

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114613.D
 Acq On : 25 May 2019 19:23
 Operator : JU/SJ
 Sample : PB119919BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Quant Time: May 26 23:46:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 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	140766	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	536472	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	259687	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	510510	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	348611	20.00	ng	-0.02
87) Perylene-d12	15.43	264	366137	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1129155	129.09	ng	0.00
7) Phenol-d6	6.45	99	1441120	139.30	ng	-0.01
23) Nitrobenzene-d5	7.37	82	862495	90.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	346941	129.23	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1563133	91.05	ng	-0.02
79) Terphenyl-d14	12.90	244	1569652	92.82	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	210288	43.737	ng	99
3) Pyridine	3.36	79	396051	29.897	ng	99
4) n-Nitrosodimethylamine	3.30	42	218897	34.267	ng	98
6) Aniline	6.47	93	416837	27.892	ng	# 52
8) 2-Chlorophenol	6.59	128	410842	43.996	ng	96
9) Benzaldehyde	6.35	77	197421	27.258	ng	97
10) Phenol	6.46	94	502298	41.272	ng	85
11) bis(2-Chloroethyl)ether	6.53	93	391183	42.338	ng	99
12) 1,3-Dichlorobenzene	6.74	146	420274	40.094	ng	98
13) 1,4-Dichlorobenzene	6.82	146	435325	41.214	ng	98
14) 1,2-Dichlorobenzene	6.97	146	398887	41.335	ng	99
15) Benzyl Alcohol	6.95	79	325494	40.339	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	691537	38.601	ng	60
17) 2-Methylphenol	7.07	107	329287	42.927	ng	# 90
18) Hexachloroethane	7.30	117	157641	39.760	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	272573	41.566	ng	99
20) 3+4-Methylphenols	7.22	107	427255	48.208	ng	# 69
22) Acetophenone	7.21	105	549764	46.259	ng	# 89
24) Nitrobenzene	7.39	77	427695	43.928	ng	96
25) Isophorone	7.62	82	766929	43.259	ng	99
26) 2-Nitrophenol	7.70	139	221225	46.833	ng	98
27) 2,4-Dimethylphenol	7.75	122	360757	48.626	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	486531	42.295	ng	99
29) 2,4-Dichlorophenol	7.96	162	343599	46.511	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	359608	42.808	ng	99
31) Naphthalene	8.10	128	1159324	46.263	ng	98
32) Benzoic acid	7.90	122	197778	38.940	ng	97
33) 4-Chloroaniline	8.16	127	303536	26.581	ng	98
34) Hexachlorobutadiene	8.22	225	199807	41.802	ng	99
35) Caprolactam	8.53	113	59890	24.862	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	357208	48.037	ng	99
37) 2-Methylnaphthalene	8.80	142	771408	47.711	ng	98
38) 1-Methylnaphthalene	8.90	142	741647	48.709	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	357498	45.446	ng	99

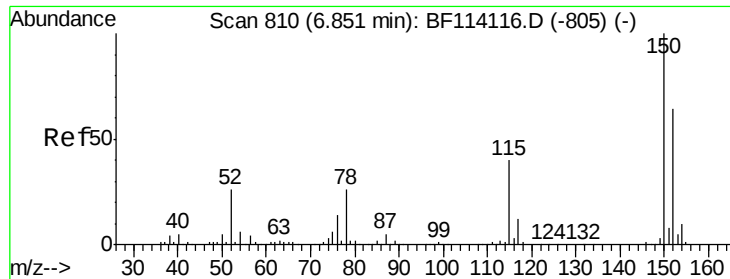
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	152809	43.766	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	217443	40.187	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	224649	40.485	nq	97
46) 1,1'-Biphenyl	9.26	154	961536	45.833	nq	99
47) 2-Chloronaphthalene	9.29	162	726206	43.012	nq	99
48) 2-Nitroaniline	9.39	65	244950	40.908	nq	97
49) Acenaphthylene	9.70	152	1156707	45.044	nq	97
50) Dimethylphthalate	9.56	163	812213	42.606	nq	100
51) 2,6-Dinitrotoluene	9.63	165	183642	43.432	nq	95
52) Acenaphthene	9.87	154	676840	42.952	nq	99
53) 3-Nitroaniline	9.80	138	148988	28.386	nq	97
54) 2,4-Dinitrophenol	9.93	184	149190	70.999	nq	93
55) Dibenzofuran	10.05	168	981476	42.476	nq	99
56) 4-Nitrophenol	9.99	139	186263	50.181	nq	99
57) 2,4-Dinitrotoluene	10.05	165	230091	40.093	nq	# 80
58) Fluorene	10.39	166	810725	45.424	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	191601	40.018	nq	100
60) Diethylphthalate	10.26	149	820616	42.366	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	380621	43.420	nq	98
62) 4-Nitroaniline	10.42	138	201410	36.518	nq	97
63) Azobenzene	10.54	77	794082	42.354	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	107370	43.770	nq	80
66) n-Nitrosodiphenylamine	10.50	169	711273	45.906	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	235941	41.975	nq	96
68) Hexachlorobenzene	10.94	284	255657	41.114	nq	92
69) Atrazine	11.02	200	207599	43.055	nq	98
70) Pentachlorophenol	11.14	266	165058	55.995	nq	99
71) Phenanthrene	11.35	178	1130480	45.516	nq	99
72) Anthracene	11.40	178	1184468	47.480	nq	98
73) Carbazole	11.56	167	1091727	45.892	nq	98
74) Di-n-butylphthalate	11.88	149	1234880	45.058	nq	99
75) Fluoranthene	12.54	202	1208076	45.168	nq	99
77) Benzidine	12.66	184	597441	38.179	nq	97
78) Pyrene	12.77	202	1214677	43.313	nq	99
80) Butylbenzylphthalate	13.37	149	529894	44.891	nq	100
81) Benzo(a)anthracene	13.96	228	1005939	44.613	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	281227	32.151	nq	100
83) Chrysene	14.00	228	980903	44.378	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	694546	44.989	nq	99
85) Di-n-octyl phthalate	14.54	149	1159121	46.316	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	956272	48.953	nq	99
88) Benzo(b)fluoranthene	15.00	252	1080258	46.053	nq	100
89) Benzo(k)fluoranthene	15.03	252	911265	42.291	nq	99
90) Benzo(a)pyrene	15.37	252	956580	46.337	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	805480	46.955	nq	100
92) Benzo(g,h,i)perylene	17.33	276	803796	46.757	nq	98

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

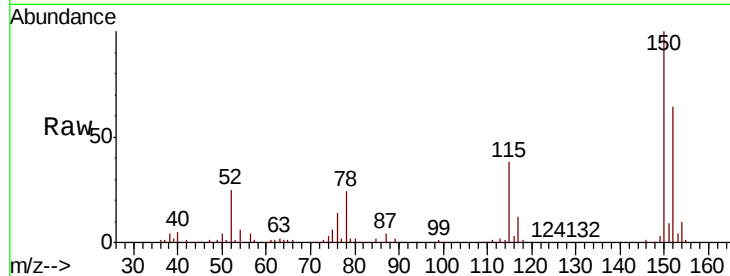


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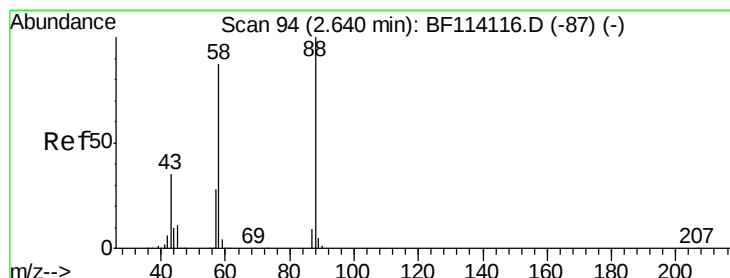
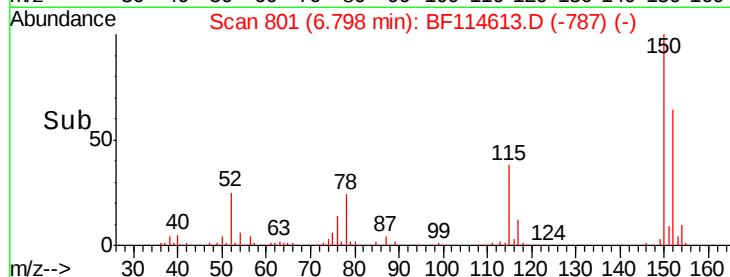
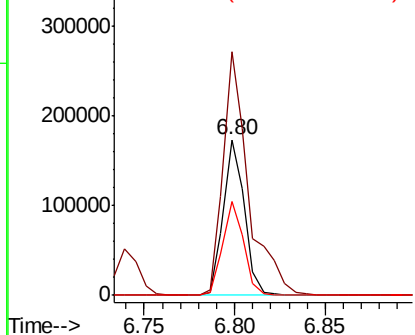
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:152 Resp: 140766
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 59.9 49.1 73.7



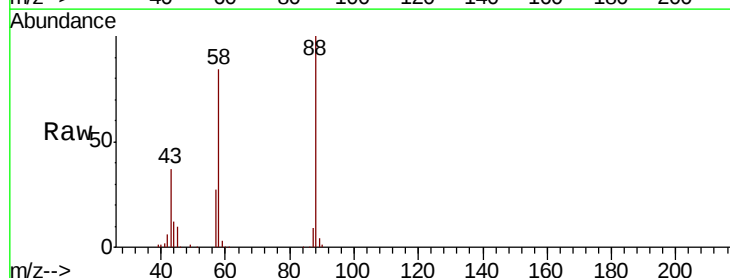
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



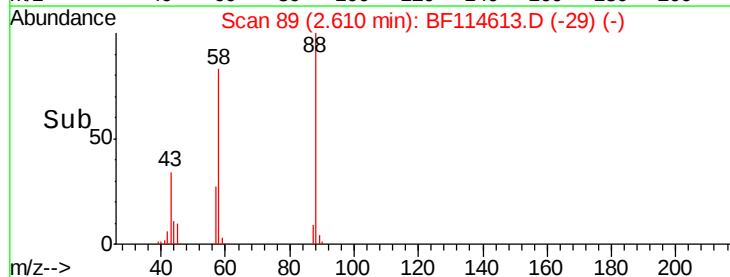
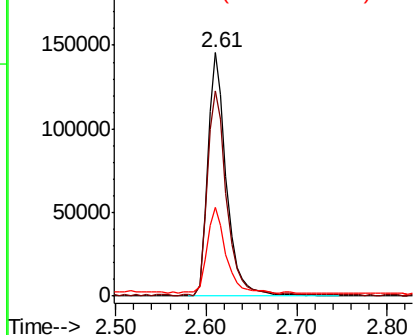
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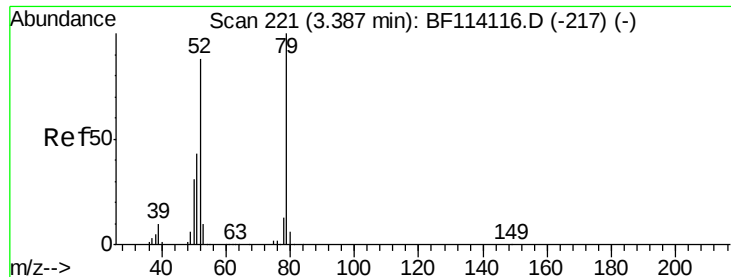
1,4-Dioxane
Concen: 43.737 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.05 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion: 88 Resp: 210288
Ion Ratio Lower Upper
88 100
58 86.8 68.7 103.1
43 35.4 28.2 42.2



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





#3

Pvridine

Concen: 29.897 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

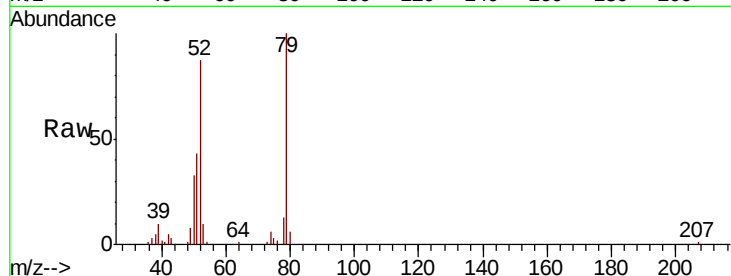
Tot Ion: 79 Resp: 396051

Ion Ratio Lower Upper

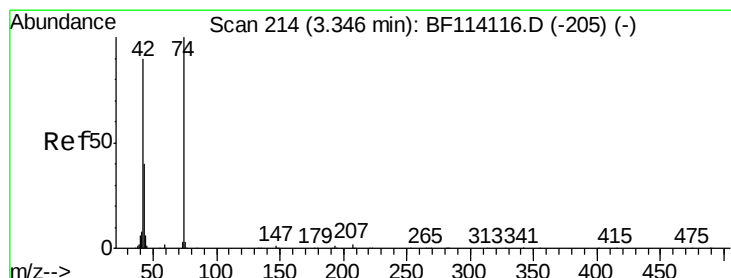
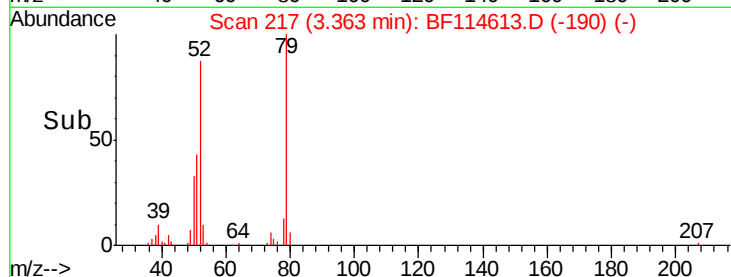
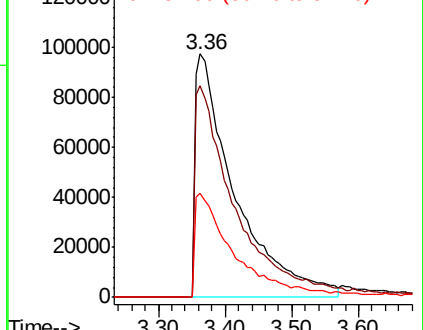
79 100

52 86.8 70.6 105.8

51 42.9 34.2 51.2



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



#4

n-Nitrosodimethylamine

Concen: 34.267 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.04 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

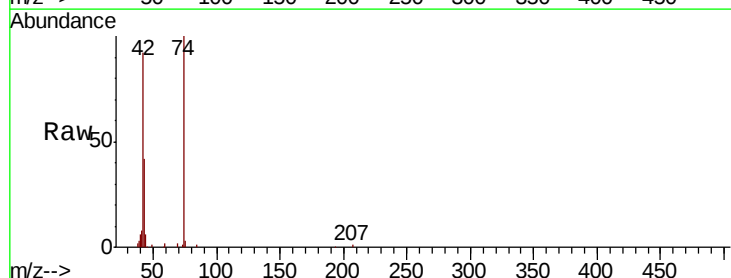
Tgt Ion: 42 Resp: 218897

Ion Ratio Lower Upper

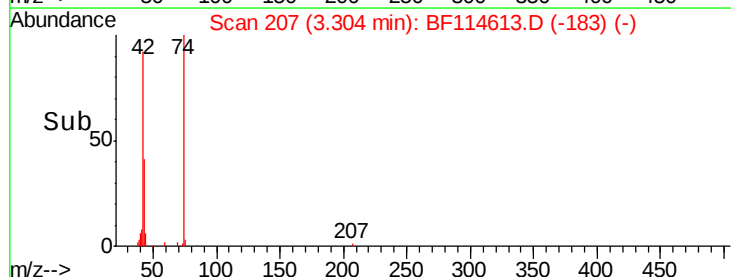
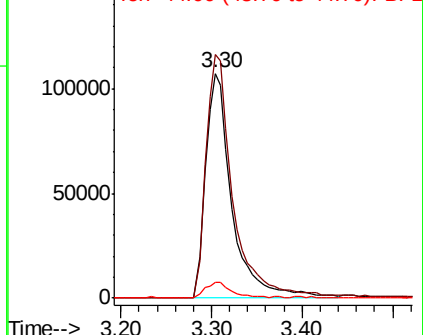
42 100

74 108.4 88.6 132.8

44 7.0 5.5 8.3



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





#5

2-Fluorophenol

Concen: 129.087 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

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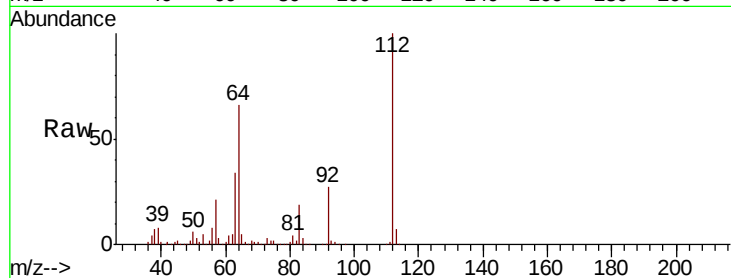
Tot Ion:112 Resp: 1129155

Ion Ratio Lower Upper

112 100

64 66.1 49.0 73.6

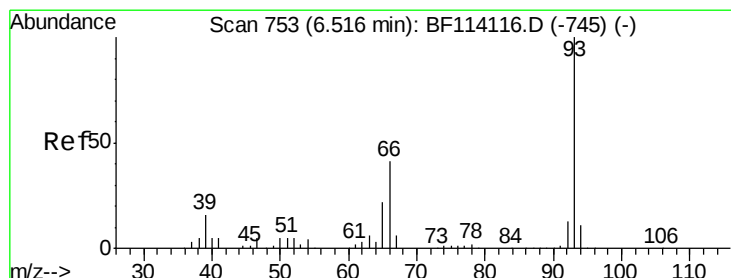
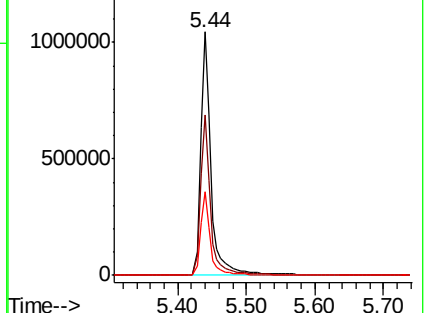
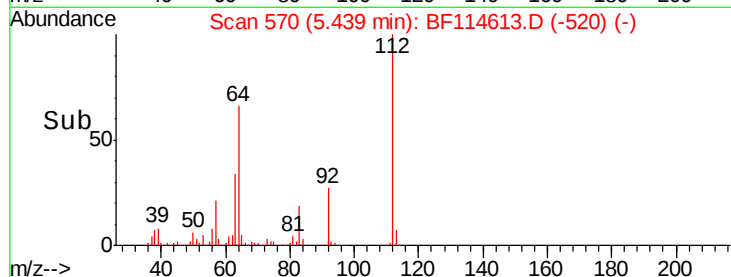
63 34.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.892 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

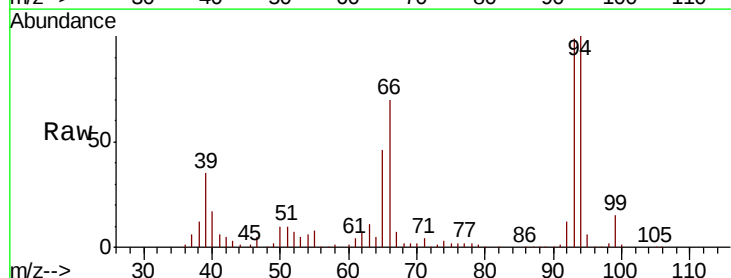
Tgt Ion: 93 Resp: 416837

Ion Ratio Lower Upper

93 100

66 70.8 33.2 49.8#

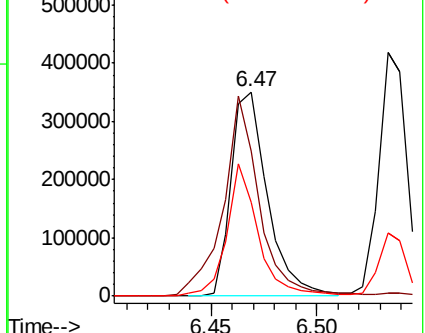
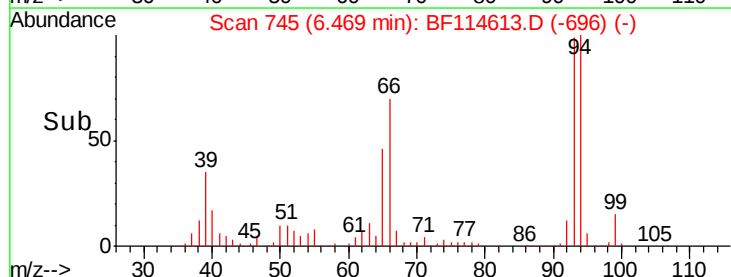
65 46.1 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 139.297 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

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ClientSampleId :

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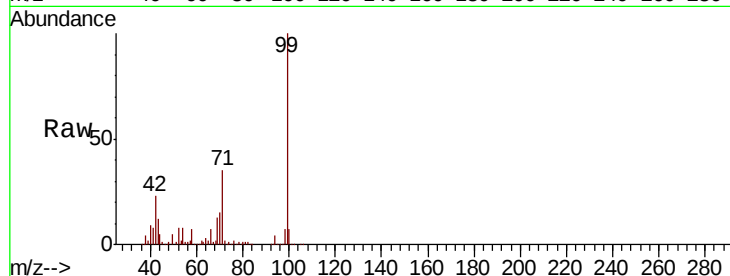
Tot Ion: 99 Resp: 1441120

Ion Ratio Lower Upper

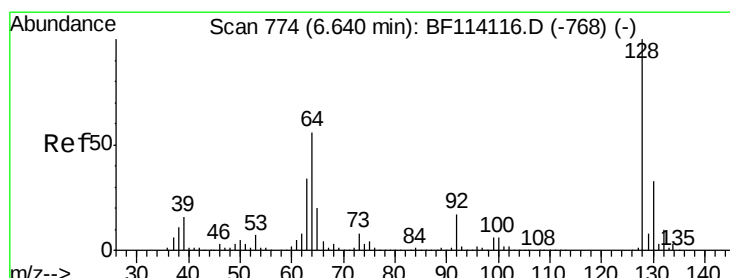
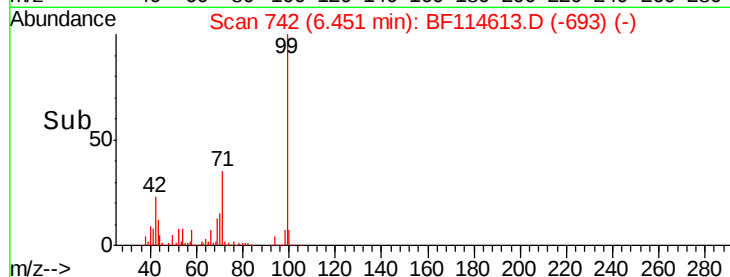
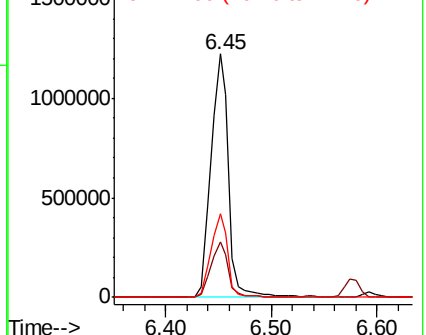
99 100

42 22.7 17.9 26.9

71 34.6 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: 43.996 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

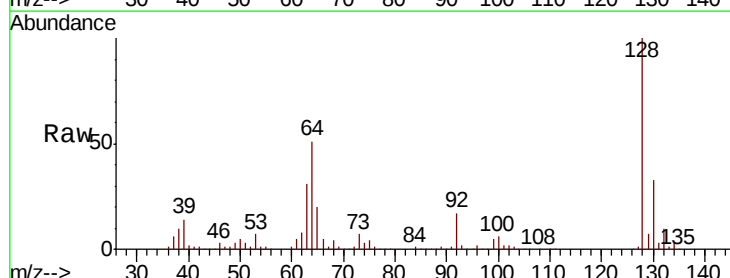
Tgt Ion: 128 Resp: 410842

Ion Ratio Lower Upper

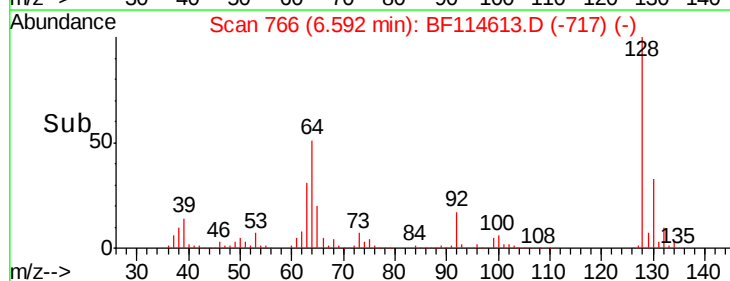
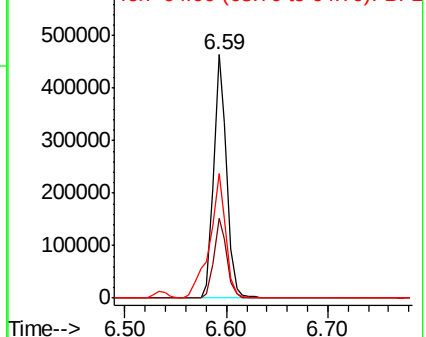
128 100

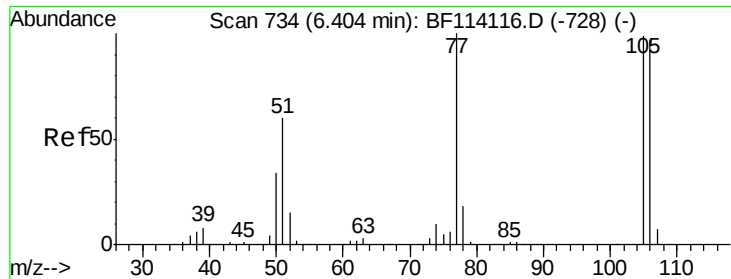
130 32.8 12.6 52.6

64 51.4 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

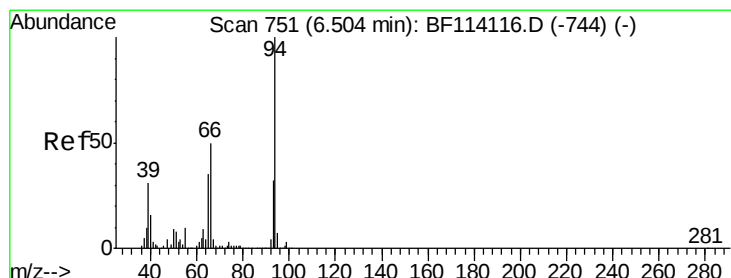
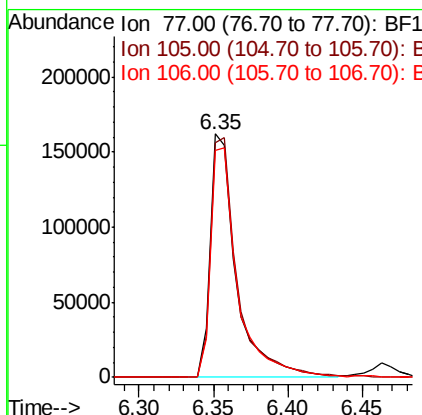
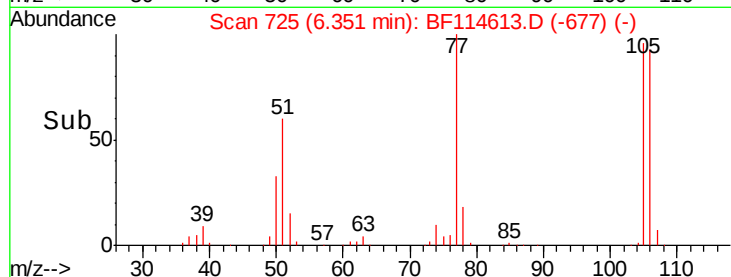
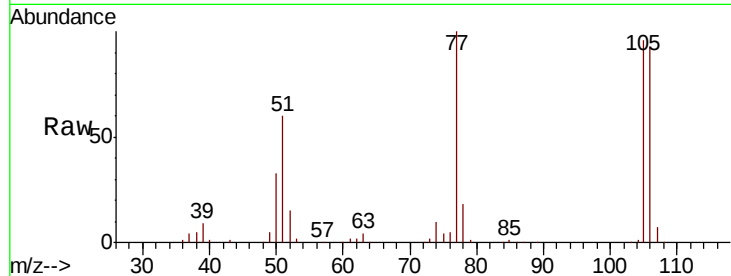




#9
Benzaldehyde
Concen: 27.258 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

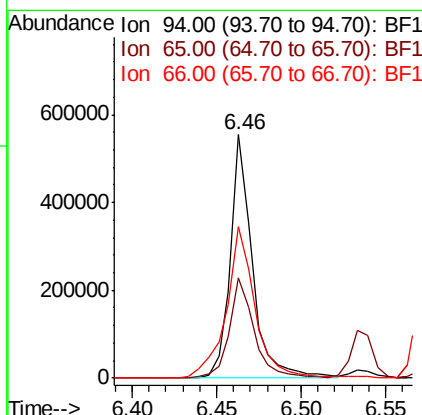
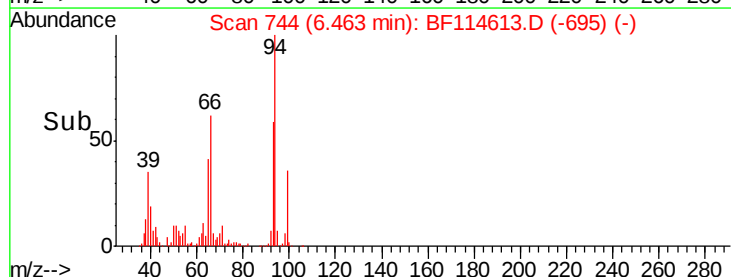
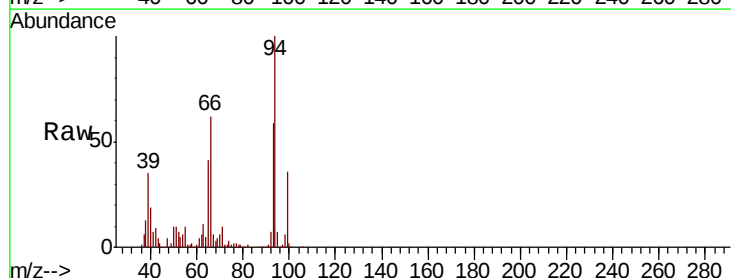
Instrument :
BNA_F
ClientSampleId :
PB119919BS

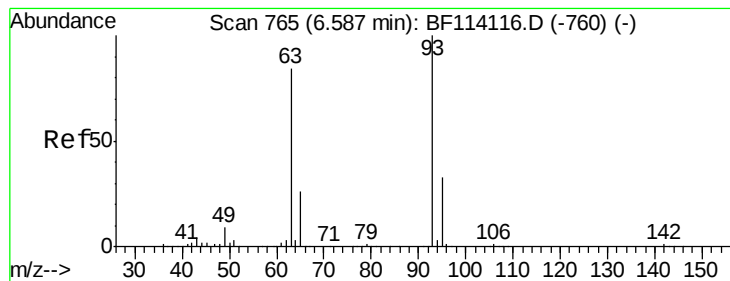
Tot Ion: 77 Resp: 197421
Ion Ratio Lower Upper
77 100
105 96.4 79.3 119.3
106 93.4 77.0 117.0



#10
Phenol
Concen: 41.272 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion: 94 Resp: 502298
Ion Ratio Lower Upper
94 100
65 41.1 14.7 54.7
66 62.1 29.6 69.6

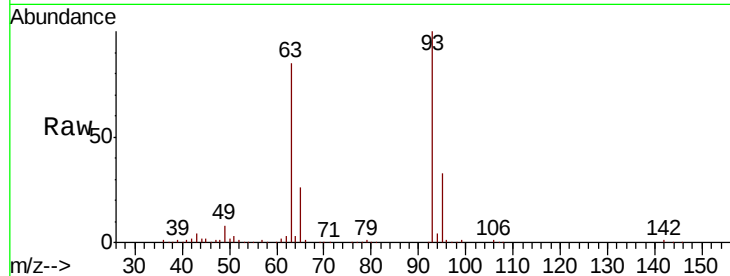




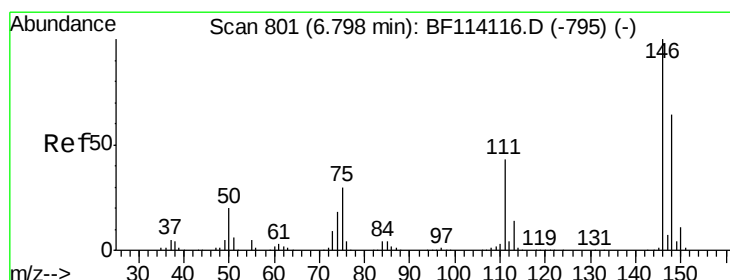
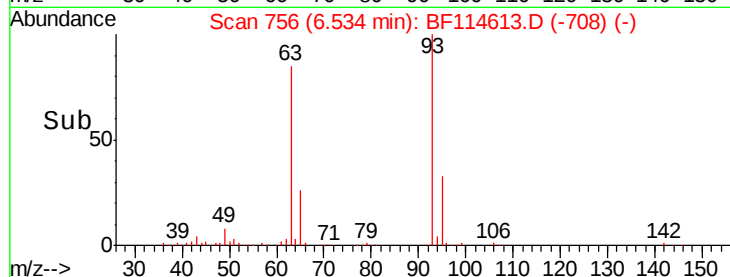
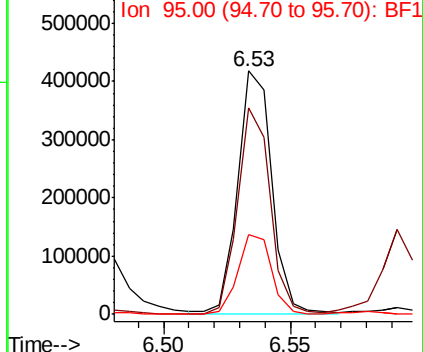
#11
bis(2-Chloroethyl)ether
Concen: 42.338 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion: 93 Resp: 391183
Ion Ratio Lower Upper
93 100
63 84.8 63.6 103.6
95 32.8 13.1 53.1

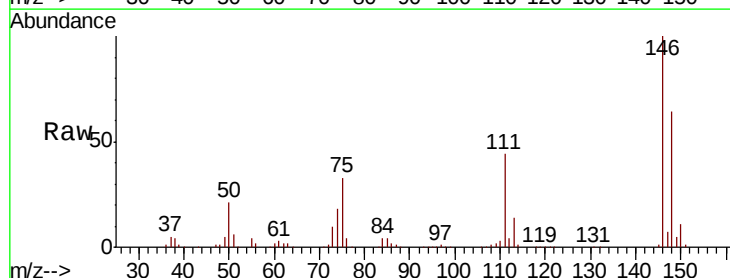


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

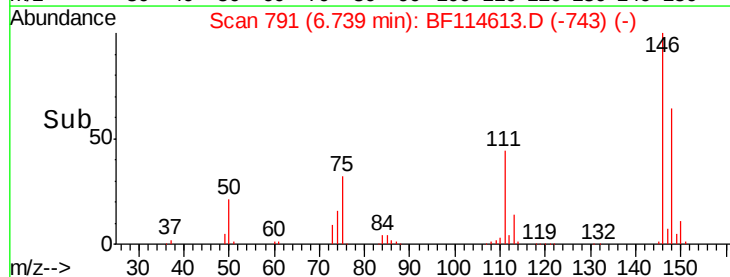
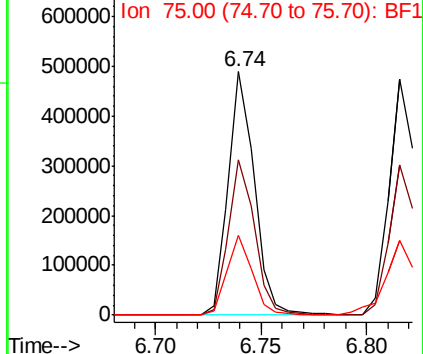


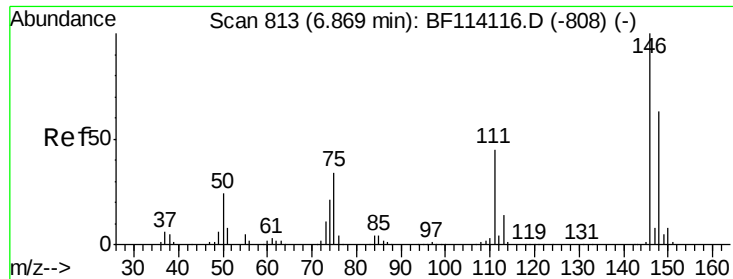
#12
1,3-Dichlorobenzene
Concen: 40.094 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion: 146 Resp: 420274
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
75 32.5 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

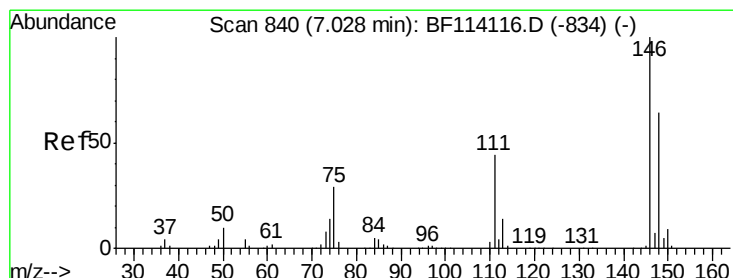
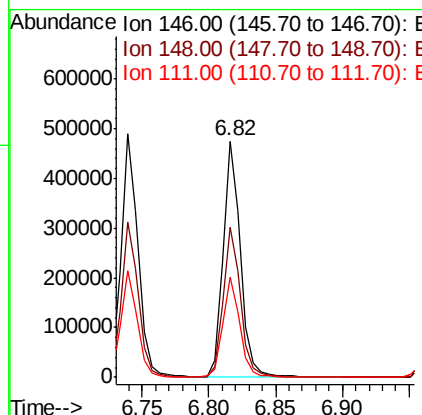
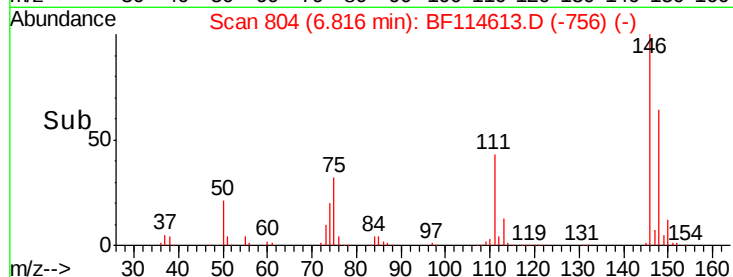
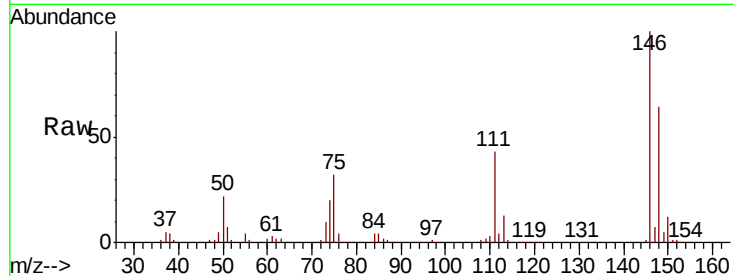




#13
 1,4-Dichlorobenzene
 Concen: 41.214 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

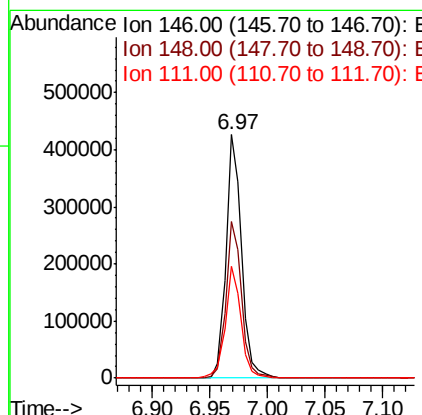
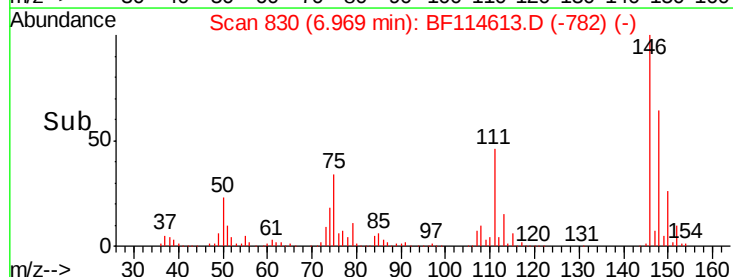
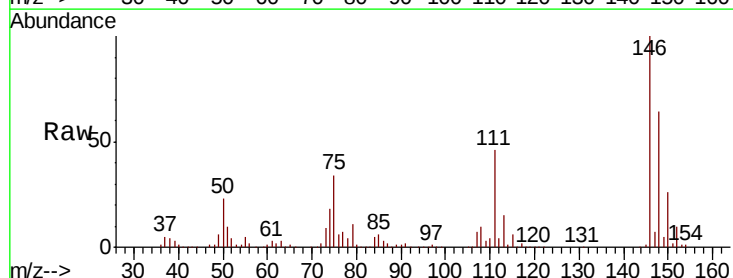
Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion:146 Resp: 435325
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.2 75.2
 111 42.6 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 41.335 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion:146 Resp: 398887
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 45.9 35.3 52.9





#15

Benzyl Alcohol

Concen: 40.339 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

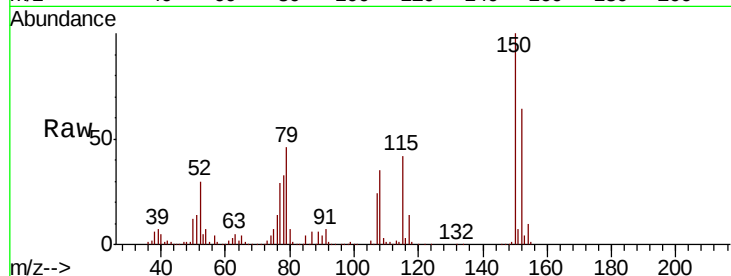
Tot Ion: 79 Resp: 325494

Ion Ratio Lower Upper

79 100

108 75.5 62.1 93.1

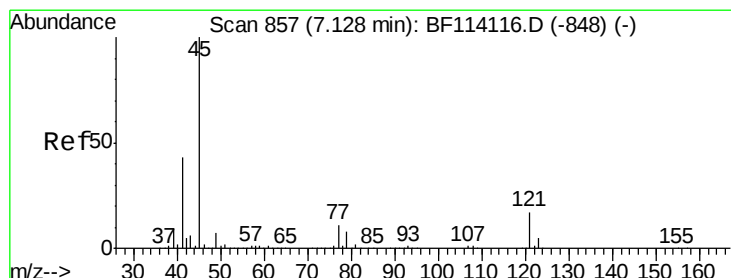
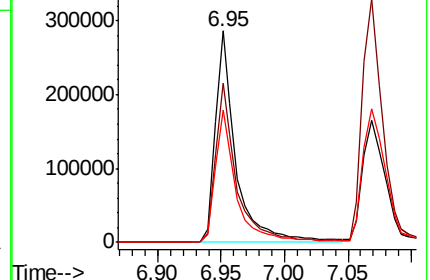
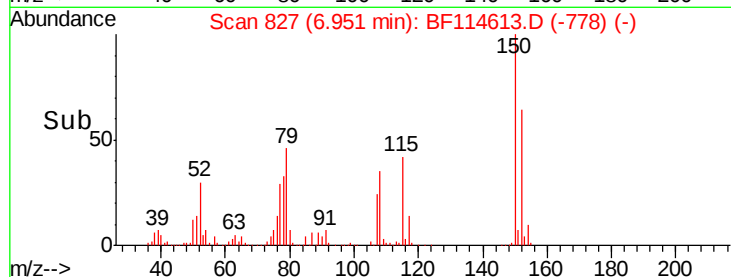
77 62.5 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.601 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

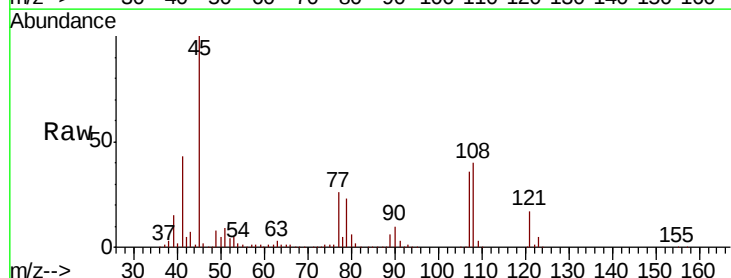
Tgt Ion: 45 Resp: 691537

Ion Ratio Lower Upper

45 100

77 26.1 0.0 31.1

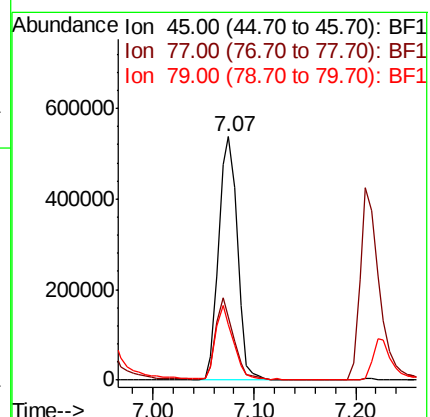
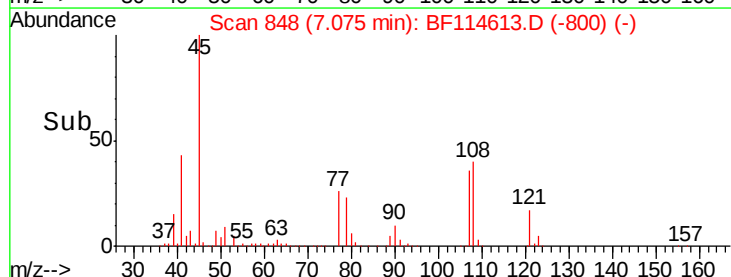
79 23.0 0.0 28.4

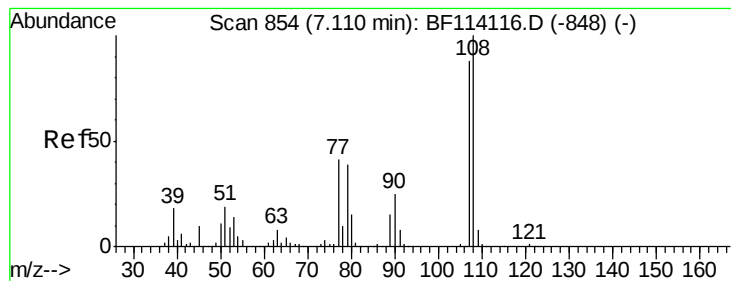


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

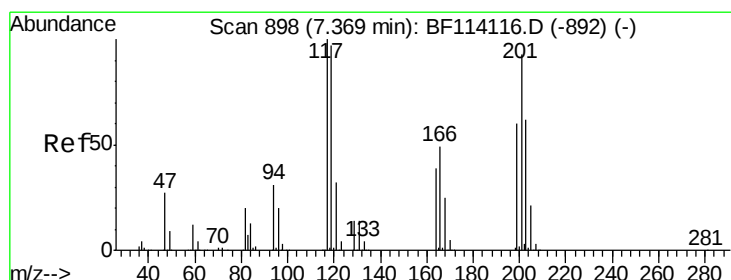
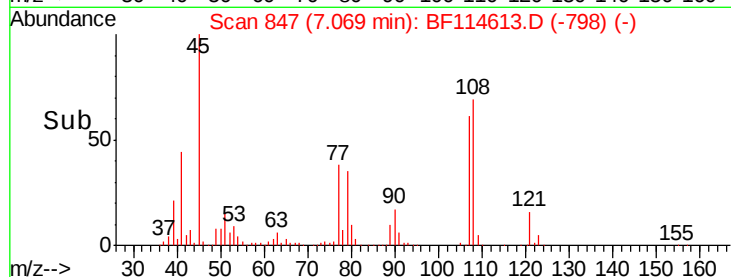
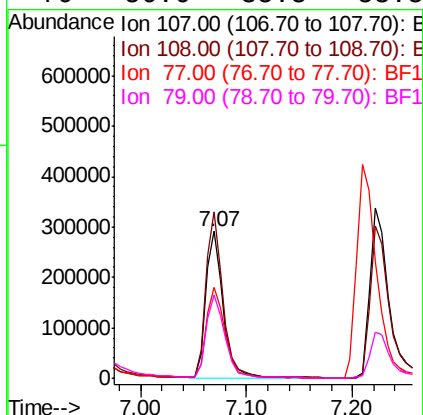
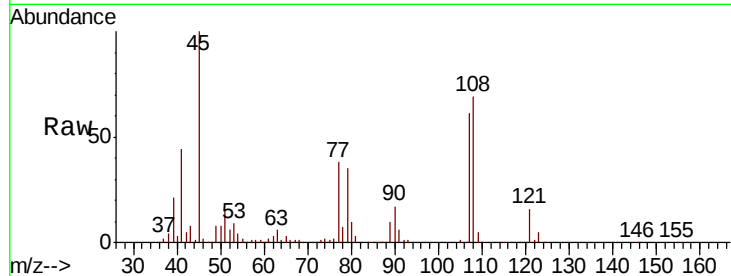




#17
2-Methylphenol
Concen: 42.927 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

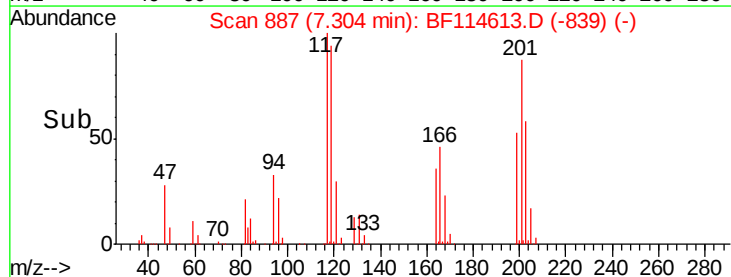
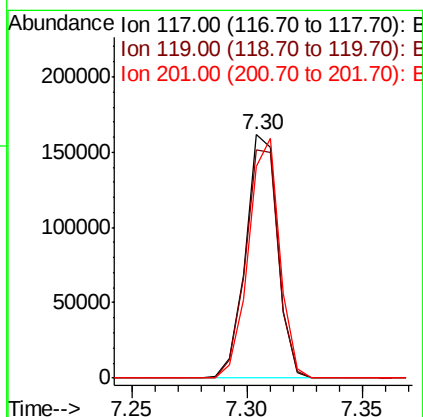
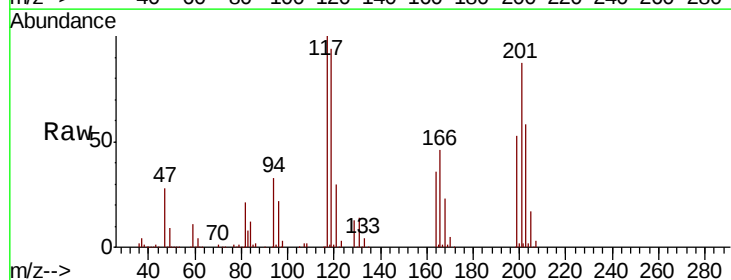
Instrument :
BNA_F
ClientSampleId :
PB119919BS

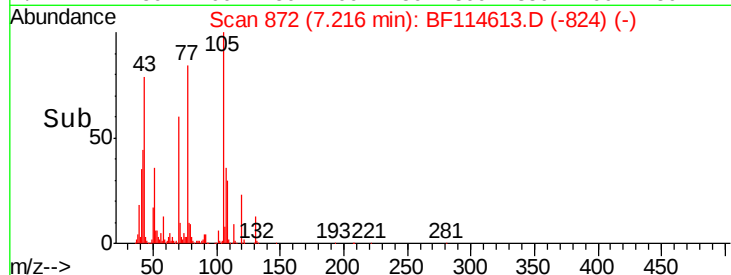
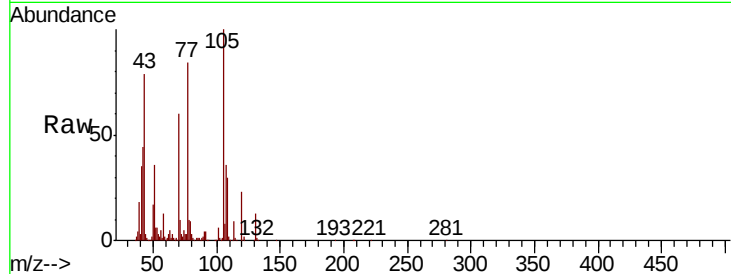
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.5	135.7
77	62.4	37.0	55.4
79	56.6	35.8	53.8



#18
Hexachloroethane
Concen: 39.760 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.2
201	86.8	74.5	111.7

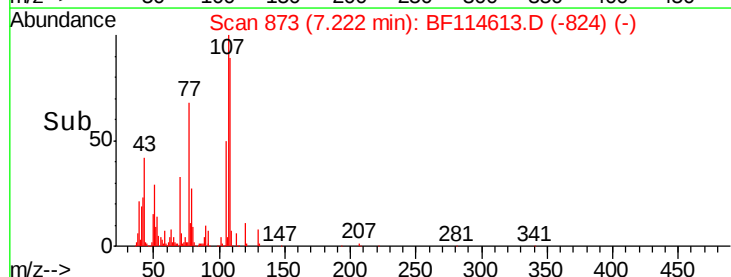
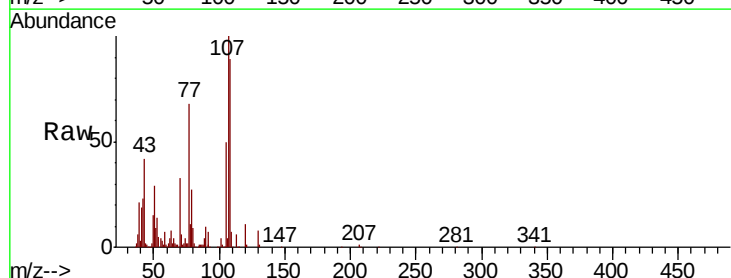
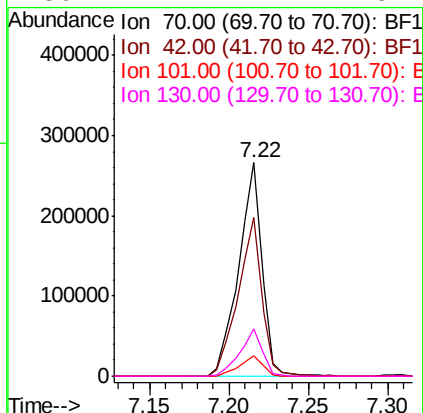




#19
n-Nitroso-di-n-propylamine
Concen: 41.566 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

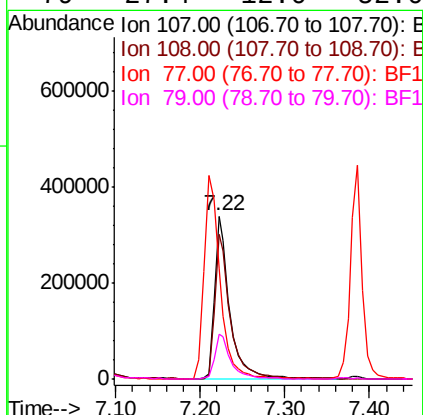
Instrument :
BNA_F
ClientSampleId :
PB119919BS

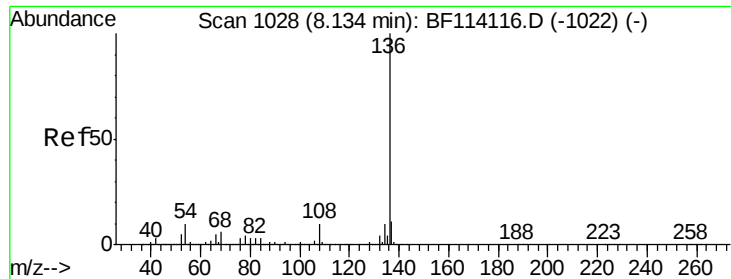
Tot Ion:	70	Resp:	272573
Ion	Ratio	Lower	Upper
70	100		
42	74.0	58.6	87.8
101	9.4	7.8	11.8
130	22.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 48.208 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:	107	Resp:	427255
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.8	113.8
77	67.9	111.5	151.5#
79	27.4	12.0	52.0

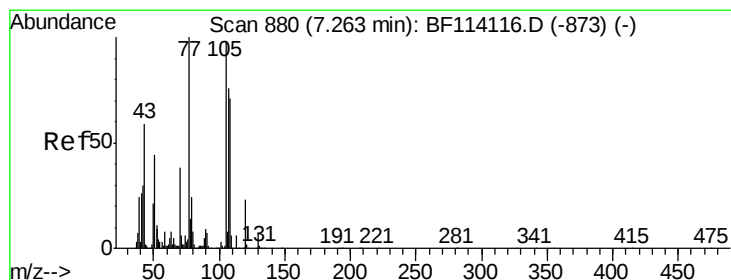
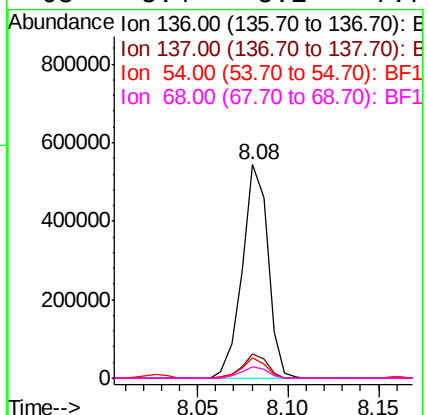
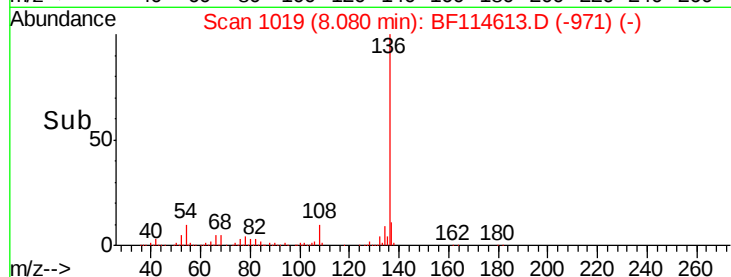
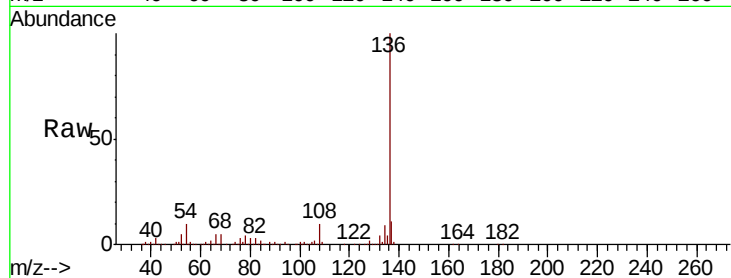




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

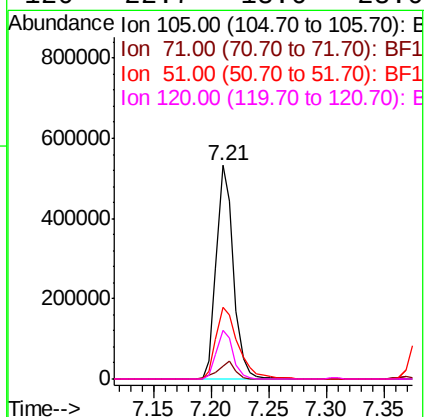
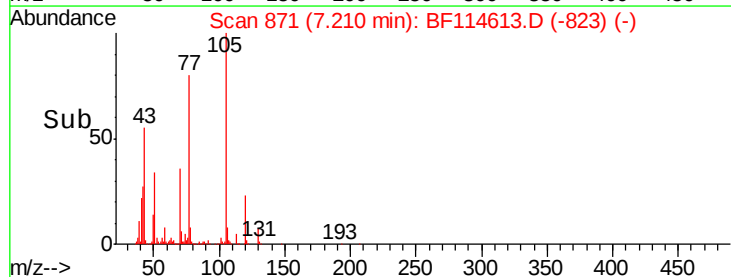
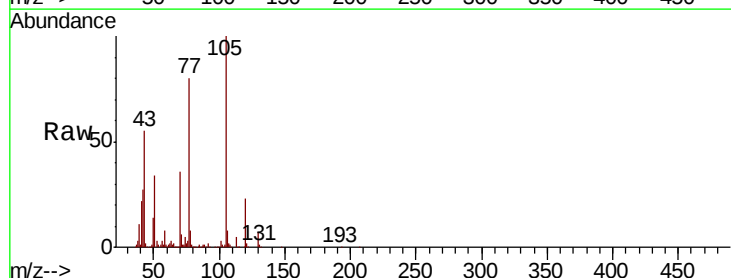
Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:136	Resp:	536472
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.8 13.2
54	9.5	7.8 11.8
68	5.4	5.1 7.7



#22
Acetophenone
Concen: 46.259 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:105	Resp:	549764
Ion Ratio	Lower	Upper
105	100	
71	6.0	5.3 7.9
51	33.7	36.2 54.4#
120	22.7	18.6 28.0

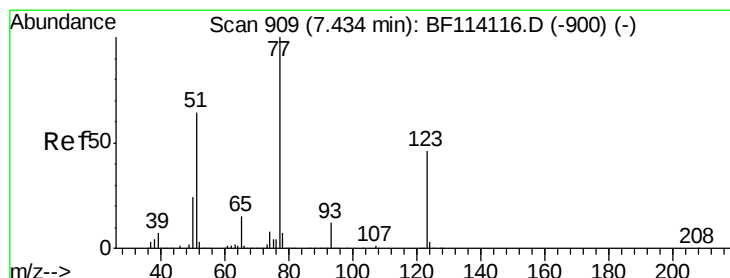
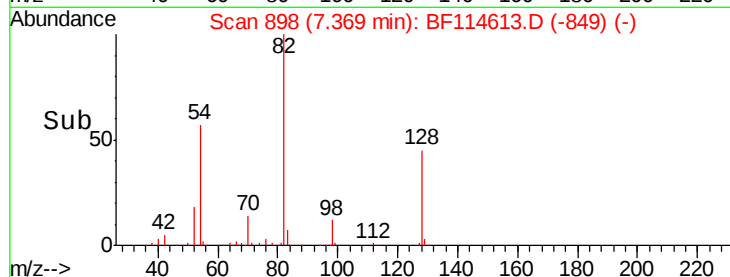
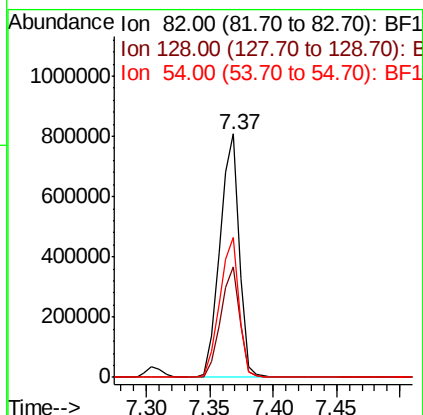
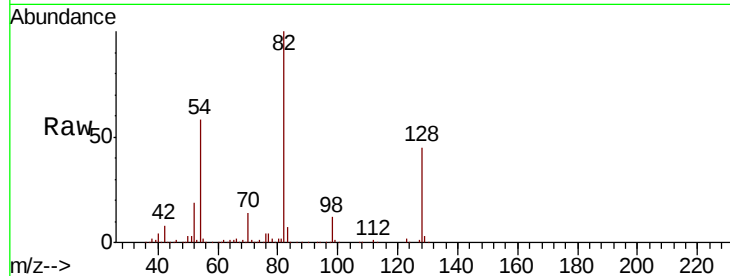




#23
 Nitrobenzene-d5
 Concen: 90.225 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

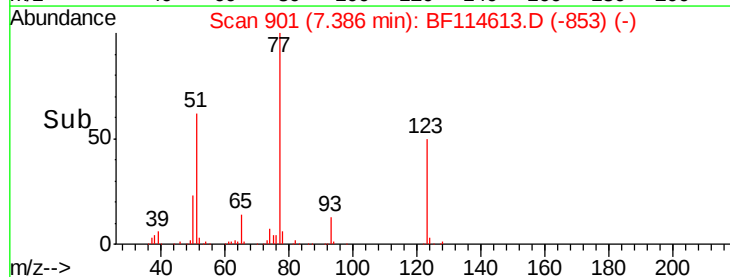
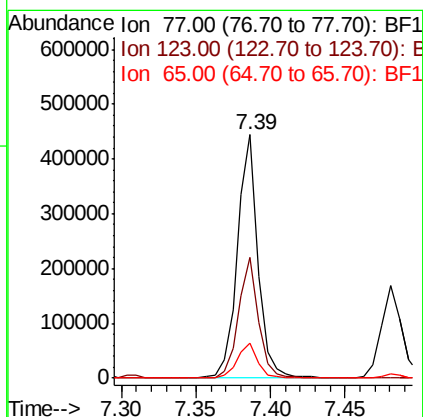
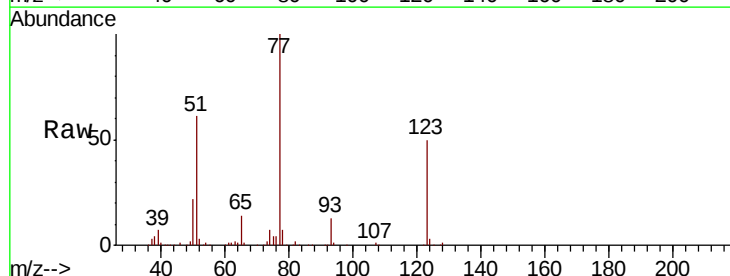
Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

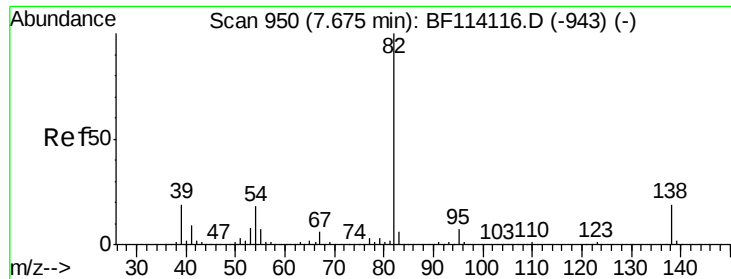
Tot Ion	82	Resp	862495
Ion Ratio	100		
Lower			
Upper			
128	45.4	35.5	53.3
54	57.7	48.5	72.7



#24
 Nitrobenzene
 Concen: 43.928 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	77	Resp	427695
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	49.8	36.9	55.3
65	14.4	11.8	17.6





#25

Isophorone

Concen: 43.259 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

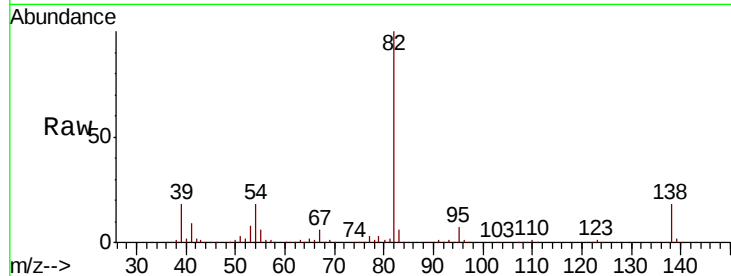
Tot Ion: 82 Resp: 766929

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

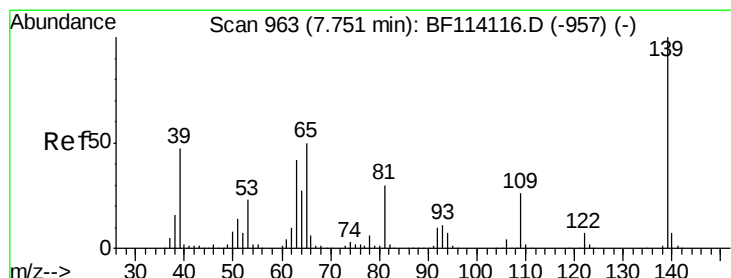
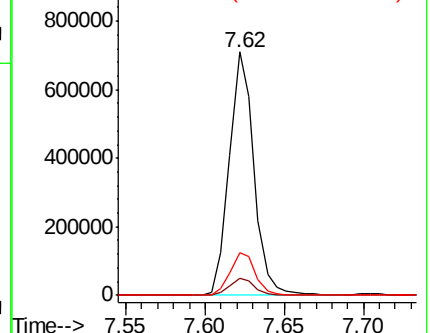
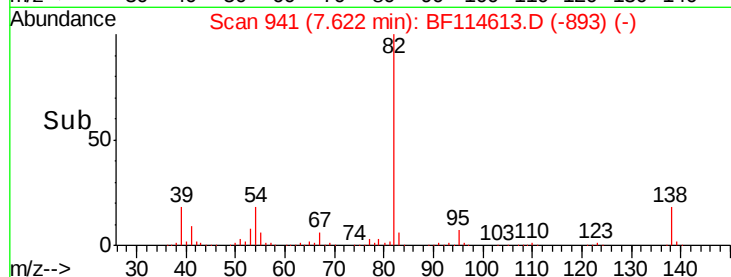
138 17.8 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.833 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

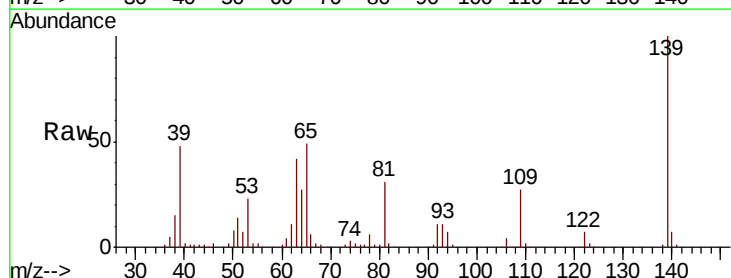
Tgt Ion: 139 Resp: 221225

Ion Ratio Lower Upper

139 100

109 26.6 20.7 31.1

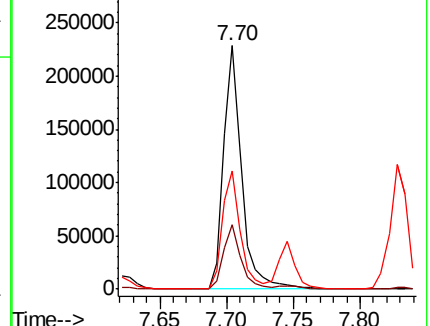
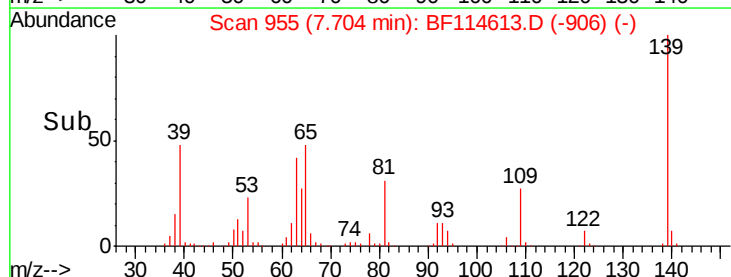
65 48.7 40.2 60.2

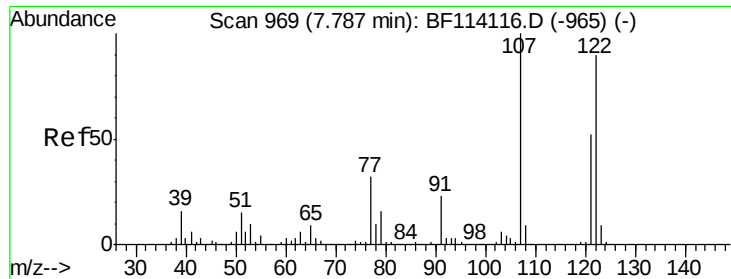


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.626 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

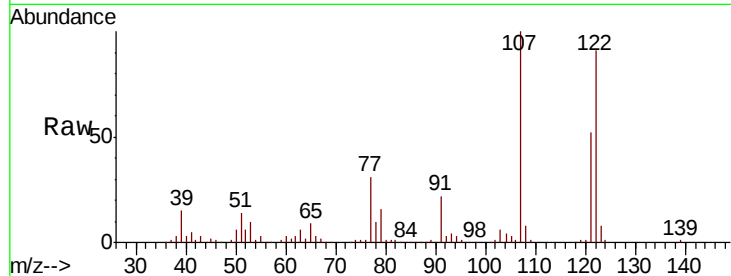
Tot Ion:122 Resp: 360757

Ion Ratio Lower Upper

122 100

107 110.4 88.4 132.6

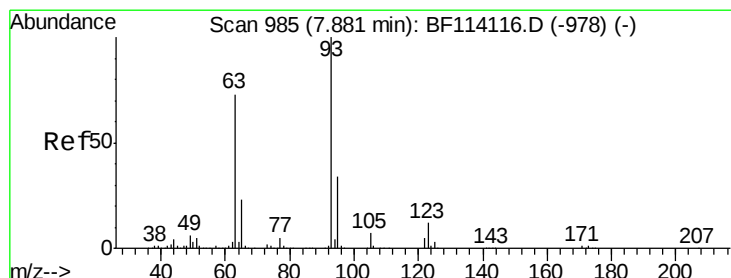
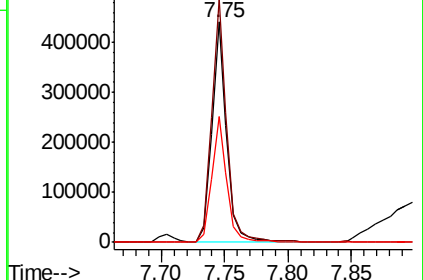
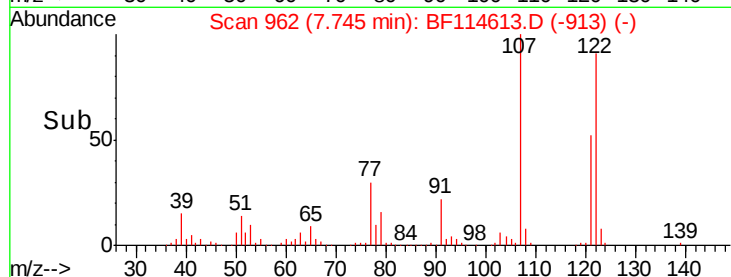
121 56.9 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.295 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

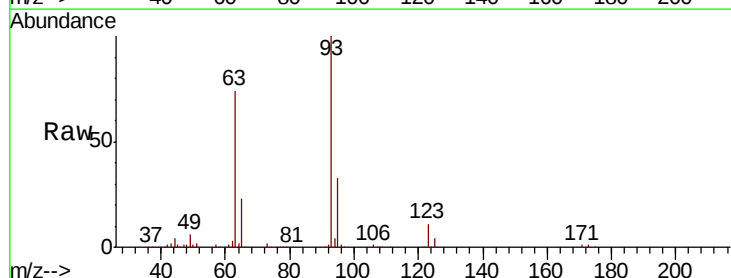
Tgt Ion: 93 Resp: 486531

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

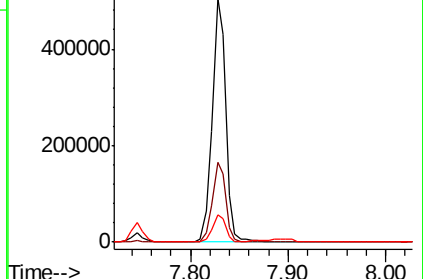
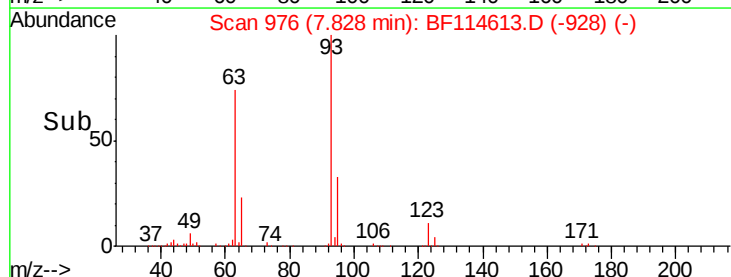
123 11.3 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

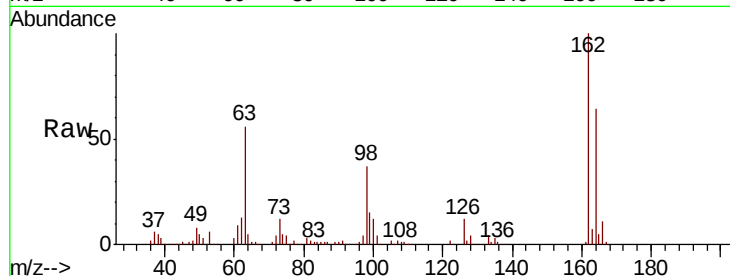




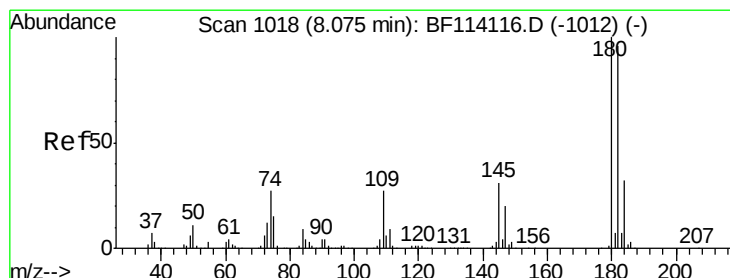
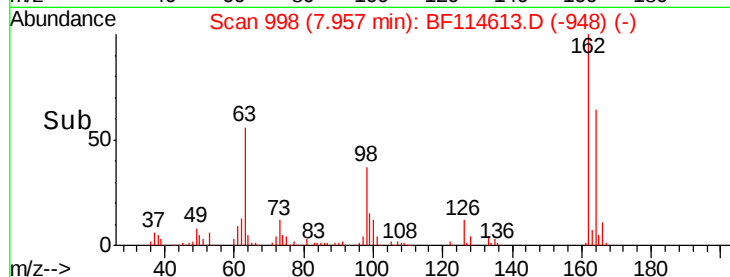
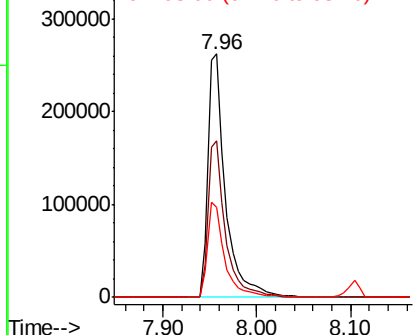
#29
2,4-Dichlorophenol
Concen: 46.511 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.6	83.6
98	37.2	20.6	60.6

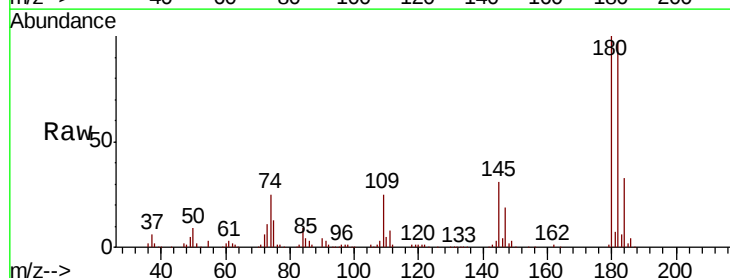


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

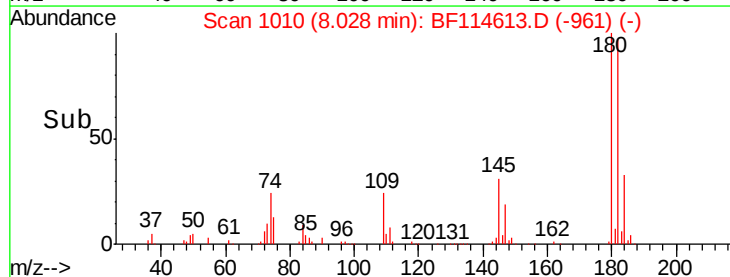
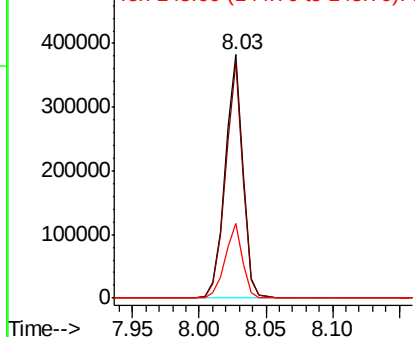


#30
1,2,4-Trichlorobenzene
Concen: 42.808 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.6	114.8
145	30.7	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

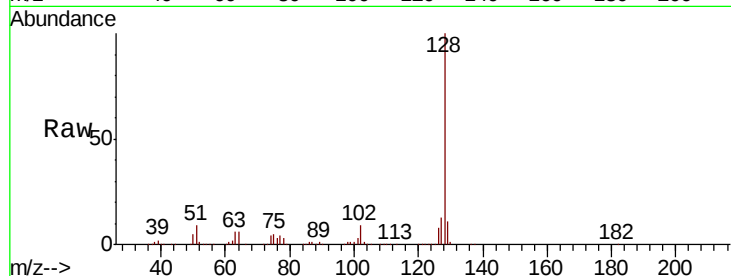




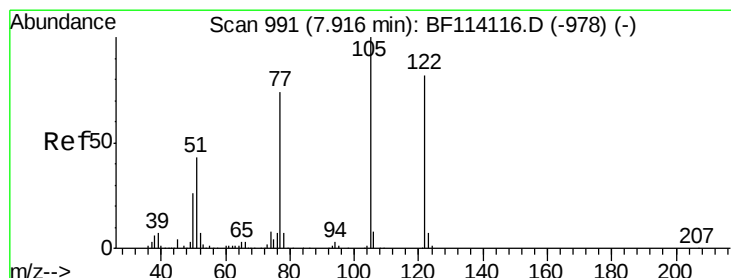
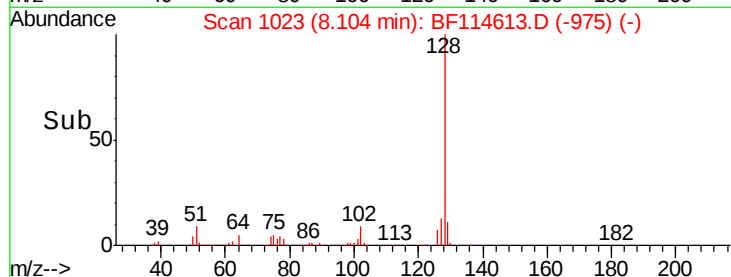
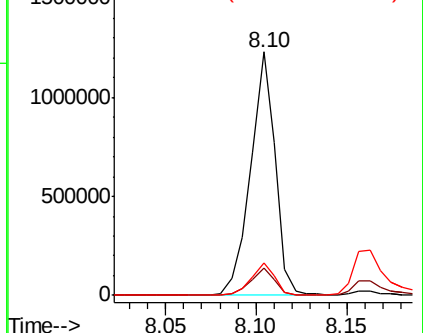
#31
Naphthalene
Concen: 46.263 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:128 Resp: 1159324
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.3 11.3 16.9

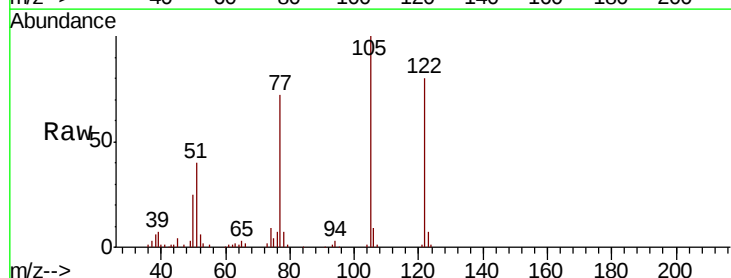


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

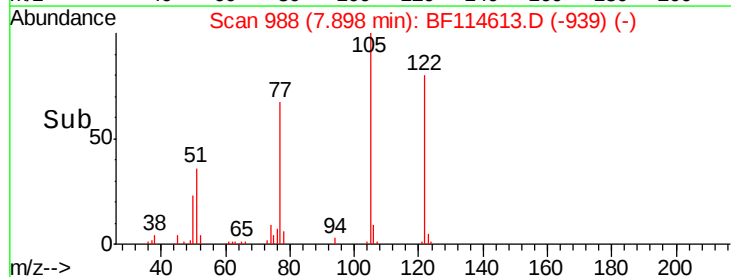
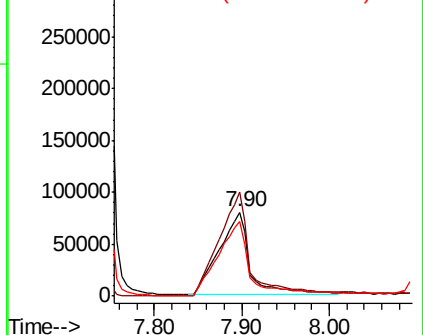


#32
Benzoic acid
Concen: 38.940 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:122 Resp: 197778
Ion Ratio Lower Upper
122 100
105 124.7 99.9 139.9
77 89.2 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

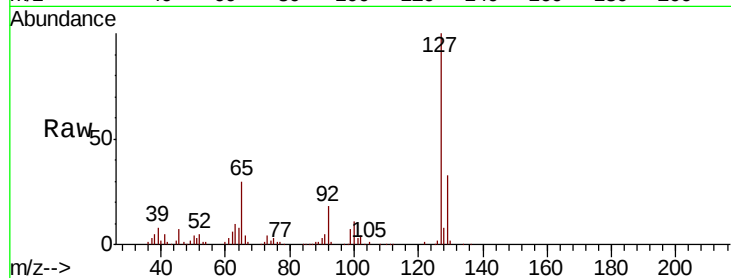




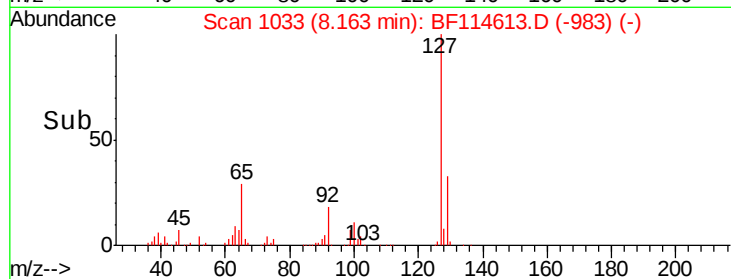
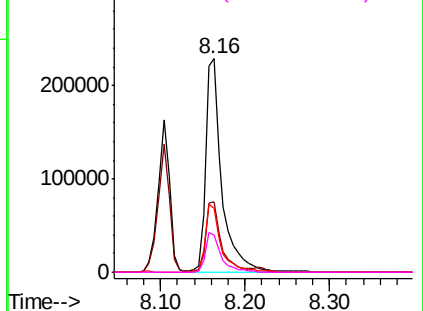
#33
4-Chloroaniline
Concen: 26.581 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:	127	Resp:	303536
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	29.7	25.4	38.0
92	17.6	15.4	23.2

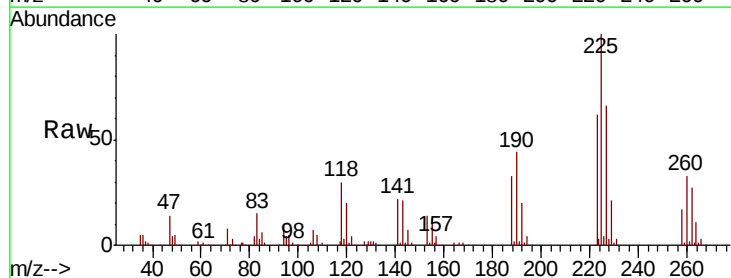


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

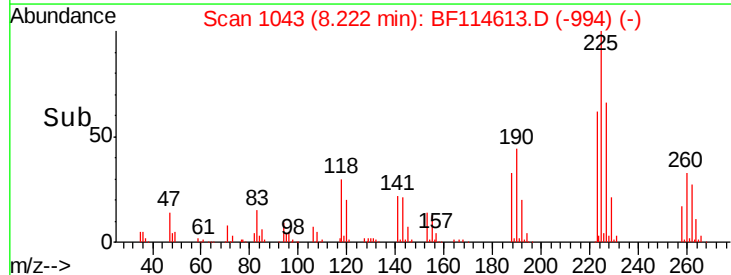
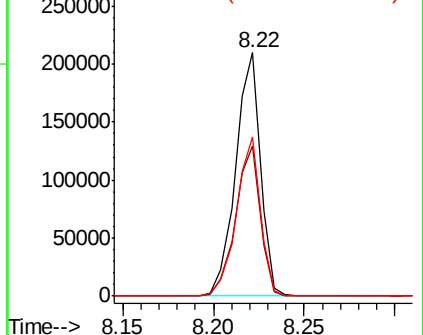


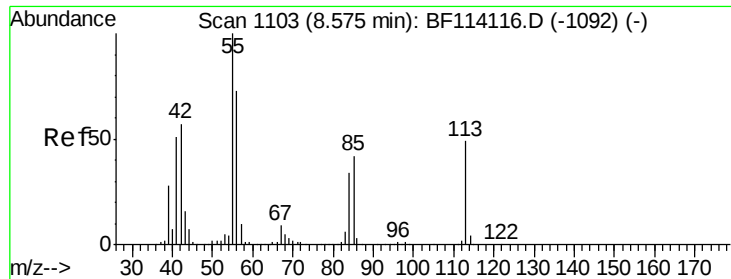
#34
Hexachlorobutadiene
Concen: 41.802 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:	225	Resp:	199807
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.2	75.2
227	65.5	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

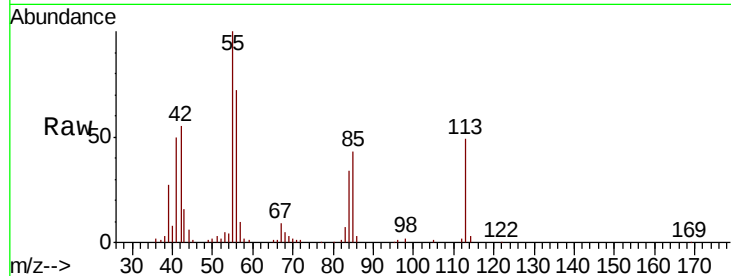




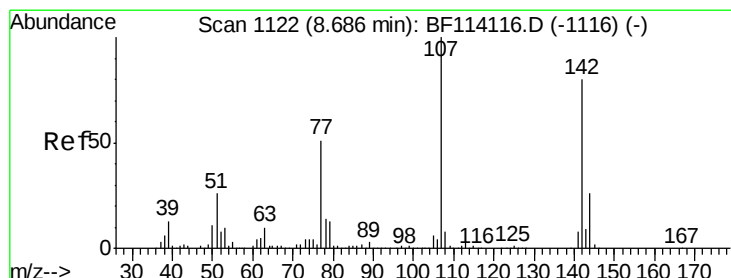
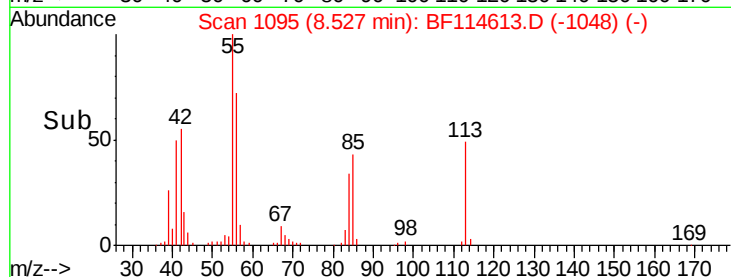
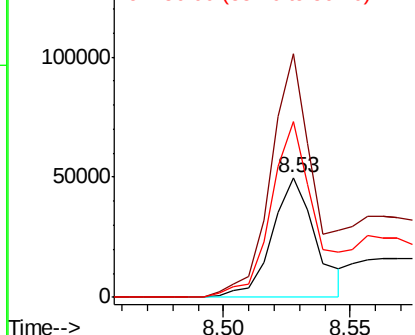
#35
Caprolactam
Concen: 24.862 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:113 Resp: 59890
Ion Ratio Lower Upper
113 100
55 203.3 183.5 223.5
56 147.1 128.8 168.8

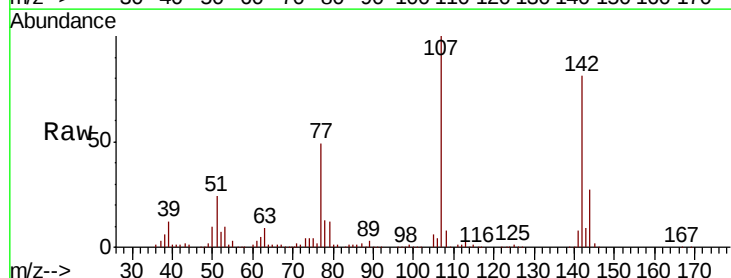


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

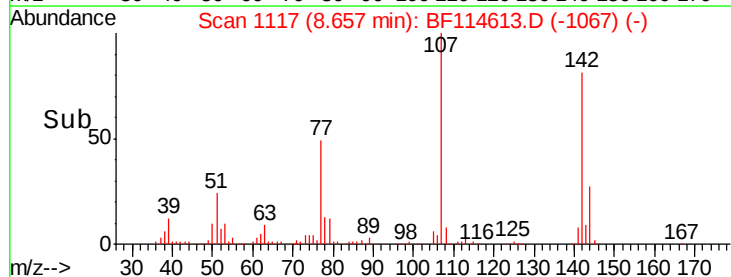
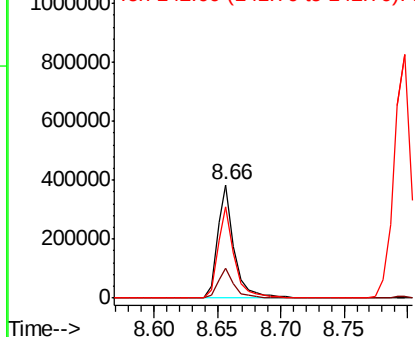


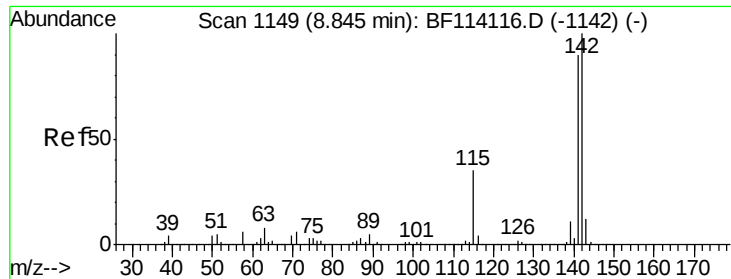
#36
4-Chloro-3-methylphenol
Concen: 48.037 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:107 Resp: 357208
Ion Ratio Lower Upper
107 100
144 26.8 20.4 30.6
142 80.7 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

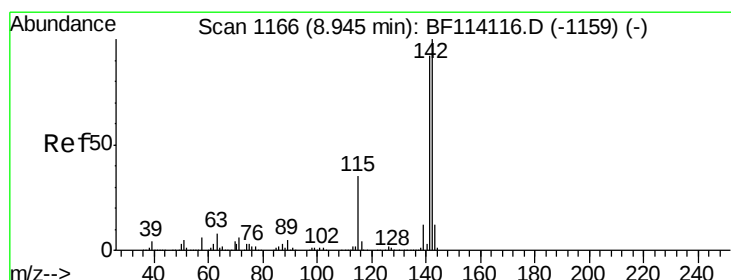
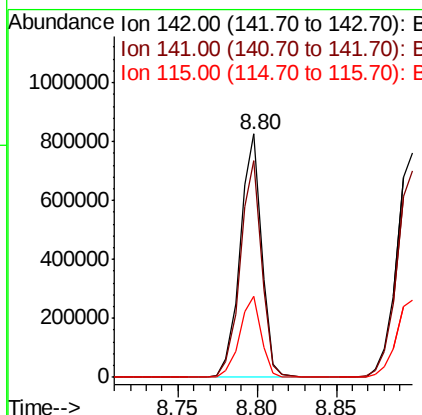
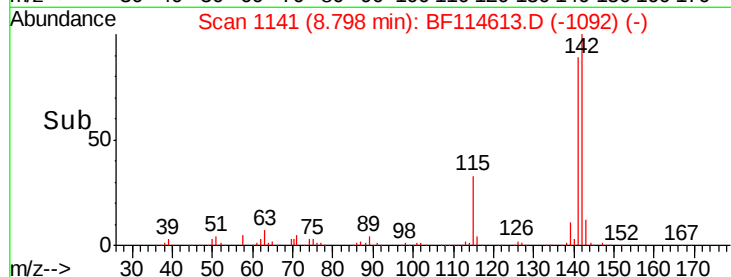
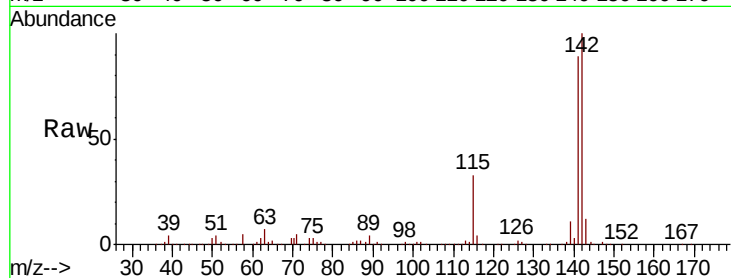




#37
2-Methylnaphthalene
Concen: 47.711 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

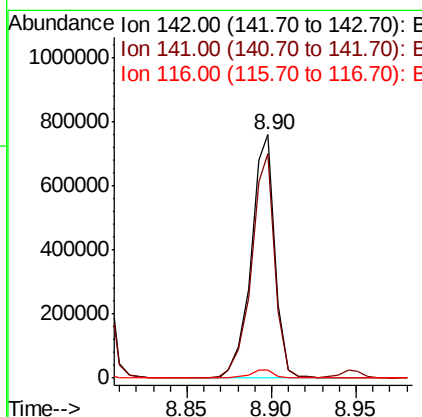
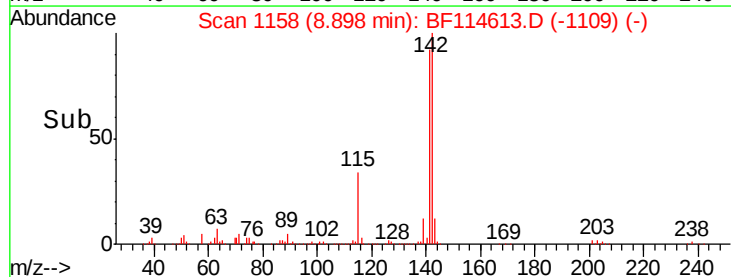
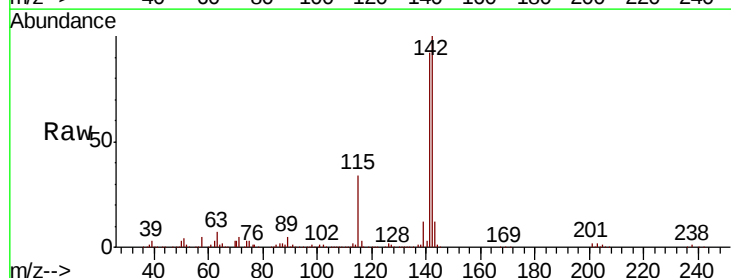
Instrument :
BNA_F
ClientSampleId :
PB119919BS

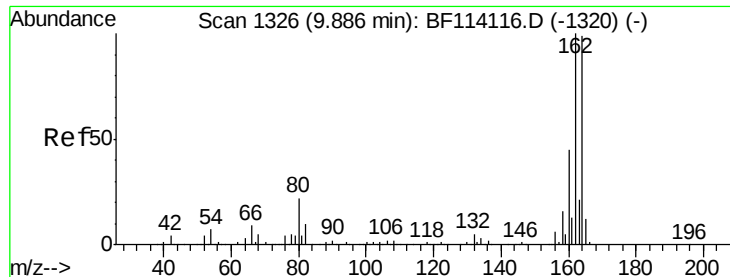
Tot Ion:142 Resp: 771408
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1
115 33.2 28.0 42.0



#38
1-Methylnaphthalene
Concen: 48.709 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:142 Resp: 741647
Ion Ratio Lower Upper
142 100
141 92.1 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: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

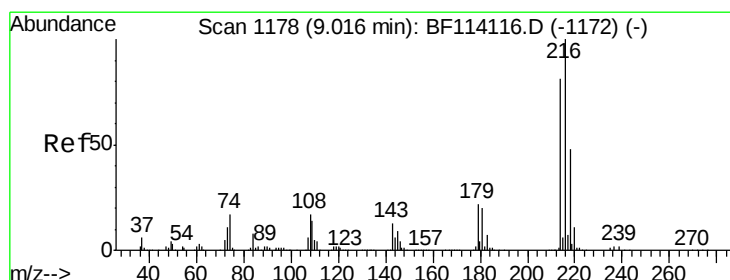
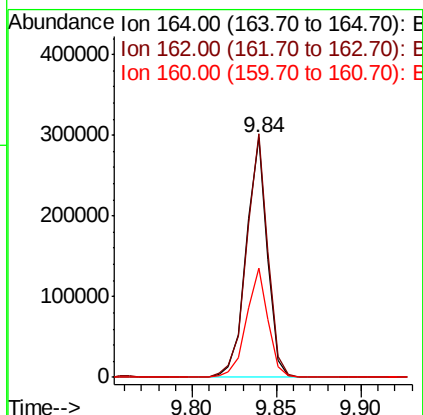
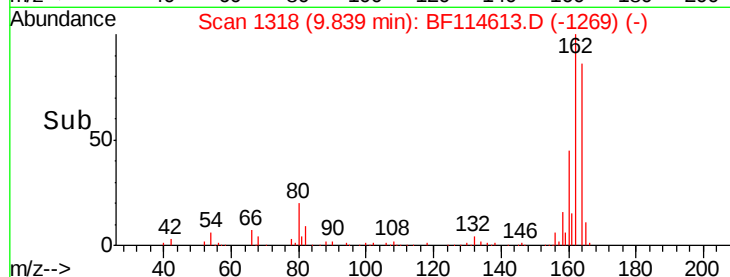
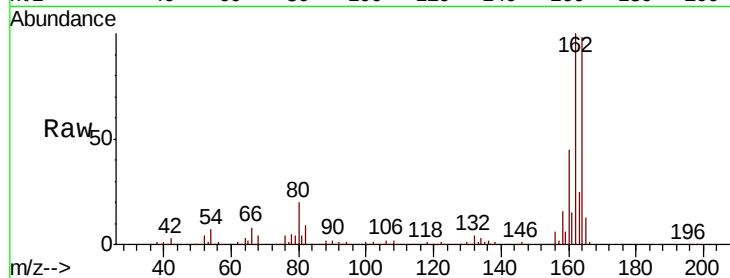
Tot Ion:164 Resp: 259687

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 45.4 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.446 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Tgt Ion:216 Resp: 357498

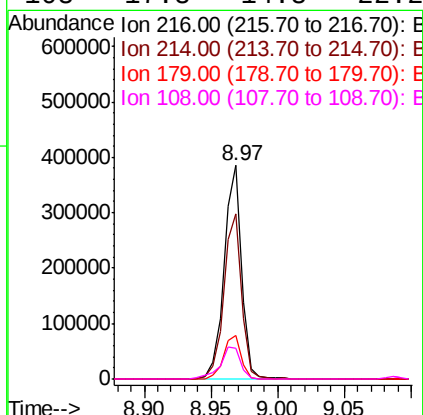
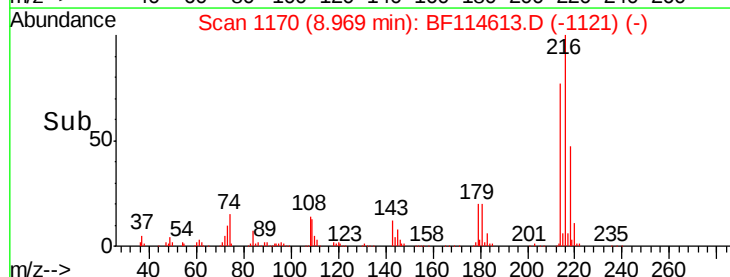
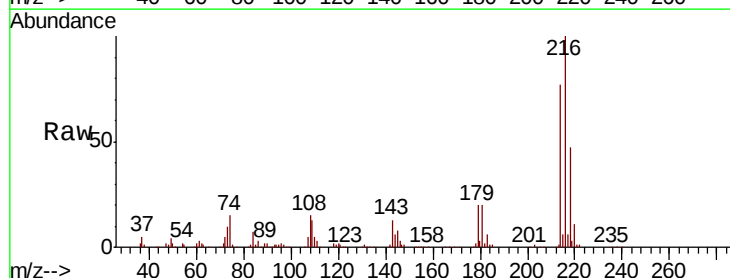
Ion Ratio Lower Upper

216 100

214 78.6 63.9 95.9

179 21.0 17.0 25.6

108 17.8 14.8 22.2

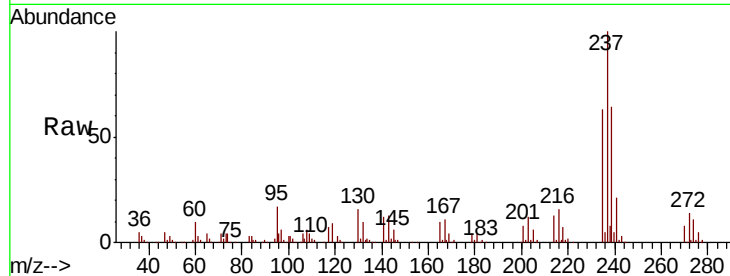




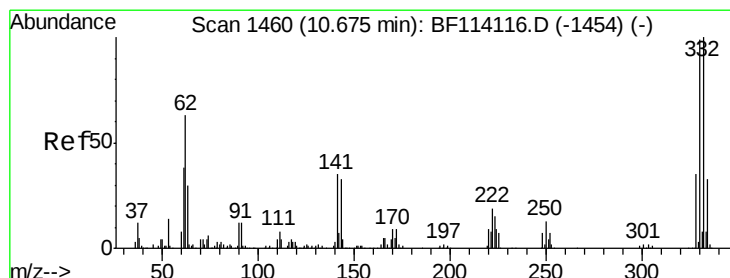
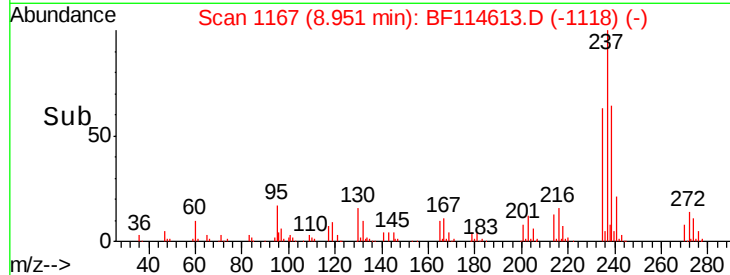
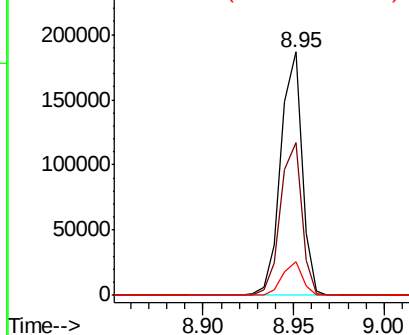
#41
Hexachlorocyclopentadiene
Concen: 43.766 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:237 Resp: 152809
Ion Ratio Lower Upper
237 100
235 62.8 42.0 82.0
272 13.6 0.0 32.4

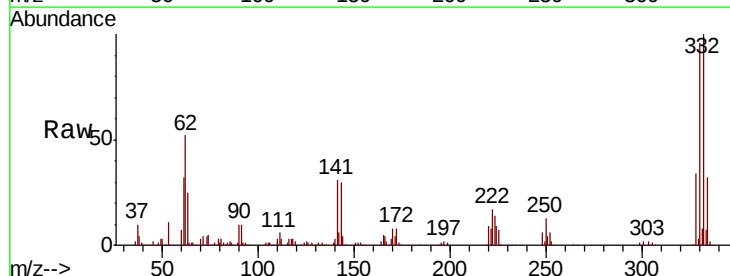


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

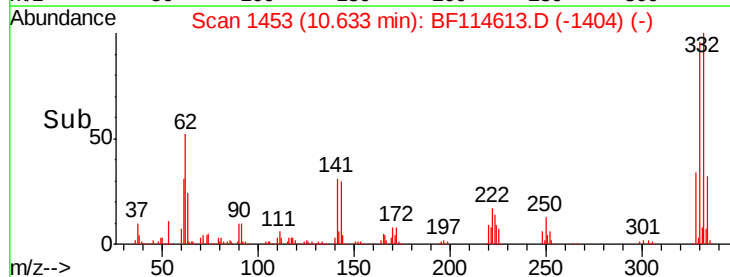
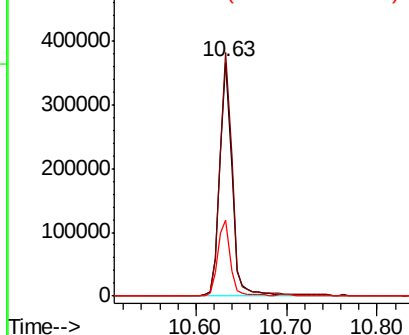


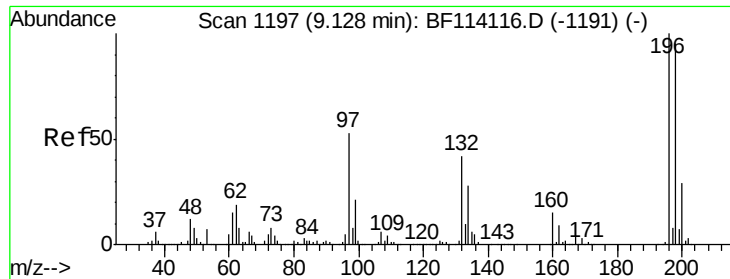
#42
2,4,6-Tribromophenol
Concen: 129.228 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:330 Resp: 346941
Ion Ratio Lower Upper
330 100
332 103.8 81.4 122.2
141 33.3 26.6 40.0



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

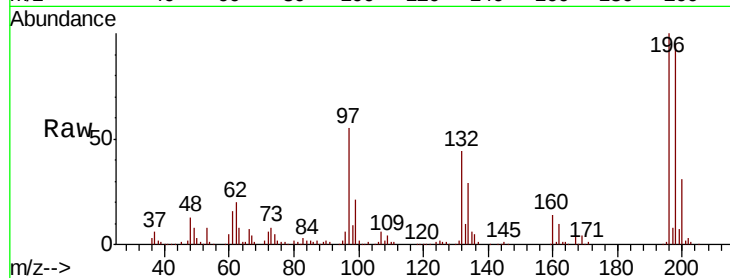




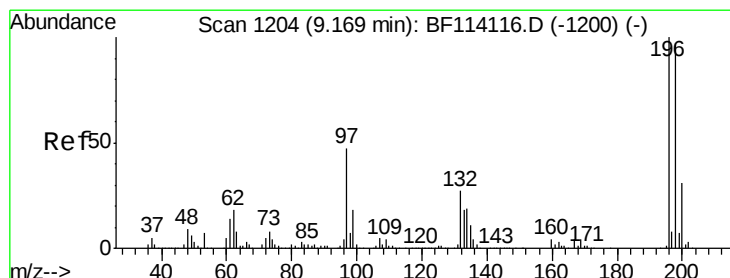
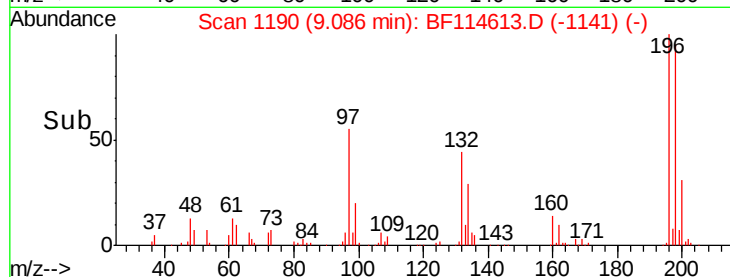
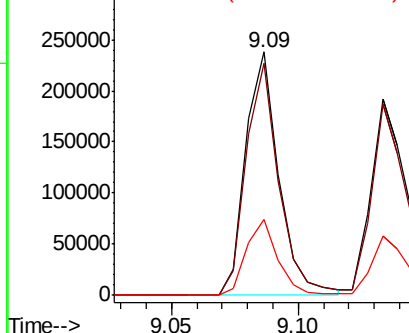
#43
 2,4,6-Trichlorophenol
 Concen: 40.187 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion:196 Resp: 217443
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.9 113.9
 200 31.3 23.5 35.3

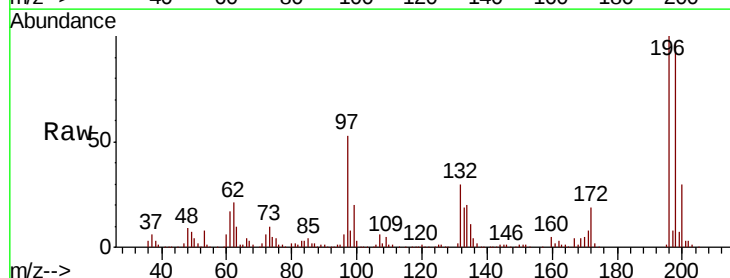


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

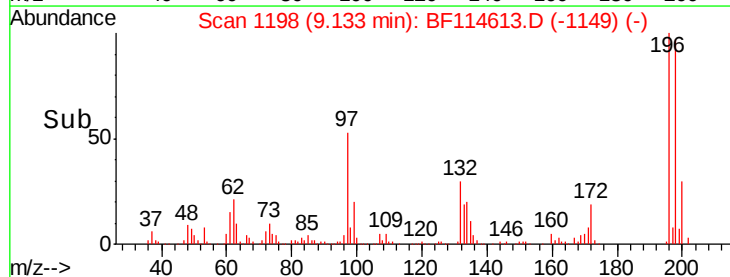
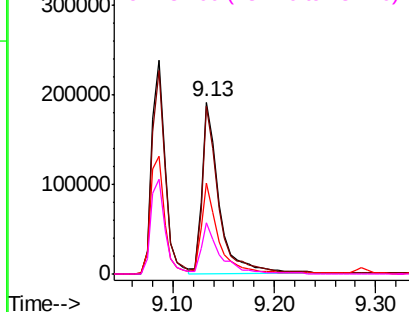


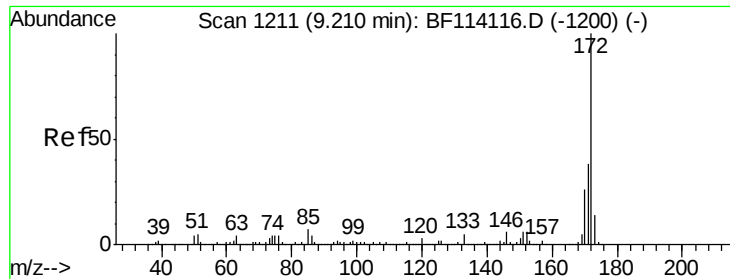
#44
 2,4,5-Trichlorophenol
 Concen: 40.485 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion:196 Resp: 224649
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.7 116.5
 97 53.2 38.2 57.2
 132 30.0 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

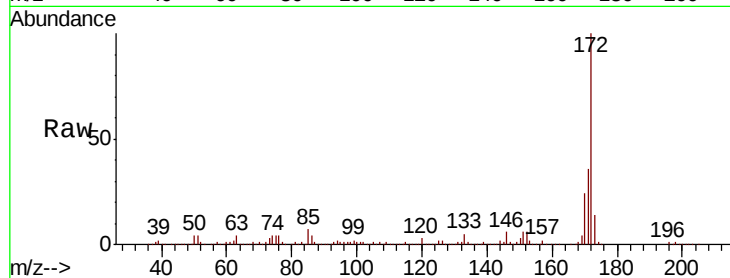




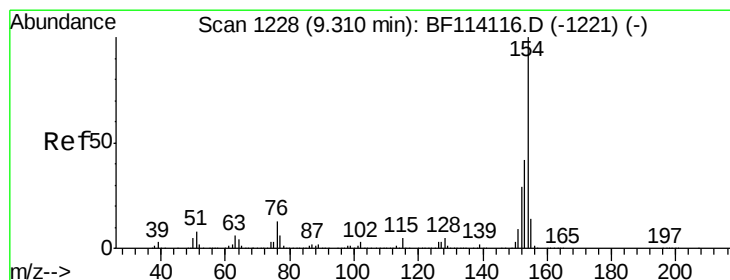
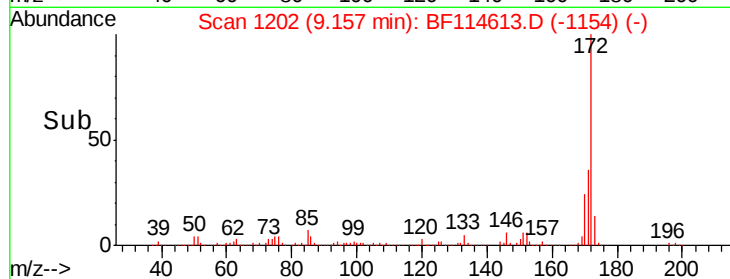
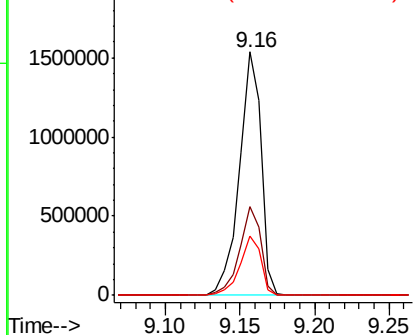
#45
2-Fluorobiphenyl
Concen: 91.052 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:172 Resp: 1563133
Ion Ratio Lower Upper
172 100
171 36.2 30.7 46.1
170 24.3 20.5 30.7

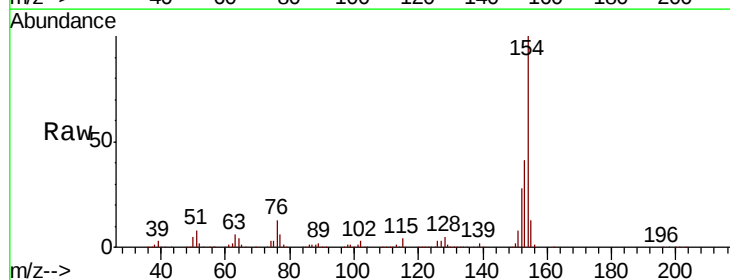


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

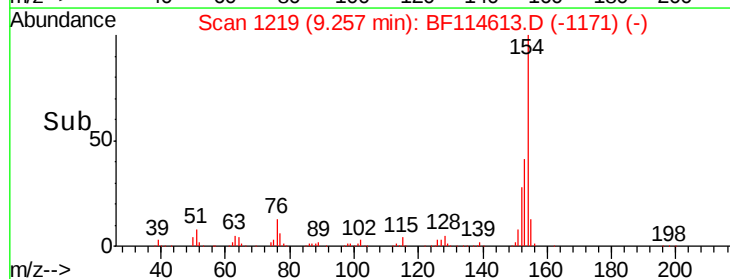
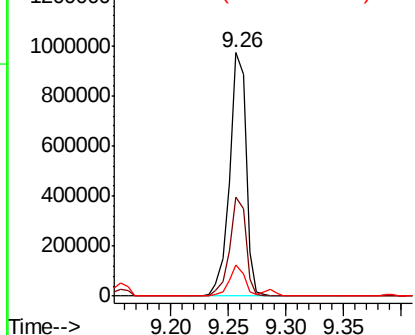


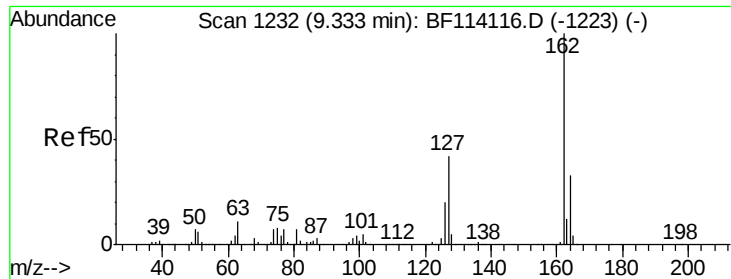
#46
1,1'-Biphenyl
Concen: 45.833 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:154 Resp: 961536
Ion Ratio Lower Upper
154 100
153 40.8 21.9 61.9
76 12.6 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

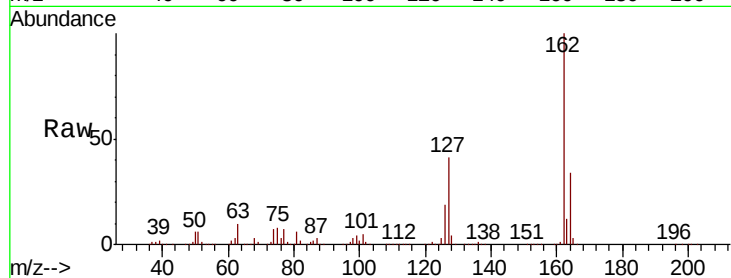




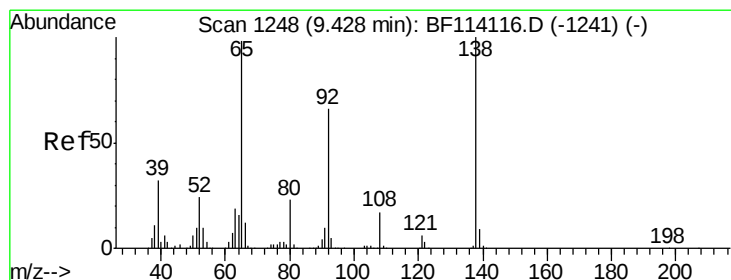
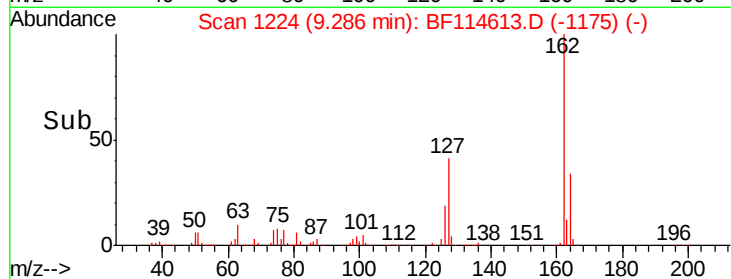
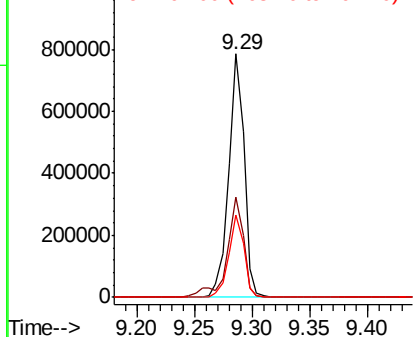
#47
 2-Chloronaphthalene
 Concen: 43.012 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.0	51.0
164	33.9	26.7	40.1

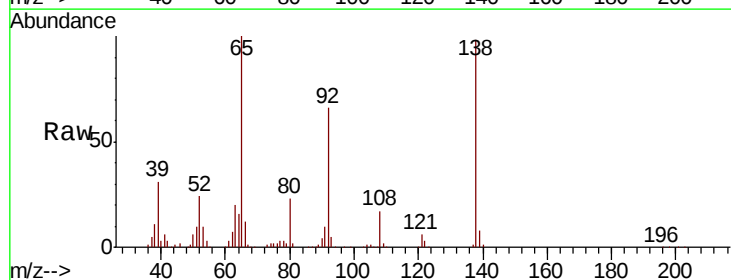


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

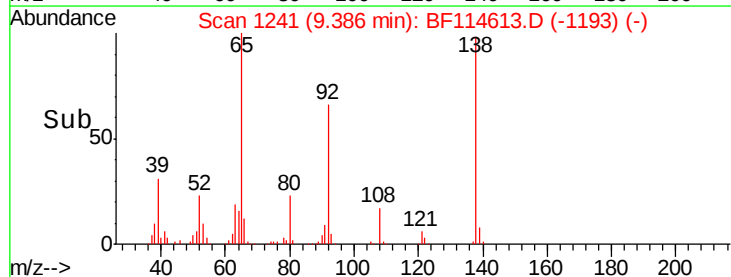
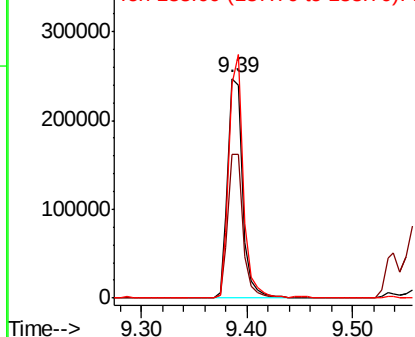


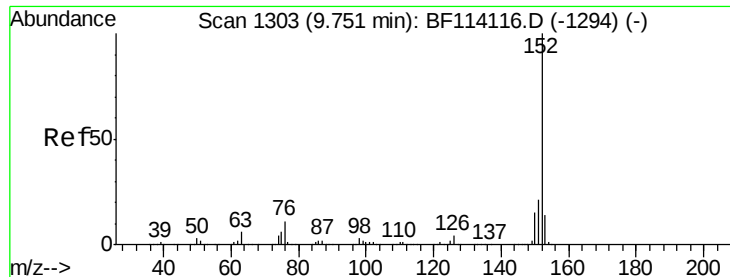
#48
 2-Nitroaniline
 Concen: 40.908 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.9	80.9
138	97.6	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: 45.044 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

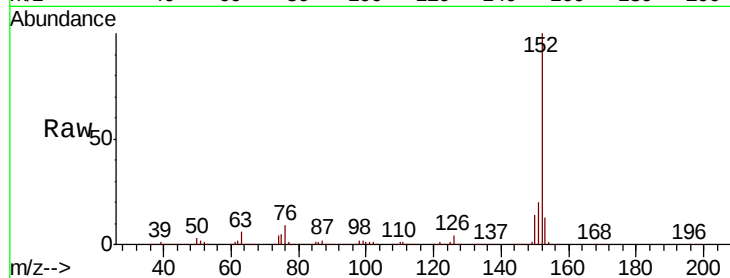
Tot Ion:152 Resp: 1156707

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

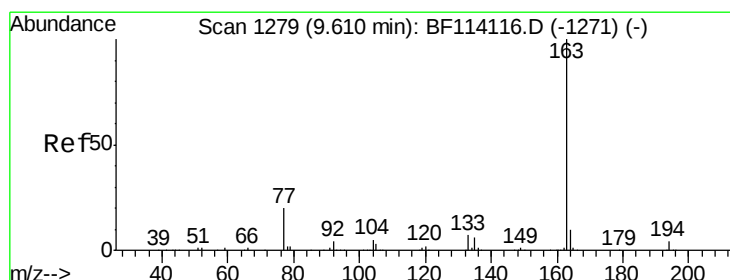
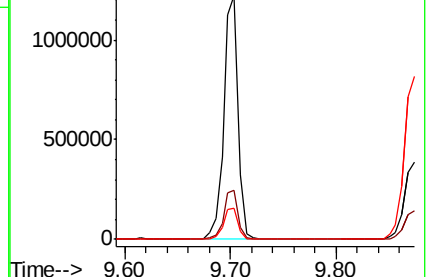
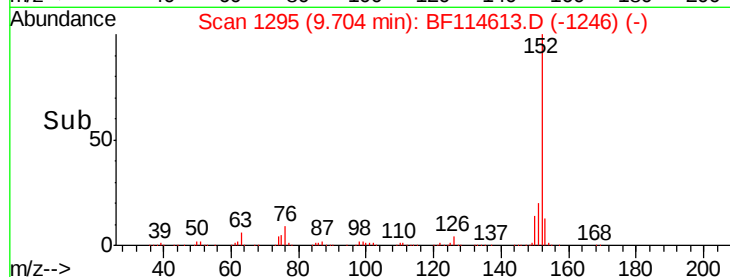
153 12.6 11.4 17.2



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: 42.606 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

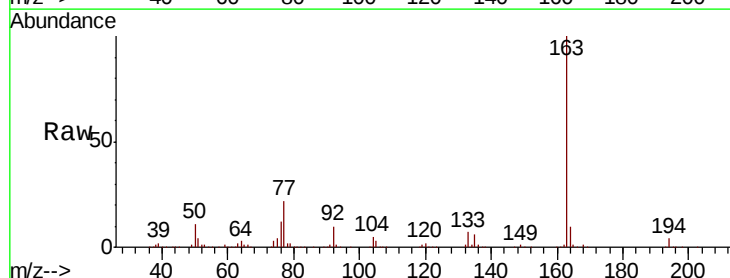
Tgt Ion:163 Resp: 812213

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

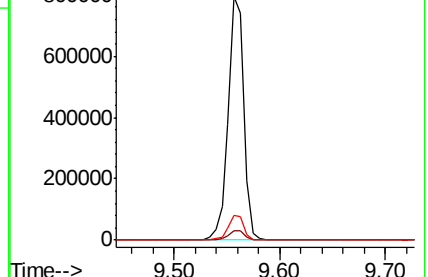
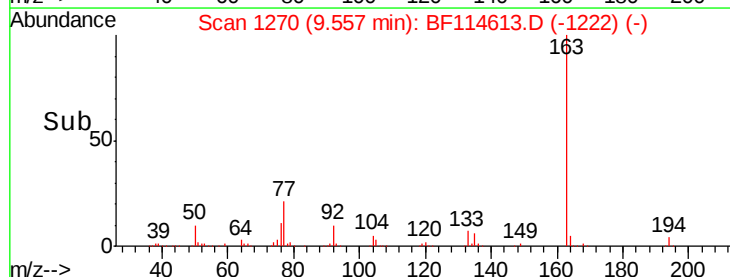
164 10.3 8.2 12.2

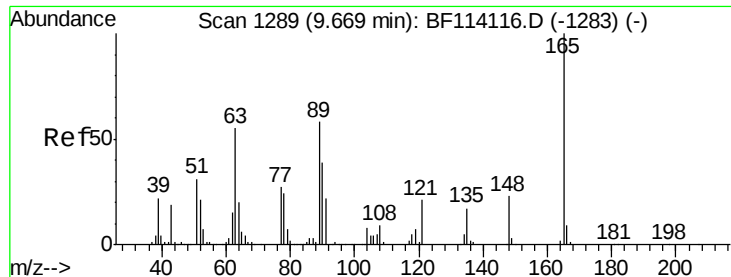


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.432 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

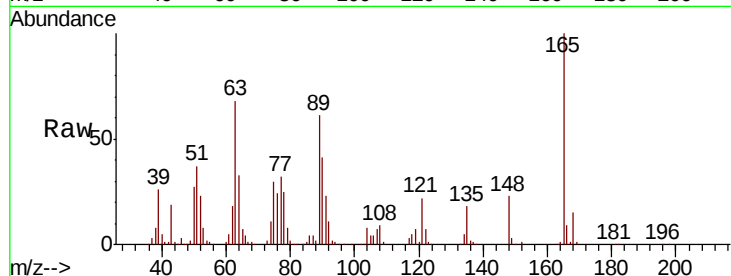
Tot Ion:165 Resp: 183642

Ion Ratio Lower Upper

165 100

63 67.6 50.2 75.4

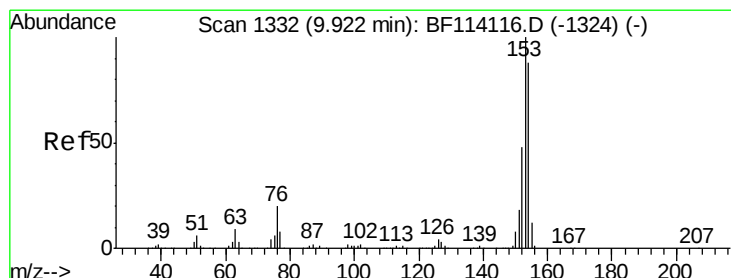
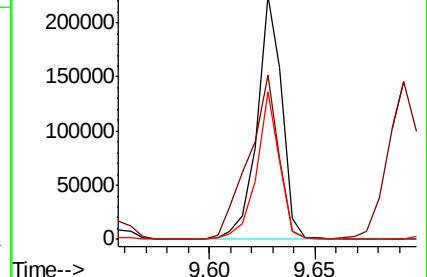
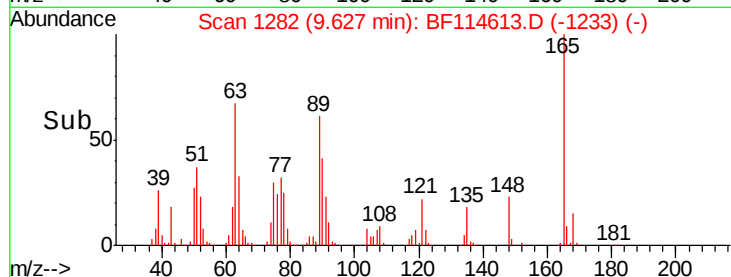
89 60.6 46.6 69.8



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: 42.952 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

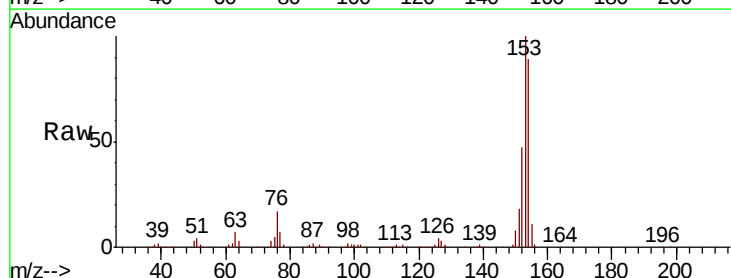
Tgt Ion:154 Resp: 676840

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

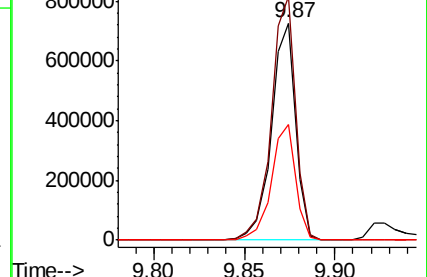
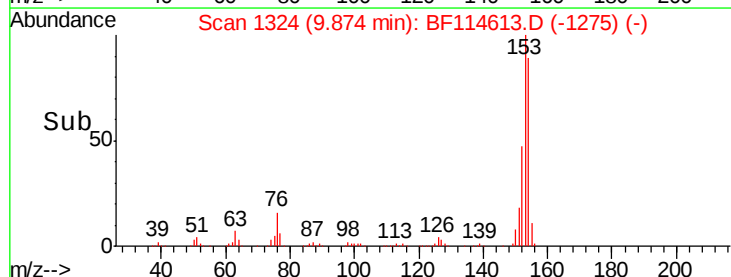
152 53.0 43.4 65.2

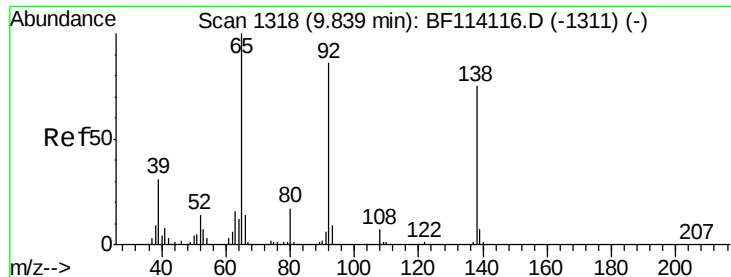


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

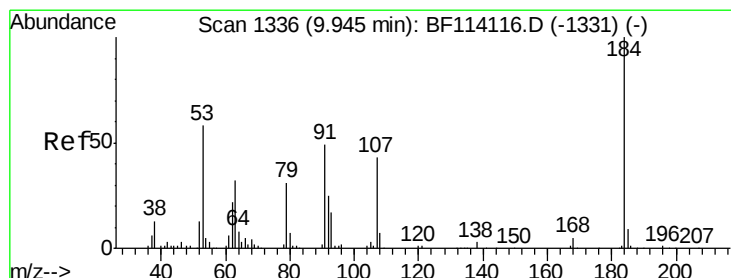
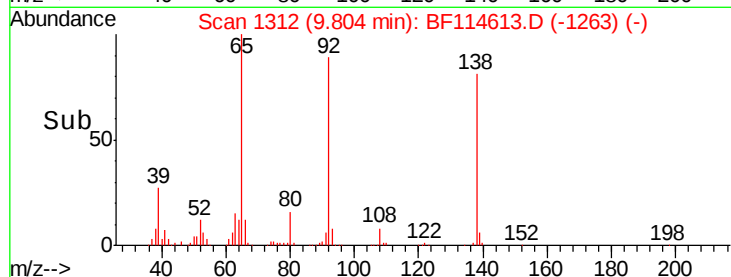
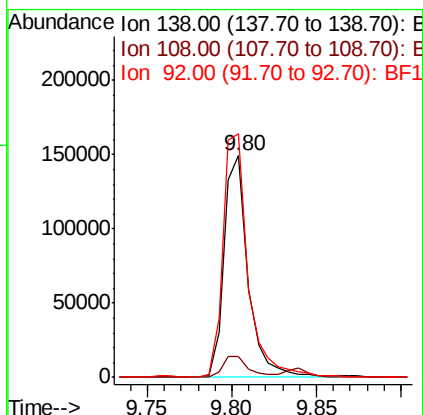
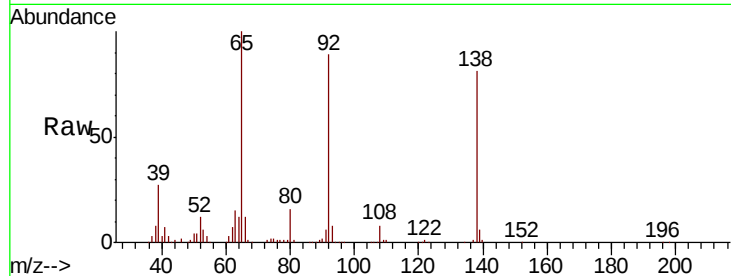




#53
3-Nitroaniline
Concen: 28.386 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

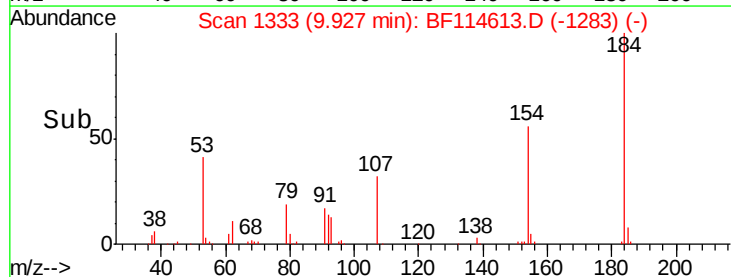
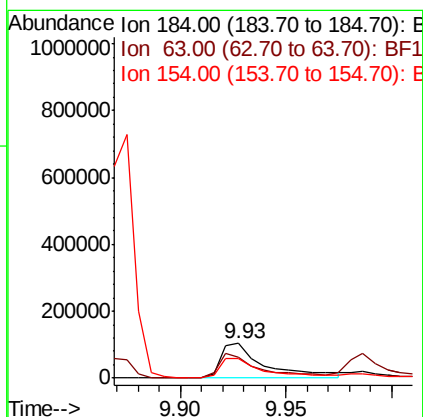
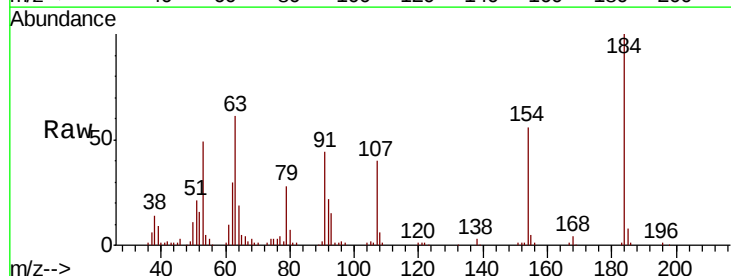
Instrument :
BNA_F
ClientSampleId :
PB119919BS

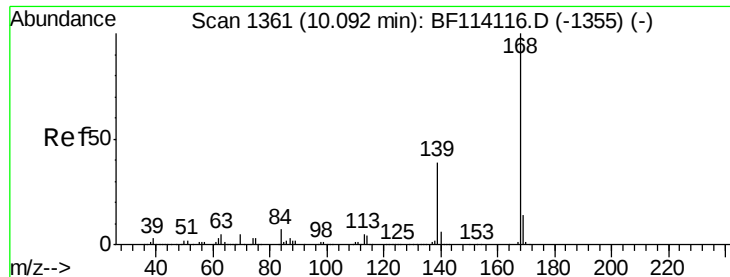
Tot Ion:138 Resp: 148988
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 110.0 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 70.999 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:184 Resp: 149190
Ion Ratio Lower Upper
184 100
63 60.5 55.6 83.4
154 56.4 46.0 69.0

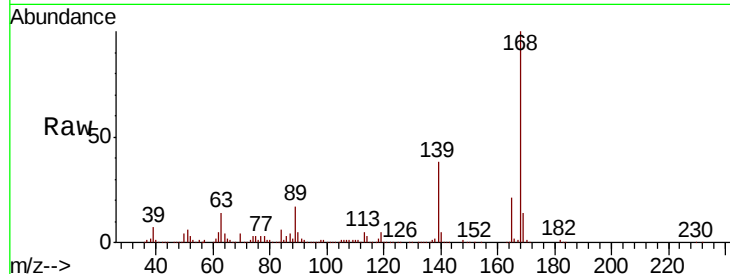




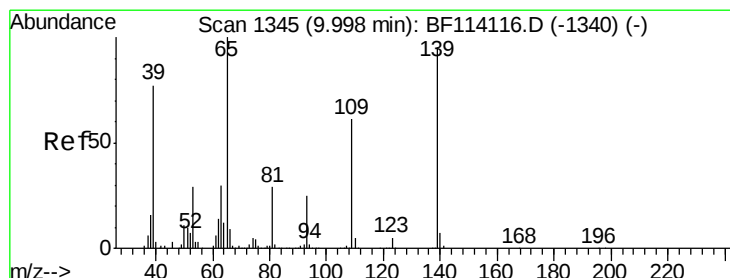
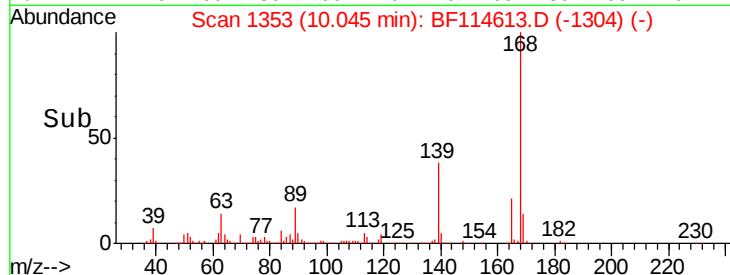
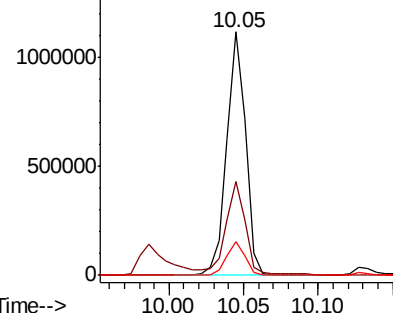
#55
Dibenzofuran
Concen: 42.476 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:168 Resp: 981476
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7
169 14.0 11.4 17.0

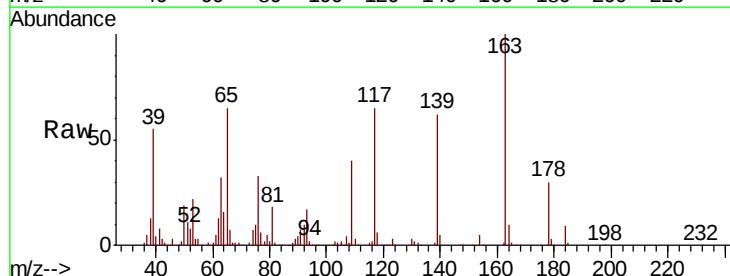


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

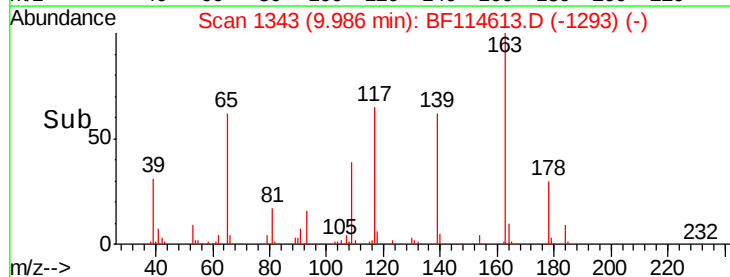
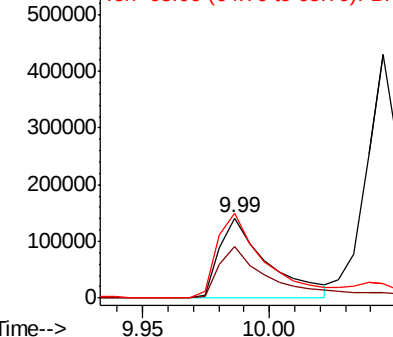


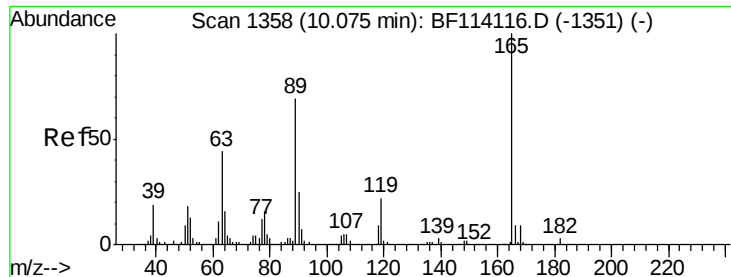
#56
4-Nitrophenol
Concen: 50.181 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:139 Resp: 186263
Ion Ratio Lower Upper
139 100
109 64.5 43.9 83.9
65 105.2 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

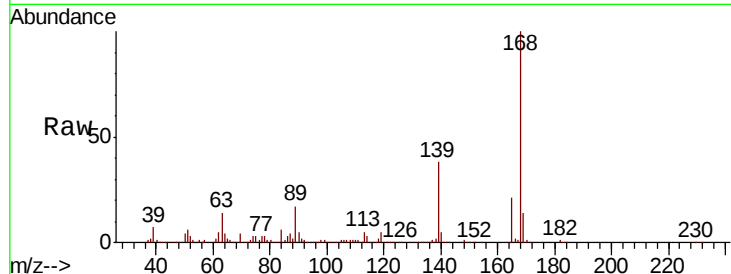




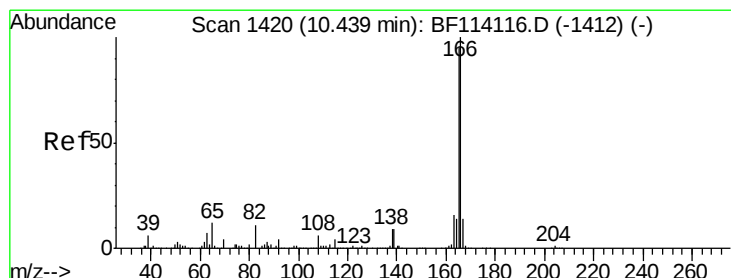
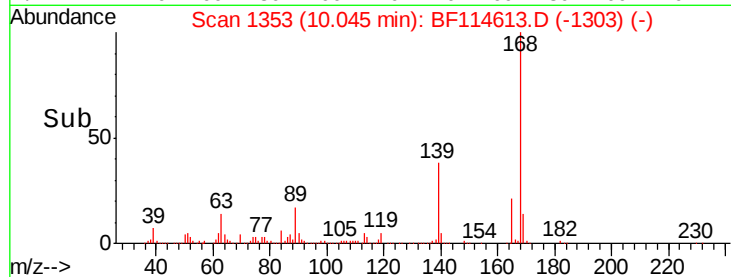
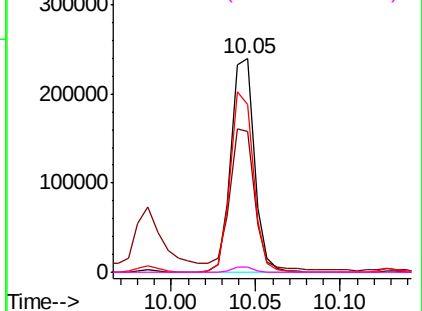
#57
2,4-Dinitrotoluene
Concen: 40.093 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.2	35.5	53.3#
89	78.6	55.2	82.8
182	2.5	2.2	3.2

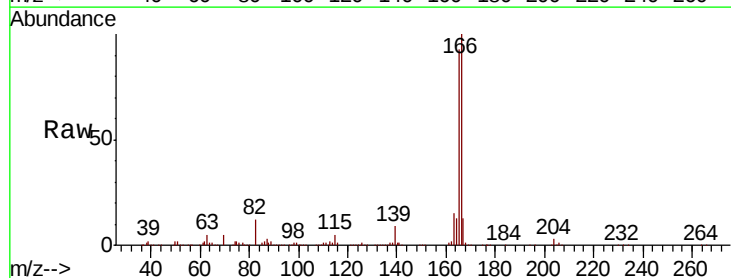


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

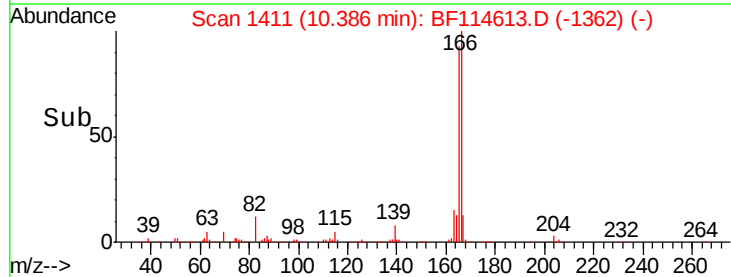
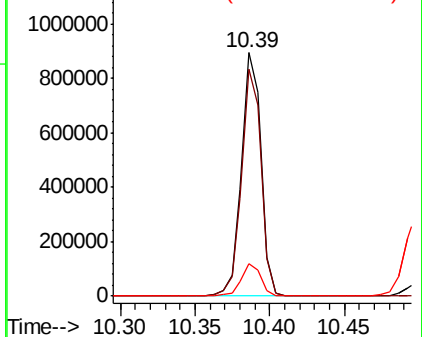


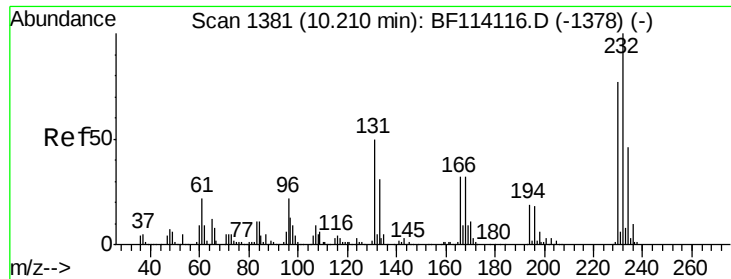
#58
Fluorene
Concen: 45.424 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.0	76.1	114.1
167	13.5	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

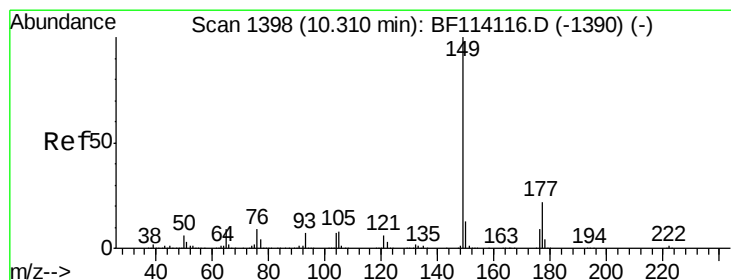
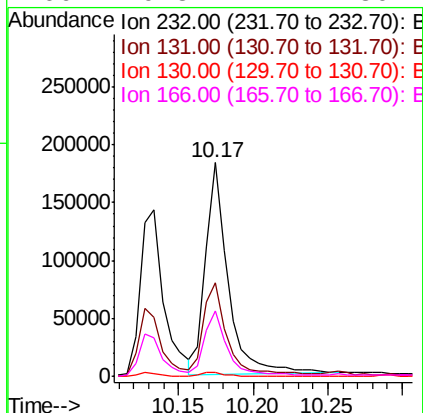
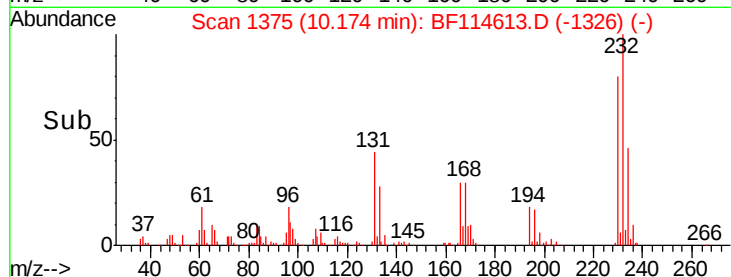
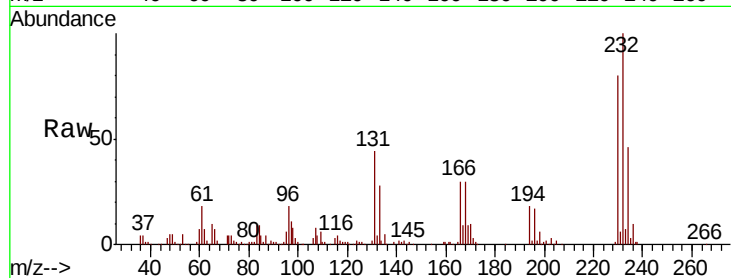




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.018 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

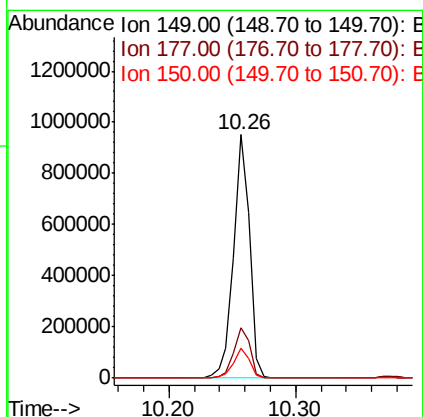
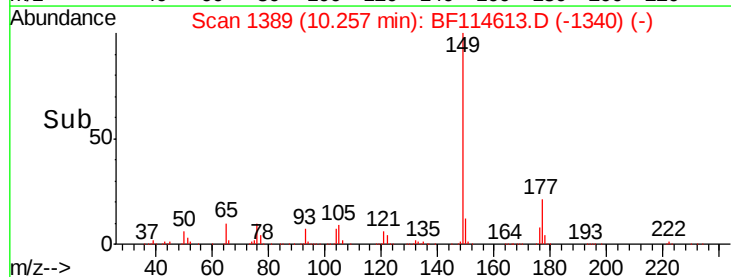
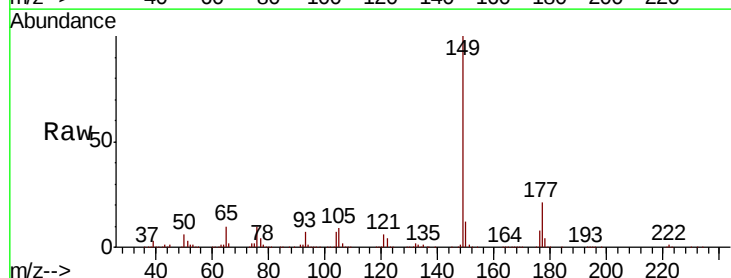
Instrument :
BNA_F
ClientSampleId :
PB119919BS

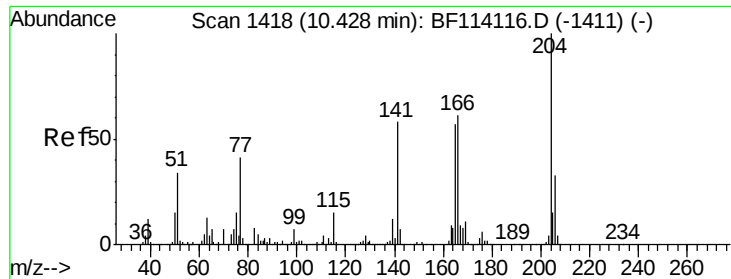
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.6	53.4
130	2.1	1.6	2.4
166	29.8	24.1	36.1



#60
Diethylphthalate
Concen: 42.366 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.8	26.6
150	12.5	10.2	15.2

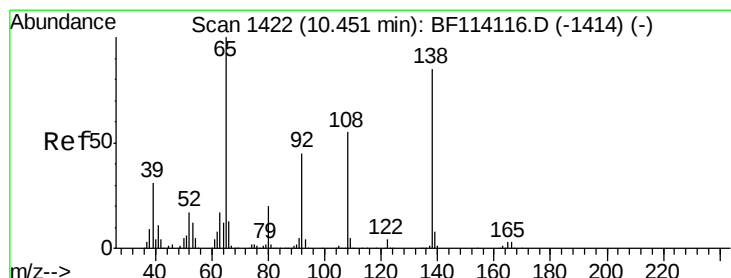
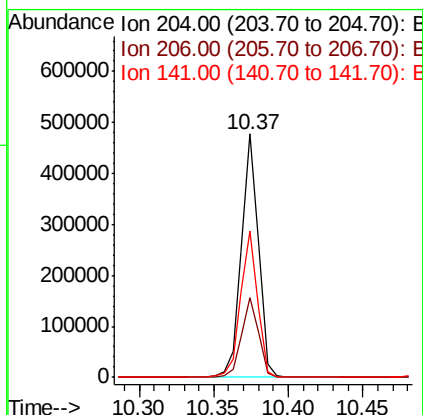
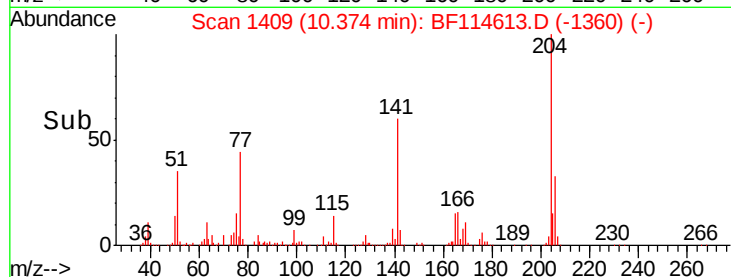
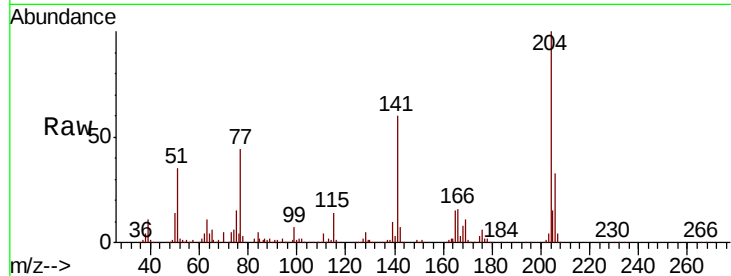




#61
4-Chlorophenyl-phenylether
Concen: 43.420 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

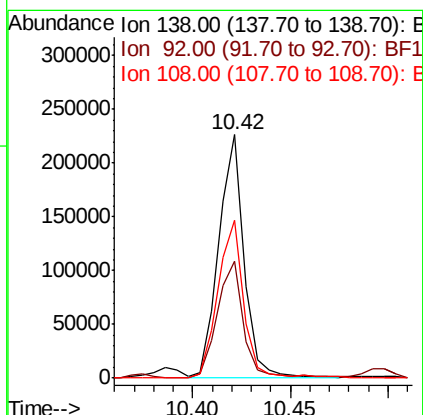
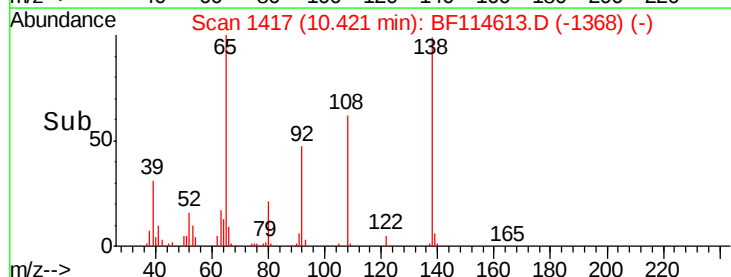
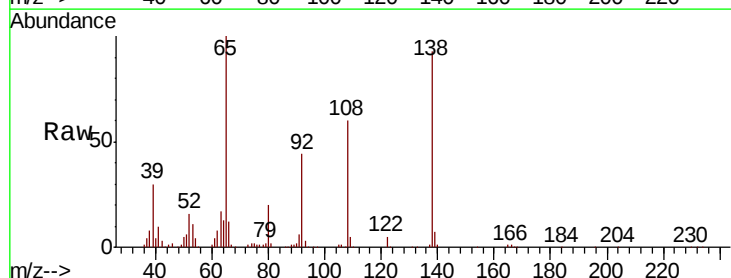
Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:204 Resp: 380621
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 60.0 46.4 69.6



#62
4-Nitroaniline
Concen: 36.518 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:138 Resp: 201410
Ion Ratio Lower Upper
138 100
92 47.8 33.0 73.0
108 64.8 44.9 84.9





#63

Azobenzene

Concen: 42.354 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

Tot Ion: 77 Resp: 794082

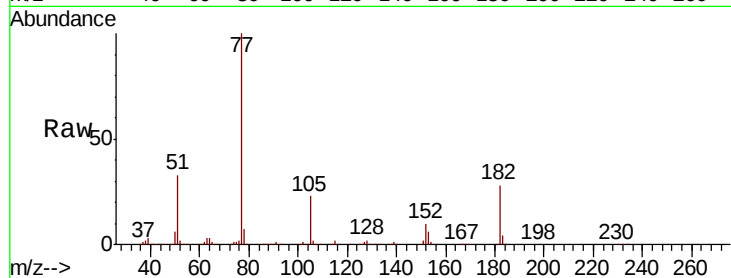
Ion Ratio Lower Upper

77 100

182 28.0 4.7 44.7

105 23.3 2.9 42.9

51 32.7 14.6 54.6

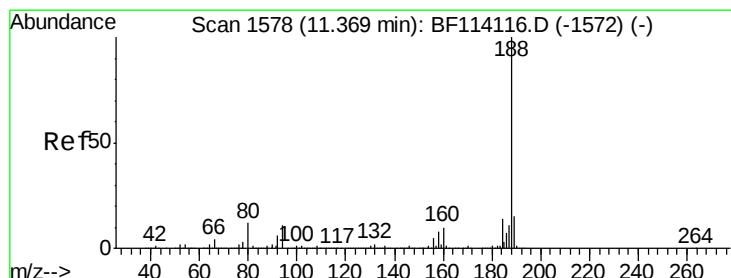
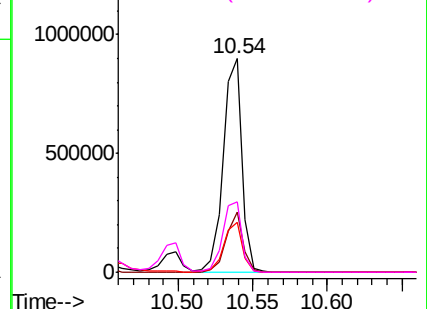
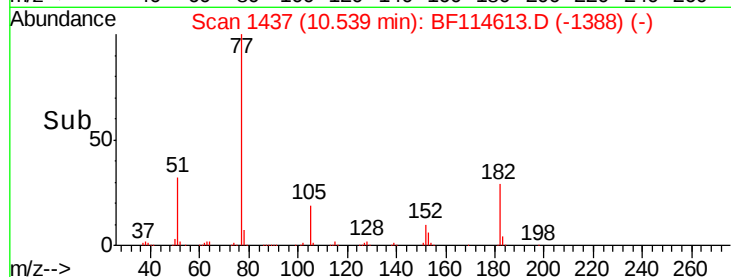


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114613.D

Acq: 25 May 2019 19:23

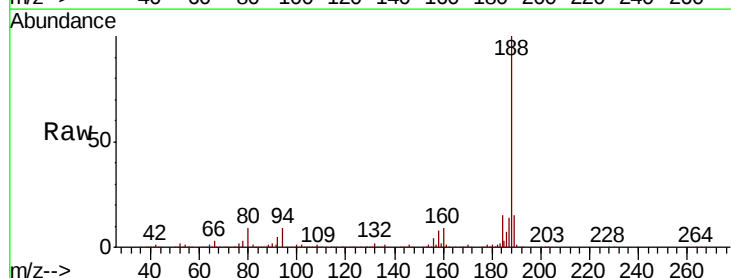
Tgt Ion: 188 Resp: 510510

Ion Ratio Lower Upper

188 100

94 8.6 8.4 12.6

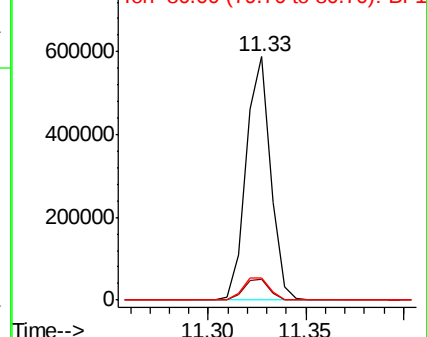
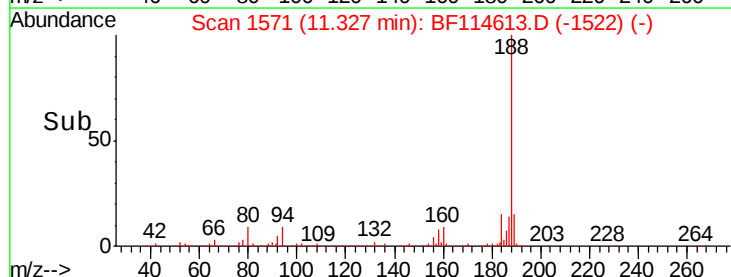
80 9.3 9.2 13.8



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

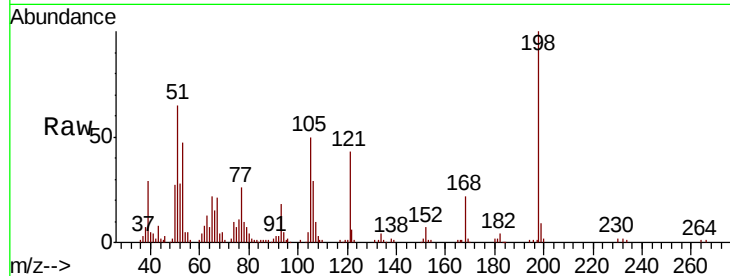




#65
4,6-Dinitro-2-methylphenol
Concen: 43.770 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	64.9	28.0	68.0
105	49.8	21.1	61.1

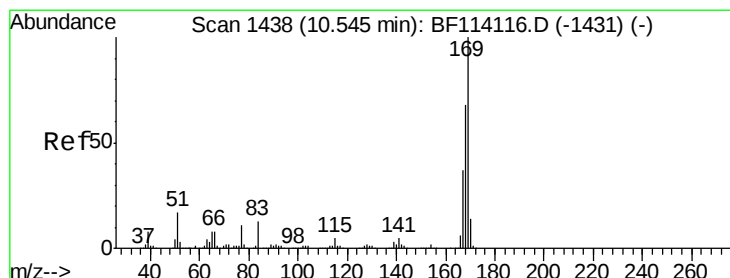
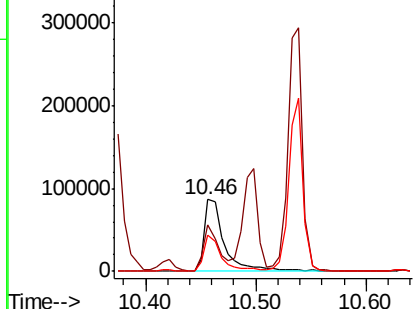
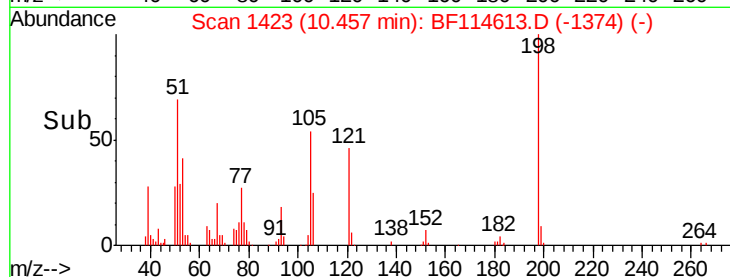


Abundance

Ion 198.00 (197.70 to 198.70): E

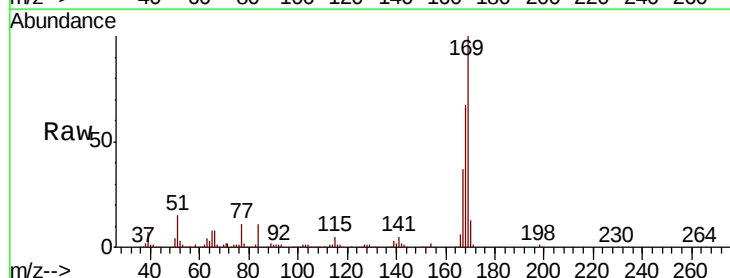
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 45.906 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.2	81.2
167	36.6	29.8	44.8

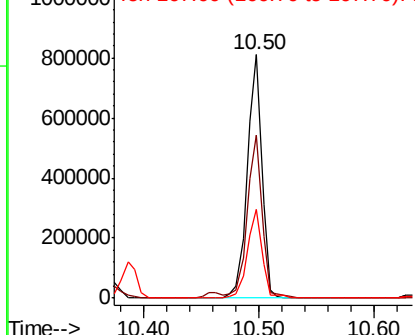
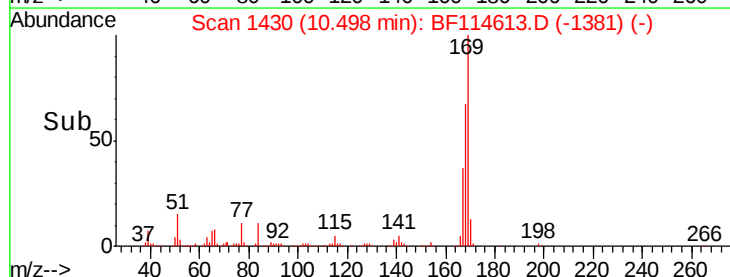


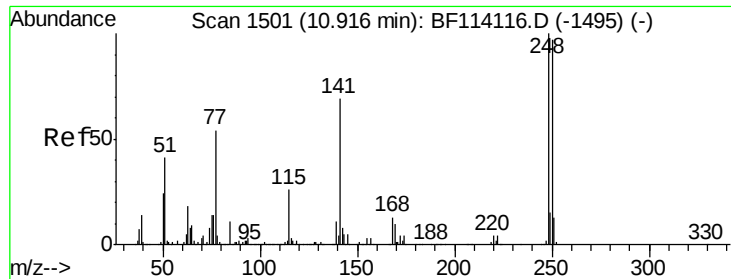
Abundance

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

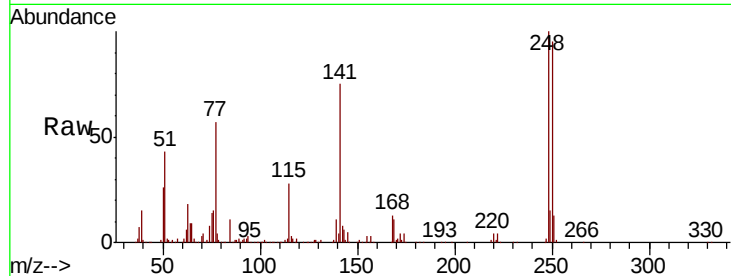




#67
4-Bromophenyl-phenylether
Concen: 41.975 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.4	116.2
141	74.7	55.6	83.4

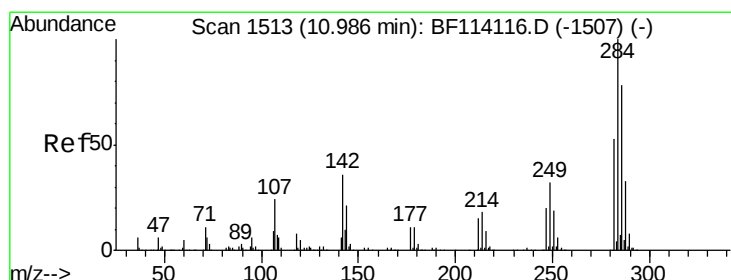
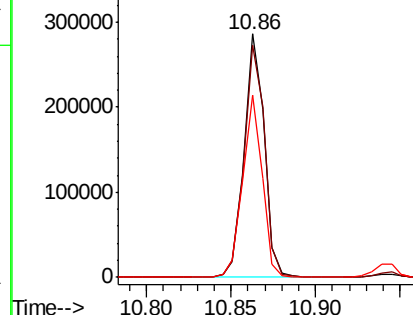
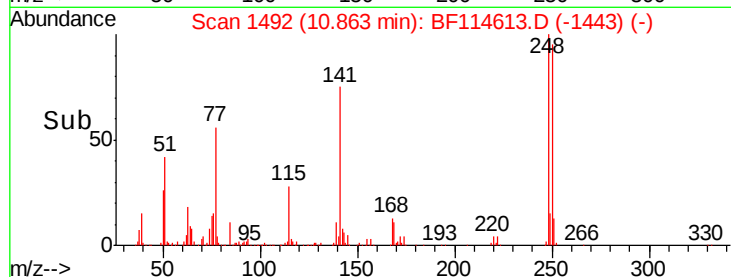


Abundance

Ion 248.00 (247.70 to 248.70): E

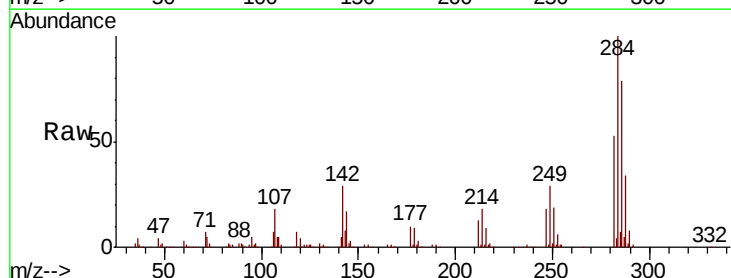
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.114 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	28.4	42.6
249	29.1	25.2	37.8

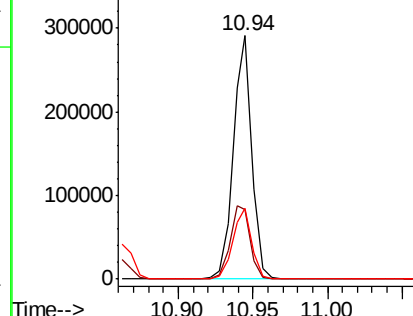
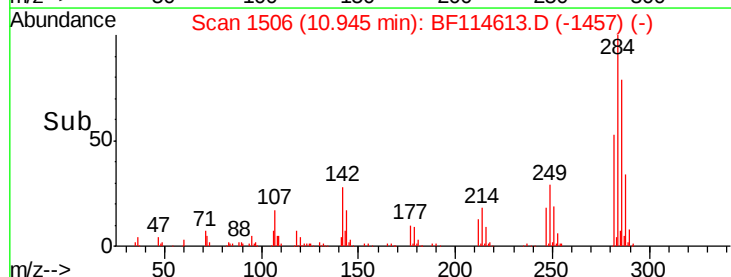


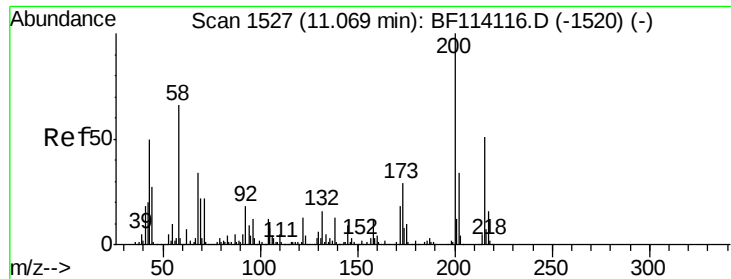
Abundance

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: 43.055 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

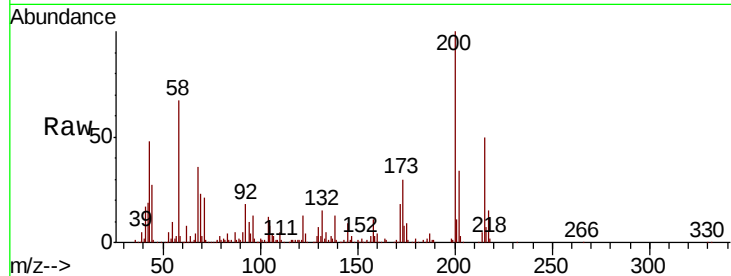
Tot Ion:200 Resp: 207599

Ion Ratio Lower Upper

200 100

173 30.2 8.9 48.9

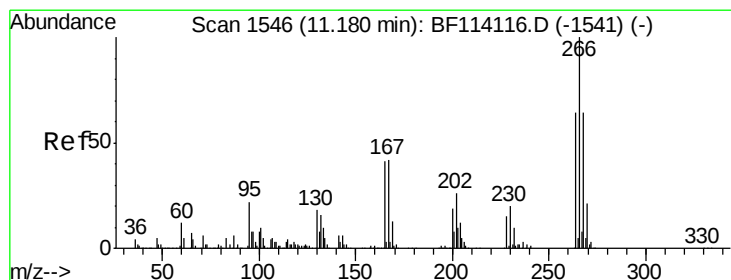
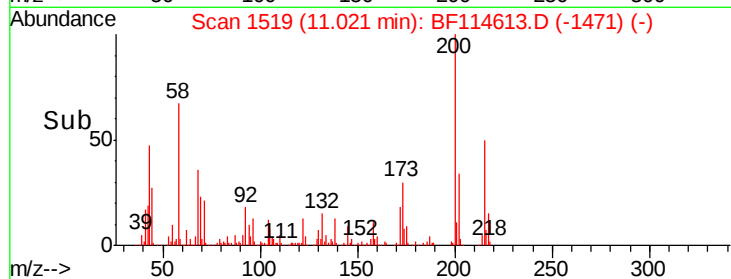
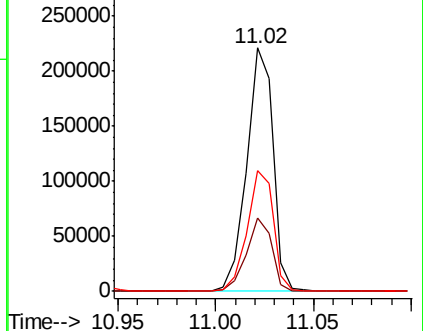
215 49.7 30.7 70.7



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: 55.995 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

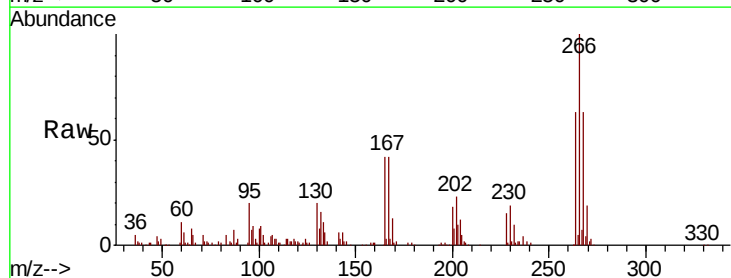
Tgt Ion:266 Resp: 165058

Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

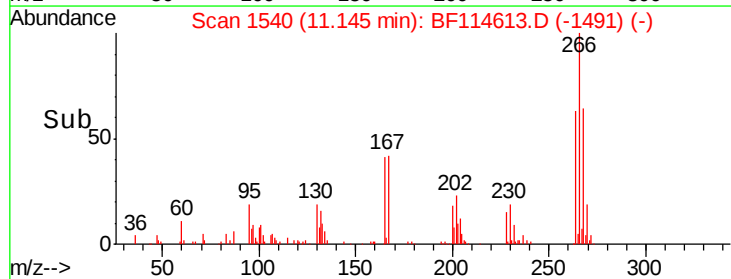
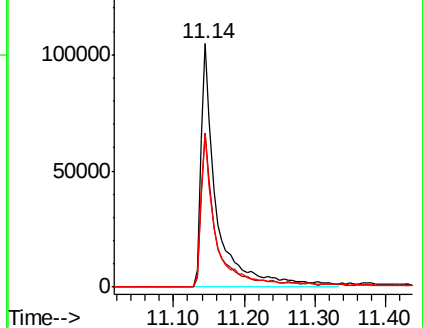
264 63.2 51.1 76.7

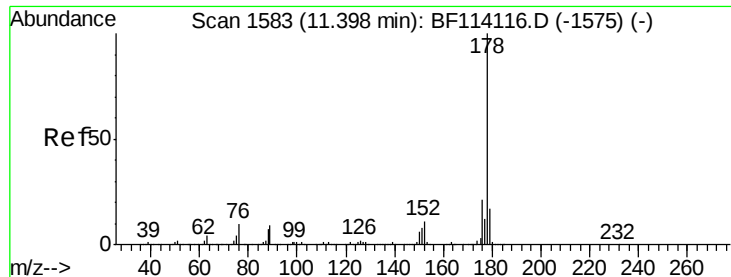


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

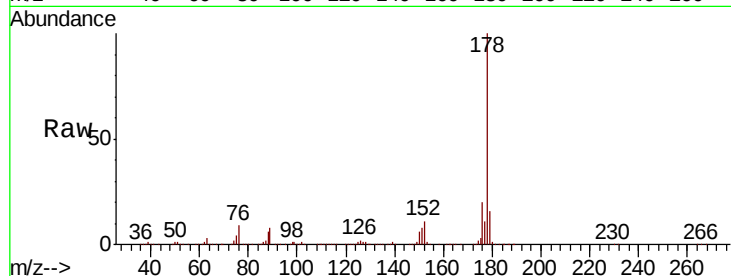




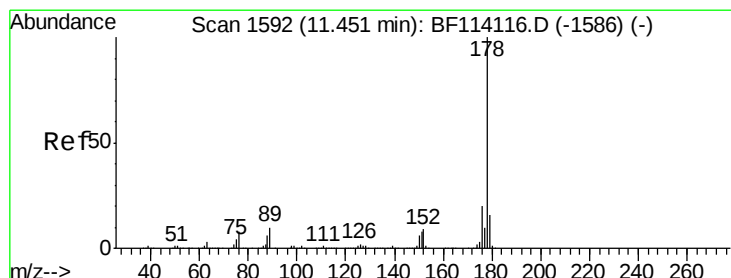
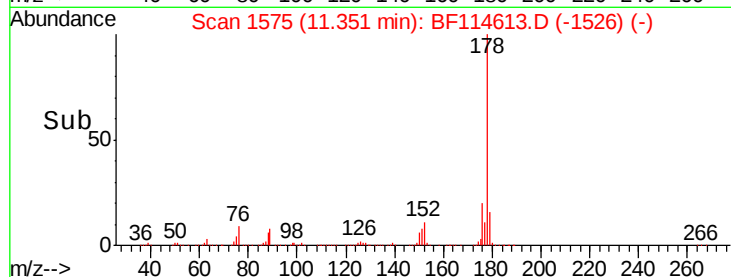
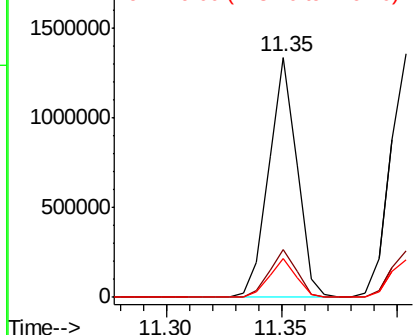
#71
Phenanthrene
Concen: 45.516 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Instrument :
BNA_F
ClientSampleId :
PB119919BS

Tot Ion:178 Resp: 1130480
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 16.0 13.2 19.8

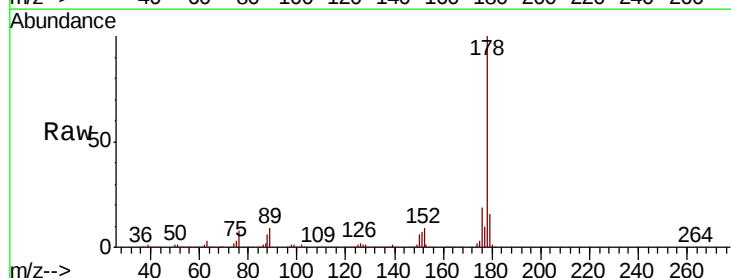


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

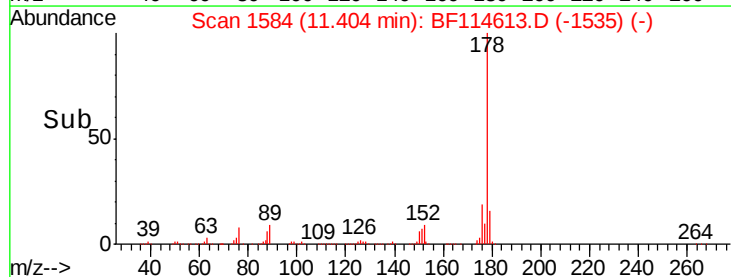
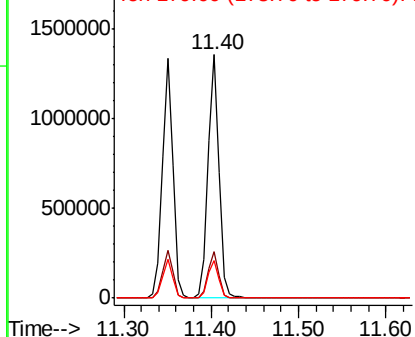


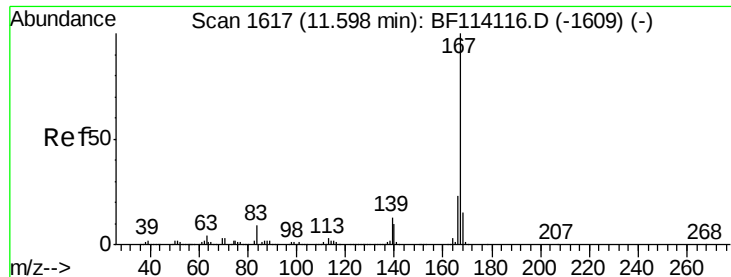
#72
Anthracene
Concen: 47.480 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:178 Resp: 1184468
Ion Ratio Lower Upper
178 100
176 18.9 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: 45.892 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

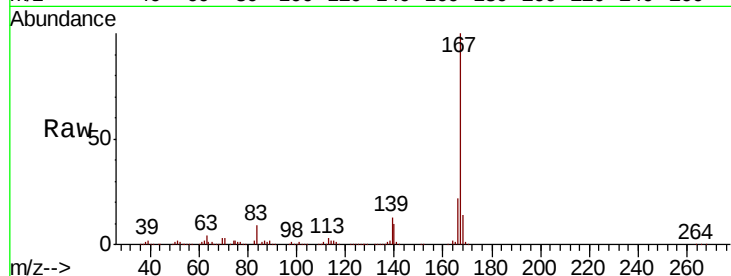
Tot Ion:167 Resp: 1091727

Ion Ratio Lower Upper

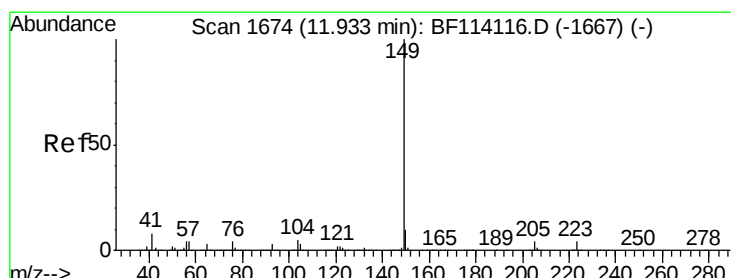
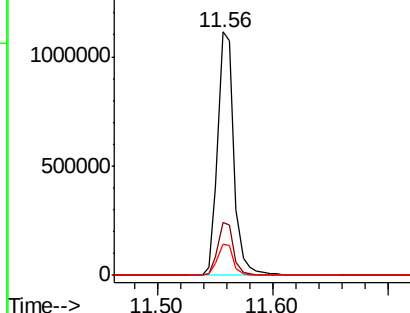
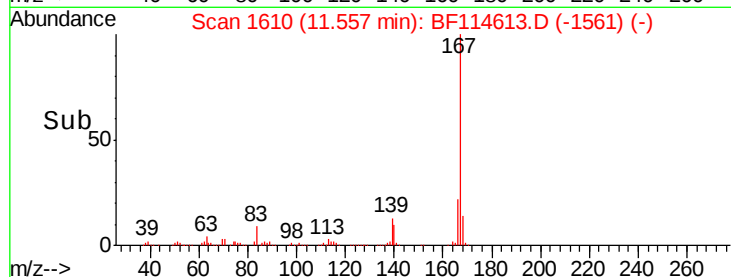
167 100

166 21.7 18.2 27.2

139 12.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
1500000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.058 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

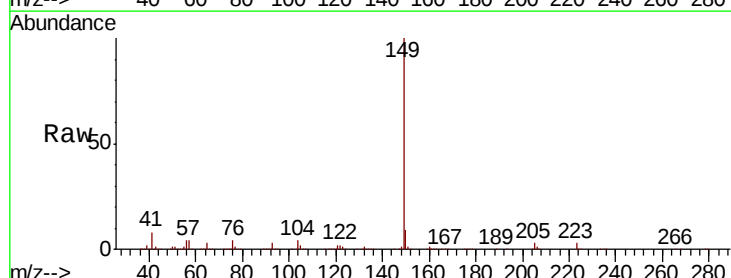
Tgt Ion:149 Resp: 1234880

Ion Ratio Lower Upper

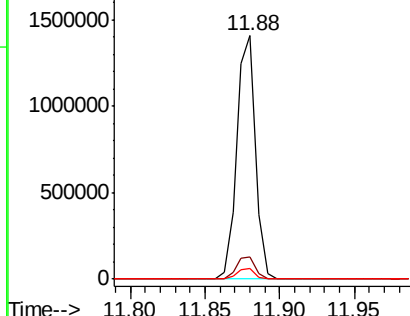
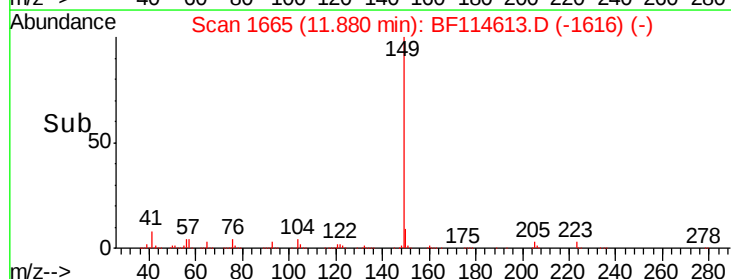
149 100

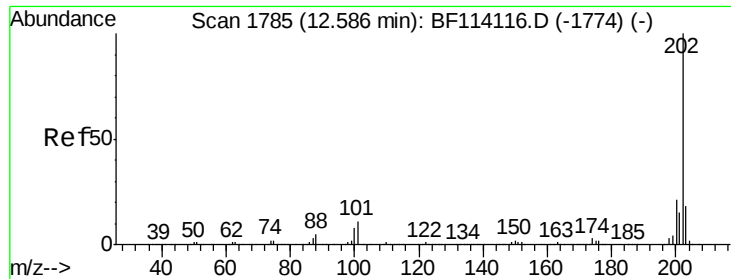
150 9.1 7.7 11.5

104 4.3 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

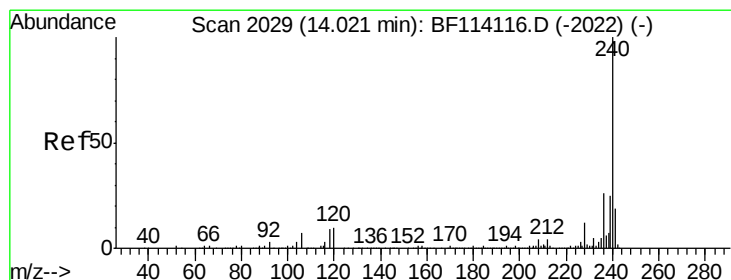
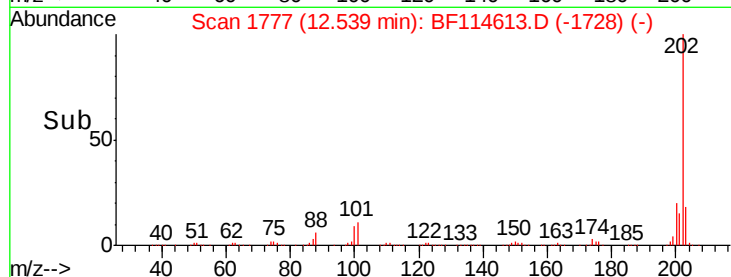
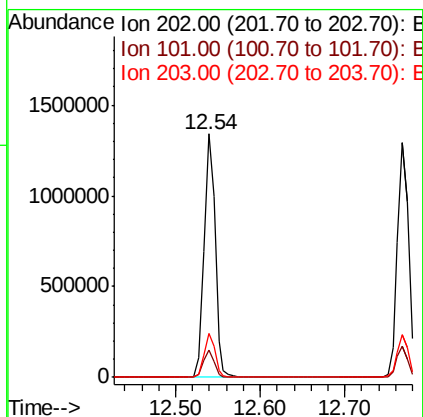
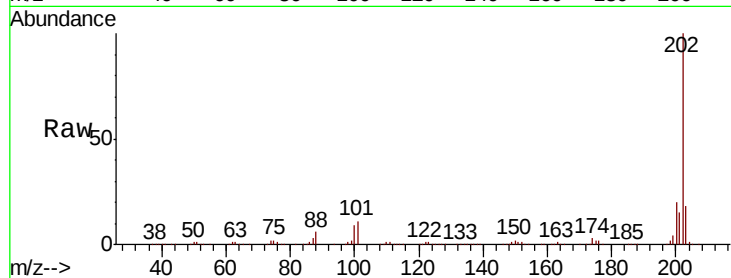




#75
 Fluoranthene
 Concen: 45.168 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

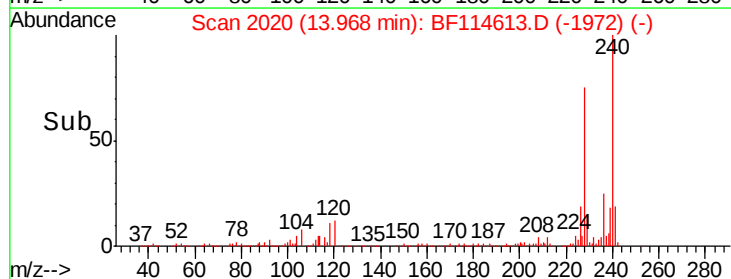
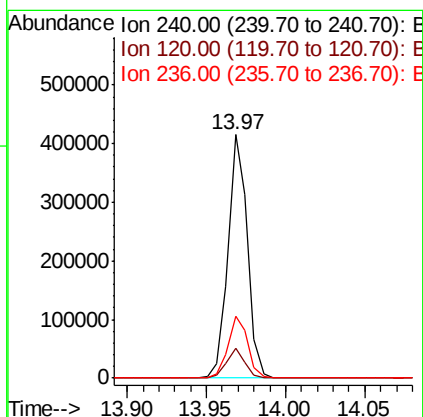
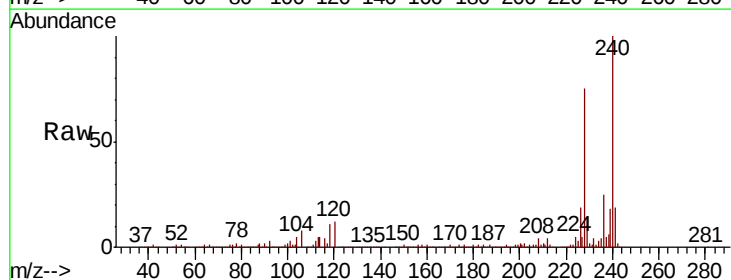
Instrument :
 BNA_F
 ClientSampleId :
 PB119919BS

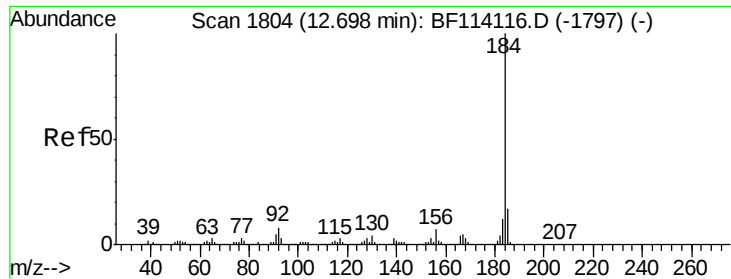
Tot Ion:202 Resp: 1208076
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.0
 203 18.3 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114613.D
 Acq: 25 May 2019 19:23

Tgt Ion:240 Resp: 348611
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 25.4 20.8 31.2





#77

Benzidine

Concen: 38.179 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

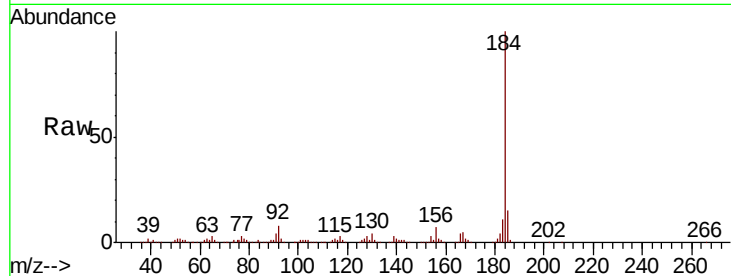
Tot Ion:184 Resp: 597441

Ion Ratio Lower Upper

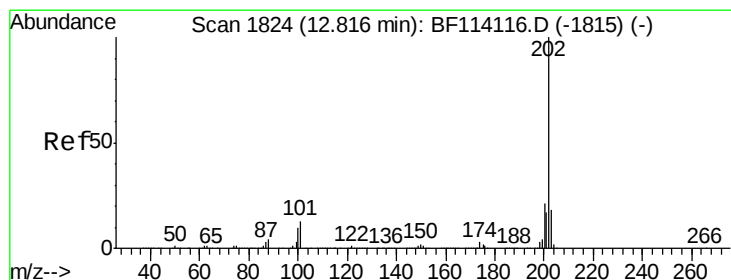
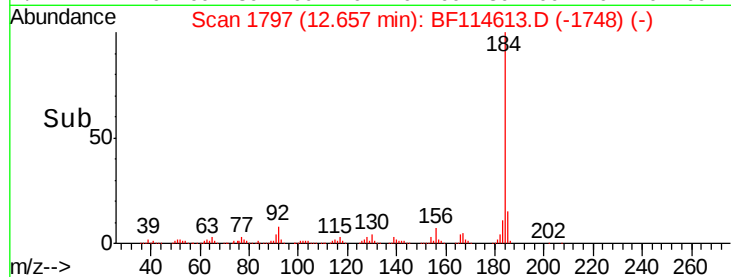
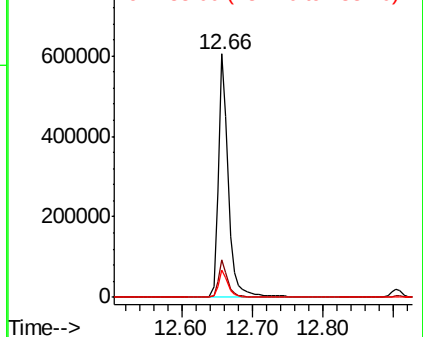
184 100

185 15.3 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: 43.313 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

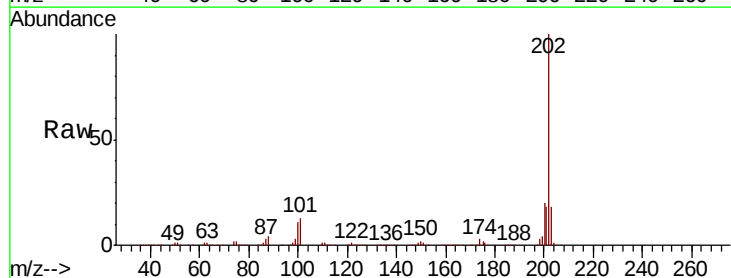
Tgt Ion:202 Resp: 1214677

Ion Ratio Lower Upper

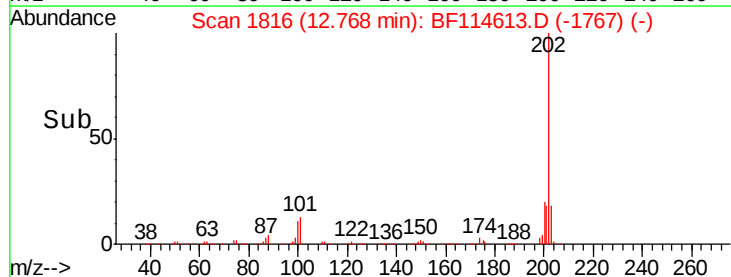
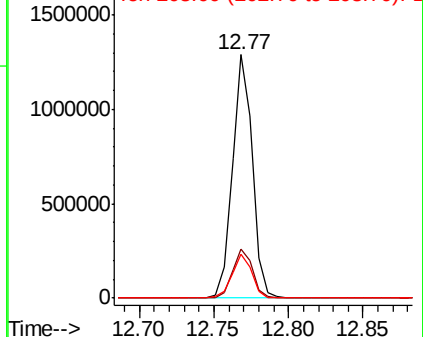
202 100

200 19.9 16.9 25.3

203 18.1 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: 92.818 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

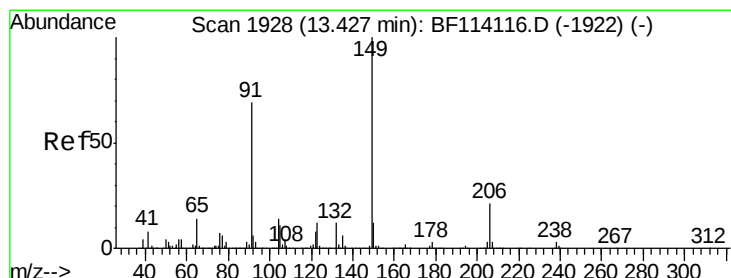
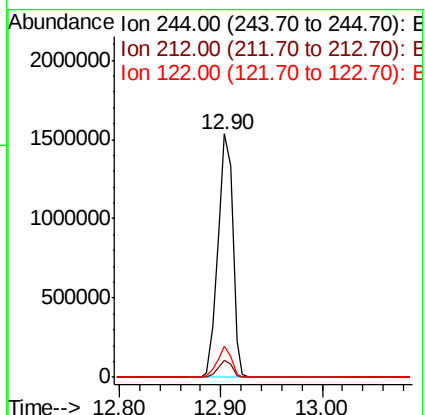
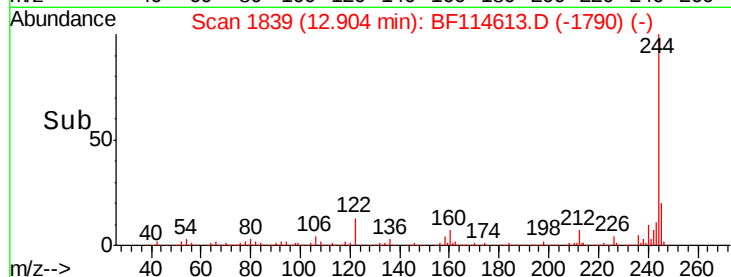
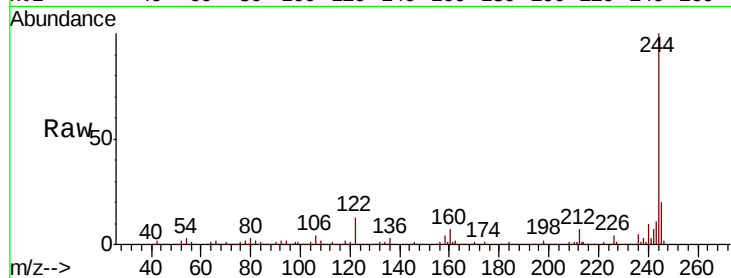
Tot Ion:244 Resp: 1569652

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 13.0 9.4 14.2



#80

Butylbenzylphthalate

Concen: 44.891 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

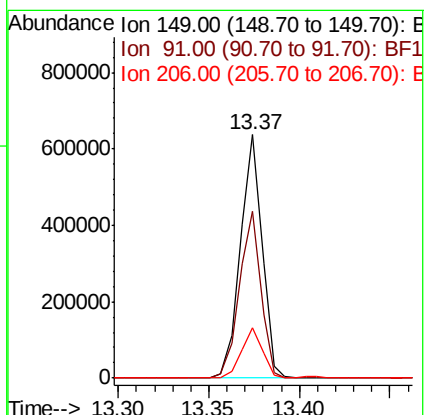
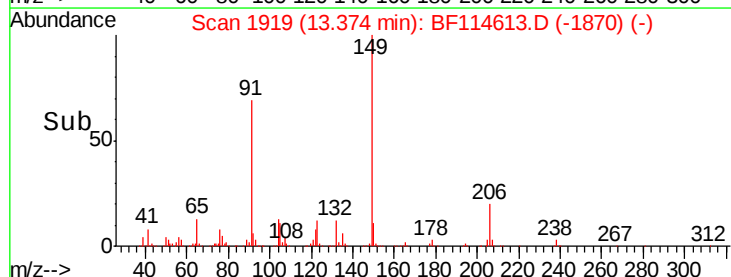
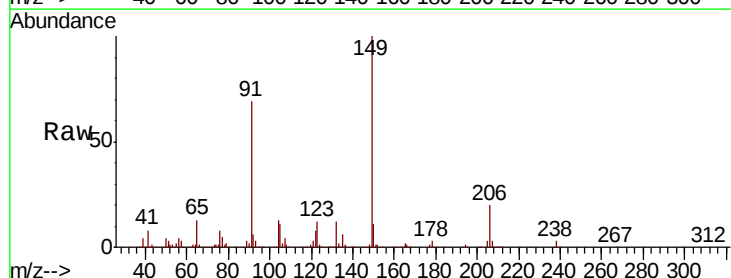
Tgt Ion:149 Resp: 529894

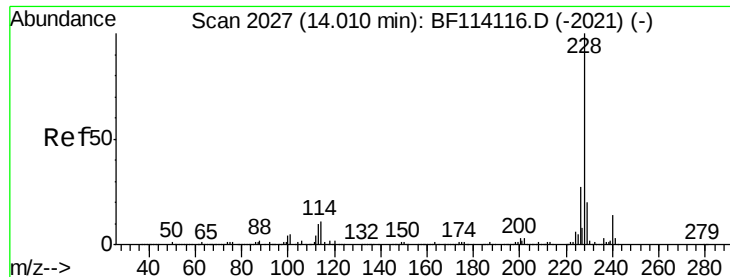
Ion Ratio Lower Upper

149 100

91 68.8 55.0 82.4

206 20.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 44.613 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

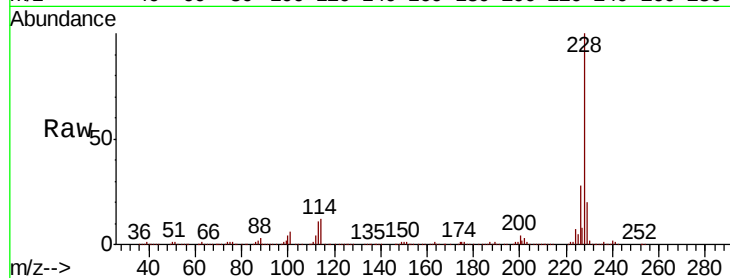
Tot Ion:228 Resp: 1005939

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

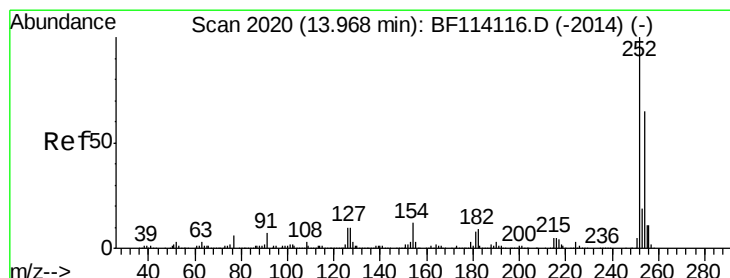
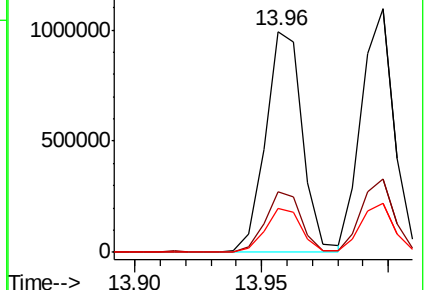
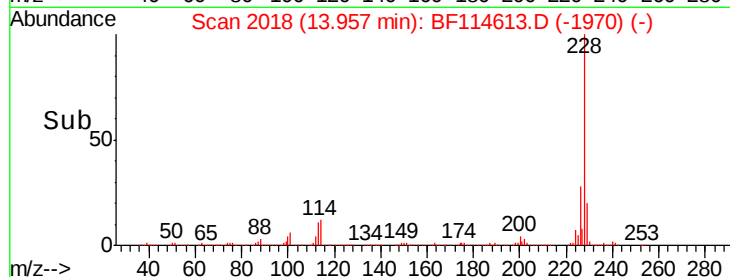
229 20.1 16.4 24.6



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: 32.151 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

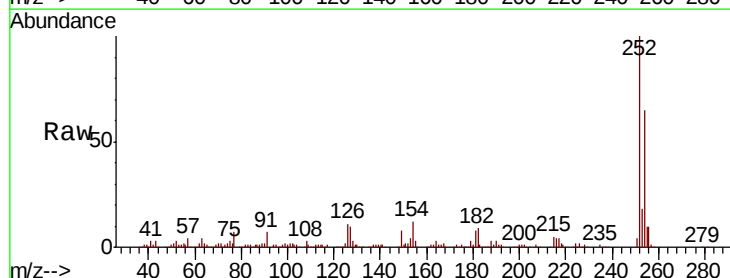
Tgt Ion:252 Resp: 281227

Ion Ratio Lower Upper

252 100

254 65.1 51.9 77.9

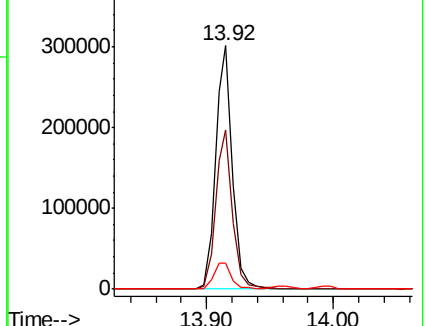
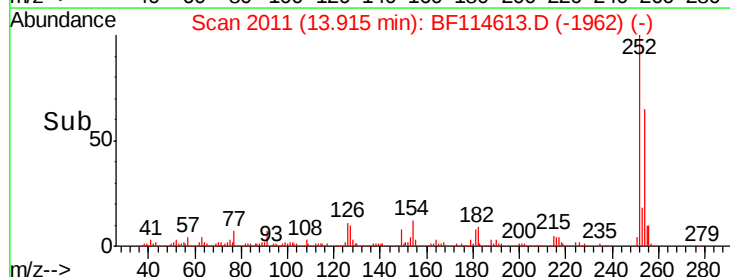
126 10.5 7.9 11.9

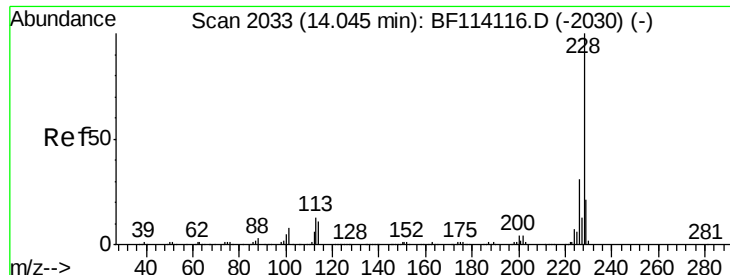


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 44.378 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

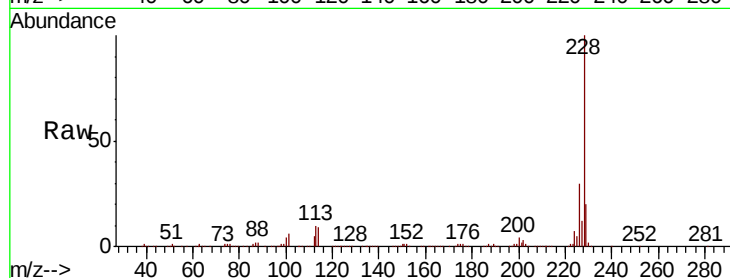
Tot Ion:228 Resp: 980903

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

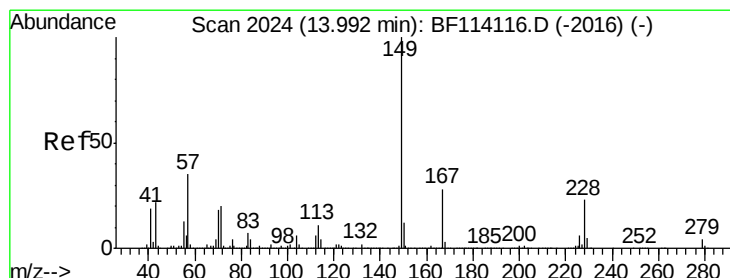
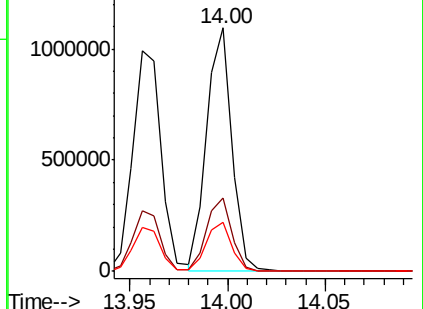
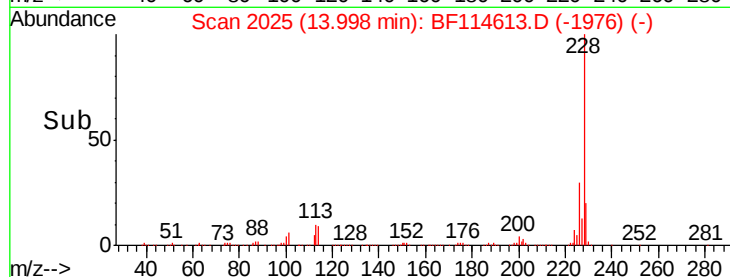
229 20.0 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.989 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

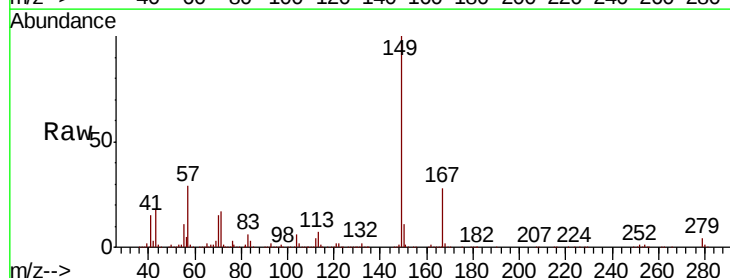
Tgt Ion:149 Resp: 694546

Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

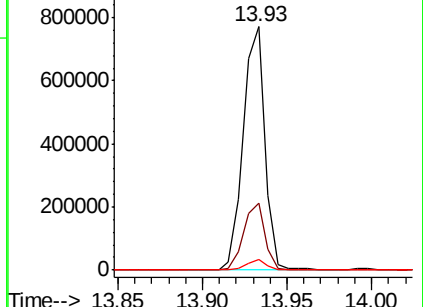
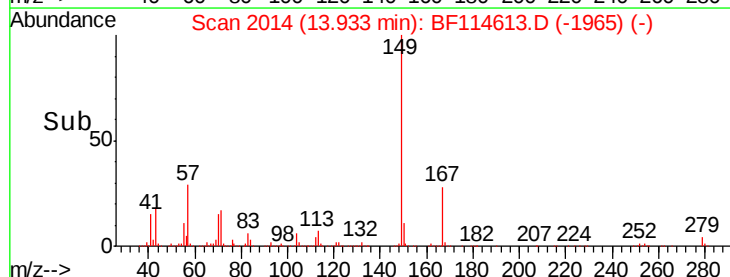
279 4.2 3.0 4.6

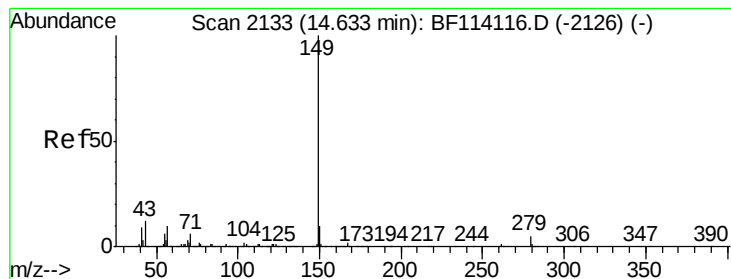


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.316 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

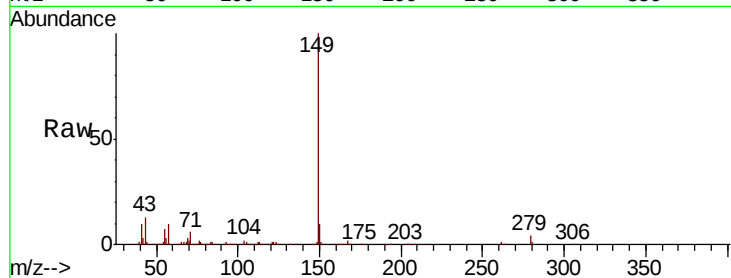
Tot Ion:149 Resp: 1159121

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

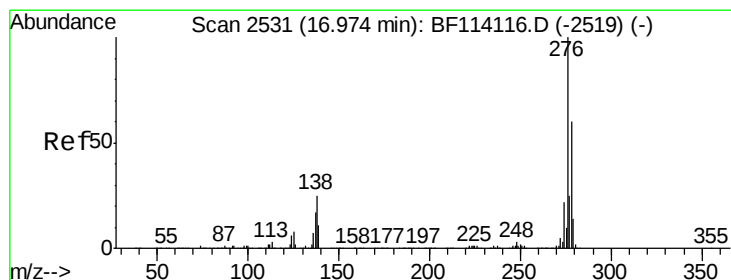
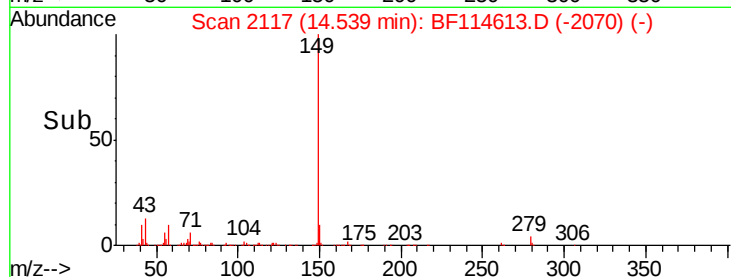
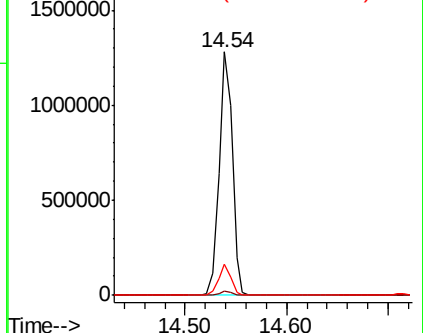
43 11.9 10.1 15.1



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: 48.953 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

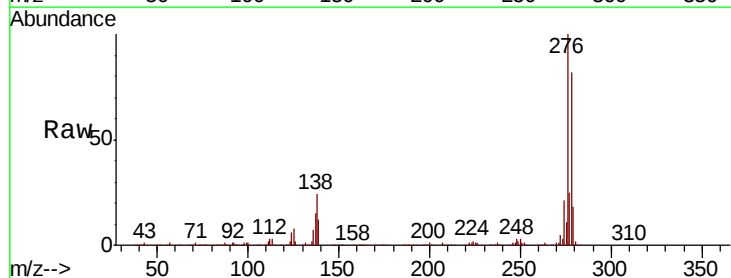
Tgt Ion:276 Resp: 956272

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.2

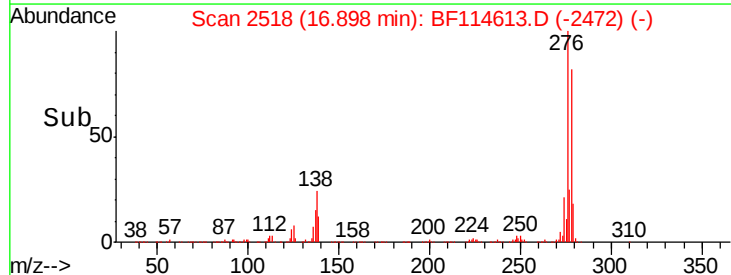
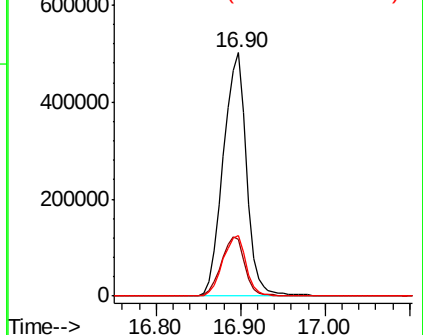
277 24.9 20.0 30.0

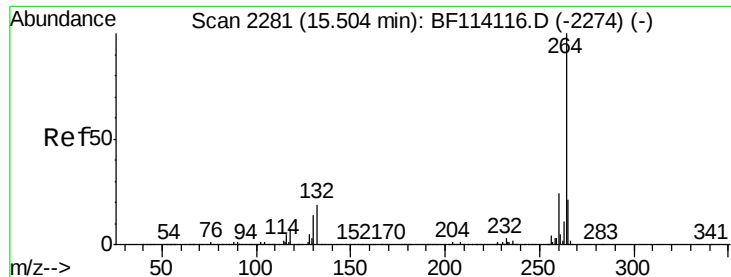


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

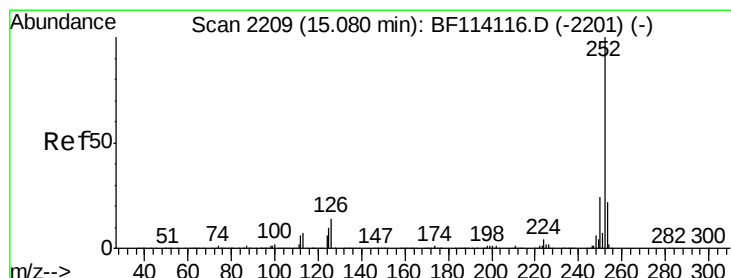
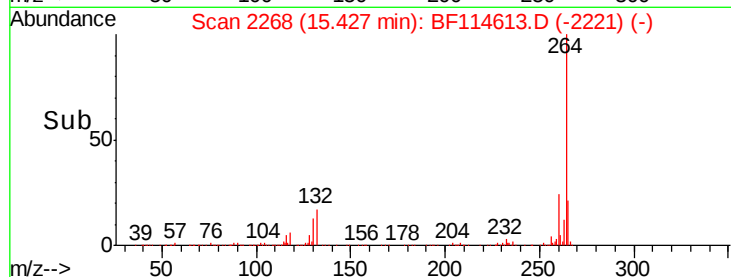
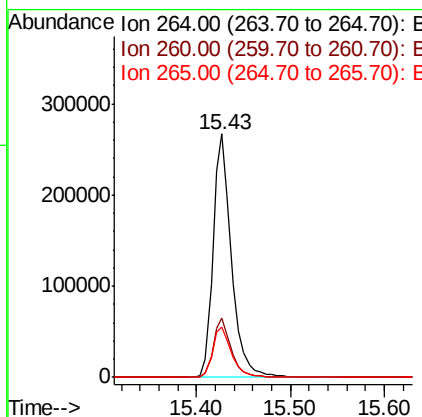
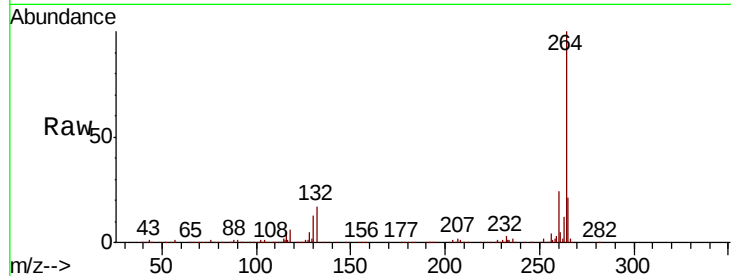




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

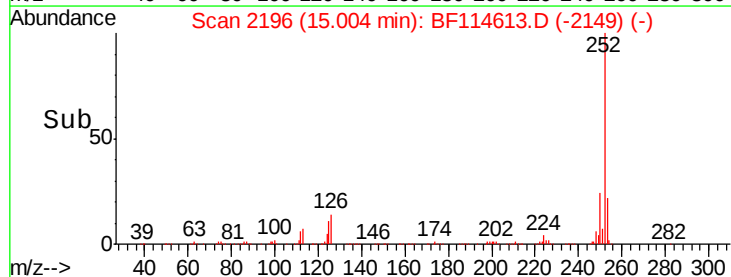
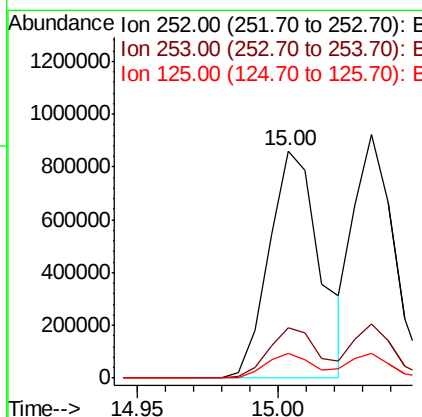
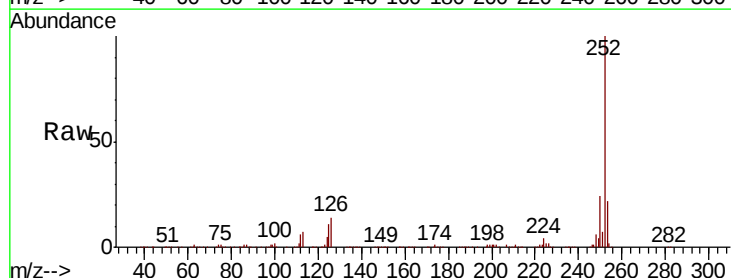
Instrument :
BNA_F
ClientSampleId :
PB119919BS

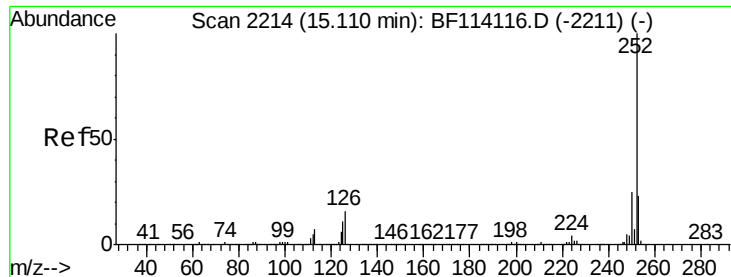
Tot Ion:264 Resp: 366137
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 20.8 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 46.053 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:252 Resp: 1080258
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.7 8.3 12.5

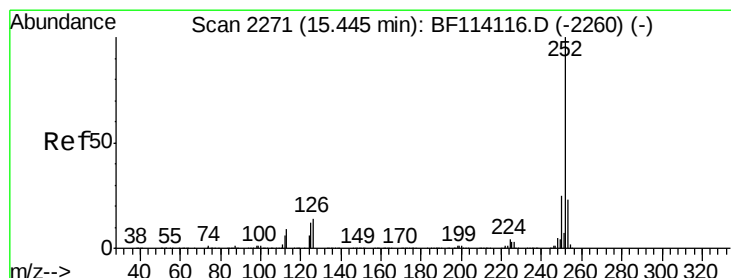
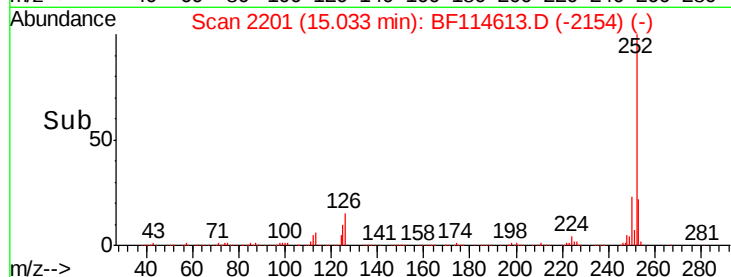
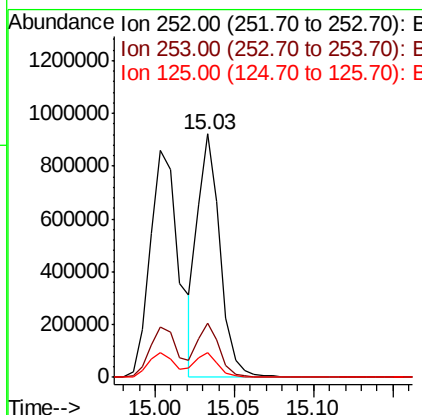
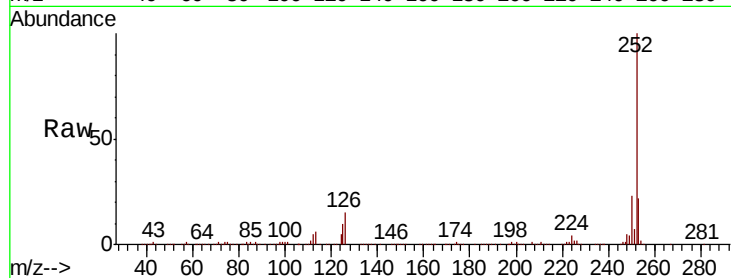




#89
Benzo(k)fluoranthene
Concen: 42.291 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

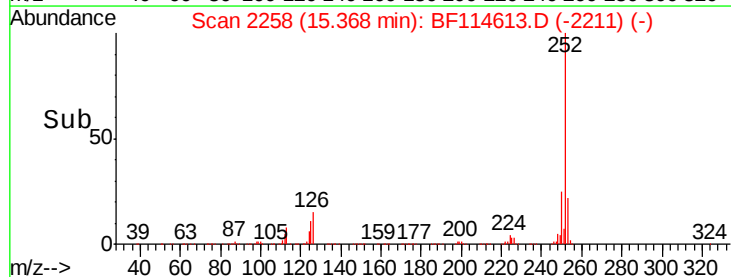
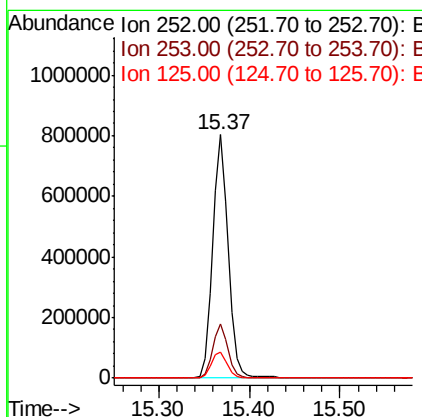
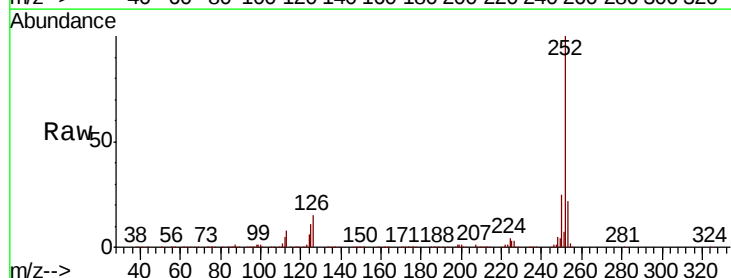
Instrument :
BNA_F
ClientSampleId :
PB119919BS

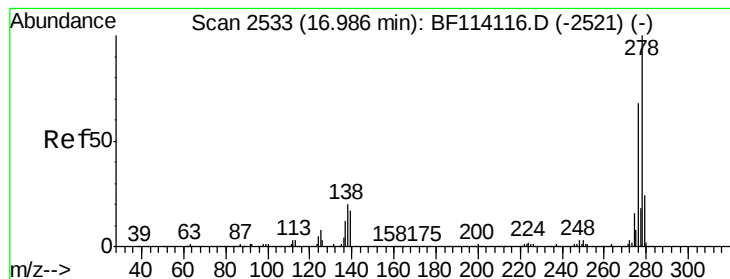
Tot Ion:252 Resp: 911265
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 46.337 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114613.D
Acq: 25 May 2019 19:23

Tgt Ion:252 Resp: 956580
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 46.955 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB119919BS

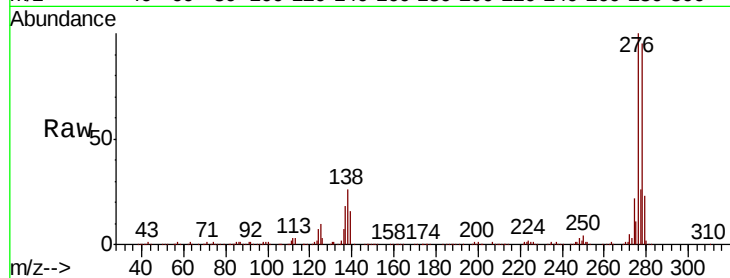
Tot Ion:278 Resp: 805480

Ion Ratio Lower Upper

278 100

139 16.6 13.5 20.3

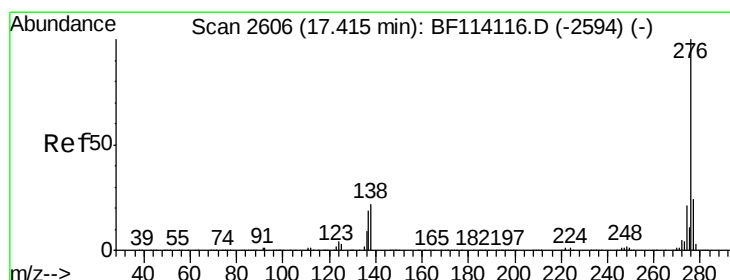
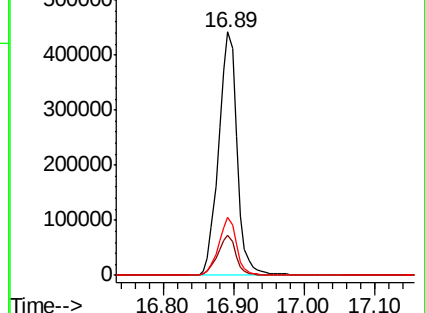
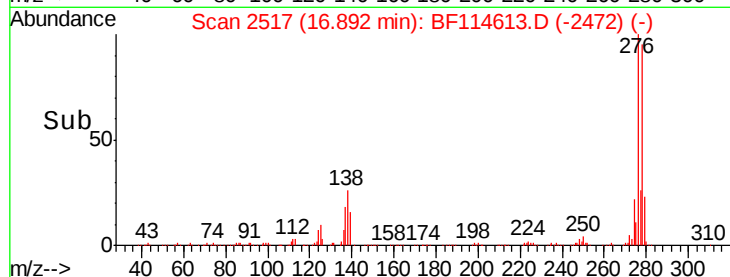
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.757 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.04 min

Lab File: BF114613.D

Acq: 25 May 2019 19:23

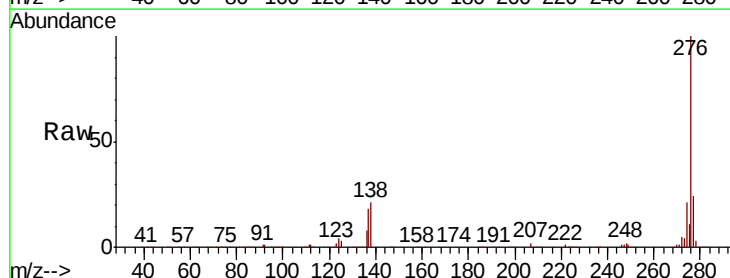
Tgt Ion:276 Resp: 803796

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 21.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

