

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114618.D
 Acq On : 25 May 2019 21:34
 Operator : JU/SJ
 Sample : PB119929BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:48:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140594	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	528921	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	251579	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	489851	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	348047	20.00	ng	-0.02
87) Perylene-d12	15.43	264	335681	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1121766	128.40	ng	0.00
7) Phenol-d6	6.45	99	1429600	138.35	ng	-0.01
23) Nitrobenzene-d5	7.37	82	859020	91.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	330425	127.04	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1542077	92.72	ng	-0.02
79) Terphenyl-d14	12.90	244	1530041	90.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	209691	43.667	ng	100
3) Pyridine	3.36	79	409869	30.978	ng	100
4) n-Nitrosodimethylamine	3.31	42	217937	34.158	ng	99
6) Aniline	6.47	93	410261	27.486	ng	# 58
8) 2-Chlorophenol	6.59	128	404546	43.375	ng	96
9) Benzaldehyde	6.35	77	196926	27.223	ng	97
10) Phenol	6.46	94	500116	41.143	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	382617	41.462	ng	98
12) 1,3-Dichlorobenzene	6.74	146	423778	40.478	ng	98
13) 1,4-Dichlorobenzene	6.82	146	440549	41.759	ng	98
14) 1,2-Dichlorobenzene	6.97	146	401160	41.621	ng	99
15) Benzyl Alcohol	6.95	79	318950	39.576	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	683451	38.196	ng	59
17) 2-Methylphenol	7.07	107	320781	41.869	ng	# 90
18) Hexachloroethane	7.30	117	159800	40.354	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	274191	41.864	ng	100
20) 3+4-Methylphenols	7.22	107	420057	47.454	ng	# 69
22) Acetophenone	7.21	105	544662	46.484	ng	# 87
24) Nitrobenzene	7.39	77	423266	44.094	ng	96
25) Isophorone	7.62	82	754718	43.178	ng	99
26) 2-Nitrophenol	7.70	139	216788	46.549	ng	97
27) 2,4-Dimethylphenol	7.75	122	351130	48.004	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	481306	42.439	ng	99
29) 2,4-Dichlorophenol	7.96	162	336734	46.232	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	357225	43.131	ng	97
31) Naphthalene	8.10	128	1142616	46.247	ng	99
32) Benzoic acid	7.90	122	187790	37.760	ng	97
33) 4-Chloroaniline	8.16	127	295973	26.288	ng	99
34) Hexachlorobutadiene	8.22	225	196660	41.731	ng	99
35) Caprolactam	8.53	113	58076	24.453	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	348165	47.489	ng	98
37) 2-Methylnaphthalene	8.80	142	774224	48.569	ng	97
38) 1-Methylnaphthalene	8.90	142	725866	48.354	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	351113	46.073	ng	99

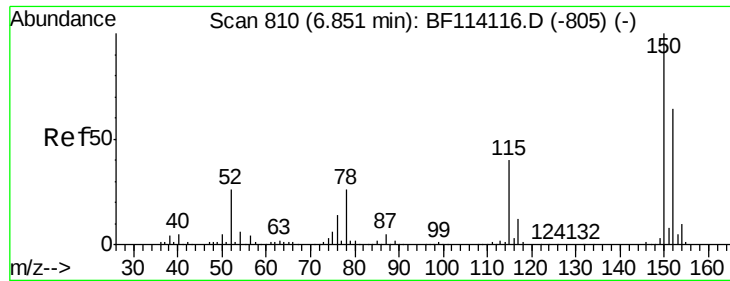
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114618.D
 Acq On : 25 May 2019 21:34
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 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	150390	44.393	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	210519	40.161	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	215754	40.135	ng	95
46) 1,1'-Biphenyl	9.26	154	937562	46.130	ng	98
47) 2-Chloronaphthalene	9.29	162	707103	43.230	ng	99
48) 2-Nitroaniline	9.39	65	236237	40.724	ng	91
49) Acenaphthylene	9.70	152	1120483	45.040	ng	98
50) Dimethylphthalate	9.56	163	783070	42.401	ng	100
51) 2,6-Dinitrotoluene	9.63	165	179359	43.786	ng	98
52) Acenaphthene	9.87	154	653875	42.832	ng	99
53) 3-Nitroaniline	9.80	138	138371	27.212	ng	95
54) 2,4-Dinitrophenol	9.93	184	143001	70.318	ng	92
55) Dibenzofuran	10.05	168	938162	41.910	ng	100
56) 4-Nitrophenol	9.99	139	175117	48.698	ng	99
57) 2,4-Dinitrotoluene	10.05	165	220648	39.686	ng	# 79
58) Fluorene	10.39	166	780954	45.166	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	180972	39.016	ng	99
60) Diethylphthalate	10.26	149	781168	41.629	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	369457	43.505	ng	96
62) 4-Nitroaniline	10.42	138	189985	35.556	ng	97
63) Azobenzene	10.54	77	763568	42.039	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	99120	42.111	ng	99
66) n-Nitrosodiphenylamine	10.50	169	683184	45.953	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	227113	42.109	ng	97
68) Hexachlorobenzene	10.95	284	247730	41.519	ng	92
69) Atrazine	11.02	200	198177	42.835	ng	99
70) Pentachlorophenol	11.15	266	148070	52.351	ng	98
71) Phenanthrene	11.35	178	1094630	45.931	ng	99
72) Anthracene	11.40	178	1127546	47.105	ng	98
73) Carbazole	11.56	167	1062317	46.539	ng	98
74) Di-n-butylphthalate	11.88	149	1195538	45.462	ng	99
75) Fluoranthene	12.54	202	1184493	46.154	ng	99
77) Benzidine	12.66	184	577412	36.958	ng	98
78) Pyrene	12.77	202	1189030	42.467	ng	99
80) Butylbenzylphthalate	13.37	149	522111	44.303	ng	98
81) Benzo(a)anthracene	13.96	228	985106	43.760	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	293052	33.557	ng	100
83) Chrysene	14.00	228	978424	44.338	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	697884	45.279	ng	100
85) Di-n-octyl phthalate	14.54	149	1155457	46.245	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	902712	46.286	ng	99
88) Benzo(b)fluoranthene	15.00	252	1027821	47.793	ng	99
89) Benzo(k)fluoranthene	15.03	252	857912	43.427	ng	99
90) Benzo(a)pyrene	15.37	252	894306	47.251	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	763064	48.519	ng	100
92) Benzo(g,h,i)perylene	17.33	276	783417	49.706	ng	98

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

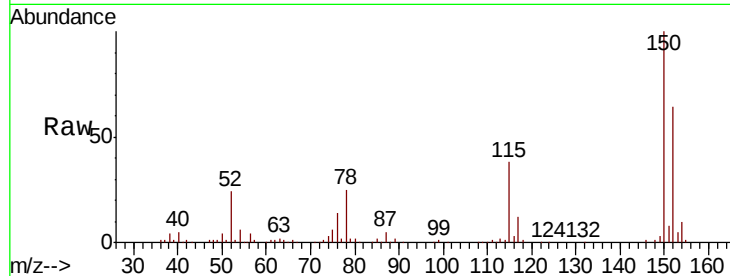


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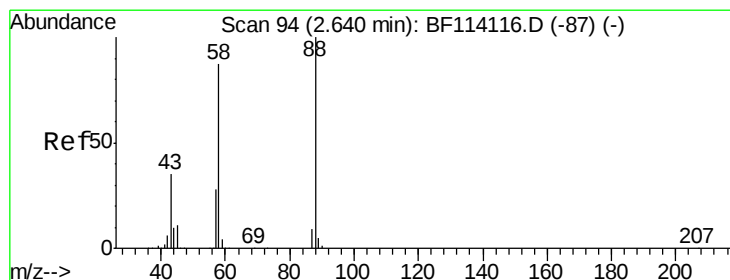
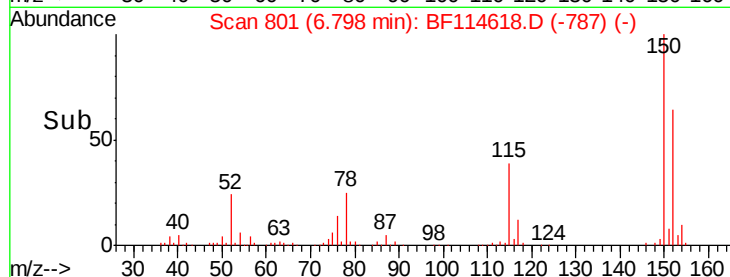
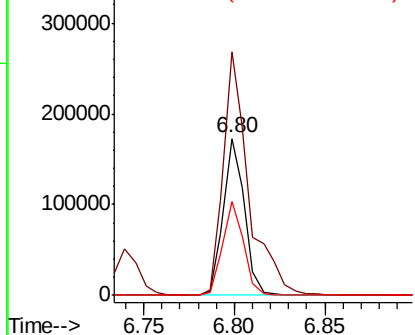
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140594
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 59.8 49.1 73.7



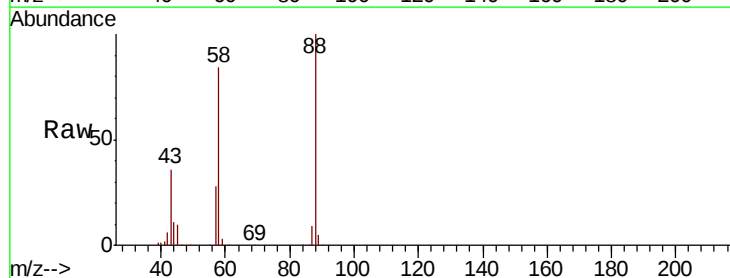
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



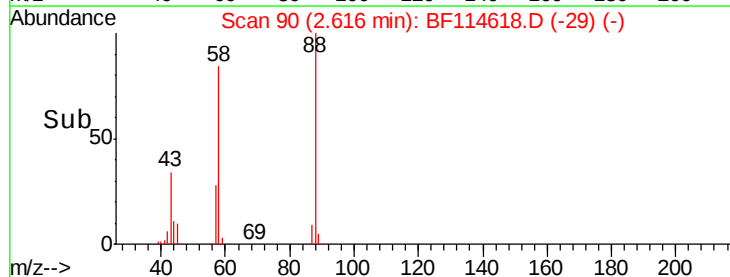
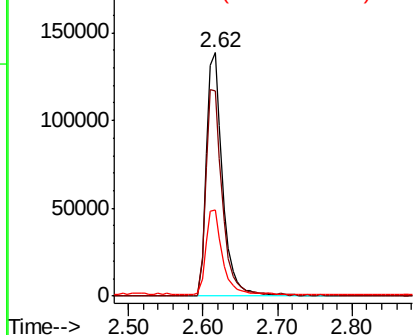
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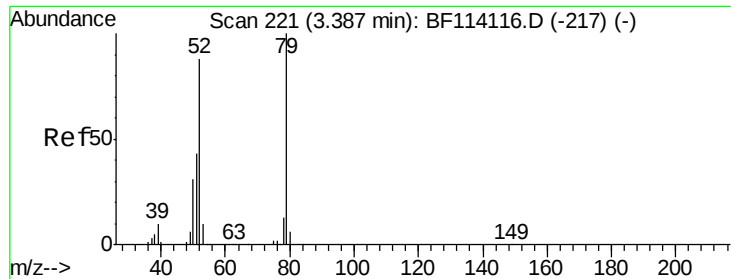
1,4-Dioxane
Concen: 43.667 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.06 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion: 88 Resp: 209691
Ion Ratio Lower Upper
88 100
58 85.9 68.7 103.1
43 35.8 28.2 42.2



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

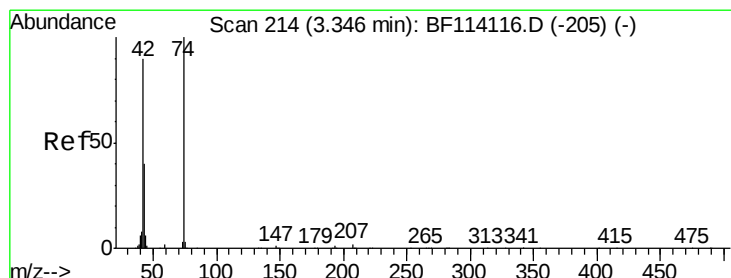
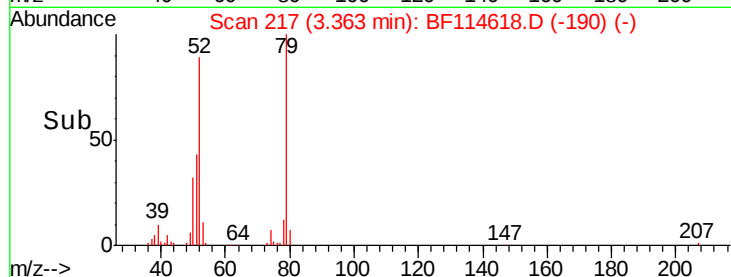
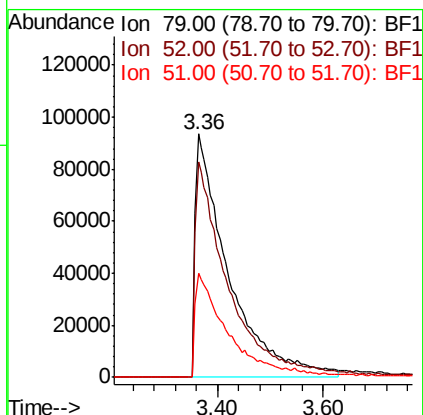
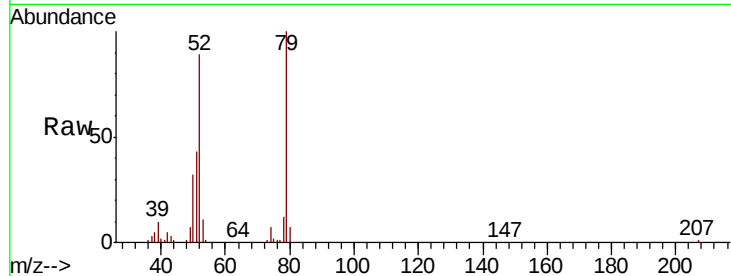




#3
 Pvridine
 Concen: 30.978 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

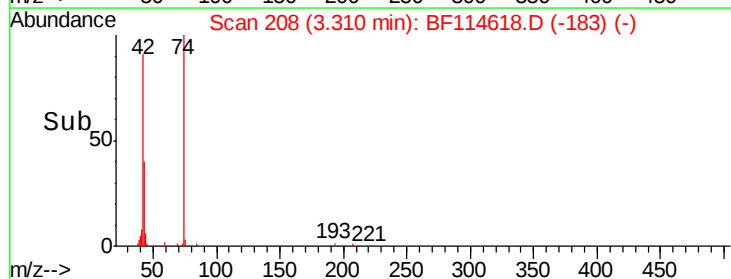
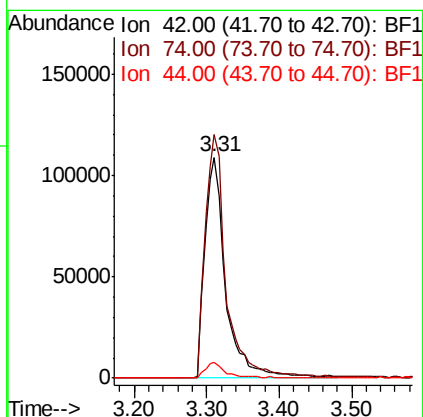
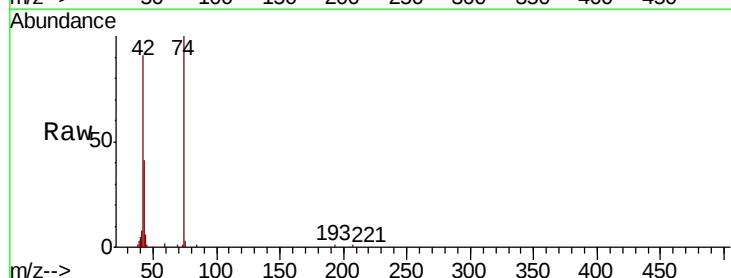
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 409869
 Ion Ratio Lower Upper
 79 100
 52 88.6 70.6 105.8
 51 42.7 34.2 51.2



#4
 n-Nitrosodimethylamine
 Concen: 34.158 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.05 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Tgt Ion: 42 Resp: 217937
 Ion Ratio Lower Upper
 42 100
 74 110.1 88.6 132.8
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 128.399 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampled :

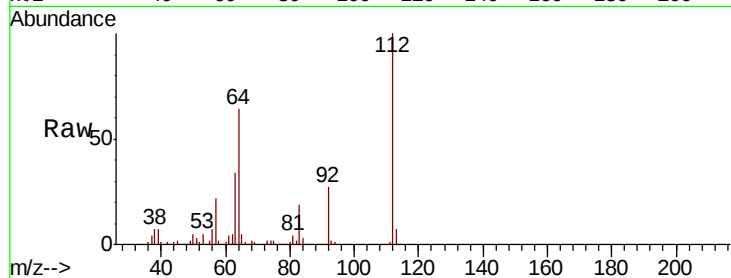
Tot Ion:112 Resp: 1121766

Ion Ratio Lower Upper

112 100

64 64.5 49.0 73.6

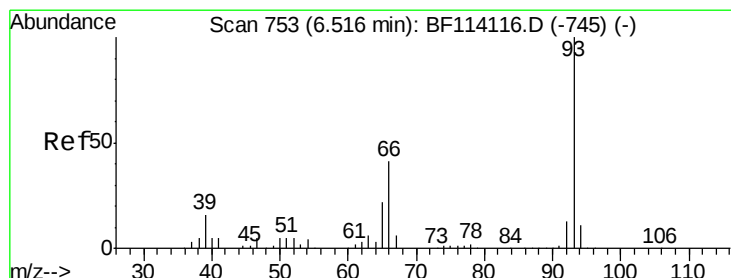
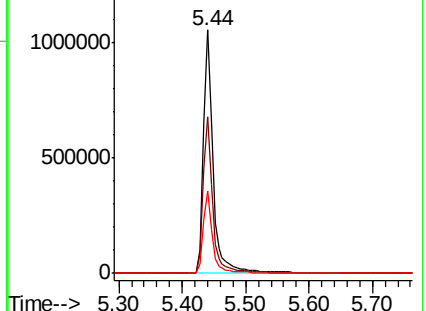
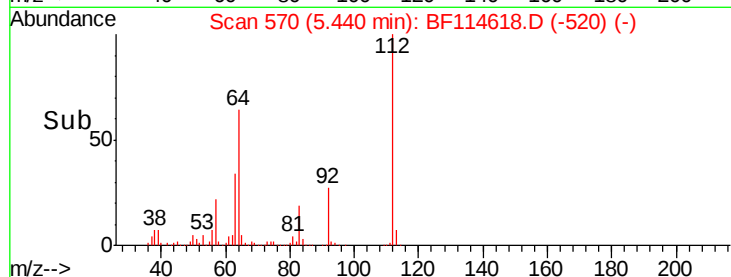
63 33.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.486 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

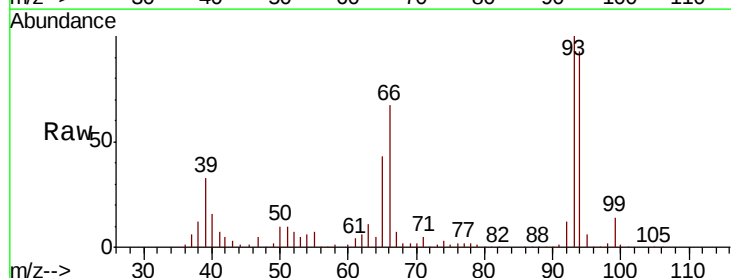
Tgt Ion: 93 Resp: 410261

Ion Ratio Lower Upper

93 100

66 66.9 33.2 49.8#

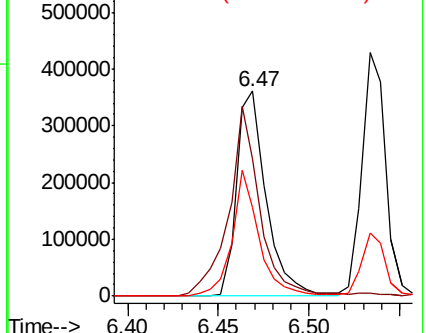
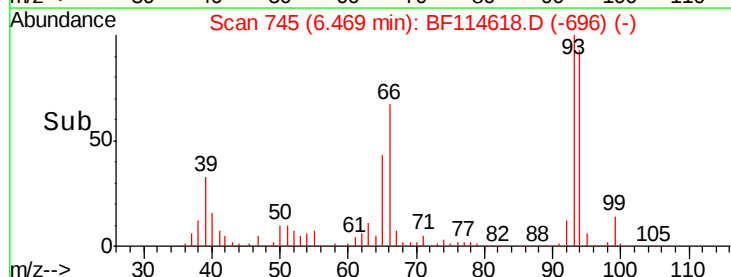
65 43.2 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.353 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

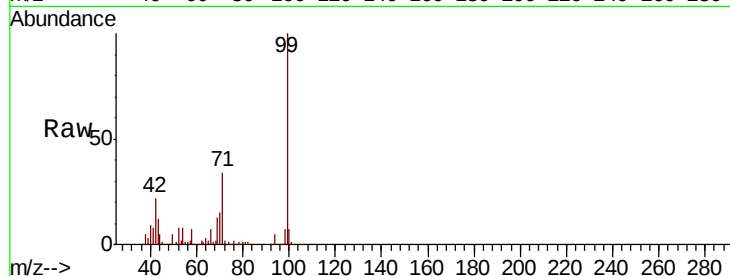
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1429600

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.9	26.9
71	34.4	26.2	39.2

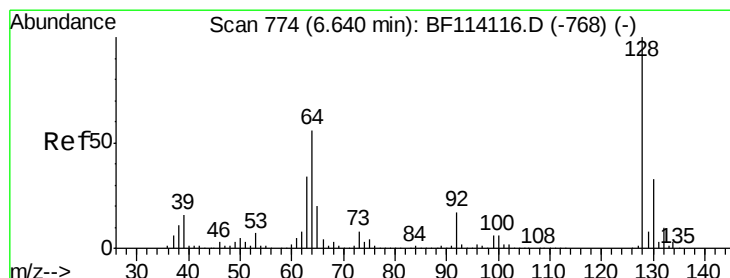
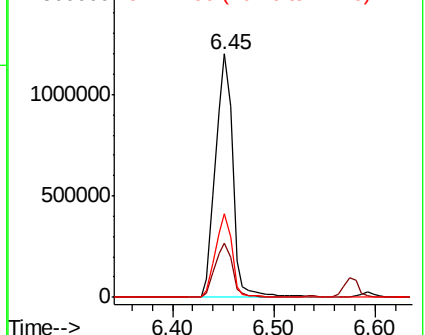
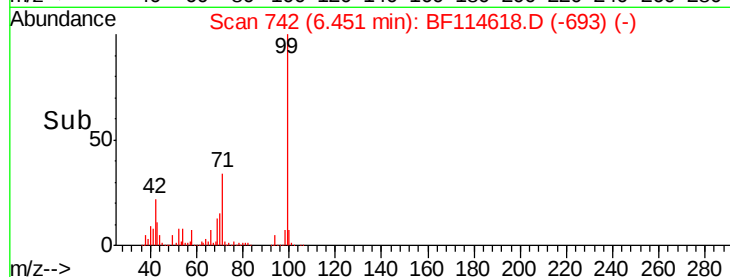


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.375 ng

RT: 6.59 min Scan# 766

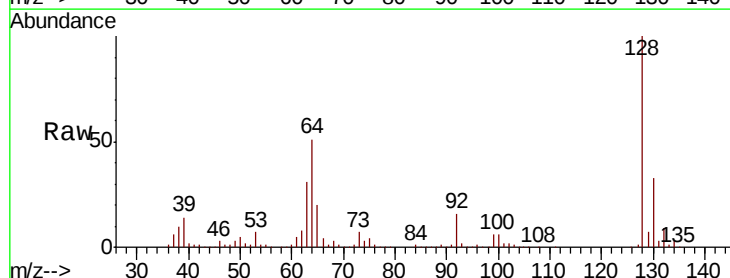
Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Tgt Ion: 128 Resp: 404546

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	51.2	35.9	75.9

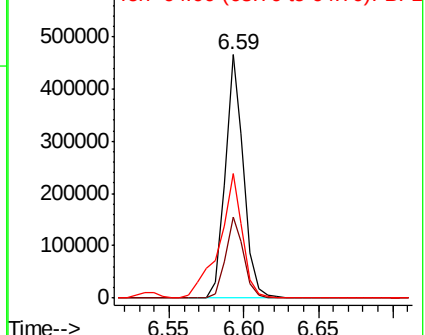
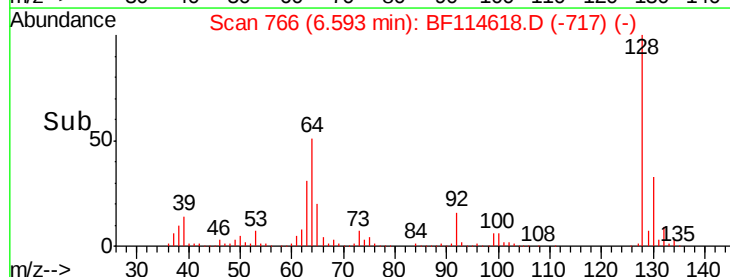


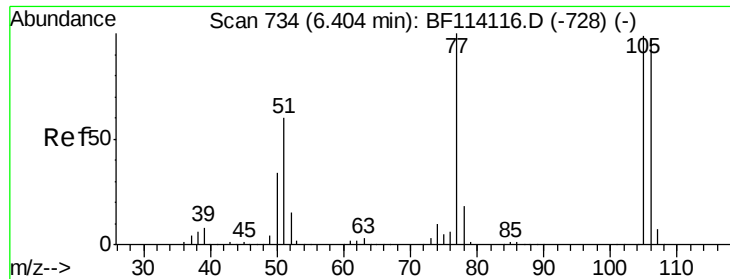
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.223 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampled :

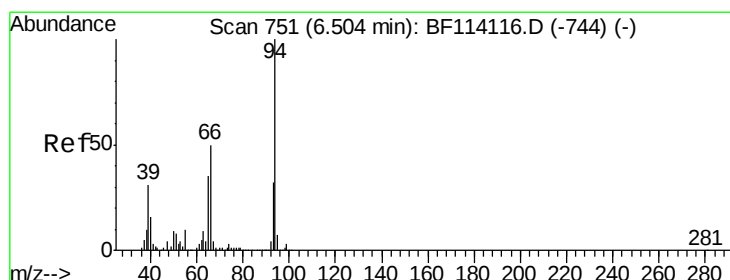
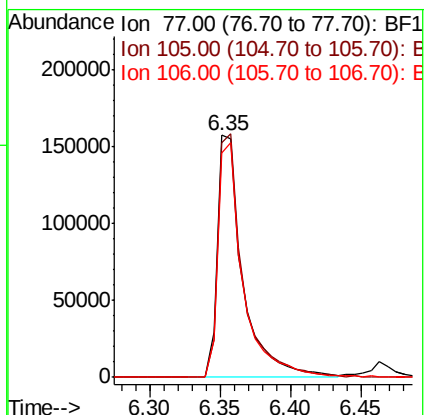
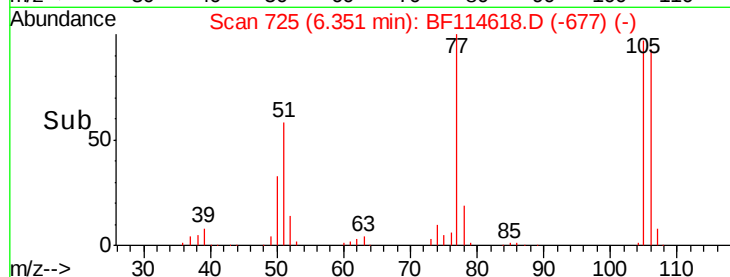
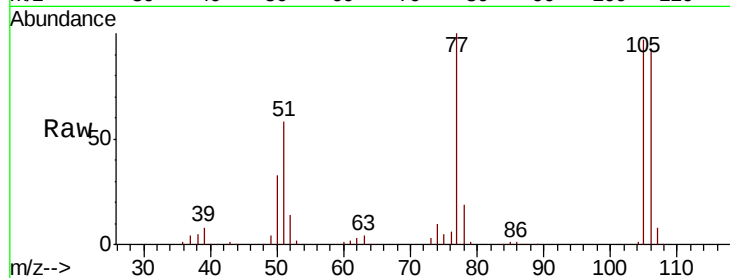
Tot Ion: 77 Resp: 196926

Ion Ratio Lower Upper

77 100

105 96.9 79.3 119.3

106 92.7 77.0 117.0



#10

Phenol

Concen: 41.143 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

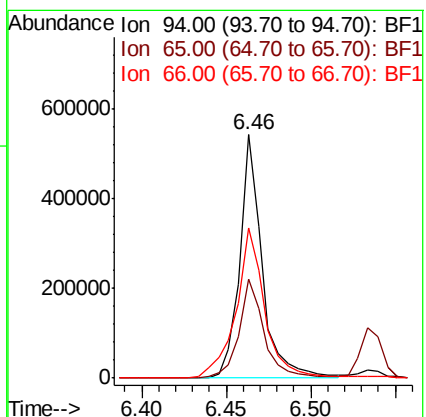
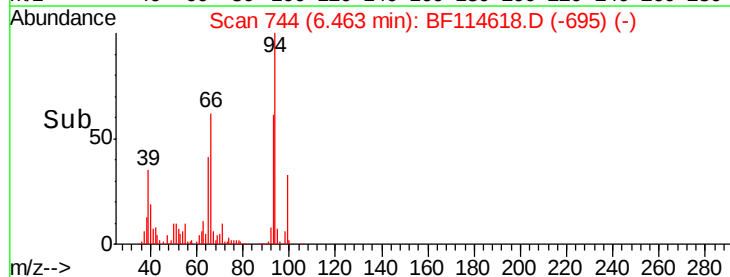
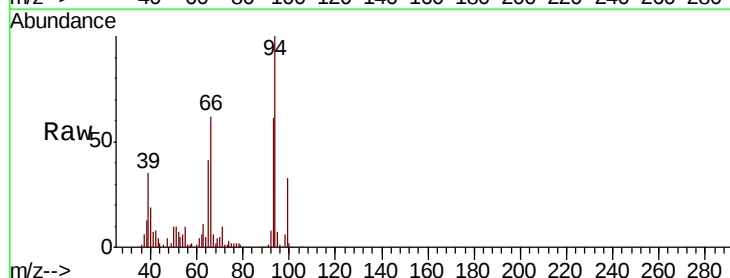
Tgt Ion: 94 Resp: 500116

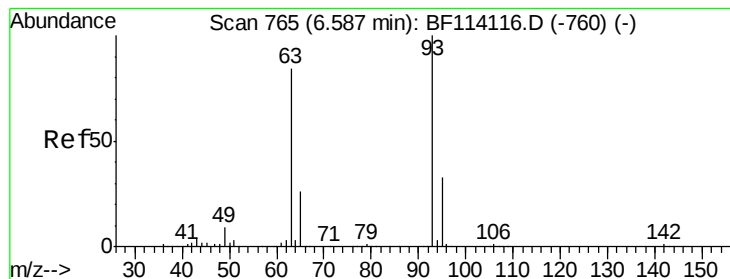
Ion Ratio Lower Upper

94 100

65 40.7 14.7 54.7

66 61.6 29.6 69.6

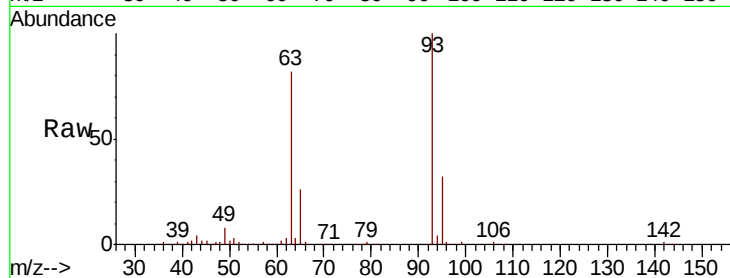




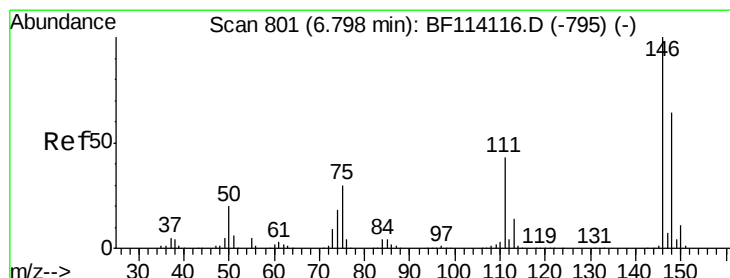
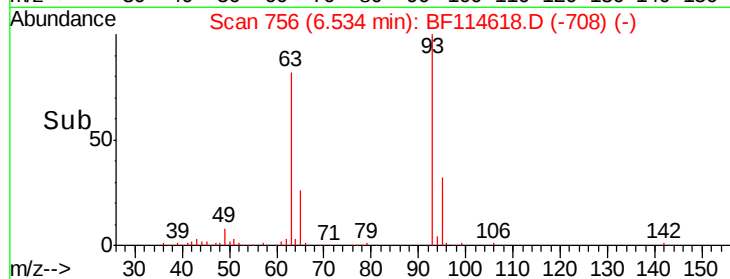
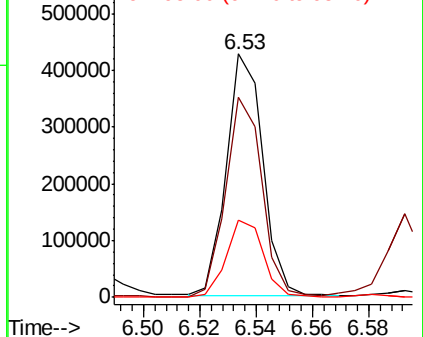
#11
bis(2-Chloroethyl)ether
Concen: 41.462 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 382617
Ion Ratio Lower Upper
93 100
63 82.0 63.6 103.6
95 31.8 13.1 53.1

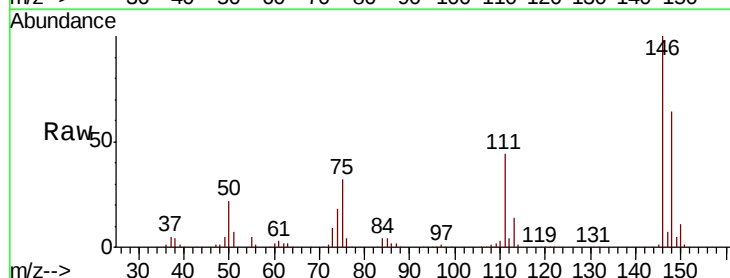


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

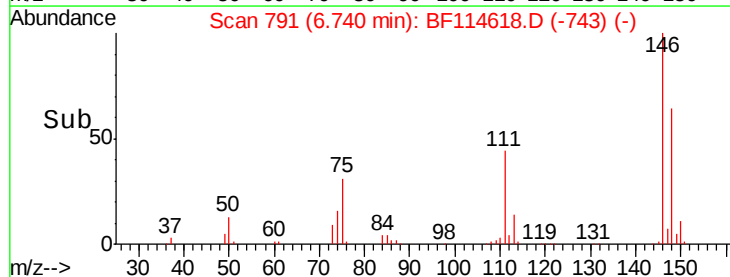
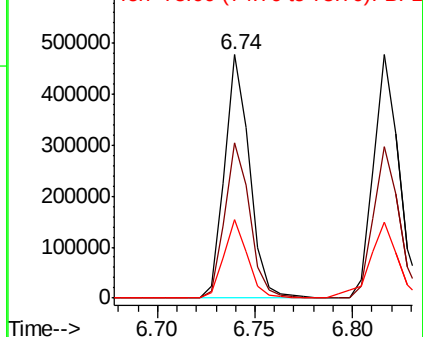


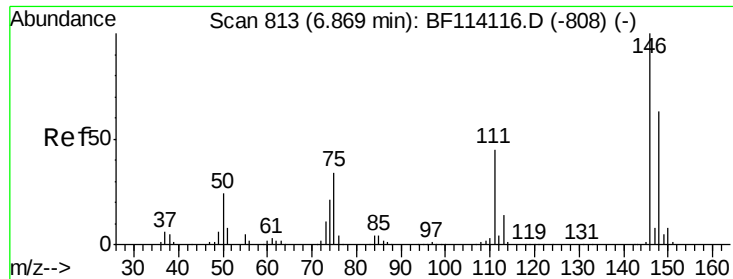
#12
1,3-Dichlorobenzene
Concen: 40.478 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion: 146 Resp: 423778
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
75 32.1 24.2 36.2



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

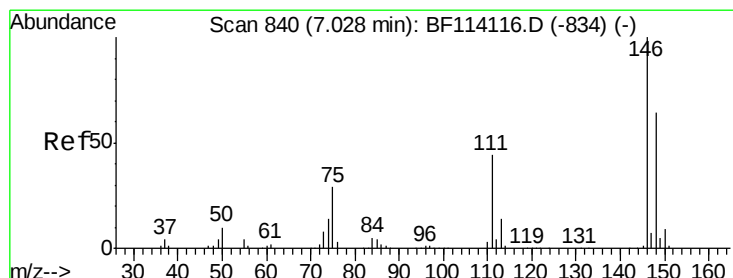
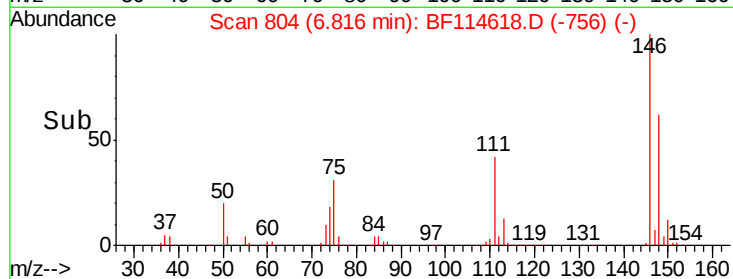
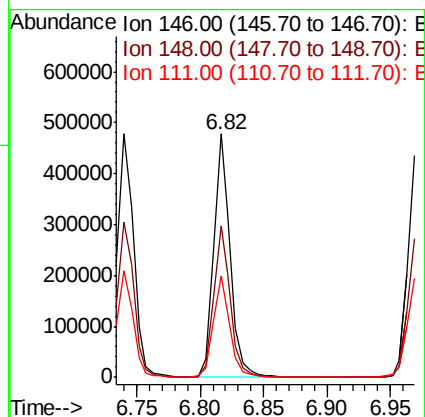
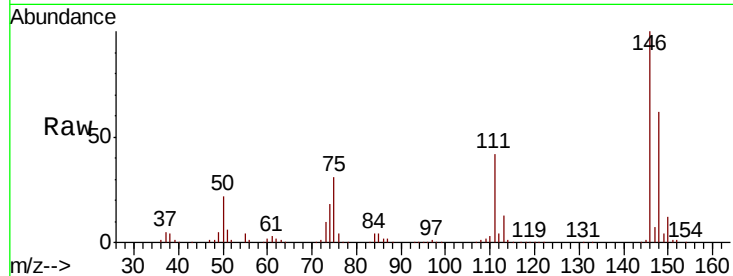




#13
 1,4-Dichlorobenzene
 Concen: 41.759 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

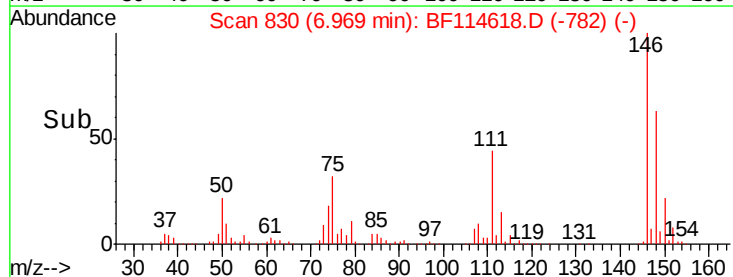
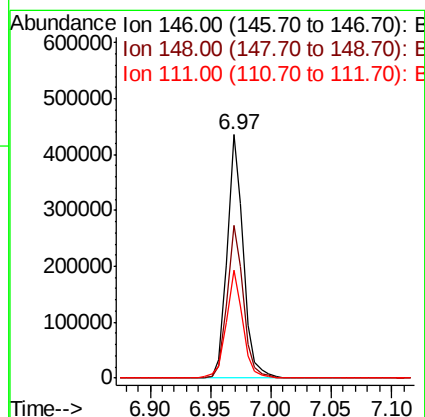
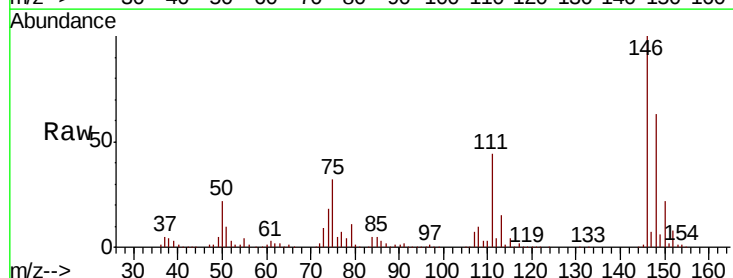
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 440549
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.2 75.2
 111 41.6 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 41.621 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Tgt Ion:146 Resp: 401160
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.1 76.7
 111 44.4 35.3 52.9

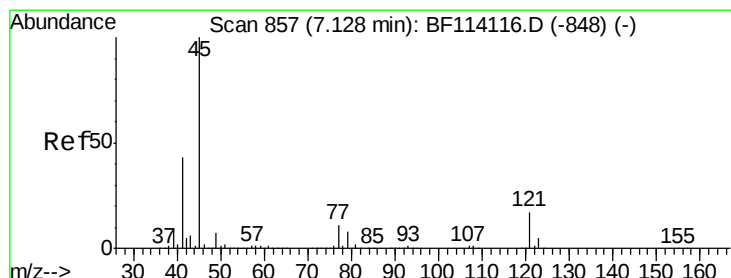
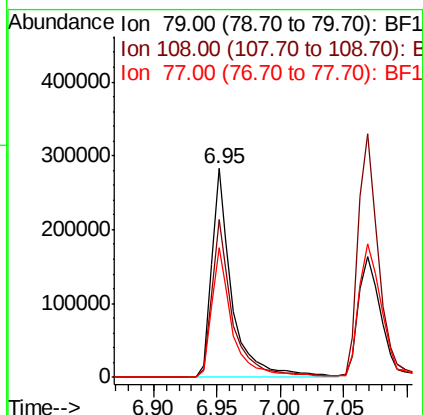
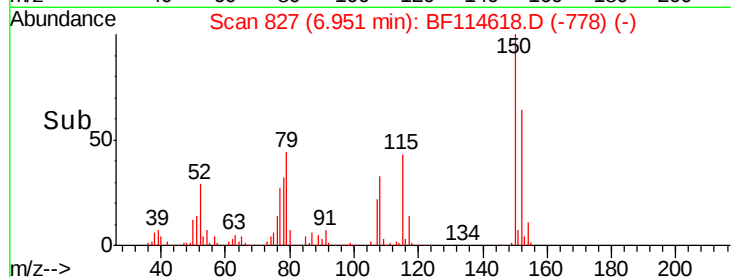
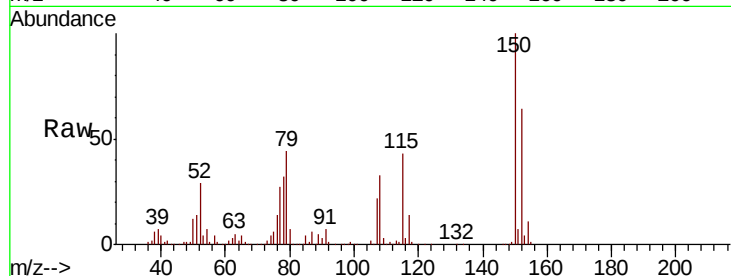




#15
Benzyl Alcohol
Concen: 39.576 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

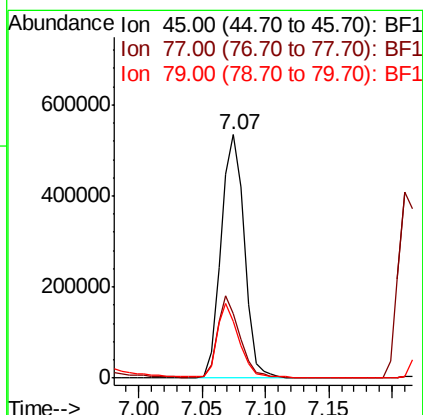
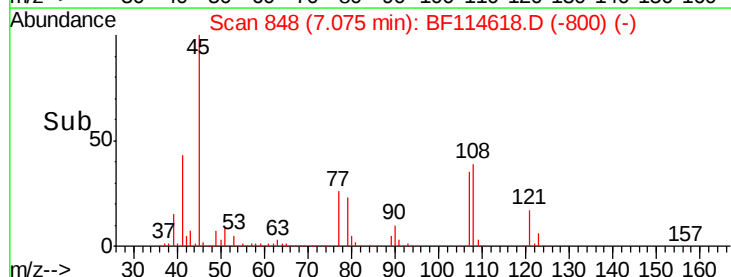
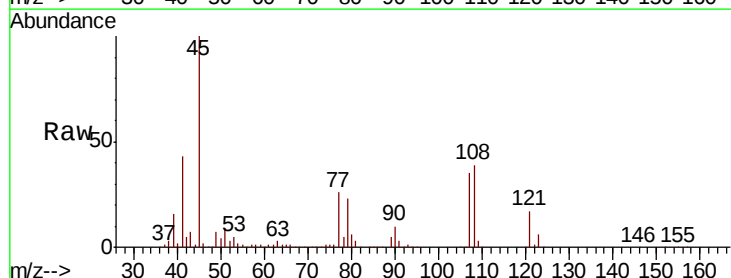
Instrument :
BNA_F
ClientSampled :

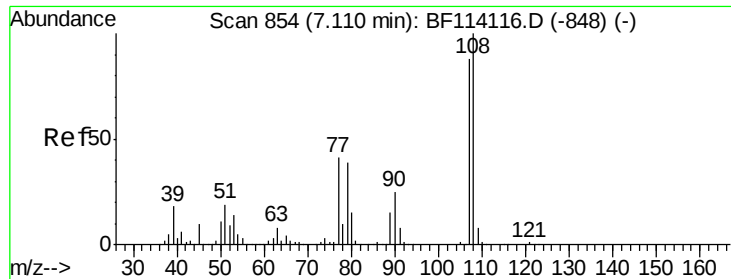
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	62.1	93.1
77	62.4	51.0	76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.196 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.4	0.0	31.1
79	23.3	0.0	28.4

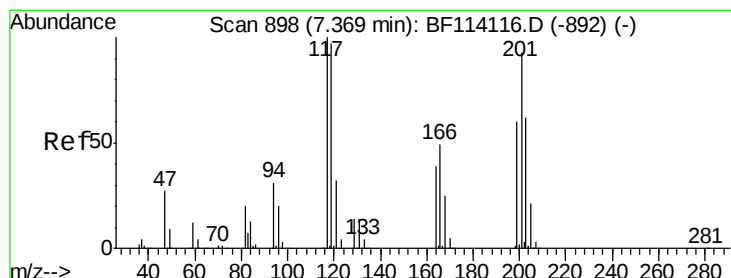
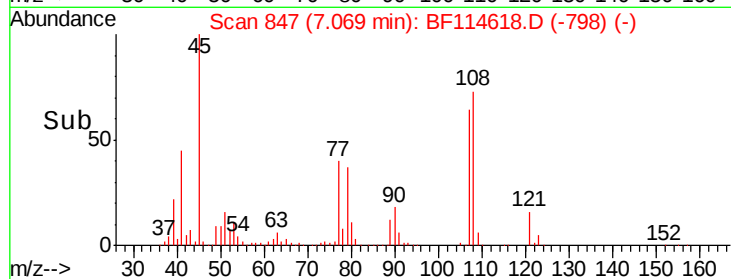
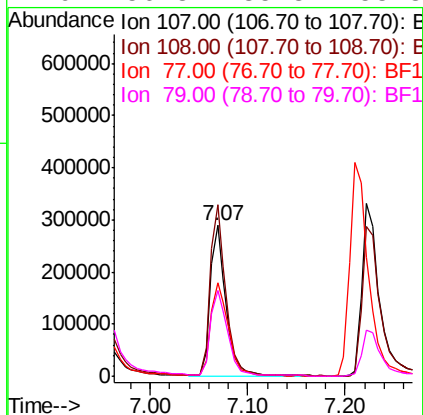
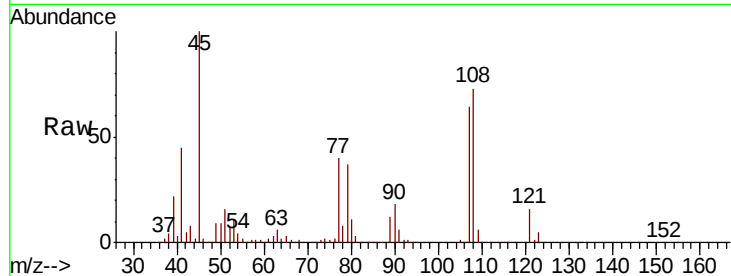




#17
2-Methylphenol
Concen: 41.869 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

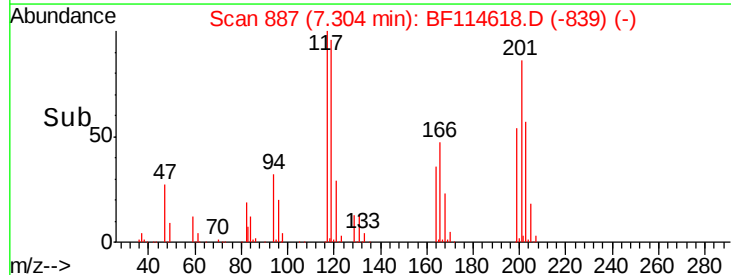
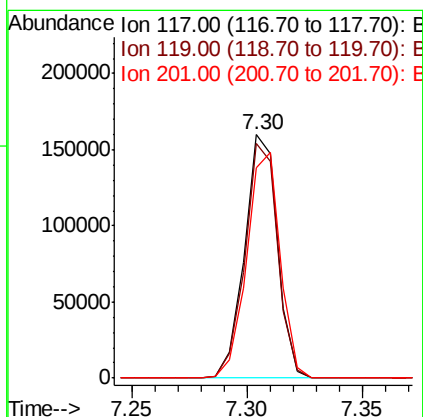
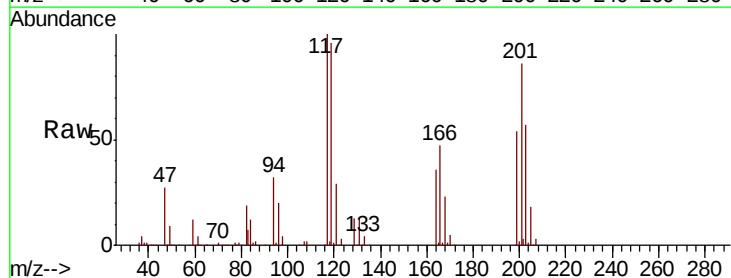
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.5	135.7
77	62.3	37.0	55.4
79	56.8	35.8	53.8



#18
Hexachloroethane
Concen: 40.354 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
201	86.2	74.5	111.7

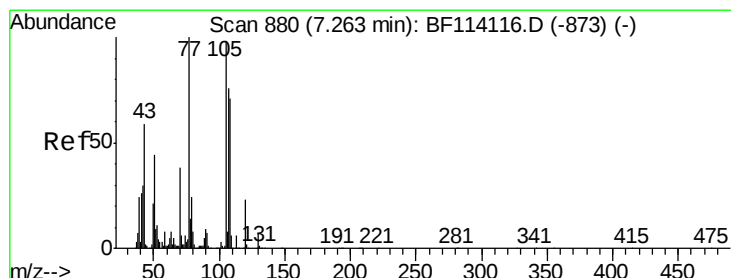
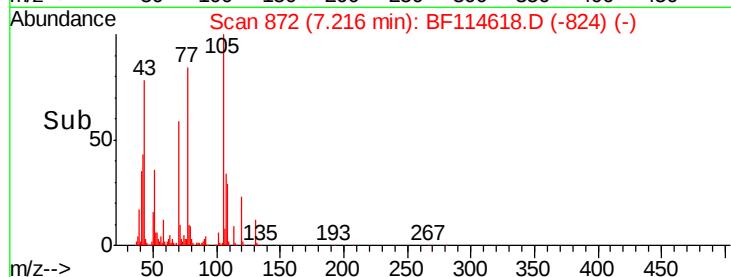
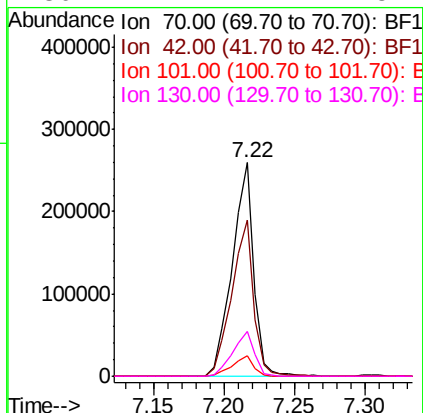
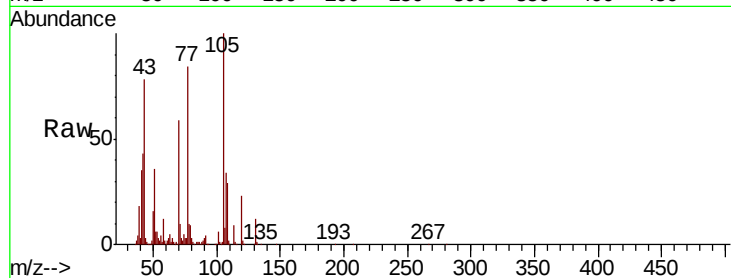




#19
n-Nitroso-di-n-propylamine
Concen: 41.864 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

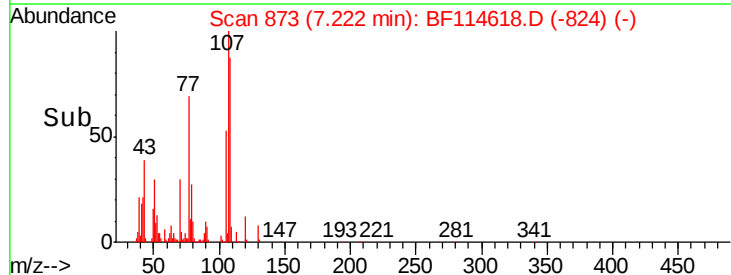
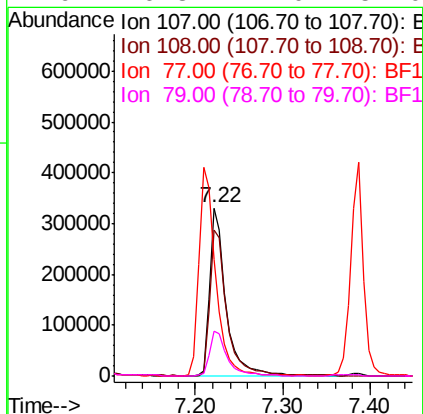
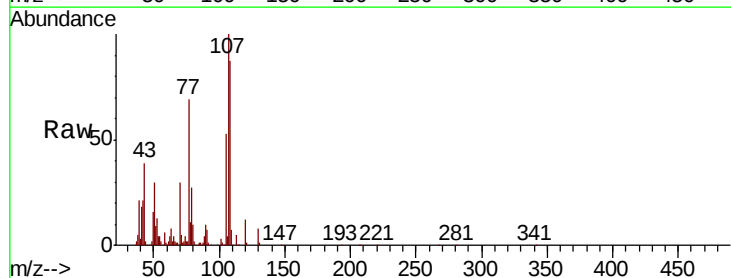
Instrument :
BNA_F
ClientSampleId :

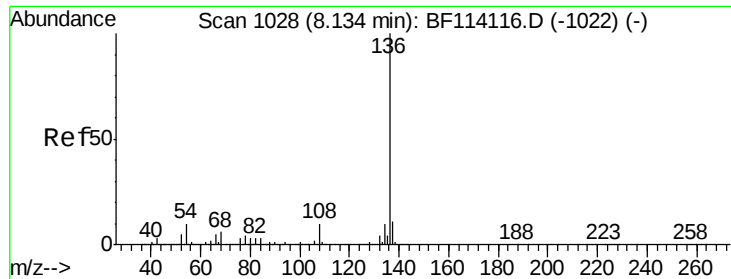
Tot Ion:	70	Resp:	274191
Ion	Ratio	Lower	Upper
70	100		
42	73.0	58.6	87.8
101	9.7	7.8	11.8
130	21.2	17.1	25.7



#20
3+4-Methylphenols
Concen: 47.454 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:	107	Resp:	420057
Ion	Ratio	Lower	Upper
107	100		
108	86.7	73.8	113.8
77	69.4	111.5	151.5#
79	26.8	12.0	52.0

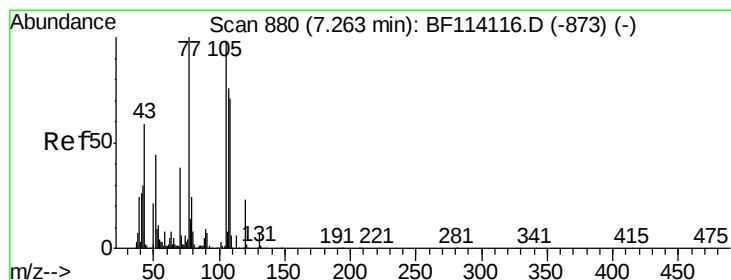
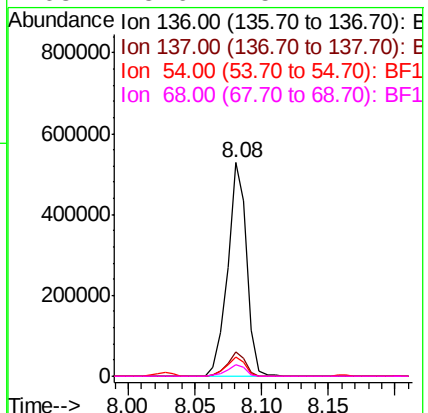
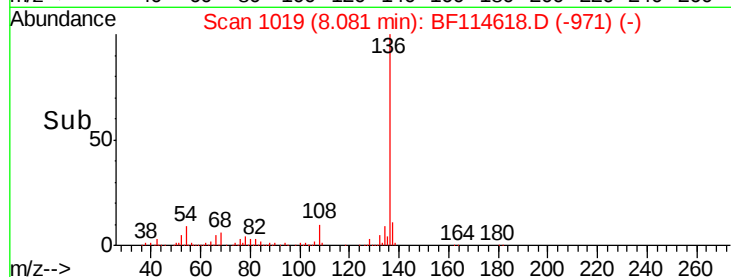
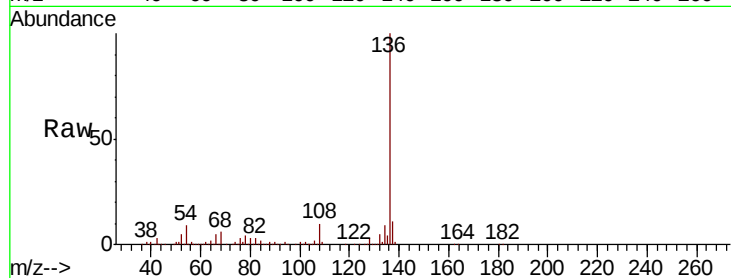




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

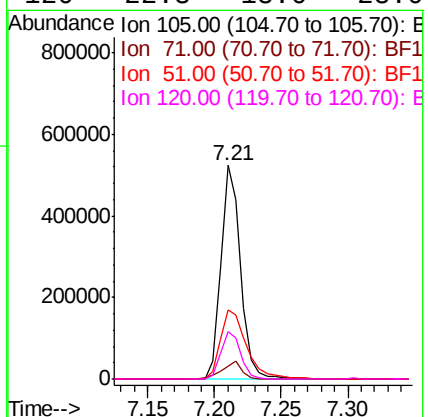
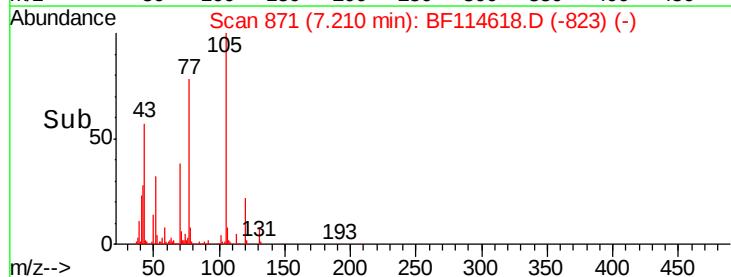
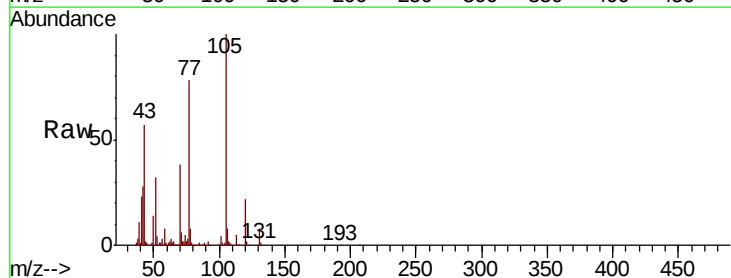
Instrument :
BNA_F
ClientSampleId :

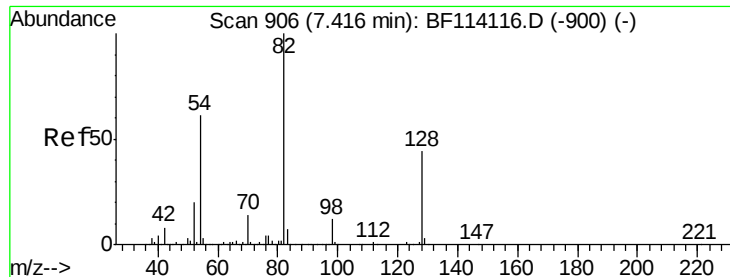
Tot Ion:136	Resp: 528921
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 9.1	7.8 11.8
68 5.6	5.1 7.7



#22
Acetophenone
Concen: 46.484 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:105	Resp: 544662
Ion Ratio	Lower Upper
105 100	
71 6.2	5.3 7.9
51 32.4	36.2 54.4#
120 22.3	18.6 28.0

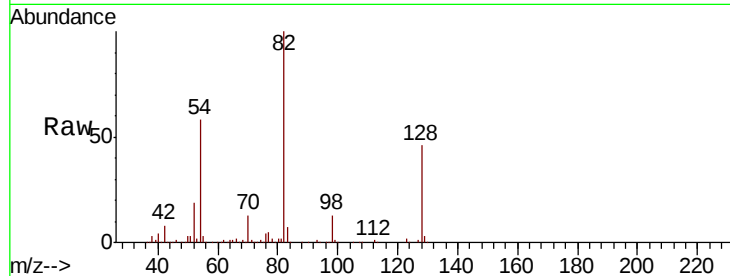




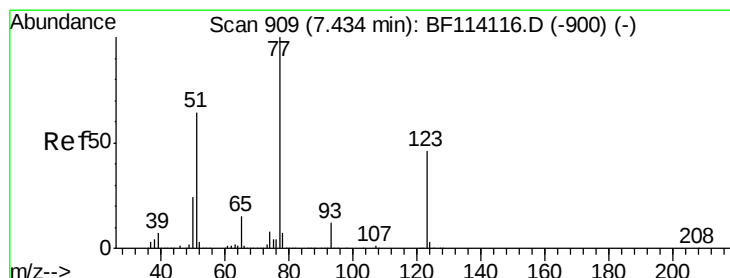
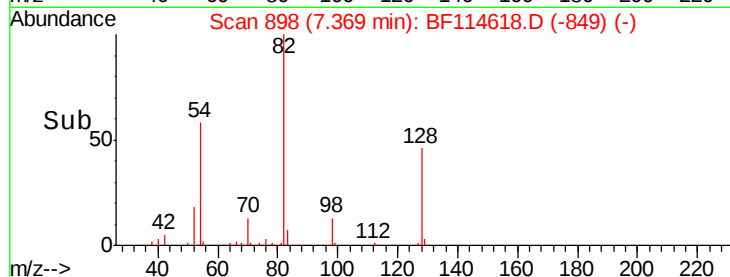
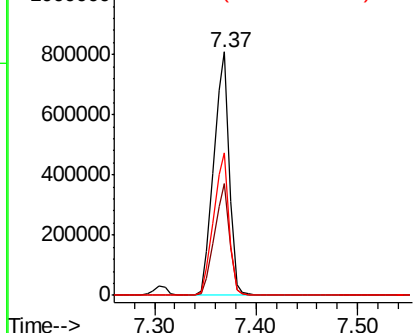
#23
Nitrobenzene-d5
Concen: 91.145 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 859020
Ion Ratio Lower Upper
82 100
128 46.1 35.5 53.3
54 58.3 48.5 72.7

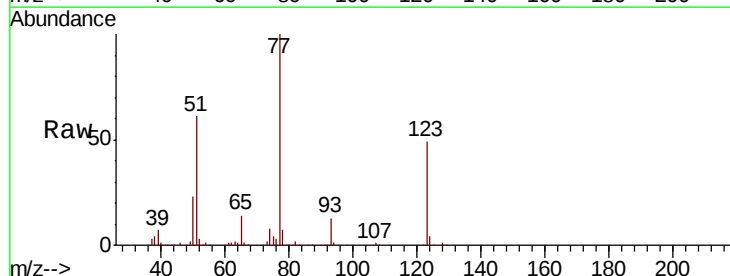


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

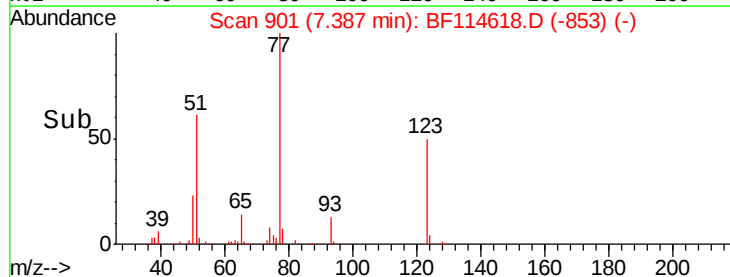
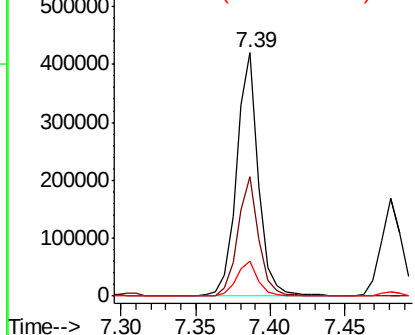


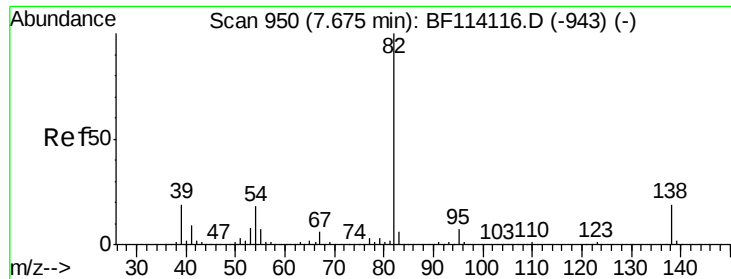
#24
Nitrobenzene
Concen: 44.094 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion: 77 Resp: 423266
Ion Ratio Lower Upper
77 100
123 49.2 36.9 55.3
65 14.3 11.8 17.6



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

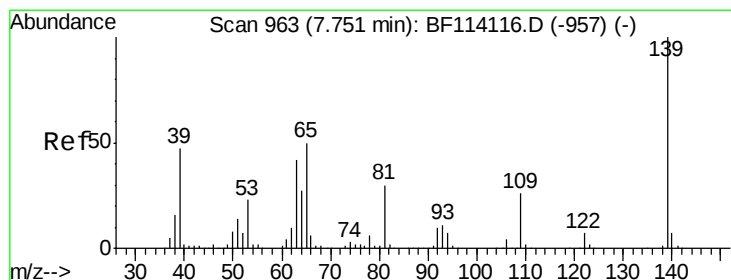
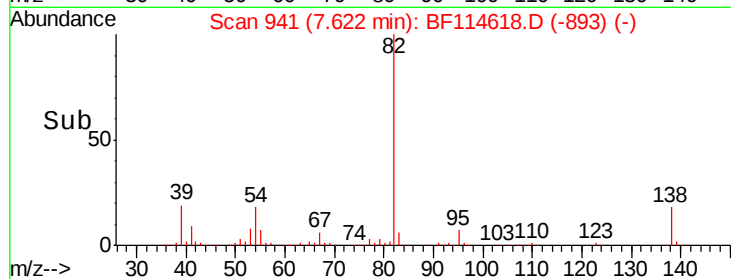
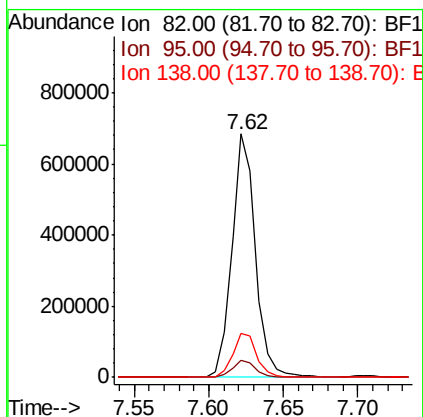
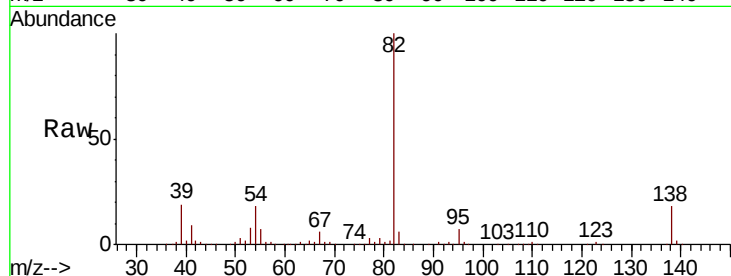




#25
Isophorone
Concen: 43.178 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

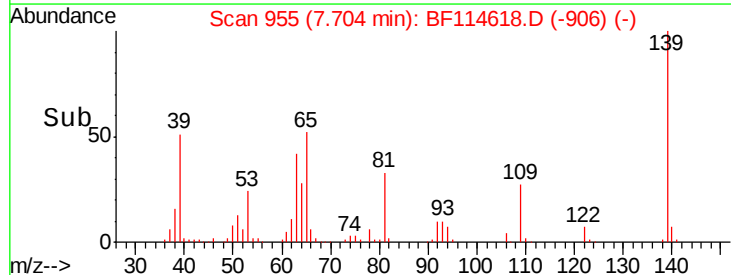
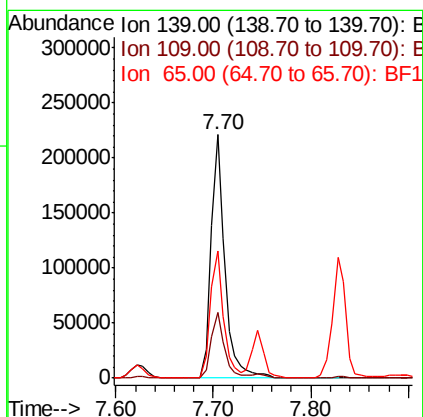
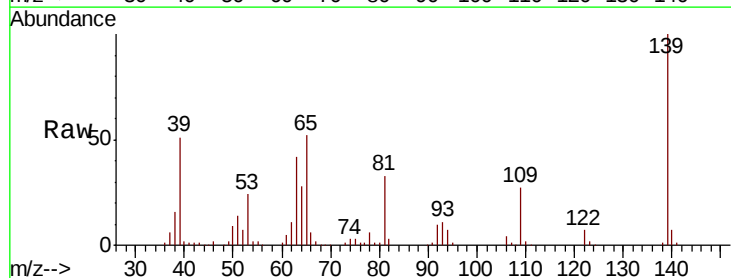
Instrument :
BNA_F
ClientSampleId :

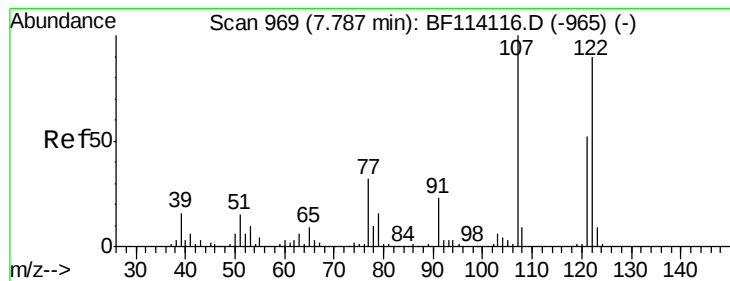
Tot Ion: 82 Resp: 754718
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.9 14.8 22.2



#26
2-Nitrophenol
Concen: 46.549 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion: 139 Resp: 216788
Ion Ratio Lower Upper
139 100
109 26.8 20.7 31.1
65 52.4 40.2 60.2

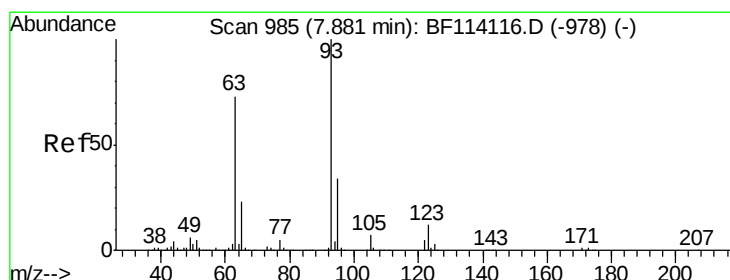
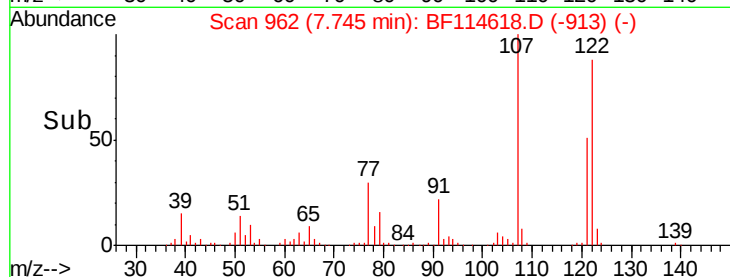
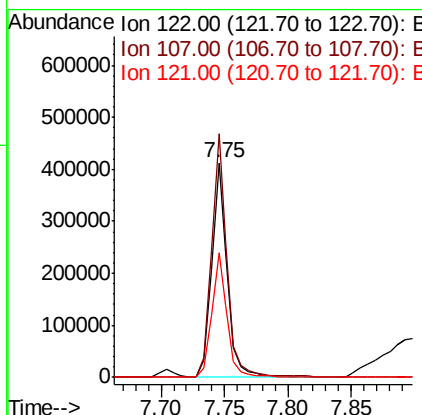
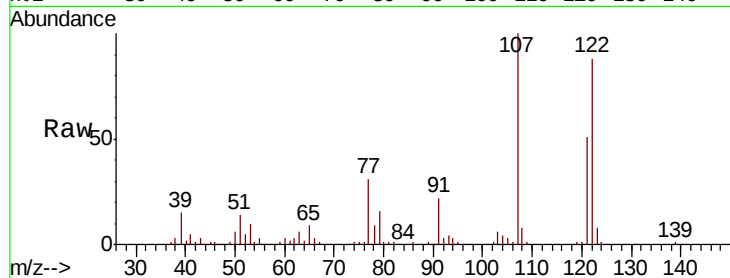




#27
 2,4-Dimethylphenol
 Concen: 48.004 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

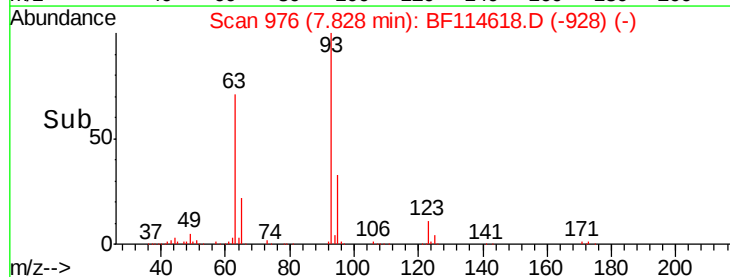
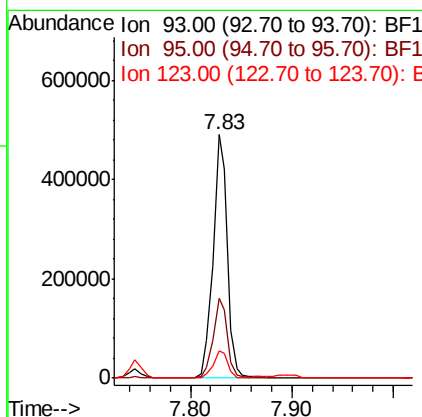
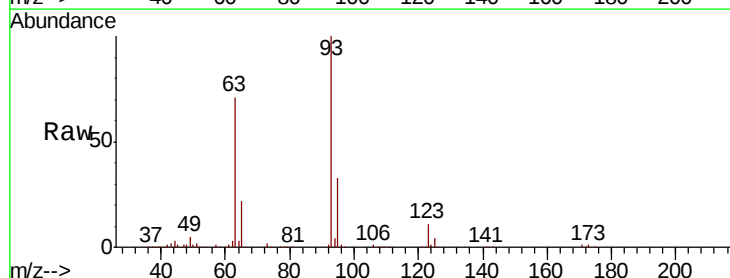
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 351130
 Ion Ratio Lower Upper
 122 100
 107 113.5 88.4 132.6
 121 58.2 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.439 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Tgt Ion: 93 Resp: 481306
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.8 40.2
 123 11.1 9.5 14.3

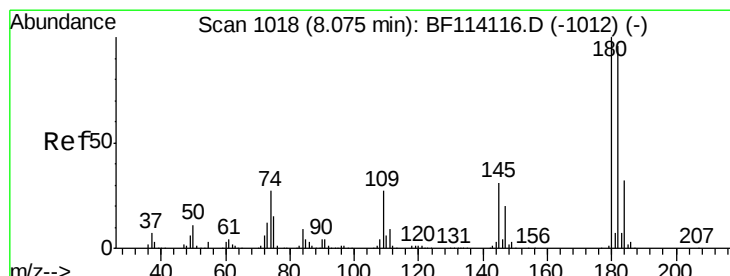
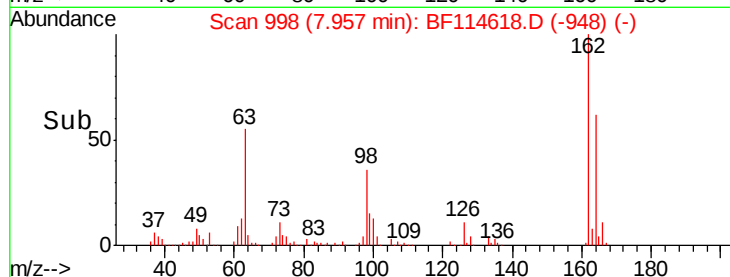
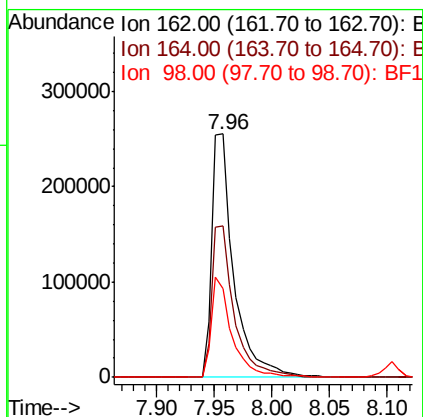
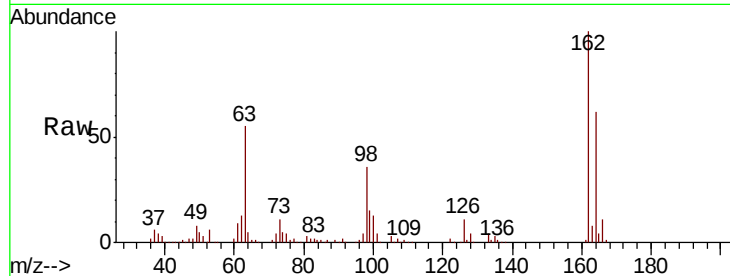




#29
 2,4-Dichlorophenol
 Concen: 46.232 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

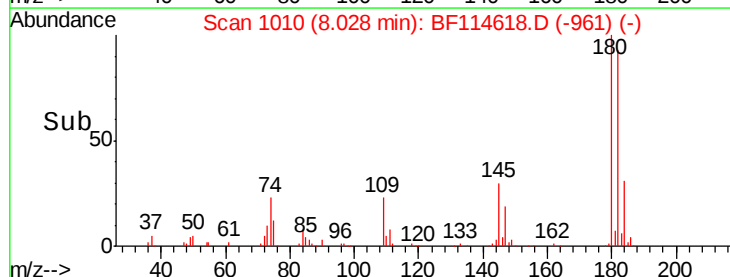
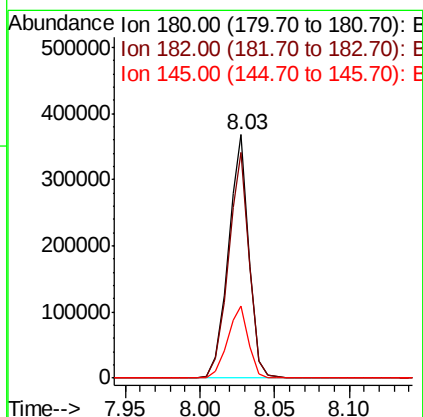
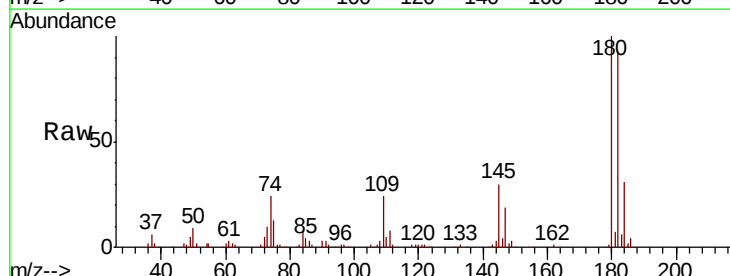
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.6	83.6
98	36.4	20.6	60.6



#30
 1,2,4-Trichlorobenzene
 Concen: 43.131 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.6	114.8
145	29.8	25.1	37.7





#31

Naphthalene

Concen: 46.247 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampleId :

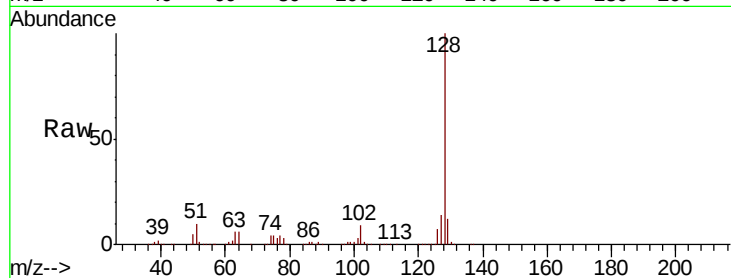
Tot Ion:128 Resp: 1142616

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

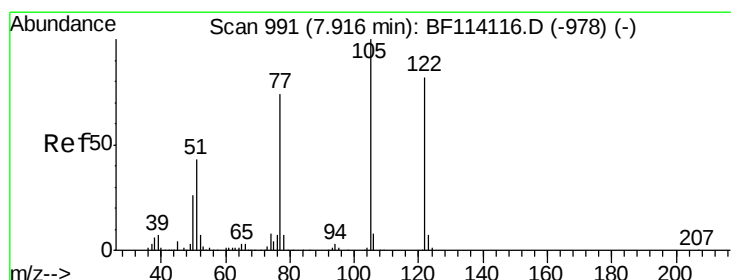
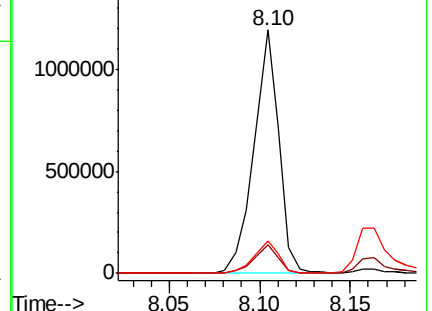
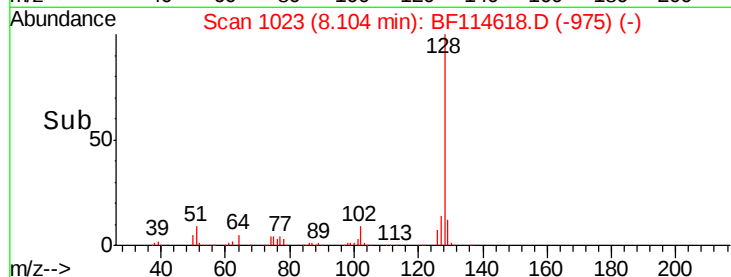
127 13.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.760 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

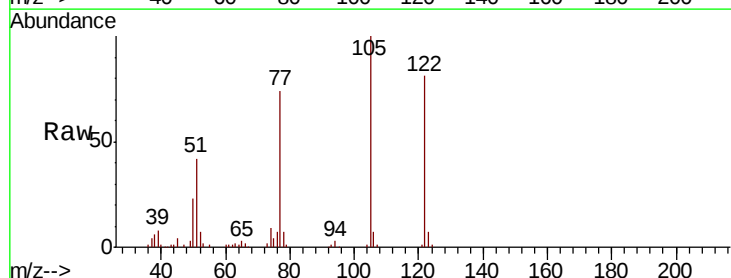
Tgt Ion:122 Resp: 187790

Ion Ratio Lower Upper

122 100

105 123.7 99.9 139.9

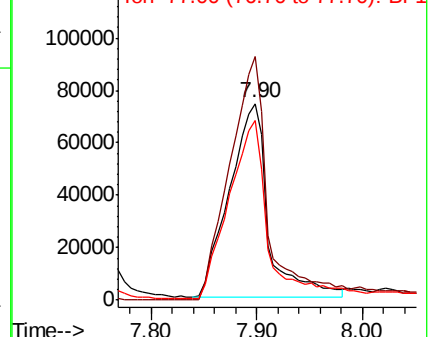
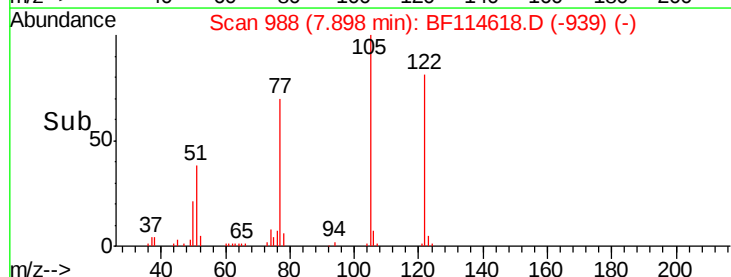
77 91.5 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

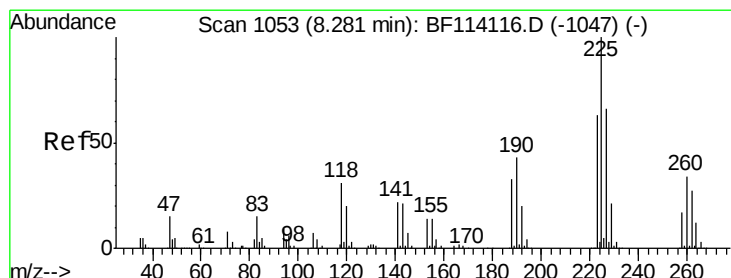
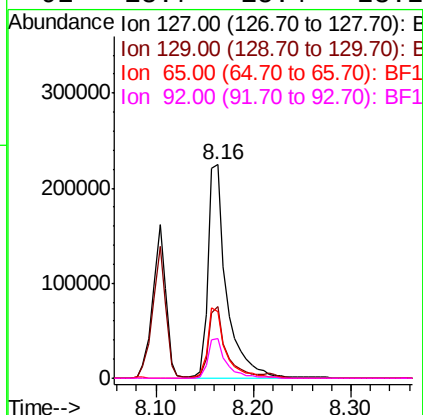
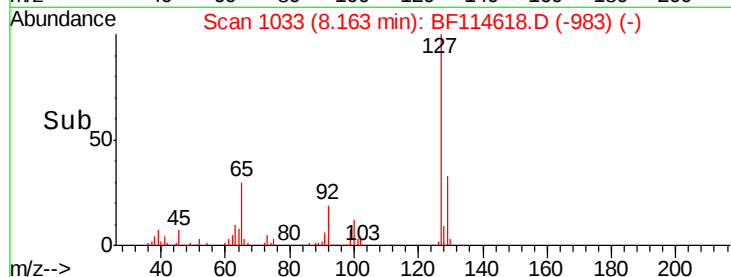
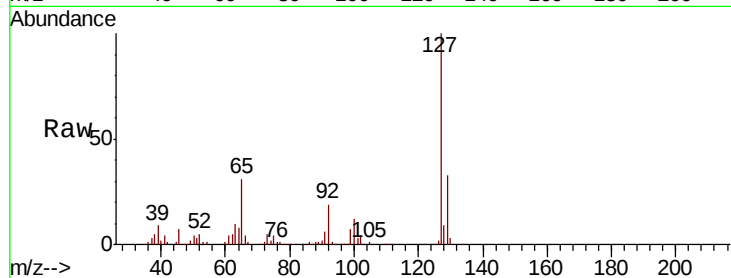




#33
4-Chloroaniline
Concen: 26.288 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

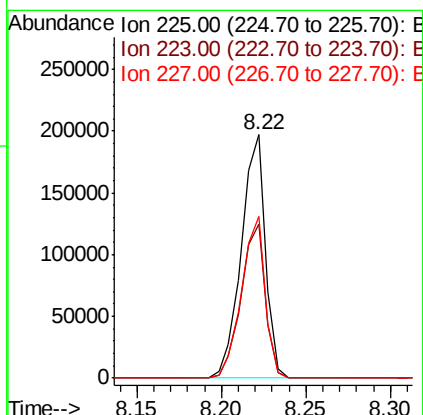
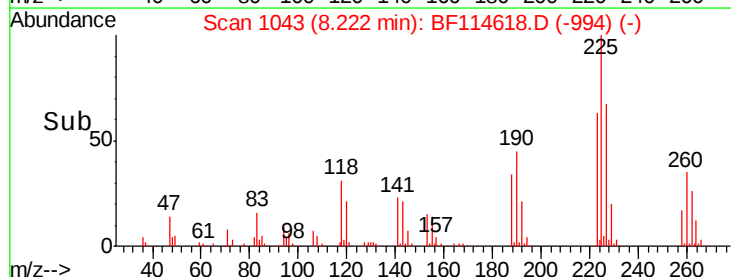
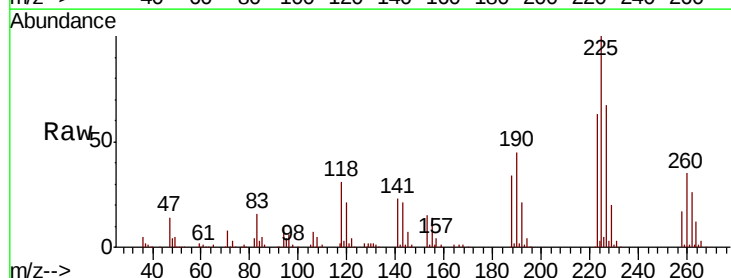
Instrument :
BNA_F
ClientSampleId :

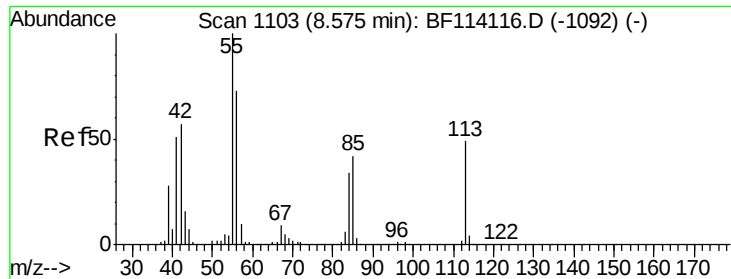
Tot Ion:	127	Resp:	295973
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.7	40.1
65	31.0	25.4	38.0
92	18.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 41.731 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:	225	Resp:	196660
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	66.5	52.6	79.0

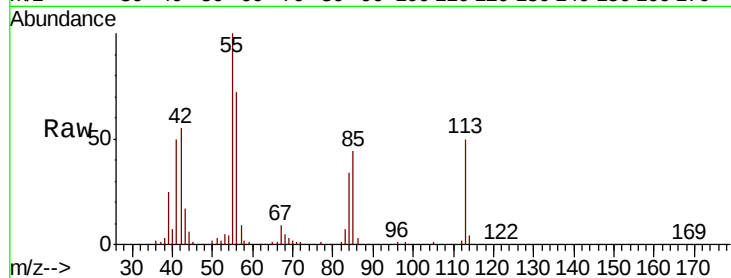




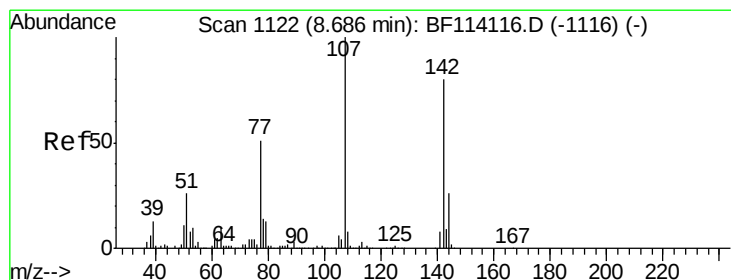
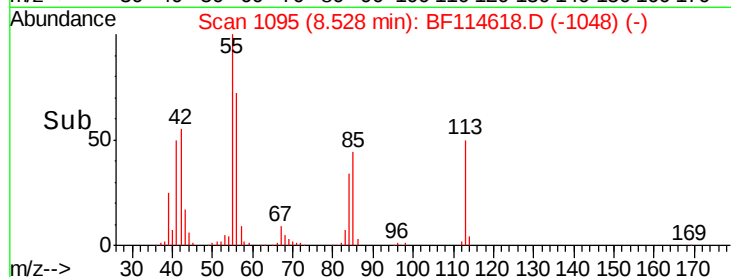
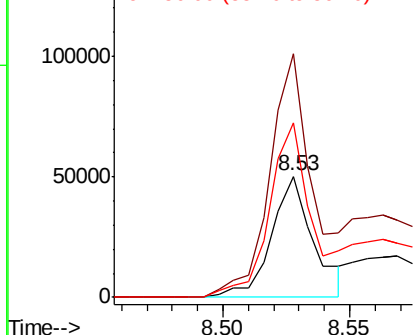
#35
Caprolactam
Concen: 24.453 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 58076
Ion Ratio Lower Upper
113 100
55 201.1 183.5 223.5
56 144.1 128.8 168.8

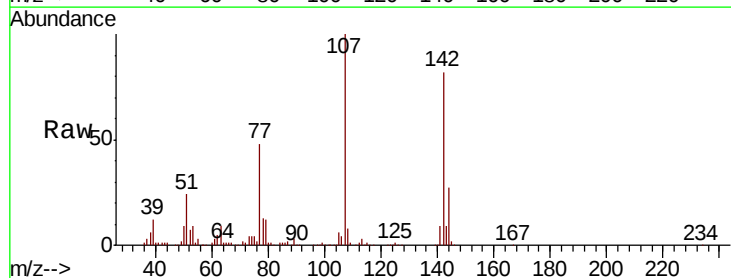


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

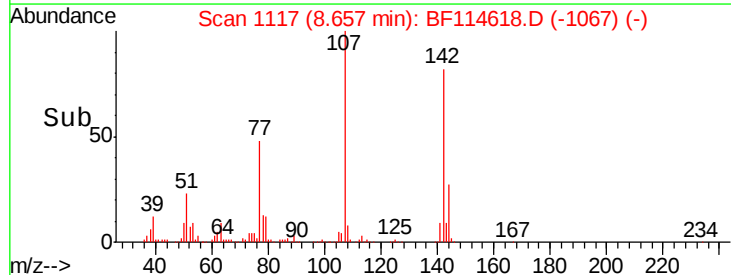
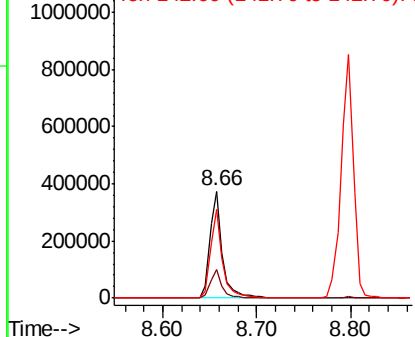


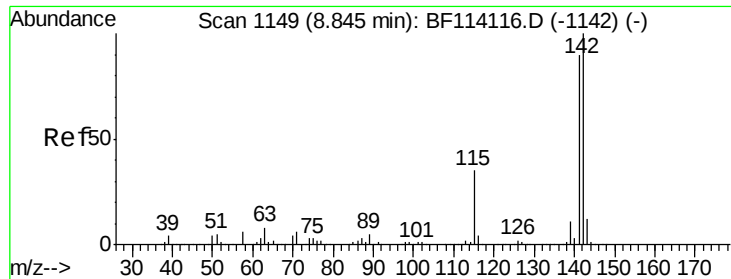
#36
4-Chloro-3-methylphenol
Concen: 47.489 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:107 Resp: 348165
Ion Ratio Lower Upper
107 100
144 27.0 20.4 30.6
142 82.3 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

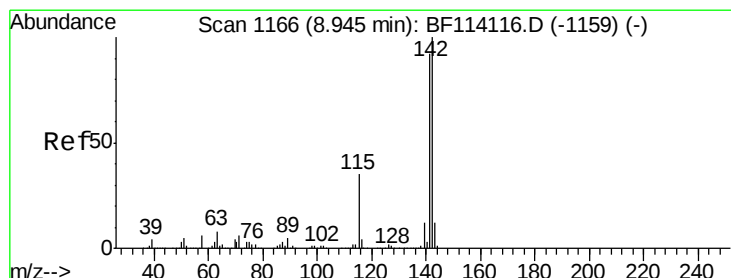
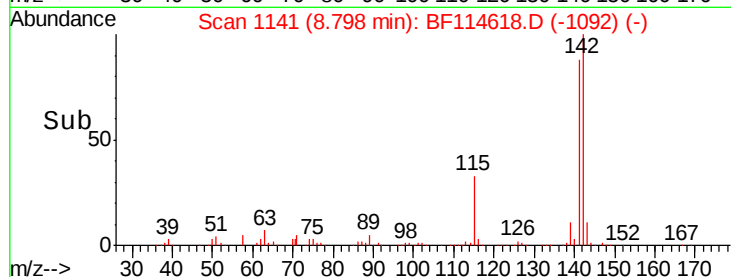
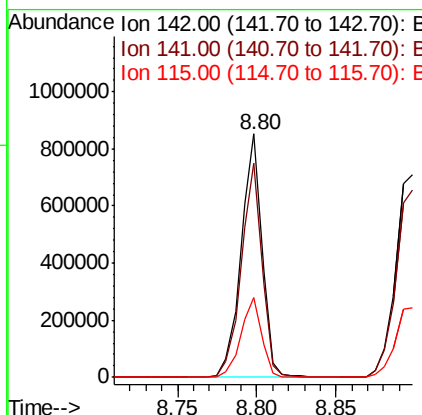
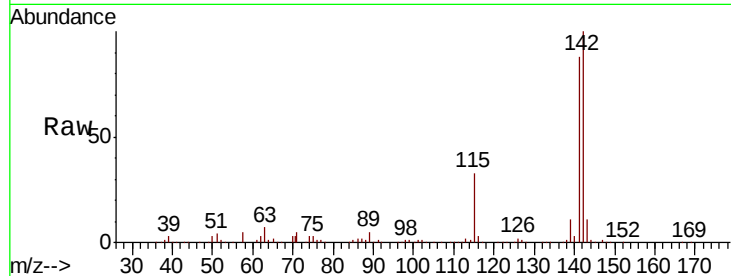




#37
2-Methylnaphthalene
Concen: 48.569 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

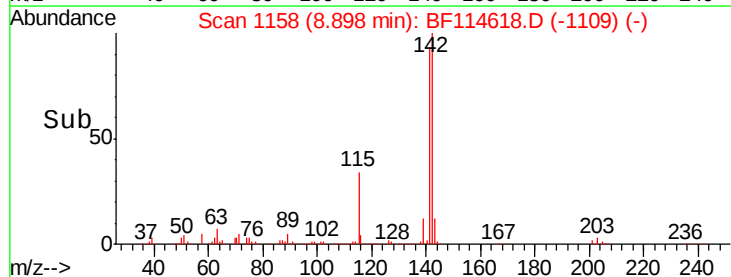
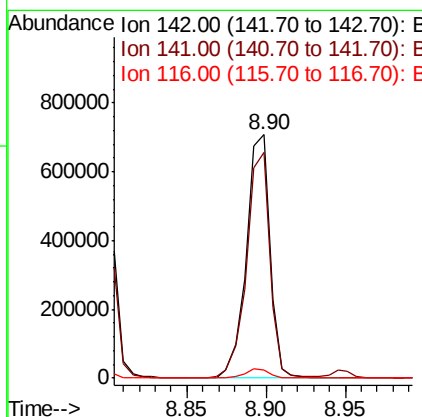
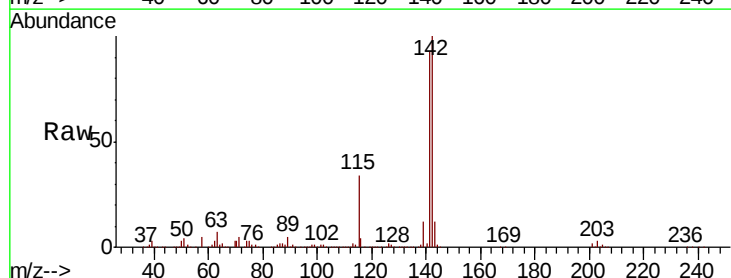
Instrument :
BNA_F
ClientSampleId :

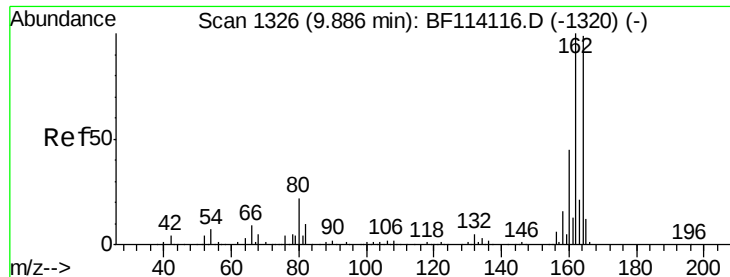
Tot Ion:142 Resp: 774224
Ion Ratio Lower Upper
142 100
141 87.7 72.1 108.1
115 32.7 28.0 42.0



#38
1-Methylnaphthalene
Concen: 48.354 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:142 Resp: 725866
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0
116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampleId :

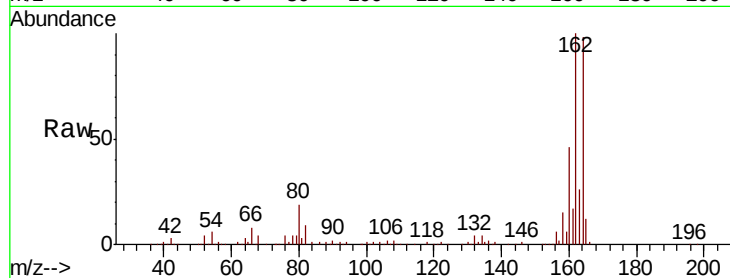
Tot Ion:164 Resp: 251579

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

160 46.7 36.5 54.7

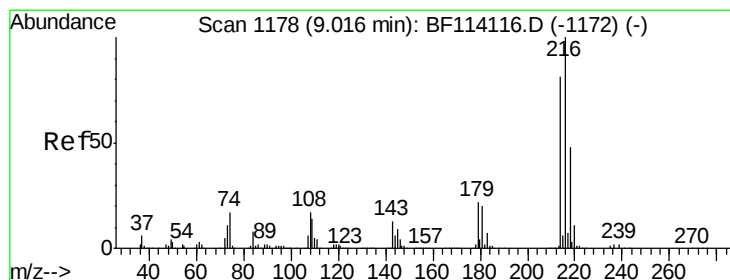
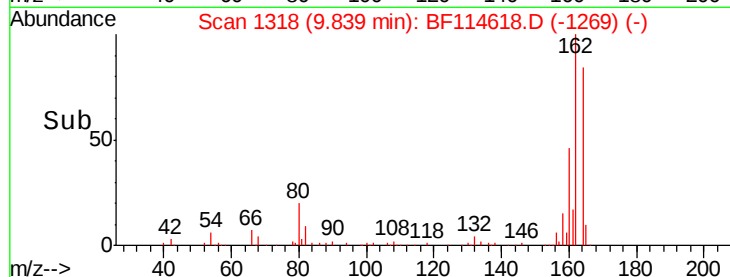
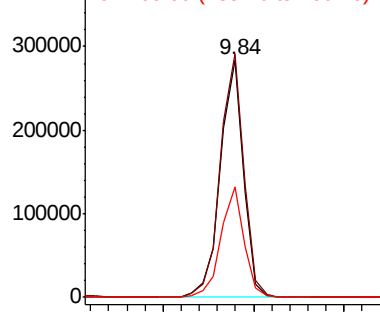


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.073 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Tgt Ion:216 Resp: 351113

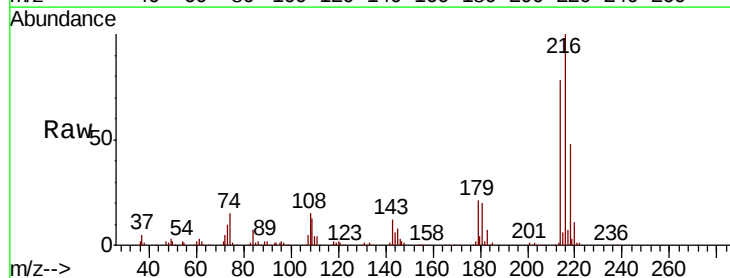
Ion Ratio Lower Upper

216 100

214 78.6 63.9 95.9

179 21.2 17.0 25.6

108 18.3 14.8 22.2



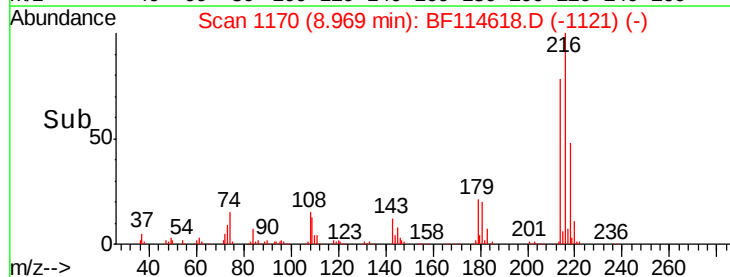
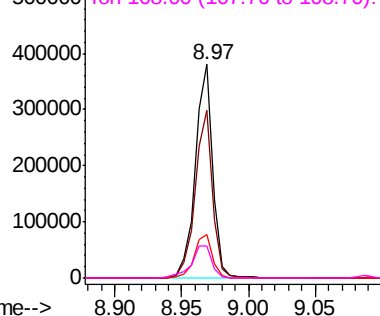
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 44.393 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampled :

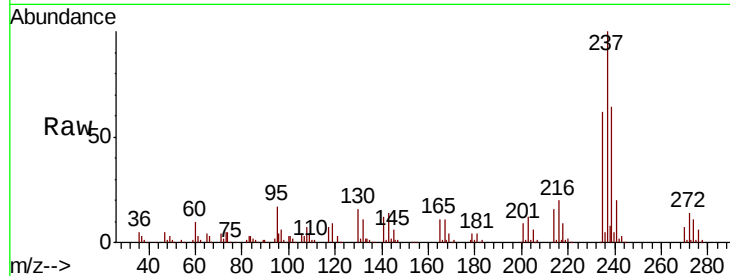
Tot Ion:237 Resp: 150390

Ion Ratio Lower Upper

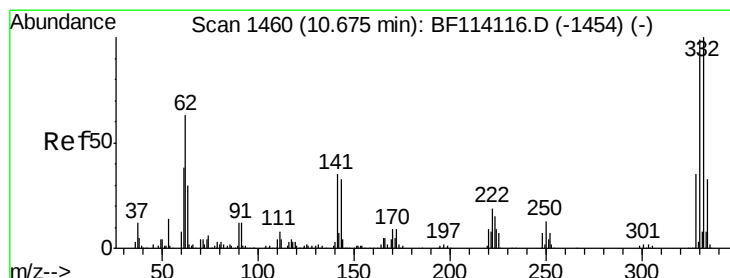
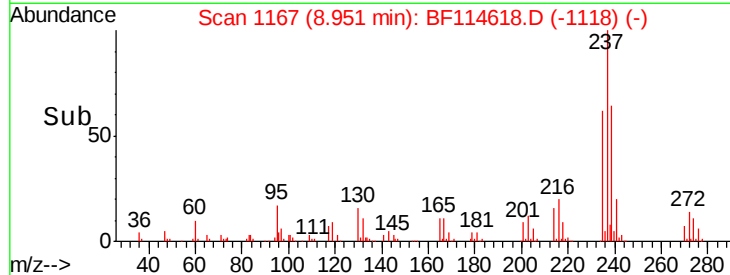
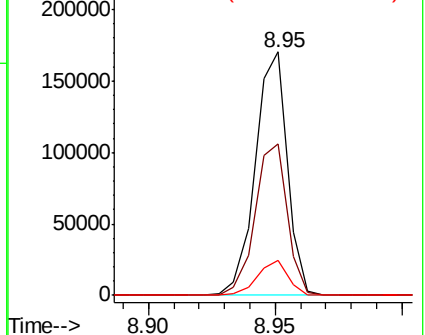
237 100

235 62.4 42.0 82.0

272 14.2 0.0 32.4



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



#42

2,4,6-Tribromophenol

Concen: 127.042 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

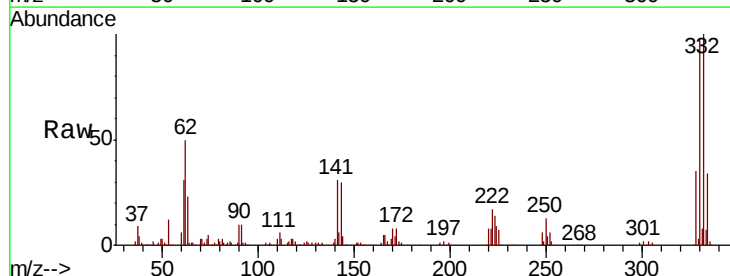
Tgt Ion:330 Resp: 330425

Ion Ratio Lower Upper

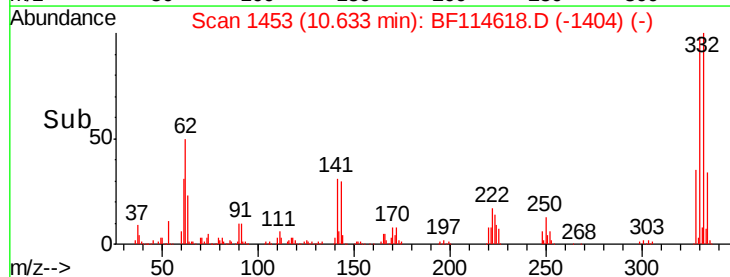
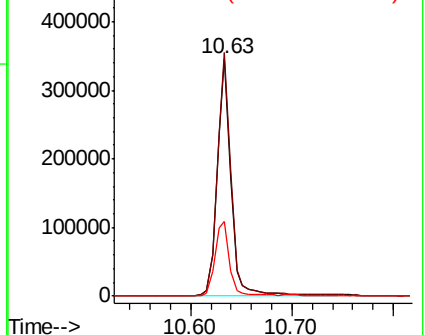
330 100

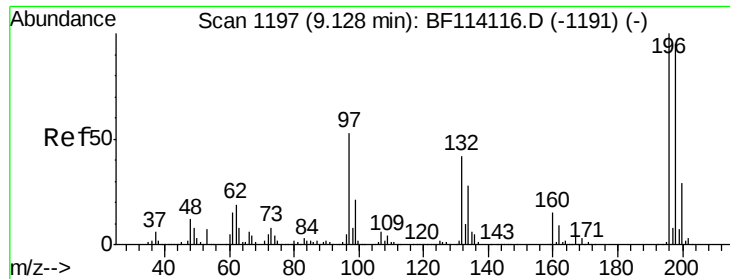
332 104.2 81.4 122.2

141 33.4 26.6 40.0



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

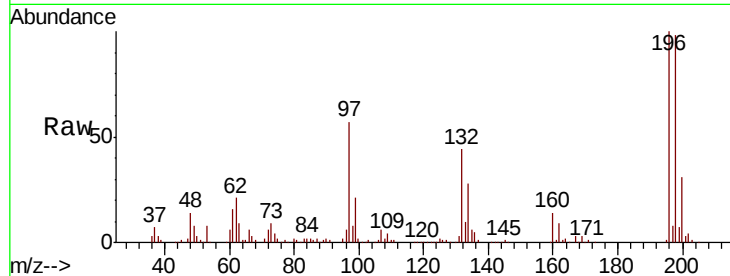




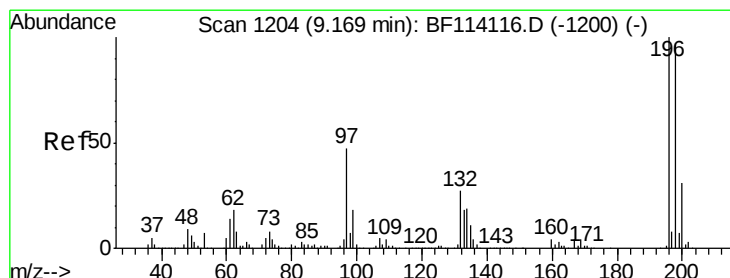
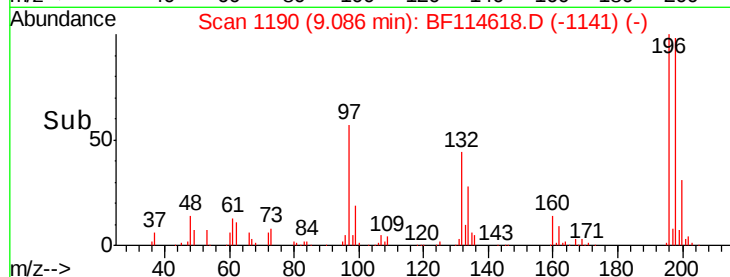
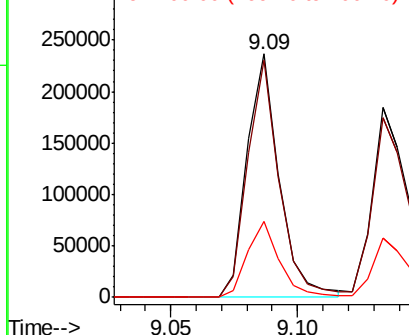
#43
 2,4,6-Trichlorophenol
 Concen: 40.161 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 210519
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.9 113.9
 200 31.2 23.5 35.3



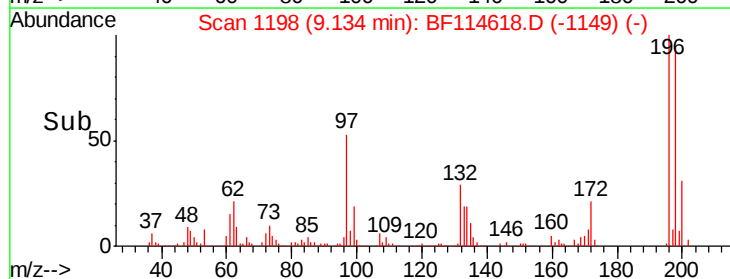
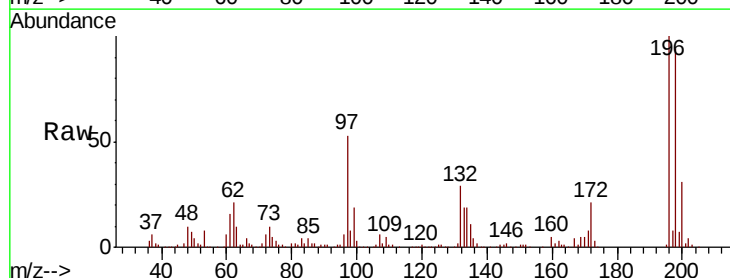
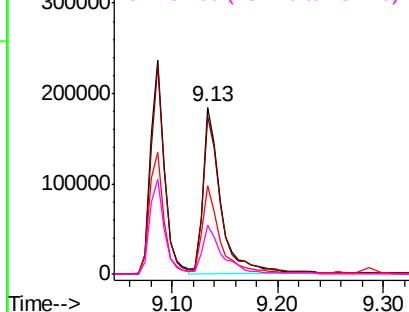
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

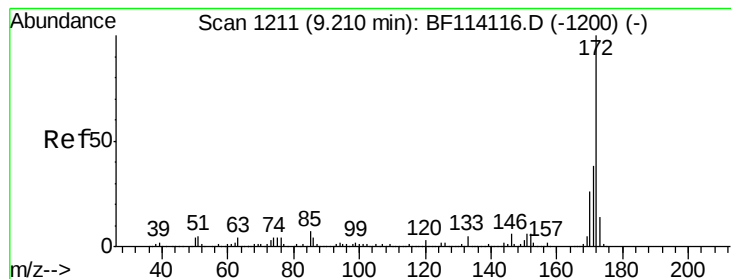


#44
 2,4,5-Trichlorophenol
 Concen: 40.135 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Tgt Ion:196 Resp: 215754
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.7 116.5
 97 52.9 38.2 57.2
 132 29.4 21.4 32.2

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





#45

2-Fluorobiphenyl

Concen: 92.720 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

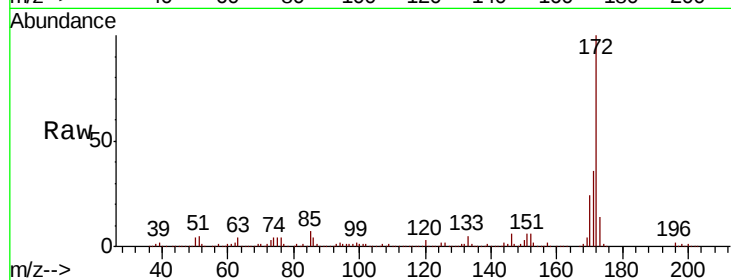
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1542077

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.3	20.5	30.7

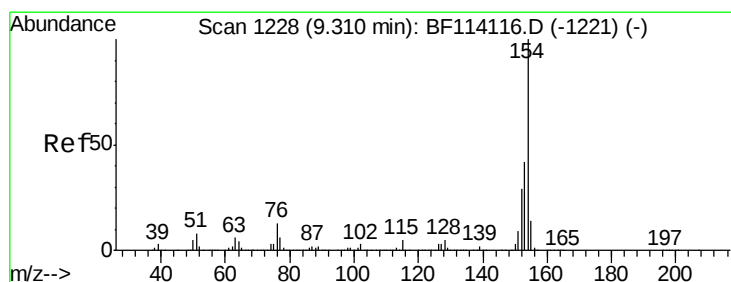
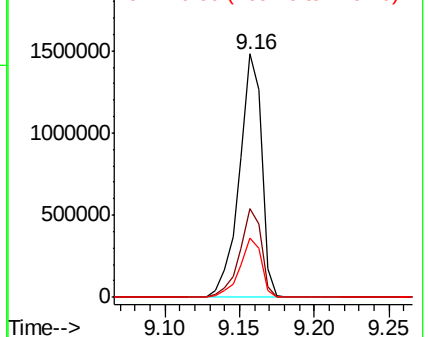
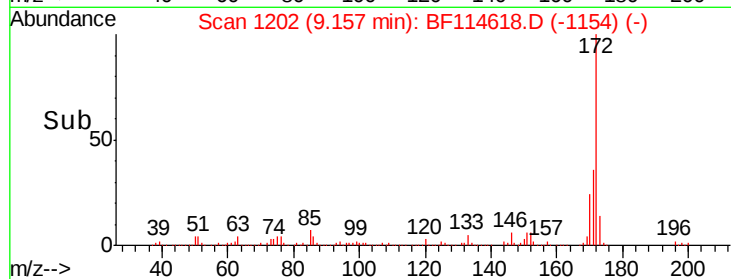


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 46.130 ng

RT: 9.26 min Scan# 1219

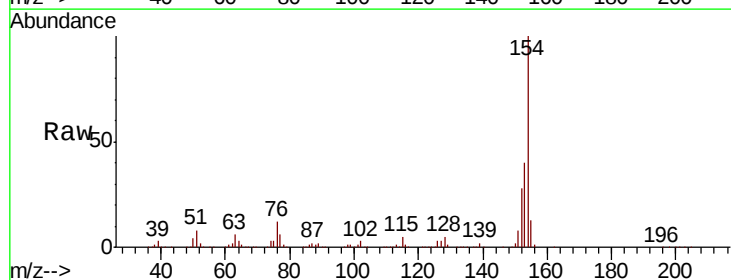
Delta R.T. -0.02 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Tgt Ion:154 Resp: 937562

Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.9	61.9
76	12.5	0.0	32.8

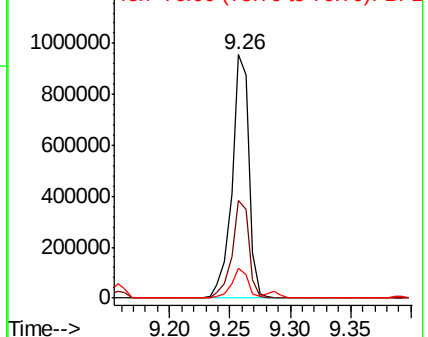
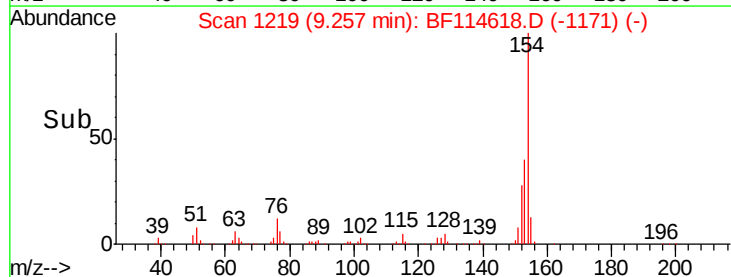


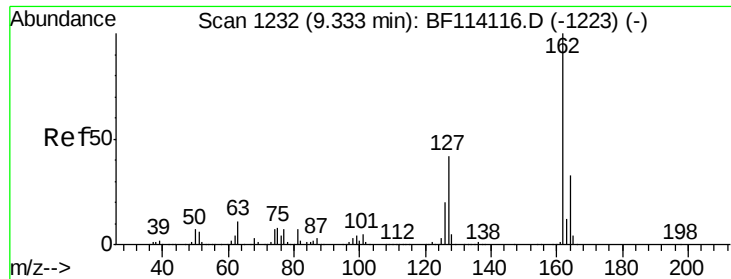
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

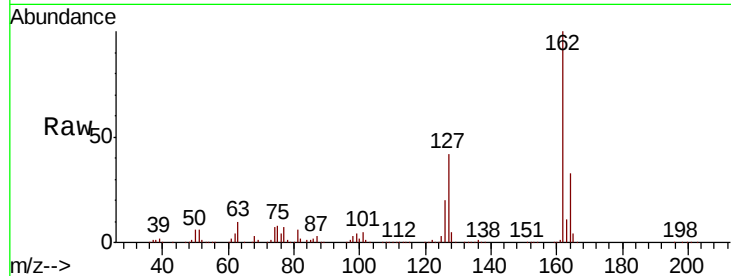




#47
2-Chloronaphthalene
Concen: 43.230 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

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

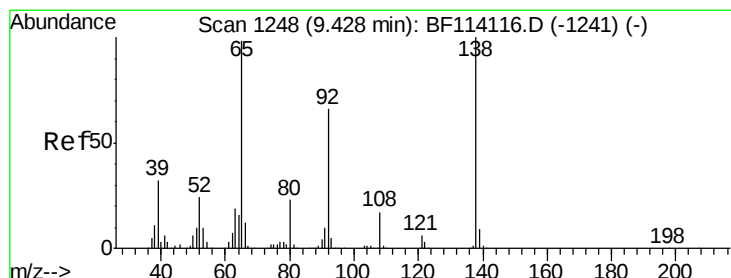
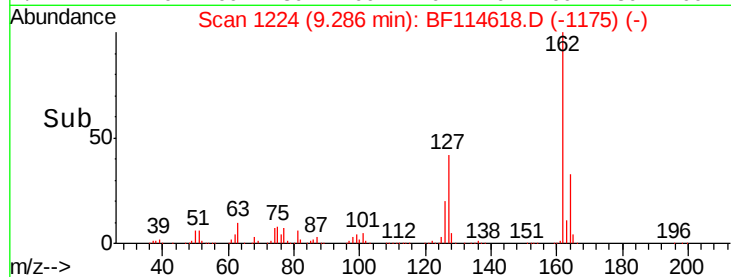
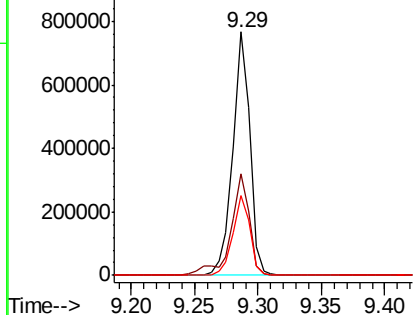


Abundance

Ion 162.00 (161.70 to 162.70): E

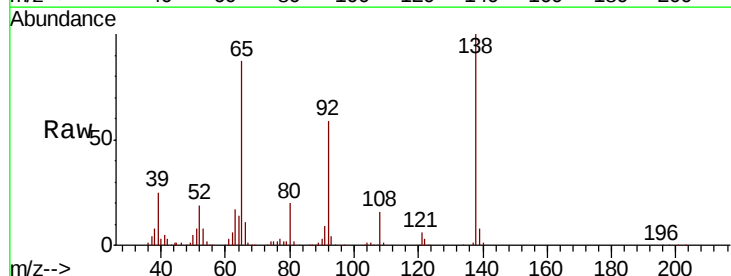
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.724 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.9	80.9
138	115.5	81.4	122.0

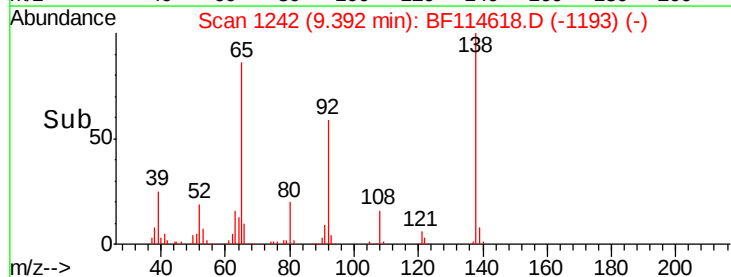
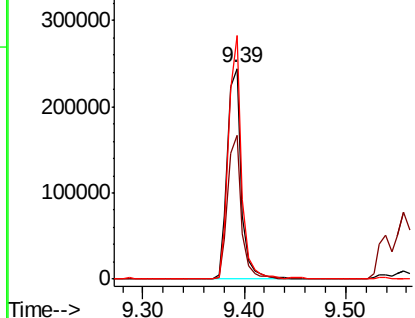


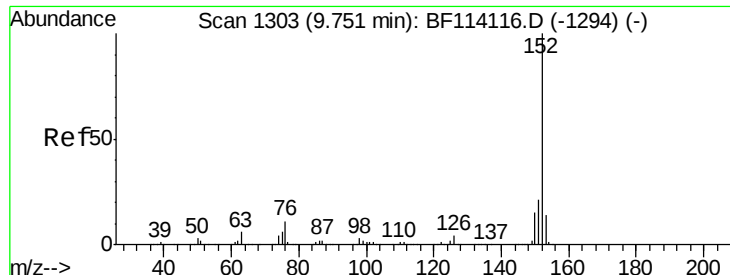
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.040 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampleId :

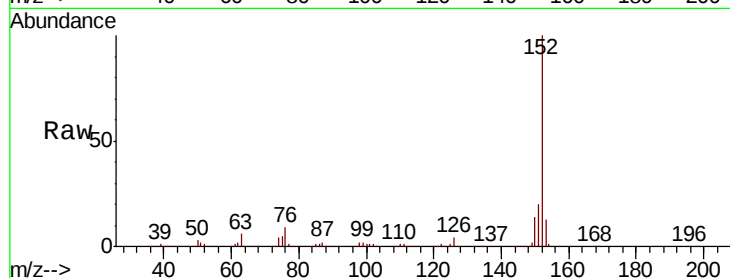
Tot Ion:152 Resp: 1120483

Ion Ratio Lower Upper

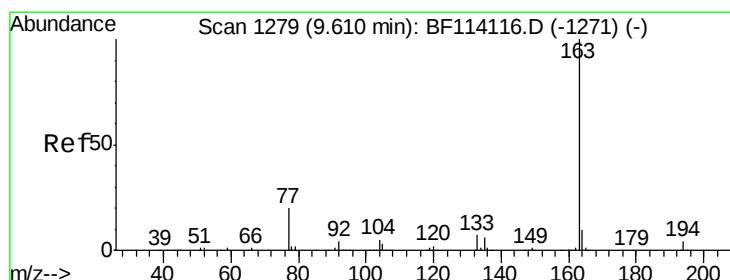
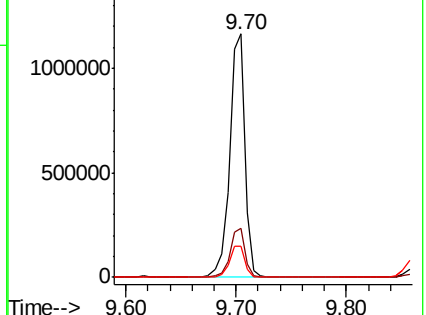
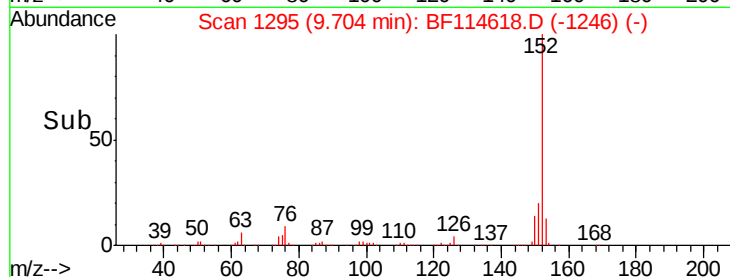
152 100

151 20.1 16.8 25.2

153 13.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.401 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

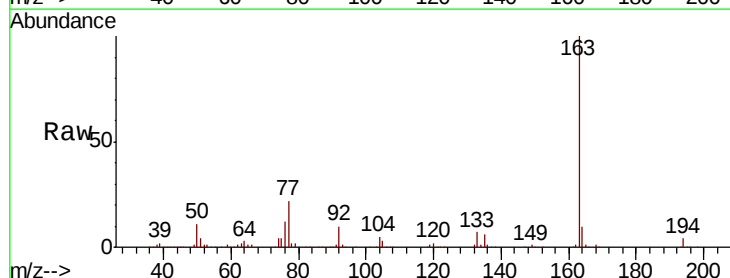
Tgt Ion:163 Resp: 783070

Ion Ratio Lower Upper

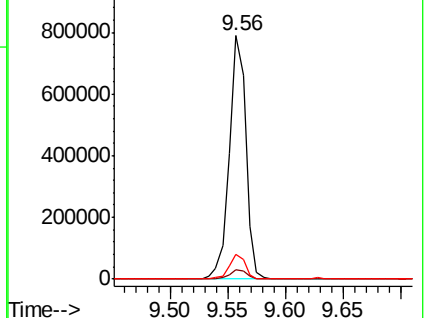
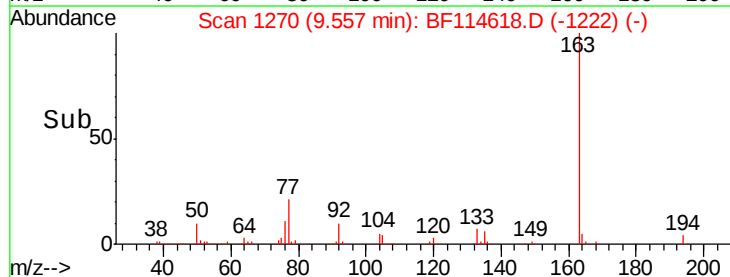
163 100

194 3.9 3.4 5.0

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

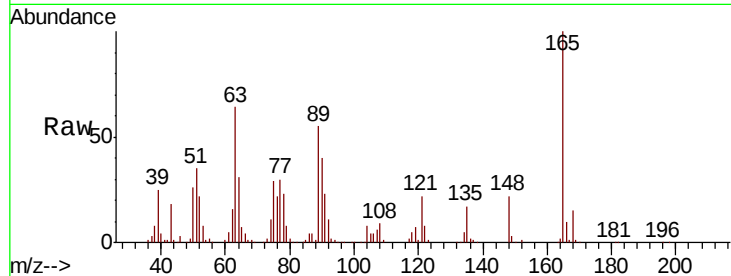




#51
 2,6-Dinitrotoluene
 Concen: 43.786 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.7	50.2	75.4
89	55.4	46.6	69.8

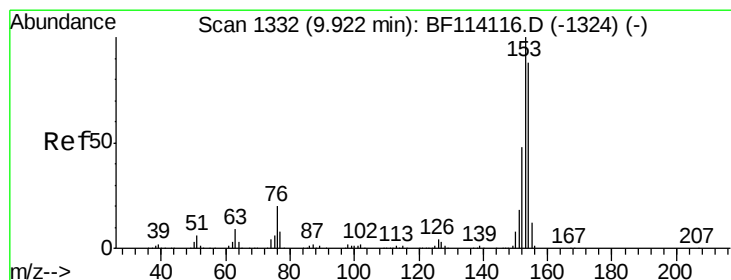
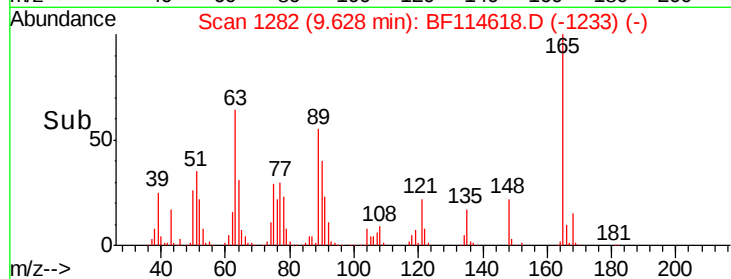
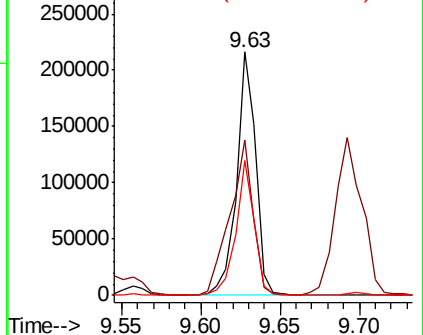


Abundance

Ion 165.00 (164.70 to 165.70): E

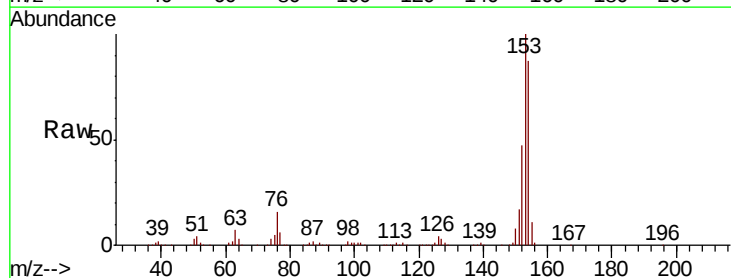
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 42.832 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.5	135.7
152	53.5	43.4	65.2

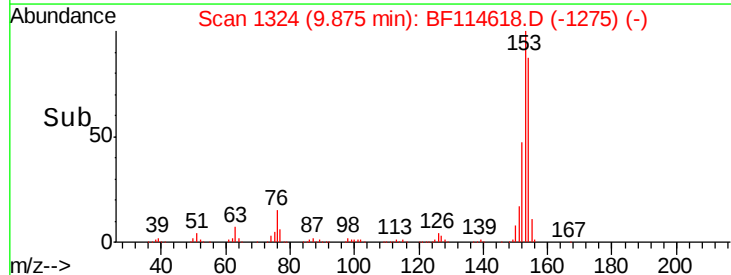
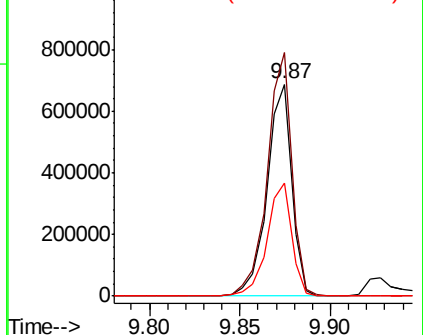


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

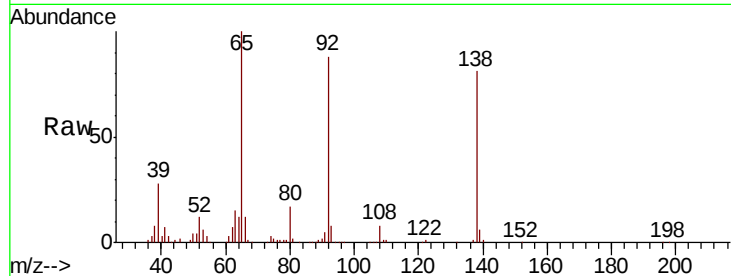




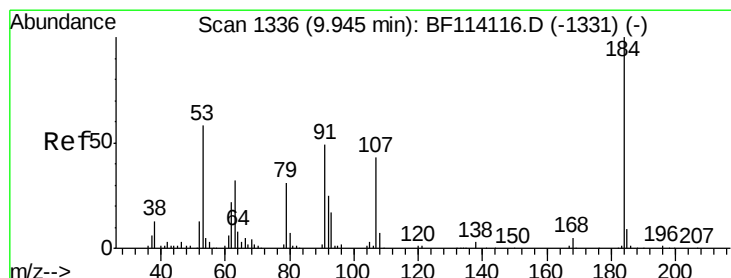
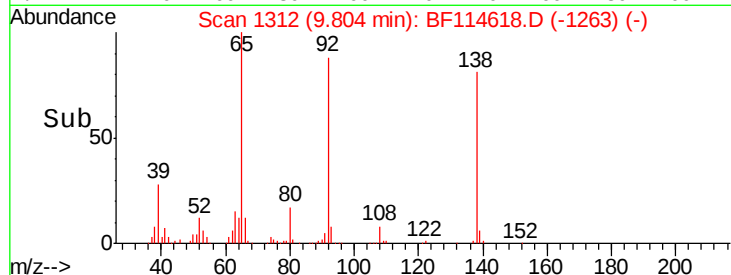
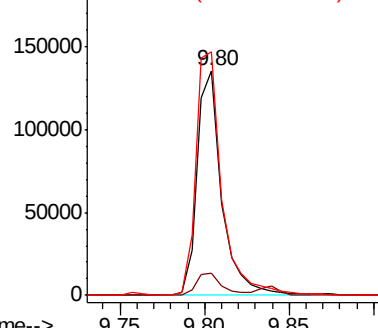
#53
3-Nitroaniline
Concen: 27.212 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 138371
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 108.2 91.2 136.8

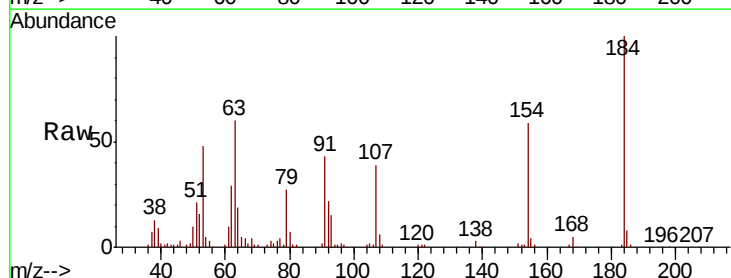


Abundance Ion 138.00 (137.70 to 138.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

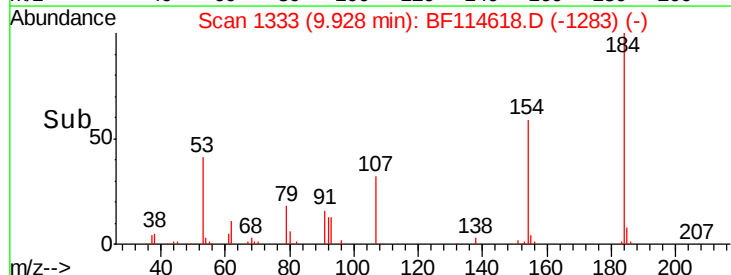
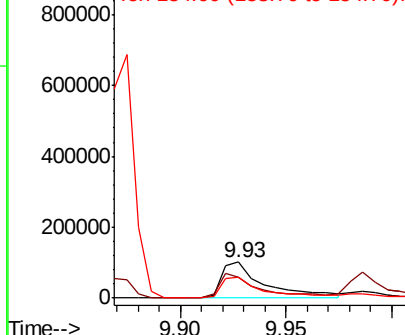


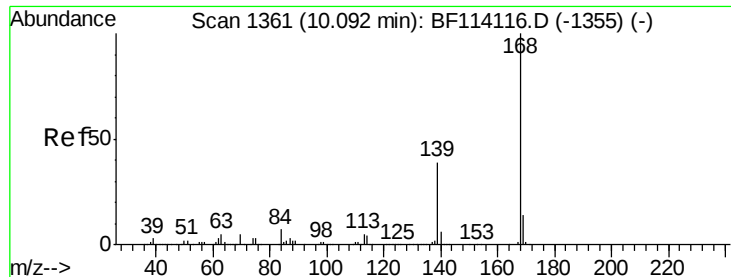
#54
2,4-Dinitrophenol
Concen: 70.318 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:184 Resp: 143001
Ion Ratio Lower Upper
184 100
63 59.7 55.6 83.4
154 59.2 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

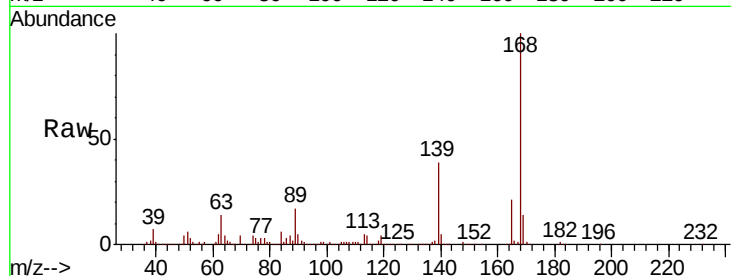




#55
Dibenzofuran
Concen: 41.910 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.1	46.7
169	13.9	11.4	17.0

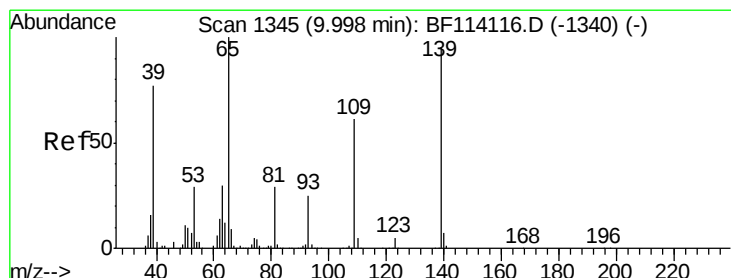
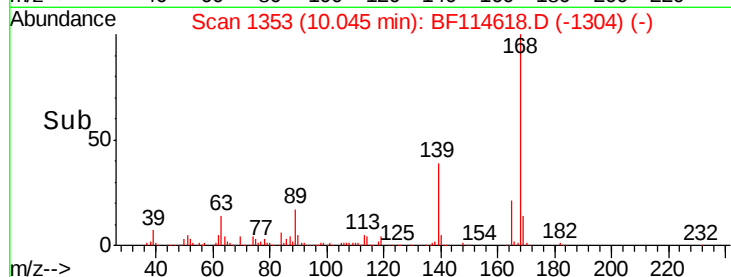
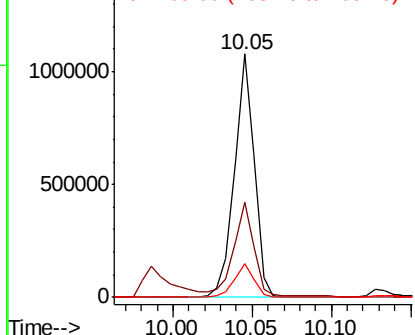


Abundance

Ion 168.00 (167.70 to 168.70): E

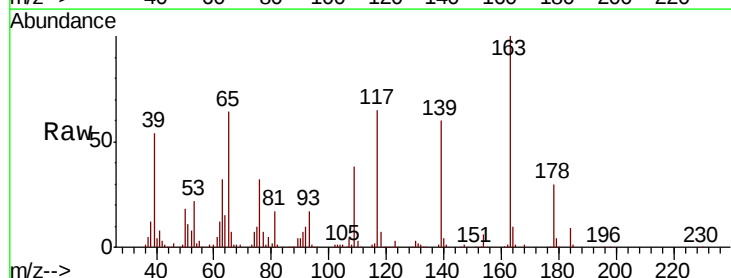
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 48.698 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.2	43.9	83.9
65	107.1	85.7	125.7

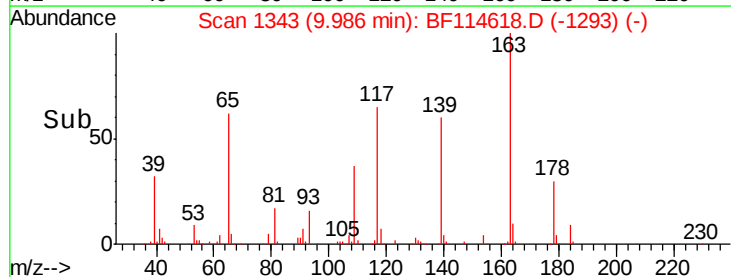
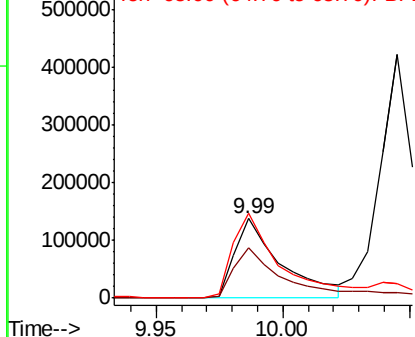


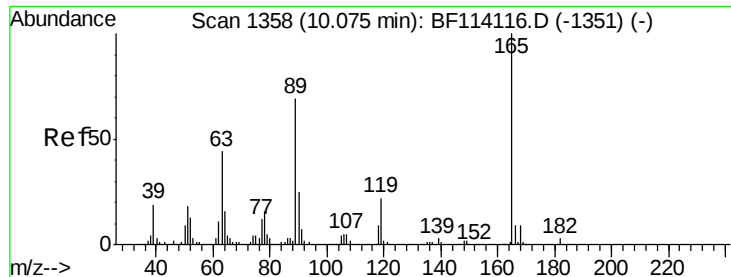
Abundance

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: 39.686 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 220648

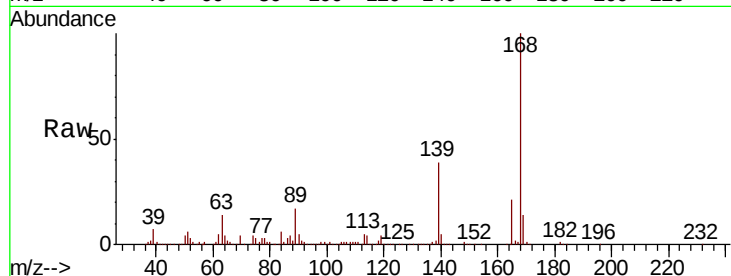
Ion Ratio Lower Upper

165 100

63 66.8 35.5 53.3#

89 80.3 55.2 82.8

182 2.6 2.2 3.2

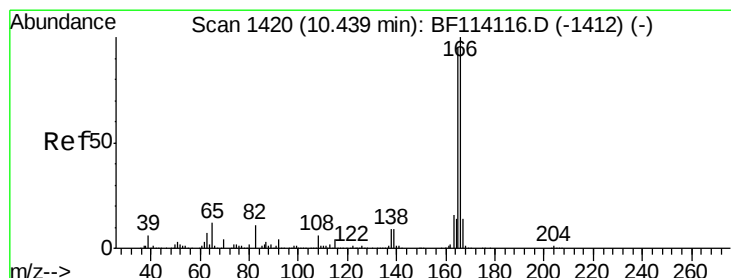
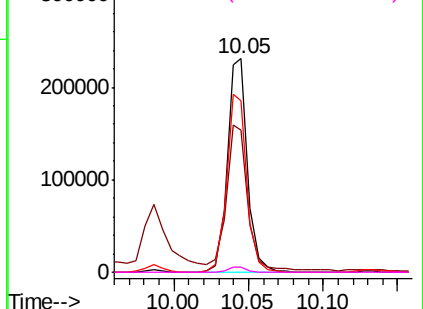
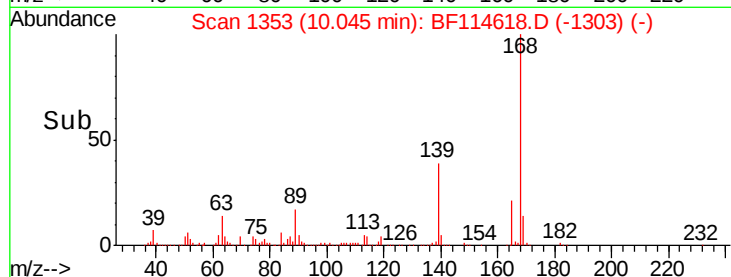


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.166 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

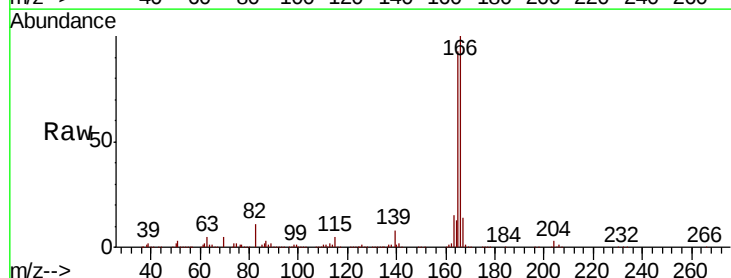
Tgt Ion:166 Resp: 780954

Ion Ratio Lower Upper

166 100

165 93.3 76.1 114.1

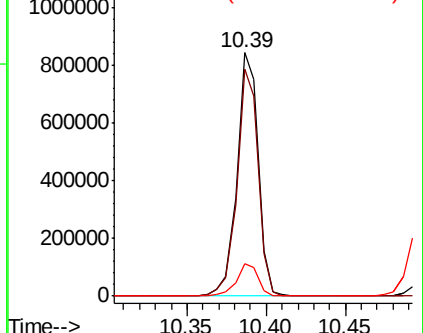
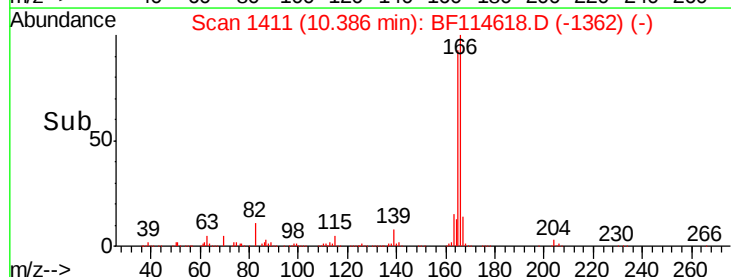
167 13.6 11.1 16.7

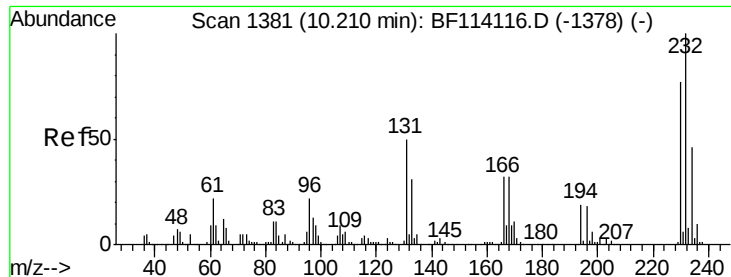


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

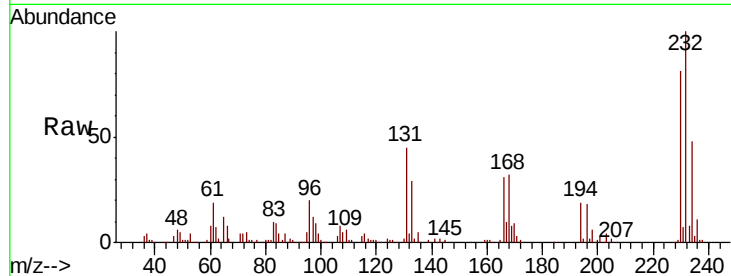




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.016 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.6	53.4
130	2.4	1.6	2.4
166	29.8	24.1	36.1



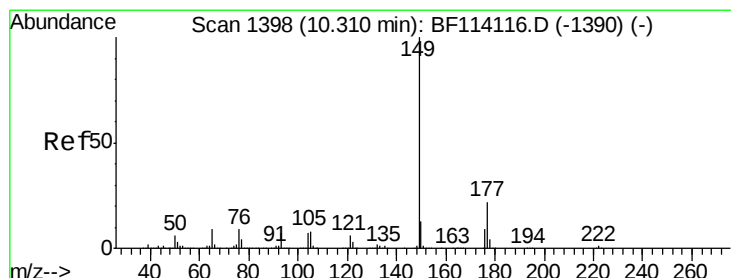
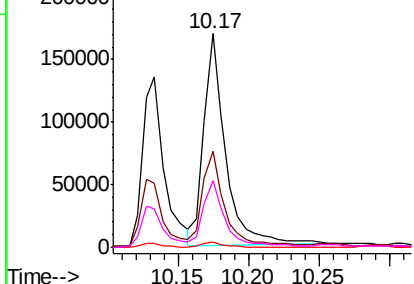
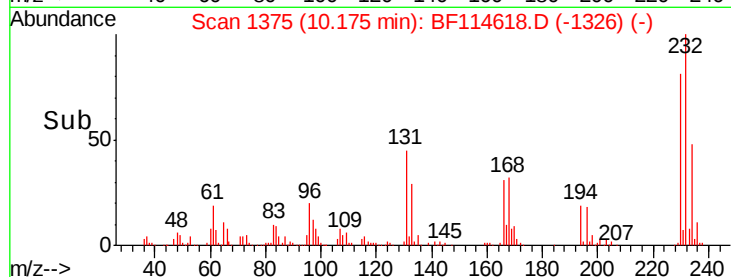
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

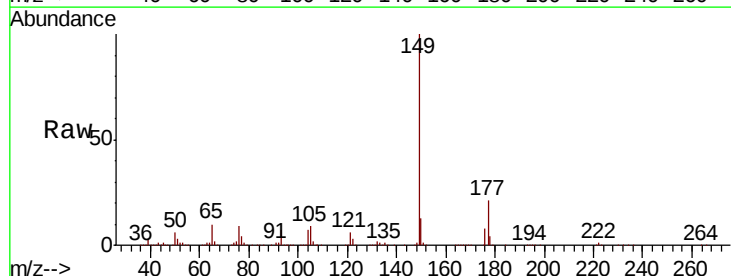
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.629 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.8	26.6
150	12.6	10.2	15.2

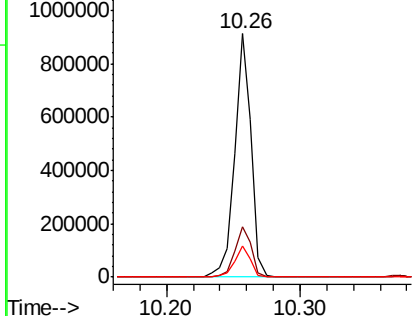
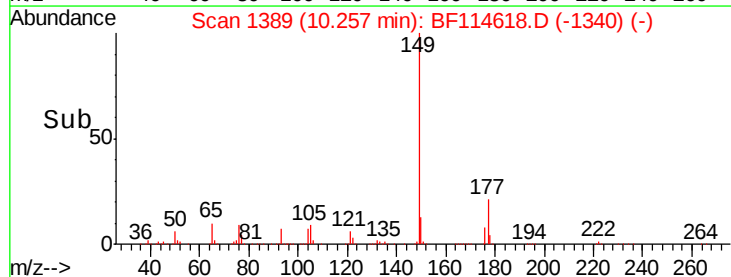


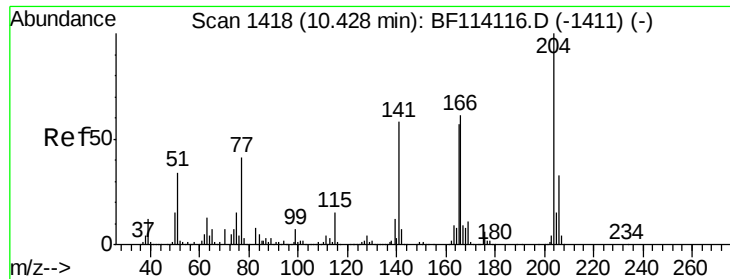
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

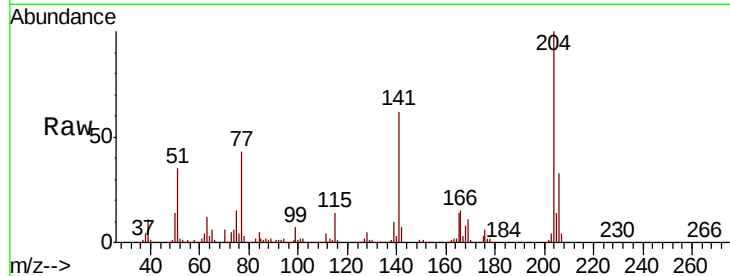




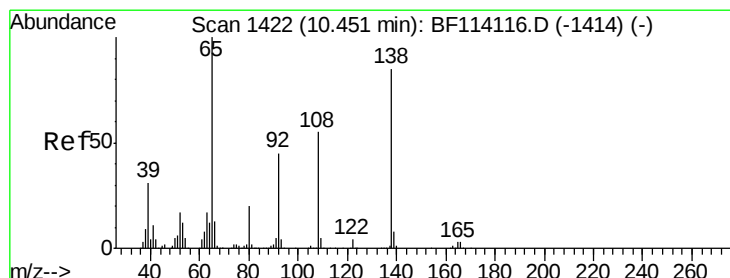
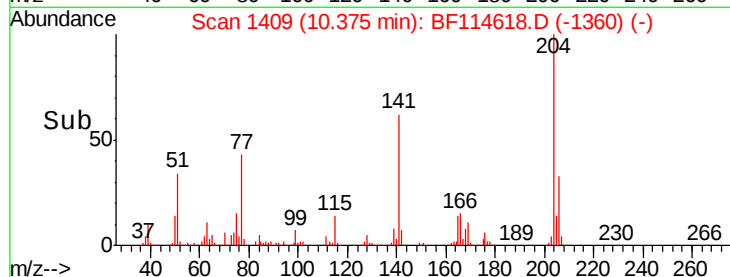
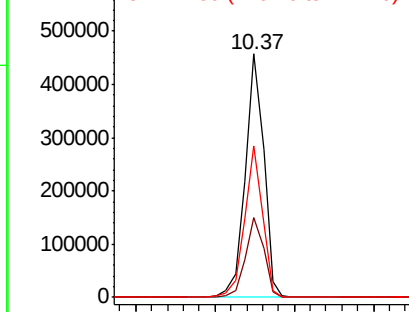
#61
4-Chlorophenyl-phenylether
Concen: 43.505 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 369457
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 62.1 46.4 69.6

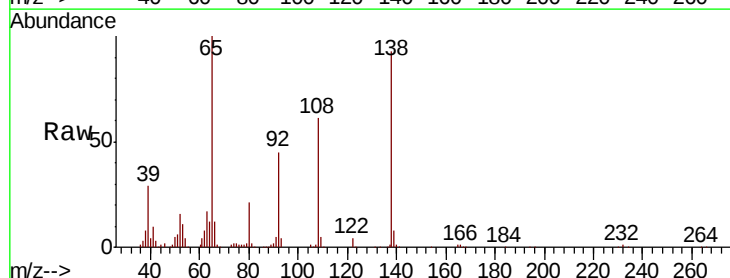


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

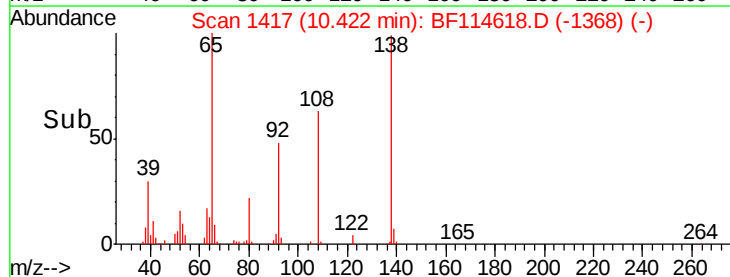
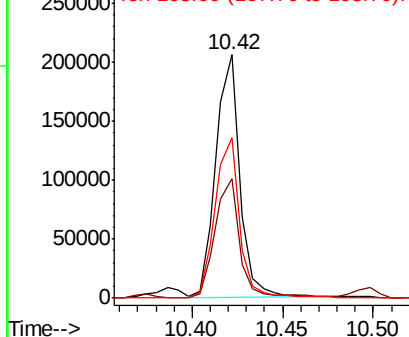


#62
4-Nitroaniline
Concen: 35.556 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:138 Resp: 189985
Ion Ratio Lower Upper
138 100
92 48.8 33.0 73.0
108 65.7 44.9 84.9



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

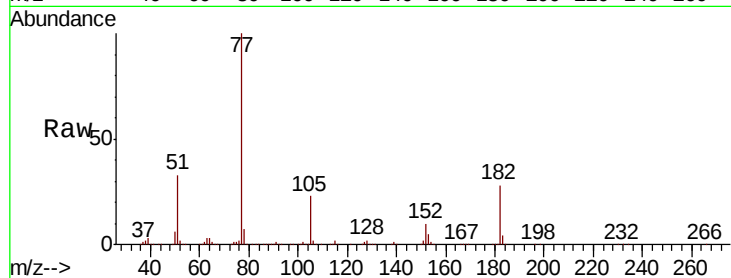




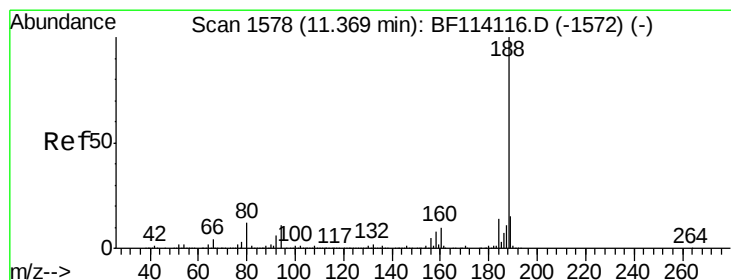
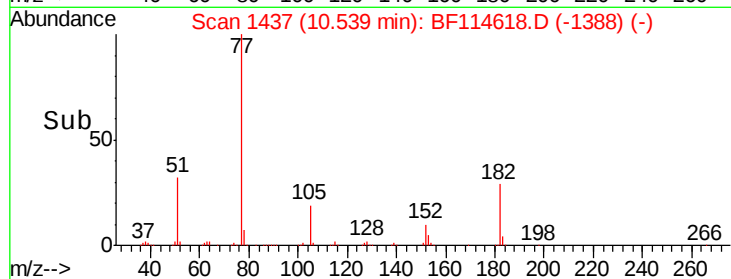
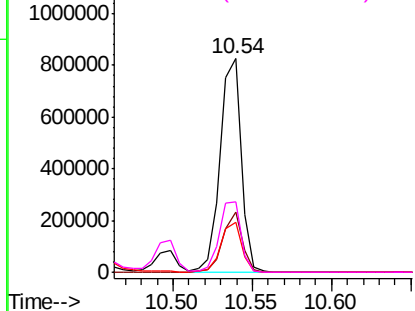
#63
Azobenzene
Concen: 42.039 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	763568
Ion	Ratio	Lower	Upper
77	100		
182	27.9	4.7	44.7
105	23.4	2.9	42.9
51	33.0	14.6	54.6

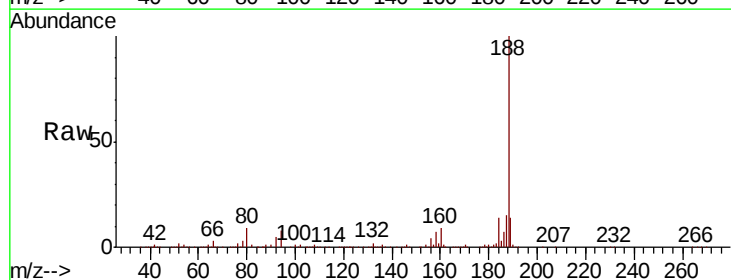


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

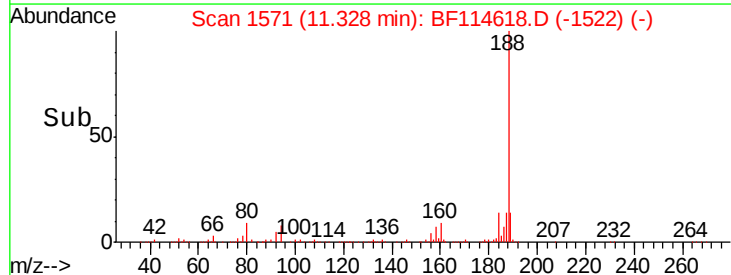
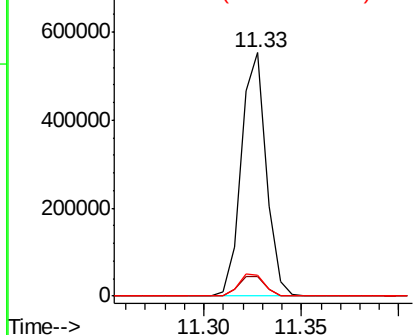


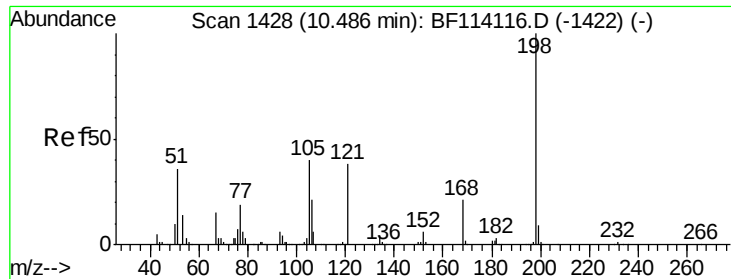
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:	188	Resp:	489851
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.4	12.6#
80	8.8	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

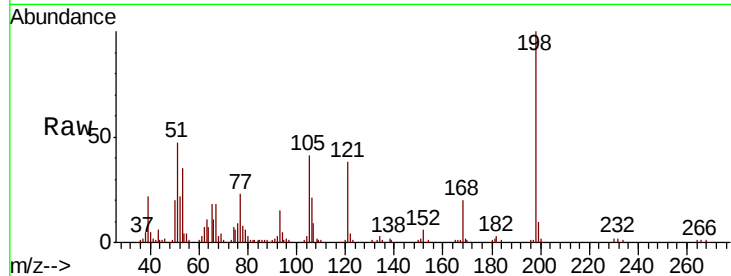




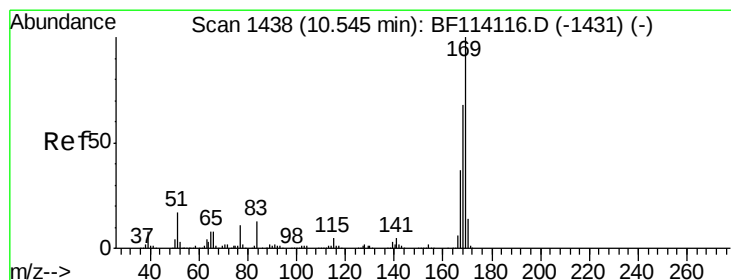
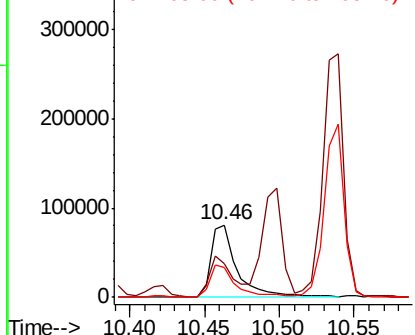
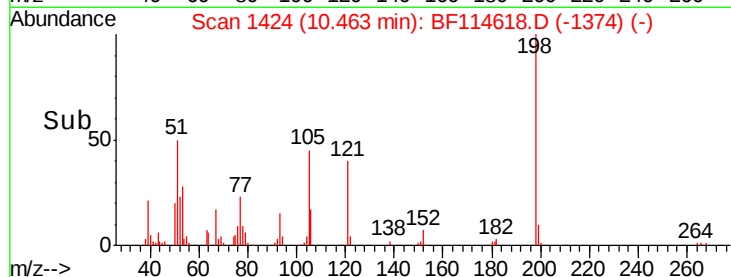
#65
4,6-Dinitro-2-methylphenol
Concen: 42.111 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.7	28.0	68.0
105	41.3	21.1	61.1

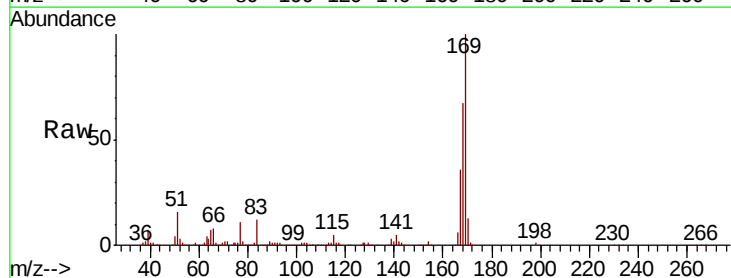


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

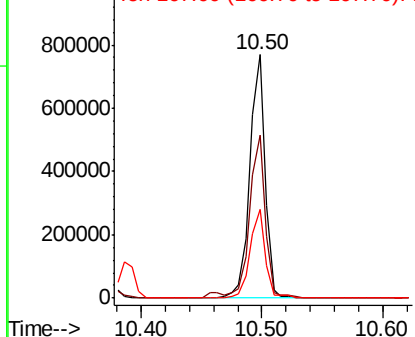
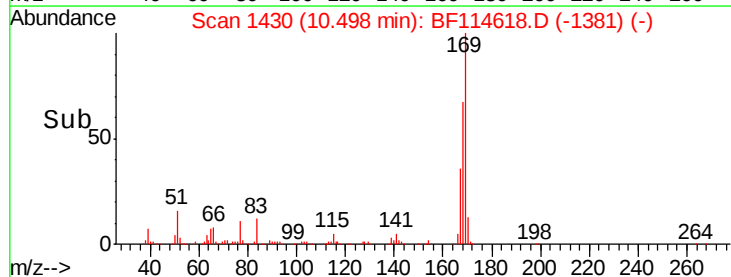


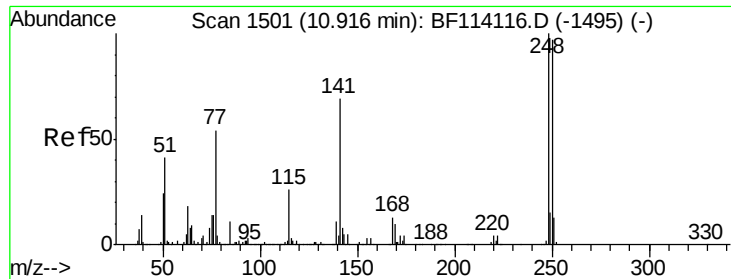
#66
n-Nitrosodiphenylamine
Concen: 45.953 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.2	81.2
167	36.5	29.8	44.8



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

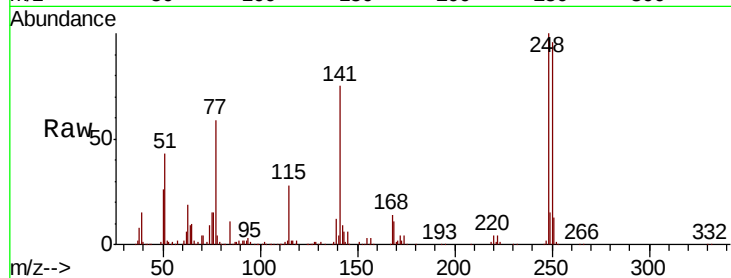




#67
4-Bromophenyl-phenylether
Concen: 42.109 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	75.3	55.6	83.4

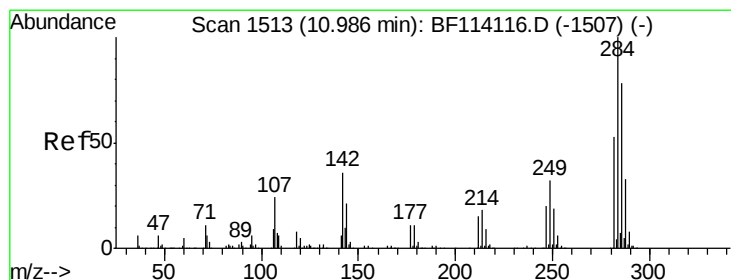
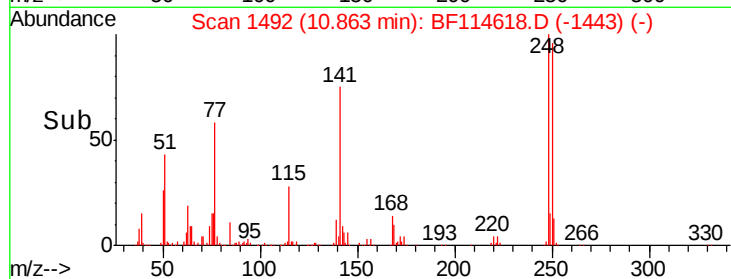
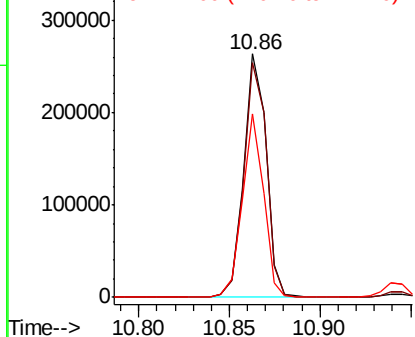


Abundance

Ion 248.00 (247.70 to 248.70): E

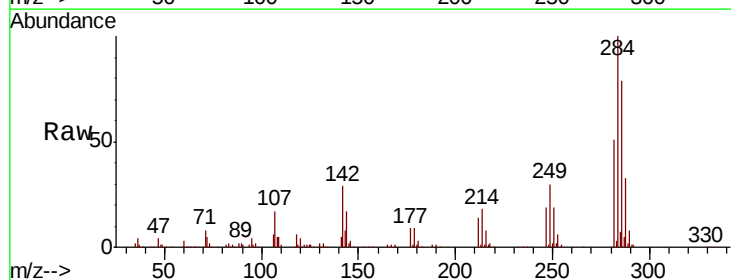
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.519 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	28.4	42.6
249	29.6	25.2	37.8

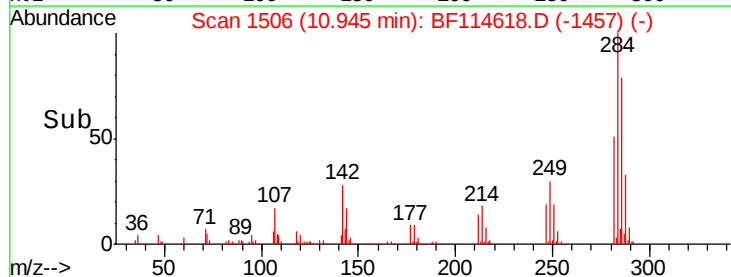
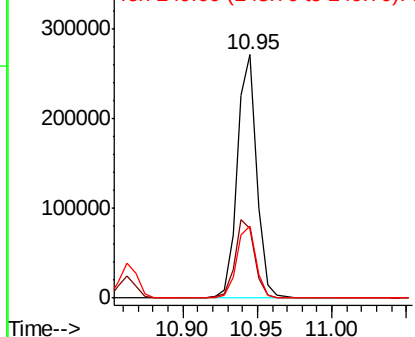


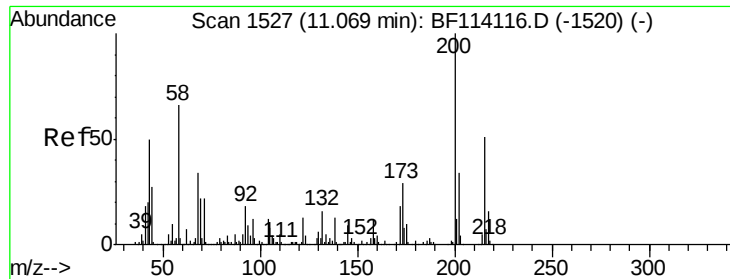
Abundance

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

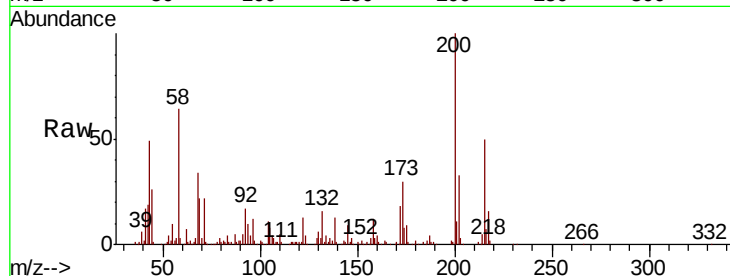




#69
Atrazine
Concen: 42.835 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.2	8.9	48.9
215	50.1	30.7	70.7

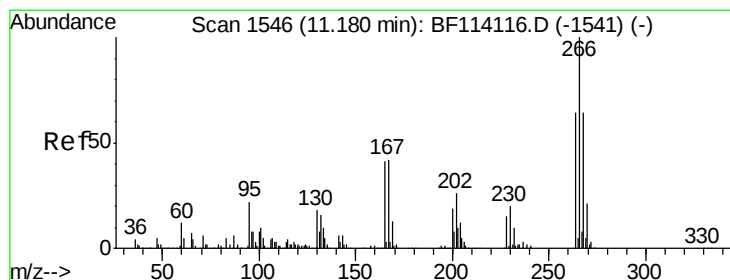
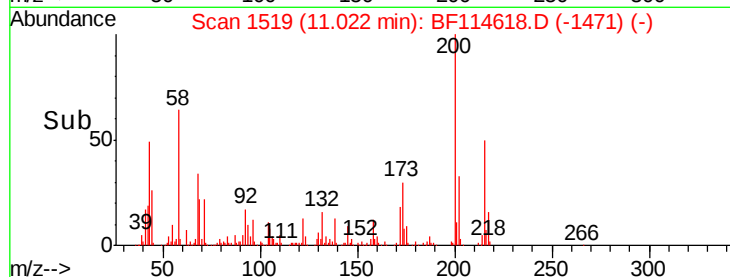
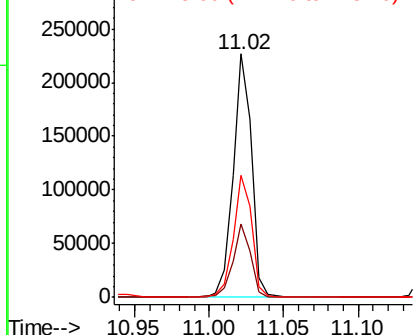


Abundance

Ion 200.00 (199.70 to 200.70): E

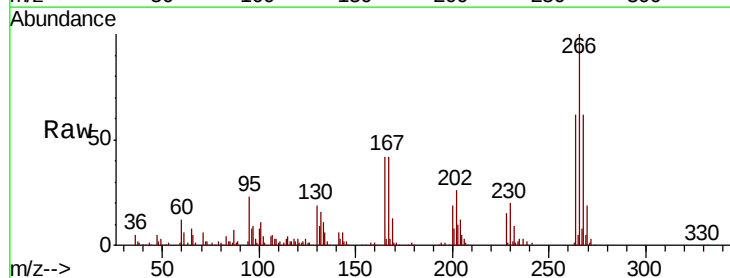
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 52.351 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	62.2	51.1	76.7

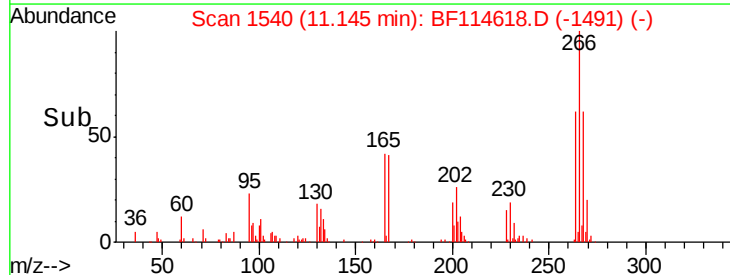
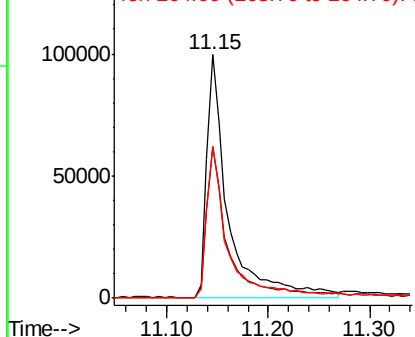


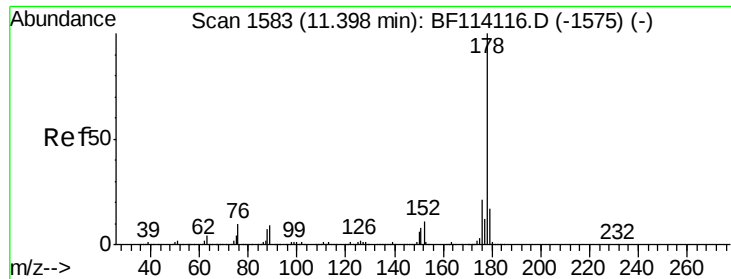
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

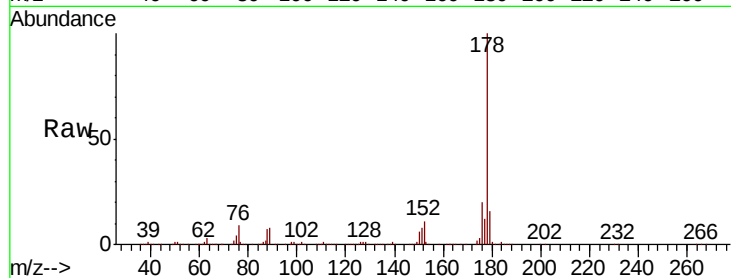




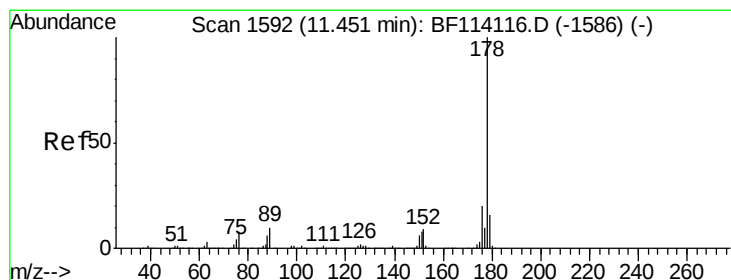
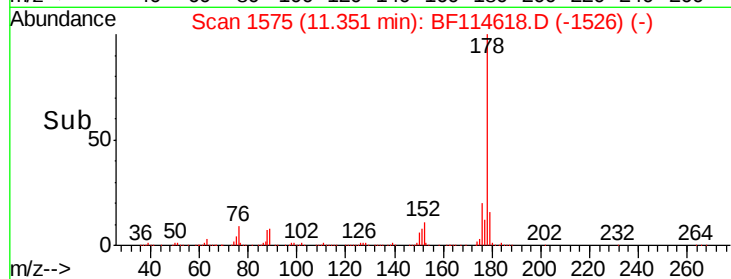
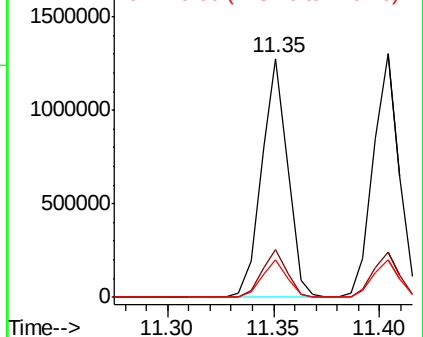
#71
Phenanthrene
Concen: 45.931 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1094630
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 15.6 13.2 19.8

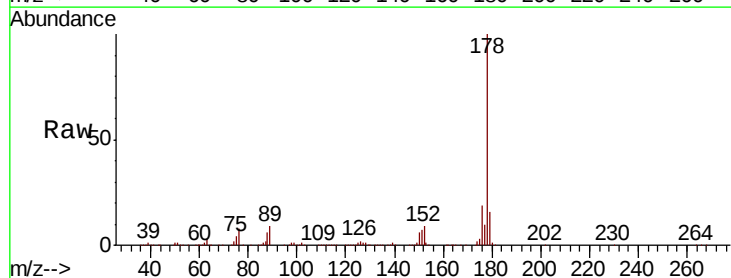


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

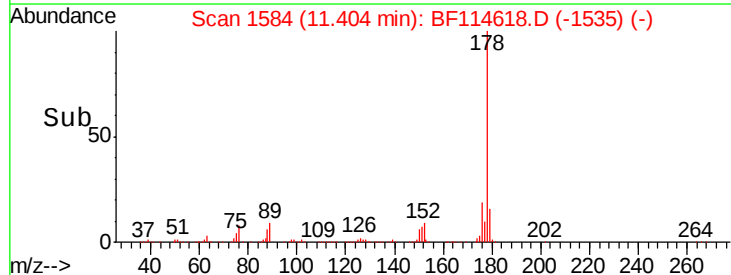
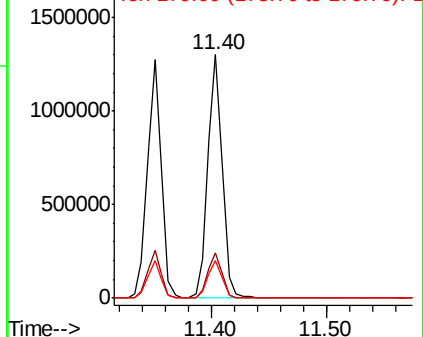


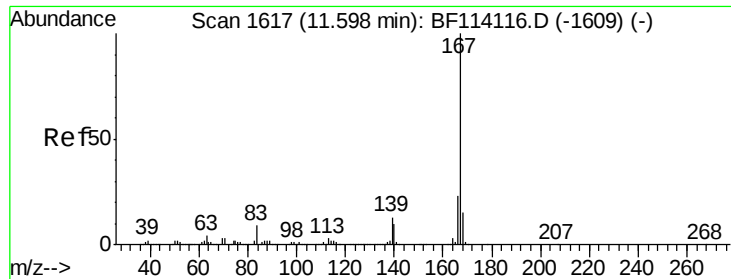
#72
Anthracene
Concen: 47.105 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:178 Resp: 1127546
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

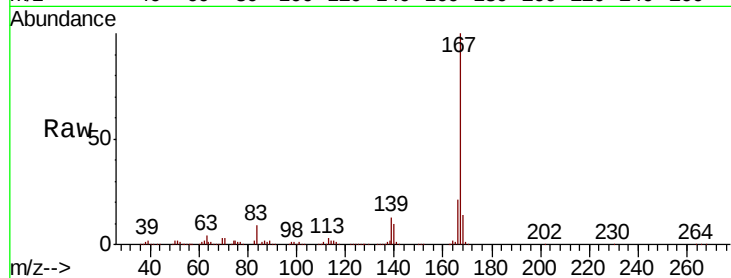




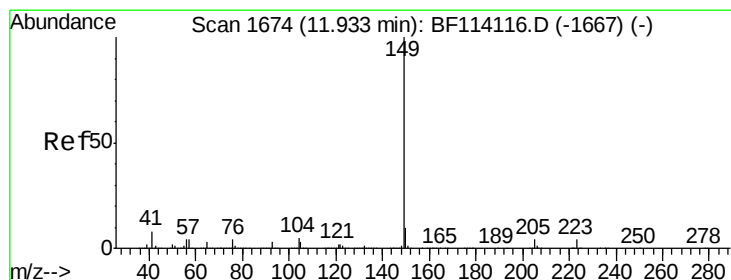
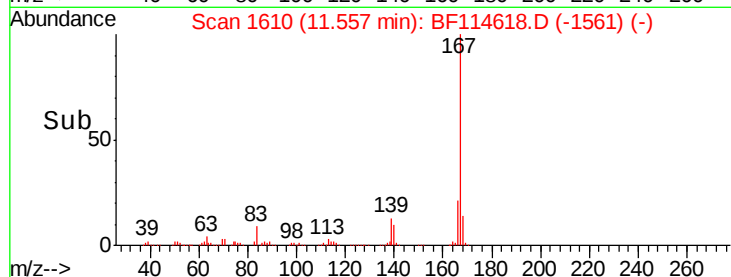
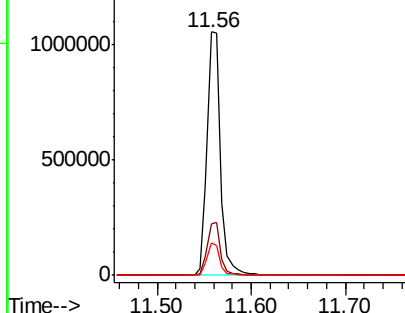
#73
 Carbazole
 Concen: 46.539 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1062317
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.2 27.2
 139 13.2 10.6 16.0

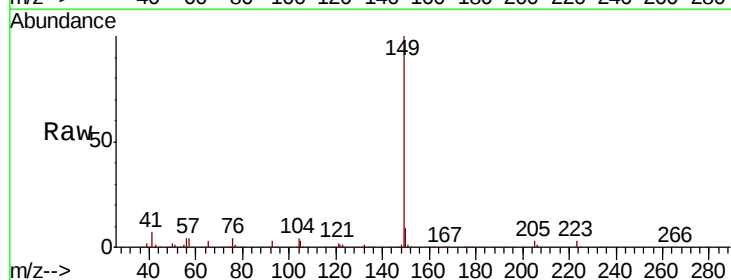


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

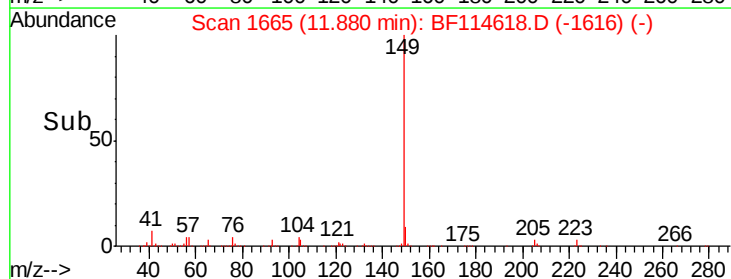
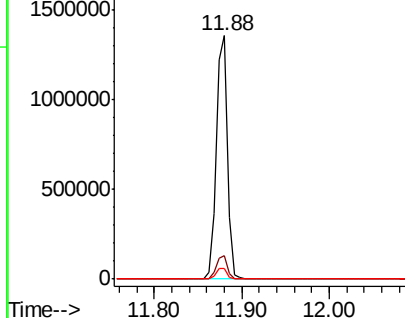


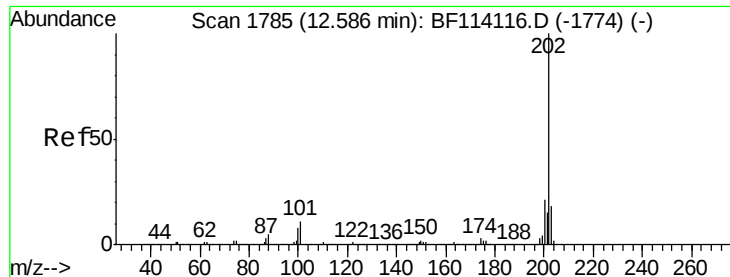
#74
 Di-n-butylphthalate
 Concen: 45.462 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114618.D
 Acq: 25 May 2019 21:34

Tgt Ion:149 Resp: 1195538
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.2 3.6 5.4



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





#75

Fluoranthene

Concen: 46.154 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

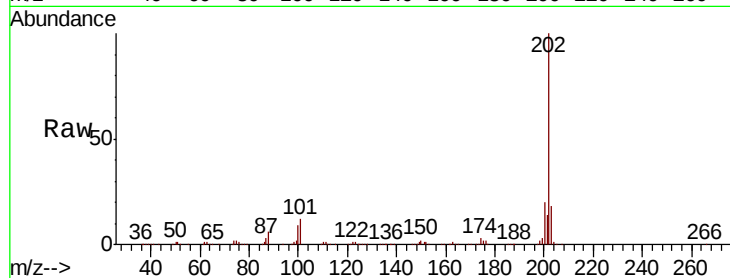
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1184493

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.0
203	18.0	0.0	38.4

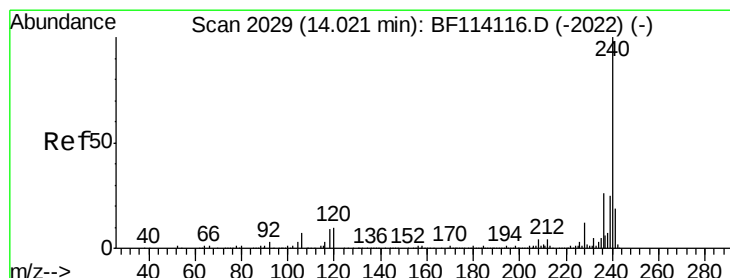
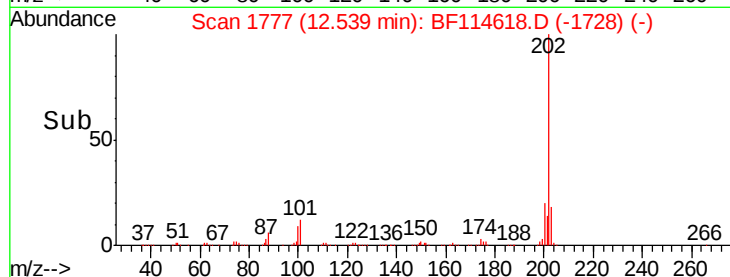
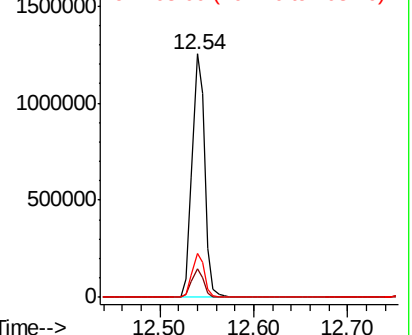


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

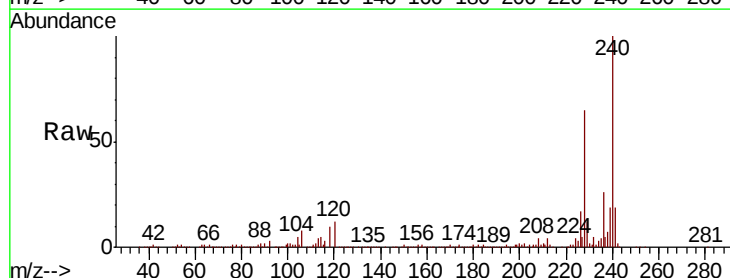
Delta R.T. -0.02 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Tgt Ion:240 Resp: 348047

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	26.0	20.8	31.2

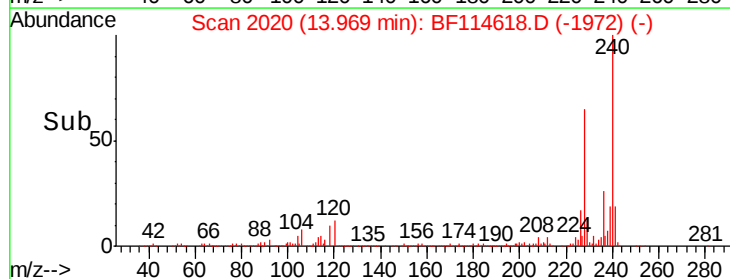
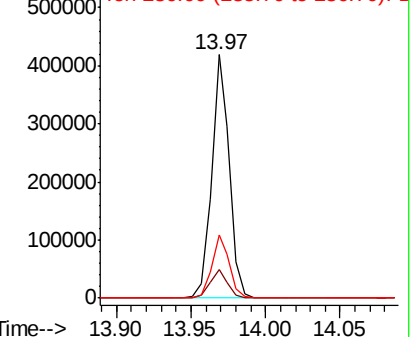


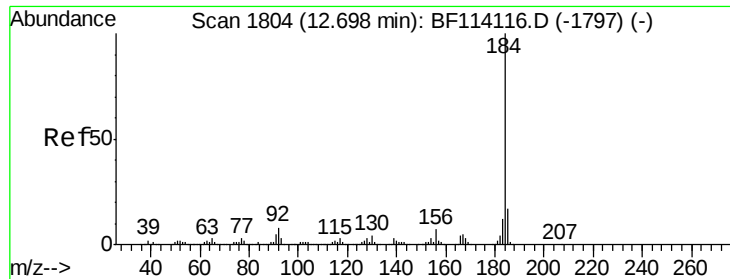
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.958 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampleId :

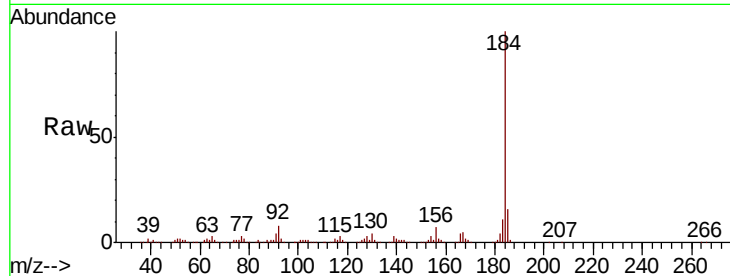
Tot Ion:184 Resp: 577412

Ion Ratio Lower Upper

184 100

185 15.9 13.6 20.4

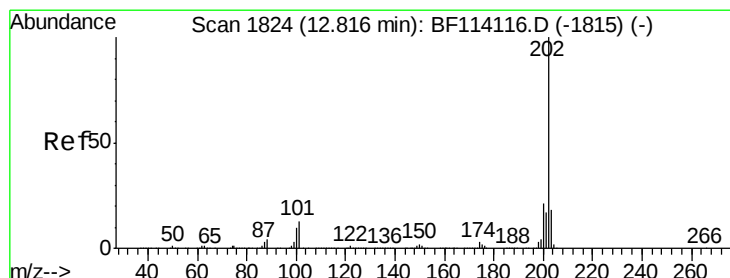
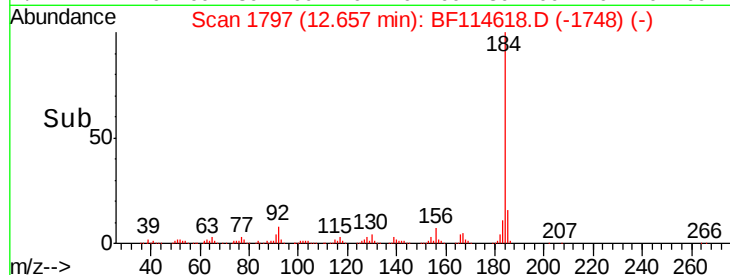
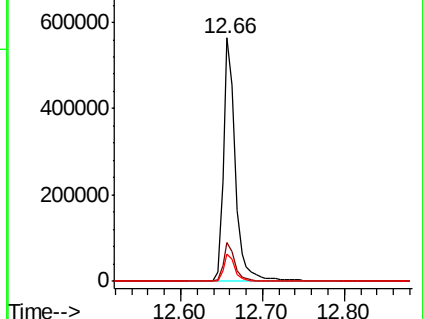
183 11.1 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.467 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

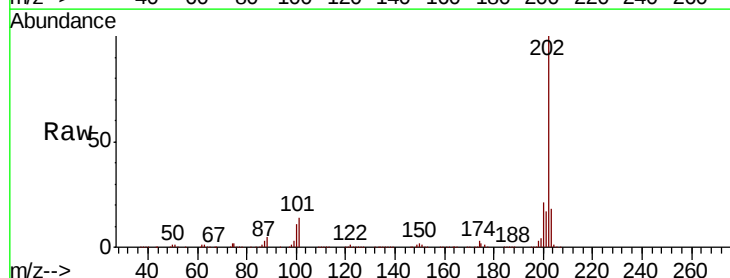
Tgt Ion:202 Resp: 1189030

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

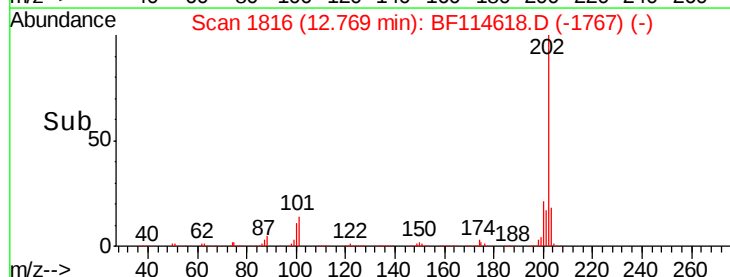
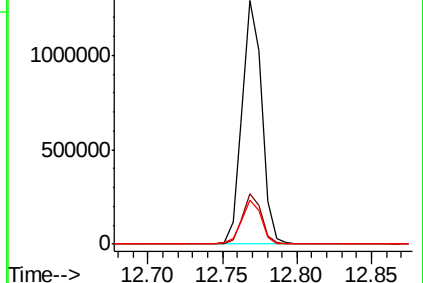
203 17.9 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.622 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampleId :

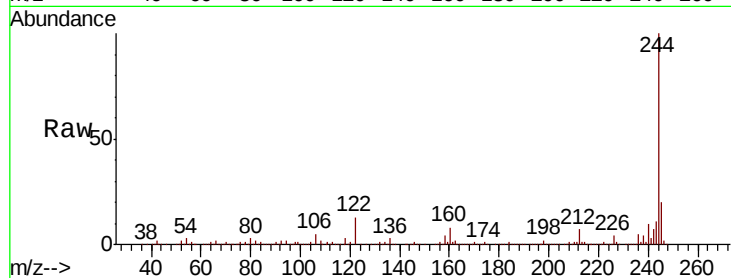
Tot Ion:244 Resp: 1530041

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

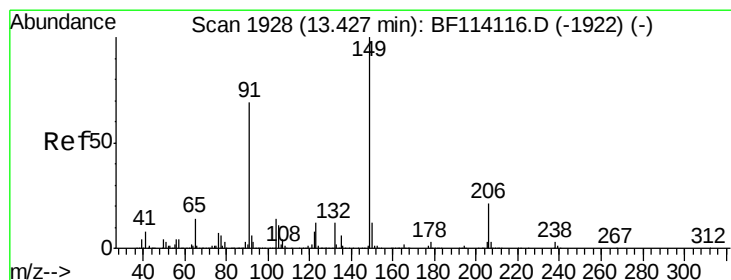
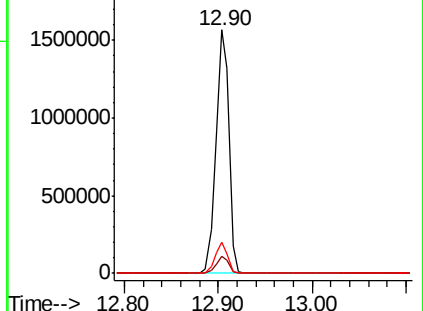
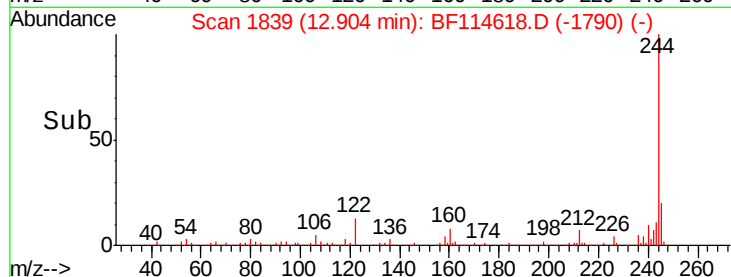
122 13.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.303 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

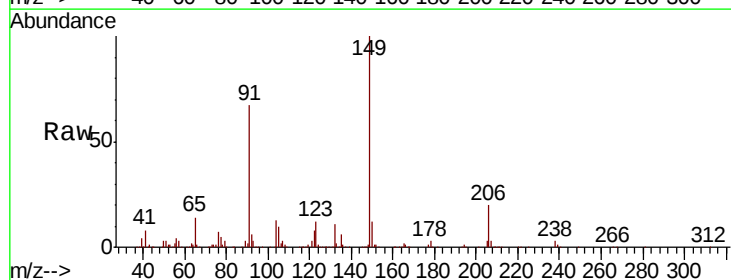
Tgt Ion:149 Resp: 522111

Ion Ratio Lower Upper

149 100

91 66.8 55.0 82.4

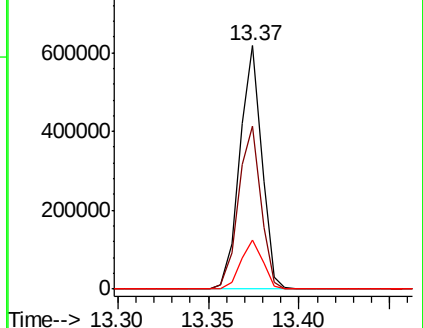
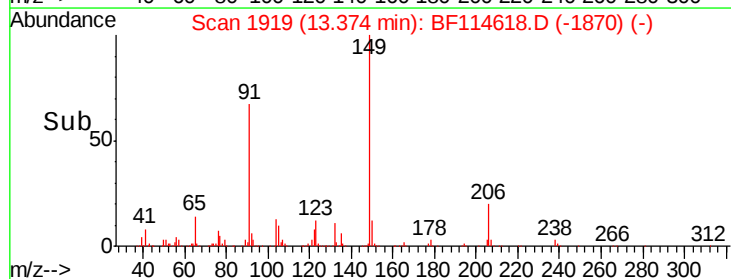
206 20.0 16.9 25.3

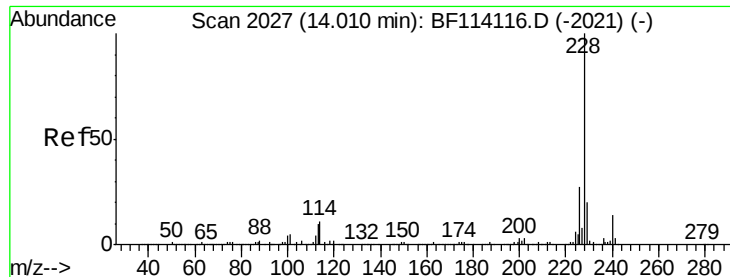


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.760 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampled :

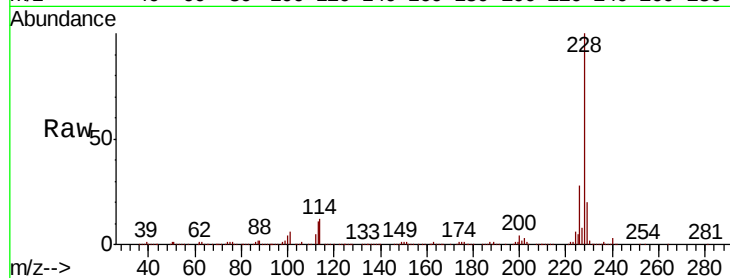
Tot Ion:228 Resp: 985106

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

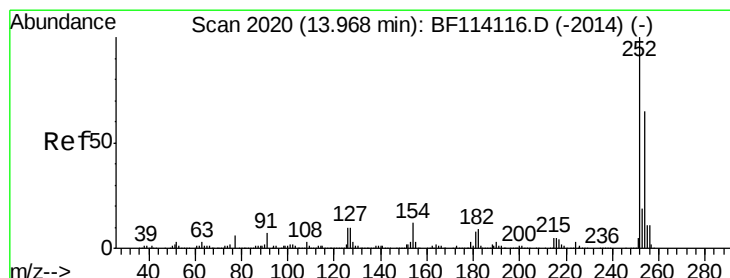
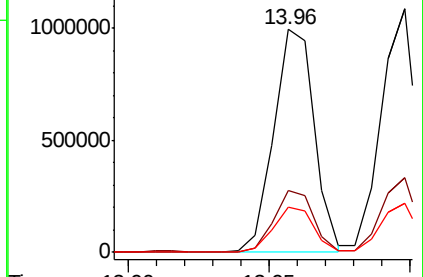
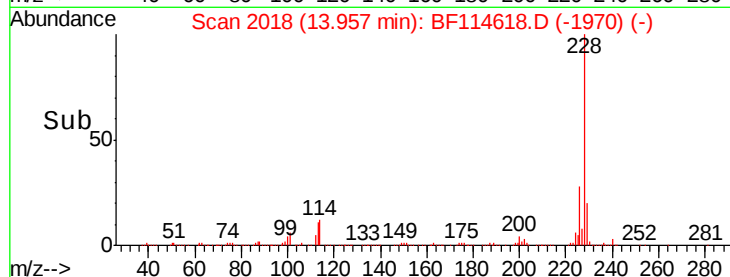
229 20.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.557 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

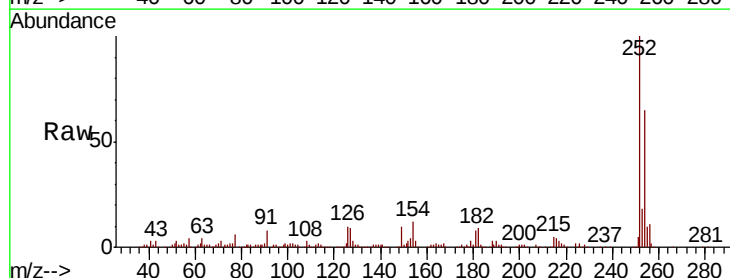
Tgt Ion:252 Resp: 293052

Ion Ratio Lower Upper

252 100

254 65.2 51.9 77.9

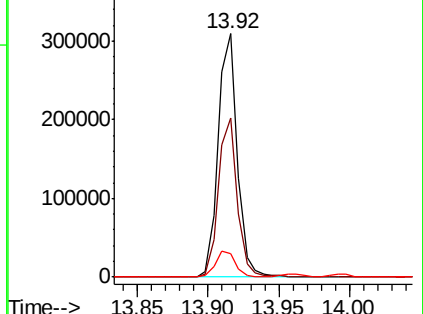
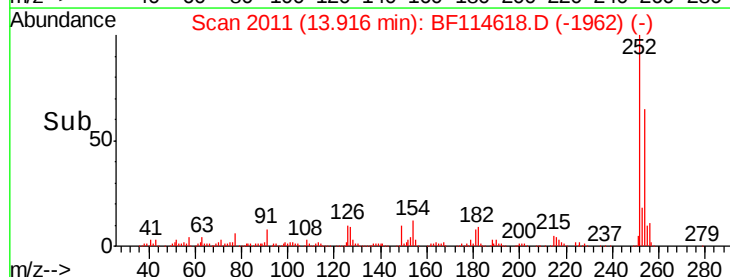
126 9.8 7.9 11.9

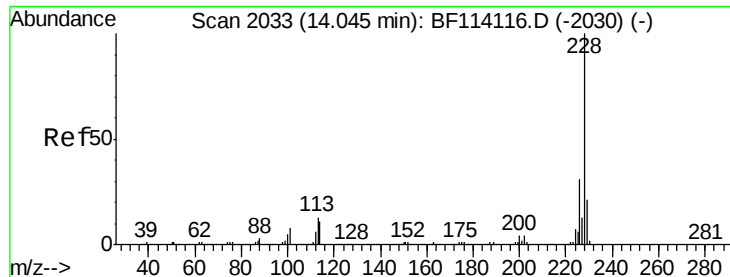


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 44.338 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Instrument :

BNA_F

ClientSampleId :

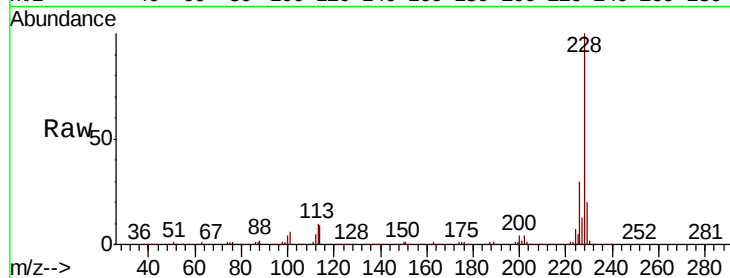
Tot Ion:228 Resp: 978424

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

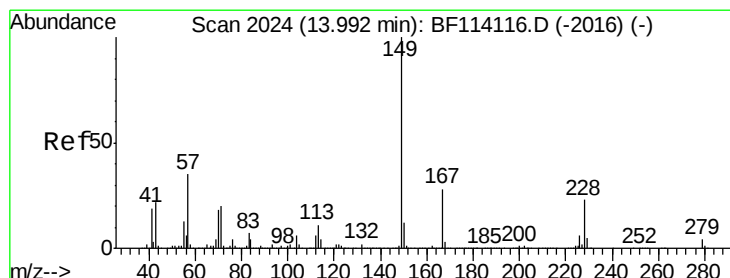
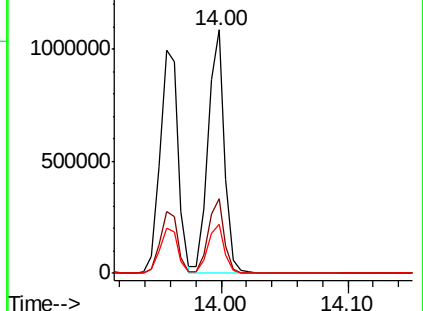
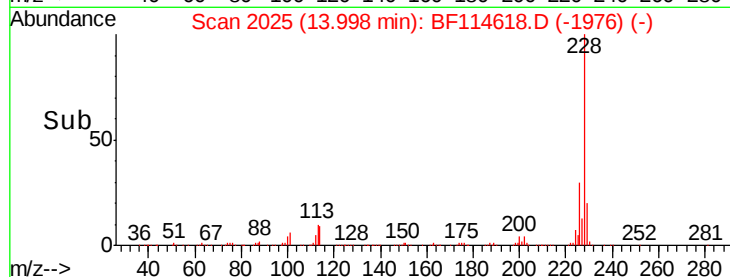
229 20.1 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.279 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

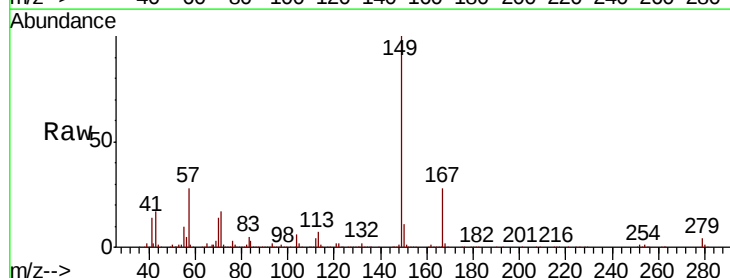
Tgt Ion:149 Resp: 697884

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

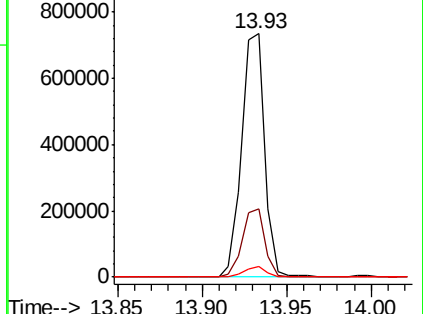
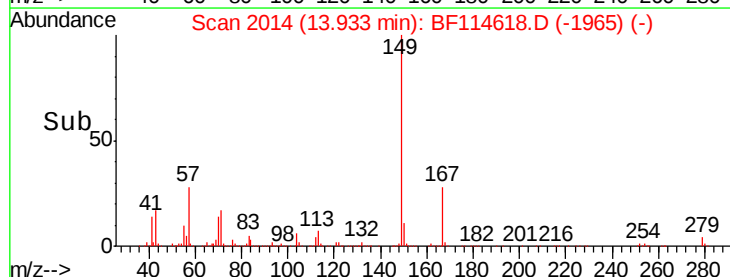
279 4.5 3.0 4.6

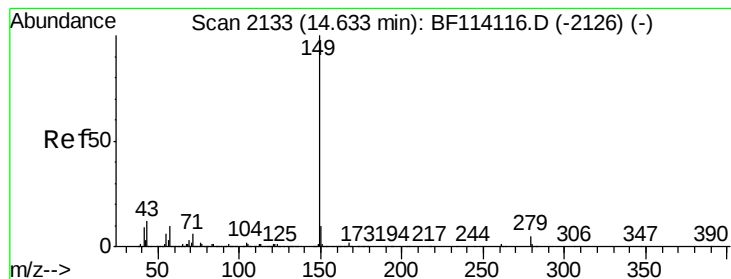


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.245 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

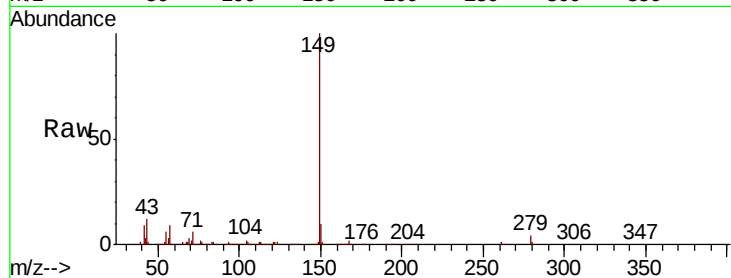
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1155457

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.9	10.1	15.1

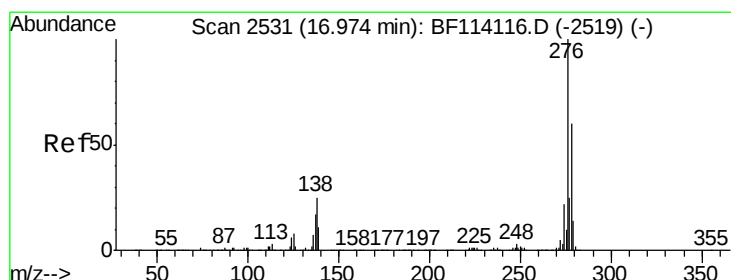
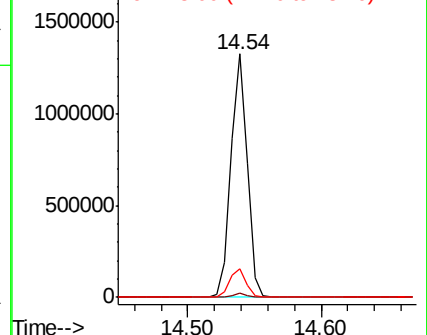
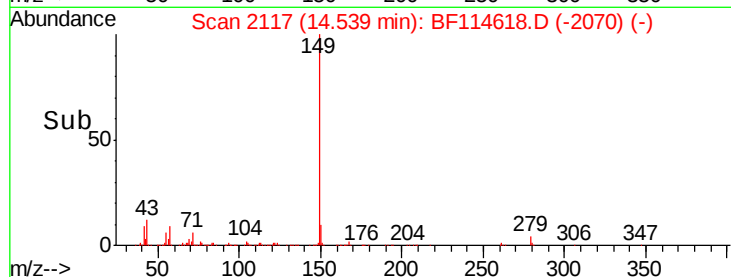


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.286 ng

RT: 16.89 min Scan# 2517

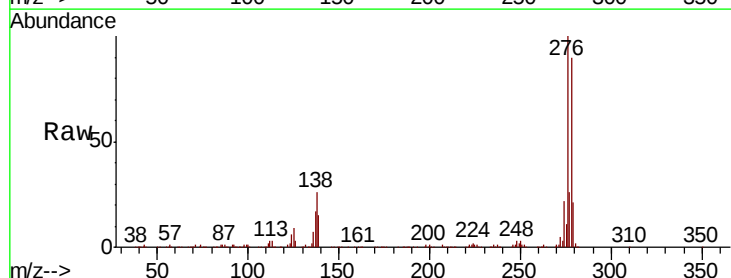
Delta R.T. -0.04 min

Lab File: BF114618.D

Acq: 25 May 2019 21:34

Tgt Ion:276 Resp: 902712

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.2	30.2
277	25.2	20.0	30.0

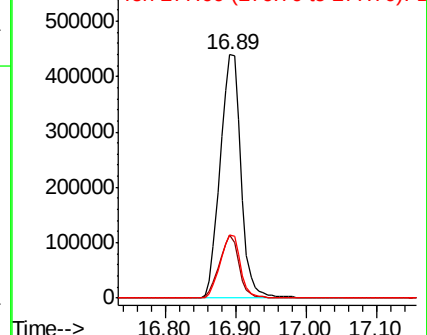
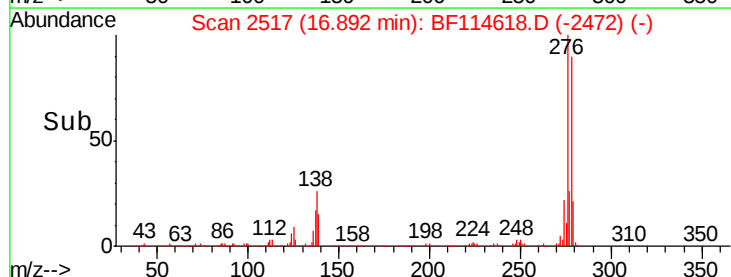


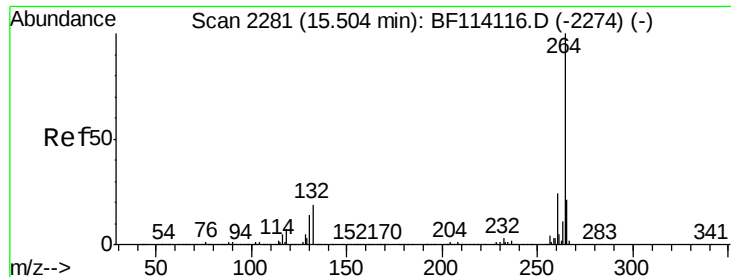
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

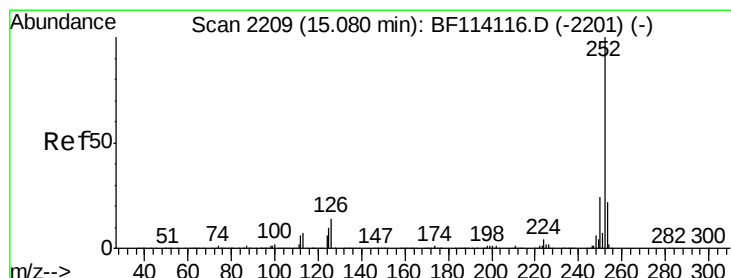
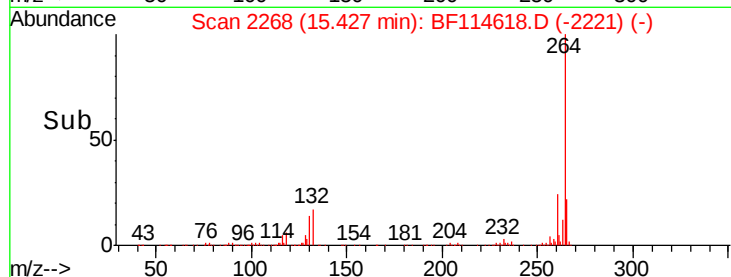
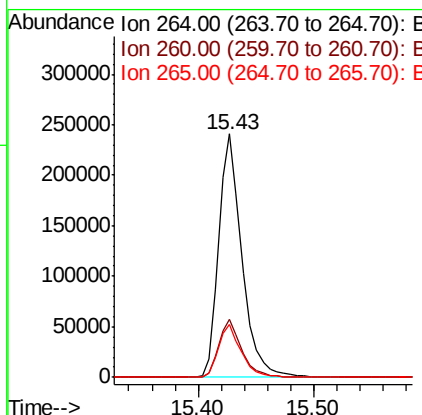
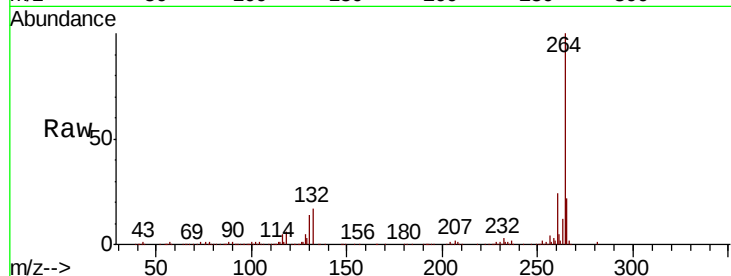




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

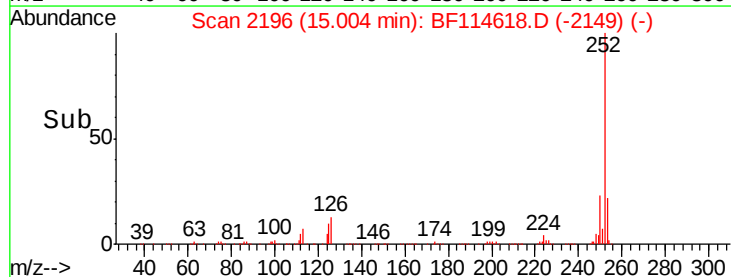
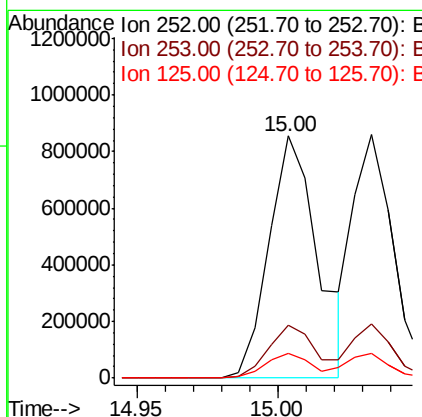
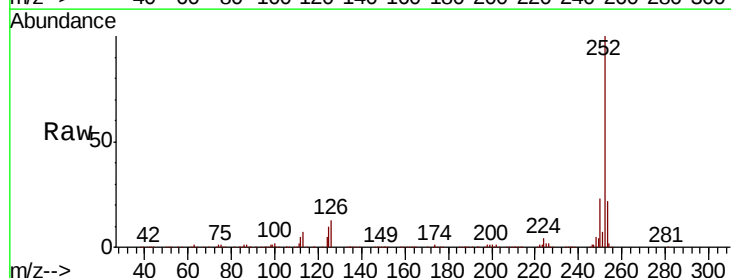
Instrument :
BNA_F
ClientSampleId :

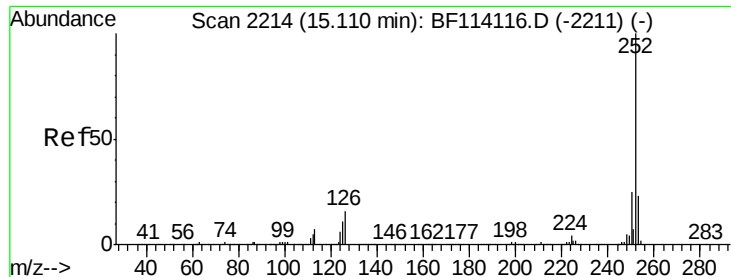
Tot Ion:264 Resp: 335681
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 21.7 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 47.793 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:252 Resp: 1027821
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.1 8.3 12.5

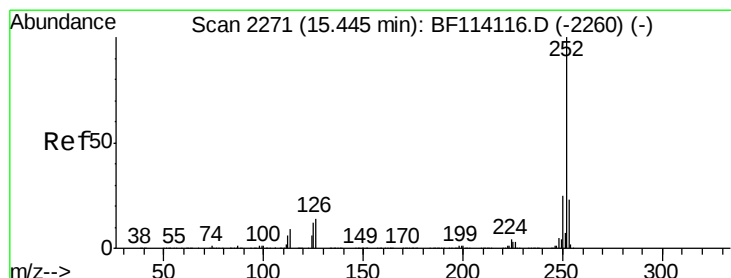
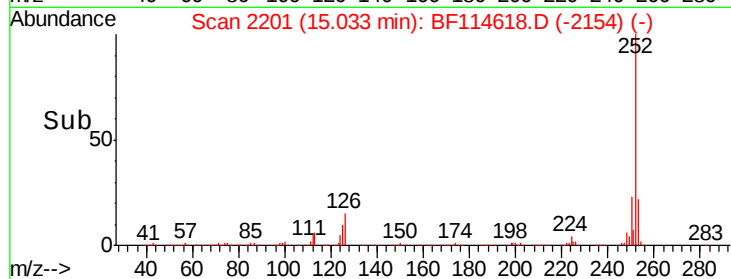
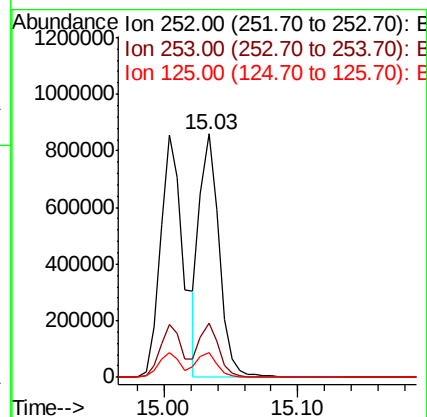
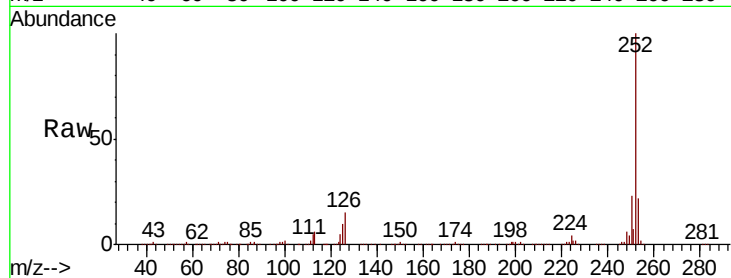




#89
Benzo(k)fluoranthene
Concen: 43.427 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

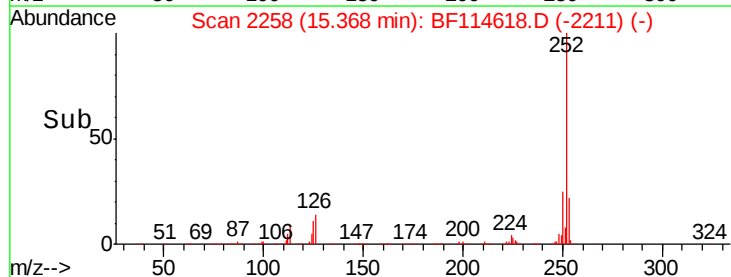
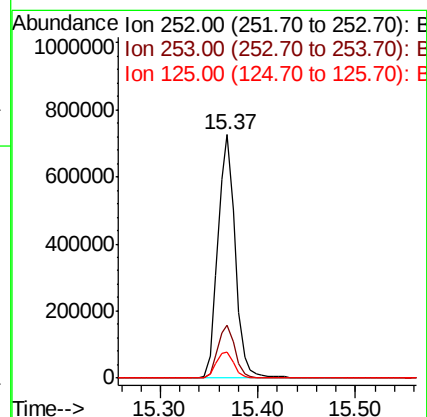
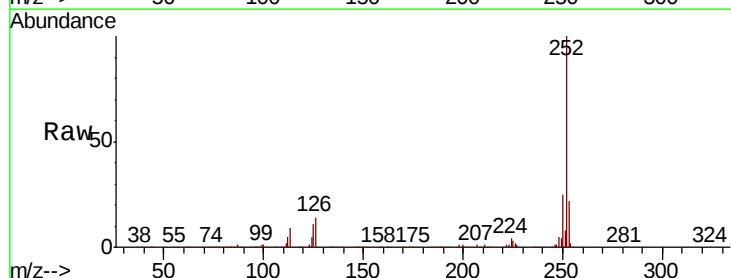
Instrument :
BNA_F
ClientSampleId :

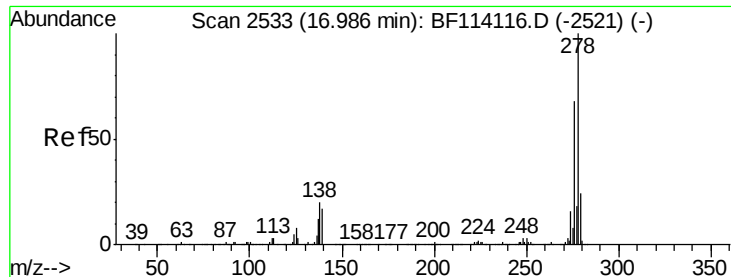
Tot Ion:252 Resp: 857912
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 47.251 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:252 Resp: 894306
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 10.7 9.5 14.3

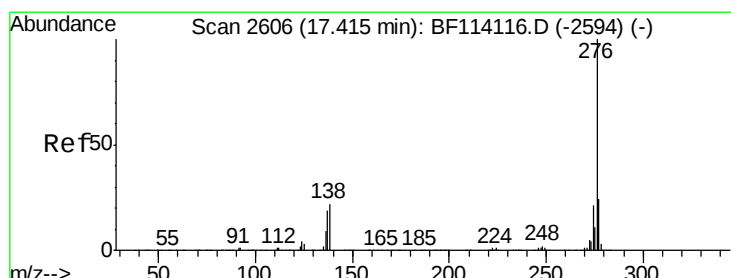
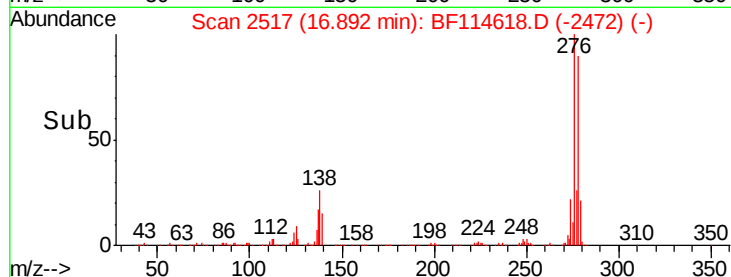
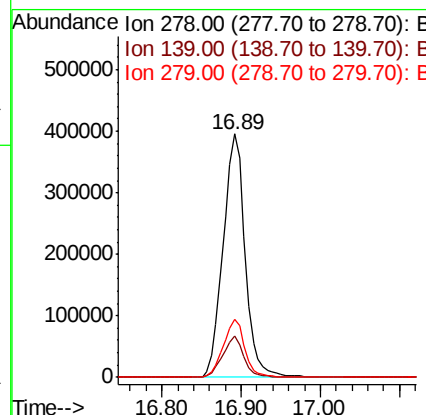
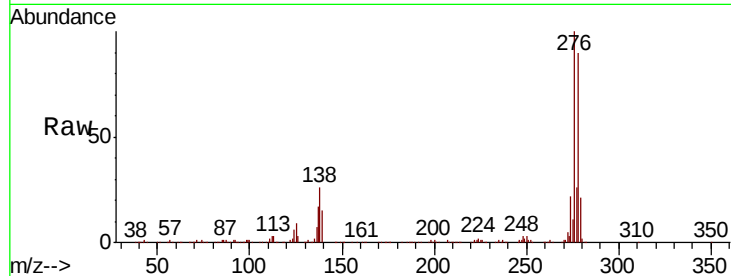




#91
Dibenzo(a,h)anthracene
Concen: 48.519 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 763064
Ion Ratio Lower Upper
278 100
139 16.8 13.5 20.3
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 49.706 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.04 min
Lab File: BF114618.D
Acq: 25 May 2019 21:34

Tgt Ion:276 Resp: 783417
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 21.3 17.8 26.6

