

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114789.D
 Acq On : 4 Jun 2019 11:52
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 13:12:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 13:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	377793	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1550999	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	783982	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1507480	20.00	ng	0.00
76) Chrysene-d12	13.79	240	980755	20.00	ng	0.00
87) Perylene-d12	15.17	264	1114302	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	945230	47.31	ng	0.00
7) Phenol-d6	6.29	99	1172350	48.50	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1064937	43.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	372572	46.96	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2194374	50.44	ng	0.00
79) Terphenyl-d14	12.74	244	2144833	40.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	212045	21.914	ng	99
3) Pyridine	2.97	79	586581	21.689	ng	98
4) n-Nitrosodimethylamine	2.89	42	205435	20.333	ng	94
6) Aniline	6.32	93	819857	22.796	ng	94
8) 2-Chlorophenol	6.45	128	542010	22.480	ng	99
9) Benzaldehyde	6.20	77	407813	28.137	ng	96
10) Phenol	6.30	94	671820	23.413	ng	78
11) bis(2-Chloroethyl)ether	6.40	93	497851	22.028	ng	98
12) 1,3-Dichlorobenzene	6.60	146	632992	22.703	ng	98
13) 1,4-Dichlorobenzene	6.68	146	647712	23.061	ng	98
14) 1,2-Dichlorobenzene	6.83	146	607775	23.969	ng	98
15) Benzyl Alcohol	6.80	79	439120	22.965	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	719484	22.035	ng	99
17) 2-Methylphenol	6.92	107	444085	21.649	ng	98
18) Hexachloroethane	7.18	117	230153	21.757	ng	99
19) n-Nitroso-di-n-propylamine	7.08	70	364146	21.701	ng	98
20) 3+4-Methylphenols	7.07	107	544848	24.023	ng	# 83
22) Acetophenone	7.07	105	745088	22.680	ng	# 98
24) Nitrobenzene	7.24	77	560393	22.219	ng	97
25) Isophorone	7.49	82	1014008	20.927	ng	98
26) 2-Nitrophenol	7.56	139	281889	20.654	ng	98
27) 2,4-Dimethylphenol	7.60	122	447225	21.387	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	677662	21.779	ng	99
29) 2,4-Dichlorophenol	7.80	162	477339	21.662	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	560523	22.249	ng	98
31) Naphthalene	7.97	128	1624885	24.098	ng	97
32) Benzoic acid	7.70	122	279967	18.787	ng	99
33) 4-Chloroaniline	8.02	127	735236	22.449	ng	99
34) Hexachlorobutadiene	8.10	225	319914	22.306	ng	98
35) Caprolactam	8.37	113	151016	21.304	ng	99
36) 4-Chloro-3-methylphenol	8.50	107	475618	21.853	ng	96
37) 2-Methylnaphthalene	8.66	142	1100933	23.445	ng	99
38) 1-Methylnaphthalene	8.76	142	1041286	23.397	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	508754	23.304	ng	99

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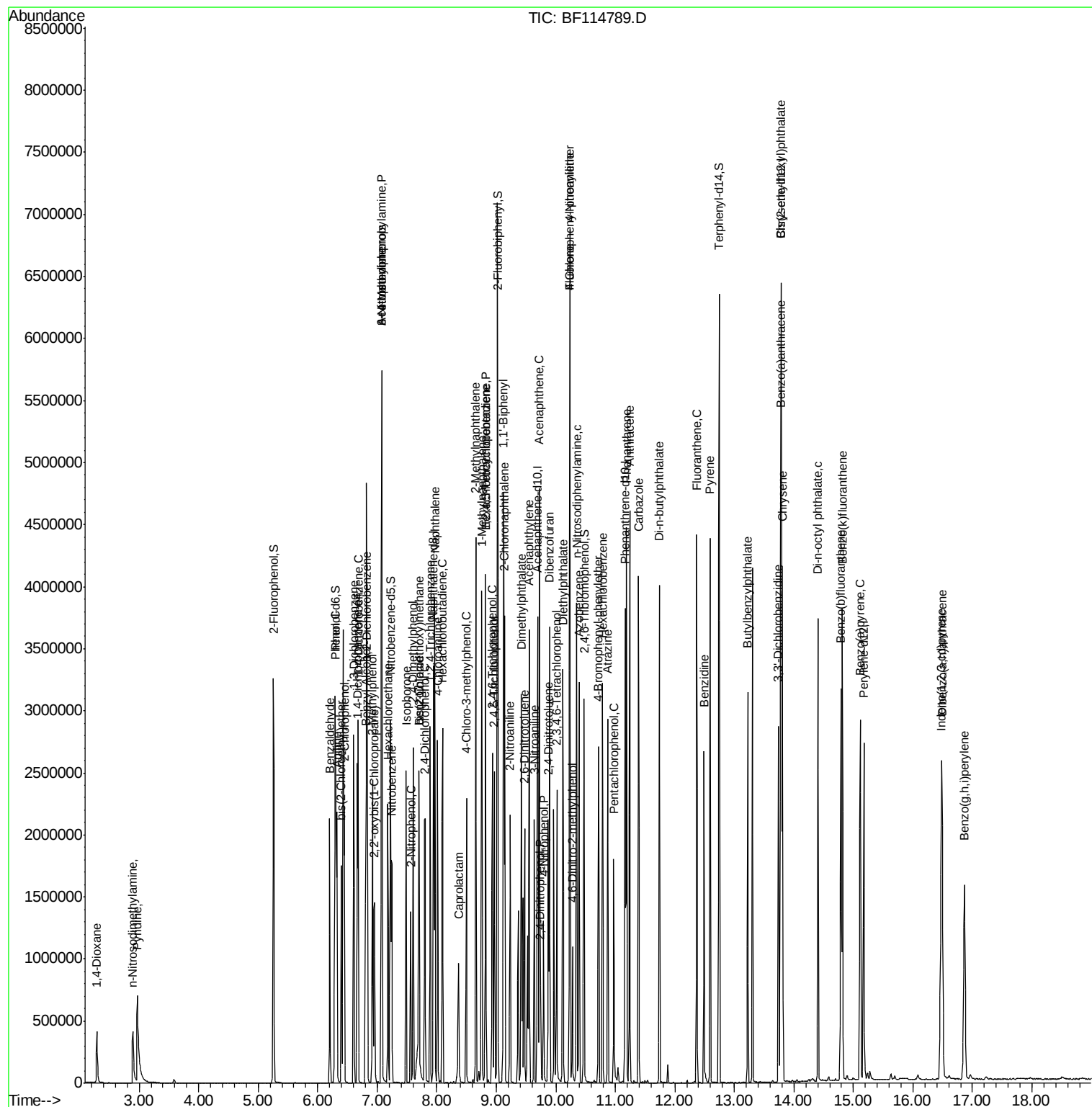
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	282026	20.727	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	364563	21.390	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	368176	21.770	ng	99
46) 1,1'-Biphenyl	9.12	154	1369766	24.451	ng	96
47) 2-Chloronaphthalene	9.14	162	1107130	23.362	ng	97
48) 2-Nitroaniline	9.23	65	305456	21.388	ng	98
49) Acenaphthylene	9.55	152	1676967	24.243	ng	96
50) Dimethylphthalate	9.42	163	1271808	22.861	ng	99
51) 2,6-Dinitrotoluene	9.47	165	276074	21.391	ng	90
52) Acenaphthene	9.73	154	1051473	23.383	ng	99
53) 3-Nitroaniline	9.64	138	335059	21.791	ng	92
54) 2,4-Dinitrophenol	9.75	184	104653	17.174	ng	95
55) Dibenzofuran	9.90	168	1474612	24.472	ng	95
56) 4-Nitrophenol	9.79	139	234607	21.104	ng	98
57) 2,4-Dinitrotoluene	9.87	165	361886	22.151	ng	95
58) Fluorene	10.24	166	1085716	25.119	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	308449	22.349	ng	100
60) Diethylphthalate	10.12	149	1286226	23.106	ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	556856	25.002	ng	99
62) 4-Nitroaniline	10.25	138	307968	20.714	ng	99
63) Azobenzene	10.39	77	1102124	23.076	ng	96
65) 4,6-Dinitro-2-methylphenol	10.28	198	142350	18.255	ng	95
66) n-Nitrosodiphenylamine	10.35	169	1001817	22.618	ng	98
67) 4-Bromophenyl-phenylether	10.72	248	367858	22.092	ng	94
68) Hexachlorobenzene	10.79	284	402309	22.097	ng	99
69) Atrazine	10.87	200	339706	25.829	ng	98
70) Pentachlorophenol	10.97	266	218501	21.030	ng	100
71) Phenanthrene	11.19	178	1687240	24.113	ng	97
72) Anthracene	11.24	178	1706405	24.307	ng	97
73) Carbazole	11.39	167	1491651	23.477	ng	96
74) Di-n-butylphthalate	11.74	149	1947063	24.038	ng	97
75) Fluoranthene	12.37	202	1699009	24.150	ng	97
77) Benzidine	12.49	184	1011231	26.080	ng	97
78) Pyrene	12.59	202	1695373	20.713	ng	97
80) Butylbenzylphthalate	13.23	149	789079	18.752	ng	94
81) Benzo(a)anthracene	13.77	228	1492345	20.385	ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	587549	20.235	ng	99
83) Chrysene	13.82	228	1451685	20.561	ng	96
84) Bis(2-ethylhexyl)phthalate	13.79	149	1077426	20.432	ng	99
85) Di-n-octyl phthalate	14.40	149	1817272	20.289	ng	98
86) Indeno(1,2,3-cd)pyrene	16.47	276	1516384	18.273	ng	99
88) Benzo(b)fluoranthene	14.79	252	1502909	22.215	ng	96
89) Benzo(k)fluoranthene	14.82	252	1295694	22.857	ng	97
90) Benzo(a)pyrene	15.12	252	1309025	21.983	ng	99
91) Dibenzo(a,h)anthracene	16.49	278	1252452	22.159	ng	97
92) Benzo(g,h,i)perylene	16.87	276	1209119	21.156	ng	99

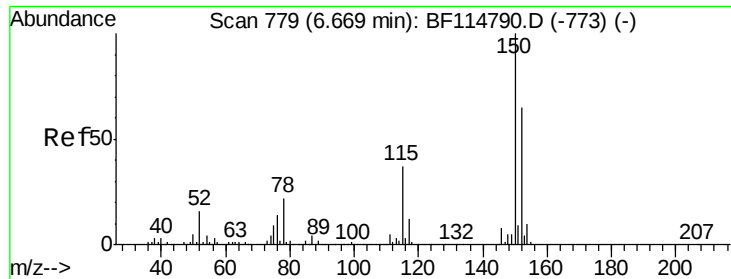
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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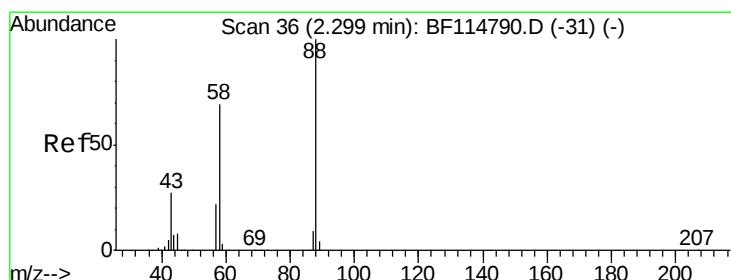
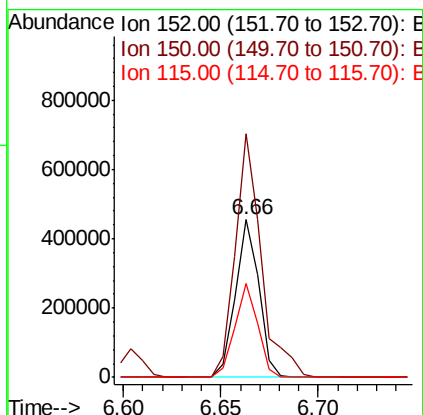
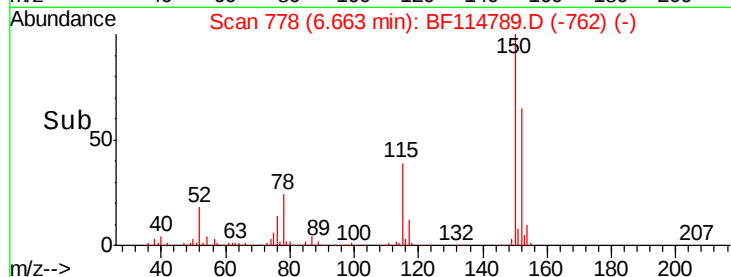
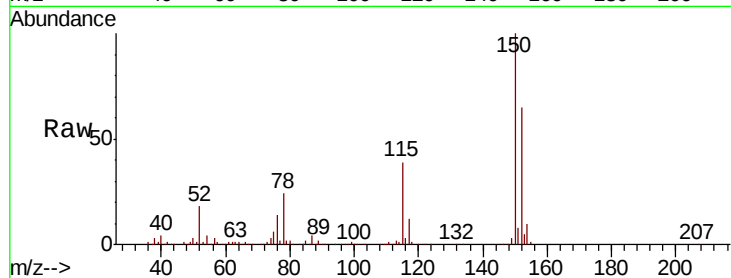


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

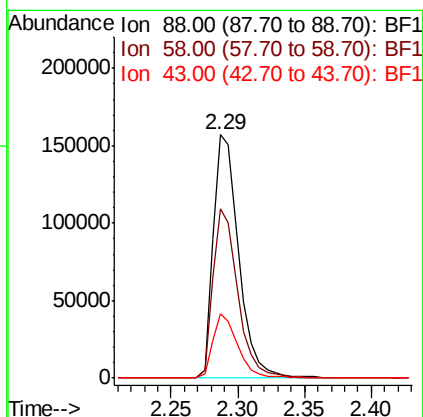
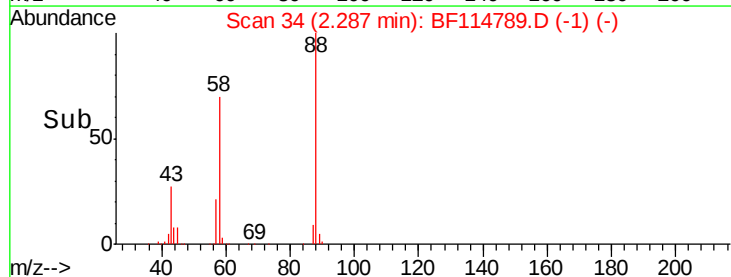
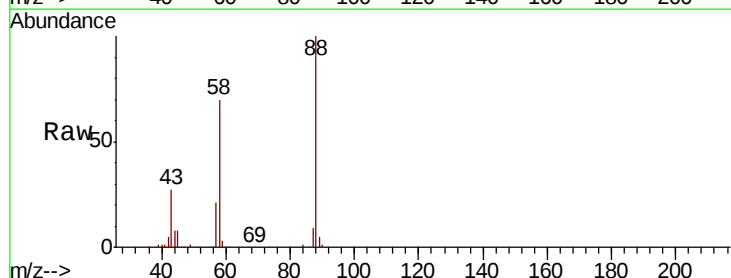
Tot Ion:152 Resp: 377793
Ion Ratio Lower Upper
152 100
150 154.3 124.0 186.0
115 59.7 46.3 69.5

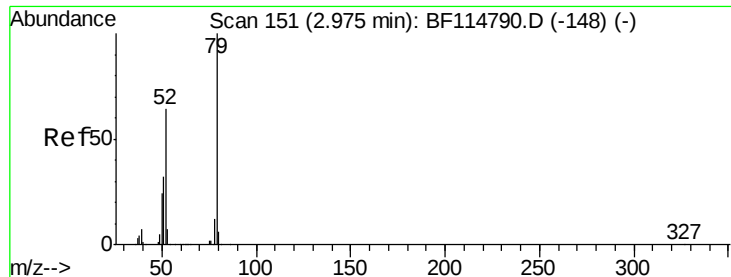


#2

1,4-Dioxane
Concen: 21.914 ng
RT: 2.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion: 88 Resp: 212045
Ion Ratio Lower Upper
88 100
58 67.9 53.8 80.8
43 26.1 20.7 31.1





#3

Pvridine

Concen: 21.689 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

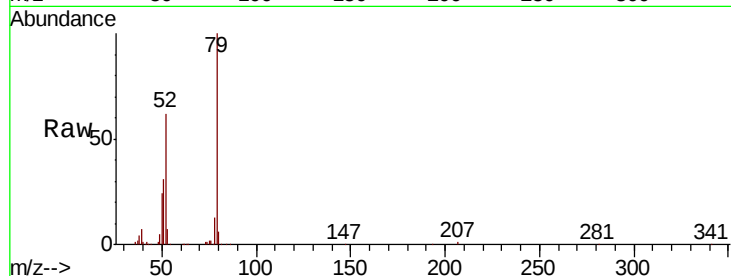
Tot Ion: 79 Resp: 586581

Ion Ratio Lower Upper

79 100

52 62.5 51.0 76.4

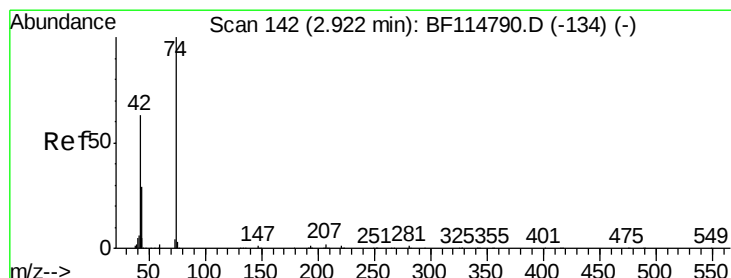
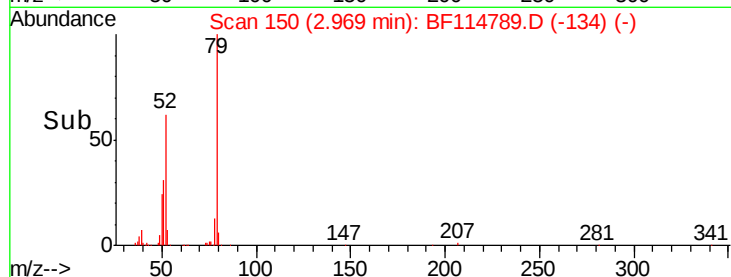
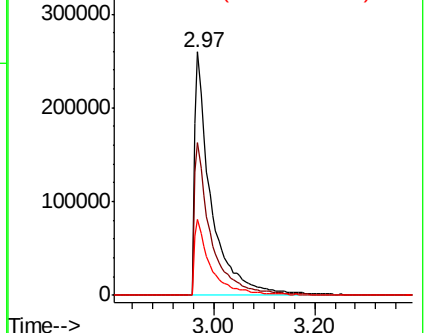
51 30.9 25.7 38.5



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: 20.333 ng

RT: 2.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

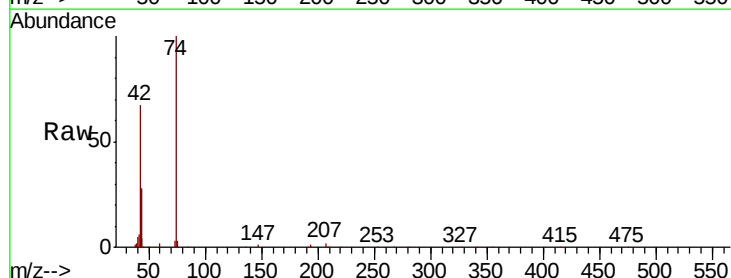
Tgt Ion: 42 Resp: 205435

Ion Ratio Lower Upper

42 100

74 149.9 126.2 189.2

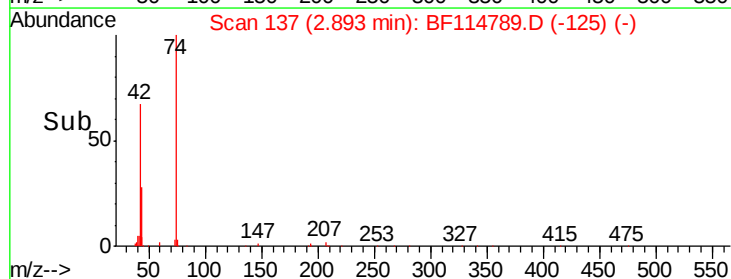
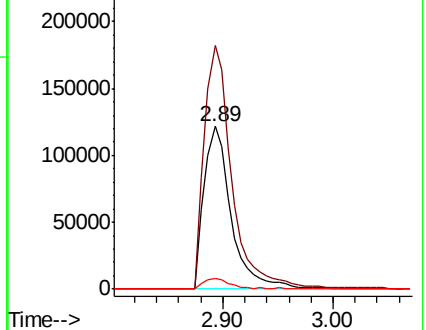
44 6.6 5.9 8.9

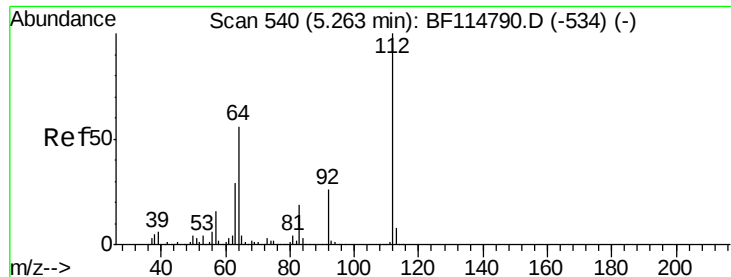


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 47.311 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

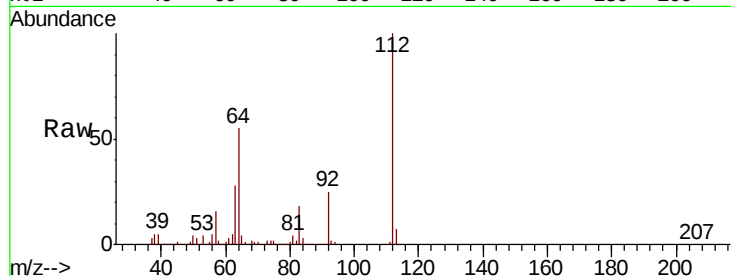
Tot Ion:112 Resp: 945230

Ion Ratio Lower Upper

112 100

64 54.9 44.6 66.8

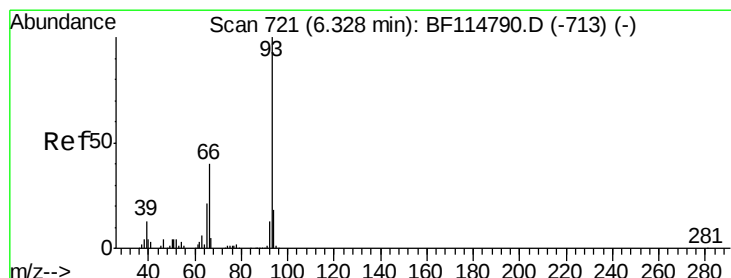
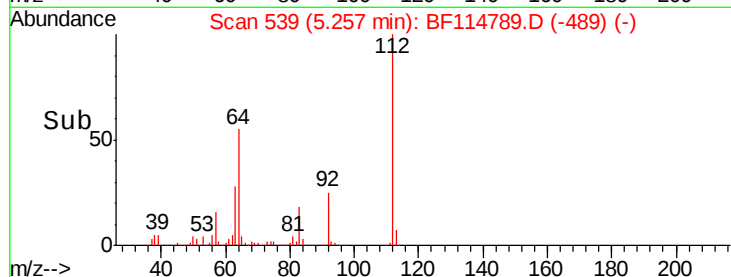
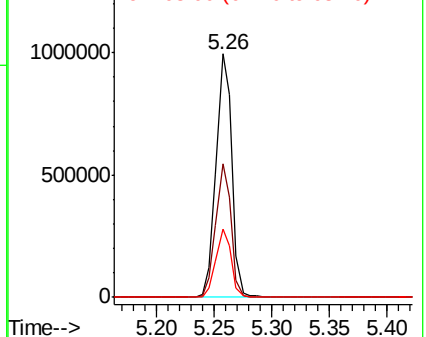
63 28.1 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.796 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

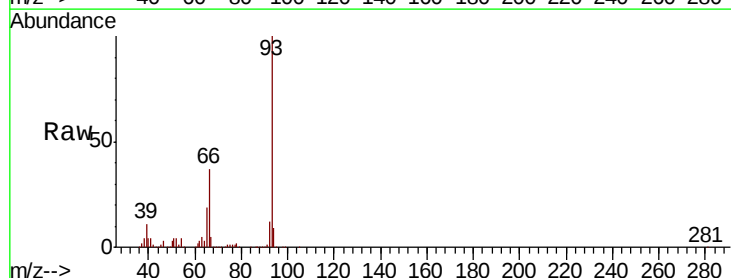
Tgt Ion: 93 Resp: 819857

Ion Ratio Lower Upper

93 100

66 37.0 32.8 49.2

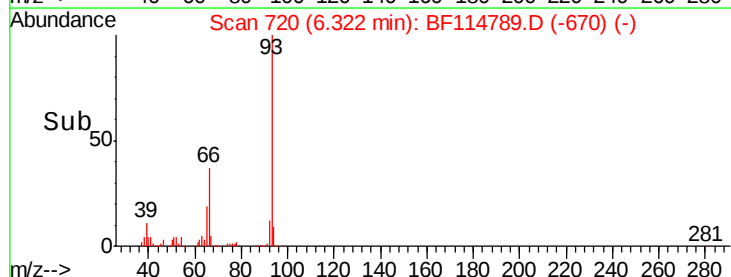
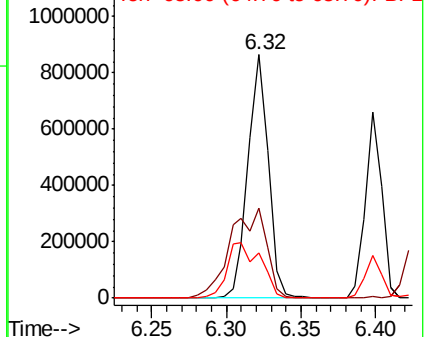
65 18.6 16.9 25.3

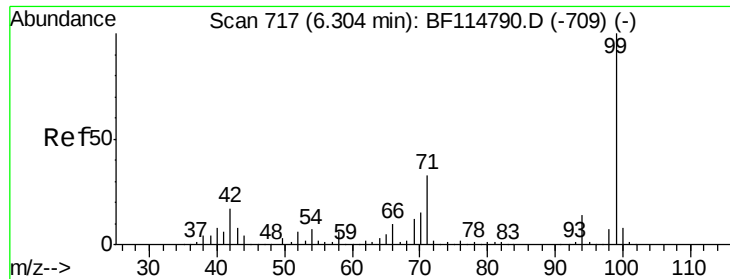


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 48.501 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

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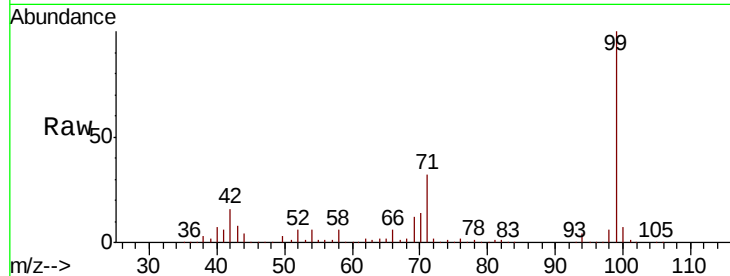
Tot Ion: 99 Resp: 1172350

Ion Ratio Lower Upper

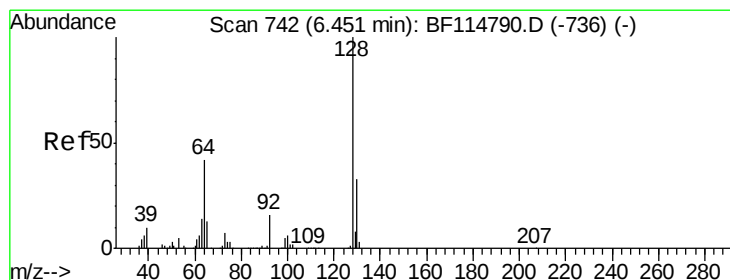
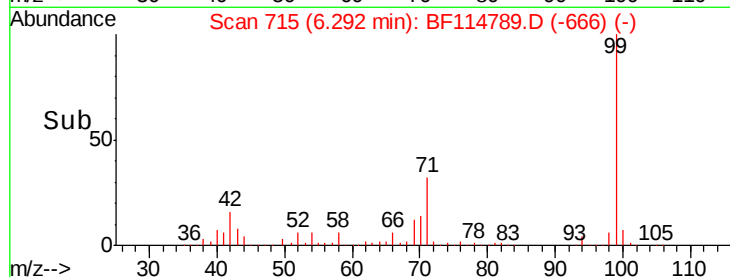
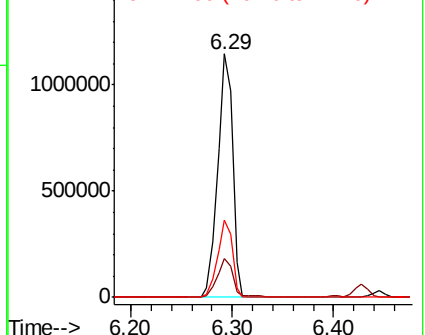
99 100

42 16.2 13.3 19.9

71 31.7 26.3 39.5



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: 22.480 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

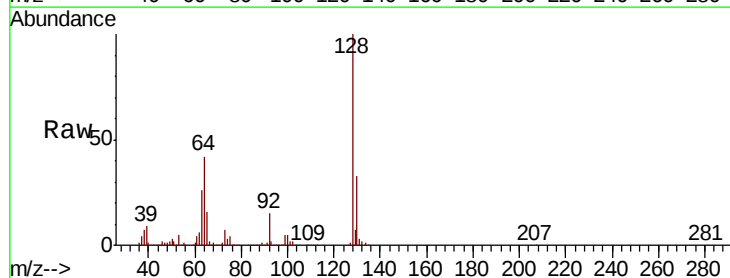
Tgt Ion:128 Resp: 542010

Ion Ratio Lower Upper

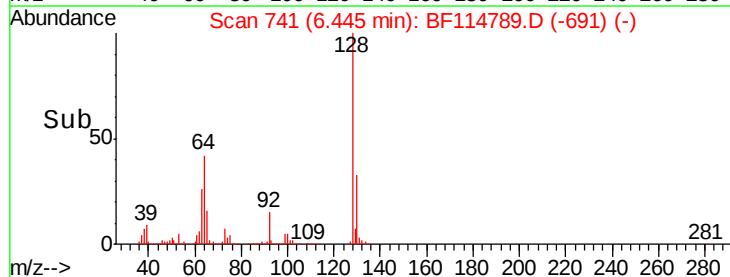
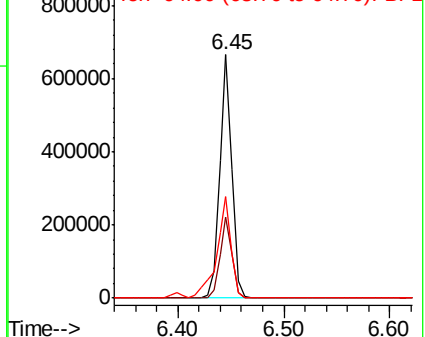
128 100

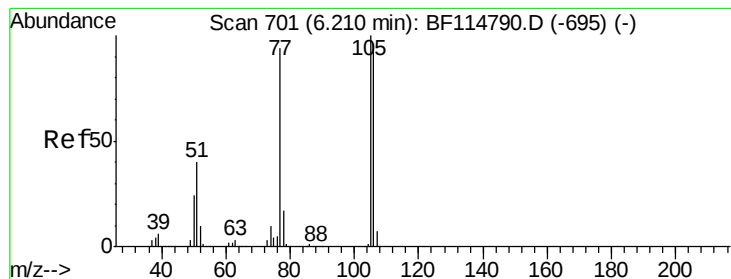
130 33.3 12.7 52.7

64 41.5 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.137 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

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Acq: 4 Jun 2019 11:52

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ClientSampleId :

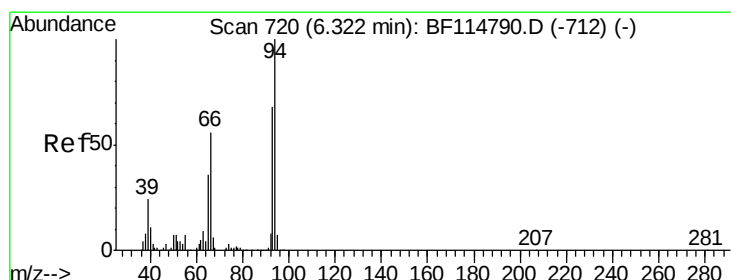
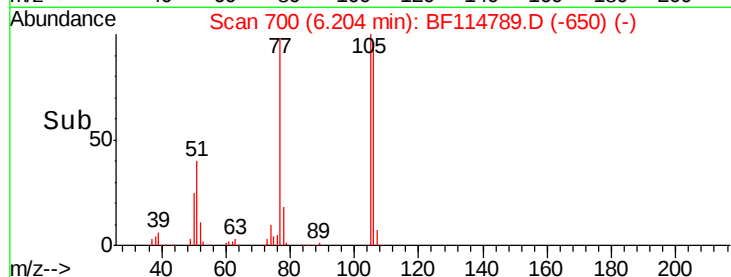
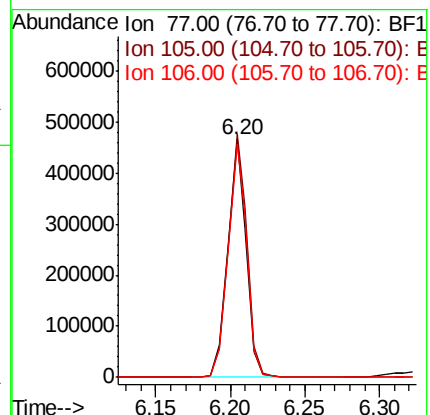
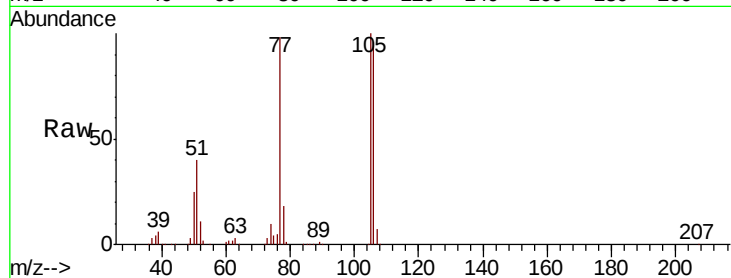
Tot Ion: 77 Resp: 407813

Ion Ratio Lower Upper

77 100

105 102.1 85.8 125.8

106 98.1 81.6 121.6



#10

Phenol

Concen: 23.413 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

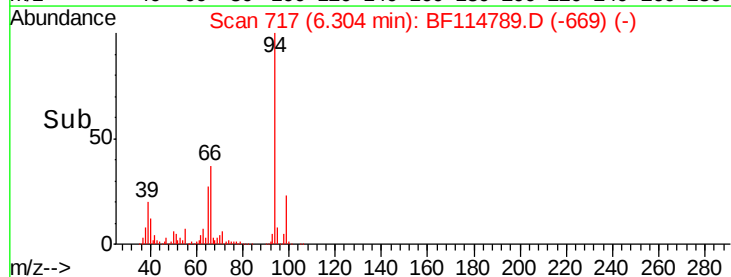
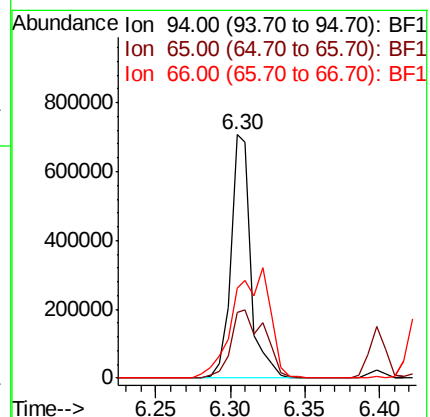
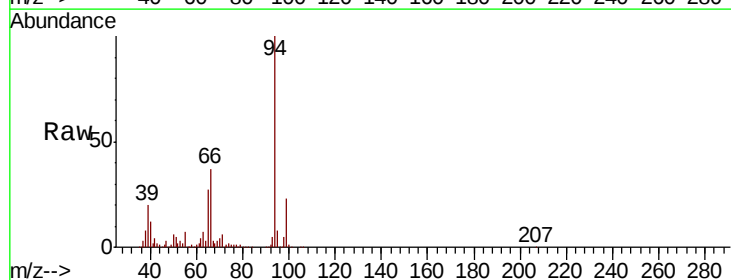
Tgt Ion: 94 Resp: 671820

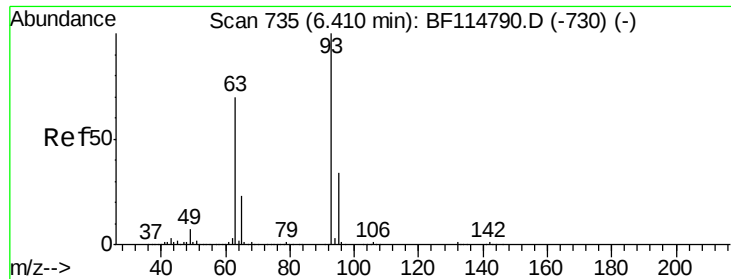
Ion Ratio Lower Upper

94 100

65 27.2 16.1 56.1

66 36.8 36.3 76.3

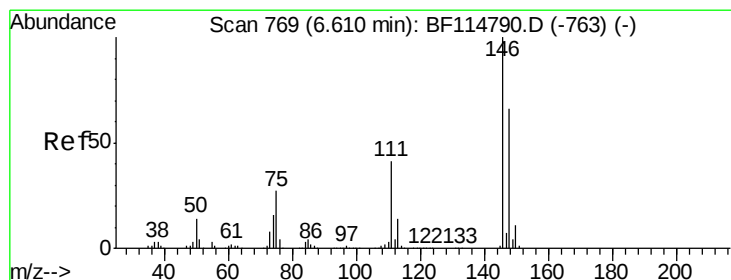
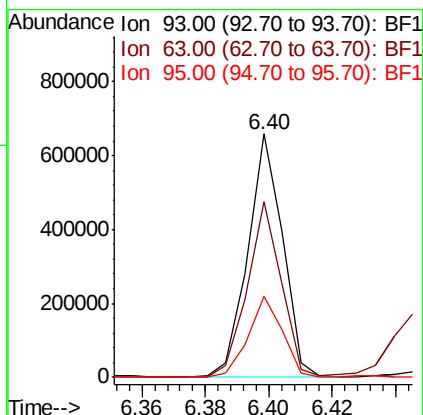
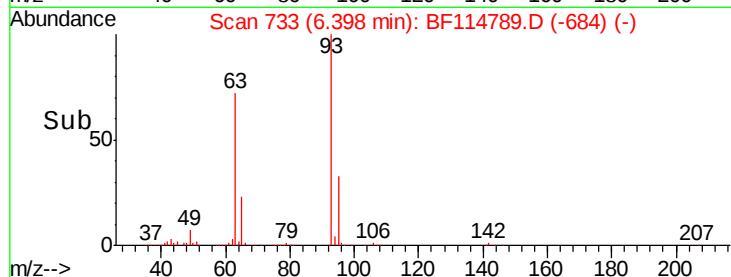
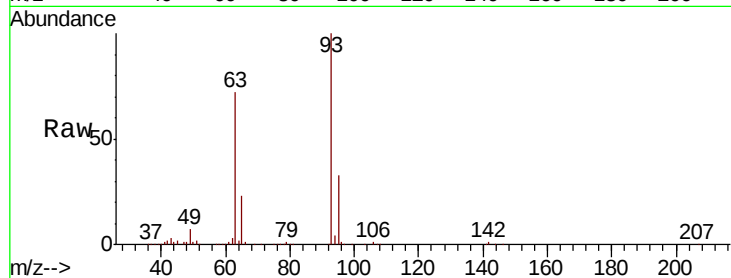




#11
bis(2-Chloroethyl)ether
Concen: 22.028 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

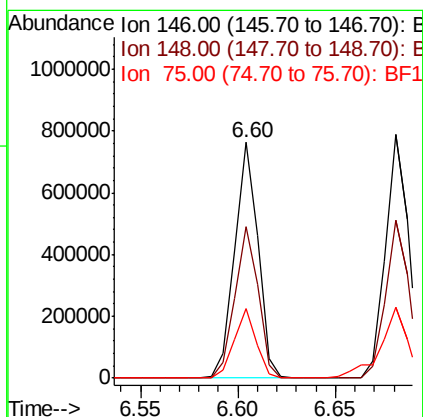
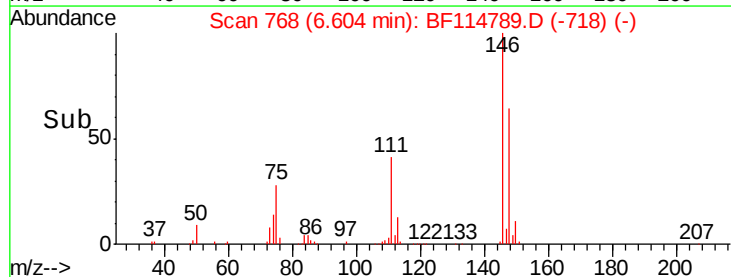
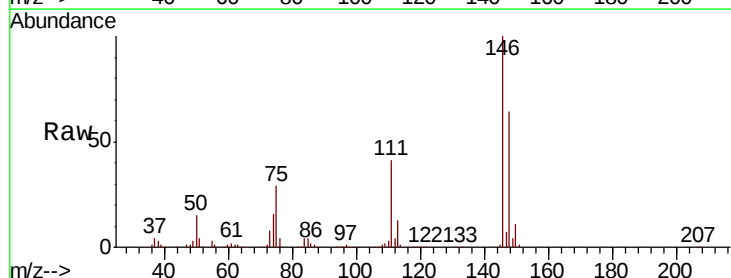
Instrument :
BNA_F
ClientSampleId :

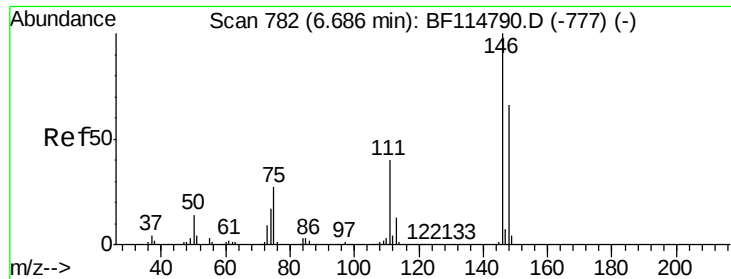
Tot Ion: 93 Resp: 497851
Ion Ratio Lower Upper
93 100
63 72.2 49.6 89.6
95 33.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 22.703 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion: 146 Resp: 632992
Ion Ratio Lower Upper
146 100
148 64.5 52.7 79.1
75 29.5 22.0 33.0

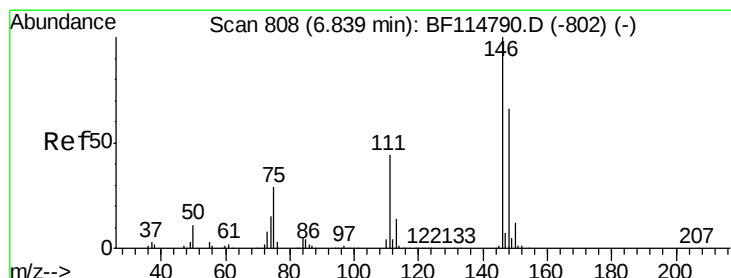
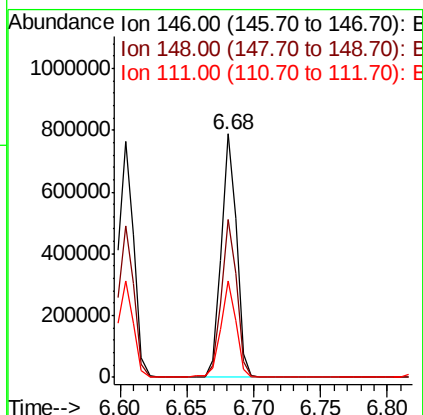
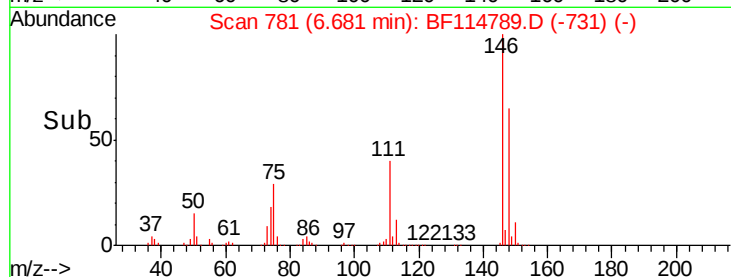
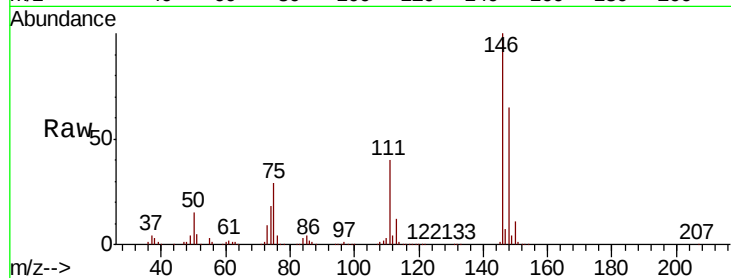




#13
 1,4-Dichlorobenzene
 Concen: 23.061 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

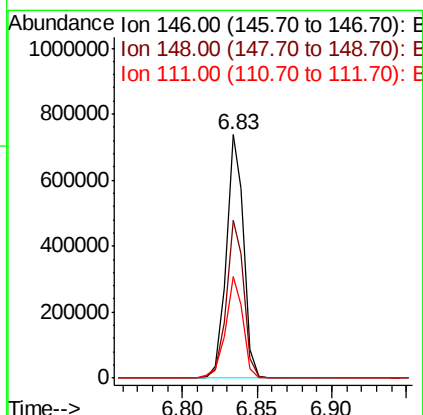
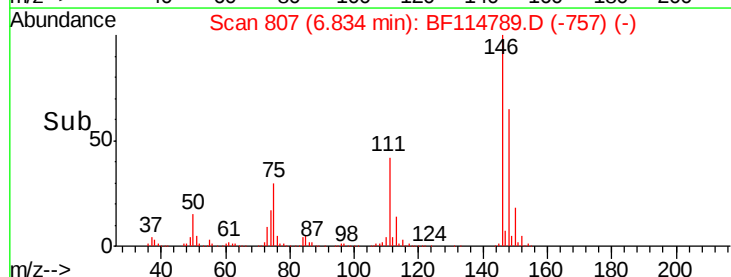
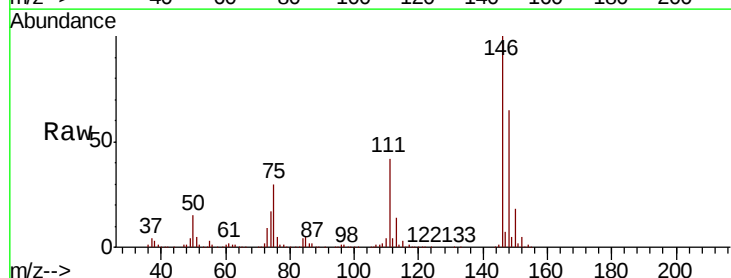
Instrument :
 BNA_F
 ClientSampleId :

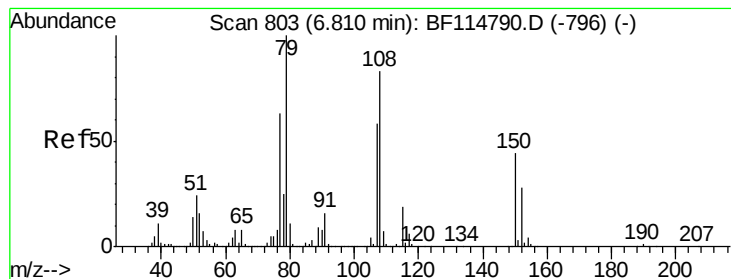
Tot Ion:146 Resp: 647712
 Ion Ratio Lower Upper
 146 100
 148 64.7 53.0 79.4
 111 39.6 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 23.969 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

Tgt Ion:146 Resp: 607775
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.5 78.7
 111 41.9 34.8 52.2





#15

Benzyl Alcohol

Concen: 22.965 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

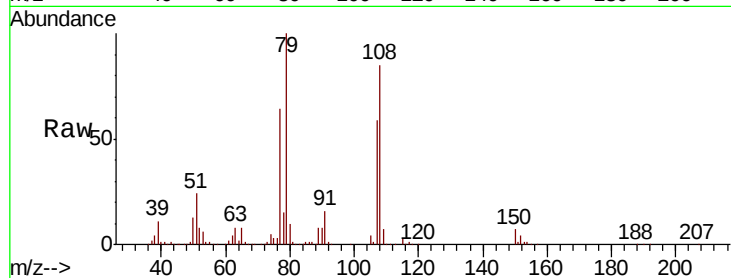
Tot Ion: 79 Resp: 439120

Ion Ratio Lower Upper

79 100

108 85.3 66.8 100.2

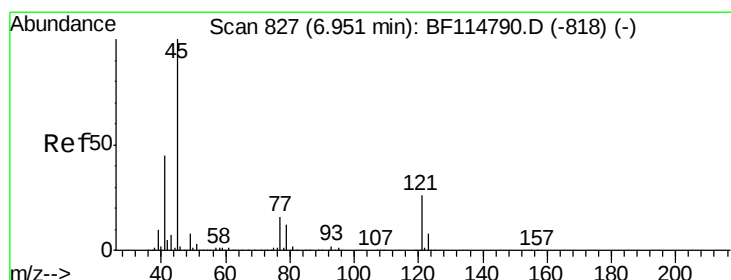
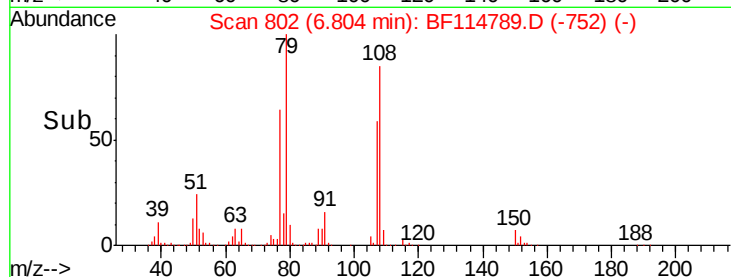
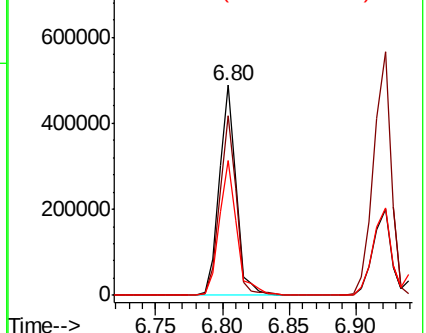
77 64.2 50.6 76.0



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: 22.035 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

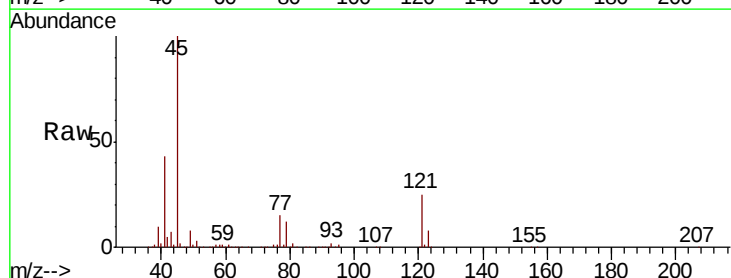
Tgt Ion: 45 Resp: 719484

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.8

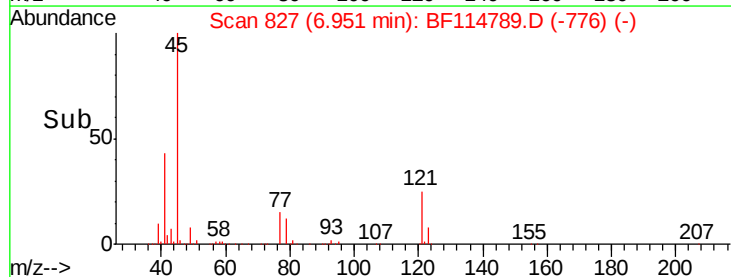
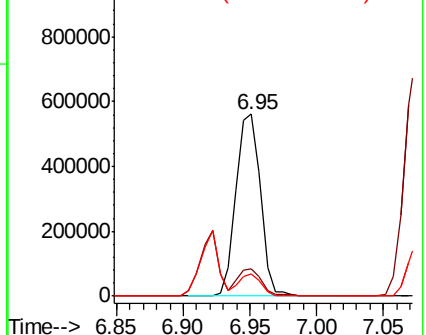
79 11.9 0.0 32.0

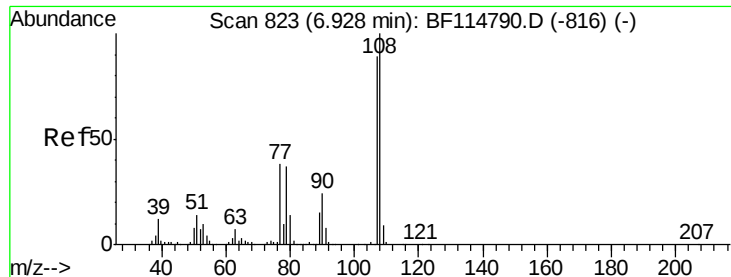


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 21.649 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 444085

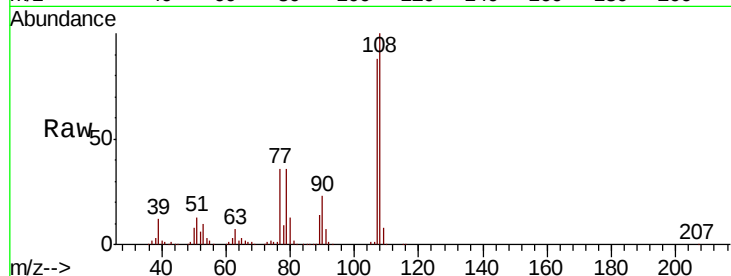
Ion Ratio Lower Upper

107 100

108 113.0 90.2 135.2

77 40.8 34.5 51.7

79 40.2 33.8 50.6

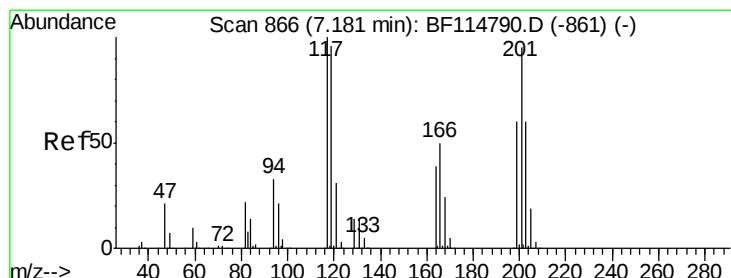
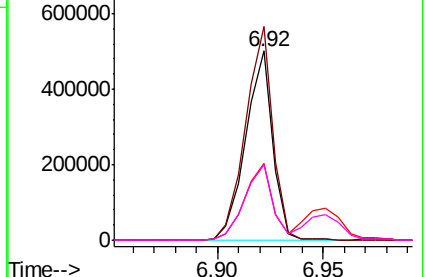
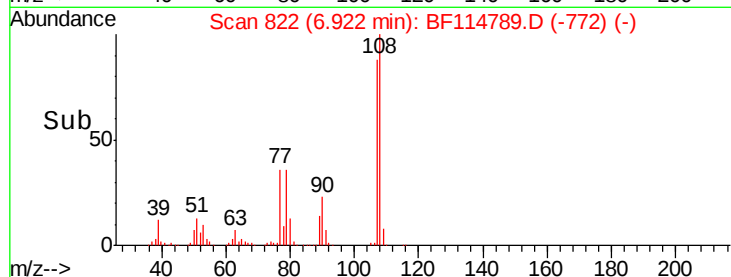


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 21.757 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

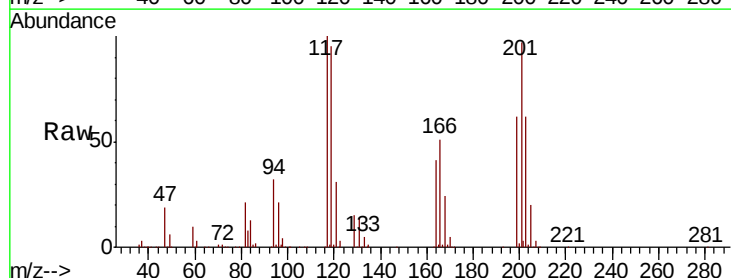
Tgt Ion:117 Resp: 230153

Ion Ratio Lower Upper

117 100

119 95.4 77.0 115.4

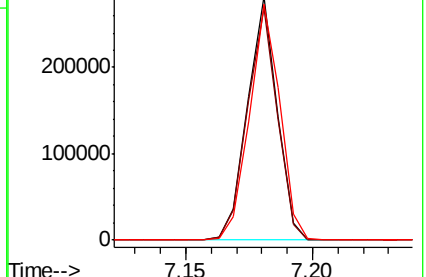
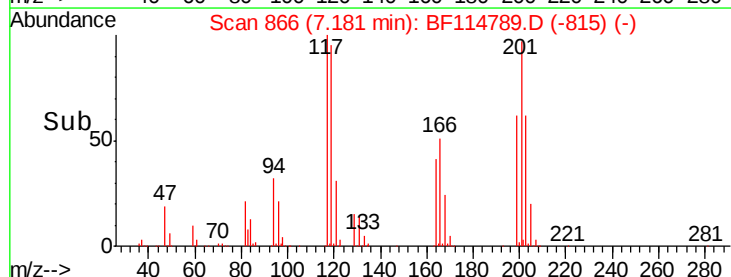
201 97.1 76.0 114.0

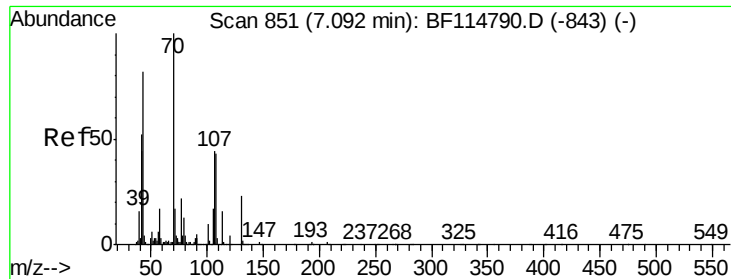


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

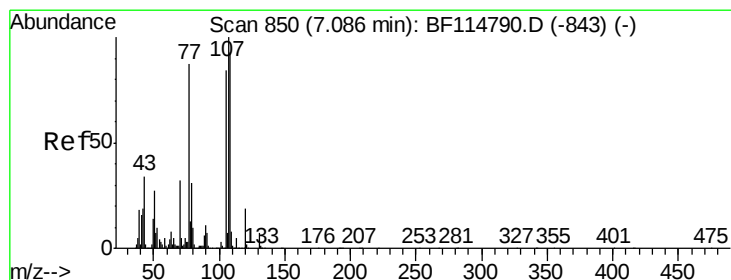
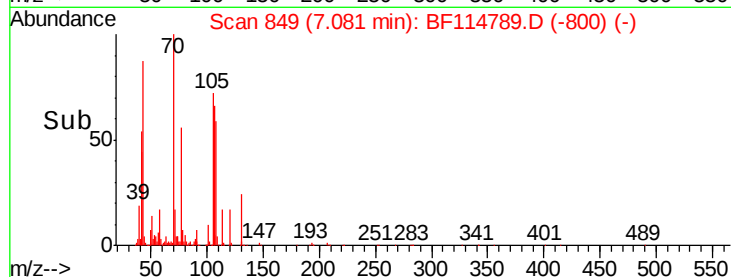
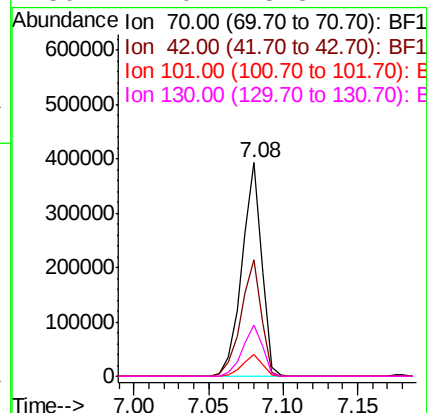
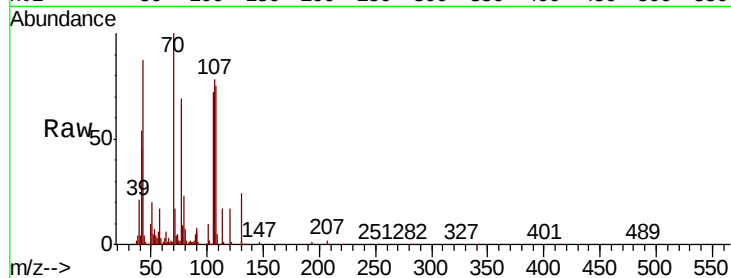




#19
n-Nitroso-di-n-propylamine
Concen: 21.701 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

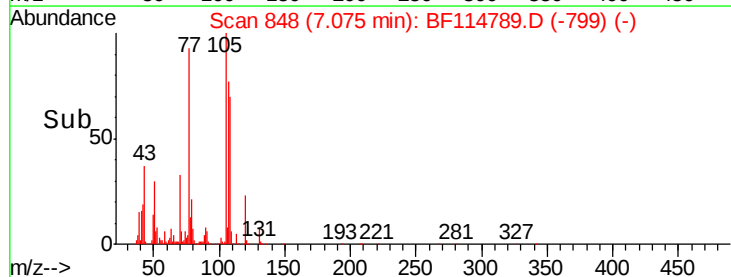
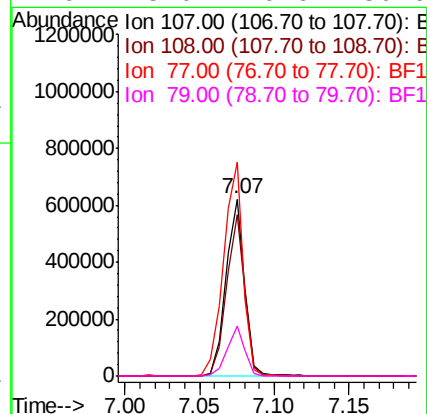
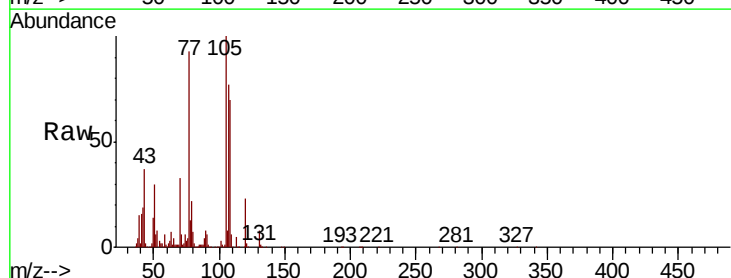
Instrument :
BNA_F
ClientSampleId :

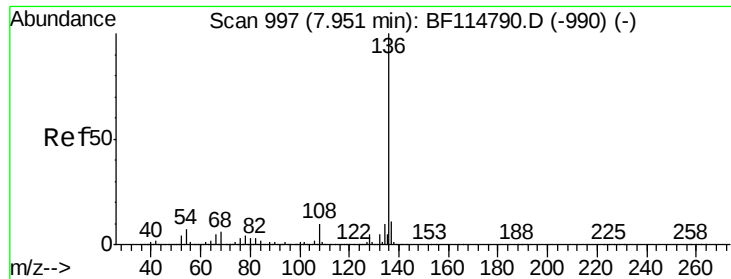
Tot Ion:	70	Resp:	364146
Ion	Ratio	Lower	Upper
70	100		
42	54.3	41.8	62.8
101	10.4	8.2	12.4
130	24.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 24.023 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:	107	Resp:	544848
Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.5	113.5
77	120.8	67.2	107.2#
79	28.0	10.6	50.6

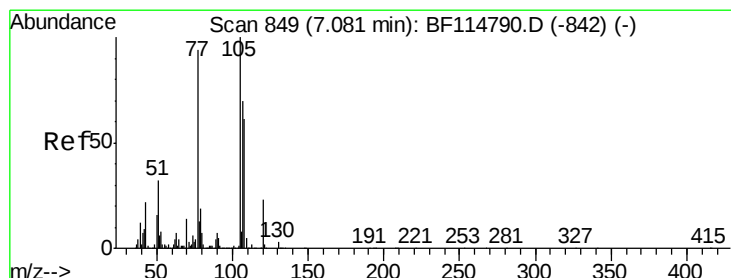
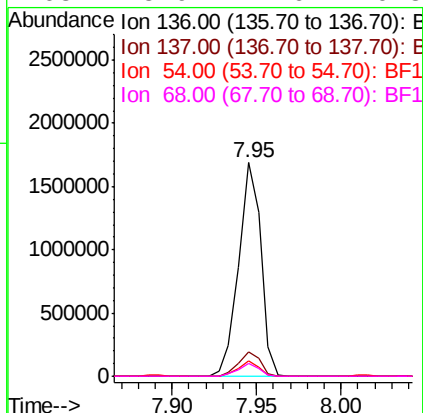
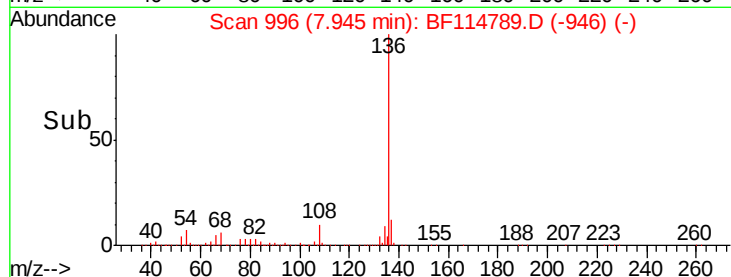
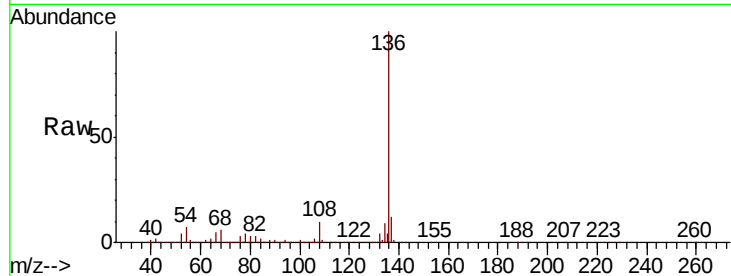




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

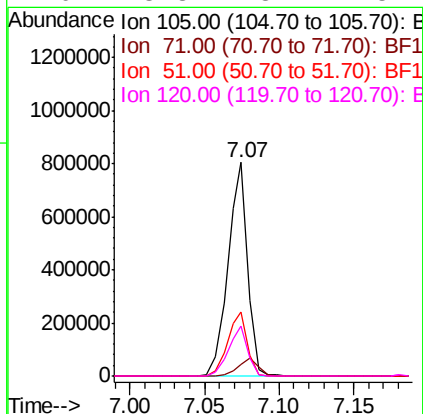
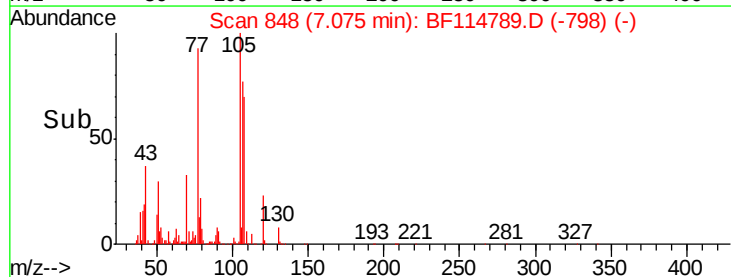
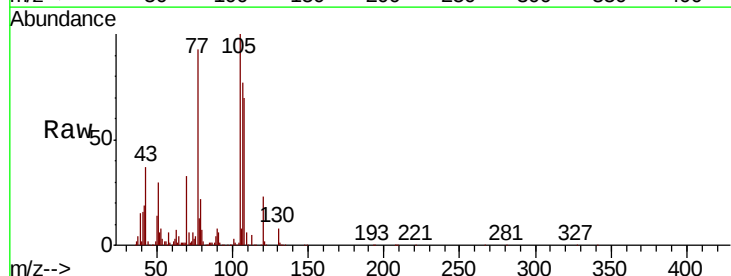
Instrument :
BNA_F
ClientSampleId :

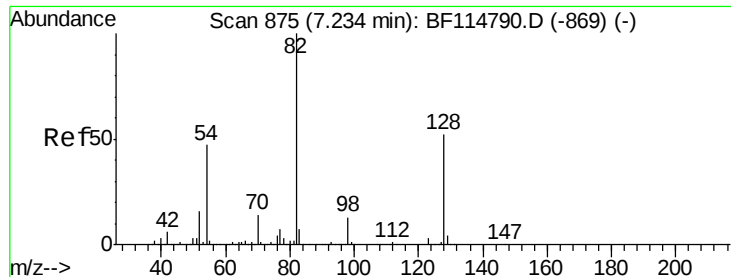
Tot Ion:136	Resp: 1550999
Ion Ratio	Lower Upper
136 100	
137 11.6	9.1 13.7
54 7.0	5.4 8.0
68 5.9	4.6 6.8



#22
Acetophenone
Concen: 22.680 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt	Ion:105	Resp:	745088
Ion	Ratio	Lower	Upper
105	100		
71	5.6	2.0	3.0#
51	29.9	25.4	38.0
120	23.3	18.7	28.1

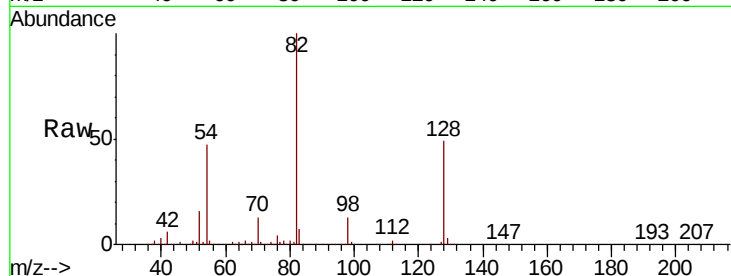




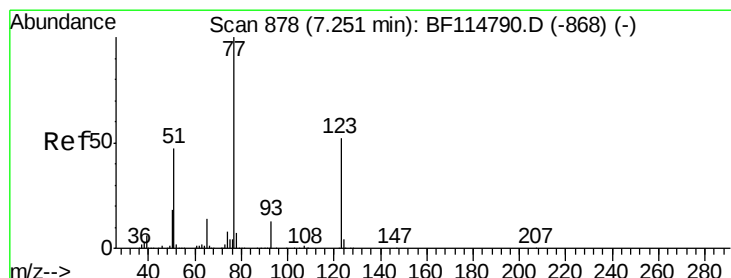
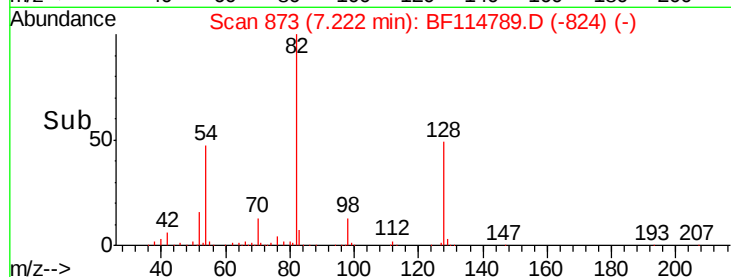
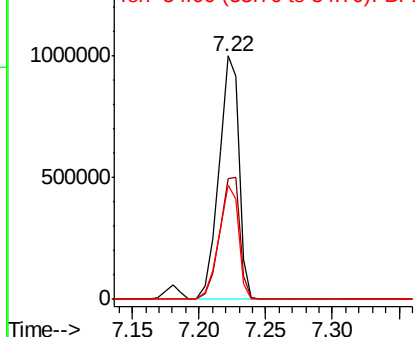
#23
Nitrobenzene-d5
Concen: 43.825 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1064937
Ion Ratio Lower Upper
82 100
128 49.4 41.8 62.6
54 47.0 37.9 56.9

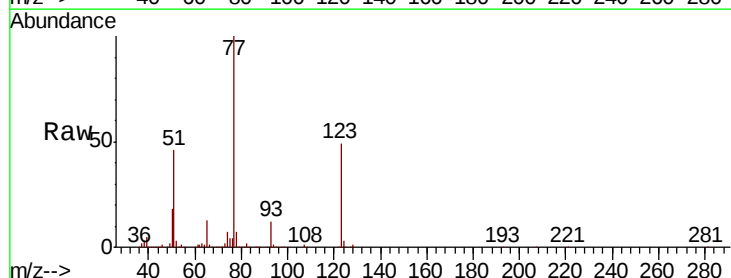


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

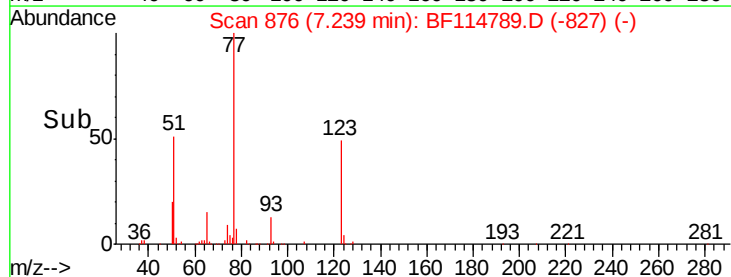
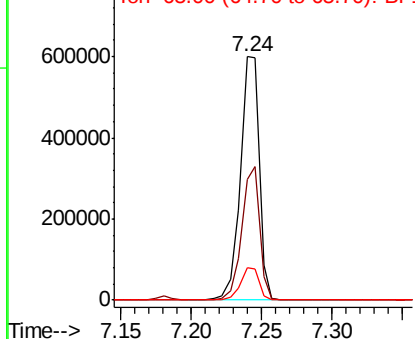


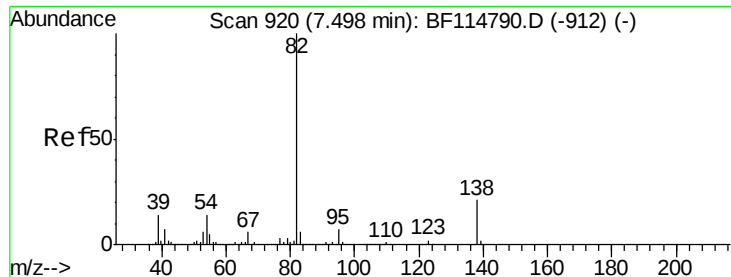
#24
Nitrobenzene
Concen: 22.219 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion: 77 Resp: 560393
Ion Ratio Lower Upper
77 100
123 49.4 41.5 62.3
65 13.1 10.8 16.2



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





#25

Isophorone

Concen: 20.927 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

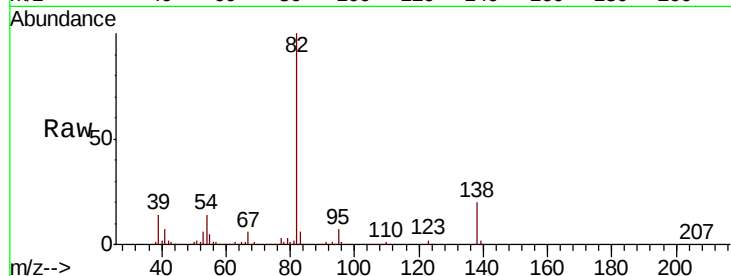
Tot Ion: 82 Resp: 1014008

Ion Ratio Lower Upper

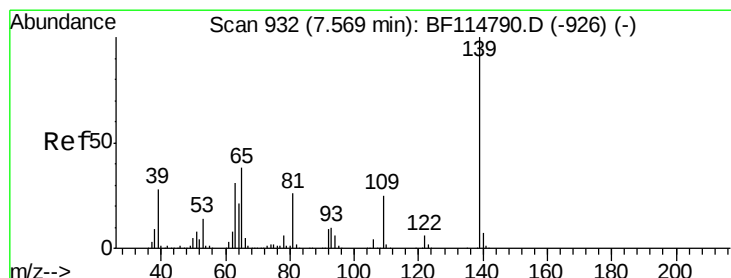
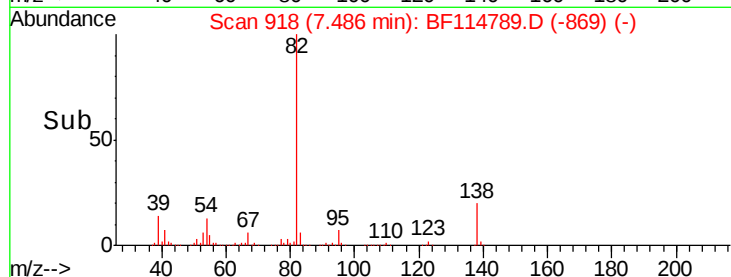
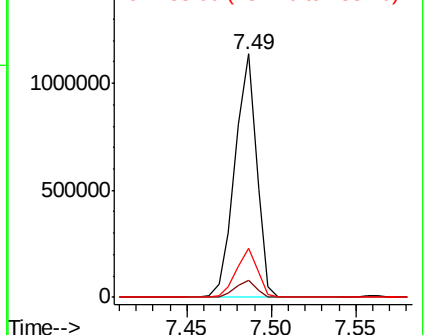
82 100

95 6.9 5.8 8.8

138 19.9 16.9 25.3



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: 20.654 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

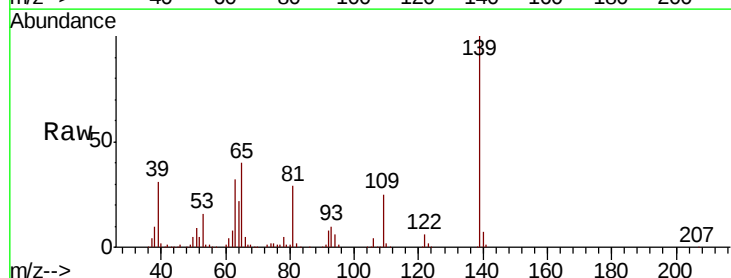
Tgt Ion: 139 Resp: 281889

Ion Ratio Lower Upper

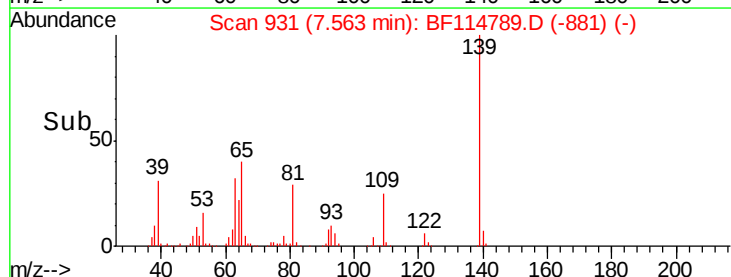
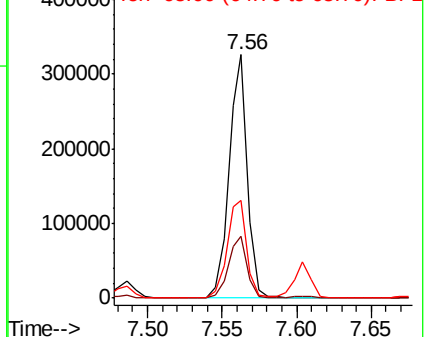
139 100

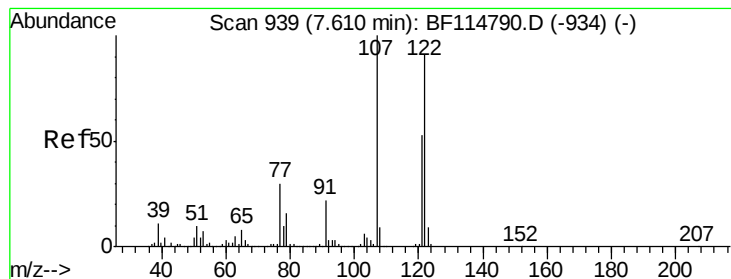
109 25.2 20.4 30.6

65 40.0 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

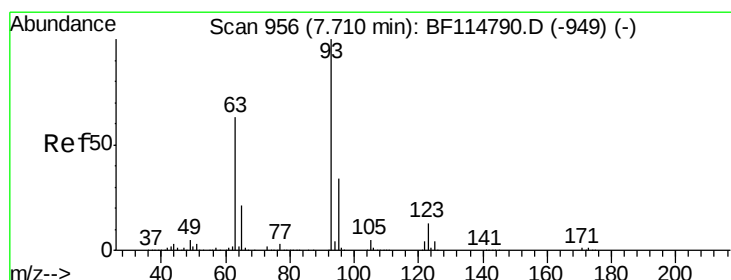
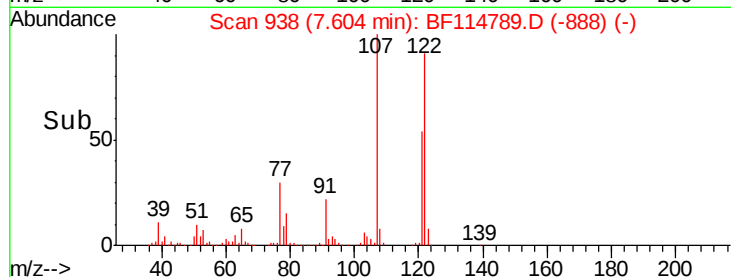
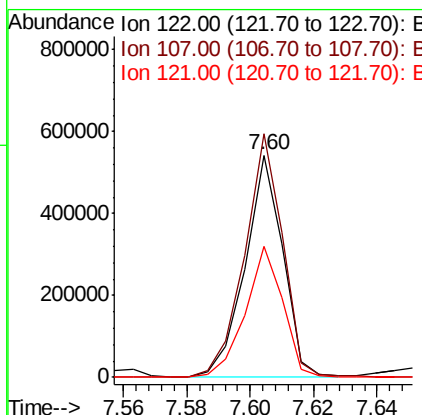
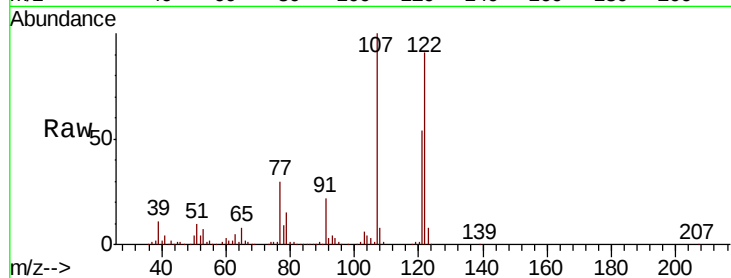




#27
 2,4-Dimethylphenol
 Concen: 21.387 ng
 RT: 7.60 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

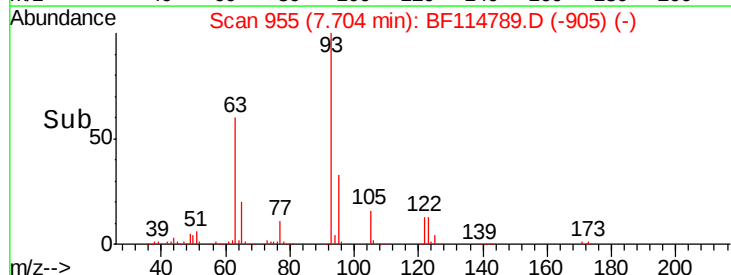
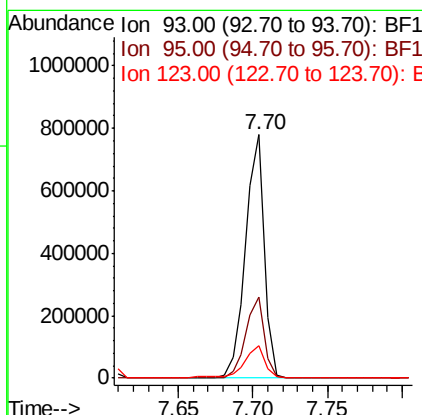
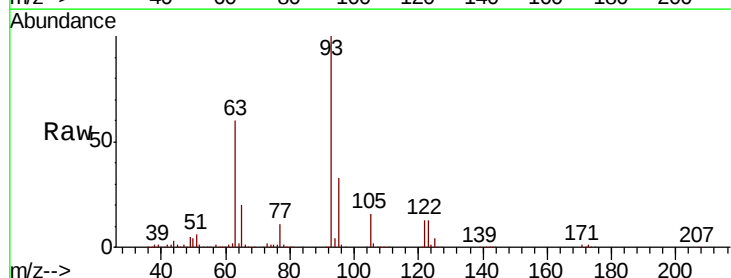
Instrument :
 BNA_F
 ClientSampleId :

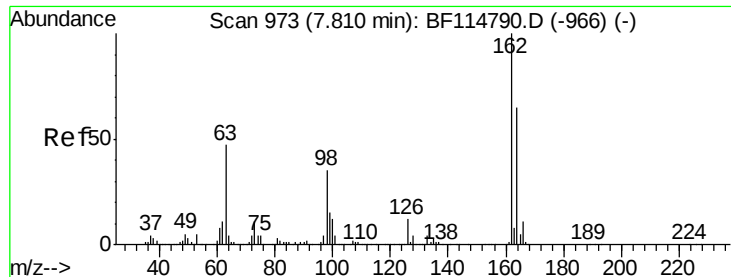
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	87.9	131.9
121	58.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 21.779 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.9	40.3
123	13.5	10.4	15.6

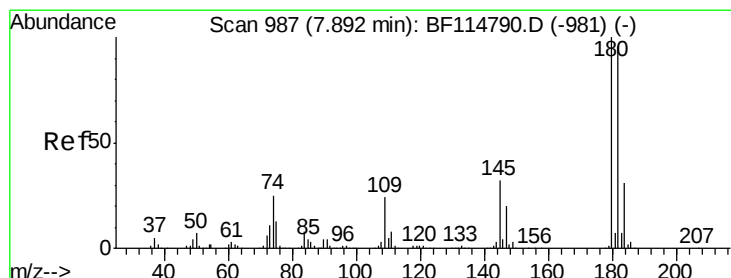
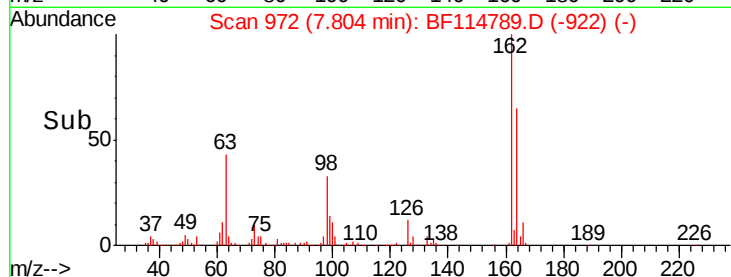
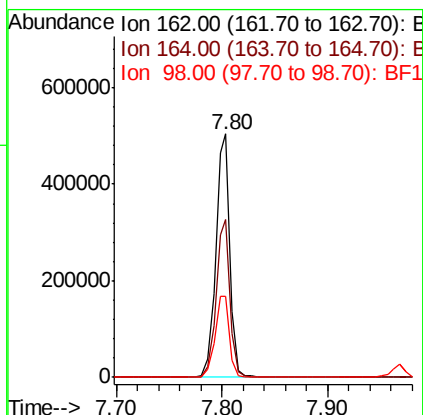
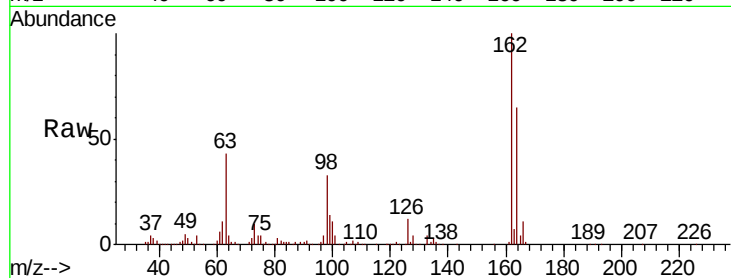




#29
2,4-Dichlorophenol
Concen: 21.662 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

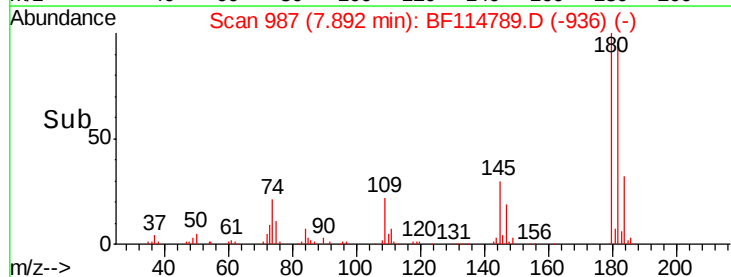
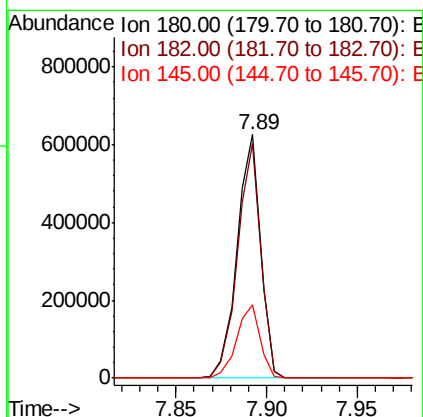
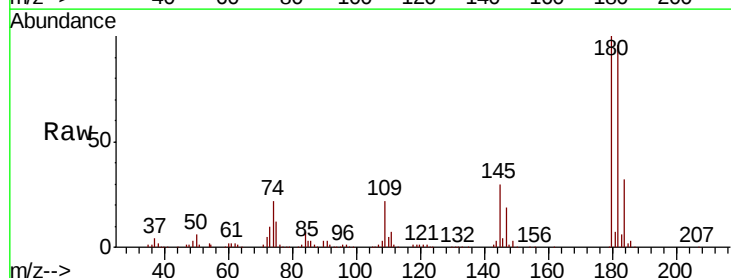
Instrument :
BNA_F
ClientSampleId :

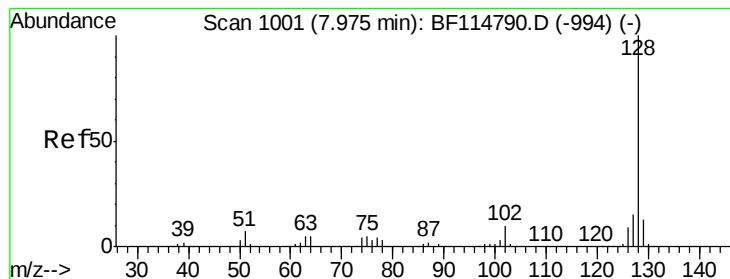
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.1	85.1
98	33.4	14.6	54.6



#30
1,2,4-Trichlorobenzene
Concen: 22.249 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.5	114.7
145	30.0	25.8	38.8





#31

Naphthalene

Concen: 24.098 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

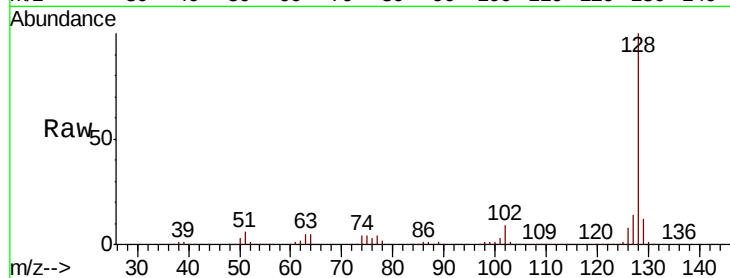
Tot Ion:128 Resp: 1624885

Ion Ratio Lower Upper

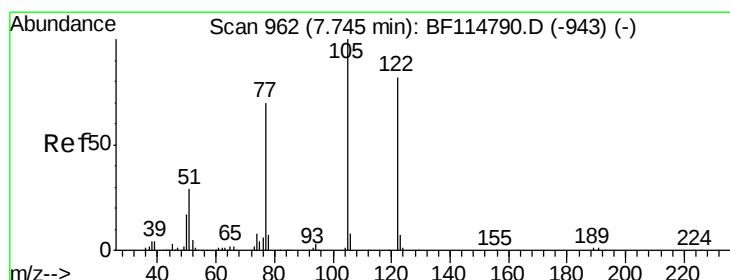
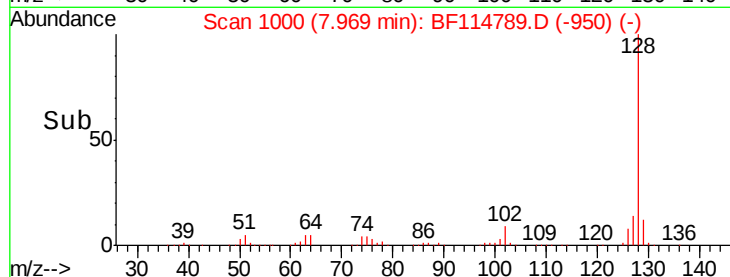
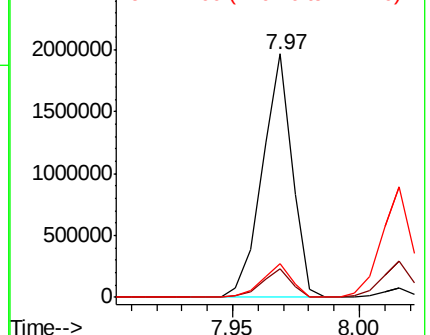
128 100

129 11.6 10.0 15.0

127 13.7 12.2 18.2



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: 18.787 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.04 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

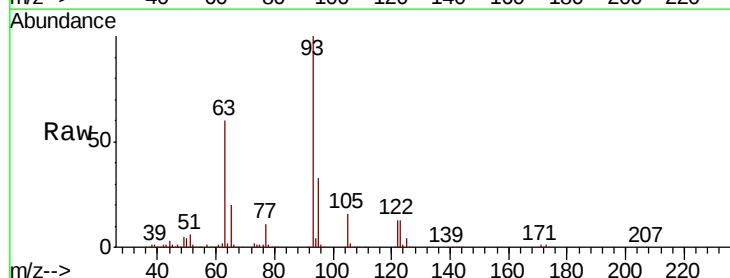
Tgt Ion:122 Resp: 279967

Ion Ratio Lower Upper

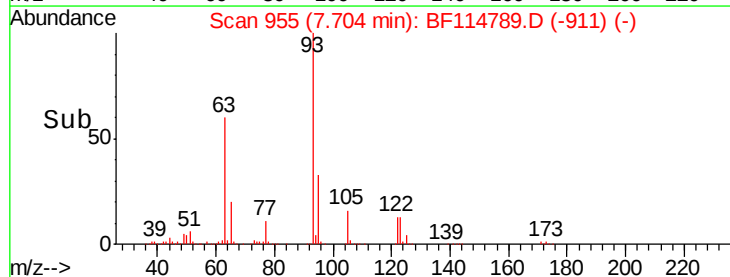
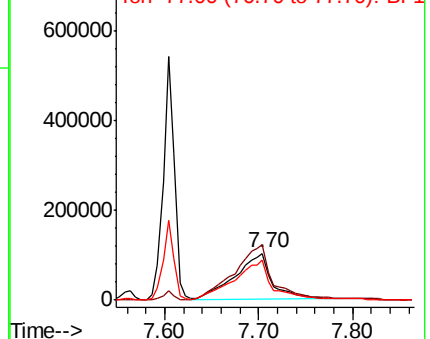
122 100

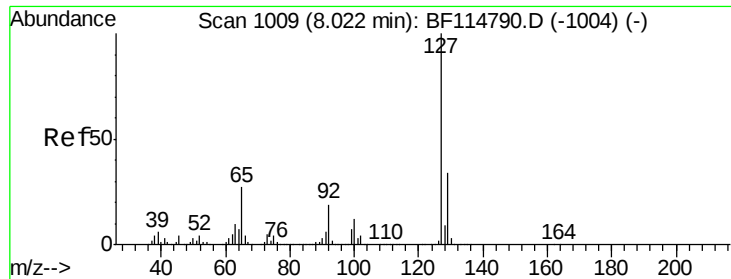
105 118.5 98.7 138.7

77 85.7 64.8 104.8



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

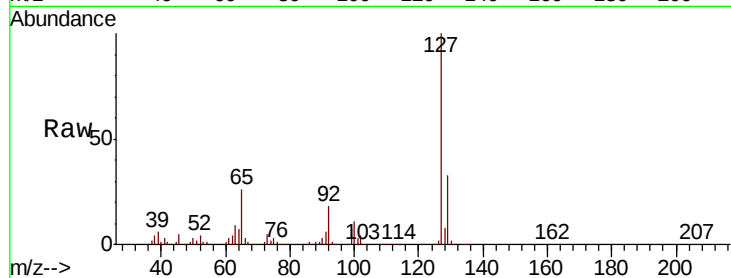




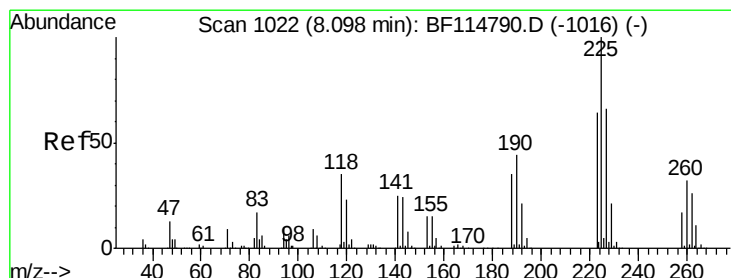
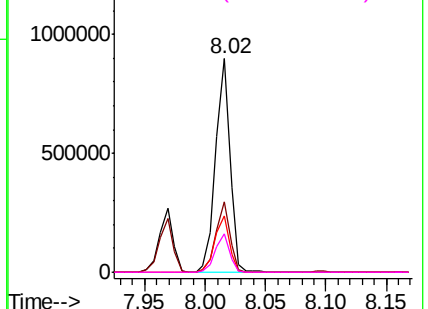
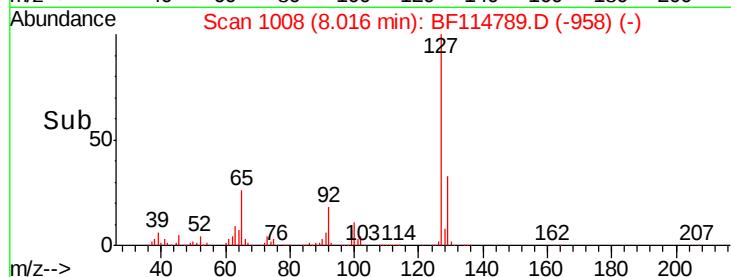
#33
4-Chloroaniline
Concen: 22.449 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	735236
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.9	40.3
65	26.3	21.7	32.5
92	17.7	14.8	22.2

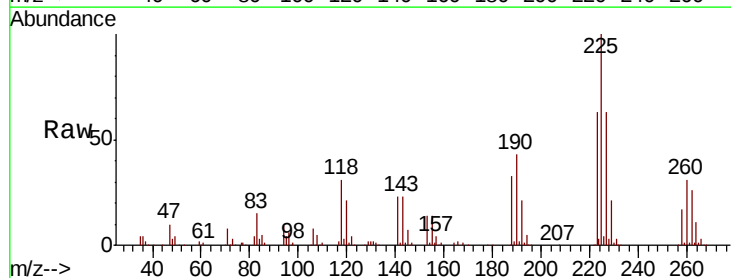


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

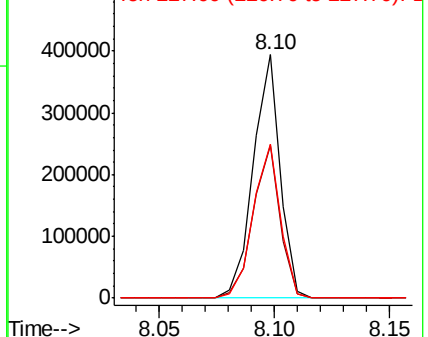
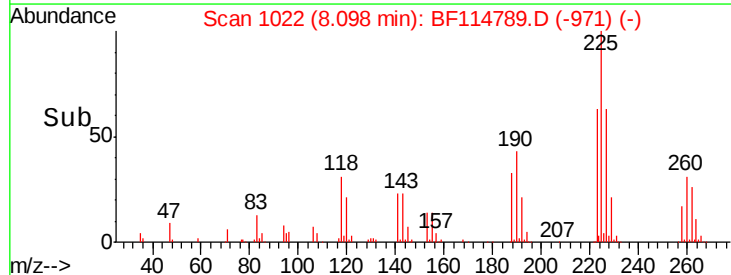


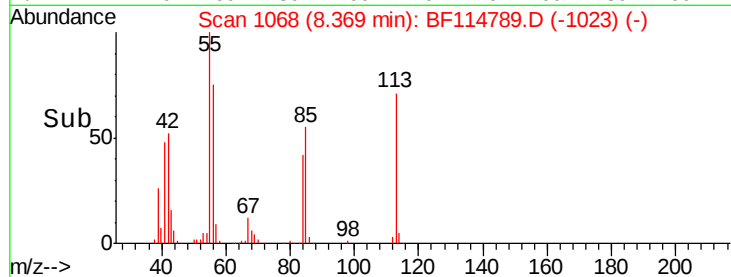
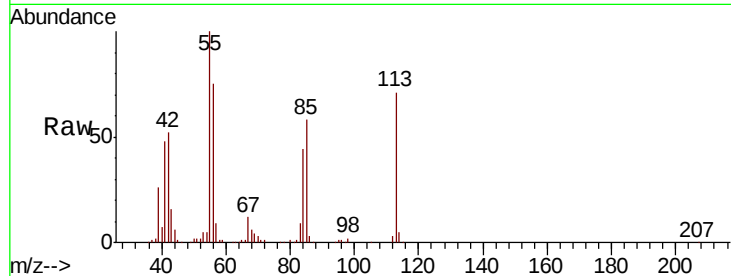
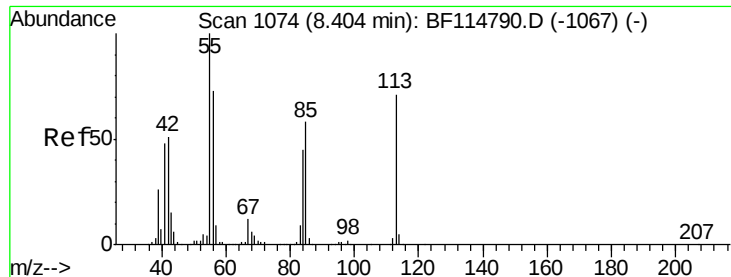
#34
Hexachlorobutadiene
Concen: 22.306 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:	225	Resp:	319914
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	63.3	52.6	78.8



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

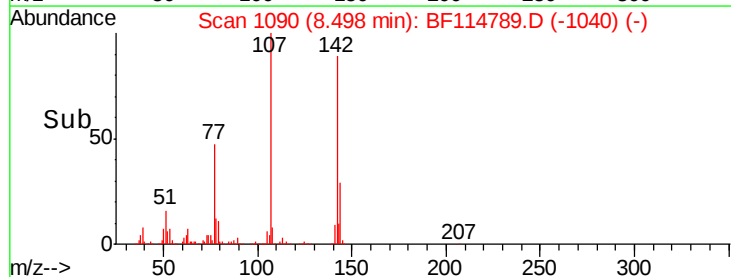
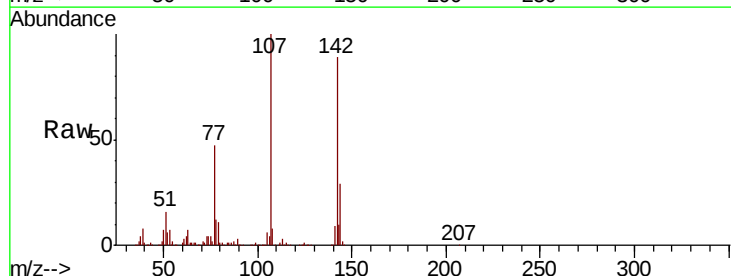
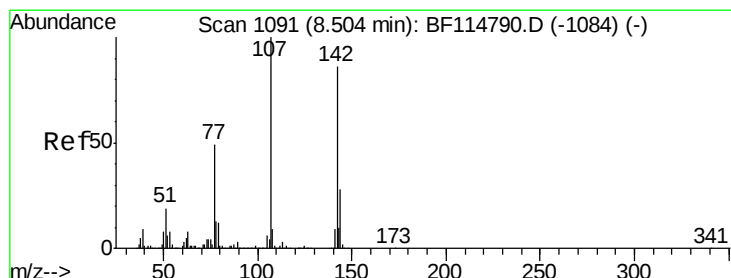
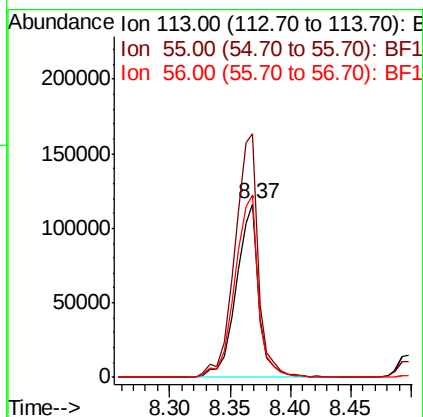




#35
Caprolactam
Concen: 21.304 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.04 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

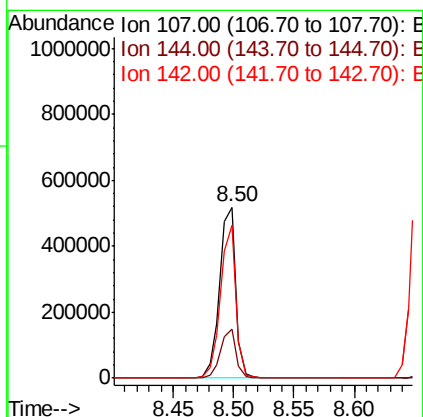
Instrument :
BNA_F
ClientSampleId :

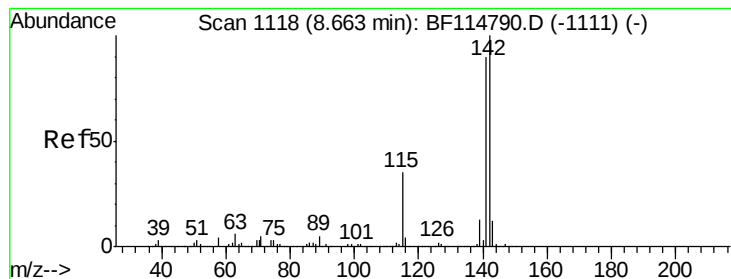
Tot Ion:113 Resp: 151016
Ion Ratio Lower Upper
113 100
55 140.3 121.1 161.1
56 104.6 82.6 122.6



#36
4-Chloro-3-methylphenol
Concen: 21.853 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:107 Resp: 475618
Ion Ratio Lower Upper
107 100
144 29.0 22.1 33.1
142 89.1 68.4 102.6

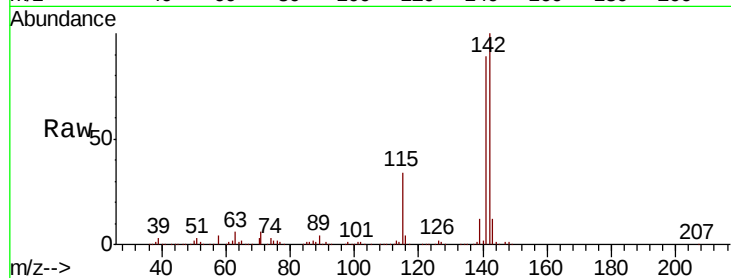




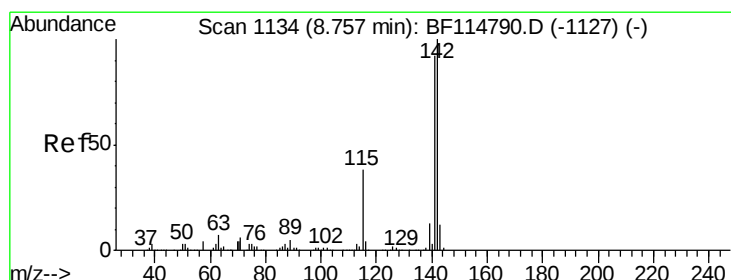
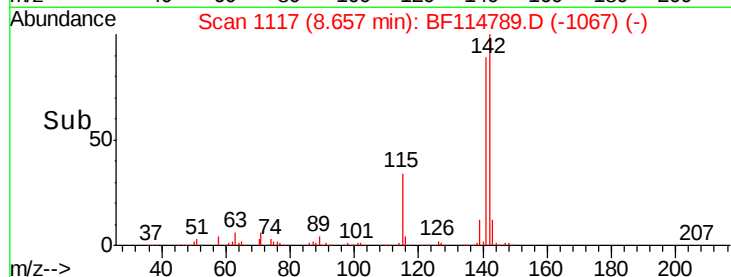
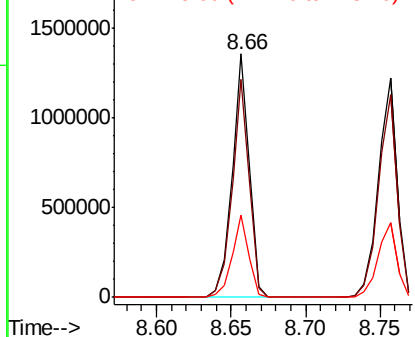
#37
2-Methylnaphthalene
Concen: 23.445 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1100933
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4
115 33.8 28.2 42.4

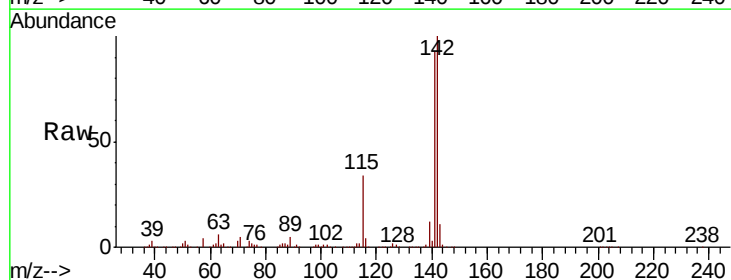


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

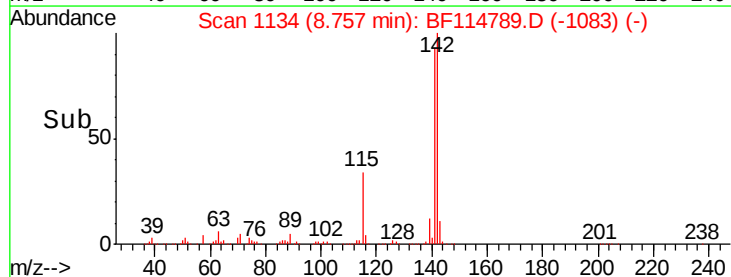
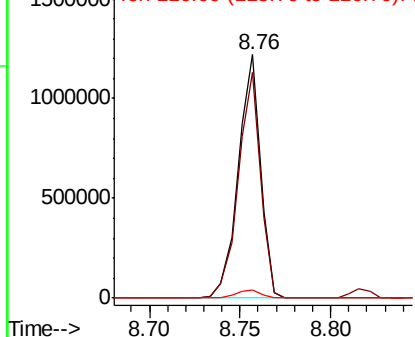


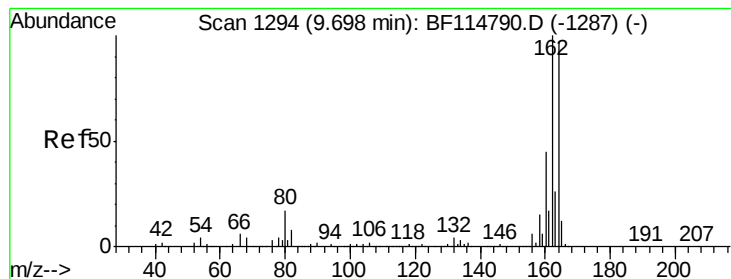
#38
1-Methylnaphthalene
Concen: 23.397 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:142 Resp: 1041286
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6
116 3.6 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampled :

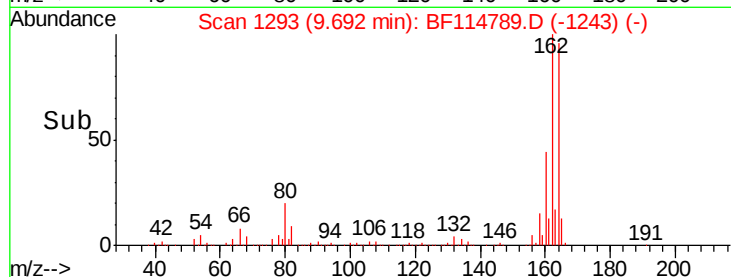
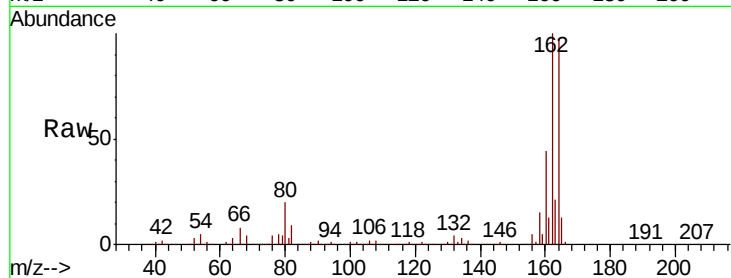
Tot Ion:164 Resp: 783982

Ion Ratio Lower Upper

164 100

162 103.6 82.3 123.5

160 46.0 36.7 55.1

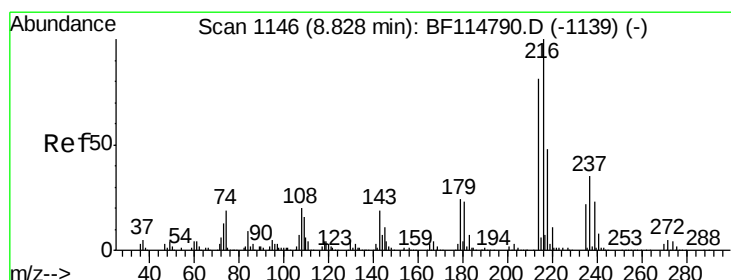
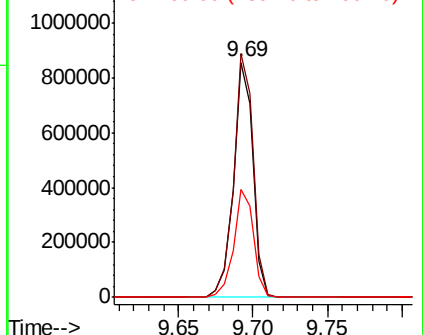


Abundance

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: 23.304 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Tgt Ion:216 Resp: 508754

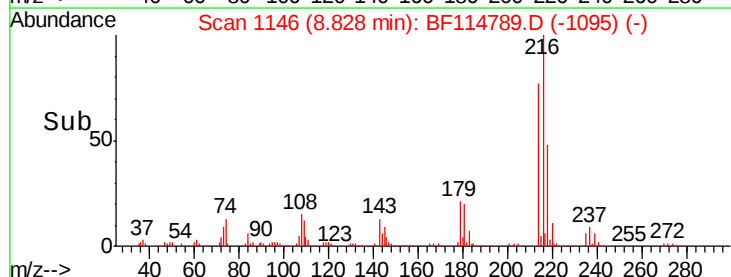
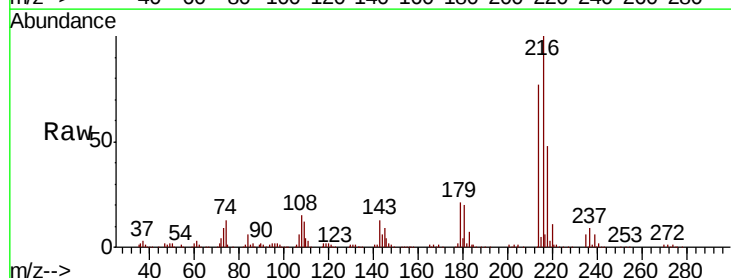
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 22.3 18.3 27.5

108 18.5 15.5 23.3



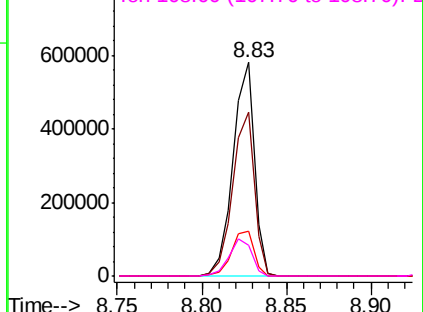
Abundance

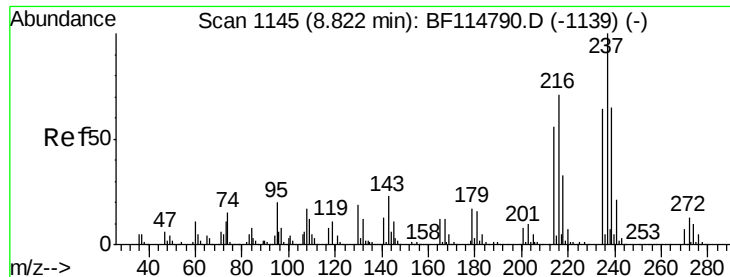
Ion 216.00 (215.70 to 216.70): E

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: 20.727 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

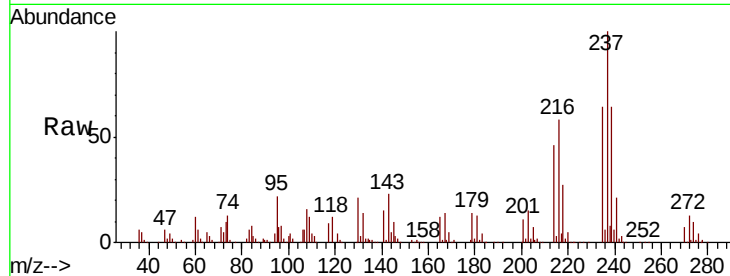
Tot Ion:237 Resp: 282026

Ion Ratio Lower Upper

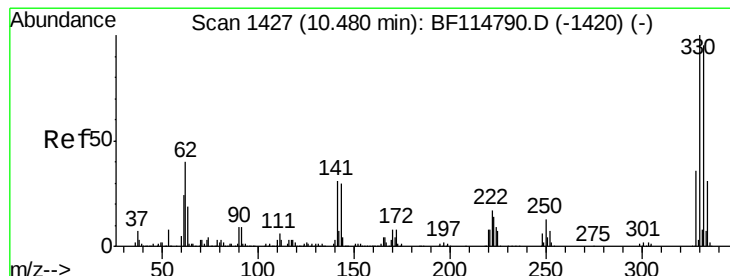
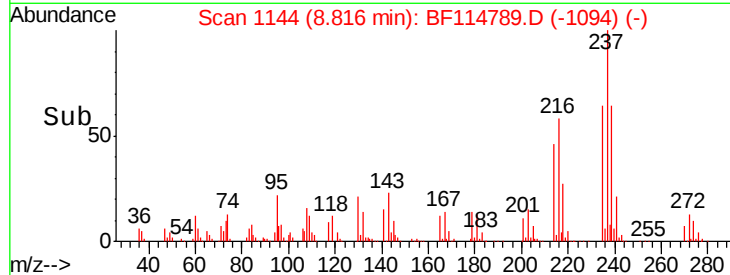
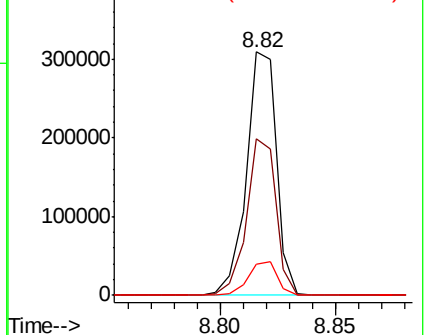
237 100

235 64.4 44.0 84.0

272 13.0 0.0 33.4



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: 46.961 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

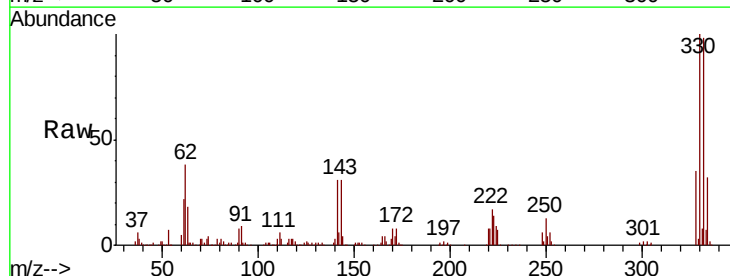
Tgt Ion:330 Resp: 372572

Ion Ratio Lower Upper

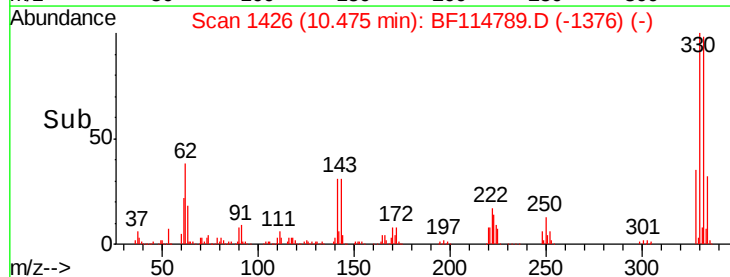
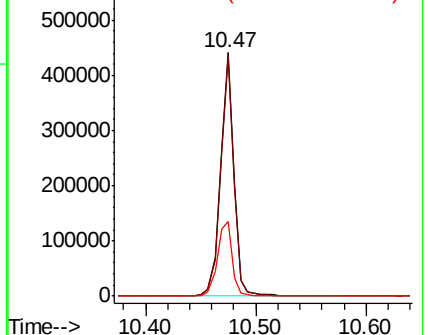
330 100

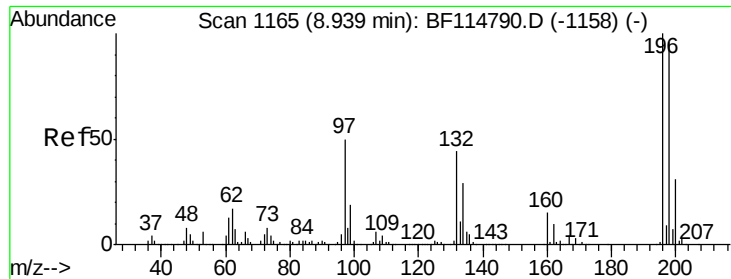
332 97.6 77.3 115.9

141 33.9 26.2 39.4



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

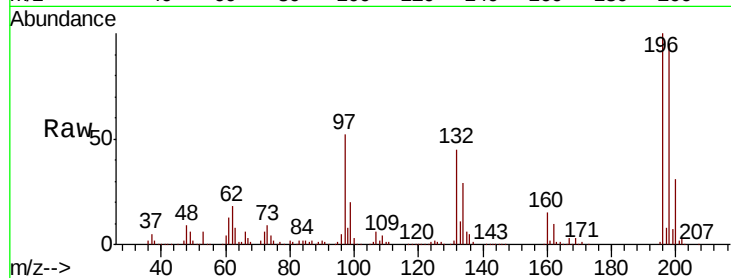




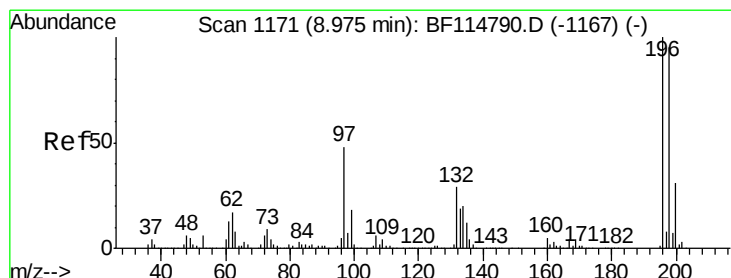
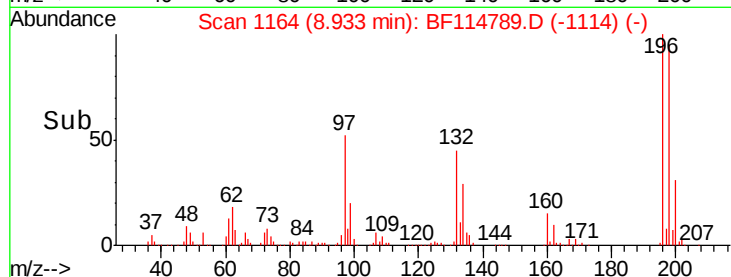
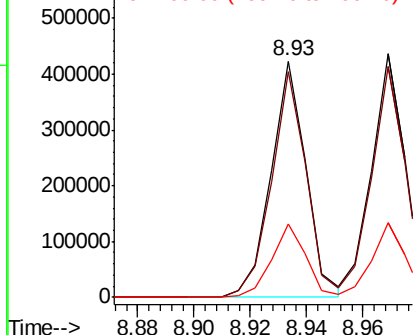
#43
 2,4,6-Trichlorophenol
 Concen: 21.390 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 364563
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 200 31.1 24.6 36.8

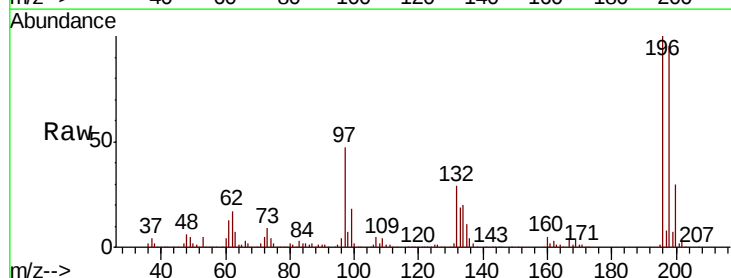


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

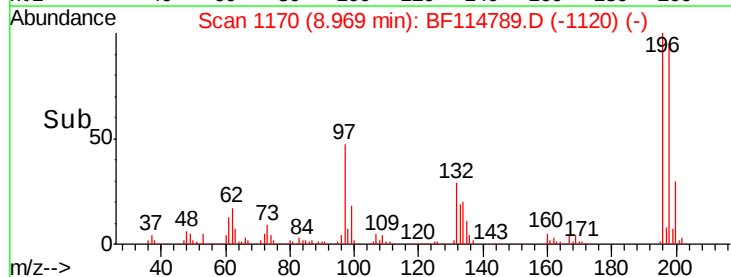
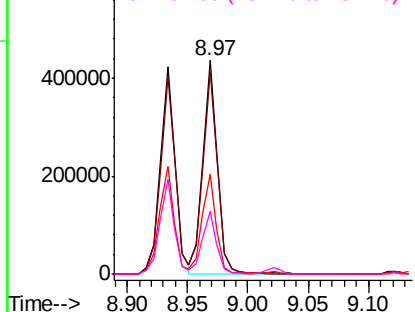


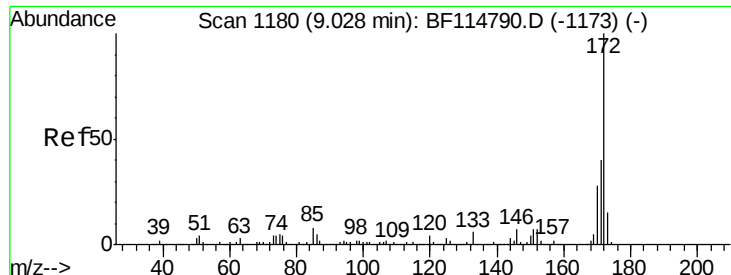
#44
 2,4,5-Trichlorophenol
 Concen: 21.770 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

Tgt Ion:196 Resp: 368176
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.2 114.4
 97 46.6 38.2 57.4
 132 29.1 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

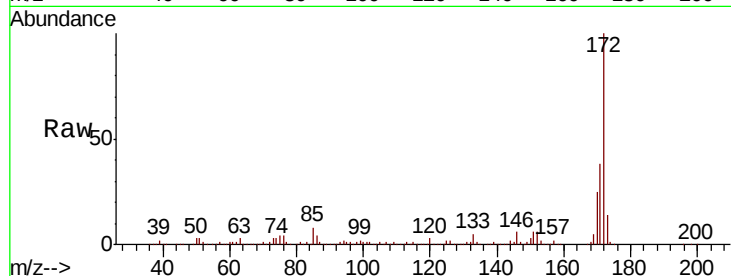




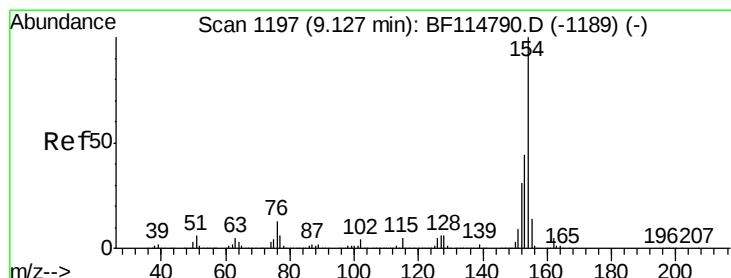
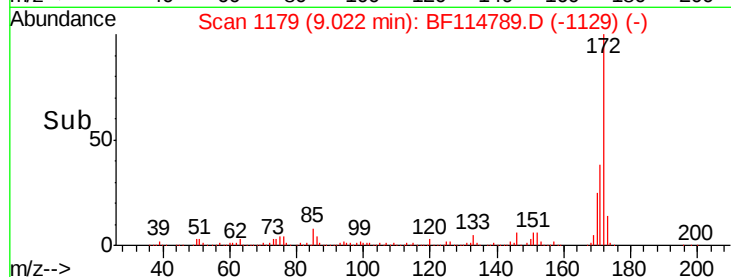
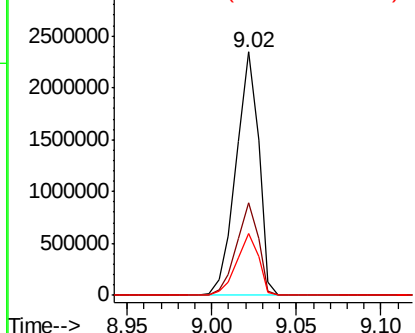
#45
2-Fluorobiphenyl
Concen: 50.444 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2194374
Ion Ratio Lower Upper
172 100
171 37.9 32.3 48.5
170 25.4 22.4 33.6

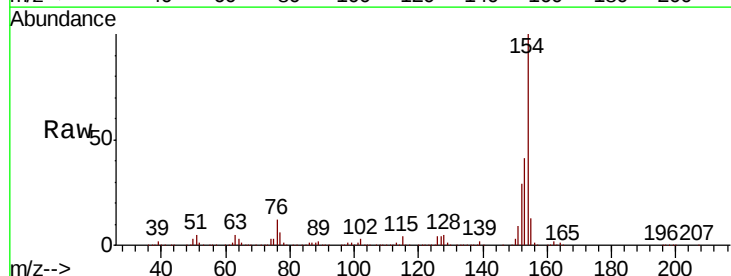


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

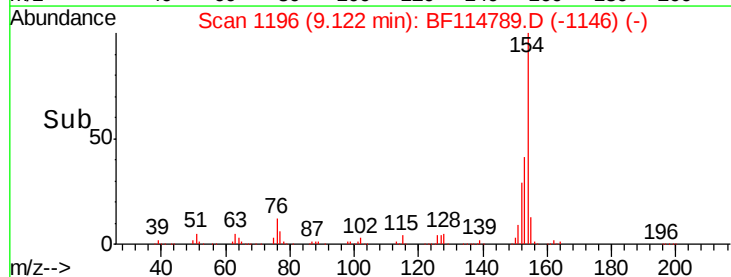
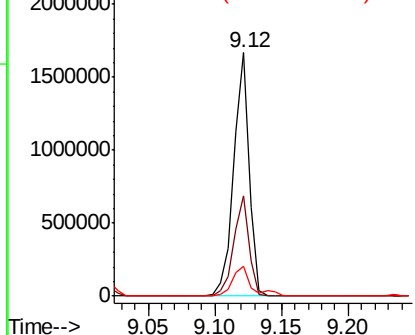


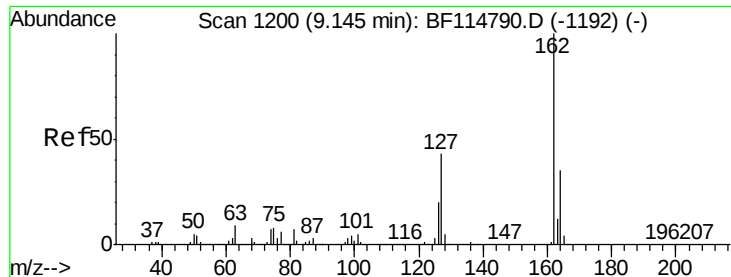
#46
1,1'-Biphenyl
Concen: 24.451 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:154 Resp: 1369766
Ion Ratio Lower Upper
154 100
153 41.2 23.9 63.9
76 12.1 0.0 33.2



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

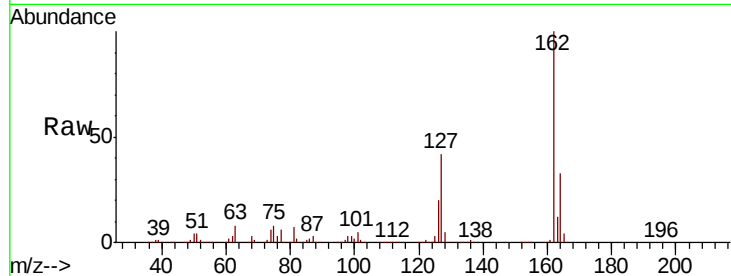




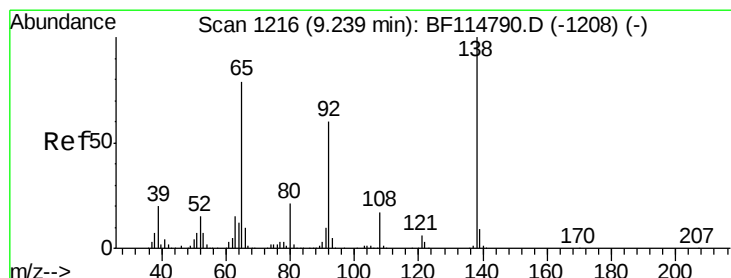
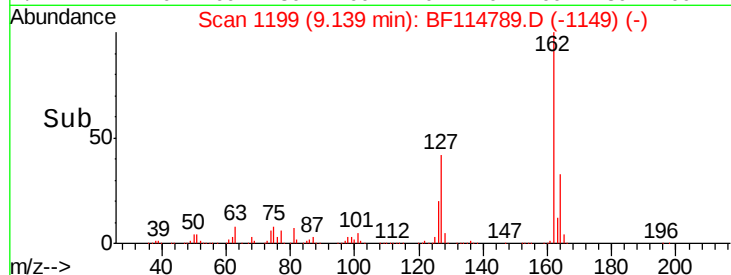
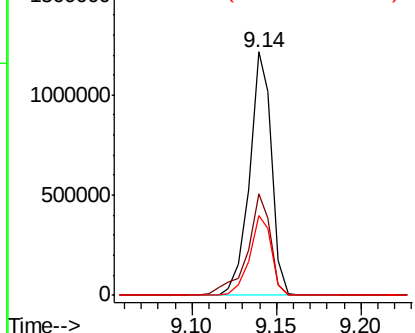
#47
2-Chloronaphthalene
Concen: 23.362 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1107130
Ion Ratio Lower Upper
162 100
127 41.5 34.6 51.8
164 32.9 27.8 41.8

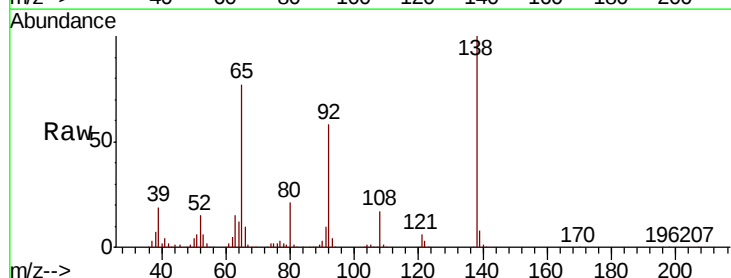


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

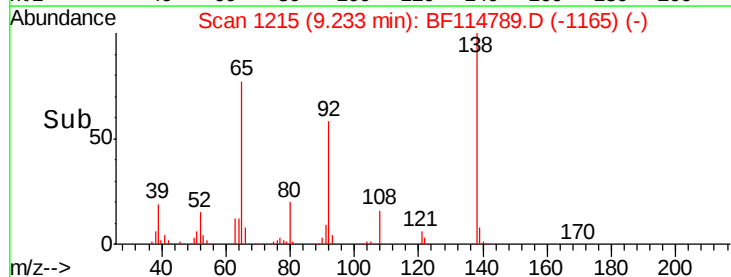
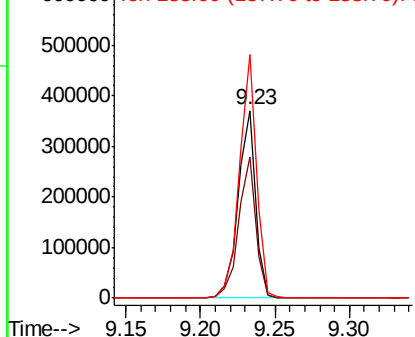


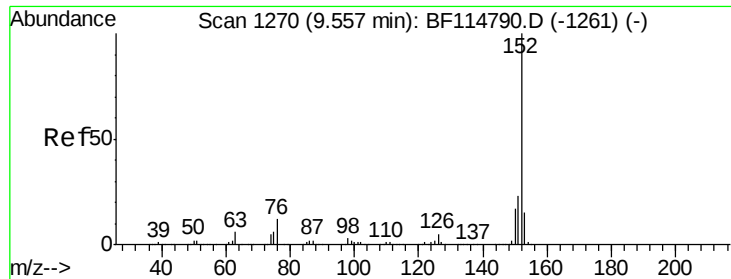
#48
2-Nitroaniline
Concen: 21.388 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion: 65 Resp: 305456
Ion Ratio Lower Upper
65 100
92 75.7 60.4 90.6
138 130.0 101.2 151.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 24.243 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

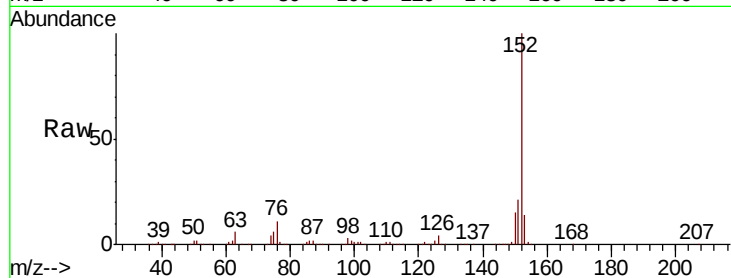
Tot Ion:152 Resp: 1676967

Ion Ratio Lower Upper

152 100

151 21.0 18.3 27.5

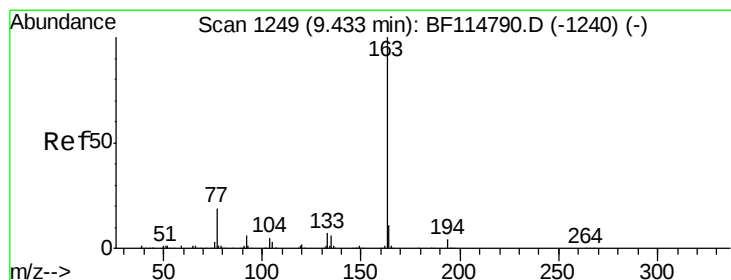
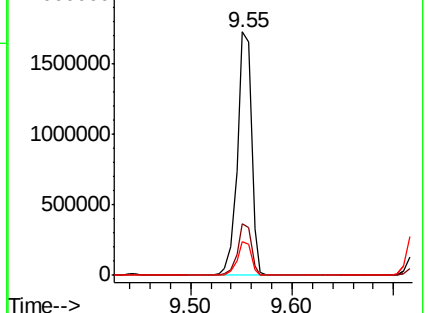
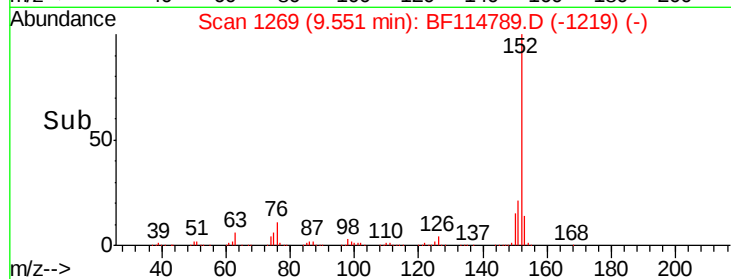
153 13.9 12.3 18.5



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: 22.861 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

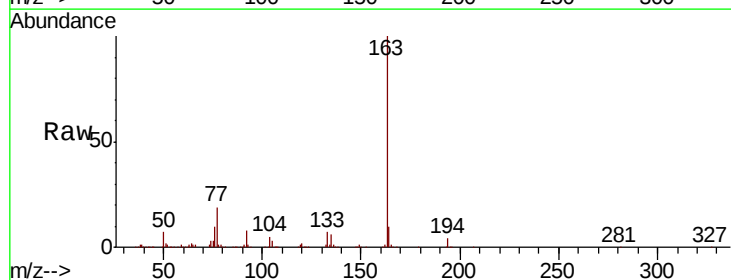
Tgt Ion:163 Resp: 1271808

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

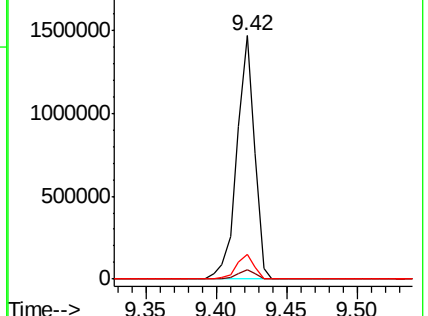
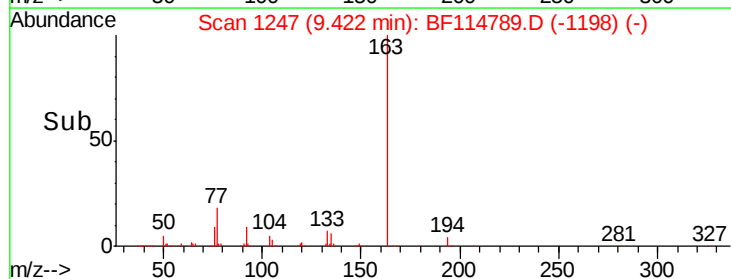
164 10.4 8.6 13.0

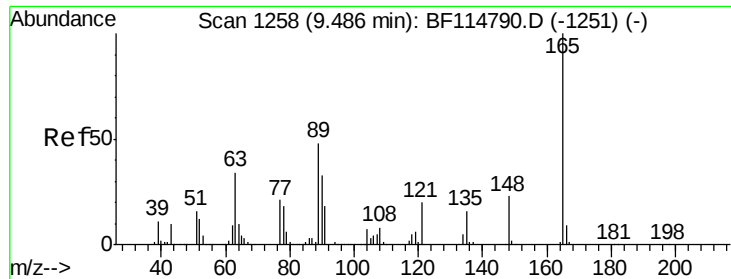


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 21.391 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampled :

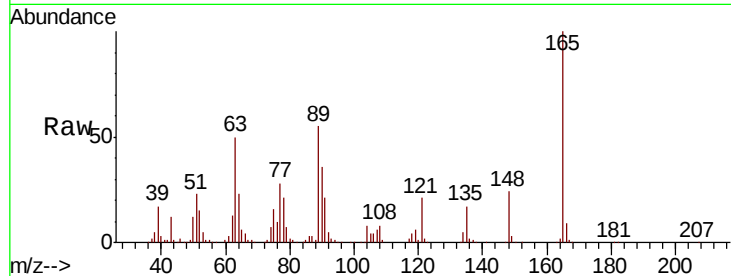
Tot Ion:165 Resp: 276074

Ion Ratio Lower Upper

165 100

63 49.9 35.1 52.7

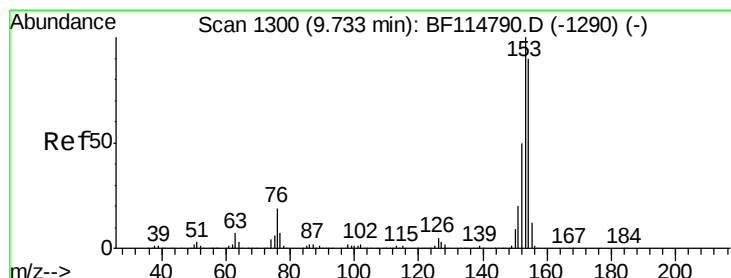
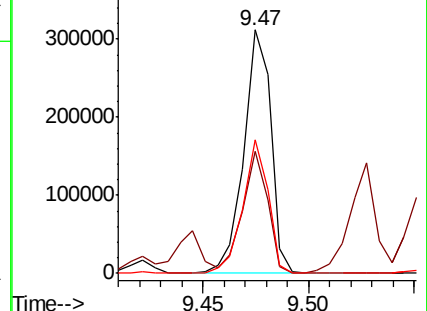
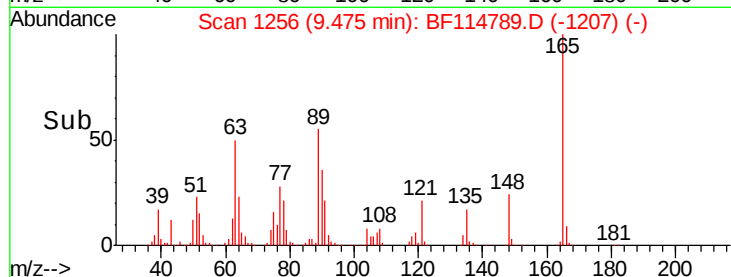
89 54.6 38.2 57.2



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



#52

Acenaphthene

Concen: 23.383 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

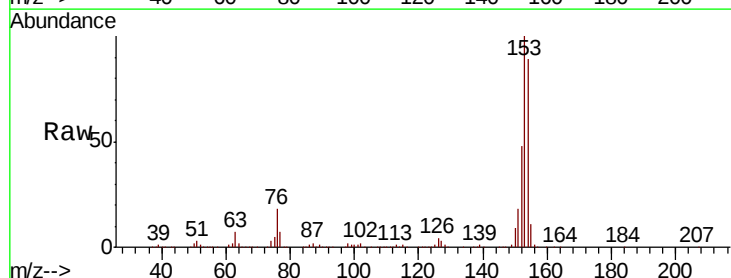
Tgt Ion:154 Resp: 1051473

Ion Ratio Lower Upper

154 100

153 111.8 88.5 132.7

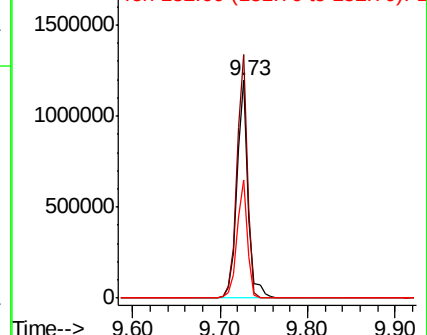
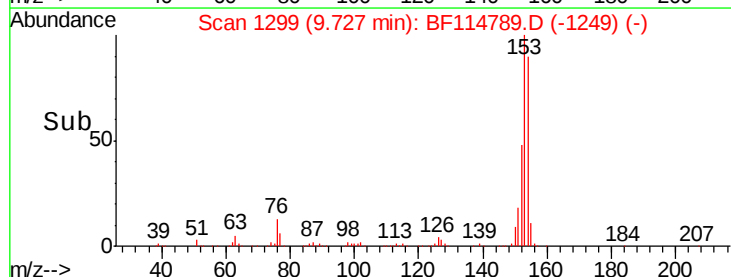
152 54.2 44.1 66.1

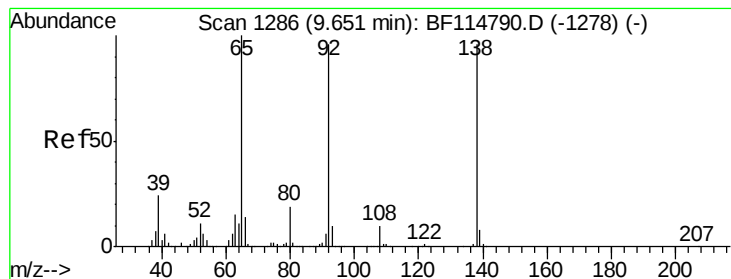


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.791 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampled :

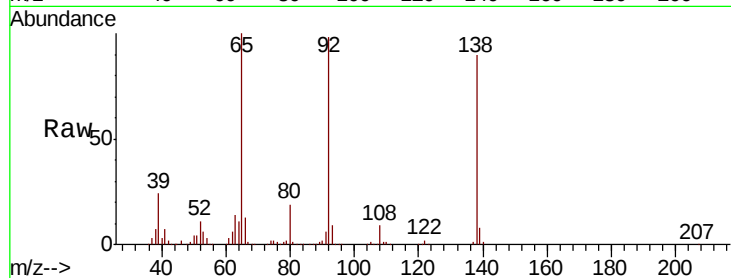
Tot Ion:138 Resp: 335059

Ion Ratio Lower Upper

138 100

108 10.1 7.9 11.9

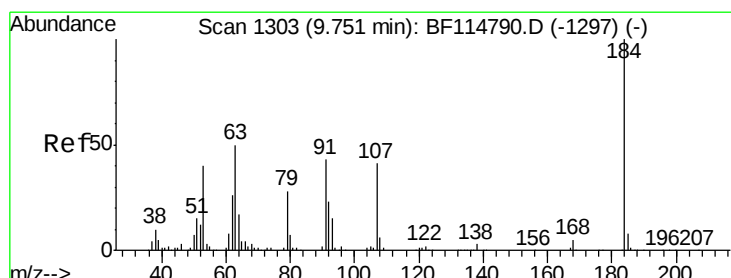
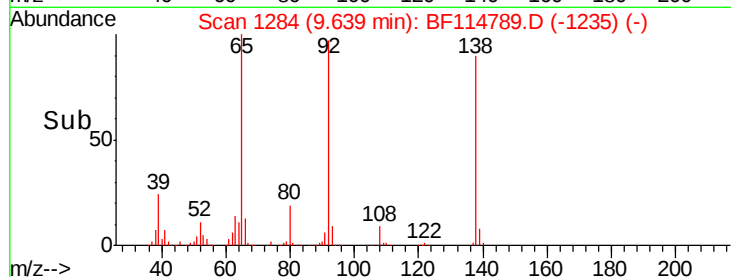
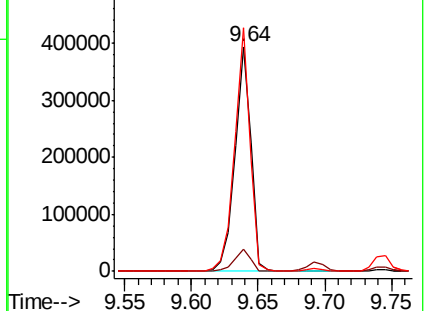
92 108.4 79.9 119.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 17.174 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

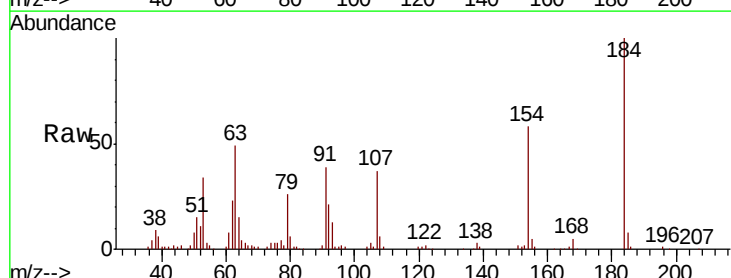
Tgt Ion:184 Resp: 104653

Ion Ratio Lower Upper

184 100

63 49.4 44.1 66.1

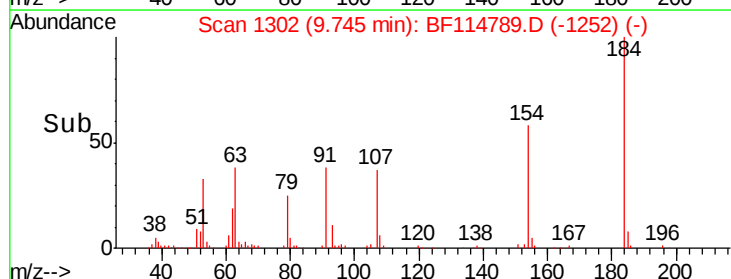
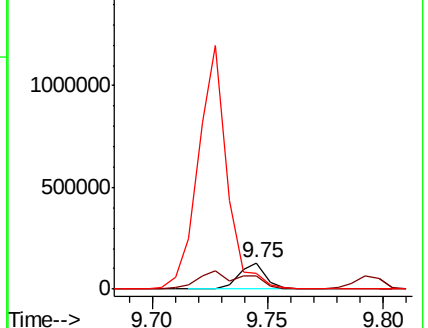
154 57.6 48.1 72.1

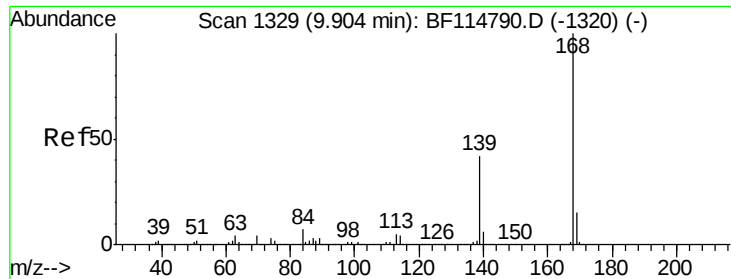


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

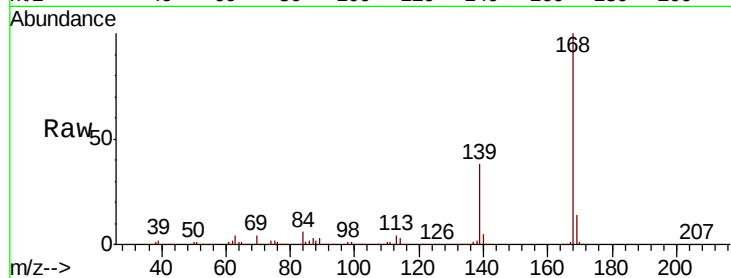




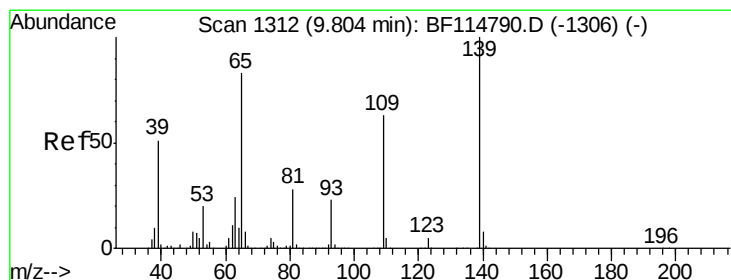
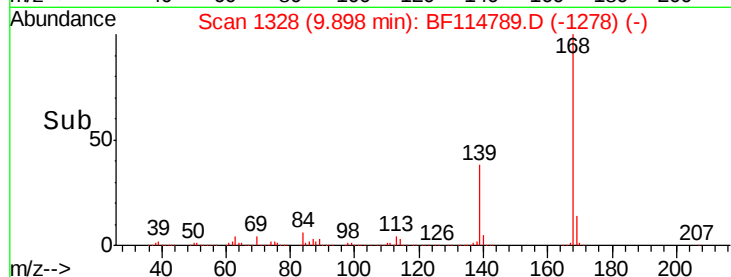
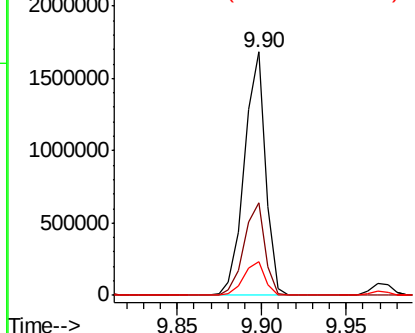
#55
Dibenzofuran
Concen: 24.472 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1474612
Ion Ratio Lower Upper
168 100
139 38.3 33.8 50.6
169 13.7 11.9 17.9

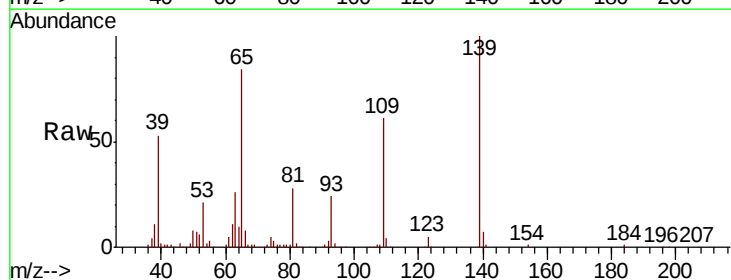


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

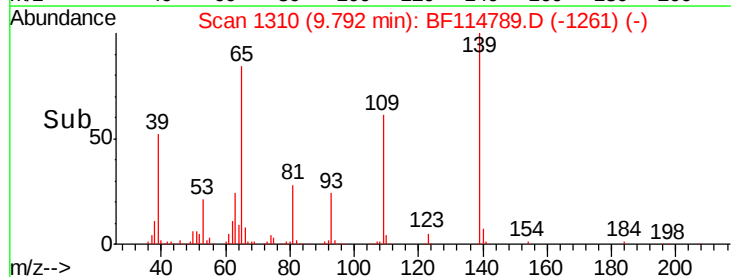
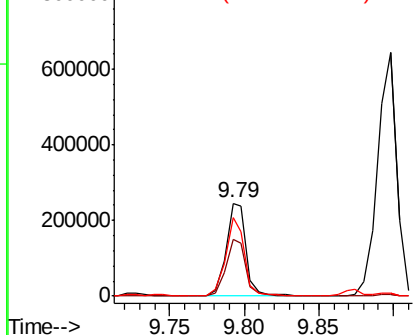


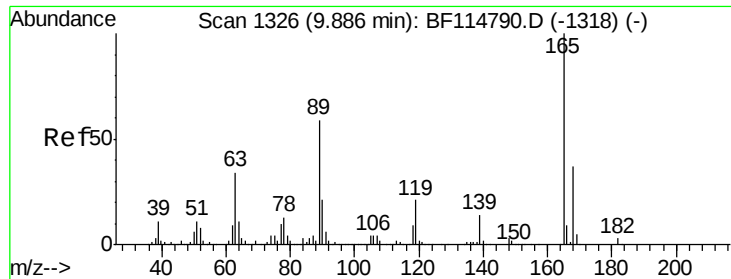
#56
4-Nitrophenol
Concen: 21.104 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:139 Resp: 234607
Ion Ratio Lower Upper
139 100
109 61.2 43.5 83.5
65 84.4 63.2 103.2



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

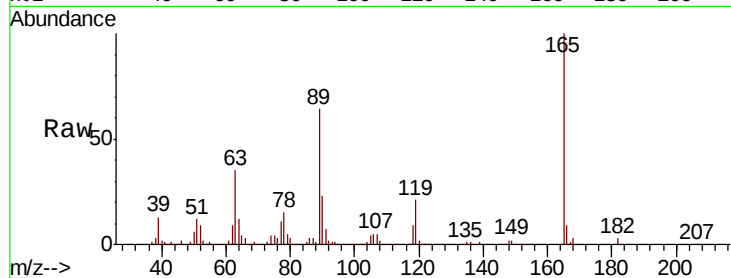




#57
2,4-Dinitrotoluene
Concen: 22.151 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.1	27.0	40.4
89	63.9	47.0	70.6
182	2.8	2.2	3.2

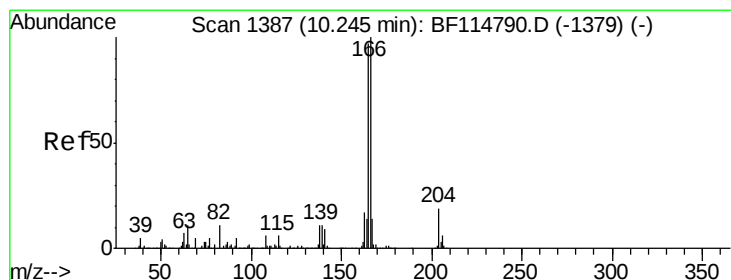
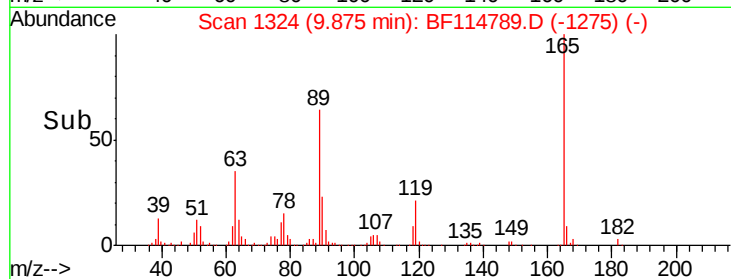
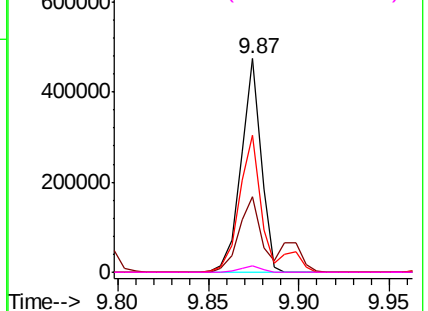


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

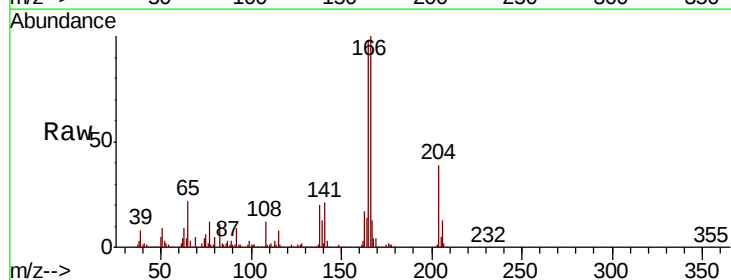
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 25.119 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

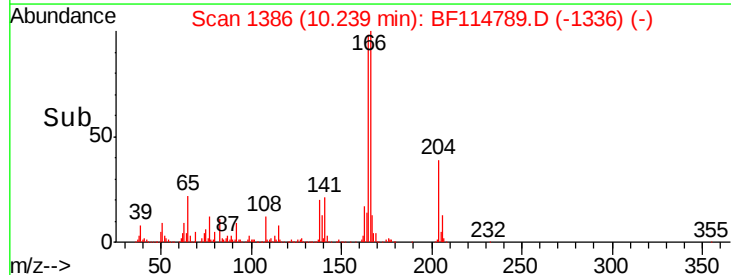
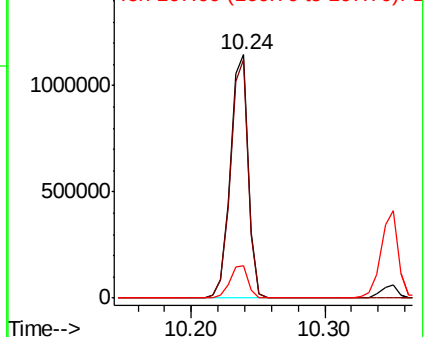
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	13.4	11.3	16.9

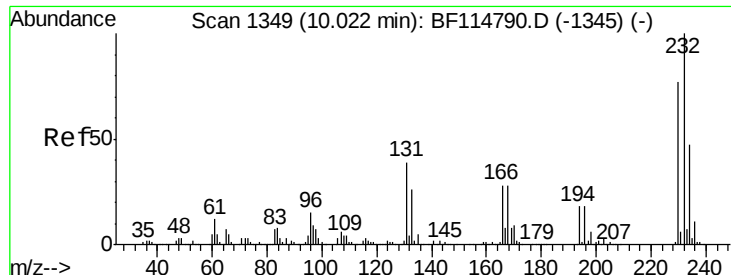


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

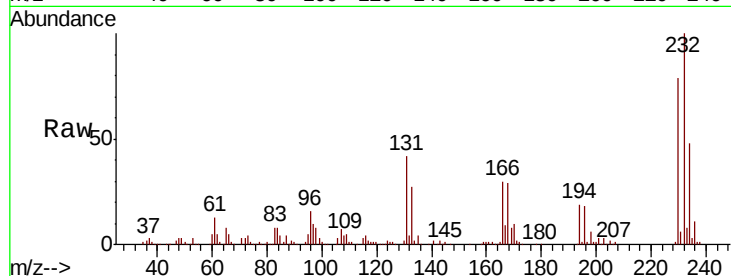




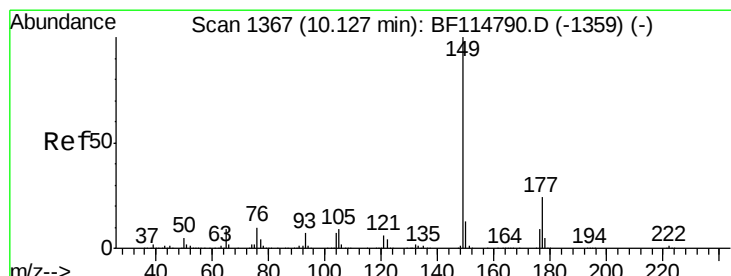
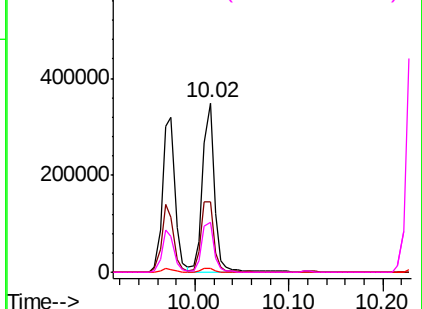
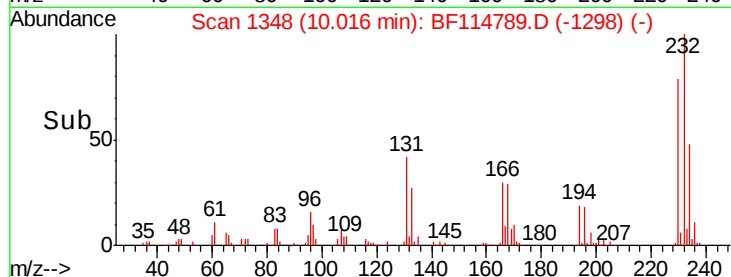
#59
2,3,4,6-Tetrachlorophenol
Concen: 22.349 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 308449
Ion Ratio Lower Upper
232 100
131 45.9 36.8 55.2
130 2.2 1.8 2.6
166 30.4 24.6 37.0

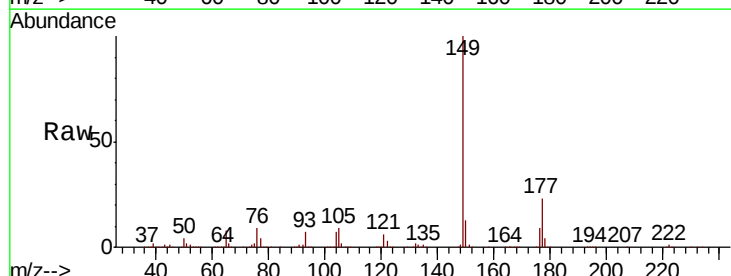


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

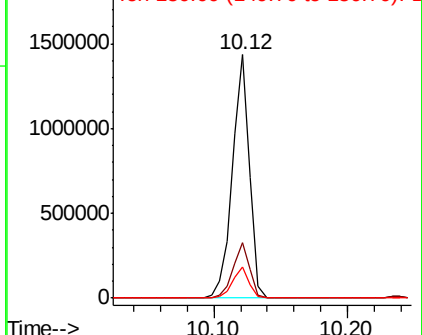
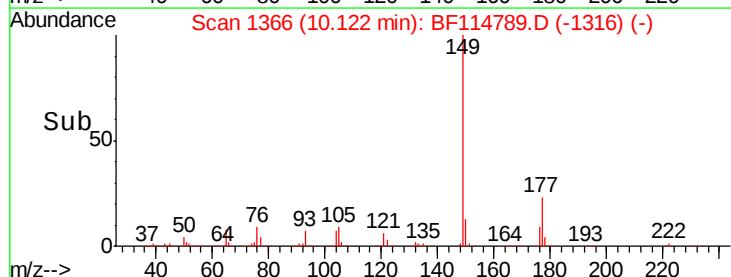


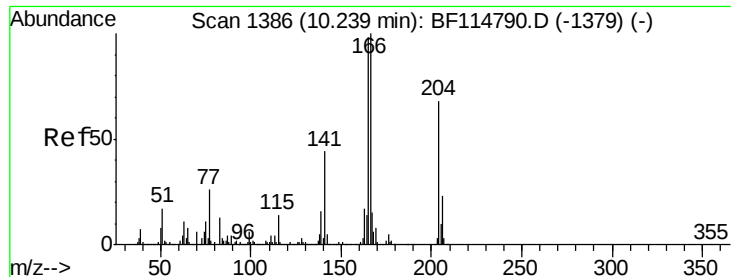
#60
Diethylphthalate
Concen: 23.106 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:149 Resp: 1286226
Ion Ratio Lower Upper
149 100
177 23.0 19.3 28.9
150 12.9 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

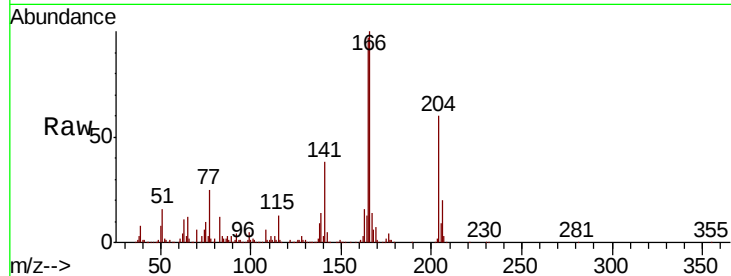




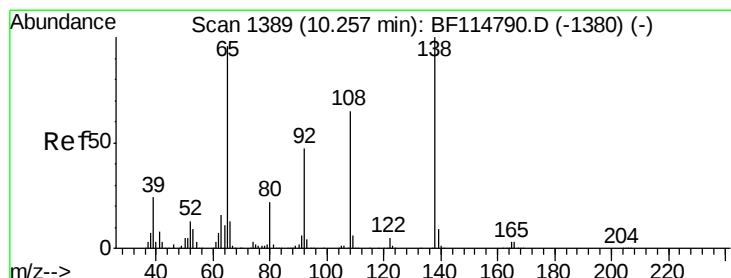
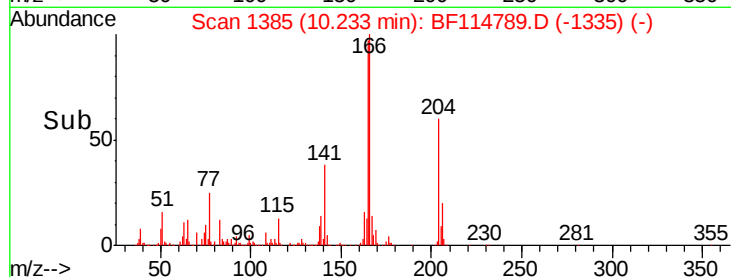
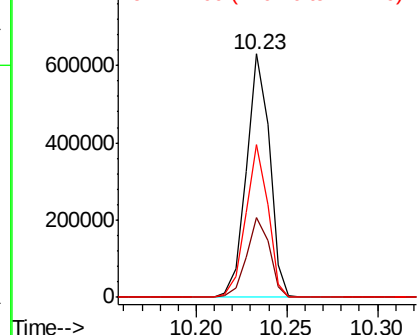
#61
4-Chlorophenyl-phenylether
Concen: 25.002 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 556856
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 63.0 51.0 76.4

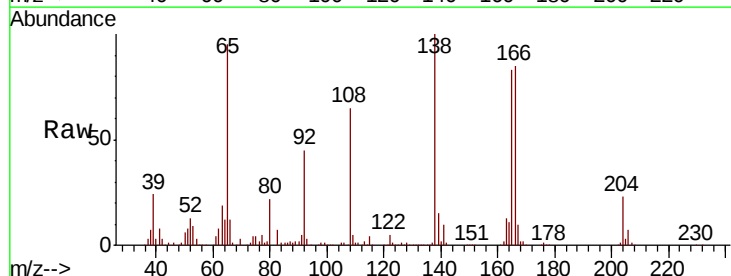


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

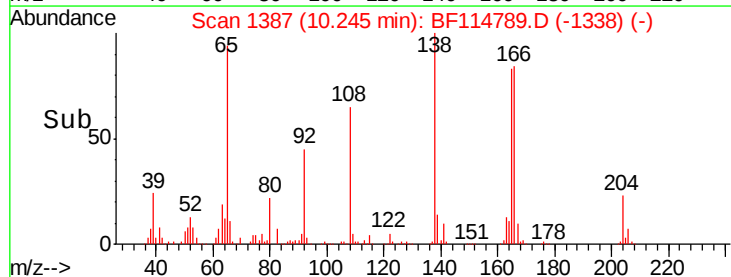
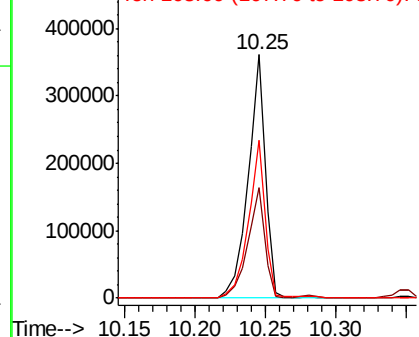


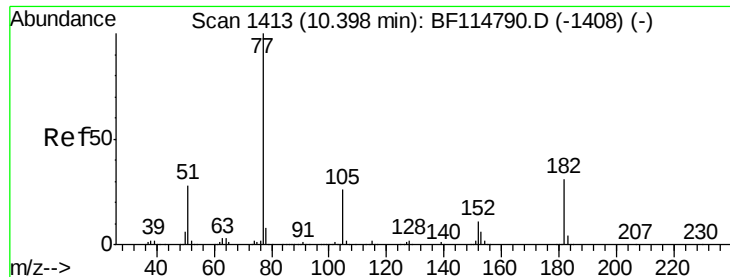
#62
4-Nitroaniline
Concen: 20.714 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:138 Resp: 307968
Ion Ratio Lower Upper
138 100
92 45.5 26.5 66.5
108 64.8 45.4 85.4



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





#63

Azobenzene

Concen: 23.076 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

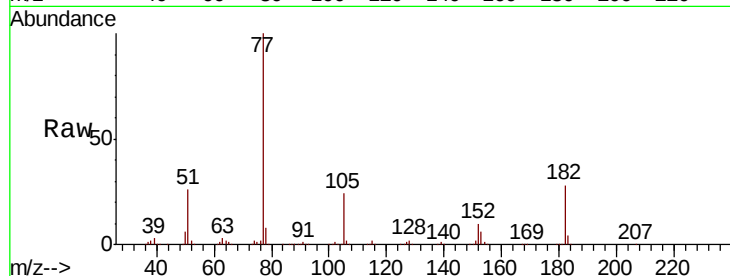
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1102124

Ion	Ratio	Lower	Upper
77	100		
182	28.2	11.2	51.2
105	24.1	5.7	45.7
51	26.4	8.0	48.0

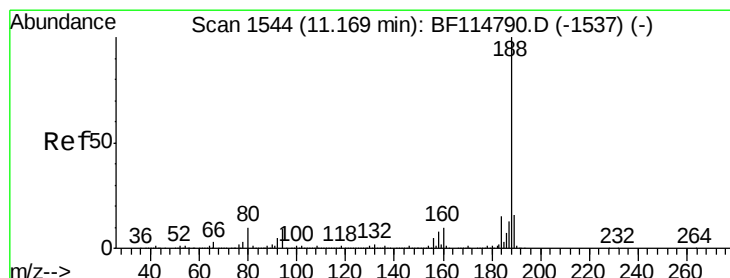
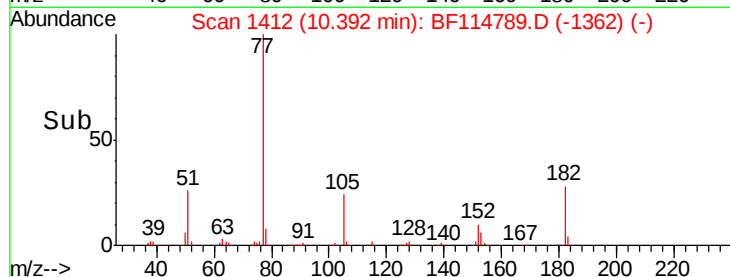


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.17 min Scan# 1544

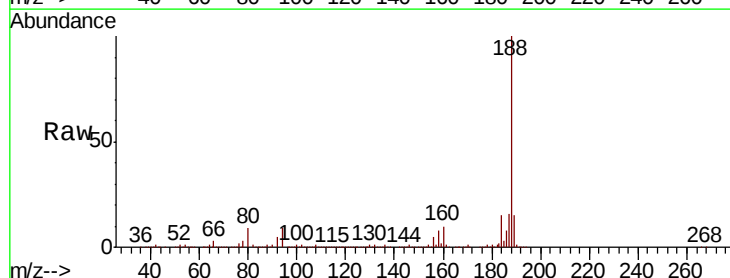
Delta R.T. 0.00 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Tgt Ion:188 Resp: 1507480

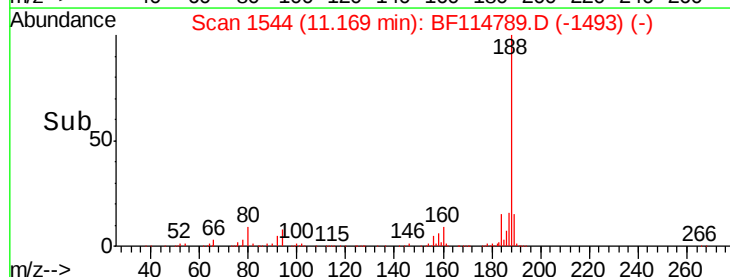
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.6	11.4
80	9.3	8.3	12.5

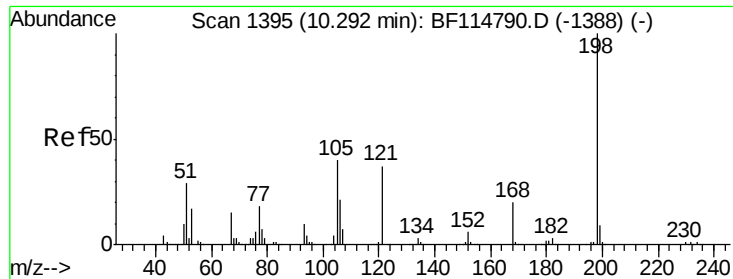


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

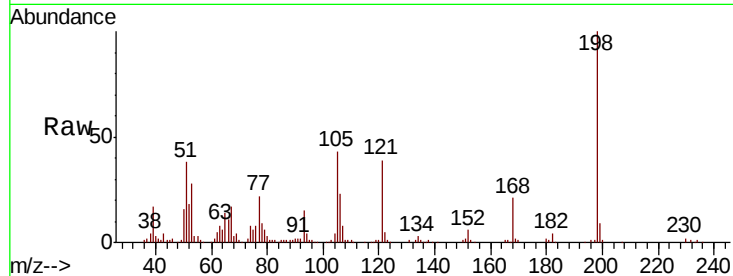




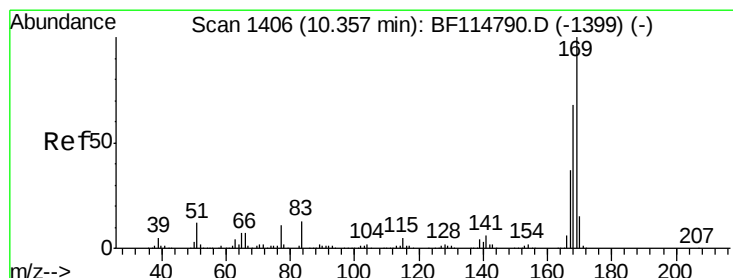
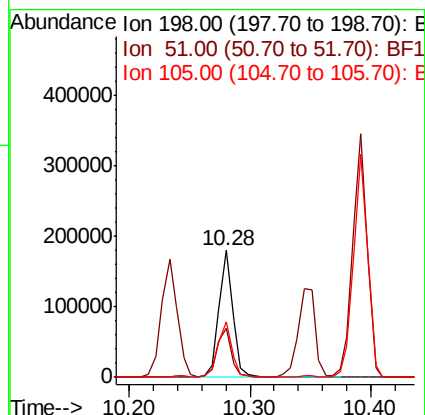
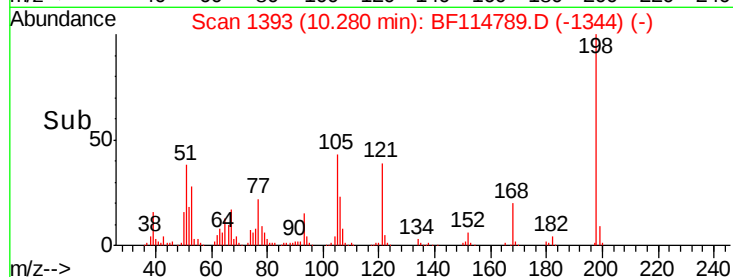
#65
4,6-Dinitro-2-methylphenol
Concen: 18.255 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 142350
Ion Ratio Lower Upper
198 100
51 38.3 14.9 54.9
105 43.2 21.0 61.0

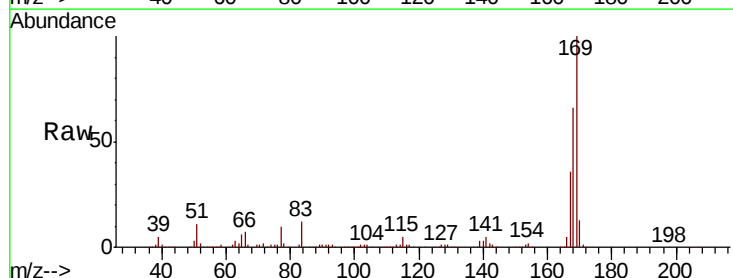


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

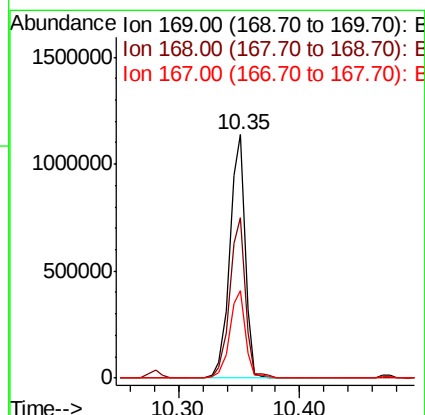
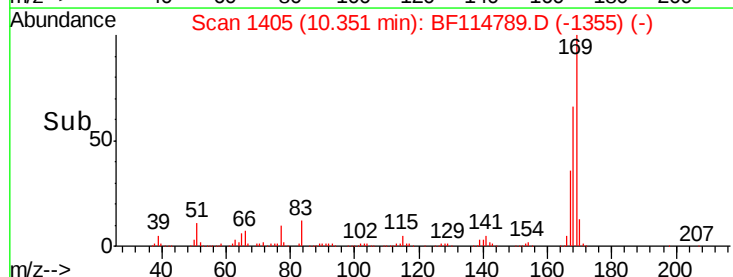


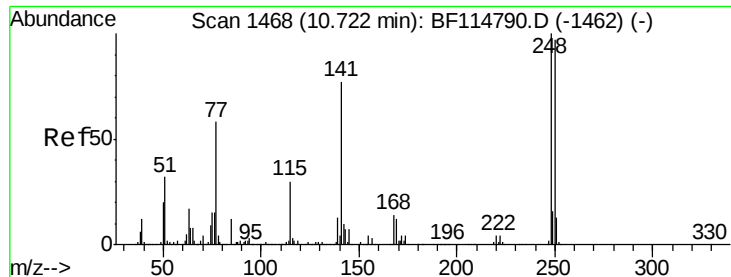
#66
n-Nitrosodiphenylamine
Concen: 22.618 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:169 Resp: 1001817
Ion Ratio Lower Upper
169 100
168 66.1 54.3 81.5
167 36.0 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

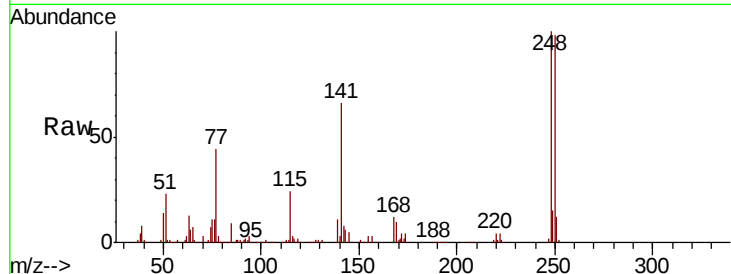




#67
4-Bromophenyl-phenylether
Concen: 22.092 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.5	116.3
141	66.0	61.8	92.8

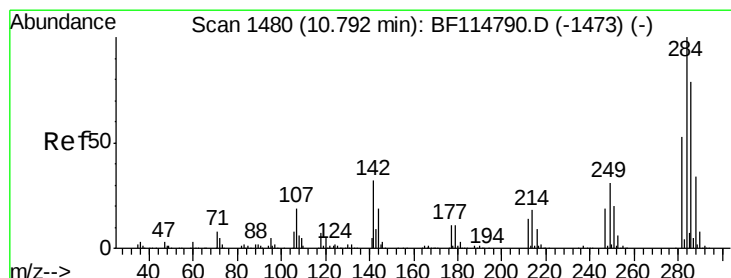
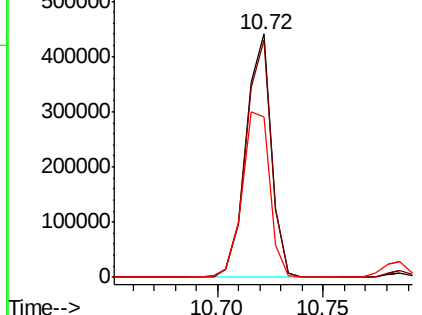
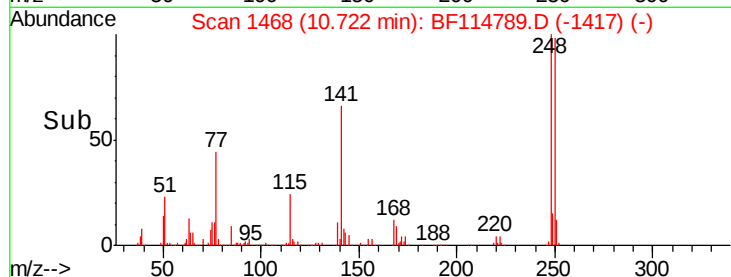


Abundance

Ion 248.00 (247.70 to 248.70): E

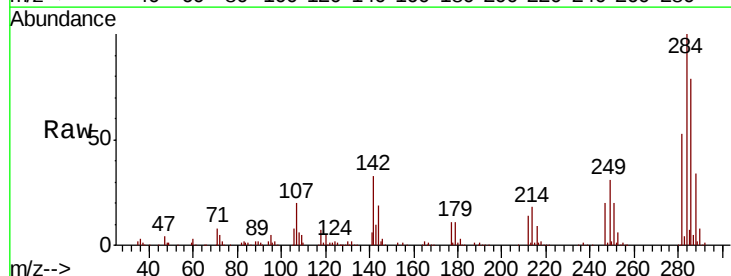
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 22.097 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.3	37.9
249	30.8	24.9	37.3

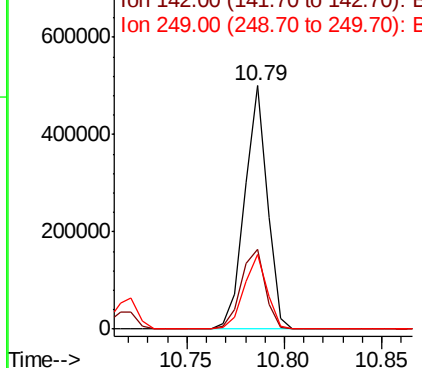
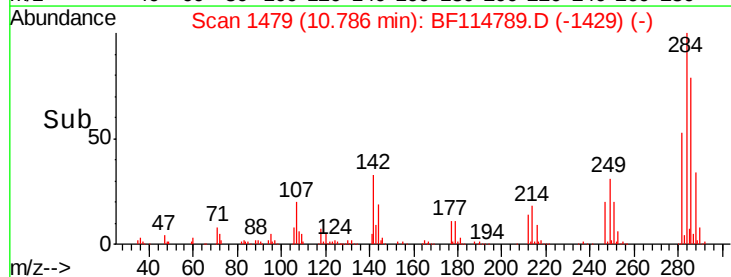


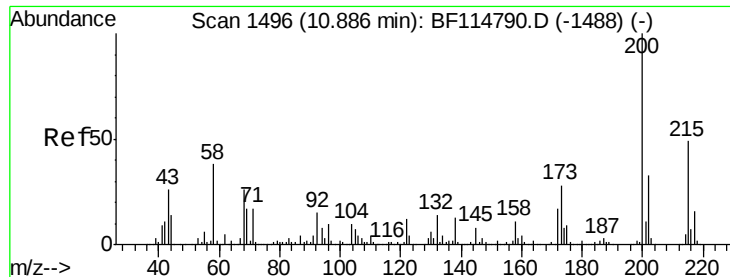
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

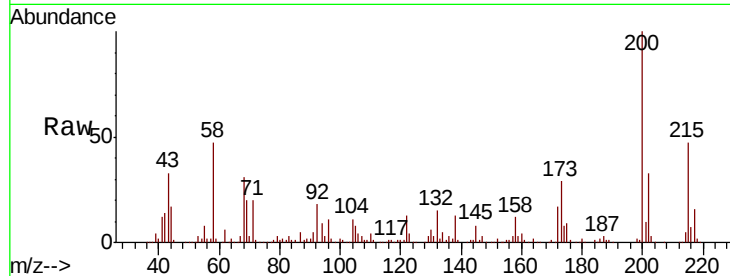




#69
Atrazine
Concen: 25.829 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.0	48.0
215	47.0	28.7	68.7

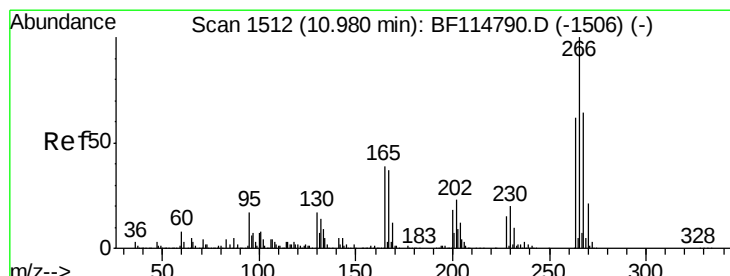
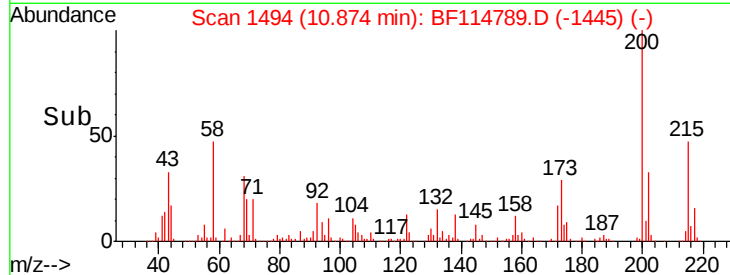
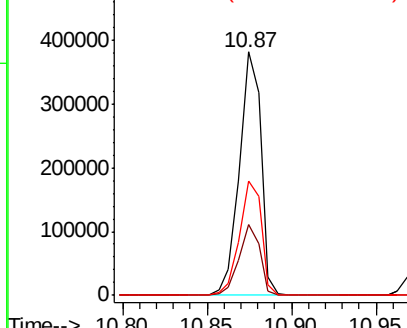


Abundance

Ion 200.00 (199.70 to 200.70): E

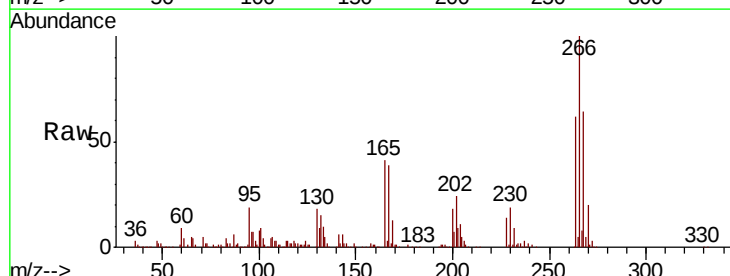
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 21.030 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.6
264	62.2	49.6	74.4

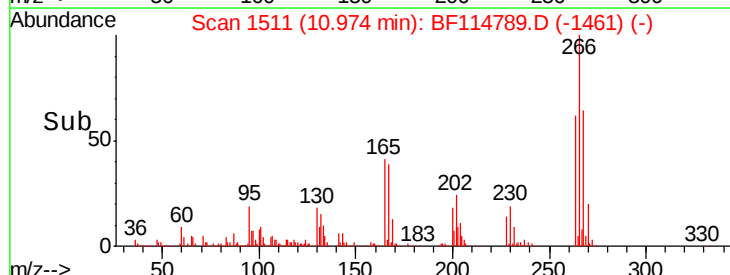
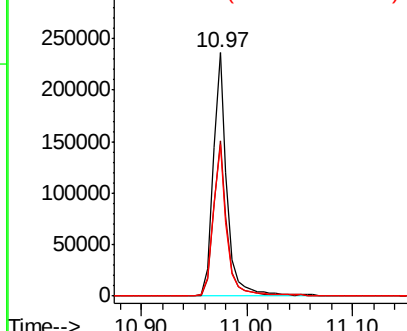


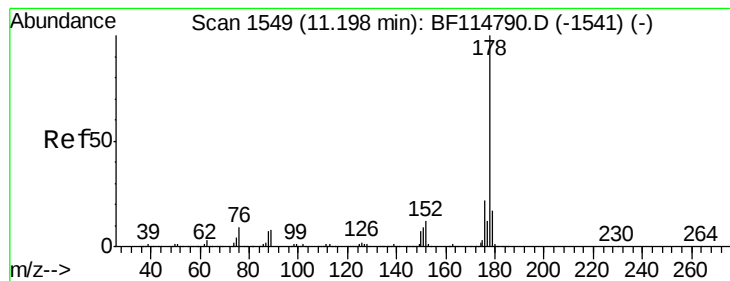
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 24.113 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampled :

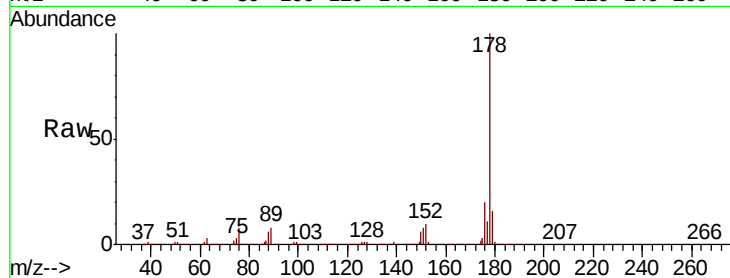
Tot Ion:178 Resp: 1687240

Ion Ratio Lower Upper

178 100

176 20.5 17.7 26.5

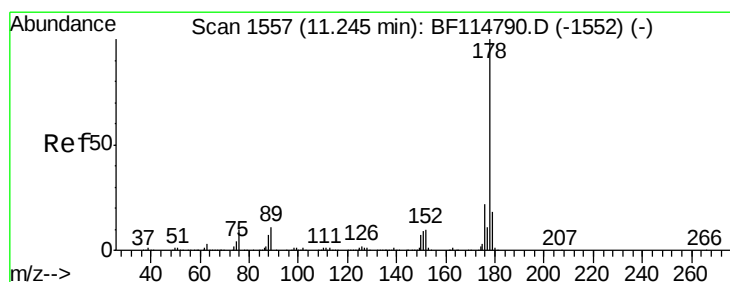
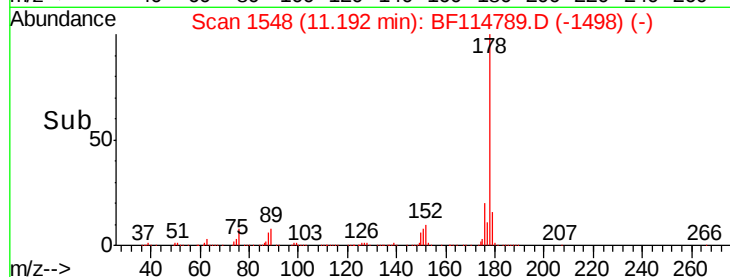
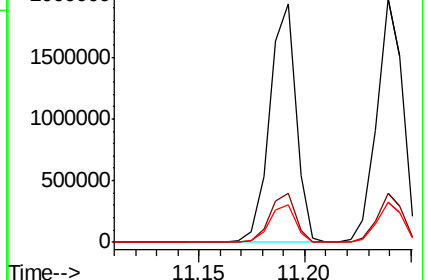
179 15.6 13.7 20.5



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: 24.307 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

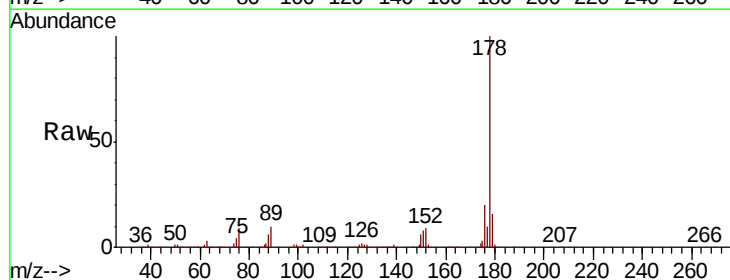
Tgt Ion:178 Resp: 1706405

Ion Ratio Lower Upper

178 100

176 20.2 17.4 26.0

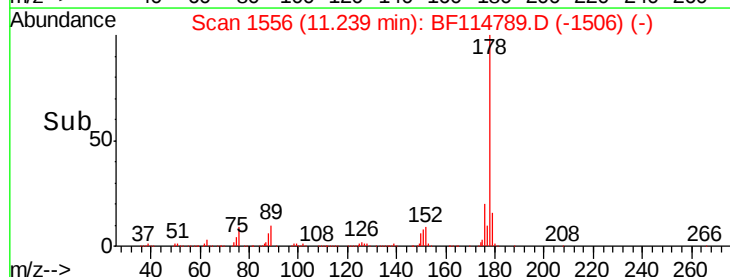
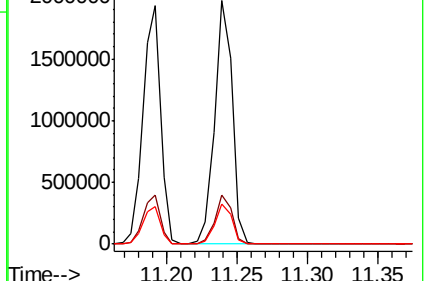
179 16.3 14.2 21.4

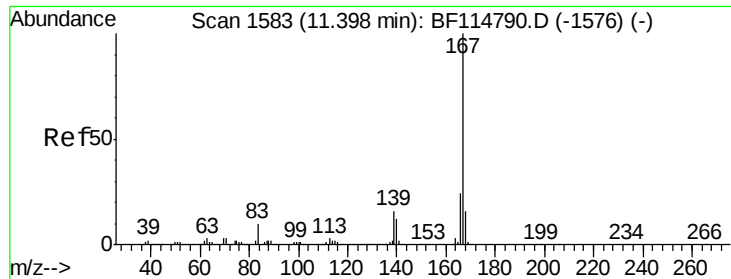


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



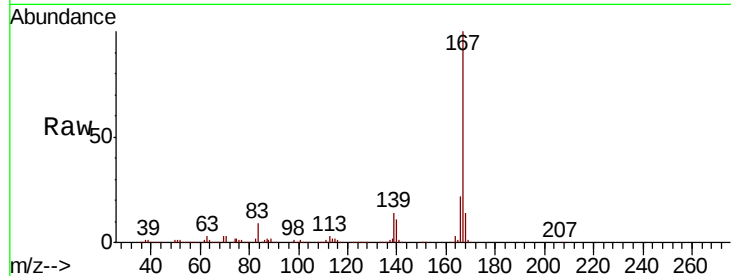


#73
 Carbazole
 Concen: 23.477 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

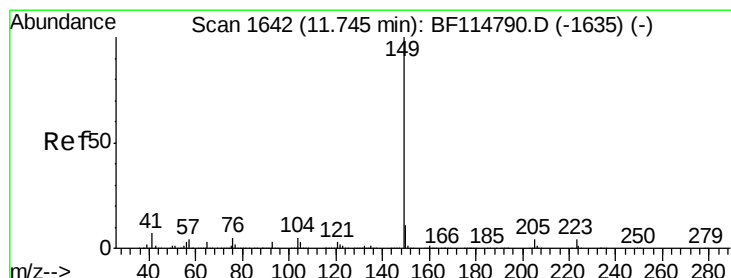
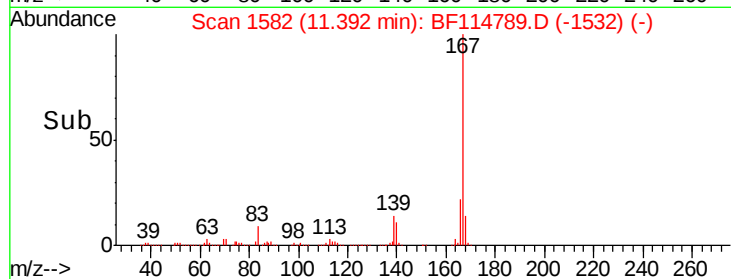
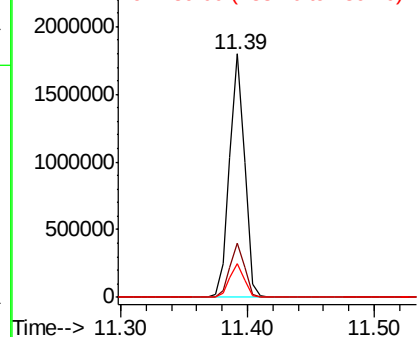
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1491651

Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.1	28.7
139	13.8	12.4	18.6



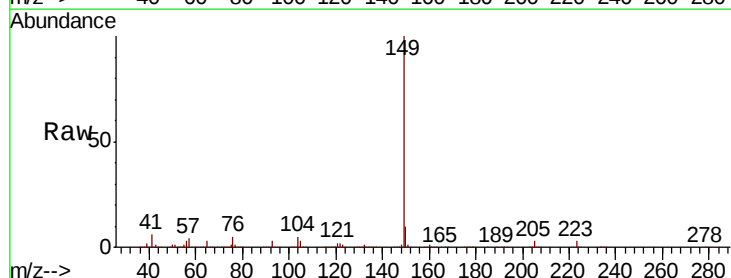
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



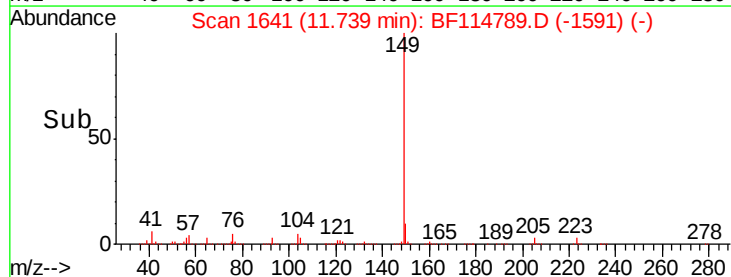
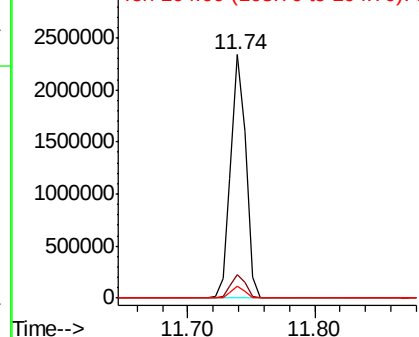
#74
 Di-n-butylphthalate
 Concen: 24.038 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

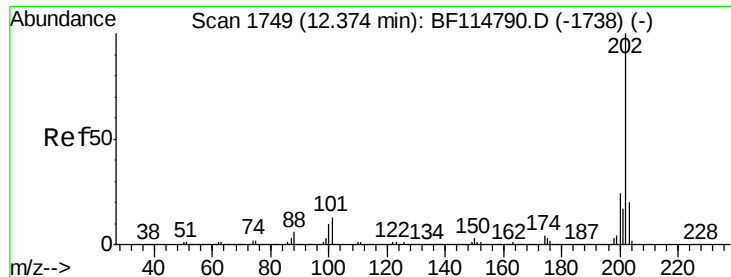
Tgt Ion:149 Resp: 1947063

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.9	13.3
104	4.9	4.3	6.5



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: 24.150 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampled :

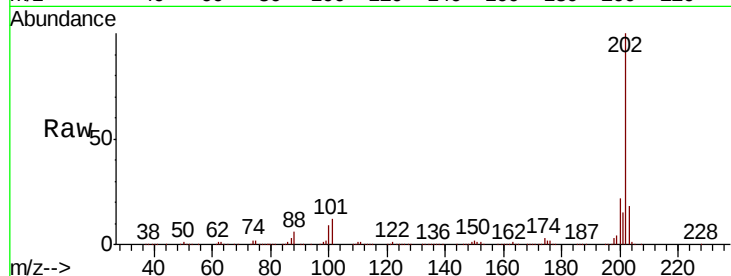
Tot Ion:202 Resp: 1699009

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.8

203 18.2 0.2 40.2

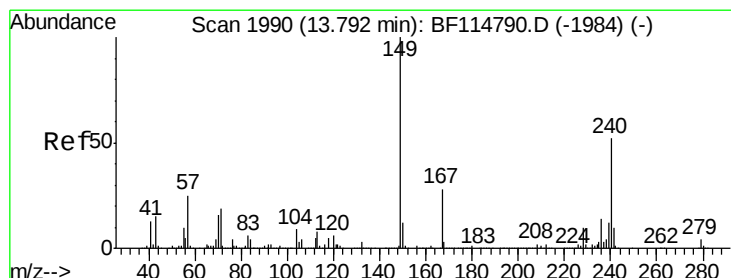
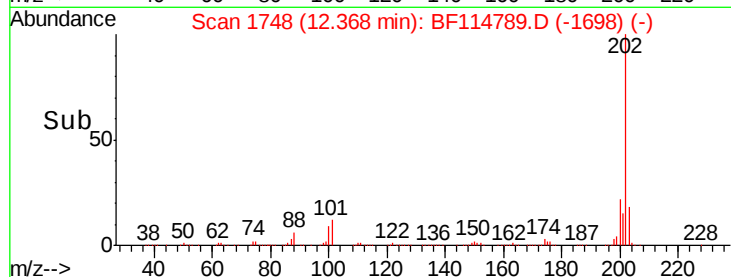
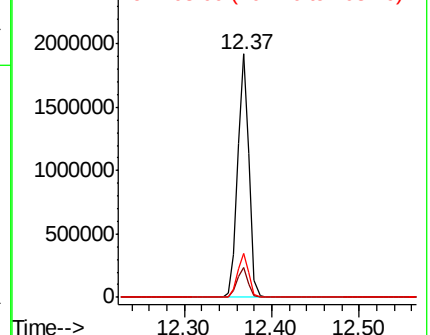


Abundance

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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

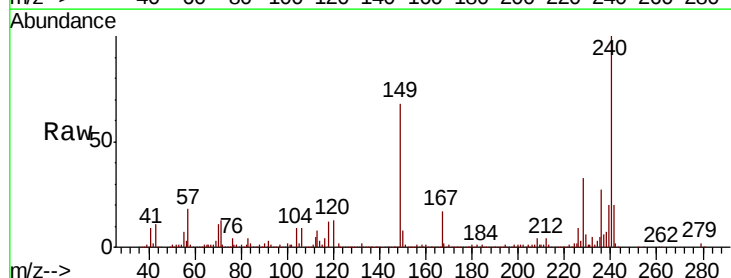
Tgt Ion:240 Resp: 980755

Ion Ratio Lower Upper

240 100

120 13.3 9.0 13.4

236 27.1 21.4 32.0

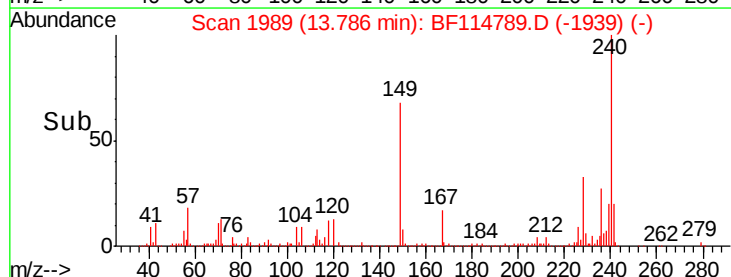
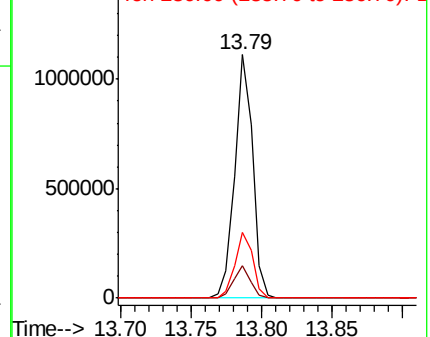


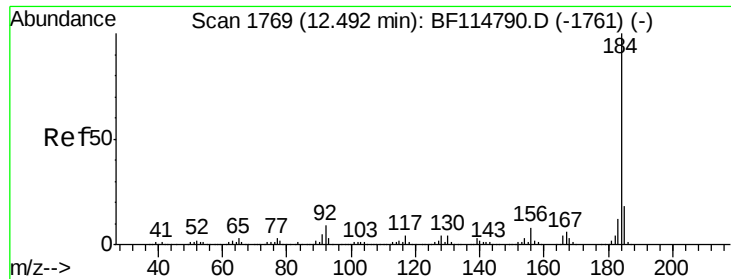
Abundance

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: 26.080 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

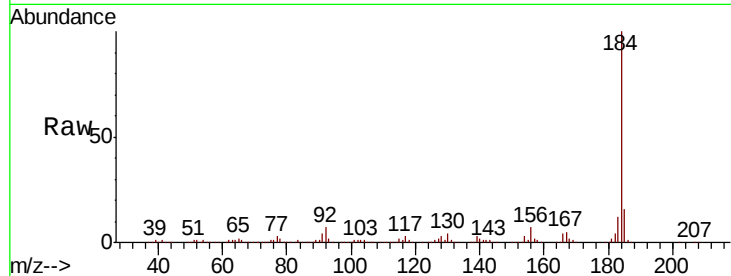
Tot Ion:184 Resp: 1011231

Ion Ratio Lower Upper

184 100

185 15.6 14.1 21.1

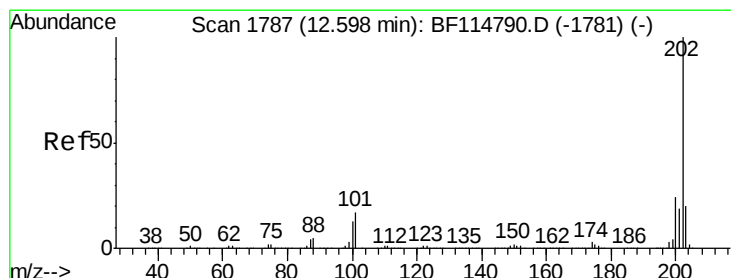
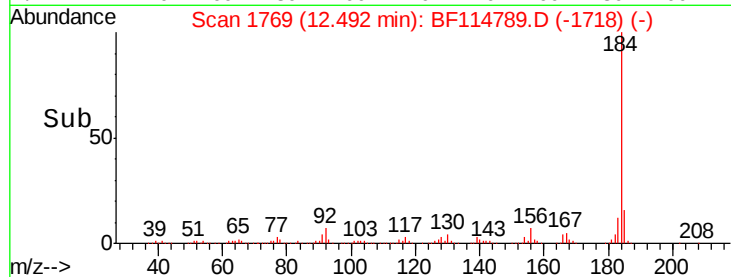
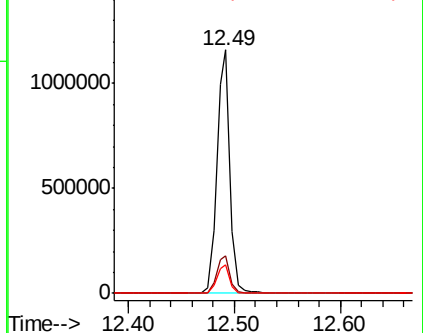
183 11.8 9.9 14.9



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: 20.713 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

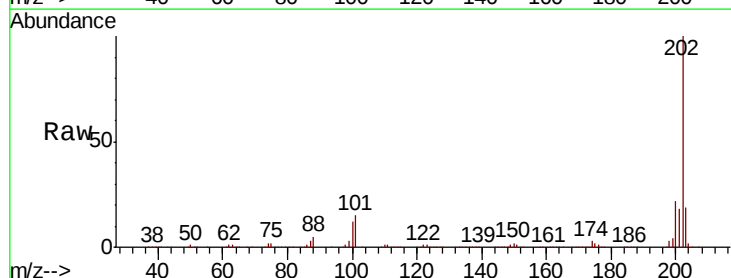
Tgt Ion:202 Resp: 1695373

Ion Ratio Lower Upper

202 100

200 22.5 19.2 28.8

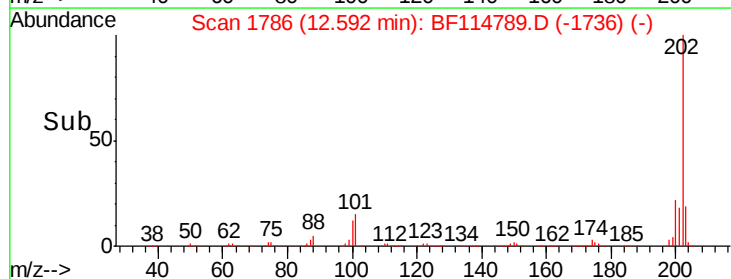
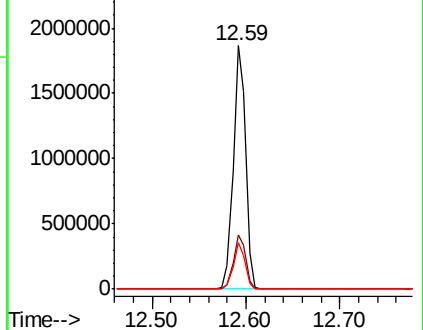
203 19.0 15.9 23.9

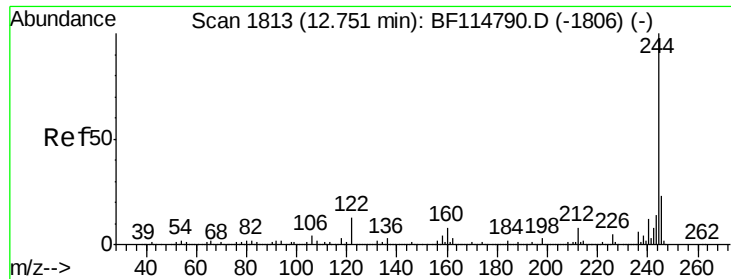


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

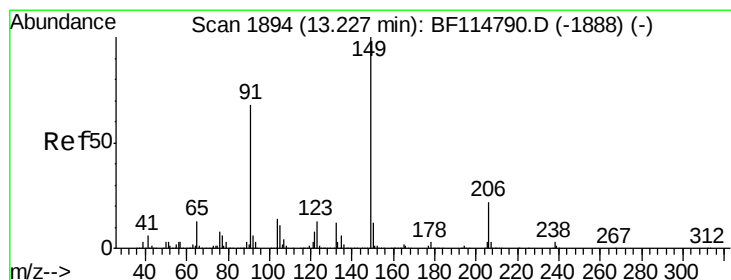
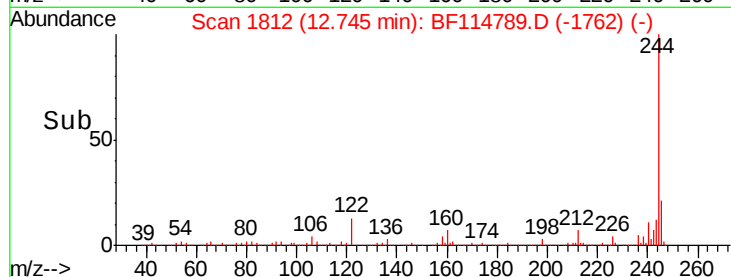
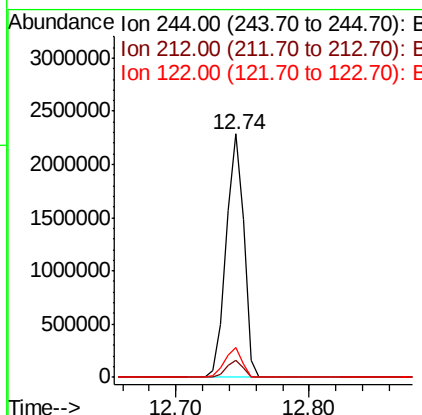
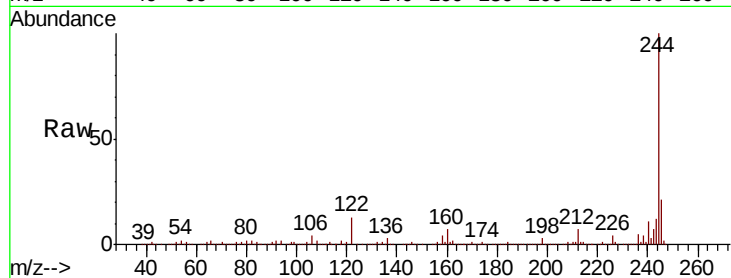




#79
 Terphenyl-d14
 Concen: 40.587 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

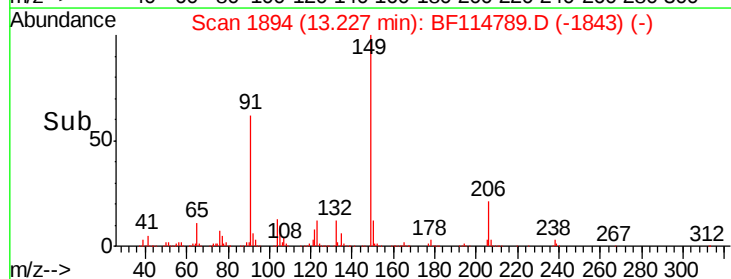
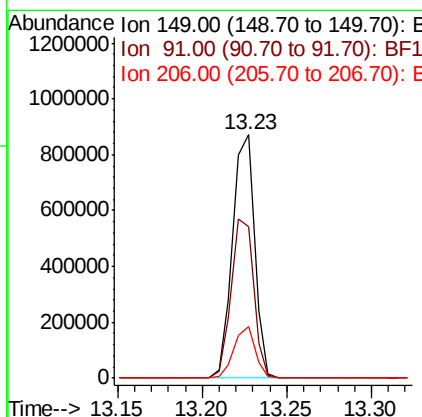
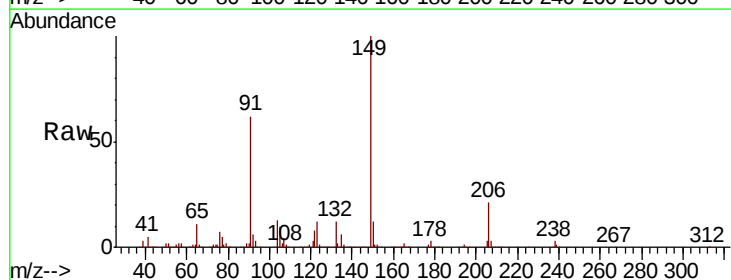
Instrument :
 BNA_F
 ClientSampleId :

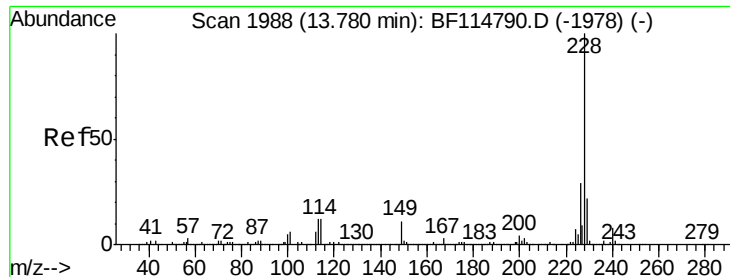
Tot Ion:244 Resp: 2144833
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 12.5 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 18.752 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BF114789.D
 Acq: 4 Jun 2019 11:52

Tgt Ion:149 Resp: 789079
 Ion Ratio Lower Upper
 149 100
 91 62.4 54.6 82.0
 206 21.2 17.2 25.8





#81

Benzo(a)anthracene

Concen: 20.385 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

Instrument :

BNA_F

ClientSampleId :

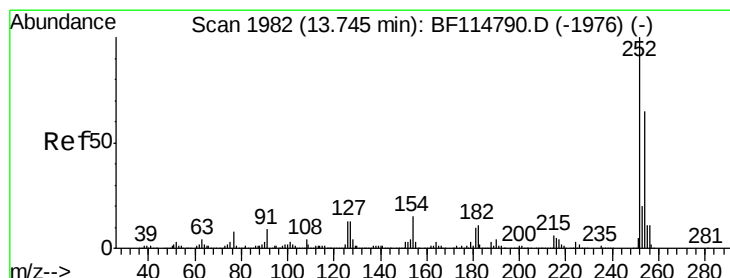
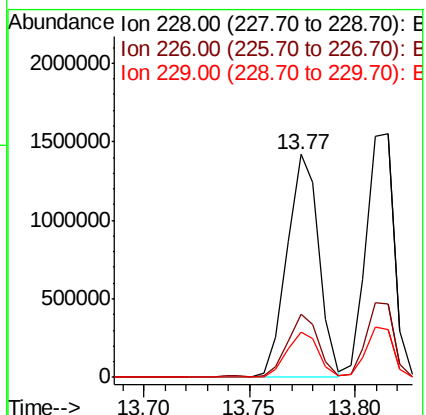
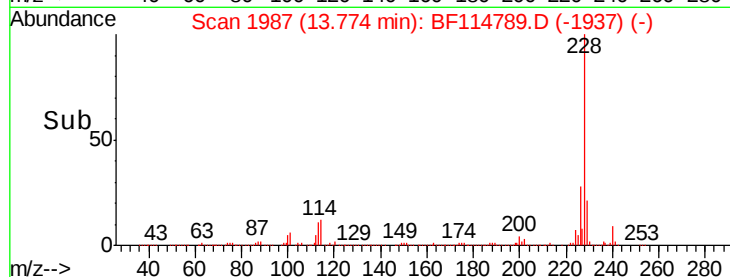
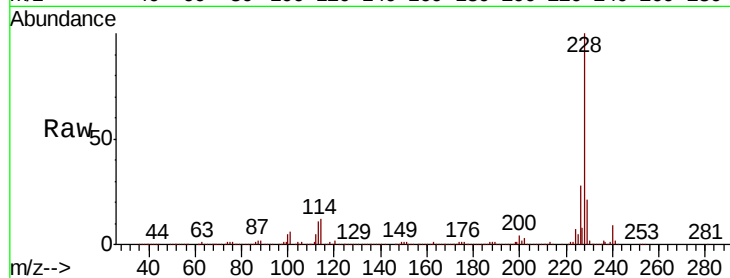
Tot Ion:228 Resp: 1492345

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	20.5	17.4	26.0

228 100

226 28.3 23.4 35.2

229 20.5 17.4 26.0



#82

3,3'-Dichlorobenzidine

Concen: 20.235 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114789.D

Acq: 4 Jun 2019 11:52

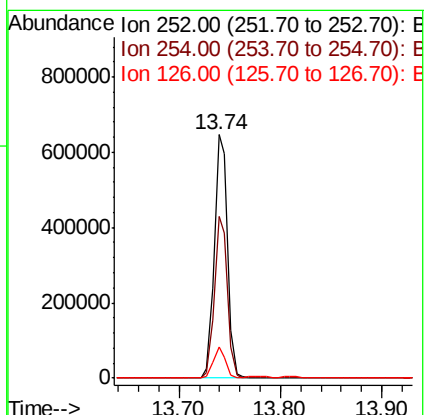
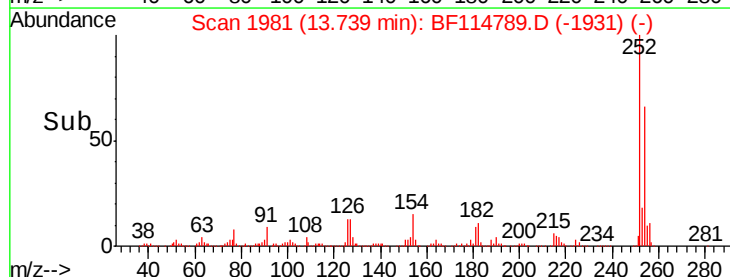
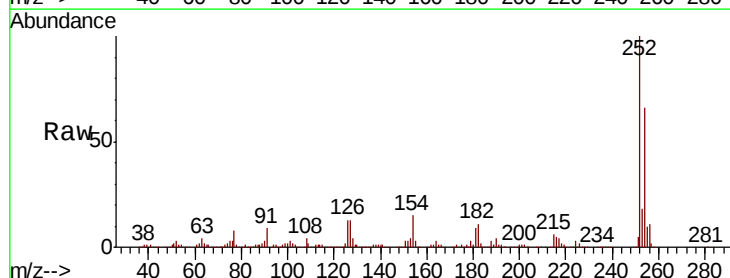
Tgt Ion:252 Resp: 587549

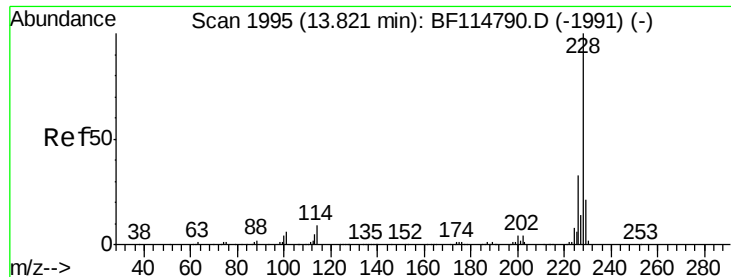
Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.9	77.9
126	13.0	10.5	15.7

252 100

254 66.2 51.9 77.9

126 13.0 10.5 15.7

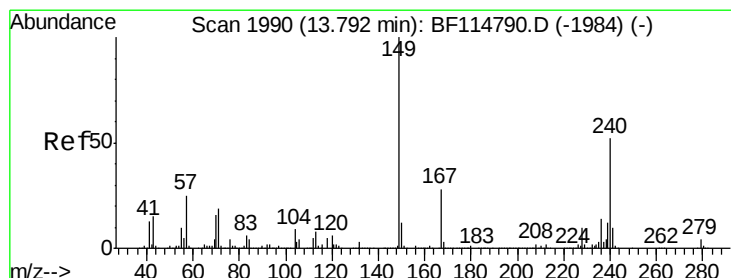
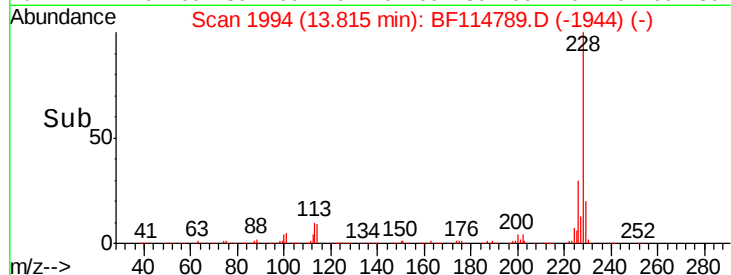
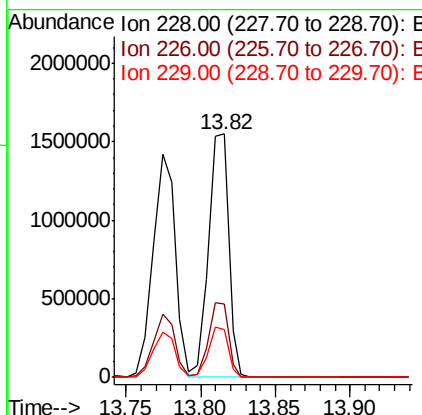
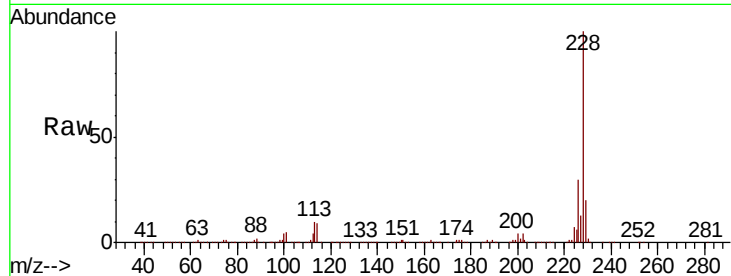




#83
Chrysene
Concen: 20.561 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

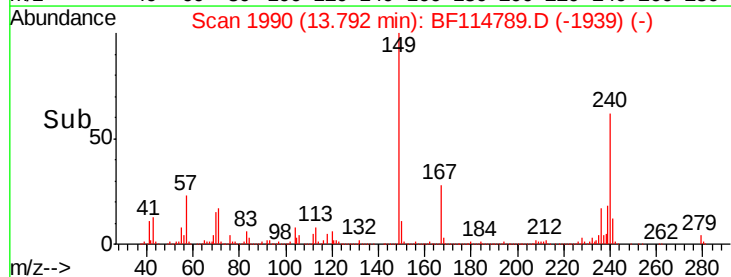
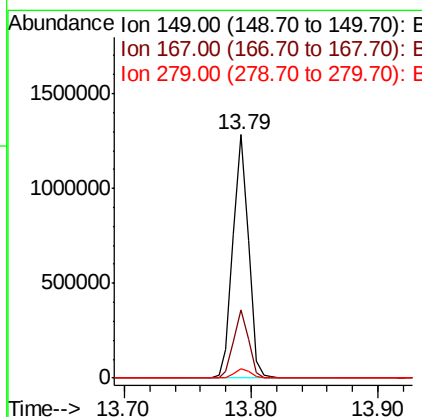
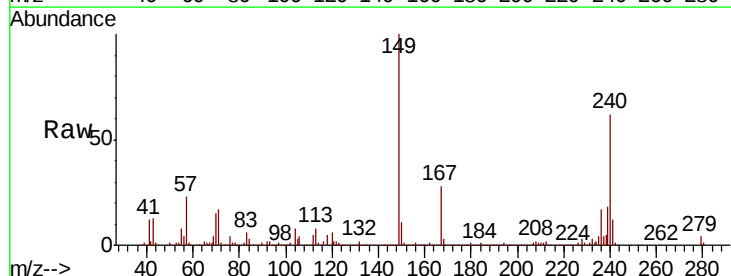
Instrument :
BNA_F
ClientSampleId :

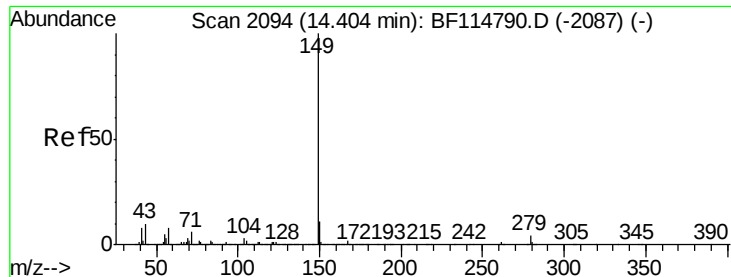
Tot Ion:228 Resp: 1451685
Ion Ratio Lower Upper
228 100
226 30.2 26.0 39.0
229 19.9 17.1 25.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.432 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:149 Resp: 1077426
Ion Ratio Lower Upper
149 100
167 27.8 22.7 34.1
279 3.9 3.1 4.7

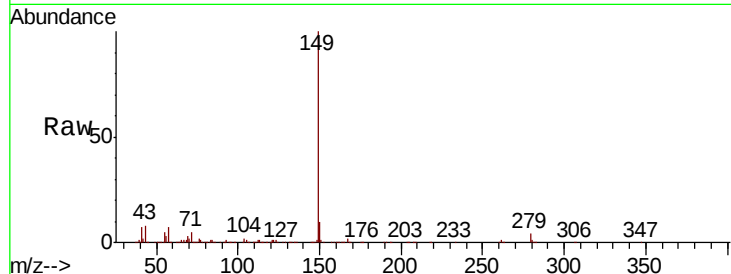




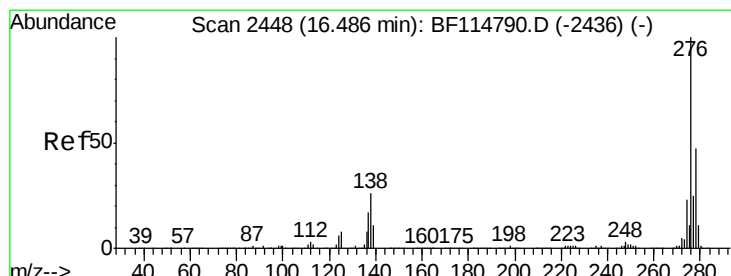
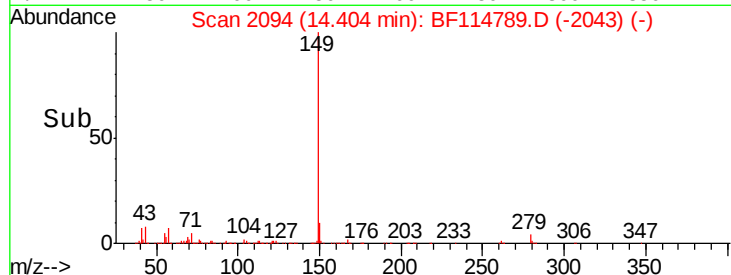
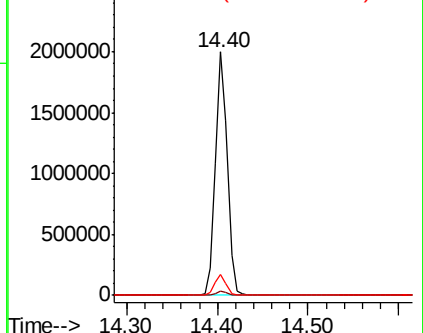
#85
Di-n-octyl phthalate
Concen: 20.289 ng
RT: 14.40 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1817272
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.1 7.0 10.6

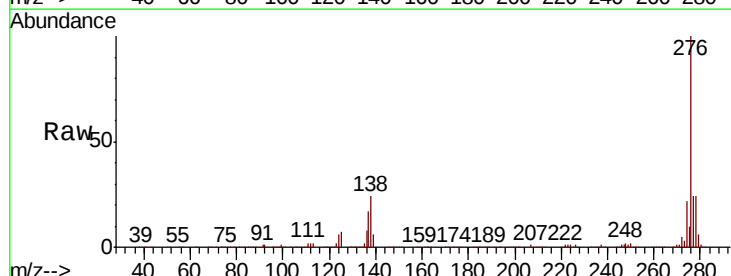


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

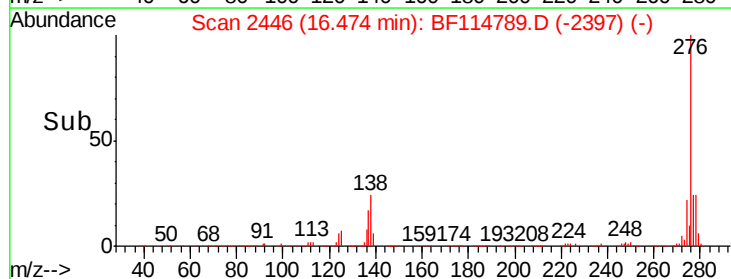
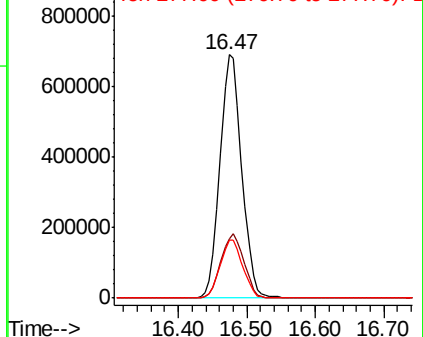


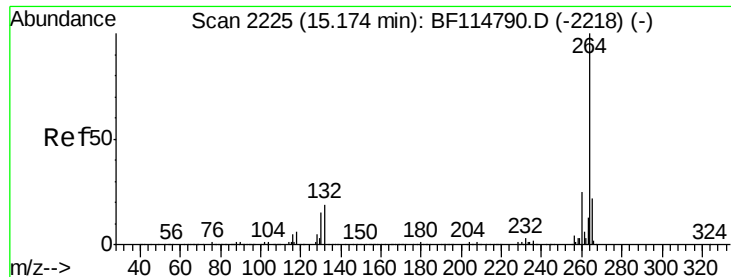
#86
Indeno(1,2,3-cd)pyrene
Concen: 18.273 ng
RT: 16.47 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:276 Resp: 1516384
Ion Ratio Lower Upper
276 100
138 27.8 22.2 33.4
277 24.8 20.6 30.8



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



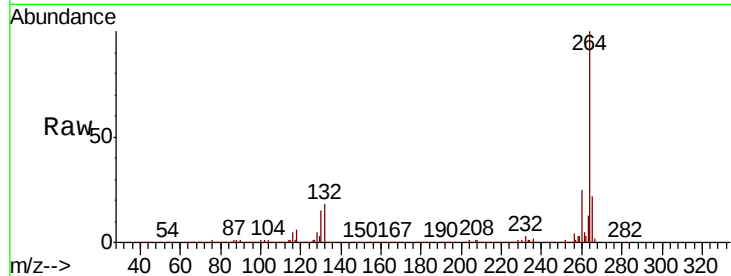


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

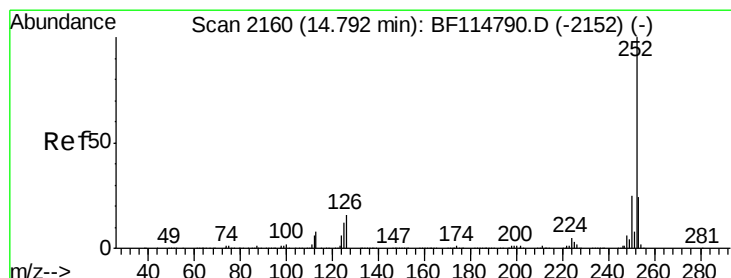
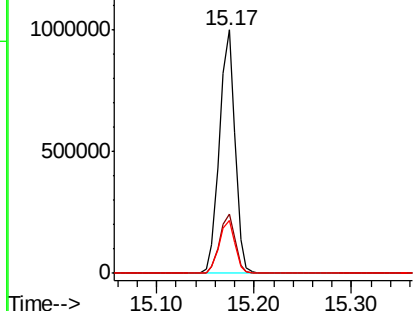
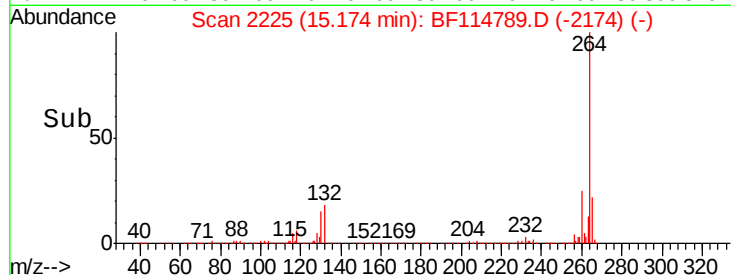
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1114302

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.9	17.7	26.5



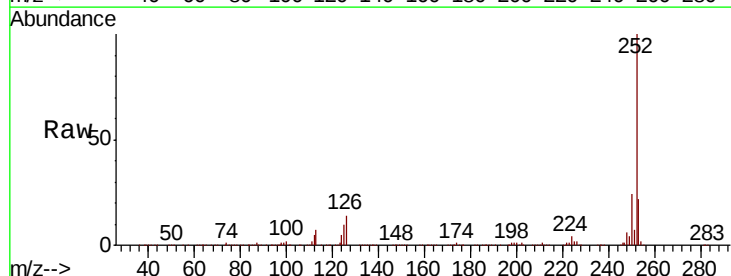
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



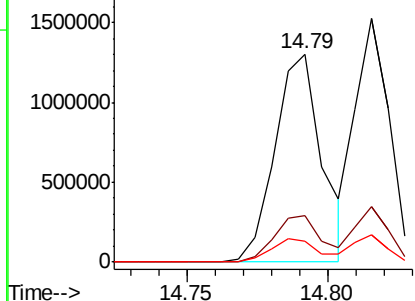
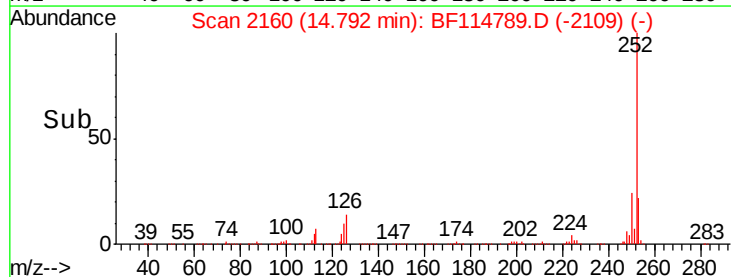
#88
Benzo(b)fluoranthene
Concen: 22.215 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

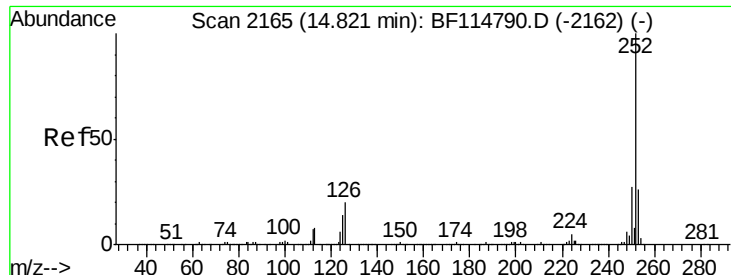
Tgt Ion:252 Resp: 1502909

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.0	28.6
125	10.1	9.4	14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

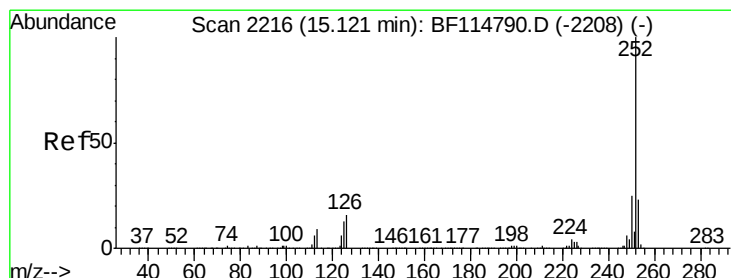
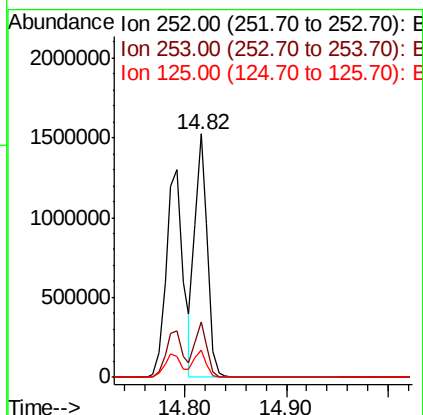
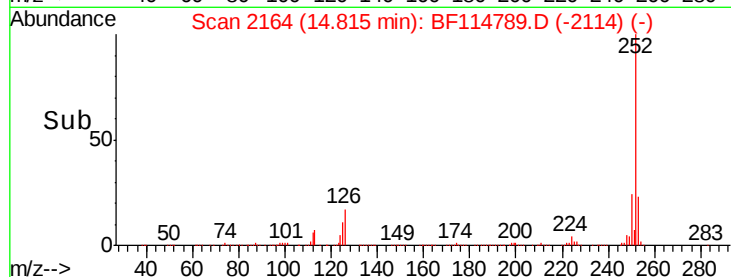
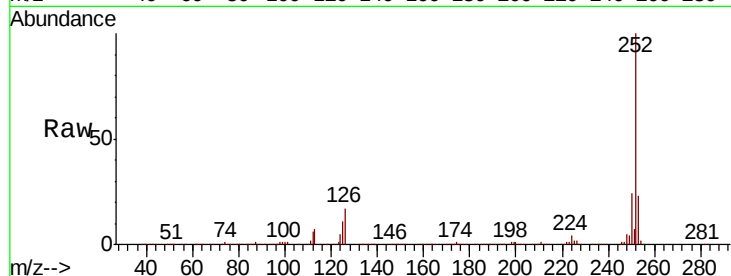




#89
Benzo(k)fluoranthene
Concen: 22.857 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

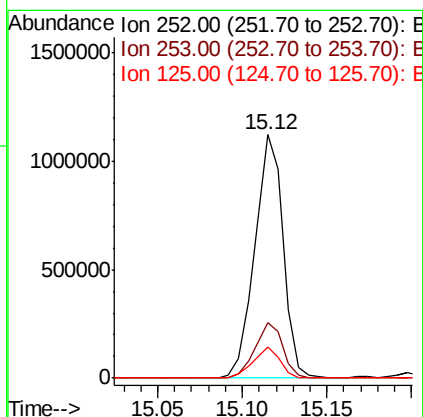
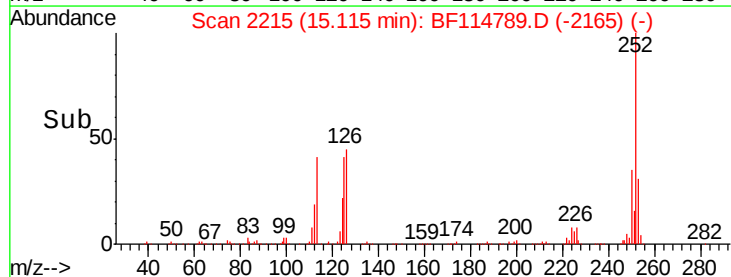
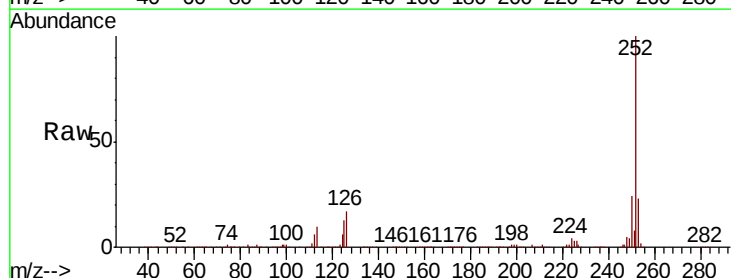
Instrument :
BNA_F
ClientSampleId :

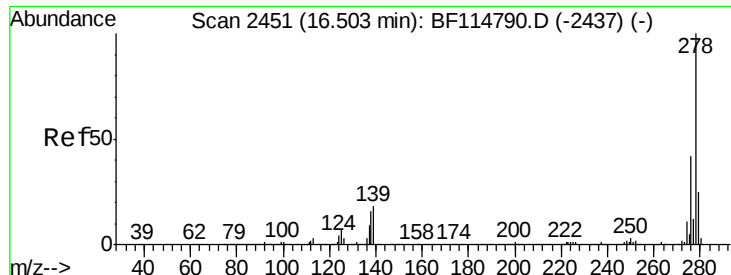
Tot Ion:252 Resp: 1295694
Ion Ratio Lower Upper
252 100
253 23.0 19.3 28.9
125 11.2 10.1 15.1



#90
Benzo(a)pyrene
Concen: 21.983 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:252 Resp: 1309025
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.0 10.1 15.1

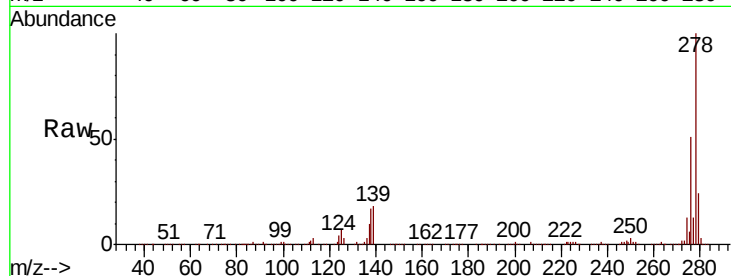




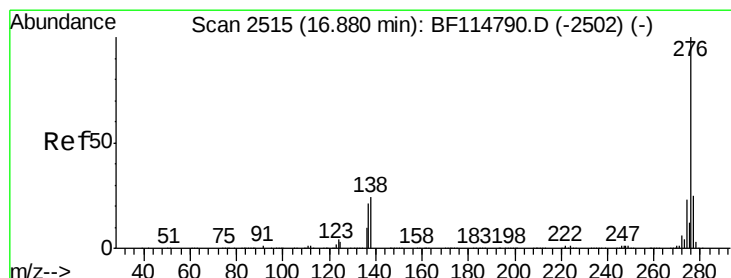
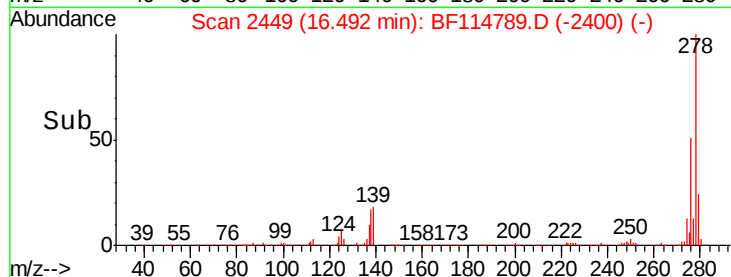
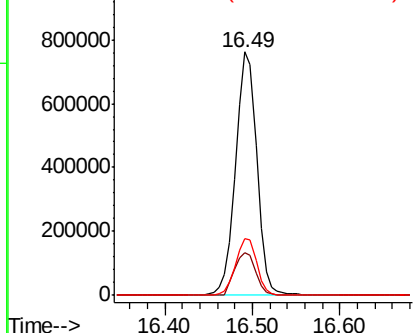
#91
Dibenzo(a,h)anthracene
Concen: 22.159 ng
RT: 16.49 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1252452
Ion Ratio Lower Upper
278 100
139 17.5 14.6 22.0
279 23.6 20.1 30.1

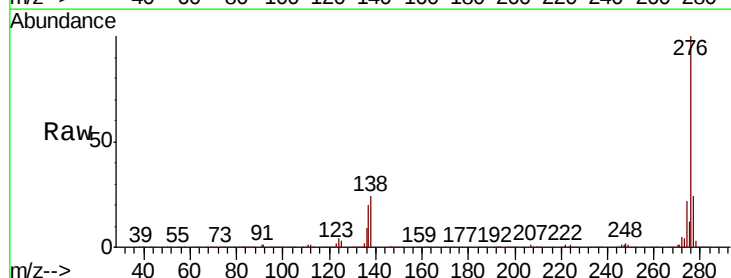


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 21.156 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF114789.D
Acq: 4 Jun 2019 11:52

Tgt Ion:276 Resp: 1209119
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.6
138 24.5 19.4 29.2



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

