

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118781.D
 Acq On : 31 Jan 2020 14:55
 Operator : CG/JU
 Sample : L1325-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 22:03:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

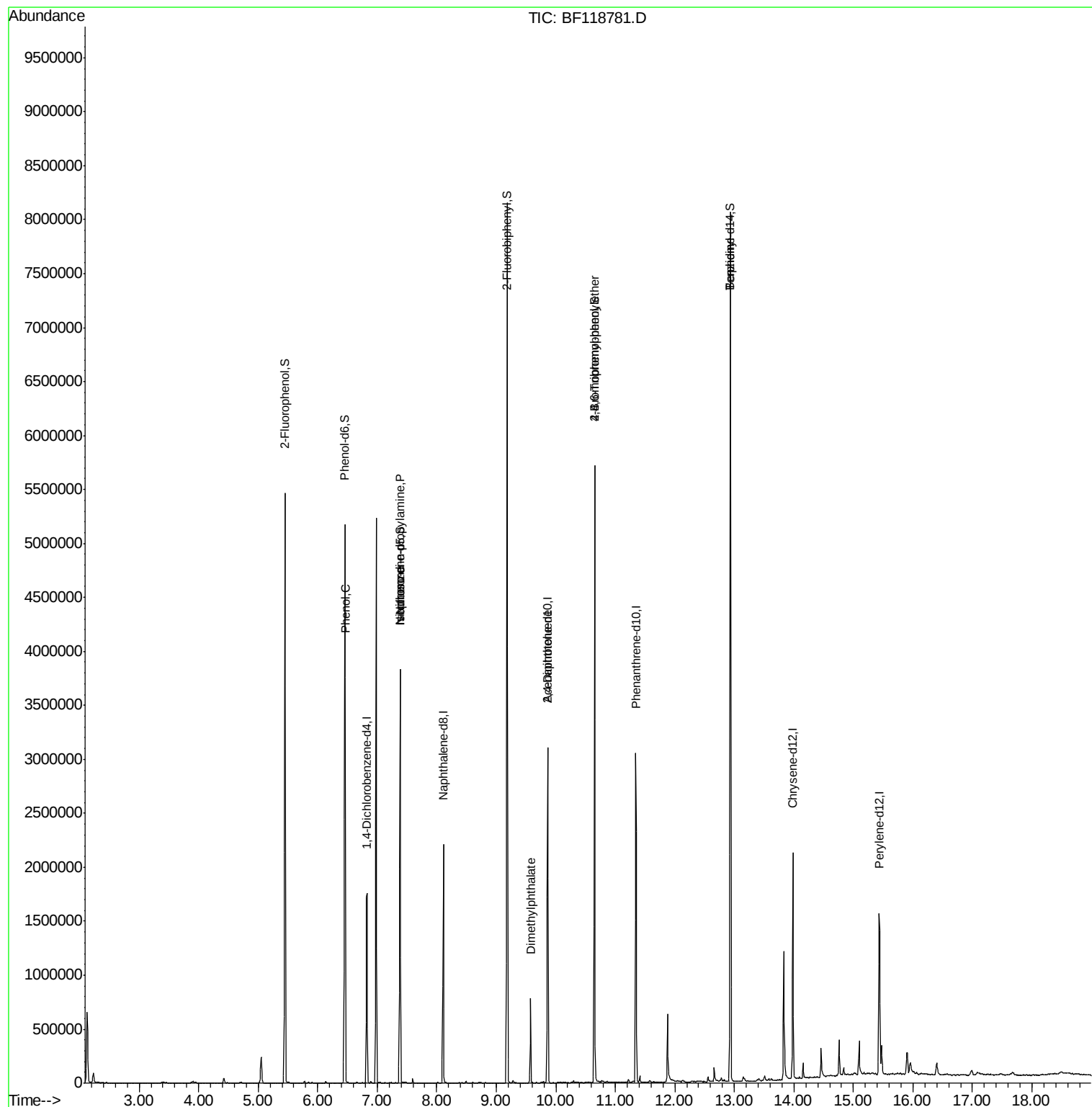
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	292995	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1111176	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	619508	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	1132918	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	720477	20.00	ng	-0.04
87) Perylene-d12	15.43	264	719445	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1720312	109.05	ng	-0.03
7) Phenol-d6	6.46	99	2130390	103.90	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1388678	69.90	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	782285	109.18	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2739490	72.68	ng	-0.04
79) Terphenyl-d14	12.93	244	3154713	95.50	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	101526	4.345	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	189664	13.699	ng	# 76
25) Isophorone	7.39	82	1365880	37.696	ng	# 63
50) Dimethylphthalate	9.57	163	290641	7.201	ng	99
57) 2,4-Dinitrotoluene	9.86	165	79886	7.011	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	51505	3.680	ng	# 1
77) Benzidine	12.93	184	40722	2.115	ng	# 91

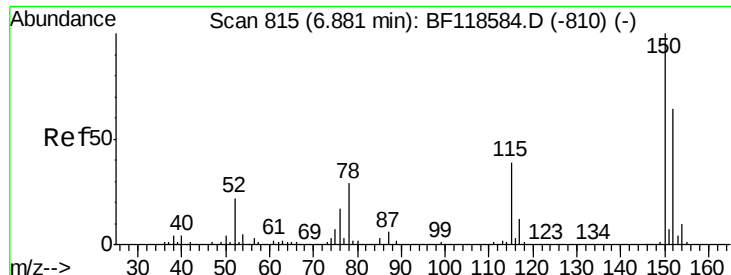
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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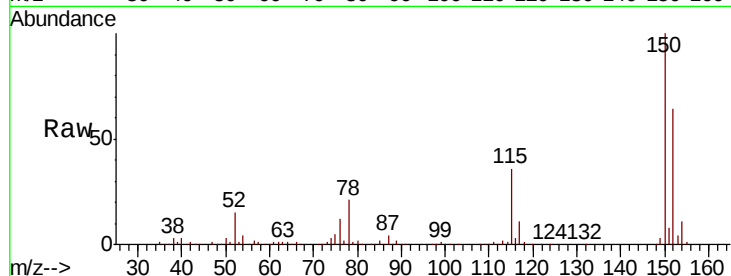


#1

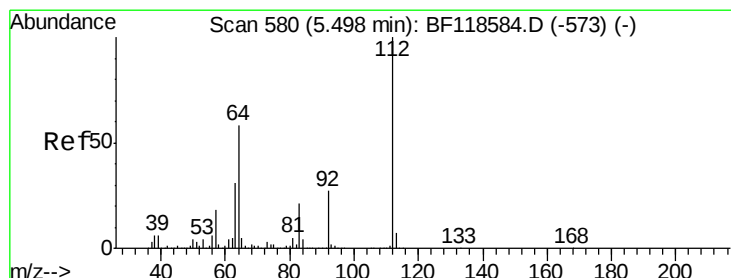
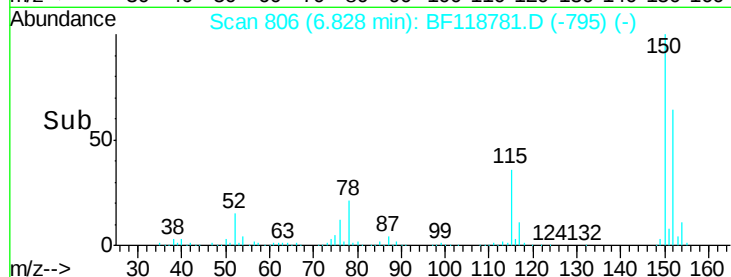
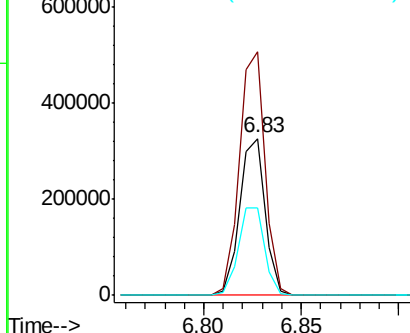
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.7	185.5
115	55.8	45.1	67.7



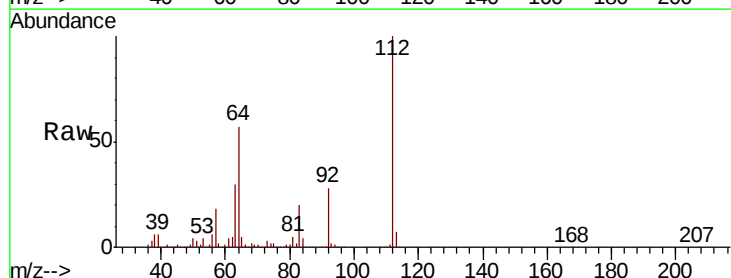
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



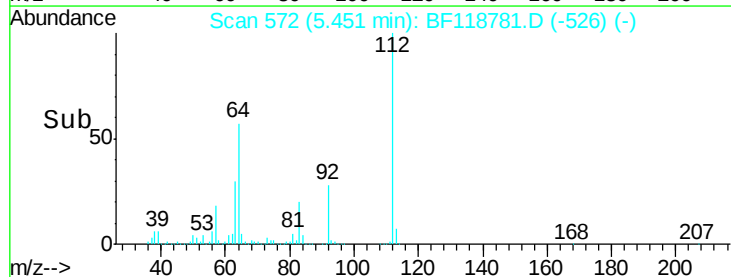
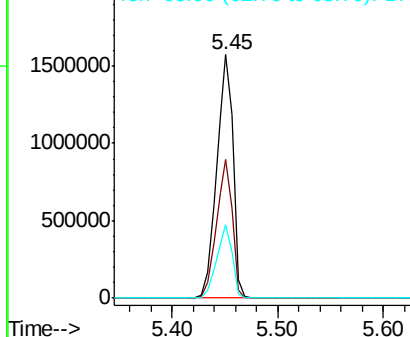
#5

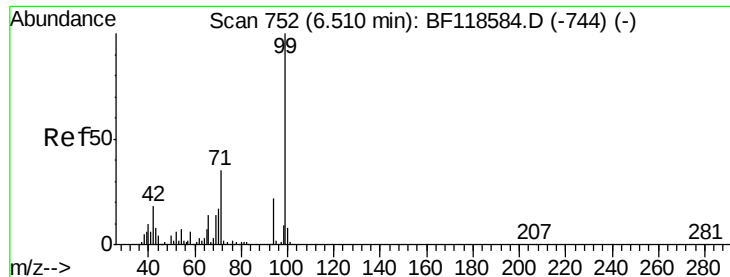
2-Fluorophenol
Concen: 109.048 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	42.4	63.6
63	30.1	21.7	32.5



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





#7

Phenol-d6

Concen: 103.899 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

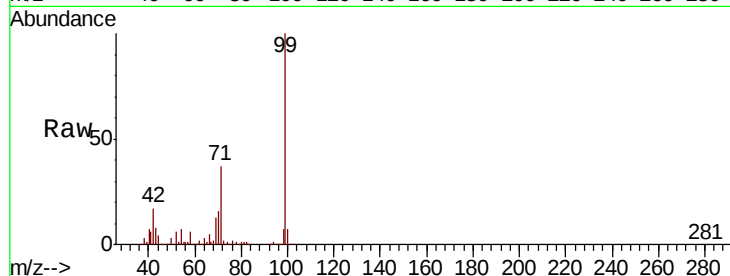
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2130390

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	37.0	28.4	42.6

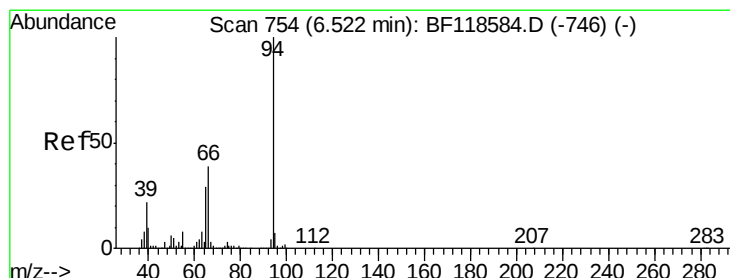
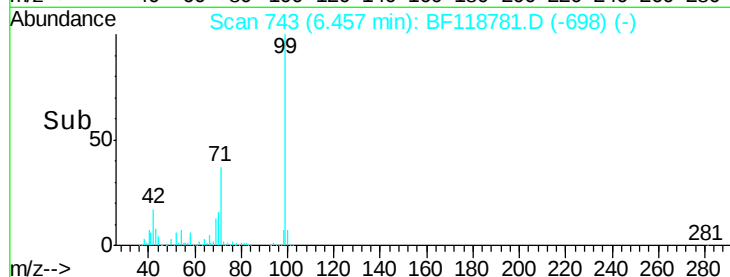
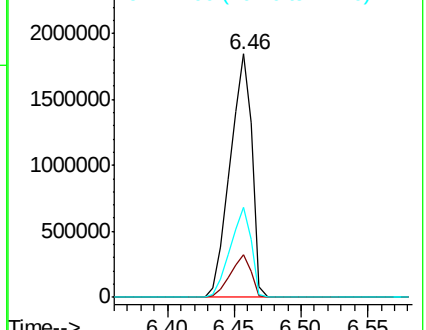


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.345 ng

RT: 6.47 min Scan# 745

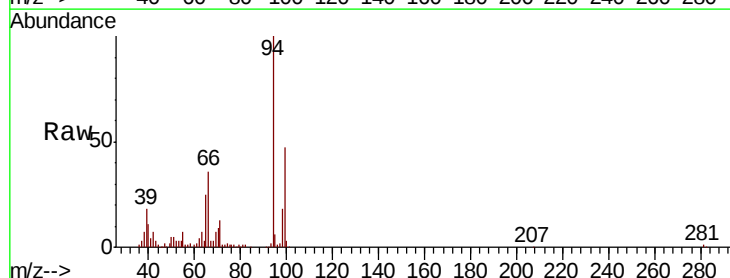
Delta R.T. -0.04 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

Tgt Ion: 94 Resp: 101526

Ion	Ratio	Lower	Upper
94	100		
65	24.9	7.9	47.9
66	35.6	19.1	59.1

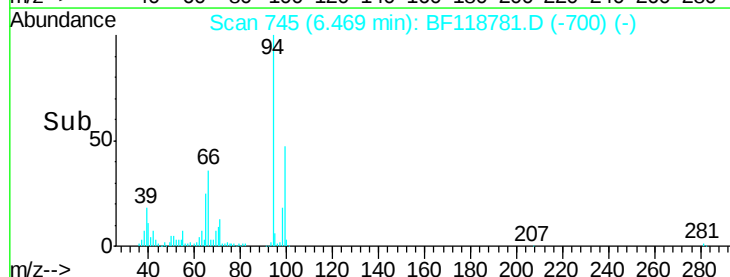
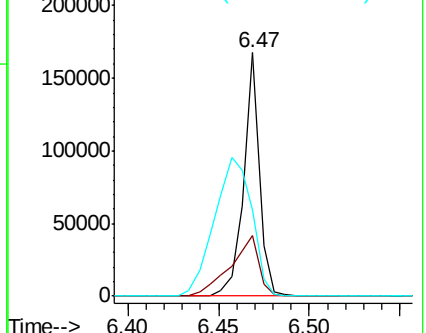


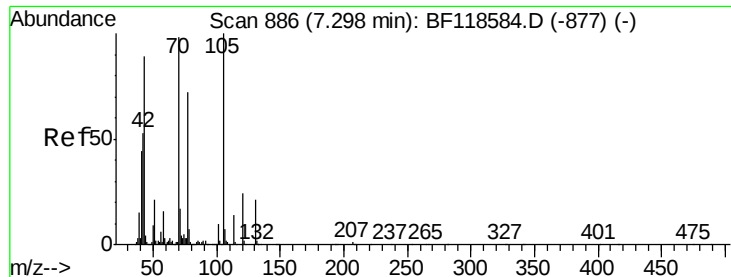
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

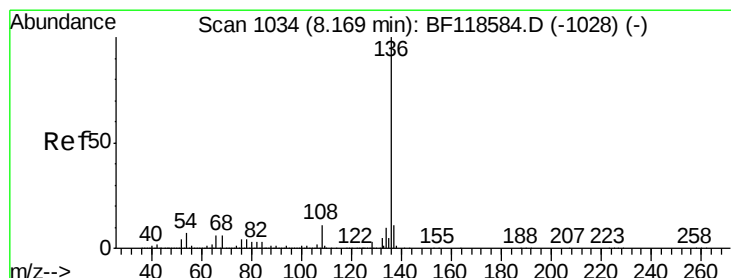
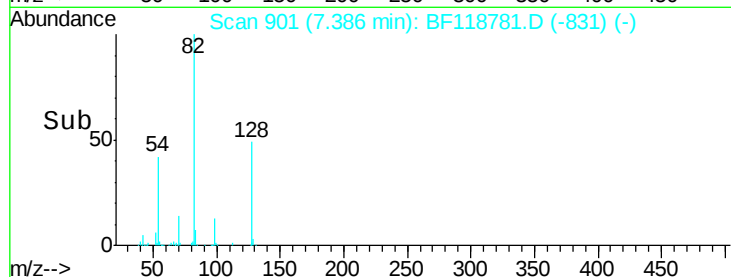
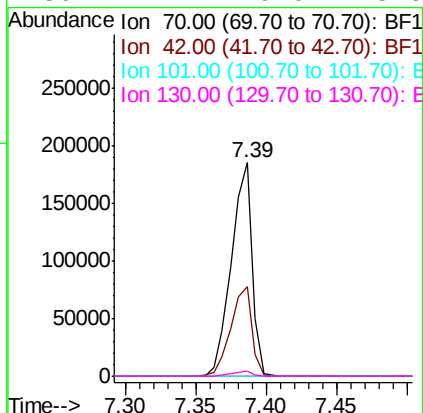
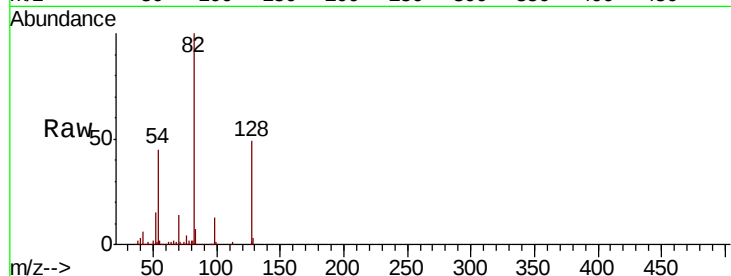




#19
n-Nitroso-di-n-propylamine
Concen: 13.699 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.11 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

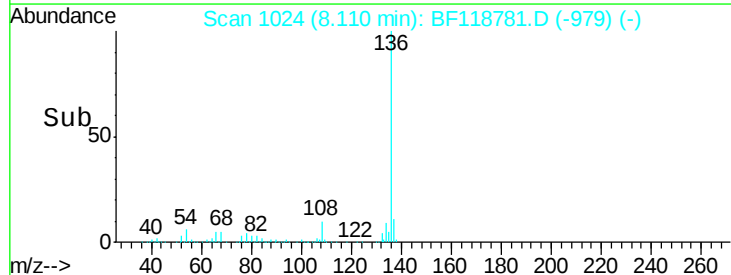
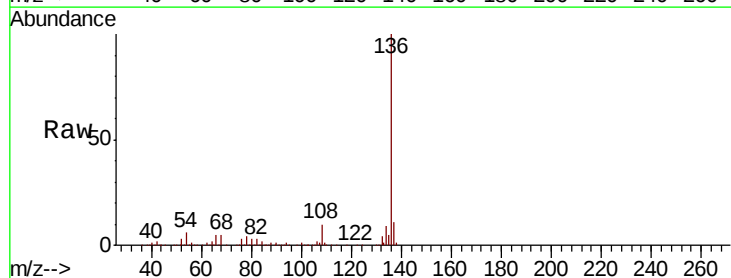
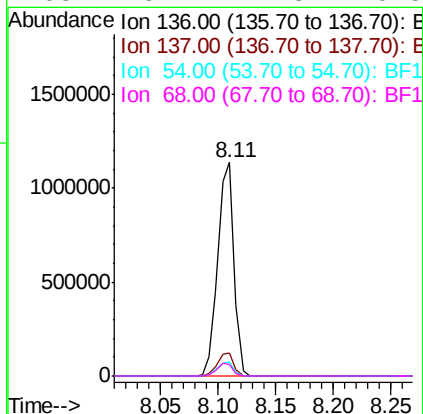
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 189664
Ion Ratio Lower Upper
70 100
42 41.8 41.6 62.4
101 0.0 7.9 11.9#
130 2.2 19.0 28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

Tgt Ion: 136 Resp: 1111176
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.5 5.1 7.7
68 5.4 4.3 6.5

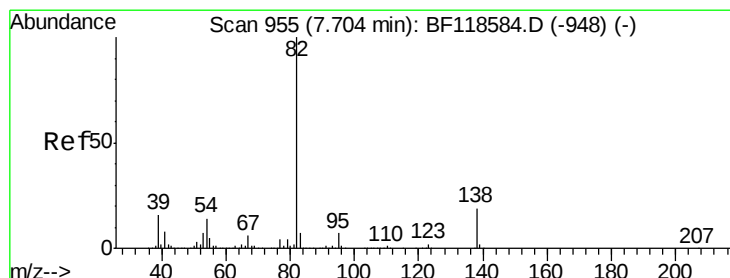
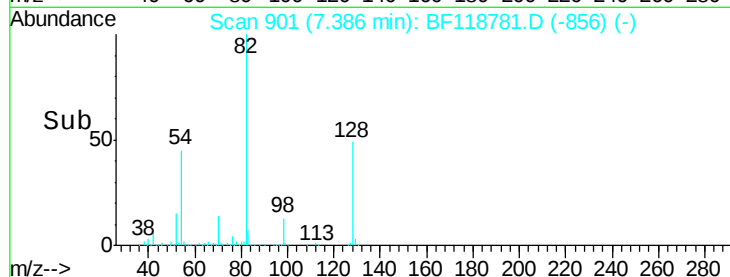
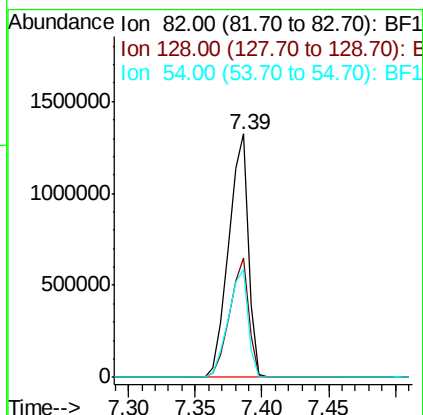
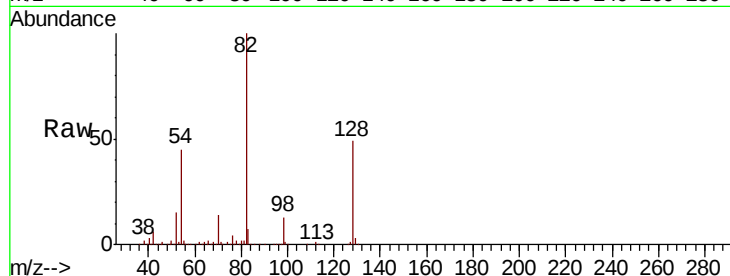




#23
Nitrobenzene-d5
Concen: 69.903 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

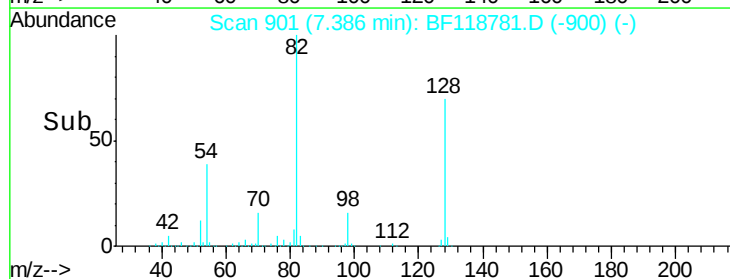
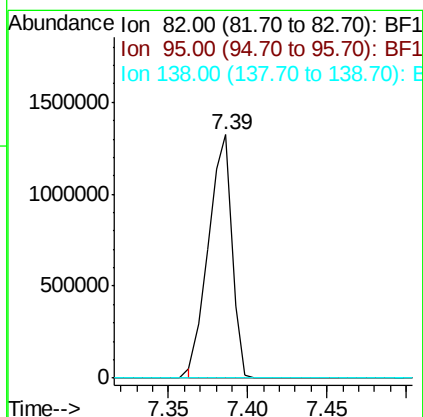
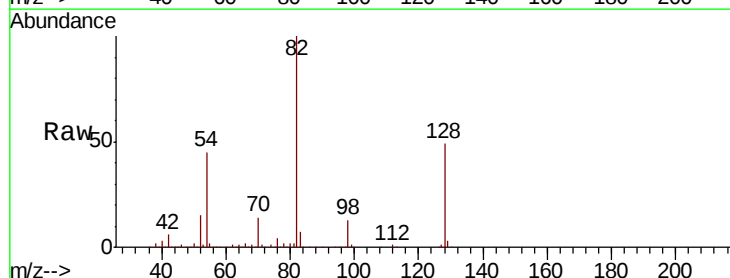
Instrument :
BNA_F
ClientSampleId :

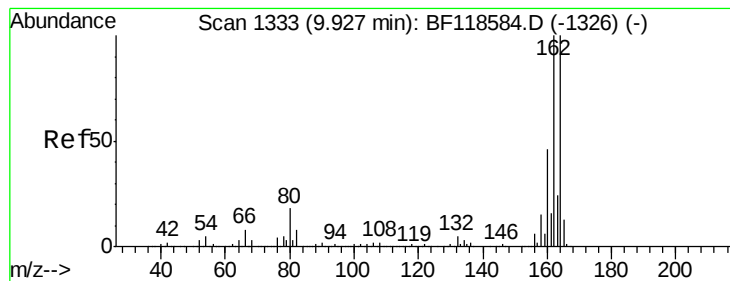
Tot Ion: 82 Resp: 1388678
Ion Ratio Lower Upper
82 100
128 49.2 38.2 57.2
54 44.6 36.1 54.1



#25
Isophorone
Concen: 37.696 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.29 min
Lab File: BF118781.D
Acq: 31 Jan 2020 14:55

Tgt Ion: 82 Resp: 1365880
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.04 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

Instrument :

BNA_F

ClientSampleId :

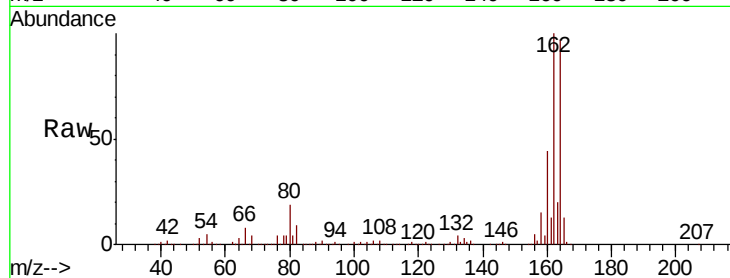
Tot Ion:164 Resp: 619508

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

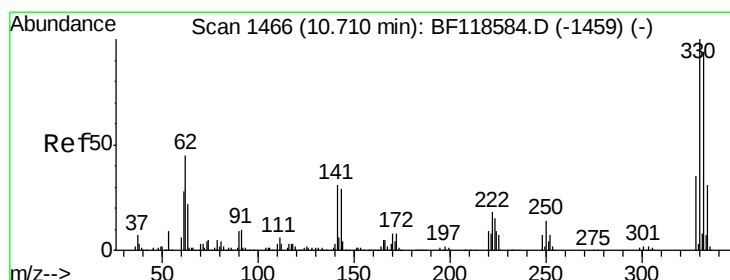
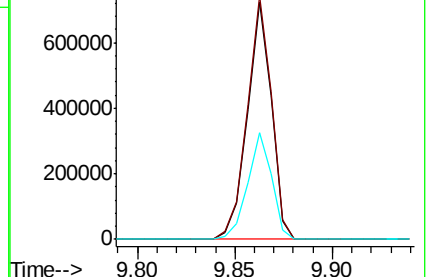
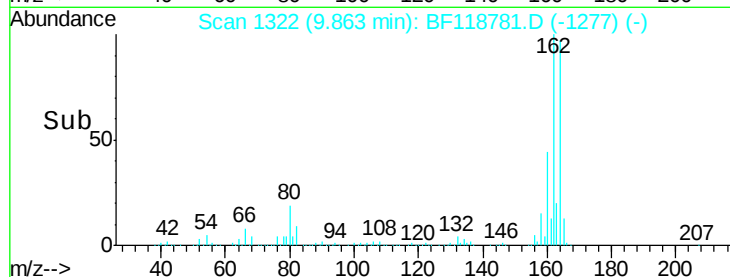
160 44.9 35.4 53.0



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



#42

2,4,6-Tribromophenol

Concen: 109.175 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.04 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

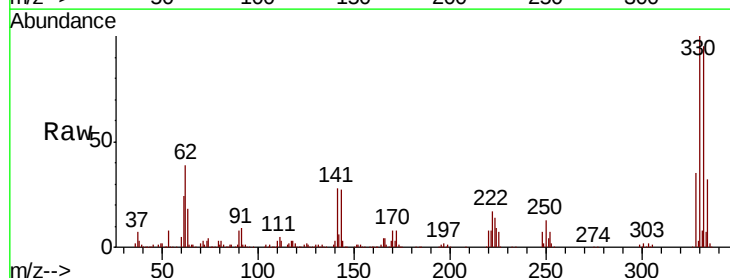
Tgt Ion:330 Resp: 782285

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

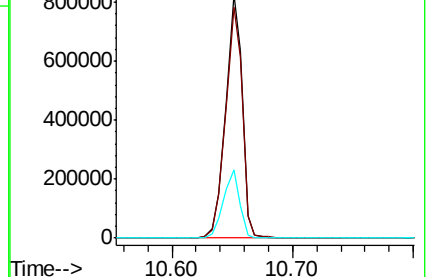
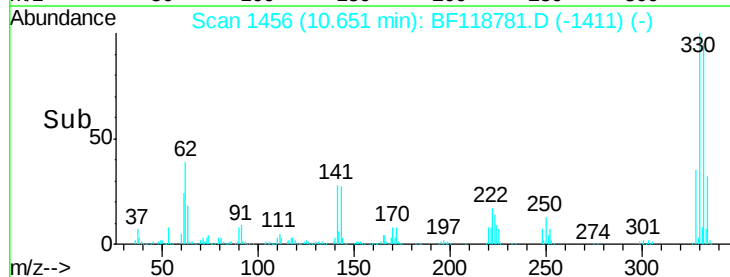
141 27.5 22.2 33.2

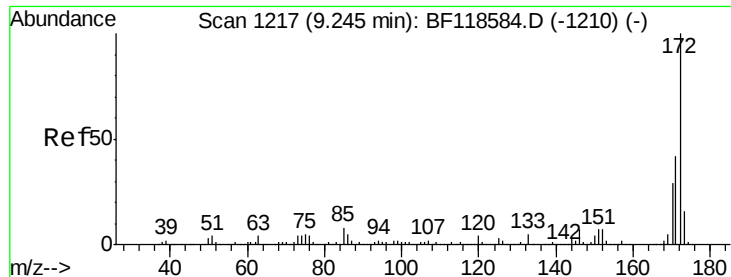


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



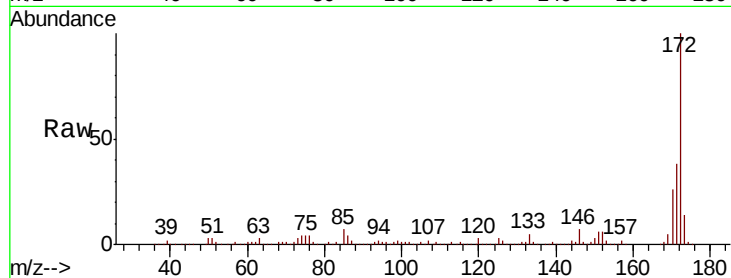


#45
 2-Fluorobiphenyl
 Concen: 72.681 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

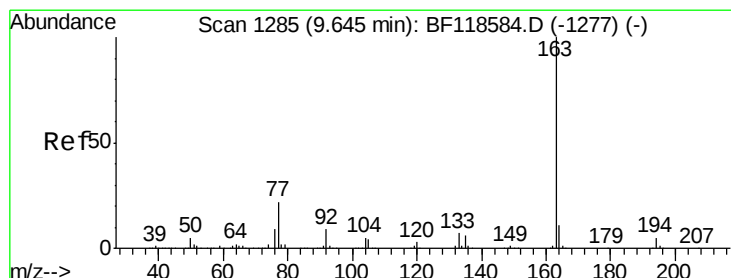
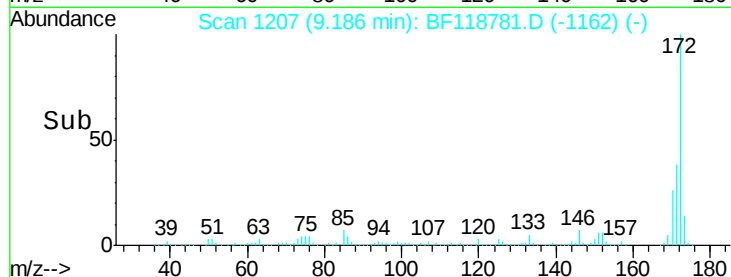
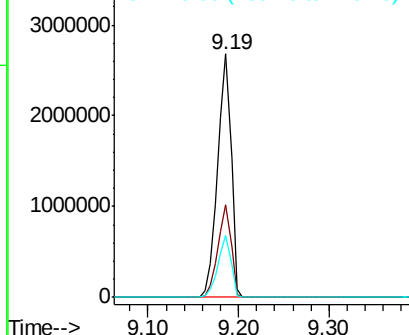
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2739490

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.5	20.7	31.1



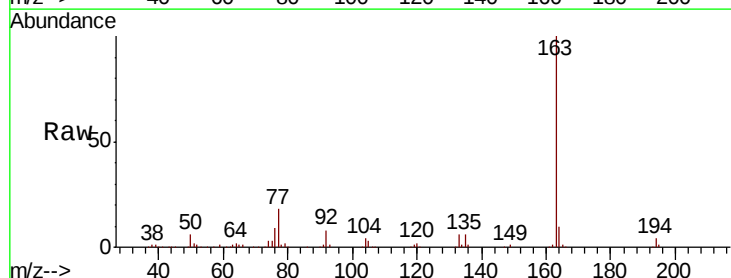
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



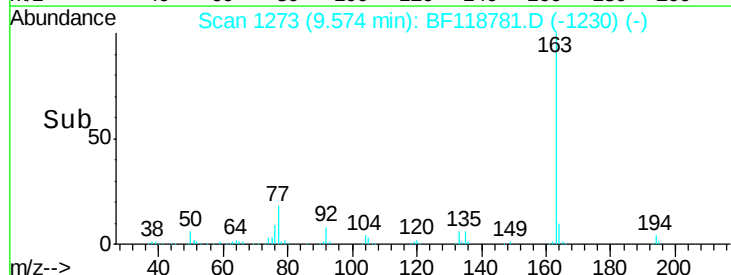
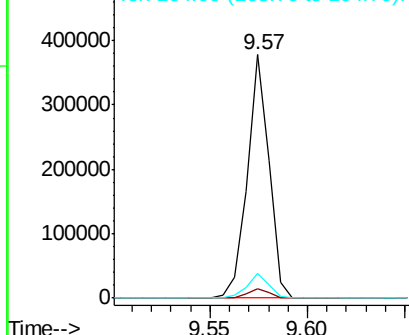
#50
 Dimethylphthalate
 Concen: 7.201 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.05 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

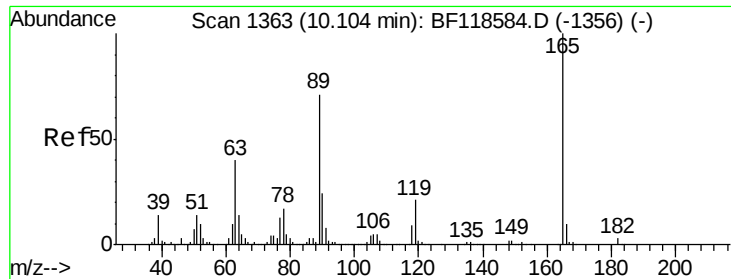
Tgt Ion:163 Resp: 290641

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.0	8.2	12.2



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

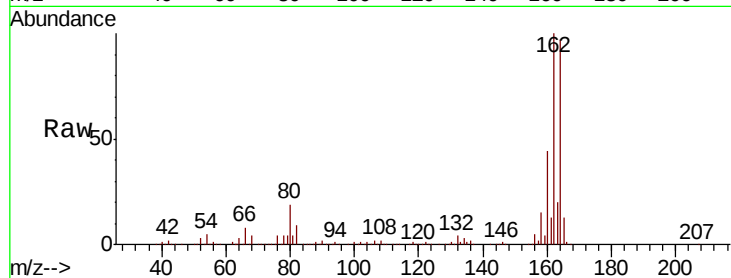




#57
 2,4-Dinitrotoluene
 Concen: 7.011 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.22 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	28.5	42.7#
89	1.2	50.4	75.6#
182	0.0	2.3	3.5#

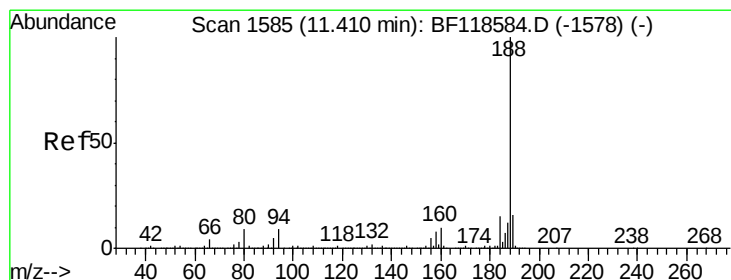
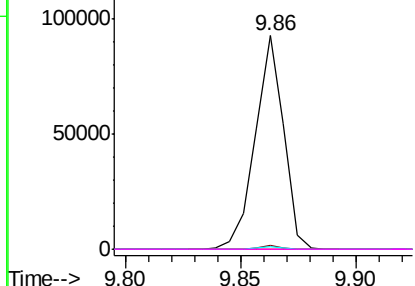
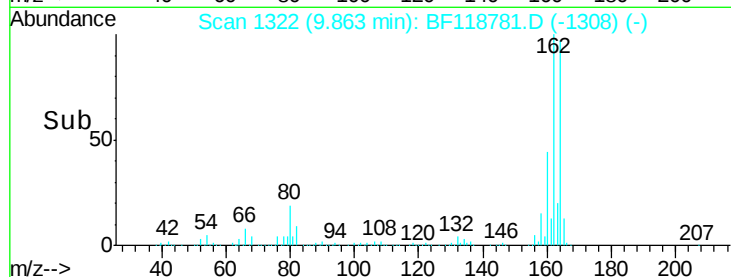


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

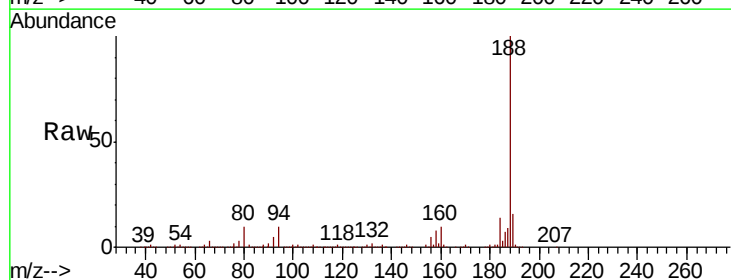
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

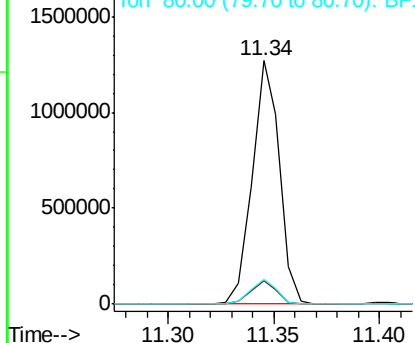
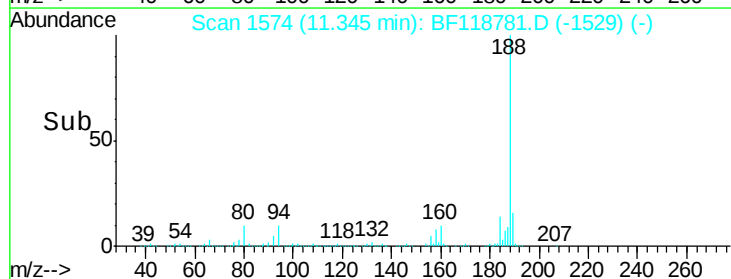
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.2	7.8	11.8



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

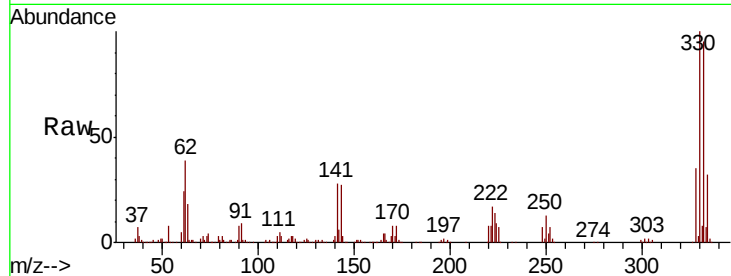




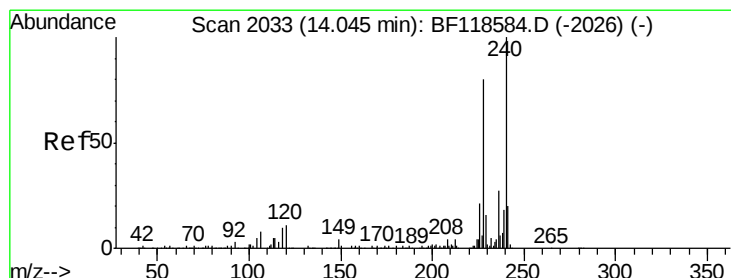
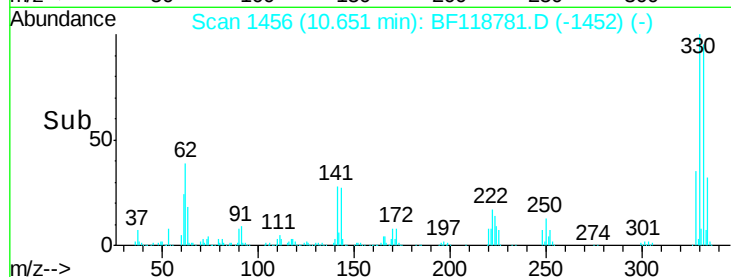
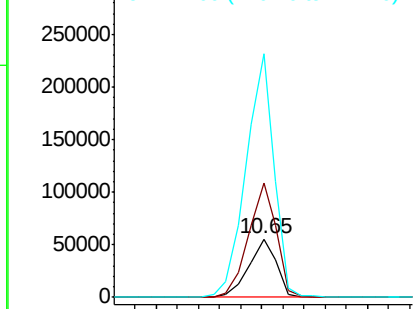
#67
 4-Bromophenyl-phenylether
 Concen: 3.680 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.28 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 51505
 Ion Ratio Lower Upper
 248 100
 250 195.0 78.7 118.1#
 141 415.3 48.4 72.6#

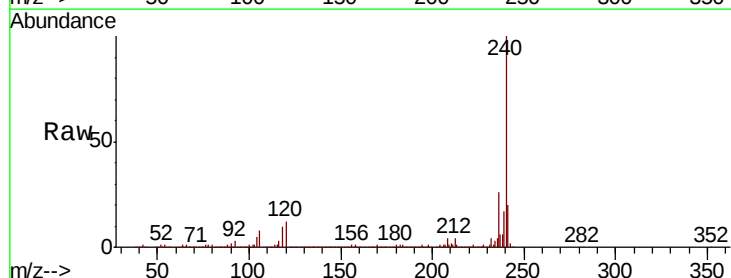


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

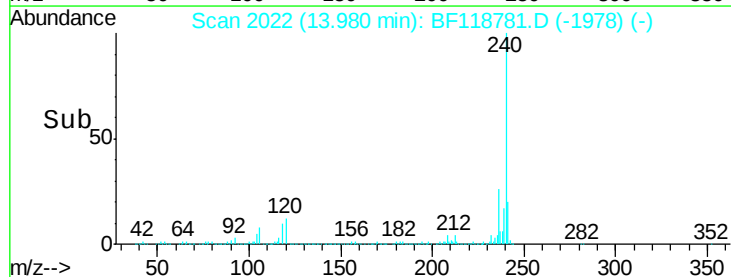
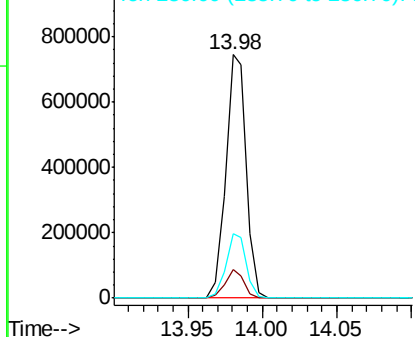


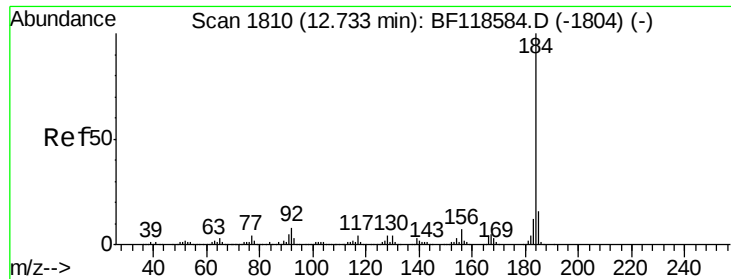
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.04 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

Tgt Ion:240 Resp: 720477
 Ion Ratio Lower Upper
 240 100
 120 11.5 7.6 11.4#
 236 26.3 21.0 31.4



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





#77

Benzidine

Concen: 2.115 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.22 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

Instrument :

BNA_F

ClientSampleId :

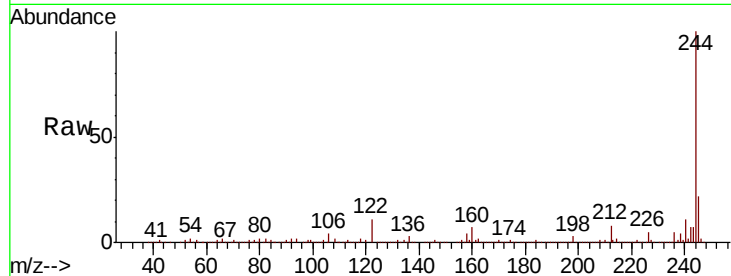
Tot Ion:184 Resp: 40722

Ion Ratio Lower Upper

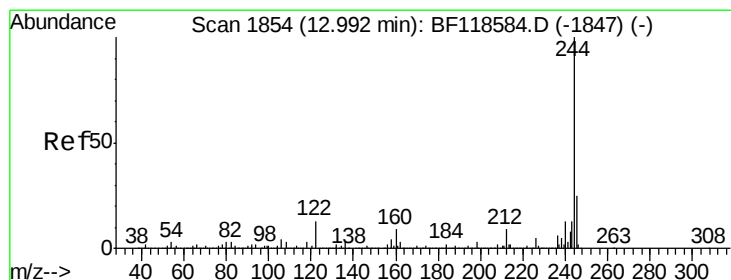
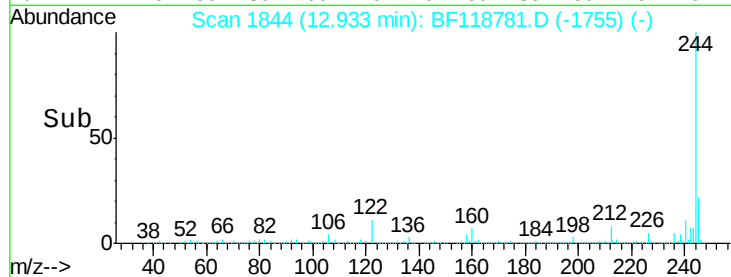
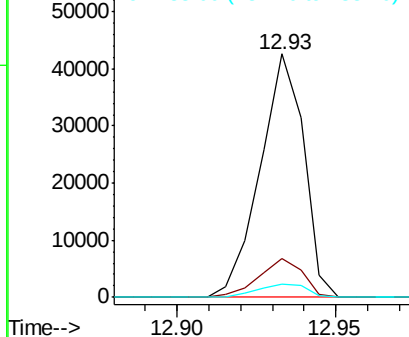
184 100

185 15.9 11.8 17.8

183 5.5 9.7 14.5#



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



#79

Terphenyl-d14

Concen: 95.502 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.03 min

Lab File: BF118781.D

Acq: 31 Jan 2020 14:55

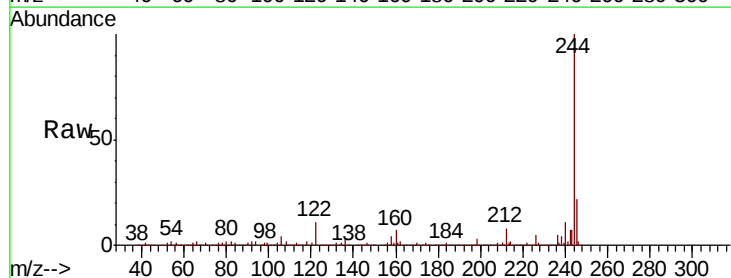
Tgt Ion:244 Resp: 3154713

Ion Ratio Lower Upper

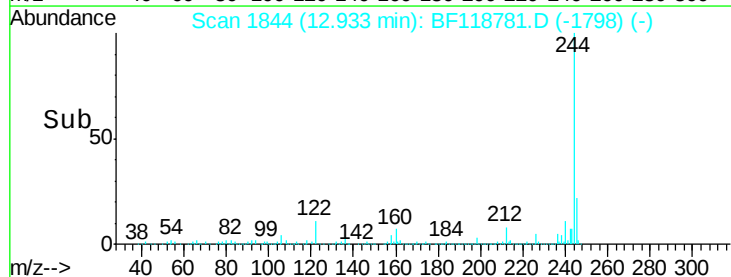
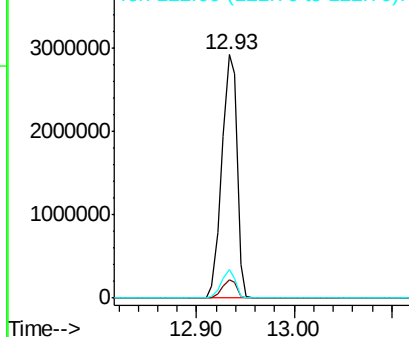
244 100

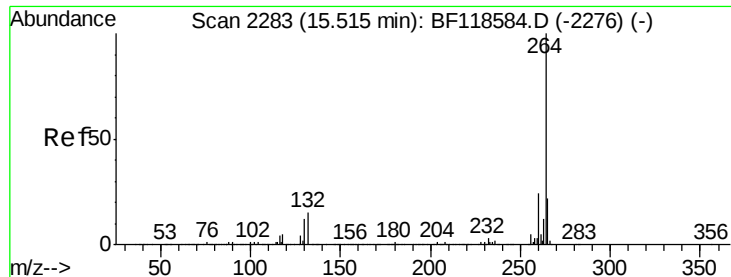
212 7.6 6.3 9.5

122 11.5 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

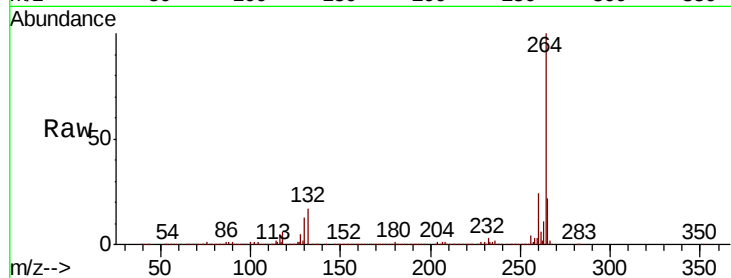




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.05 min
 Lab File: BF118781.D
 Acq: 31 Jan 2020 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.1	17.0	25.6



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

