

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118784.D
 Acq On : 31 Jan 2020 16:17
 Operator : CG/JU
 Sample : L1325-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 22:04:33 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

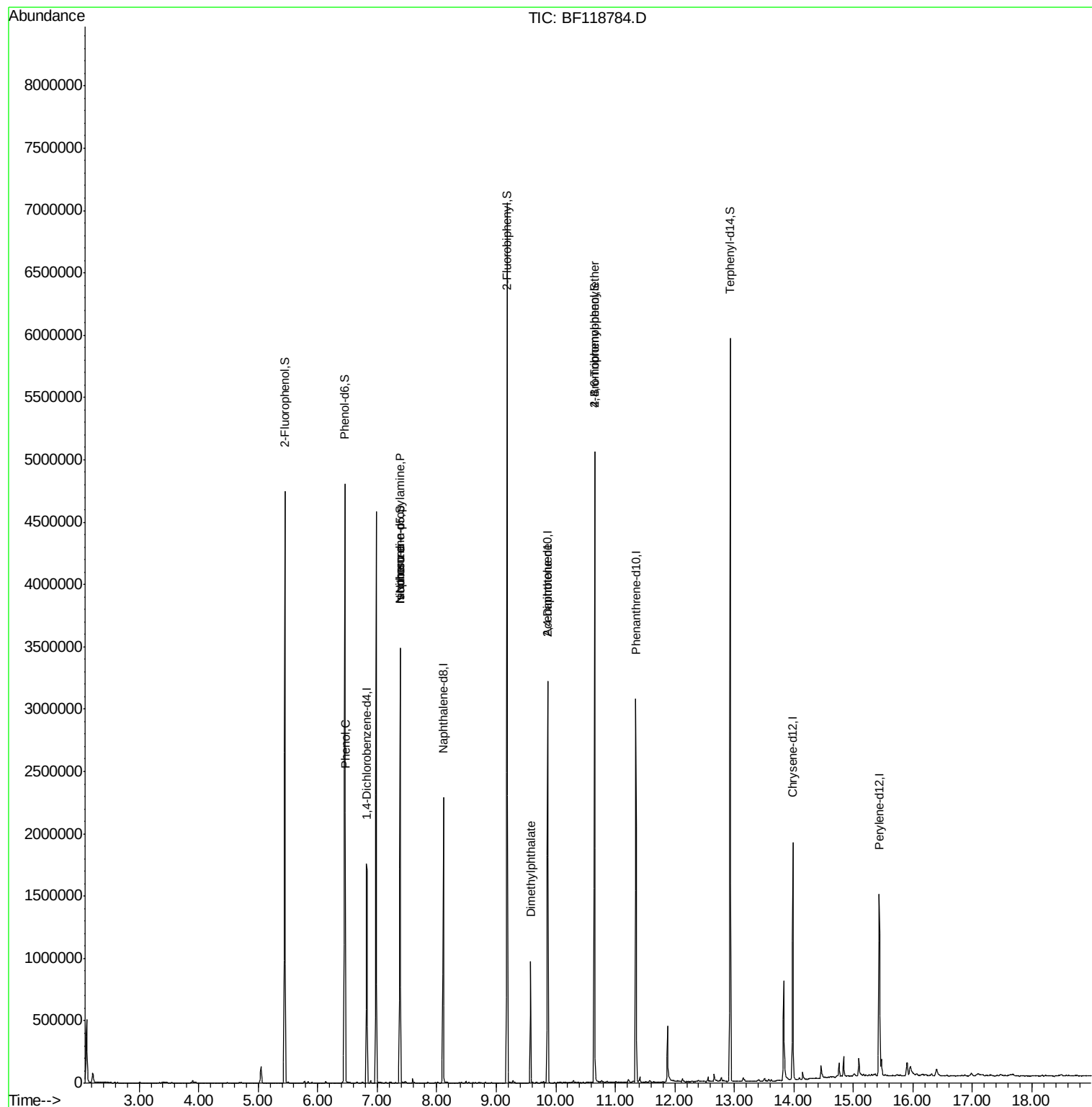
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	289657	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1110570	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	620968	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1081887	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	599019	20.00	ng	-0.04
87) Perylene-d12	15.43	264	682224	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1491966	95.66	ng	-0.03
7) Phenol-d6	6.46	99	1874351	92.47	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1216716	61.28	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	670710	93.38	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2247463	59.49	ng	-0.04
79) Terphenyl-d14	12.93	244	2263891	82.43	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	91952	3.980	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.39	70	164166	11.994	ng	# 76
25) Isophorone	7.39	82	1198815	33.103	ng	# 63
50) Dimethylphthalate	9.57	163	352724	8.718	ng	100
57) 2,4-Dinitrotoluene	9.86	165	81414	7.129	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	43517	3.256	ng	# 1

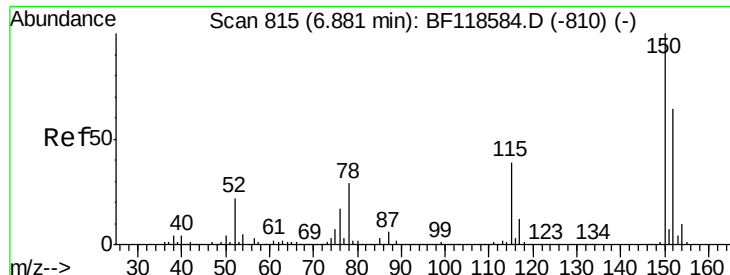
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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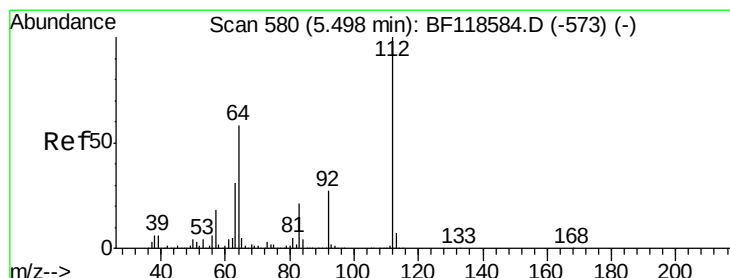
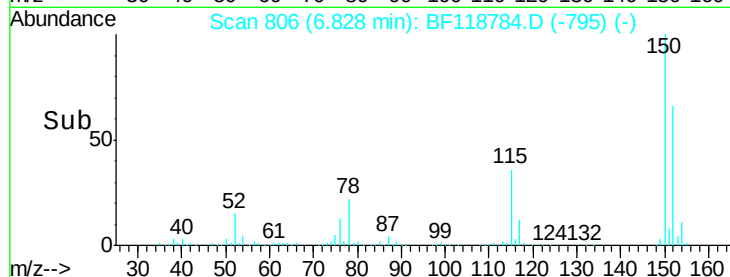
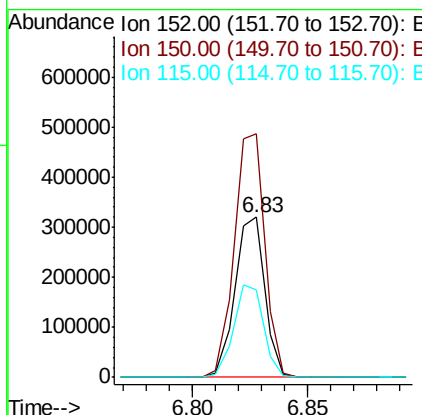
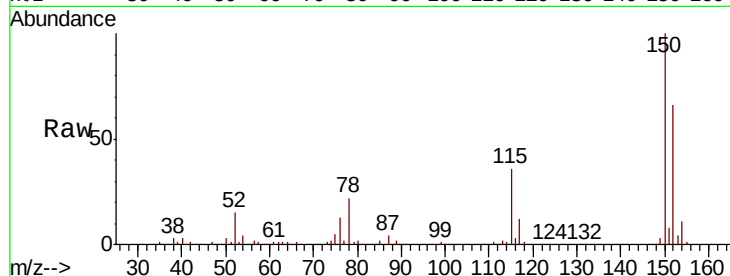


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118784.D
Acq: 31 Jan 2020 16:17

Instrument :
BNA_F
ClientSampleId :

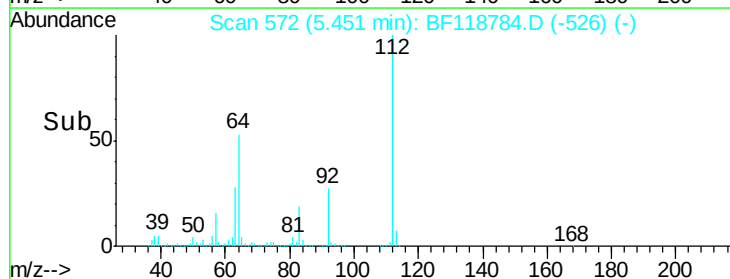
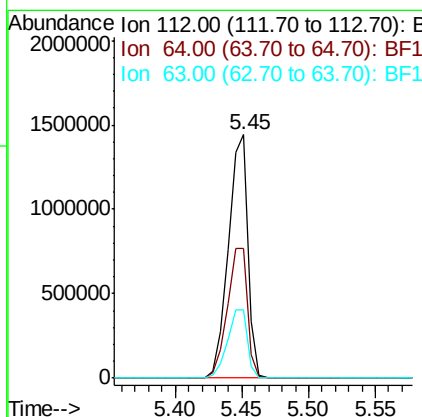
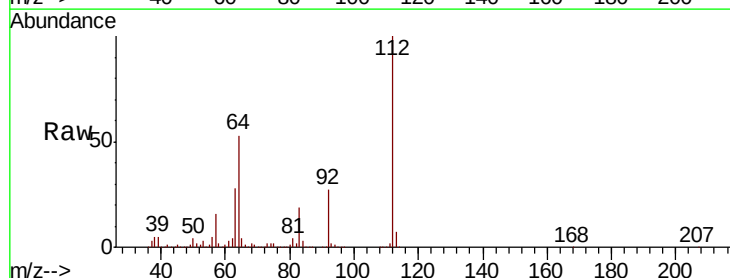
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.7	185.5
115	54.7	45.1	67.7

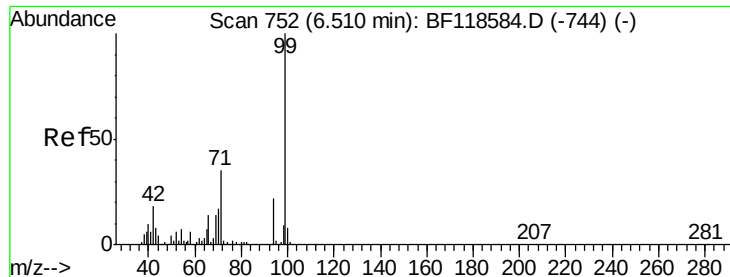


#5

2-Fluorophenol
Concen: 95.663 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118784.D
Acq: 31 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.4	63.6
63	27.9	21.7	32.5





#7

Phenol-d6

Concen: 92.466 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118784.D

Acq: 31 Jan 2020 16:17

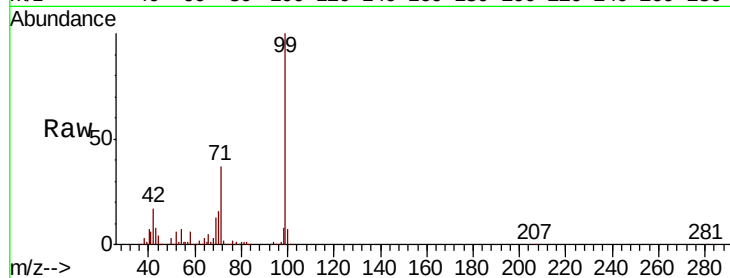
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1874351

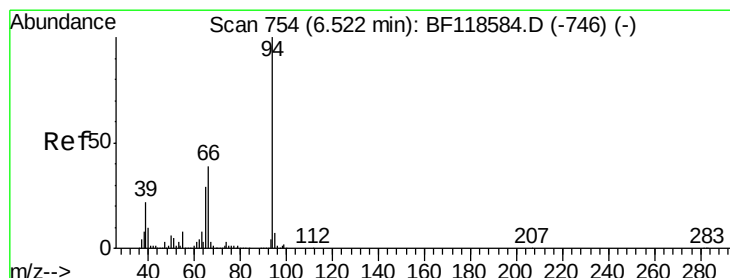
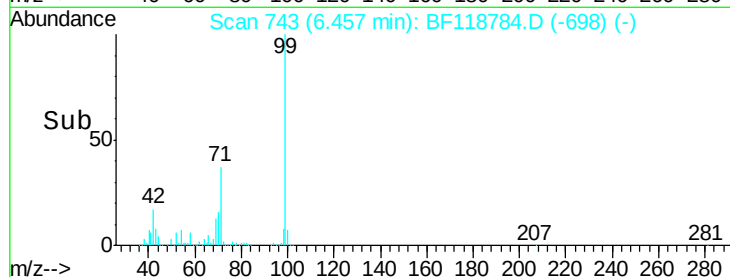
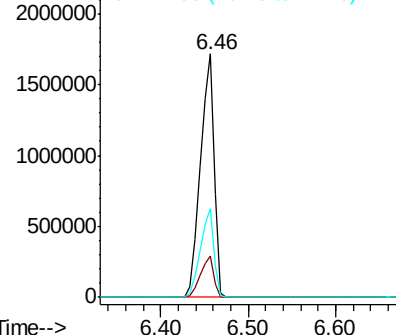
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	36.7	28.4	42.6



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: 3.980 ng

RT: 6.47 min Scan# 745

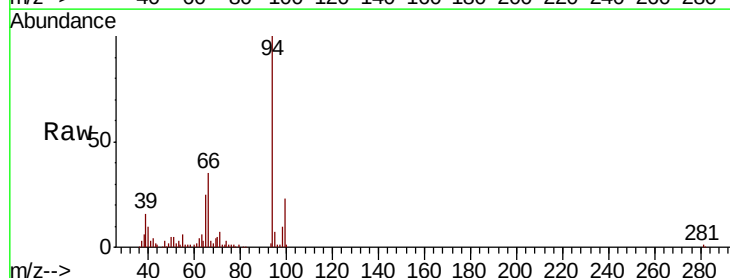
Delta R.T. -0.04 min

Lab File: BF118784.D

Acq: 31 Jan 2020 16:17

Tgt Ion: 94 Resp: 91952

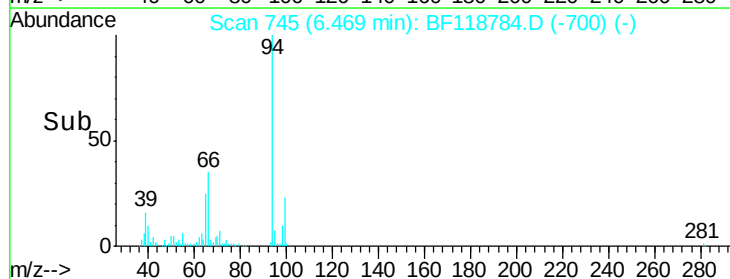
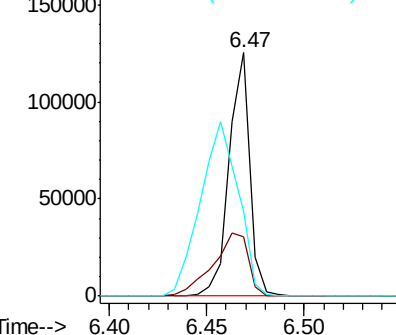
Ion	Ratio	Lower	Upper
94	100		
65	24.6	7.9	47.9
66	34.8	19.1	59.1

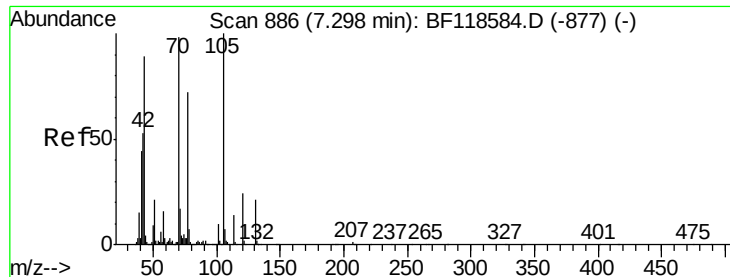


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

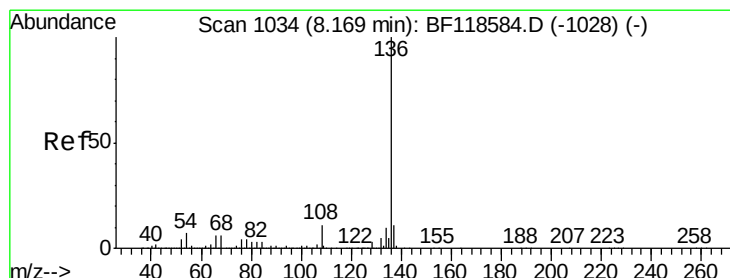
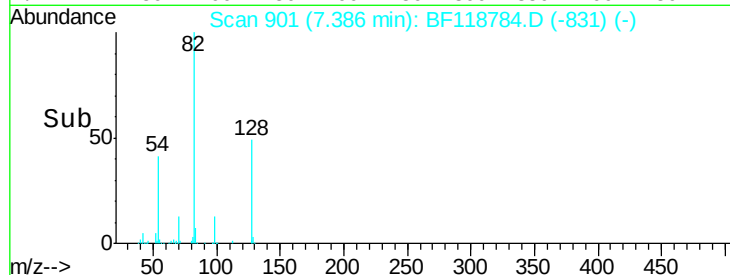
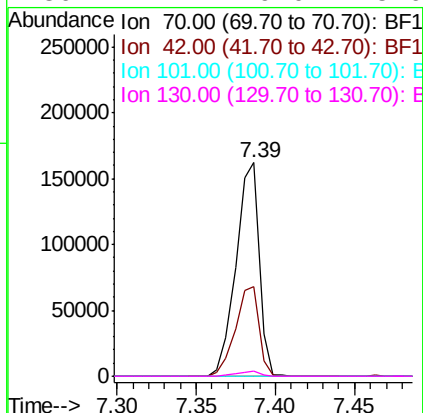
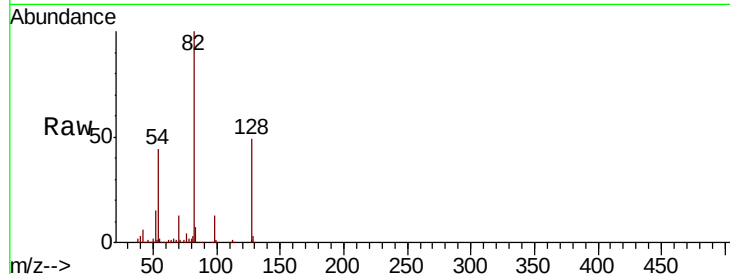




#19
n-Nitroso-di-n-propylamine
Concen: 11.994 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.11 min
Lab File: BF118784.D
Acq: 31 Jan 2020 16:17

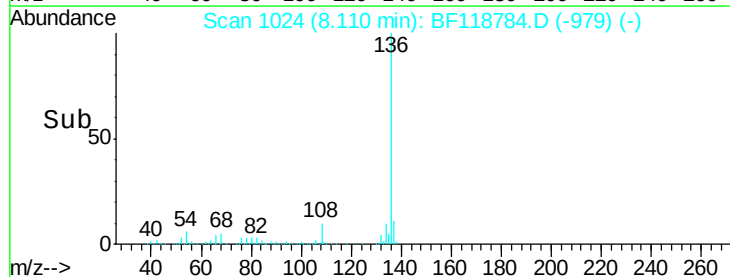
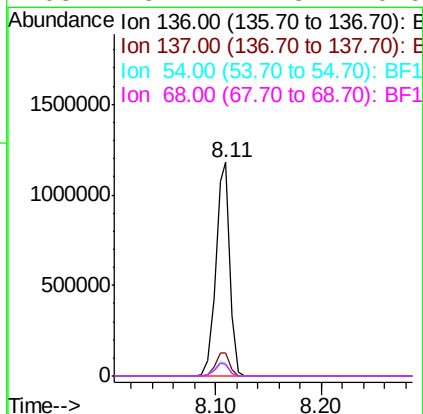
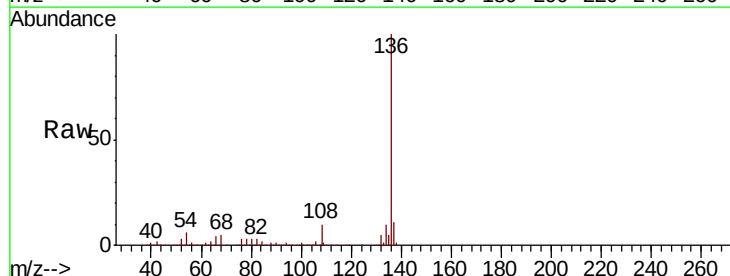
Instrument :
BNA_F
ClientSampleId :

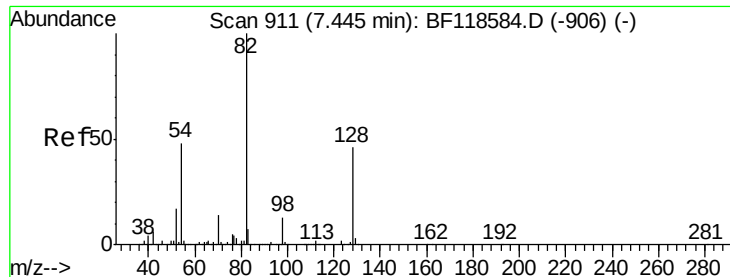
Tot Ion: 70 Resp: 164166
Ion Ratio Lower Upper
70 100
42 42.0 41.6 62.4
101 0.0 7.9 11.9#
130 2.4 19.0 28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118784.D
Acq: 31 Jan 2020 16:17

Tgt Ion:136 Resp: 1110570
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.1 5.1 7.7
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 61.280 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.04 min

Lab File: BF118784.D

Acq: 31 Jan 2020 16:17

Instrument :

BNA_F

ClientSampleId :

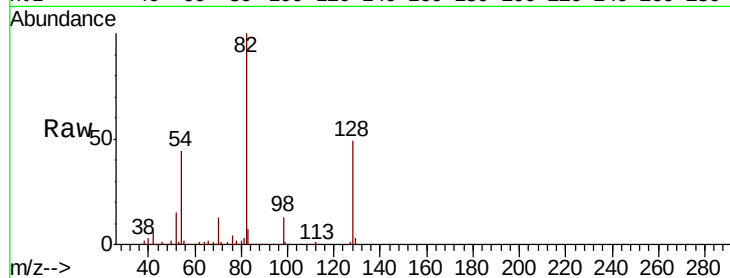
Tot Ion: 82 Resp: 1216716

Ion Ratio Lower Upper

82 100

128 49.1 38.2 57.2

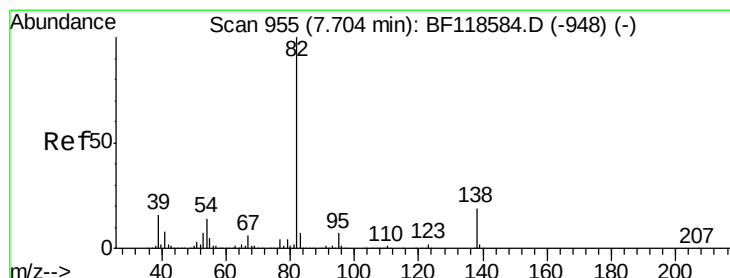
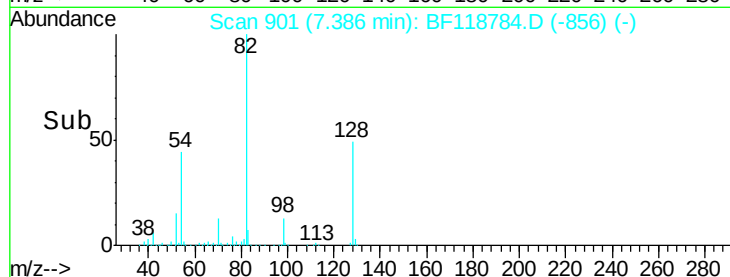
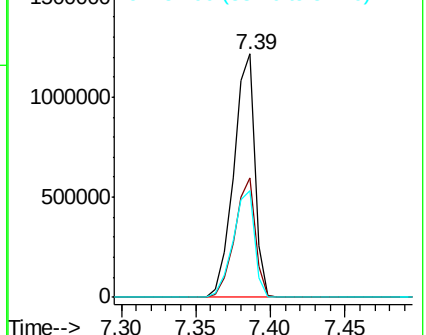
54 43.7 36.1 54.1



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



#25

Isophorone

Concen: 33.103 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.29 min

Lab File: BF118784.D

Acq: 31 Jan 2020 16:17

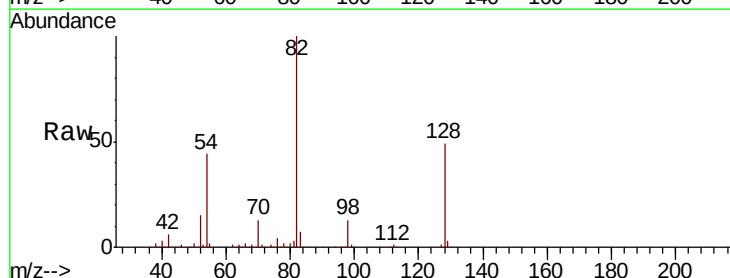
Tgt Ion: 82 Resp: 1198815

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

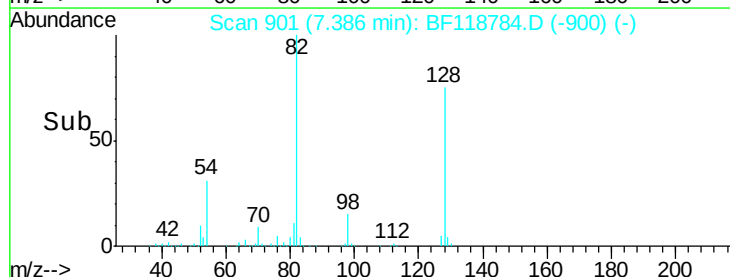
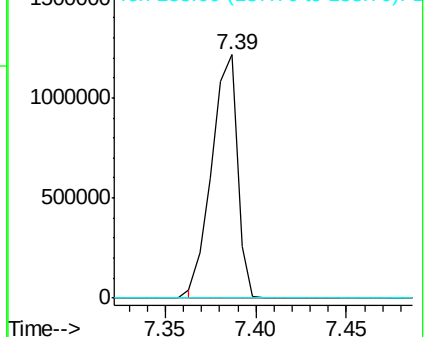
138 0.0 15.8 23.8#

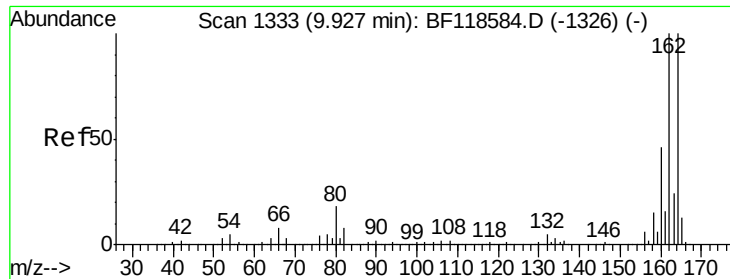


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

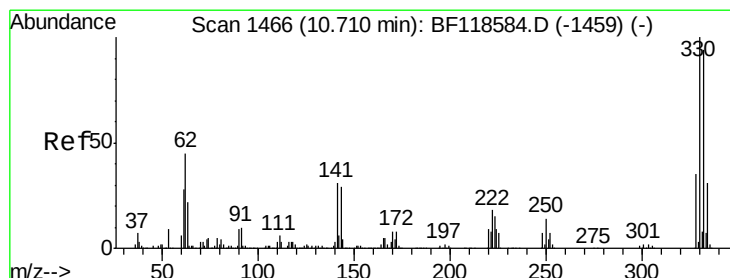
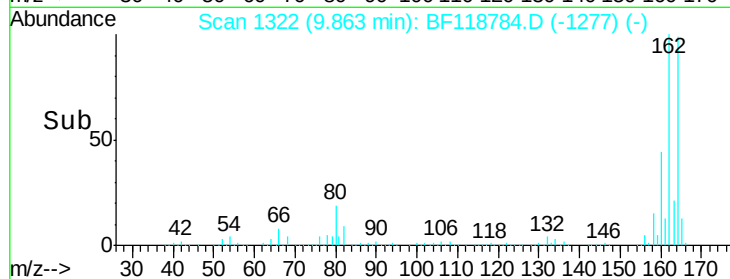
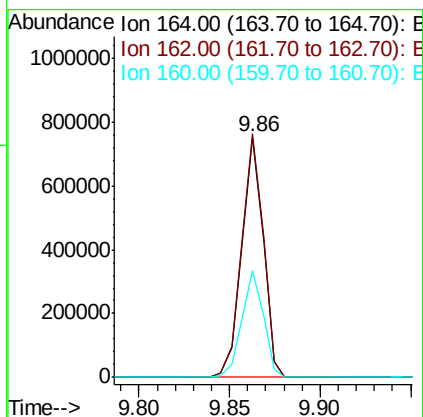
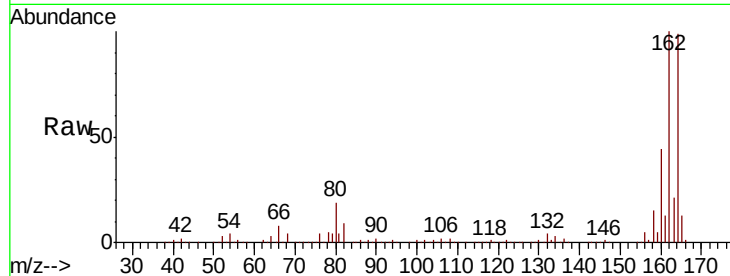




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: BF118784.D
 Acq: 31 Jan 2020 16:17

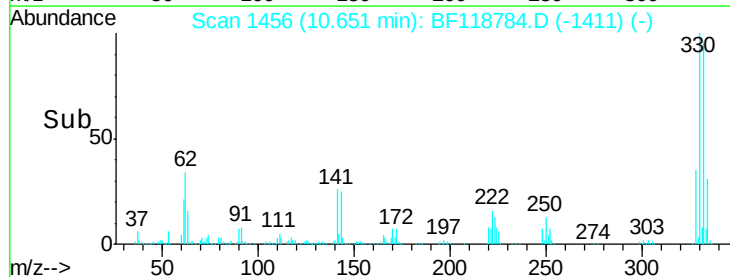
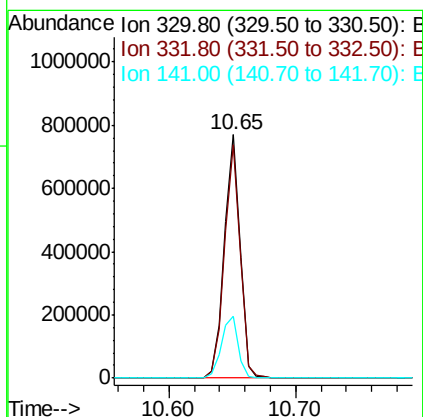
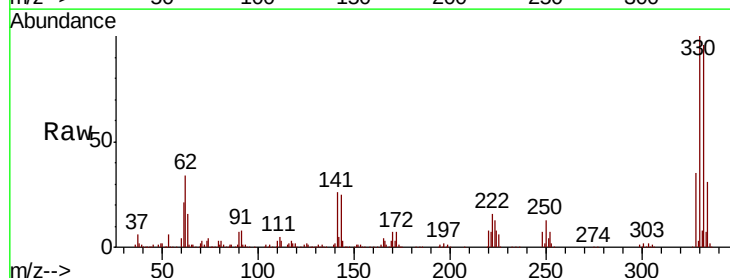
Instrument :
 BNA_F
 ClientSampleId :

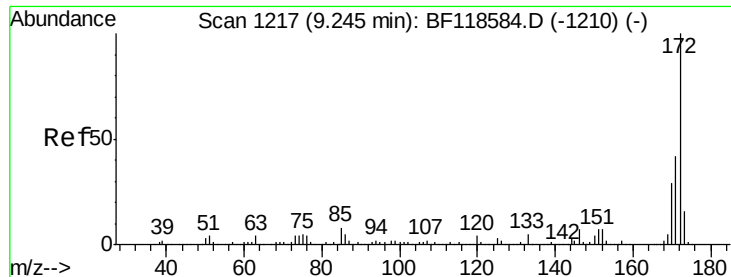
Tot Ion:164 Resp: 620968
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.8 121.2
 160 44.6 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 93.384 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.04 min
 Lab File: BF118784.D
 Acq: 31 Jan 2020 16:17

Tgt Ion:330 Resp: 670710
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.6 116.4
 141 27.3 22.2 33.2



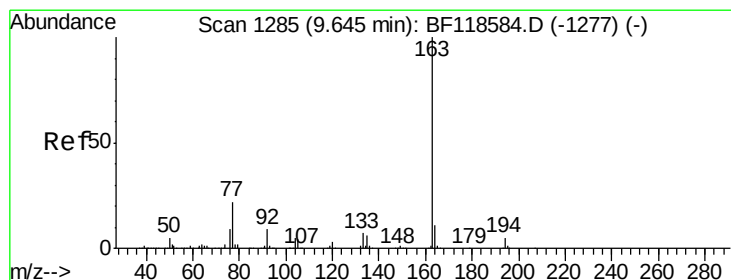
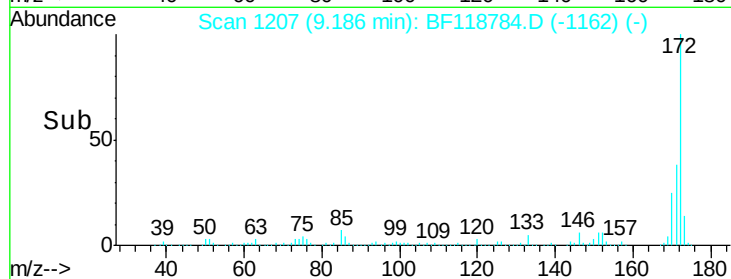
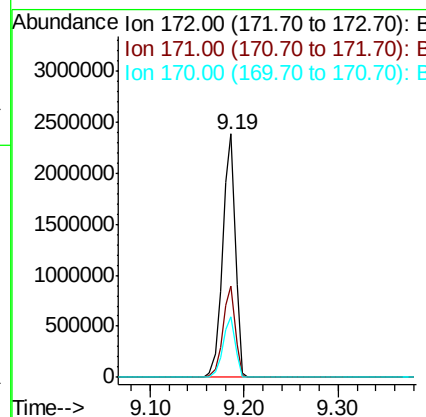
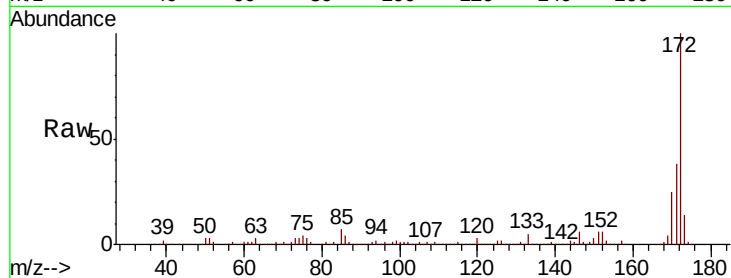


#45
 2-Fluorobiphenyl
 Concen: 59.487 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF118784.D
 Acq: 31 Jan 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2247463

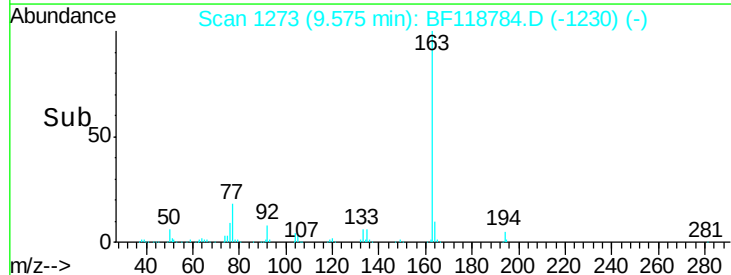
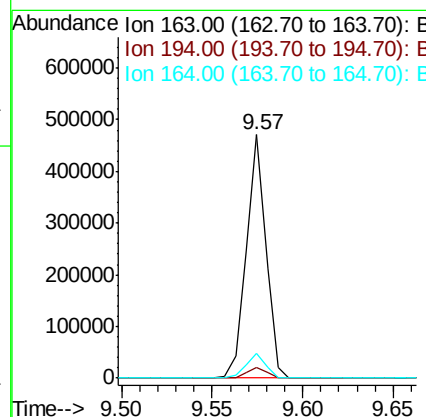
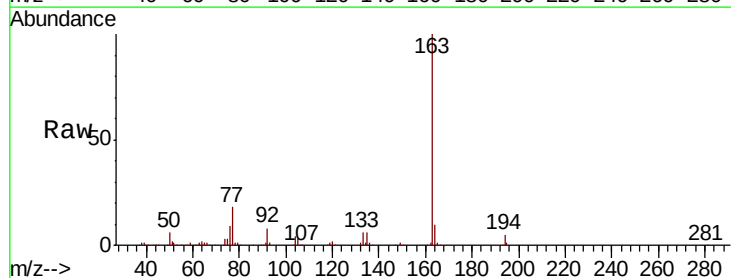
Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.9	20.7	31.1

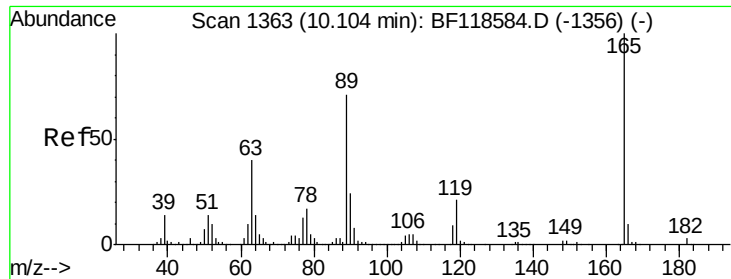


#50
 Dimethylphthalate
 Concen: 8.718 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.05 min
 Lab File: BF118784.D
 Acq: 31 Jan 2020 16:17

Tgt Ion:163 Resp: 352724

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	10.0	8.2	12.2

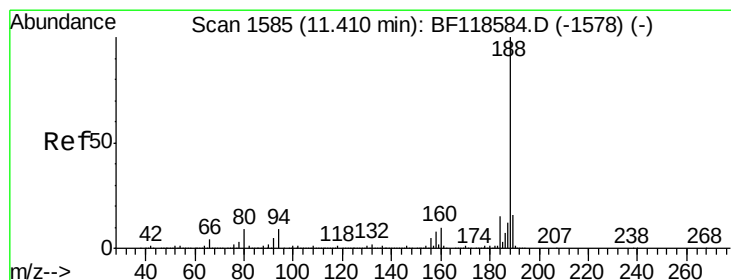
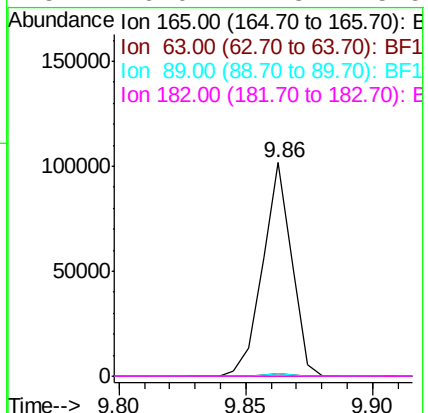
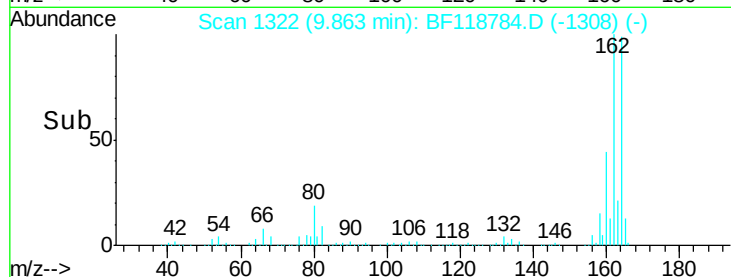
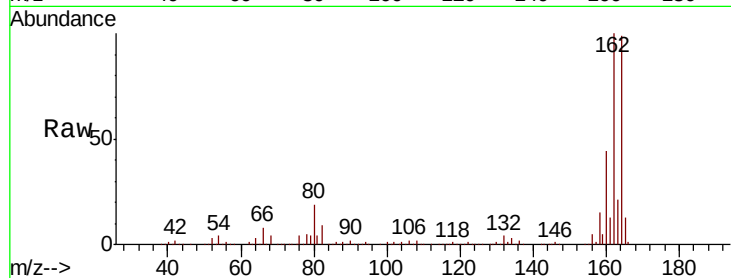




#57
 2,4-Dinitrotoluene
 Concen: 7.129 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.22 min
 Lab File: BF118784.D
 Acq: 31 Jan 2020 16:17

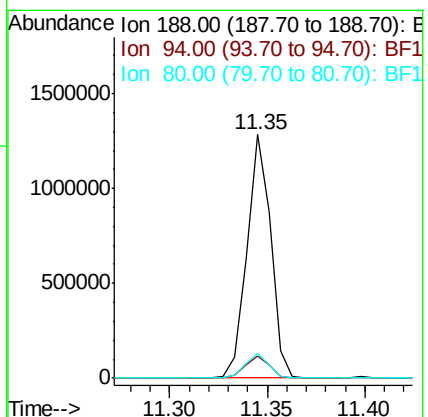
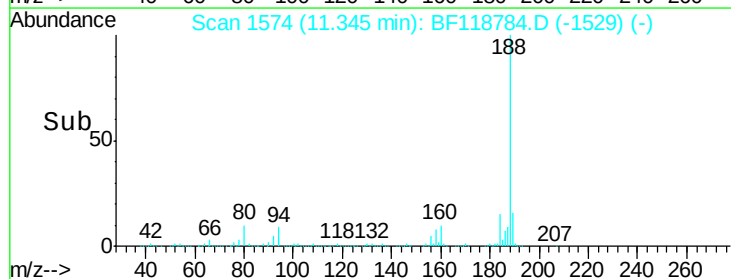
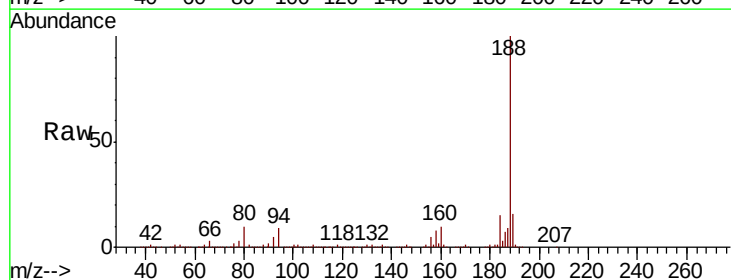
Instrument :
 BNA_F
 ClientSampleId :

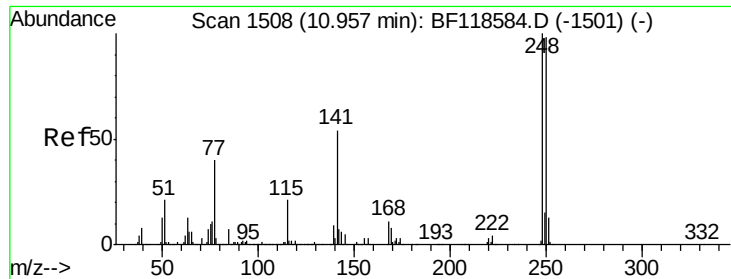
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.5	42.7#
89	1.3	50.4	75.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BF118784.D
 Acq: 31 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.2	7.8	11.8

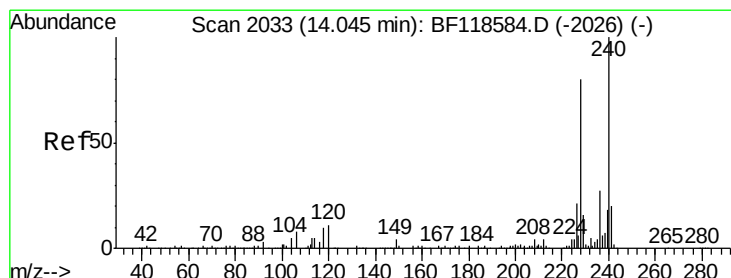
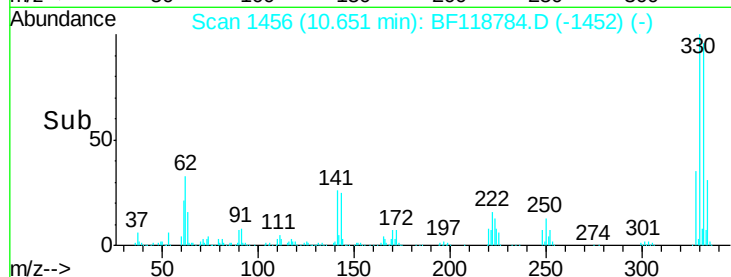
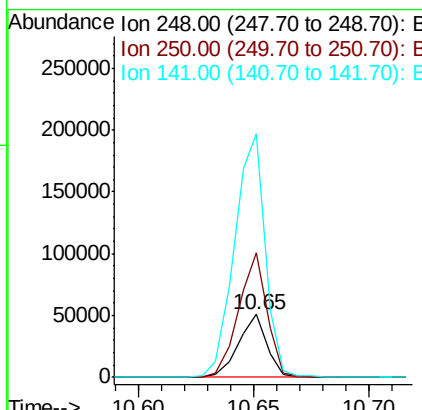
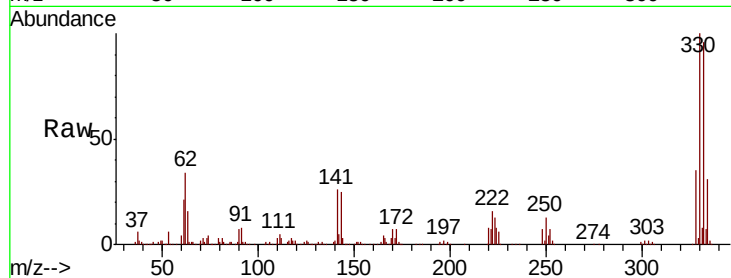




#67
 4-Bromophenyl-phenylether
 Concen: 3.256 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.28 min
 Lab File: BF118784.D
 Acq: 31 Jan 2020 16:17

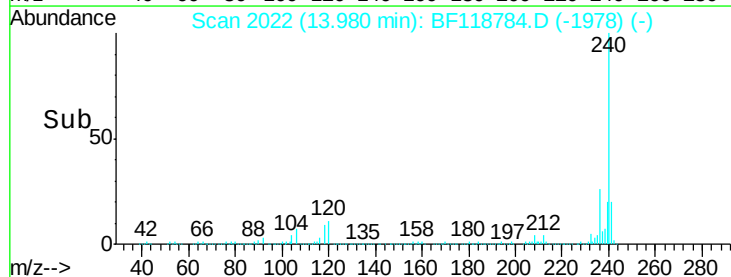
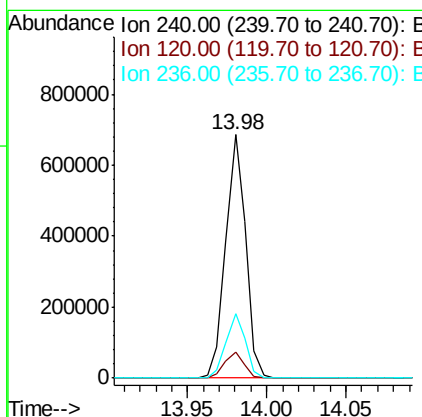
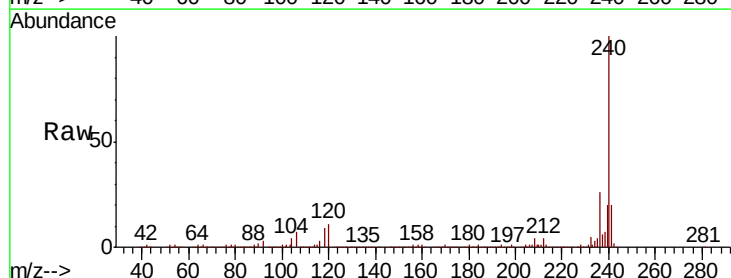
Instrument :
 BNA_F
 ClientSampled :

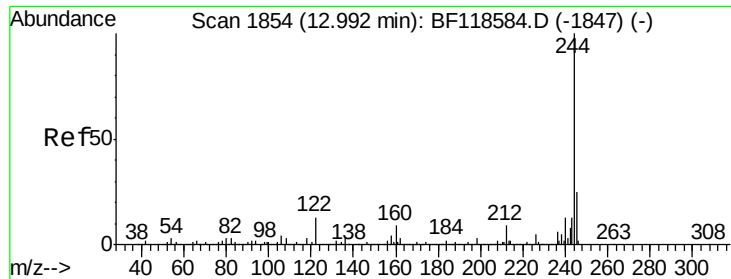
Tot Ion:248 Resp: 43517
 Ion Ratio Lower Upper
 248 100
 250 198.4 78.7 118.1#
 141 388.3 48.4 72.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.04 min
 Lab File: BF118784.D
 Acq: 31 Jan 2020 16:17

Tgt Ion:240 Resp: 599019
 Ion Ratio Lower Upper
 240 100
 120 10.6 7.6 11.4
 236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 82.431 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.03 min

Lab File: BF118784.D

Acq: 31 Jan 2020 16:17

Instrument :

BNA_F

ClientSampleId :

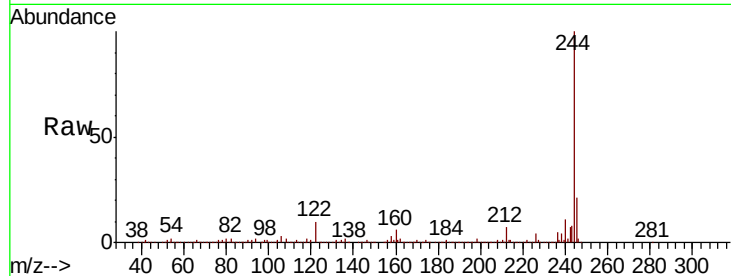
Tot Ion:244 Resp: 2263891

Ion Ratio Lower Upper

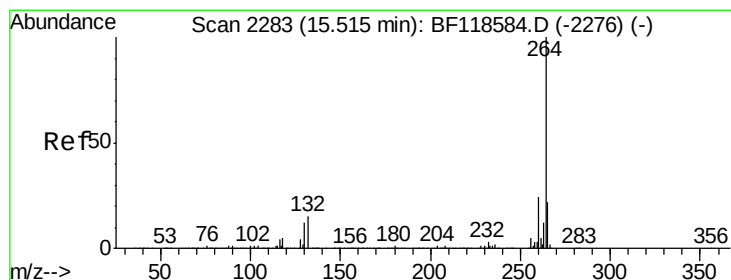
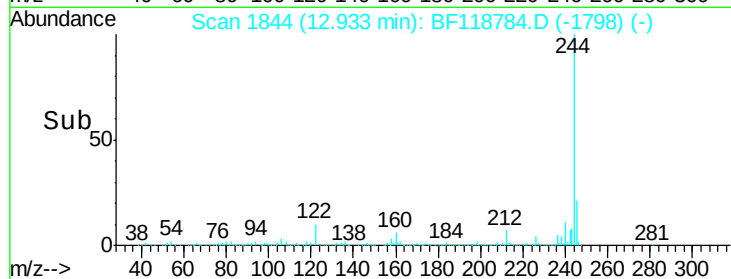
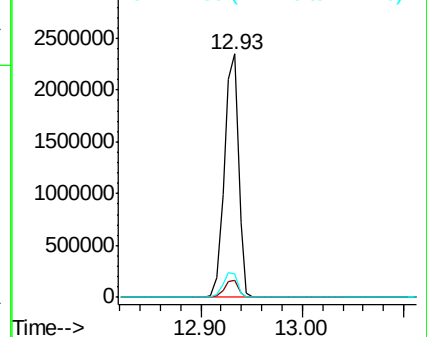
244 100

212 6.9 6.3 9.5

122 9.6 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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.05 min

Lab File: BF118784.D

Acq: 31 Jan 2020 16:17

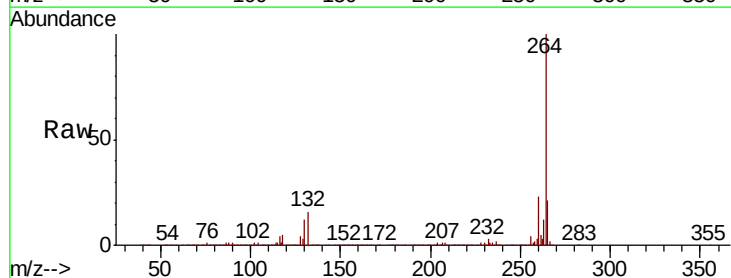
Tgt Ion:264 Resp: 682224

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.2 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

