

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115560.D
 Acq On : 15 Jul 2019 16:59
 Operator : HP/JU
 Sample : PB121224BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Quant Time: Jul 16 03:29:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172091	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	694426	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	347523	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	640952	20.00	ng	0.00
76) Chrysene-d12	14.04	240	437310	20.00	ng	-0.01
87) Perylene-d12	15.50	264	389252	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1359421	129.21	ng	0.01
7) Phenol-d6	6.52	99	1731429	129.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	1102241	92.29	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	524491	129.30	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2053886	103.44	ng	-0.01
79) Terphenyl-d14	12.99	244	2126838	89.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	225139	42.900	ng	99
3) Pyridine	3.53	79	585375	41.112	ng	100
4) n-Nitrosodimethylamine	3.48	42	227020	43.950	ng	96
6) Aniline	6.55	93	636737	34.274	ng	98
8) 2-Chlorophenol	6.67	128	551801	45.618	ng	94
9) Benzaldehyde	6.43	77	396176	47.490	ng	100
10) Phenol	6.53	94	684606	44.176	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	522321	44.269	ng	99
12) 1,3-Dichlorobenzene	6.83	146	595900	43.817	ng	99
13) 1,4-Dichlorobenzene	6.90	146	608376	44.835	ng	98
14) 1,2-Dichlorobenzene	7.06	146	562261	45.329	ng	95
15) Benzyl Alcohol	7.02	79	502112	47.413	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	687903	44.285	ng	98
17) 2-Methylphenol	7.13	107	479884	46.035	ng	99
18) Hexachloroethane	7.40	117	221580	43.995	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	381564	43.825	ng	99
20) 3+4-Methylphenols	7.28	107	563031	45.472	ng	94
22) Acetophenone	7.29	105	758656	48.359	ng	# 91
24) Nitrobenzene	7.46	77	610848	47.422	ng	99
25) Isophorone	7.70	82	1122531	46.973	ng	100
26) 2-Nitrophenol	7.77	139	319743	48.225	ng	98
27) 2,4-Dimethylphenol	7.82	122	535283	53.958	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	683407	46.615	ng	98
29) 2,4-Dichlorophenol	8.02	162	500158	48.478	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	546759	46.883	ng	99
31) Naphthalene	8.19	128	1640934	48.792	ng	97
32) Benzoic acid	7.95	122	377599	46.381	ng	99
33) 4-Chloroaniline	8.23	127	420349	28.217	ng	98
34) Hexachlorobutadiene	8.31	225	304531	45.536	ng	99
35) Caprolactam	8.60	113	159951m	50.171	ng	
36) 4-Chloro-3-methylphenol	8.71	107	523981	48.961	ng	98
37) 2-Methylnaphthalene	8.88	142	1109700	49.778	ng	97
38) 1-Methylnaphthalene	8.97	142	1036473	48.948	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	498838	47.667	ng	97

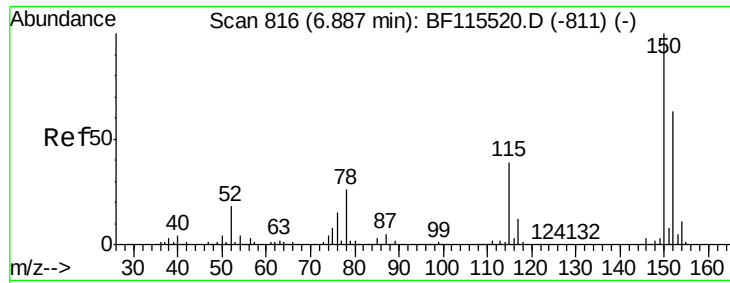
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115560.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	499250	83.630	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	373443	48.796	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	370755	47.305	ng	98
46) 1,1'-Biphenyl	9.34	154	1337429	49.226	ng	97
47) 2-Chloronaphthalene	9.37	162	1052039	46.504	ng	97
48) 2-Nitroaniline	9.46	65	317739	45.379	ng	98
49) Acenaphthylene	9.78	152	1613491	48.134	ng	97
50) Dimethylphthalate	9.65	163	1213612	46.416	ng	99
51) 2,6-Dinitrotoluene	9.70	165	280531	47.212	ng	99
52) Acenaphthene	9.96	154	1131385	52.278	ng	99
53) 3-Nitroaniline	9.87	138	198379	29.215	ng	94
54) 2,4-Dinitrophenol	9.97	184	308987	101.283	ng	99
55) Dibenzofuran	10.13	168	1464761	47.660	ng	99
56) 4-Nitrophenol	10.03	139	512362	98.952	ng	99
57) 2,4-Dinitrotoluene	10.10	165	381993	49.621	ng	96
58) Fluorene	10.47	166	1011937	46.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	320742	48.955	ng	99
60) Diethylphthalate	10.35	149	1158694	47.297	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	523257	42.946	ng	94
62) 4-Nitroaniline	10.49	138	289435	44.438	ng	98
63) Azobenzene	10.62	77	1085745	45.692	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	196613	50.208	ng	93
66) n-Nitrosodiphenylamine	10.58	169	945228	47.409	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	339543	46.357	ng	96
68) Hexachlorobenzene	11.02	284	384788	46.002	ng	97
69) Atrazine	11.10	200	307262	46.977	ng	100
70) Pentachlorophenol	11.21	266	457503	89.426	ng	99
71) Phenanthrene	11.43	178	1545086	47.028	ng	98
72) Anthracene	11.48	178	1608979	47.387	ng	99
73) Carbazole	11.63	167	1388926	46.647	ng	100
74) Di-n-butylphthalate	11.96	149	1675551	45.685	ng	99
75) Fluoranthene	12.62	202	1601704	46.134	ng	98
77) Benzidine	12.73	184	878689	56.720	ng	99
78) Pyrene	12.84	202	1707706	46.091	ng	98
80) Butylbenzylphthalate	13.46	149	722973	45.774	ng	96
81) Benzo(a)anthracene	14.03	228	1322846	45.916	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	385806	37.670	ng	99
83) Chrysene	14.07	228	1335777	46.187	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	896322	45.814	ng	99
85) Di-n-octyl phthalate	14.63	149	1530475	49.166	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1098104	44.691	ng	100
88) Benzo(b)fluoranthene	15.08	252	1212551	48.377	ng	100
89) Benzo(k)fluoranthene	15.11	252	1207838	54.050	ng	99
90) Benzo(a)pyrene	15.45	252	1077249	50.005	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	923753	48.844	ng	99
92) Benzo(g,h,i)perylene	17.43	276	865793	45.902	ng	99

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

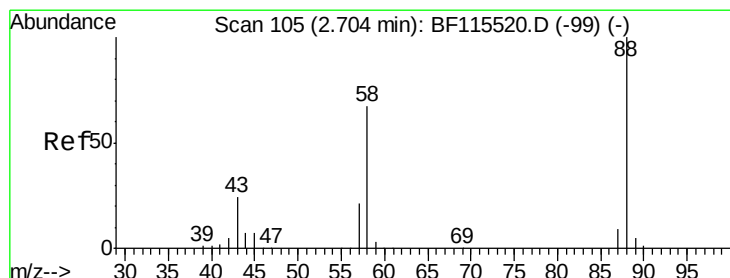
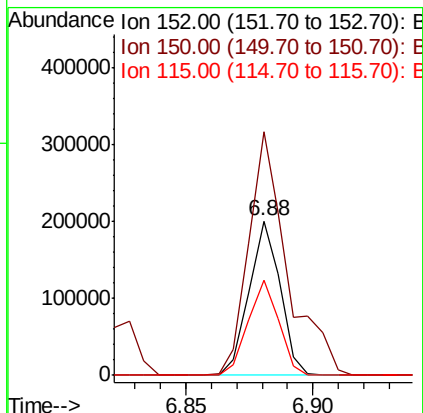
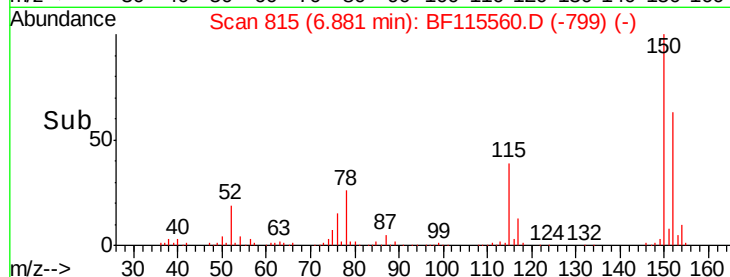
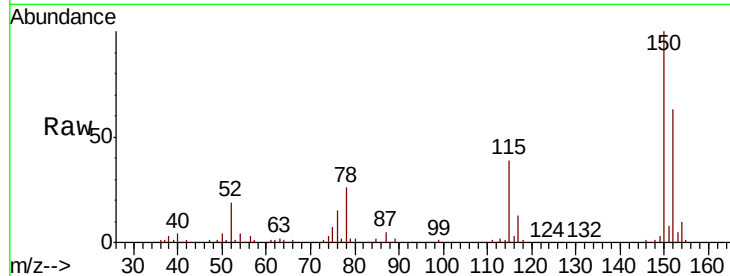


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

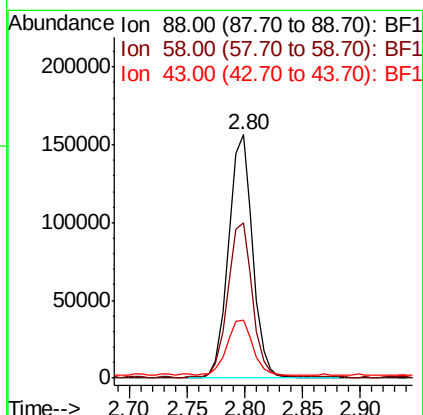
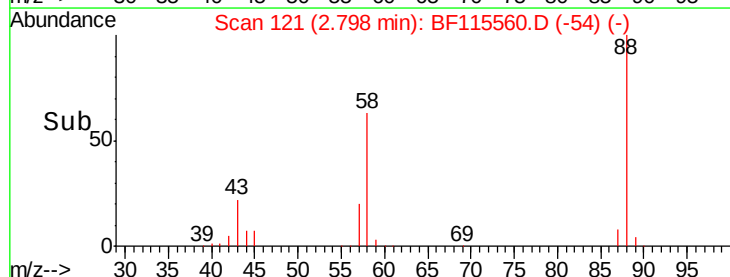
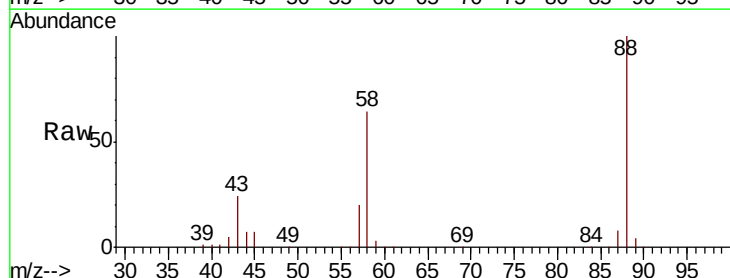
Tot Ion:152 Resp: 172091
Ion Ratio Lower Upper
152 100
150 157.8 129.7 194.5
115 61.9 48.2 72.4

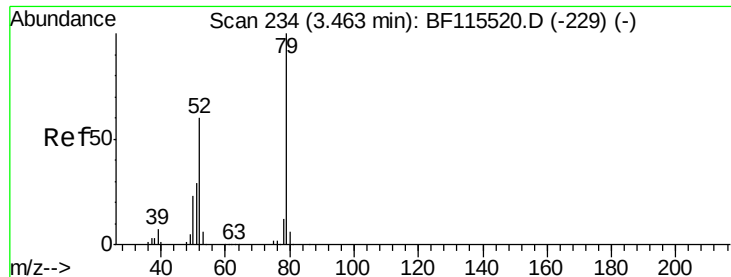


#2

1,4-Dioxane
Concen: 42.900 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.09 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion: 88 Resp: 225139
Ion Ratio Lower Upper
88 100
58 65.1 52.6 79.0
43 23.8 19.1 28.7





#3

Pvridine

Concen: 41.112 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

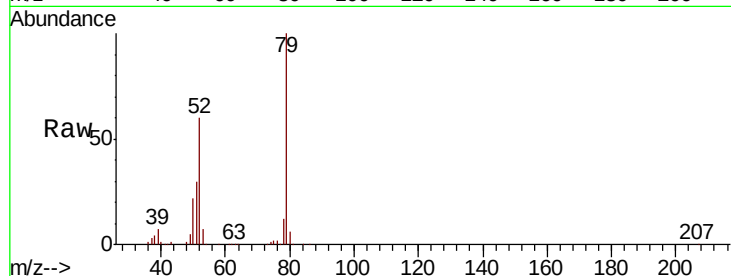
Tot Ion: 79 Resp: 585375

Ion Ratio Lower Upper

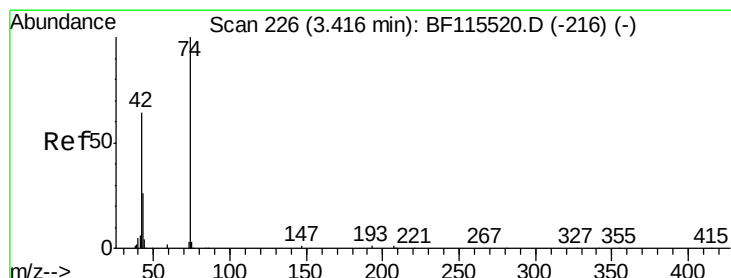
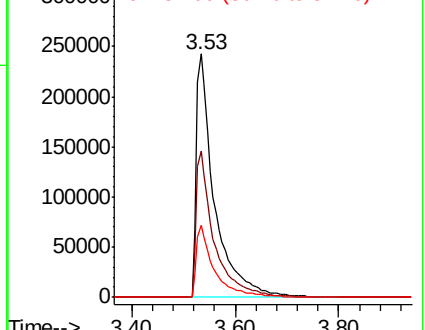
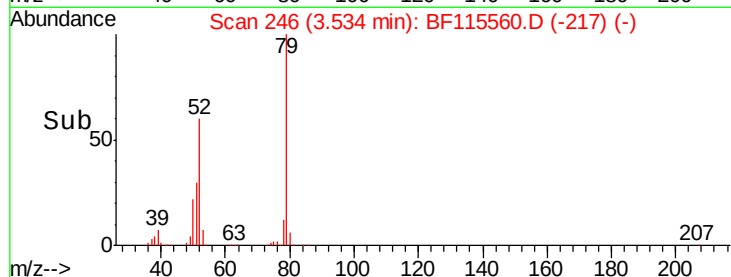
79 100

52 60.1 47.8 71.6

51 29.6 23.8 35.8



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: 43.950 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

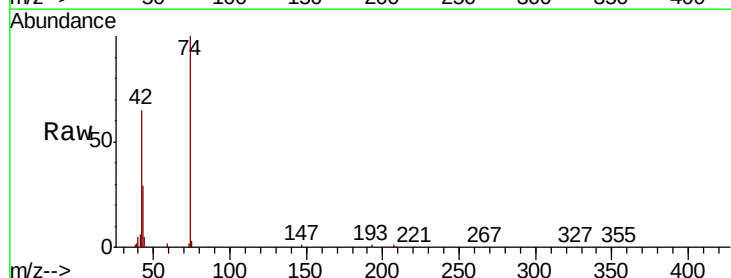
Tgt Ion: 42 Resp: 227020

Ion Ratio Lower Upper

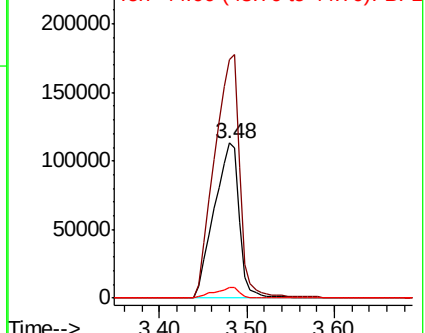
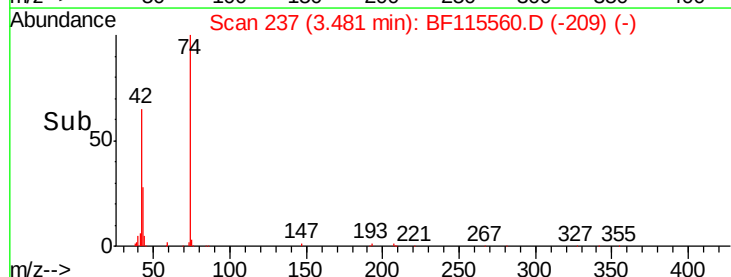
42 100

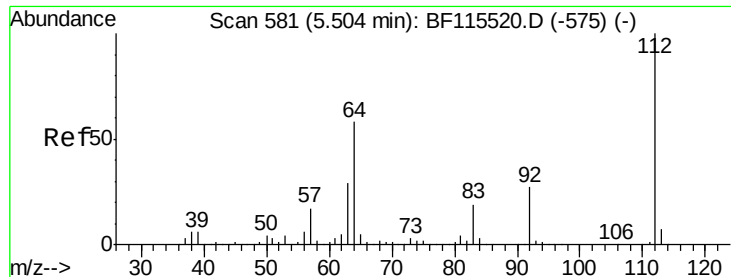
74 153.5 127.5 191.3

44 7.1 5.0 7.6



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





#5

2-Fluorophenol

Concen: 129.212 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

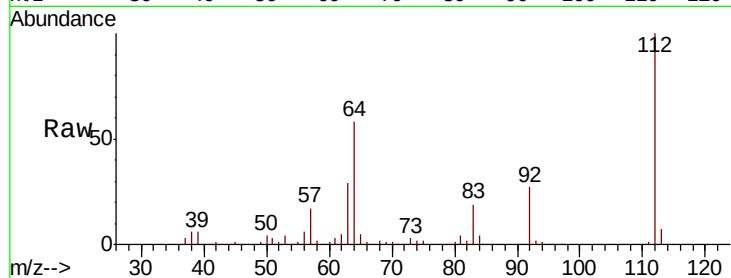
Tot Ion:112 Resp: 1359421

Ion Ratio Lower Upper

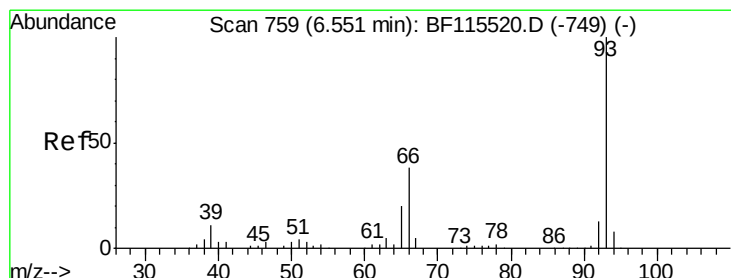
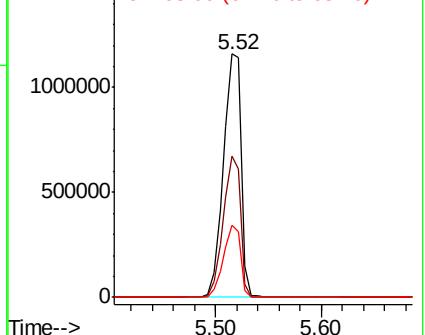
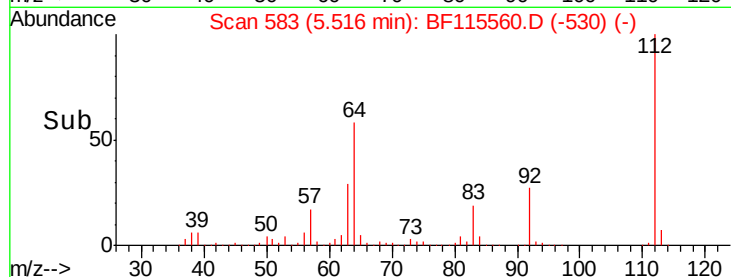
112 100

64 57.8 46.8 70.2

63 29.4 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.274 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

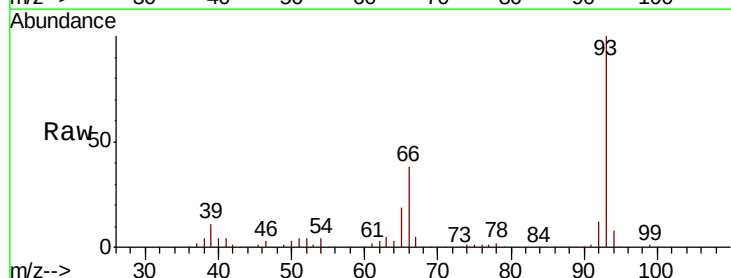
Tgt Ion: 93 Resp: 636737

Ion Ratio Lower Upper

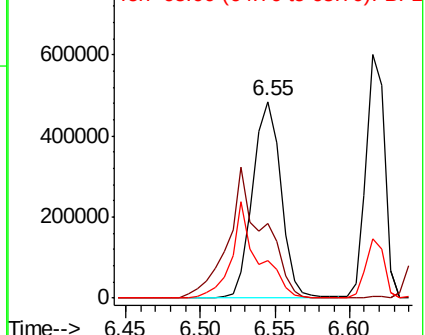
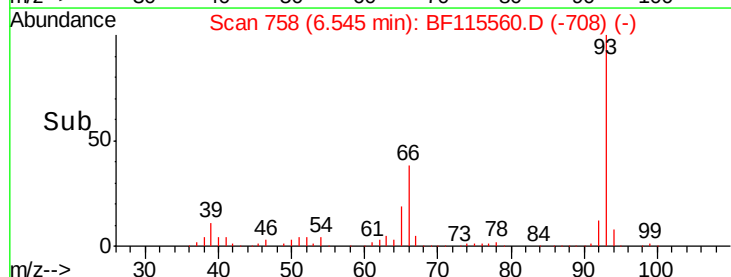
93 100

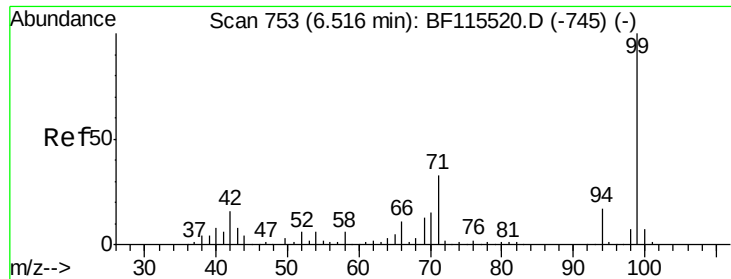
66 38.2 31.7 47.5

65 19.2 16.2 24.2



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: 129.697 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

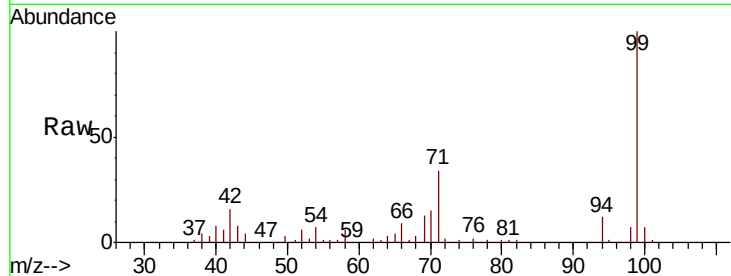
BNA_F

ClientSampleId :

PB121224BS

Tot Ion: 99 Resp: 1731429

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	34.2	28.5	42.7

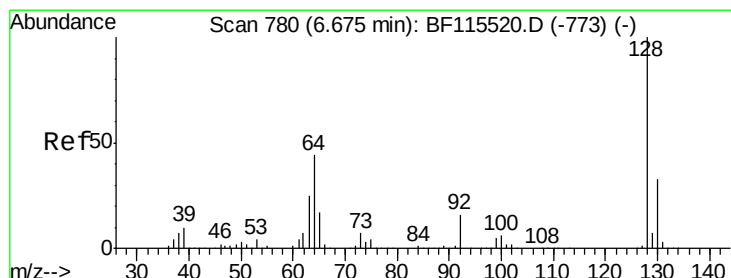
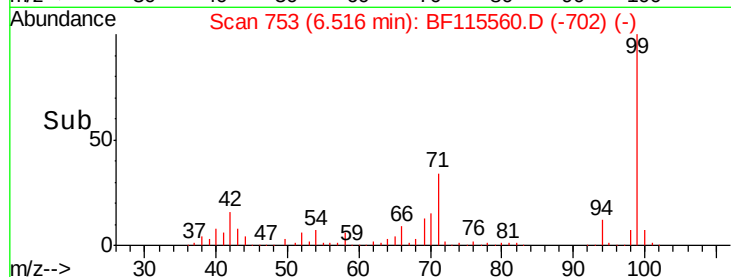
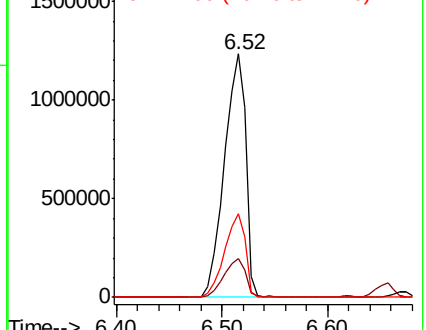


Abundance

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: 45.618 ng

RT: 6.67 min Scan# 780

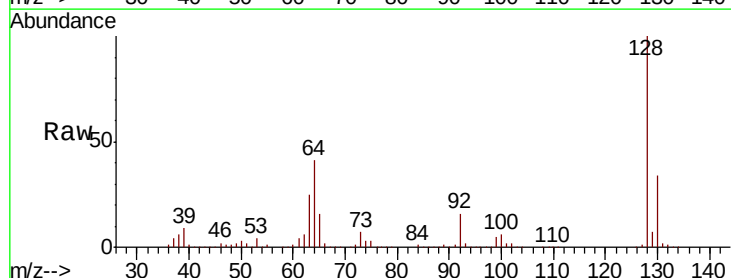
Delta R.T. -0.00 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Tgt Ion:128 Resp: 551801

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	40.8	26.8	66.8

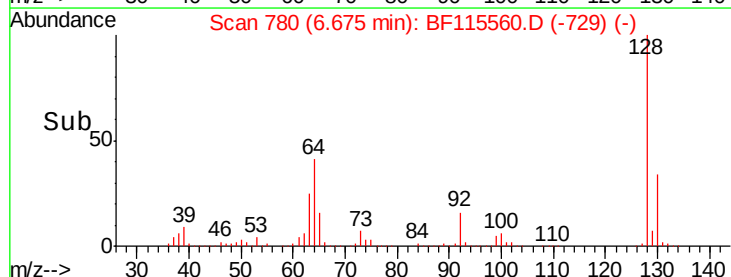
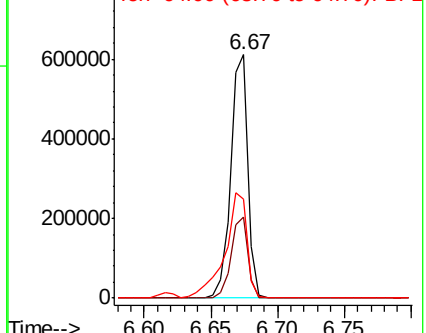


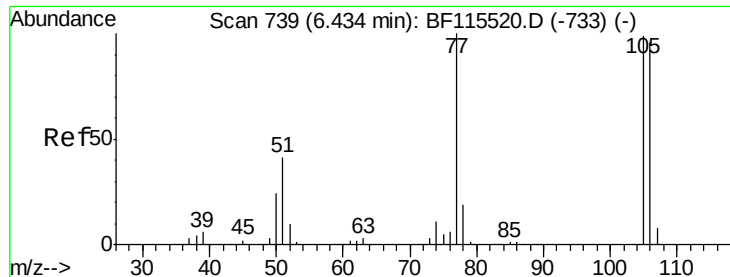
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.490 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

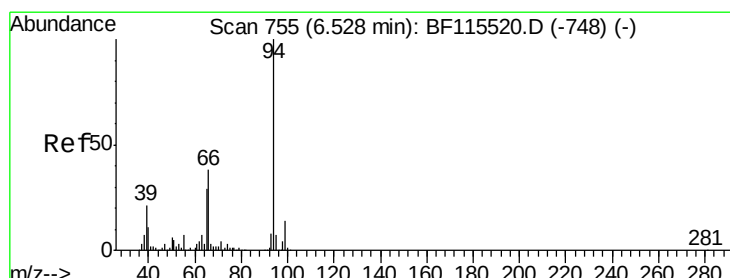
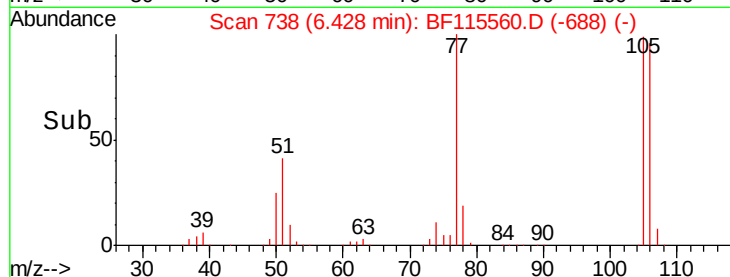
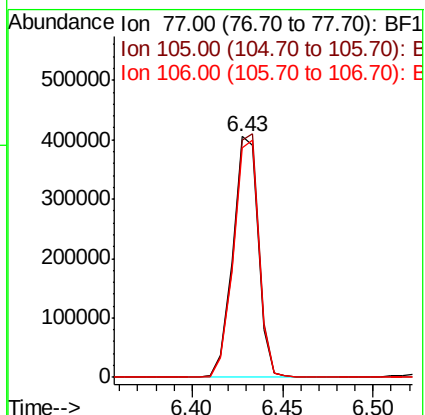
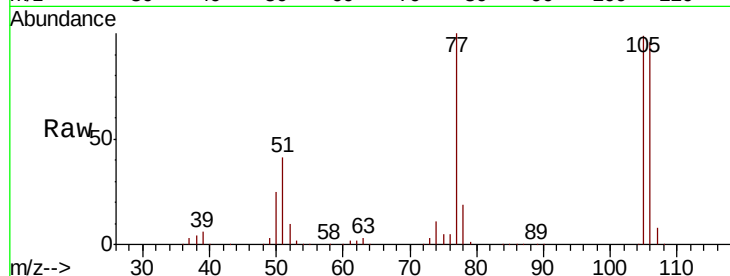
Tot Ion: 77 Resp: 396176

Ion Ratio Lower Upper

77 100

105 98.6 78.8 118.8

106 95.5 75.6 115.6



#10

Phenol

Concen: 44.176 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

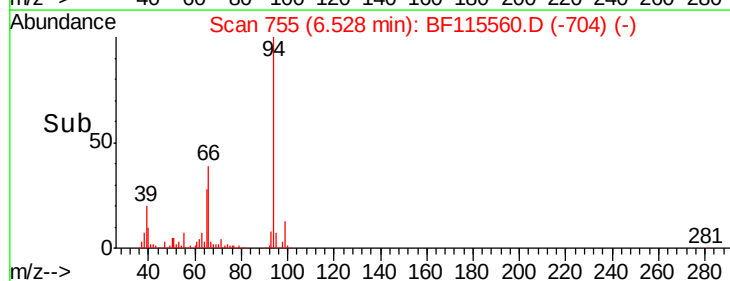
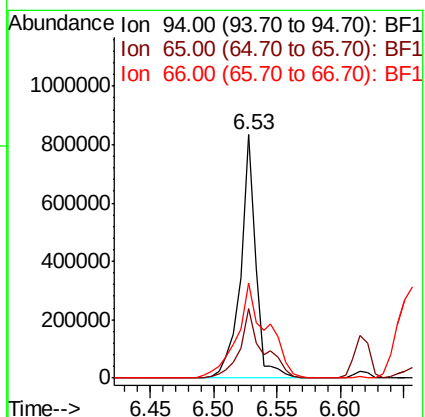
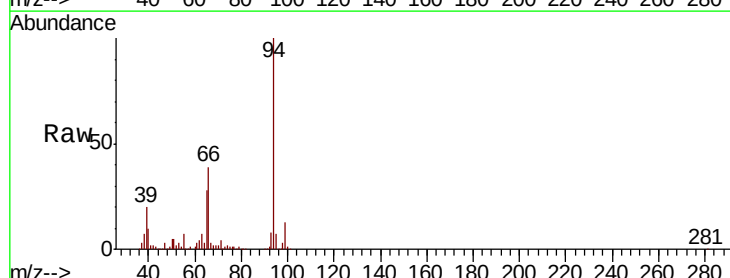
Tgt Ion: 94 Resp: 684606

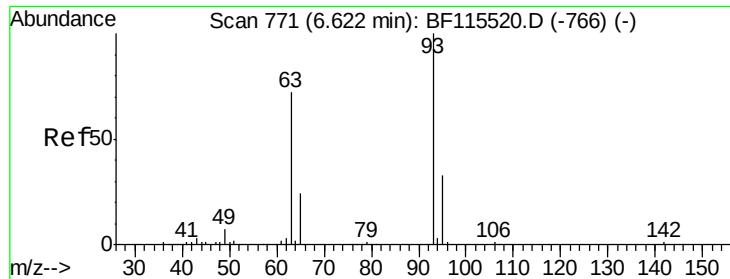
Ion Ratio Lower Upper

94 100

65 28.3 14.5 54.5

66 38.8 31.3 71.3

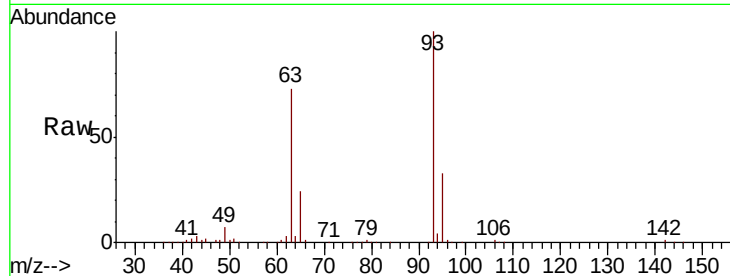




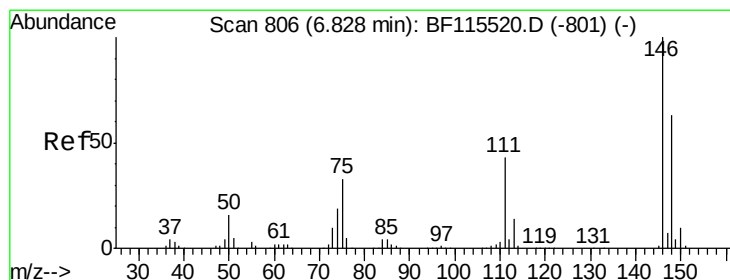
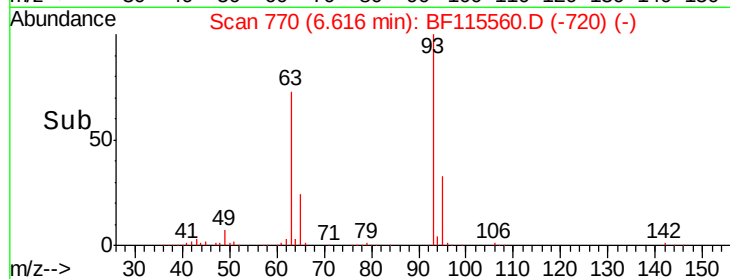
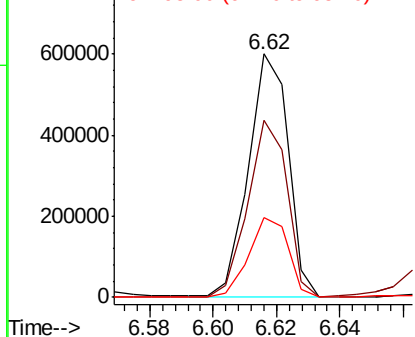
#11
bis(2-Chloroethyl)ether
Concen: 44.269 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion: 93 Resp: 522321
Ion Ratio Lower Upper
93 100
63 72.9 52.2 92.2
95 32.9 12.9 52.9

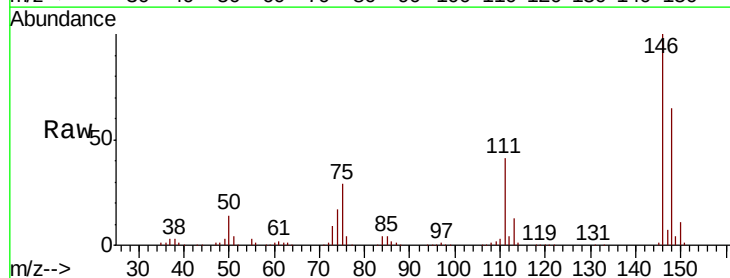


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

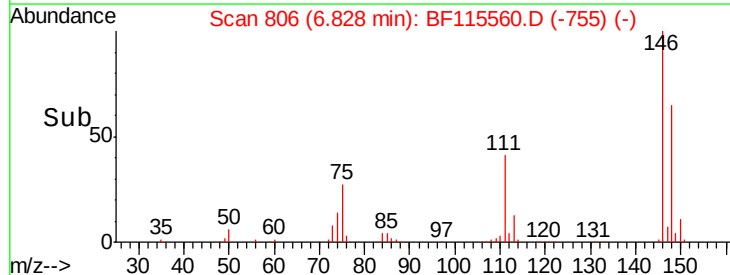
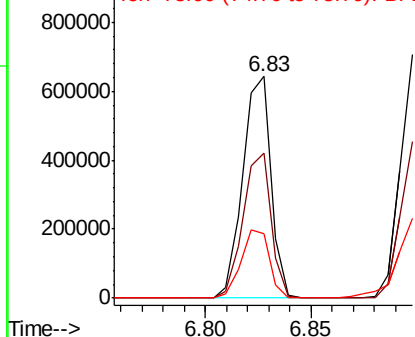


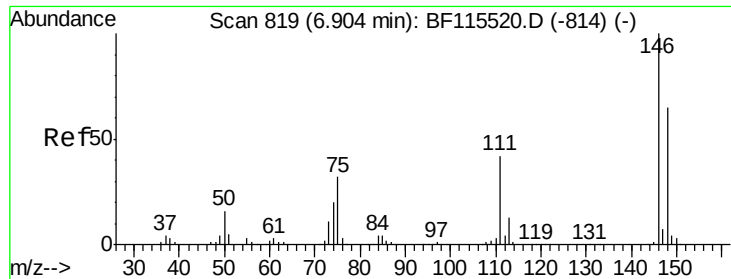
#12
1,3-Dichlorobenzene
Concen: 43.817 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion: 146 Resp: 595900
Ion Ratio Lower Upper
146 100
148 65.3 52.1 78.1
75 28.9 24.9 37.3



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

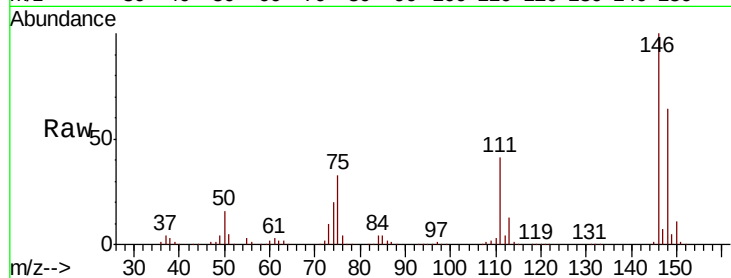




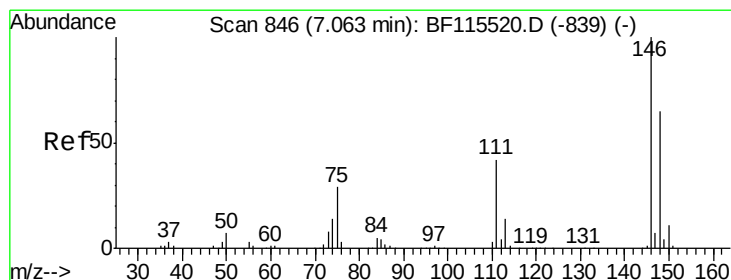
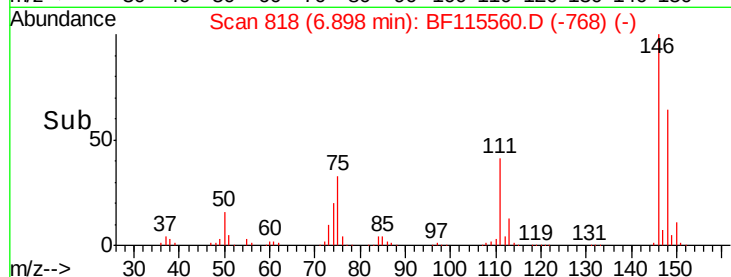
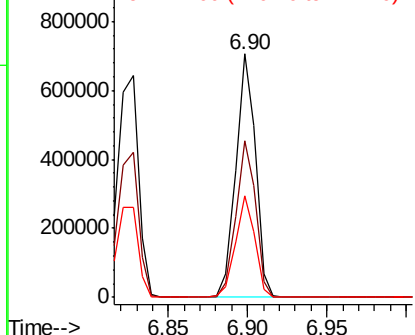
#13
 1,4-Dichlorobenzene
 Concen: 44.835 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion:146 Resp: 608376
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 41.5 35.5 53.3

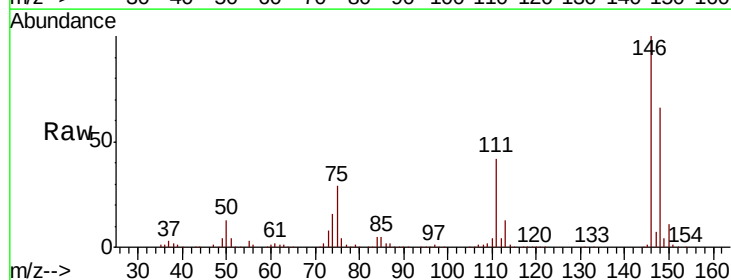


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

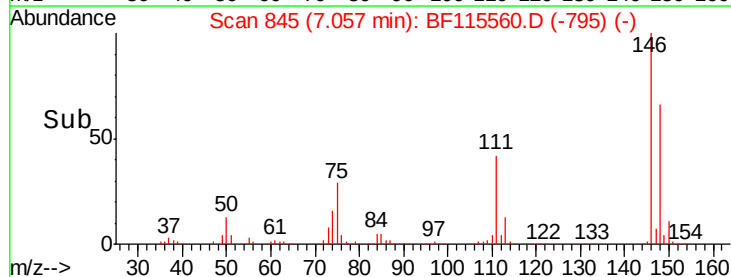
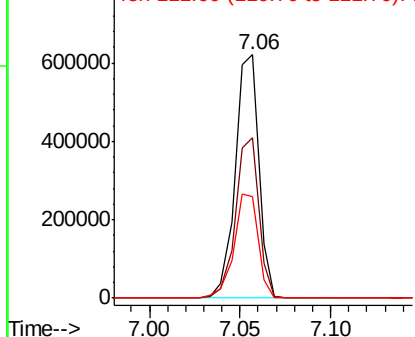


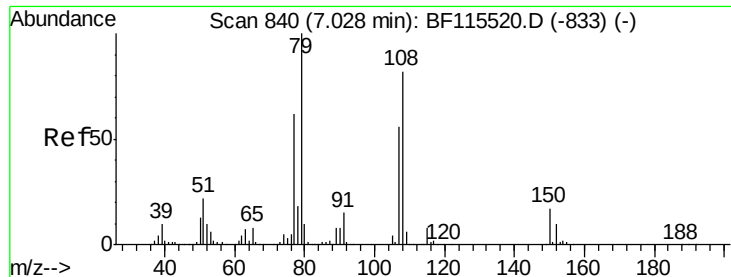
#14
 1,2-Dichlorobenzene
 Concen: 45.329 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Tgt Ion:146 Resp: 562261
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.1 76.7
 111 41.9 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 47.413 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleID :

PB121224BS

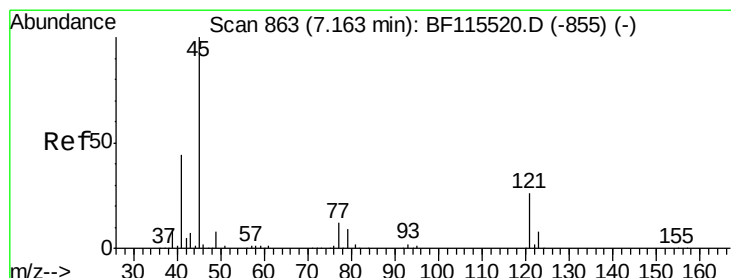
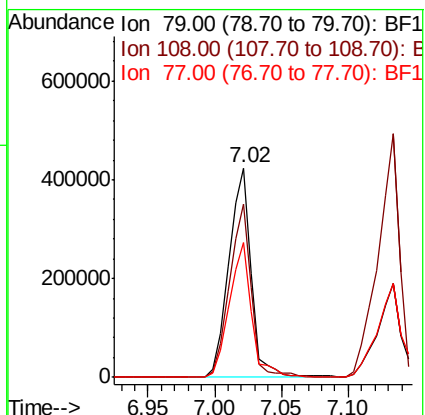
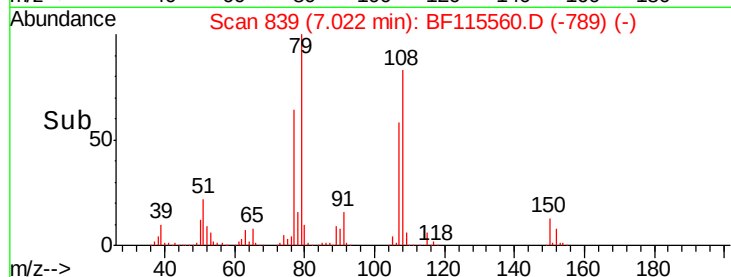
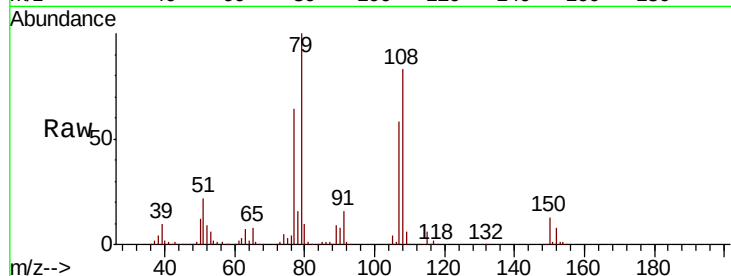
Tot Ion: 79 Resp: 502112

Ion Ratio Lower Upper

79 100

108 82.6 64.2 96.4

77 64.2 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.285 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

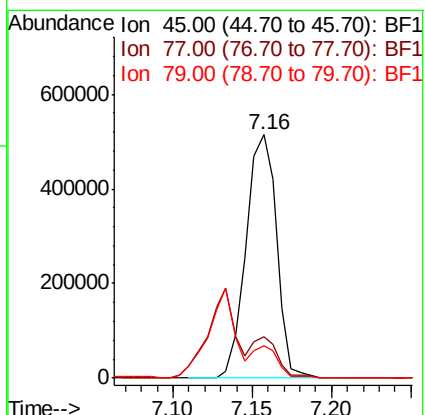
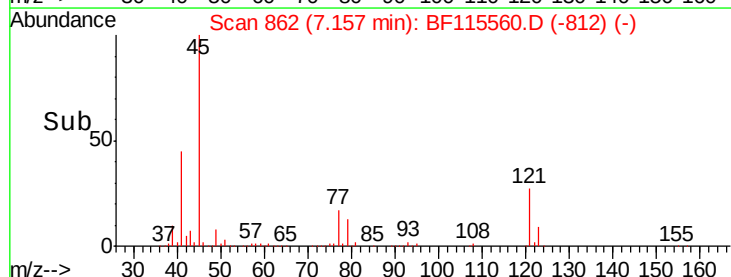
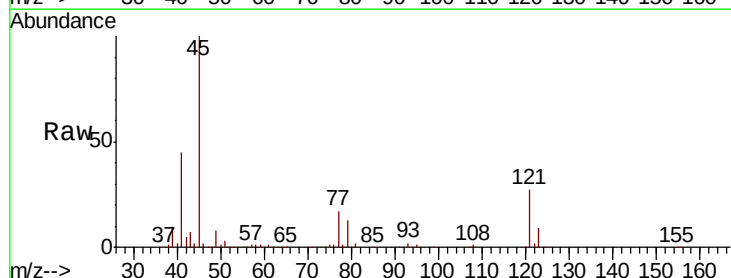
Tgt Ion: 45 Resp: 687903

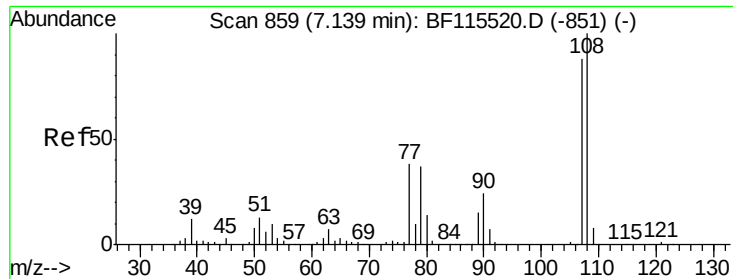
Ion Ratio Lower Upper

45 100

77 17.0 0.0 38.1

79 13.1 0.0 34.1

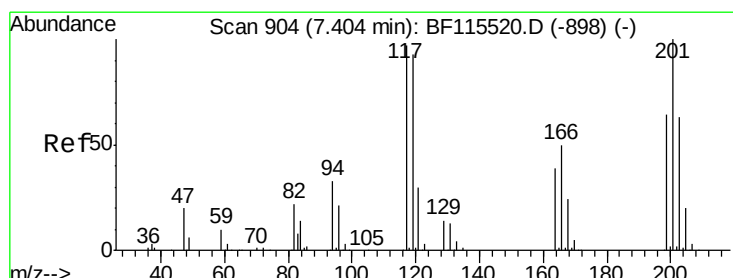
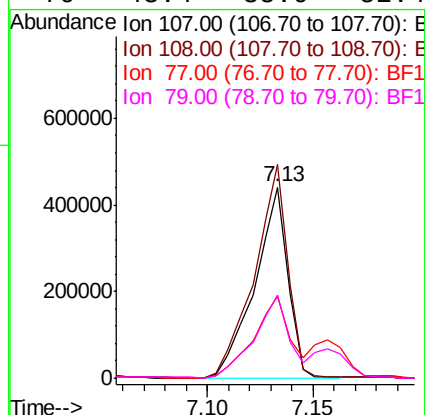
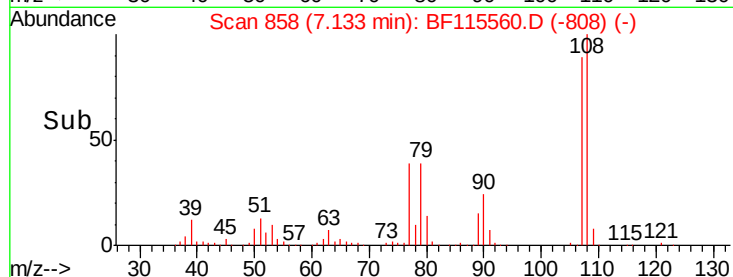
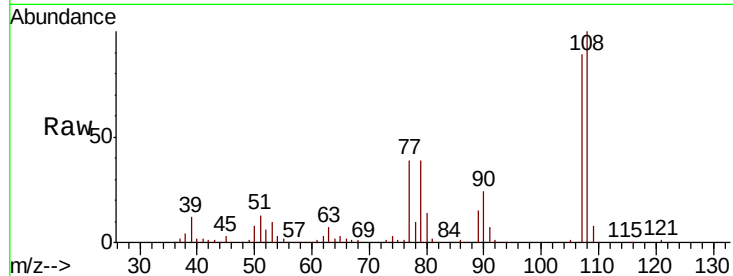




#17
2-Methylphenol
Concen: 46.035 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

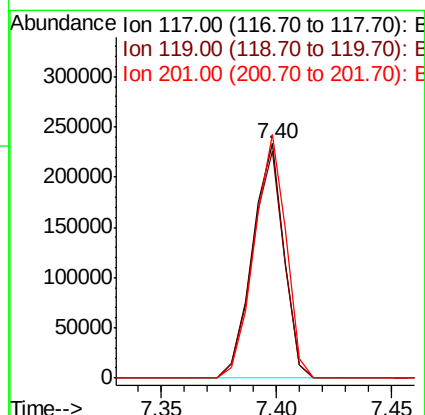
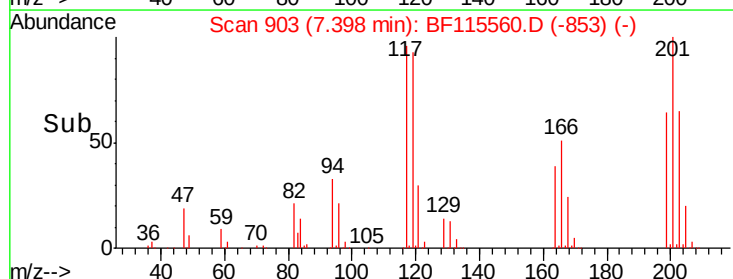
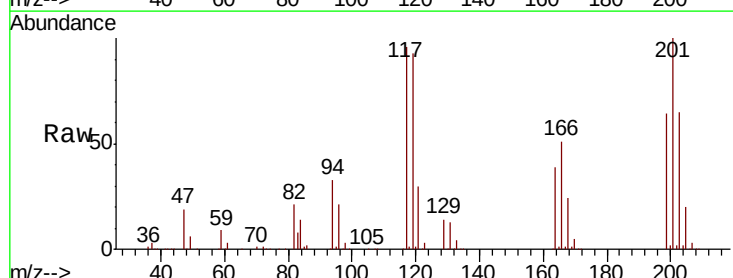
Instrument :
BNA_F
ClientSampleId :
PB121224BS

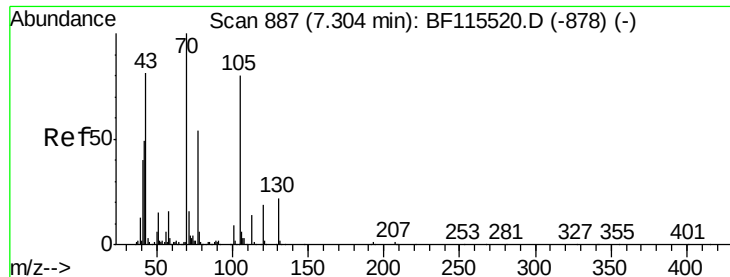
Tot Ion:107 Resp: 479884
Ion Ratio Lower Upper
107 100
108 112.0 89.4 134.2
77 43.2 35.7 53.5
79 43.4 35.0 52.4



#18
Hexachloroethane
Concen: 43.995 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:117 Resp: 221580
Ion Ratio Lower Upper
117 100
119 97.0 77.7 116.5
201 103.8 86.0 129.0

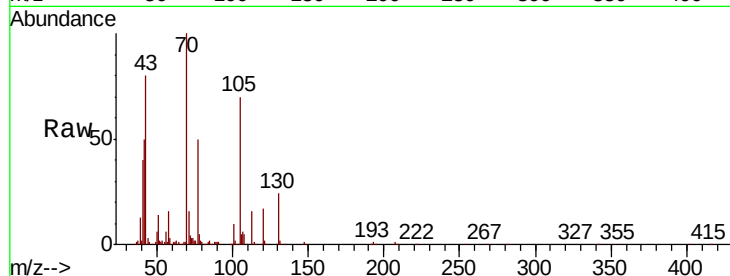




#19
n-Nitroso-di-n-propylamine
Concen: 43.825 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:	70	Resp:	381564
Ion	Ratio	Lower	Upper
70	100		
42	50.1	39.6	59.4
101	10.2	8.1	12.1
130	23.8	18.2	27.2



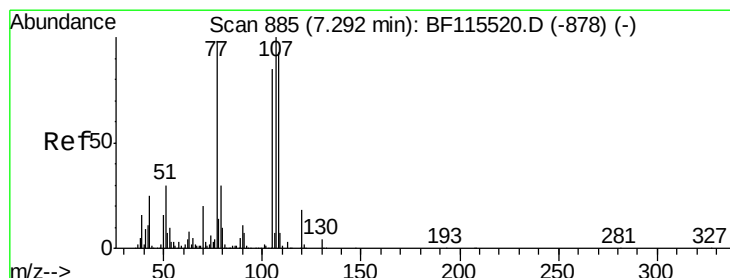
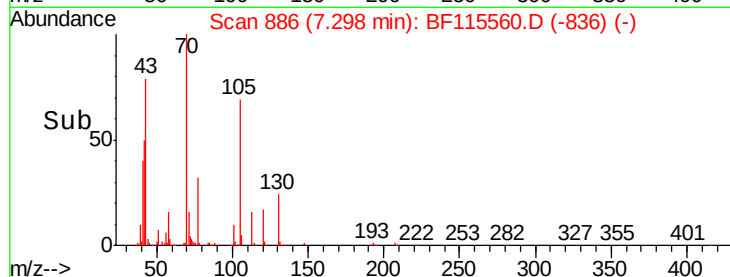
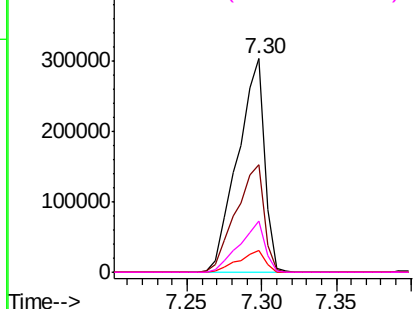
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.472 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:	107	Resp:	563031
Ion	Ratio	Lower	Upper
107	100		
108	88.3	72.9	112.9
77	90.3	77.6	117.6
79	27.0	10.5	50.5

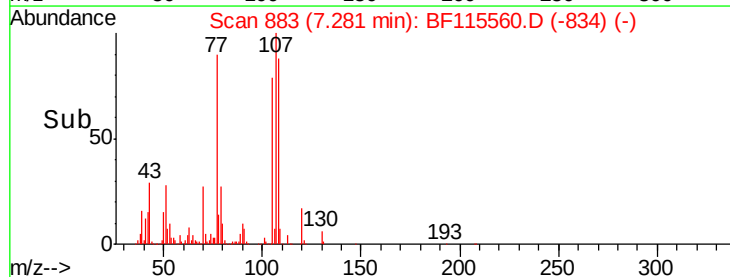
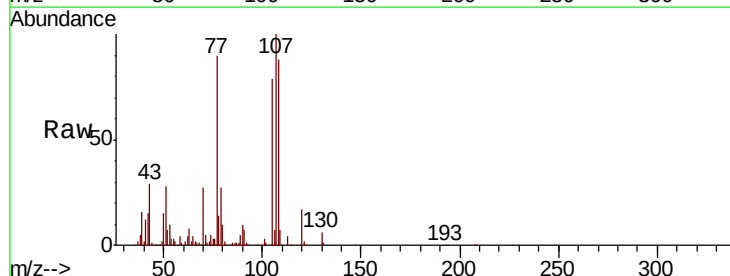
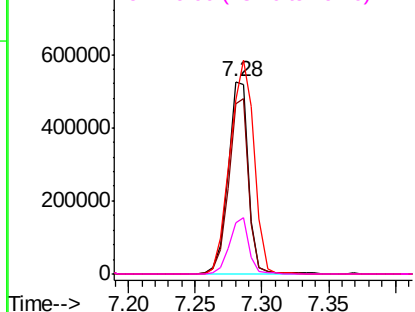
Abundance

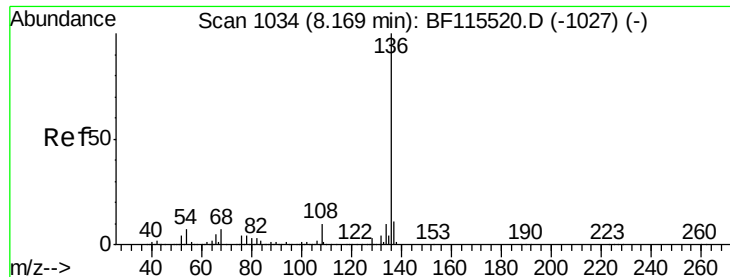
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

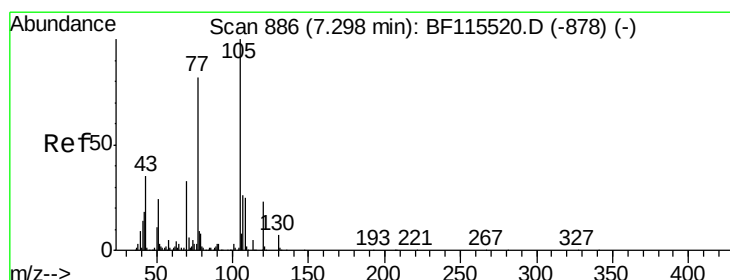
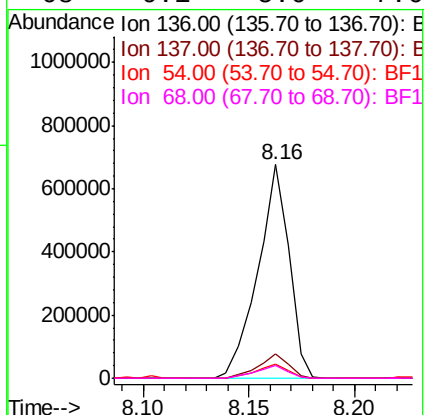
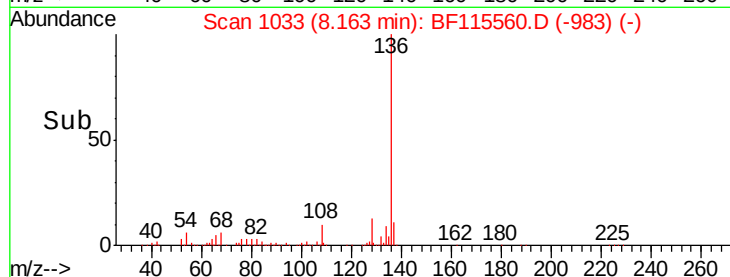
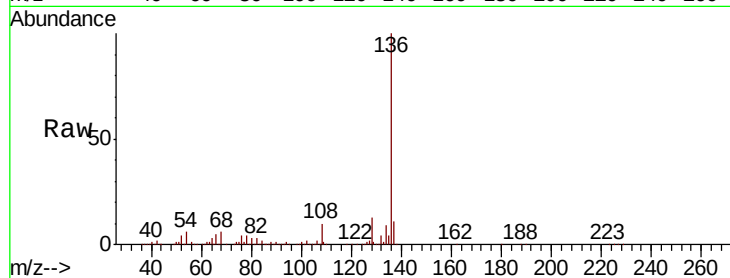




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

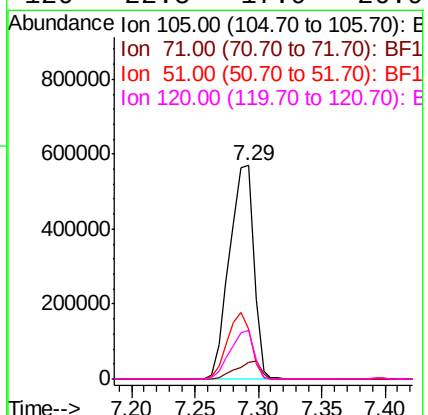
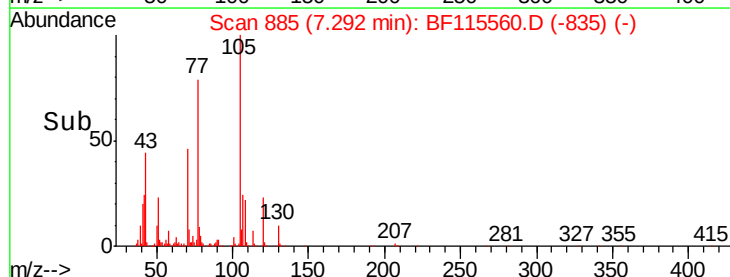
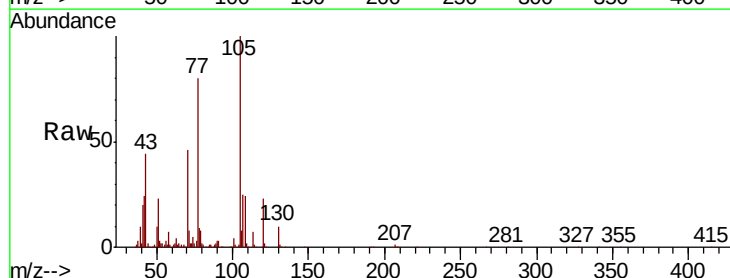
Instrument :
BNA_F
ClientSampleId :
PB121224BS

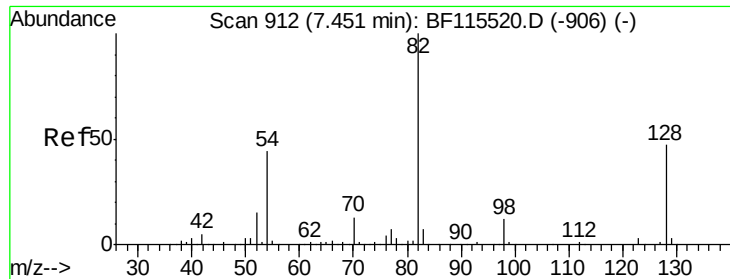
Tot Ion:136	Resp: 694426
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 6.4	5.6 8.4
68 6.1	5.0 7.6



#22
Acetophenone
Concen: 48.359 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt	Ion:105	Resp:	758656
Ion	Ratio	Lower	Upper
105	100		
71	7.7	3.5	5.3#
51	23.2	25.6	38.4#
120	22.5	17.9	26.9

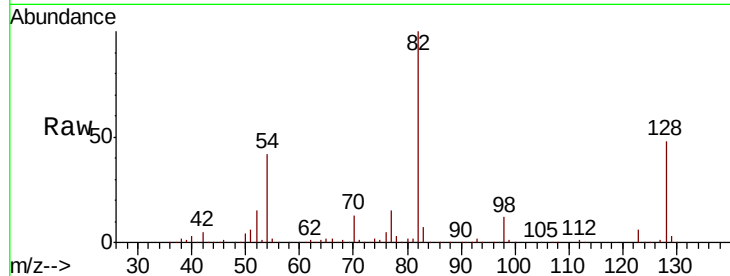




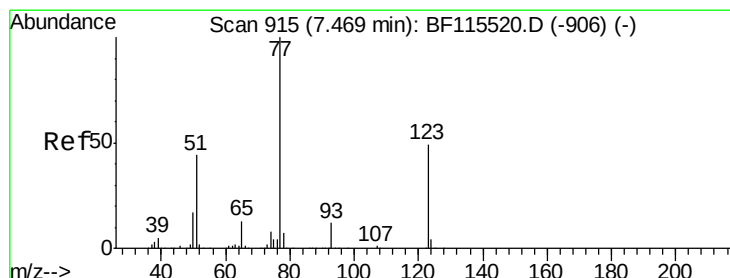
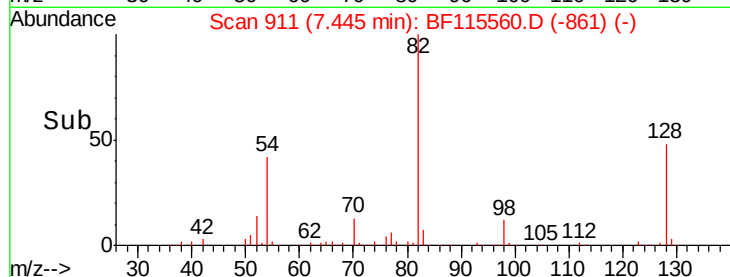
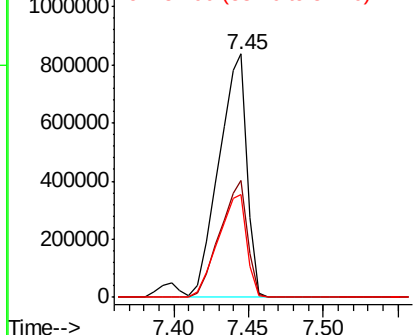
#23
 Nitrobenzene-d5
 Concen: 92.294 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion: 82 Resp: 1102241
 Ion Ratio Lower Upper
 82 100
 128 48.0 38.6 57.8
 54 42.4 35.6 53.4

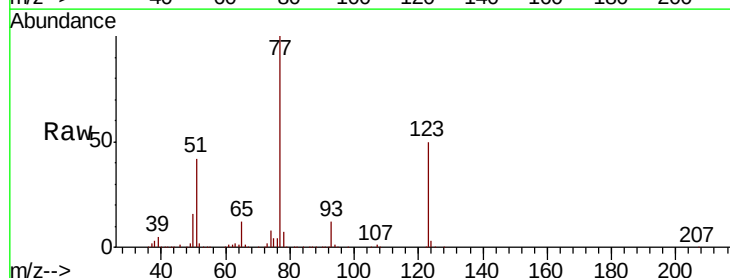


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

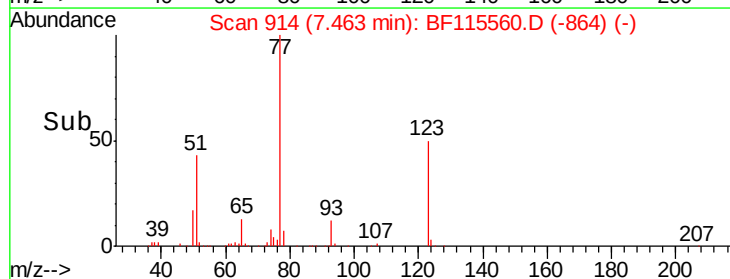
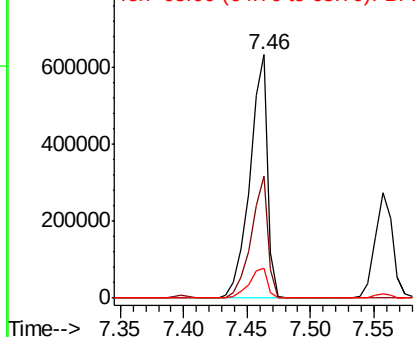


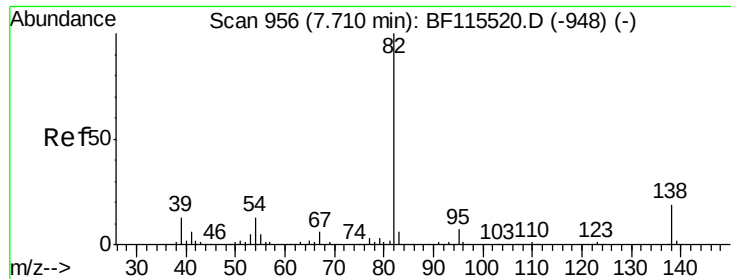
#24
 Nitrobenzene
 Concen: 47.422 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Tgt Ion: 77 Resp: 610848
 Ion Ratio Lower Upper
 77 100
 123 49.9 40.0 60.0
 65 12.5 11.0 16.4



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





#25

Isophorone

Concen: 46.973 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampled :

PB121224BS

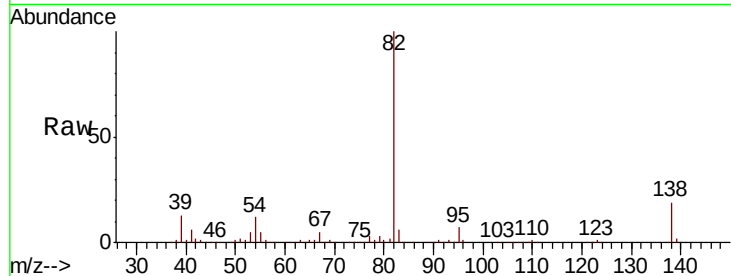
Tot Ion: 82 Resp: 1122531

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

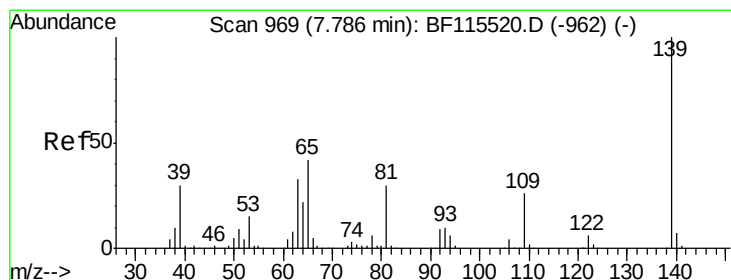
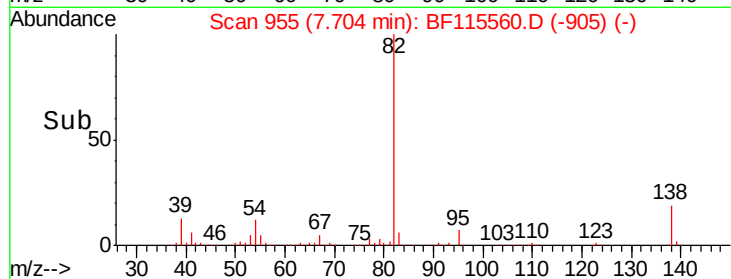
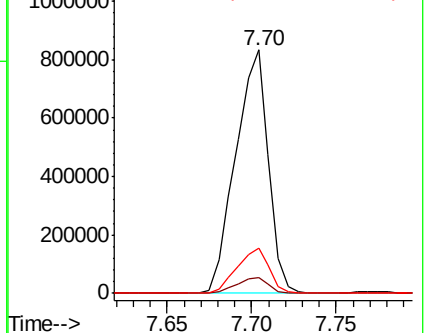
138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.225 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

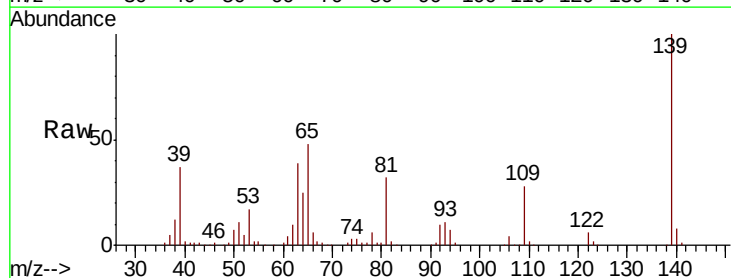
Tgt Ion: 139 Resp: 319743

Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

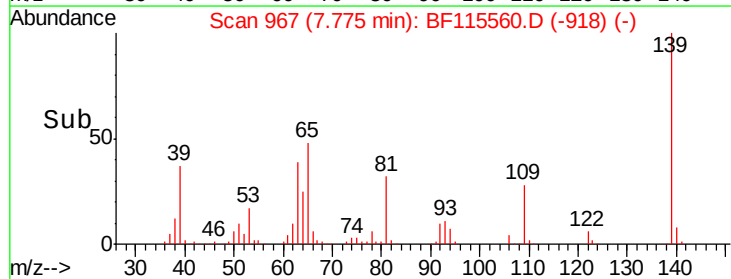
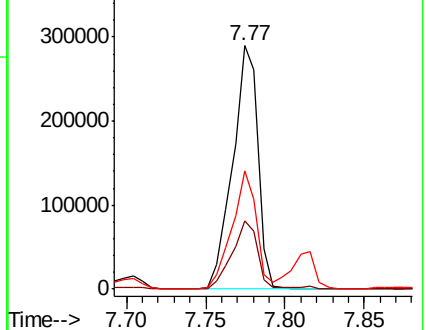
65 48.3 37.9 56.9

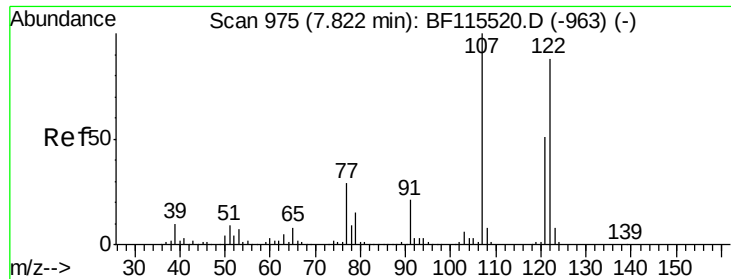


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

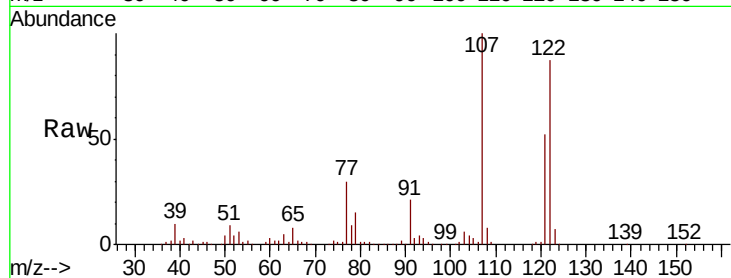




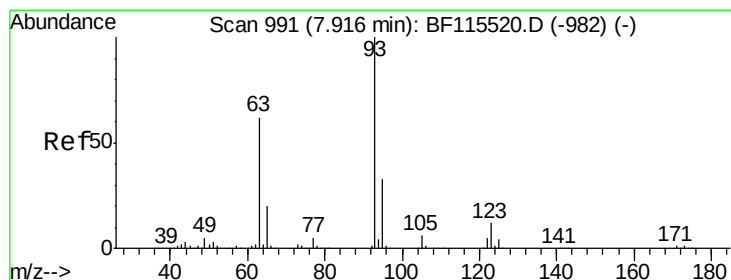
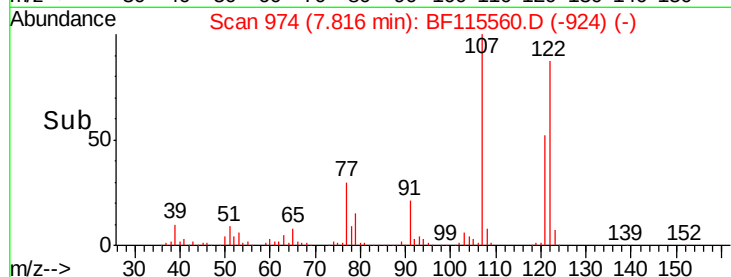
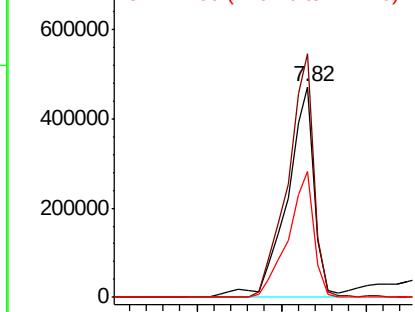
#27
2,4-Dimethylphenol
Concen: 53.958 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	92.9	139.3
121	59.6	46.9	70.3

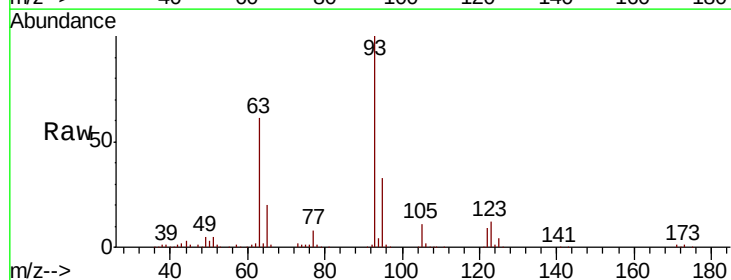


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

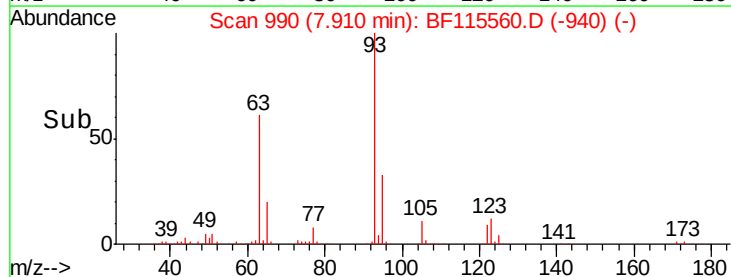
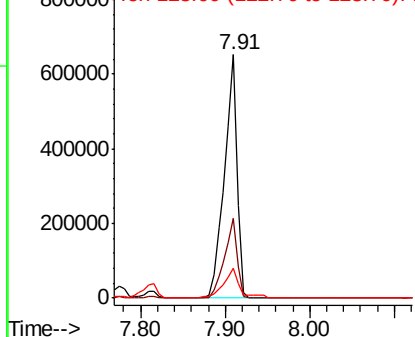


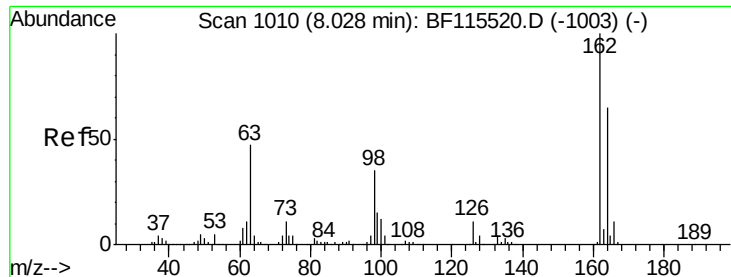
#28
bis(2-Chloroethoxy)methane
Concen: 46.615 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.0	40.4
123	12.1	9.9	14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

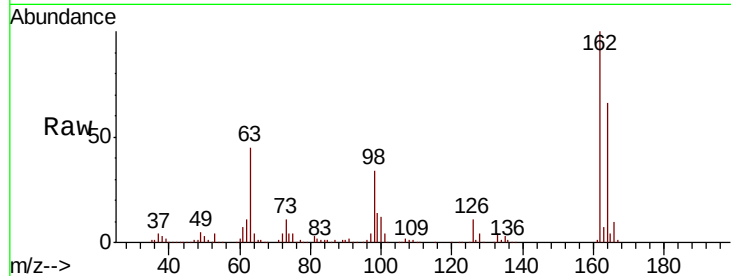




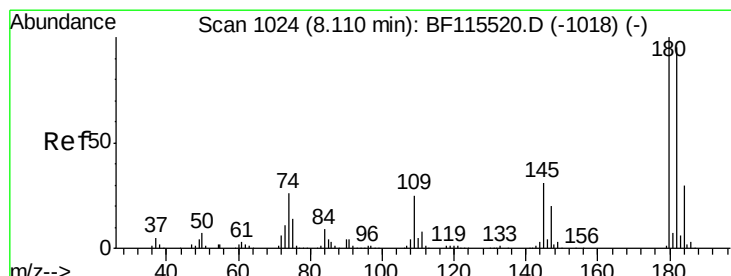
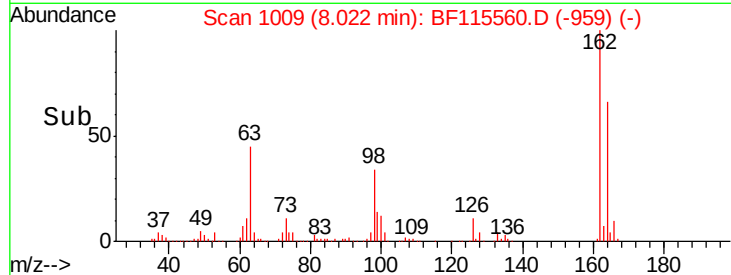
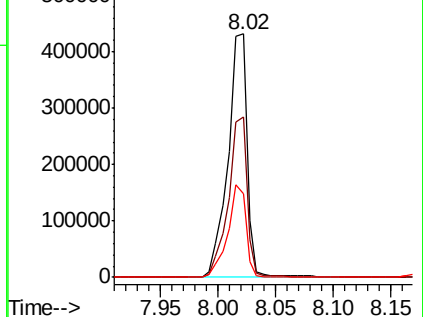
#29
 2,4-Dichlorophenol
 Concen: 48.478 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion:162	Resp:	500158
Ion Ratio	Lower	Upper
162	100	
164	66.1	44.9 84.9
98	34.3	17.7 57.7

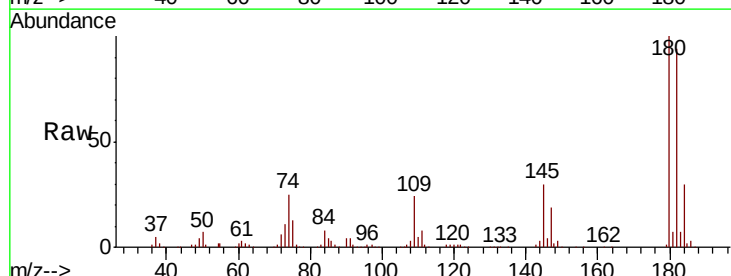


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

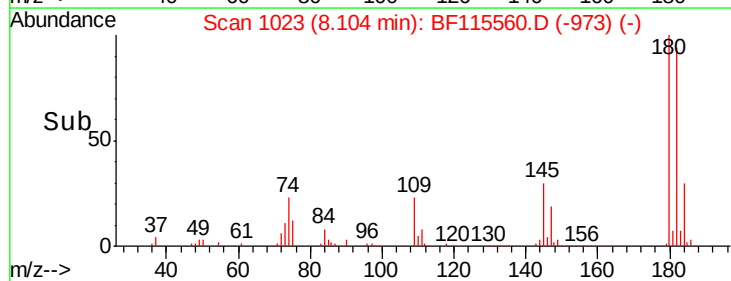
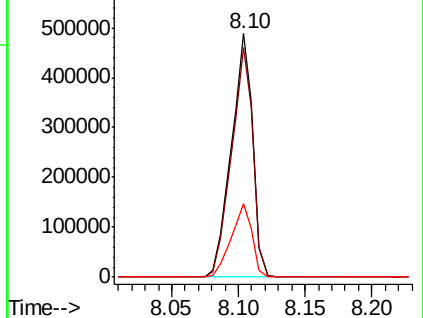


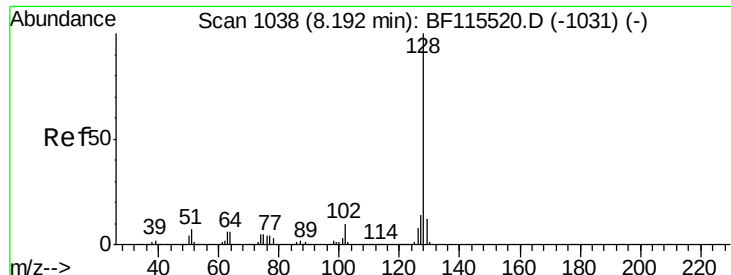
#30
 1,2,4-Trichlorobenzene
 Concen: 46.883 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Tgt Ion:180	Resp:	546759
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.0 112.6
145	30.3	25.1 37.7



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

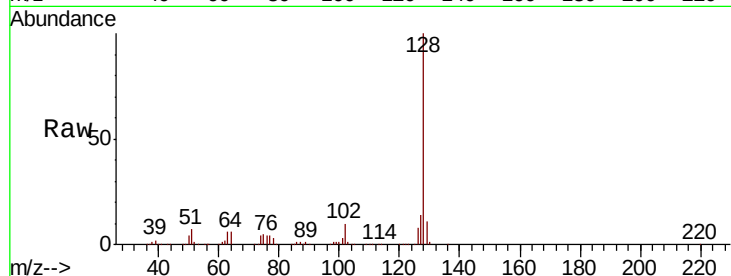




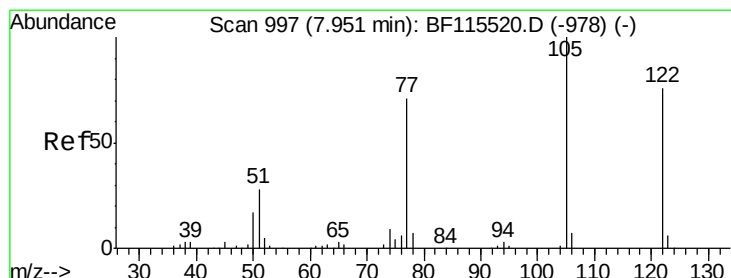
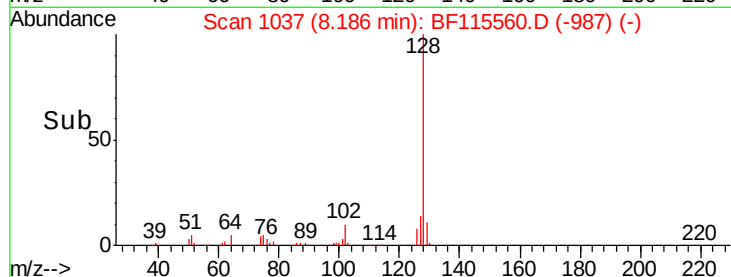
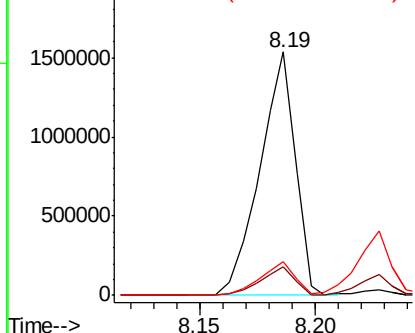
#31
Naphthalene
Concen: 48.792 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:128 Resp: 1640934
Ion Ratio Lower Upper
128 100
129 11.5 9.9 14.9
127 13.8 12.1 18.1

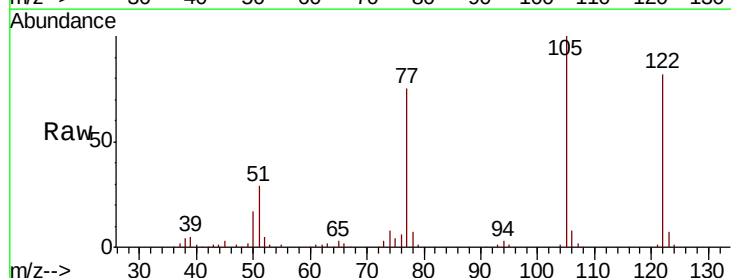


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

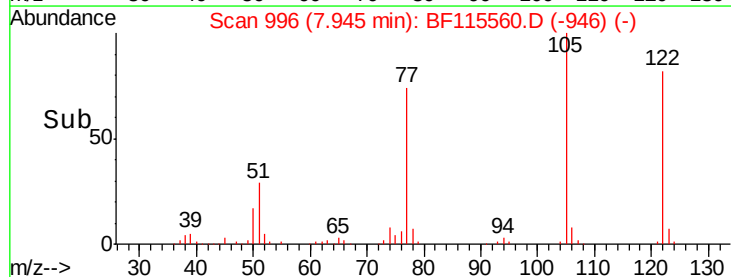
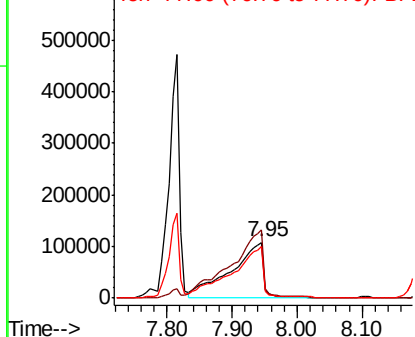


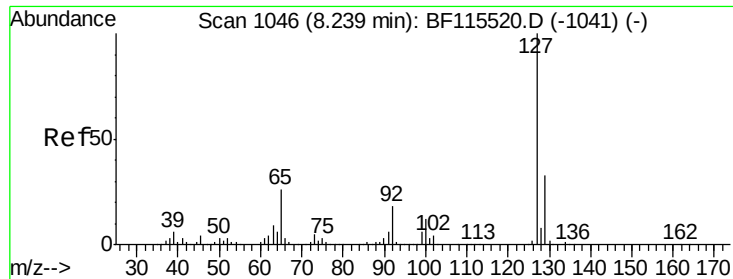
#32
Benzoic acid
Concen: 46.381 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:122 Resp: 377599
Ion Ratio Lower Upper
122 100
105 122.3 102.5 142.5
77 91.6 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

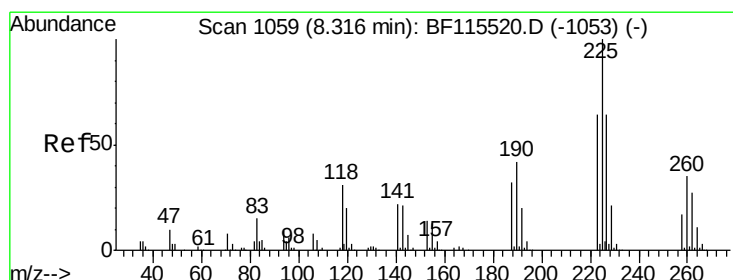
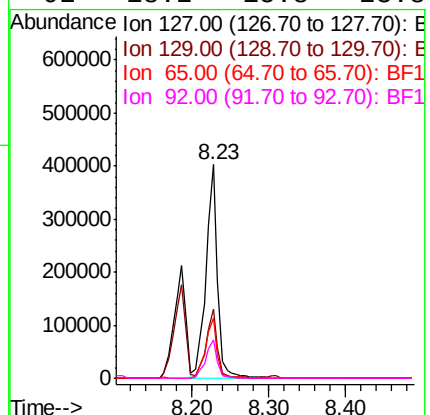
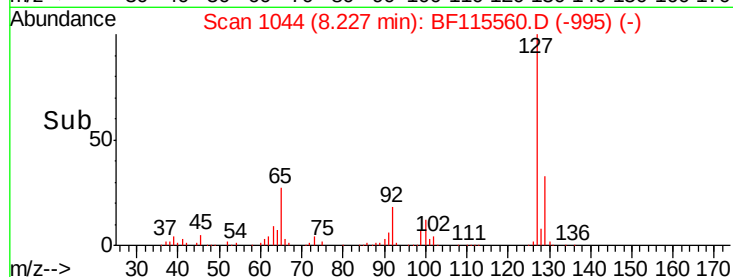
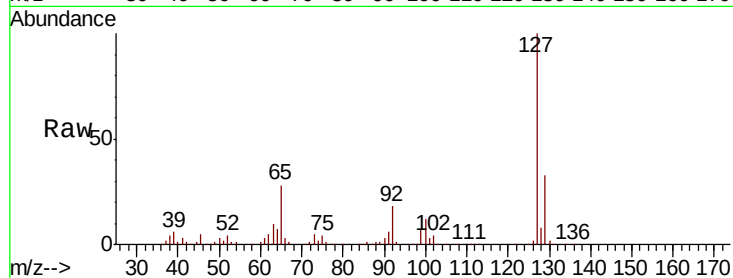




#33
4-Chloroaniline
Concen: 28.217 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

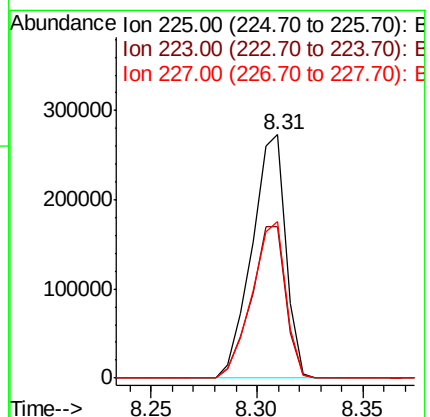
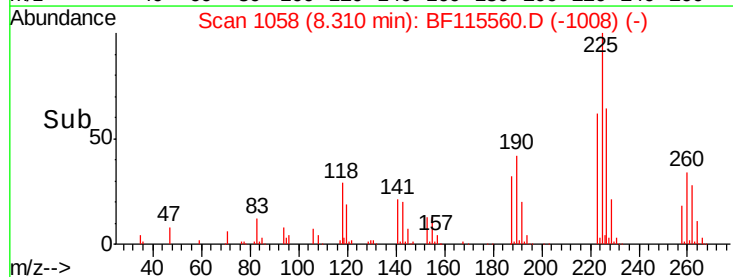
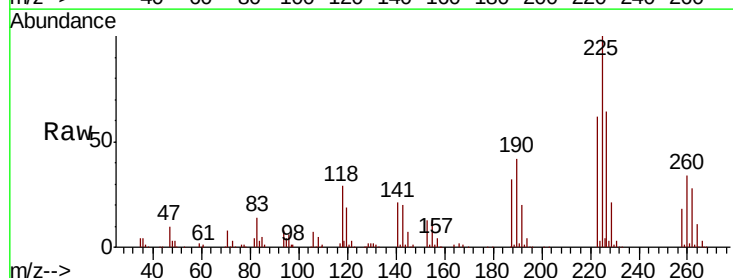
Instrument :
BNA_F
ClientSampleId :
PB121224BS

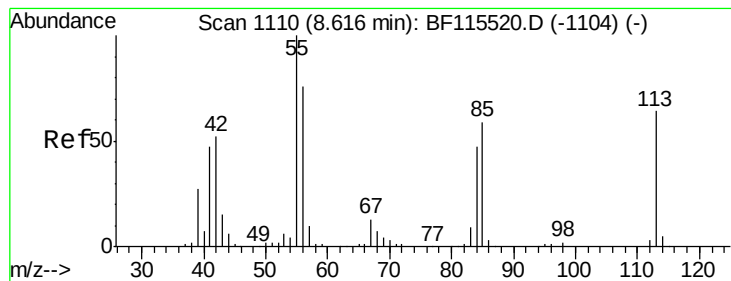
Tot Ion:	127	Resp:	420349
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	28.0	23.7	35.5
92	18.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.536 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:	225	Resp:	304531
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	64.4	50.7	76.1





#35

Caprolactam

Concen: 50.171 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleID :

PB121224BS

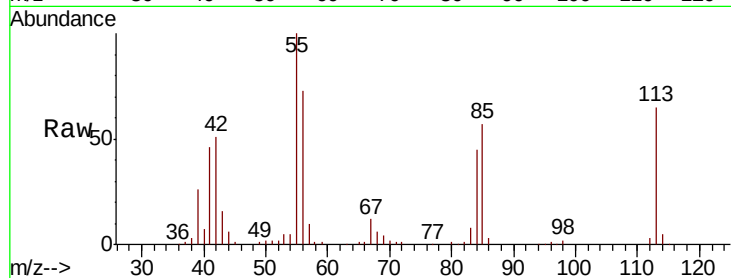
Tot Ion:113 Resp: 159951

Ion Ratio Lower Upper

113 100

55 154.3 126.9 166.9

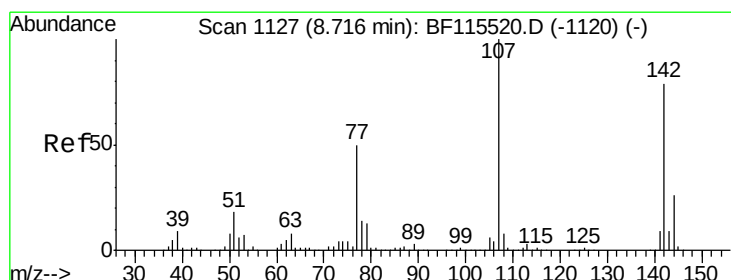
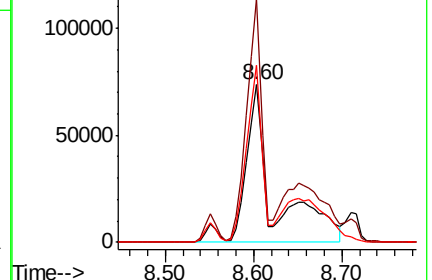
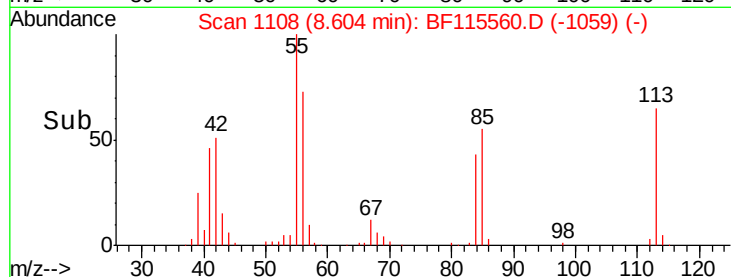
56 112.5 90.3 130.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.961 ng/mL

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

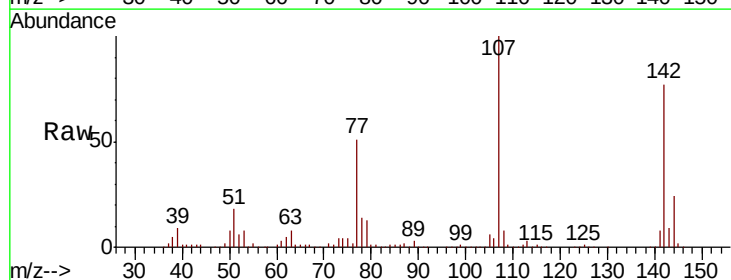
Tgt Ion:107 Resp: 523981

Ion Ratio Lower Upper

107 100

144 24.5 20.6 30.8

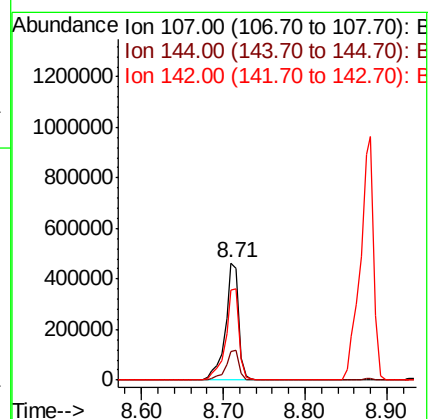
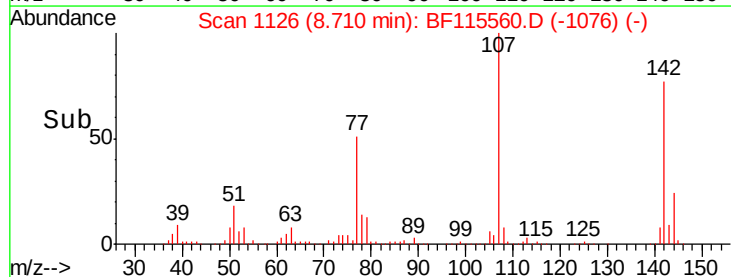
142 77.1 63.1 94.7

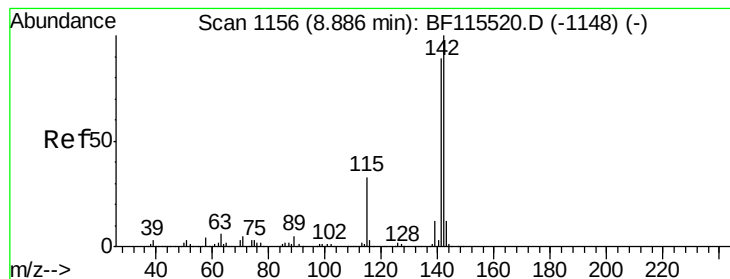


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

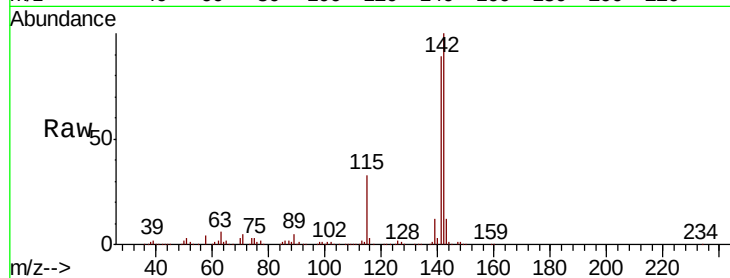




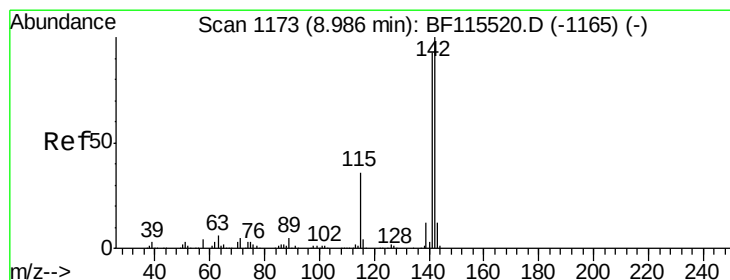
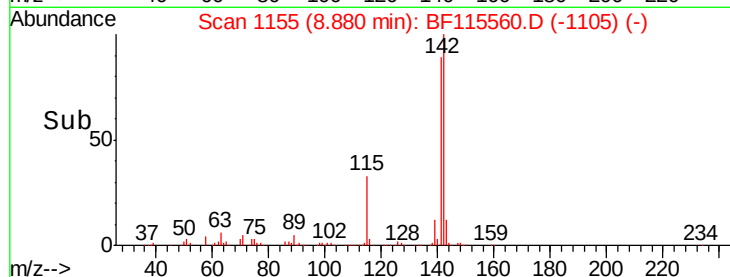
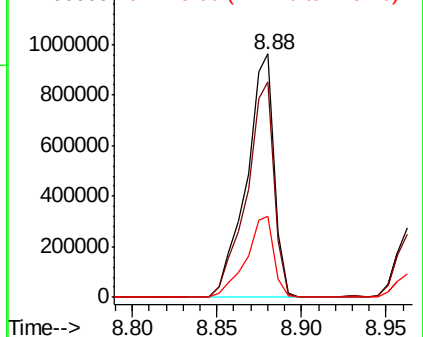
#37
2-Methylnaphthalene
Concen: 49.778 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:142 Resp: 1109700
Ion Ratio Lower Upper
142 100
141 88.6 72.0 108.0
115 33.5 29.9 44.9

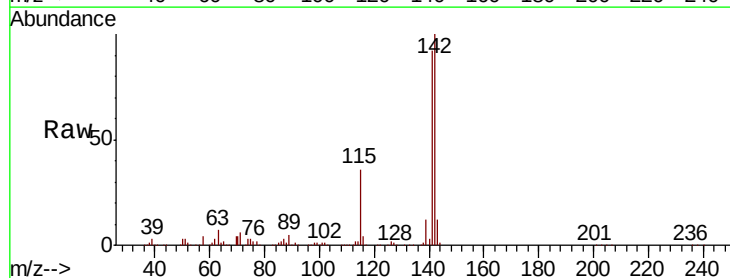


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

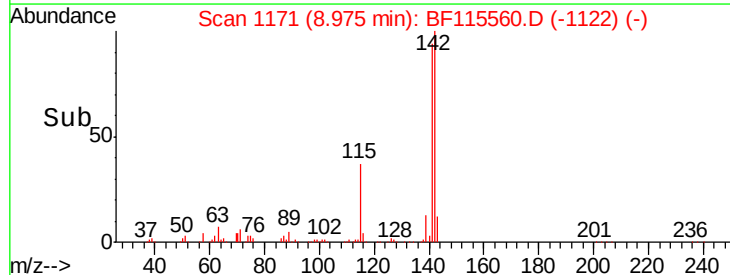
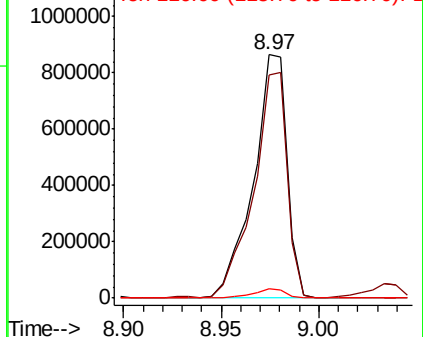


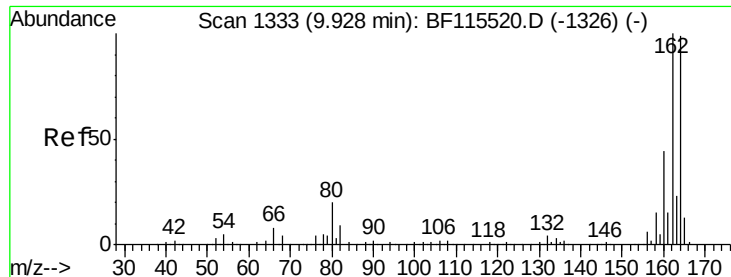
#38
1-Methylnaphthalene
Concen: 48.948 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:142 Resp: 1036473
Ion Ratio Lower Upper
142 100
141 91.6 75.3 112.9
116 3.8 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

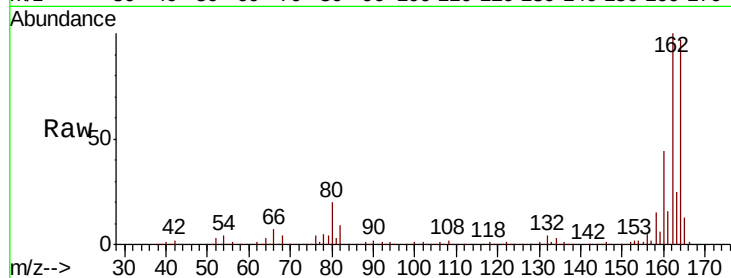
Tot Ion:164 Resp: 347523

Ion Ratio Lower Upper

164 100

162 103.1 82.9 124.3

160 45.5 36.8 55.2

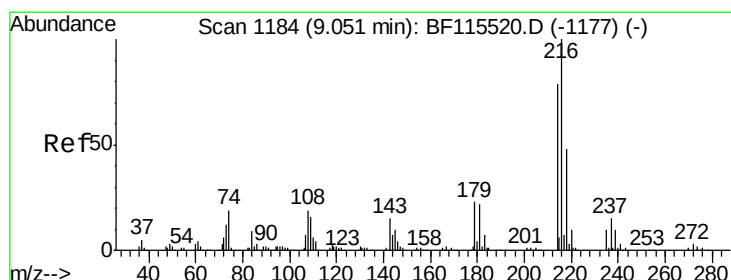
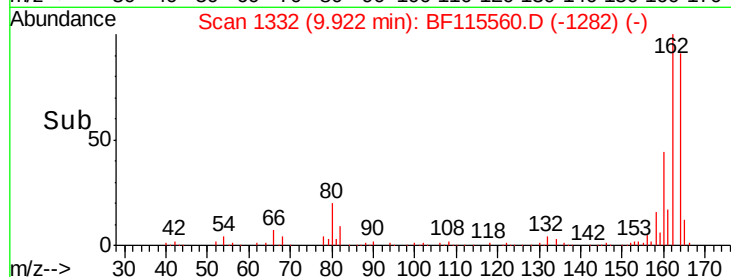
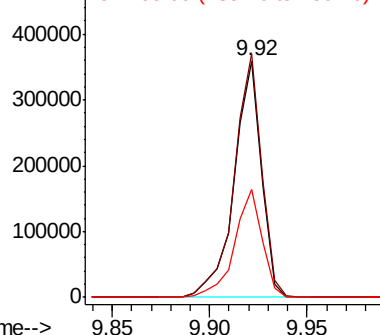


Abundance

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: 47.667 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Tgt Ion:216 Resp: 498838

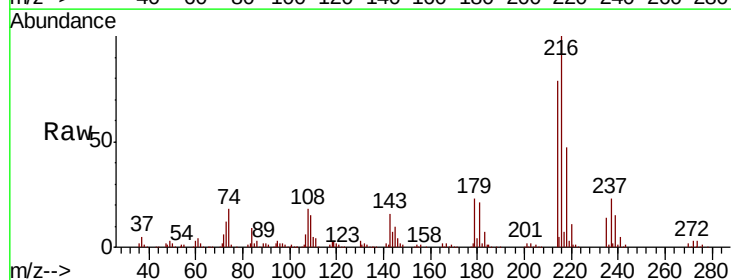
Ion Ratio Lower Upper

216 100

214 78.2 65.1 97.7

179 21.7 18.3 27.5

108 20.4 15.7 23.5



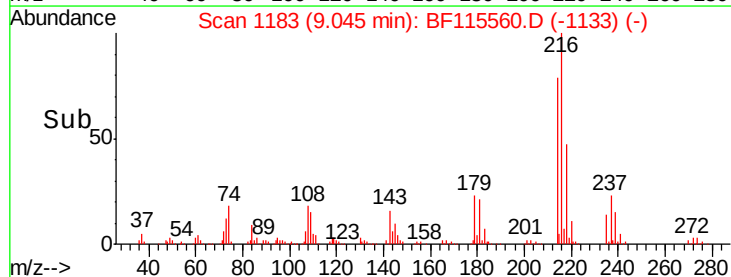
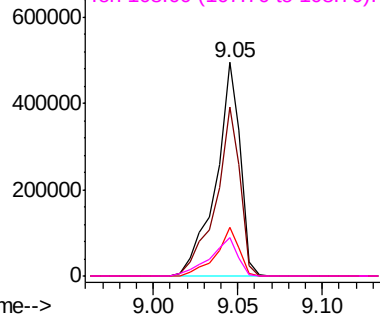
Abundance

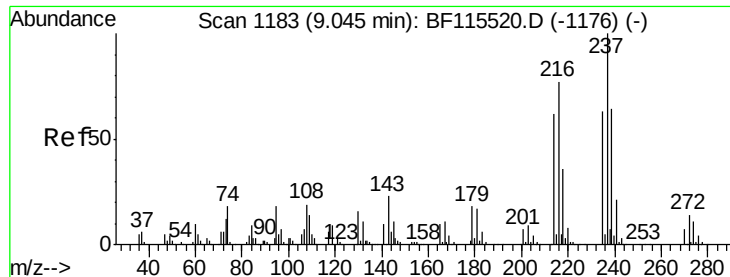
Ion 216.00 (215.70 to 216.70): E

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

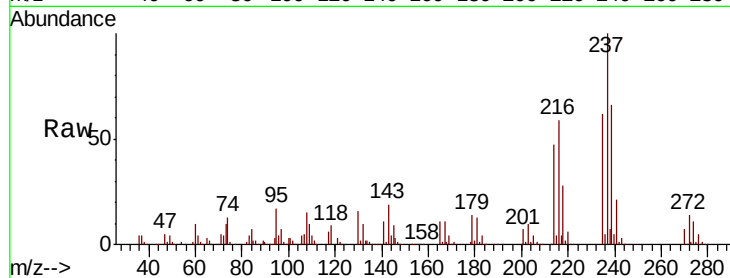




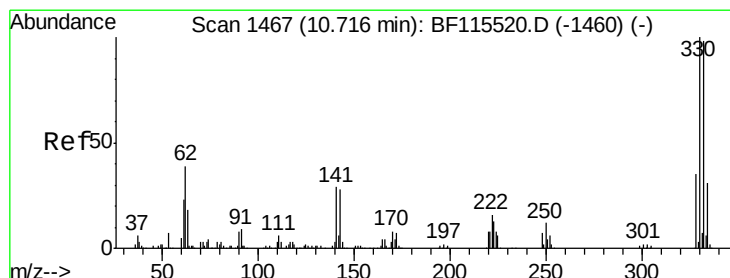
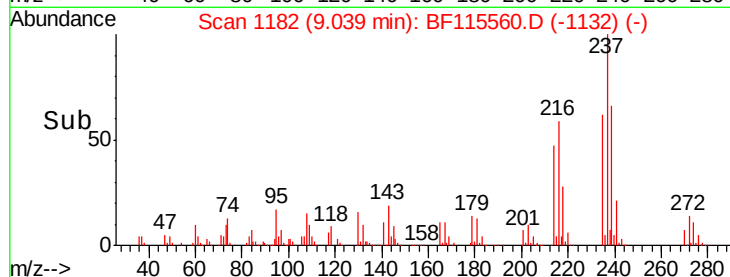
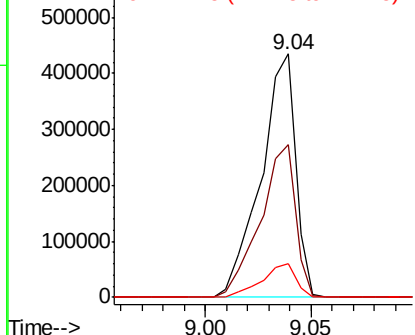
#41
Hexachlorocyclopentadiene
Concen: 83.630 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:	237	Resp:	499250
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.6	83.6
272	13.7	0.0	33.9

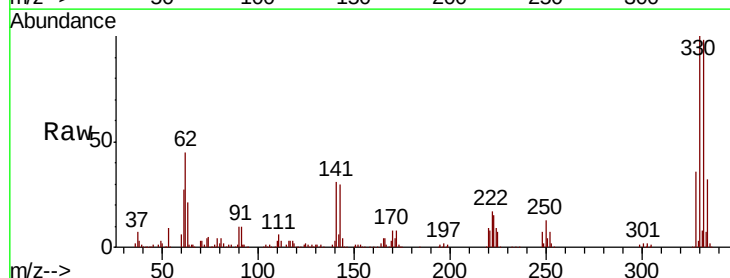


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

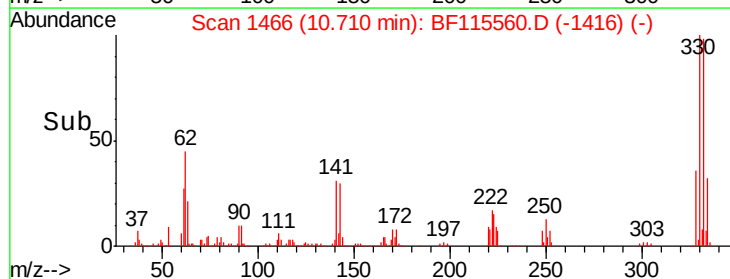
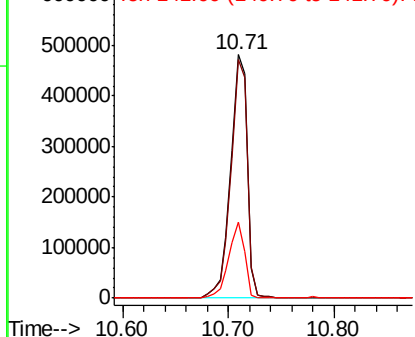


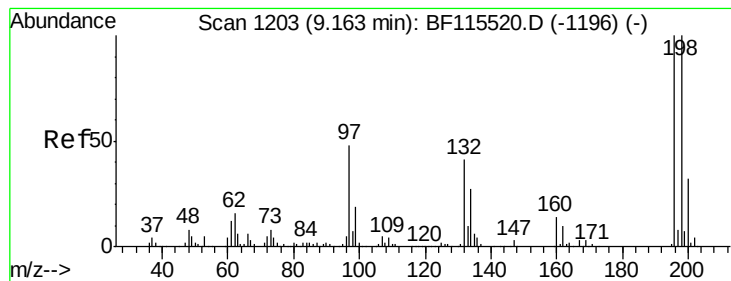
#42
2,4,6-Tribromophenol
Concen: 129.299 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:	330	Resp:	524491
Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	30.2	22.4	33.6



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: 48.796 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

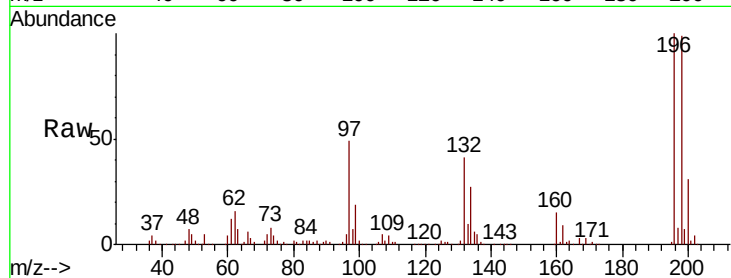
Tot Ion:196 Resp: 373443

Ion Ratio Lower Upper

196 100

198 99.0 80.6 121.0

200 31.0 25.8 38.6

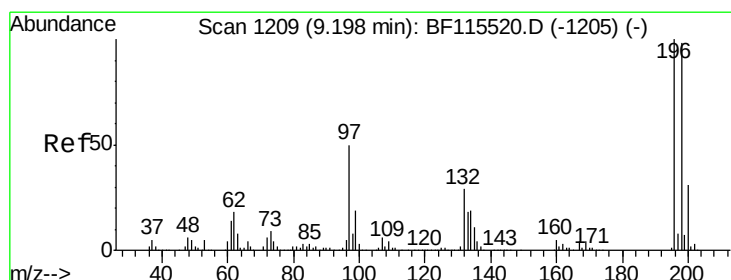
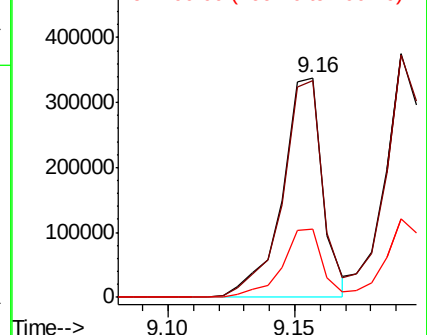
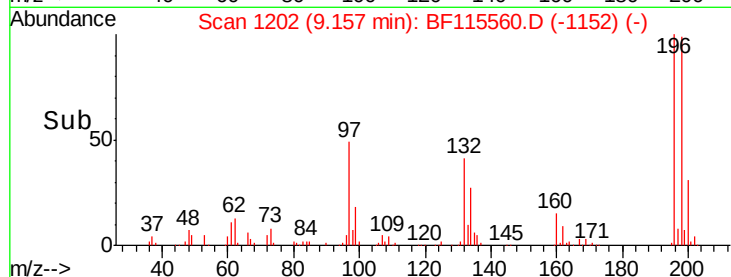


Abundance

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: 47.305 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Tgt Ion:196 Resp: 370755

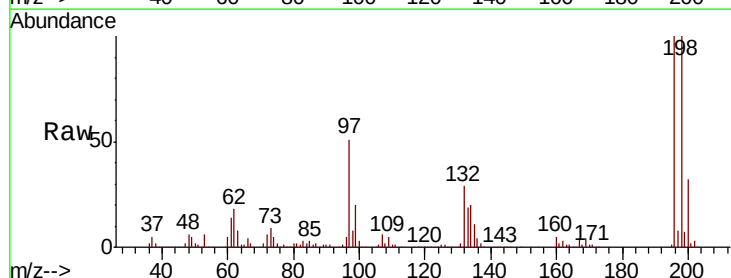
Ion Ratio Lower Upper

196 100

198 99.5 79.6 119.4

97 50.7 37.8 56.6

132 29.2 22.8 34.2



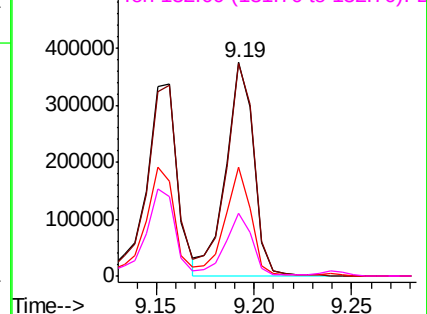
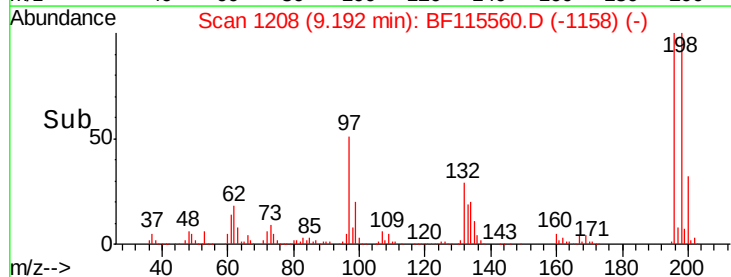
Abundance

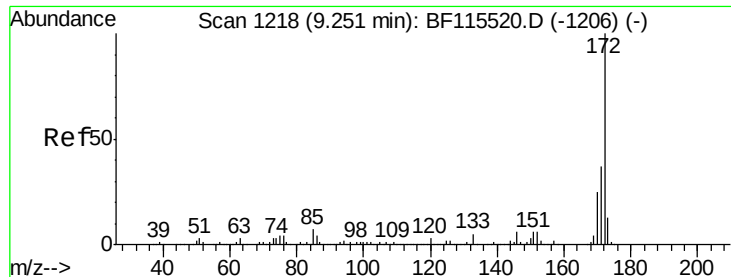
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

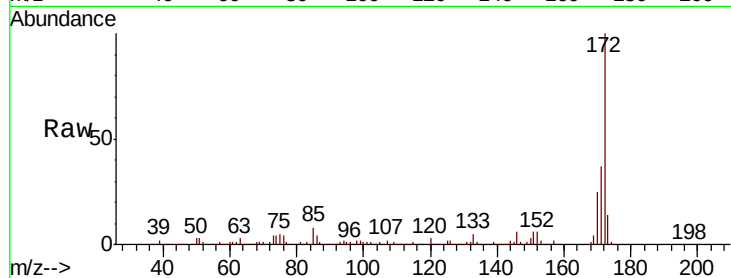




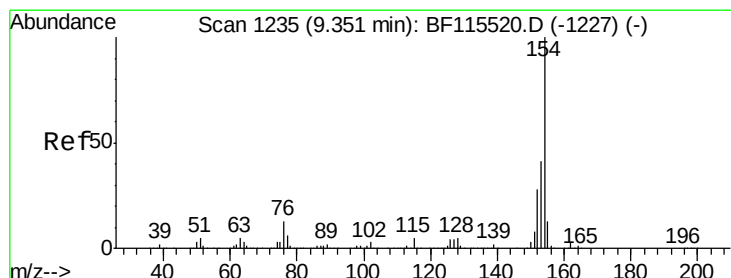
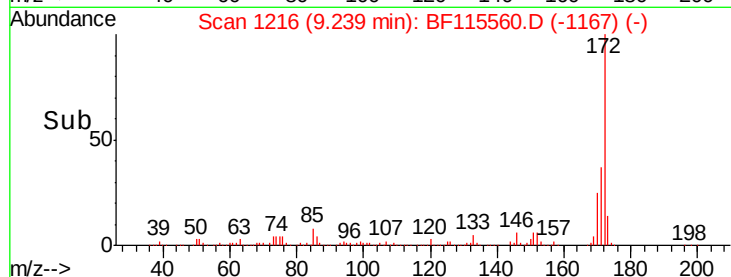
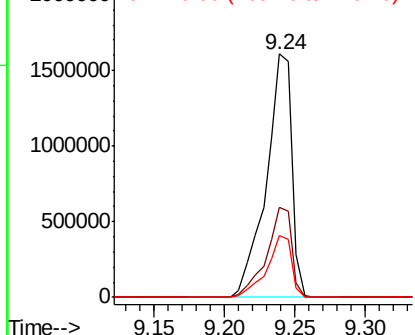
#45
2-Fluorobiphenyl
Concen: 103.443 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:172 Resp: 2053886
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 25.2 20.5 30.7

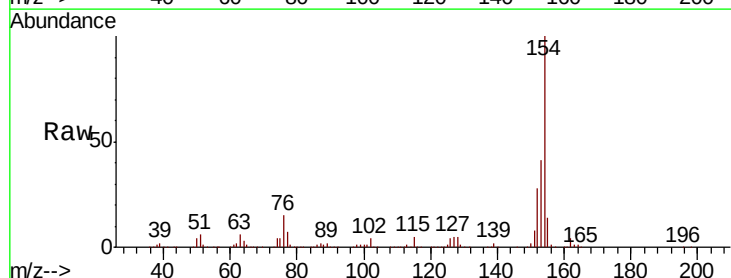


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

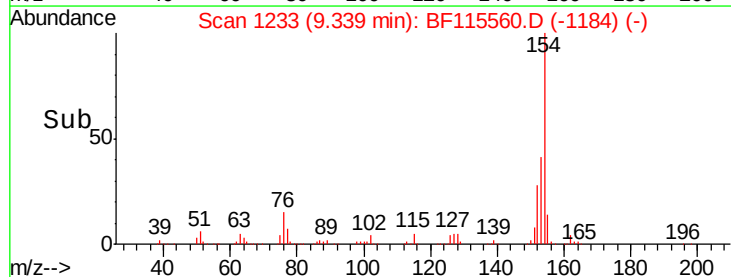
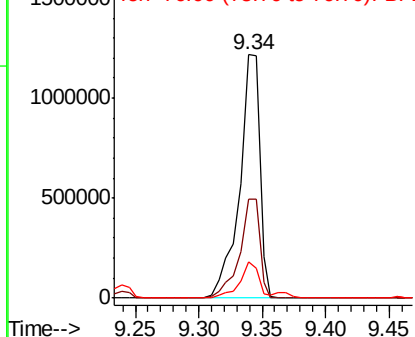


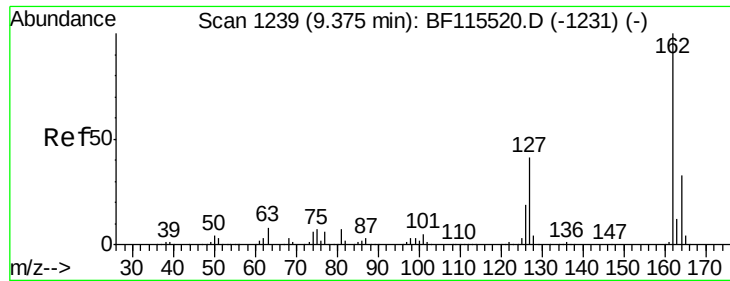
#46
1,1'-Biphenyl
Concen: 49.226 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:154 Resp: 1337429
Ion Ratio Lower Upper
154 100
153 40.6 22.6 62.6
76 14.6 0.0 33.4



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

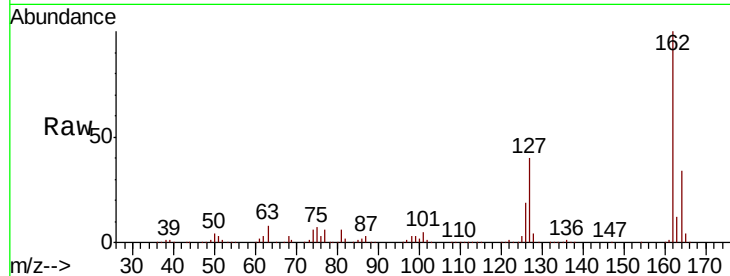




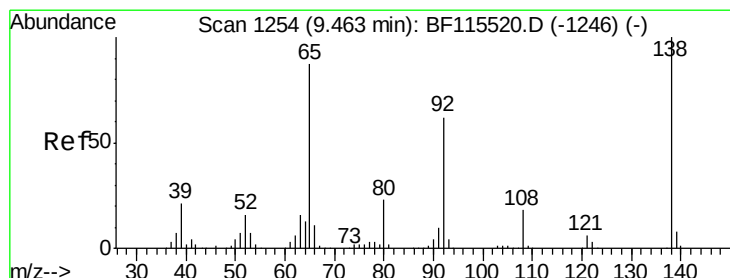
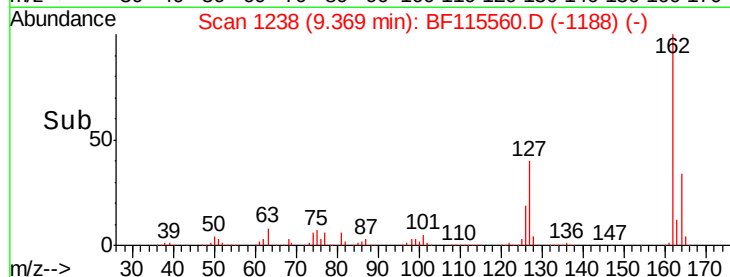
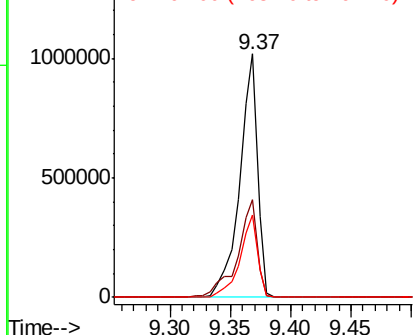
#47
2-Chloronaphthalene
Concen: 46.504 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:162 Resp: 1052039
Ion Ratio Lower Upper
162 100
127 40.0 34.1 51.1
164 33.8 27.4 41.2

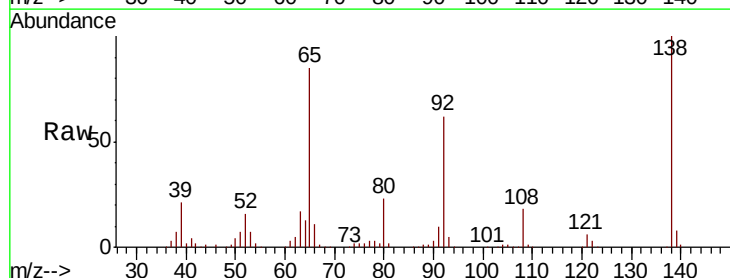


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

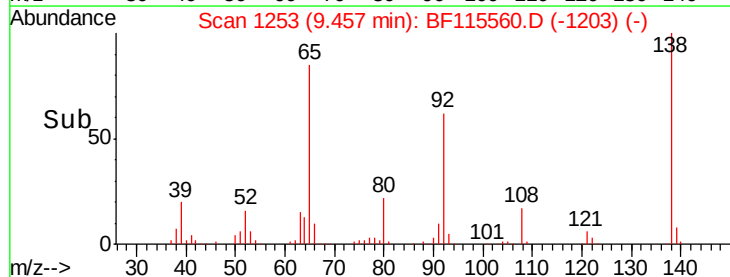
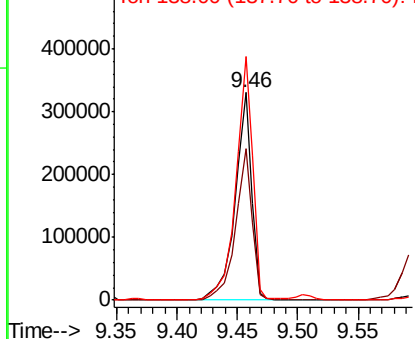


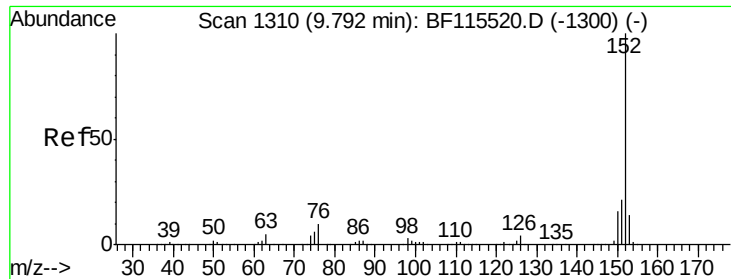
#48
2-Nitroaniline
Concen: 45.379 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion: 65 Resp: 317739
Ion Ratio Lower Upper
65 100
92 73.2 57.8 86.6
138 117.4 91.2 136.8



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





#49

Acenaphthylene

Concen: 48.134 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

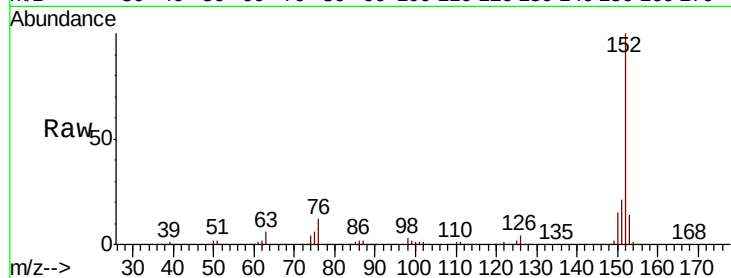
Tot Ion:152 Resp: 1613491

Ion Ratio Lower Upper

152 100

151 20.7 17.7 26.5

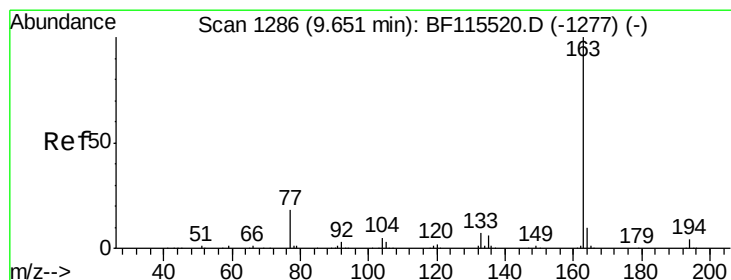
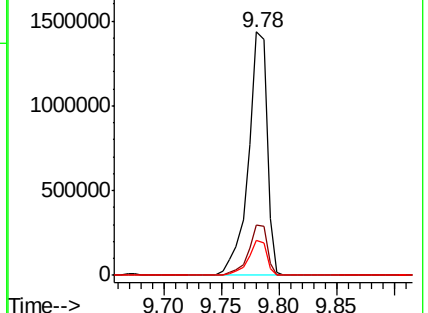
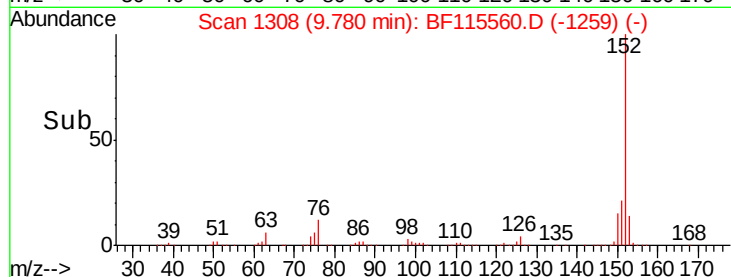
153 14.2 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.416 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

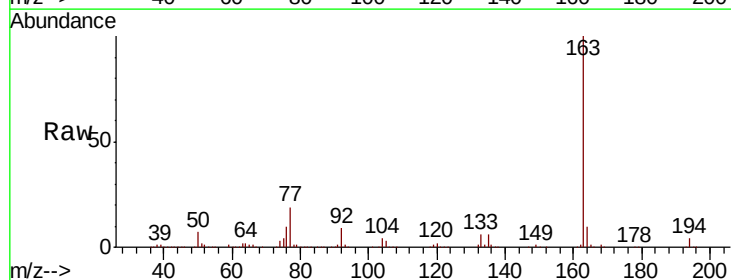
Tgt Ion:163 Resp: 1213612

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

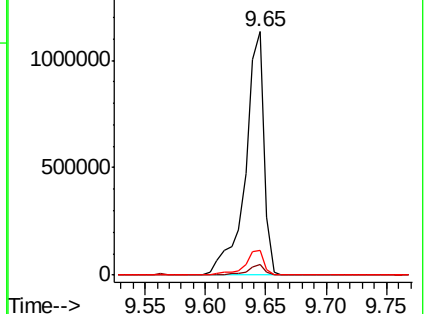
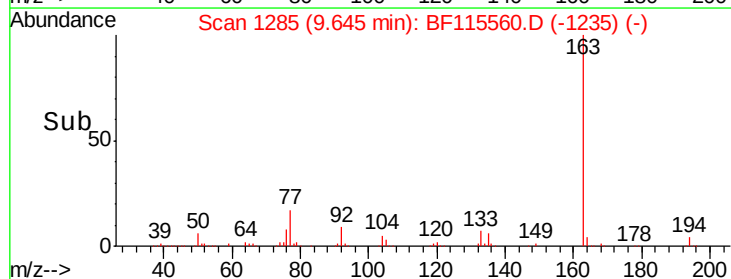
164 10.1 8.7 13.1

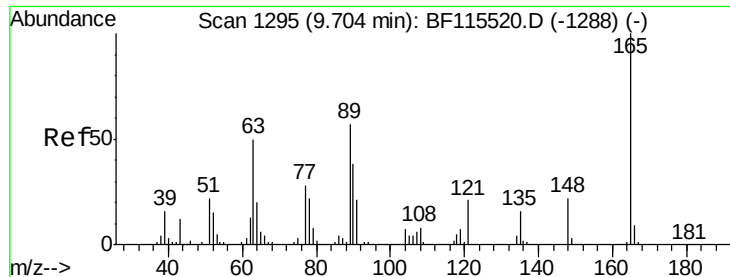


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

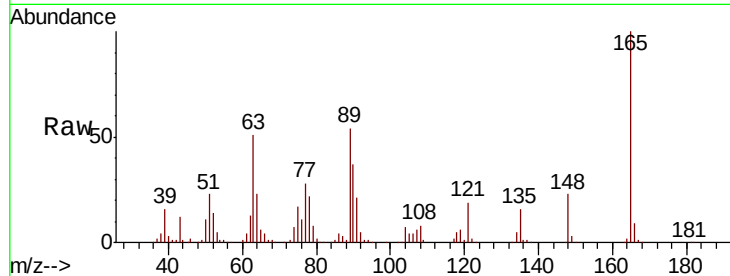




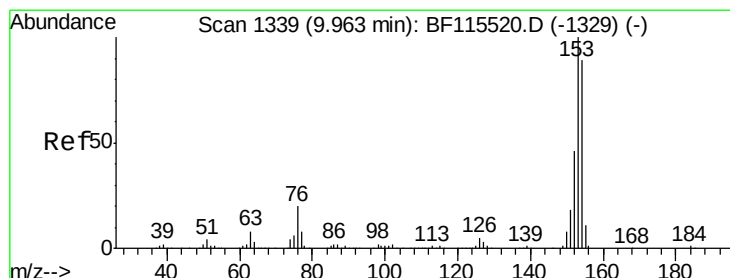
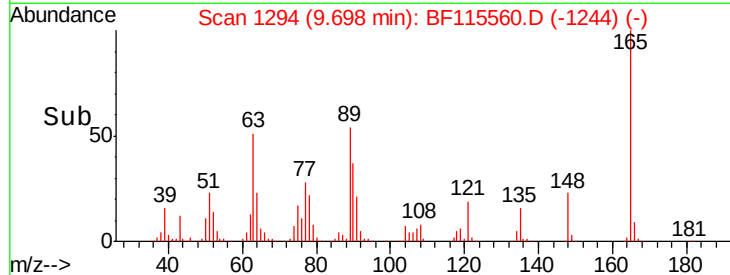
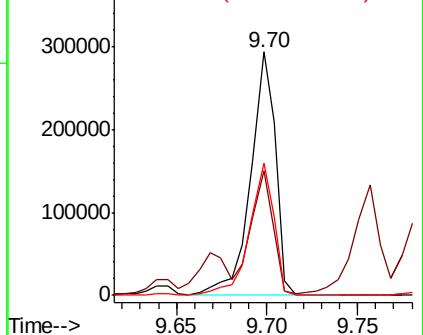
#51
2,6-Dinitrotoluene
Concen: 47.212 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.6	61.0
89	54.2	43.9	65.9

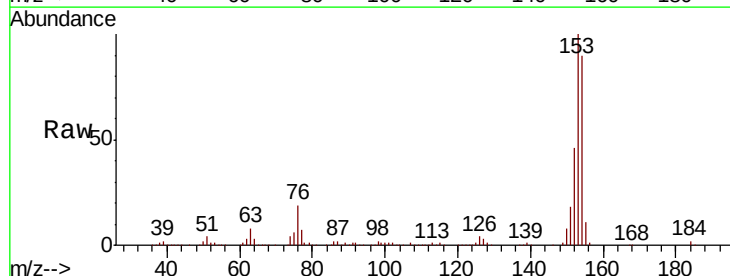


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

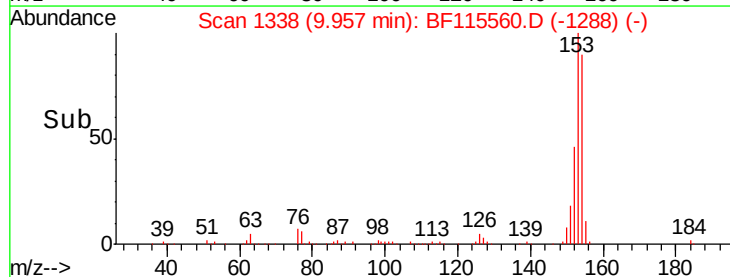
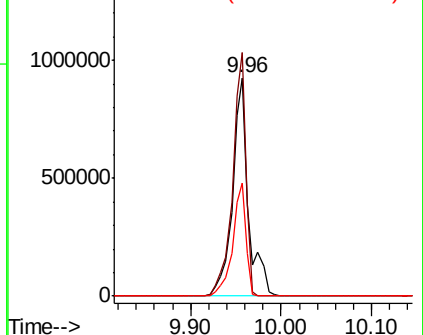


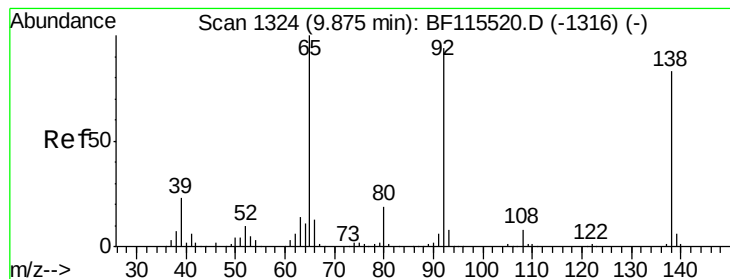
#52
Acenaphthene
Concen: 52.278 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.6	133.0
152	51.8	42.3	63.5



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: 29.215 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

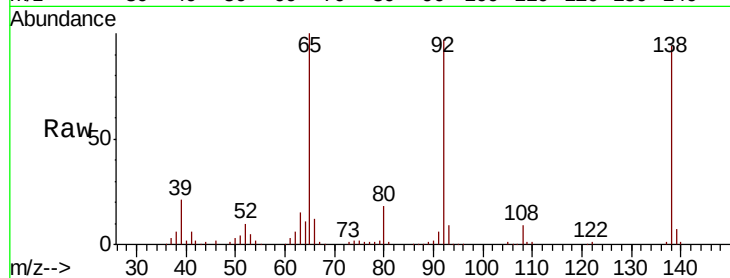
Tot Ion:138 Resp: 198379

Ion Ratio Lower Upper

138 100

108 9.7 8.4 12.6

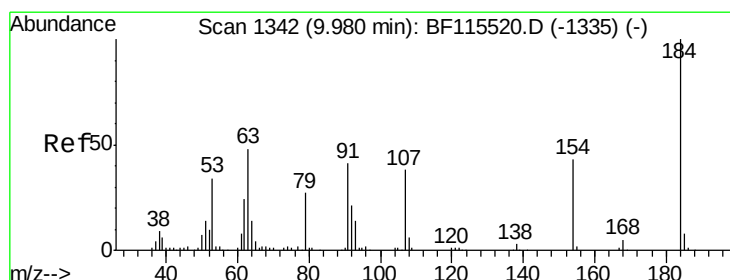
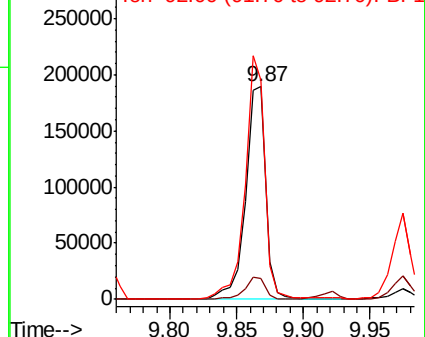
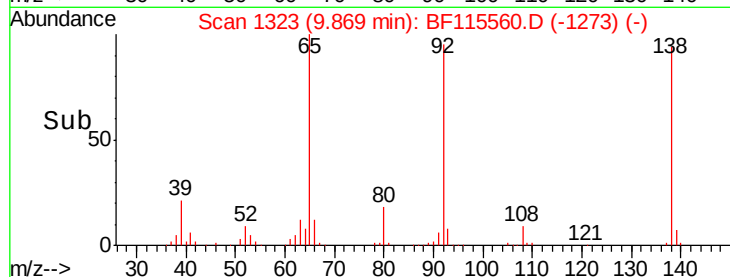
92 103.3 88.0 132.0



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: 101.283 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

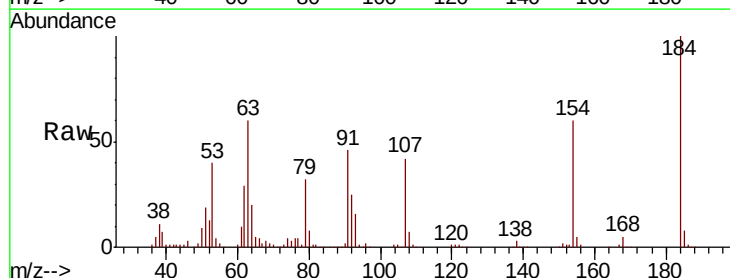
Tgt Ion:184 Resp: 308987

Ion Ratio Lower Upper

184 100

63 59.7 48.7 73.1

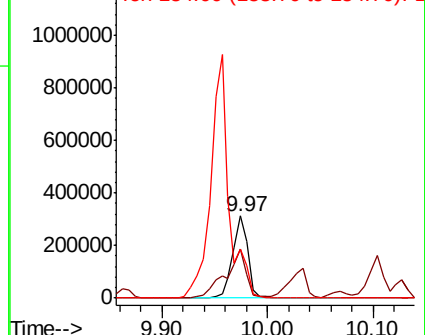
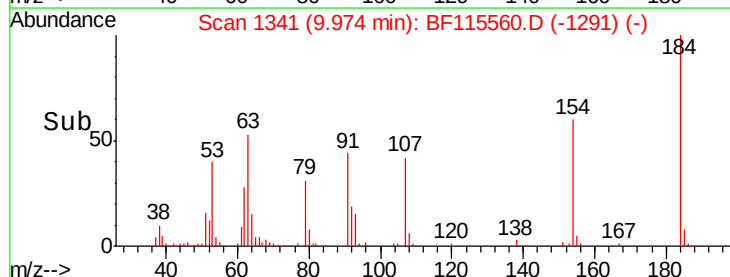
154 60.3 48.6 73.0

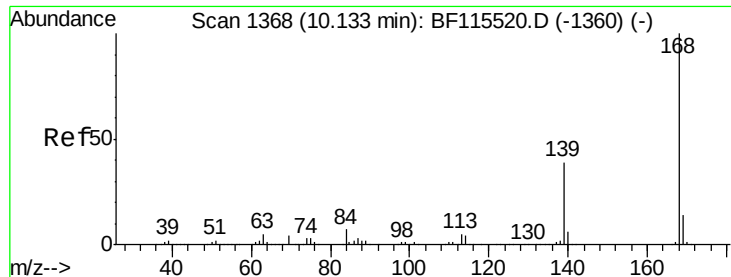


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

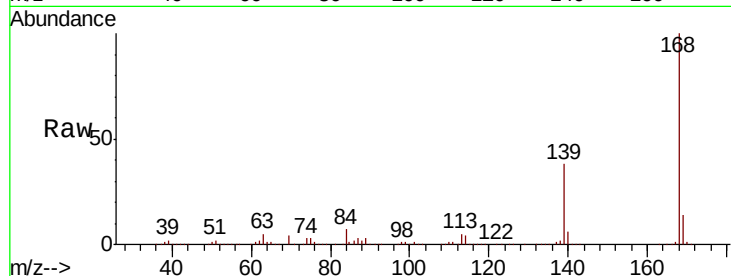




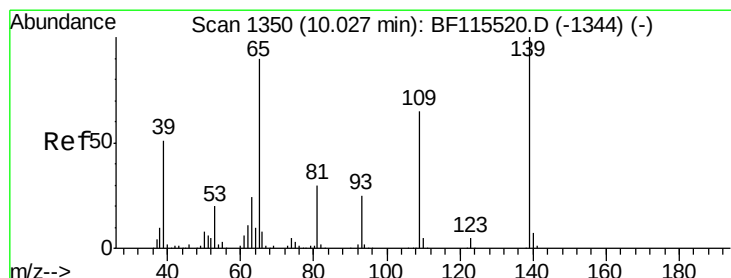
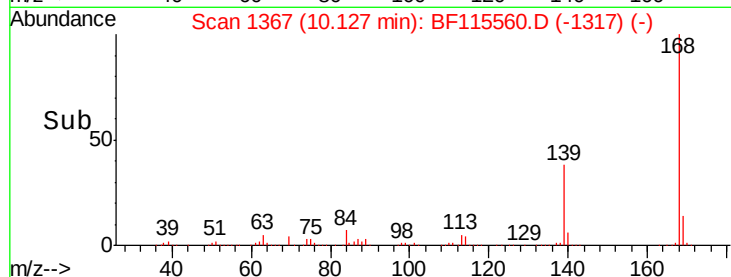
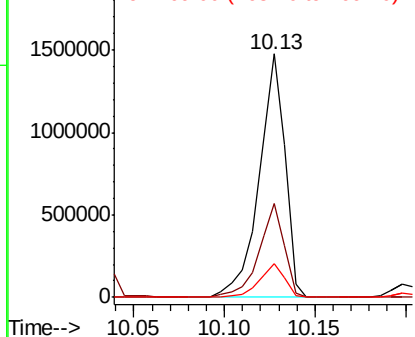
#55
Dibenzenofuran
Concen: 47.660 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:168 Resp: 1464761
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7
169 13.9 11.1 16.7

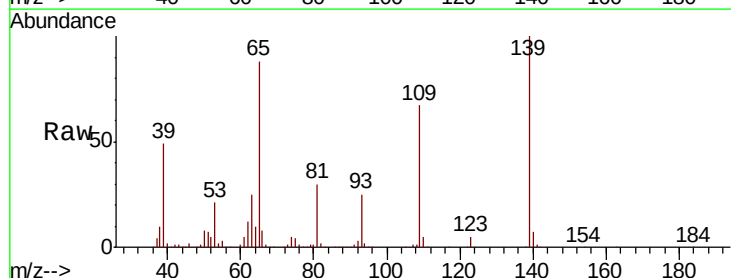


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

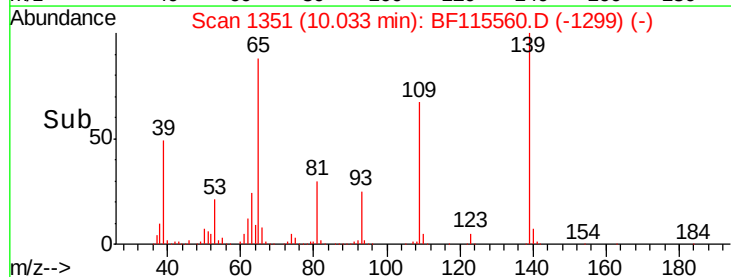
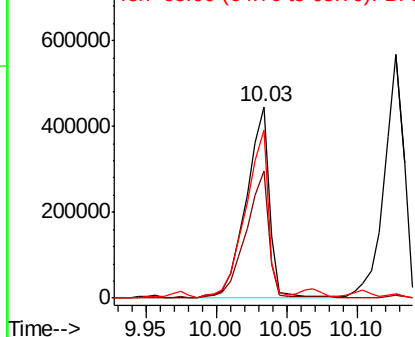


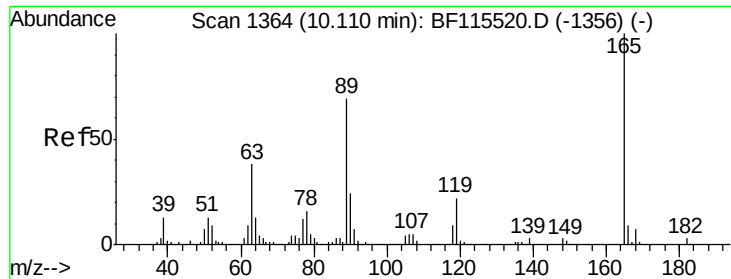
#56
4-Nitrophenol
Concen: 98.952 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:139 Resp: 512362
Ion Ratio Lower Upper
139 100
109 66.7 46.4 86.4
65 87.9 68.9 108.9



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

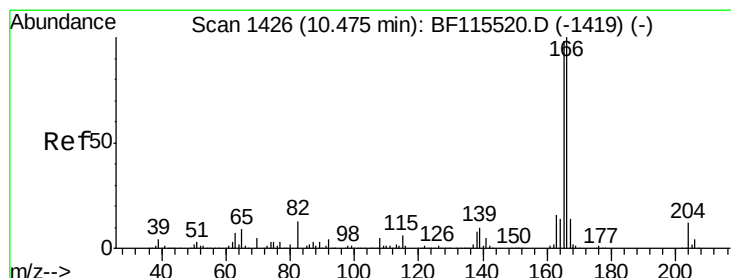
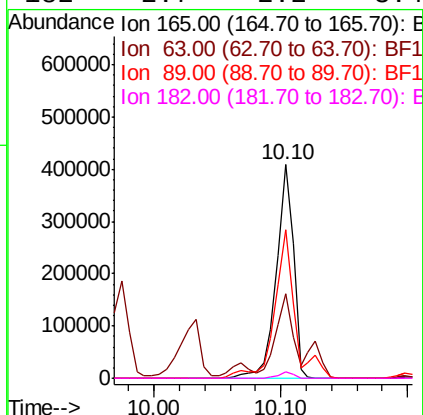
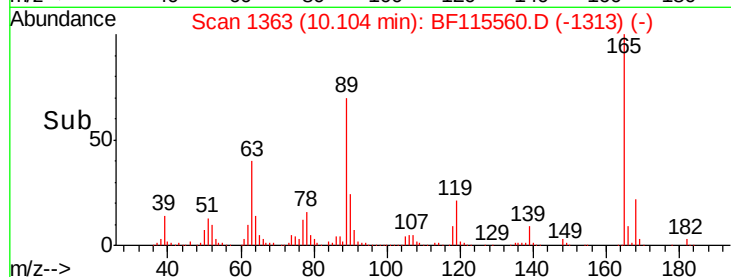
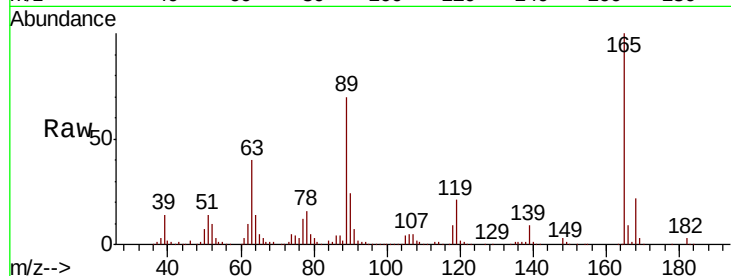




#57
2,4-Dinitrotoluene
Concen: 49.621 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

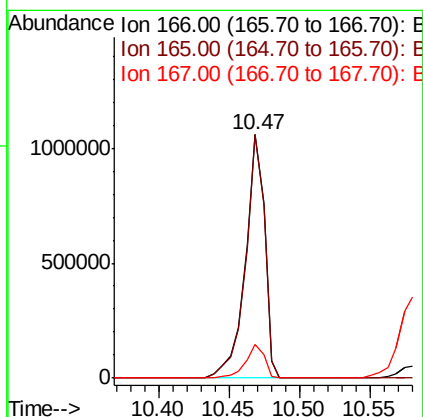
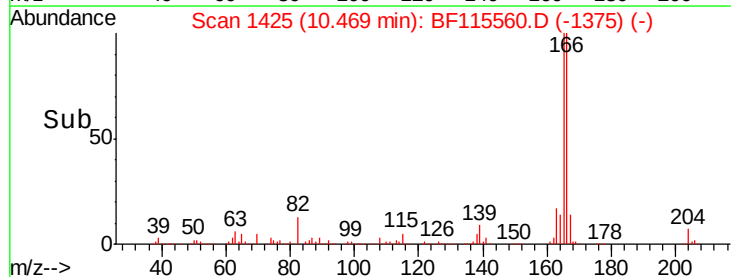
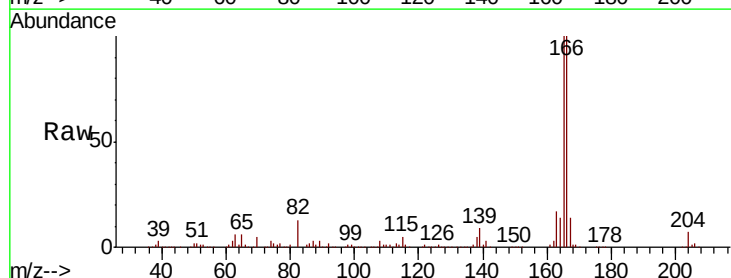
Instrument :
BNA_F
ClientSampleId :
PB121224BS

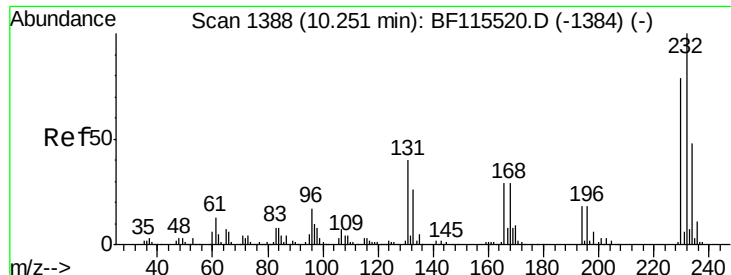
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.8	34.9	52.3
89	69.7	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 46.058 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.6
167	14.1	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.955 ng

RT: 10.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampled :

PB121224BS

Tot Ion:232 Resp: 320742

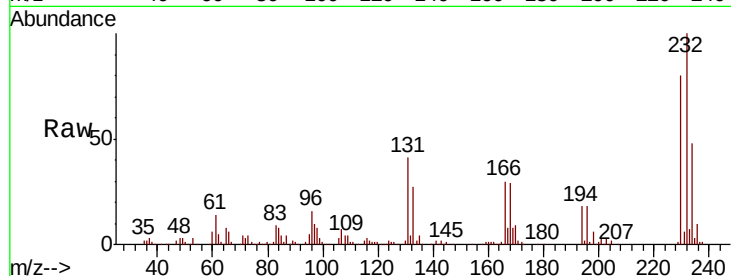
Ion Ratio Lower Upper

232 100

131 44.5 35.9 53.9

130 2.1 1.8 2.6

166 30.7 24.8 37.2

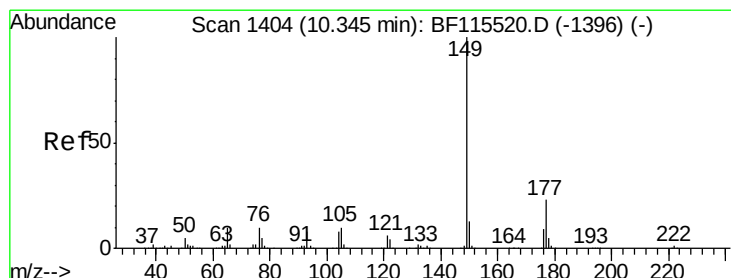
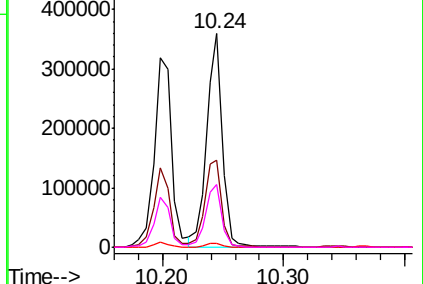
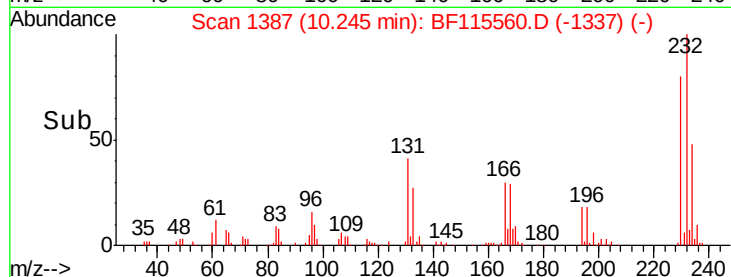


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.297 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

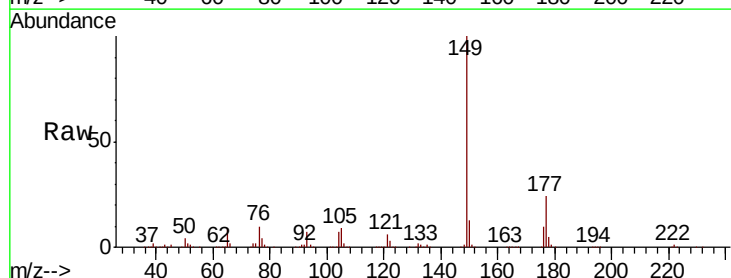
Tgt Ion:149 Resp: 1158694

Ion Ratio Lower Upper

149 100

177 24.4 19.5 29.3

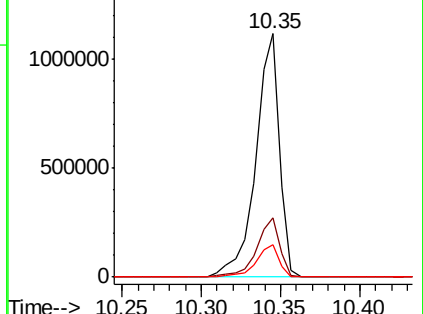
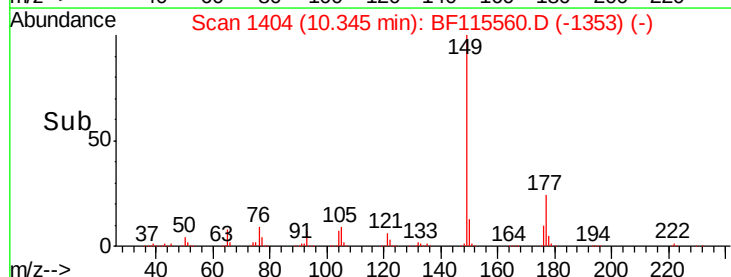
150 13.2 10.4 15.6

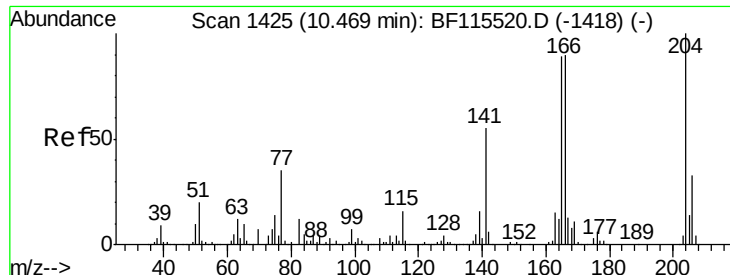


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

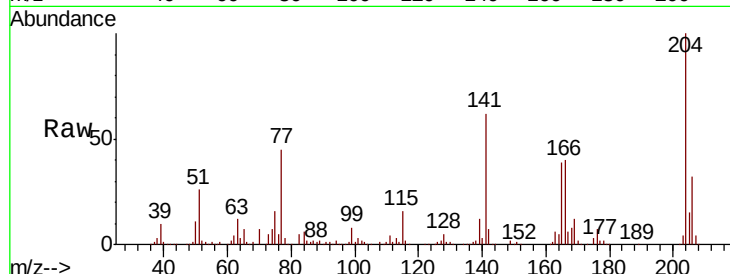




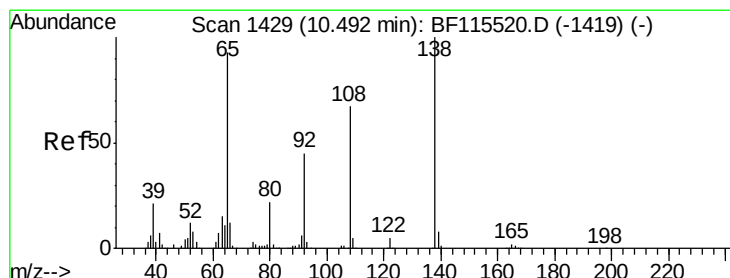
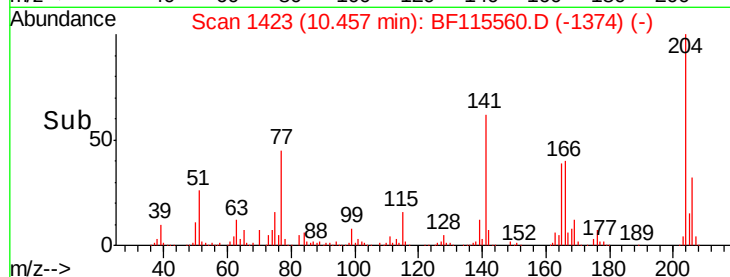
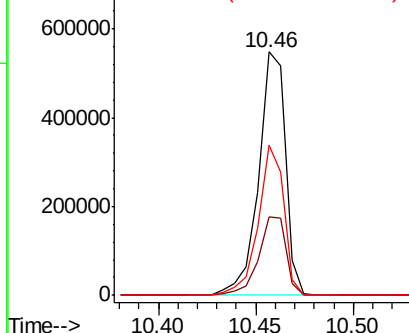
#61
4-Chlorophenyl-phenylether
Concen: 42.946 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:204 Resp: 523257
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 61.9 44.2 66.2

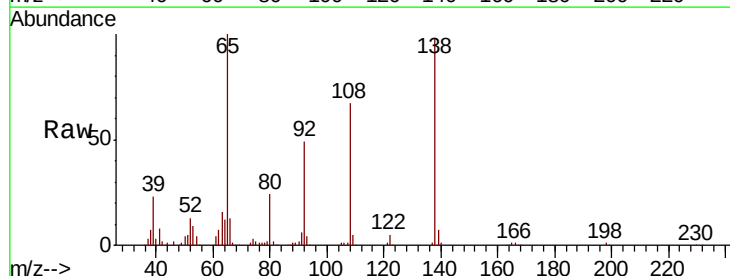


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

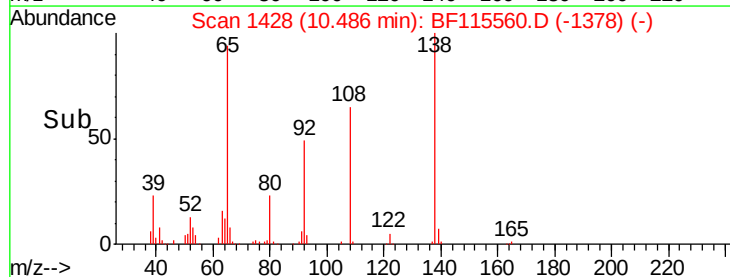
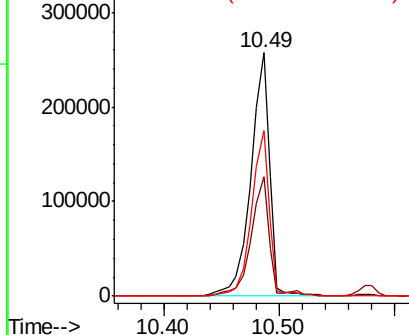


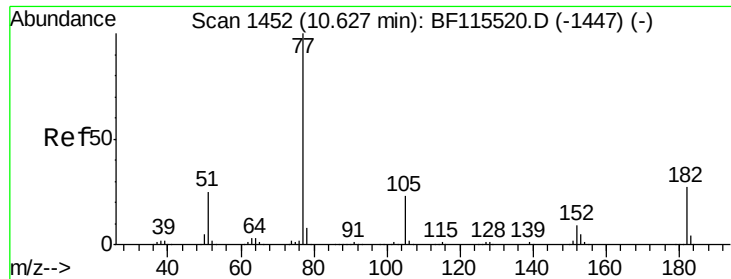
#62
4-Nitroaniline
Concen: 44.438 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:138 Resp: 289435
Ion Ratio Lower Upper
138 100
92 49.3 27.1 67.1
108 67.8 48.0 88.0



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

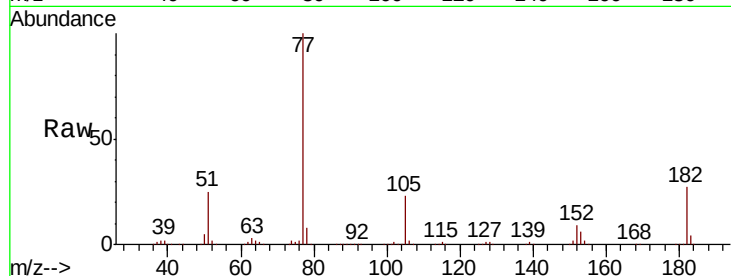




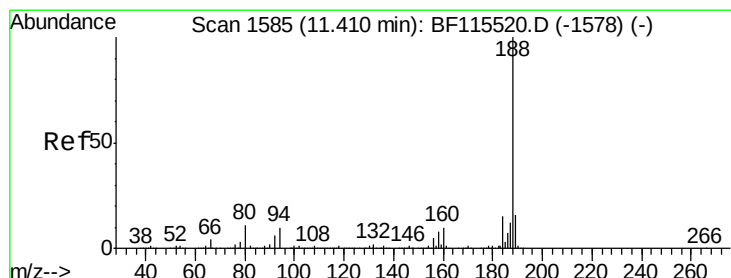
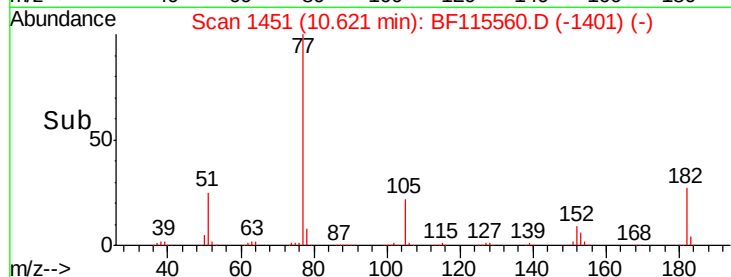
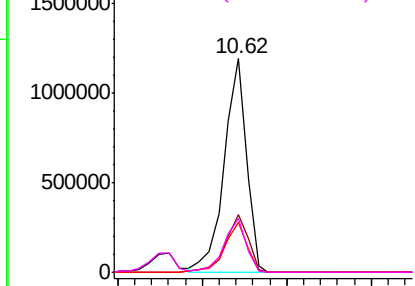
#63
Azobenzene
Concen: 45.692 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion: 77 Resp: 1085745
Ion Ratio Lower Upper
77 100
182 27.0 6.9 46.9
105 23.1 3.9 43.9
51 25.2 7.3 47.3

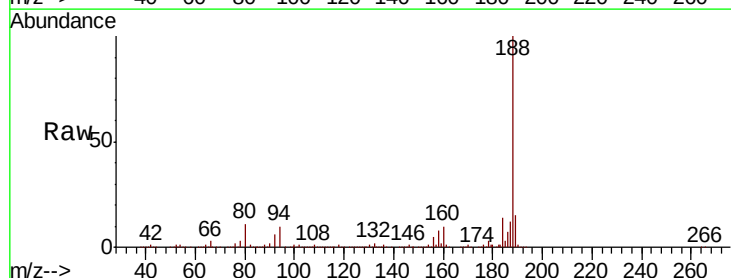


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

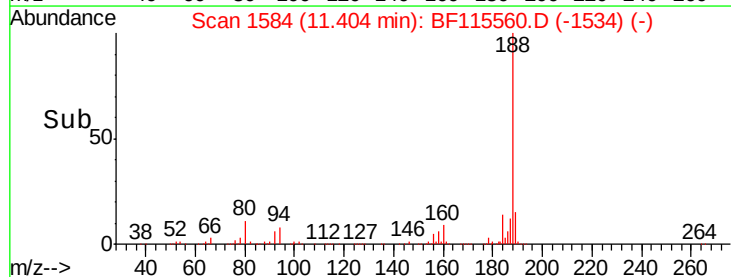
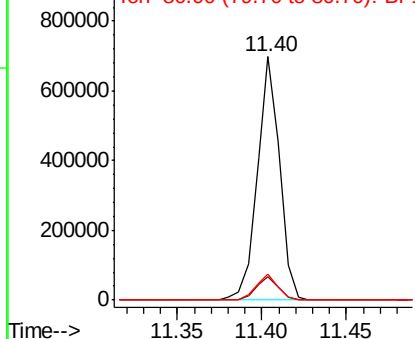


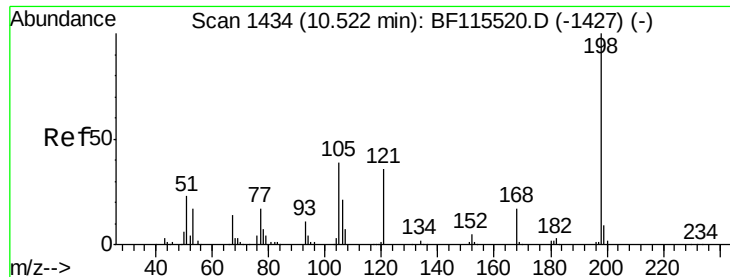
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion: 188 Resp: 640952
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.9 8.6 13.0



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

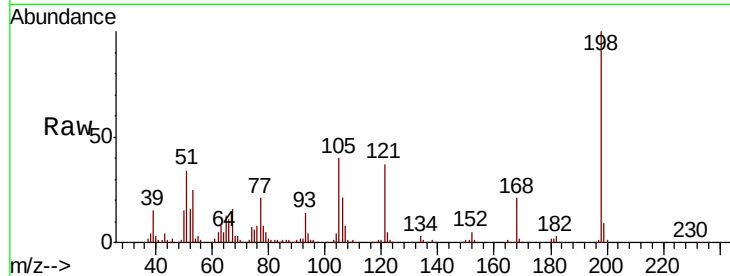




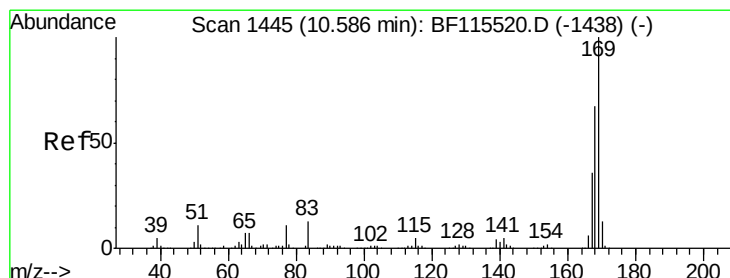
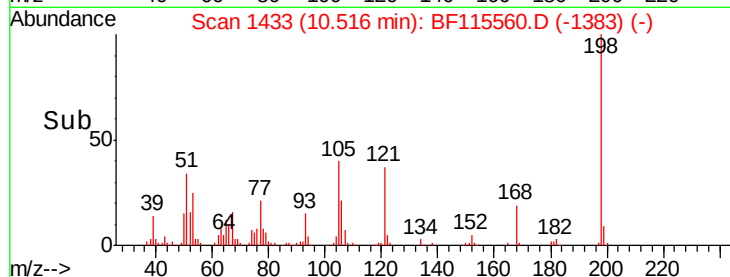
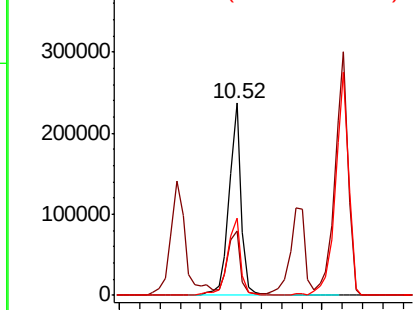
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.208 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.6	19.1	59.1
105	40.0	23.6	63.6

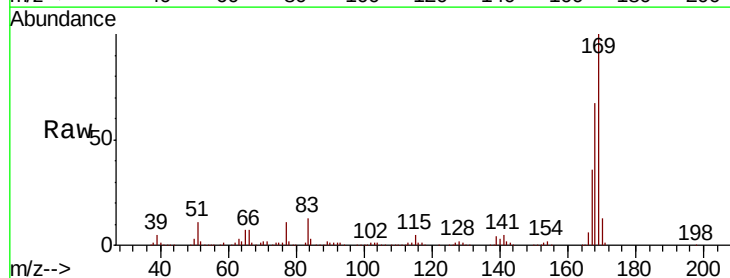


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

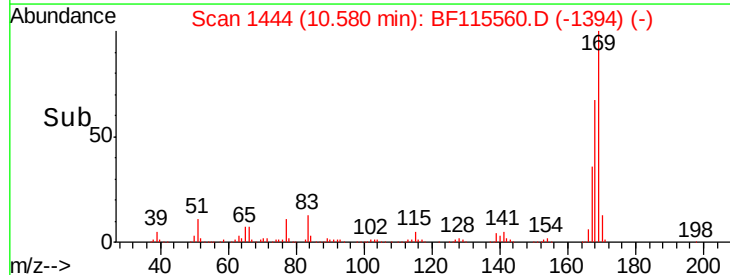
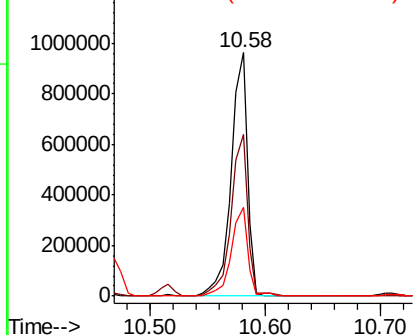


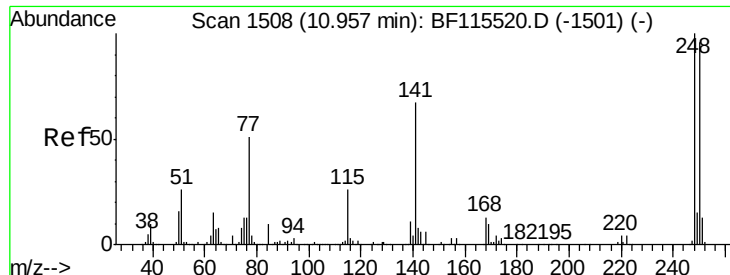
#66
 n-Nitrosodiphenylamine
 Concen: 47.409 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.3	81.5
167	36.5	30.2	45.2



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

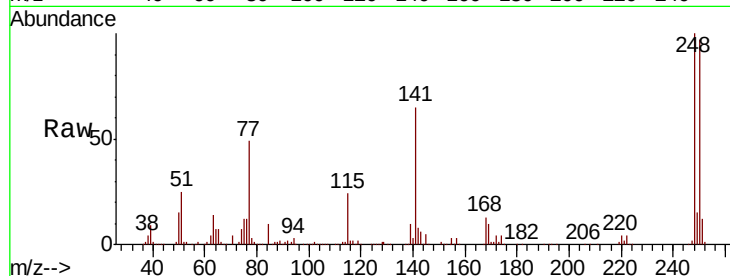




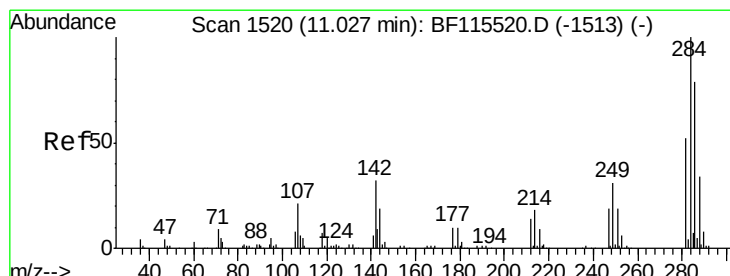
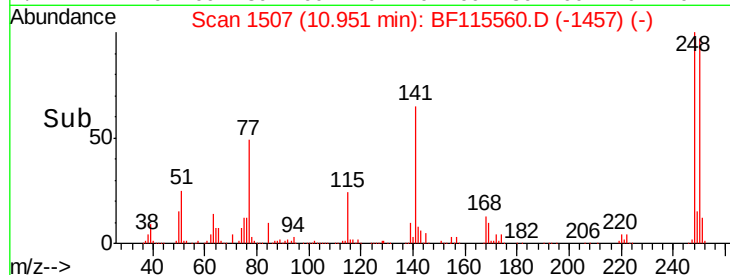
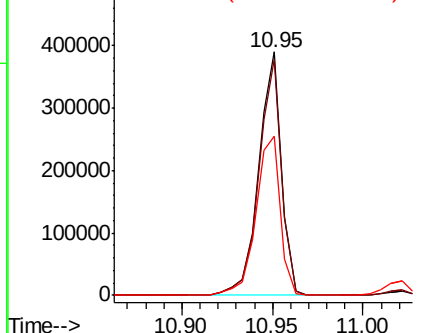
#67
 4-Bromophenyl-phenylether
 Concen: 46.357 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.0	117.0
141	65.4	57.7	86.5

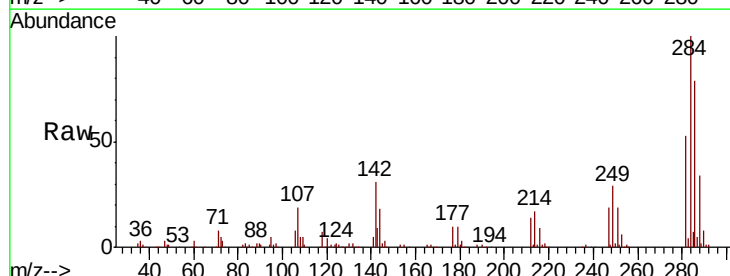


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

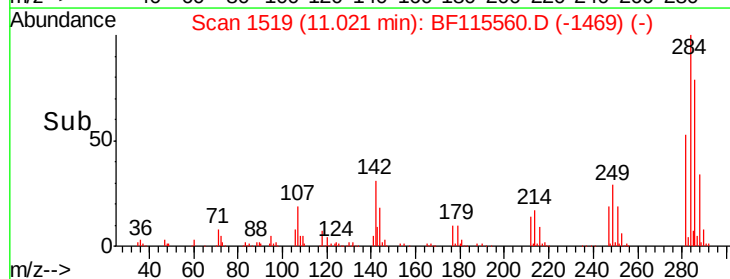
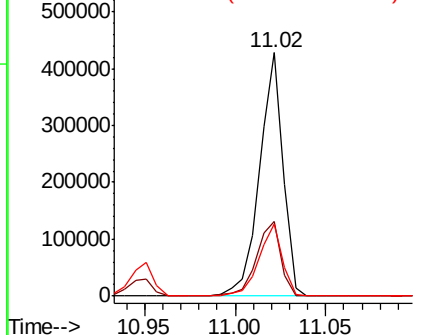


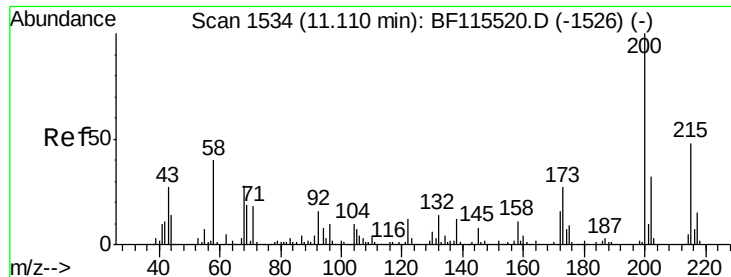
#68
 Hexachlorobenzene
 Concen: 46.002 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	22.2	33.2
249	29.5	23.4	35.2



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

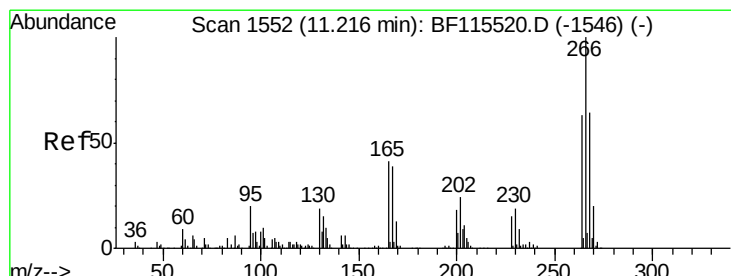
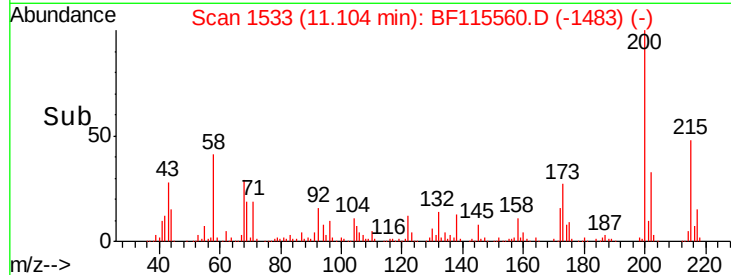
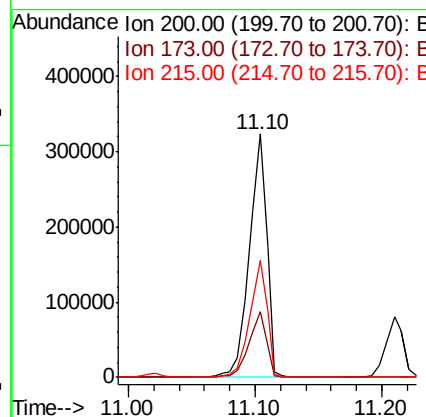
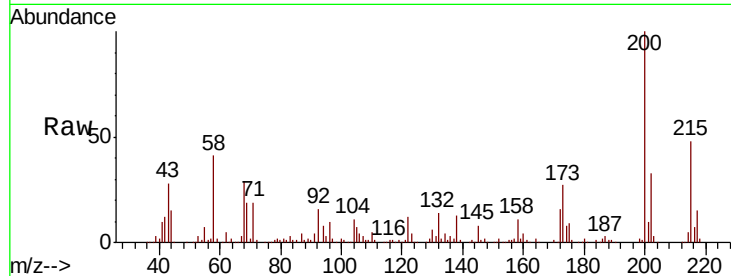




#69
 Atrazine
 Concen: 46.977 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

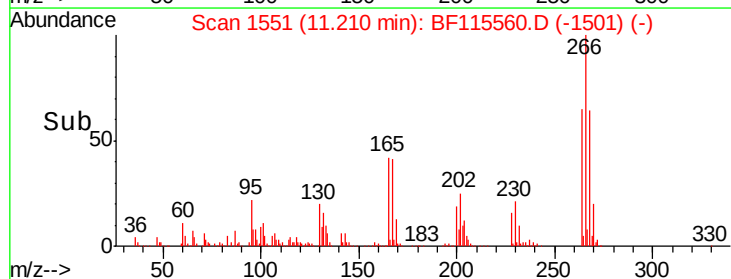
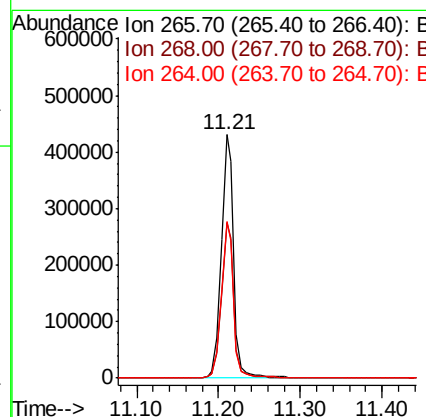
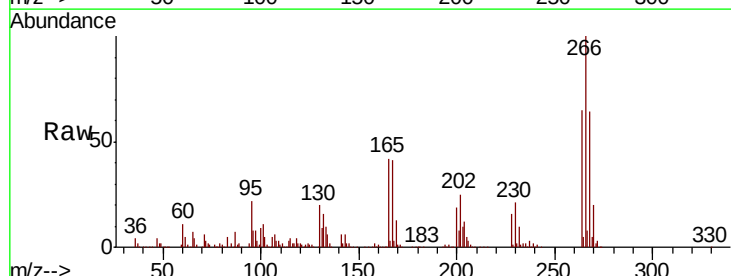
Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

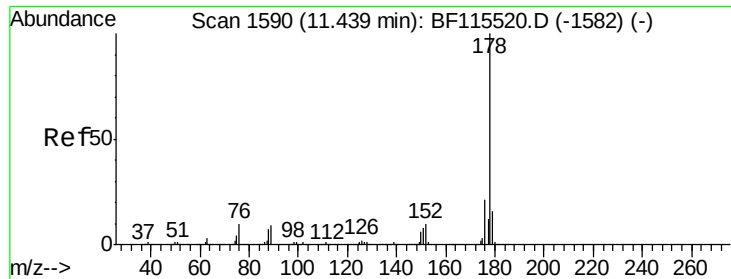
Tot Ion:200 Resp: 307262
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.9 46.9
 215 47.9 27.9 67.9



#70
 Pentachlorophenol
 Concen: 89.426 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Tgt Ion:266 Resp: 457503
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.6 77.4
 264 64.5 50.6 76.0

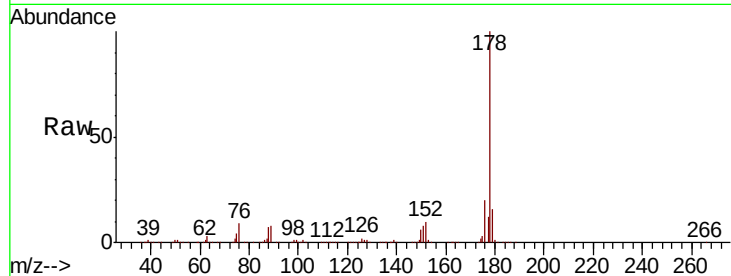




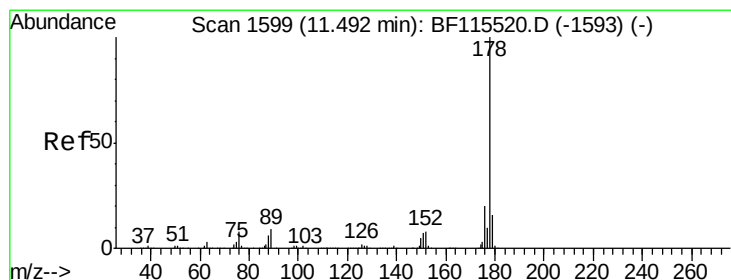
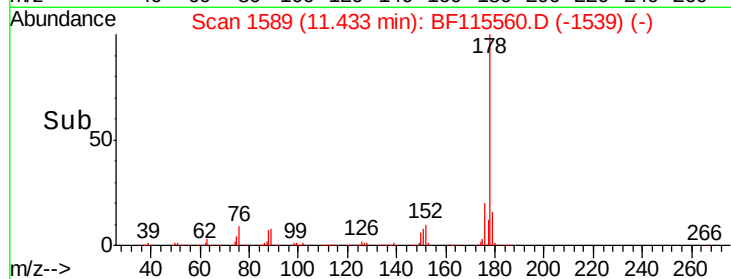
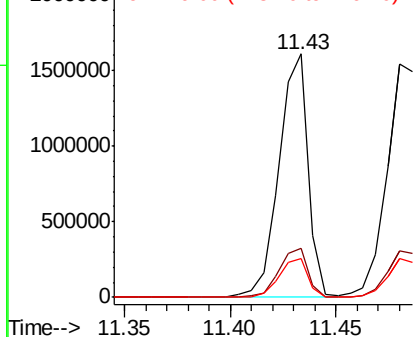
#71
Phenanthrene
Concen: 47.028 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:178 Resp: 1545086
Ion Ratio Lower Upper
178 100
176 20.3 17.2 25.8
179 16.0 13.5 20.3

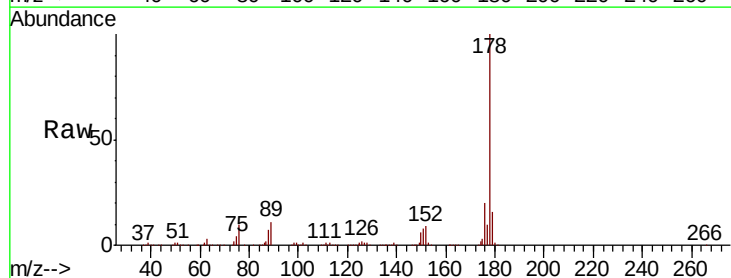


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

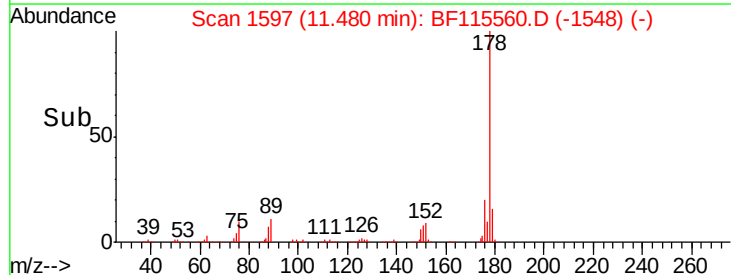
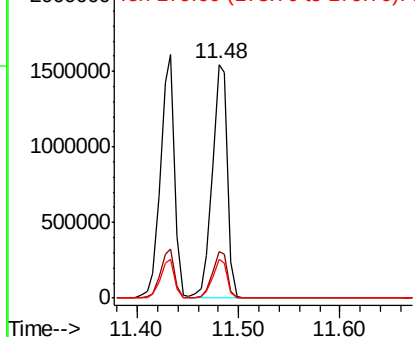


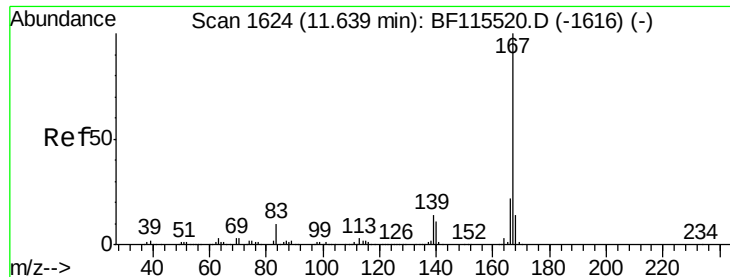
#72
Anthracene
Concen: 47.387 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:178 Resp: 1608979
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.4 12.7 19.1



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



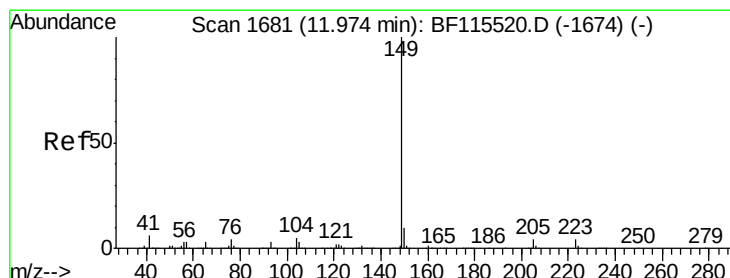
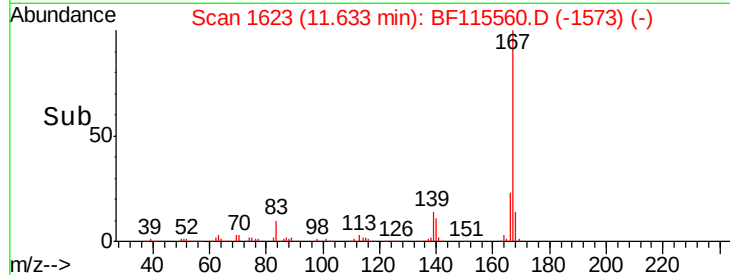
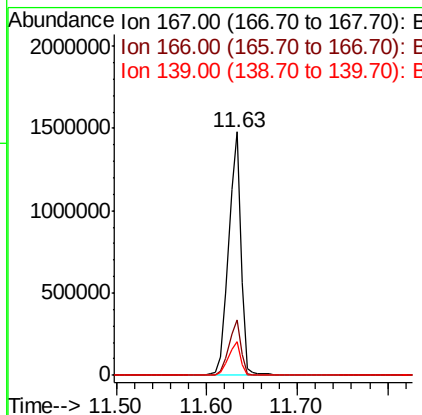
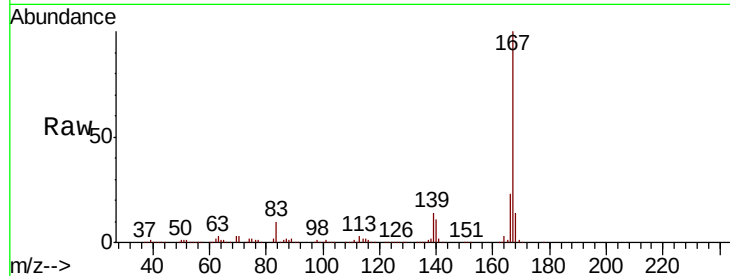


#73
 Carbazole
 Concen: 46.647 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BS

Tot Ion:167 Resp: 1388926

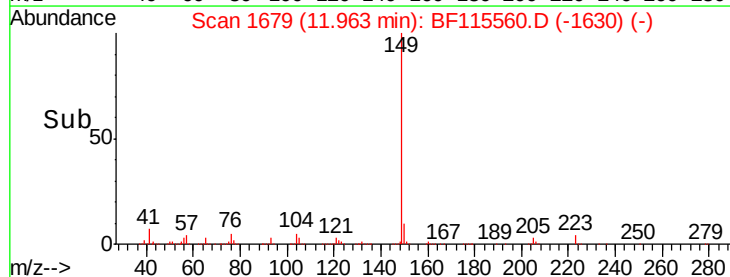
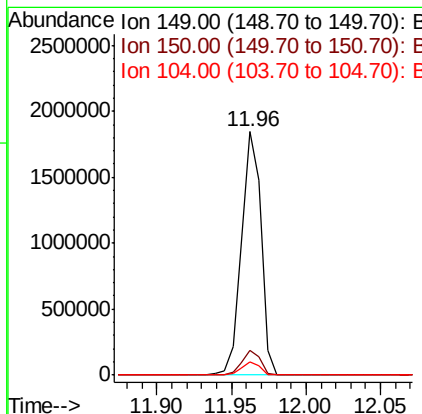
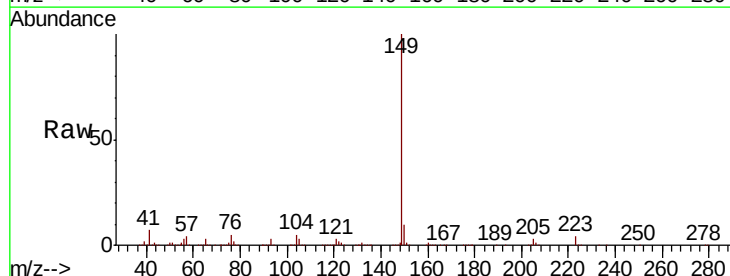
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	14.0	11.3	16.9

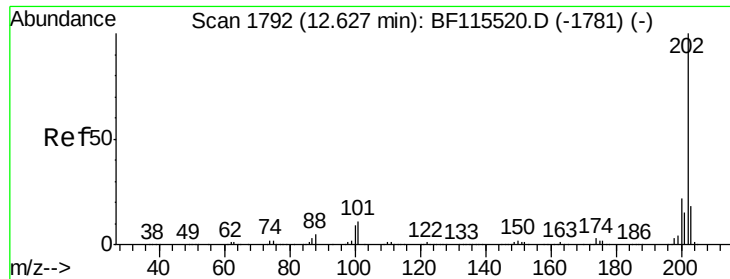


#74
 Di-n-butylphthalate
 Concen: 45.685 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115560.D
 Acq: 15 Jul 2019 16:59

Tgt Ion:149 Resp: 1675551

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.2	3.8	5.8

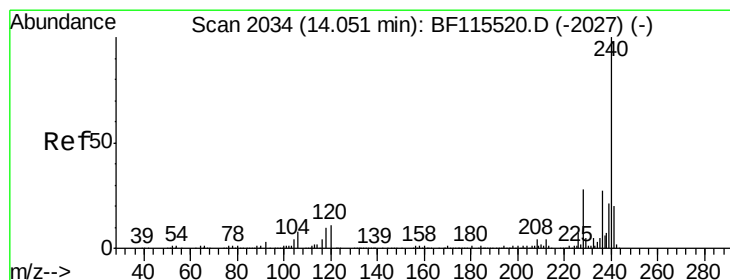
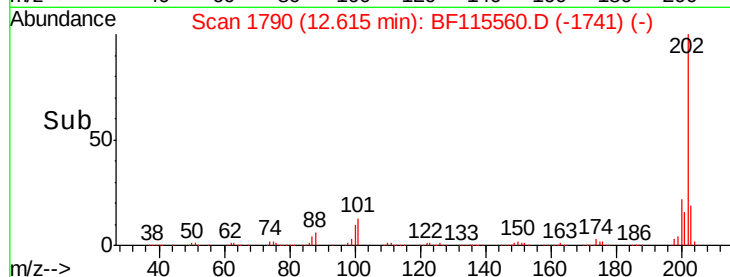
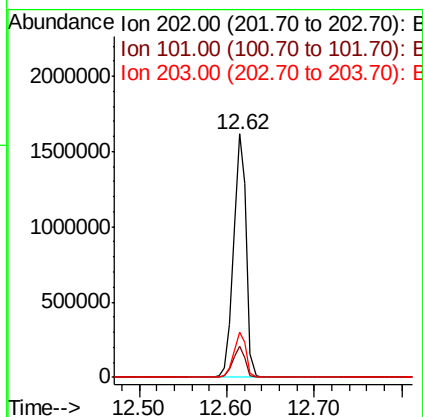
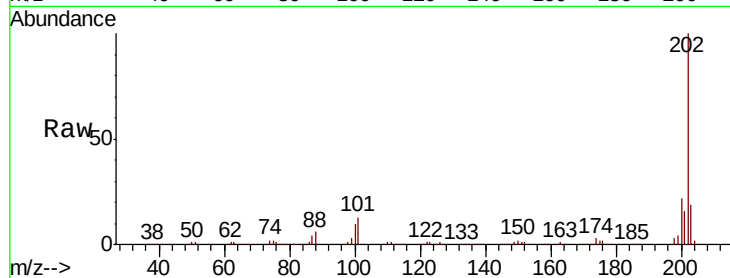




#75
Fluoranthene
Concen: 46.134 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

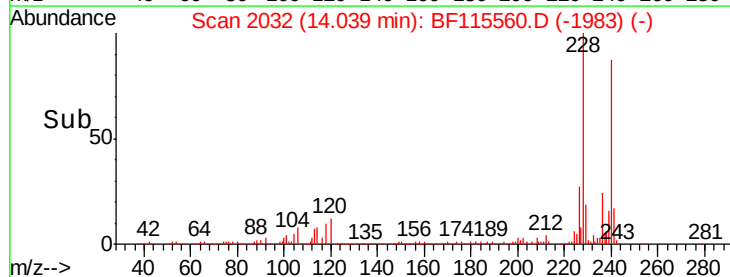
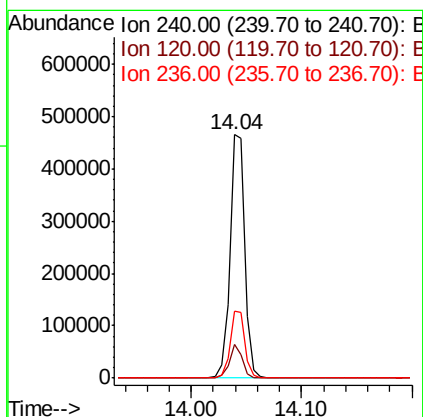
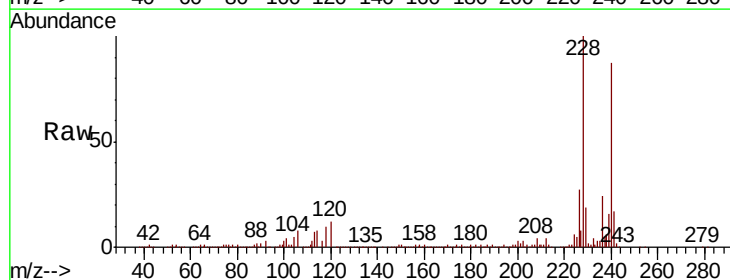
Instrument :
BNA_F
ClientSampleId :
PB121224BS

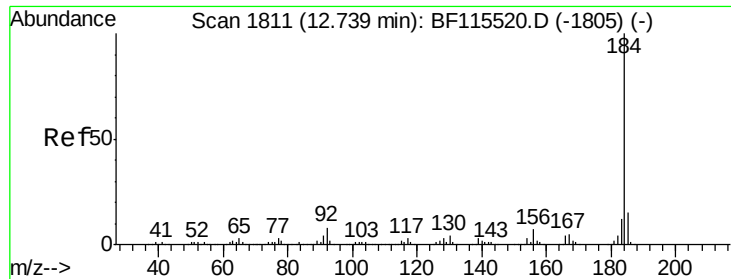
Tot Ion:202 Resp: 1601704
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.4
203 18.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:240 Resp: 437310
Ion Ratio Lower Upper
240 100
120 13.6 8.6 13.0#
236 27.5 21.3 31.9





#77

Benzidine

Concen: 56.720 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

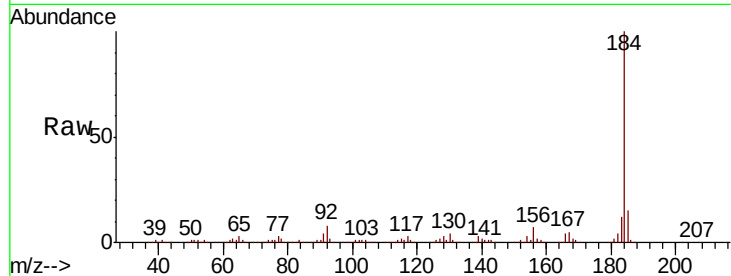
Tot Ion:184 Resp: 878689

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

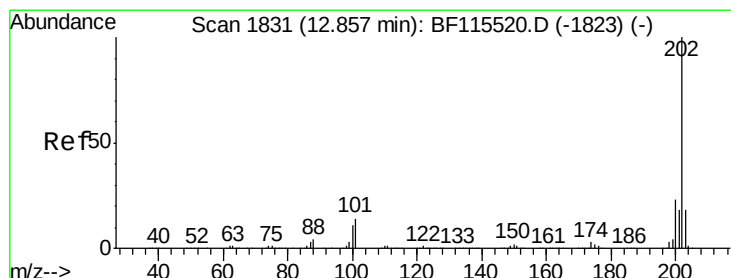
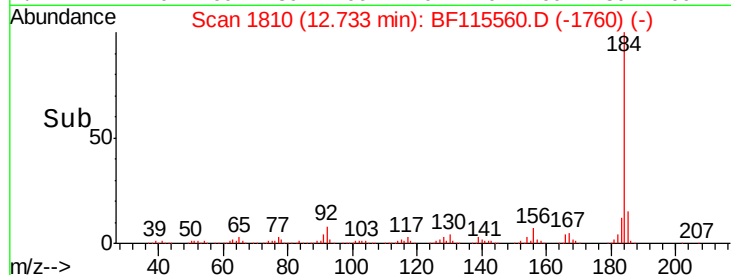
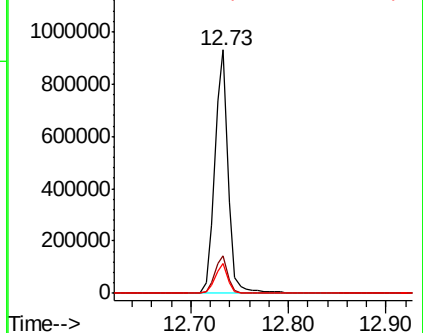
183 12.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.091 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

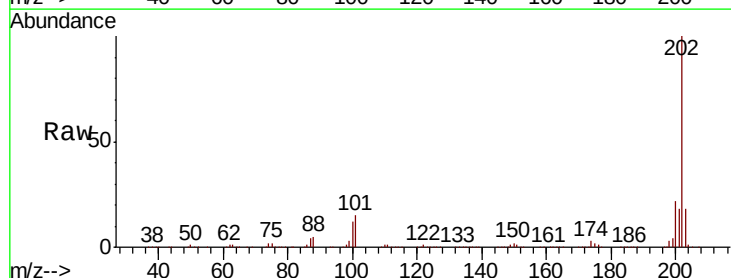
Tgt Ion:202 Resp: 1707706

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

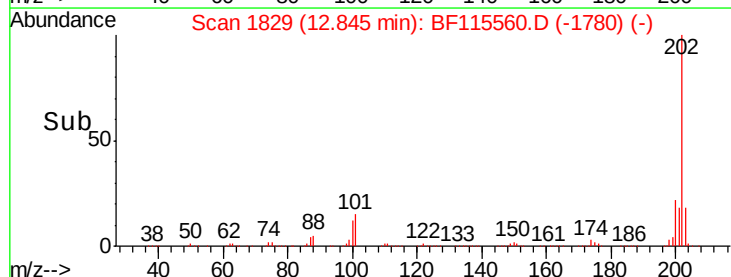
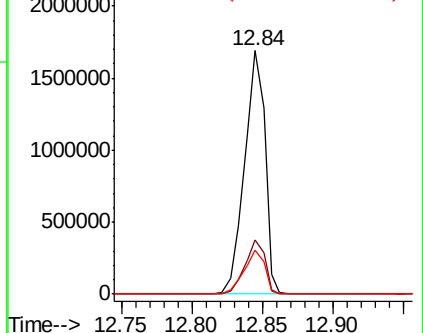
203 18.2 15.2 22.8

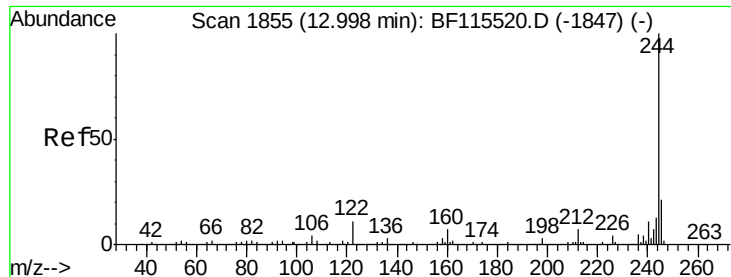


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.739 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

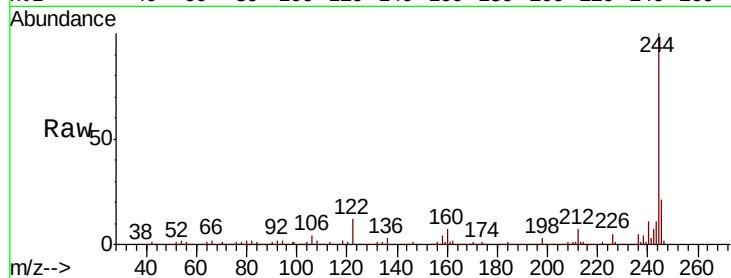
Tot Ion:244 Resp: 2126838

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

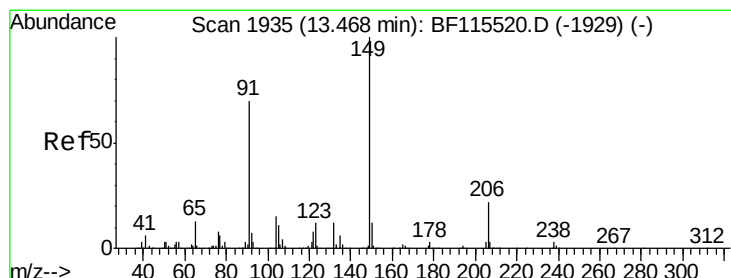
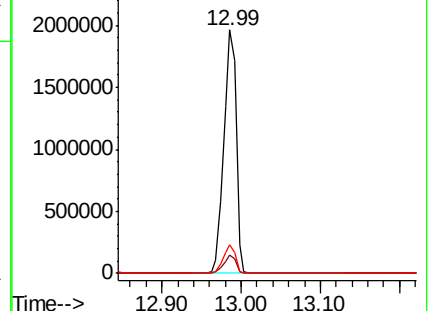
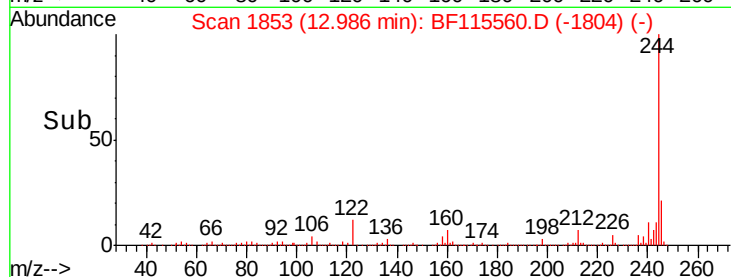
122 11.8 8.6 12.8



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: 45.774 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

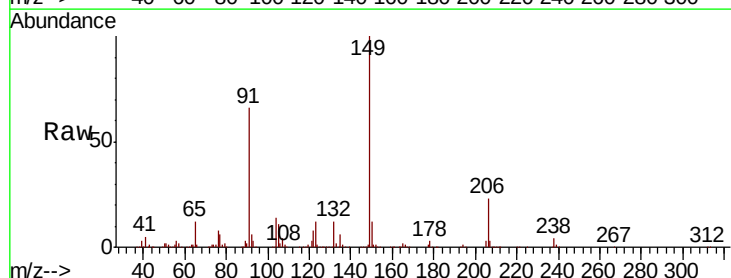
Tgt Ion:149 Resp: 722973

Ion Ratio Lower Upper

149 100

91 65.6 55.8 83.8

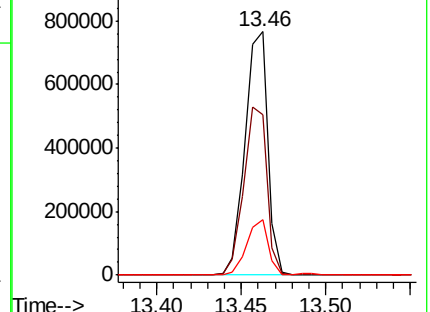
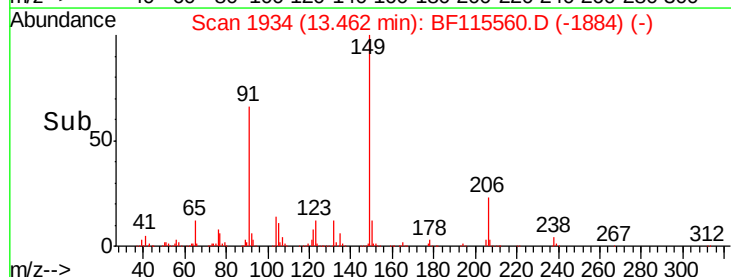
206 22.8 18.2 27.2

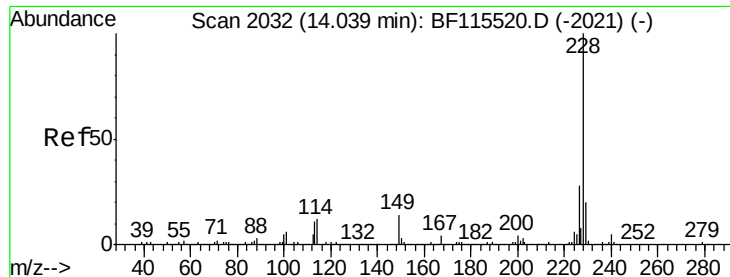


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.916 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

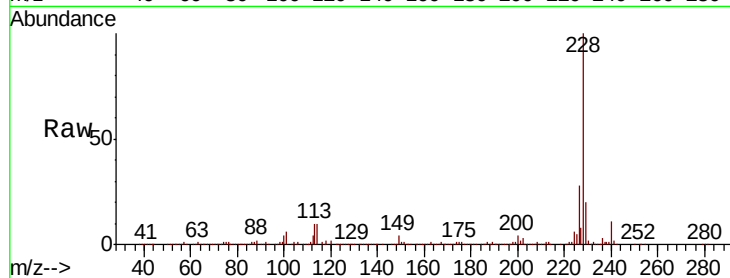
Tot Ion:228 Resp: 1322846

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.0
229	20.3	17.2	25.8

228 100

226 27.8 23.4 35.0

229 20.3 17.2 25.8

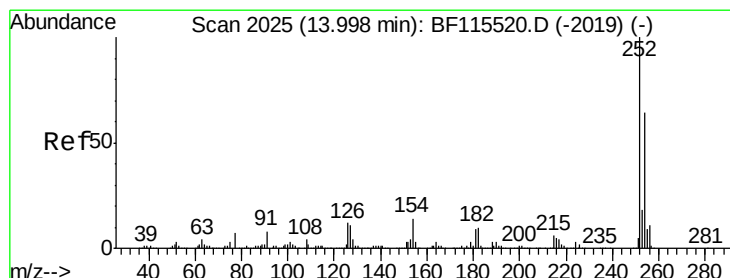
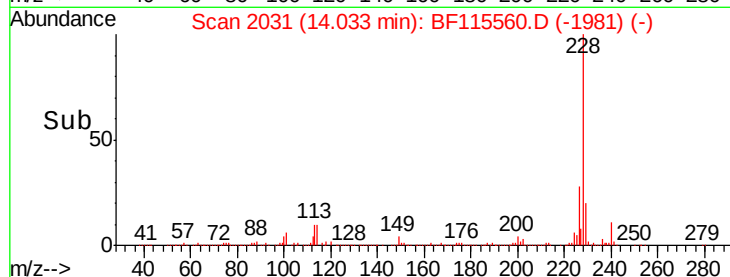
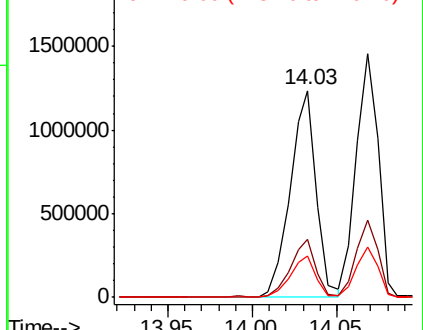


Abundance

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: 37.670 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

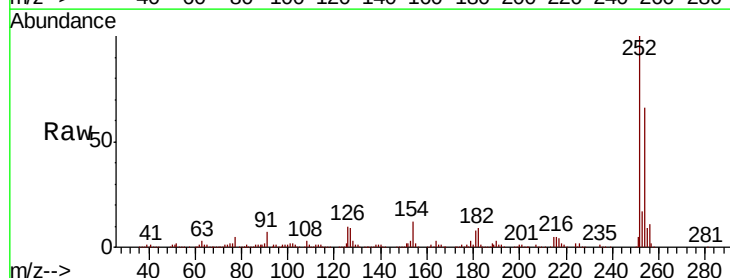
Tgt Ion:252 Resp: 385806

Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.9	79.3
126	10.0	9.9	14.9

252 100

254 66.0 52.9 79.3

126 10.0 9.9 14.9

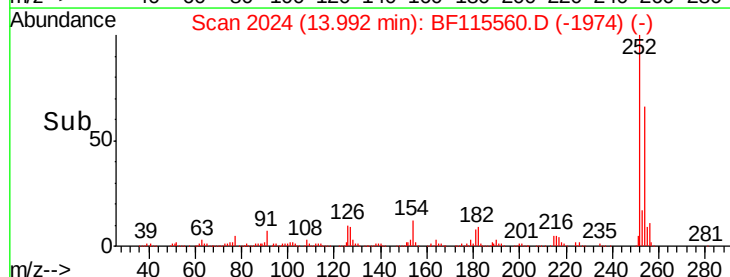
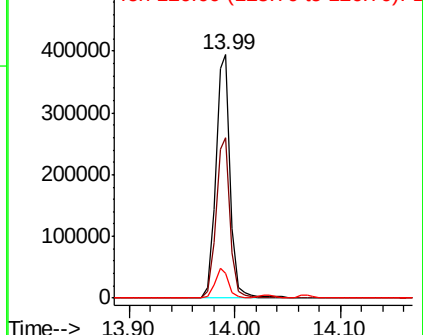


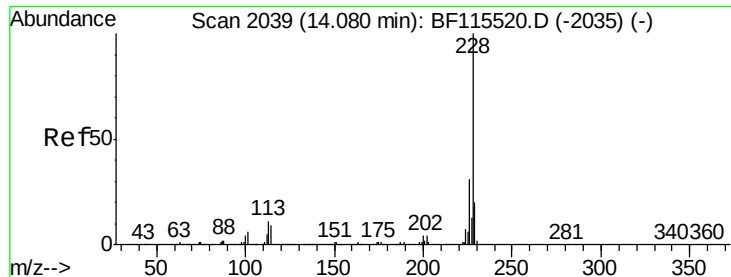
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.187 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

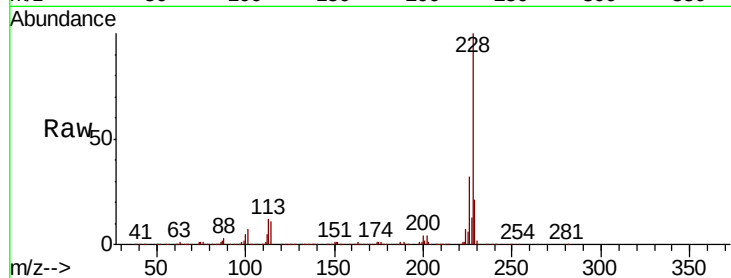
BNA_F

ClientSampleId :

PB121224BS

Tot Ion:228 Resp: 1335777

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.7	38.5
229	20.8	16.6	25.0

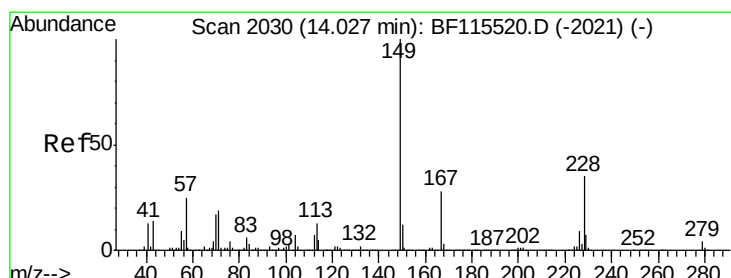
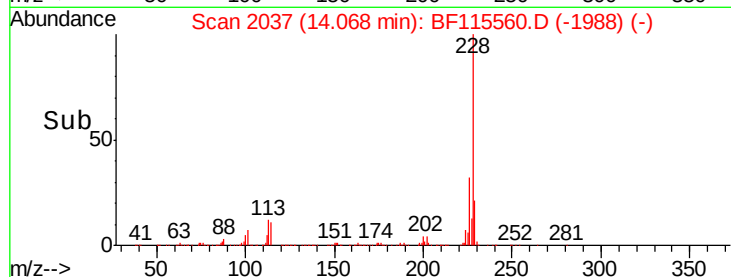
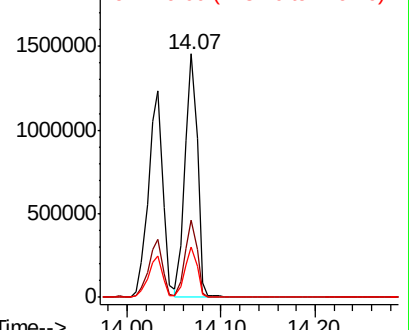


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.814 ng

RT: 14.02 min Scan# 2029

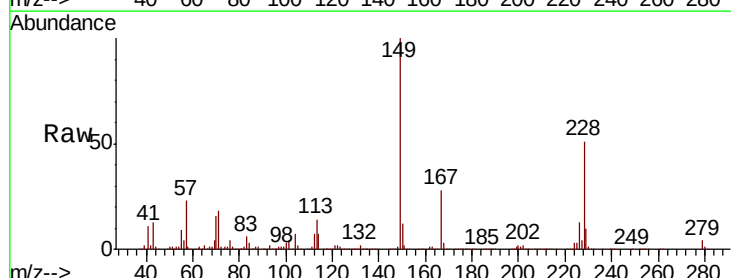
Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Tgt Ion:149 Resp: 896322

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.2	4.2	6.2

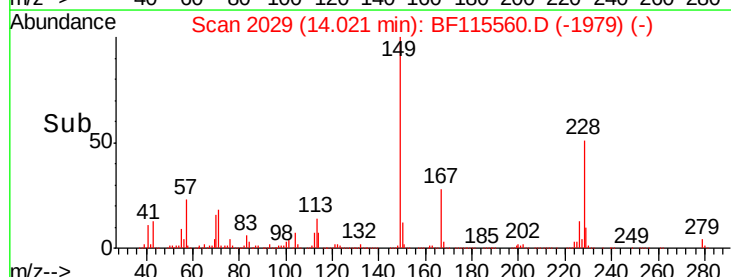
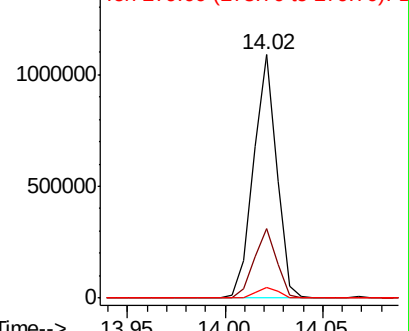


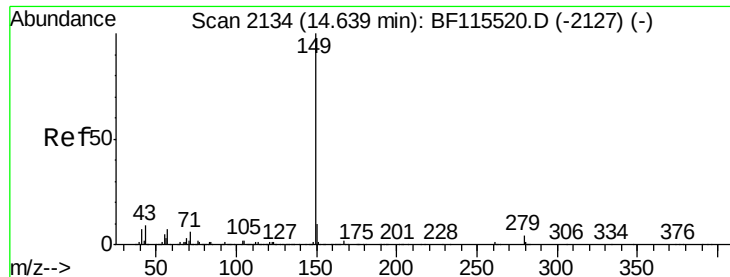
Abundance

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: 49.166 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

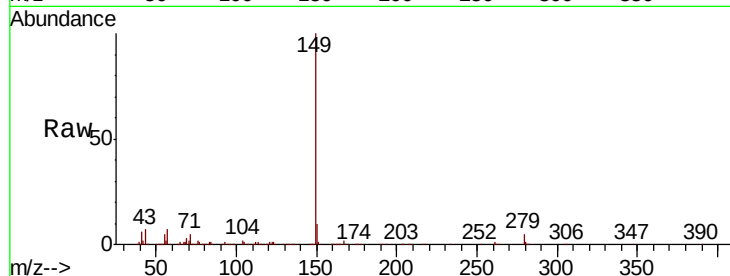
Tot Ion:149 Resp: 1530475

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

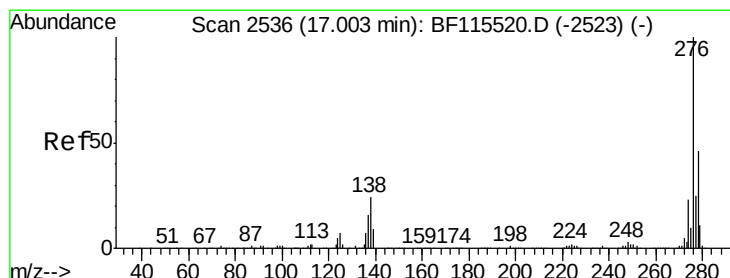
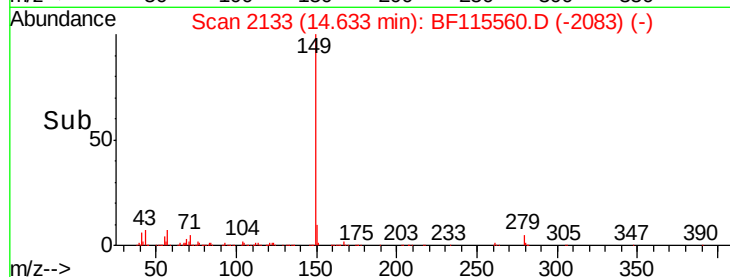
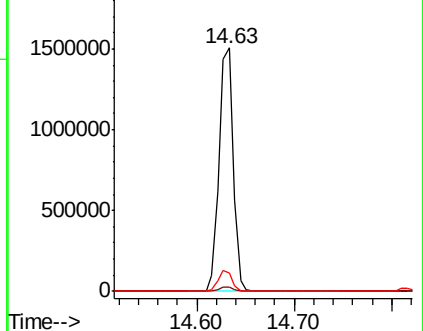
43 8.3 7.2 10.8



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: 44.691 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

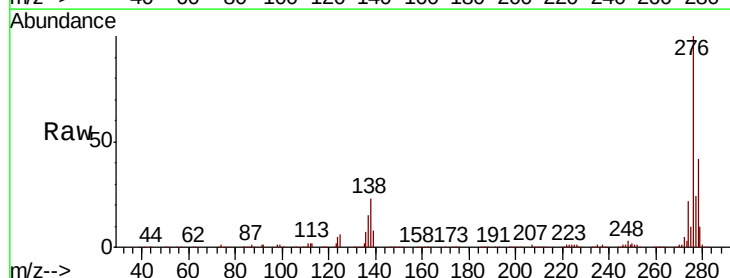
Tgt Ion:276 Resp: 1098104

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

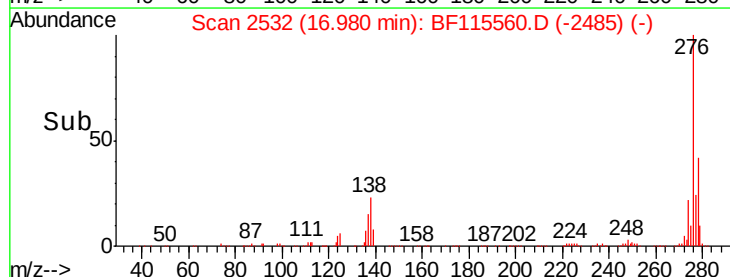
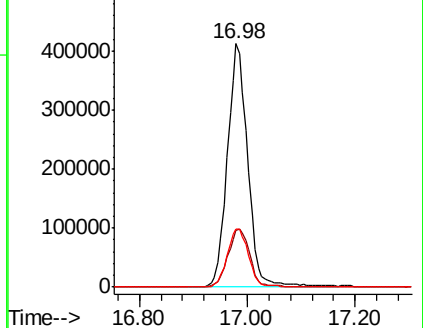
277 25.2 20.4 30.6

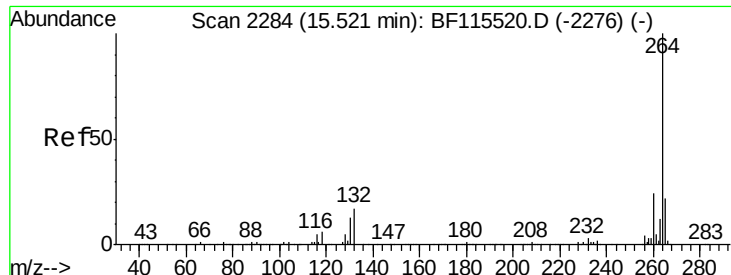


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

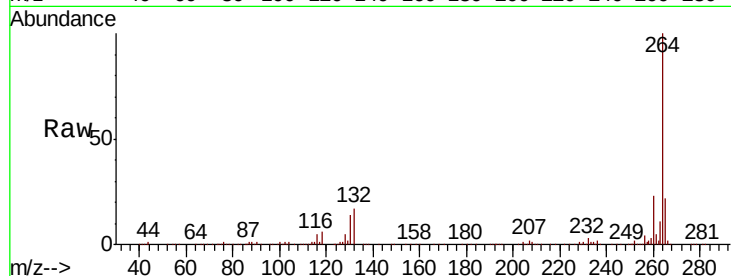




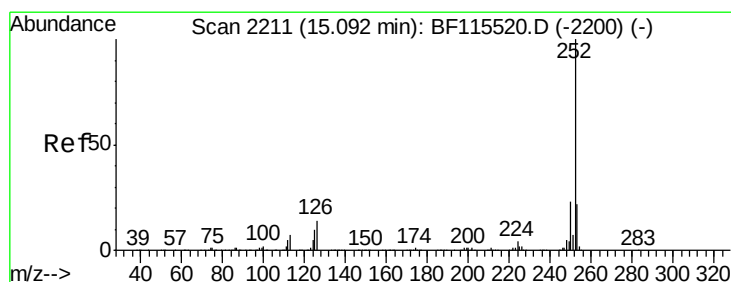
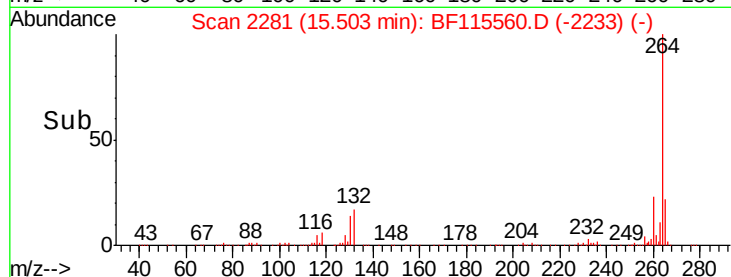
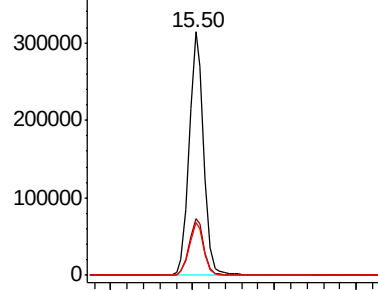
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:264 Resp: 389252
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.8
265 21.9 17.7 26.5

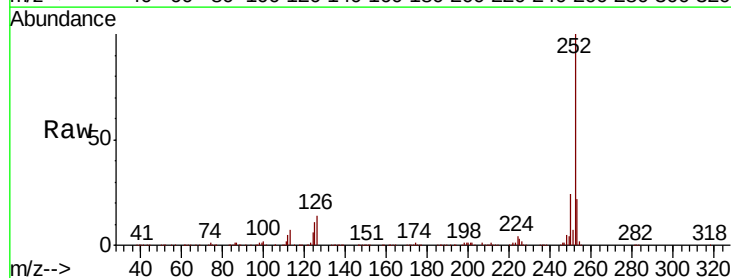


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

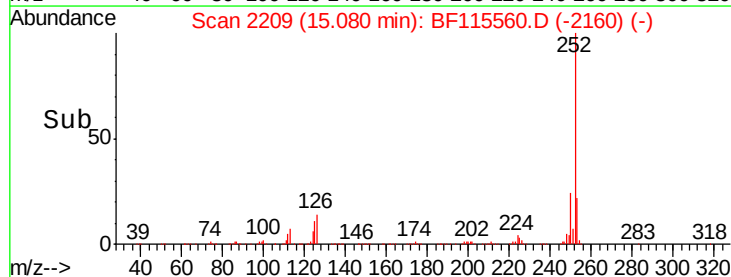
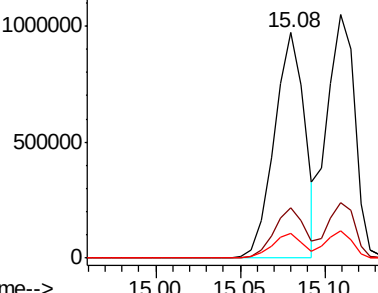


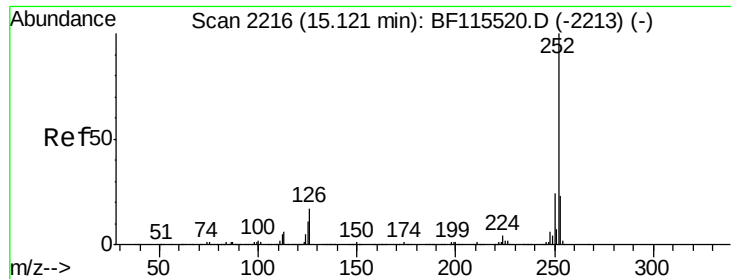
#88
Benzo(b)fluoranthene
Concen: 48.377 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:252 Resp: 1212551
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.0 9.0 13.4



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

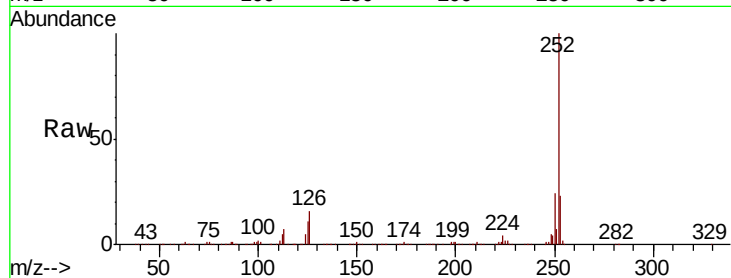




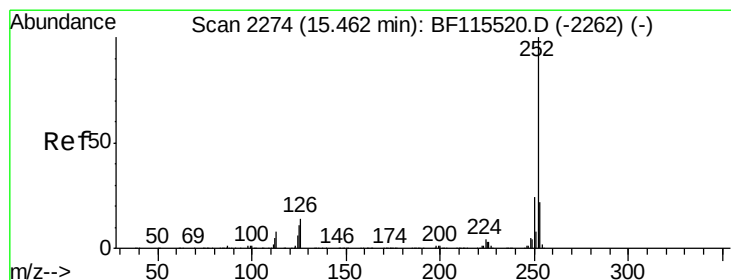
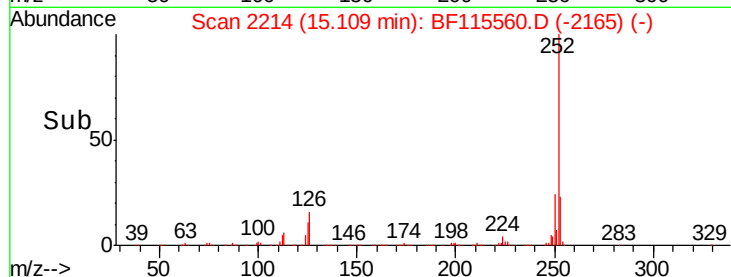
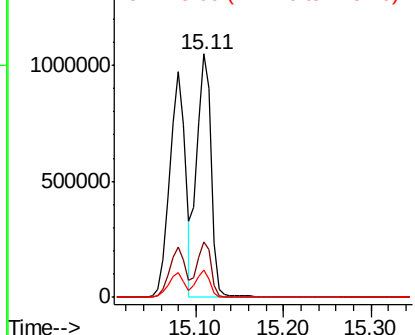
#89
Benzo(k)fluoranthene
Concen: 54.050 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Instrument :
BNA_F
ClientSampleId :
PB121224BS

Tot Ion:252 Resp: 1207838
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 11.2 9.0 13.6

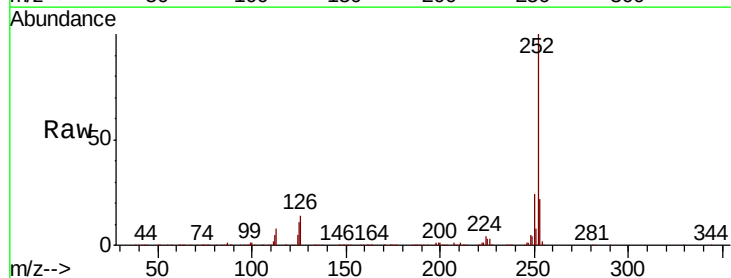


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

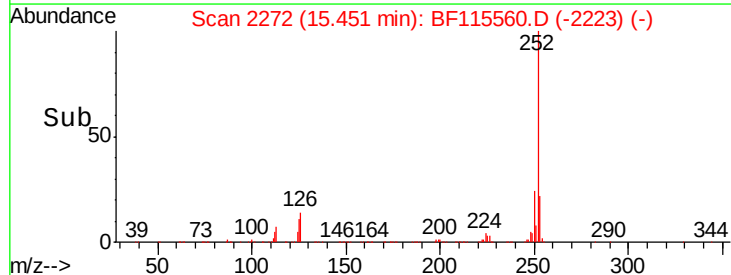
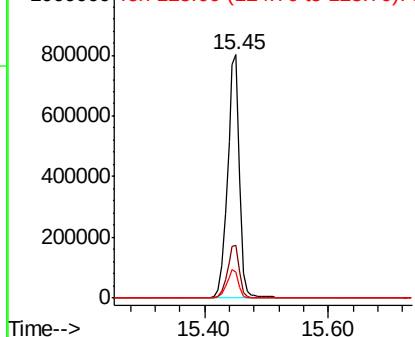


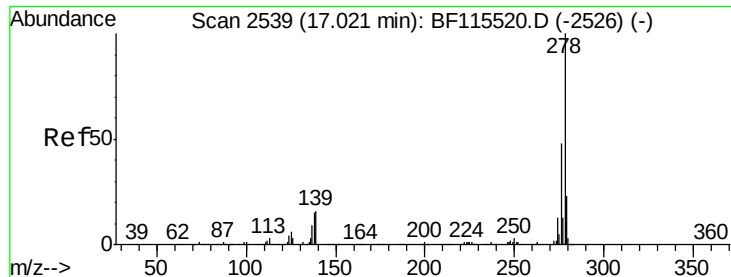
#90
Benzo(a)pyrene
Concen: 50.005 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115560.D
Acq: 15 Jul 2019 16:59

Tgt Ion:252 Resp: 1077249
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.8 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 48.844 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA_F

ClientSampleId :

PB121224BS

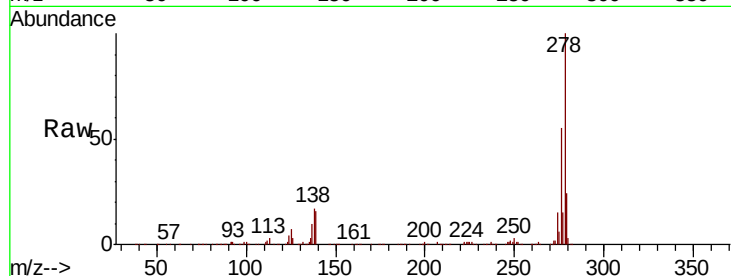
Tot Ion:278 Resp: 923753

Ion Ratio Lower Upper

278 100

139 16.2 13.1 19.7

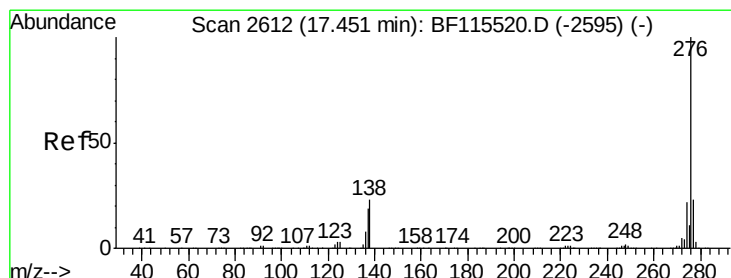
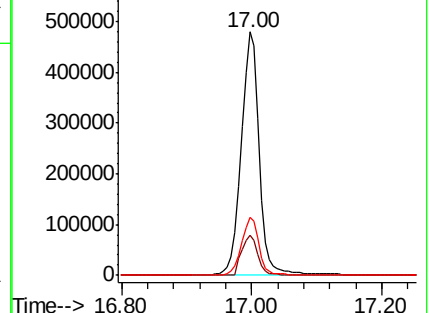
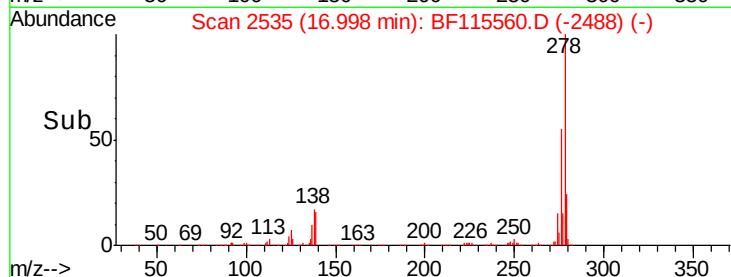
279 24.1 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.902 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

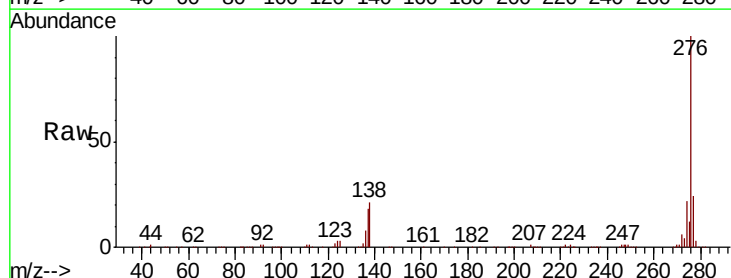
Tgt Ion:276 Resp: 865793

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.8 17.2 25.8



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

