

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115038.D
 Acq On : 14 Jun 2019 14:29
 Operator : HP/JU
 Sample : PB120599BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:42:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	251823	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	962474	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	463453	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	902372	20.00	ng	0.00
76) Chrysene-d12	13.77	240	644914	20.00	ng	0.00
87) Perylene-d12	15.14	264	624794	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1072880	71.14	ng	0.00
7) Phenol-d6	6.29	99	1298243	71.36	ng	0.00
23) Nitrobenzene-d5	7.21	82	1113713	69.65	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	370259	74.60	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2137285	78.16	ng	0.00
79) Terphenyl-d14	12.73	244	2290340	66.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	277565	39.319	ng	99
3) Pyridine	3.03	79	654808	32.947	ng	100
4) n-Nitrosodimethylamine	2.98	42	252427	35.774	ng	97
6) Aniline	6.30	93	552628	22.683	ng	# 54
8) 2-Chlorophenol	6.43	128	667853	39.054	ng	99
9) Benzaldehyde	6.19	77	9301	Below Cal		97
10) Phenol	6.30	94	751765	36.935	ng	90
11) bis(2-Chloroethyl)ether	6.39	93	593307	37.556	ng	100
12) 1,3-Dichlorobenzene	6.59	146	743845	37.241	ng	99
13) 1,4-Dichlorobenzene	6.66	146	759071	37.800	ng	99
14) 1,2-Dichlorobenzene	6.82	146	698104	36.926	ng	100
15) Benzyl Alcohol	6.80	79	412824	30.287	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	770624	36.447	ng	97
17) 2-Methylphenol	6.92	107	555147	38.921	ng	97
18) Hexachloroethane	7.16	117	266609	36.764	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	410263	37.117	ng	97
20) 3+4-Methylphenols	7.07	107	653986	38.525	ng	97
22) Acetophenone	7.06	105	889009	40.804	ng	96
24) Nitrobenzene	7.23	77	659007	40.507	ng	93
25) Isophorone	7.47	82	1182011	39.469	ng	99
26) 2-Nitrophenol	7.55	139	376220	41.488	ng	98
27) 2,4-Dimethylphenol	7.60	122	582770	44.549	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	742269	38.631	ng	100
29) 2,4-Dichlorophenol	7.80	162	569807	41.232	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	636633	39.869	ng	99
31) Naphthalene	7.95	128	1913163	42.012	ng	99
32) Benzoic acid	7.73	122	353649	37.363	ng	96
33) 4-Chloroaniline	8.00	127	484700	23.058	ng	98
34) Hexachlorobutadiene	8.07	225	345957	38.978	ng	100
35) Caprolactam	8.37	113	108038	23.472	ng	92
36) 4-Chloro-3-methylphenol	8.50	107	584176	41.946	ng	98
37) 2-Methylnaphthalene	8.64	142	1295802	42.663	ng	99
38) 1-Methylnaphthalene	8.74	142	1218968	42.463	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	550592	40.212	ng	99

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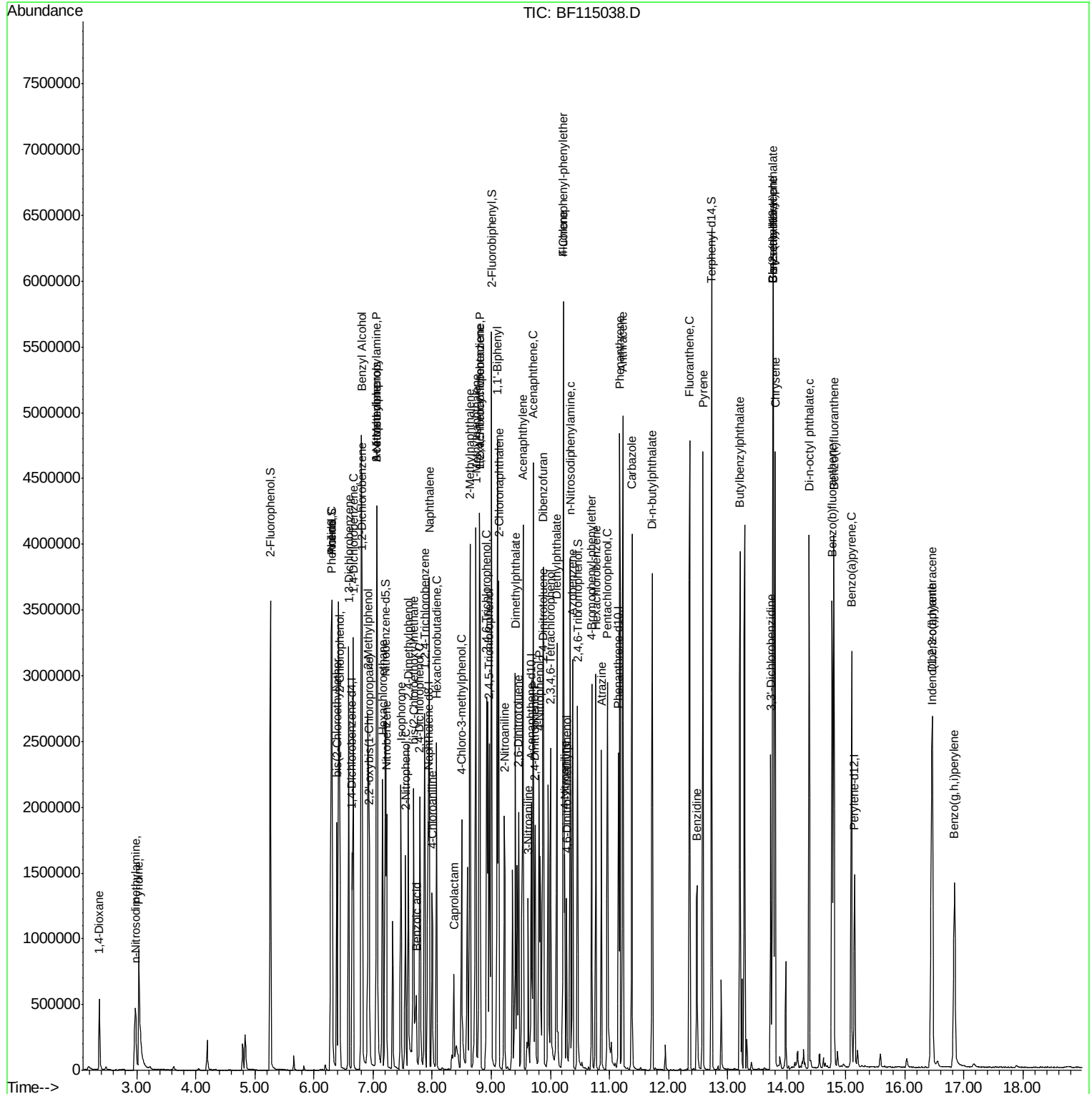
Quant Time: Jun 14 15:42:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
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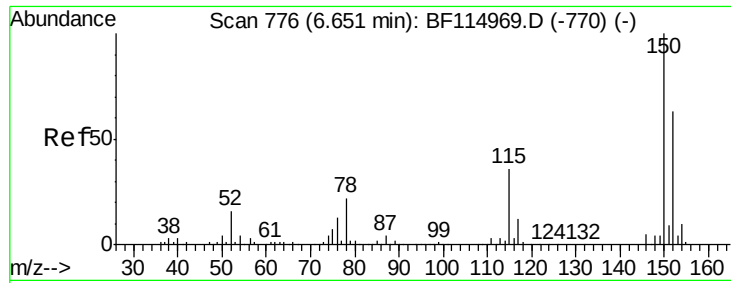
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	576747	85.483	ng	100
43) 2,4,6-Trichlorophenol	8.92	196	389317	38.069	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	416410	40.291	ng	96
46) 1,1'-Biphenyl	9.10	154	1515440	40.805	ng	99
47) 2-Chloronaphthalene	9.13	162	1202881	40.053	ng	99
48) 2-Nitroaniline	9.22	65	333862	37.611	ng	97
49) Acenaphthylene	9.54	152	1864510	40.379	ng	99
50) Dimethylphthalate	9.41	163	1376024	39.480	ng	99
51) 2,6-Dinitrotoluene	9.47	165	320818	40.579	ng	97
52) Acenaphthene	9.71	154	1072223	40.587	ng	98
53) 3-Nitroaniline	9.63	138	237903	24.560	ng	97
54) 2,4-Dinitrophenol	9.75	184	320158	83.487	ng	96
55) Dibenzofuran	9.88	168	1608366	40.396	ng	100
56) 4-Nitrophenol	9.81	139	507856	76.028	ng	97
57) 2,4-Dinitrotoluene	9.87	165	419139	41.652	ng	97
58) Fluorene	10.22	166	1169147	43.771	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	375147	44.937	ng	97
60) Diethylphthalate	10.11	149	1334081	40.032	ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	561960	42.261	ng	100
62) 4-Nitroaniline	10.25	138	347108	35.640	ng	98
63) Azobenzene	10.37	77	1190758	40.843	ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	198428	39.233	ng	98
66) n-Nitrosodiphenylamine	10.34	169	1107798	41.070	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	376237	38.832	ng	97
68) Hexachlorobenzene	10.77	284	415452	38.948	ng	100
69) Atrazine	10.87	200	327830	37.696	ng	97
70) Pentachlorophenol	10.97	266	469502	81.048	ng	99
71) Phenanthrene	11.17	178	1834682	39.379	ng	99
72) Anthracene	11.23	178	1926551	40.988	ng	99
73) Carbazole	11.38	167	1744632	42.526	ng	99
74) Di-n-butylphthalate	11.72	149	2044503	39.530	ng	100
75) Fluoranthene	12.36	202	1942290	40.769	ng	99
77) Benzidine	12.48	184	613428	23.516	ng	96
78) Pyrene	12.58	202	1957560	33.320	ng	100
80) Butylbenzylphthalate	13.21	149	922369	33.613	ng	97
81) Benzo(a)anthracene	13.76	228	1673938	34.685	ng	100
82) 3,3'-Dichlorobenzidine	13.73	252	540971	29.238	ng	100
83) Chrysene	13.80	228	1734835	36.150	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1116325	34.420	ng	99
85) Di-n-octyl phthalate	14.38	149	2026432	36.284	ng	99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1434631	34.032	ng	99
88) Benzo(b)fluoranthene	14.77	252	1635527	39.378	ng	100
89) Benzo(k)fluoranthene	14.80	252	1605245	44.032	ng	99
90) Benzo(a)pyrene	15.10	252	1528685	42.654	ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1199847	38.874	ng	99
92) Benzo(g,h,i)perylene	16.84	276	1167922	37.104	ng	99

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

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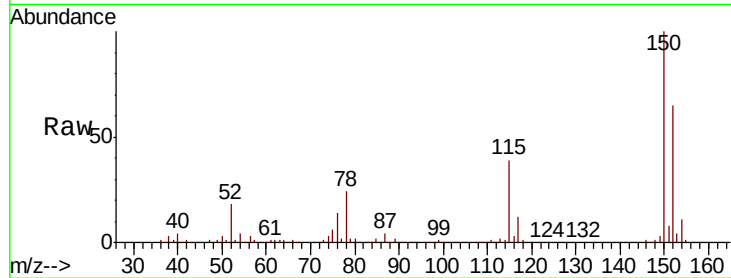


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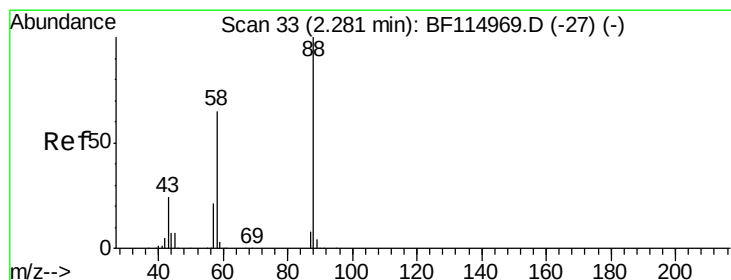
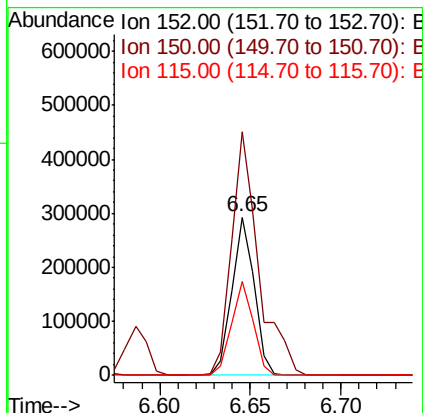
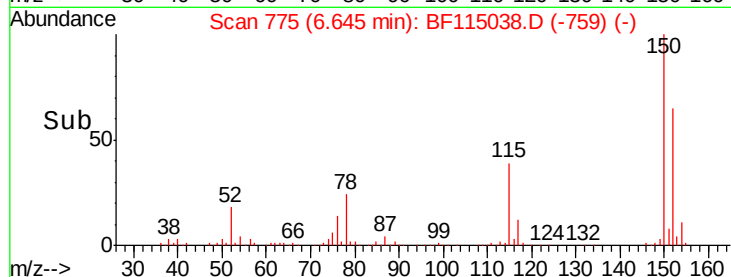
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 251823
Ion Ratio Lower Upper
152 100
150 154.2 127.4 191.0
115 59.4 46.0 69.0



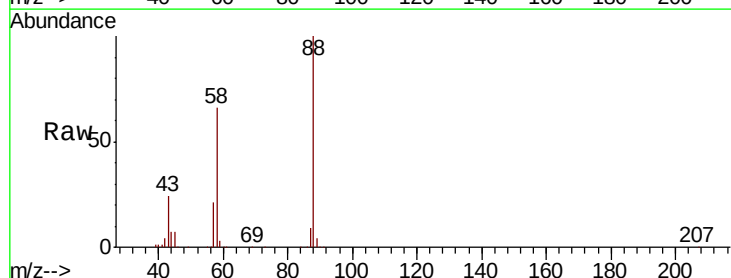
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



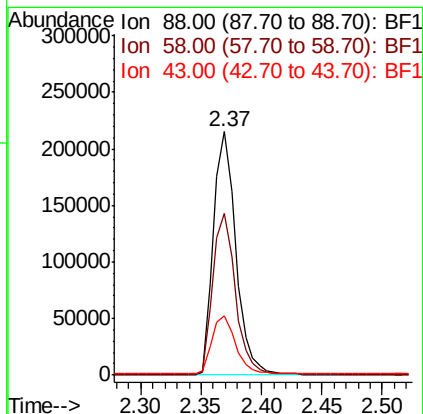
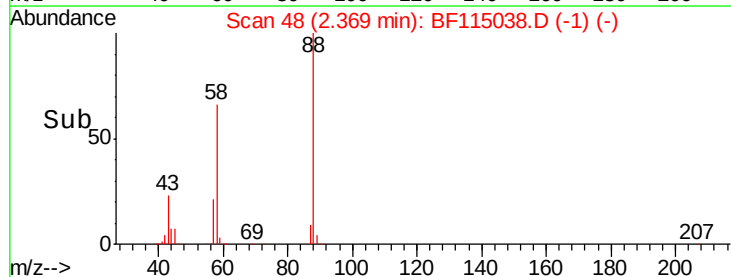
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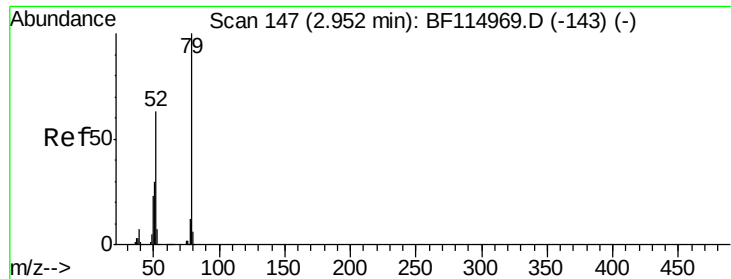
1,4-Dioxane
Concen: 39.319 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.09 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion: 88 Resp: 277565
Ion Ratio Lower Upper
88 100
58 67.7 53.4 80.2
43 24.4 19.7 29.5



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

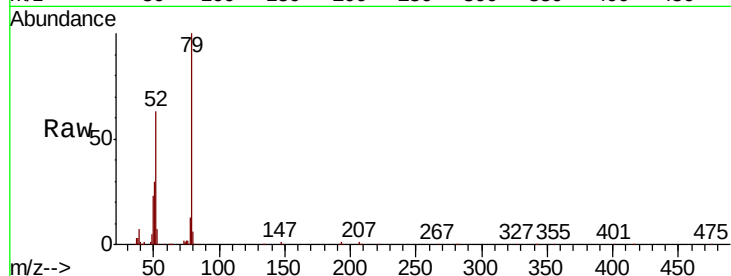




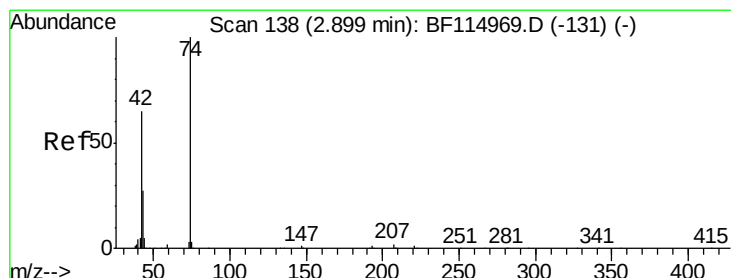
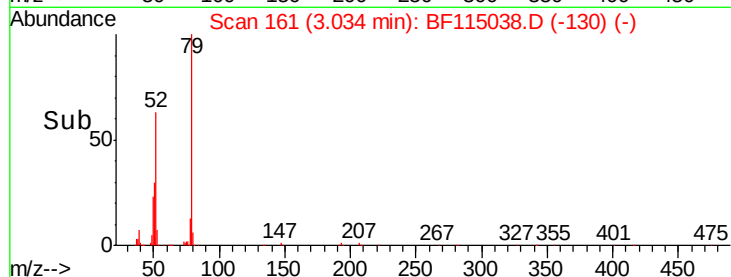
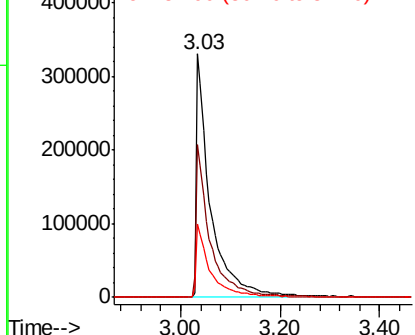
#3
 Pvridine
 Concen: 32.947 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.08 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 654808
 Ion Ratio Lower Upper
 79 100
 52 62.8 50.3 75.5
 51 30.1 24.4 36.6

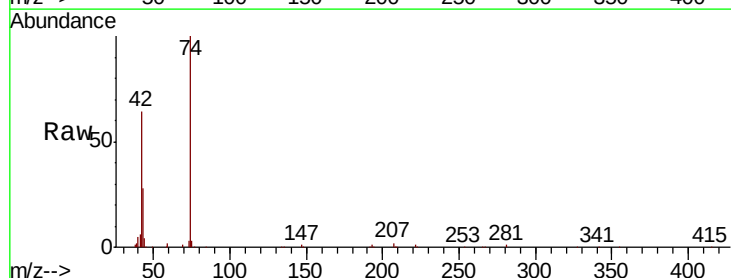


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

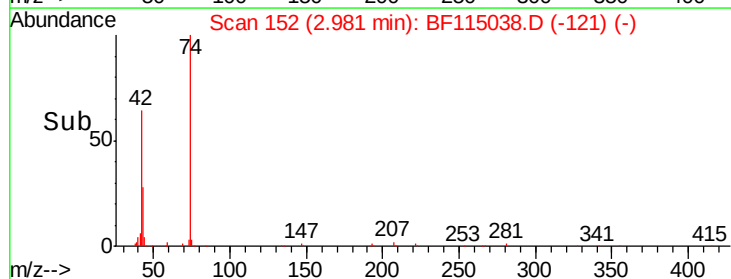
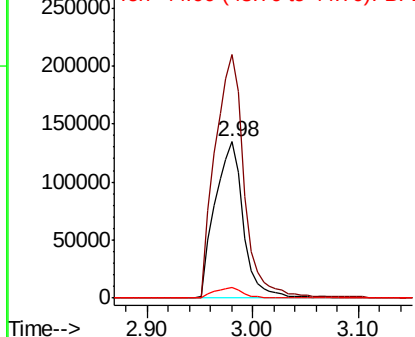


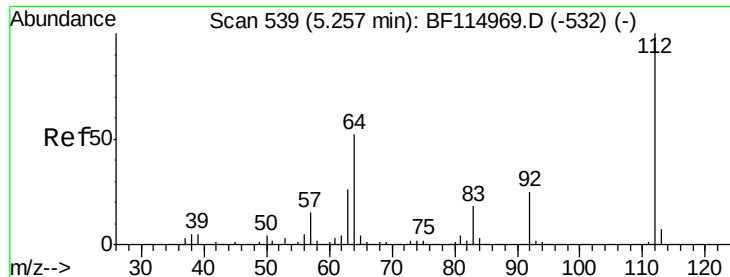
#4
 n-Nitrosodimethylamine
 Concen: 35.774 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.08 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion: 42 Resp: 252427
 Ion Ratio Lower Upper
 42 100
 74 156.1 122.2 183.2
 44 6.8 5.8 8.8



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: 71.140 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampled :

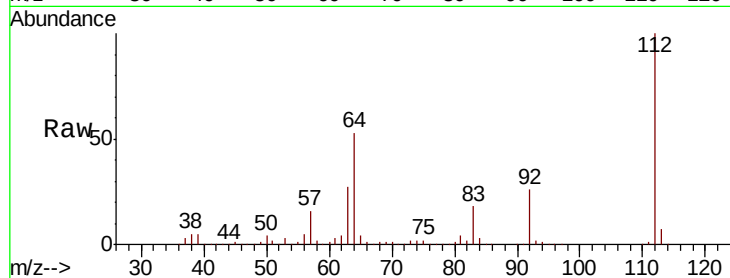
Tot Ion:112 Resp: 1072880

Ion Ratio Lower Upper

112 100

64 53.0 41.6 62.4

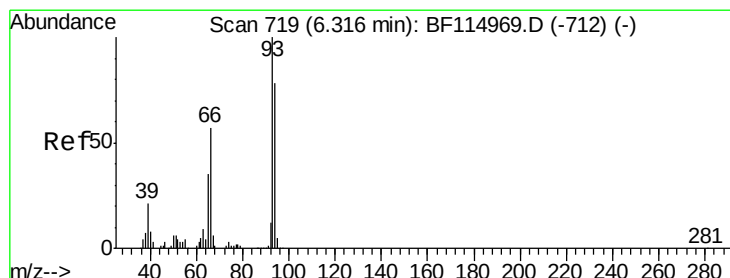
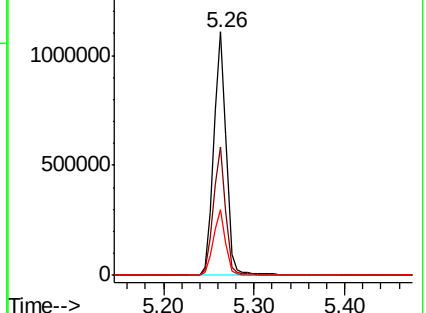
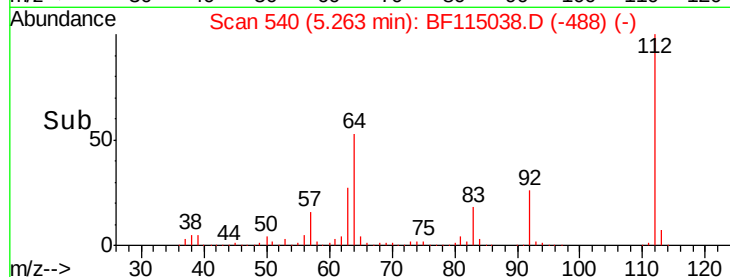
63 27.0 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.683 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

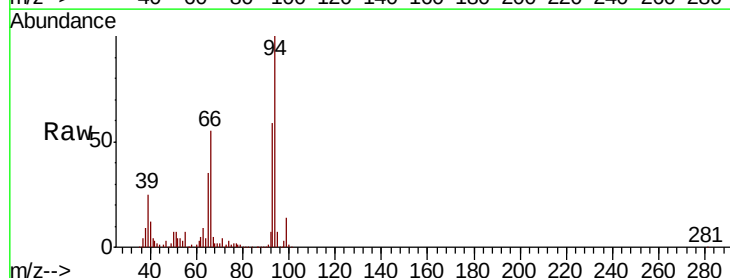
Tgt Ion: 93 Resp: 552628

Ion Ratio Lower Upper

93 100

66 93.1 46.2 69.2#

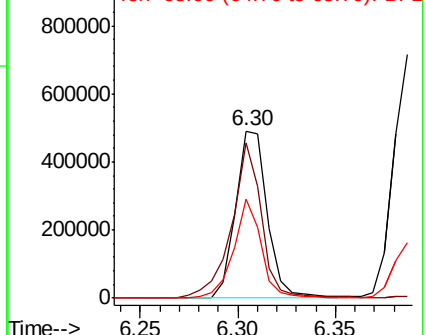
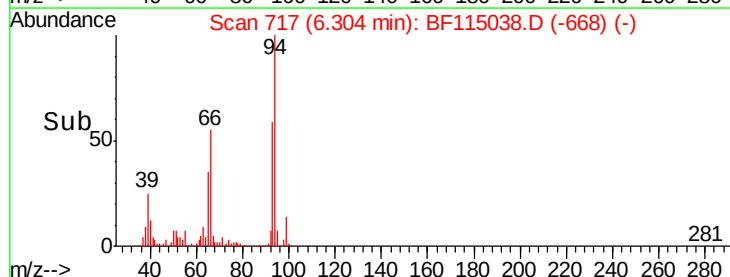
65 59.5 27.7 41.5#

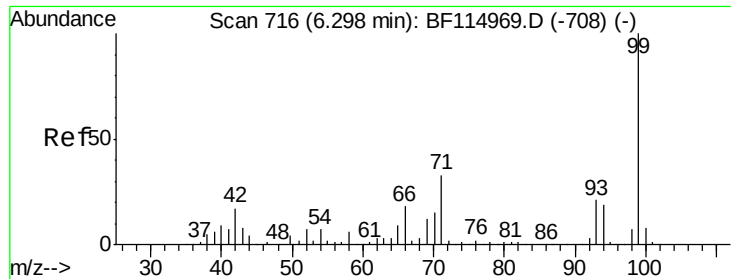


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 71.363 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampled :

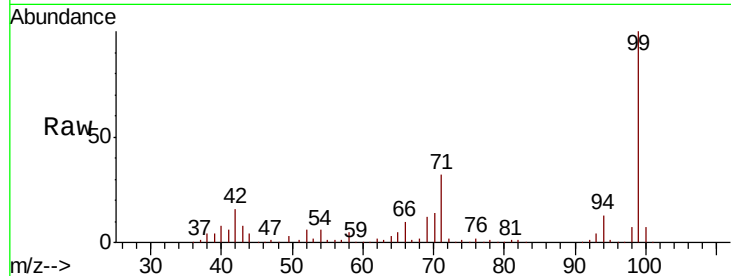
Tot Ion: 99 Resp: 1298243

Ion Ratio Lower Upper

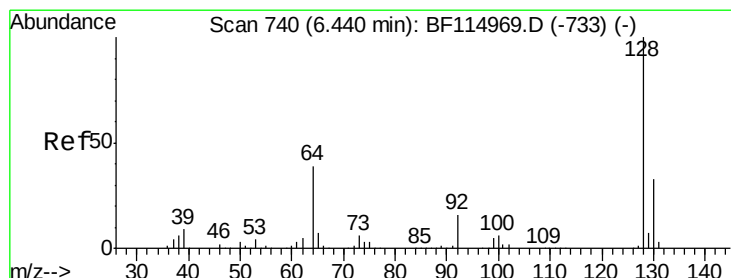
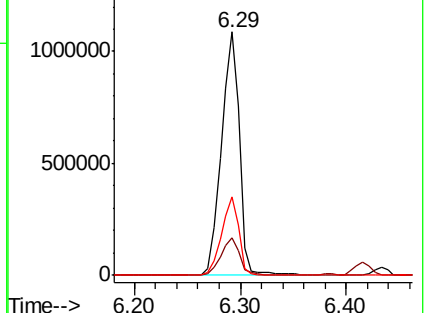
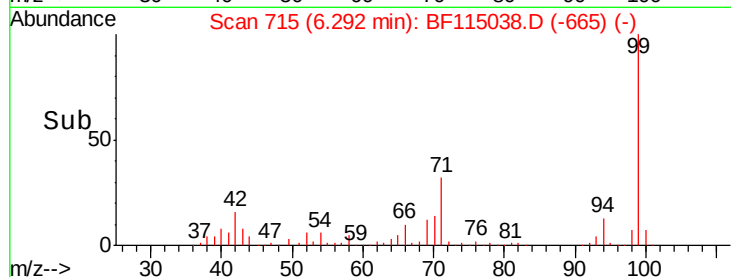
99 100

42 15.6 13.4 20.2

71 32.3 26.4 39.6



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: 39.054 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

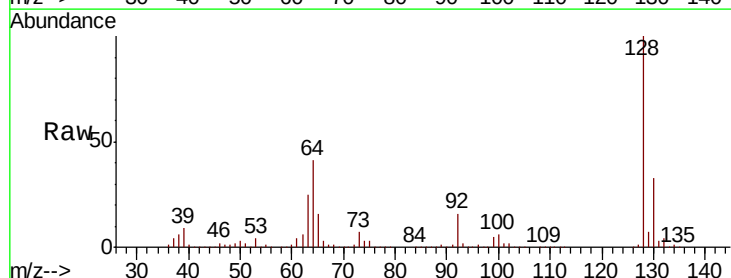
Tgt Ion: 128 Resp: 667853

Ion Ratio Lower Upper

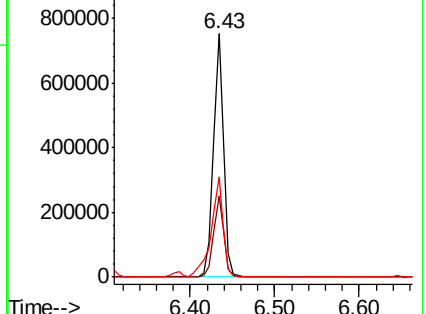
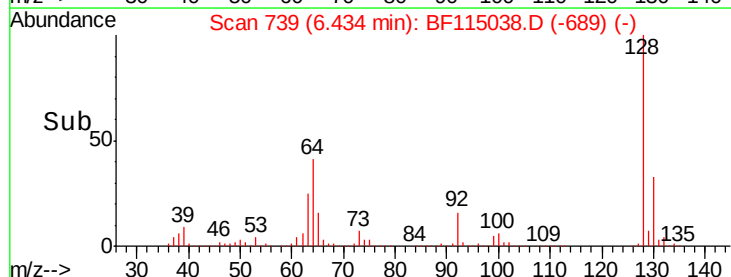
128 100

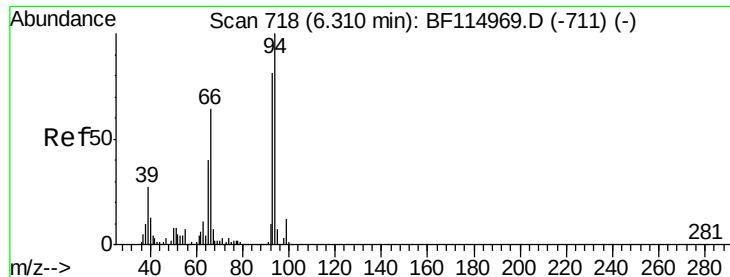
130 33.0 13.4 53.4

64 41.1 20.1 60.1



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





#10

Phenol

Concen: 36.935 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

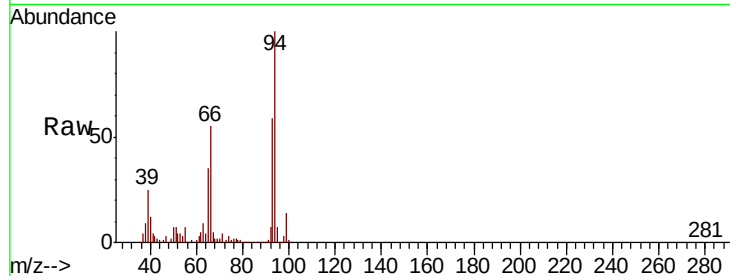
Tot Ion: 94 Resp: 751765

Ion Ratio Lower Upper

94 100

65 35.0 20.0 60.0

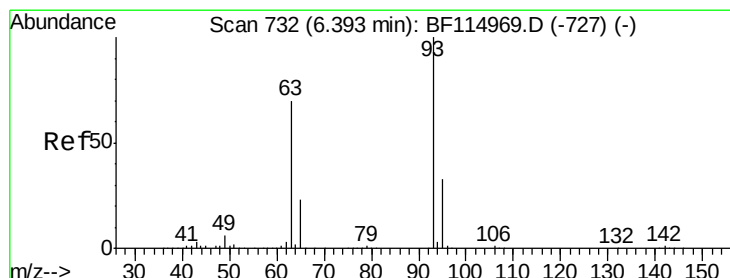
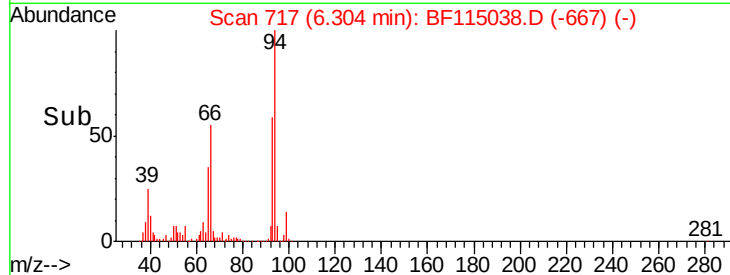
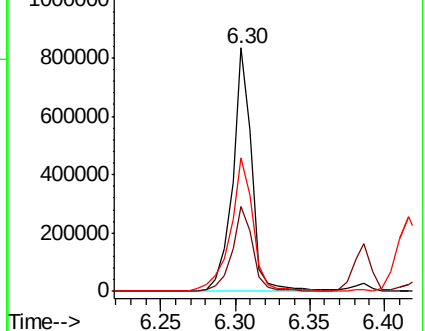
66 54.8 44.1 84.1



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 37.556 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

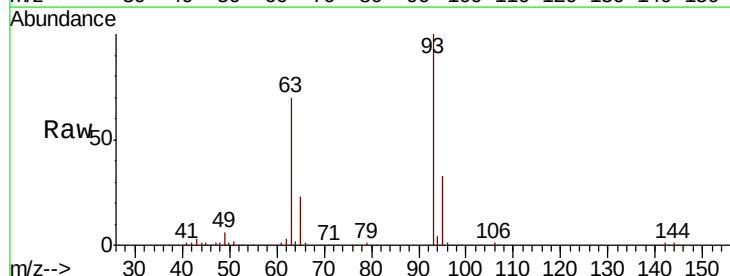
Tgt Ion: 93 Resp: 593307

Ion Ratio Lower Upper

93 100

63 70.0 49.8 89.8

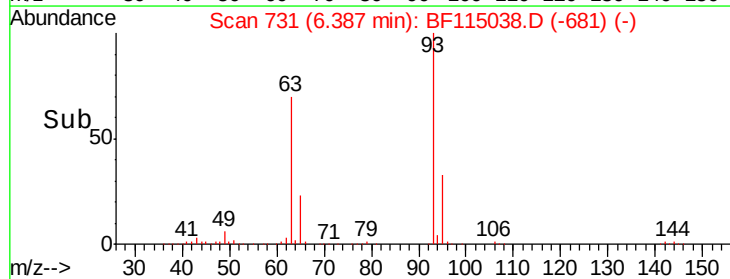
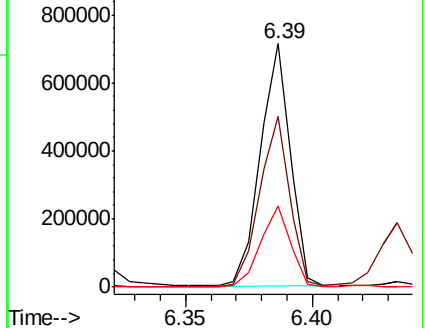
95 33.0 13.3 53.3

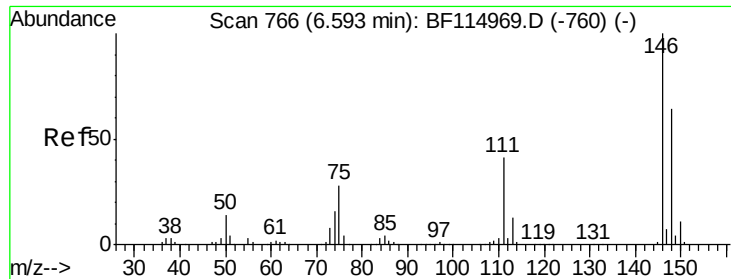


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

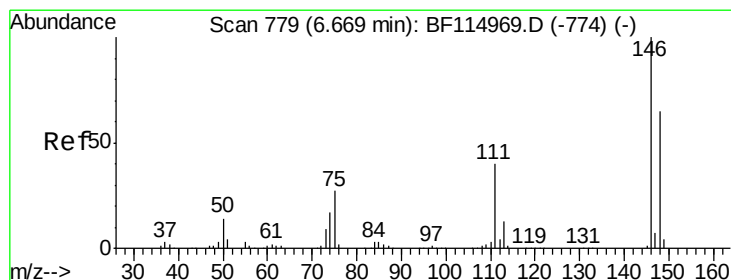
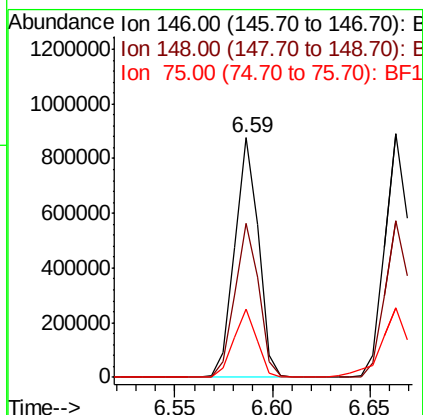
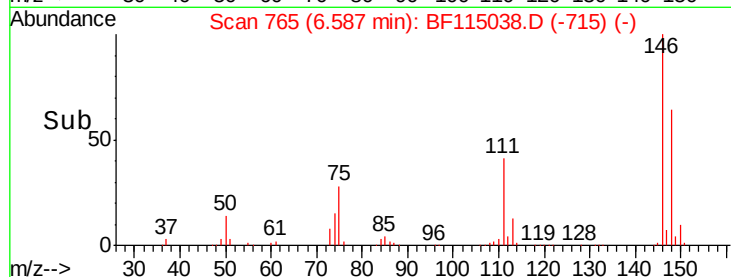
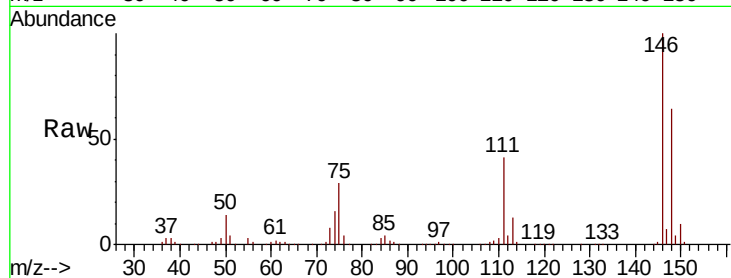




#12
 1,3-Dichlorobenzene
 Concen: 37.241 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

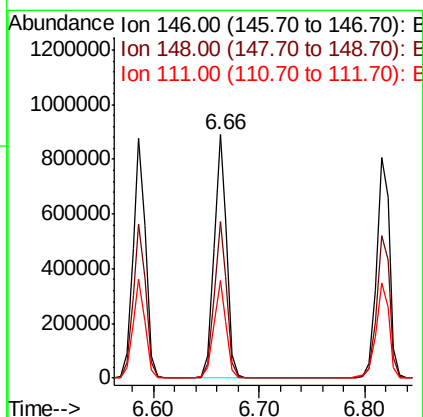
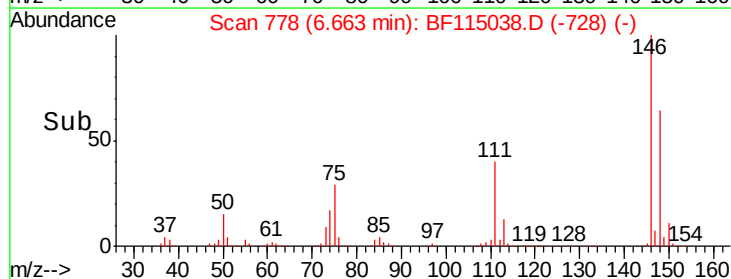
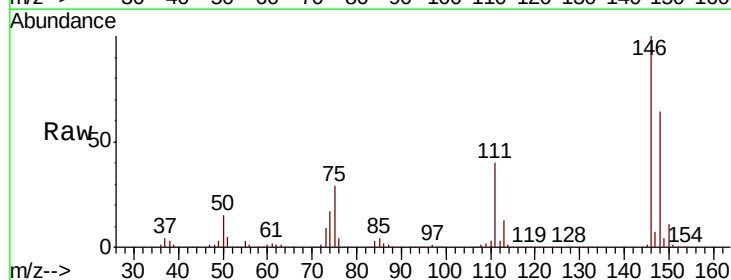
Instrument :
 BNA_F
 ClientSampled :

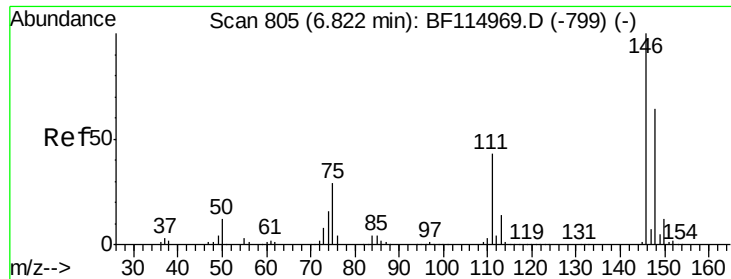
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
75	28.7	22.3	33.5



#13
 1,4-Dichlorobenzene
 Concen: 37.800 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	40.2	32.4	48.6

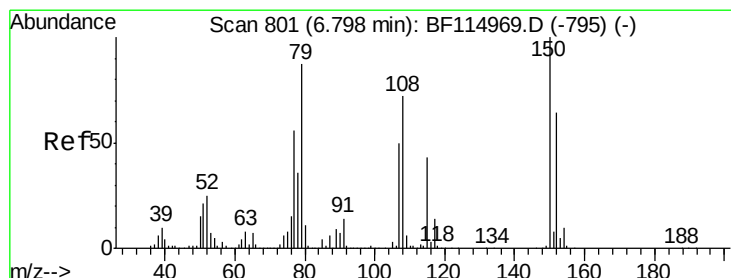
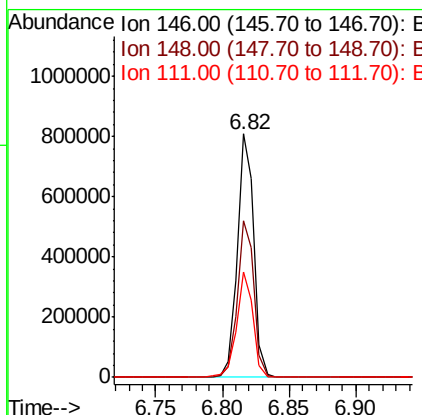
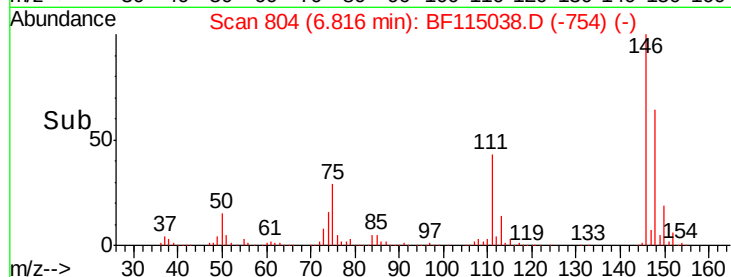
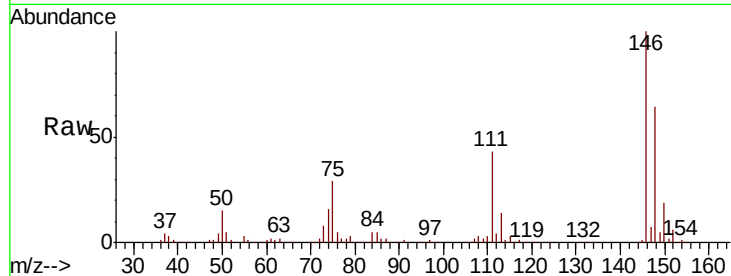




#14
 1,2-Dichlorobenzene
 Concen: 36.926 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

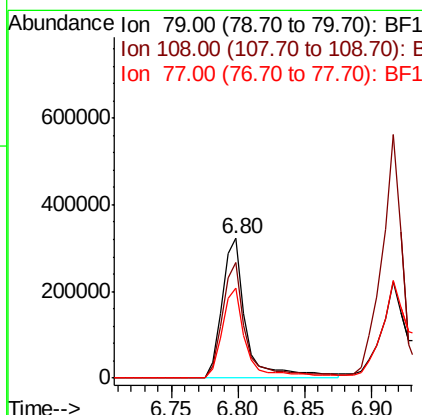
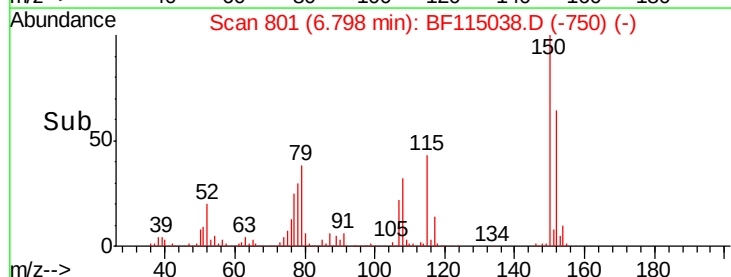
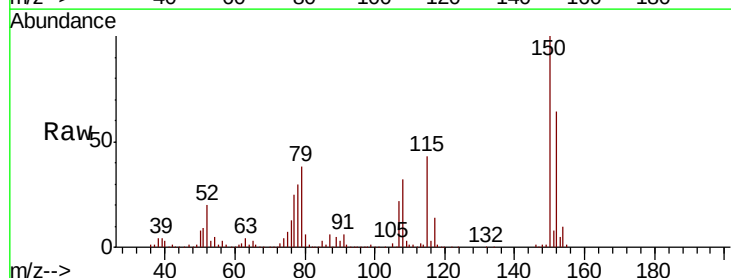
Instrument :
 BNA_F
 ClientSampled :

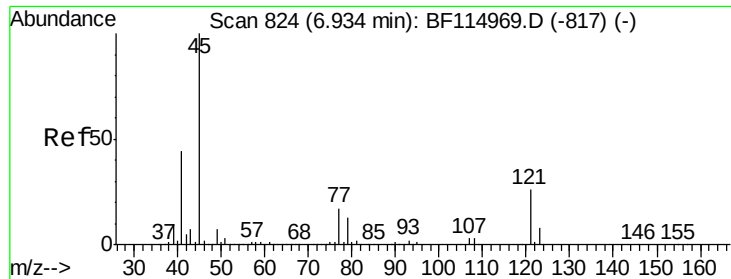
Tot Ion:146 Resp: 698104
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.5 77.3
 111 43.1 34.6 51.8



#15
 Benzyl Alcohol
 Concen: 30.287 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion: 79 Resp: 412824
 Ion Ratio Lower Upper
 79 100
 108 82.5 66.0 99.0
 77 64.4 51.1 76.7

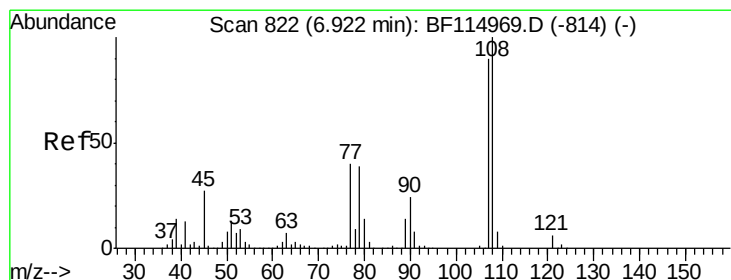
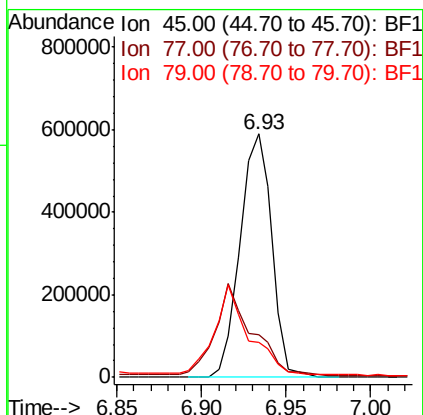
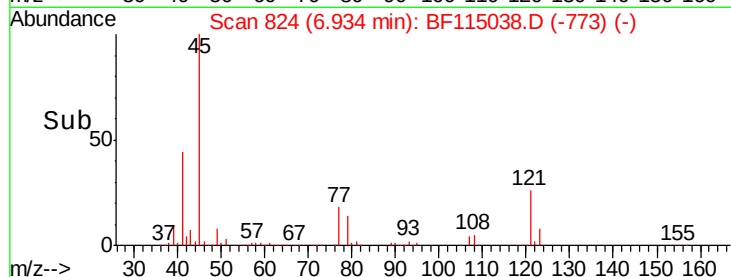
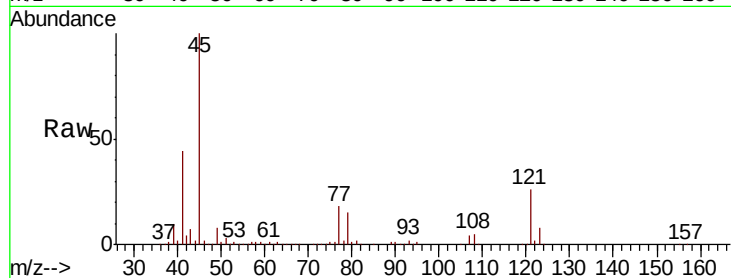




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.447 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

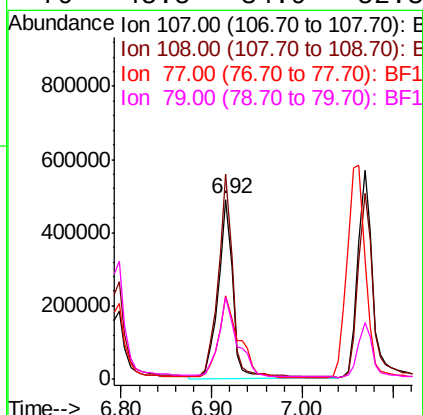
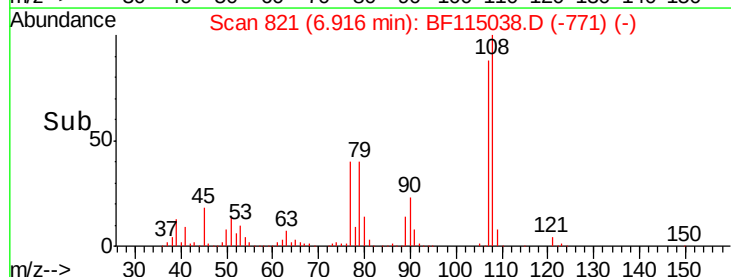
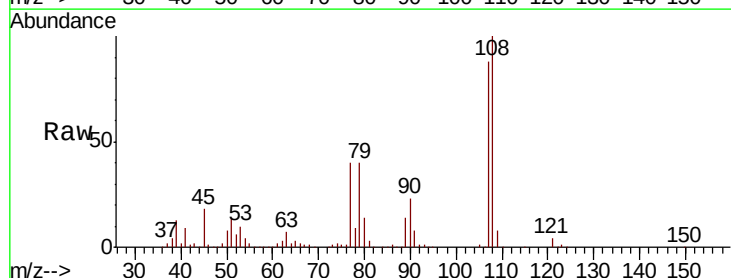
Instrument :
BNA_F
ClientSampleId :

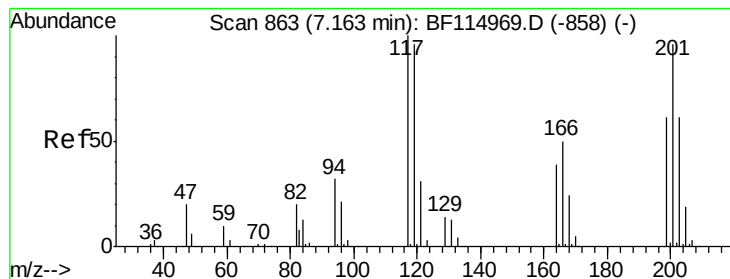
Tot Ion: 45 Resp: 770624
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.0
79 14.5 0.0 33.1



#17
2-Methylphenol
Concen: 38.921 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion:107 Resp: 555147
Ion Ratio Lower Upper
107 100
108 114.2 89.3 133.9
77 46.1 35.4 53.2
79 45.5 34.9 52.3





#18

Hexachloroethane

Concen: 36.764 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

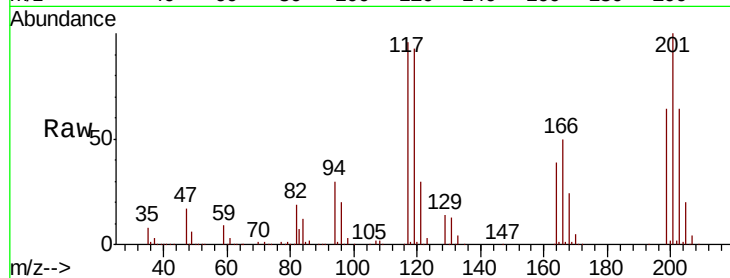
Tot Ion:117 Resp: 266609

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

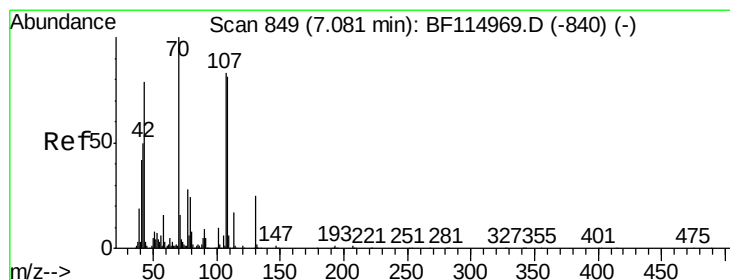
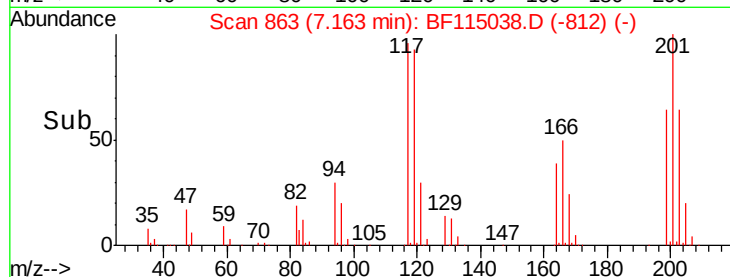
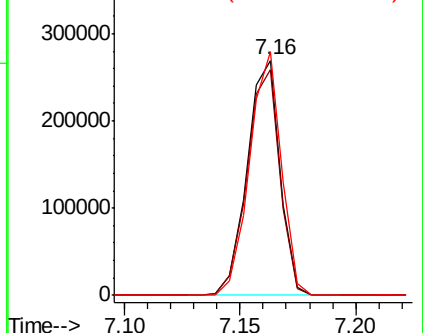
201 103.7 76.6 115.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 37.117 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Tgt Ion: 70 Resp: 410263

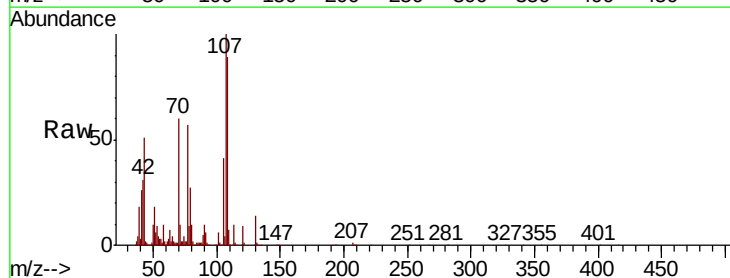
Ion Ratio Lower Upper

70 100

42 52.2 40.3 60.5

101 10.0 8.2 12.4

130 23.6 20.3 30.5

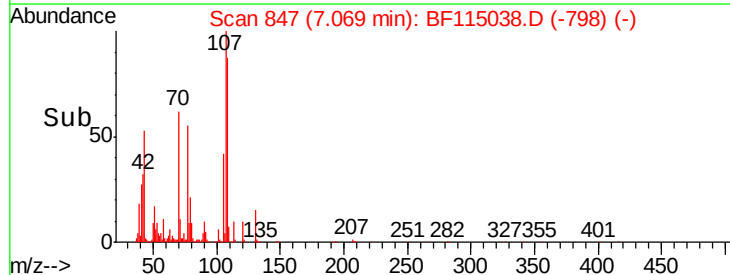
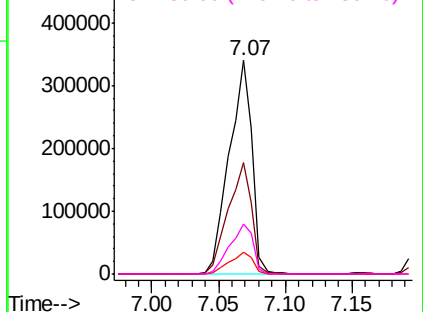


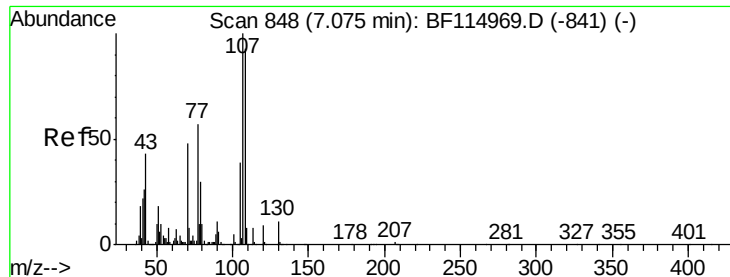
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 38.525 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF115038.D

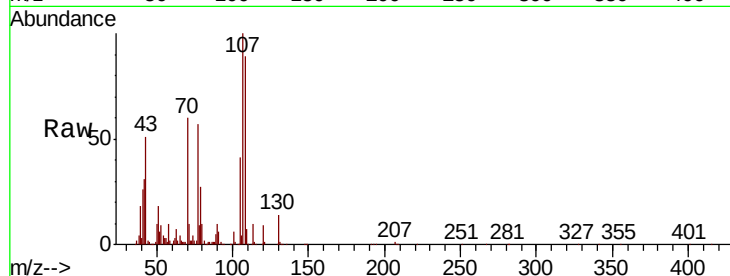
Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	653986
Ion	Ratio	Lower	Upper
107	100		
108	89.0	73.1	113.1
77	57.4	37.3	77.3
79	26.9	9.6	49.6

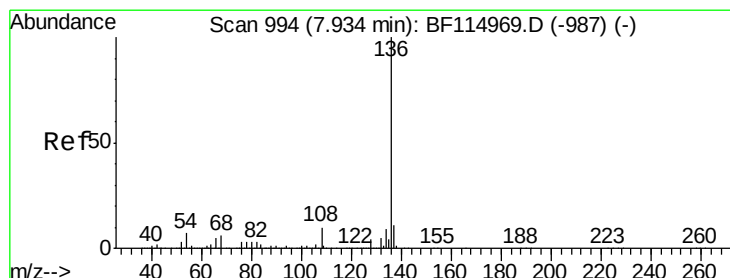
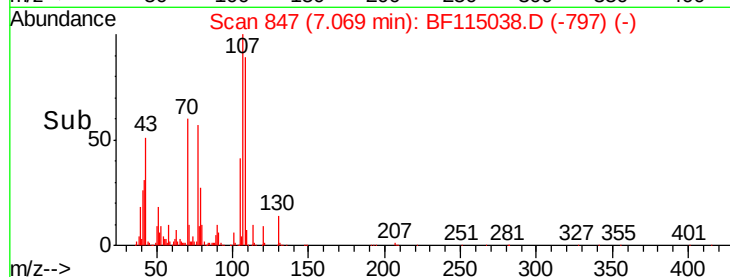
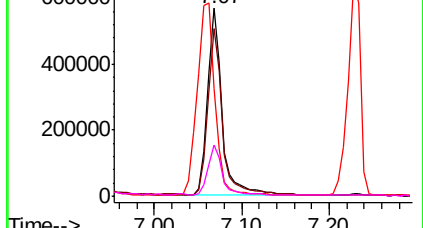


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

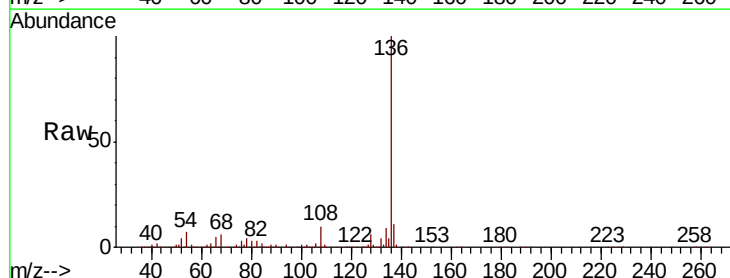
RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Tgt Ion:	136	Resp:	962474
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.4	8.0
68	5.8	4.6	7.0

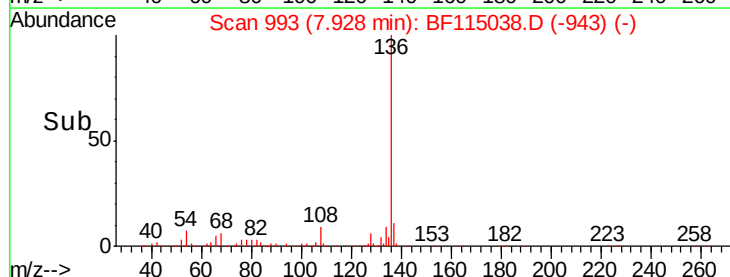
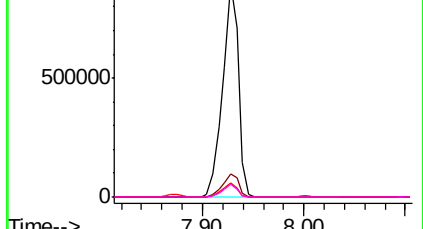


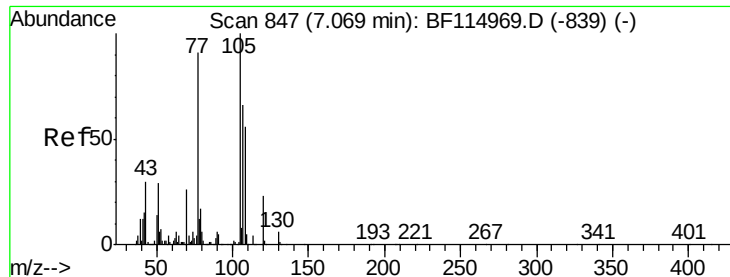
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 40.804 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115038.D

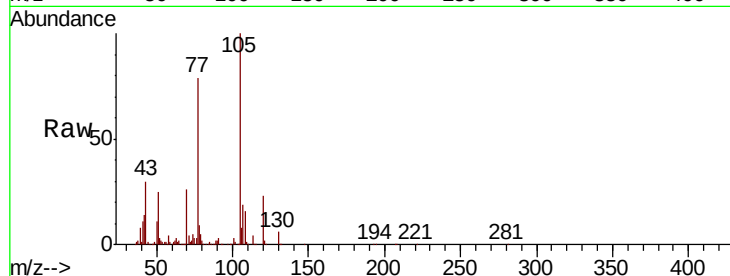
Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:	105	Resp:	889009
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.4	5.2
51	25.1	23.3	34.9
120	23.4	18.8	28.2

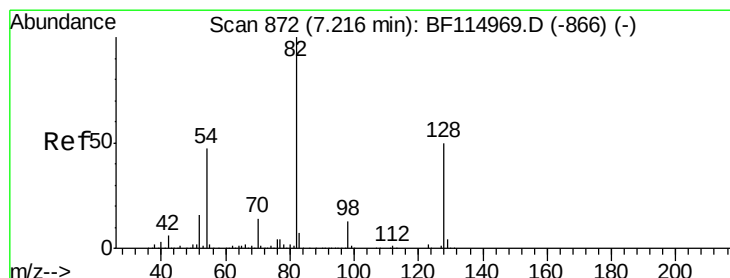
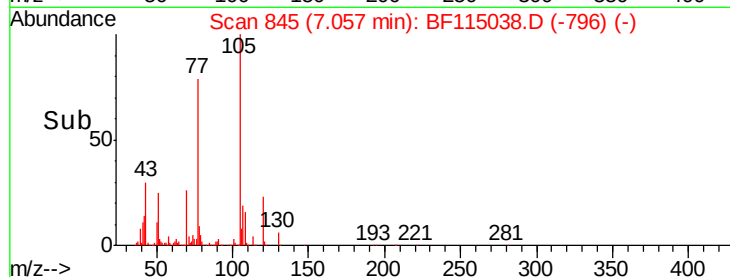
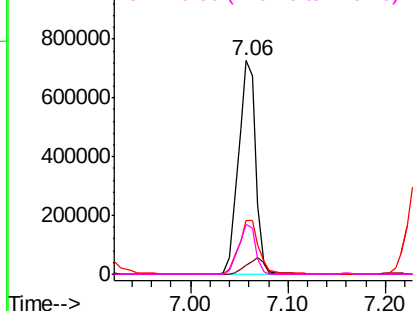


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 69.650 ng

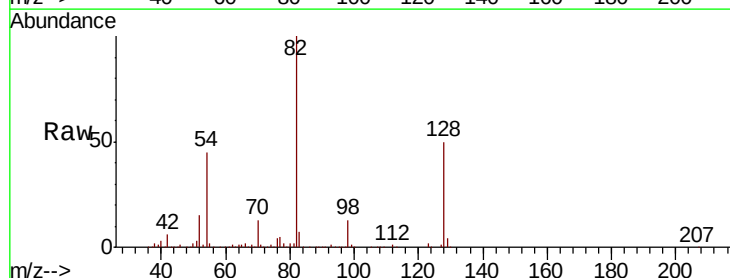
RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

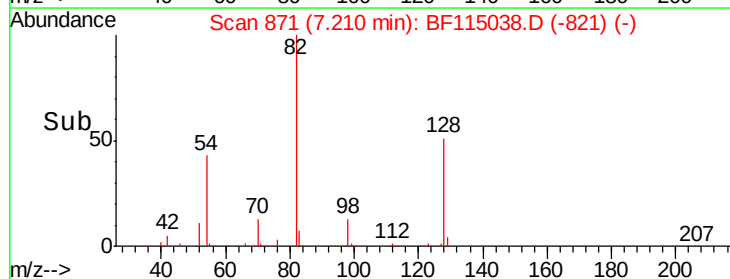
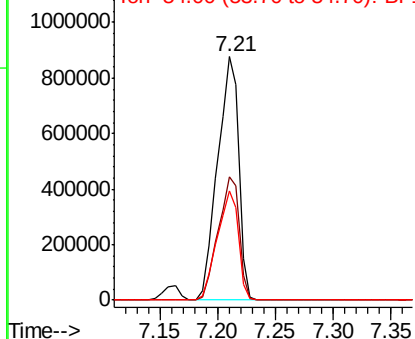
Tgt Ion:	82	Resp:	1113713
Ion	Ratio	Lower	Upper
82	100		
128	50.4	39.9	59.9
54	45.1	37.3	55.9

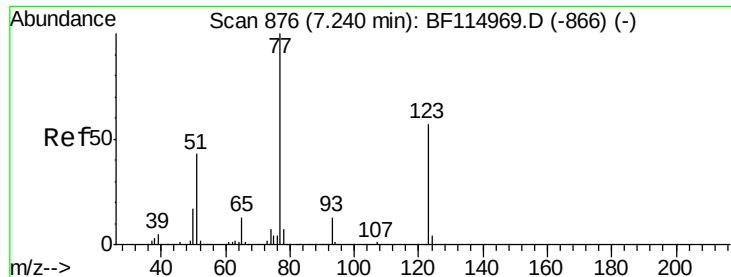


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

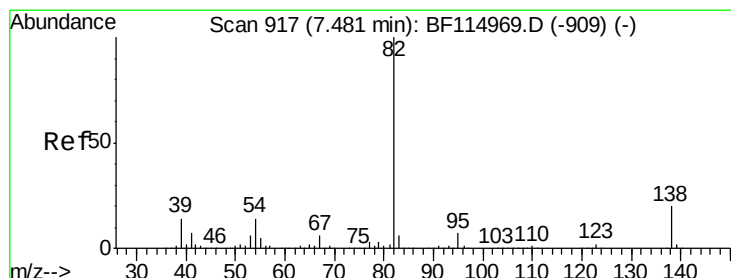
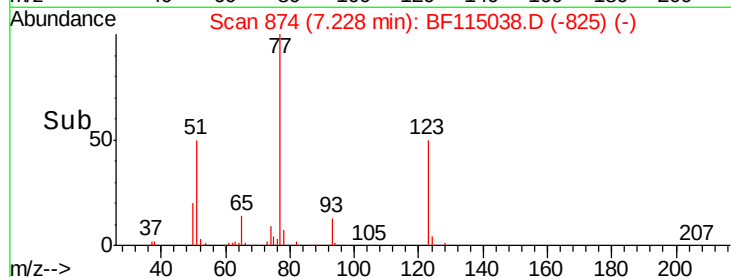
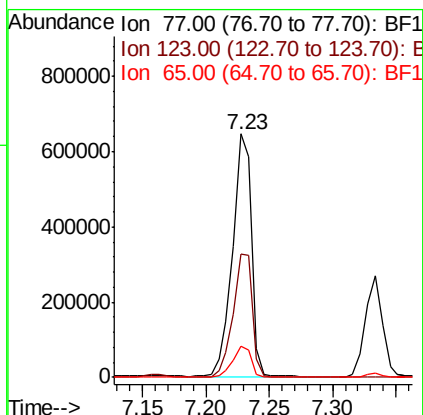
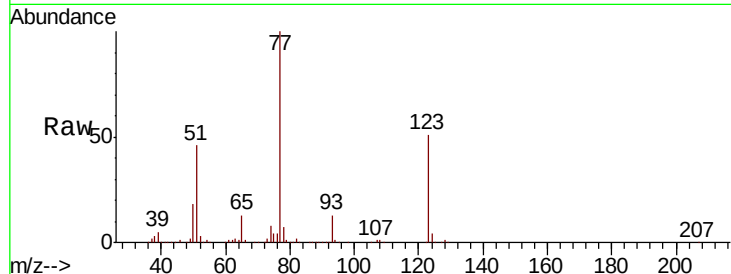




#24
Nitrobenzene
Concen: 40.507 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

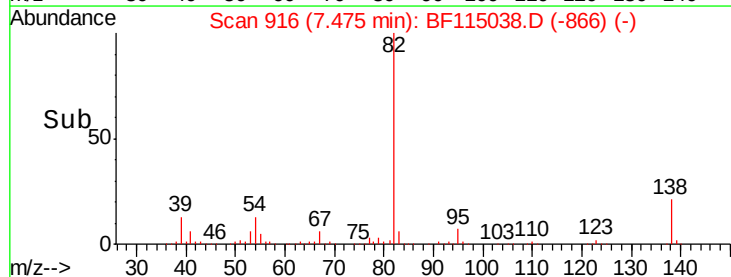
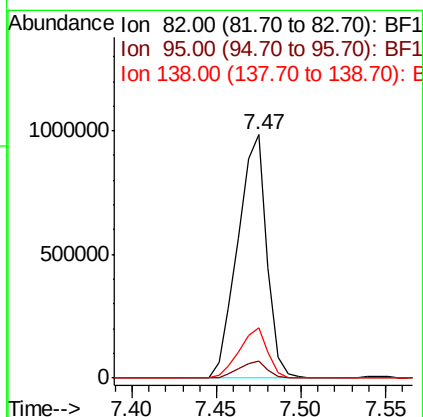
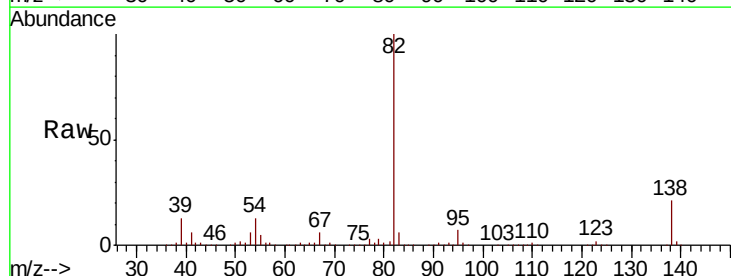
Instrument :
BNA_F
ClientSampled :

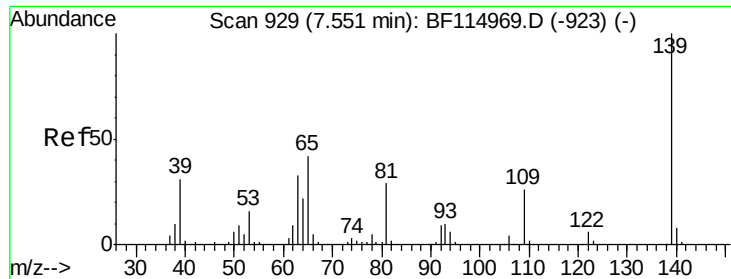
Tot Ion	77	Resp	659007
Ion Ratio	Lower	Upper	
77	100		
123	50.5	45.5	68.3
65	12.8	10.3	15.5



#25
Isophorone
Concen: 39.469 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion	82	Resp	1182011
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	20.5	16.1	24.1

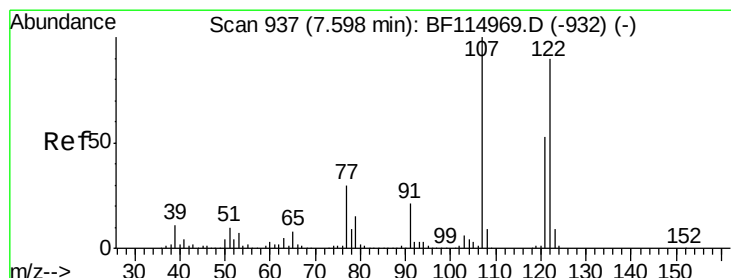
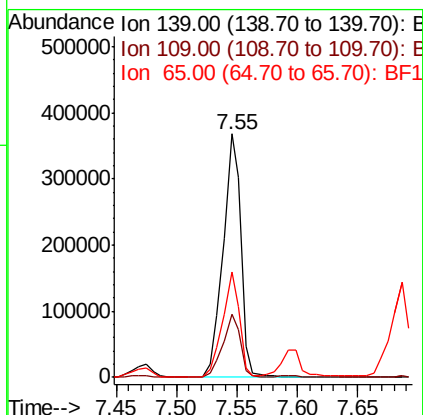
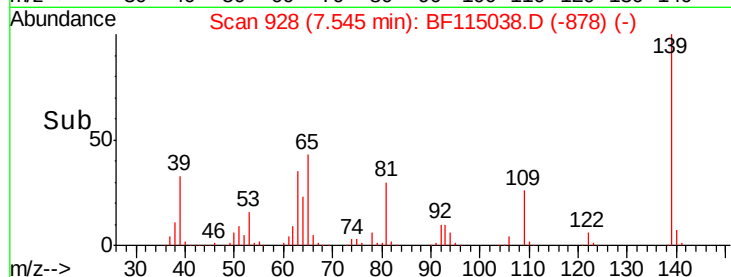
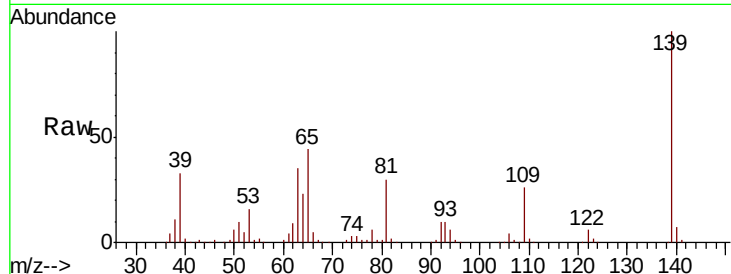




#26
2-Nitrophenol
Concen: 41.488 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

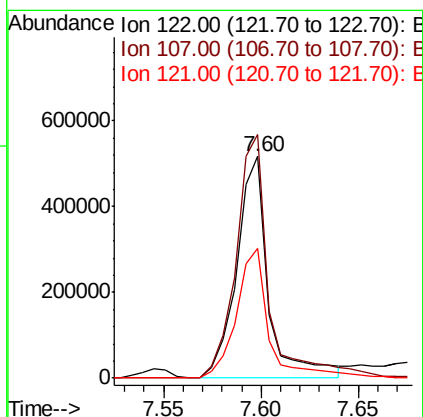
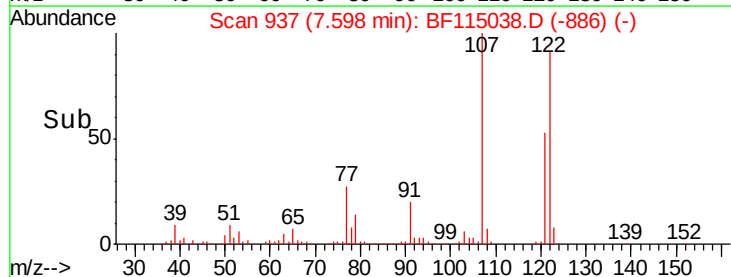
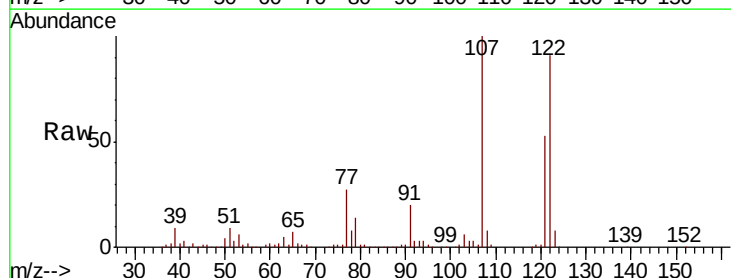
Instrument :
BNA_F
ClientSampled :

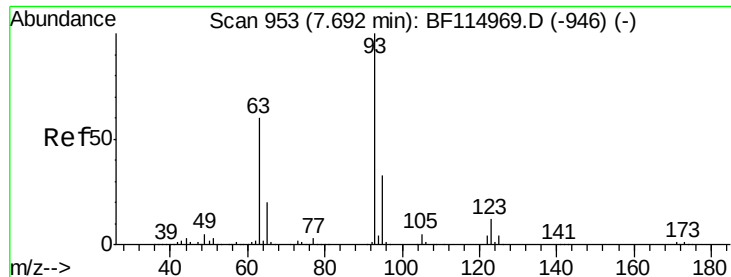
Tot Ion	Ratio	Lower	Upper
139	100		
109	25.9	20.8	31.2
65	43.5	33.4	50.2



#27
2,4-Dimethylphenol
Concen: 44.549 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.0	88.8	133.2
121	58.6	47.4	71.0





#28

bis(2-Chloroethoxy)methane

Concen: 38.631 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

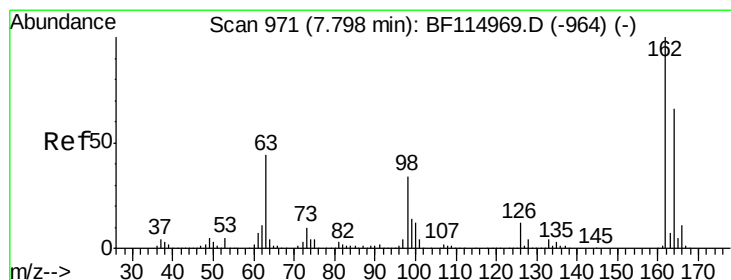
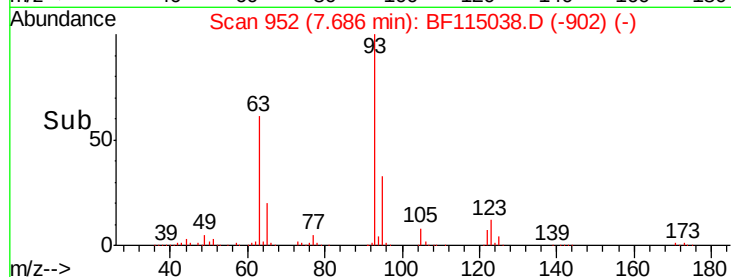
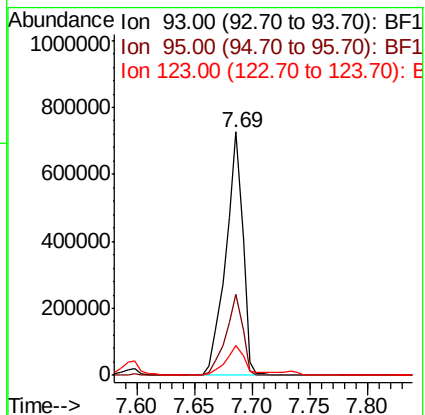
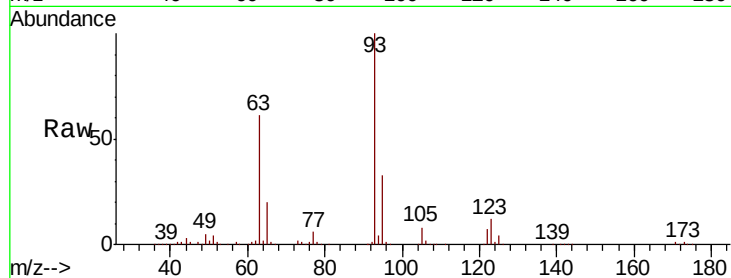
Tot Ion: 93 Resp: 742269

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

123 12.4 9.9 14.9



#29

2,4-Dichlorophenol

Concen: 41.232 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

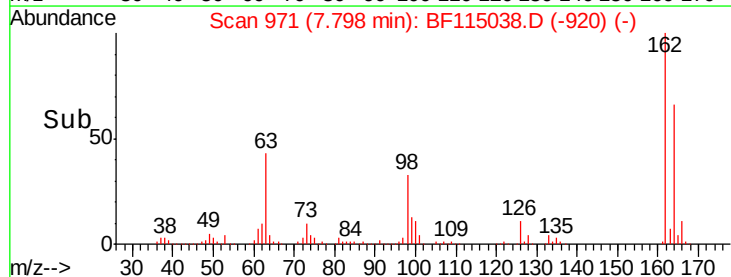
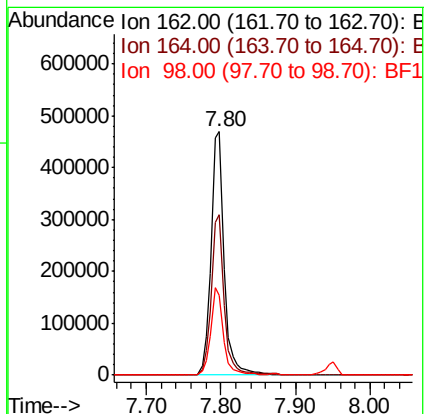
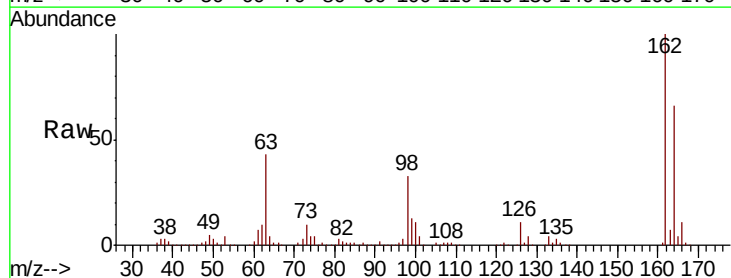
Tgt Ion: 162 Resp: 569807

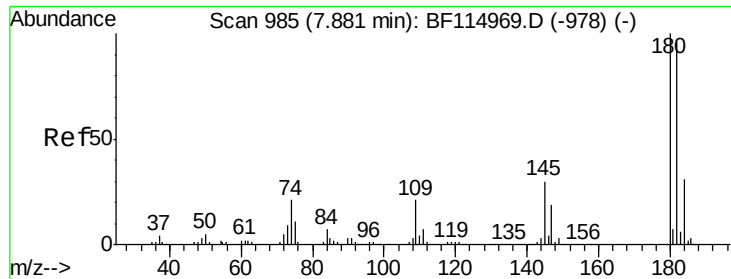
Ion Ratio Lower Upper

162 100

164 65.7 45.7 85.7

98 32.8 14.0 54.0

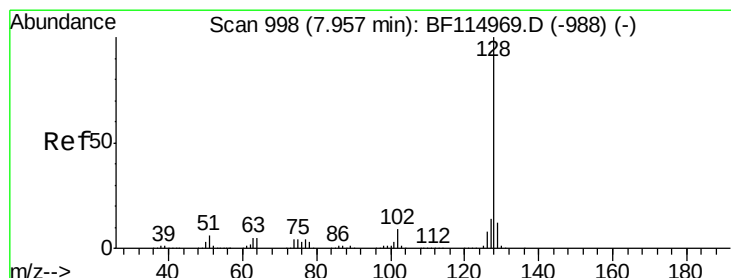
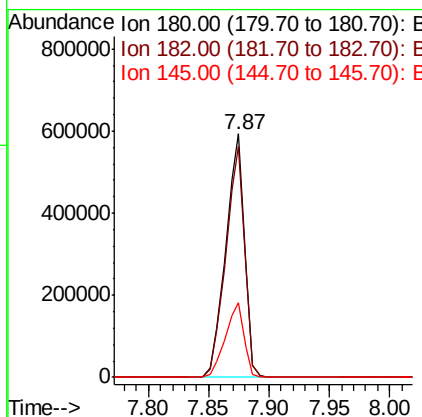
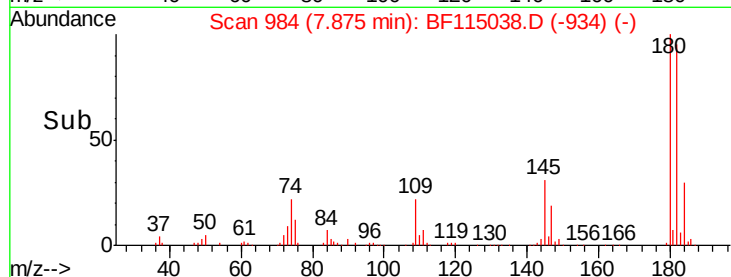
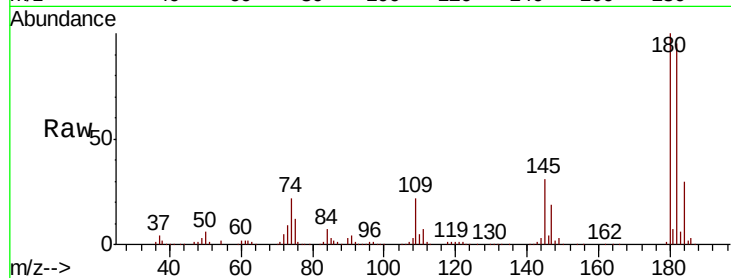




#30
1,2,4-Trichlorobenzene
Concen: 39.869 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

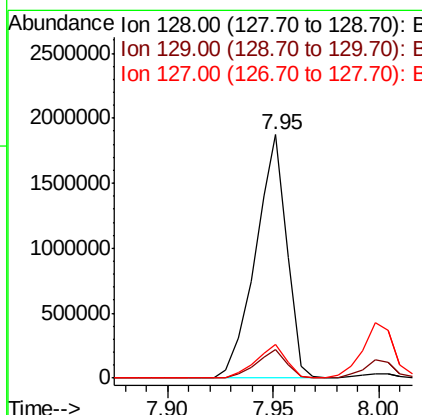
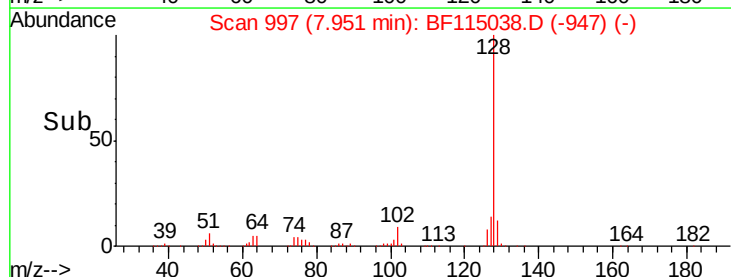
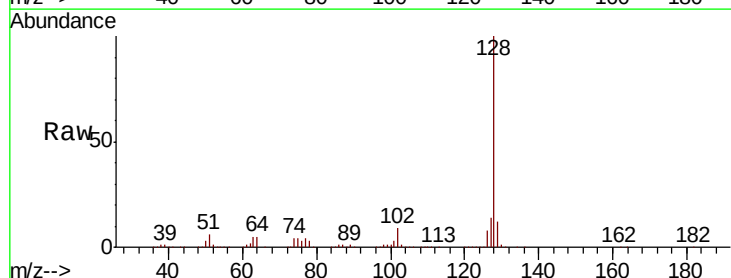
Instrument :
BNA_F
ClientSampleId :

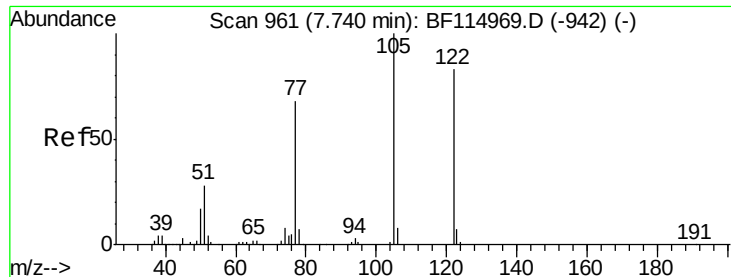
Tot Ion:180 Resp: 636633
Ion Ratio Lower Upper
180 100
182 94.9 76.7 115.1
145 30.5 24.1 36.1



#31
Naphthalene
Concen: 42.012 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion:128 Resp: 1913163
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.0 11.5 17.3

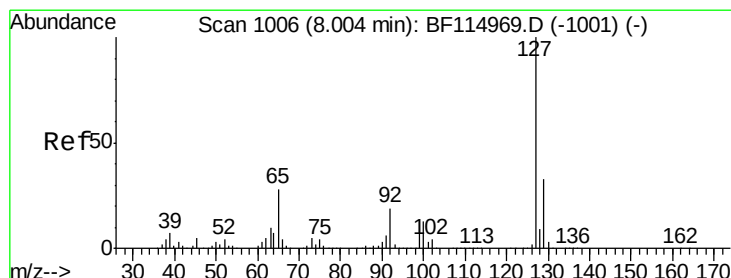
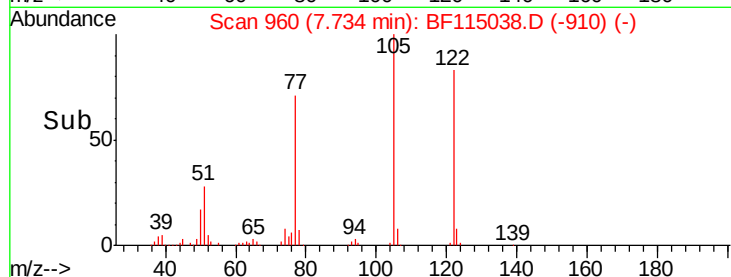
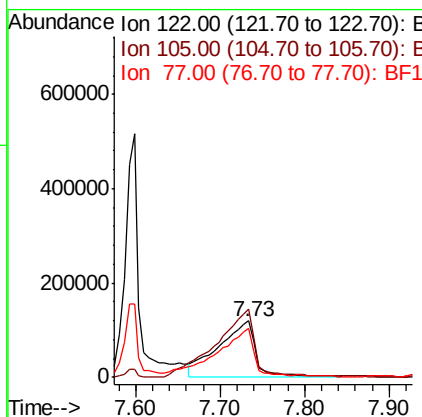
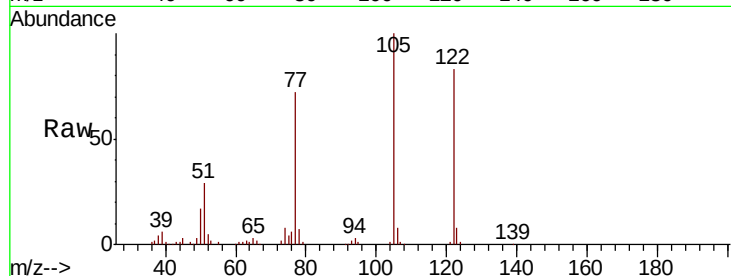




#32
Benzoic acid
Concen: 37.363 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

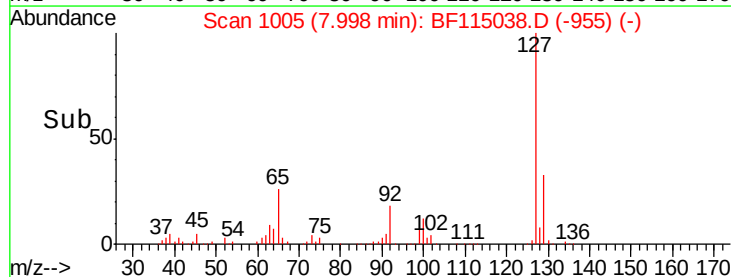
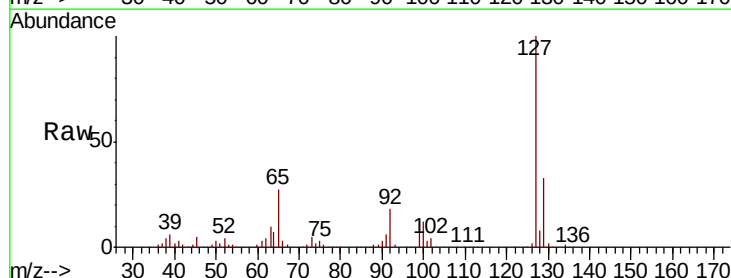
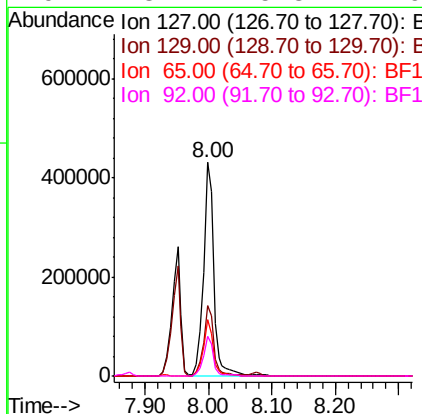
Instrument :
BNA_F
ClientSampleId :

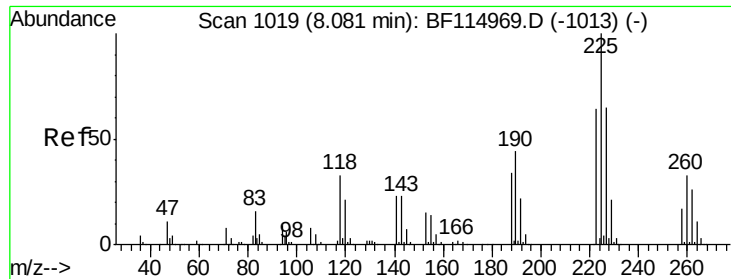
Tot Ion	Ratio	Lower	Upper
122	100		
105	121.0	98.6	138.6
77	87.3	60.9	100.9



#33
4-Chloroaniline
Concen: 23.058 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	26.5	22.3	33.5
92	18.4	15.3	22.9





#34

Hexachlorobutadiene

Concen: 38.978 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampled :

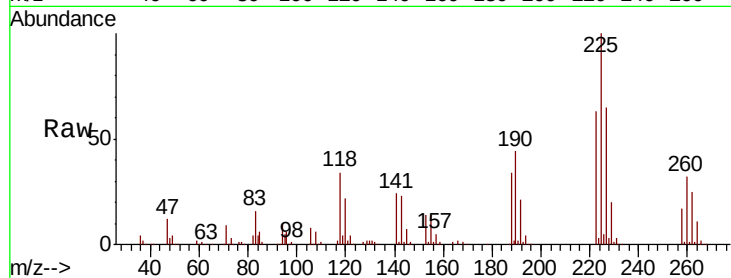
Tot Ion:225 Resp: 345957

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

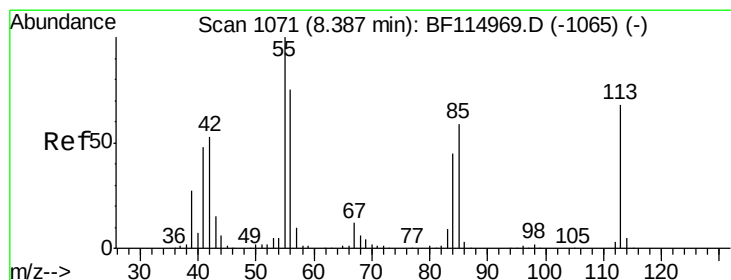
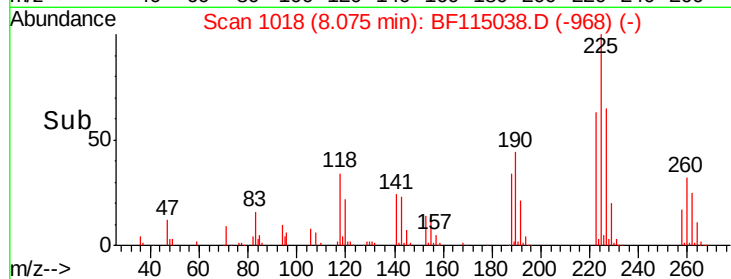
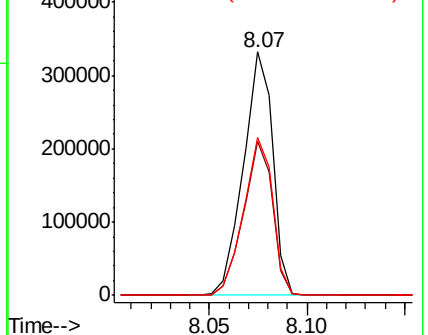
227 64.6 51.7 77.5



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: 23.472 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

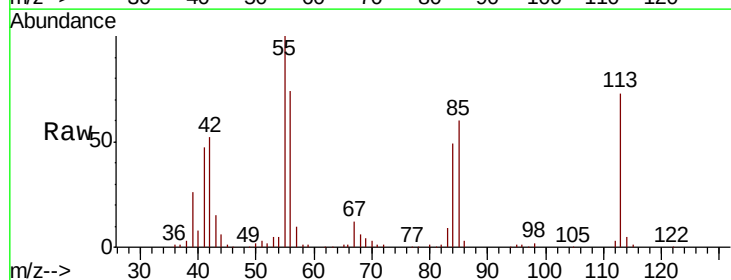
Tgt Ion:113 Resp: 108038

Ion Ratio Lower Upper

113 100

55 137.8 127.3 167.3

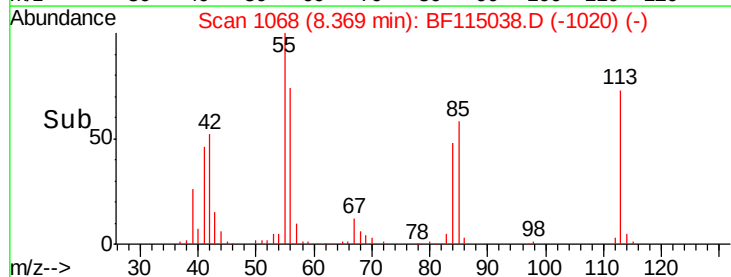
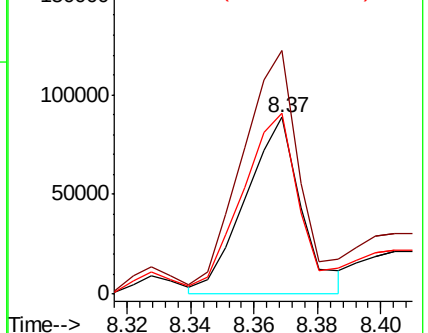
56 102.4 90.6 130.6

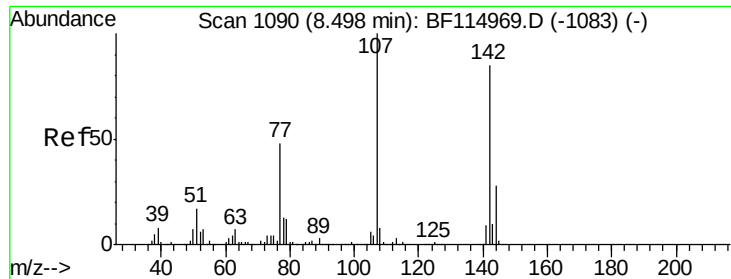


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

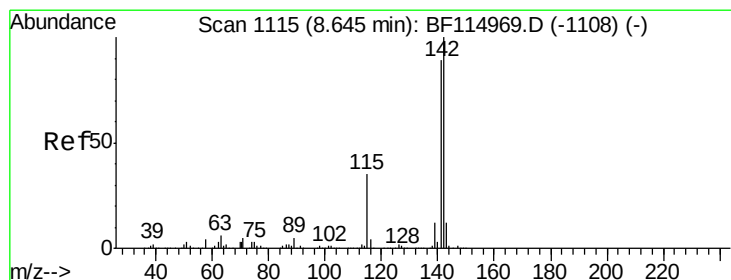
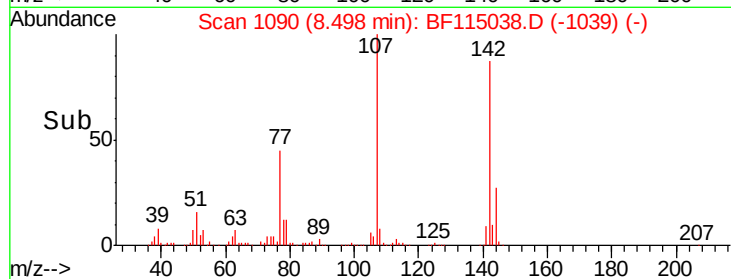
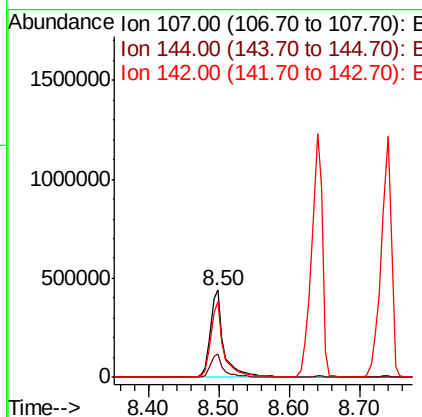
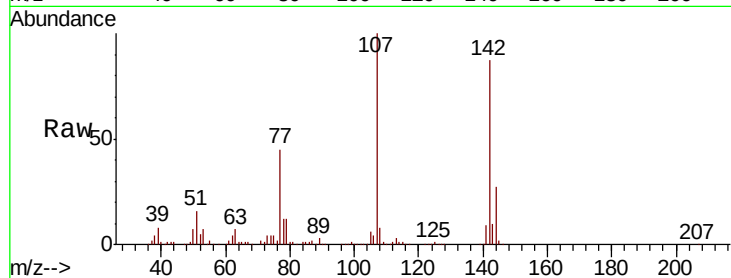




#36
 4-Chloro-3-methylphenol
 Concen: 41.946 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

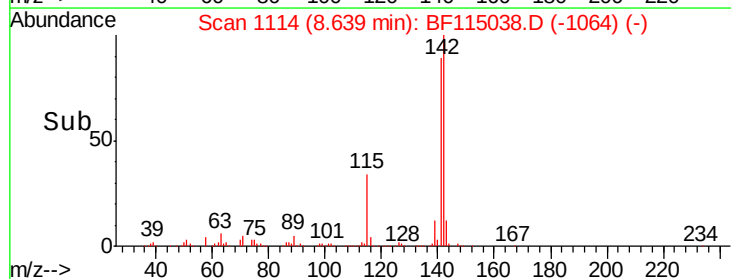
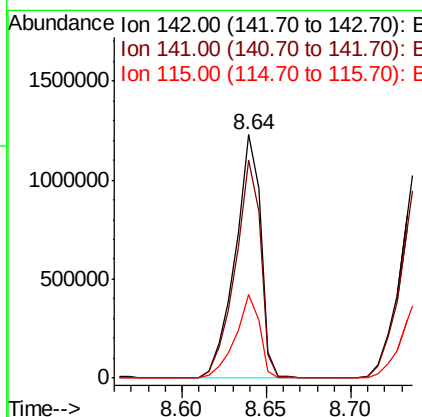
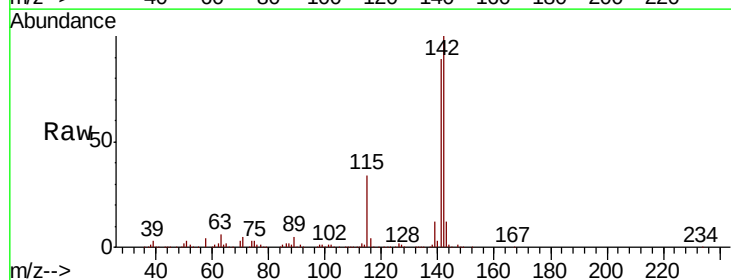
Instrument :
 BNA_F
 ClientSampleId :

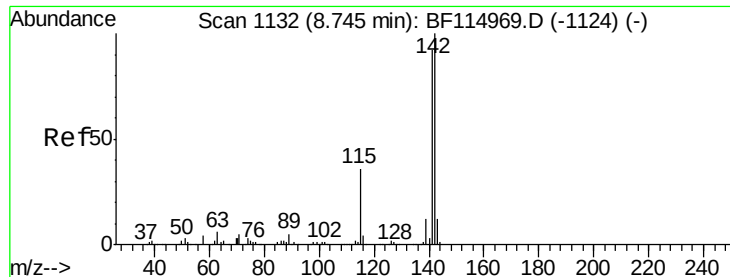
Tot Ion:107 Resp: 584176
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.0 33.0
 142 87.1 68.2 102.4



#37
 2-Methylnaphthalene
 Concen: 42.663 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion:142 Resp: 1295802
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 34.4 27.9 41.9

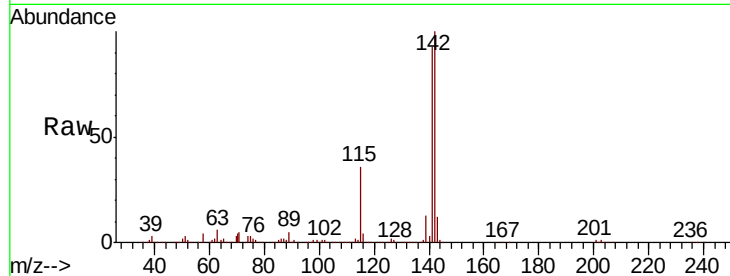




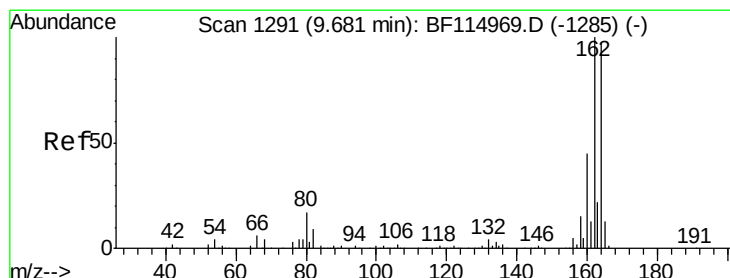
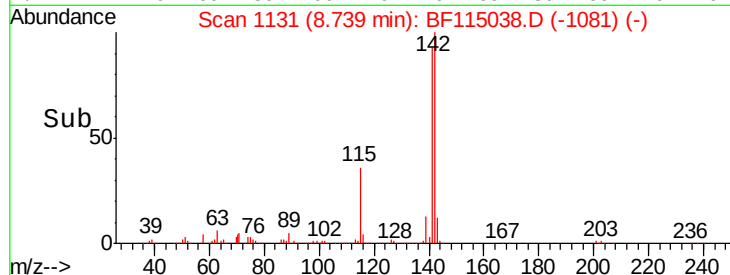
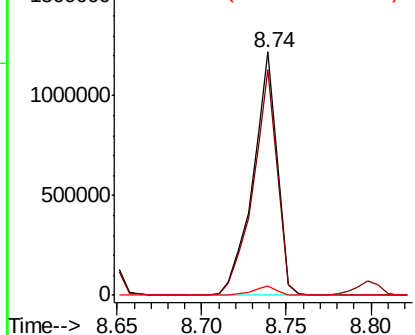
#38
1-Methylnaphthalene
Concen: 42.463 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1218968
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.8
116 3.6 2.9 4.3

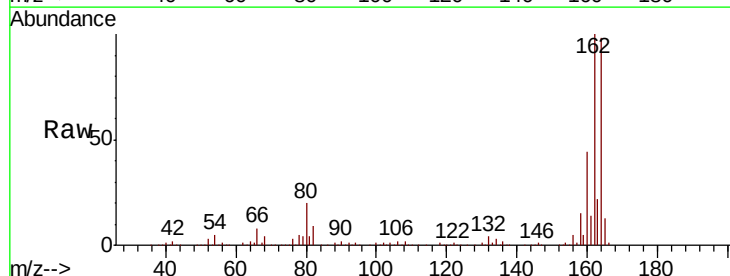


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

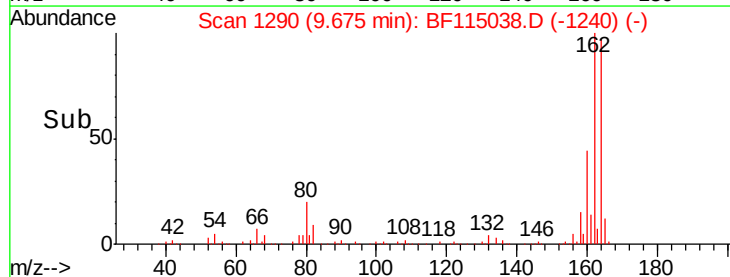
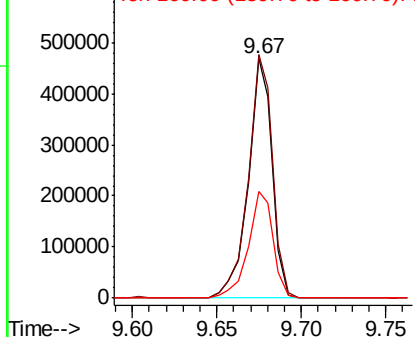


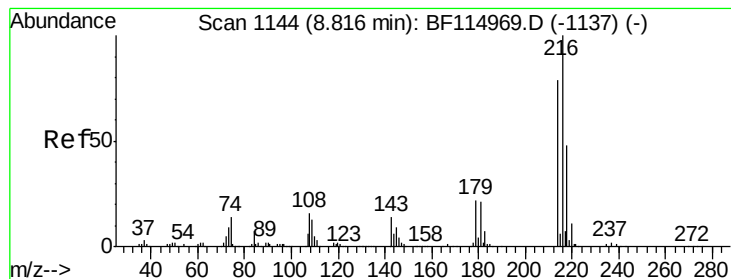
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion:164 Resp: 463453
Ion Ratio Lower Upper
164 100
162 101.7 82.6 124.0
160 44.5 36.9 55.3



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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.212 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 550592

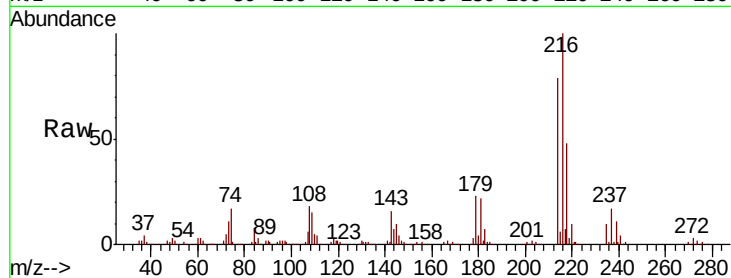
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 22.7 18.2 27.4

108 20.7 15.0 22.6

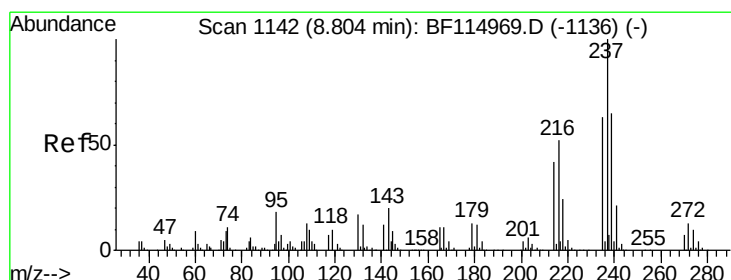
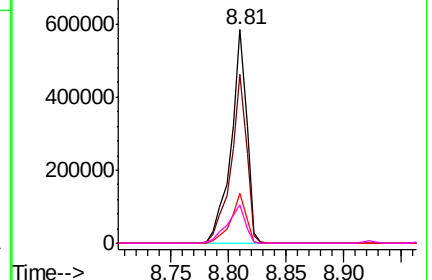
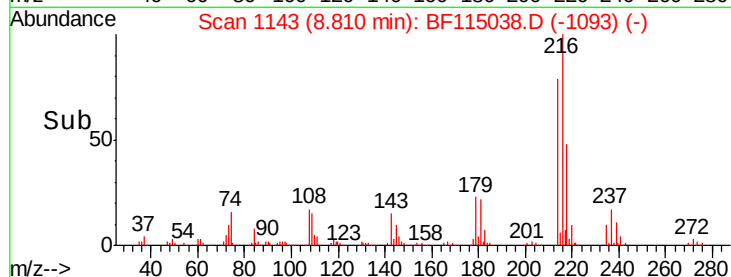


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 85.483 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

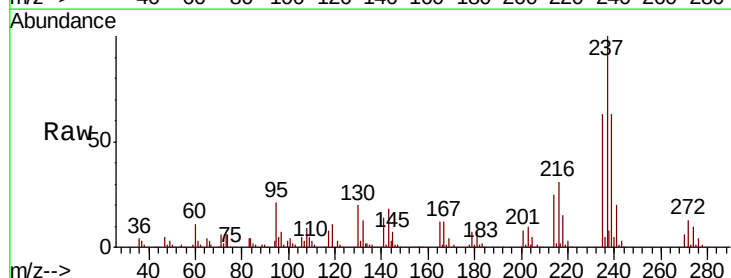
Tgt Ion:237 Resp: 576747

Ion Ratio Lower Upper

237 100

235 62.8 42.7 82.7

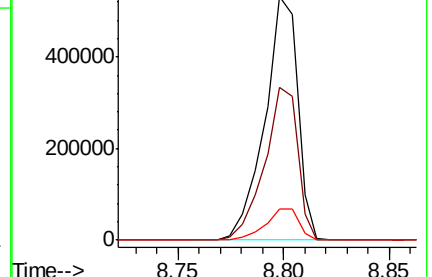
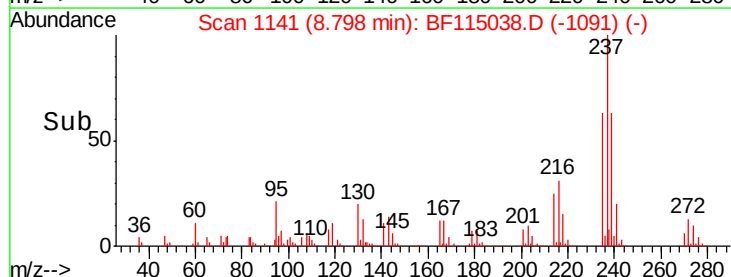
272 12.6 0.0 32.7

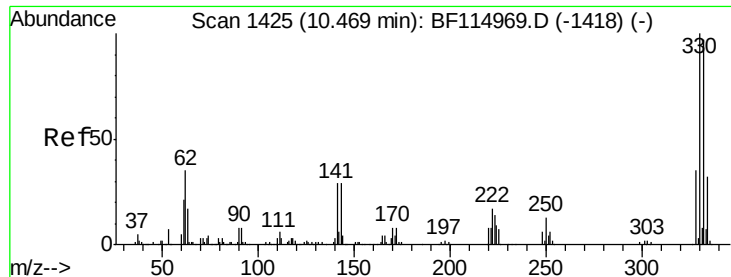


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 74.605 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

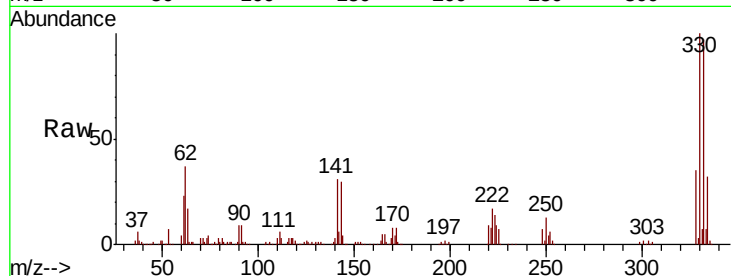
Tot Ion:330 Resp: 370259

Ion Ratio Lower Upper

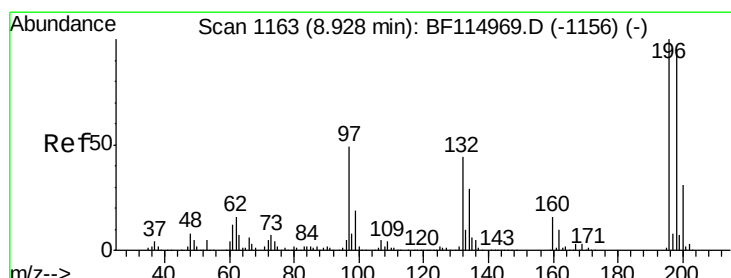
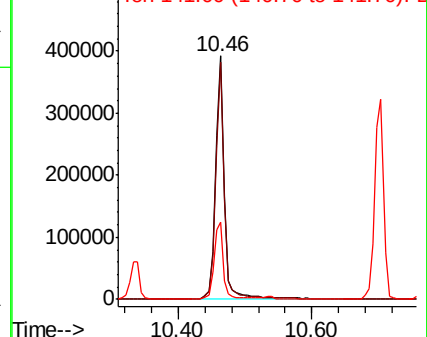
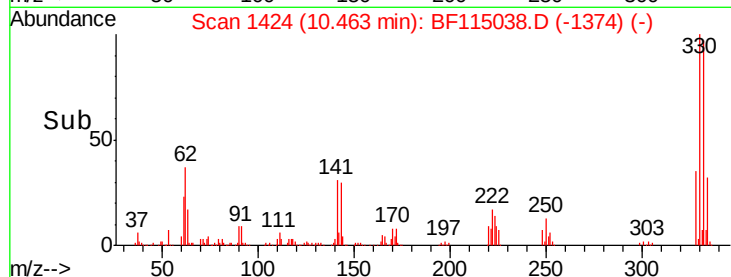
330 100

332 95.8 77.6 116.4

141 33.2 27.2 40.8



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: 38.069 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

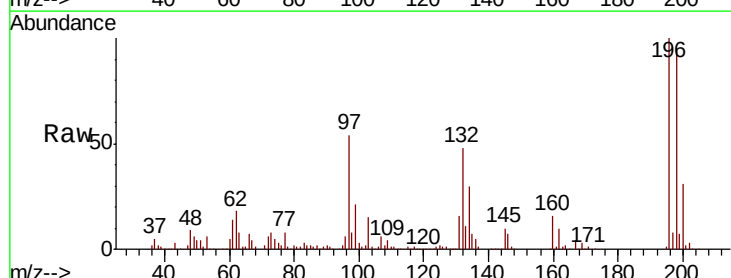
Tgt Ion:196 Resp: 389317

Ion Ratio Lower Upper

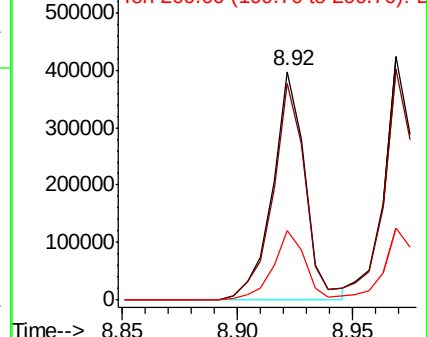
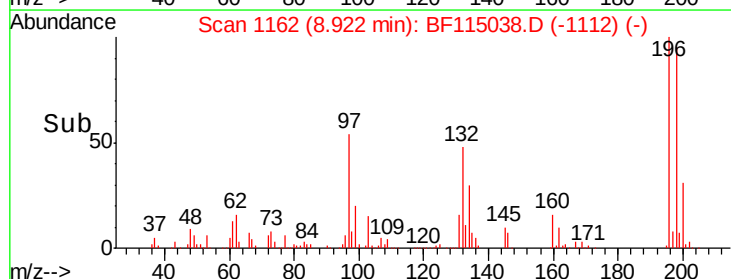
196 100

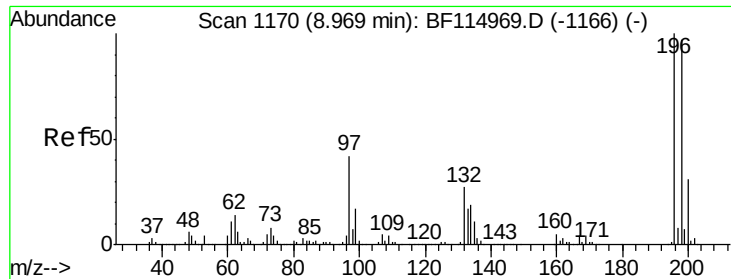
198 94.6 75.8 113.8

200 30.5 24.9 37.3



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

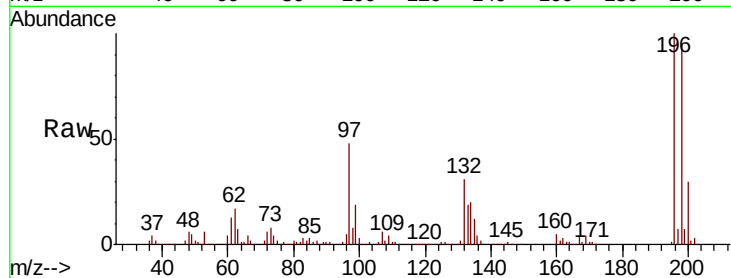




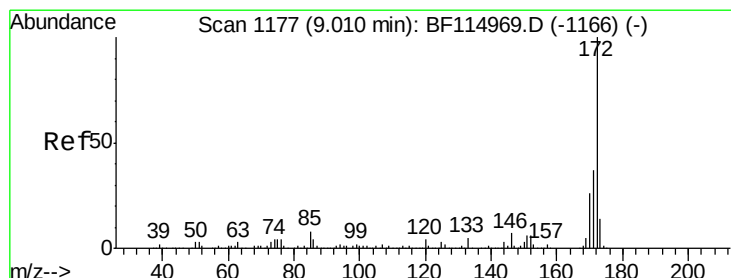
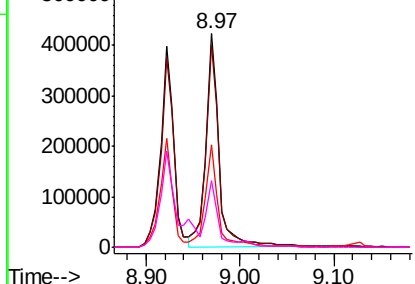
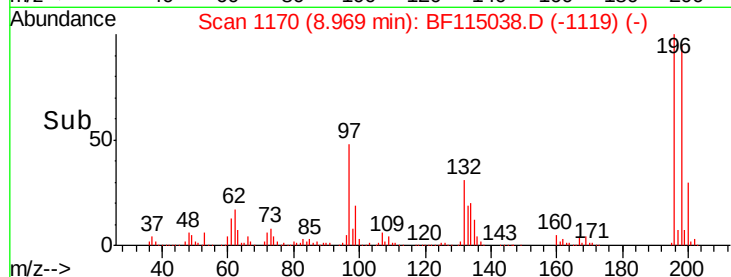
#44
 2,4,5-Trichlorophenol
 Concen: 40.291 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 416410
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.3 115.9
 97 48.2 34.2 51.4
 132 30.9 22.1 33.1

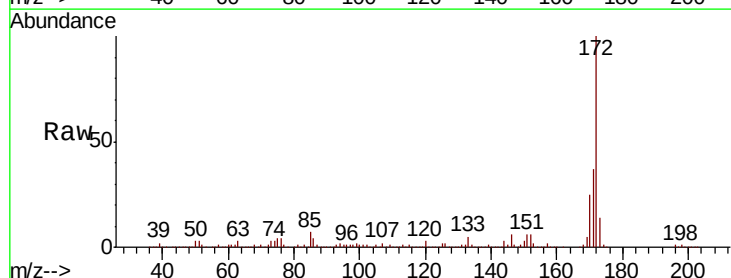


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

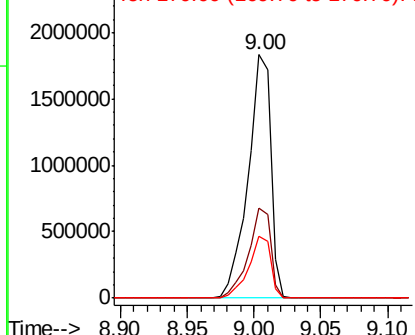
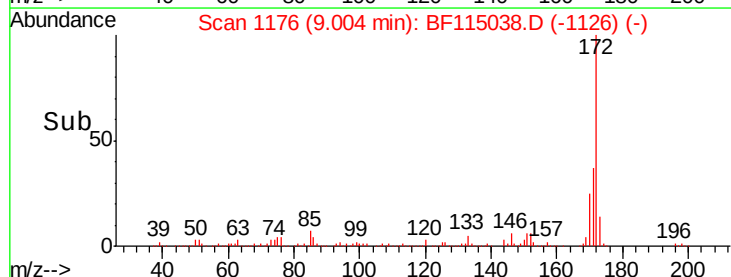


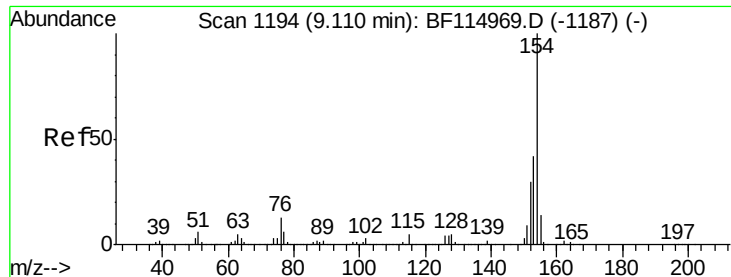
#45
 2-Fluorobiphenyl
 Concen: 78.160 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion:172 Resp: 2137285
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.2 20.6 31.0



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

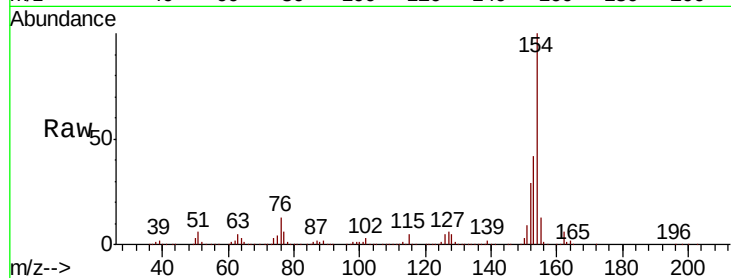




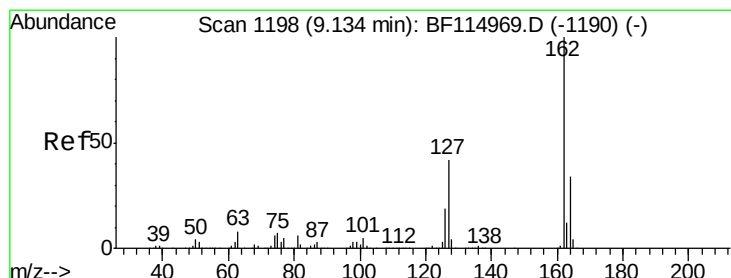
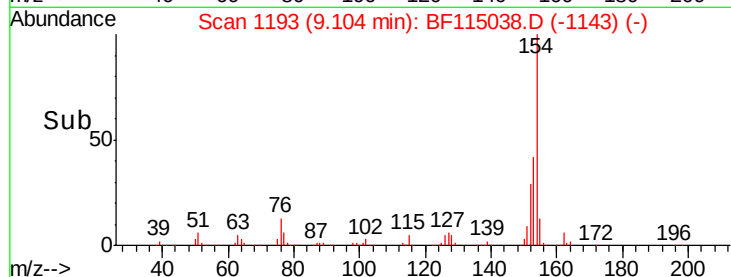
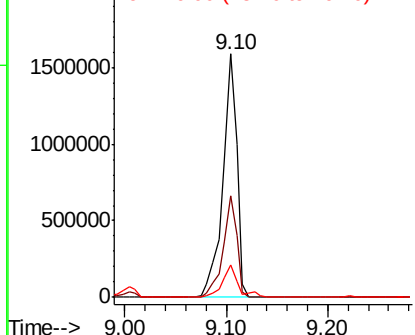
#46
 1,1'-Biphenyl
 Concen: 40.805 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1515440
 Ion Ratio Lower Upper
 154 100
 153 41.6 22.4 62.4
 76 13.3 0.0 33.3

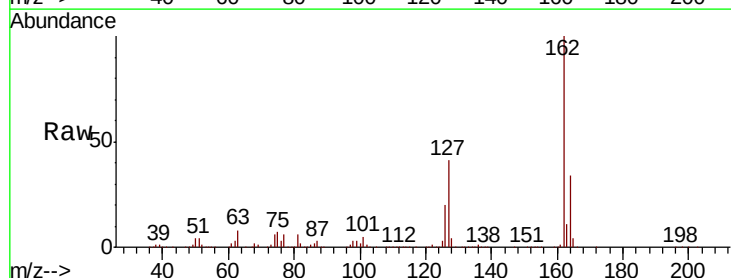


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

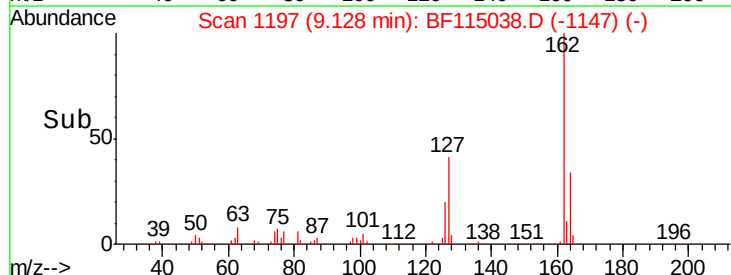
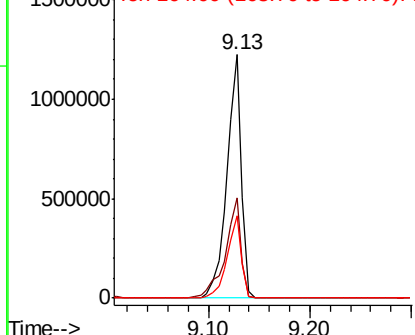


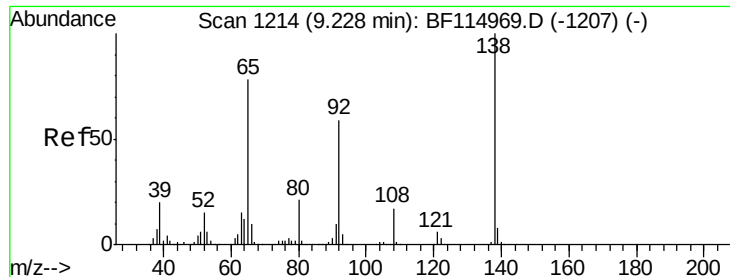
#47
 2-Chloronaphthalene
 Concen: 40.053 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion:162 Resp: 1202881
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.4 50.2
 164 33.7 27.2 40.8



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

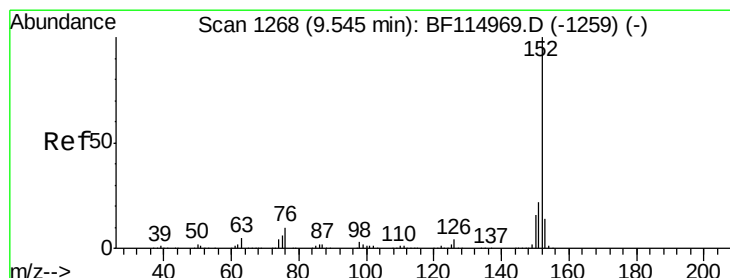
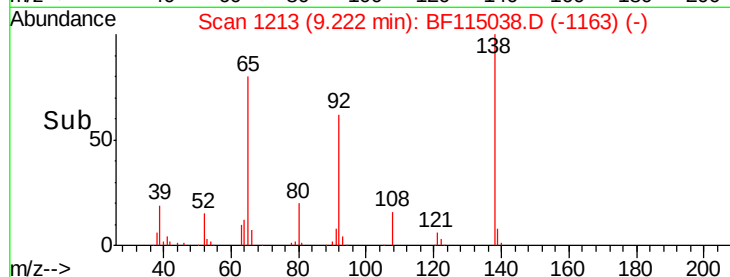
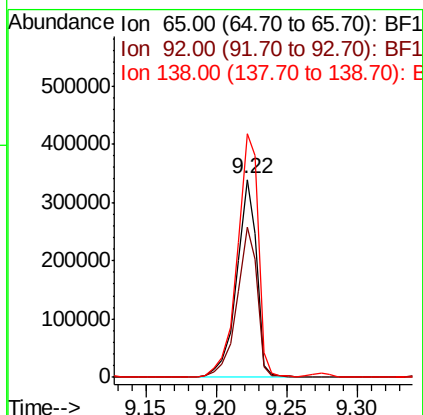
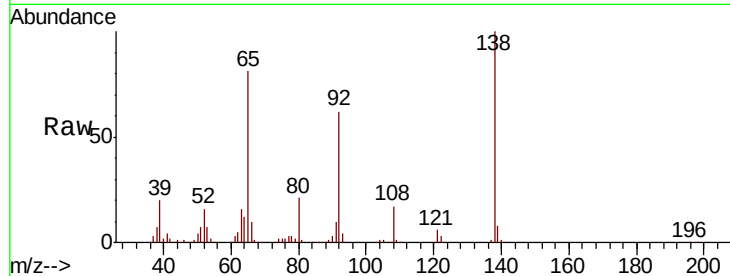




#48
2-Nitroaniline
Concen: 37.611 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

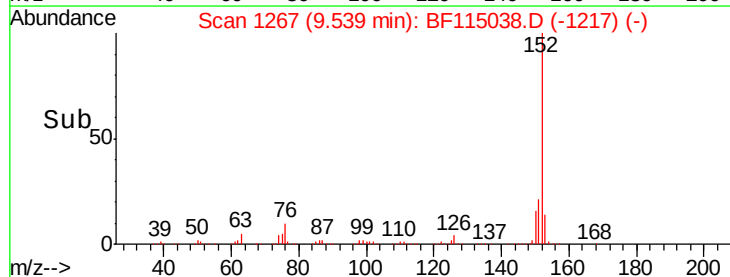
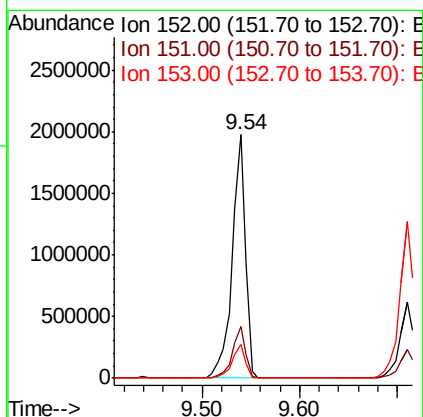
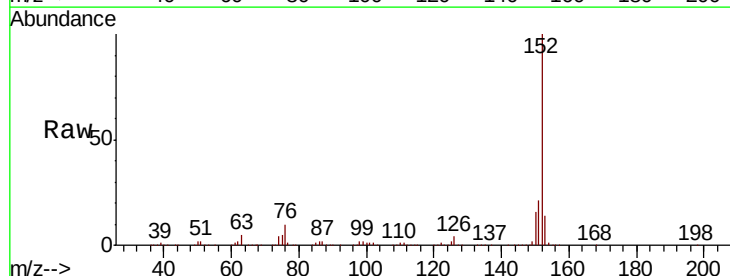
Instrument :
BNA_F
ClientSampled :

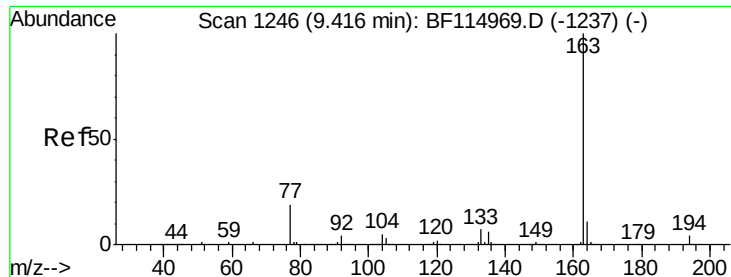
Tot Ion: 65 Resp: 333862
Ion Ratio Lower Upper
65 100
92 75.8 60.5 90.7
138 123.0 102.0 153.0



#49
Acenaphthylene
Concen: 40.379 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion: 152 Resp: 1864510
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 14.0 11.2 16.8

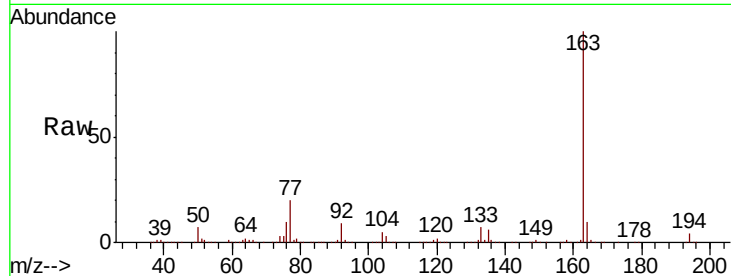




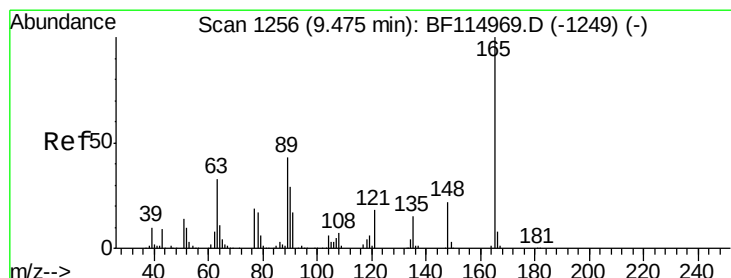
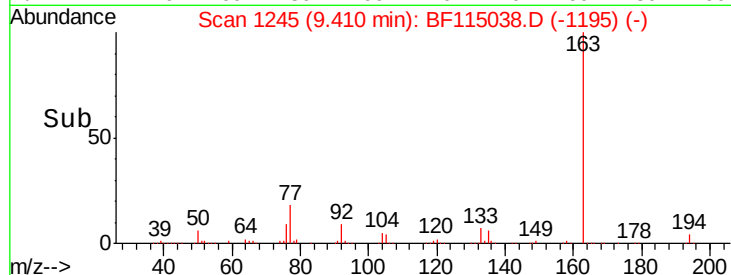
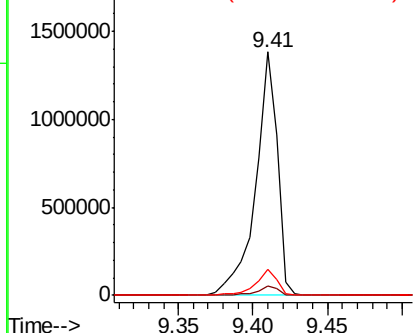
#50
Dimethylphthalate
Concen: 39.480 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1376024
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.6 12.8

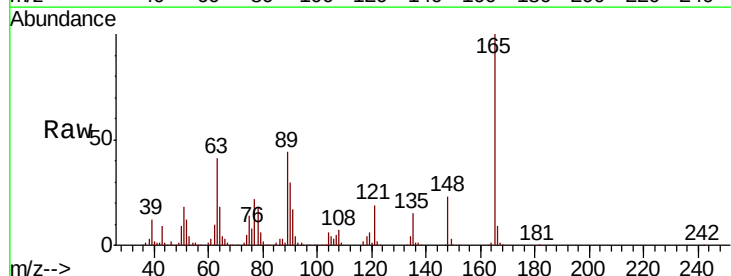


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

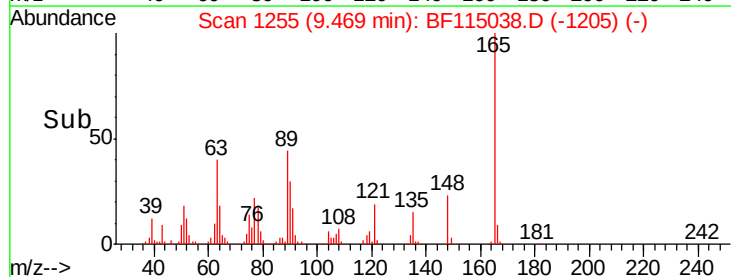
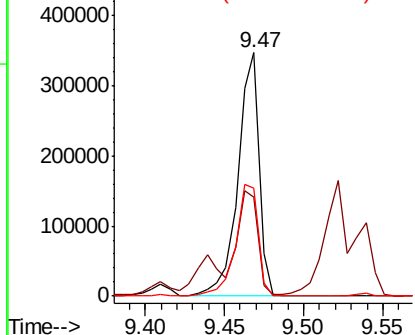


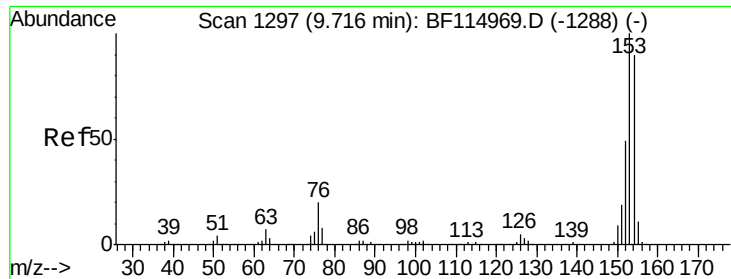
#51
2,6-Dinitrotoluene
Concen: 40.579 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion:165 Resp: 320818
Ion Ratio Lower Upper
165 100
63 40.5 30.6 46.0
89 44.3 34.4 51.6



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: 40.587 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

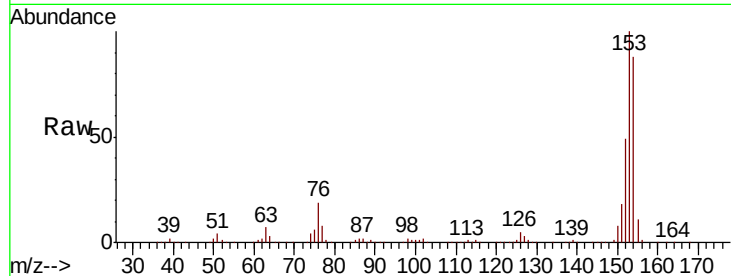
Tot Ion:154 Resp: 1072223

Ion Ratio Lower Upper

154 100

153 113.2 88.5 132.7

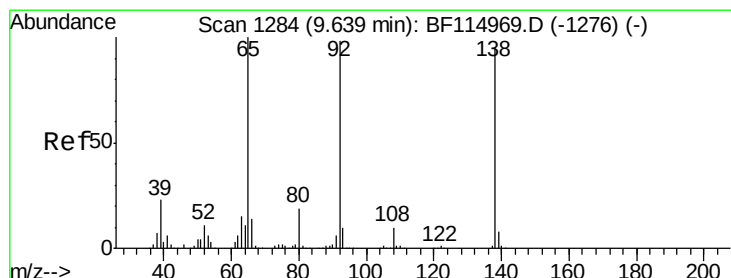
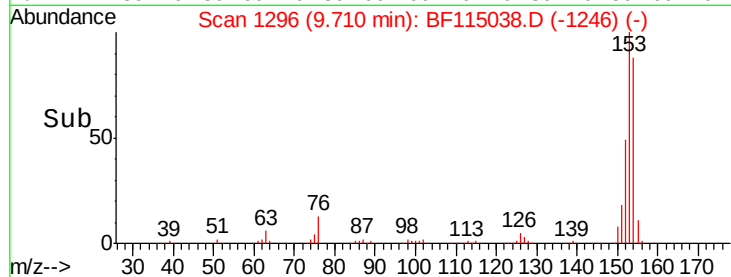
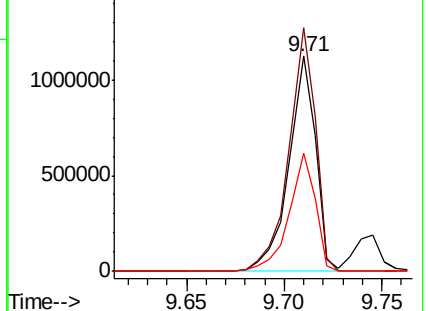
152 55.0 43.6 65.4



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: 24.560 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

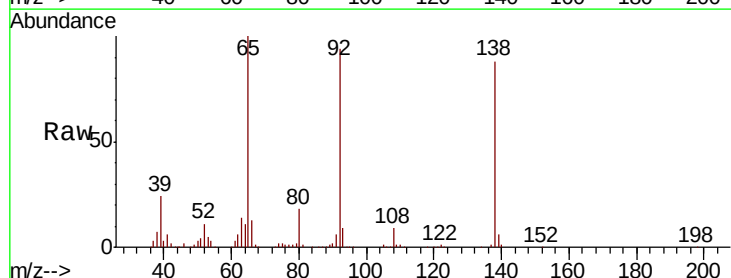
Tgt Ion:138 Resp: 237903

Ion Ratio Lower Upper

138 100

108 9.9 8.0 12.0

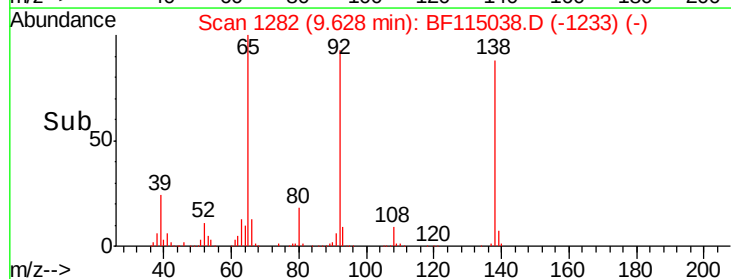
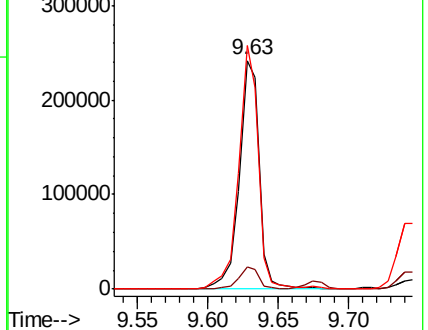
92 106.5 82.4 123.6

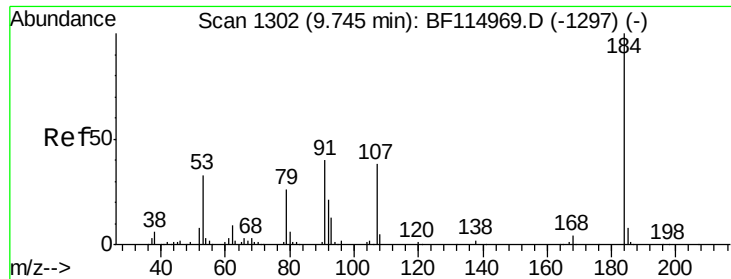


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

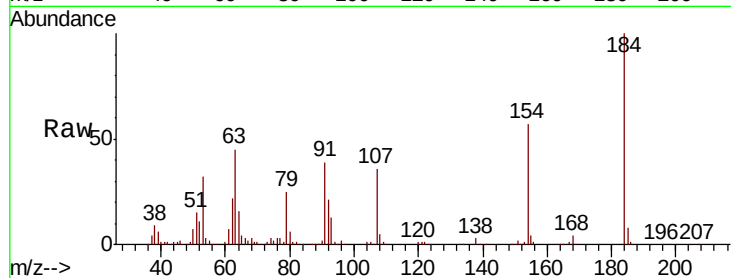




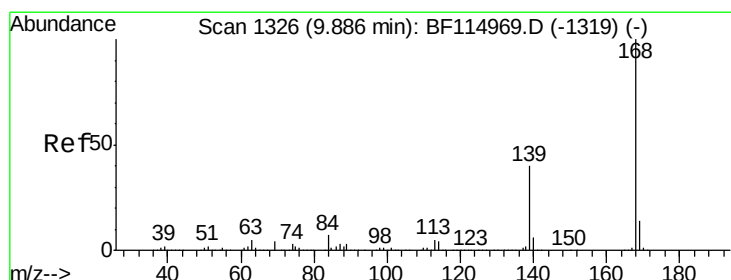
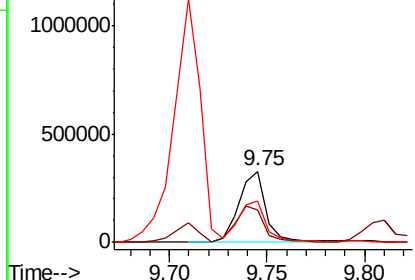
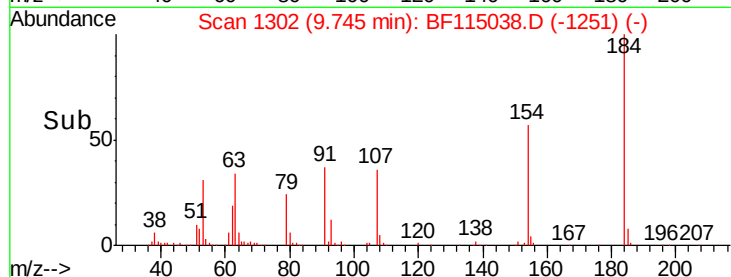
#54
2,4-Dinitrophenol
Concen: 83.487 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 320158
Ion Ratio Lower Upper
184 100
63 45.3 40.5 60.7
154 57.2 44.8 67.2

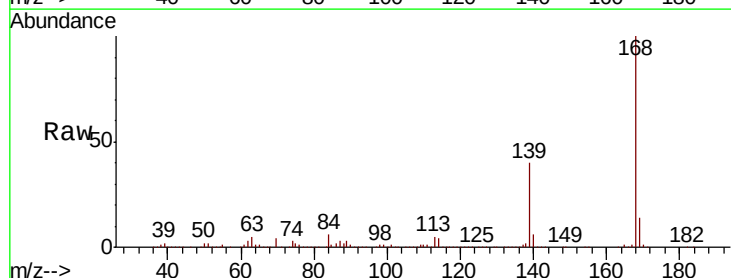


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

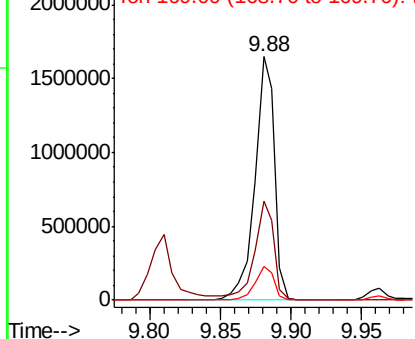
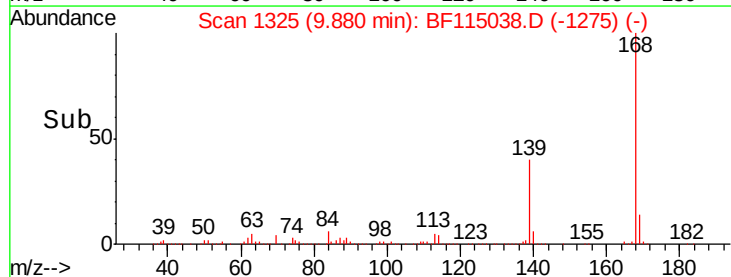


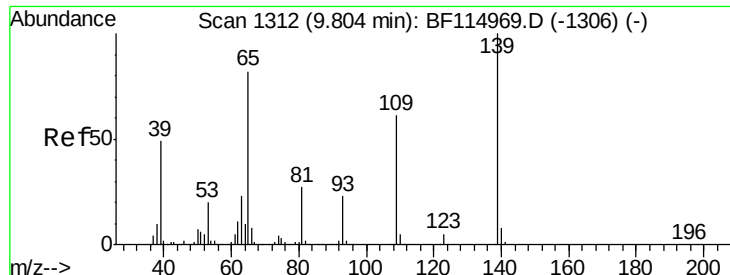
#55
Dibenzofuran
Concen: 40.396 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion:168 Resp: 1608366
Ion Ratio Lower Upper
168 100
139 40.4 32.5 48.7
169 14.1 11.5 17.3



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

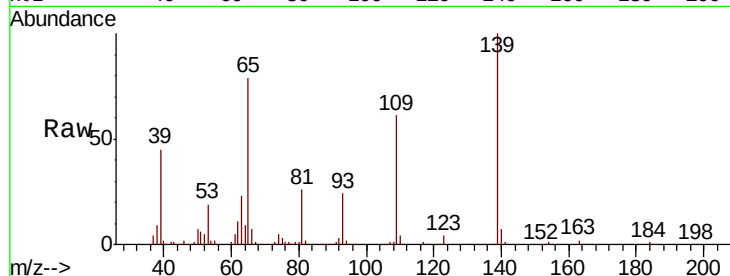




#56
4-Nitrophenol
Concen: 76.028 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.3	41.4	81.4
65	78.5	62.7	102.7

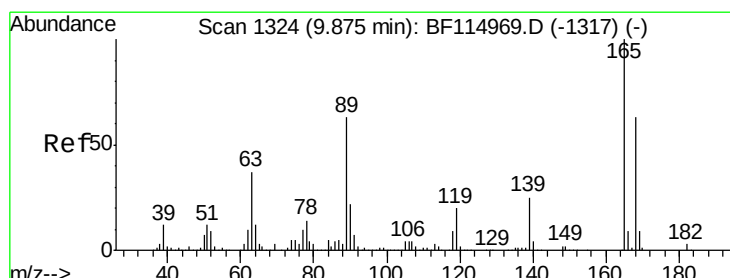
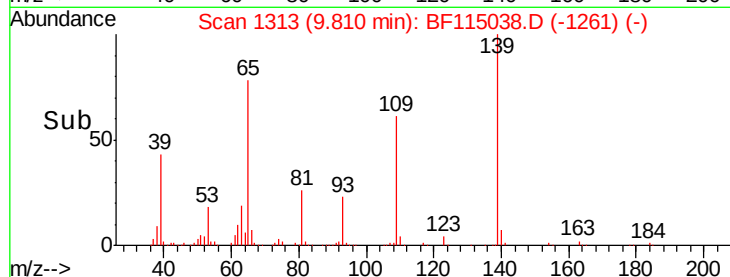
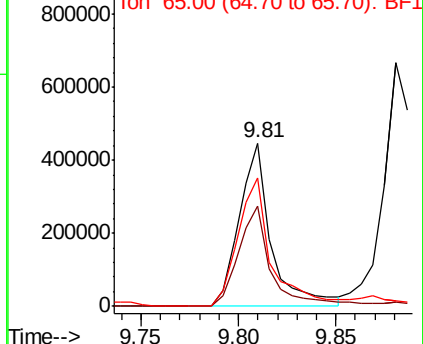


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 41.652 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.0	29.4	44.2
89	65.0	50.6	75.8
182	2.7	2.2	3.2

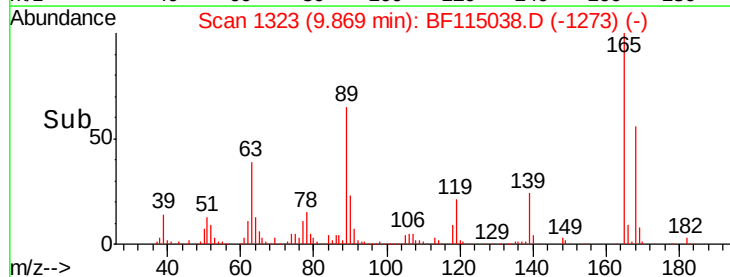
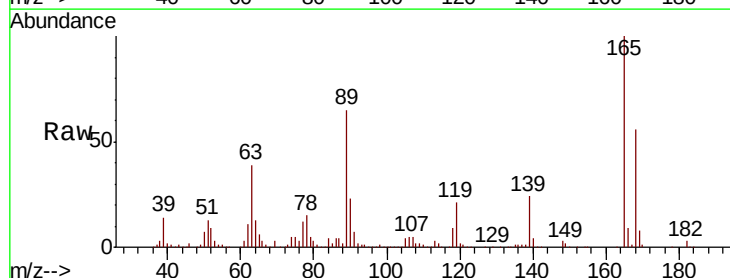
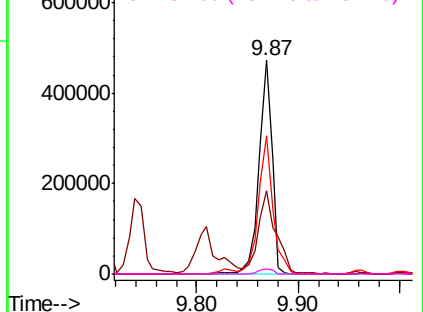
Abundance

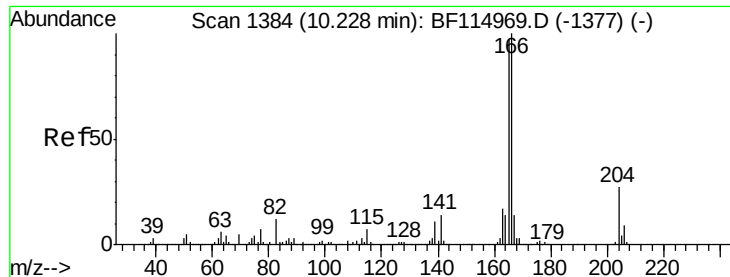
Ion 165.00 (164.70 to 165.70): E

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

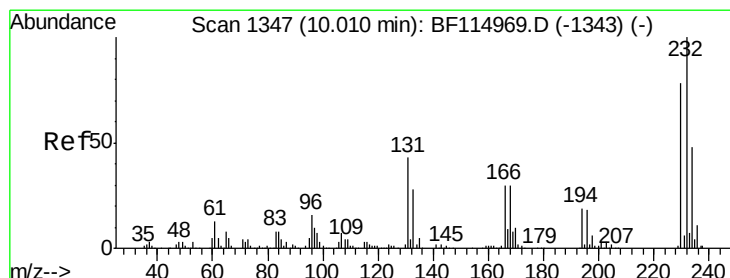
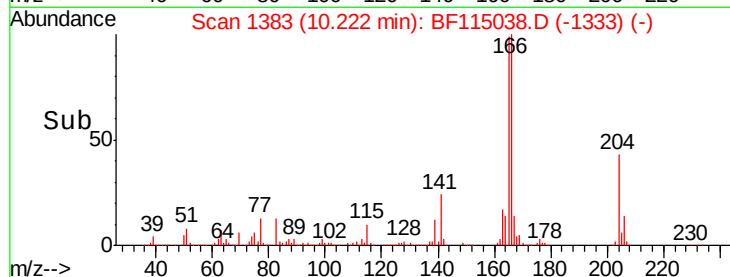
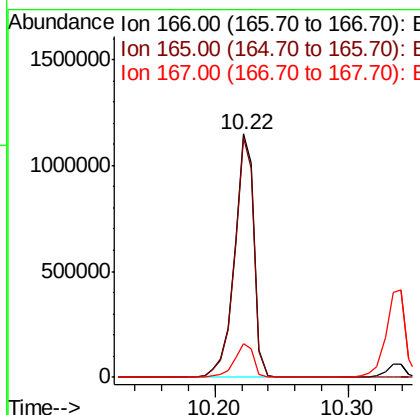
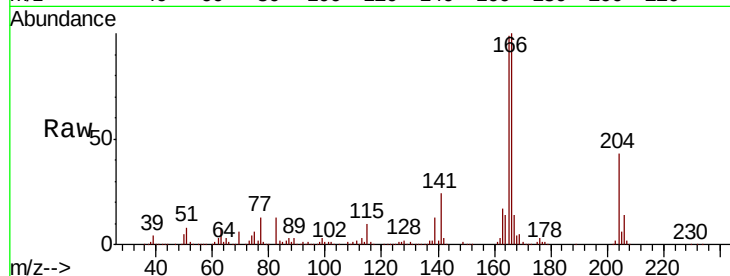




#58
 Fluorene
 Concen: 43.771 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

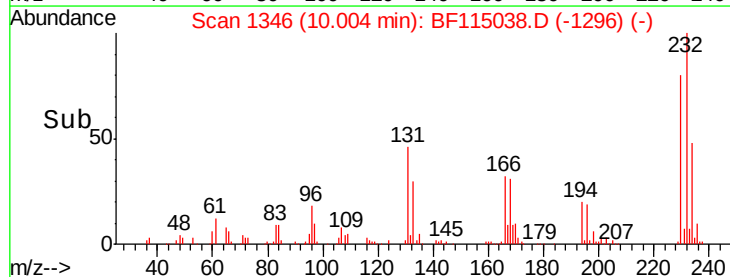
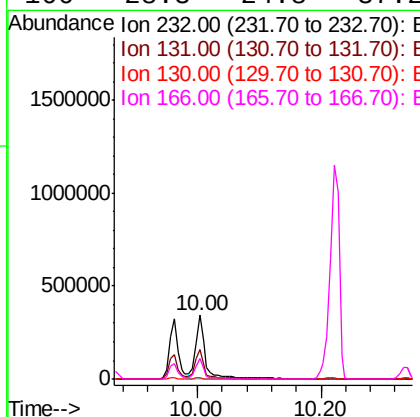
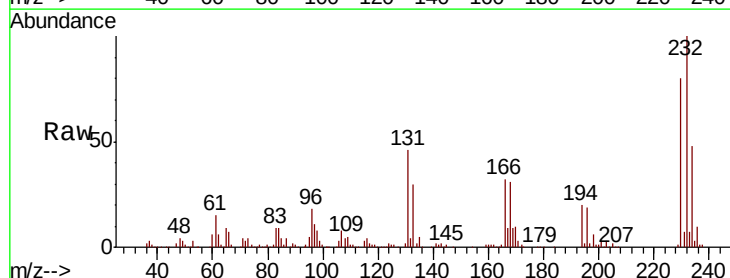
Instrument :
 BNA_F
 ClientSampleId :

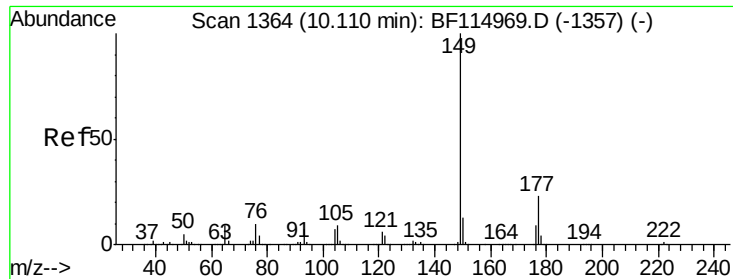
Tot Ion:166 Resp: 1169147
 Ion Ratio Lower Upper
 166 100
 165 98.5 77.6 116.4
 167 13.7 11.0 16.4



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.937 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion:232 Resp: 375147
 Ion Ratio Lower Upper
 232 100
 131 44.5 36.9 55.3
 130 2.2 1.8 2.6
 166 28.3 24.8 37.2

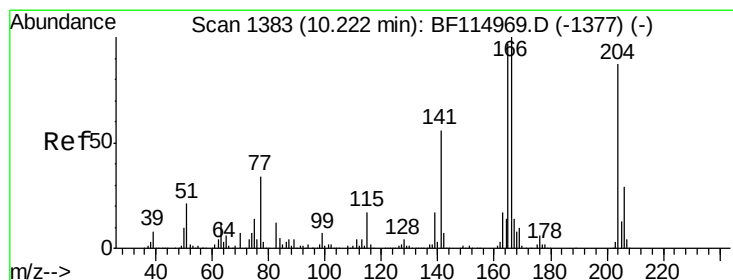
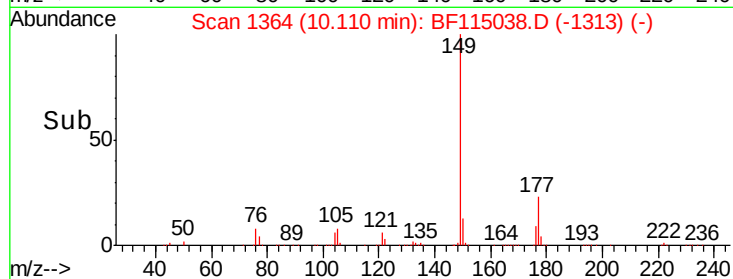
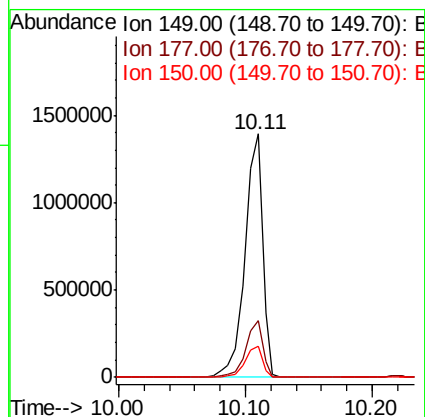
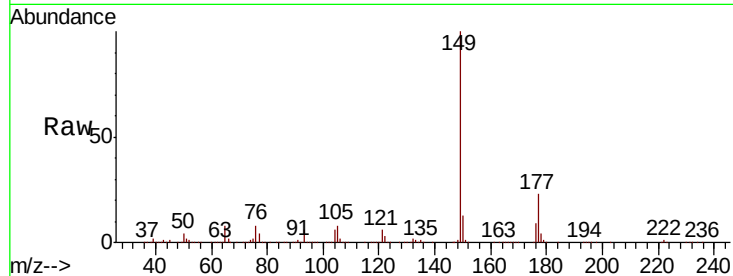




#60
Diethylphthalate
Concen: 40.032 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

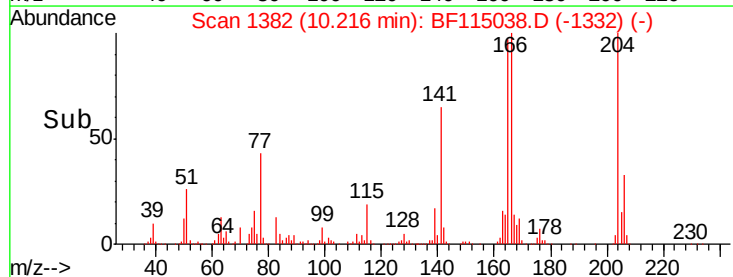
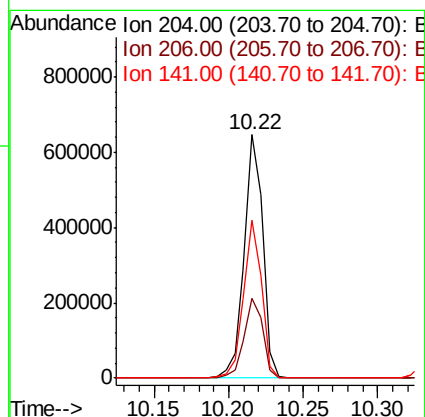
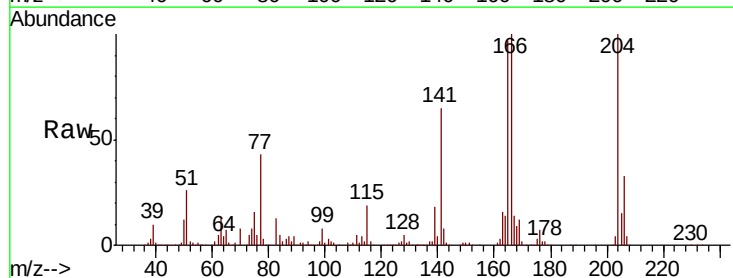
Instrument :
BNA_F
ClientSampleId :

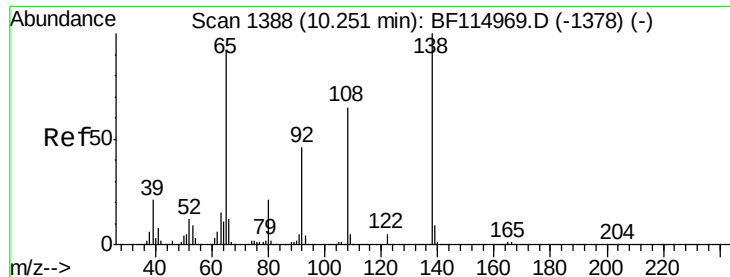
Tot Ion:149 Resp: 1334081
Ion Ratio Lower Upper
149 100
177 23.1 18.6 27.8
150 12.6 10.5 15.7



#61
4-Chlorophenyl-phenylether
Concen: 42.261 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion:204 Resp: 561960
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.8 51.8 77.8

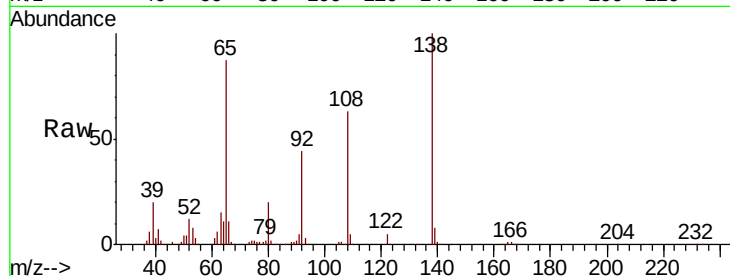




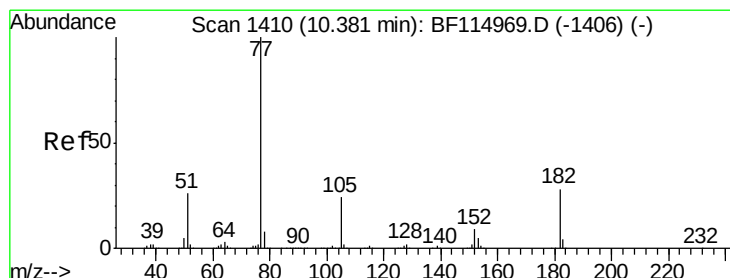
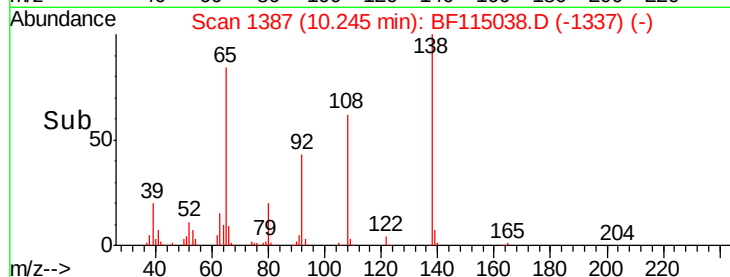
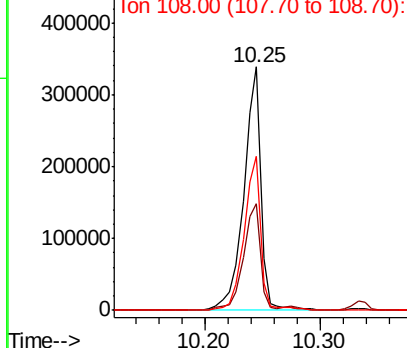
#62
4-Nitroaniline
Concen: 35.640 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 347108
Ion Ratio Lower Upper
138 100
92 43.6 25.7 65.7
108 63.1 44.6 84.6

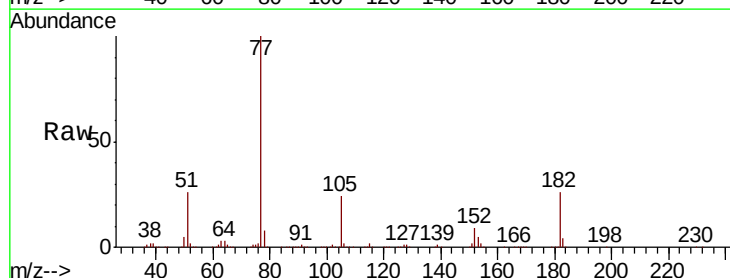


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

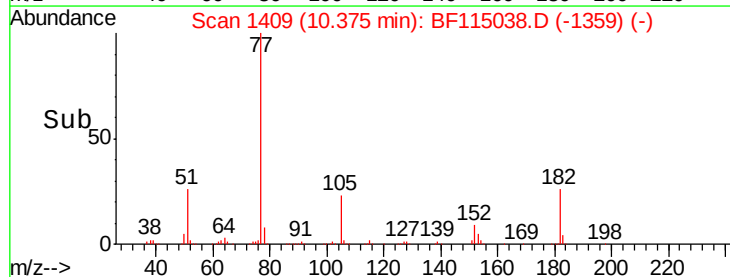
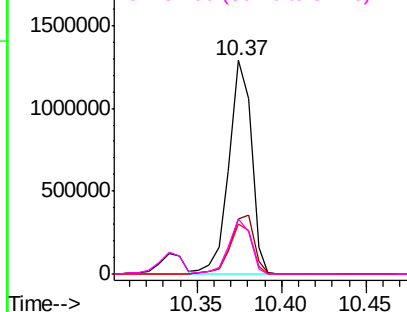


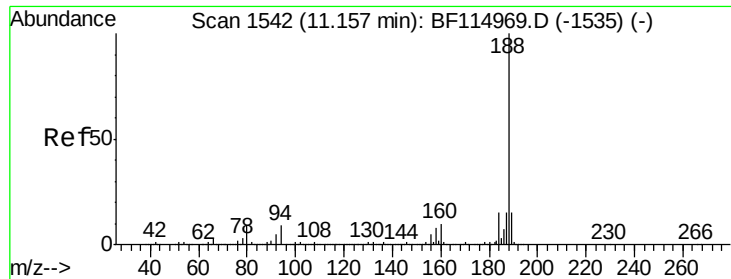
#63
Azobenzene
Concen: 40.843 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion: 77 Resp: 1190758
Ion Ratio Lower Upper
77 100
182 26.0 7.4 47.4
105 23.6 4.2 44.2
51 26.1 6.2 46.2



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: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

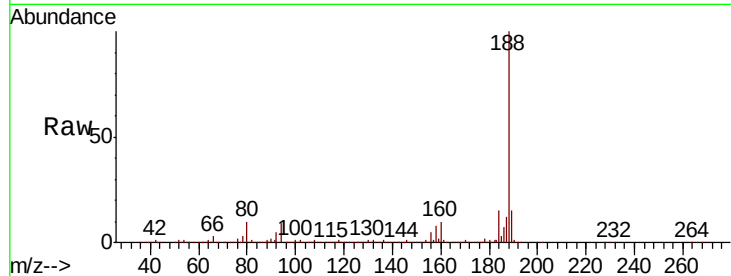
Tot Ion:188 Resp: 902372

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

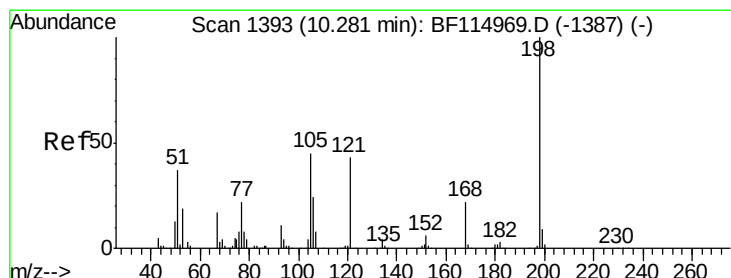
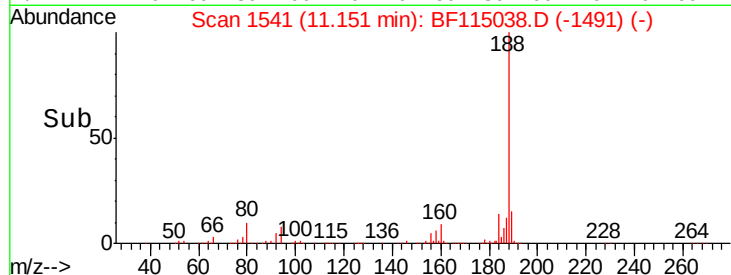
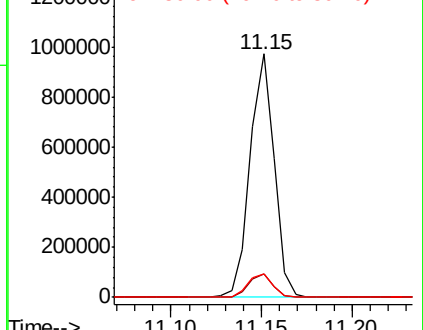
80 9.8 7.4 11.2



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: 39.233 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

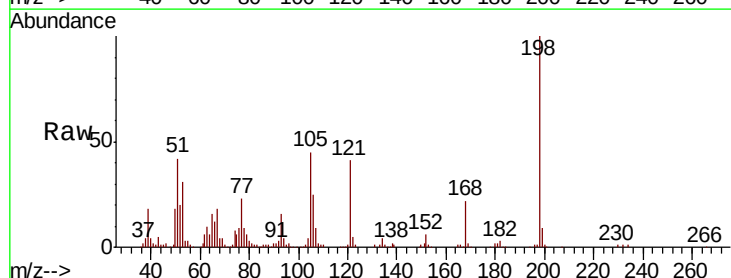
Tgt Ion:198 Resp: 198428

Ion Ratio Lower Upper

198 100

51 41.5 23.0 63.0

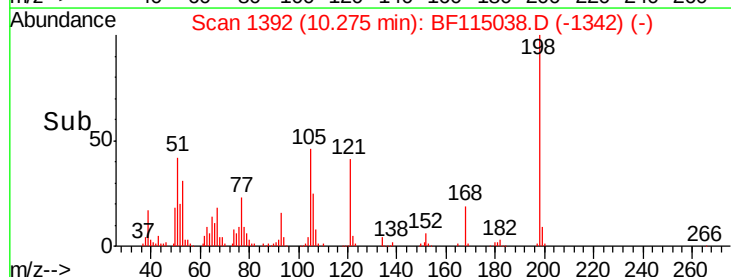
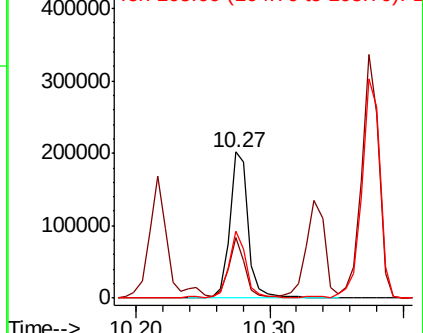
105 45.5 26.5 66.5

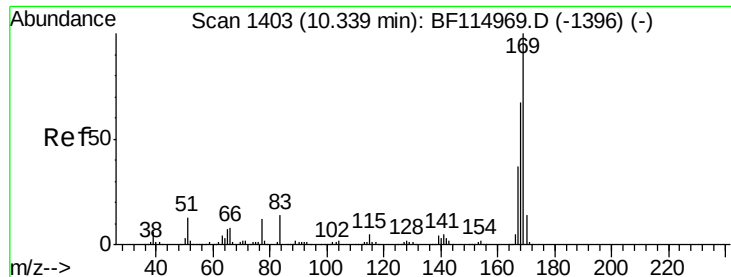


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

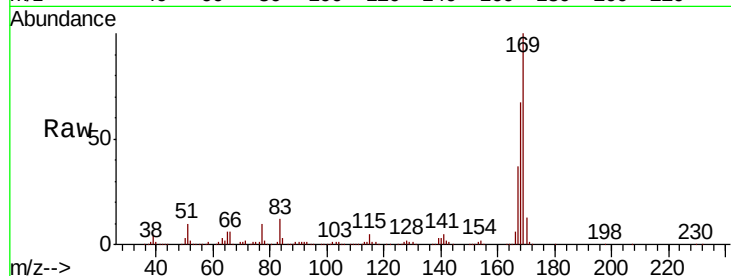




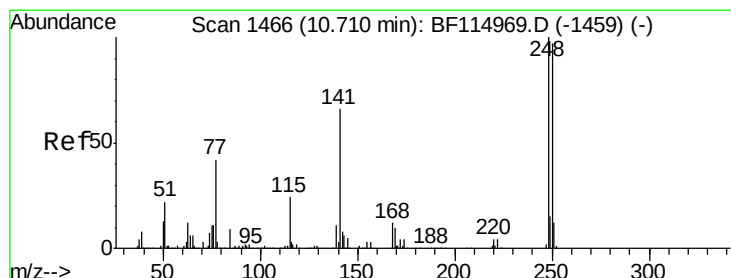
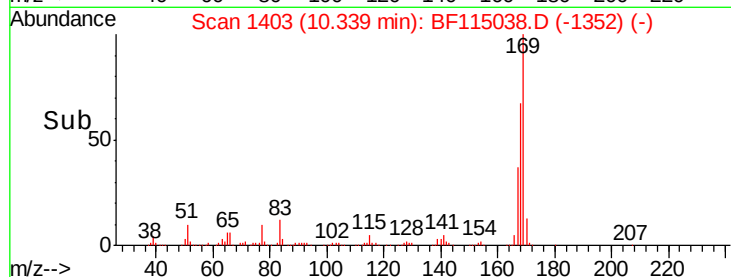
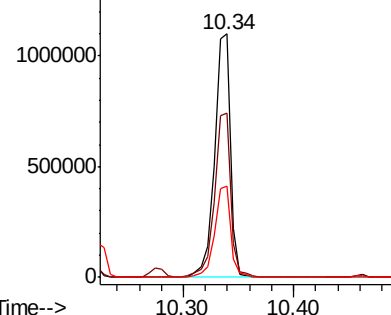
#66
 n-Nitrosodiphenylamine
 Concen: 41.070 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 1107798
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.6 80.4
 167 37.4 29.6 44.4

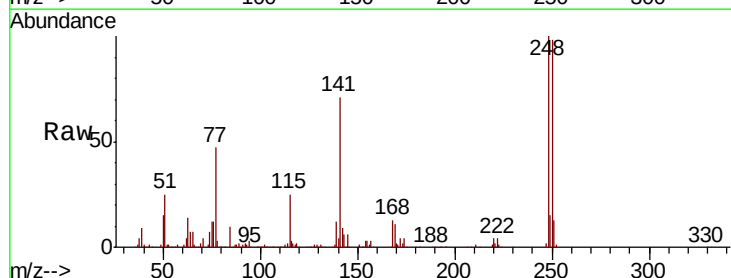


Abundance Ion 169.00 (168.70 to 169.70): E
 1500000 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

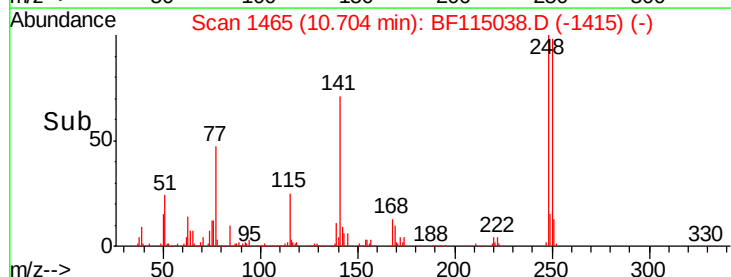
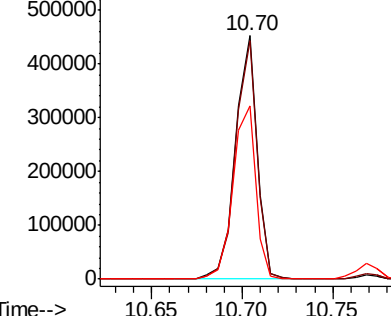


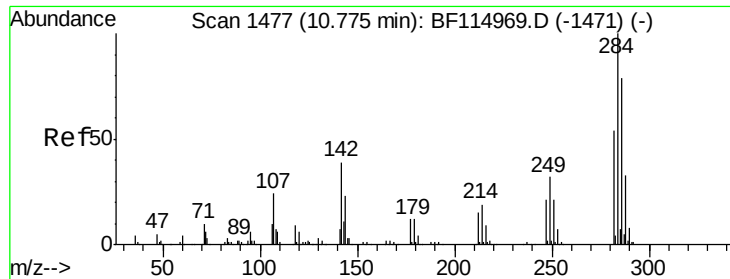
#67
 4-Bromophenyl-phenylether
 Concen: 38.832 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion:248 Resp: 376237
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.8 116.8
 141 71.0 53.1 79.7



Abundance Ion 248.00 (247.70 to 248.70): E
 600000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 38.948 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

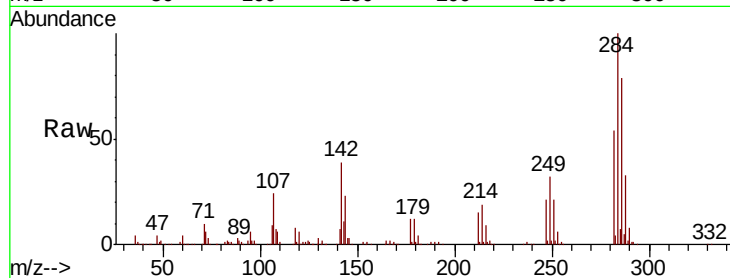
Tot Ion:284 Resp: 415452

Ion Ratio Lower Upper

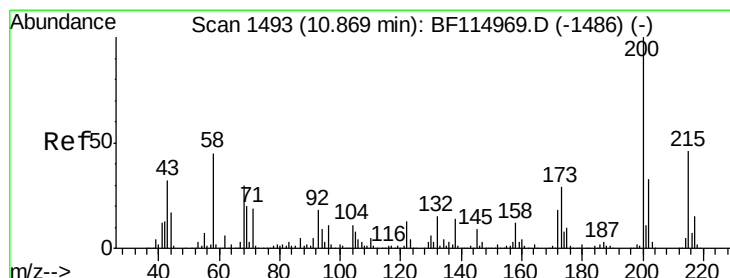
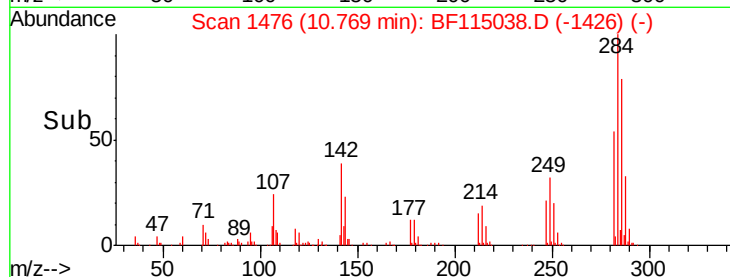
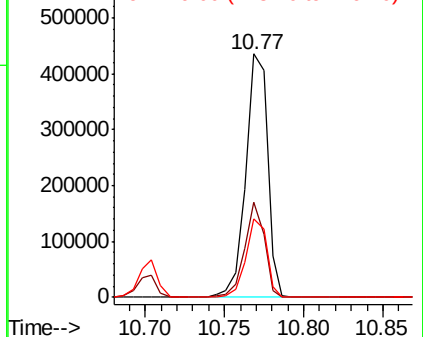
284 100

142 39.1 31.5 47.3

249 32.2 25.6 38.4



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: 37.696 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

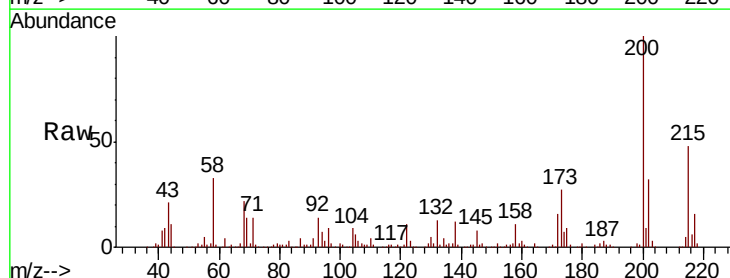
Tgt Ion:200 Resp: 327830

Ion Ratio Lower Upper

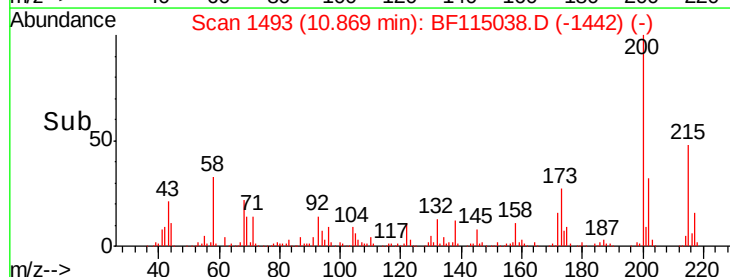
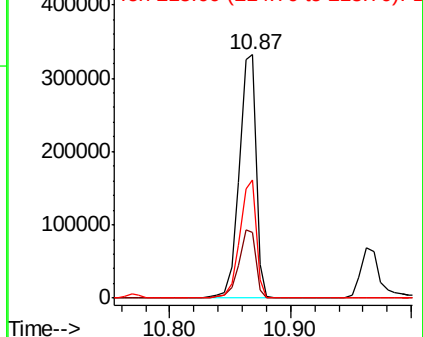
200 100

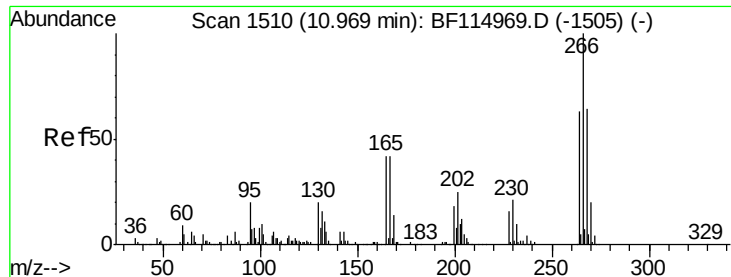
173 26.8 9.0 49.0

215 48.4 26.5 66.5



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

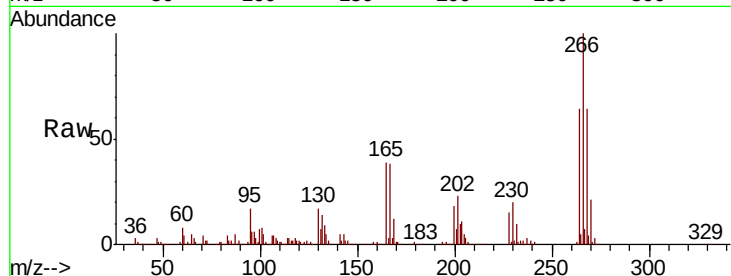




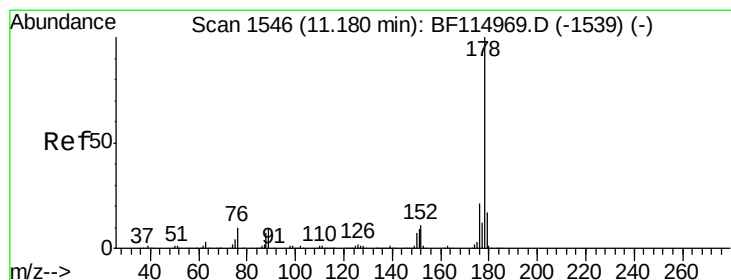
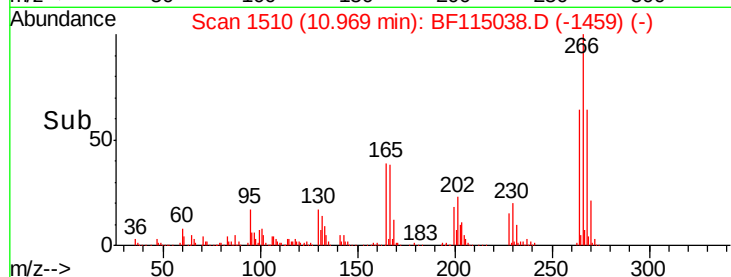
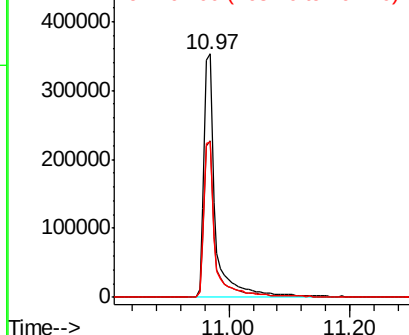
#70
 Pentachlorophenol
 Concen: 81.048 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 469502
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.4 77.2
 264 63.9 50.3 75.5

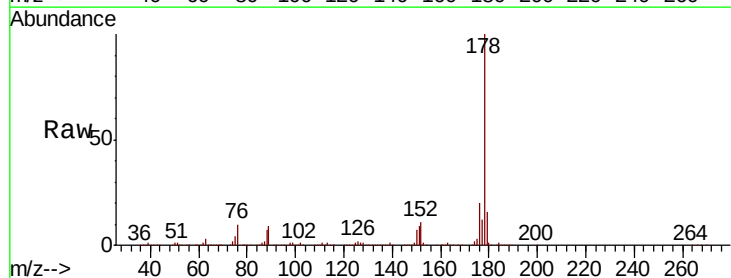


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

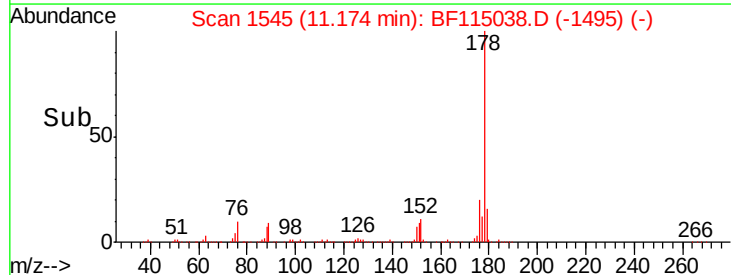
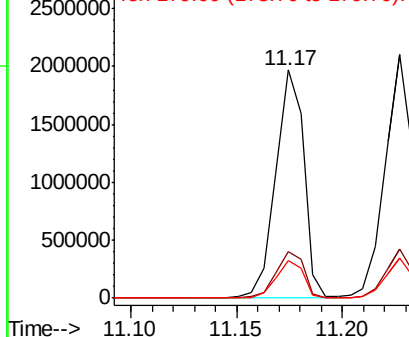


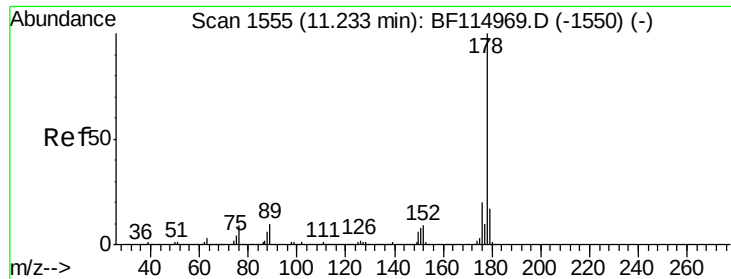
#71
 Phenanthrene
 Concen: 39.379 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion:178 Resp: 1834682
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.9 25.3
 179 16.4 13.4 20.0



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

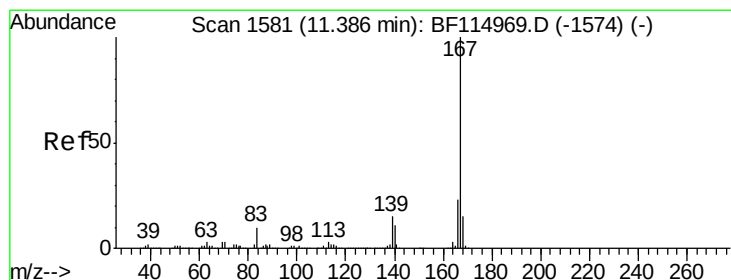
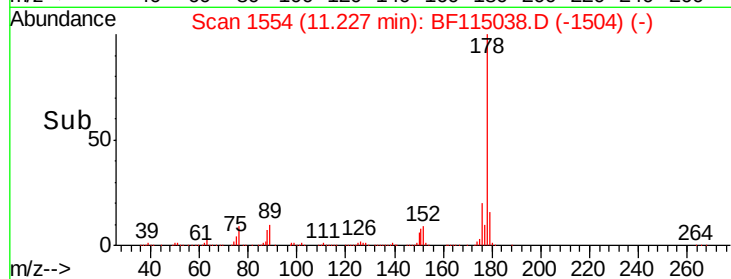
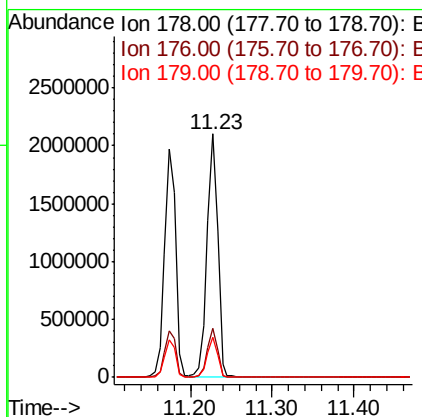
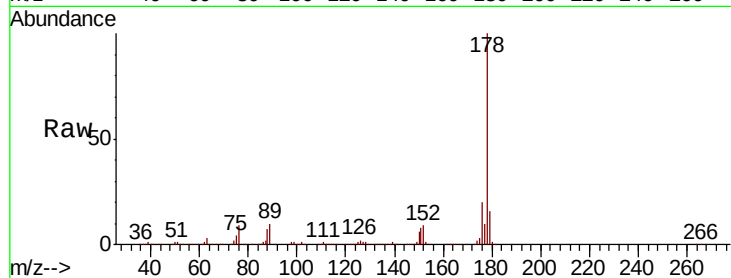




#72
 Anthracene
 Concen: 40.988 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

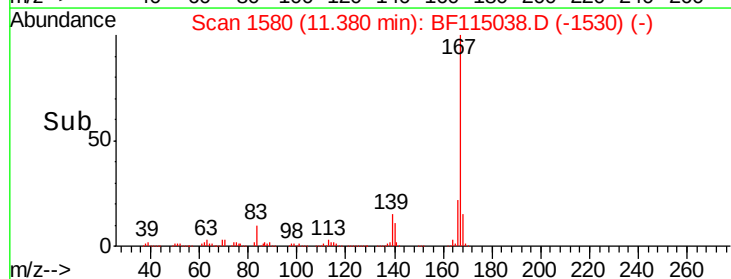
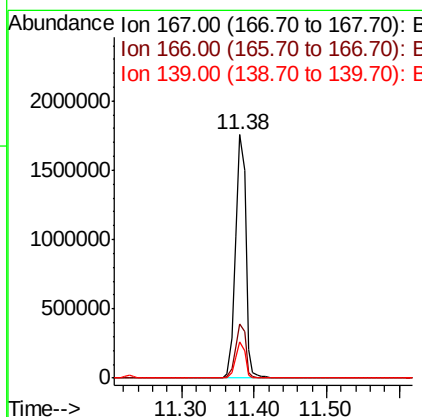
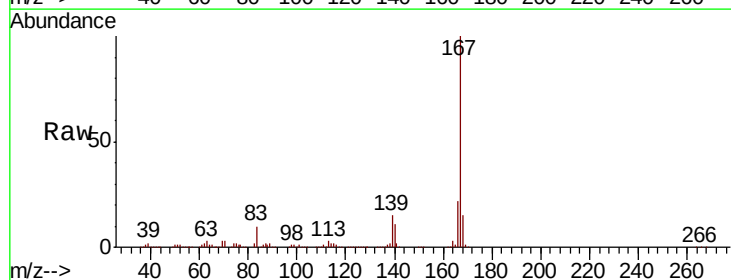
Instrument :
 BNA_F
 ClientSampleId :

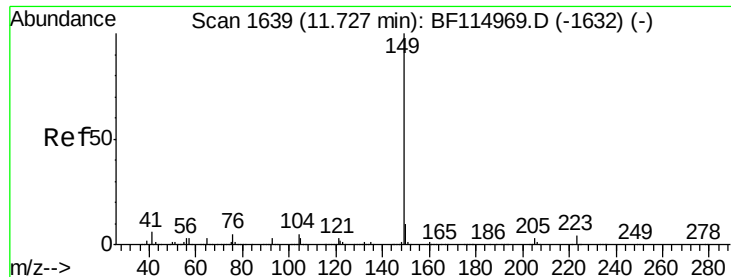
Tot Ion:178 Resp: 1926551
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 16.4 13.2 19.8



#73
 Carbazole
 Concen: 42.526 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion:167 Resp: 1744632
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.5 27.7
 139 14.7 12.0 18.0





#74

Di-n-butylphthalate

Concen: 39.530 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

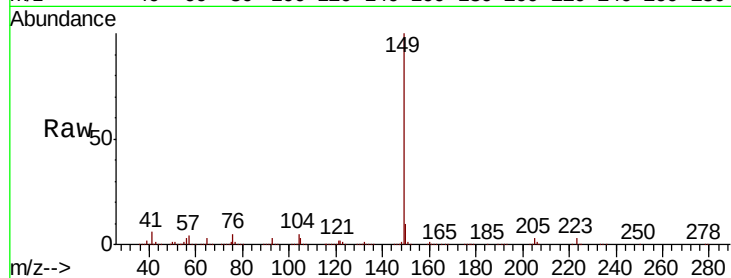
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 2044503

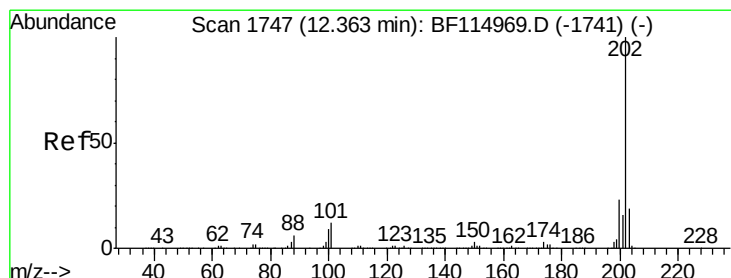
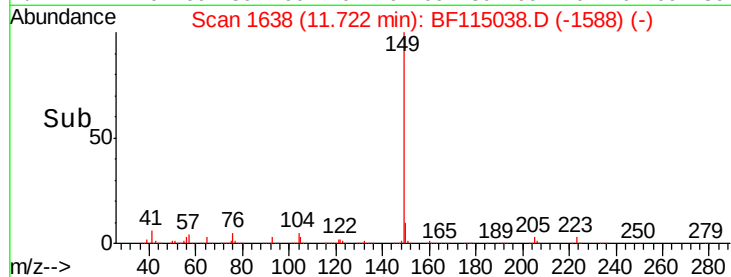
Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.9	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 40.769 ng

RT: 12.36 min Scan# 1746

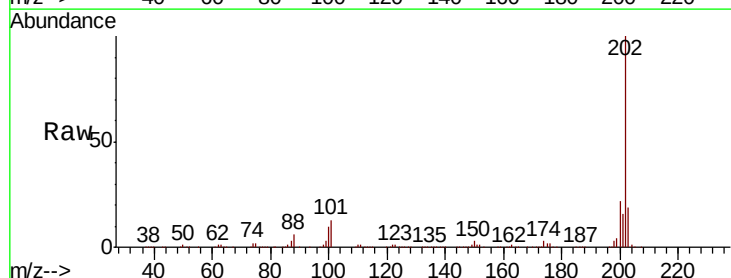
Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Tgt Ion:202 Resp: 1942290

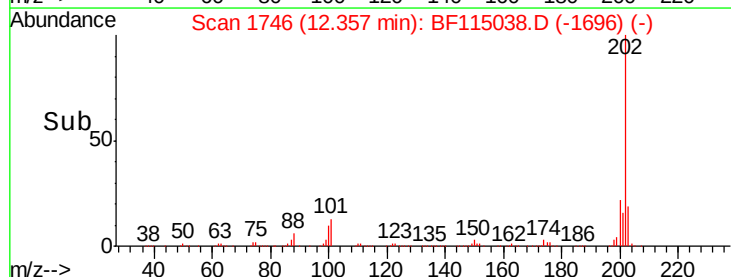
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
203	18.6	0.0	38.6

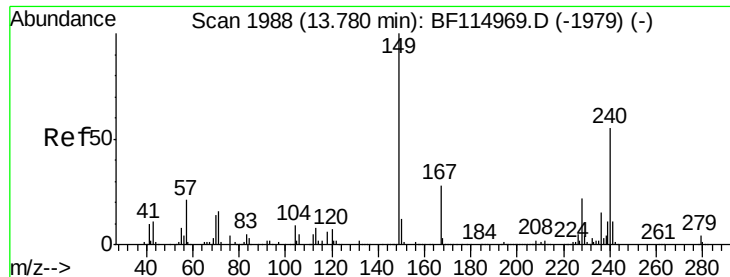


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

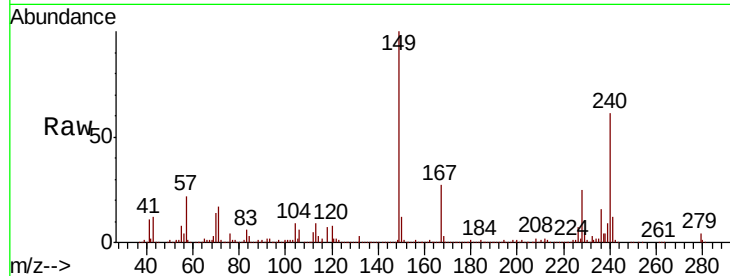




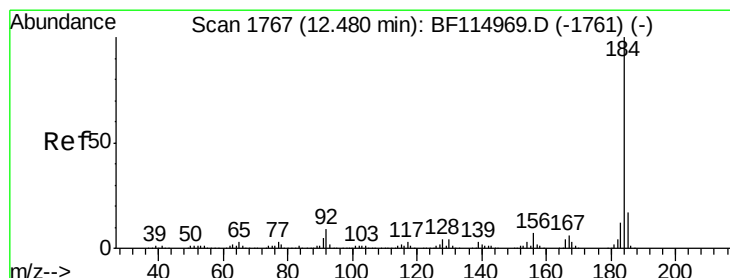
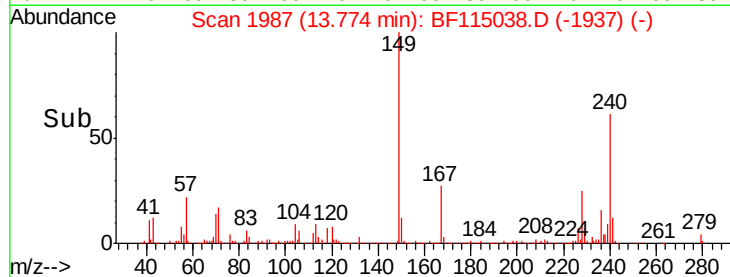
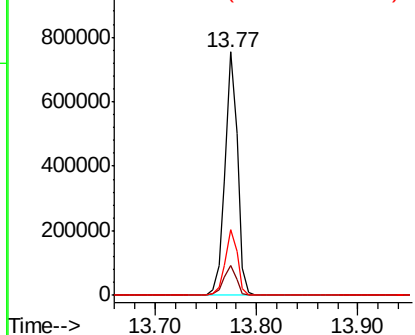
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 644914
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.0 15.0
 236 26.9 21.6 32.4

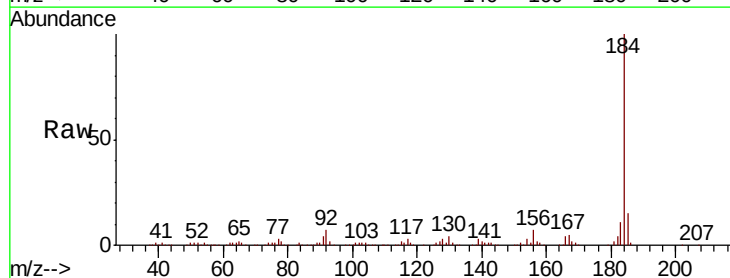


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

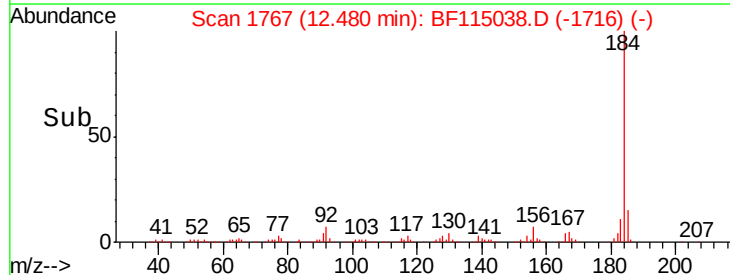
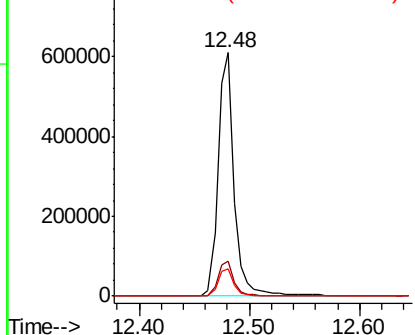


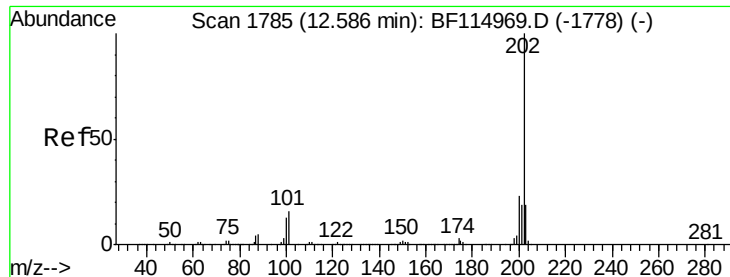
#77
 Benzidine
 Concen: 23.516 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

Tgt Ion:184 Resp: 613428
 Ion Ratio Lower Upper
 184 100
 185 14.6 13.4 20.0
 183 11.5 9.8 14.6



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

Pvrene

Concen: 33.320 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

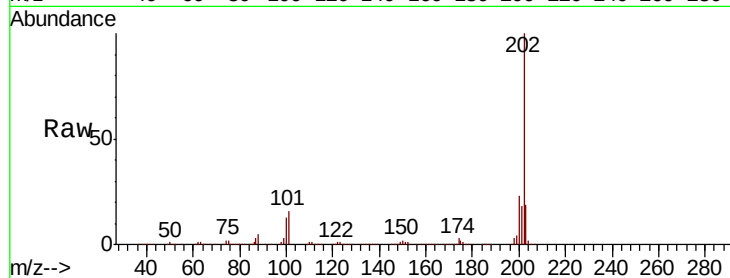
Tot Ion:202 Resp: 1957560

Ion Ratio Lower Upper

202 100

200 22.9 18.4 27.6

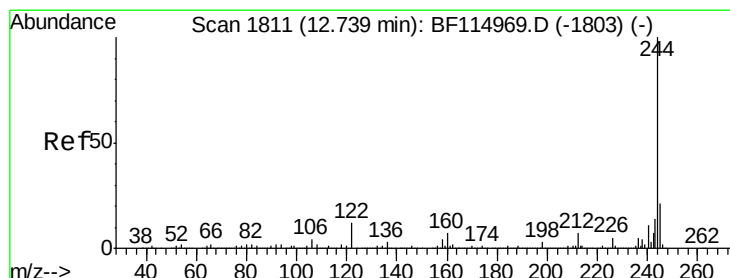
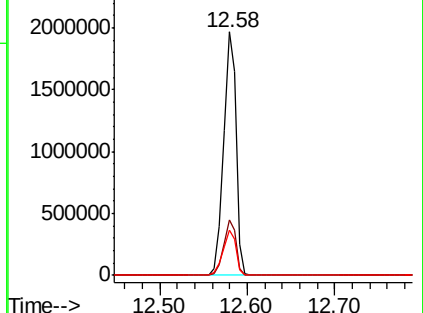
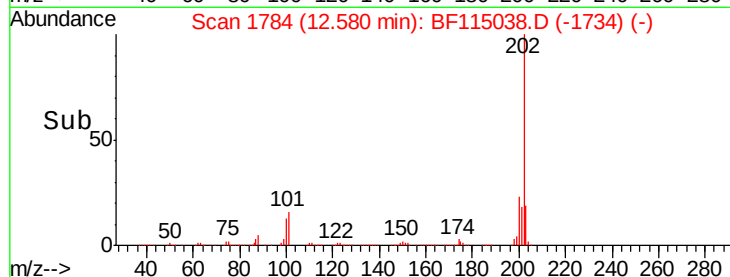
203 18.8 14.9 22.3



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: 66.797 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

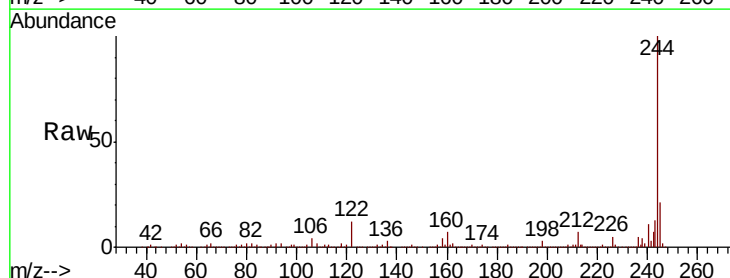
Tgt Ion:244 Resp: 2290340

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

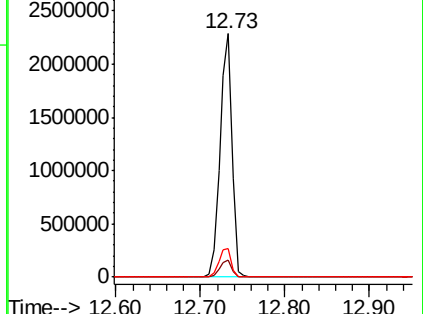
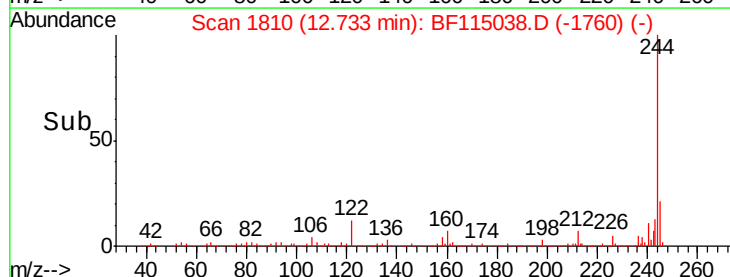
122 12.0 9.4 14.0

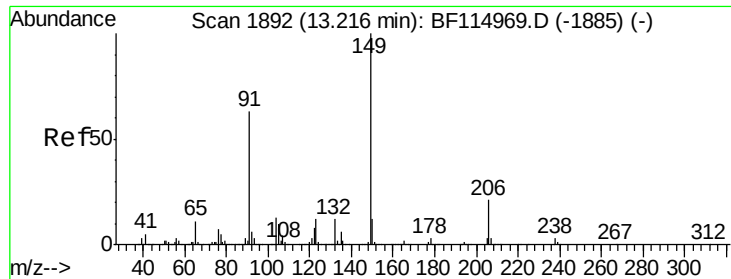


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

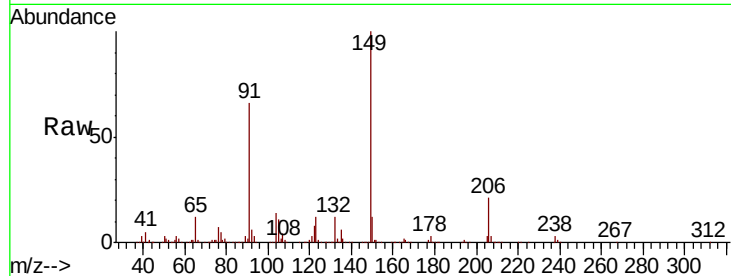




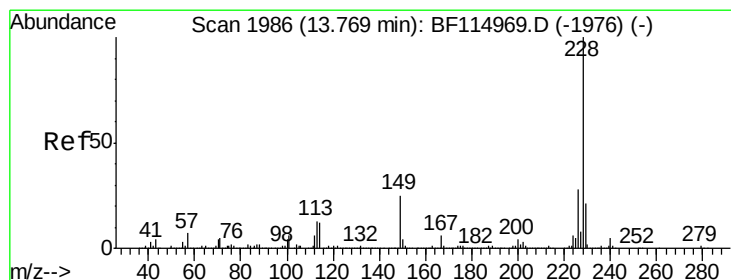
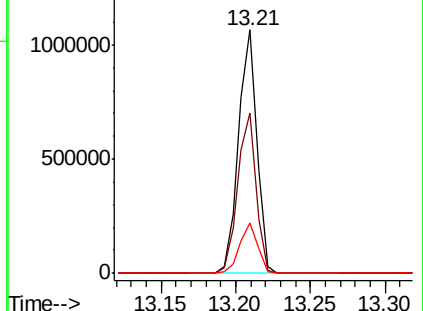
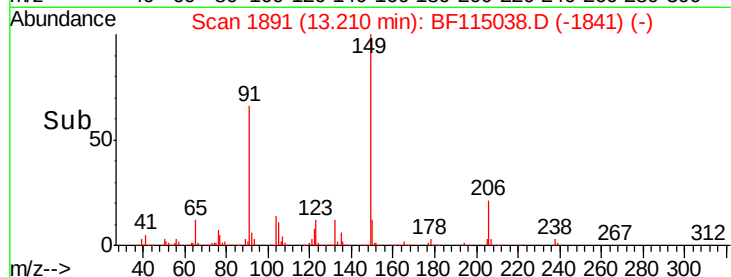
#80
Butylbenzylphthalate
Concen: 33.613 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	50.6	76.0
206	20.6	16.7	25.1

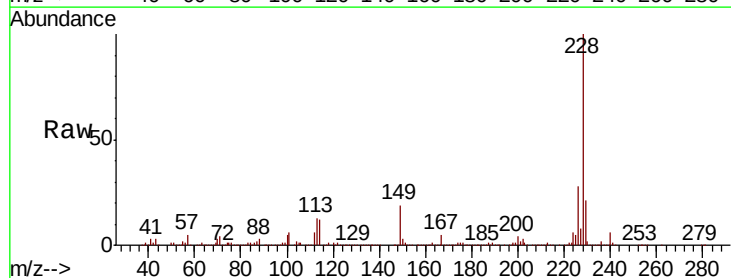


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

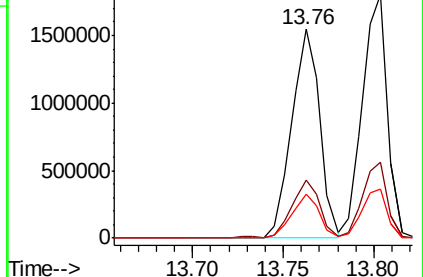
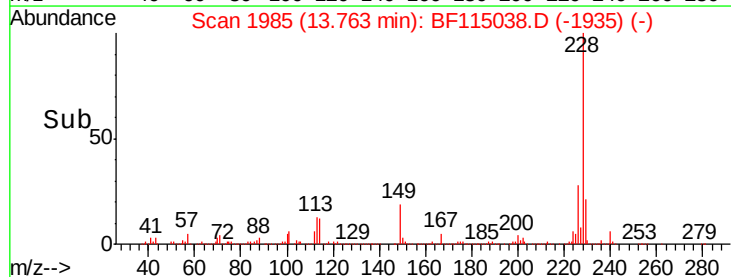


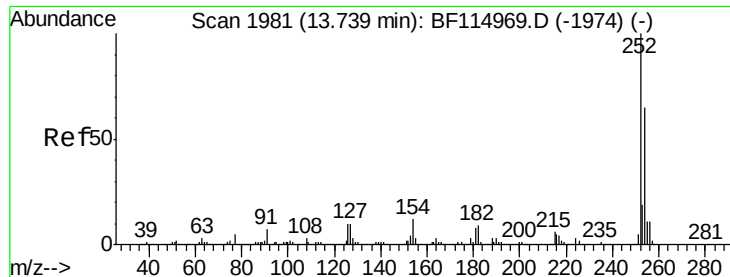
#81
Benzo(a)anthracene
Concen: 34.685 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	20.8	16.6	25.0



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: 29.238 ng

RT: 13.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

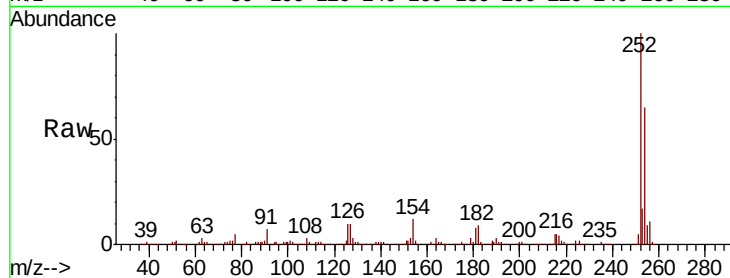
Tot Ion:252 Resp: 540971

Ion Ratio Lower Upper

252 100

254 65.4 52.2 78.4

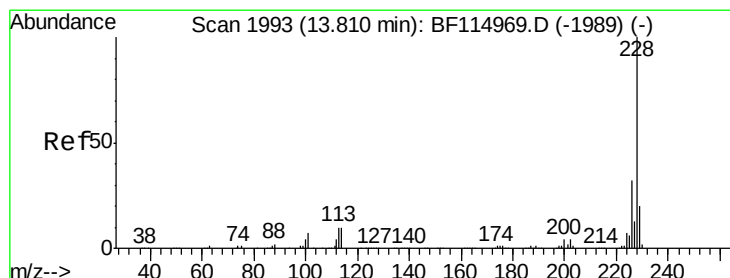
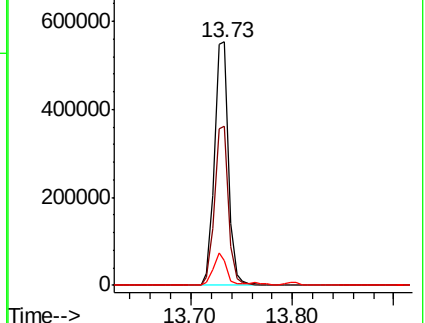
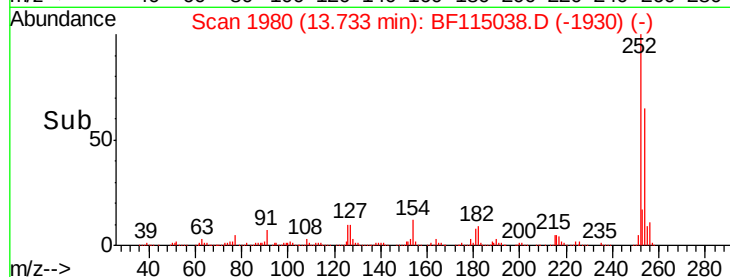
126 10.0 8.0 12.0



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

Chrysene

Concen: 36.150 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

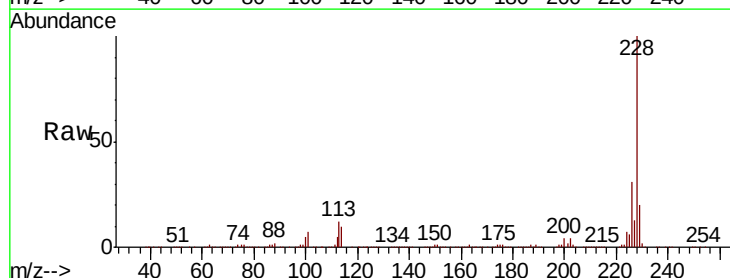
Tgt Ion:228 Resp: 1734835

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

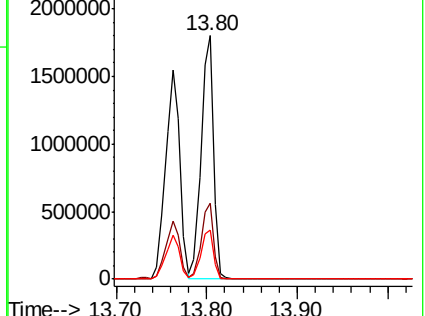
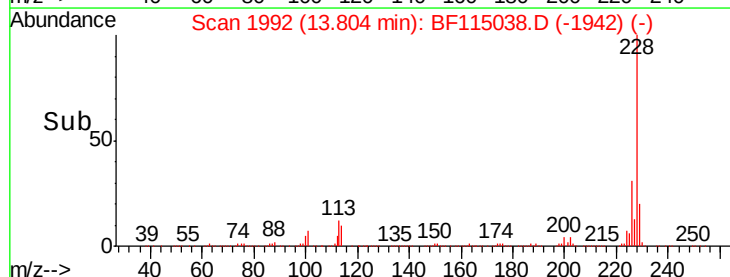
229 20.4 16.4 24.6

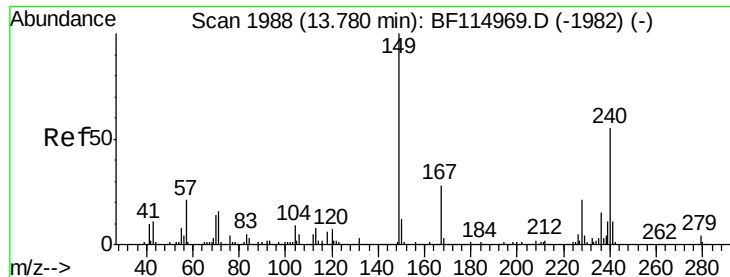


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 34.420 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

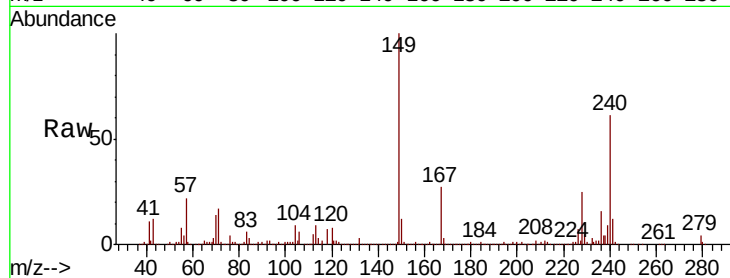
Tot Ion:149 Resp: 1116325

Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.4

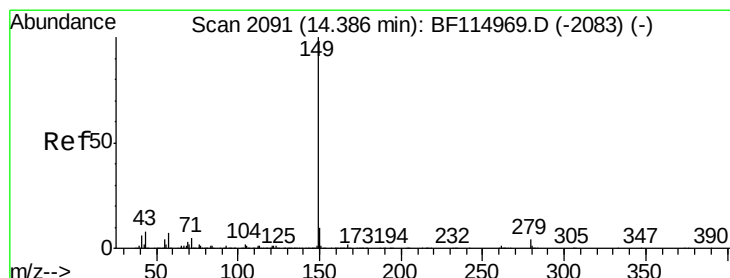
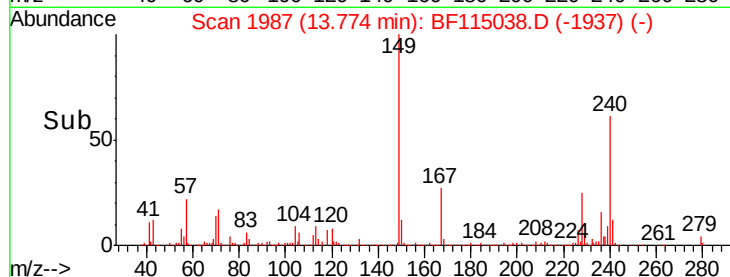
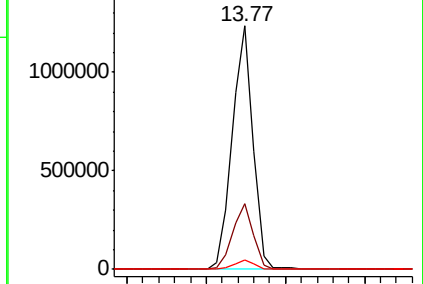
279 4.0 3.4 5.0



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: 36.284 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

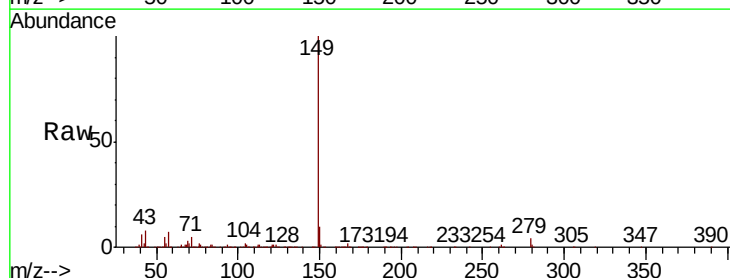
Tgt Ion:149 Resp: 2026432

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

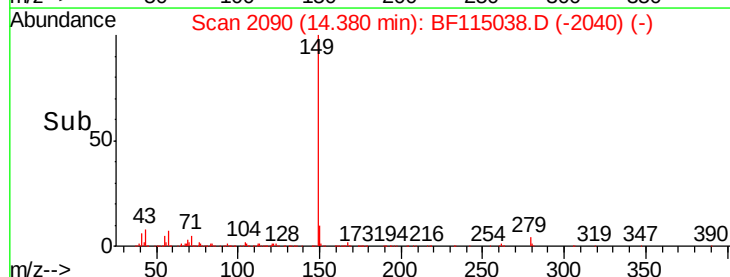
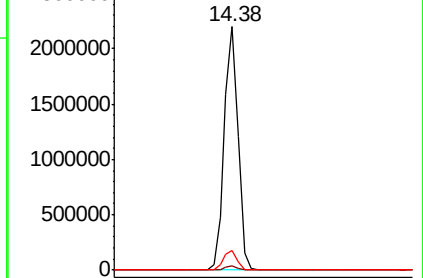
43 7.8 6.5 9.7

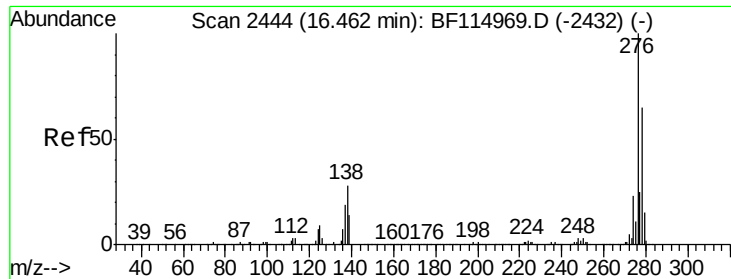


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



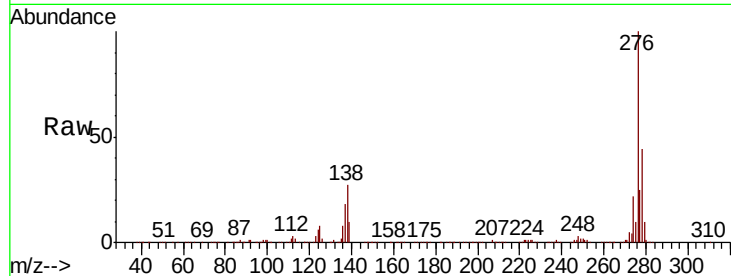


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 34.032 ng
 RT: 16.45 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

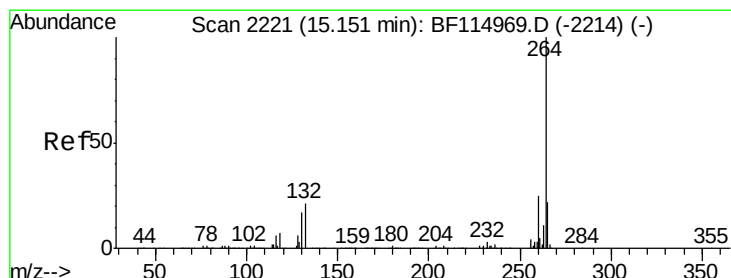
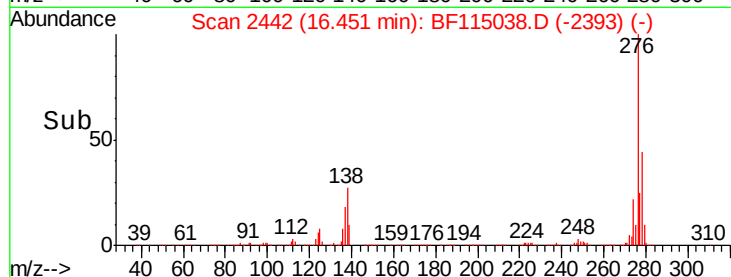
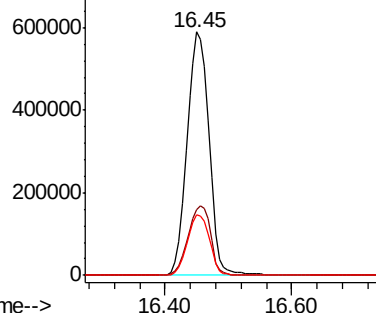
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1434631

Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.0	34.4
277	25.3	20.6	30.8



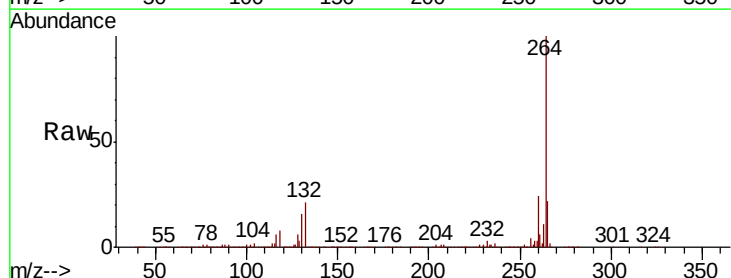
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



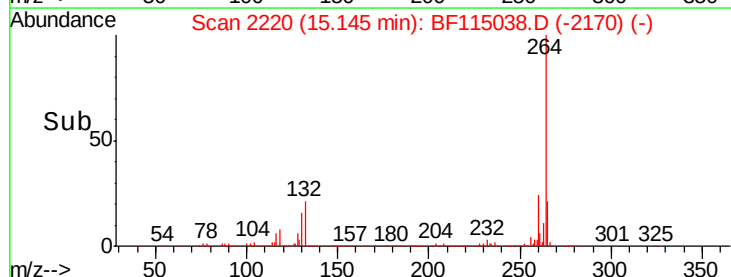
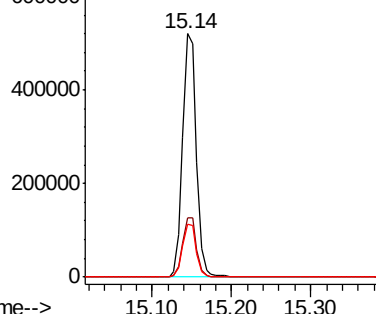
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115038.D
 Acq: 14 Jun 2019 14:29

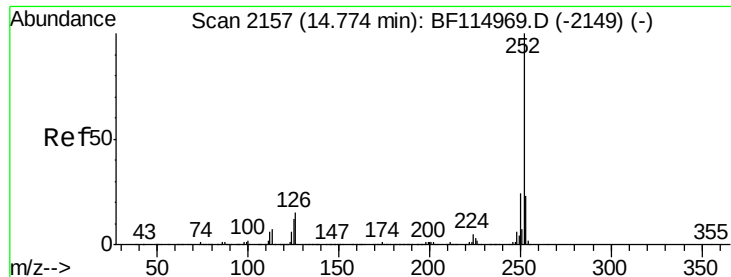
Tgt Ion:264 Resp: 624794

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.6	17.6	26.4



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

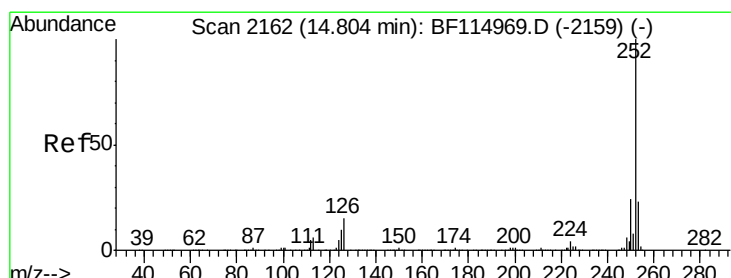
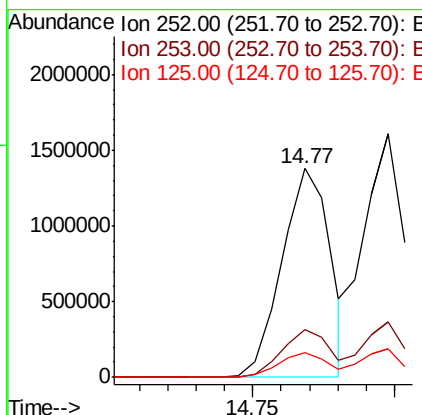
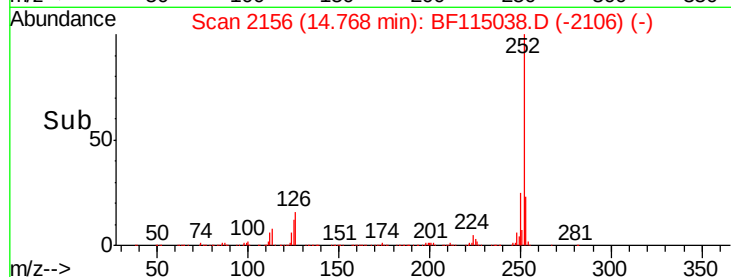
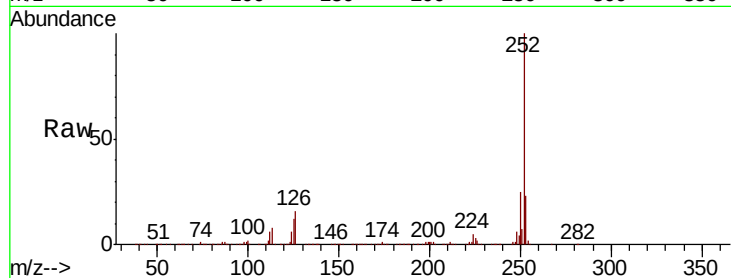




#88
Benzo(b)fluoranthene
Concen: 39.378 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

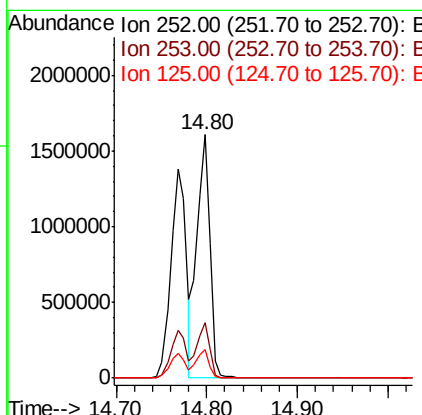
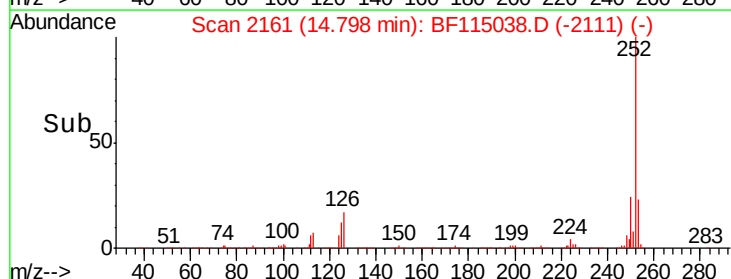
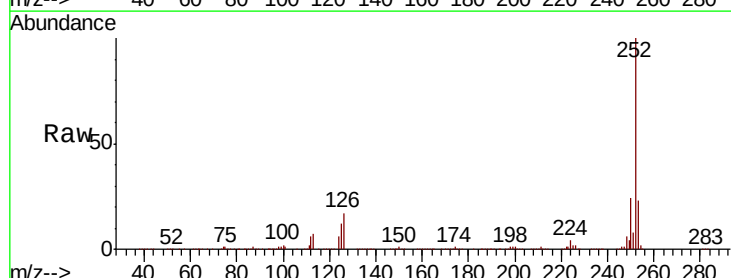
Instrument :
BNA_F
ClientSampleId :

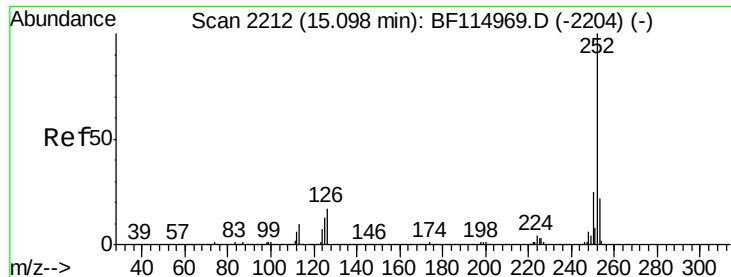
Tot Ion:252 Resp: 1635527
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 12.1 9.4 14.0



#89
Benzo(k)fluoranthene
Concen: 44.032 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion:252 Resp: 1605245
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.7 8.2 12.4

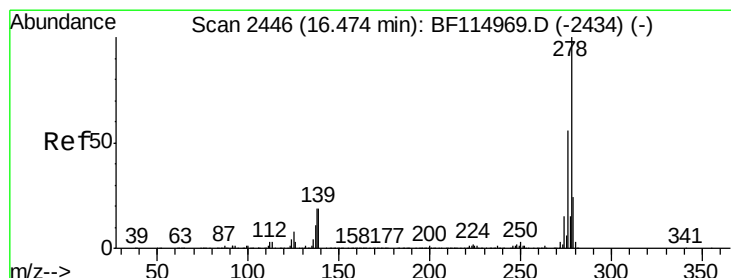
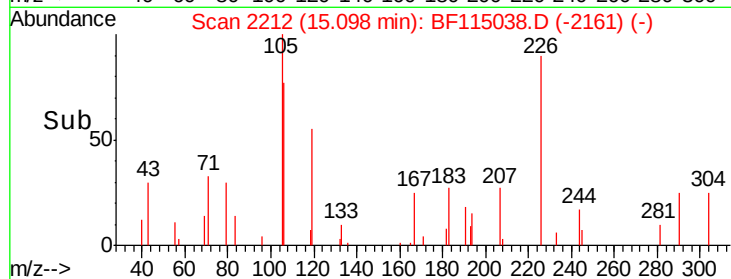
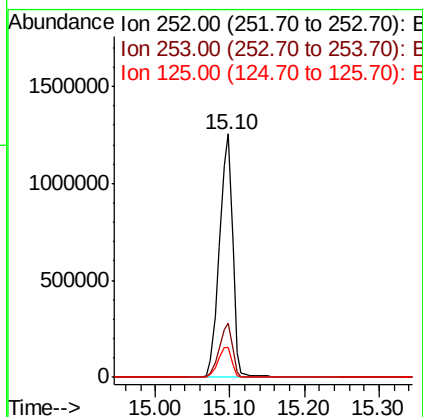
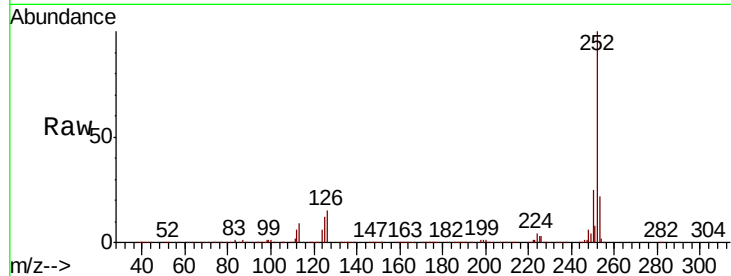




#90
Benzo(a)pyrene
Concen: 42.654 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

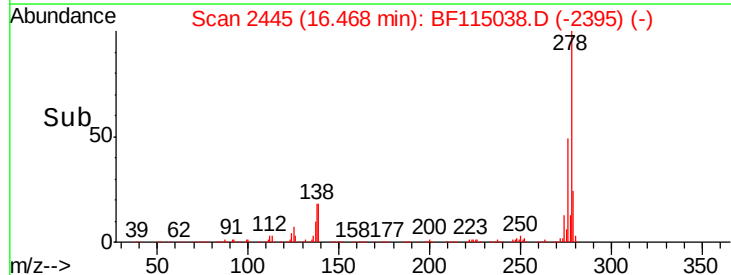
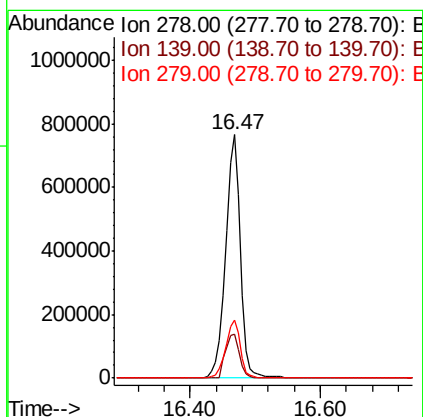
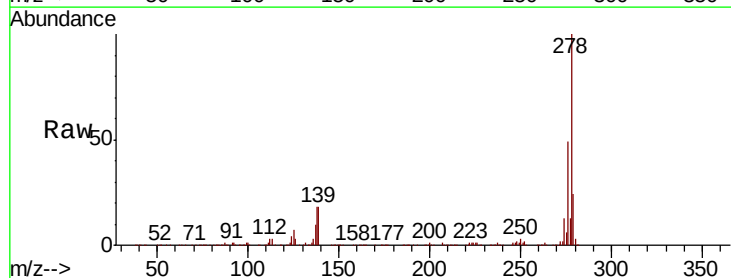
Instrument :
BNA_F
ClientSampleId :

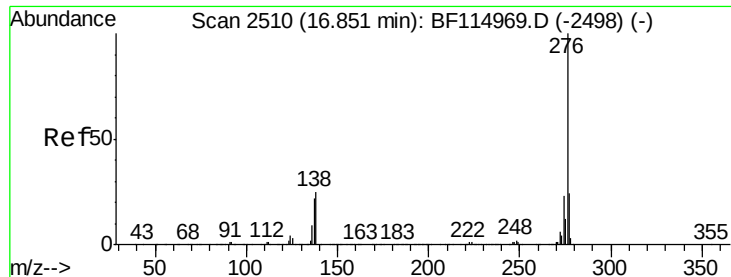
Tot Ion:252 Resp: 1528685
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.3 10.7 16.1



#91
Dibenzo(a,h)anthracene
Concen: 38.874 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BF115038.D
Acq: 14 Jun 2019 14:29

Tgt Ion:278 Resp: 1199847
Ion Ratio Lower Upper
278 100
139 18.2 15.3 22.9
279 23.9 19.2 28.8





#92

Benzo(a,h,i)perylene

Concen: 37.104 ng

RT: 16.84 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BF115038.D

Acq: 14 Jun 2019 14:29

Instrument :

BNA_F

ClientSampleId :

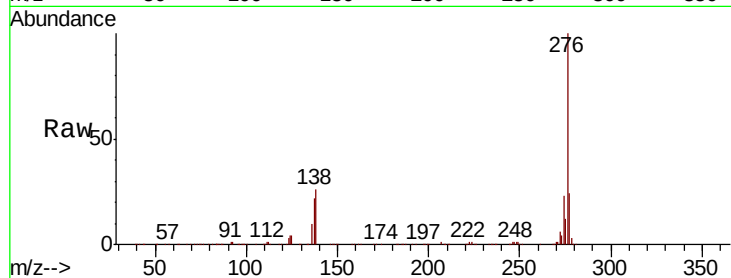
Tot Ion:276 Resp: 1167922

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 25.6 20.2 30.4



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

