

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118732.D
 Acq On : 29 Jan 2020 15:36
 Operator : CG/JU
 Sample : L1289-29
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:09:08 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

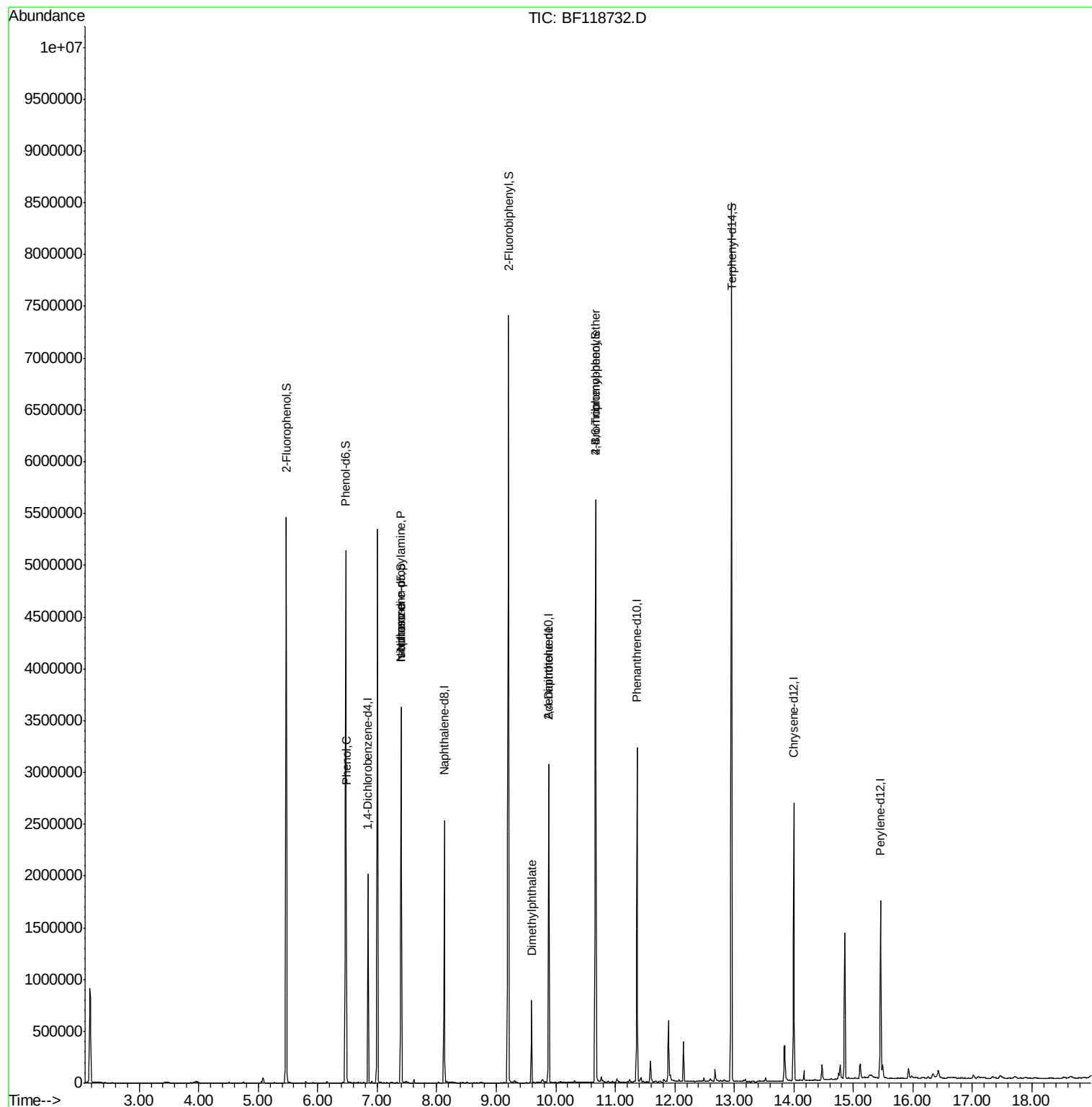
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	313281	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1195355	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	672492	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1284834	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	907474	20.00	ng	-0.02
87) Perylene-d12	15.46	264	800532	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1640132	97.23	ng	0.00
7) Phenol-d6	6.47	99	2039055	93.01	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1317239	61.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	770832	99.10	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2615516	63.92	ng	-0.02
79) Terphenyl-d14	12.95	244	3124234	75.09	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	64448	2.579	ng	89
19) n-Nitroso-di-n-propylamine	7.40	70	177577	11.996	ng	# 77
25) Isophorone	7.40	82	1312610	33.674	ng	# 63
50) Dimethylphthalate	9.59	163	320698	7.320	ng	99
57) 2,4-Dinitrotoluene	9.88	165	88627	7.166	ng	# 29
67) 4-Bromophenyl-phenylether	10.67	248	49218	3.101	ng	# 1

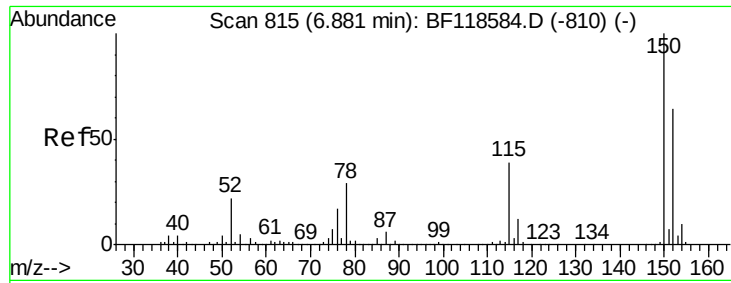
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118732.D
Acq On : 29 Jan 2020 15:36
Operator : CG/JU
Sample : L1289-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 30 00:09:08 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

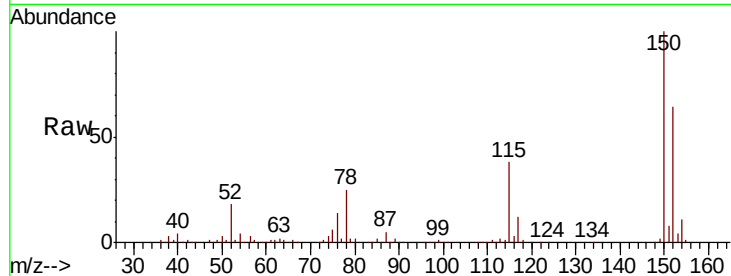




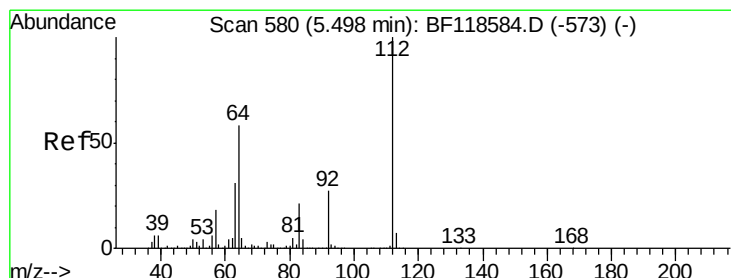
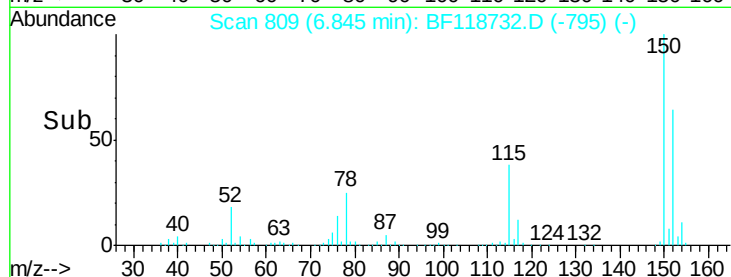
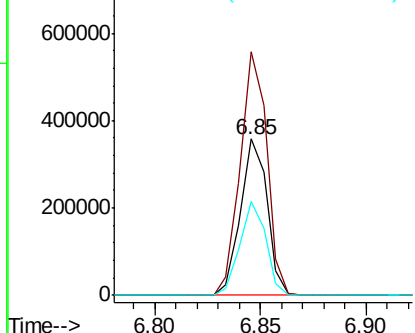
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF118732.D
 Acq: 29 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 313281
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.7 185.5
 115 59.7 45.1 67.7

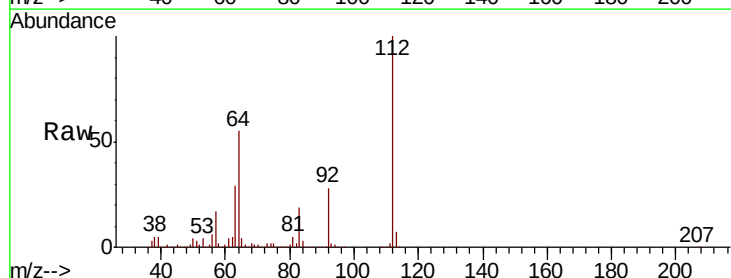


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

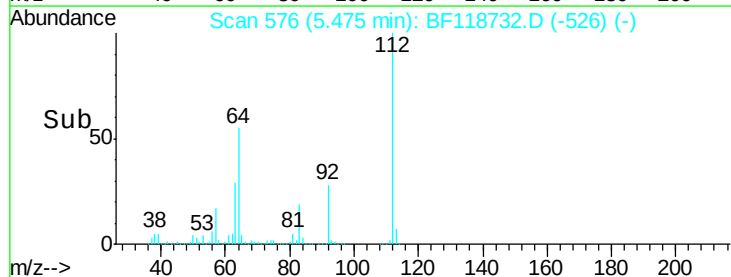
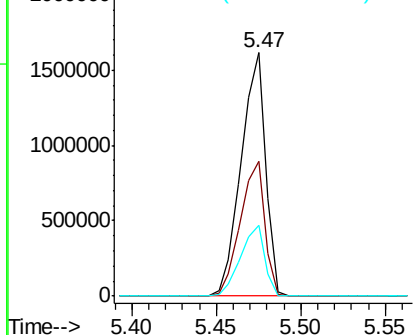


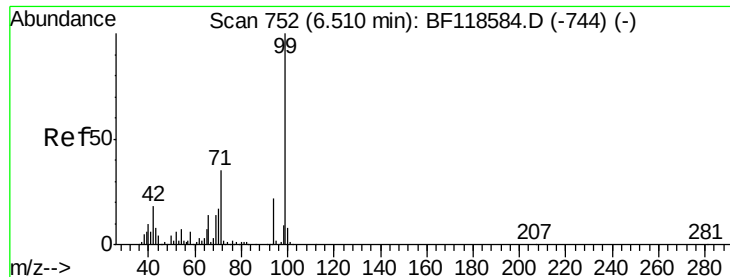
#5
 2-Fluorophenol
 Concen: 97.234 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118732.D
 Acq: 29 Jan 2020 15:36

Tgt Ion:112 Resp: 1640132
 Ion Ratio Lower Upper
 112 100
 64 55.2 42.4 63.6
 63 29.1 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: 93.005 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118732.D

Acq: 29 Jan 2020 15:36

Instrument :

BNA_F

ClientSampled :

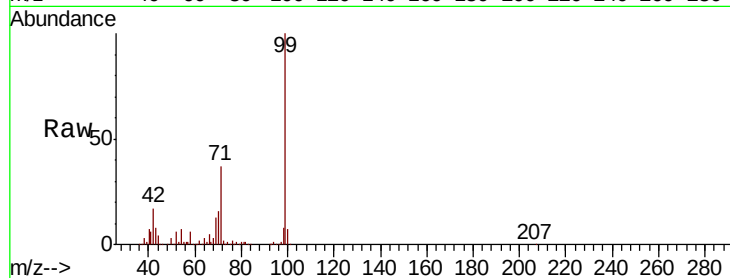
Tot Ion: 99 Resp: 2039055

Ion Ratio Lower Upper

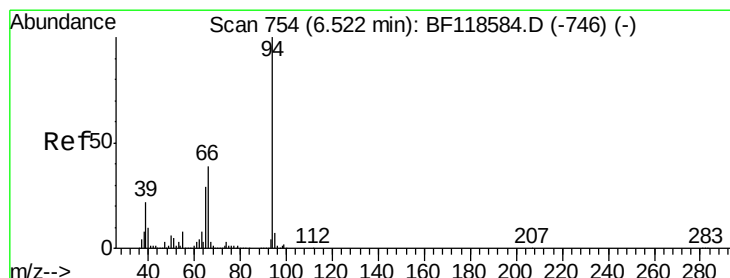
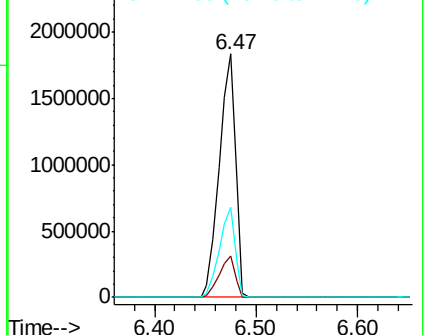
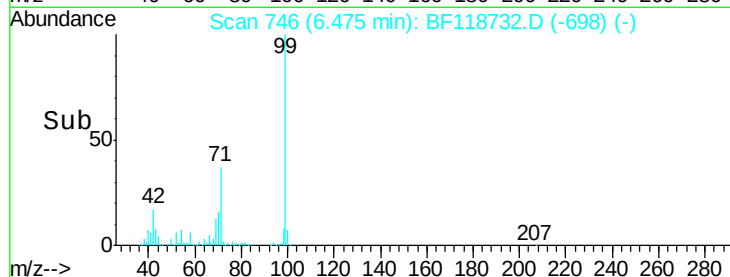
99 100

42 17.2 13.1 19.7

71 36.9 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: 2.579 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118732.D

Acq: 29 Jan 2020 15:36

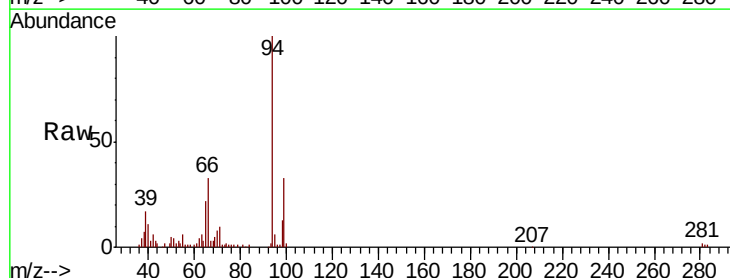
Tgt Ion: 94 Resp: 64448

Ion Ratio Lower Upper

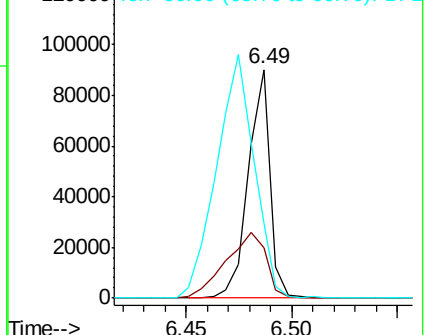
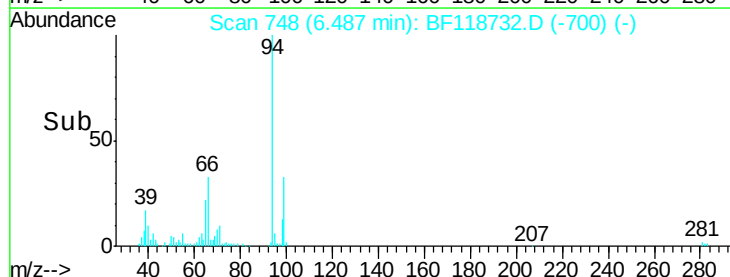
94 100

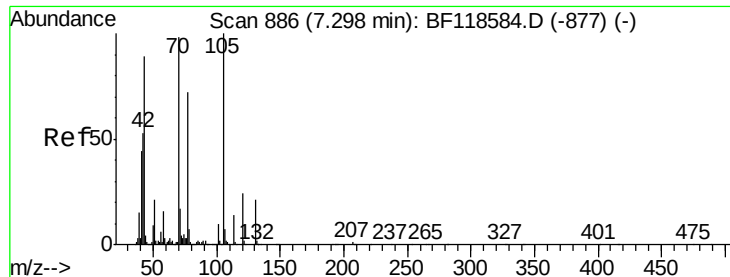
65 22.1 7.9 47.9

66 32.6 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

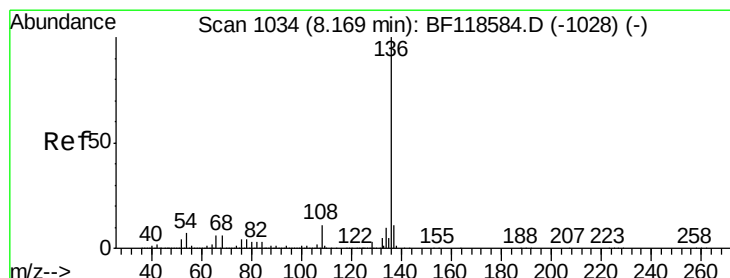
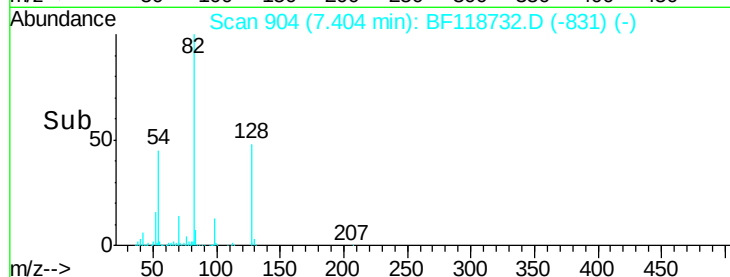
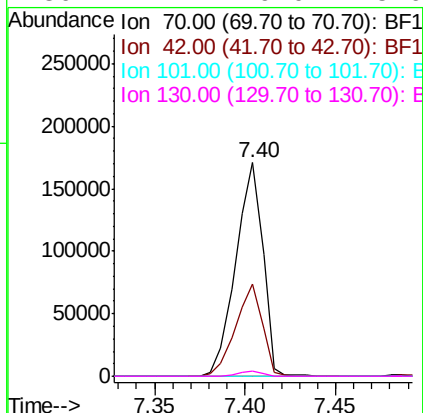
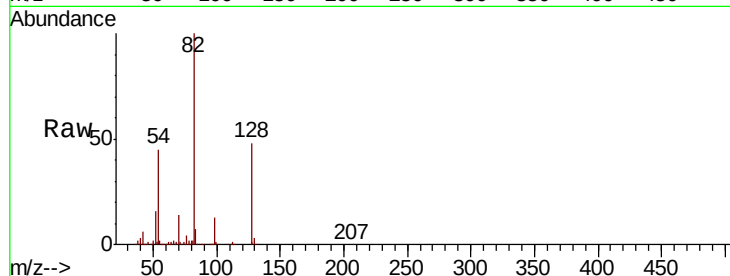




#19
n-Nitroso-di-n-propylamine
Concen: 11.996 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.13 min
Lab File: BF118732.D
Acq: 29 Jan 2020 15:36

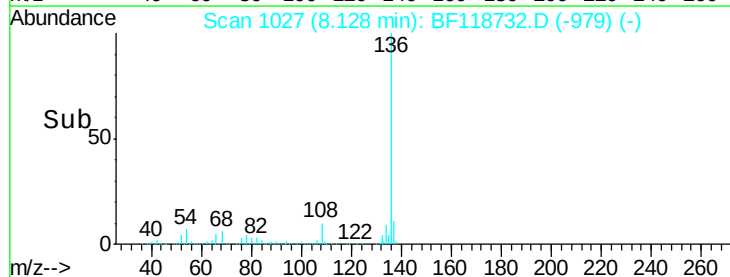
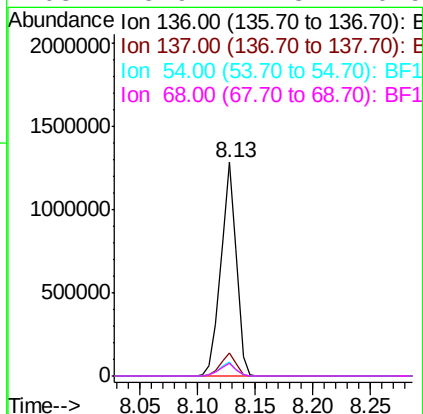
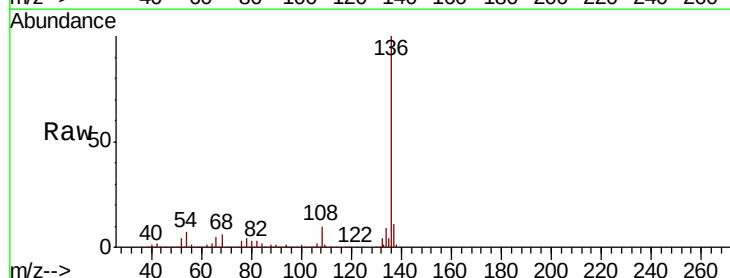
Instrument :
BNA_F
ClientSampled :

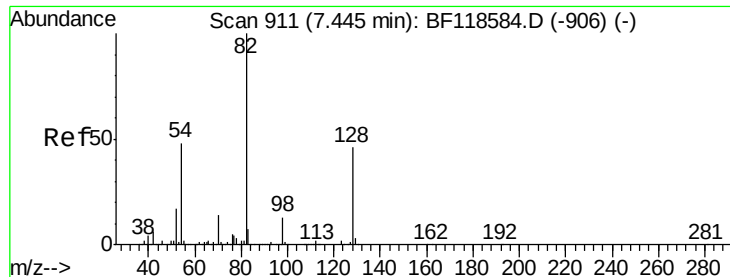
Tot Ion: 70 Resp: 177577
Ion Ratio Lower Upper
70 100
42 43.4 41.6 62.4
101 0.0 7.9 11.9#
130 2.4 19.0 28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118732.D
Acq: 29 Jan 2020 15:36

Tgt Ion:136 Resp: 1195355
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 5.1 7.7
68 5.9 4.3 6.5

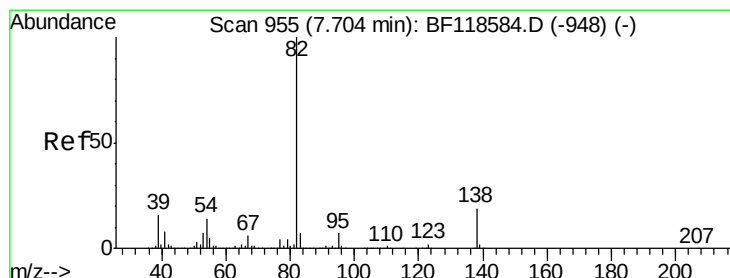
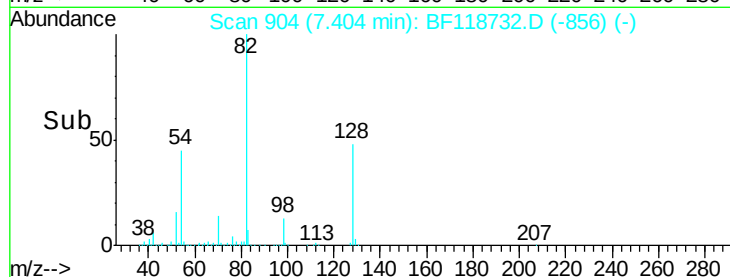
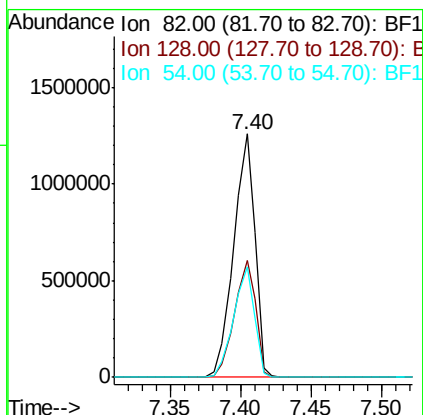
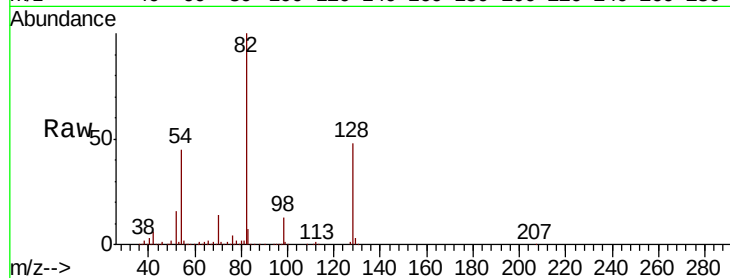




#23
Nitrobenzene-d5
Concen: 61.637 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF118732.D
Acq: 29 Jan 2020 15:36

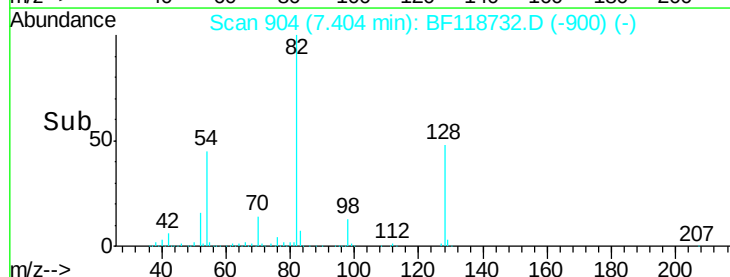
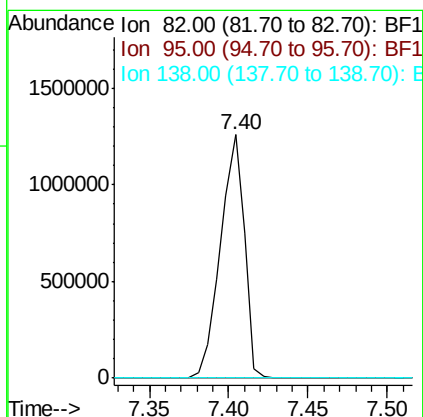
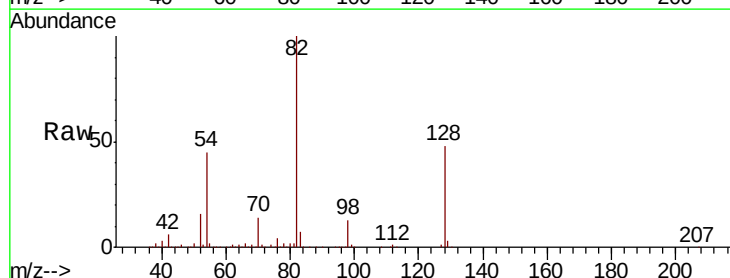
Instrument :
BNA_F
ClientSampleId :

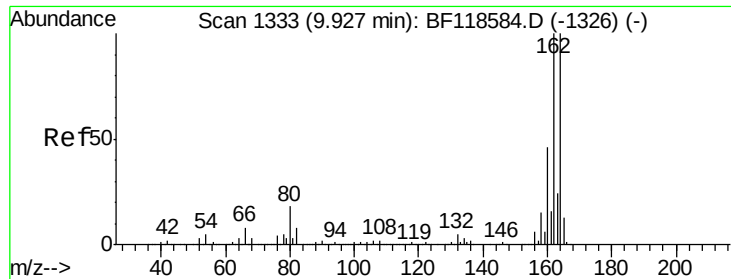
Tot Ion: 82 Resp: 1317239
Ion Ratio Lower Upper
82 100
128 47.9 38.2 57.2
54 45.5 36.1 54.1



#25
Isophorone
Concen: 33.674 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF118732.D
Acq: 29 Jan 2020 15:36

Tgt Ion: 82 Resp: 1312610
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#

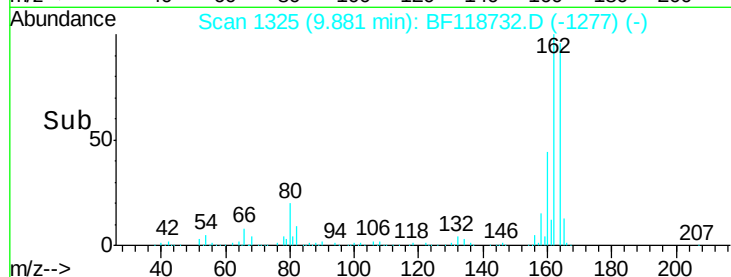
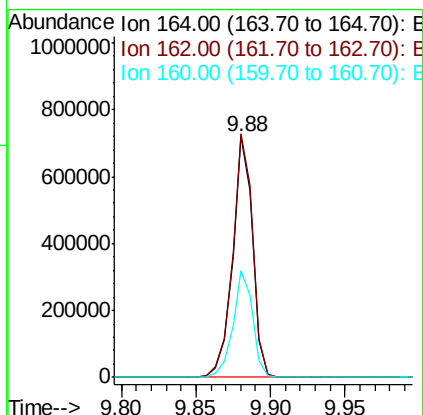
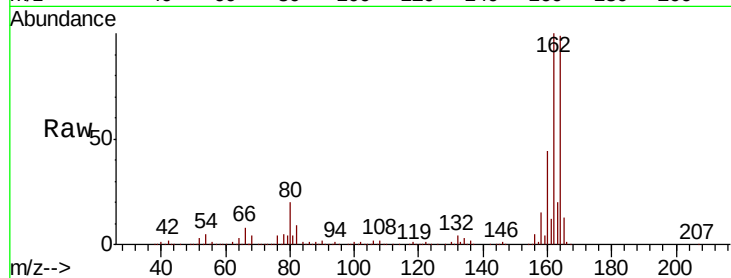




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF118732.D
 Acq: 29 Jan 2020 15:36

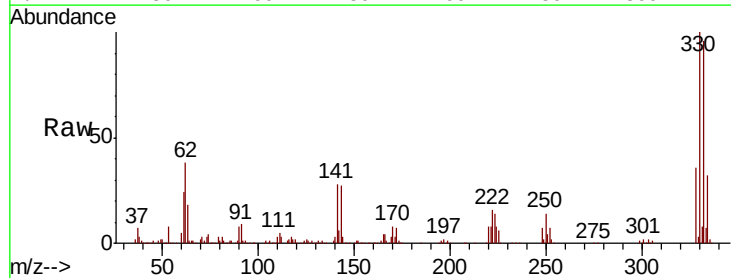
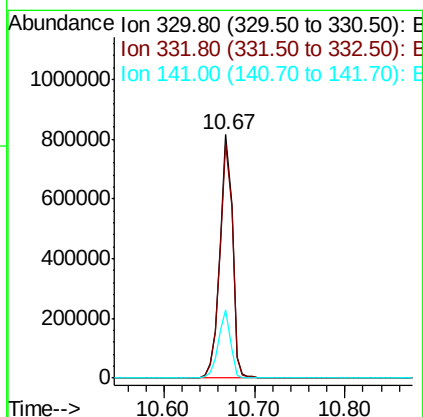
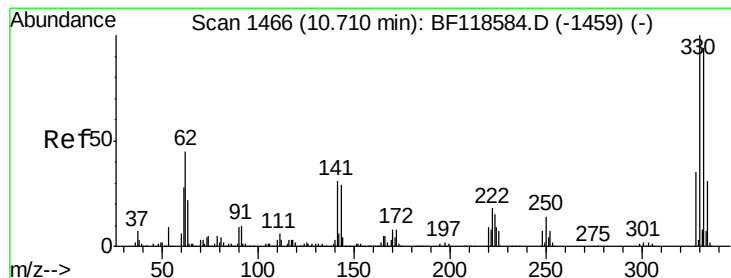
Instrument :
 BNA_F
 ClientSampleId :

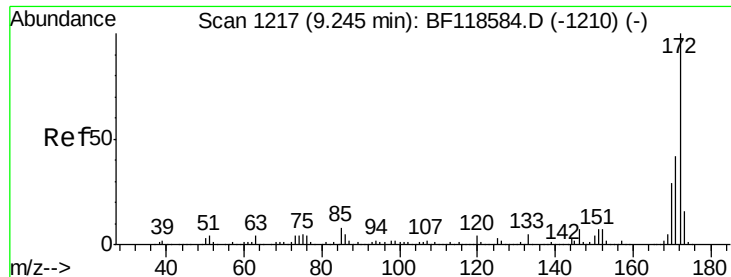
Tot Ion:164 Resp: 672492
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.8 121.2
 160 44.5 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 99.101 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118732.D
 Acq: 29 Jan 2020 15:36

Tgt Ion:330 Resp: 770832
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.6 116.4
 141 27.2 22.2 33.2

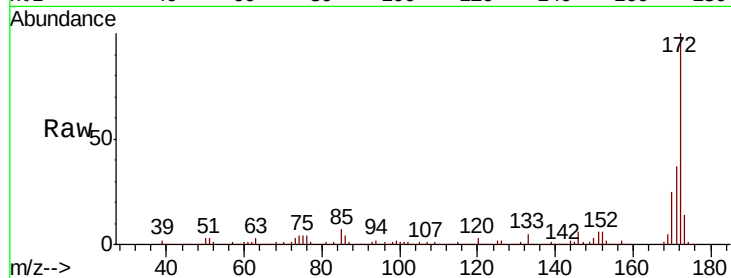




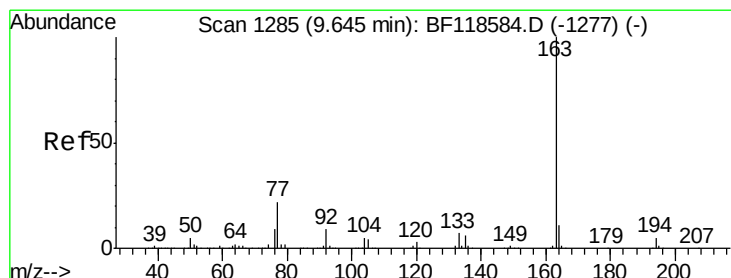
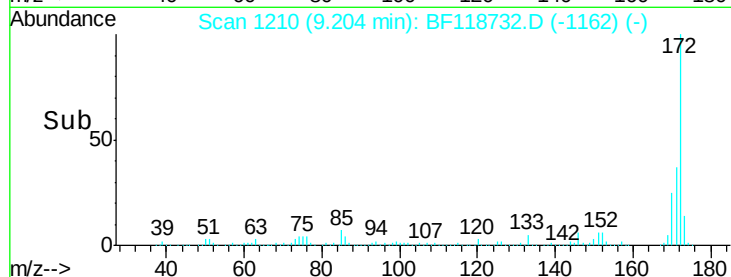
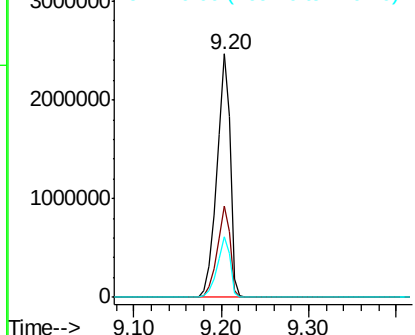
#45
2-Fluorobiphenyl
Concen: 63.925 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118732.D
Acq: 29 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2615516
Ion Ratio Lower Upper
172 100
171 37.4 31.0 46.4
170 24.9 20.7 31.1

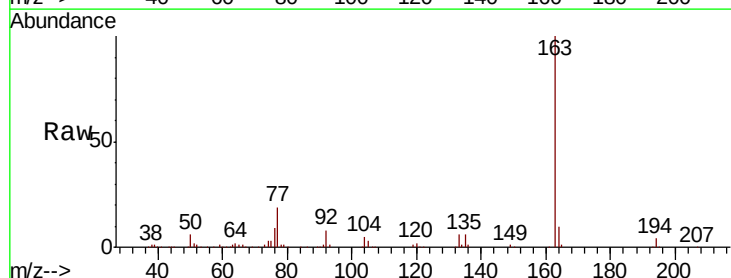


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

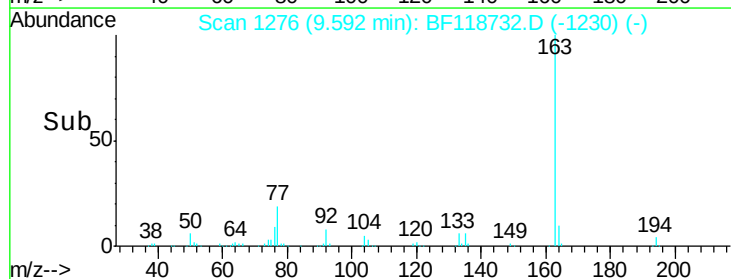
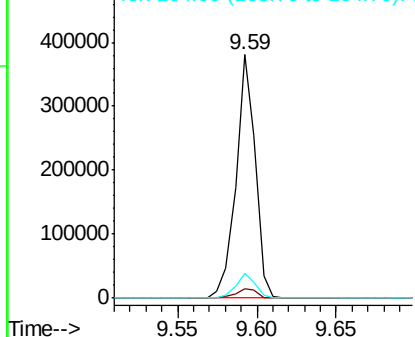


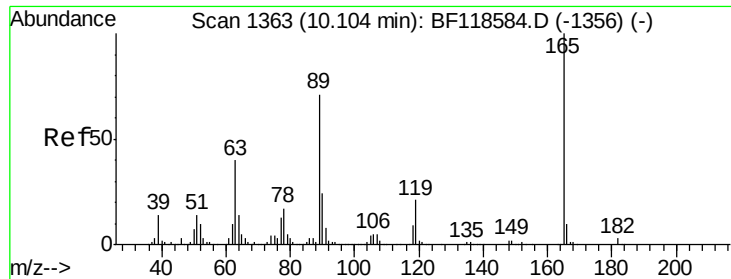
#50
Dimethylphthalate
Concen: 7.320 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118732.D
Acq: 29 Jan 2020 15:36

Tgt Ion:163 Resp: 320698
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 10.3 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

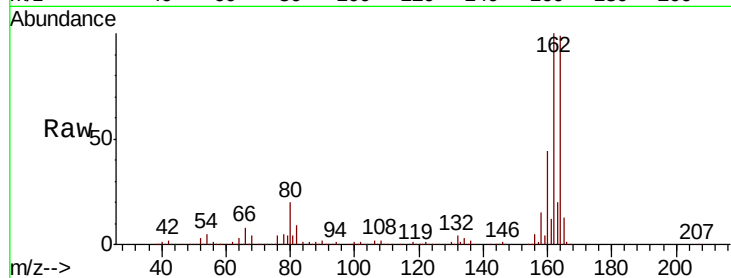




#57
 2,4-Dinitrotoluene
 Concen: 7.166 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118732.D
 Acq: 29 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	88627
Ion Ratio	Lower	Upper
165	100	
63	1.0	28.5 42.7#
89	0.9	50.4 75.6#
182	0.0	2.3 3.5#

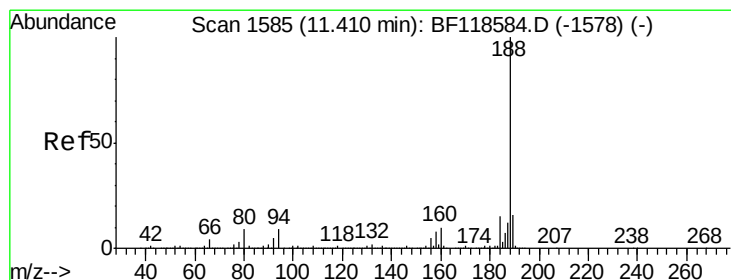
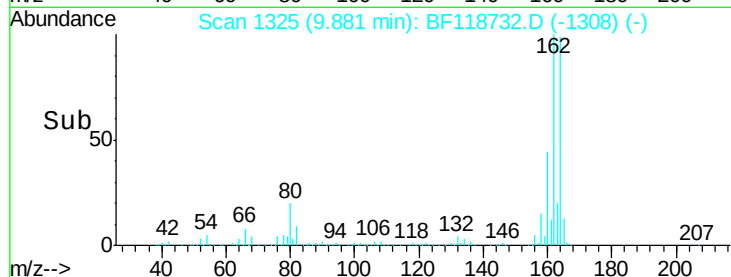
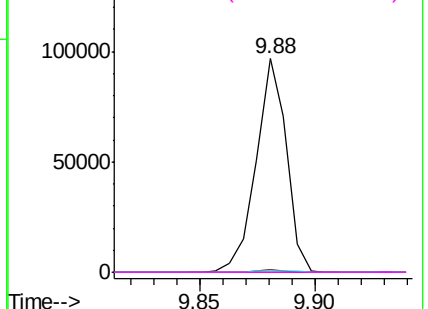


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

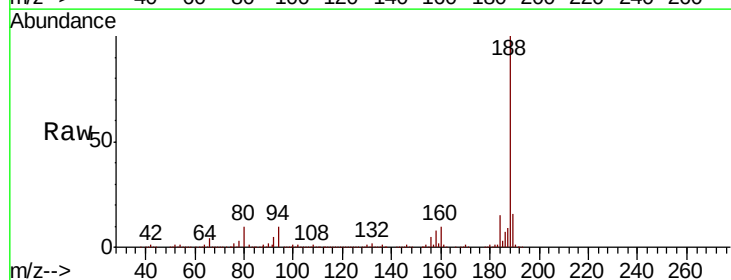
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF118732.D
 Acq: 29 Jan 2020 15:36

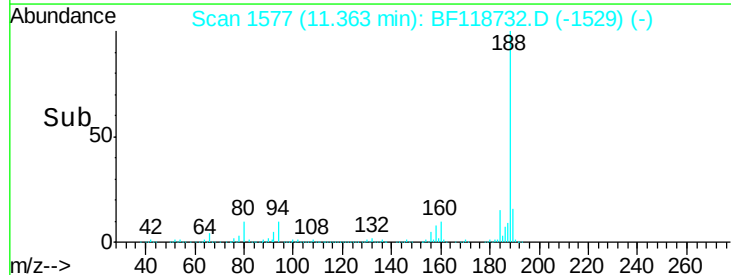
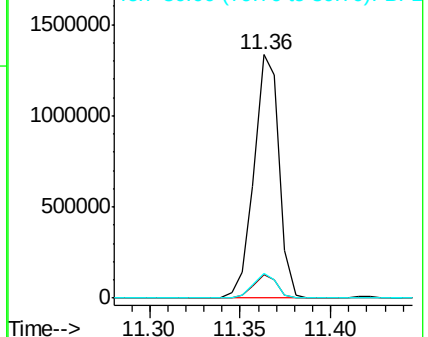
Tgt Ion:188	Resp:	1284834
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.4 11.2
80	10.4	7.8 11.8

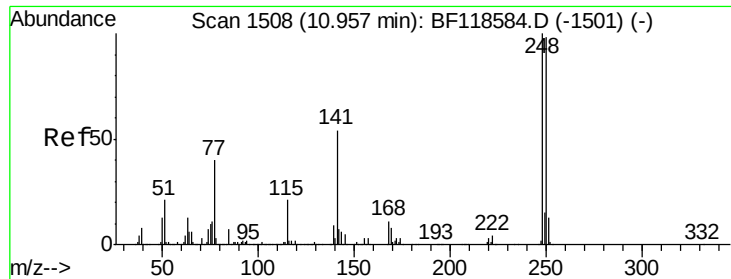


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

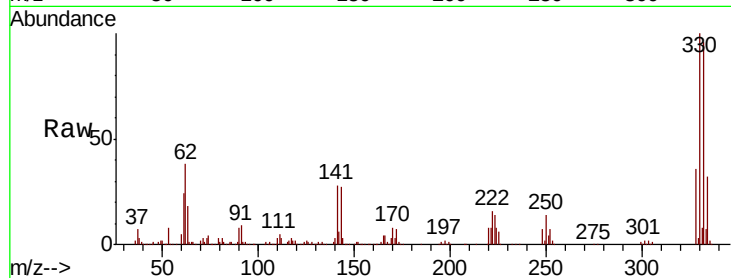




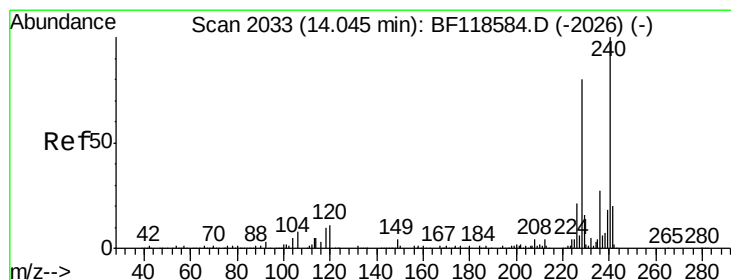
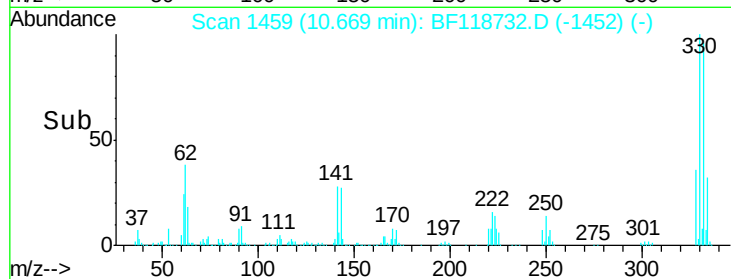
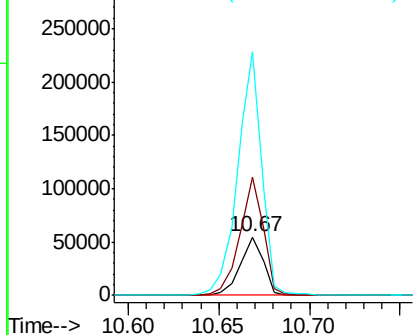
#67
4-Bromophenyl-phenylether
Concen: 3.101 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.26 min
Lab File: BF118732.D
Acq: 29 Jan 2020 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 49218
Ion Ratio Lower Upper
248 100
250 203.2 78.7 118.1#
141 419.3 48.4 72.6#

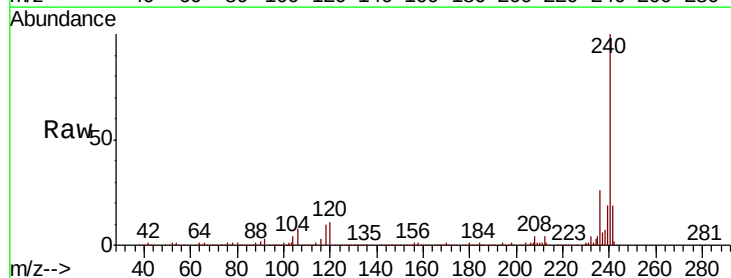


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

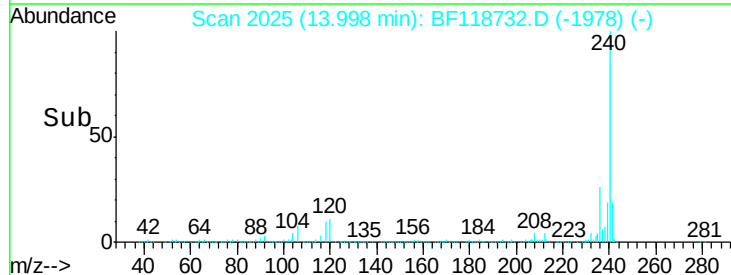
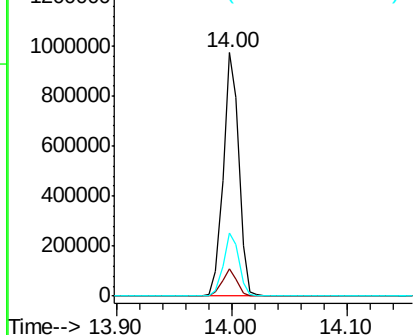


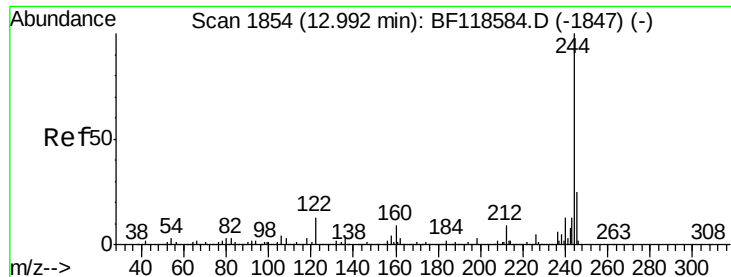
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118732.D
Acq: 29 Jan 2020 15:36

Tgt Ion:240 Resp: 907474
Ion Ratio Lower Upper
240 100
120 11.0 7.6 11.4
236 25.8 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: 75.090 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118732.D

Acq: 29 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

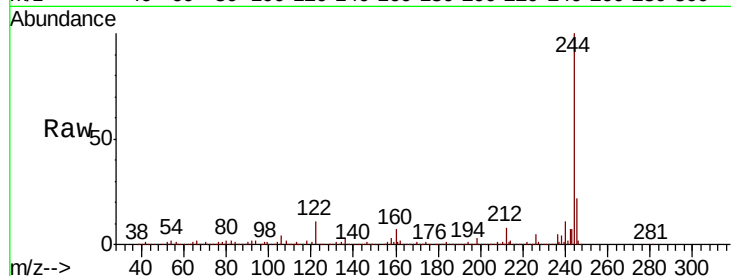
Tot Ion:244 Resp: 3124234

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

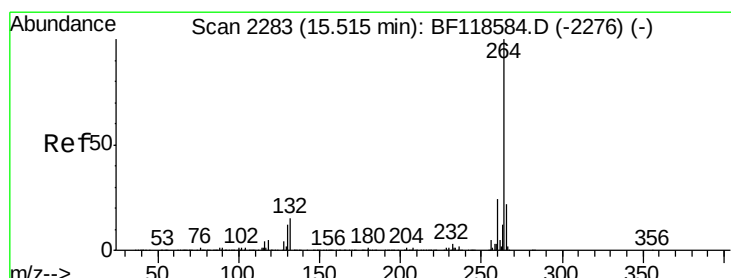
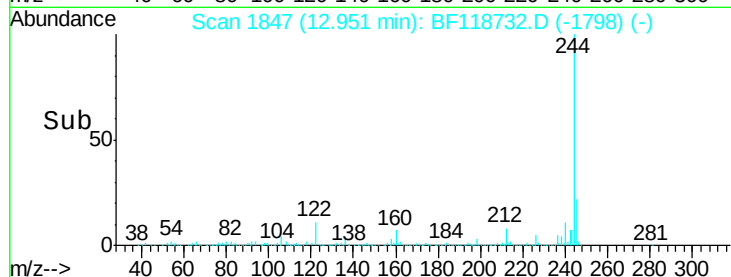
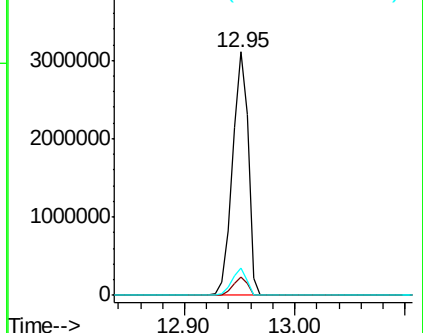
122 11.0 9.2 13.8



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: BF118732.D

Acq: 29 Jan 2020 15:36

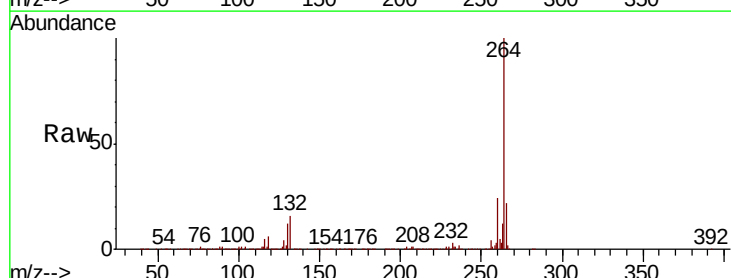
Tgt Ion:264 Resp: 800532

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.0 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

