

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118728.D
 Acq On : 29 Jan 2020 13:46
 Operator : CG/JU
 Sample : L1289-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:08:00 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

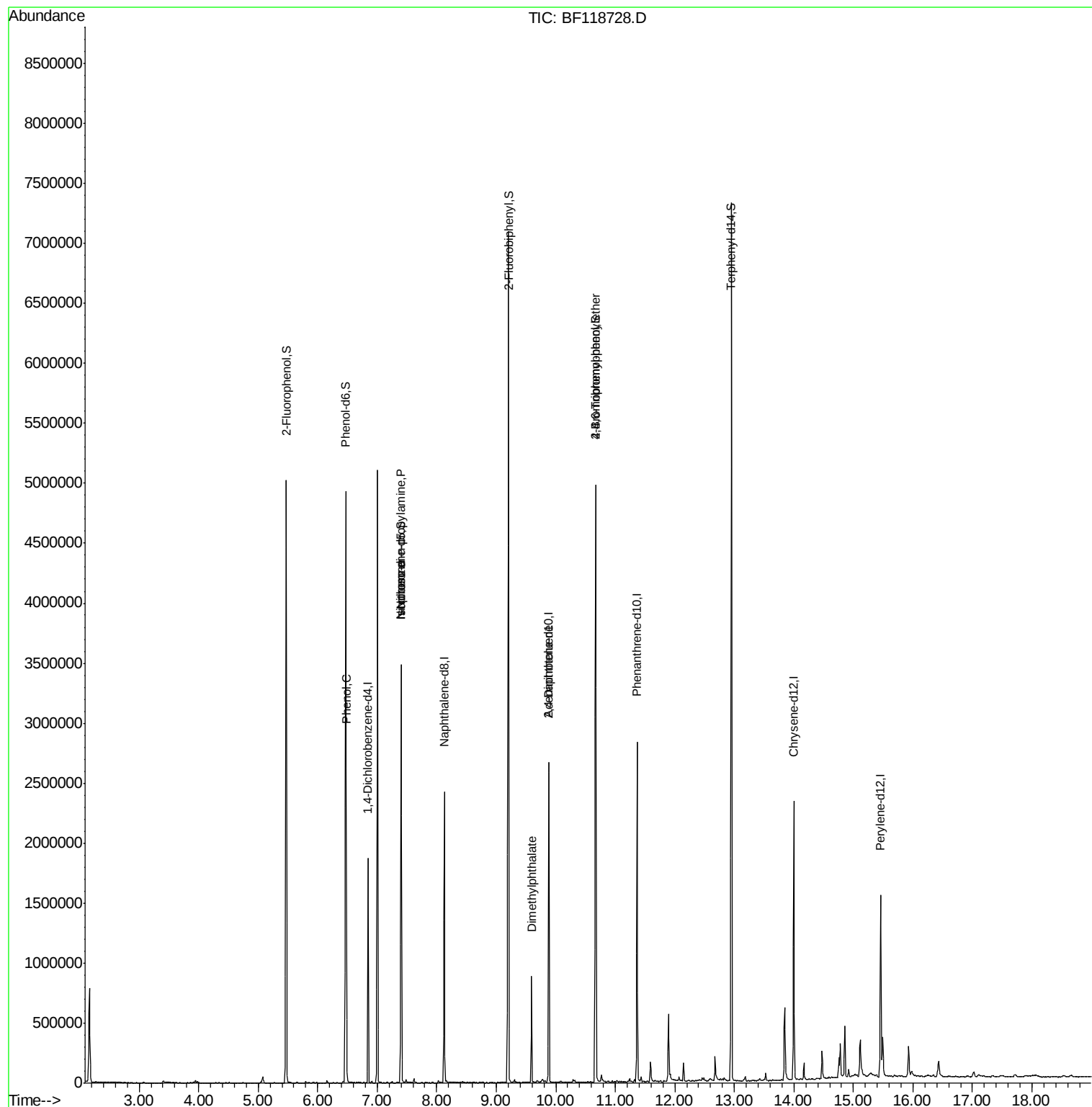
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	289814	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1085891	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	611890	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1130571	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	793052	20.00	ng	-0.02
87) Perylene-d12	15.46	264	722418	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1522705	97.58	ng	0.00
7) Phenol-d6	6.47	99	1884854	92.93	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1211023	62.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	694279	98.10	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2354413	63.24	ng	-0.02
79) Terphenyl-d14	12.95	244	2687965	73.93	ng	-0.01
Target Compounds				Qvalue		
10) Phenol	6.49	94	111215	4.812	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	164016	11.977	ng	# 78
25) Isophorone	7.40	82	1208605	34.132	ng	# 63
50) Dimethylphthalate	9.59	163	358172	8.985	ng	99
57) 2,4-Dinitrotoluene	9.88	165	79070	7.026	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	43925	3.145	ng	# 1

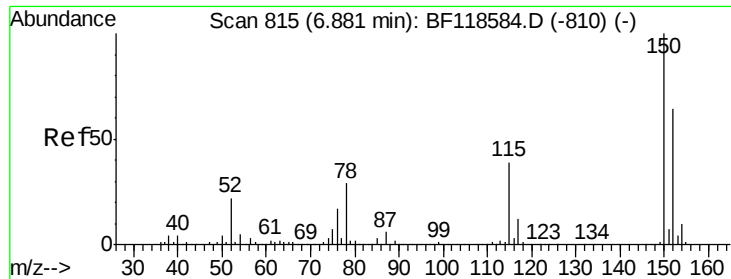
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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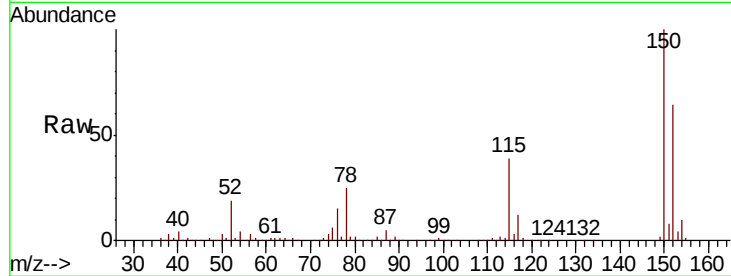


#1

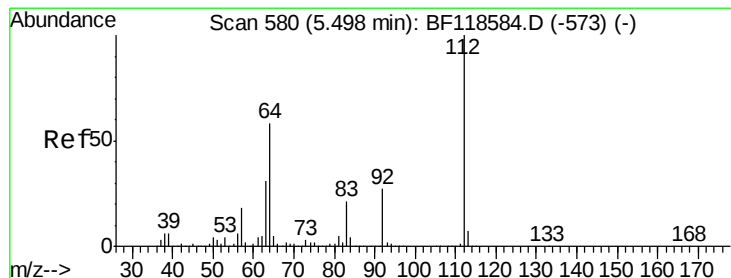
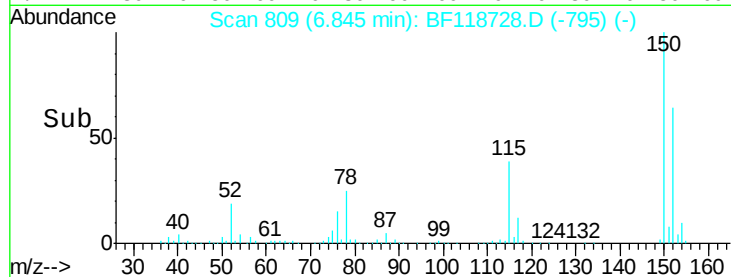
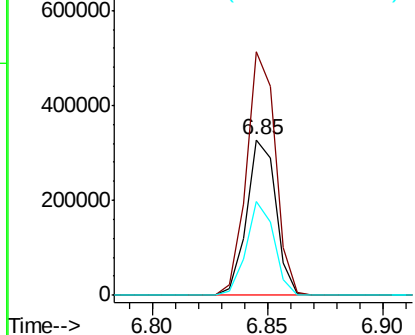
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF118728.D
 Acq: 29 Jan 2020 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 289814
 Ion Ratio Lower Upper
 152 100
 150 156.8 123.7 185.5
 115 60.7 45.1 67.7



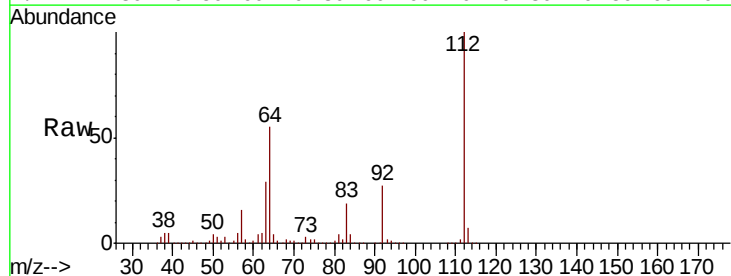
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



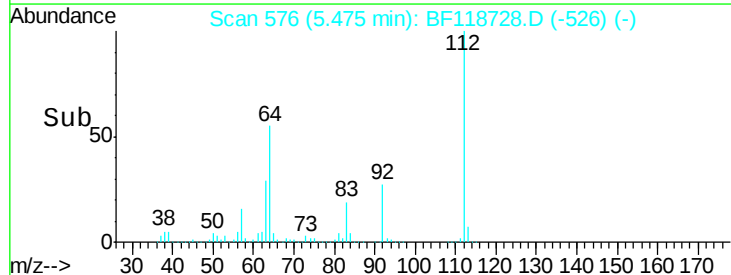
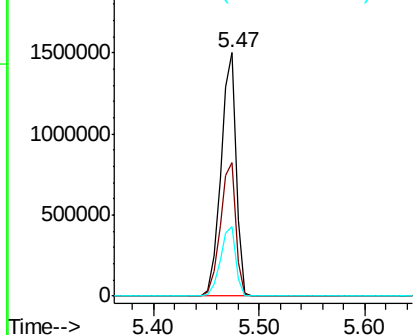
#5

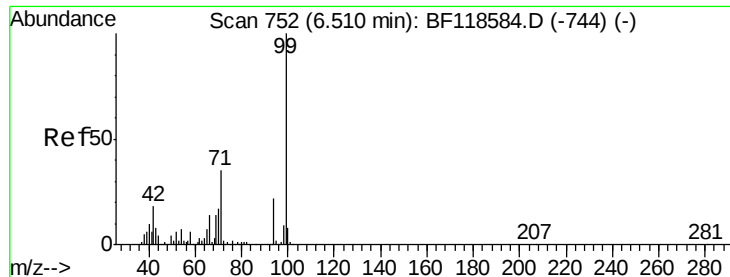
2-Fluorophenol
 Concen: 97.582 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118728.D
 Acq: 29 Jan 2020 13:46

Tgt Ion:112 Resp: 1522705
 Ion Ratio Lower Upper
 112 100
 64 55.0 42.4 63.6
 63 28.8 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: 92.933 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

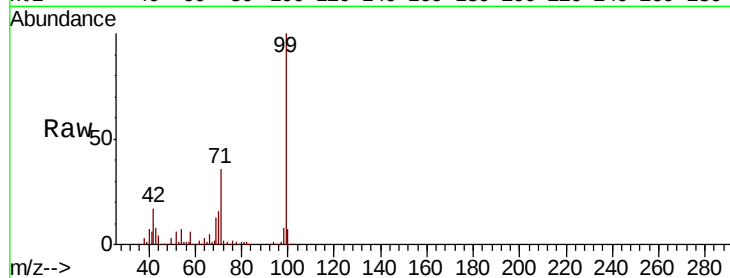
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1884854

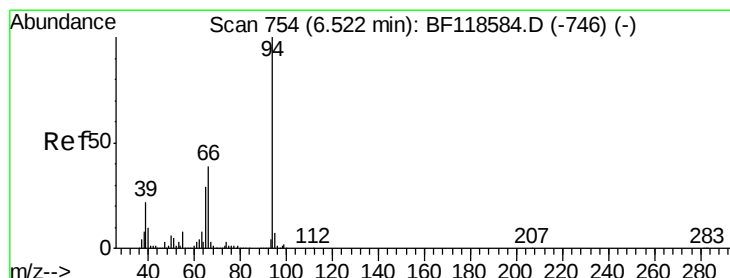
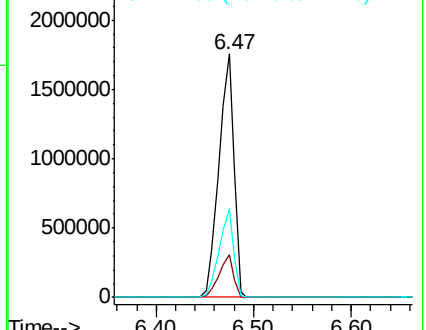
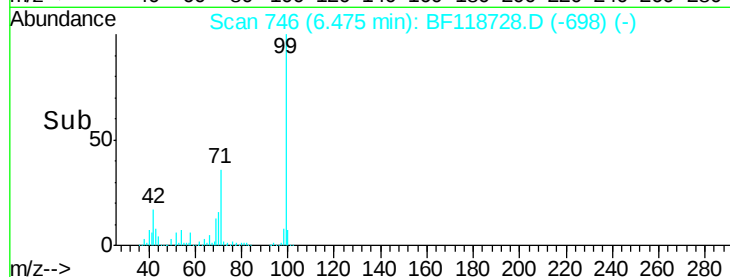
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.1	19.7
71	36.5	28.4	42.6



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: 4.812 ng

RT: 6.49 min Scan# 748

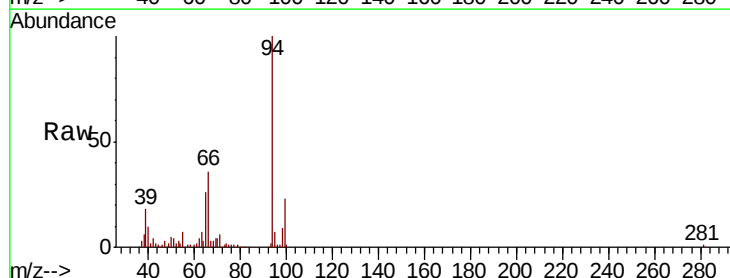
Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

Tgt Ion: 94 Resp: 111215

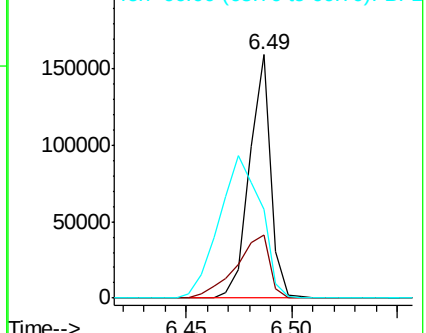
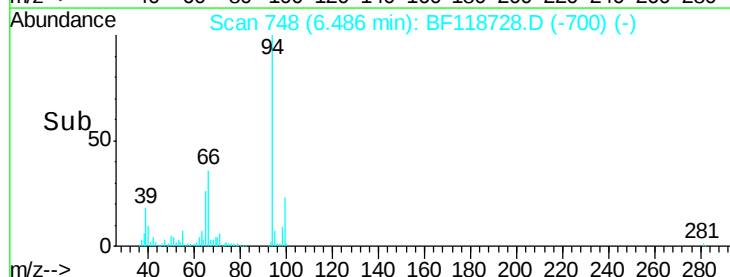
Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	36.3	19.1	59.1



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

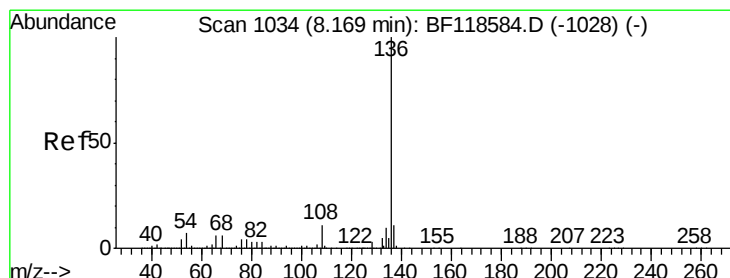
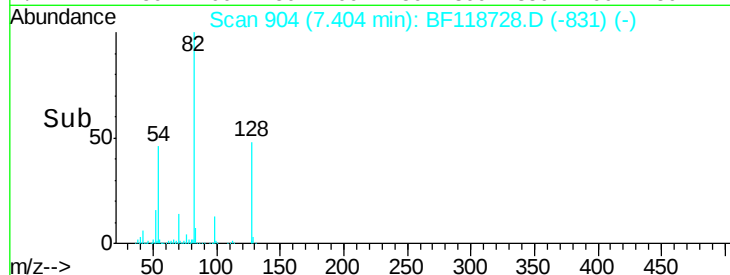
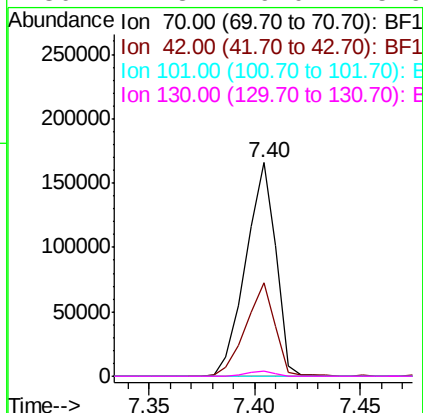
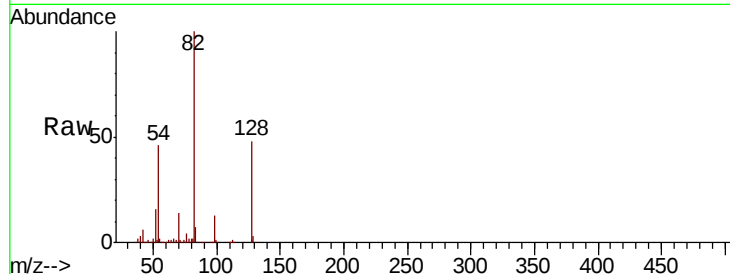




#19
n-Nitroso-di-n-propylamine
Concen: 11.977 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.13 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

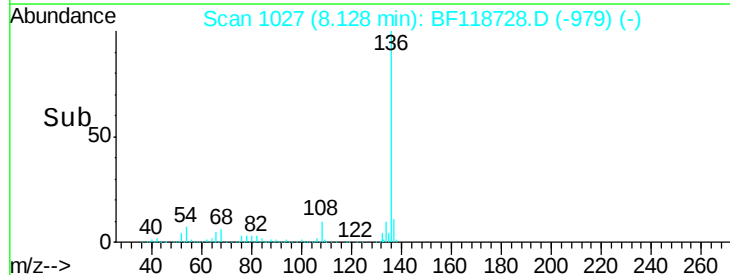
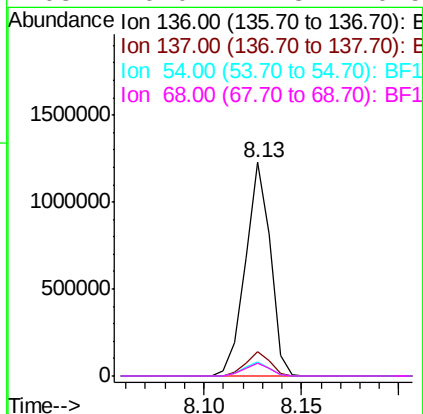
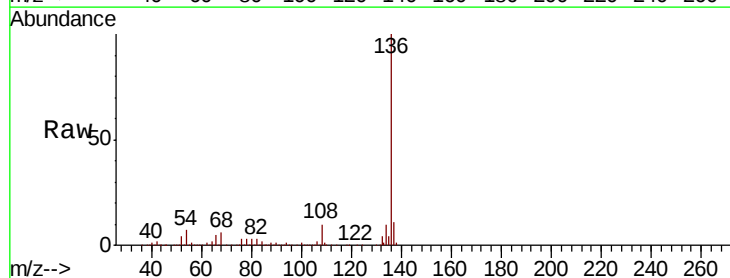
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 164016
Ion Ratio Lower Upper
70 100
42 43.7 41.6 62.4
101 0.0 7.9 11.9#
130 2.3 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: BF118728.D
Acq: 29 Jan 2020 13:46

Tgt Ion: 136 Resp: 1085891
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.9 5.1 7.7
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 62.380 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

Instrument :

BNA_F

ClientSampleId :

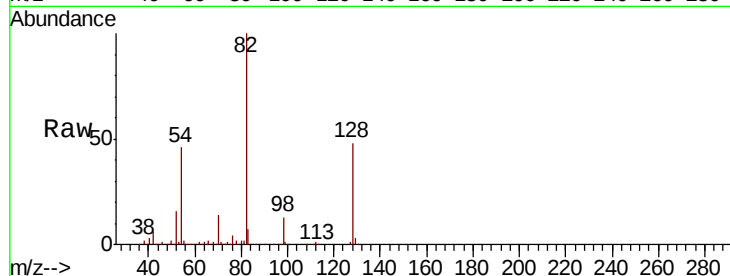
Tot Ion: 82 Resp: 1211023

Ion Ratio Lower Upper

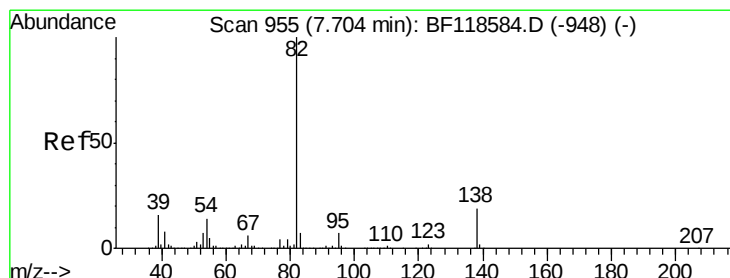
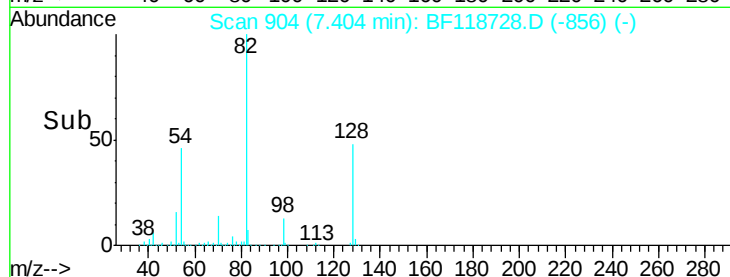
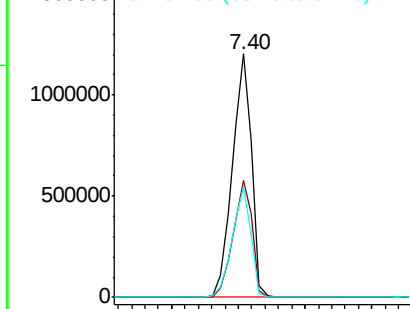
82 100

128 48.2 38.2 57.2

54 45.6 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: 34.132 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

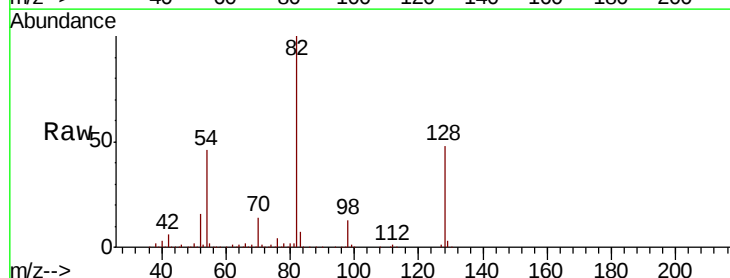
Tgt Ion: 82 Resp: 1208605

Ion Ratio Lower Upper

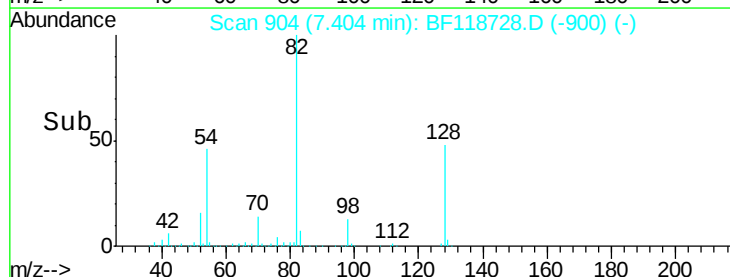
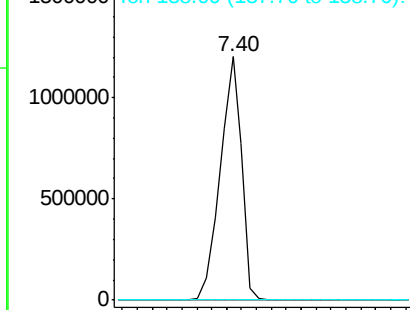
82 100

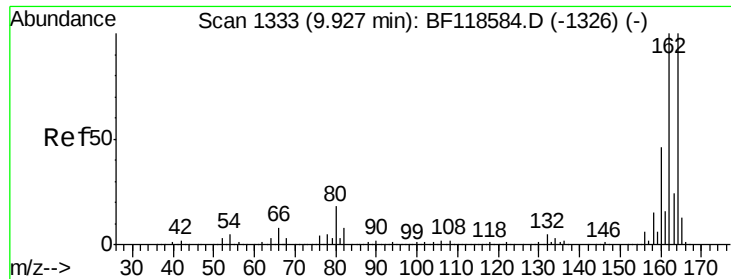
95 0.0 5.8 8.8#

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

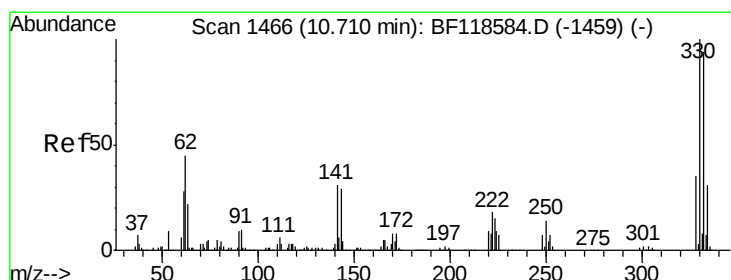
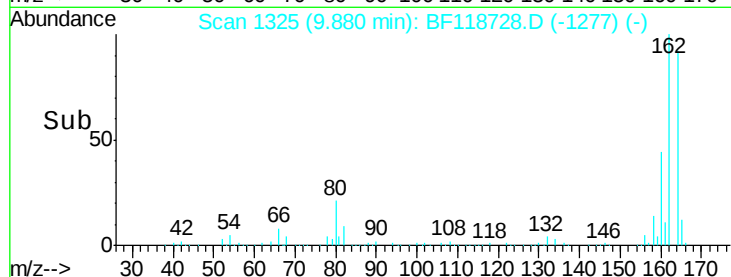
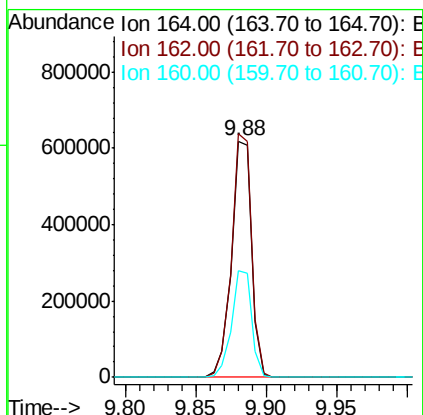
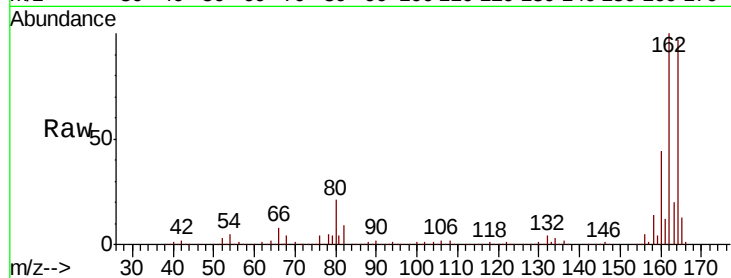




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

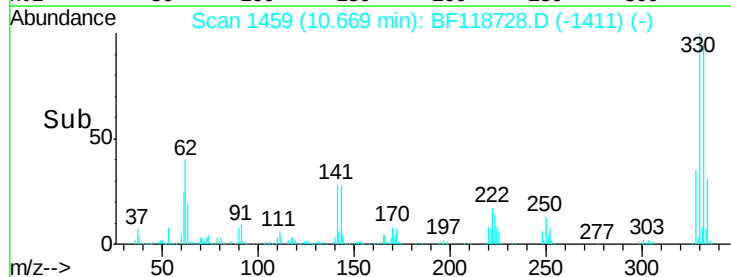
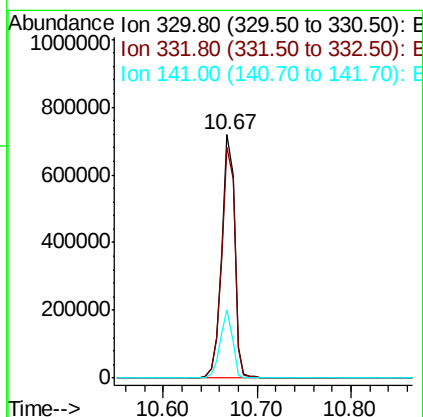
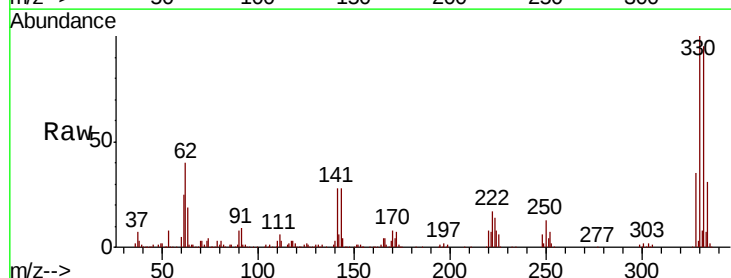
Instrument :
BNA_F
ClientSampleId :

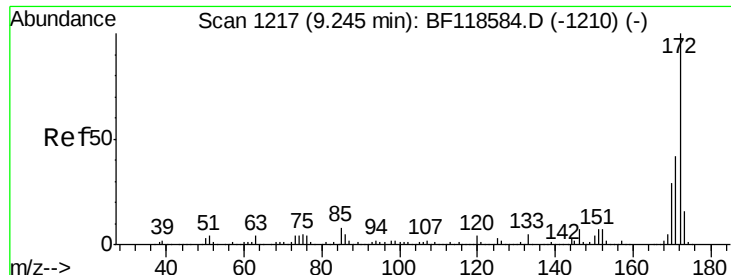
Tot Ion:164 Resp: 611890
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 98.100 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

Tgt Ion:330 Resp: 694279
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 26.8 22.2 33.2

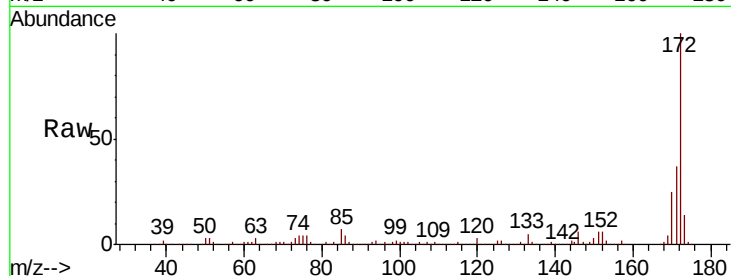




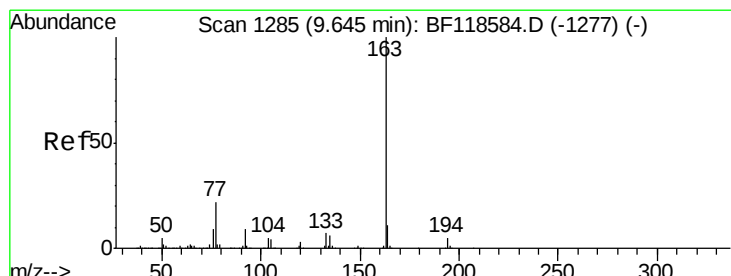
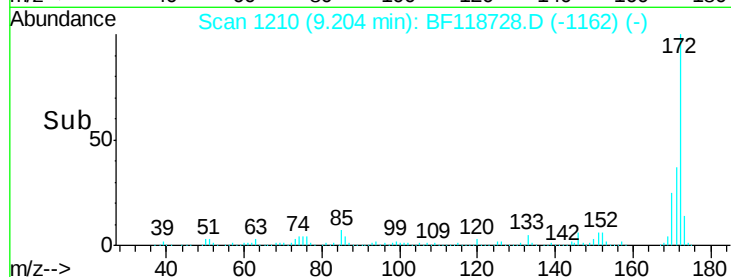
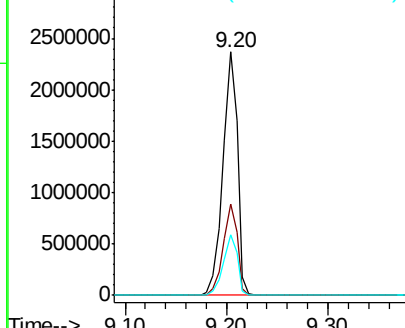
#45
2-Fluorobiphenyl
Concen: 63.243 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2354413
Ion Ratio Lower Upper
172 100
171 37.4 31.0 46.4
170 24.7 20.7 31.1

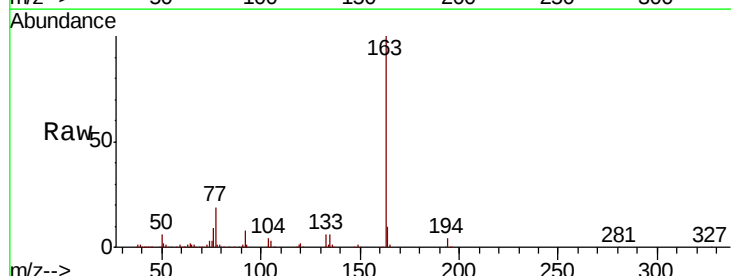


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

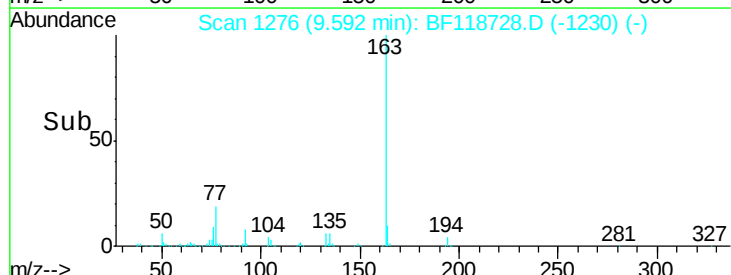
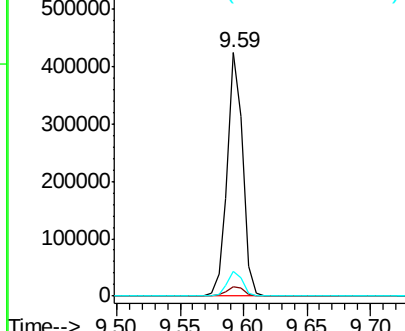


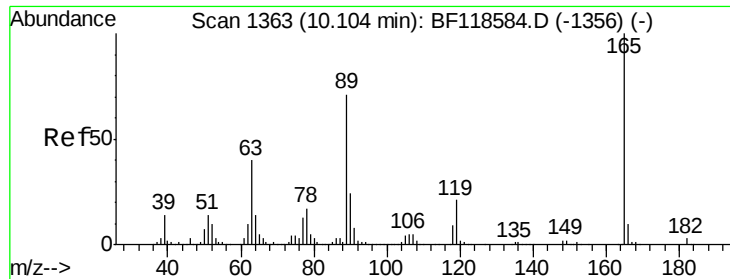
#50
Dimethylphthalate
Concen: 8.985 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

Tgt Ion:163 Resp: 358172
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 10.4 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

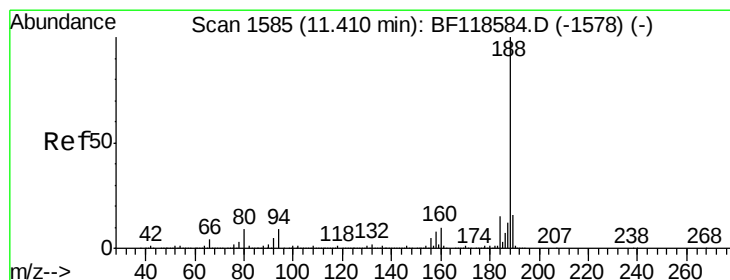
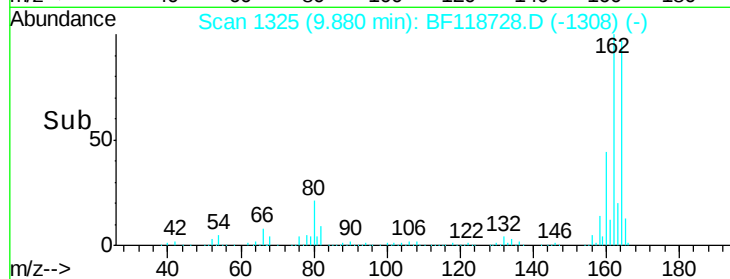
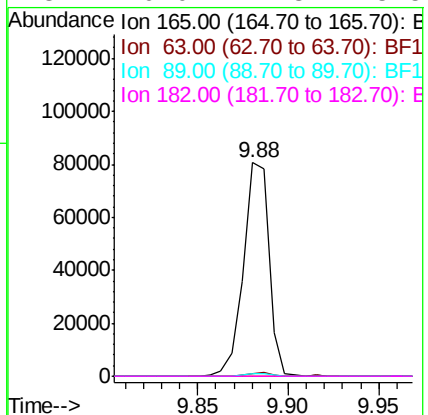
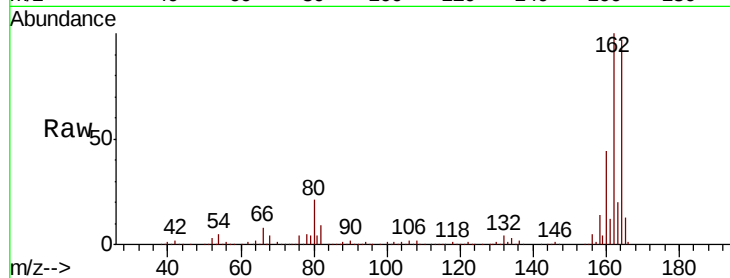




#57
 2,4-Dinitrotoluene
 Concen: 7.026 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118728.D
 Acq: 29 Jan 2020 13:46

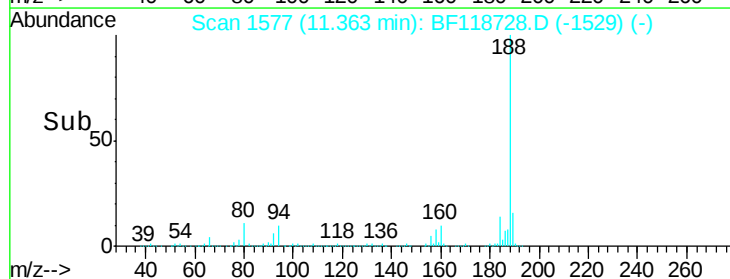
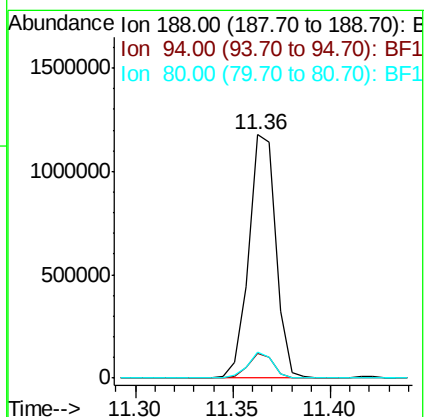
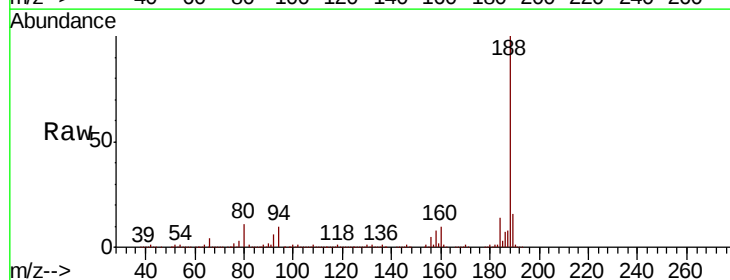
Instrument :
 BNA_F
 ClientSampleId :

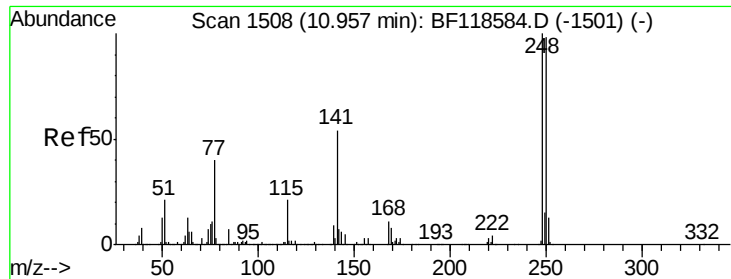
Tot Ion:165 Resp: 79070
 Ion Ratio Lower Upper
 165 100
 63 1.0 28.5 42.7#
 89 1.4 50.4 75.6#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF118728.D
 Acq: 29 Jan 2020 13:46

Tgt Ion:188 Resp: 1130571
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.4 11.2
 80 10.6 7.8 11.8

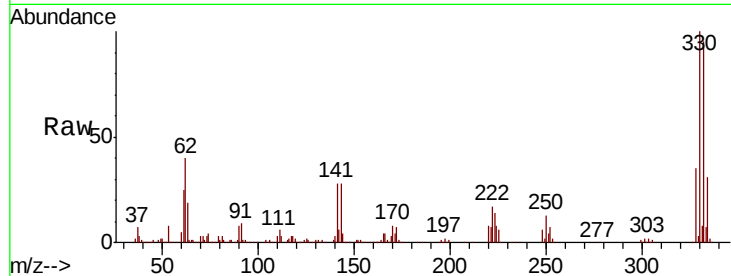




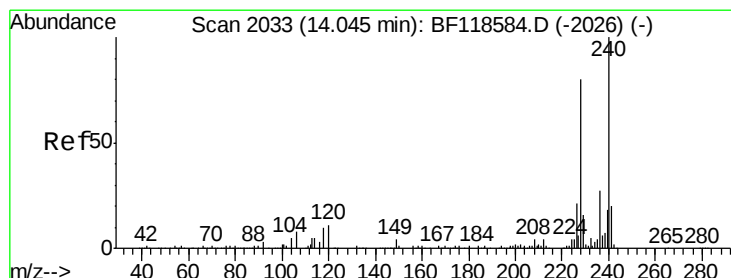
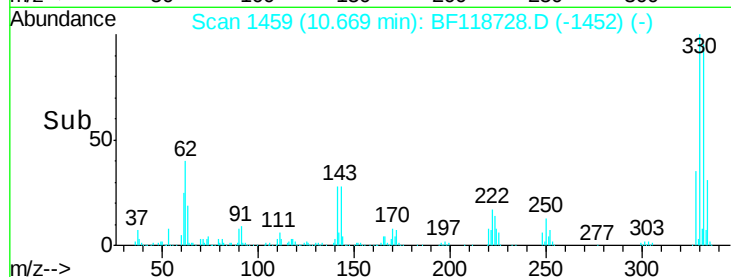
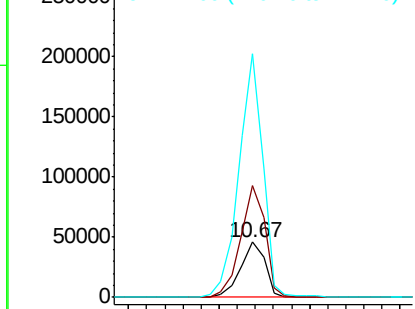
#67
4-Bromophenyl-phenylether
Concen: 3.145 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.26 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 43925
Ion Ratio Lower Upper
248 100
250 200.6 78.7 118.1#
141 439.3 48.4 72.6#

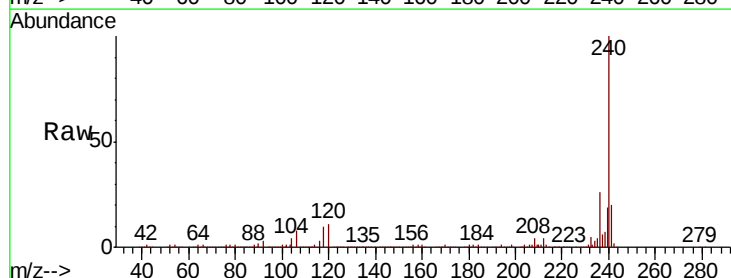


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

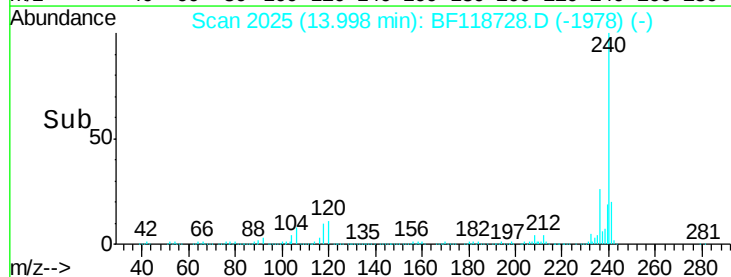
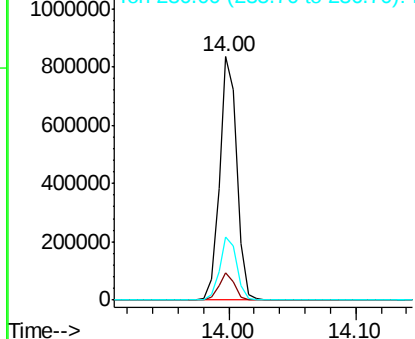


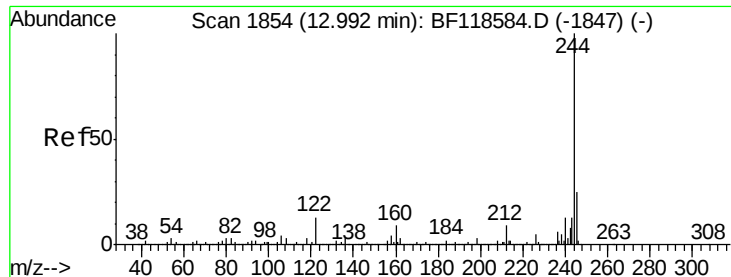
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

Tgt Ion:240 Resp: 793052
Ion Ratio Lower Upper
240 100
120 11.4 7.6 11.4#
236 25.7 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: 73.926 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

Instrument :

BNA_F

ClientSampleId :

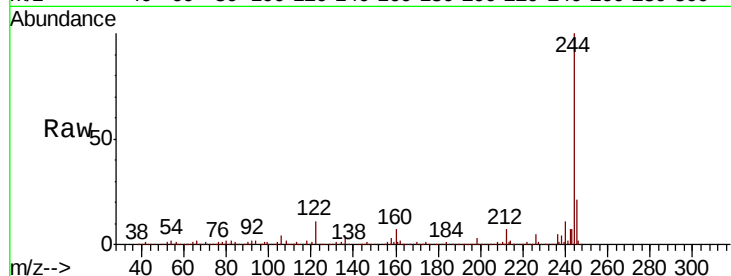
Tot Ion:244 Resp: 2687965

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

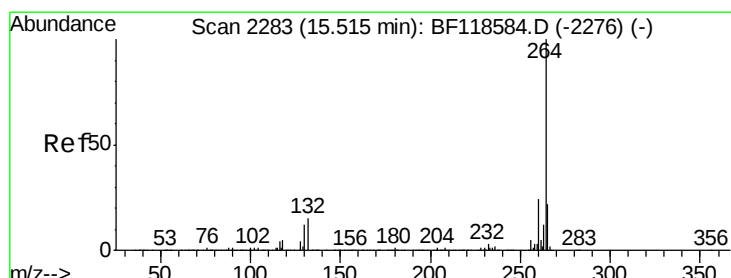
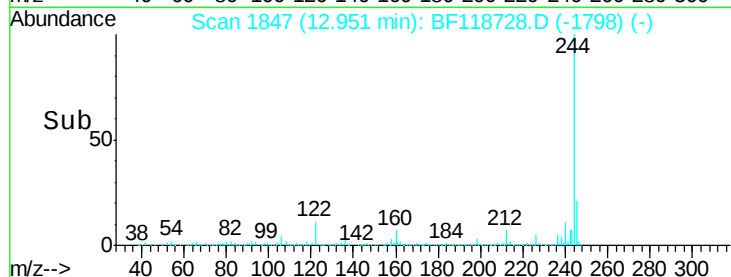
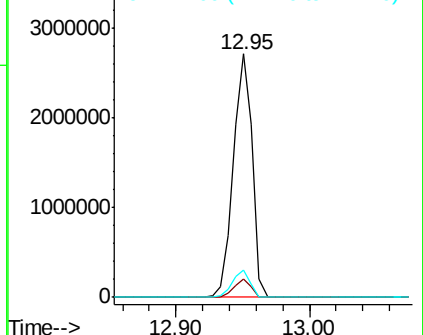
122 11.2 9.2 13.8



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# 2273

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

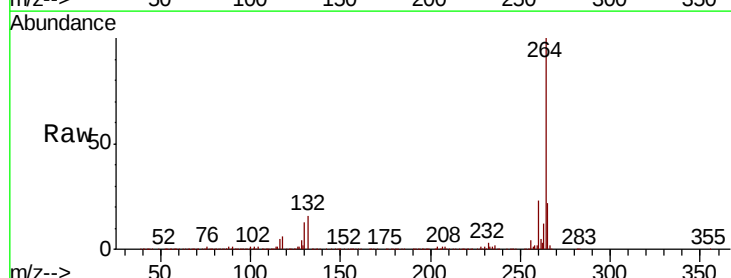
Tgt Ion:264 Resp: 722418

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.7 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

