

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118727.D
 Acq On : 29 Jan 2020 13:19
 Operator : CG/JU
 Sample : L1289-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:07:51 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

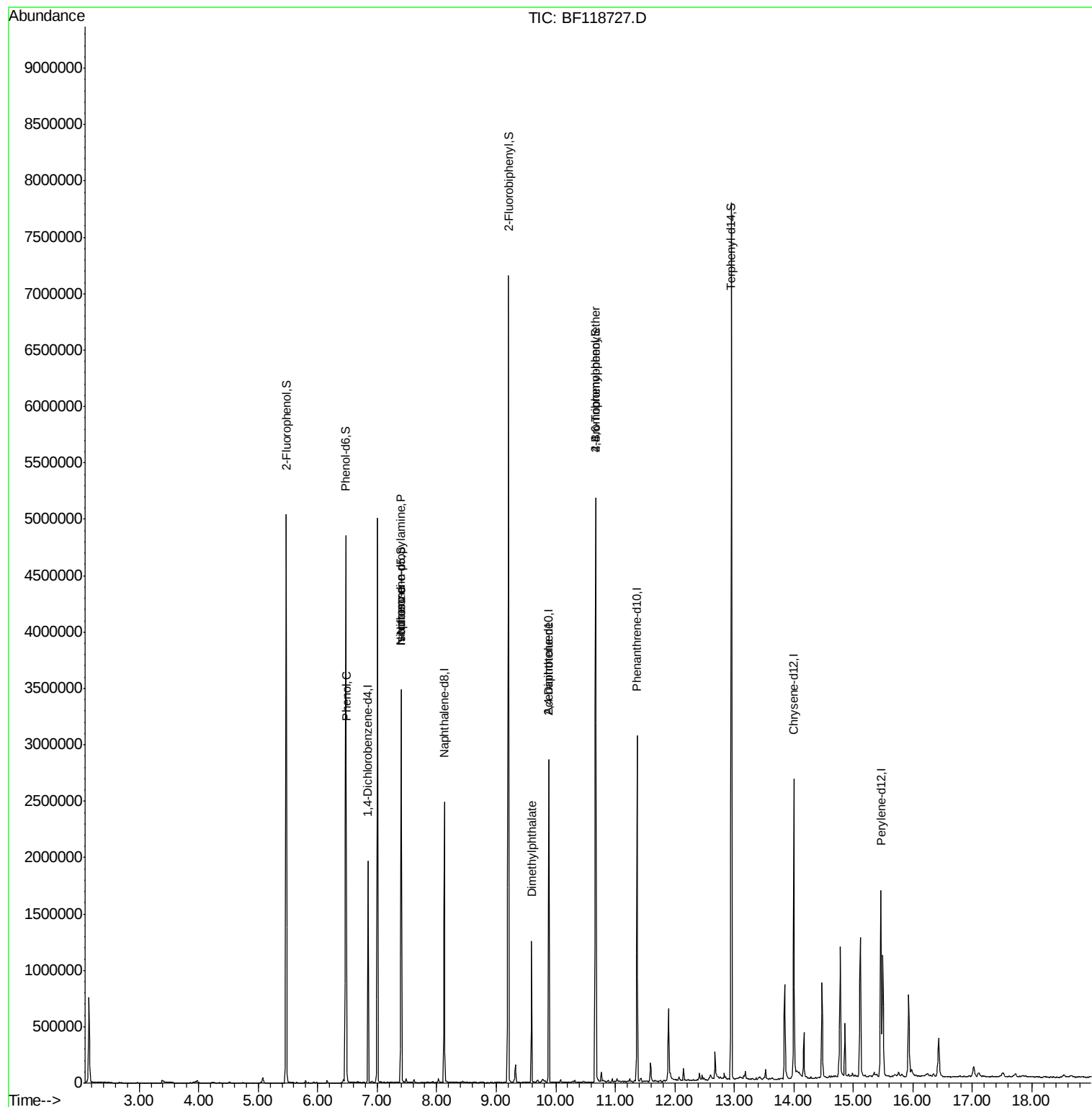
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	301964	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1143083	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	649093	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1242868	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	915788	20.00	ng	-0.02
87) Perylene-d12	15.46	264	808498	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1520943	93.55	ng	0.00
7) Phenol-d6	6.47	99	1901947	90.00	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1223985	59.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	715150	95.26	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2369006	59.99	ng	-0.02
79) Terphenyl-d14	12.95	244	2895790	68.97	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	80699	3.351	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	164785	11.549	ng	# 78
25) Isophorone	7.40	82	1220742	32.750	ng	# 63
50) Dimethylphthalate	9.59	163	509585	12.050	ng	99
57) 2,4-Dinitrotoluene	9.88	165	84113	7.046	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	45692	2.976	ng	# 1

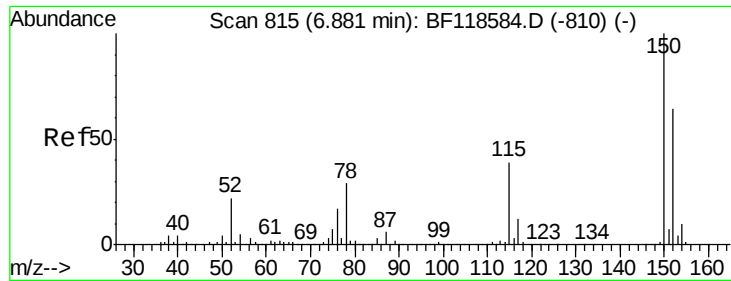
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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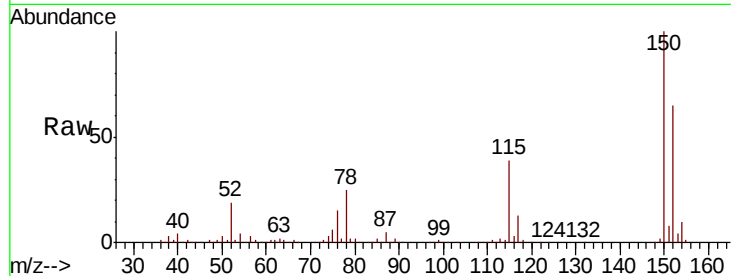


#1

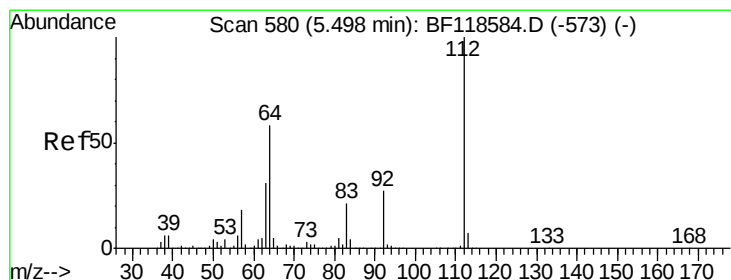
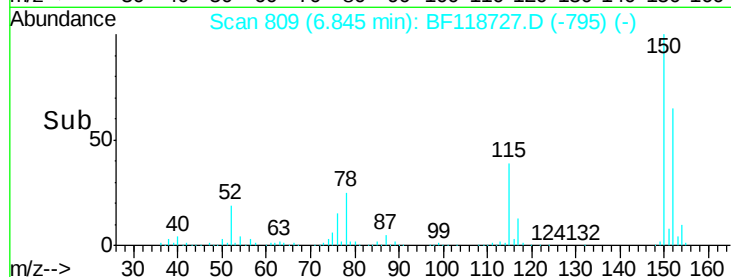
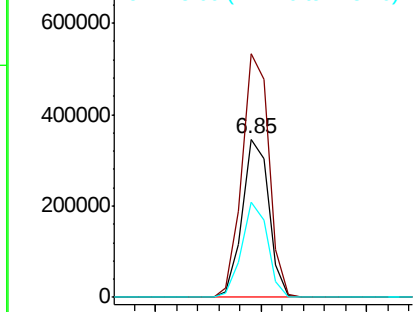
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF118727.D
Acq: 29 Jan 2020 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 301964
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 59.8 45.1 67.7



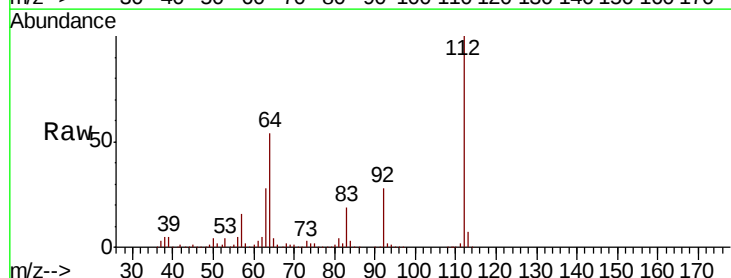
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



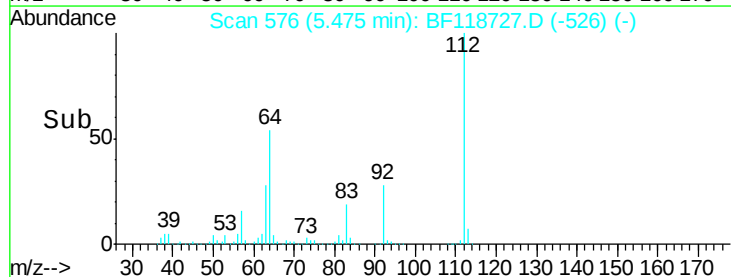
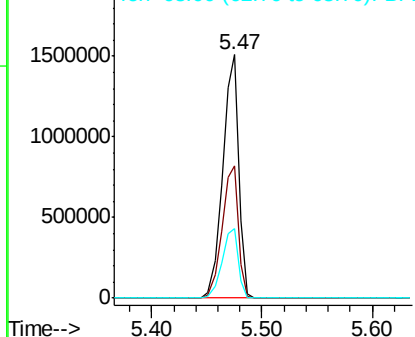
#5

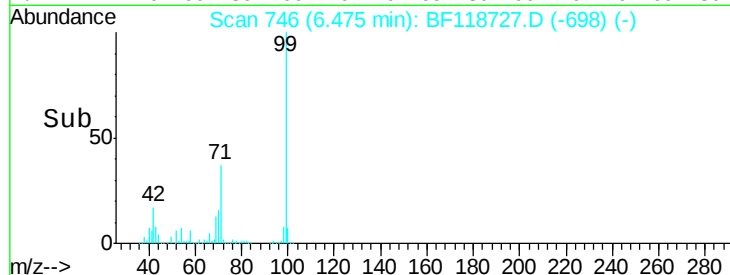
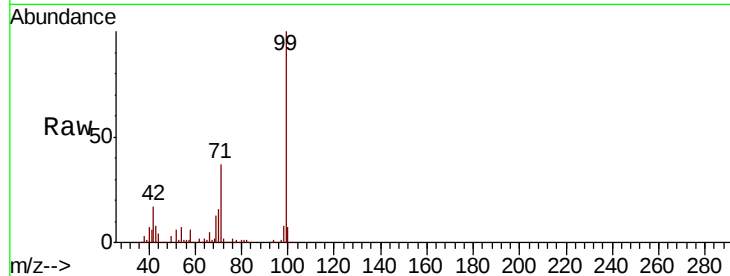
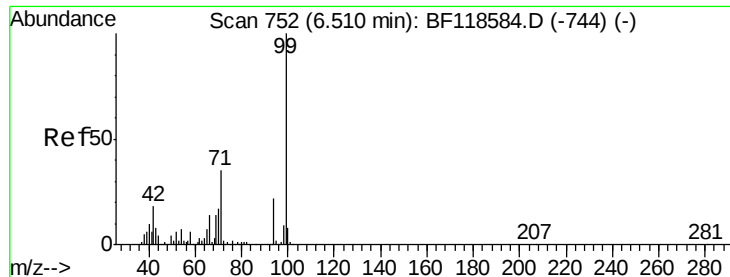
2-Fluorophenol
Concen: 93.547 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118727.D
Acq: 29 Jan 2020 13:19

Tgt Ion:112 Resp: 1520943
Ion Ratio Lower Upper
112 100
64 54.3 42.4 63.6
63 28.4 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: 90.003 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

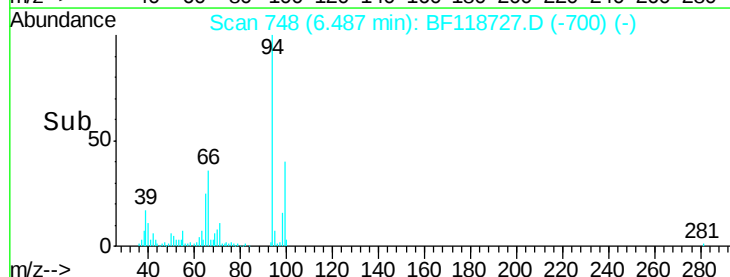
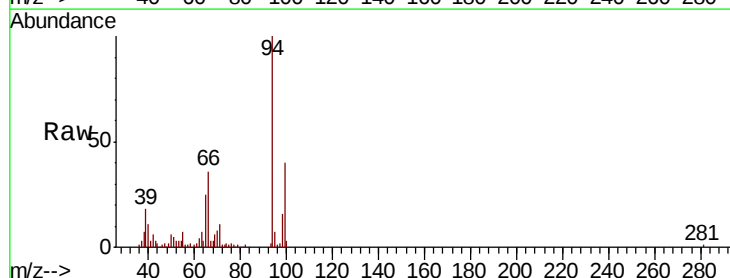
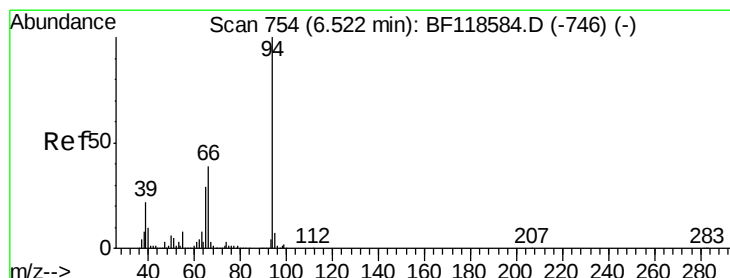
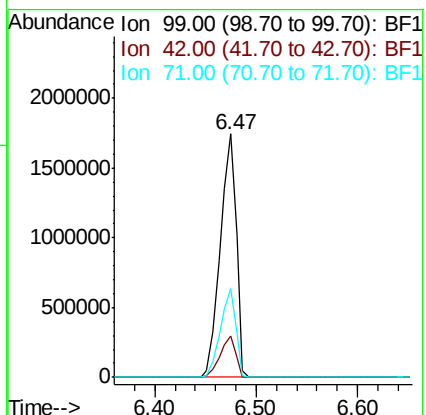
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1901947

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.1	19.7
71	36.5	28.4	42.6



#10

Phenol

Concen: 3.351 ng

RT: 6.49 min Scan# 748

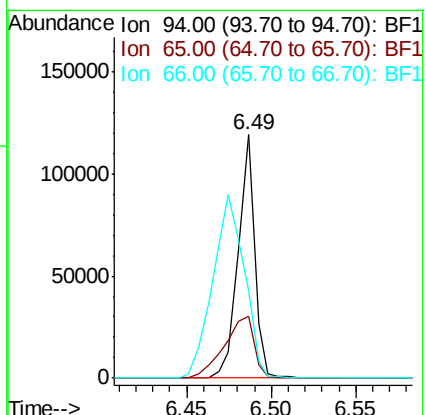
Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

Tgt Ion: 94 Resp: 80699

Ion	Ratio	Lower	Upper
94	100		
65	25.2	7.9	47.9
66	36.1	19.1	59.1

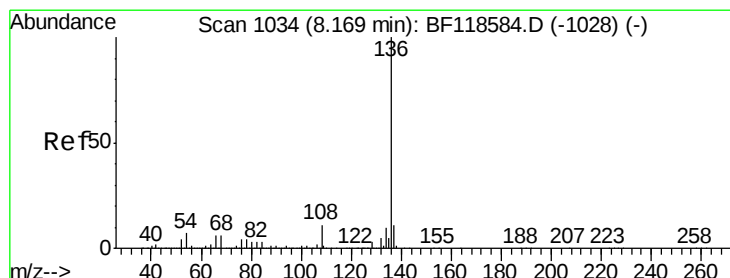
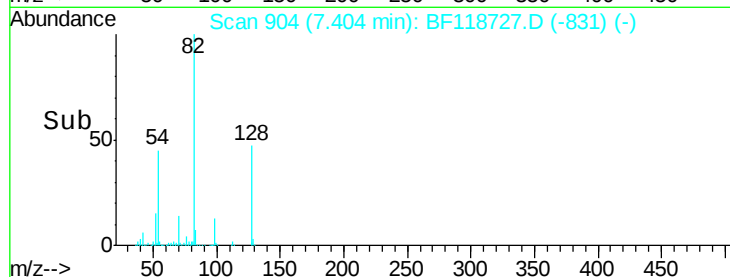
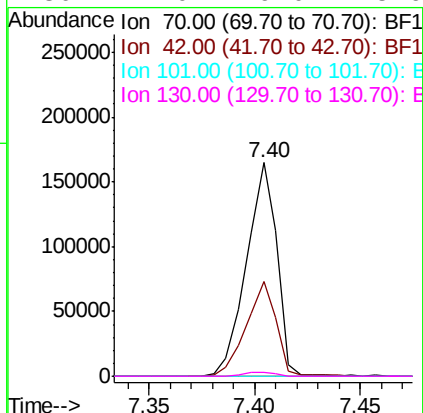
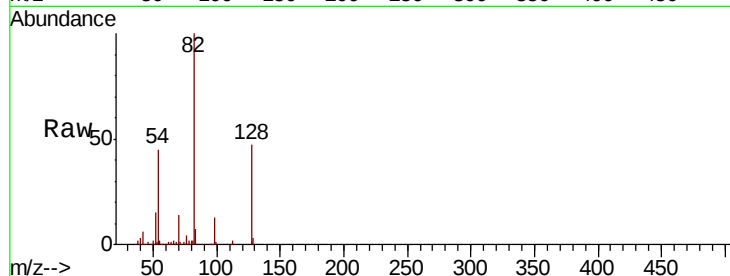




#19
n-Nitroso-di-n-propylamine
Concen: 11.549 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.13 min
Lab File: BF118727.D
Acq: 29 Jan 2020 13:19

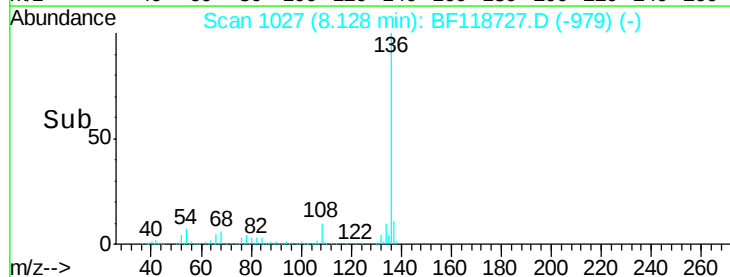
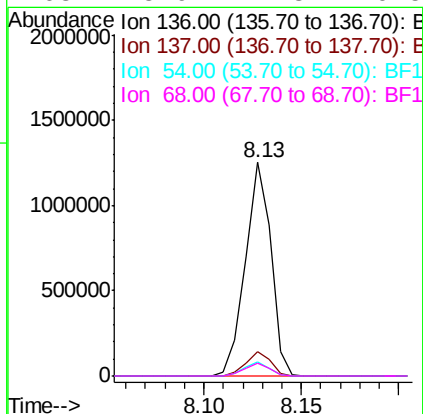
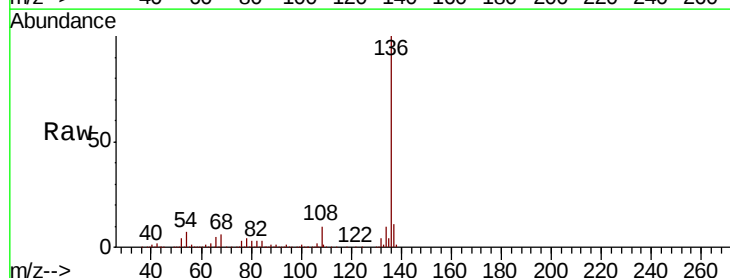
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	164785
Ion	Ratio	Lower	Upper
70	100		
42	44.2	41.6	62.4
101	0.0	7.9	11.9#
130	2.0	19.0	28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118727.D
Acq: 29 Jan 2020 13:19

Tgt Ion:	136	Resp:	1143083
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	5.1	7.7
68	5.9	4.3	6.5





#23

Nitrobenzene-d5

Concen: 59.893 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

Instrument :

BNA_F

ClientSampleId :

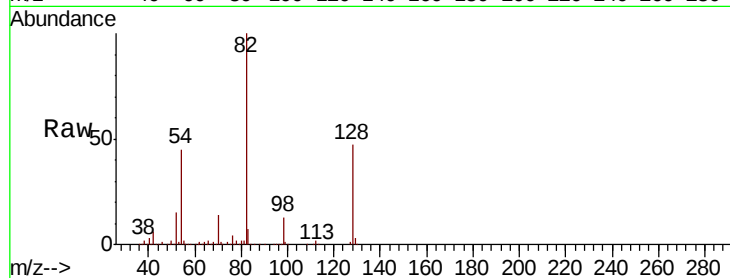
Tot Ion: 82 Resp: 1223985

Ion Ratio Lower Upper

82 100

128 47.2 38.2 57.2

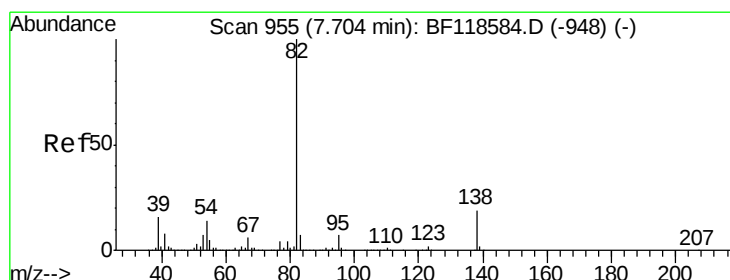
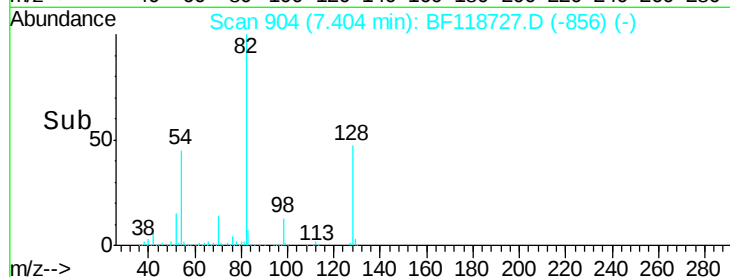
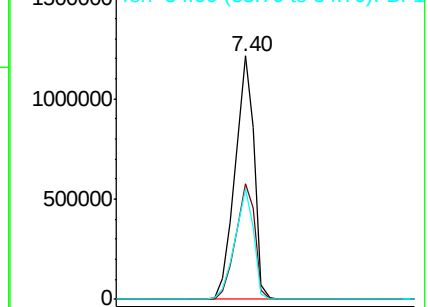
54 45.4 36.1 54.1



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: 32.750 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

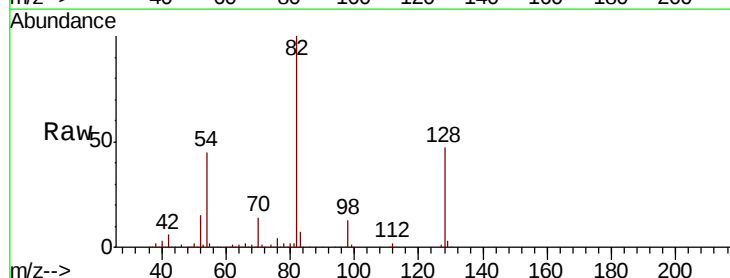
Tgt Ion: 82 Resp: 1220742

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

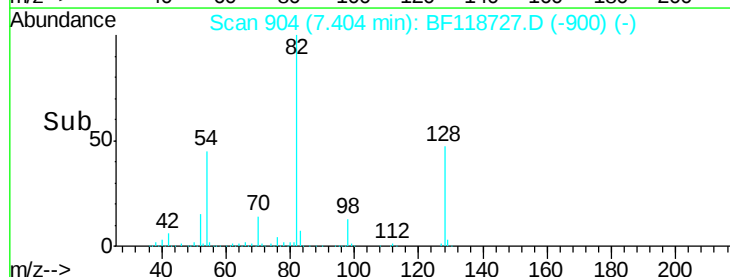
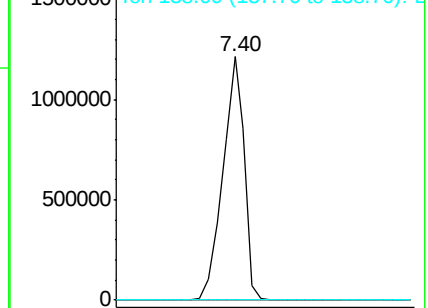
138 0.0 15.8 23.8#

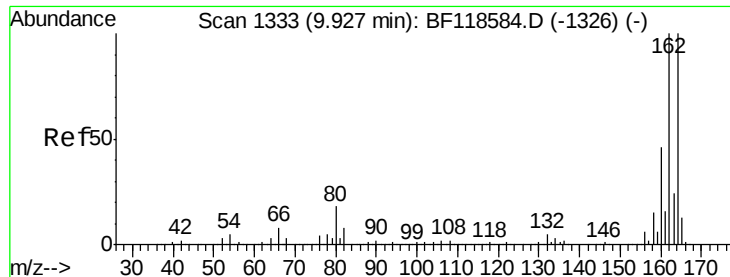


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

Instrument :

BNA_F

ClientSampleId :

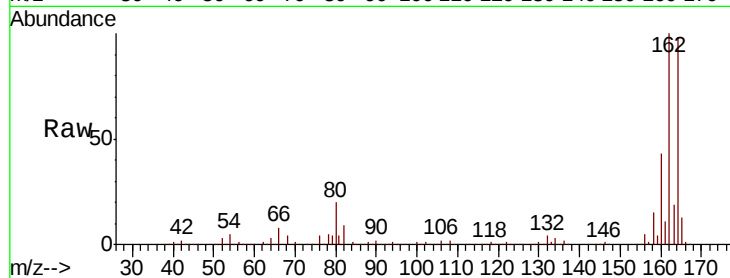
Tot Ion:164 Resp: 649093

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

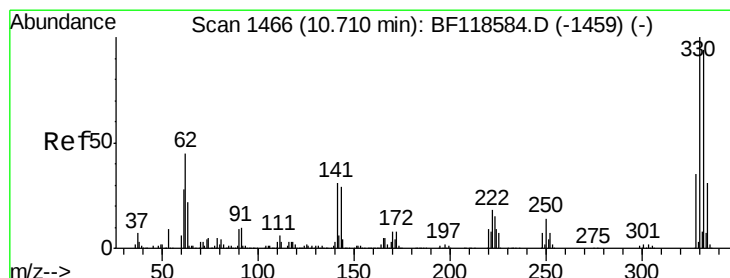
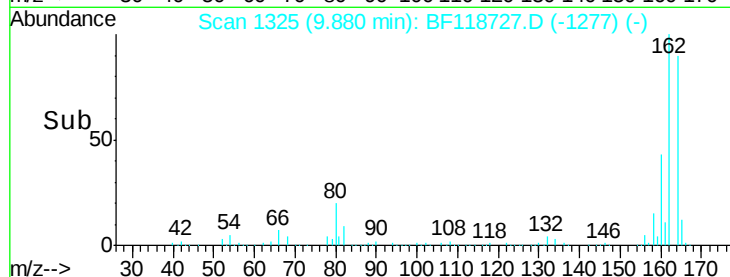
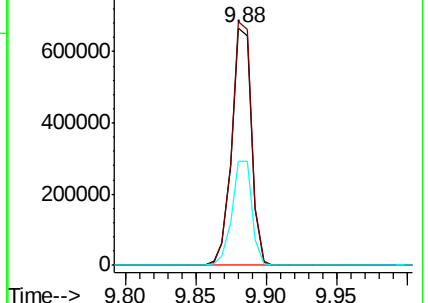
160 44.0 35.4 53.0



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: 95.257 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

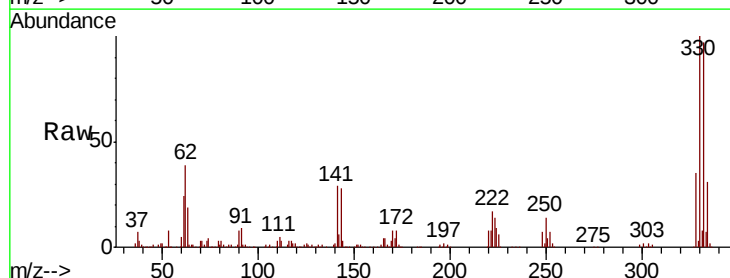
Tgt Ion:330 Resp: 715150

Ion Ratio Lower Upper

330 100

332 97.5 77.6 116.4

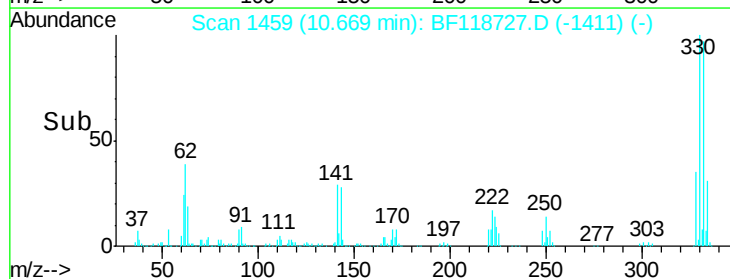
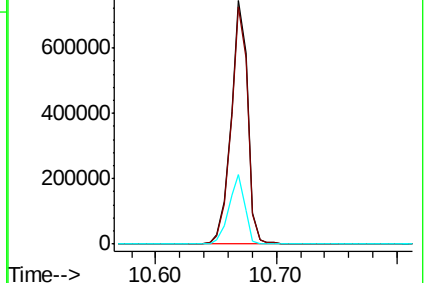
141 27.5 22.2 33.2

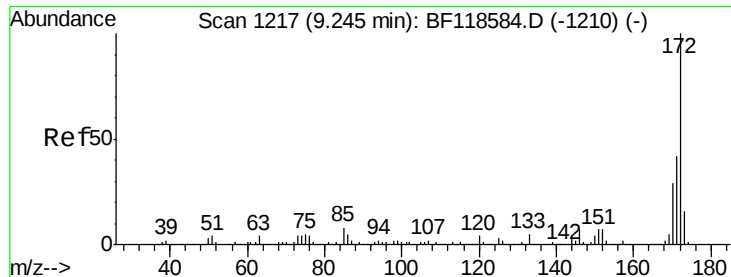


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



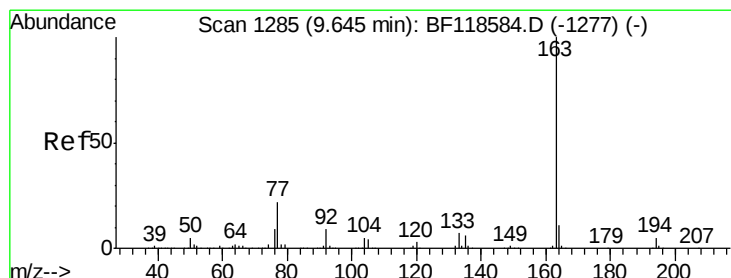
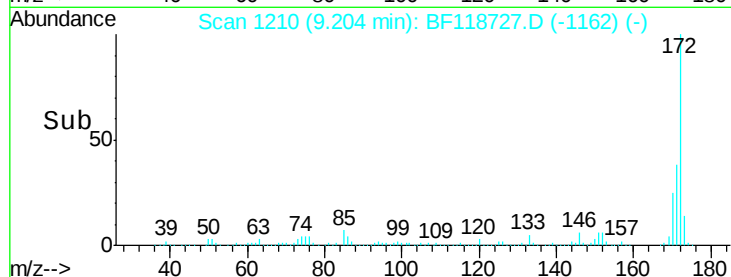
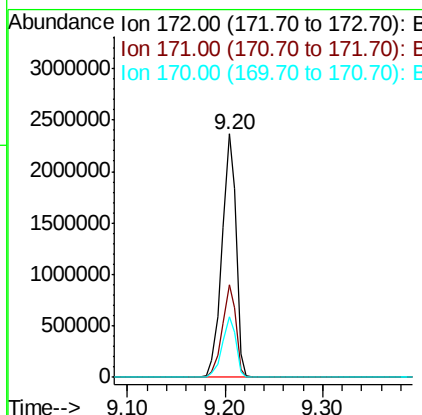
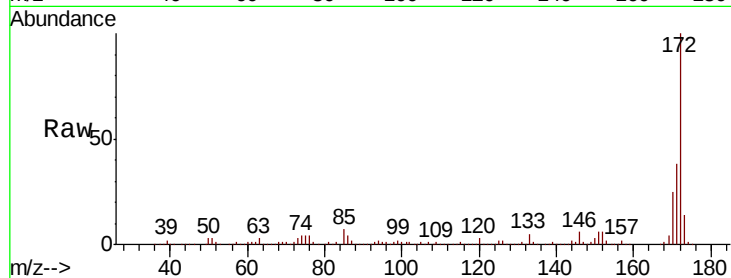


#45
 2-Fluorobiphenyl
 Concen: 59.987 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF118727.D
 Acq: 29 Jan 2020 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2369006

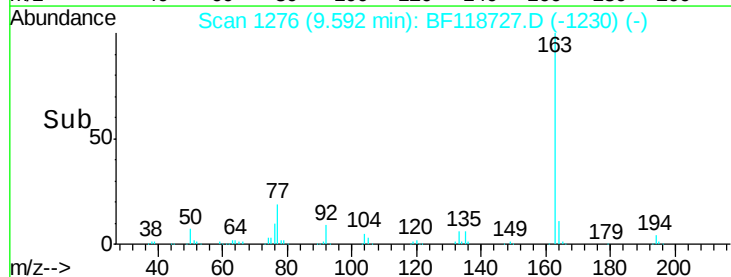
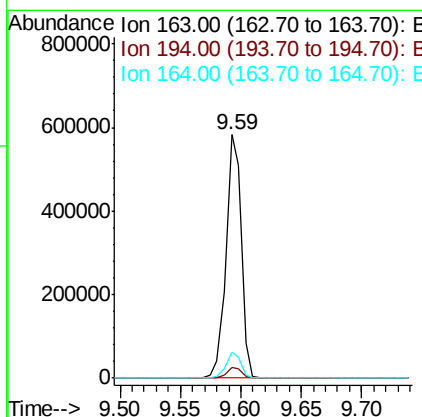
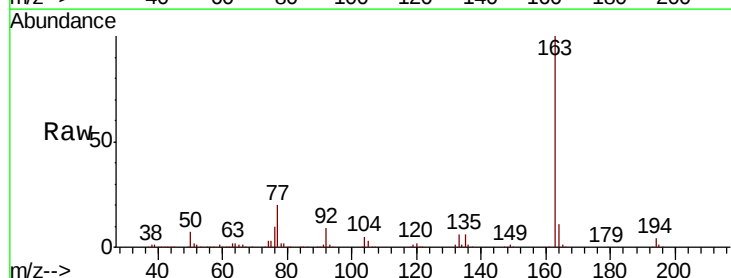
Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.0	20.7	31.1

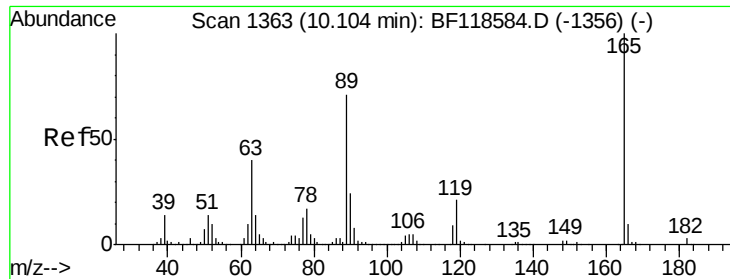


#50
 Dimethylphthalate
 Concen: 12.050 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BF118727.D
 Acq: 29 Jan 2020 13:19

Tgt Ion:163 Resp: 509585

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.6	8.2	12.2

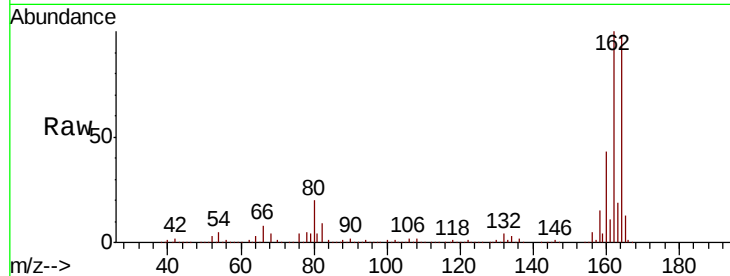




#57
 2,4-Dinitrotoluene
 Concen: 7.046 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118727.D
 Acq: 29 Jan 2020 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	84113
Ion Ratio	Lower	Upper
165	100	
63	0.9	28.5 42.7#
89	1.3	50.4 75.6#
182	0.0	2.3 3.5#

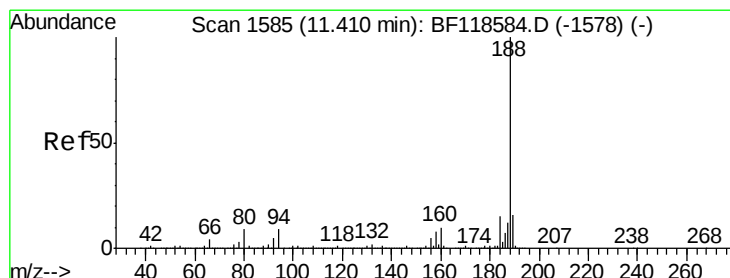
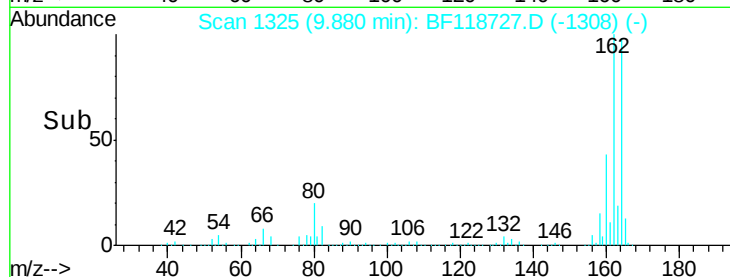
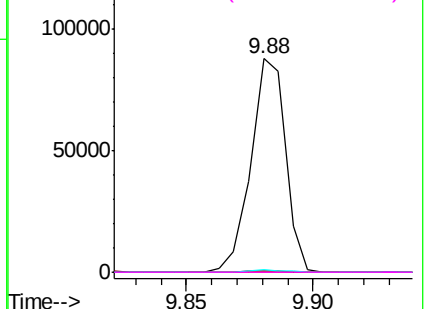


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

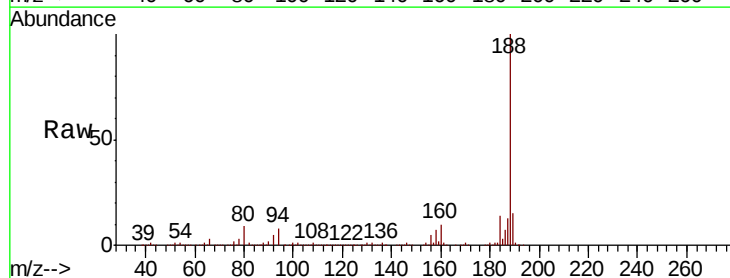
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF118727.D
 Acq: 29 Jan 2020 13:19

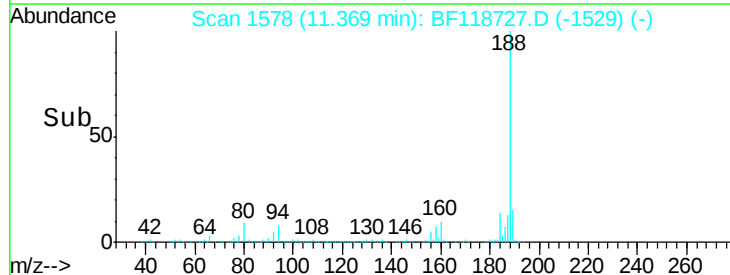
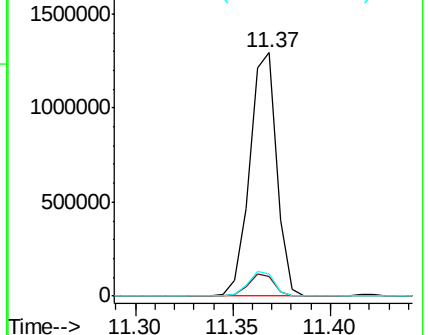
Tgt Ion:188	Resp:	1242868
Ion Ratio	Lower	Upper
188	100	
94	8.3	7.4 11.2
80	9.2	7.8 11.8

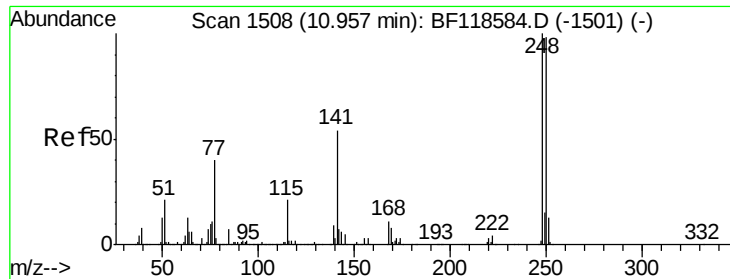


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

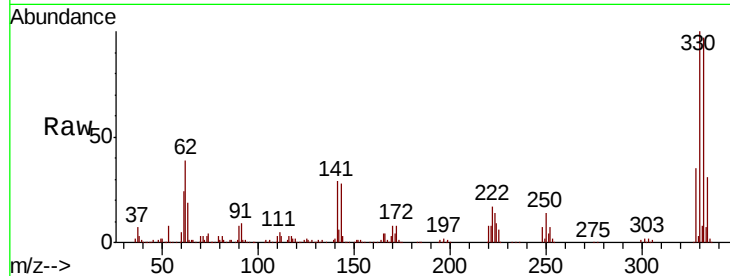




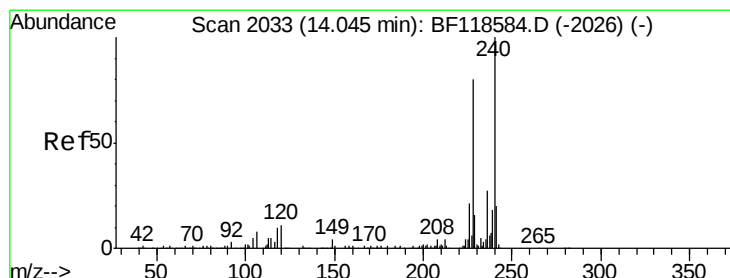
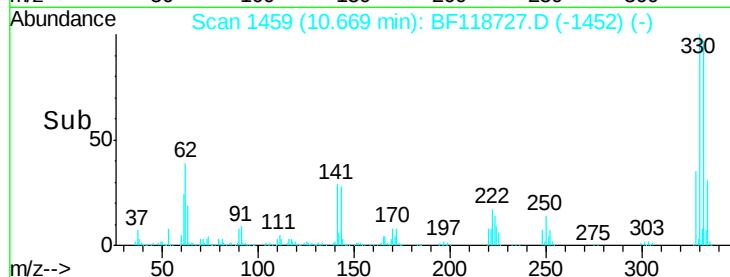
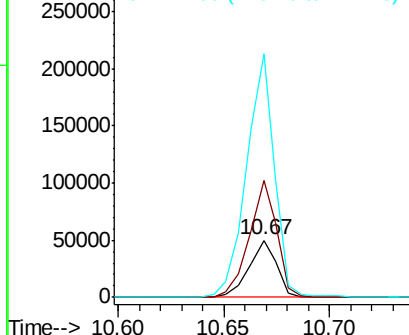
#67
4-Bromophenyl-phenylether
Concen: 2.976 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.26 min
Lab File: BF118727.D
Acq: 29 Jan 2020 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 45692
Ion Ratio Lower Upper
248 100
250 203.9 78.7 118.1#
141 426.5 48.4 72.6#

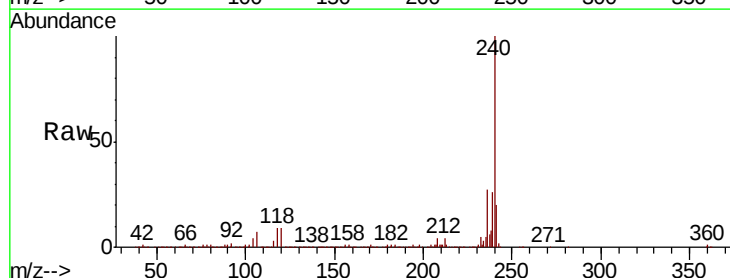


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

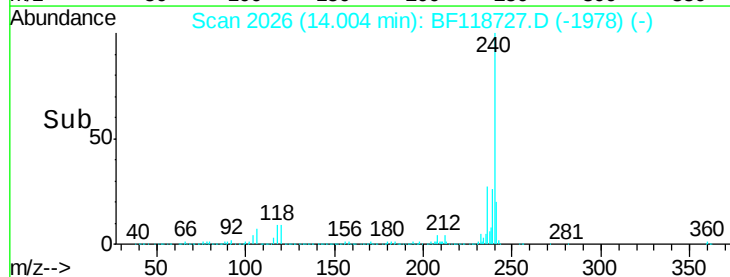
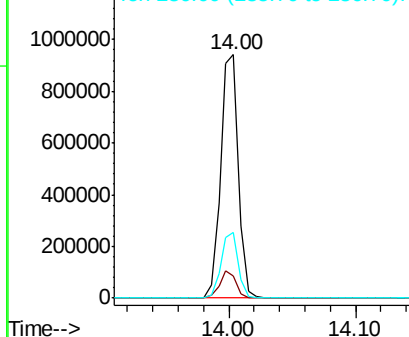


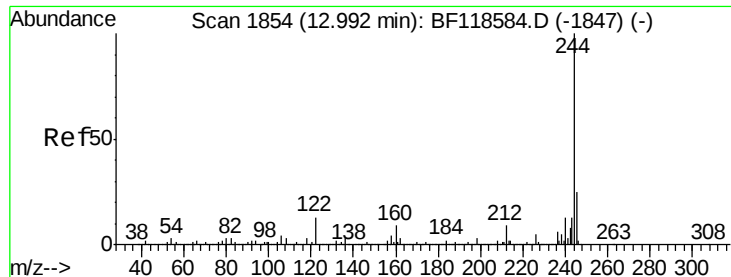
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF118727.D
Acq: 29 Jan 2020 13:19

Tgt Ion:240 Resp: 915788
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 26.9 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





#79

Terphenyl-d14

Concen: 68.968 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

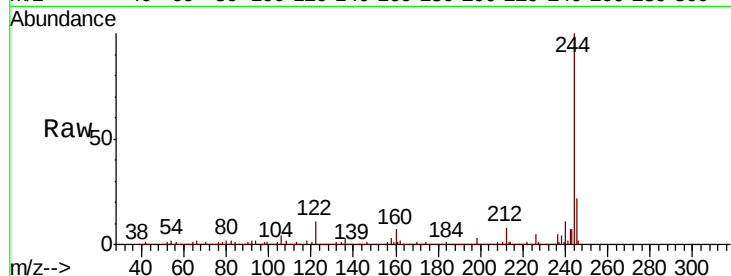
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2895790

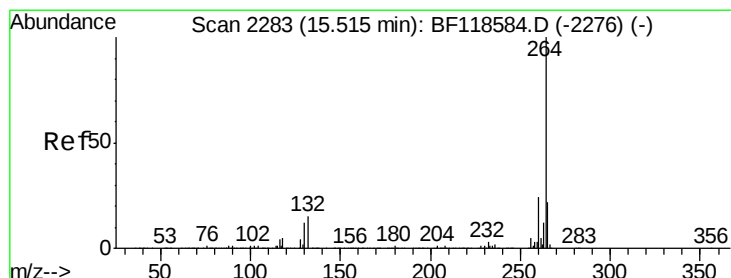
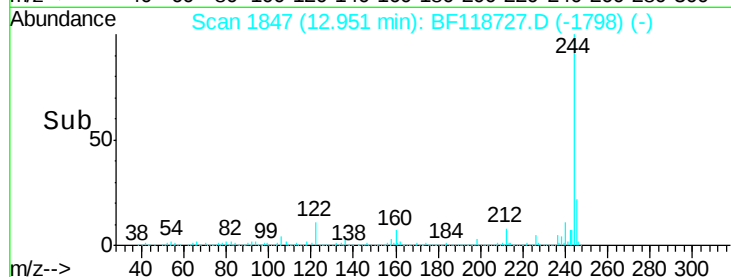
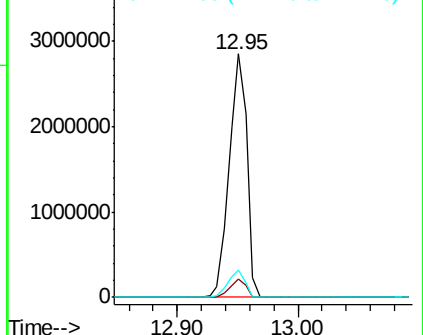
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.2	9.2	13.8



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: 15.46 min Scan# 2274

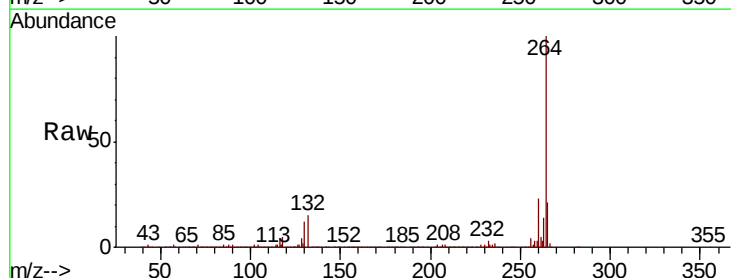
Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

Tgt Ion:264 Resp: 808498

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.4	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

