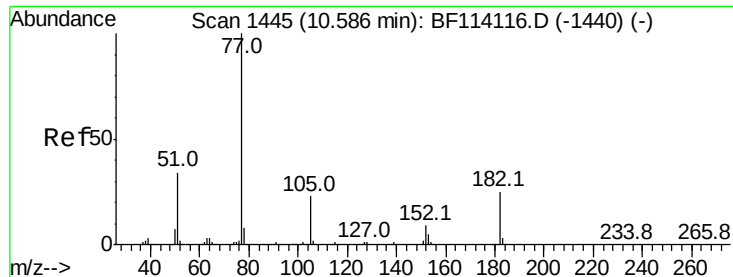
#62
4-Nitroaniline
Concen: 41.639 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:138 Resp: 438148
Ion Ratio Lower Upper
138 100
92 51.3 33.0 73.0
108 65.1 44.9 84.9



Abundance Ion 138.00 (137.70 to 138.70): E
500000 Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.076 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1433503

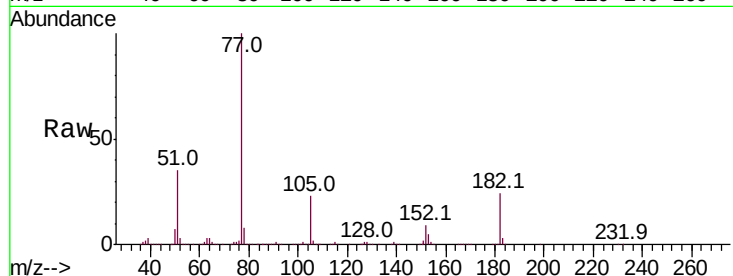
Ion Ratio Lower Upper

77 100

182 24.5 4.7 44.7

105 23.1 2.9 42.9

51 34.5 14.6 54.6

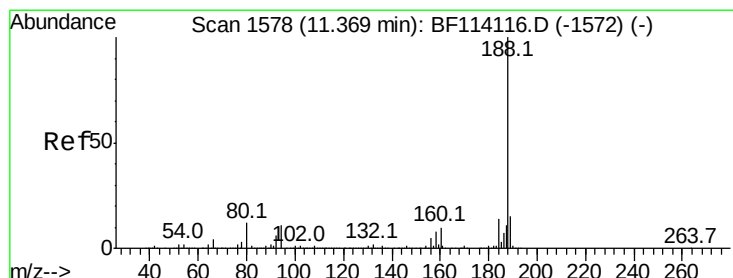
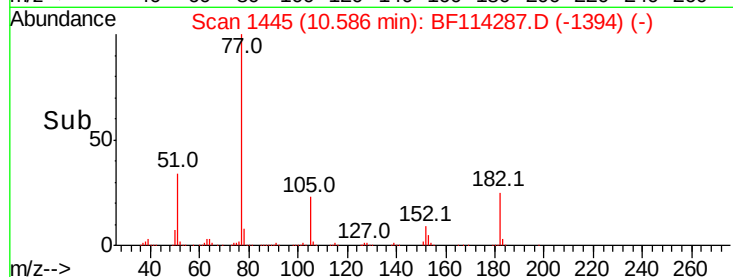
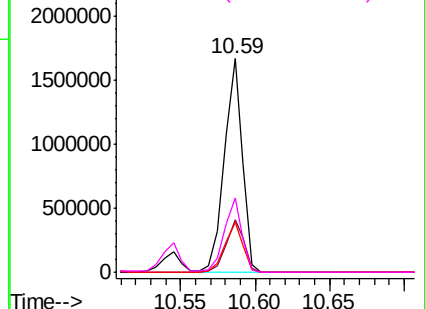


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

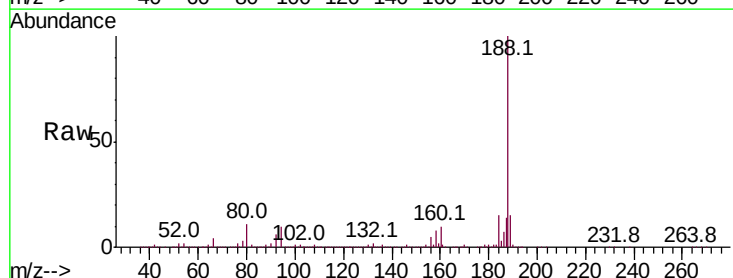
Tgt Ion:188 Resp: 973407

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

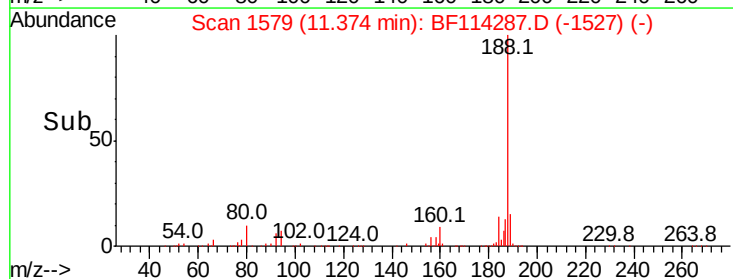
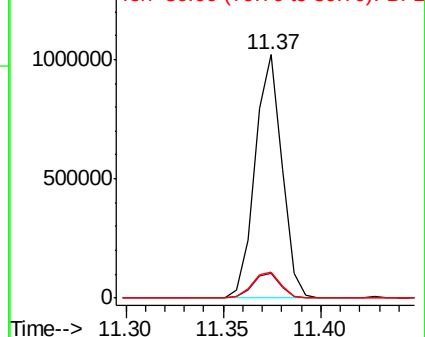
80 10.8 9.2 13.8

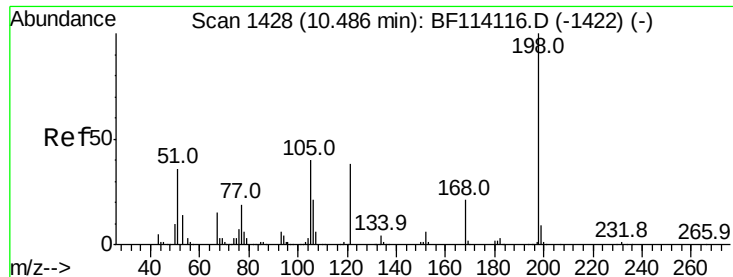


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

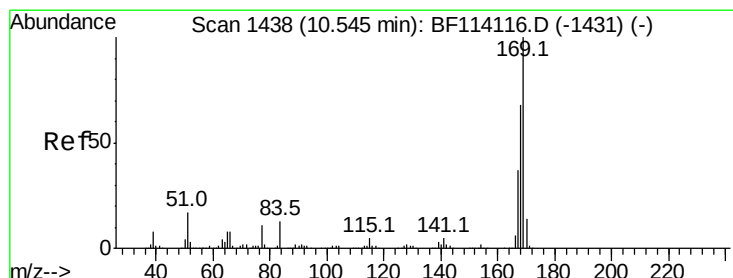
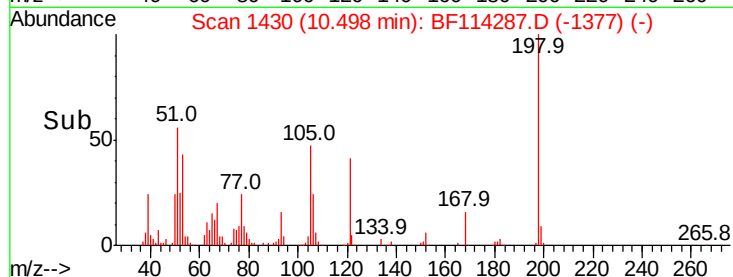
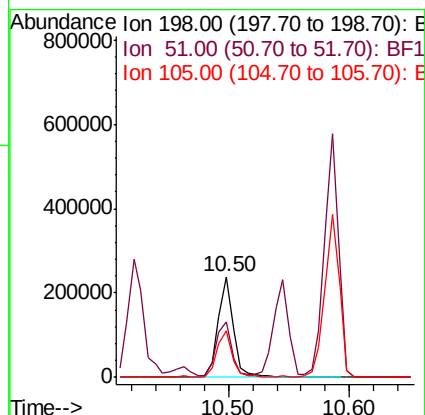
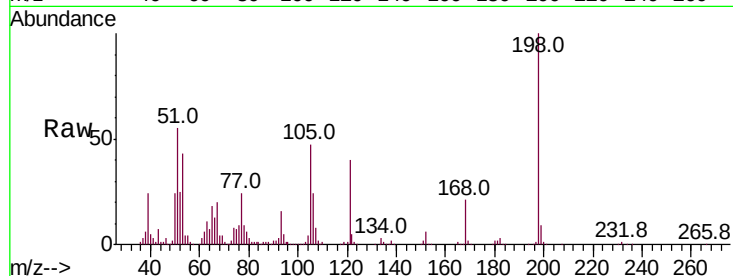




#65
4,6-Dinitro-2-methylphenol
Concen: 44.286 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

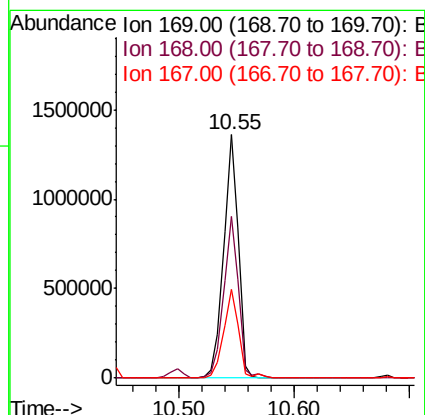
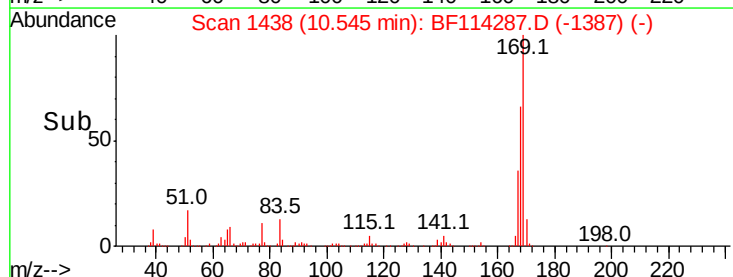
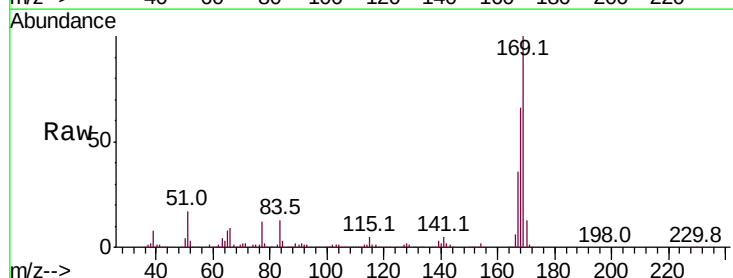
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

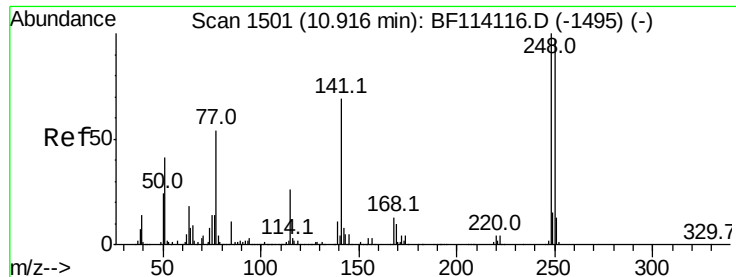
Tot Ion:198 Resp: 207143
Ion Ratio Lower Upper
198 100
51 55.5 28.0 68.0
105 46.5 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 40.718 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:169 Resp: 1202930
Ion Ratio Lower Upper
169 100
168 66.4 54.2 81.2
167 36.3 29.8 44.8

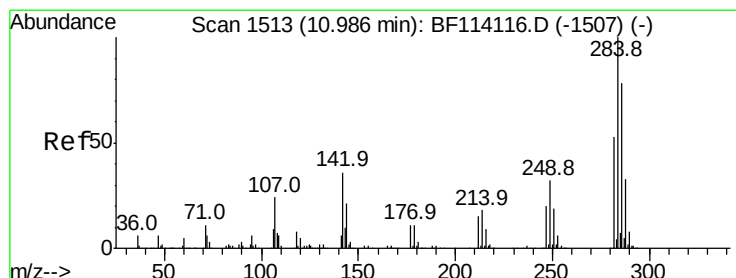
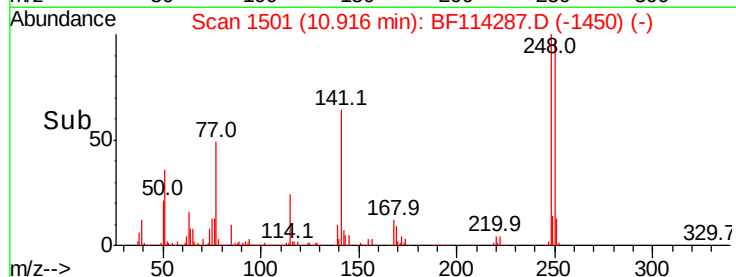
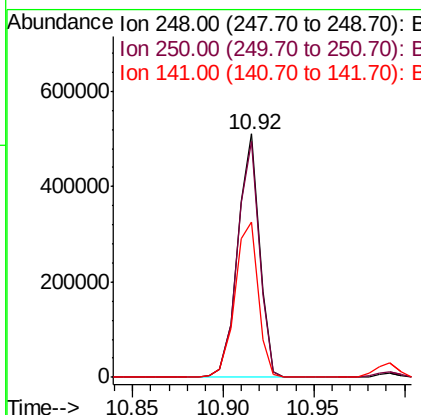
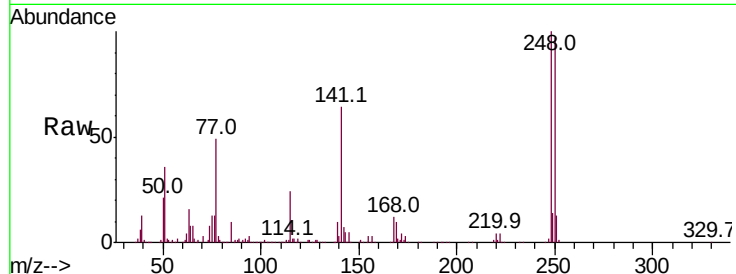




#67
4-Bromophenyl-phenylether
Concen: 39.738 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

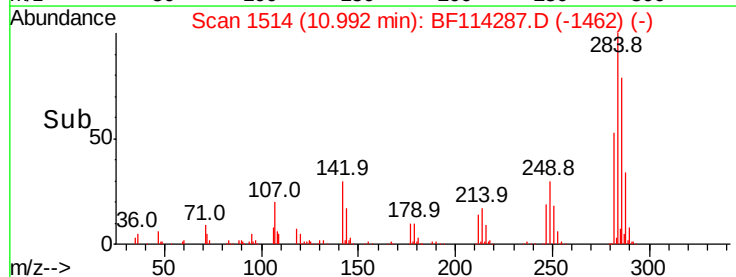
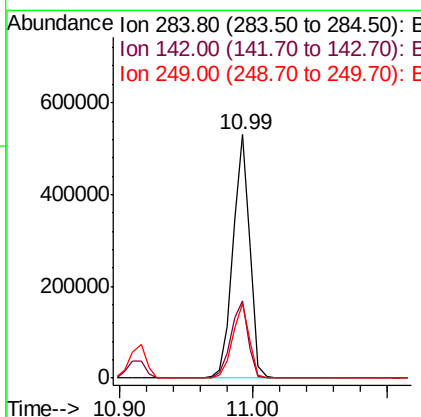
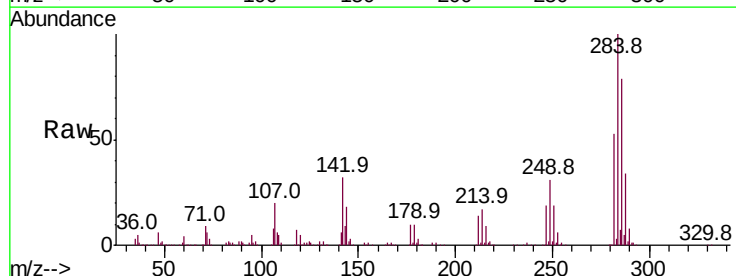
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

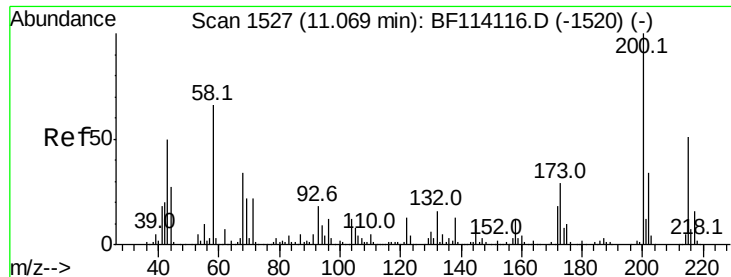
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.2
141	64.0	55.6	83.4



#68
Hexachlorobenzene
Concen: 39.646 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	28.4	42.6
249	30.7	25.2	37.8

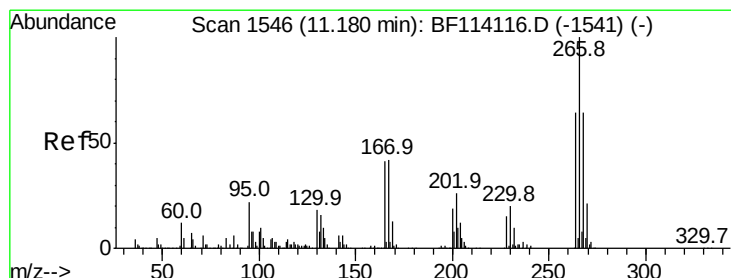
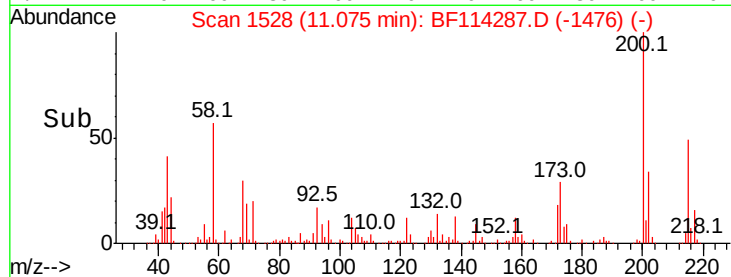
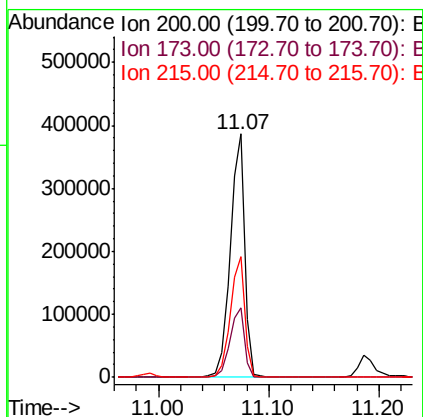
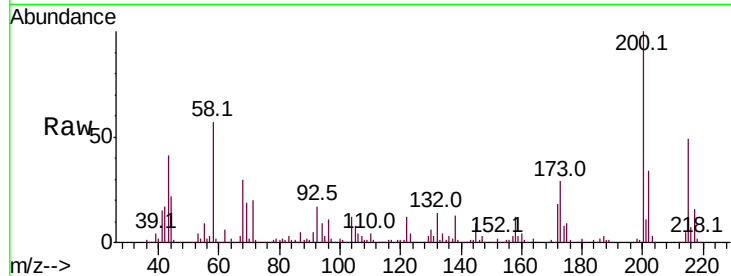




#69
 Atrazine
 Concen: 38.697 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

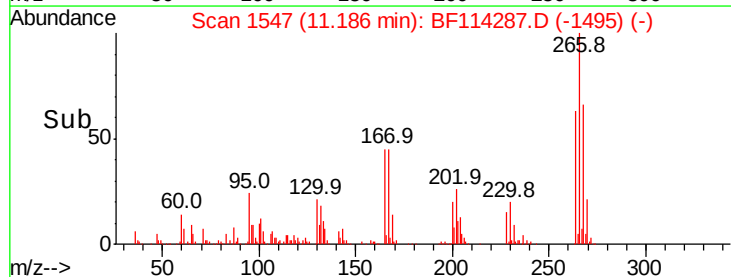
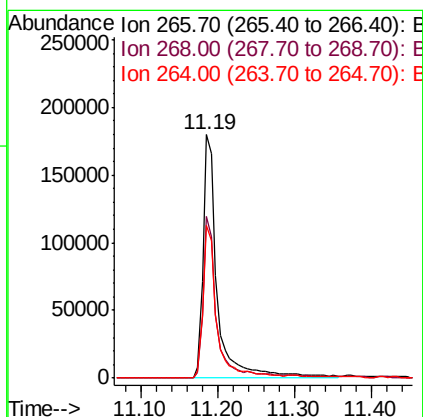
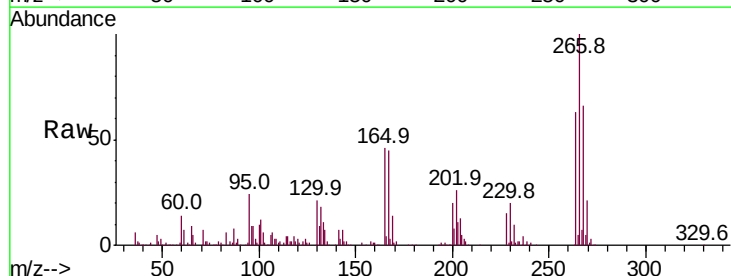
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

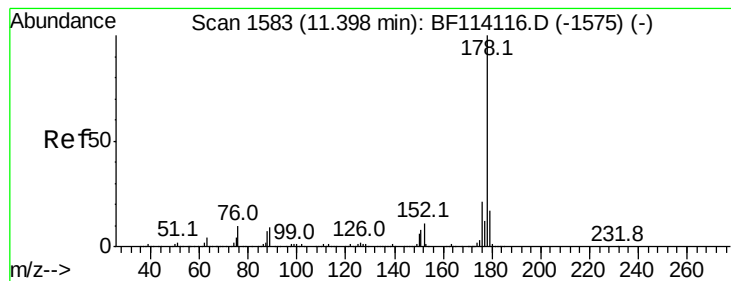
Tot Ion:200 Resp: 355771
 Ion Ratio Lower Upper
 200 100
 173 28.7 8.9 48.9
 215 49.5 30.7 70.7



#70
 Pentachlorophenol
 Concen: 41.815 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion:266 Resp: 235021
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 62.8 51.1 76.7





#71

Phenanthrene

Concen: 40.168 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

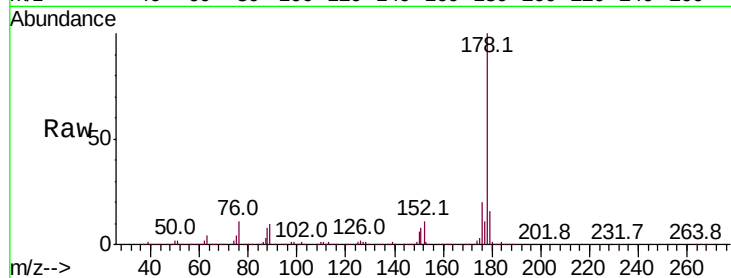
Tot Ion:178 Resp: 1902252

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

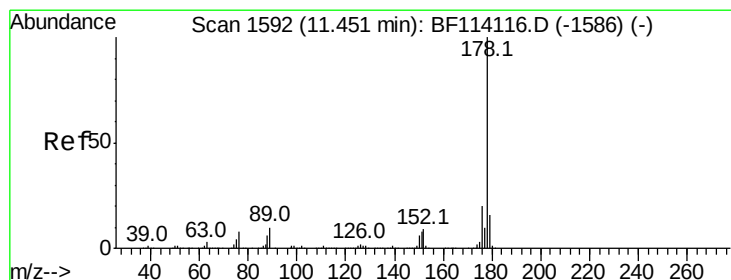
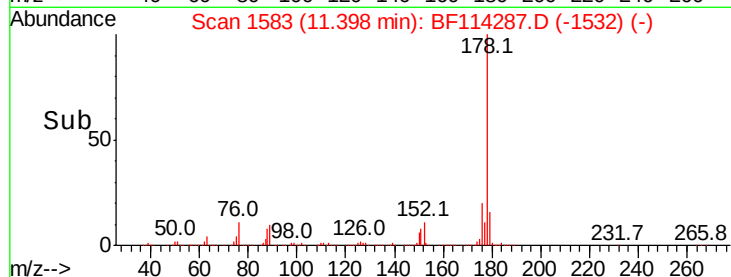
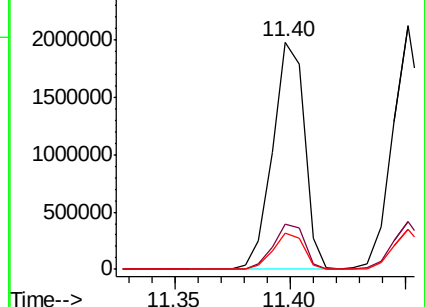
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.478 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

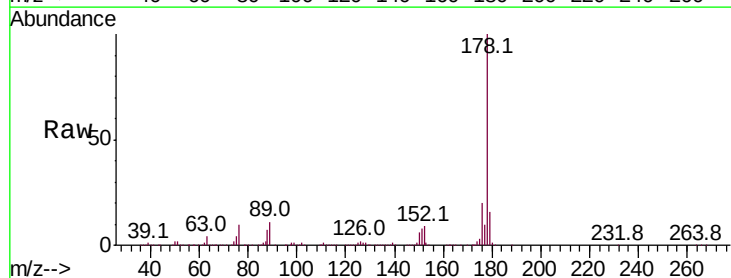
Tgt Ion:178 Resp: 1925414

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

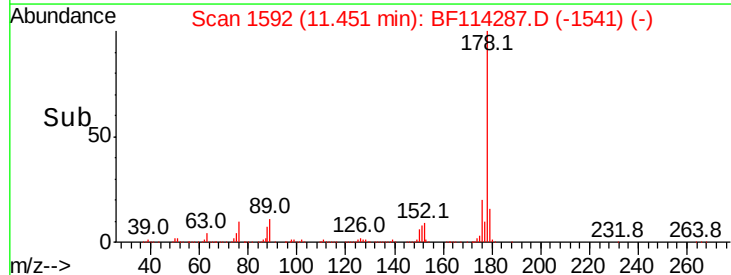
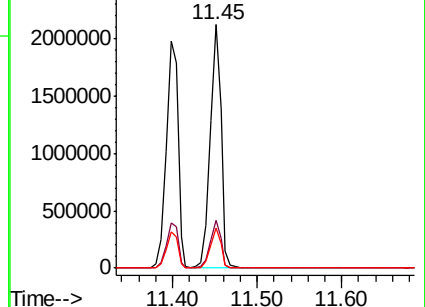
179 16.3 13.0 19.4

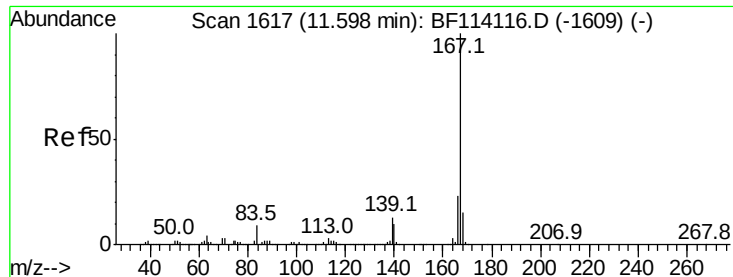


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

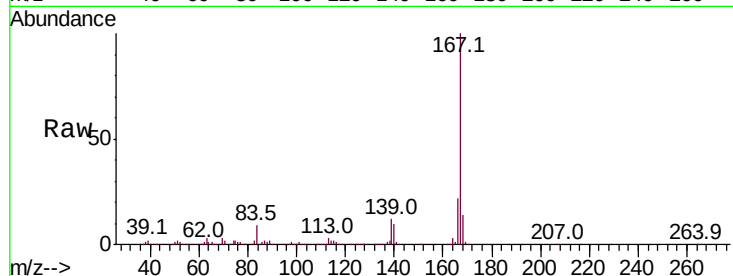




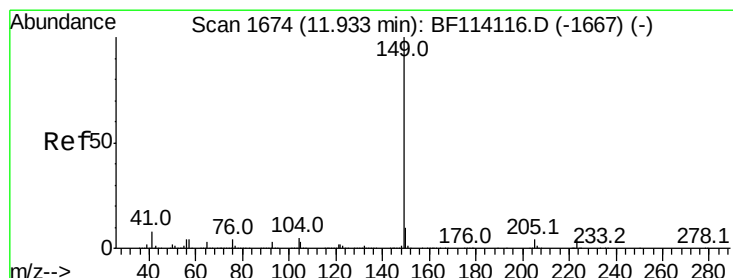
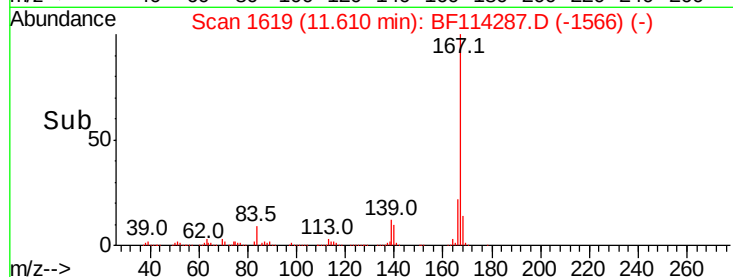
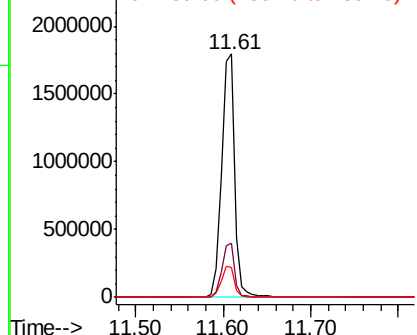
#73
 Carbazole
 Concen: 41.139 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1866006
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 12.4 10.6 16.0

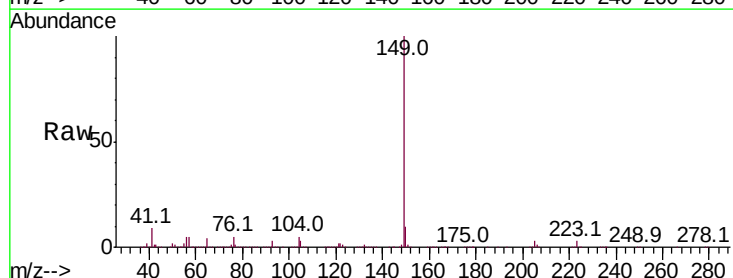


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

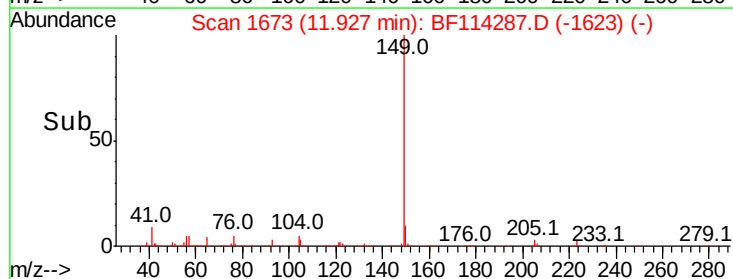
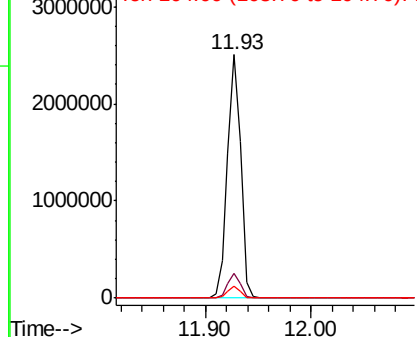


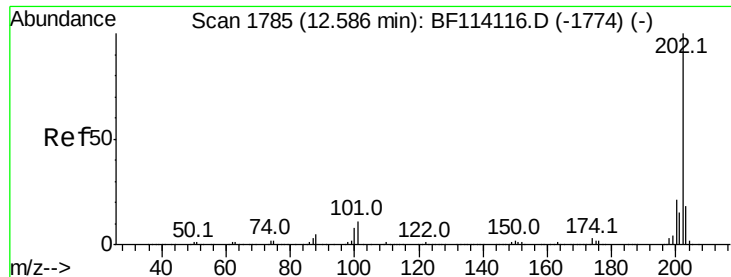
#74
 Di-n-butylphthalate
 Concen: 42.131 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion:149 Resp: 2201633
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.9 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

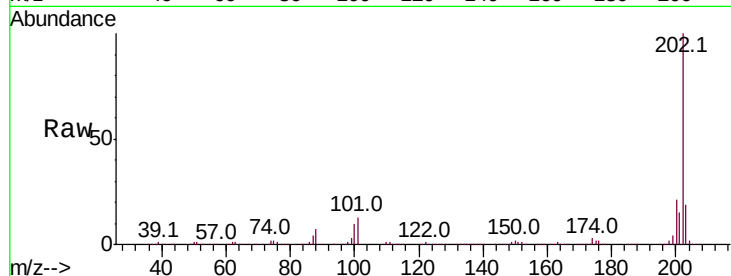




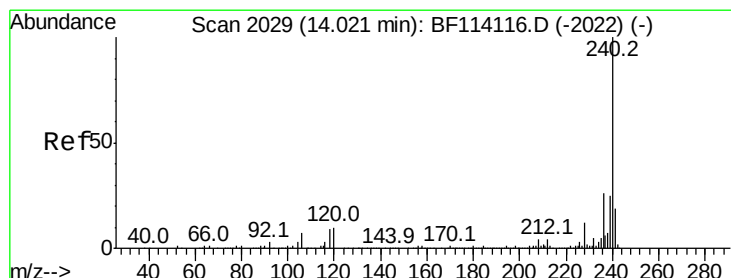
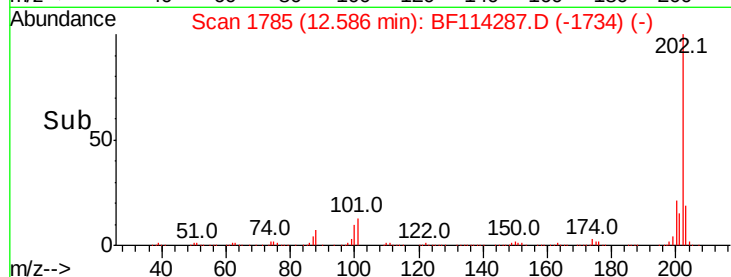
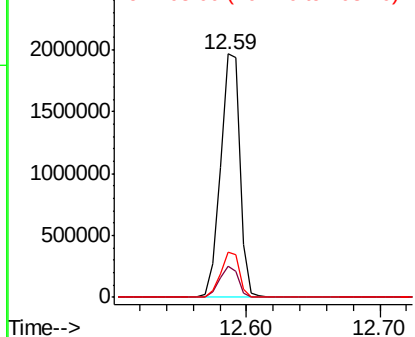
#75
 Fluoranthene
 Concen: 39.760 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:202 Resp: 2027697
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.0
 203 18.6 0.0 38.4

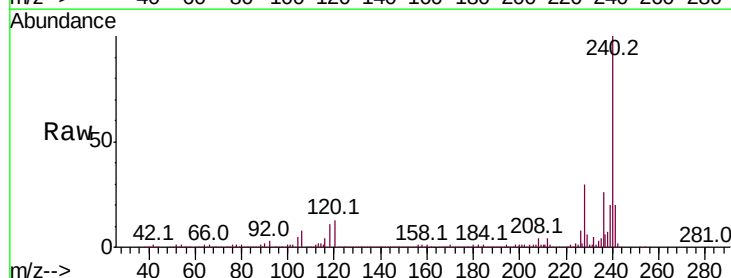


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

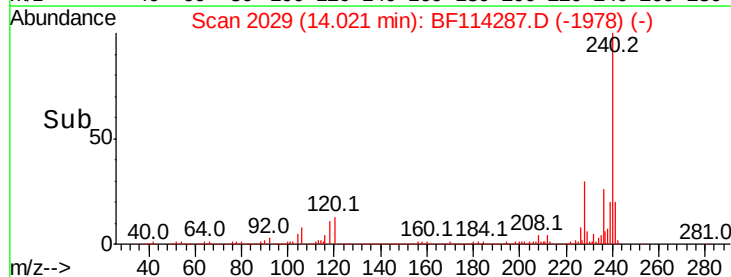
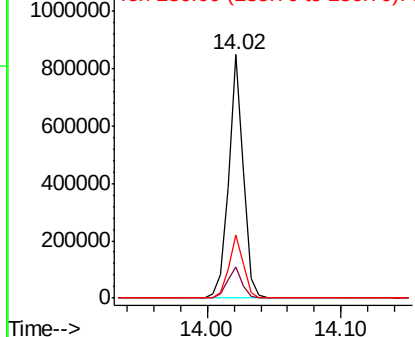


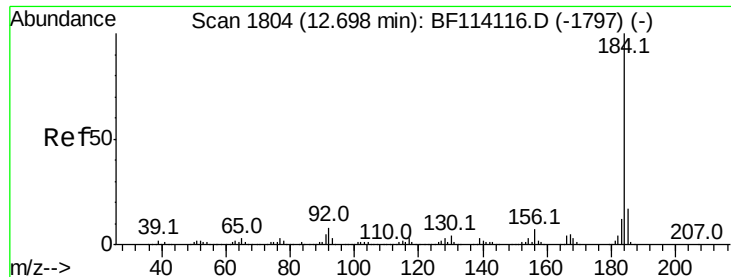
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF114287.D
 Acq: 15 May 2019 16:28

Tgt Ion:240 Resp: 653057
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.3 12.5#
 236 26.0 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.718 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

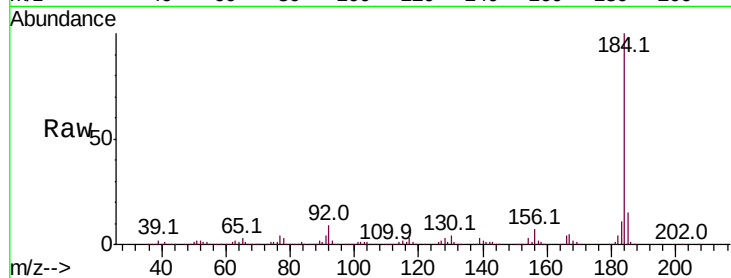
Tot Ion:184 Resp: 783219

Ion Ratio Lower Upper

184 100

185 15.0 13.6 20.4

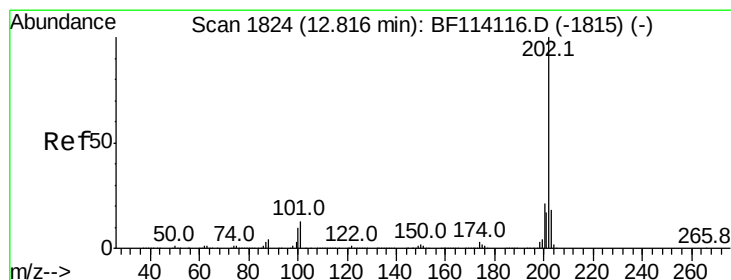
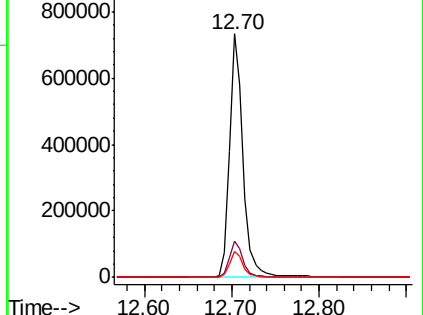
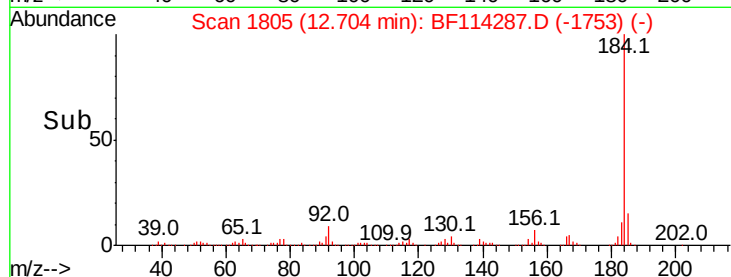
183 10.9 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.353 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

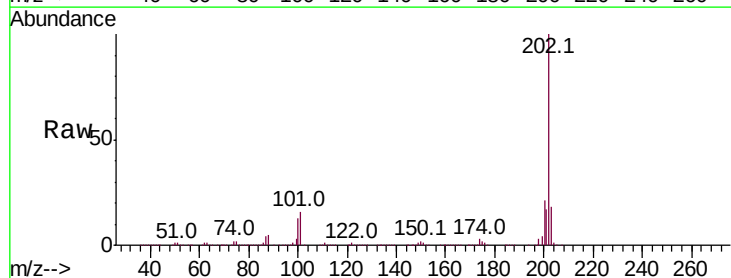
Tgt Ion:202 Resp: 2067395

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

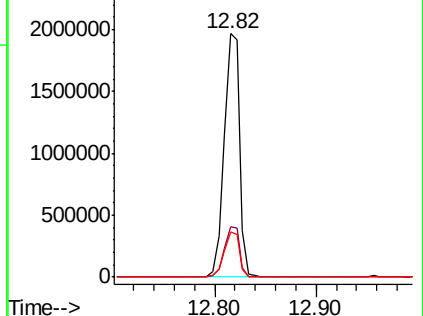
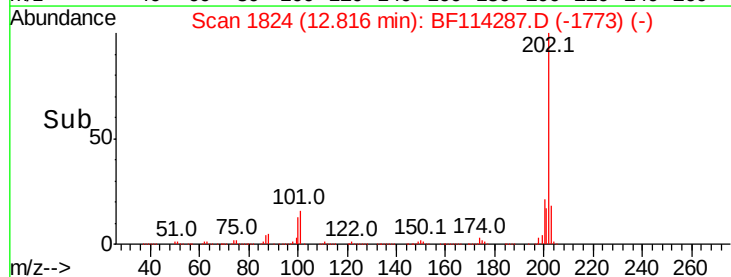
203 18.4 14.5 21.7

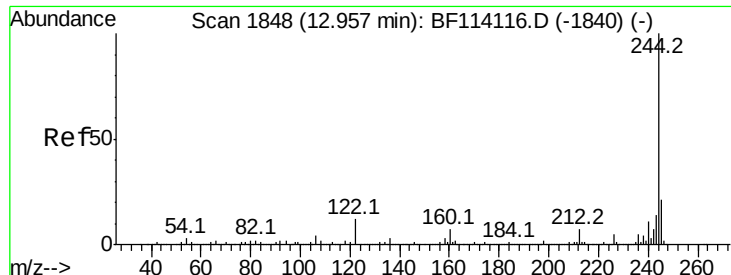


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.363 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

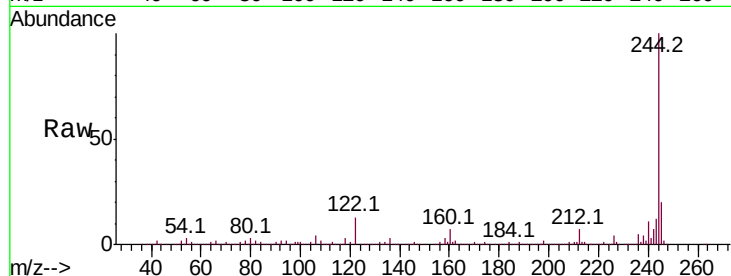
Tot Ion:244 Resp: 2450828

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

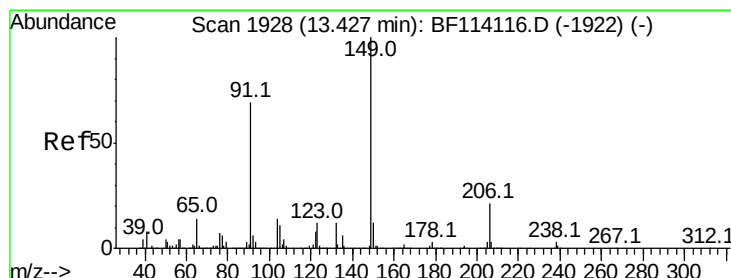
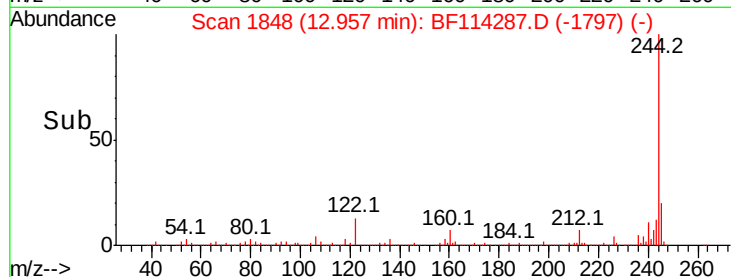
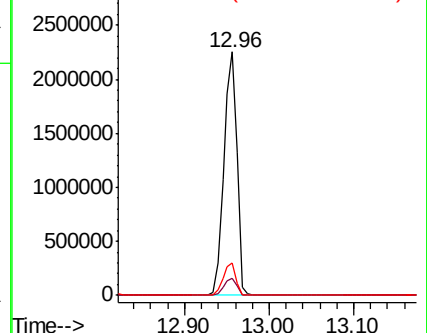
122 13.3 9.4 14.2



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: 43.667 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

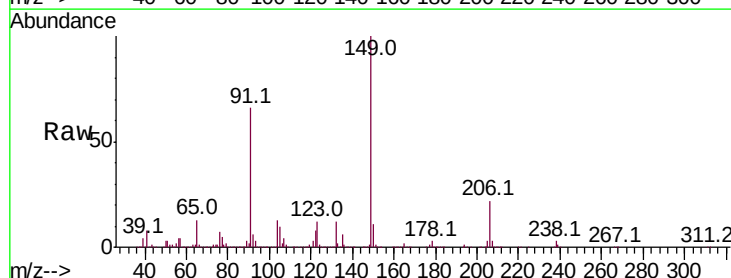
Tgt Ion:149 Resp: 965592

Ion Ratio Lower Upper

149 100

91 66.2 55.0 82.4

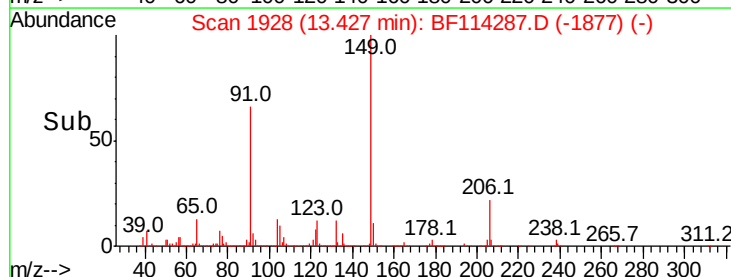
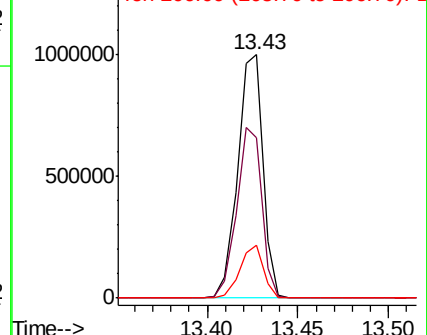
206 21.8 16.9 25.3

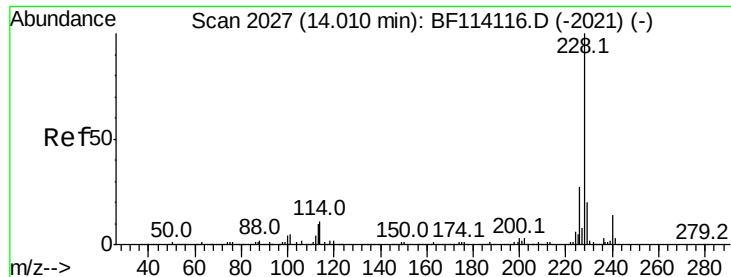


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

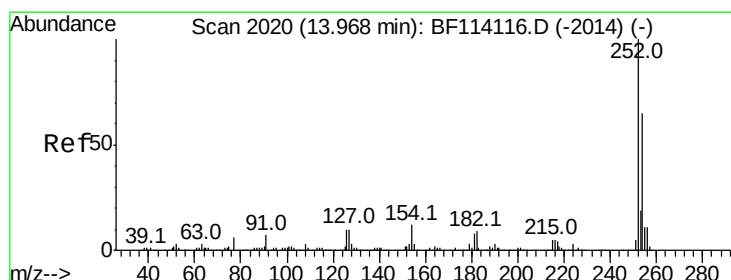
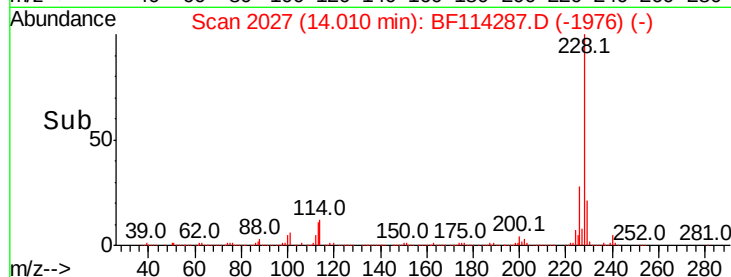
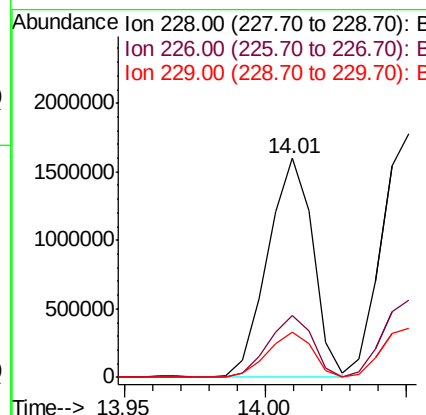
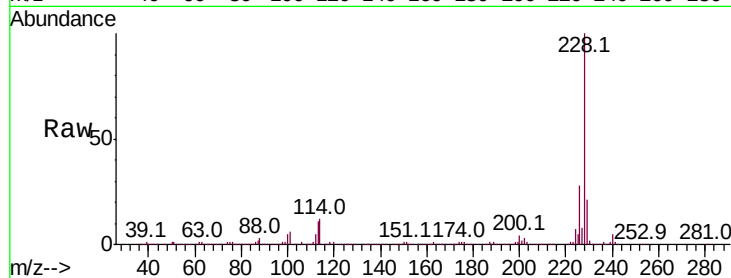




#81
Benzo(a)anthracene
Concen: 41.815 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

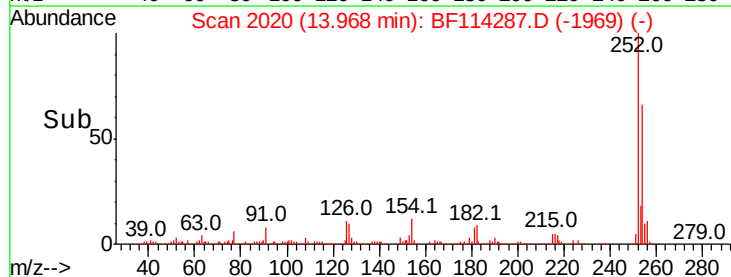
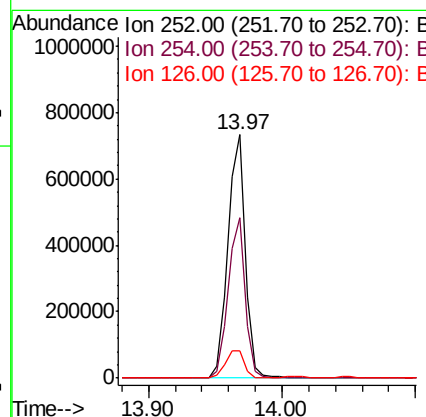
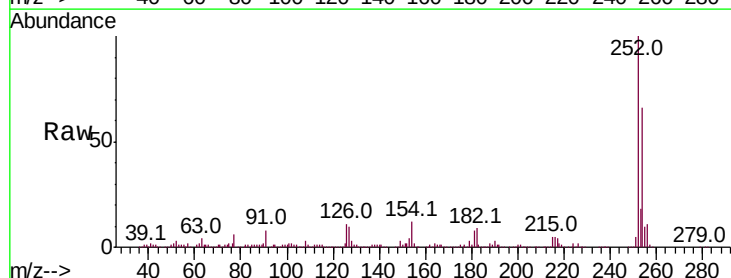
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

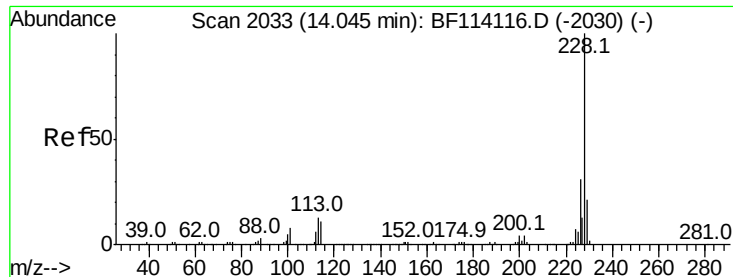
Tot Ion:228 Resp: 1766258
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.2
229 20.8 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 41.555 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:252 Resp: 680919
Ion Ratio Lower Upper
252 100
254 65.6 51.9 77.9
126 11.0 7.9 11.9





#83

Chrysene

Concen: 40.450 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

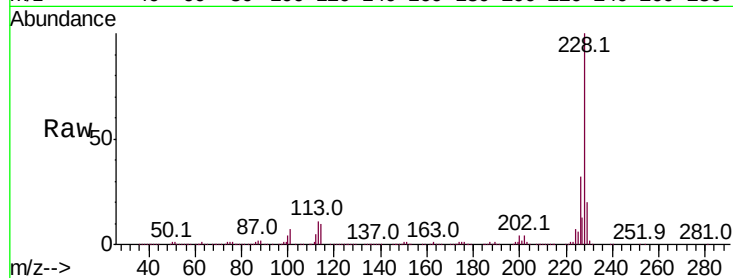
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1674879

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.1	17.0	25.6

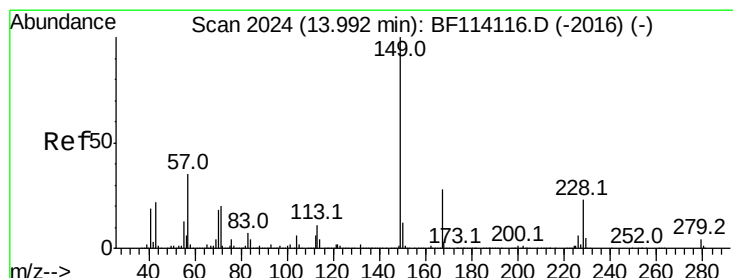
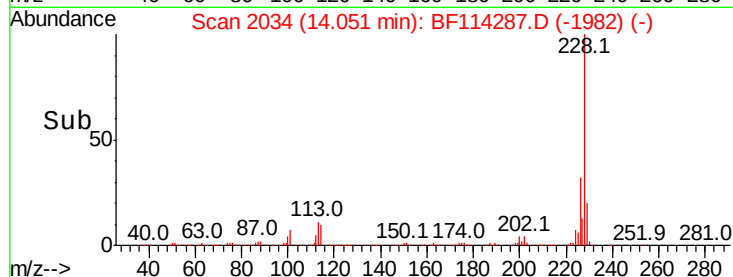
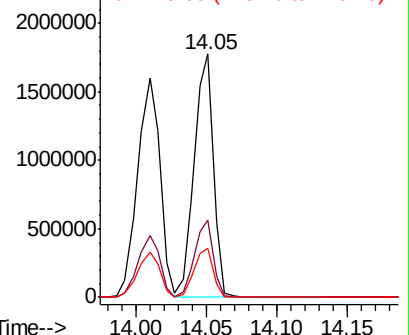


Abundance

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: 44.279 ng

RT: 13.99 min Scan# 2023

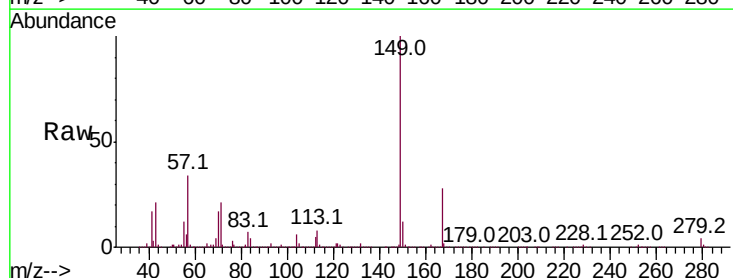
Delta R.T. -0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Tgt Ion:149 Resp: 1280558

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	4.1	3.0	4.6

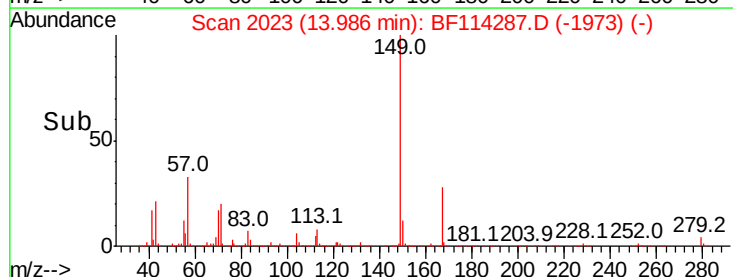
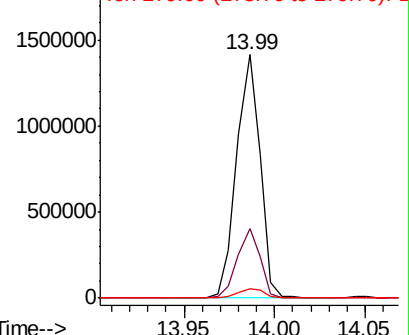


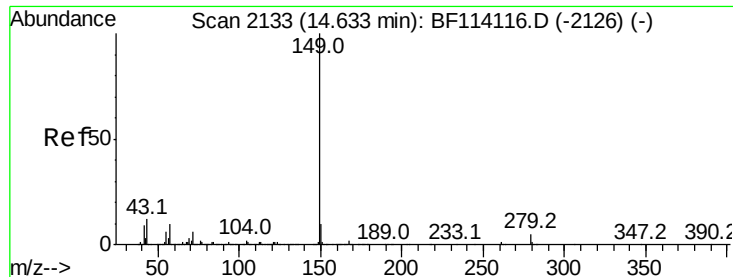
Abundance

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

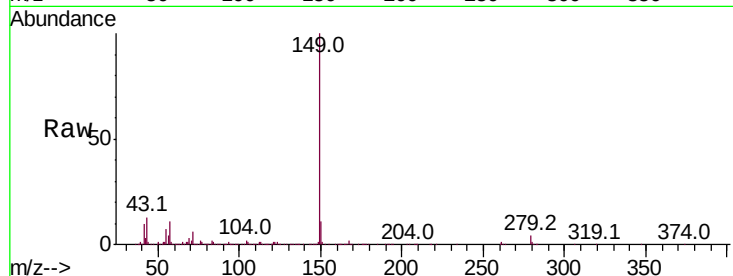




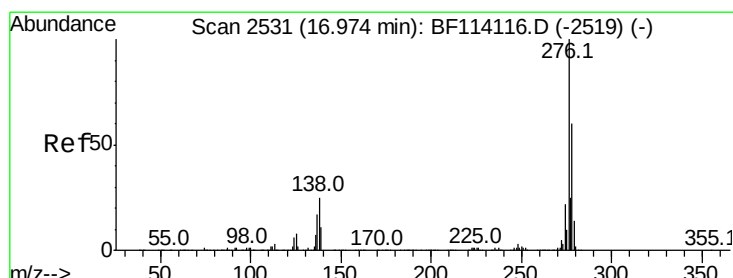
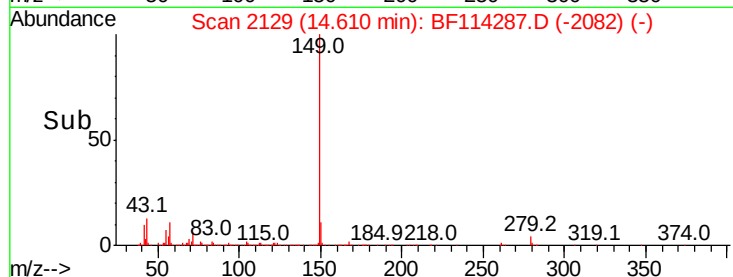
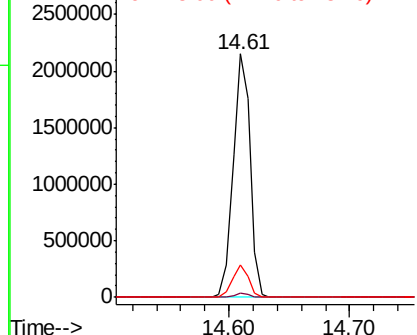
#85
Di-n-octyl phthalate
Concen: 44.574 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 2089694
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 10.1 15.1

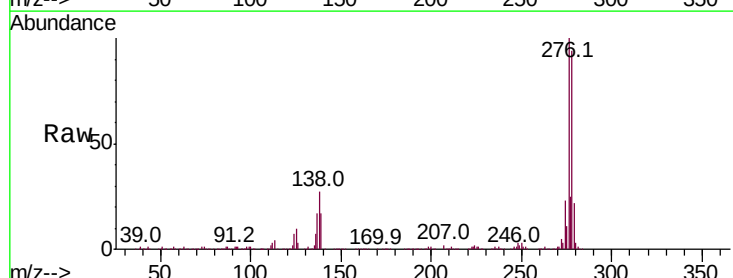


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

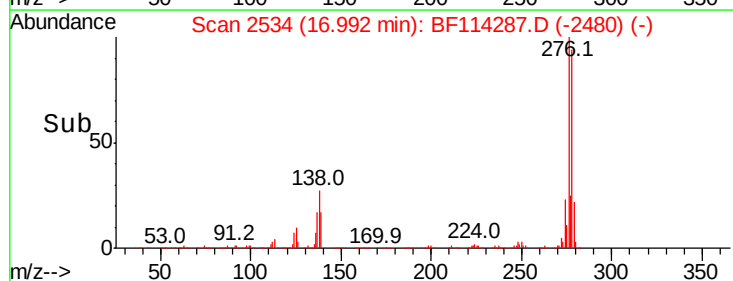
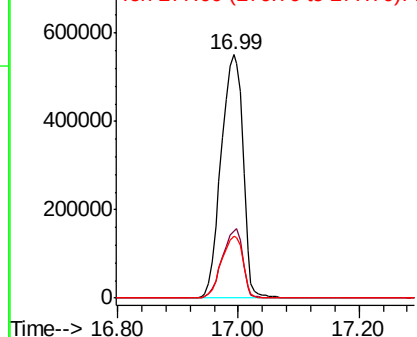


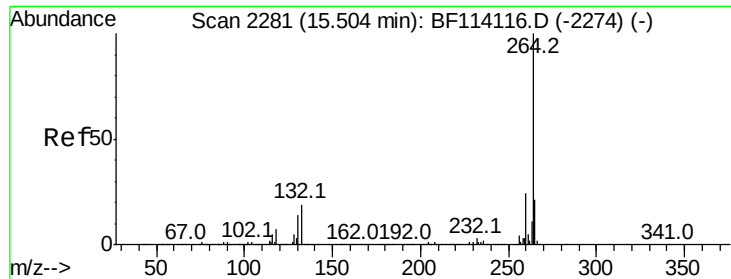
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.053 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:276 Resp: 1392533
Ion Ratio Lower Upper
276 100
138 26.8 20.2 30.2
277 25.2 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



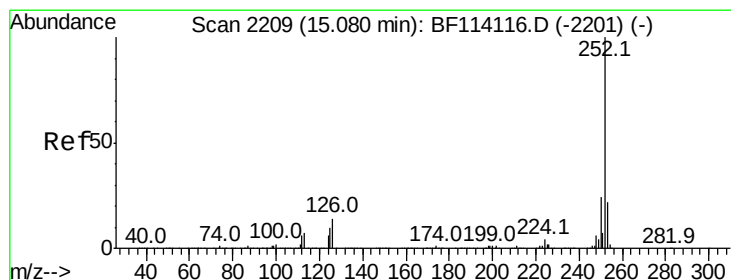
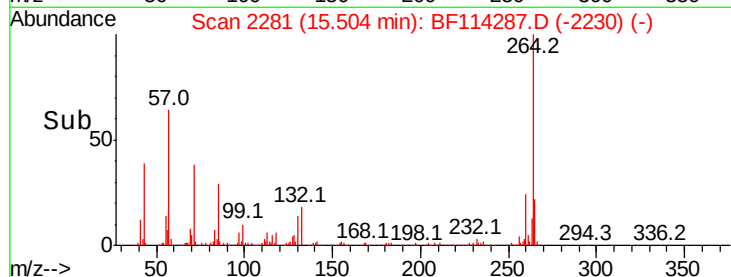
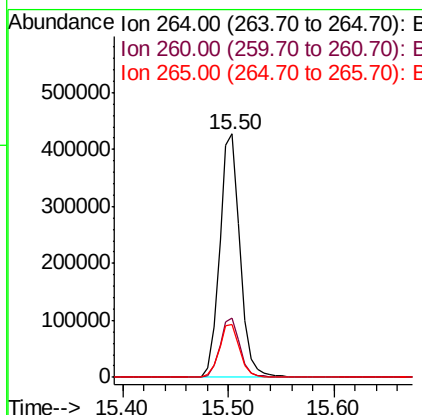
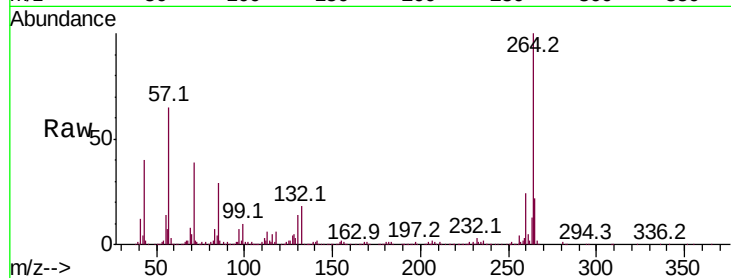


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 574380

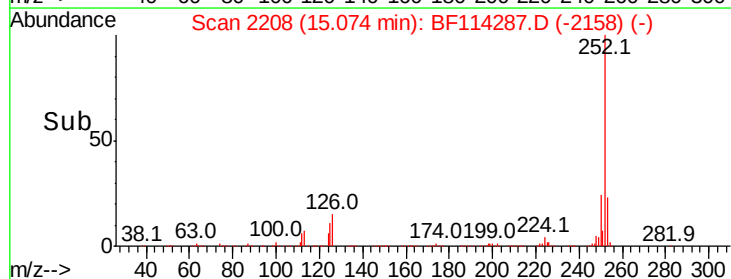
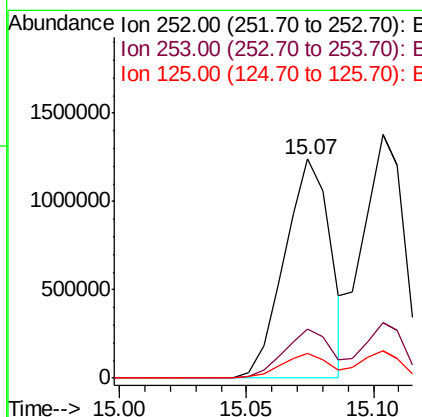
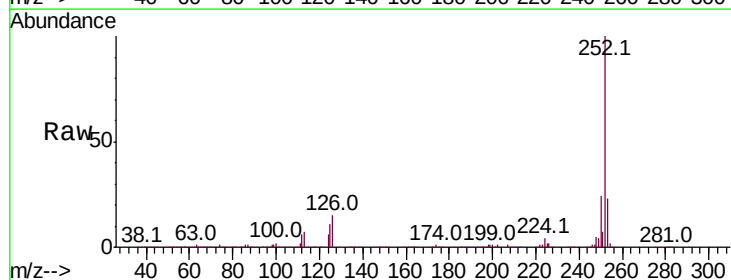
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.8	16.9	25.3

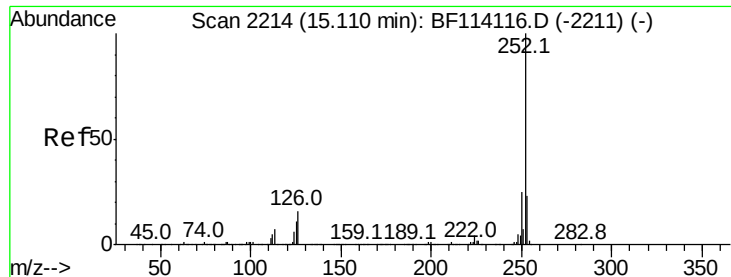


#88
Benzo(b)fluoranthene
Concen: 42.690 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:252 Resp: 1570896

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.0	8.3	12.5

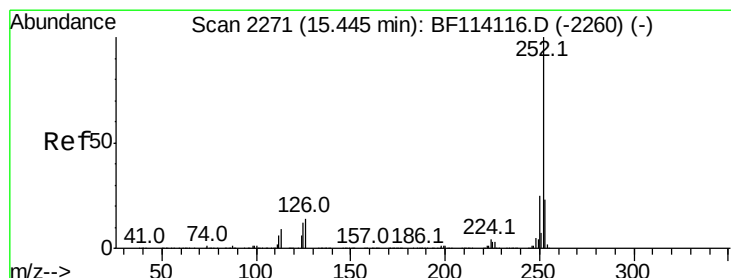
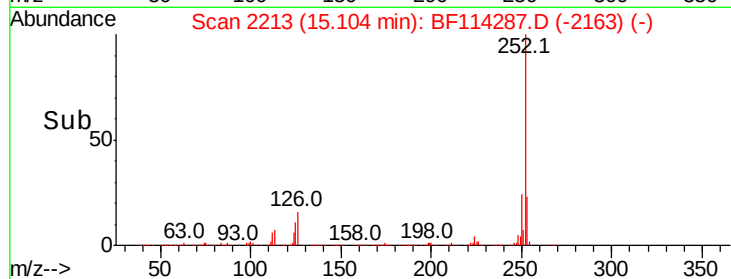
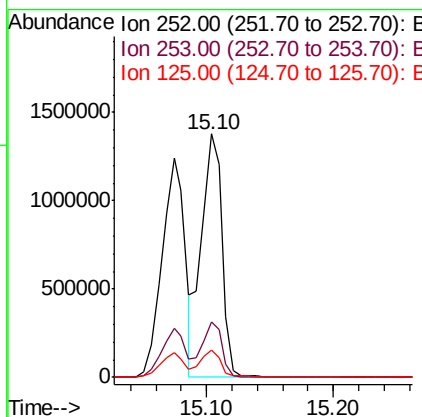
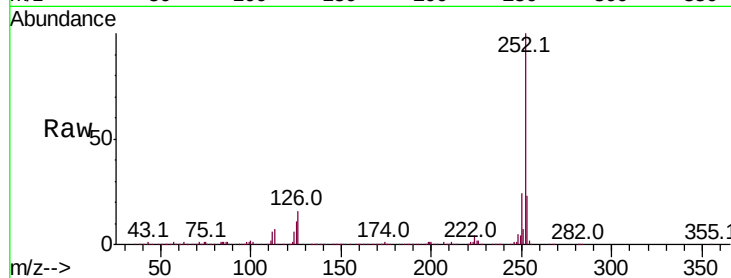




#89
Benzo(k)fluoranthene
Concen: 46.214 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

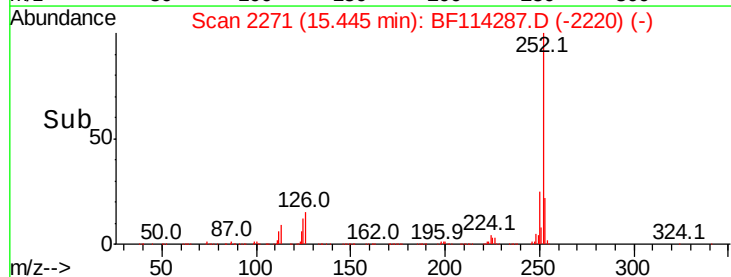
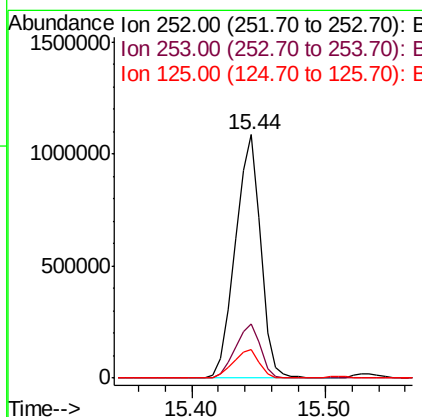
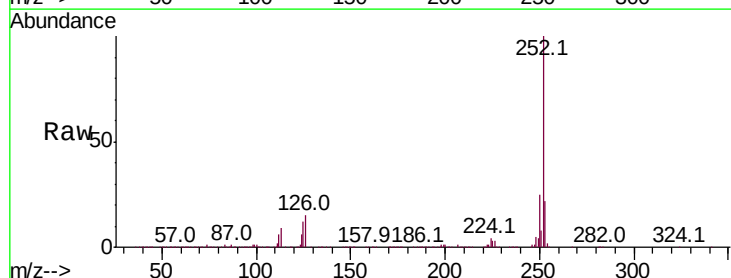
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

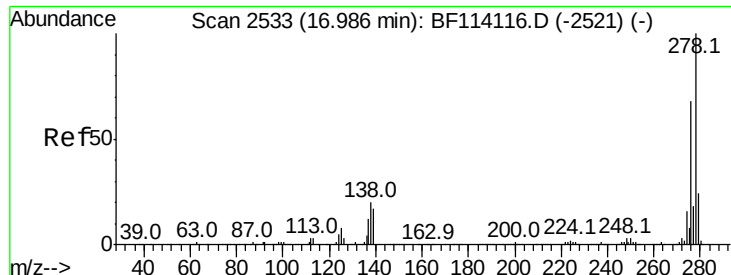
Tot Ion:252 Resp: 1562170
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 44.286 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF114287.D
Acq: 15 May 2019 16:28

Tgt Ion:252 Resp: 1434211
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.7 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 42.817 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

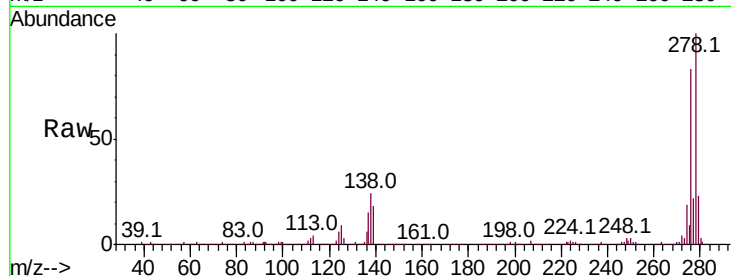
Tot Ion:278 Resp: 1152246

Ion Ratio Lower Upper

278 100

139 17.7 13.5 20.3

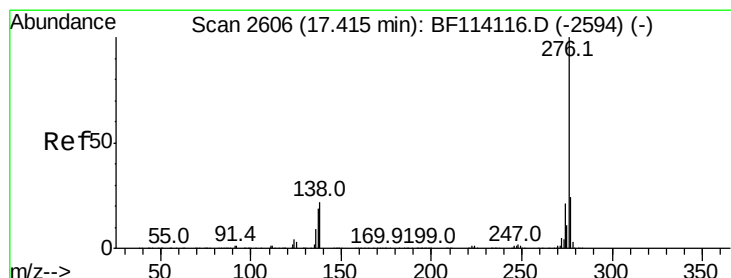
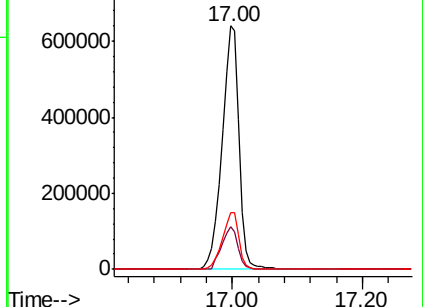
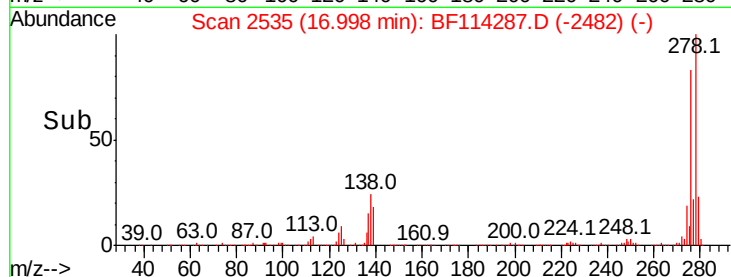
279 23.4 19.0 28.6



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: 43.076 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF114287.D

Acq: 15 May 2019 16:28

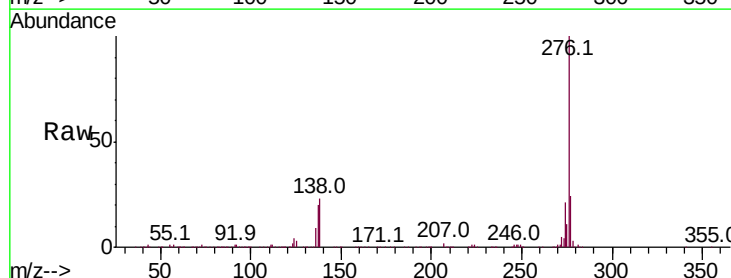
Tgt Ion:276 Resp: 1161693

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 23.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

