

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119136.D
 Acq On : 28 Feb 2020 17:45
 Operator : CG/JU
 Sample : L1719-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:39:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118844	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	457775	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	255465	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	489370	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	375312	20.00	ng	-0.01
87) Perylene-d12	15.31	264	384907	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	959445	134.92	ng	0.00
7) Phenol-d6	6.39	99	1151628	133.16	ng	-0.02
23) Nitrobenzene-d5	7.30	82	769084	88.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	442198	132.32	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1496561	86.30	ng	-0.02
79) Terphenyl-d14	12.83	244	1866437	85.62	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.45	88	125595	39.667 ng	99
3) Pyridine	3.19	79	313245	36.226 ng	98
4) n-Nitrosodimethylamine	3.12	42	127920	48.835 ng	99
6) Aniline	6.40	93	336862	31.565 ng	90
8) 2-Chlorophenol	6.52	128	391458	51.007 ng	99
9) Benzaldehyde	6.28	77	154335	26.709 ng	99
10) Phenol	6.40	94	454146	48.567 ng	95
11) bis(2-Chloroethyl)ether	6.47	93	347168	48.523 ng	98
12) 1,3-Dichlorobenzene	6.67	146	423614	46.053 ng	99
13) 1,4-Dichlorobenzene	6.75	146	431300	46.856 ng	99
14) 1,2-Dichlorobenzene	6.90	146	399856	47.632 ng	99
15) Benzyl Alcohol	6.88	79	323549	51.762 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	276383	44.594 ng	74
17) 2-Methylphenol	7.00	107	312354	50.200 ng	99
18) Hexachloroethane	7.25	117	154500	46.916 ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	254178	50.436 ng	98
20) 3+4-Methylphenols	7.16	107	395084	51.828 ng	94
22) Acetophenone	7.15	105	511805	48.321 ng	# 96
24) Nitrobenzene	7.32	77	395548	46.135 ng	99
25) Isophorone	7.56	82	716388	47.578 ng	98
26) 2-Nitrophenol	7.63	139	216281	47.610 ng	98
27) 2,4-Dimethylphenol	7.68	122	327765	53.162 ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	435860	44.472 ng	99
29) 2,4-Dichlorophenol	7.89	162	338924	46.696 ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	377959	43.921 ng	98
31) Naphthalene	8.04	128	1093463	46.058 ng	98
32) Benzoic acid	7.83	122	207619	46.409 ng	98
33) 4-Chloroaniline	8.09	127	163808	16.042 ng	99
34) Hexachlorobutadiene	8.16	225	227621	42.464 ng	98
35) Caprolactam	8.47	113	62014	27.748 ng	91
36) 4-Chloro-3-methylphenol	8.59	107	359090	48.885 ng	99
37) 2-Methylnaphthalene	8.73	142	764407	47.844 ng	99
38) 1-Methylnaphthalene	8.83	142	712786	47.438 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	377591	43.839 ng	99

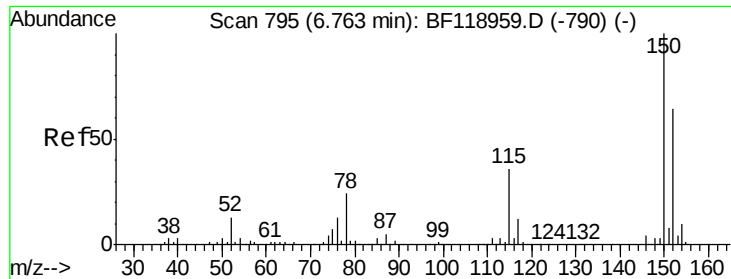
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
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 Acq On : 28 Feb 2020 17:45
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Quant Time: Mar 02 02:39:04 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	249169	79.536	nq	100
43) 2,4,6-Trichlorophenol	9.02	196	245685	45.169	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	258510	45.292	nq	98
46) 1,1'-Biphenyl	9.19	154	930975	45.091	nq	98
47) 2-Chloronaphthalene	9.22	162	740499	44.506	nq	98
48) 2-Nitroaniline	9.32	65	209690	45.185	nq	96
49) Acenaphthylene	9.63	152	1145445	47.666	nq	99
50) Dimethylphthalate	9.50	163	1028332	52.641	nq	99
51) 2,6-Dinitrotoluene	9.56	165	206974	47.689	nq	97
52) Acenaphthene	9.80	154	673864	46.505	nq	99
53) 3-Nitroaniline	9.73	138	108295	22.508	nq	96
54) 2,4-Dinitrophenol	9.85	184	185549	87.220	nq	99
55) Dibenzofuran	9.97	168	1020101	47.166	nq	98
56) 4-Nitrophenol	9.92	139	251957	87.157	nq	98
57) 2,4-Dinitrotoluene	9.97	165	269222	47.857	nq	96
58) Fluorene	10.32	166	814114	48.442	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	227319	47.200	nq	99
60) Diethylphthalate	10.19	149	905345	49.179	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	421773	47.413	nq	94
62) 4-Nitroaniline	10.35	138	204898	41.623	nq	96
63) Azobenzene	10.47	77	791654	49.473	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	153734	51.915	nq	86
66) n-Nitrosodiphenylamine	10.43	169	746662	46.597	nq	100
67) 4-Bromophenyl-phenylether	10.80	248	283517	44.322	nq	92
68) Hexachlorobenzene	10.87	284	319392	43.307	nq	97
69) Atrazine	10.96	200	269585	48.153	nq	99
70) Pentachlorophenol	11.07	266	264611	89.069	nq	98
71) Phenanthrene	11.27	178	1237267	46.361	nq	98
72) Anthracene	11.33	178	1299716	48.741	nq	99
73) Carbazole	11.49	167	1112874	46.847	nq	98
74) Di-n-butylphthalate	11.82	149	1433006	49.812	nq	98
75) Fluoranthene	12.46	202	1360817	48.037	nq	99
77) Benzidine	12.58	184	534868	35.042	nq	98
78) Pyrene	12.69	202	1370587	45.478	nq	99
80) Butylbenzylphthalate	13.30	149	620153	48.893	nq	97
81) Benzo(a)anthracene	13.88	228	1211246	47.365	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	313276	31.549	nq	99
83) Chrysene	13.92	228	1181735	46.377	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	877416	54.756	nq	# 98
85) Di-n-octyl phthalate	14.47	149	1434381	56.181	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1174425	47.601	nq	100
88) Benzo(b)fluoranthene	14.90	252	1259789	49.655	nq	99
89) Benzo(k)fluoranthene	14.93	252	1034117	43.983	nq	100
90) Benzo(a)pyrene	15.25	252	1029698	44.969	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	991668	49.220	nq	100
92) Benzo(g,h,i)perylene	17.13	276	986069	49.534	nq	99

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

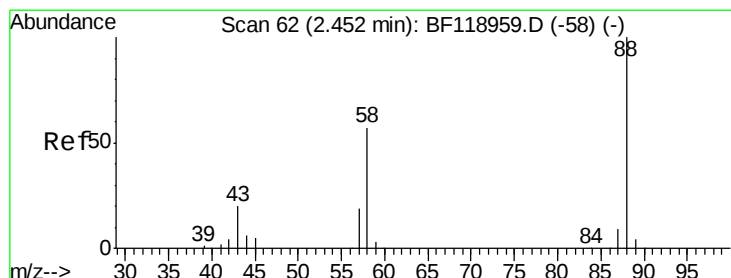
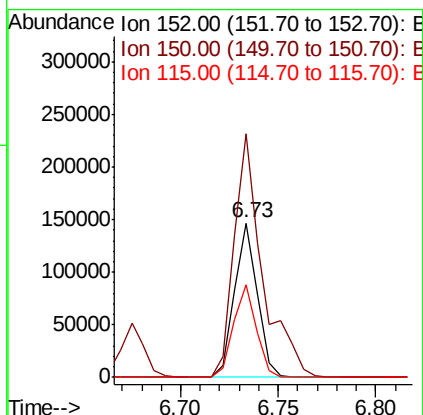
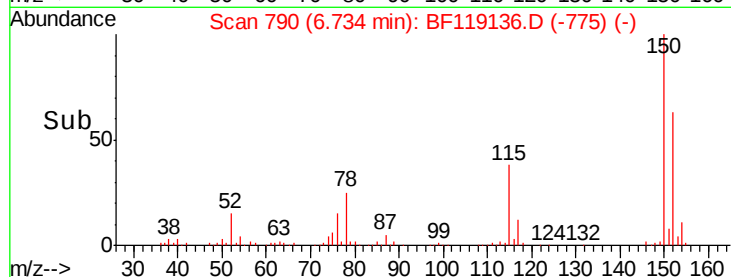
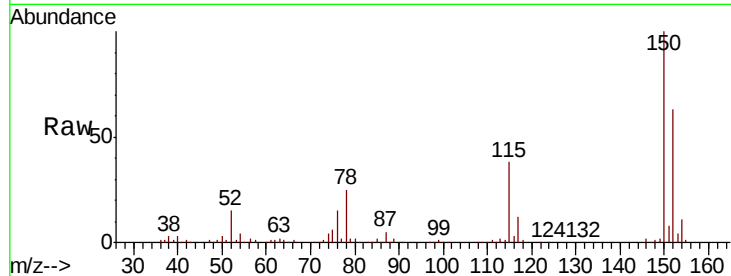


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

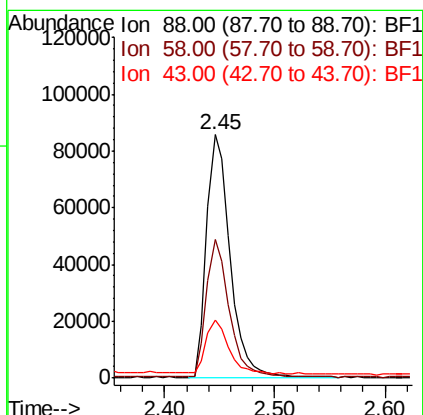
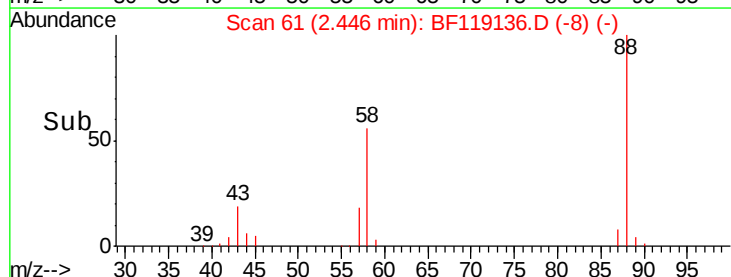
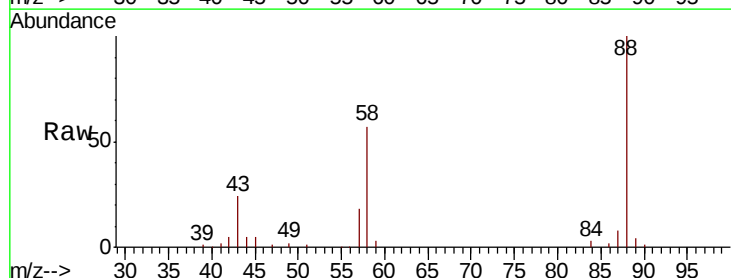
Tot Ion:152 Resp: 118844
Ion Ratio Lower Upper
152 100
150 158.0 123.0 184.6
115 60.5 49.5 74.3

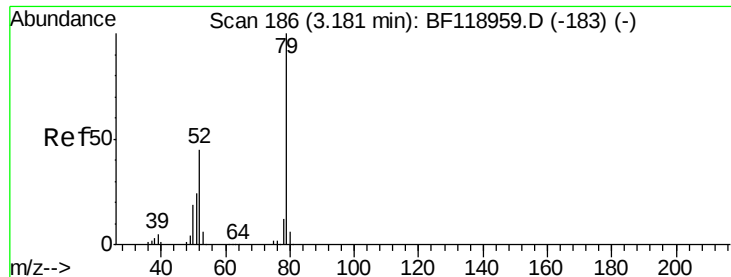


#2

1,4-Dioxane
Concen: 39.667 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion: 88 Resp: 125595
Ion Ratio Lower Upper
88 100
58 55.0 43.8 65.6
43 21.2 16.2 24.4





#3

Pvridine

Concen: 36.226 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.03 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

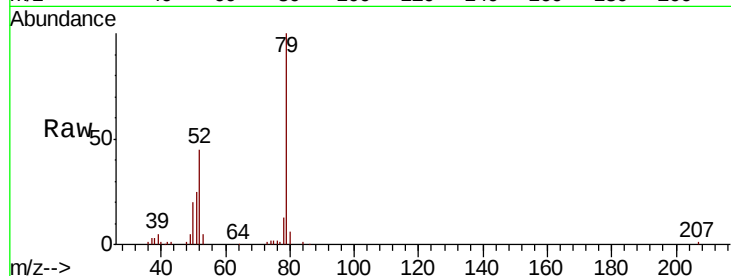
Tot Ion: 79 Resp: 313245

Ion Ratio Lower Upper

79 100

52 44.7 37.4 56.0

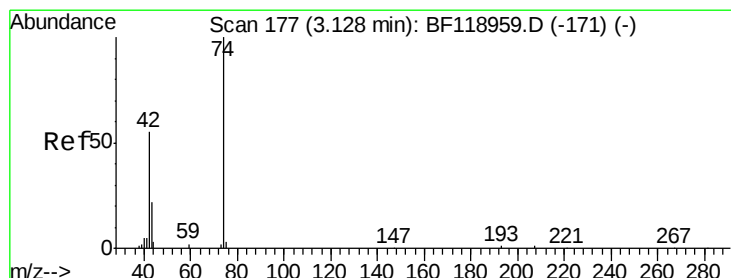
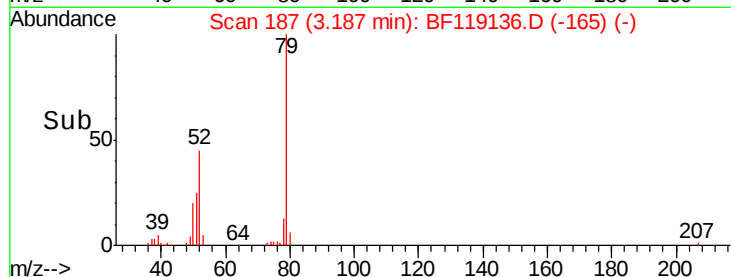
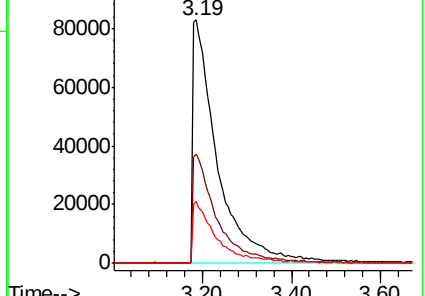
51 25.3 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.835 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

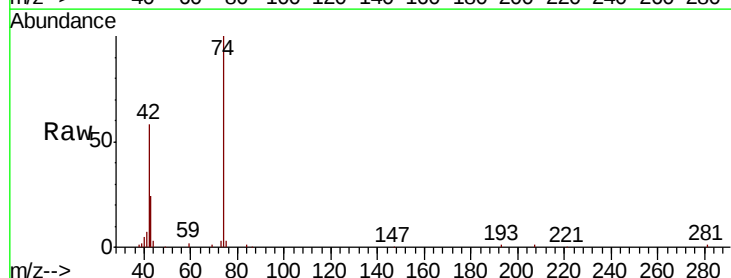
Tgt Ion: 42 Resp: 127920

Ion Ratio Lower Upper

42 100

74 172.9 137.7 206.5

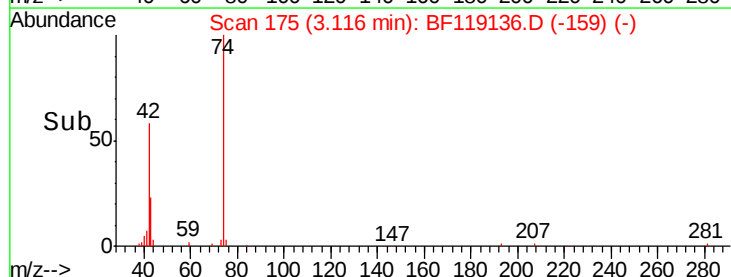
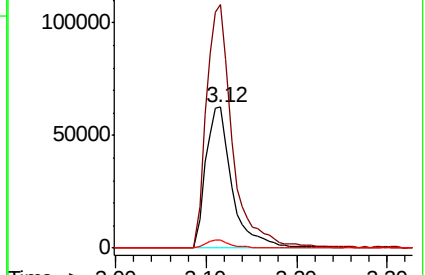
44 5.7 4.5 6.7

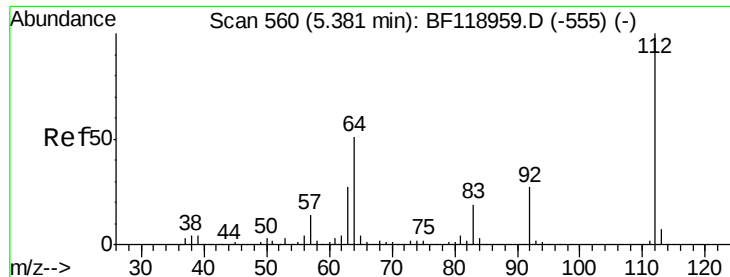


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 134.917 ng

RT: 5.36 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampled :

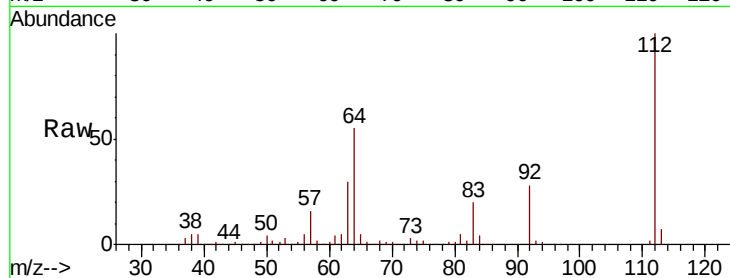
Tot Ion:112 Resp: 959445

Ion Ratio Lower Upper

112 100

64 54.5 45.0 67.4

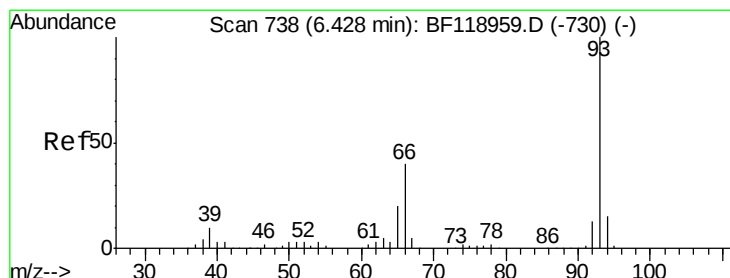
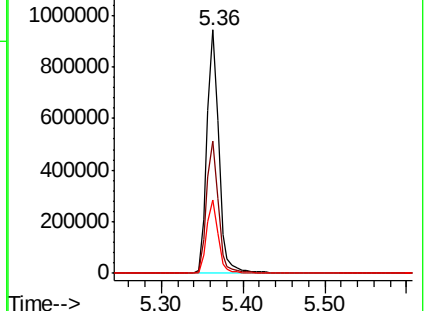
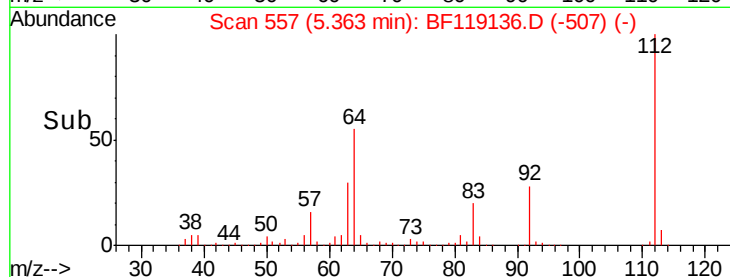
63 29.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.565 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

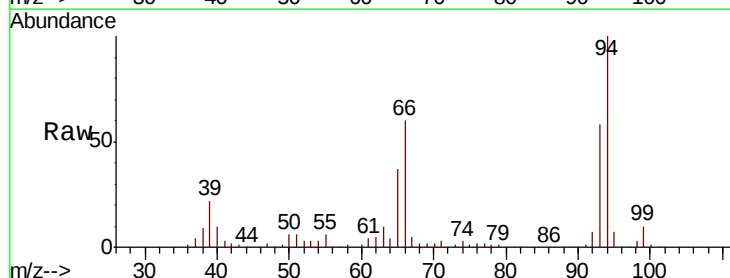
Tgt Ion: 93 Resp: 336862

Ion Ratio Lower Upper

93 100

66 103.1 74.5 111.7

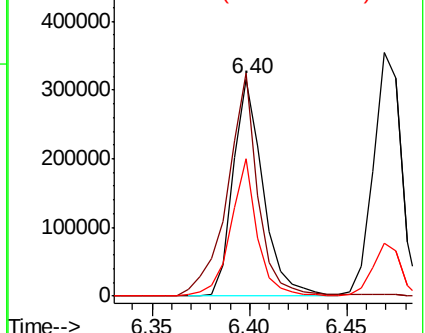
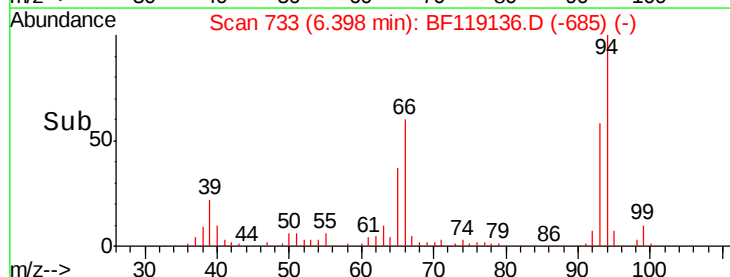
65 63.4 45.3 67.9

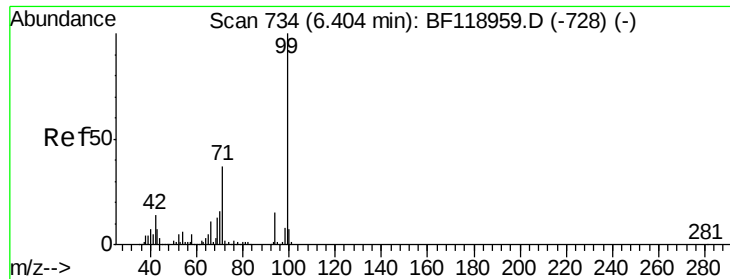


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.155 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

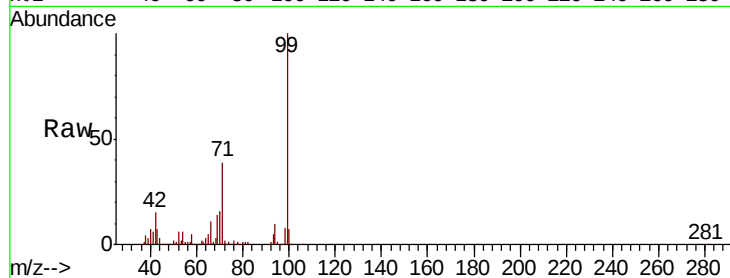
Tot Ion: 99 Resp: 1151628

Ion Ratio Lower Upper

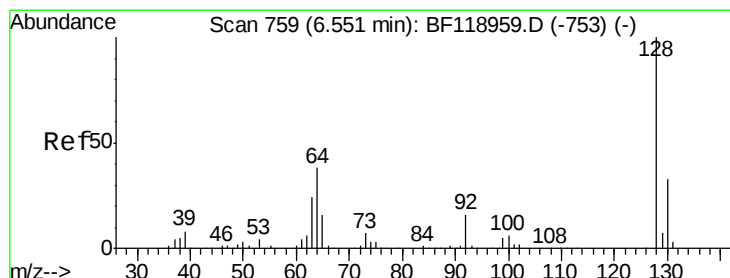
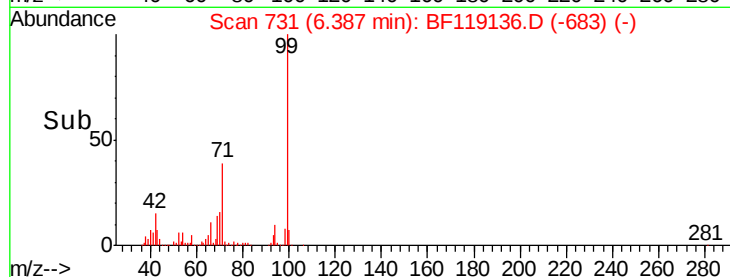
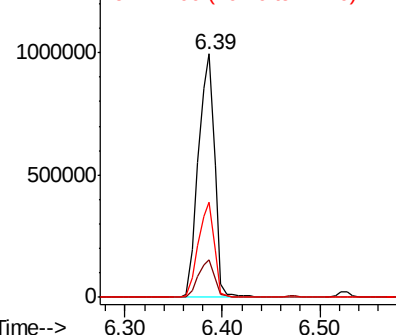
99 100

42 15.3 12.6 18.8

71 39.2 31.0 46.4



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: 51.007 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

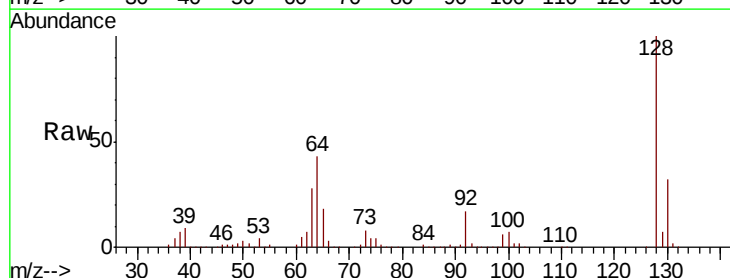
Tgt Ion: 128 Resp: 391458

Ion Ratio Lower Upper

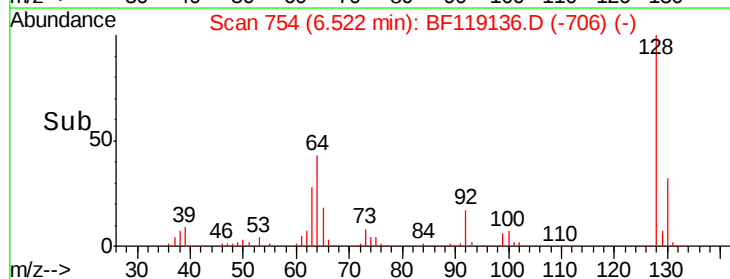
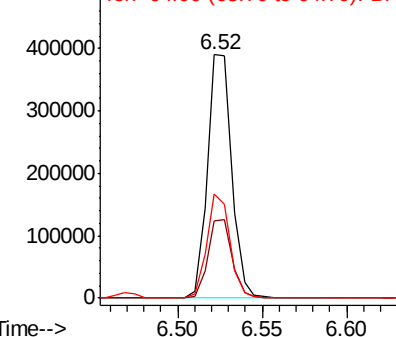
128 100

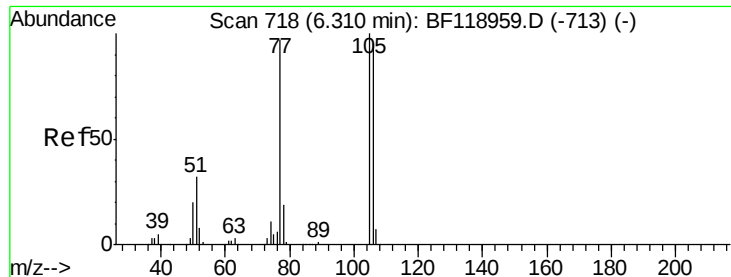
130 31.9 12.7 52.7

64 42.6 22.3 62.3



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: 26.709 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

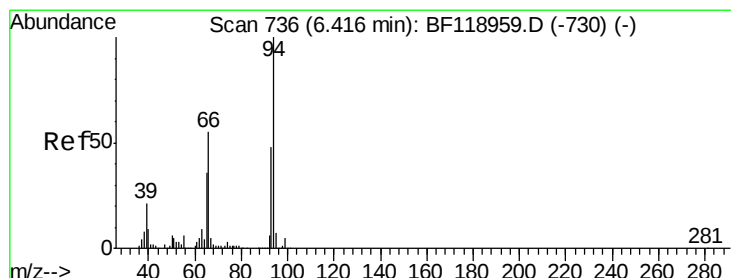
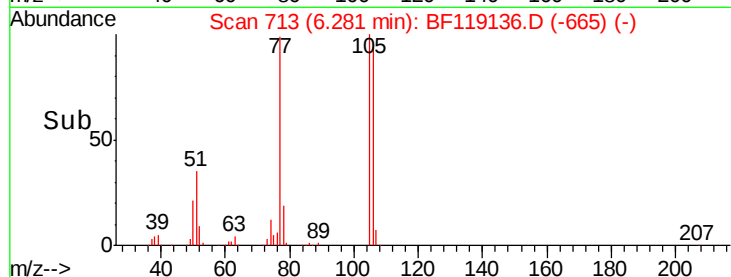
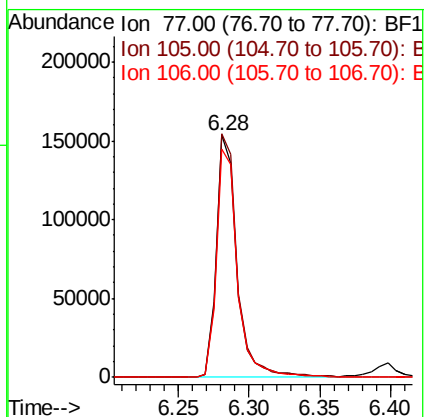
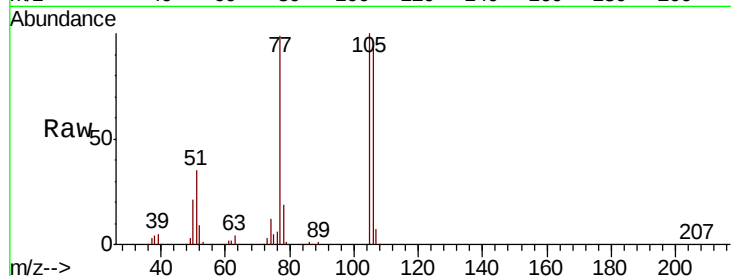
Tot Ion: 77 Resp: 154335

Ion Ratio Lower Upper

77 100

105 100.7 80.1 120.1

106 94.5 75.9 115.9



#10

Phenol

Concen: 48.567 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

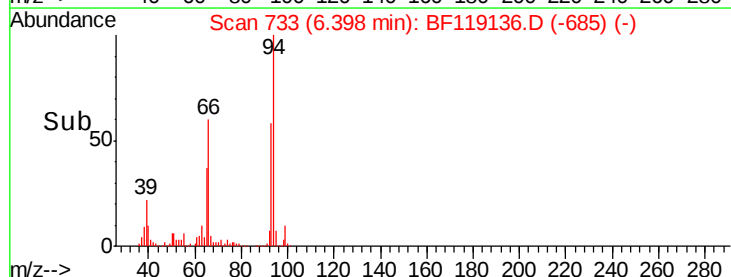
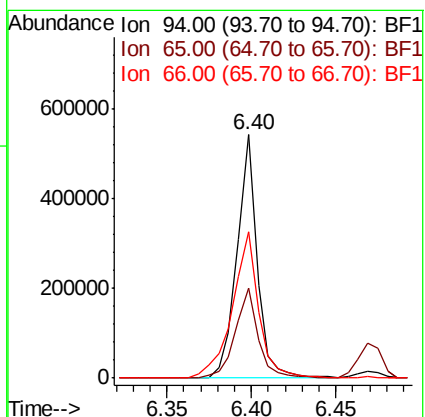
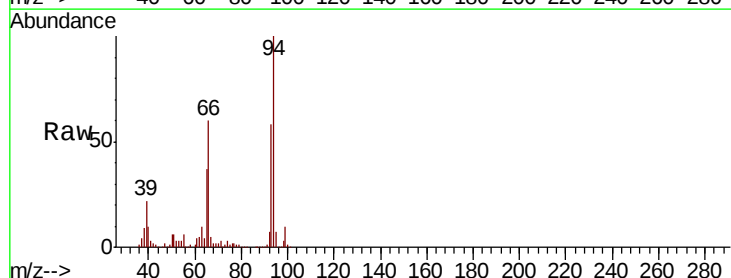
Tgt Ion: 94 Resp: 454146

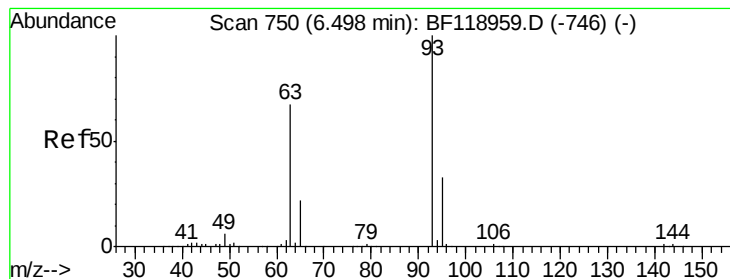
Ion Ratio Lower Upper

94 100

65 37.0 19.2 59.2

66 60.1 44.4 84.4



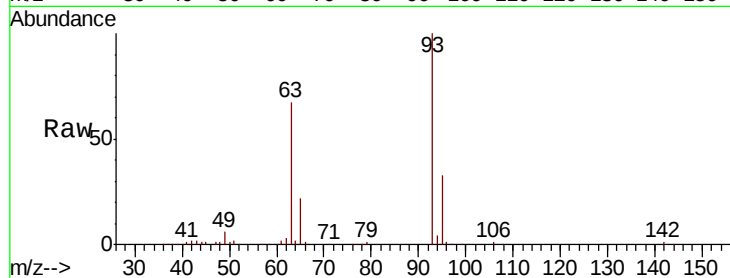


#11
 bis(2-Chloroethyl)ether
 Concen: 48.523 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

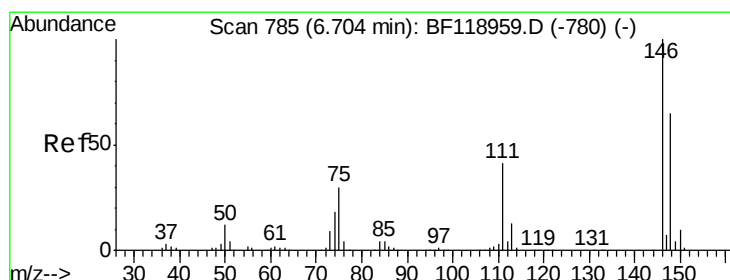
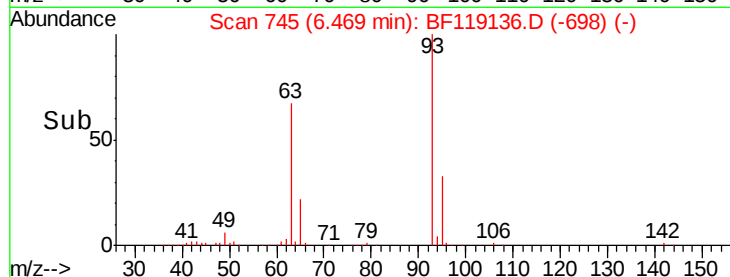
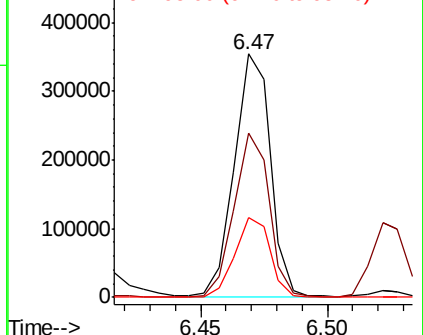
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 347168

Ion	Ratio	Lower	Upper
93	100		
63	67.4	45.4	85.4
95	32.6	13.5	53.5



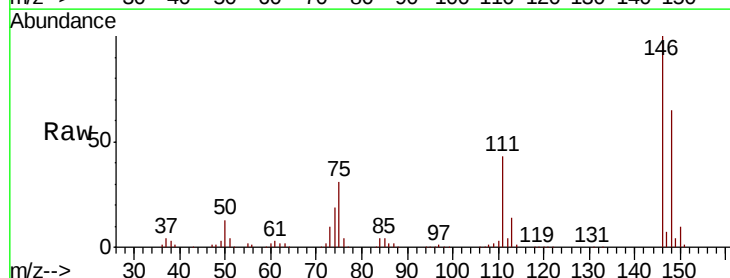
Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1



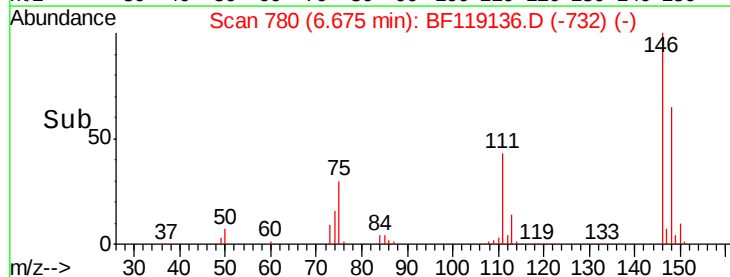
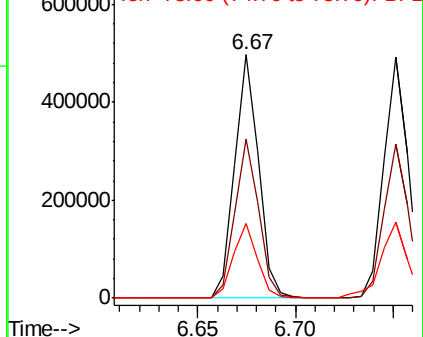
#12
 1,3-Dichlorobenzene
 Concen: 46.053 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

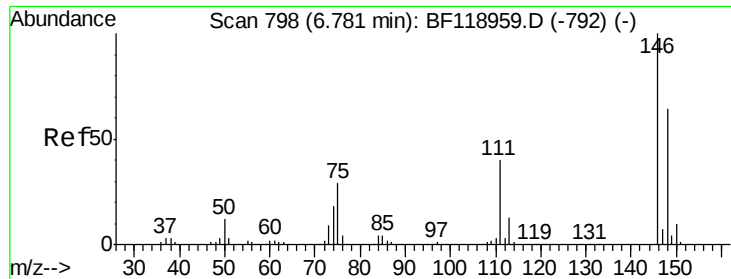
Tgt Ion: 146 Resp: 423614

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.5	78.7
75	30.9	23.6	35.4



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

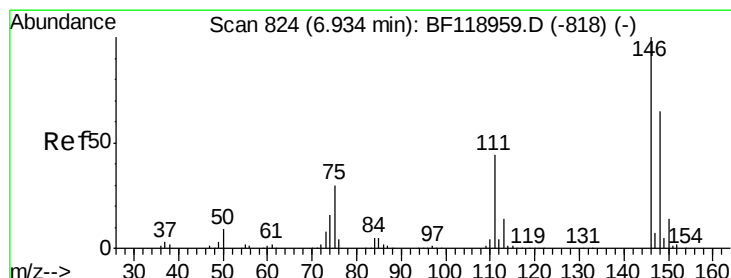
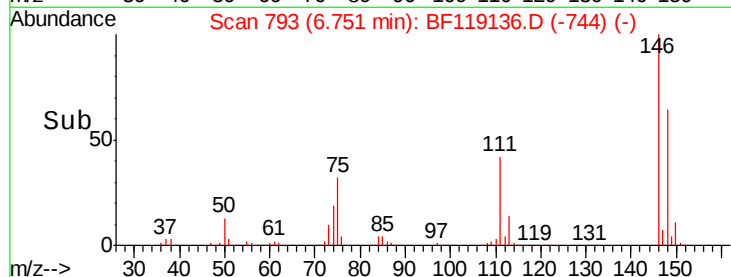
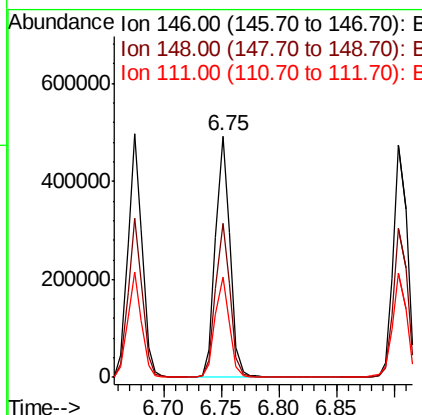
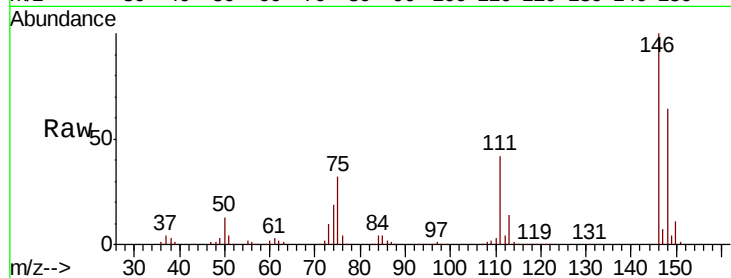




#13
 1,4-Dichlorobenzene
 Concen: 46.856 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

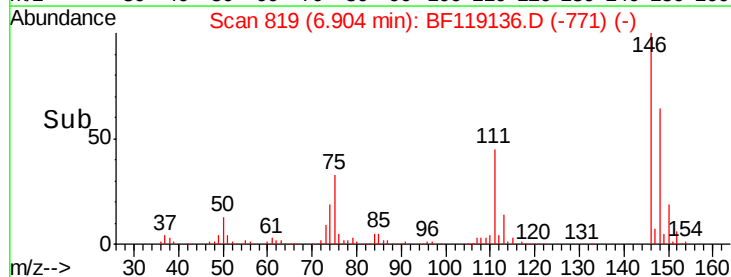
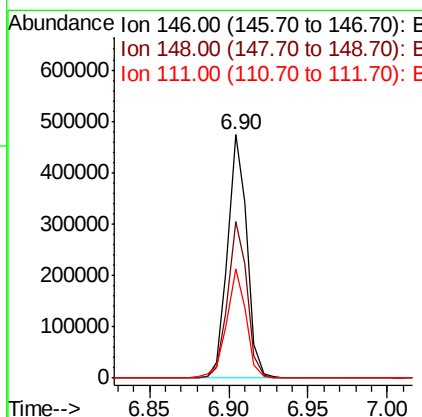
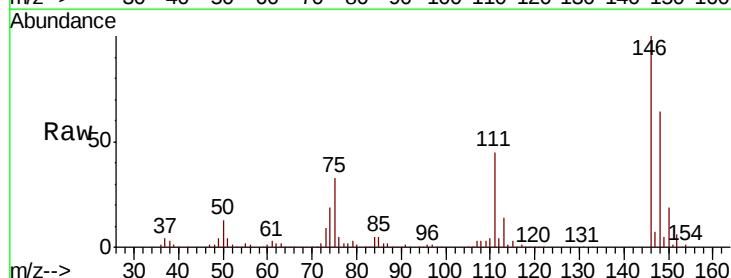
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 431300
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 41.6 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 47.632 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion:146 Resp: 399856
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 44.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 51.762 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampled :

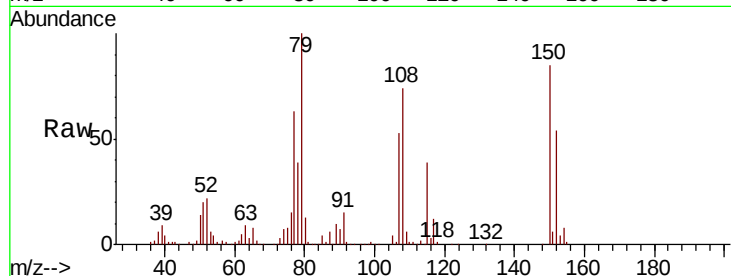
Tot Ion: 79 Resp: 323549

Ion Ratio Lower Upper

79 100

108 73.9 58.2 87.2

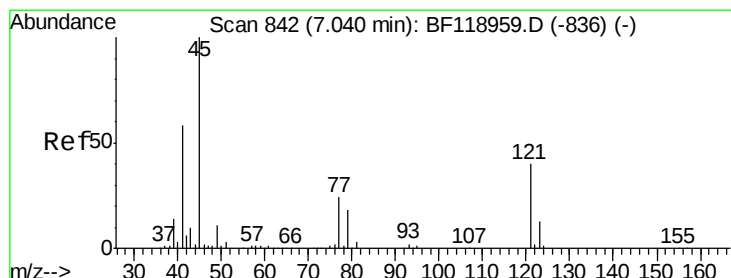
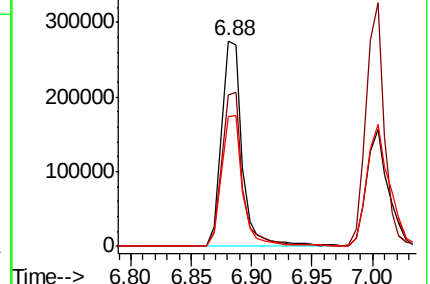
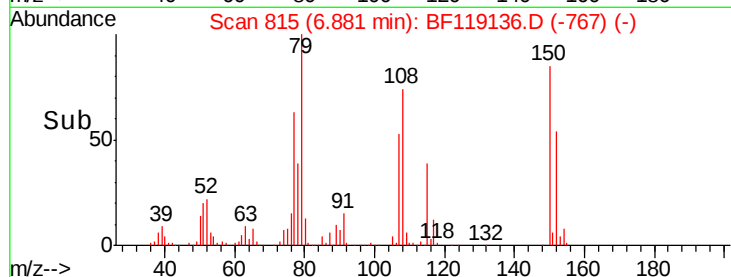
77 63.1 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.594 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

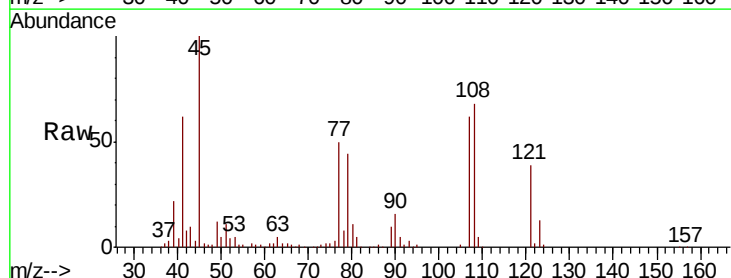
Tgt Ion: 45 Resp: 276383

Ion Ratio Lower Upper

45 100

77 49.6 15.0 55.0

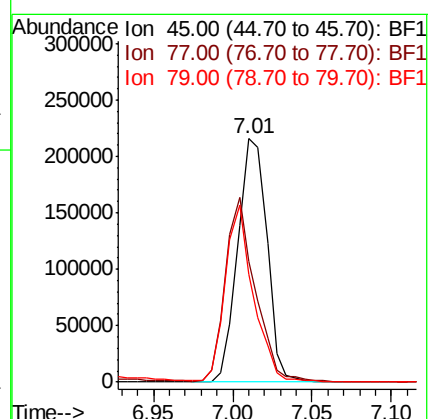
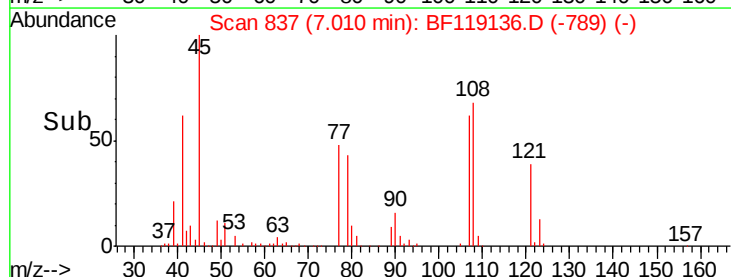
79 44.5 9.4 49.4

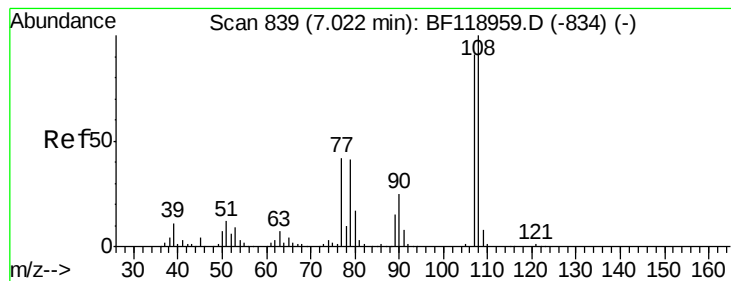


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

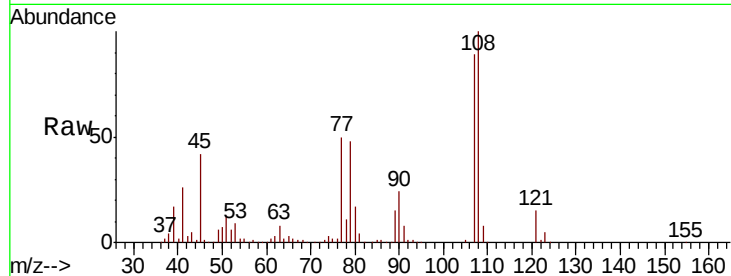




#17
2-Methylphenol
Concen: 50.200 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	312354
Ion	Ratio	Lower	Upper
107	100		
108	112.4	87.9	131.9
77	56.6	45.3	67.9
79	54.1	43.0	64.4



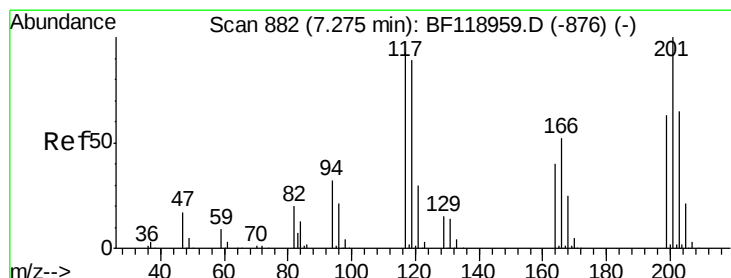
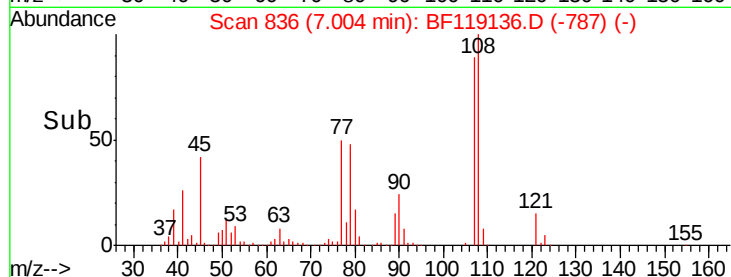
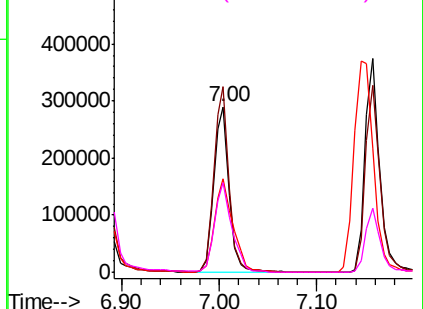
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

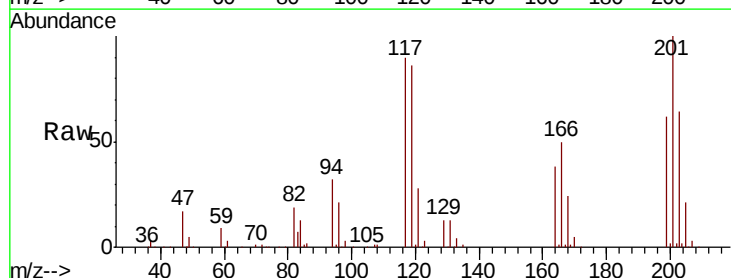
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.916 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:	117	Resp:	154500
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.5	116.3
201	111.7	82.6	123.8

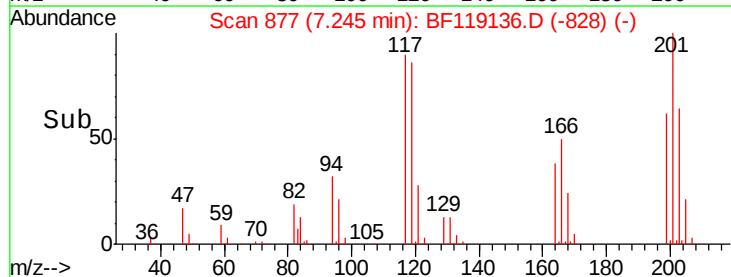
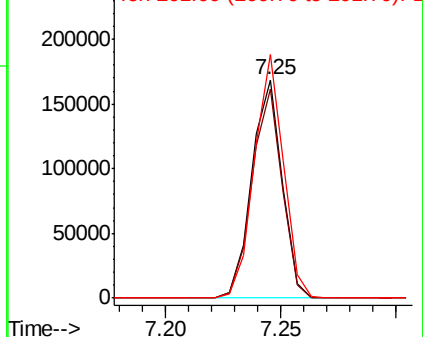


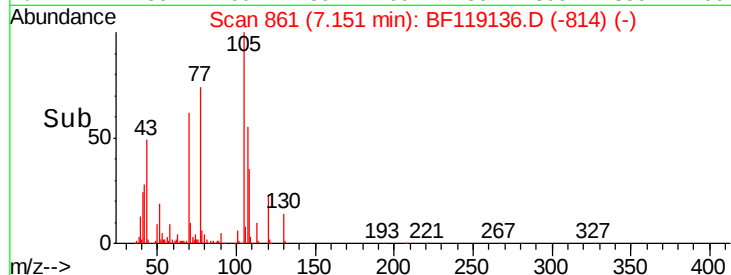
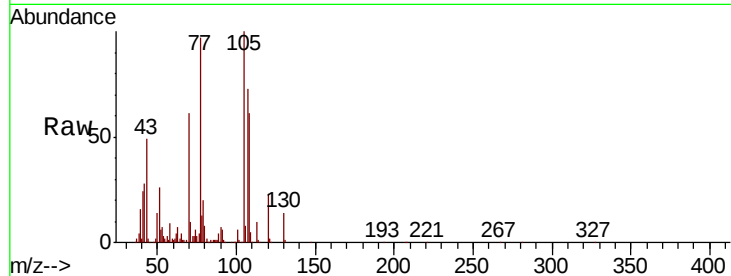
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

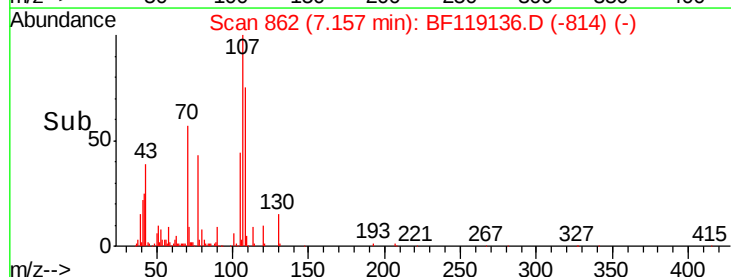
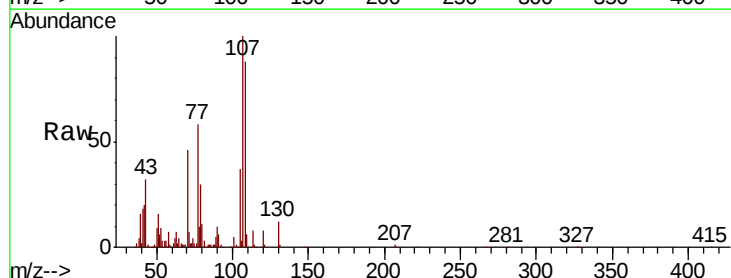
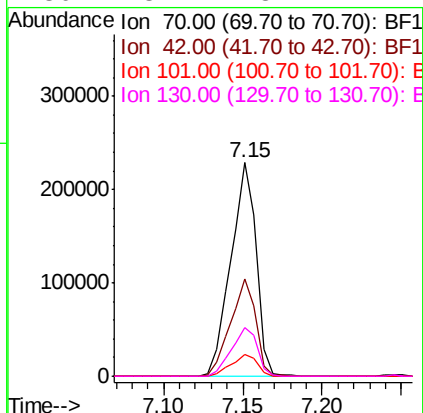




#19
n-Nitroso-di-n-propylamine
Concen: 50.436 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

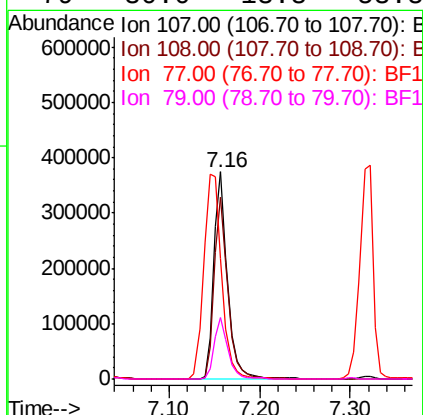
Instrument :
BNA_F
ClientSampleId :

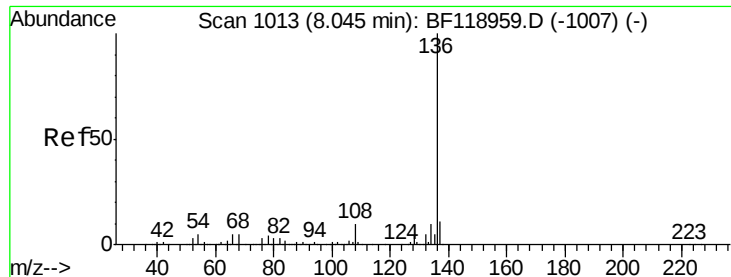
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.7	38.0	57.0
101	10.0	8.2	12.4
130	23.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 51.828 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	71.5	111.5
77	58.3	45.9	85.9
79	30.0	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 457775

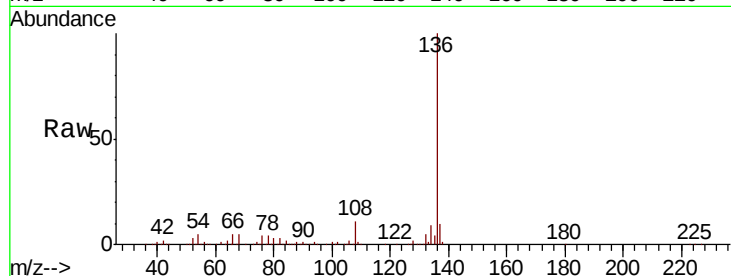
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 4.9 3.8 5.6

68 5.1 3.9 5.9

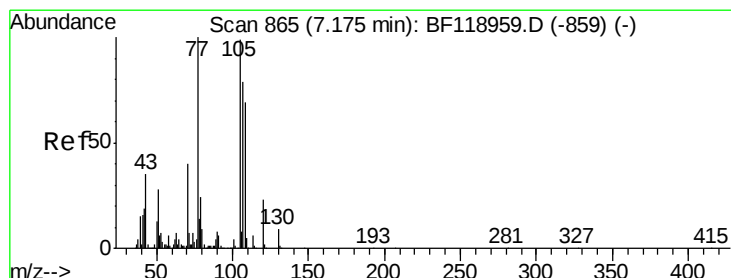
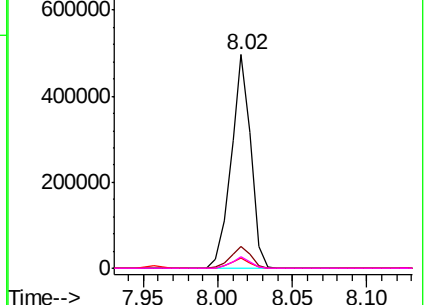
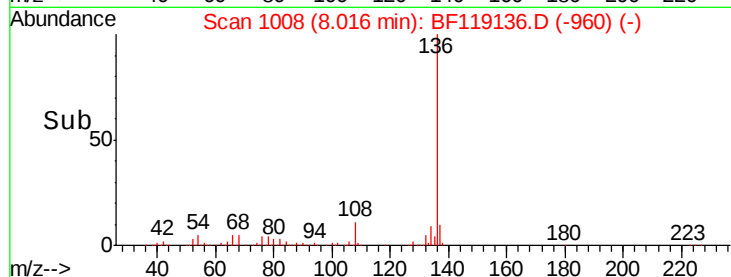


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 48.321 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Tgt Ion:105 Resp: 511805

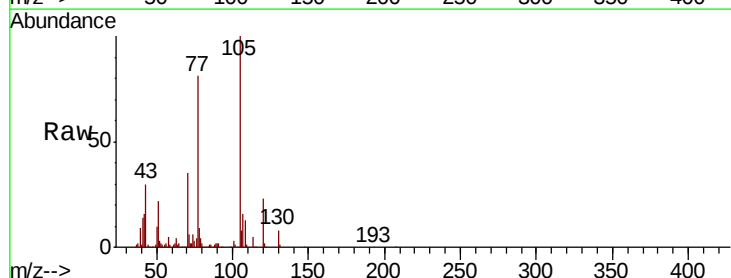
Ion Ratio Lower Upper

105 100

71 5.8 3.0 4.4#

51 22.1 20.1 30.1

120 23.0 18.0 27.0

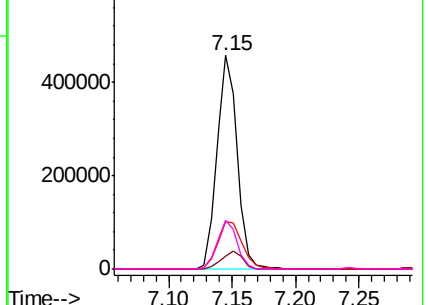
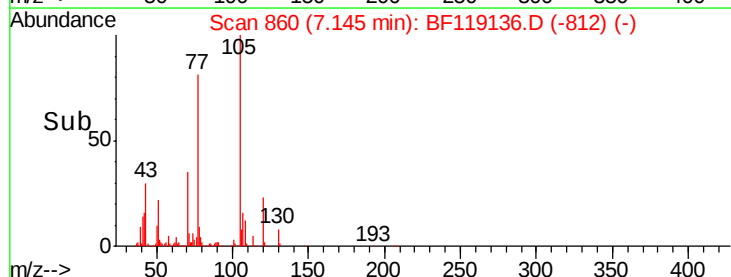


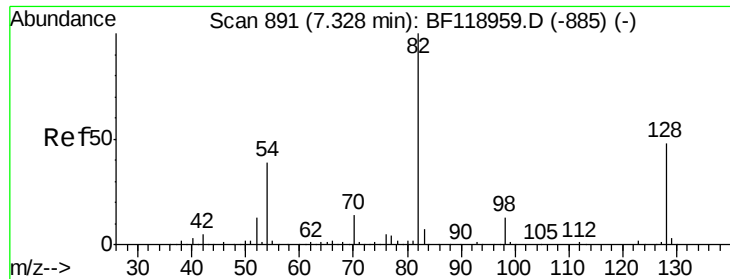
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

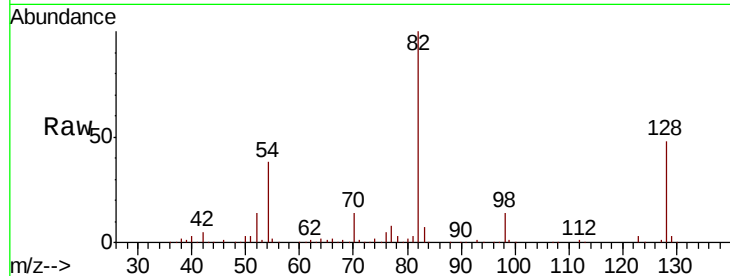




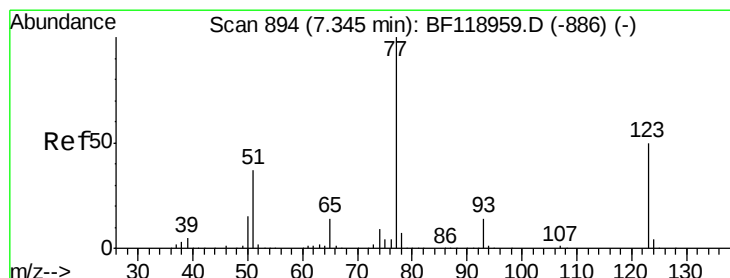
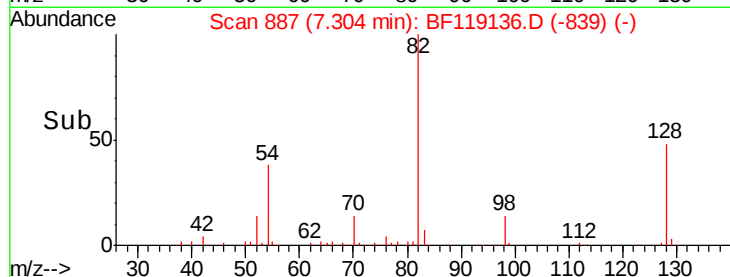
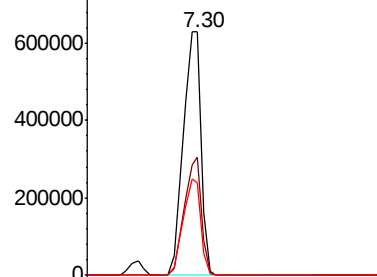
#23
Nitrobenzene-d5
Concen: 88.707 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 769084
Ion Ratio Lower Upper
82 100
128 48.3 37.9 56.9
54 38.2 33.4 50.2

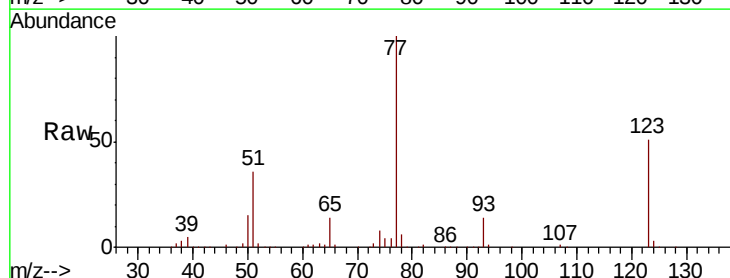


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

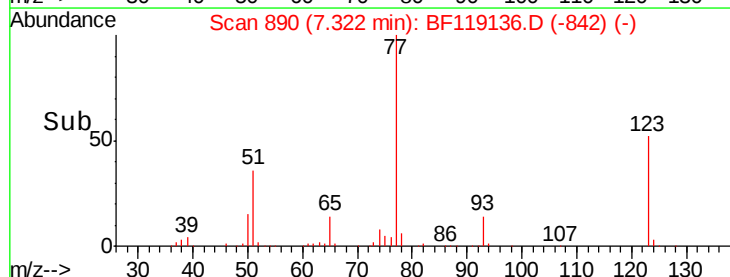
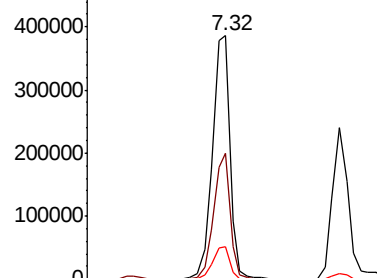


#24
Nitrobenzene
Concen: 46.135 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion: 77 Resp: 395548
Ion Ratio Lower Upper
77 100
123 51.5 40.2 60.2
65 13.5 10.8 16.2



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

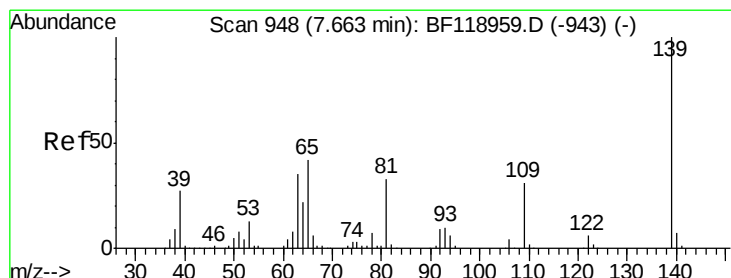
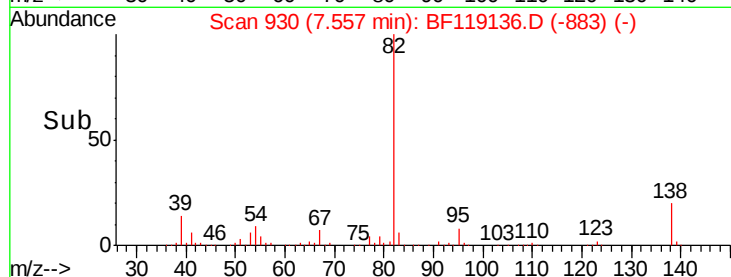
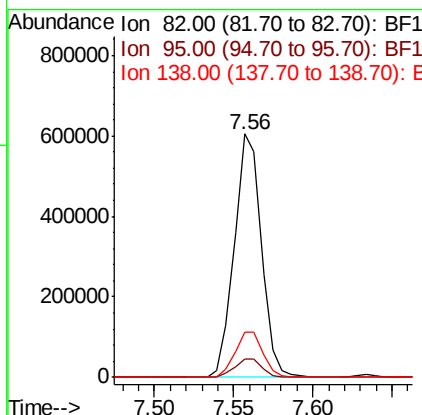
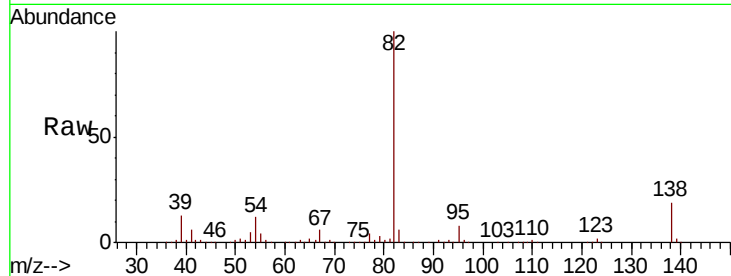




#25
Isophorone
Concen: 47.578 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

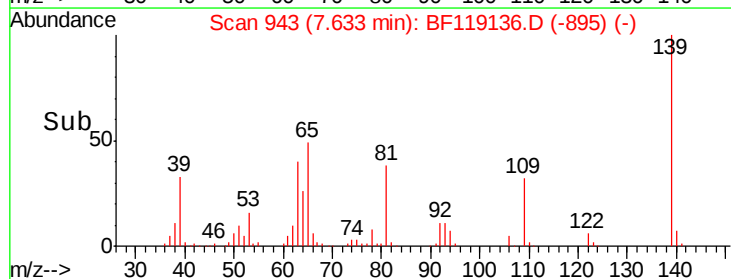
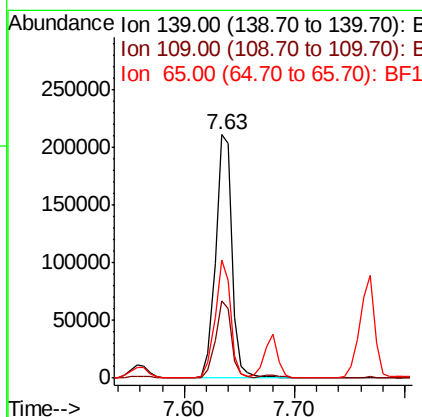
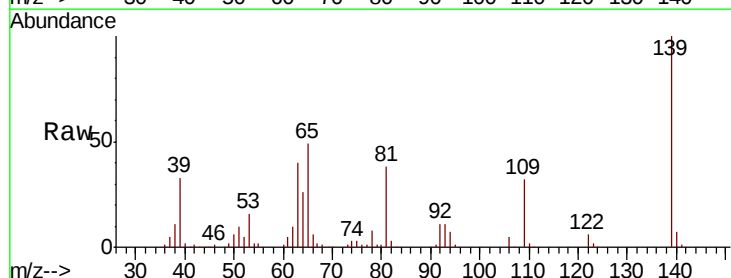
Instrument :
BNA_F
ClientSampleId :

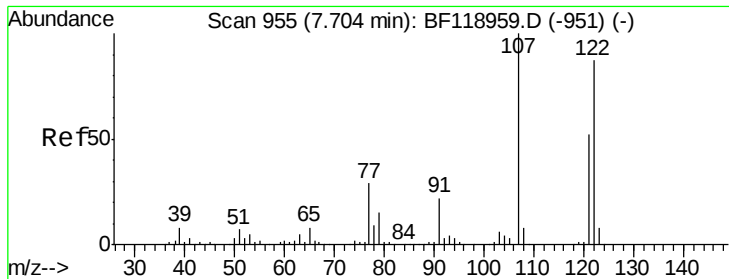
Tot Ion: 82 Resp: 716388
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.7 15.7 23.5



#26
2-Nitrophenol
Concen: 47.610 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion: 139 Resp: 216281
Ion Ratio Lower Upper
139 100
109 31.8 25.7 38.5
65 48.6 37.1 55.7

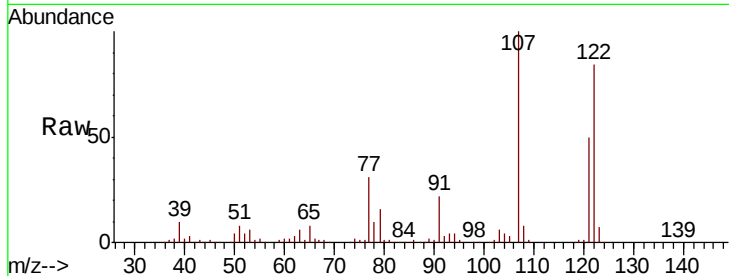




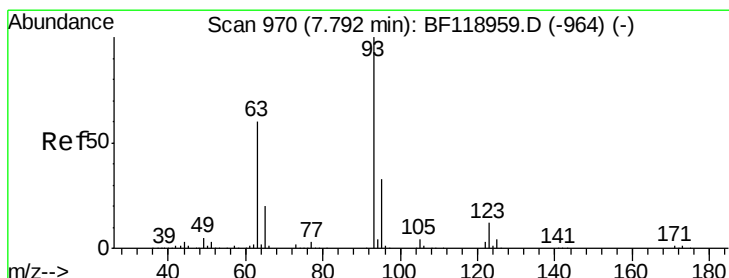
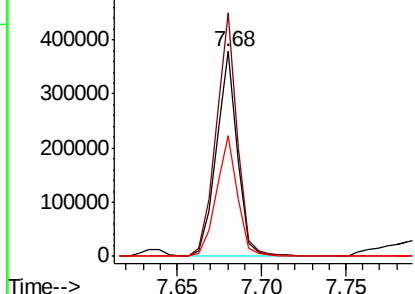
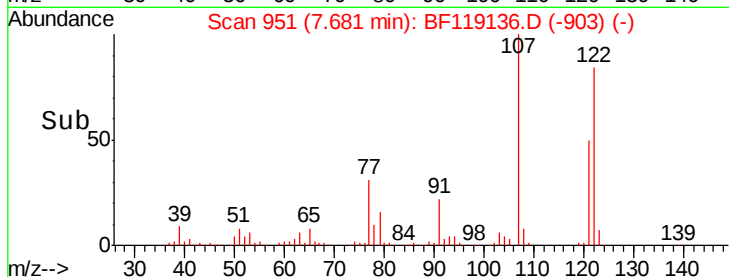
#27
 2,4-Dimethylphenol
 Concen: 53.162 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 327765
 Ion Ratio Lower Upper
 122 100
 107 118.9 93.8 140.6
 121 58.9 48.2 72.2

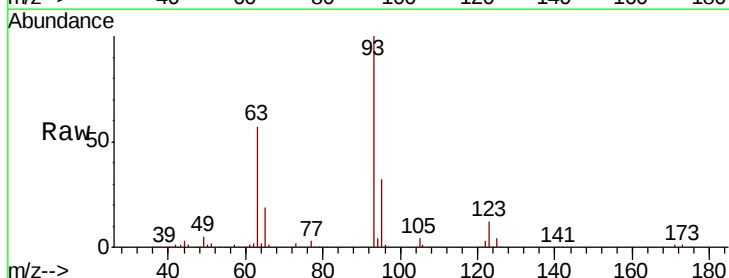


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

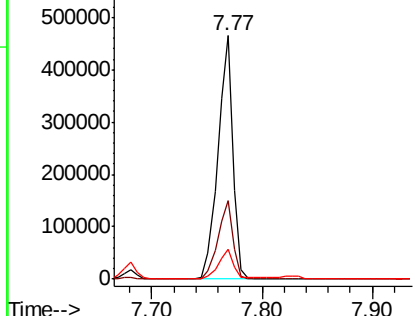
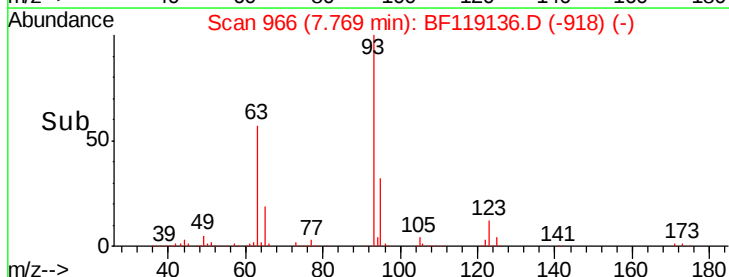


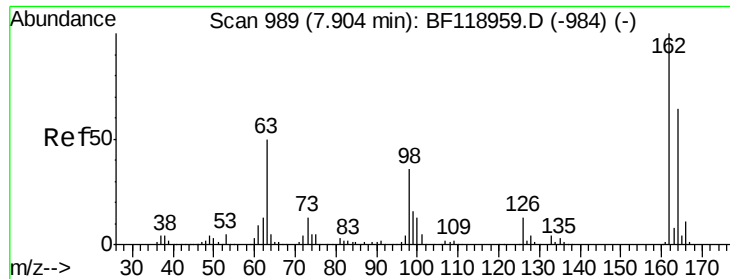
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.472 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion: 93 Resp: 435860
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 12.2 10.2 15.2



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

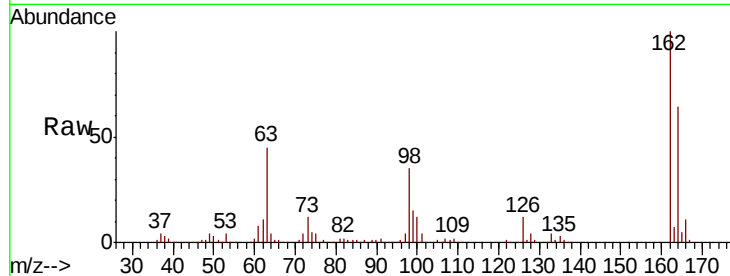




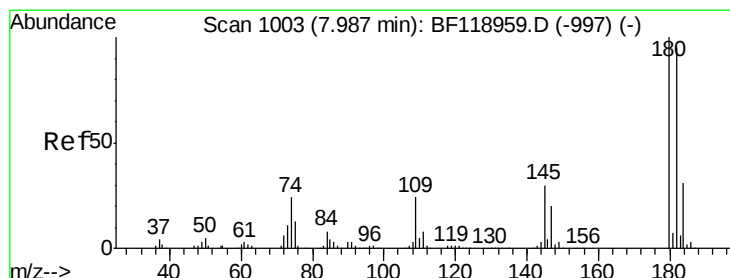
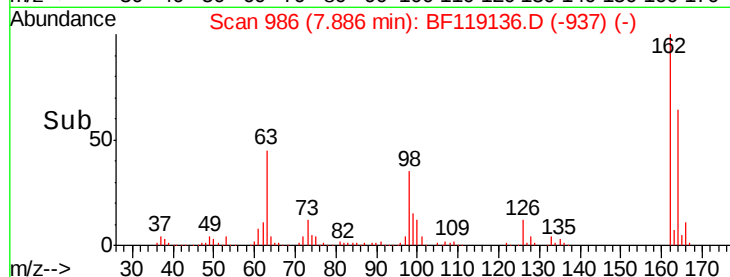
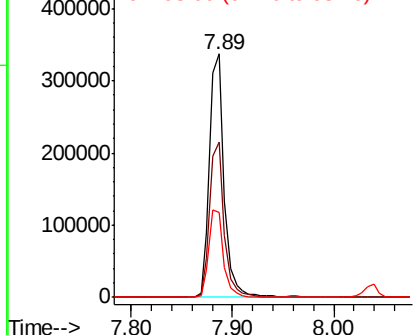
#29
2,4-Dichlorophenol
Concen: 46.696 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 338924
Ion Ratio Lower Upper
162 100
164 63.9 45.2 85.2
98 35.0 17.4 57.4

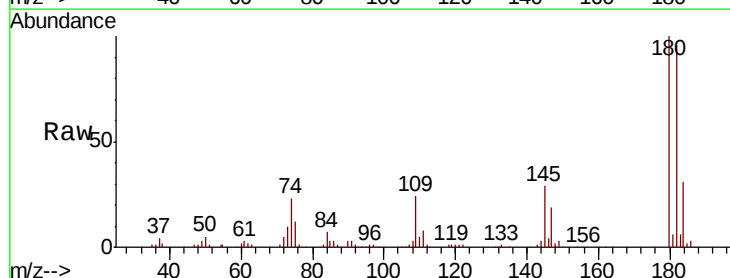


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

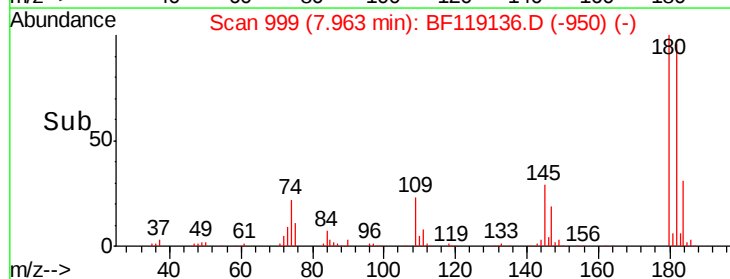
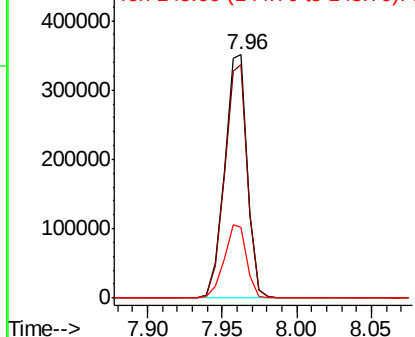


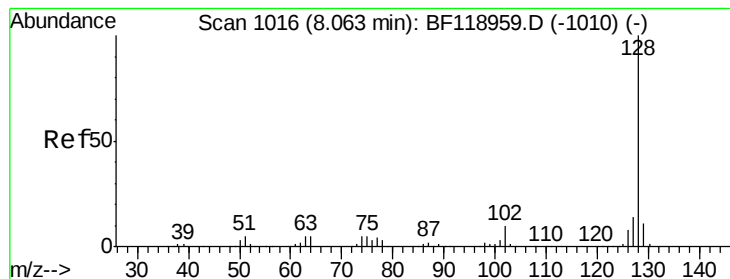
#30
1,2,4-Trichlorobenzene
Concen: 43.921 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:180 Resp: 377959
Ion Ratio Lower Upper
180 100
182 95.8 77.8 116.6
145 29.2 25.2 37.8



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





#31

Naphthalene

Concen: 46.058 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

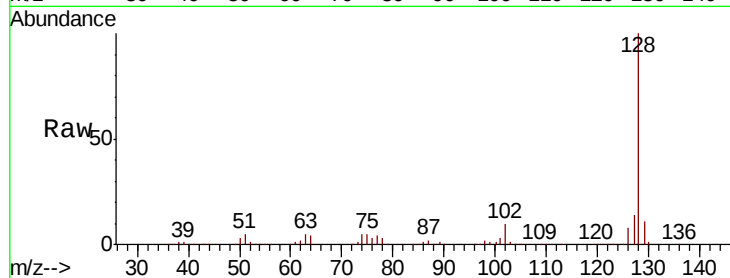
Tot Ion:128 Resp: 1093463

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

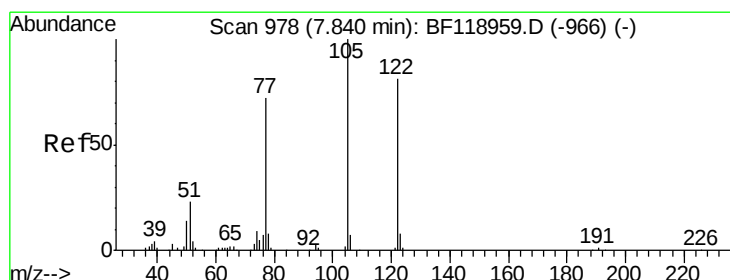
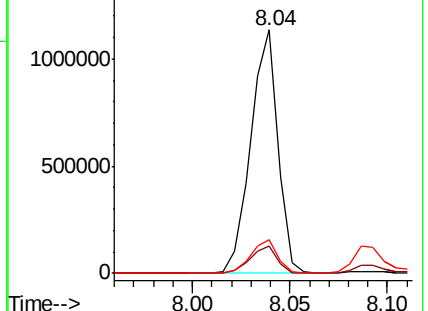
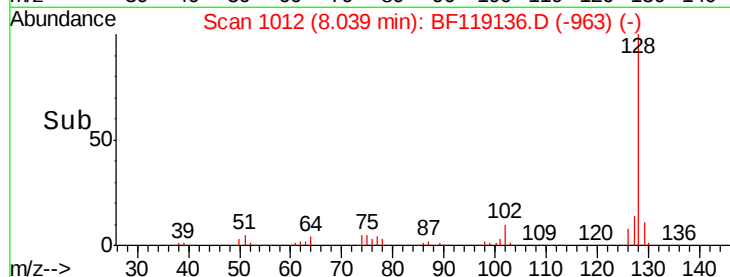
127 13.6 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.409 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.03 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

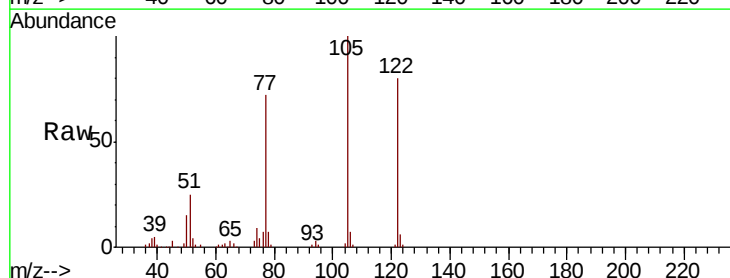
Tgt Ion:122 Resp: 207619

Ion Ratio Lower Upper

122 100

105 125.1 106.3 146.3

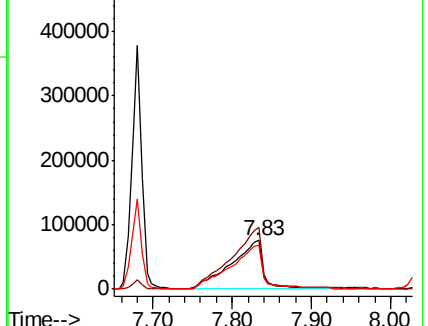
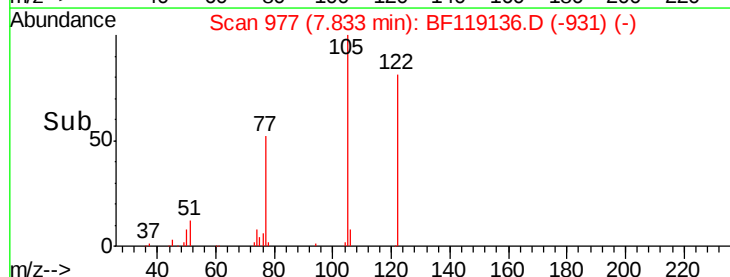
77 90.1 73.1 113.1

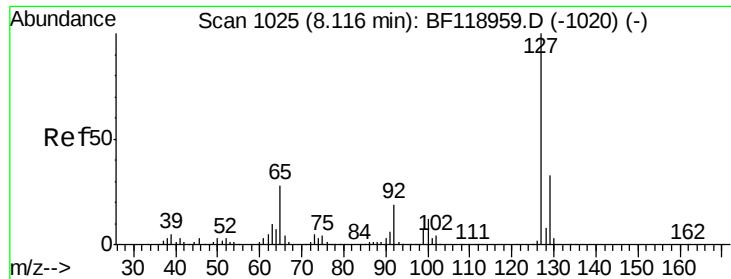


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

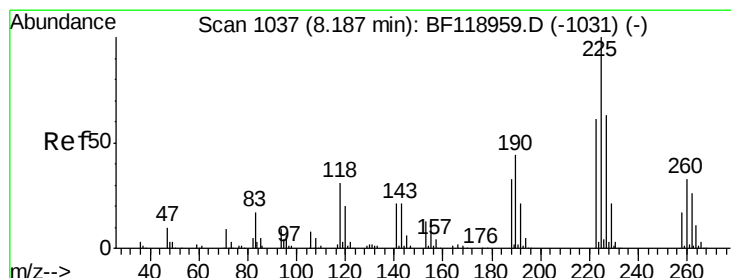
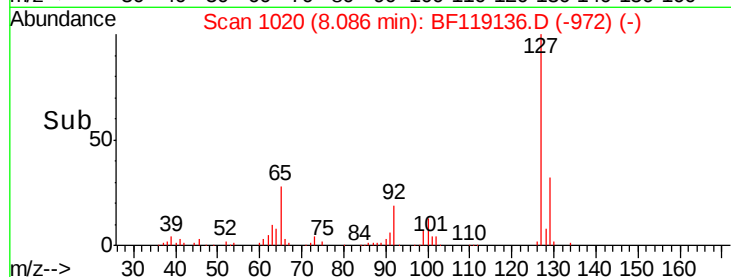
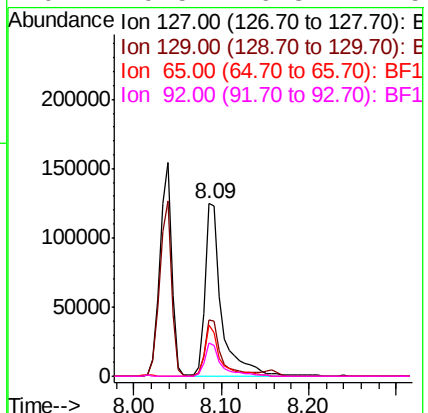
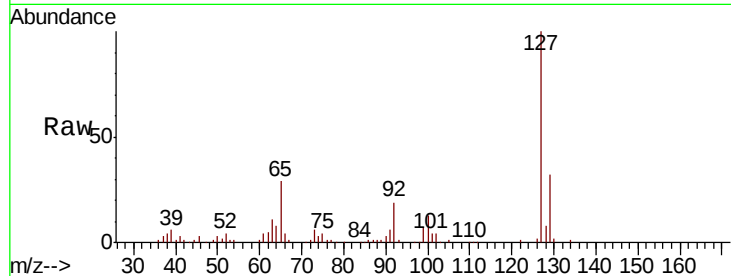




#33
4-Chloroaniline
Concen: 16.042 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

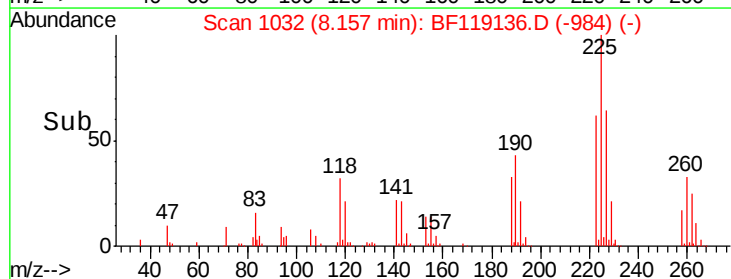
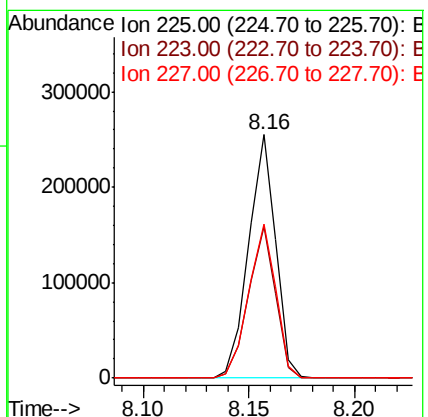
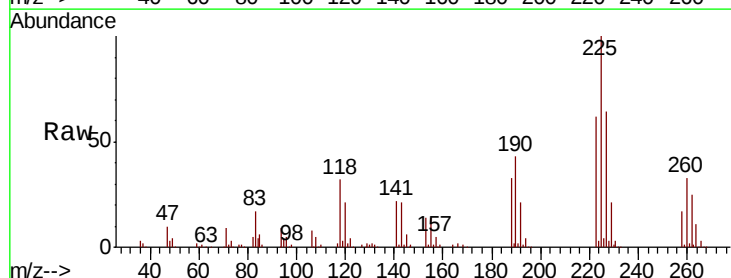
Instrument :
BNA_F
ClientSampleId :

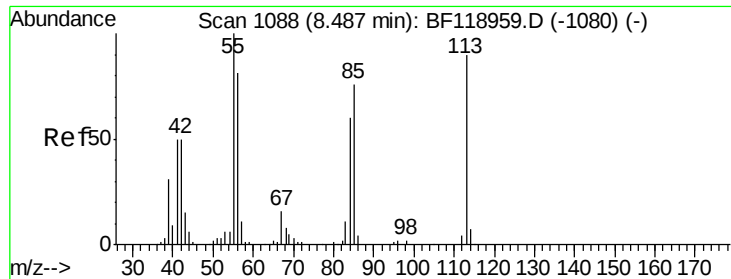
Tot Ion:	127	Resp:	163808
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	29.3	23.9	35.9
92	19.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 42.464 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:	225	Resp:	227621
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.2
227	63.5	52.9	79.3

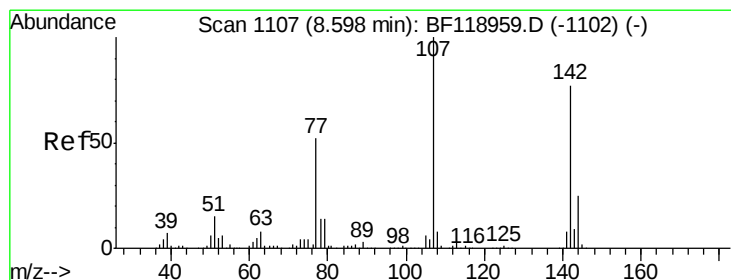
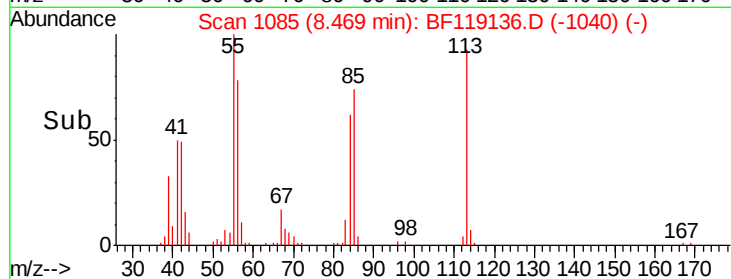
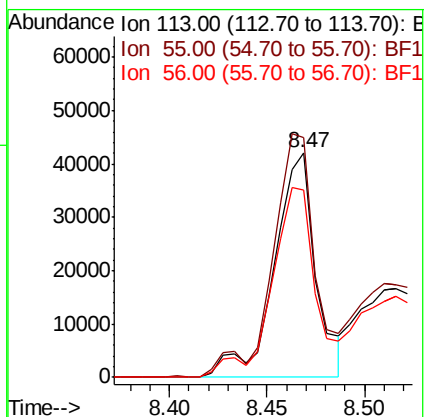
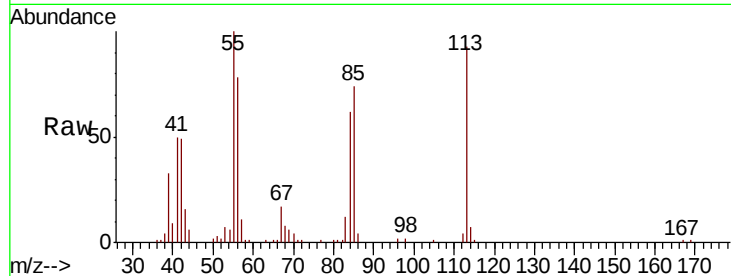




#35
 Caprolactam
 Concen: 27.748 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

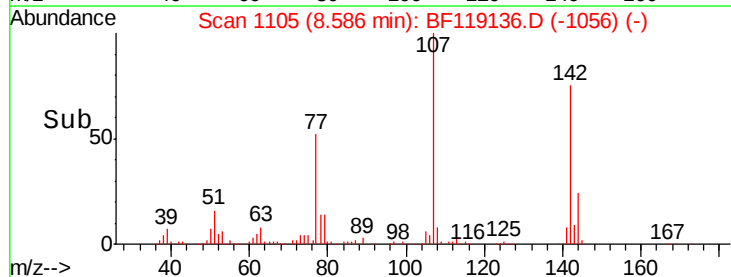
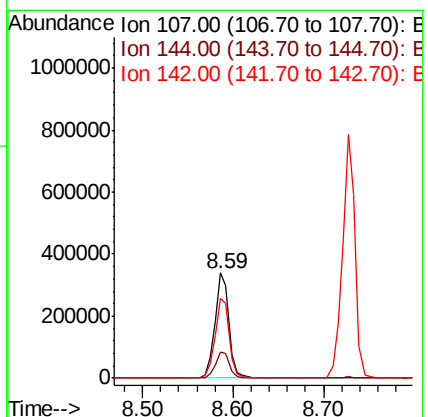
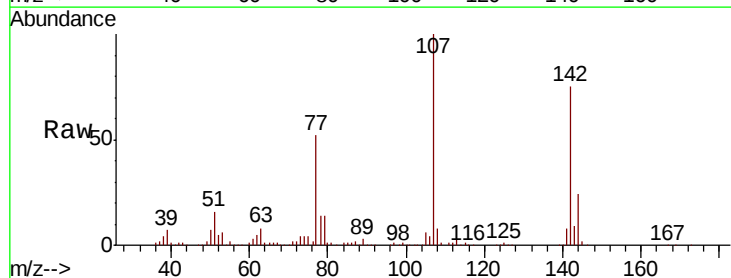
Instrument :
 BNA_F
 ClientSampleId :

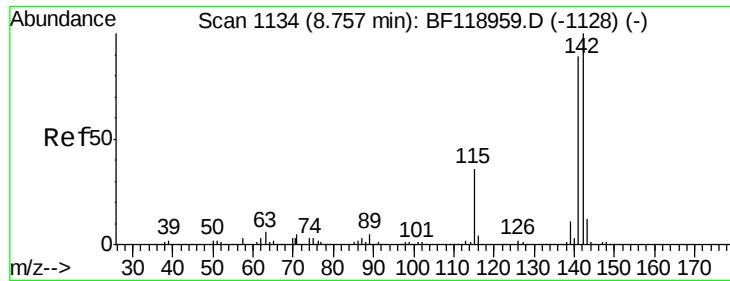
Tot Ion:113 Resp: 62014
 Ion Ratio Lower Upper
 113 100
 55 107.0 95.7 135.7
 56 83.6 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.885 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion:107 Resp: 359090
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.1 30.1
 142 75.5 61.4 92.2

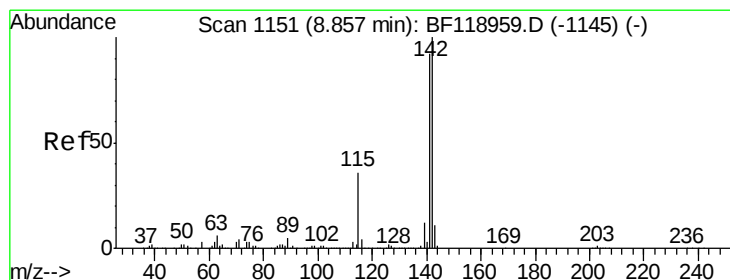
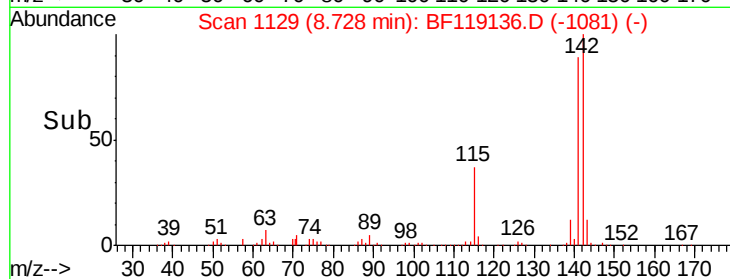
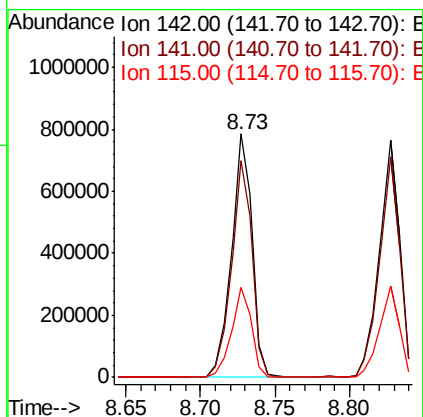
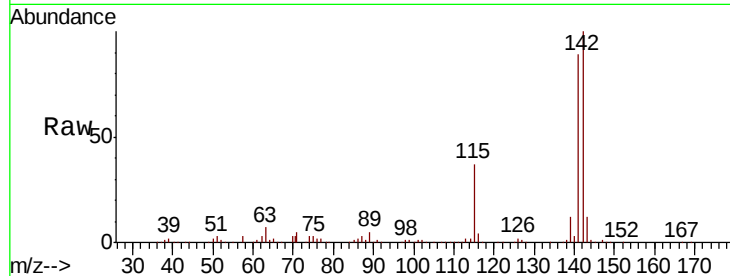




#37
 2-Methylnaphthalene
 Concen: 47.844 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

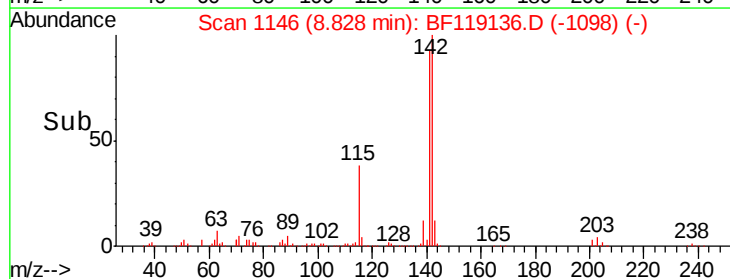
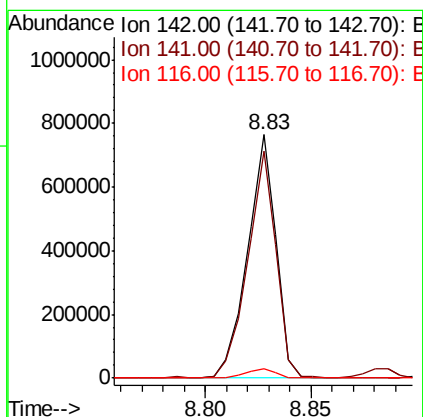
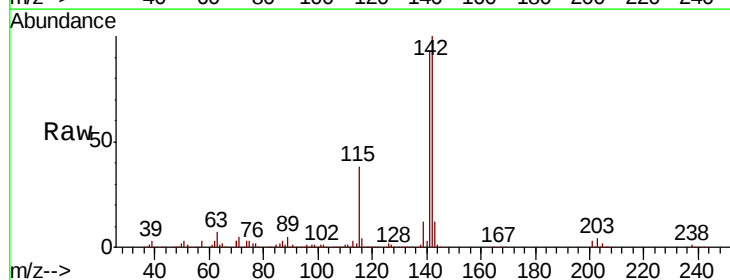
Instrument :
 BNA_F
 ClientSampleId :

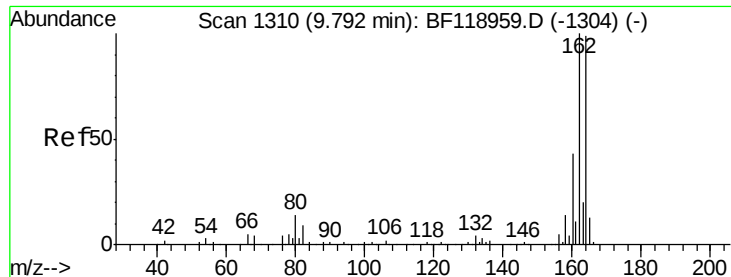
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.3	108.5
115	37.1	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 47.438 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.8	113.6
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

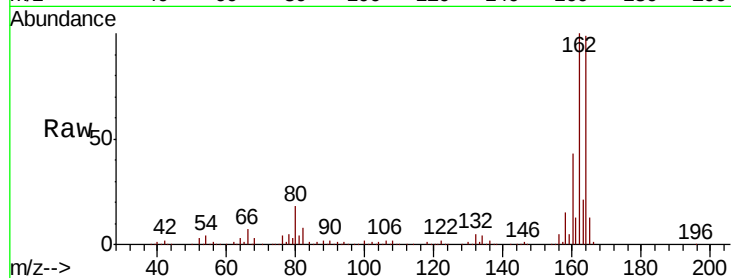
Tot Ion:164 Resp: 255465

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.8

160 43.9 36.0 54.0

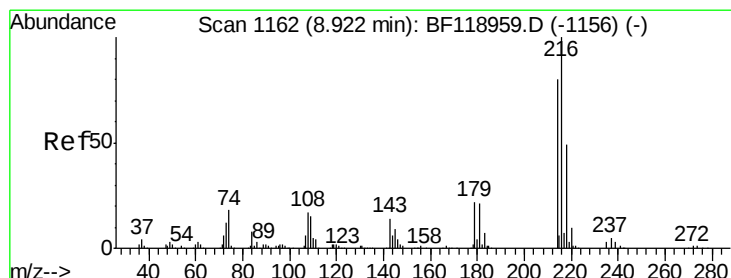
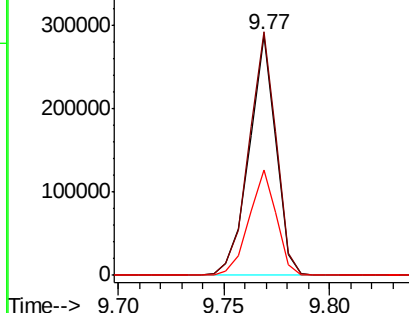
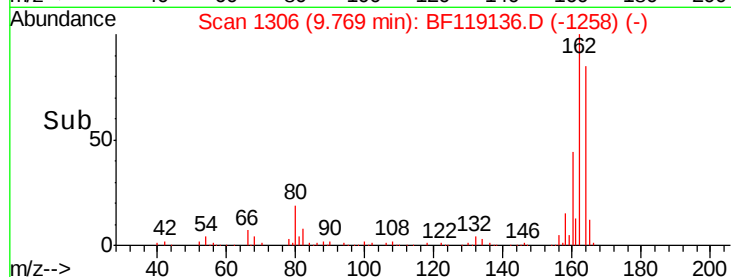


Abundance

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: 43.839 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Tgt Ion:216 Resp: 377591

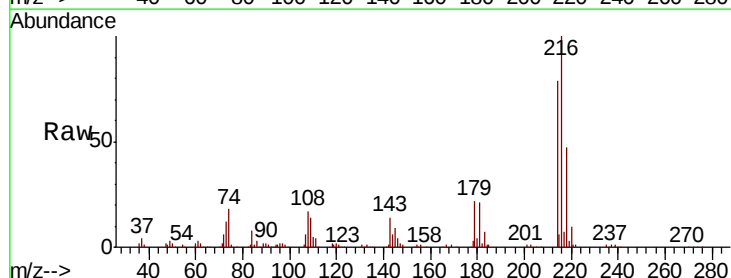
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 21.8 17.7 26.5

108 18.4 13.9 20.9



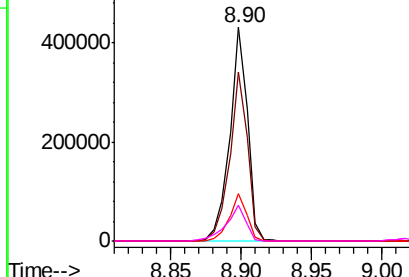
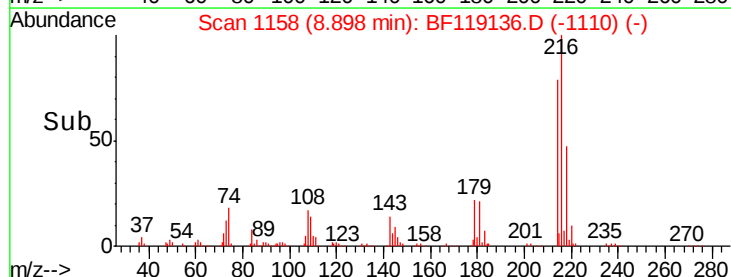
Abundance

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: 79.536 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

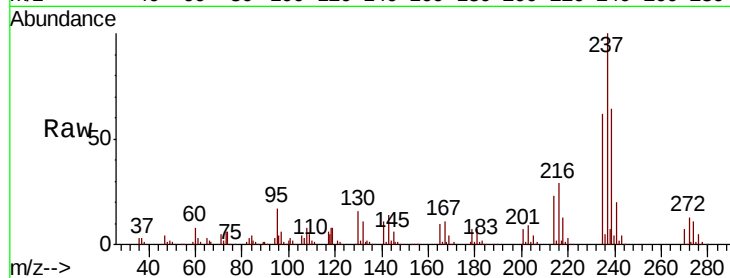
Tot Ion:237 Resp: 249169

Ion Ratio Lower Upper

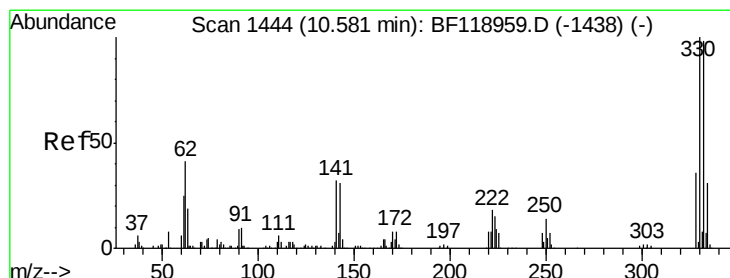
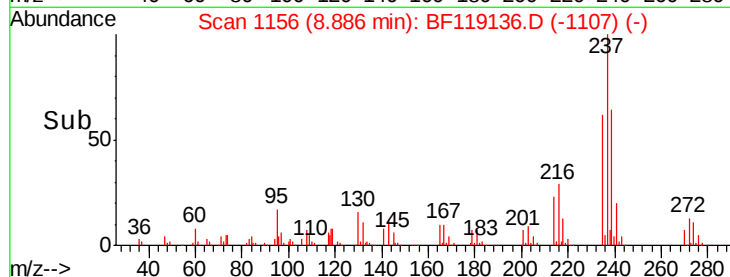
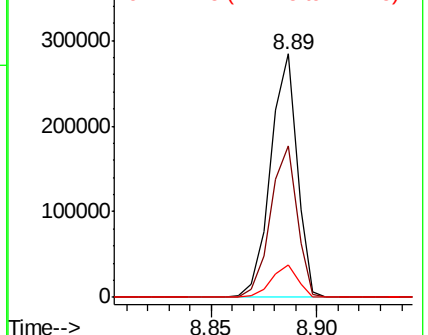
237 100

235 62.4 42.3 82.3

272 13.3 0.0 33.5



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: 132.319 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

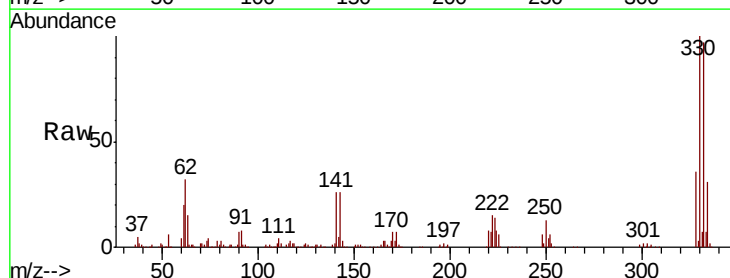
Tgt Ion:330 Resp: 442198

Ion Ratio Lower Upper

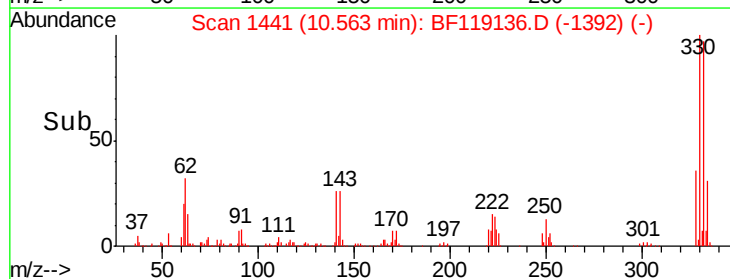
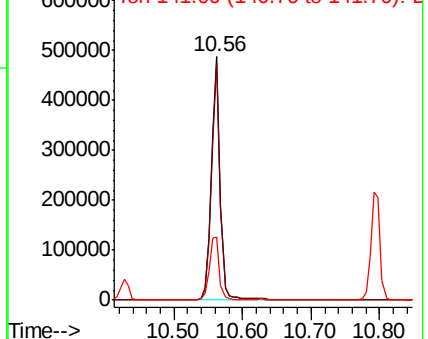
330 100

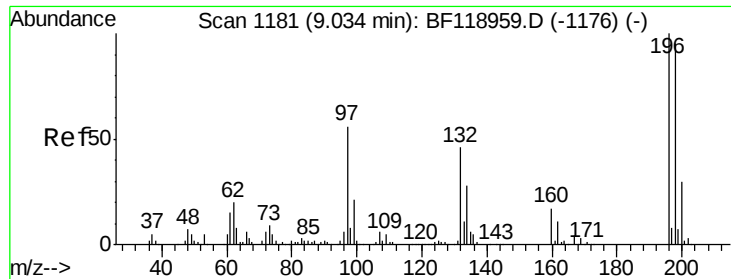
332 96.1 76.0 114.0

141 29.5 22.9 34.3



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

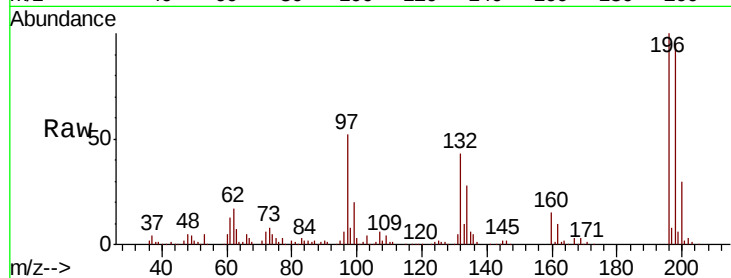




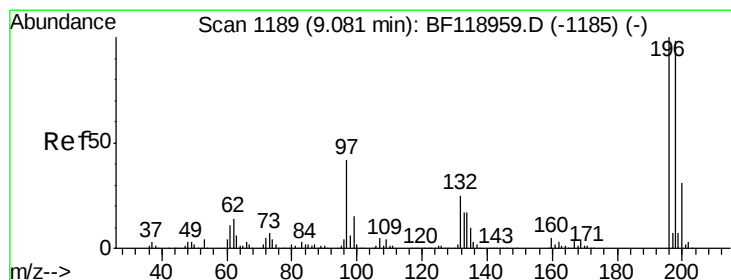
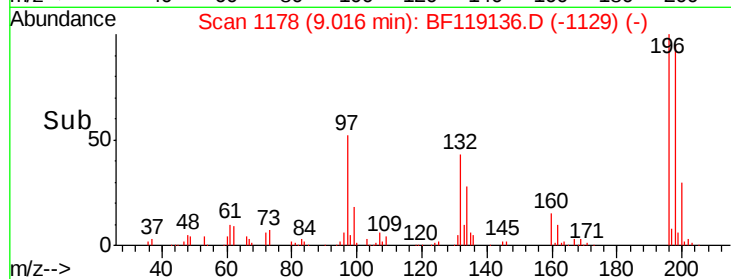
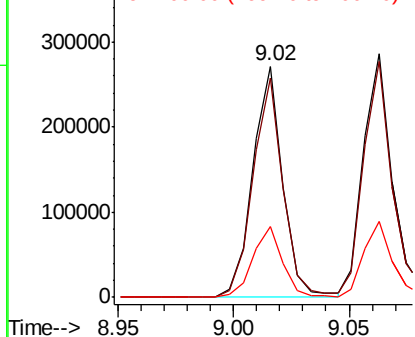
#43
 2,4,6-Trichlorophenol
 Concen: 45.169 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 245685
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 200 30.5 25.0 37.6

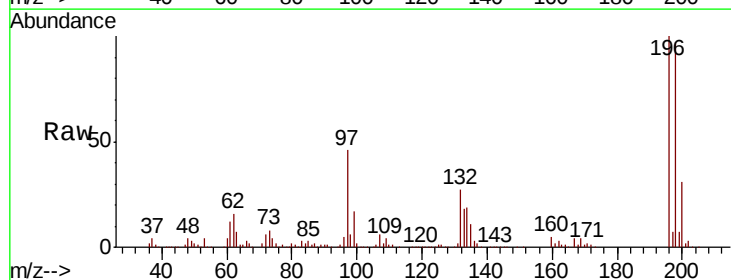


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

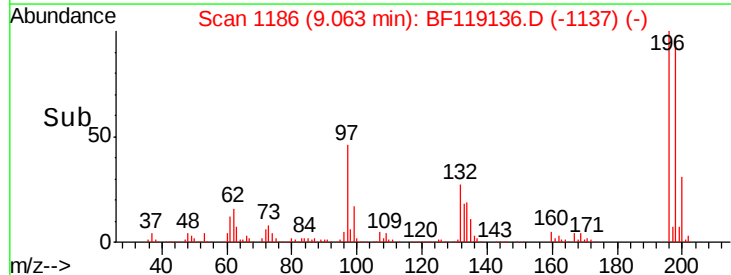
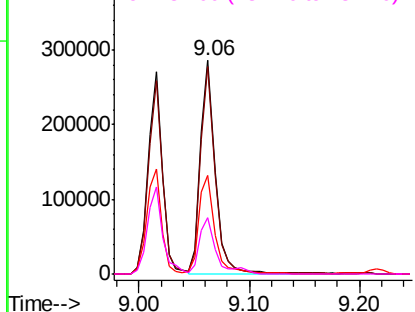


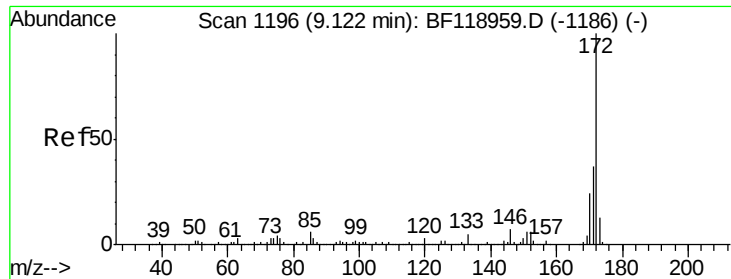
#44
 2,4,5-Trichlorophenol
 Concen: 45.292 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion:196 Resp: 258510
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.8 115.2
 97 46.1 38.5 57.7
 132 26.6 22.2 33.4



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

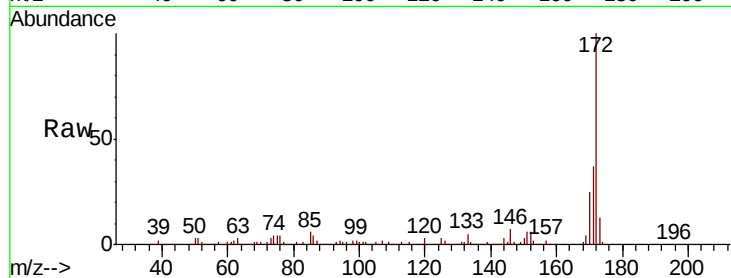




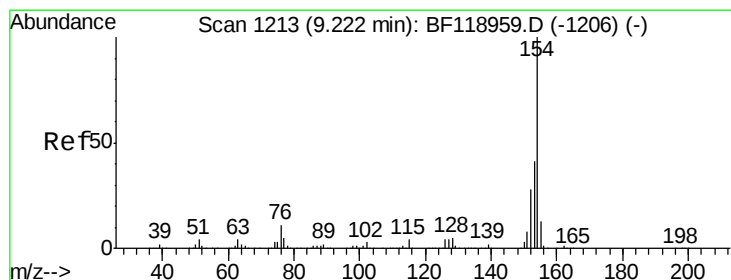
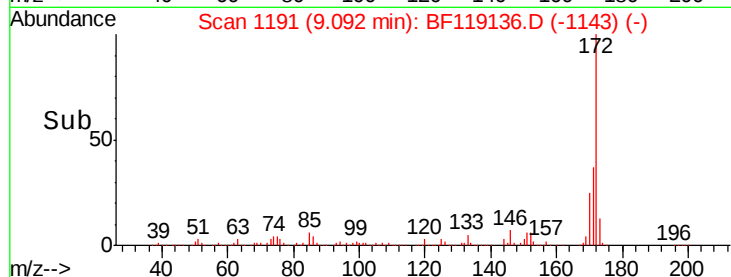
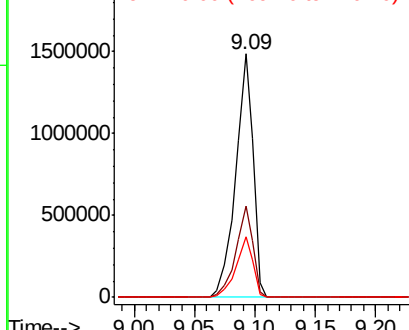
#45
2-Fluorobiphenyl
Concen: 86.301 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1496561
Ion Ratio Lower Upper
172 100
171 37.3 30.6 45.8
170 24.6 20.2 30.2

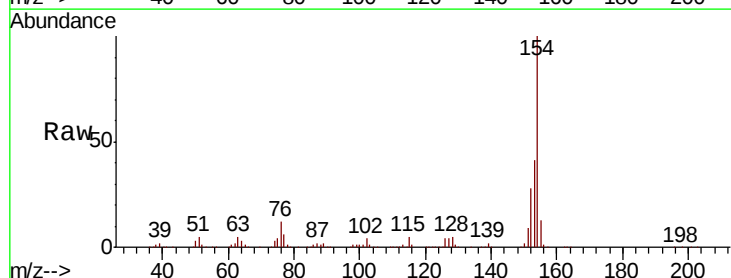


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

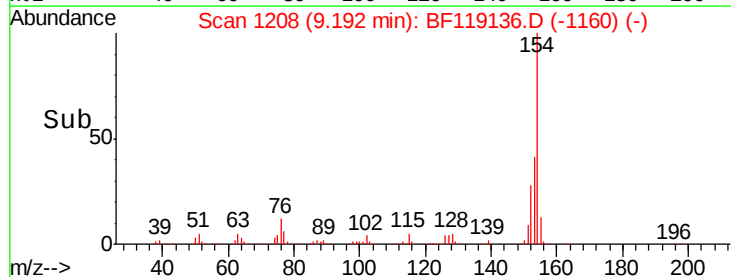
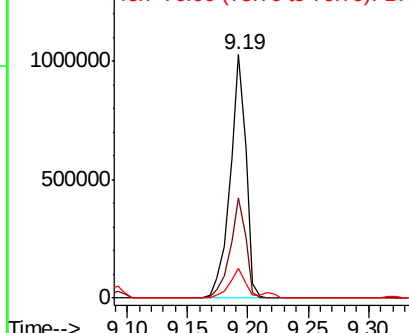


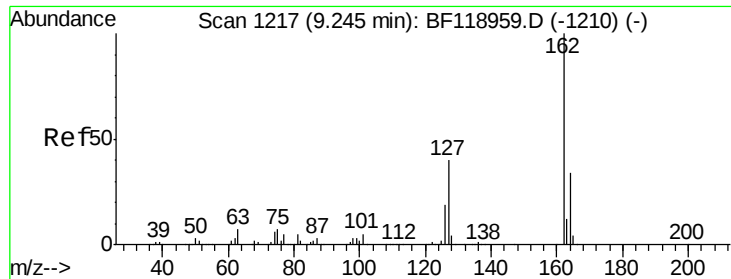
#46
1,1'-Biphenyl
Concen: 45.091 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:154 Resp: 930975
Ion Ratio Lower Upper
154 100
153 41.1 22.8 62.8
76 12.3 0.0 32.2



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

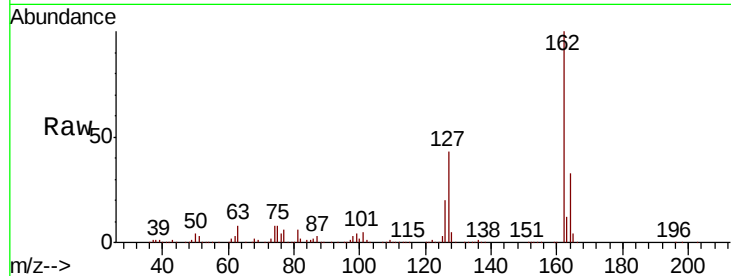




#47
 2-Chloronaphthalene
 Concen: 44.506 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	35.0	52.4
164	32.7	27.2	40.8

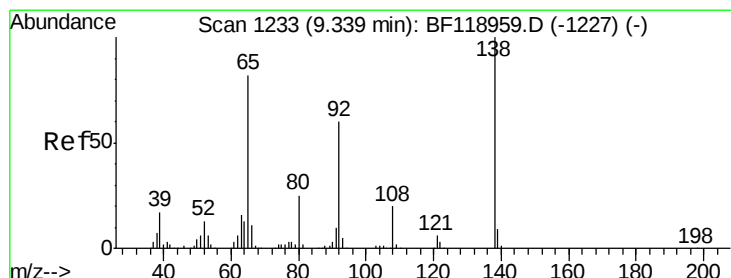
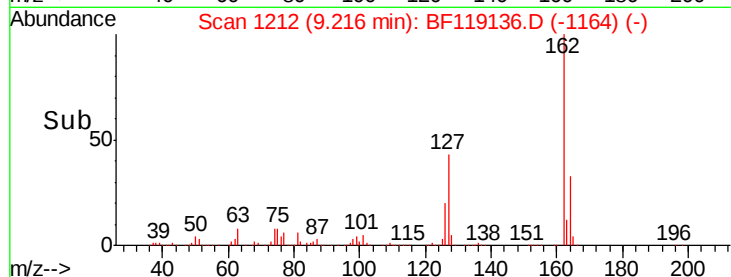
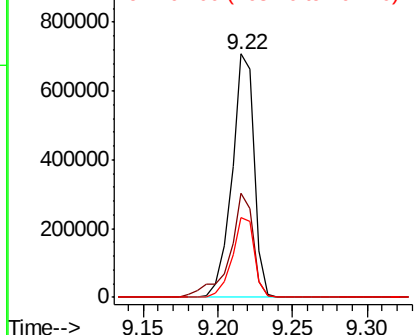


Abundance

Ion 162.00 (161.70 to 162.70): E

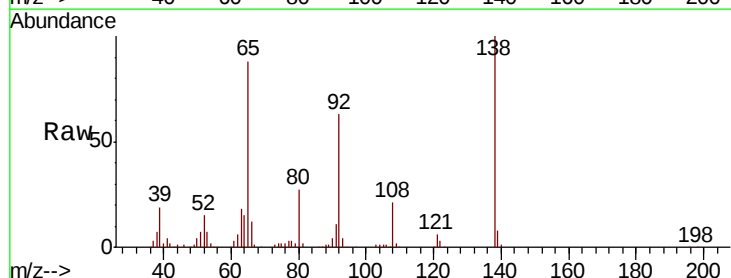
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 45.185 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	58.2	87.2
138	113.6	95.6	143.4

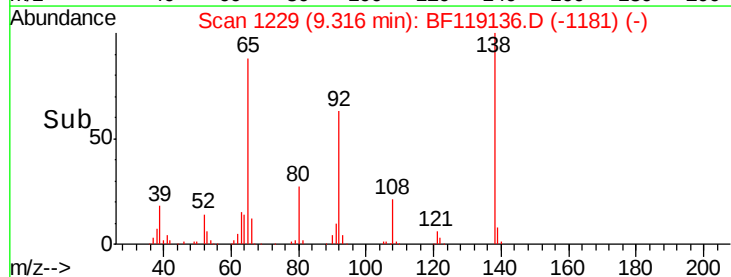
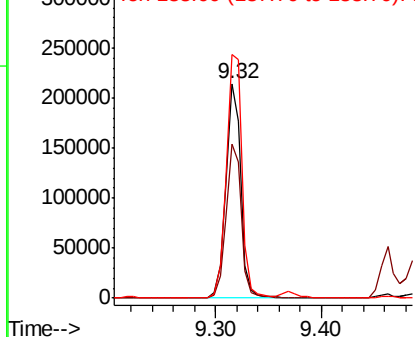


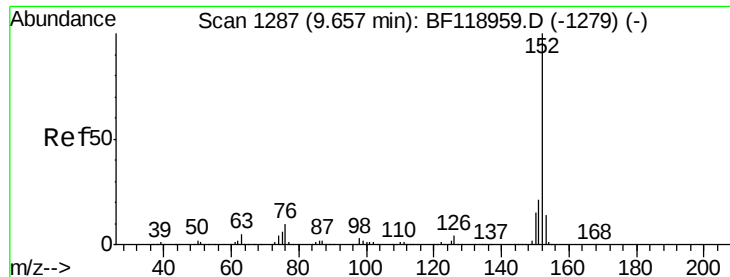
Abundance

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: 47.666 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

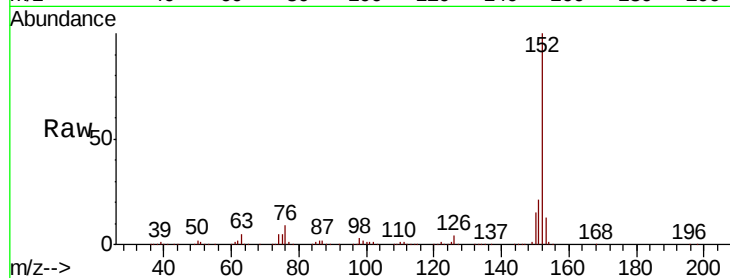
Tot Ion:152 Resp: 1145445

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

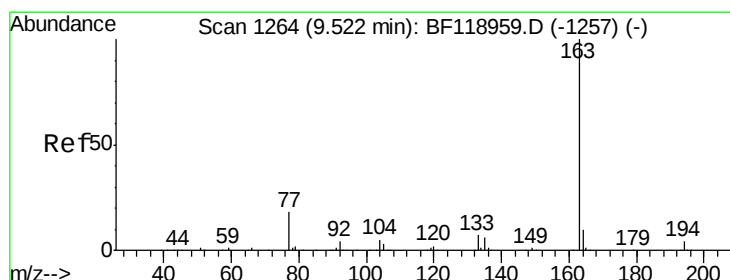
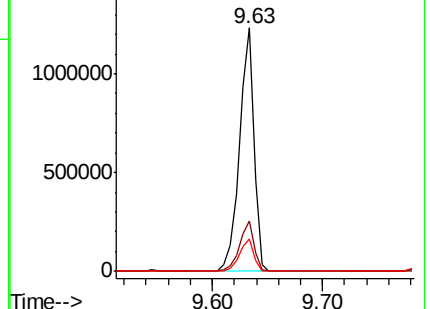
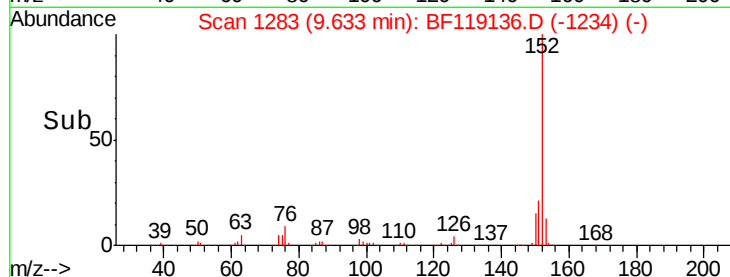
153 13.4 11.0 16.6



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: 52.641 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

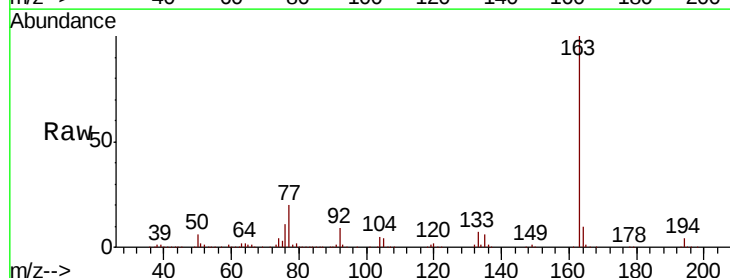
Tgt Ion:163 Resp: 1028332

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

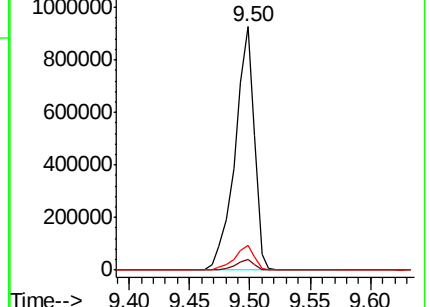
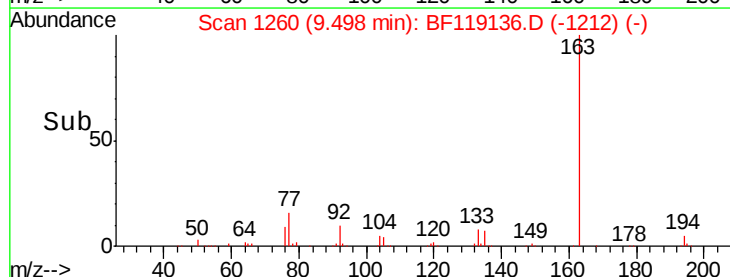
164 10.3 8.4 12.6



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

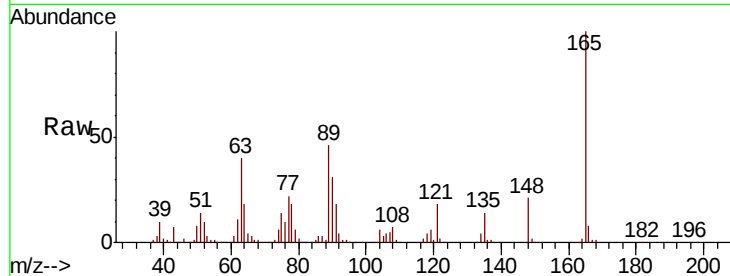




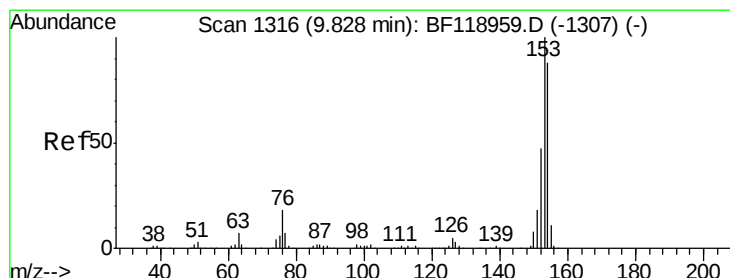
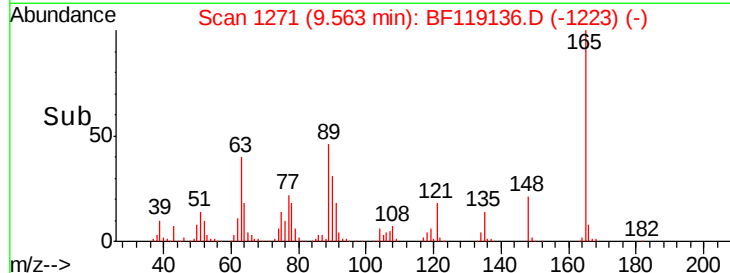
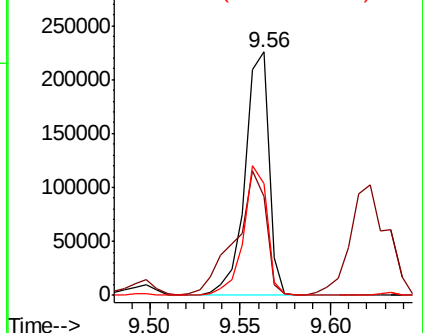
#51
 2,6-Dinitrotoluene
 Concen: 47.689 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	34.3	51.5
89	45.8	38.3	57.5

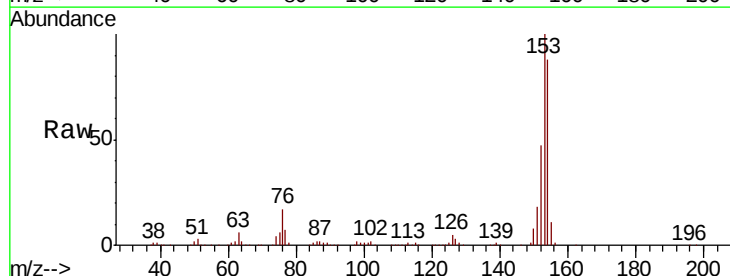


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

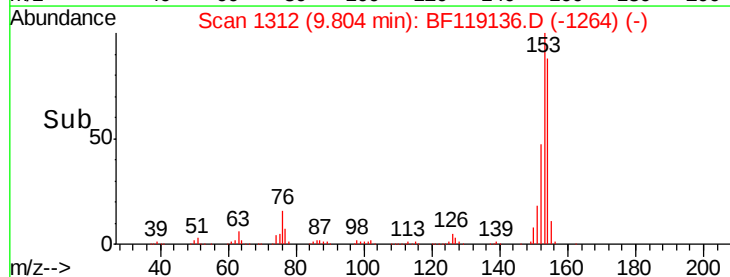
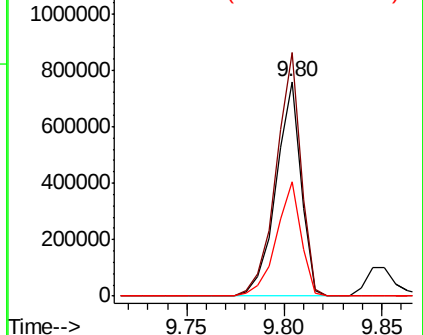


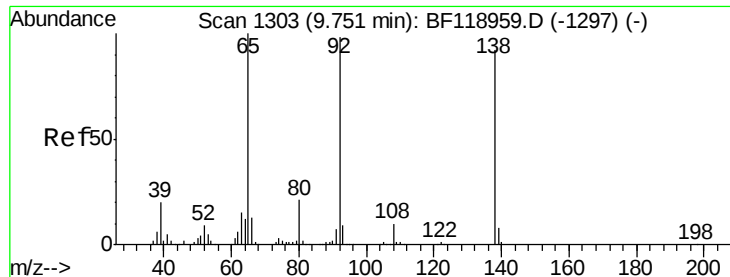
#52
 Acenaphthene
 Concen: 46.505 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.3	135.5
152	53.4	43.8	65.8



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

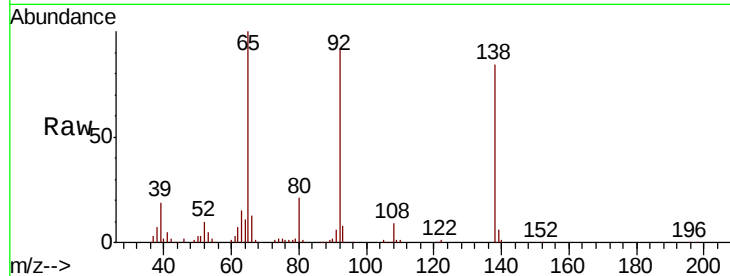




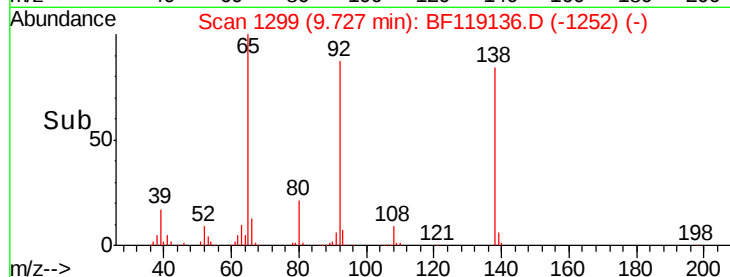
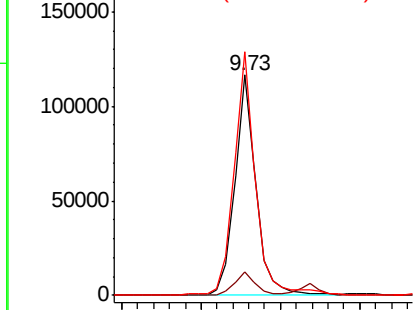
#53
3-Nitroaniline
Concen: 22.508 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.8	13.2
92	110.6	84.8	127.2

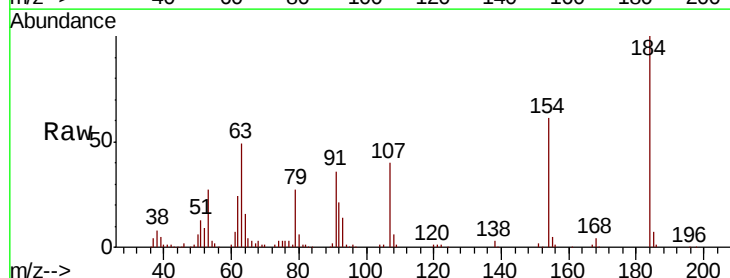


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

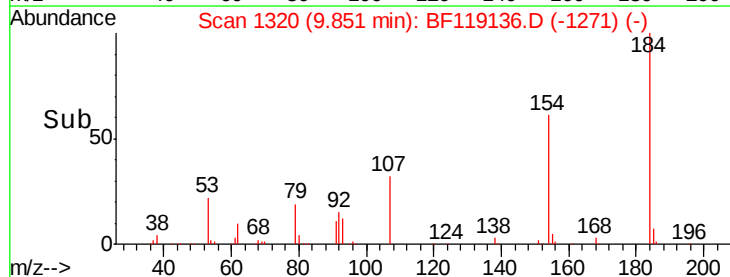
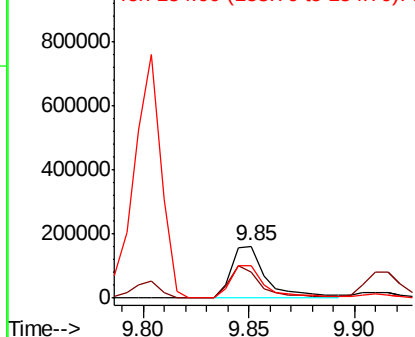


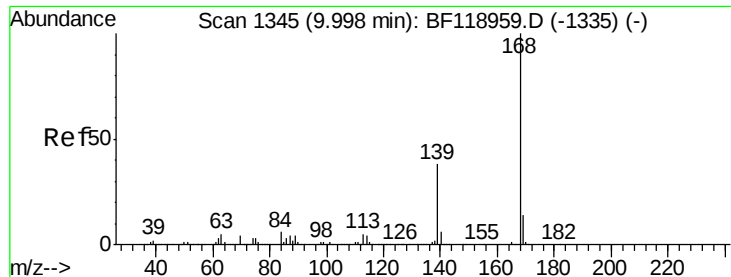
#54
2,4-Dinitrophenol
Concen: 87.220 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.4	38.7	58.1
154	61.3	49.7	74.5



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

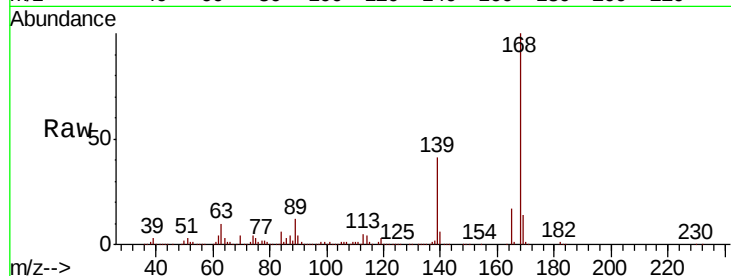




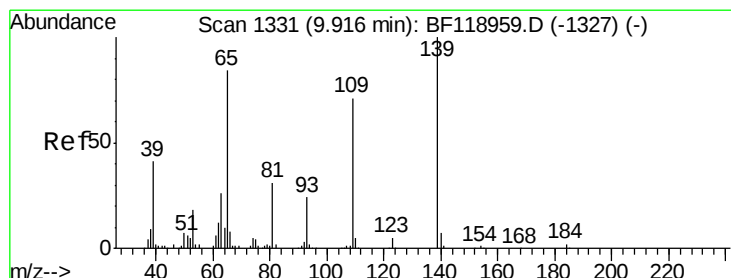
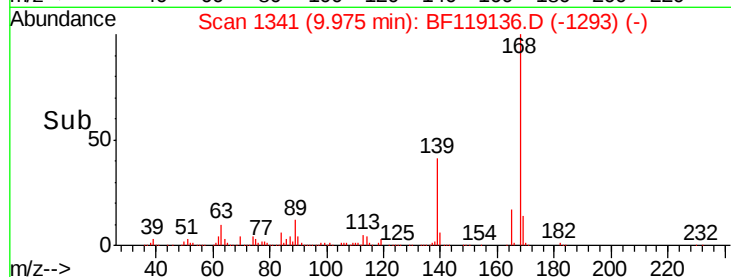
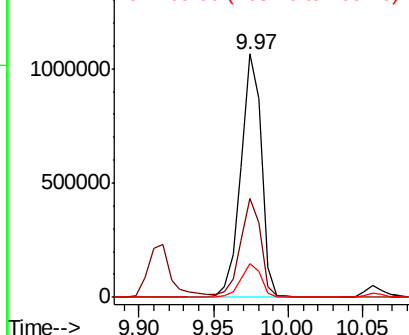
#55
Dibenzofuran
Concen: 47.166 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1020101
Ion Ratio Lower Upper
168 100
139 40.7 34.0 51.0
169 13.8 11.0 16.4

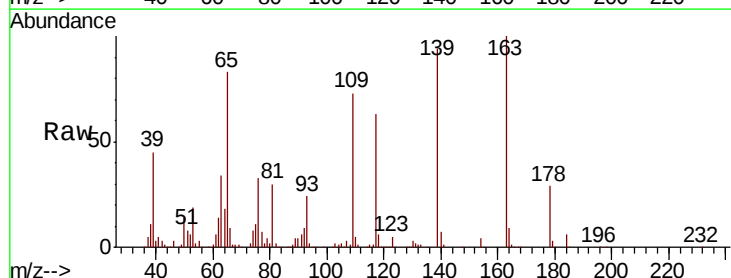


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

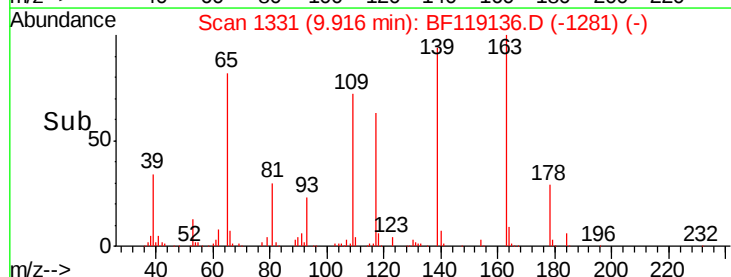
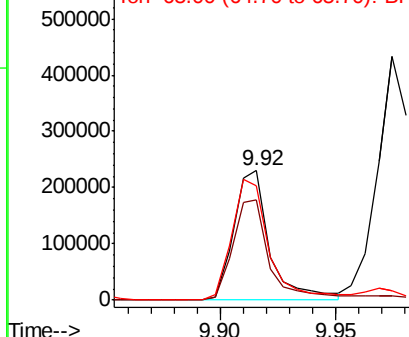


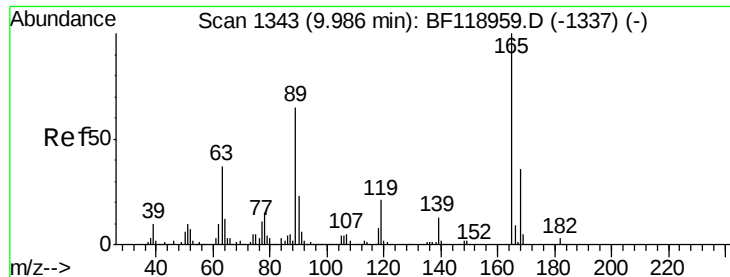
#56
4-Nitrophenol
Concen: 87.157 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:139 Resp: 251957
Ion Ratio Lower Upper
139 100
109 77.0 56.7 96.7
65 88.3 65.0 105.0



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

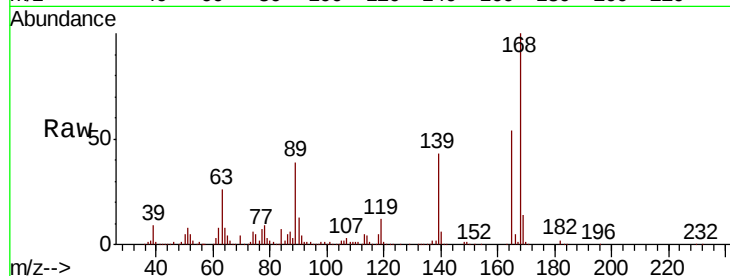




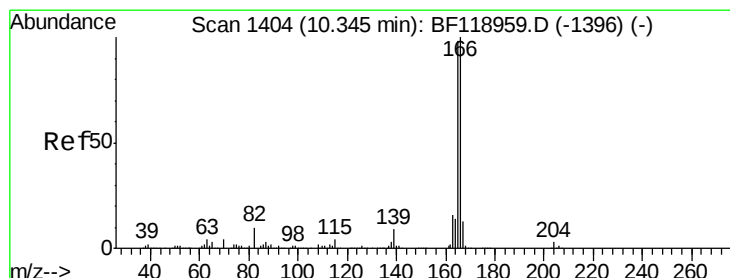
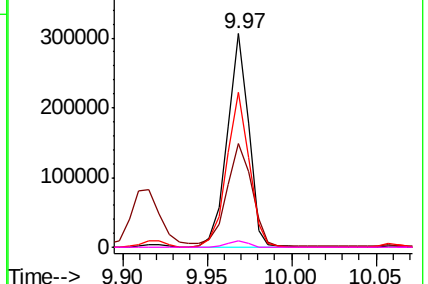
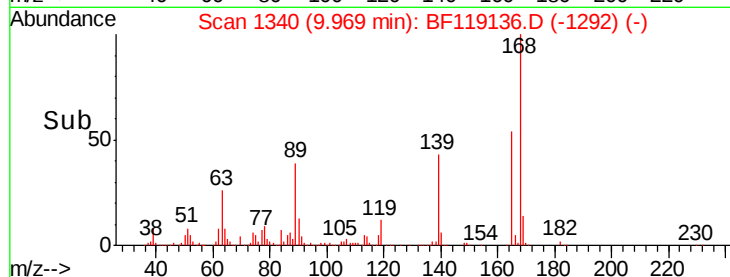
#57
2,4-Dinitrotoluene
Concen: 47.857 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.7	42.3	63.5
89	72.3	60.2	90.4
182	3.2	2.3	3.5

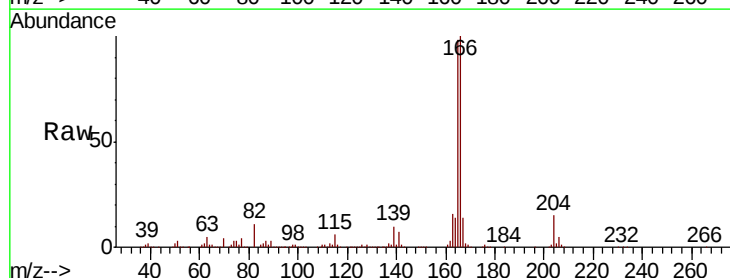


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

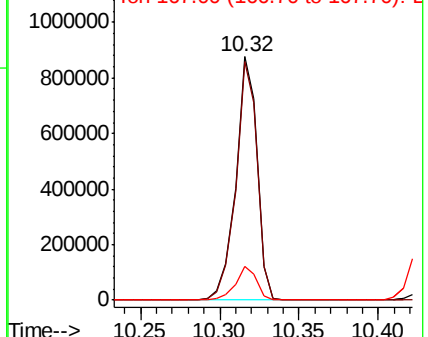
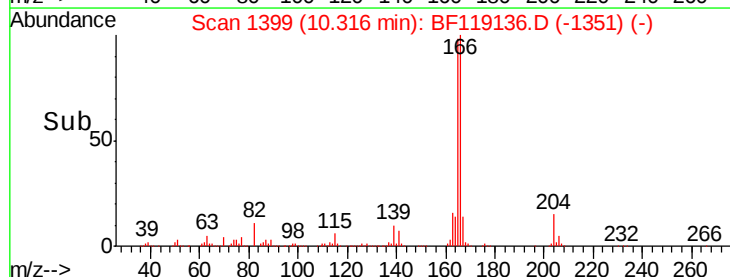


#58
Fluorene
Concen: 48.442 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.9	11.0	16.4



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

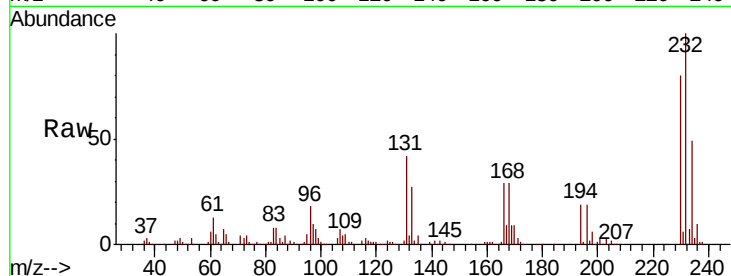




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.200 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	33.8	50.8
130	2.3	1.8	2.6
166	28.6	23.0	34.4



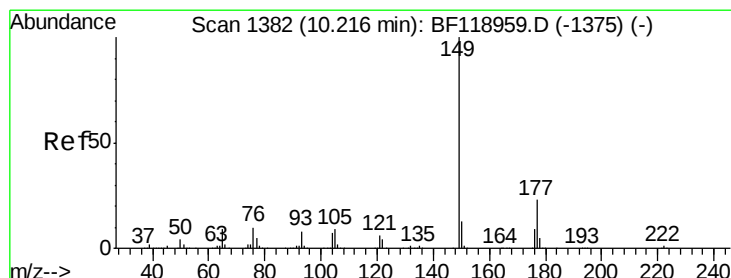
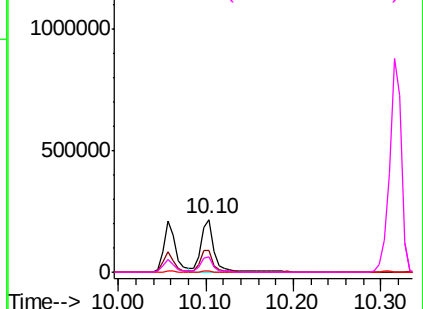
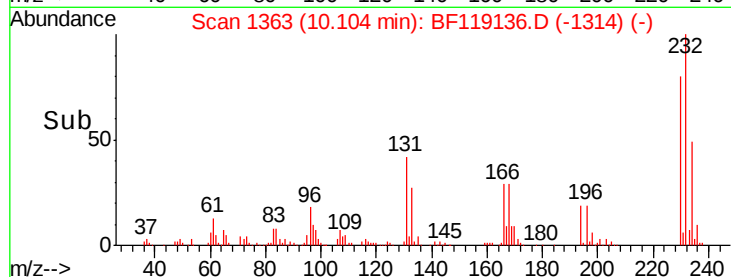
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

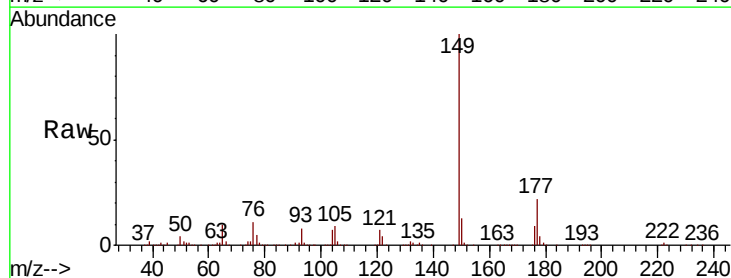
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.179 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	13.0	10.5	15.7

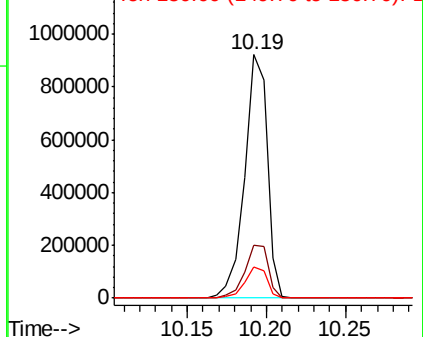
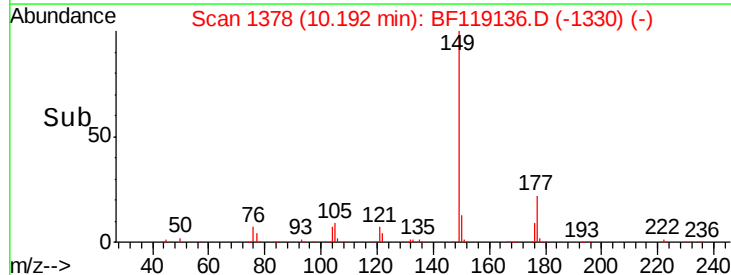


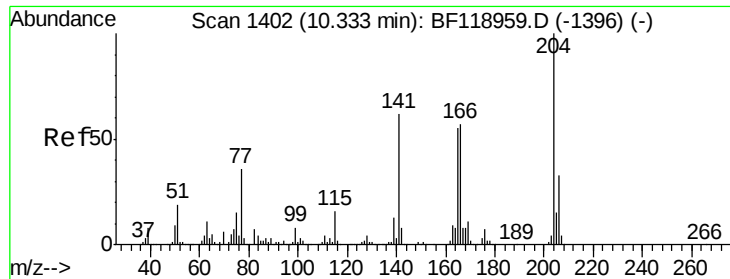
Abundance

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

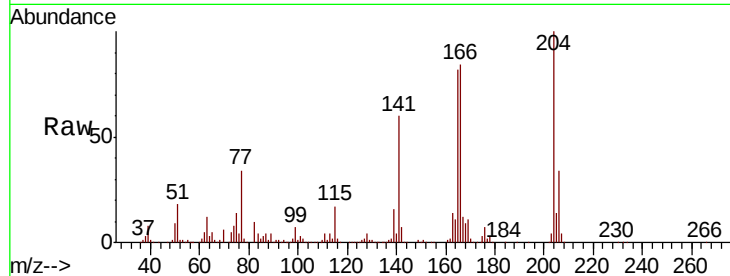




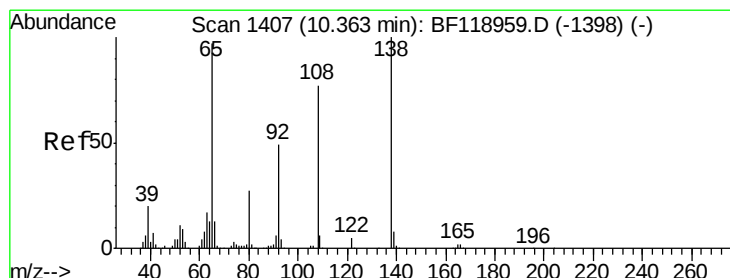
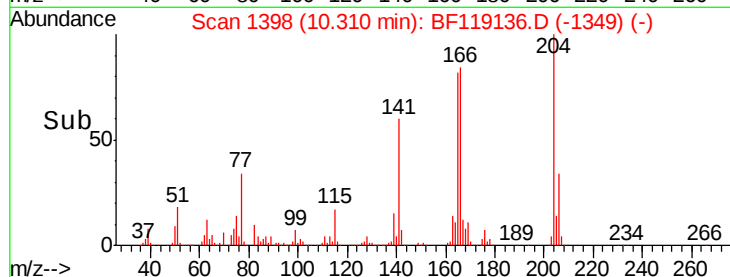
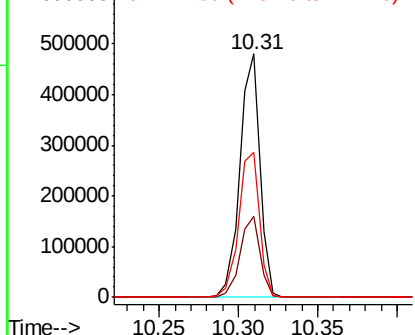
#61
4-Chlorophenyl-phenylether
Concen: 47.413 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 421773
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 59.6 52.9 79.3

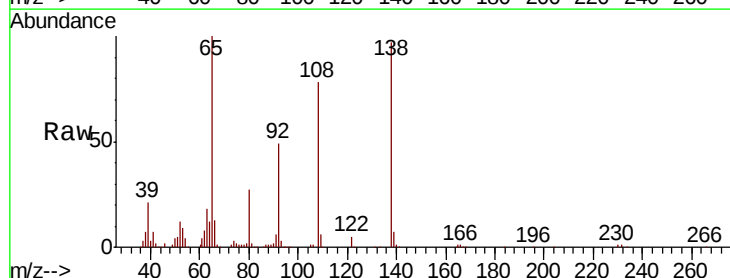


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

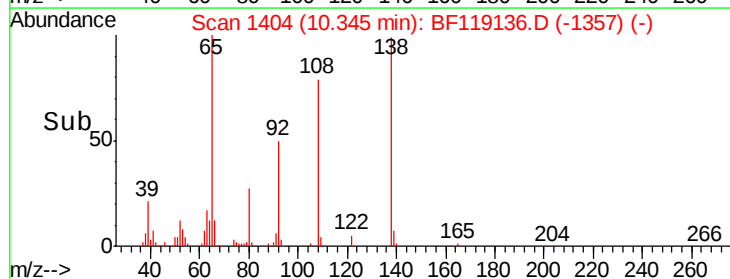
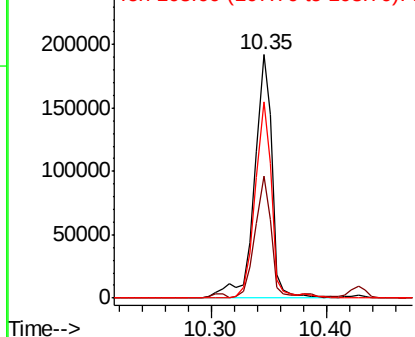


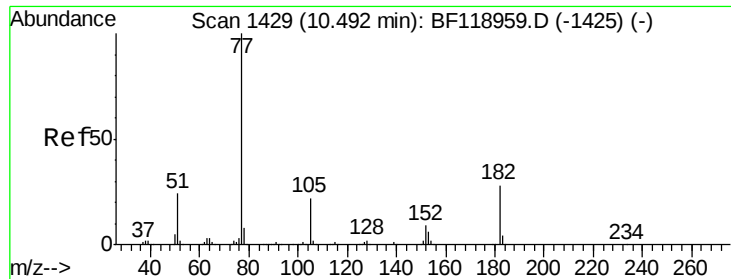
#62
4-Nitroaniline
Concen: 41.623 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:138 Resp: 204898
Ion Ratio Lower Upper
138 100
92 50.2 27.3 67.3
108 80.5 57.0 97.0



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: 49.473 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 791654

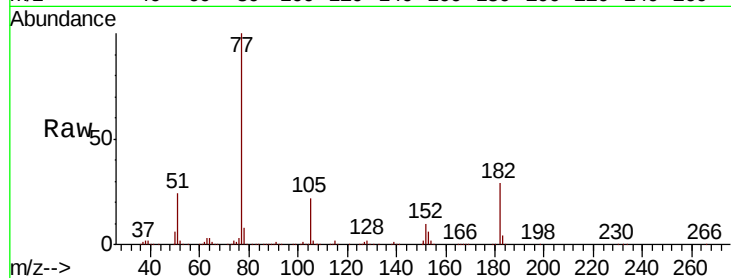
Ion Ratio Lower Upper

77 100

182 28.7 11.4 51.4

105 22.2 3.4 43.4

51 24.1 5.1 45.1

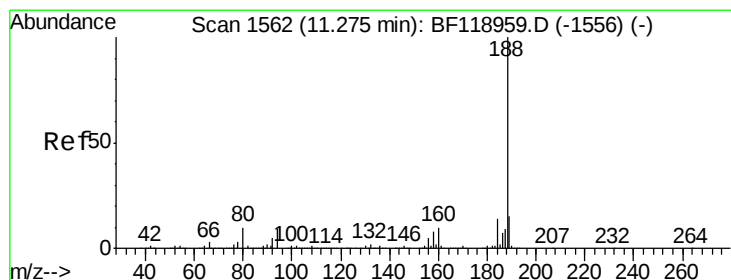
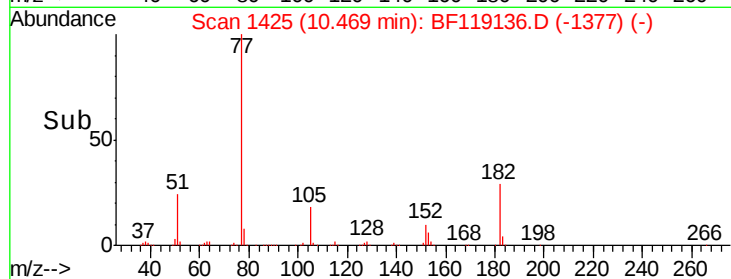
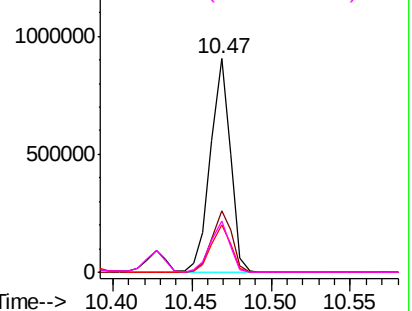


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

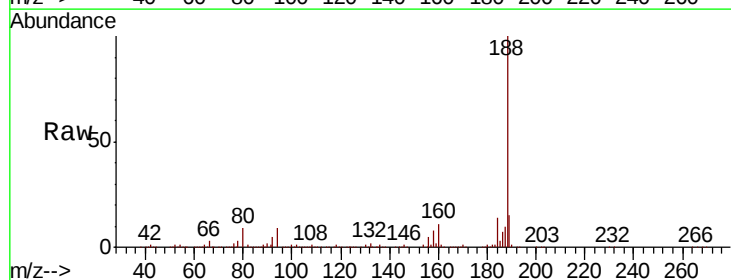
Tgt Ion: 188 Resp: 489370

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

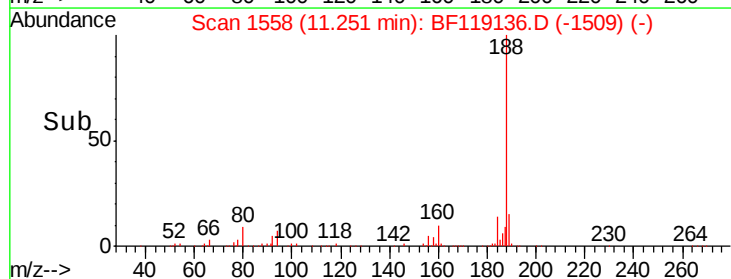
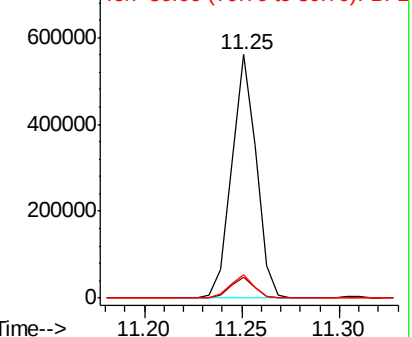
80 9.5 7.8 11.8

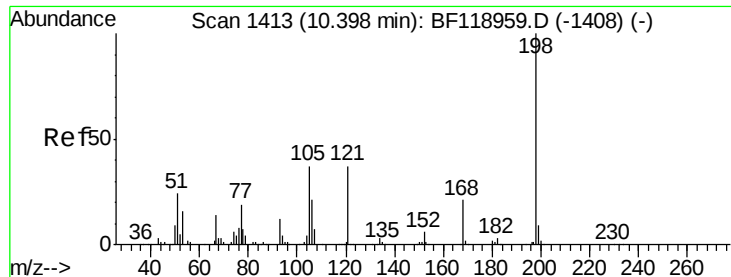


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

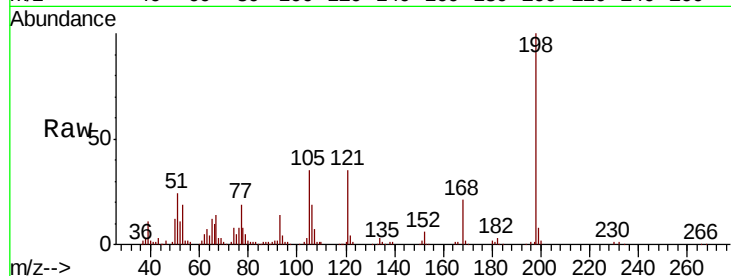




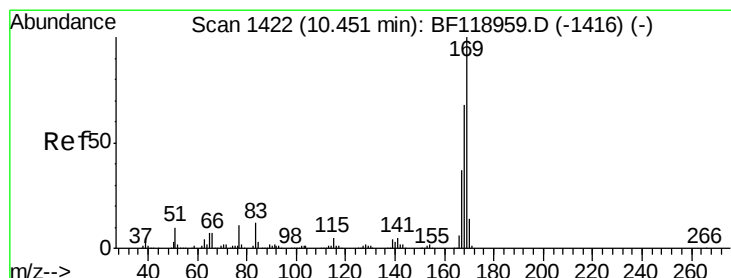
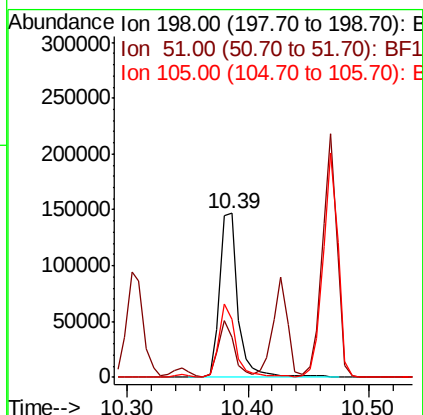
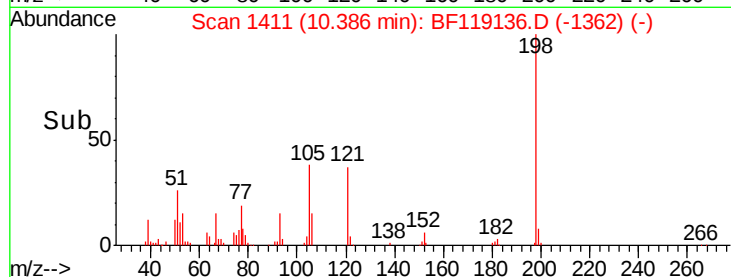
#65
4,6-Dinitro-2-methylphenol
Concen: 51.915 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 153734
Ion Ratio Lower Upper
198 100
51 24.3 14.2 54.2
105 35.2 22.7 62.7

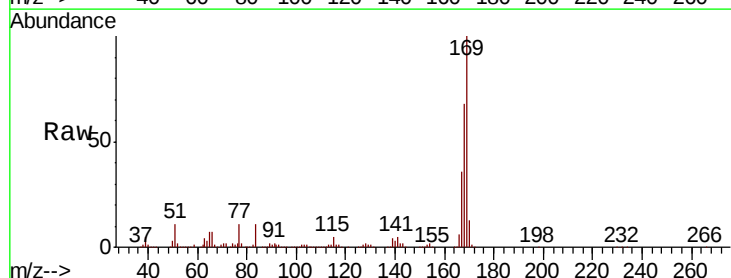


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

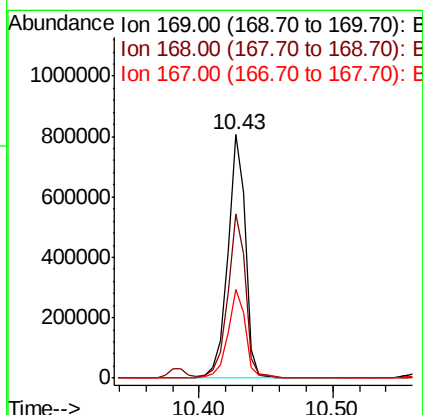
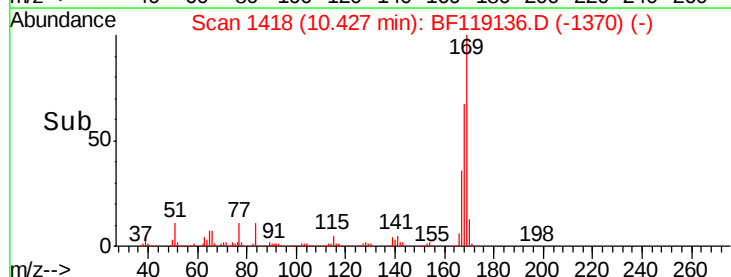


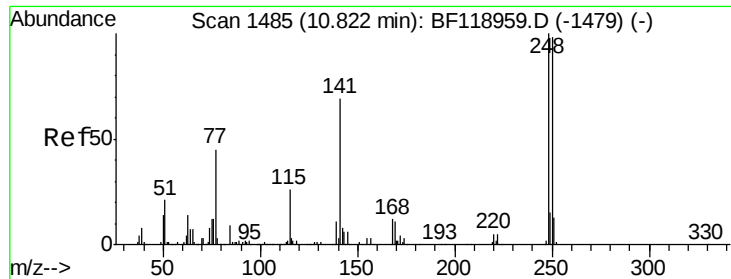
#66
n-Nitrosodiphenylamine
Concen: 46.597 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:169 Resp: 746662
Ion Ratio Lower Upper
169 100
168 67.5 54.1 81.1
167 36.3 29.4 44.0



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

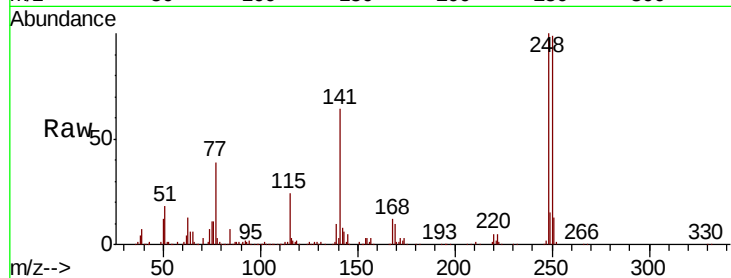




#67
4-Bromophenyl-phenylether
Concen: 44.322 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.7	115.1
141	64.1	60.7	91.1

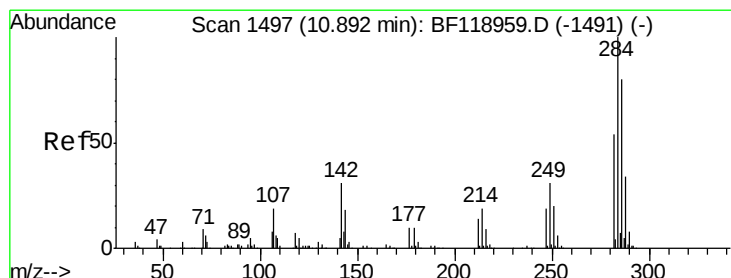
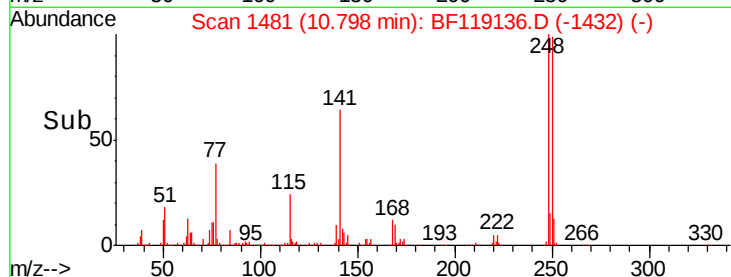
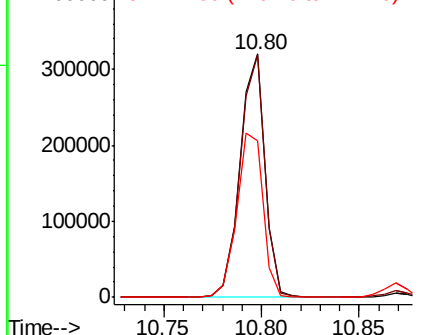


Abundance

Ion 248.00 (247.70 to 248.70): E

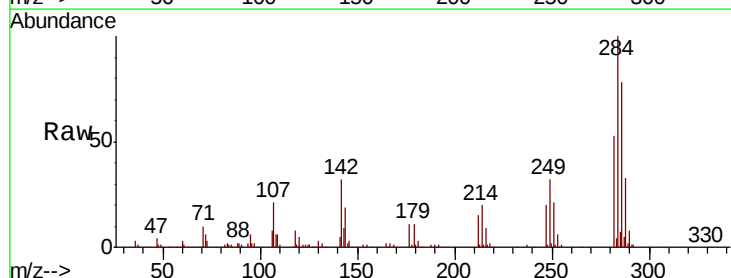
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.307 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	23.7	35.5
249	31.6	25.0	37.6

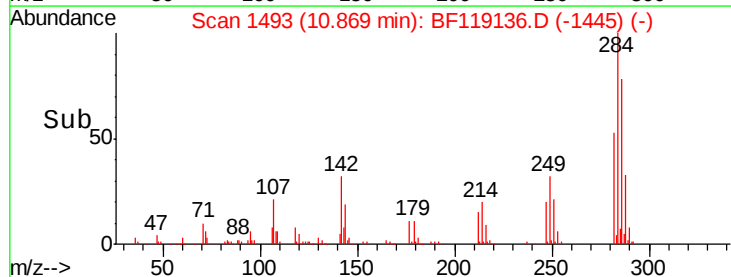
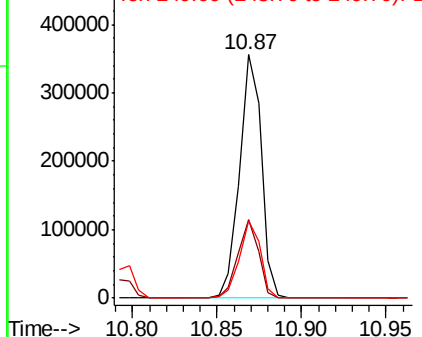


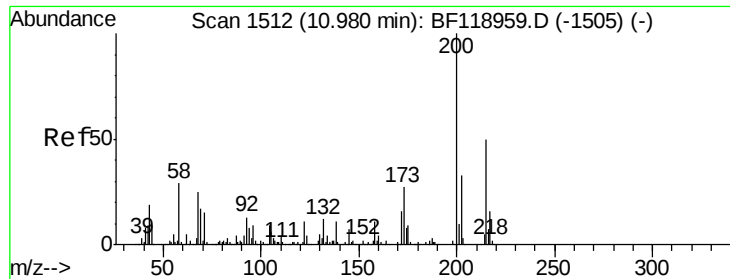
Abundance

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

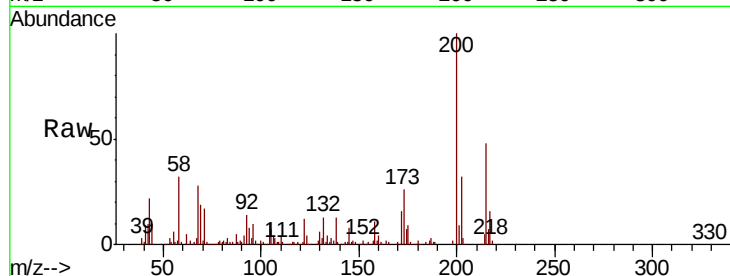




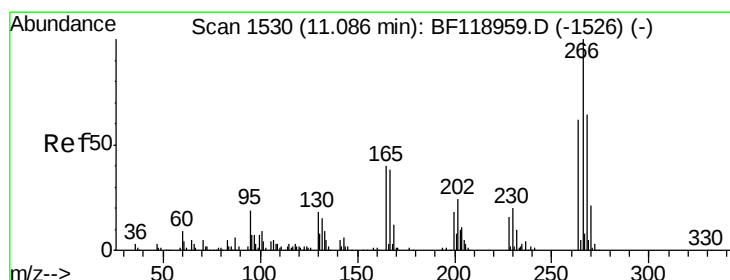
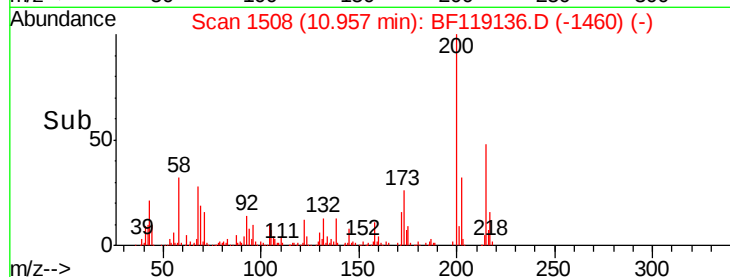
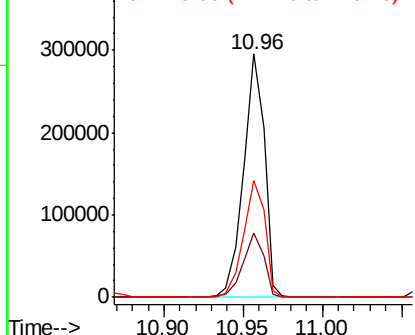
#69
Atrazine
Concen: 48.153 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.4	46.4
215	48.0	27.4	67.4

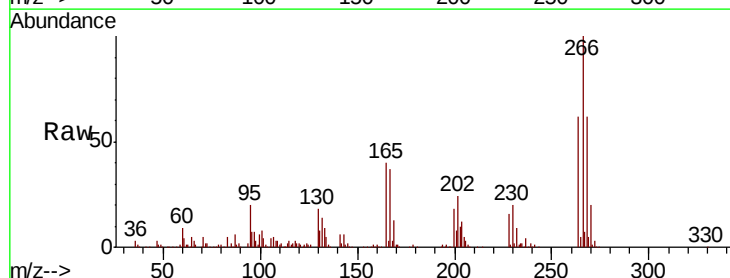


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

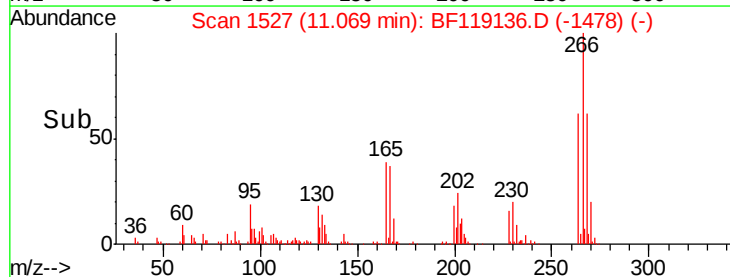
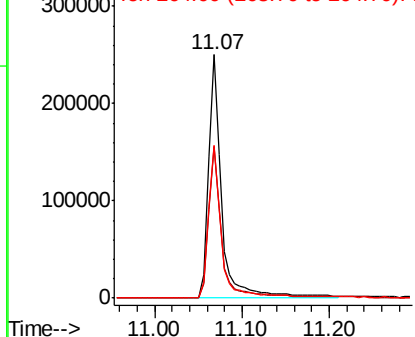


#70
Pentachlorophenol
Concen: 89.069 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.9	77.9
264	62.5	51.0	76.4



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

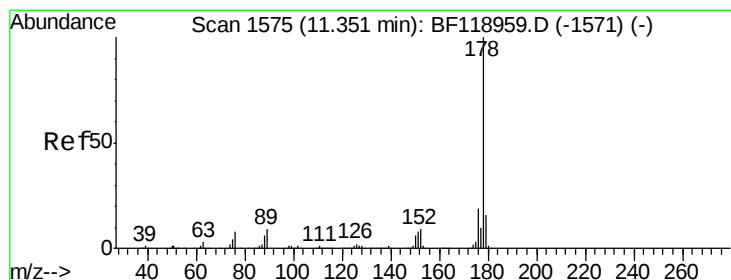
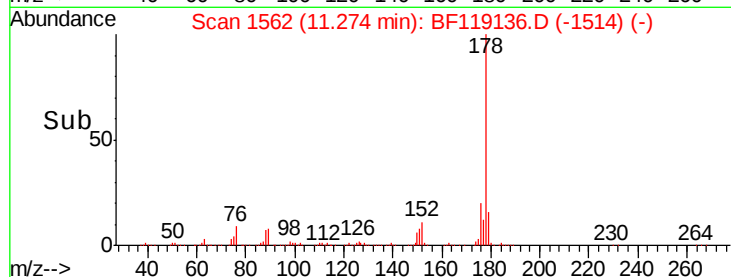
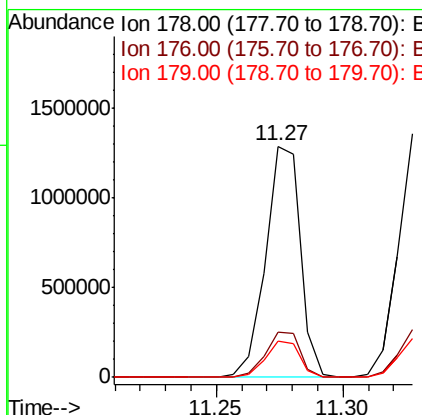
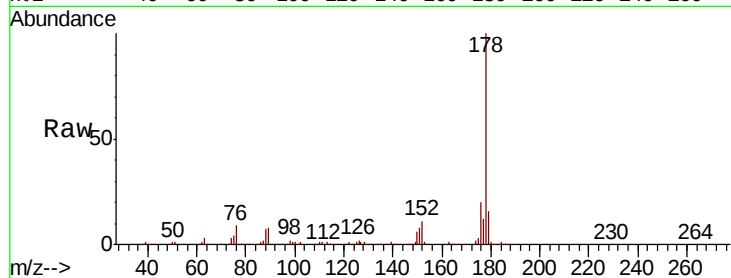




#71
Phenanthrene
Concen: 46.361 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

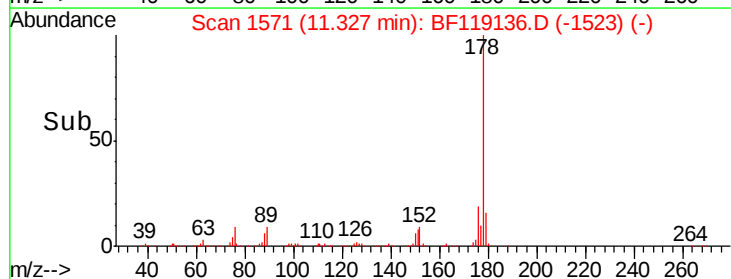
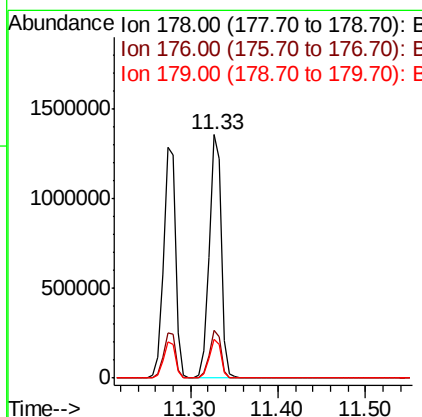
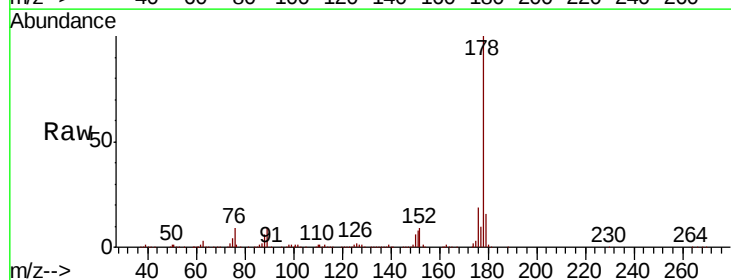
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1237267
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.7 13.0 19.6



#72
Anthracene
Concen: 48.741 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:178 Resp: 1299716
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.0 13.1 19.7



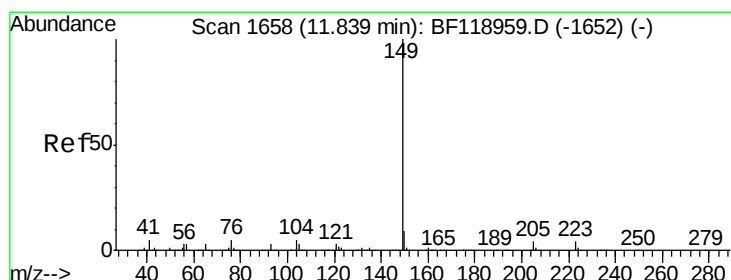
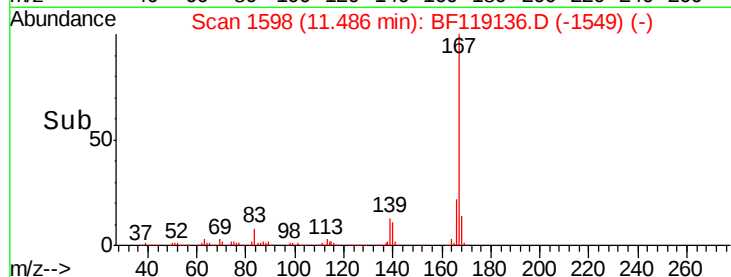
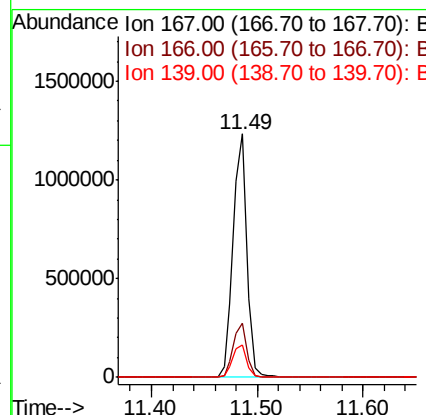
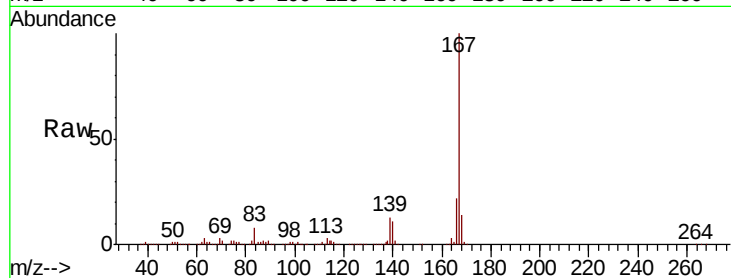


#73
 Carbazole
 Concen: 46.847 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1112874

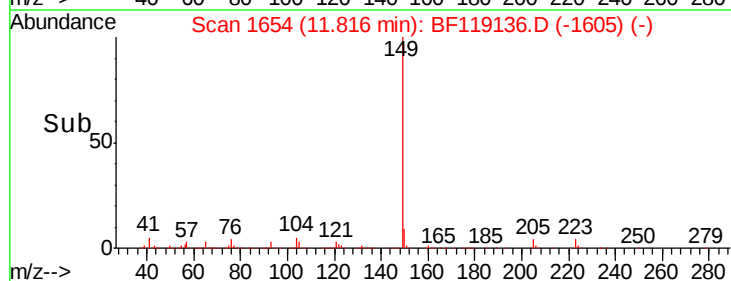
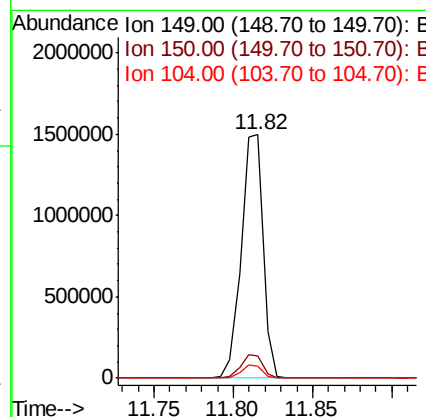
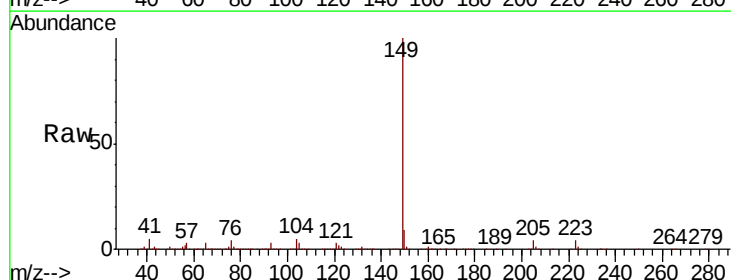
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.4	11.7	17.5

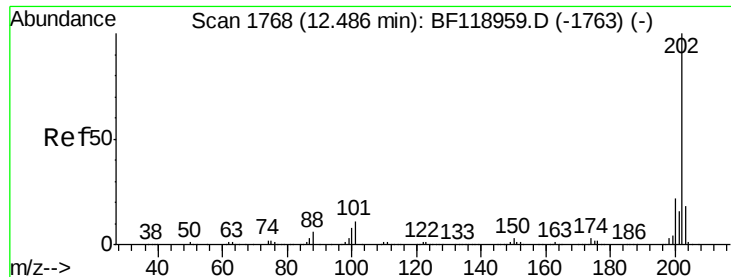


#74
 Di-n-butylphthalate
 Concen: 49.812 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion:149 Resp: 1433006

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	4.8	4.6	6.8

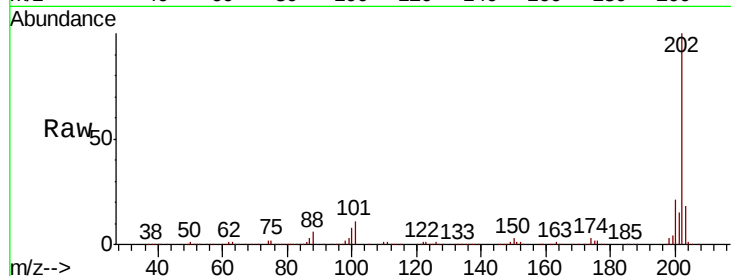




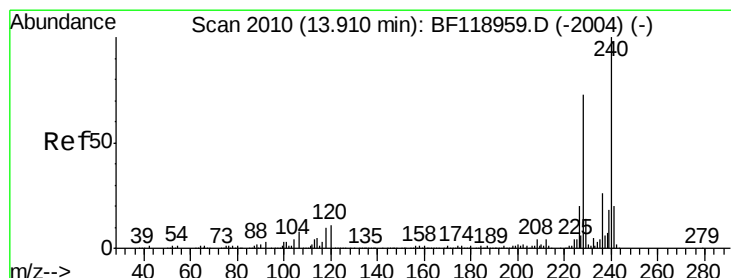
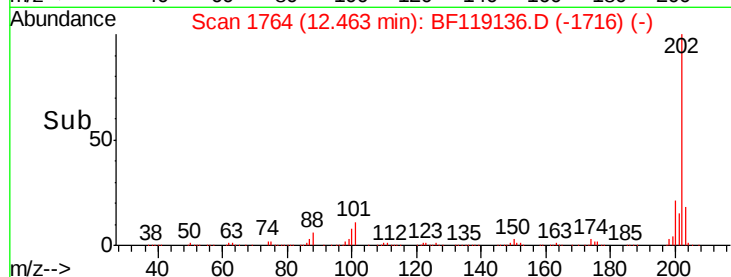
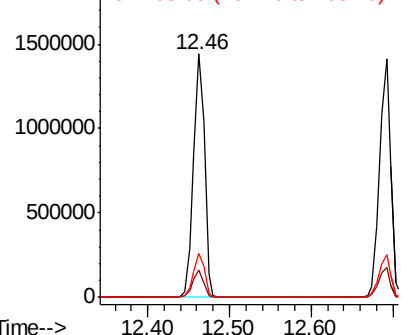
#75
Fluoranthene
Concen: 48.037 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1360817
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.3
203 17.9 0.0 38.4

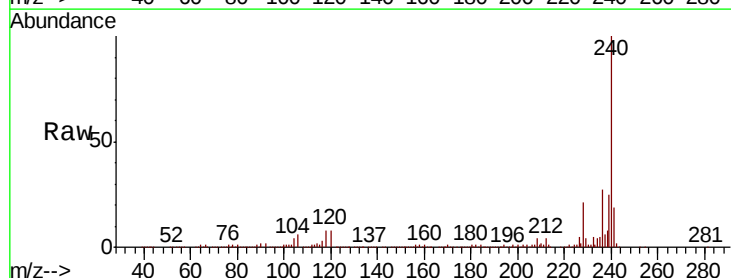


Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

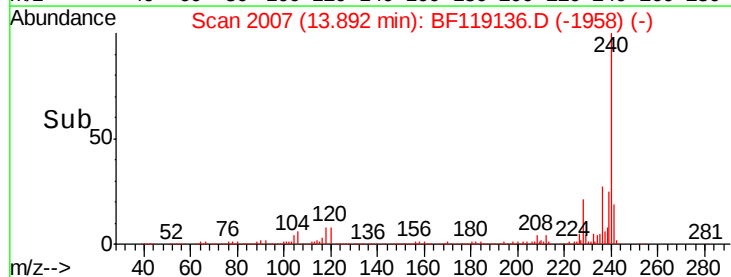
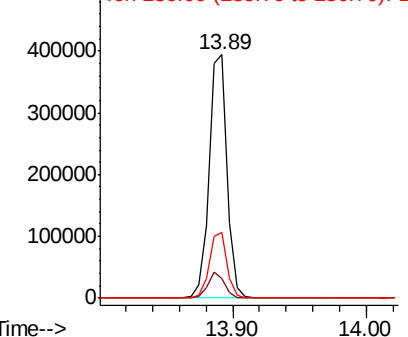


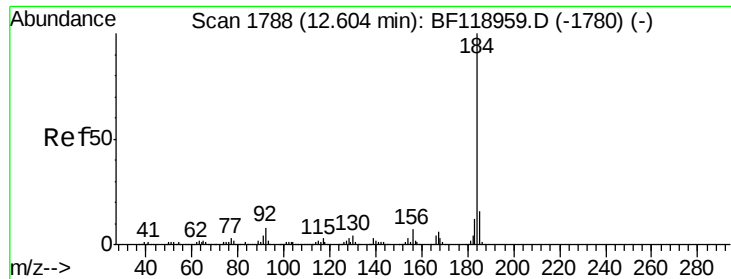
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:240 Resp: 375312
Ion Ratio Lower Upper
240 100
120 8.3 8.4 12.6#
236 27.1 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
500000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.042 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

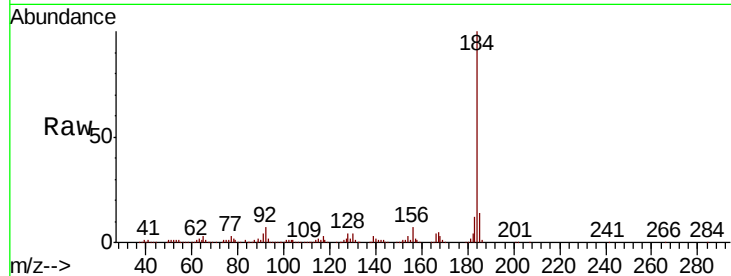
Tot Ion:184 Resp: 534868

Ion Ratio Lower Upper

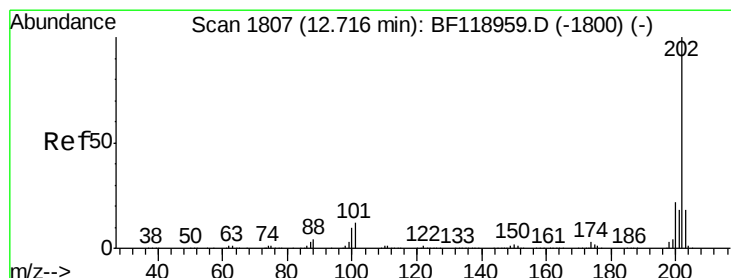
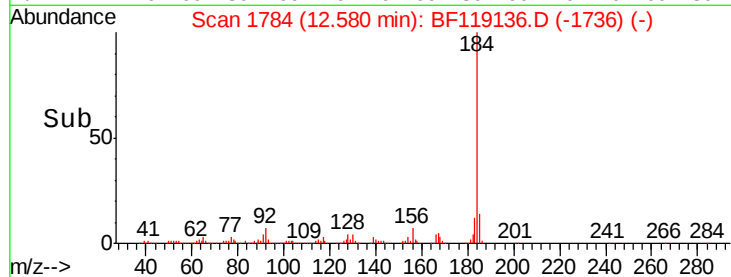
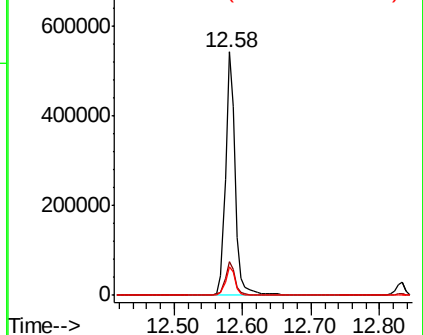
184 100

185 14.0 12.2 18.4

183 12.0 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.478 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

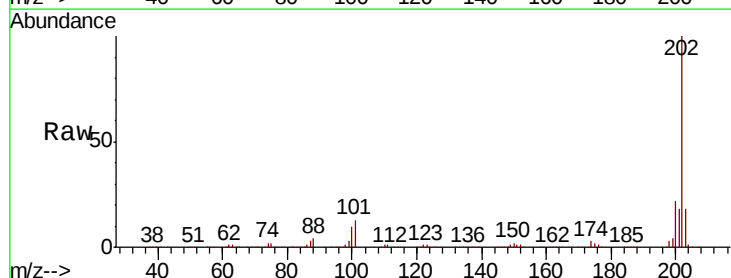
Tgt Ion:202 Resp: 1370587

Ion Ratio Lower Upper

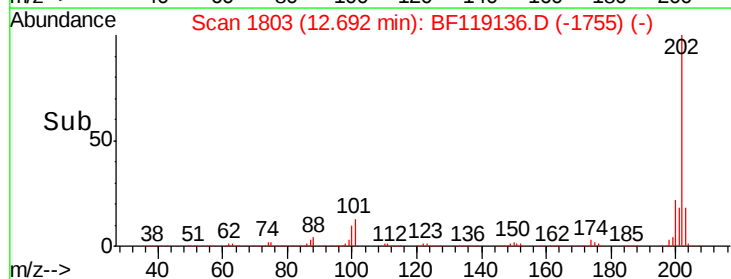
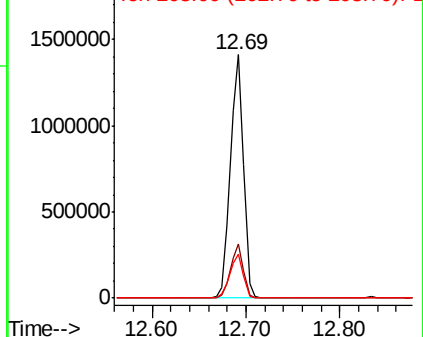
202 100

200 22.1 18.0 27.0

203 18.1 14.6 22.0



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



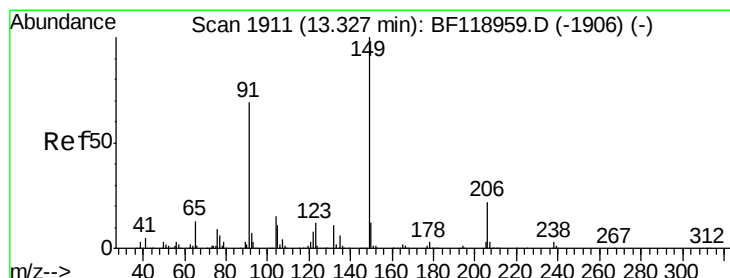
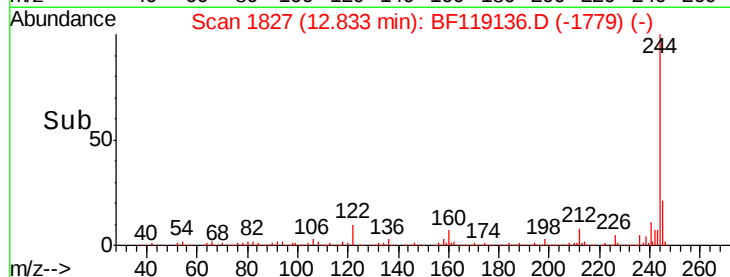
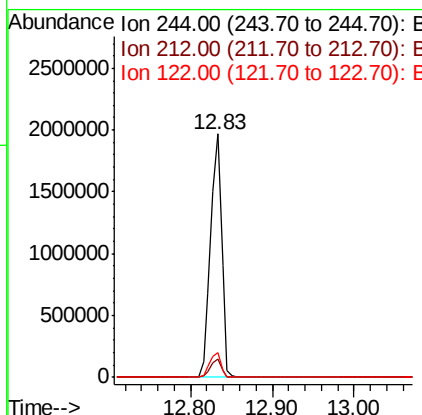
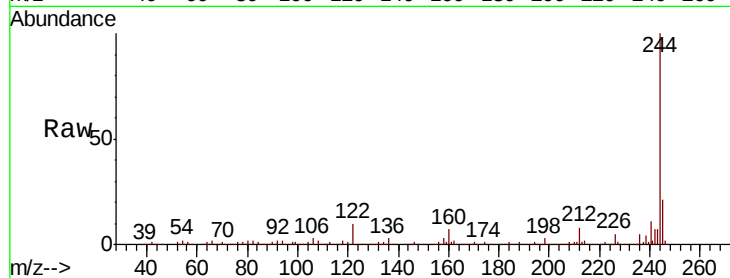


#79
 Terphenyl-d14
 Concen: 85.619 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1866437

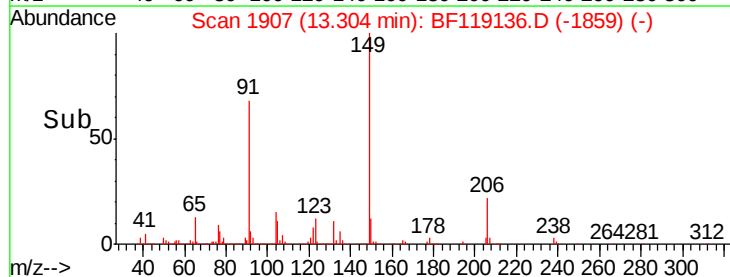
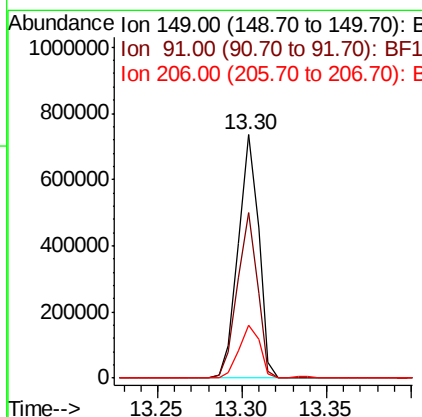
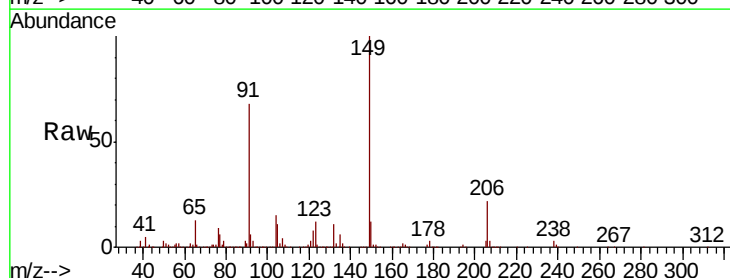
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	10.0	8.2	12.2



#80
 Butylbenzylphthalate
 Concen: 48.893 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion:149 Resp: 620153

Ion	Ratio	Lower	Upper
149	100		
91	68.3	52.3	78.5
206	21.8	18.5	27.7





#81

Benzo(a)anthracene

Concen: 47.365 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

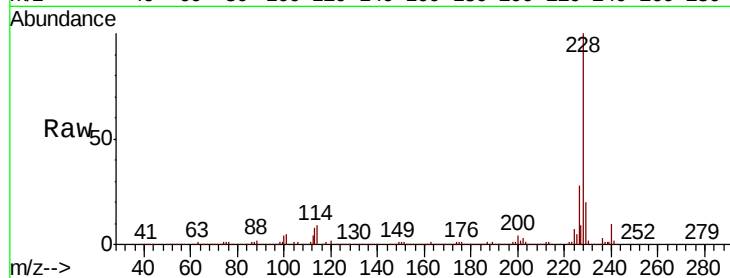
Tot Ion:228 Resp: 1211246

Ion Ratio Lower Upper

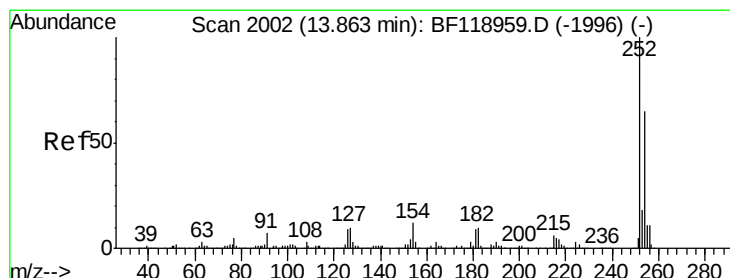
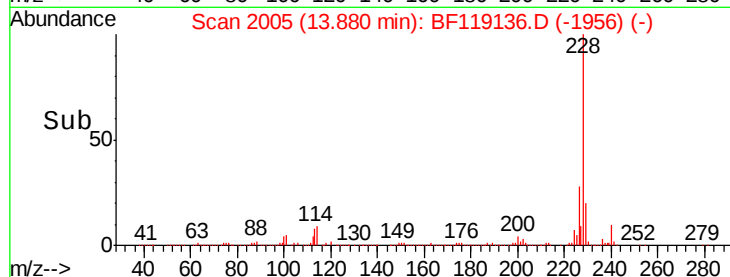
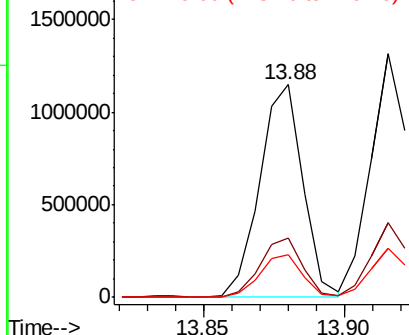
228 100

226 27.7 22.6 33.8

229 20.3 16.6 24.8



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: 31.549 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

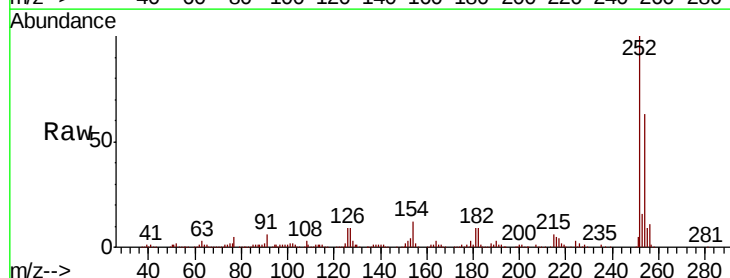
Tgt Ion:252 Resp: 313276

Ion Ratio Lower Upper

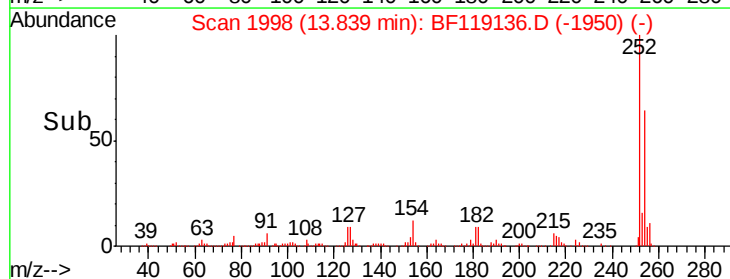
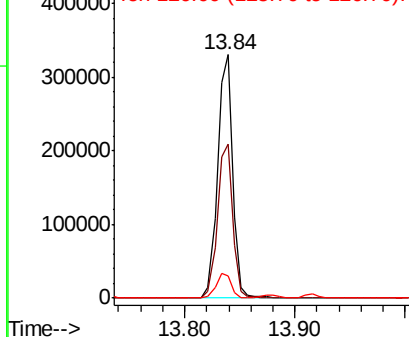
252 100

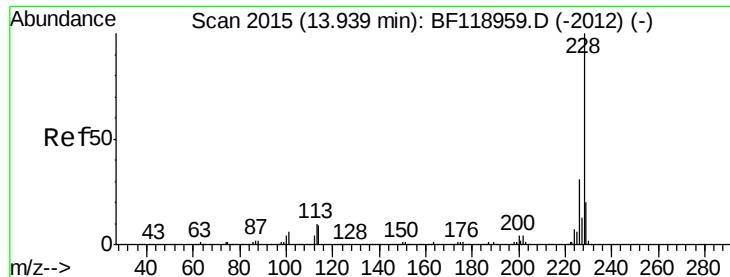
254 63.5 51.6 77.4

126 9.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

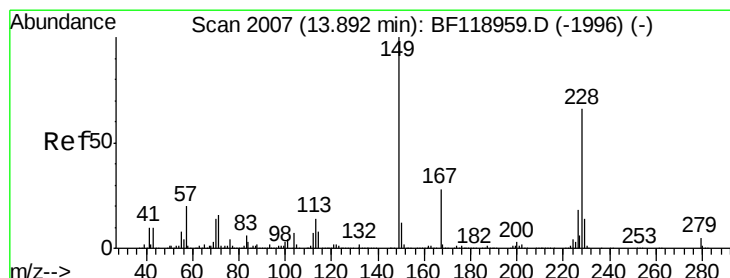
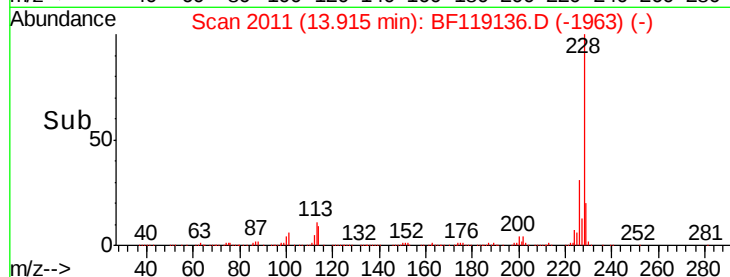
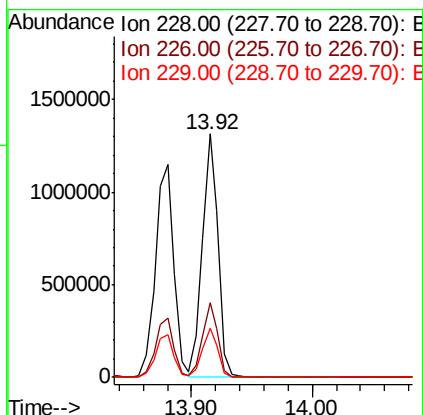
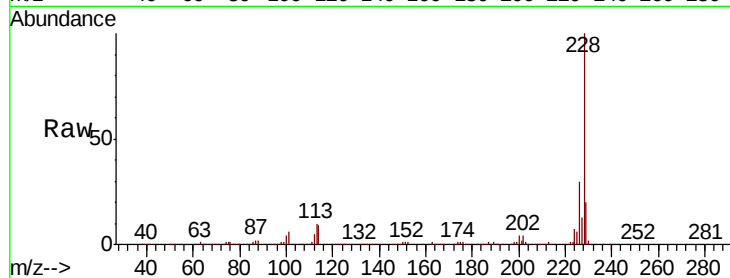




#83
 Chrvsene
 Concen: 46.377 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

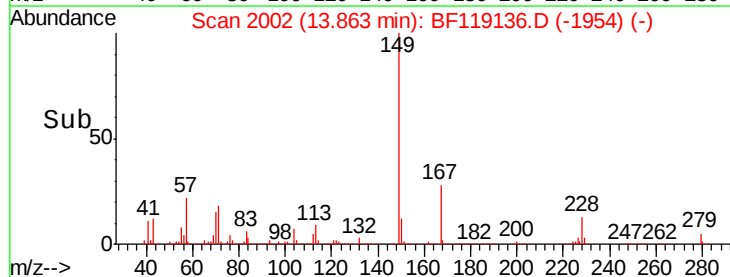
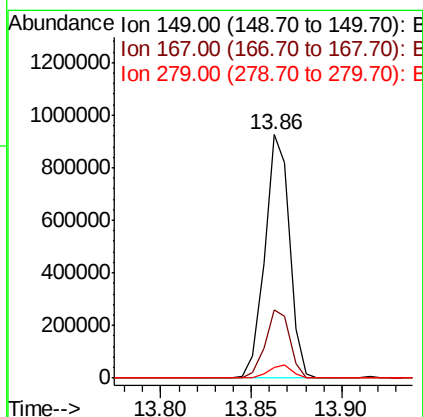
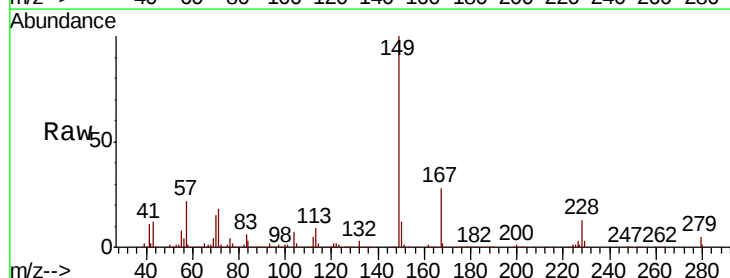
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1181735
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 20.1 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.756 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119136.D
 Acq: 28 Feb 2020 17:45

Tgt Ion:149 Resp: 877416
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.8 34.2
 279 4.5 4.6 6.8#





#85

Di-n-octyl phthalate

Concen: 56.181 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

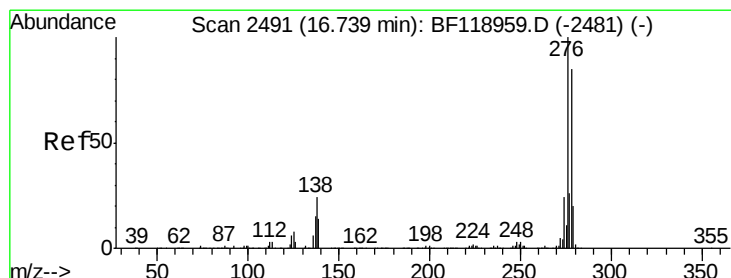
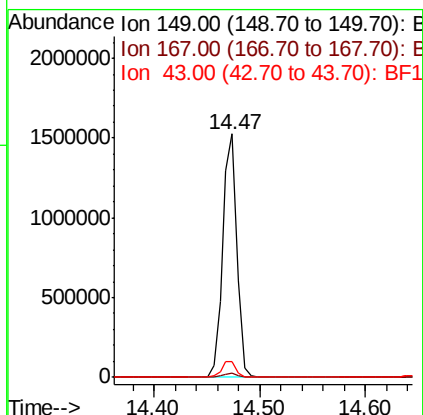
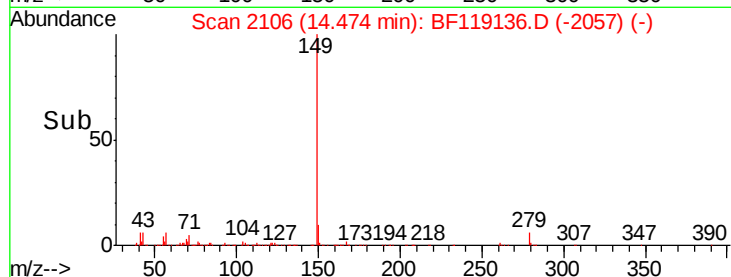
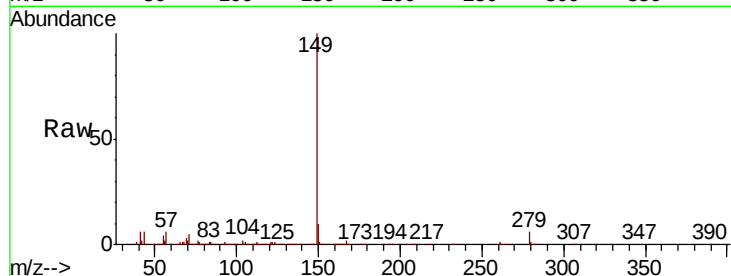
Tot Ion:149 Resp: 1434381

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.5 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.601 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

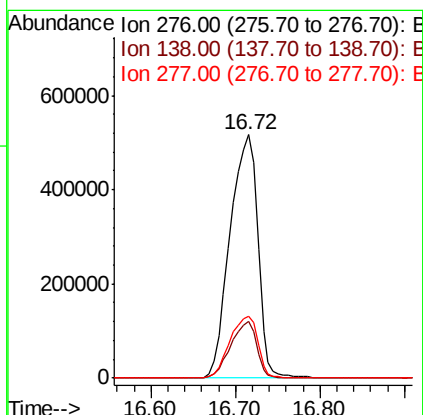
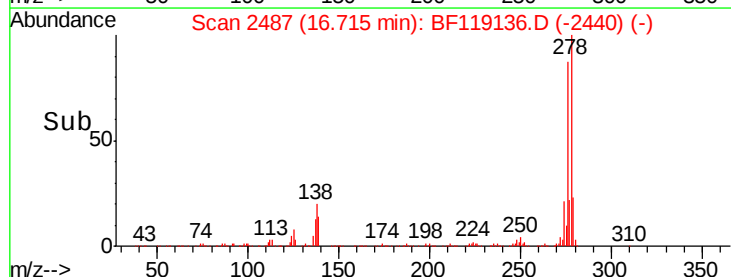
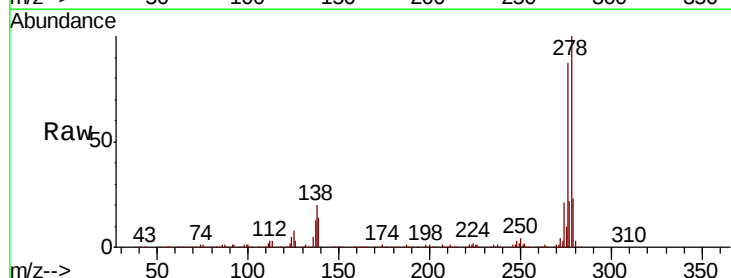
Tgt Ion:276 Resp: 1174425

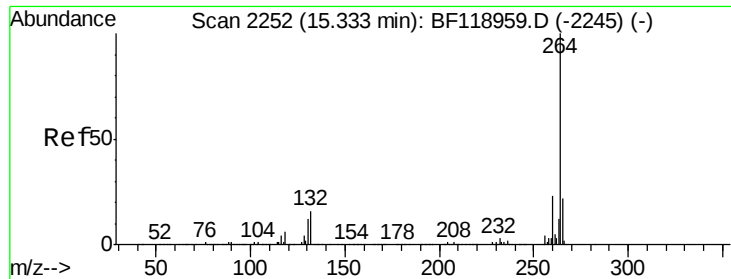
Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

277 25.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

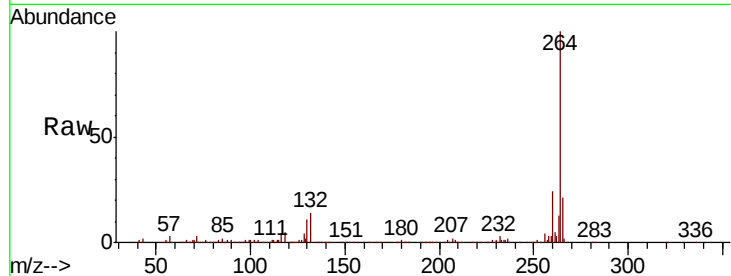
Tot Ion:264 Resp: 384907

Ion Ratio Lower Upper

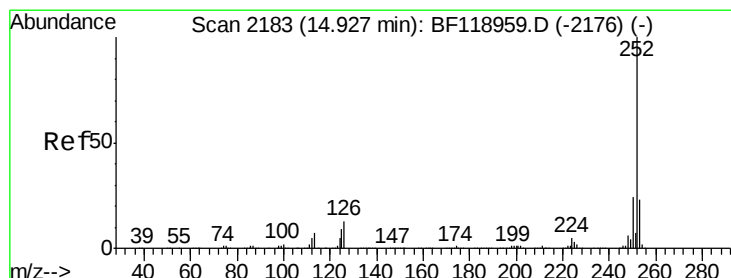
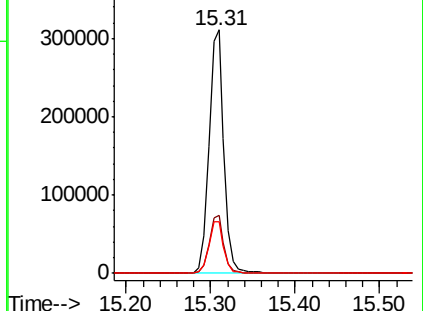
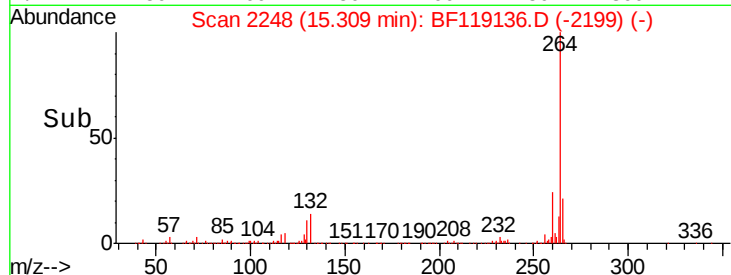
264 100

260 23.6 19.4 29.2

265 21.0 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: 49.655 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

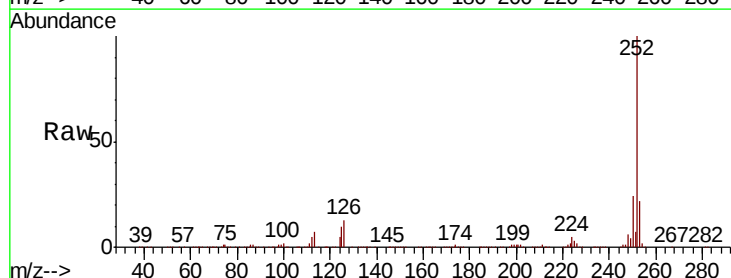
Tgt Ion:252 Resp: 1259789

Ion Ratio Lower Upper

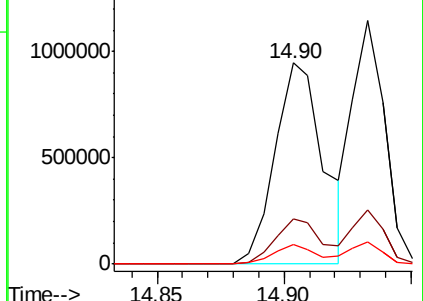
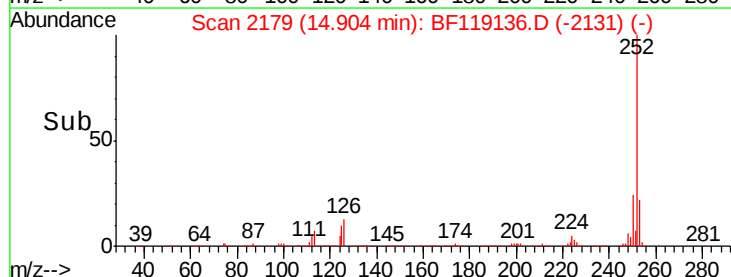
252 100

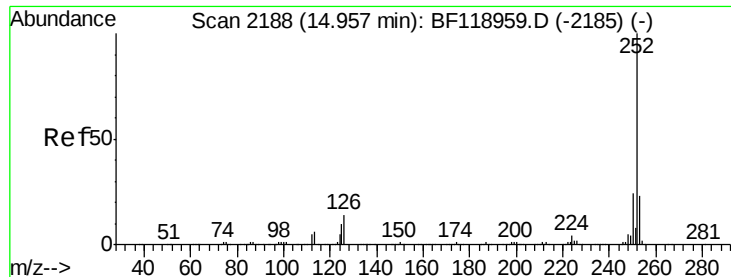
253 22.2 18.1 27.1

125 9.7 7.4 11.0



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

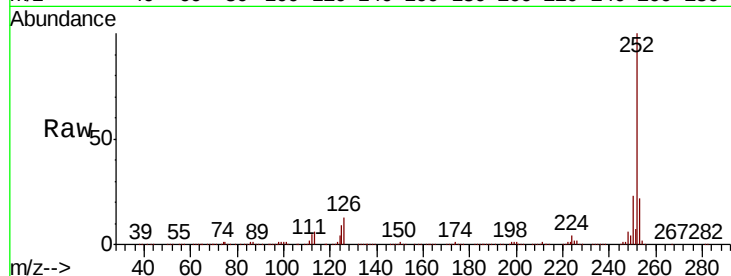




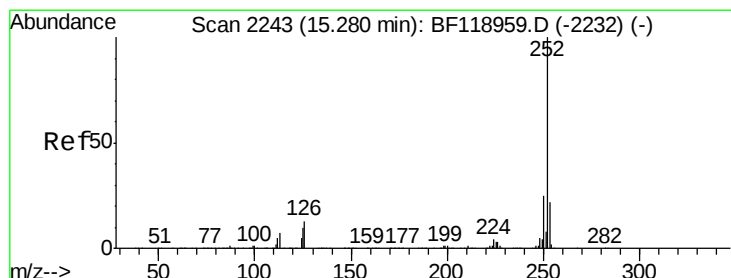
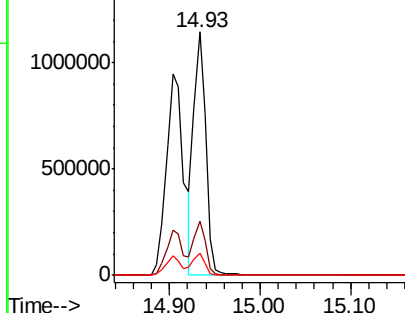
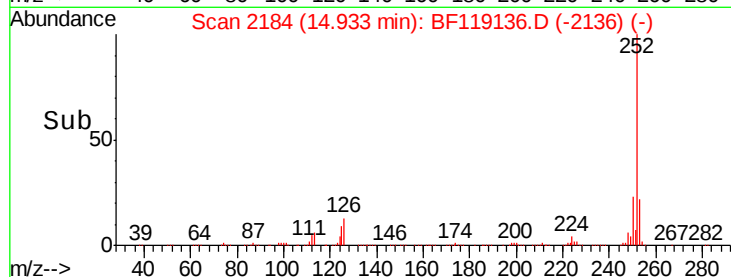
#89
Benzo(k)fluoranthene
Concen: 43.983 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1034117
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.0 7.5 11.3

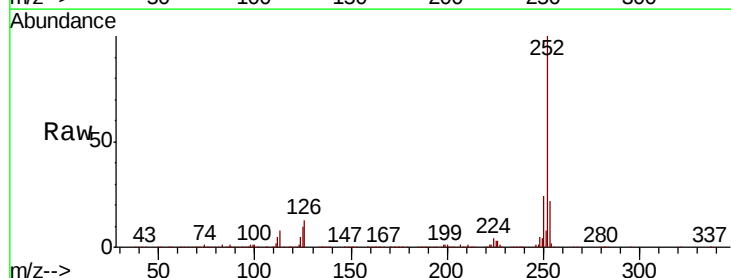


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

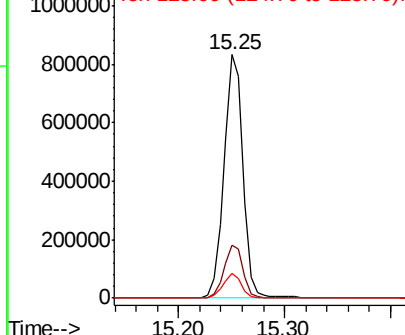
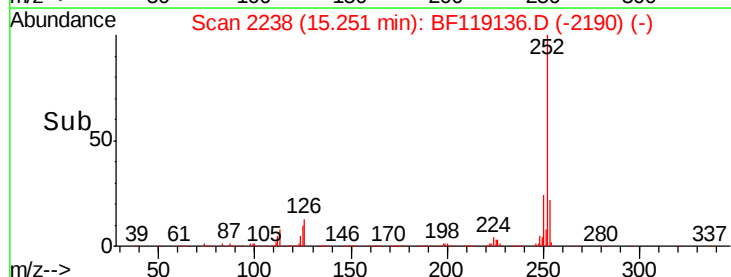


#90
Benzo(a)pyrene
Concen: 44.969 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119136.D
Acq: 28 Feb 2020 17:45

Tgt Ion:252 Resp: 1029698
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.1 8.6 12.8



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: 49.220 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

Instrument :

BNA_F

ClientSampleId :

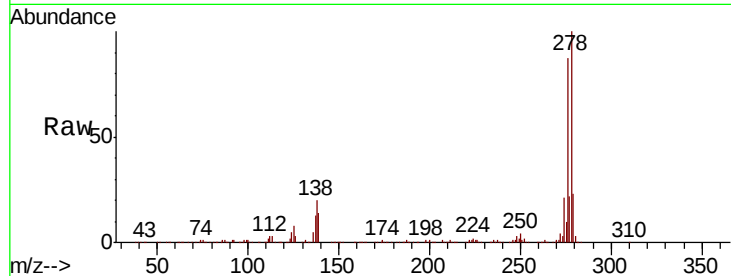
Tot Ion:278 Resp: 991668

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.4

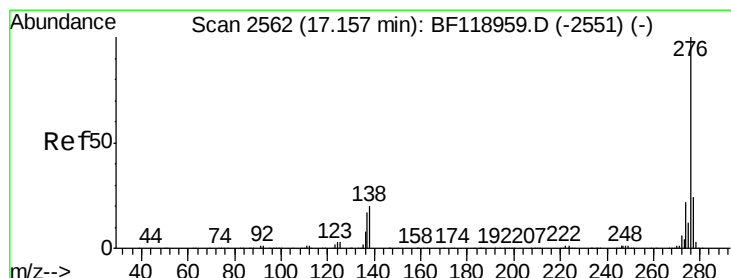
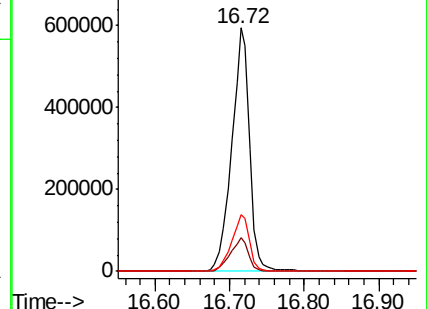
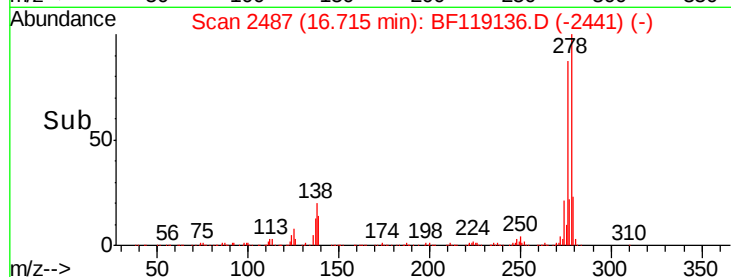
279 23.2 18.6 28.0



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: 49.534 ng

RT: 17.13 min Scan# 2557

Delta R.T. -0.03 min

Lab File: BF119136.D

Acq: 28 Feb 2020 17:45

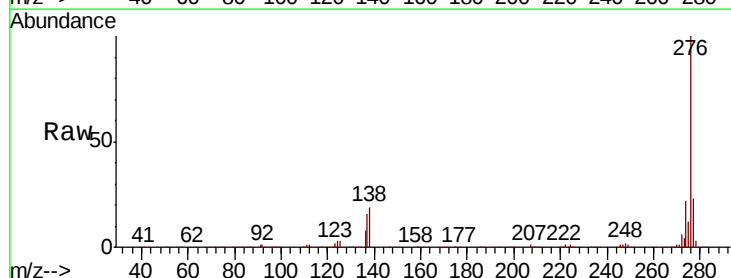
Tgt Ion:276 Resp: 986069

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 19.2 14.3 21.5



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

