

Data File : BF118689.D
Acq On : 24 Jan 2020 16:52
Operator : CG/JU
Sample : L1246-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

Quant Time: Jan 27 01:02:12 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 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	278633	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	1026773	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	564743	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	980739	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	614542	20.00	ng	-0.04
87) Perylene-d12	15.47	264	662851	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1500260	100.00	ng	-0.02
7) Phenol-d6	6.49	99	1854926	95.13	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1188382	64.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	594636	91.03	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	2250991	65.51	ng	-0.03
79) Terphenyl-d14	12.96	244	2332355	82.78	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	97193	4.374	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	160720	12.207	ng	# 75
25) Isophorone	7.42	82	1183607	35.350	ng	# 64
50) Dimethylphthalate	9.61	163	475337	12.919	ng	98
57) 2,4-Dinitrotoluene	9.90	165	74091	7.133	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	38173	3.150	ng	# 1

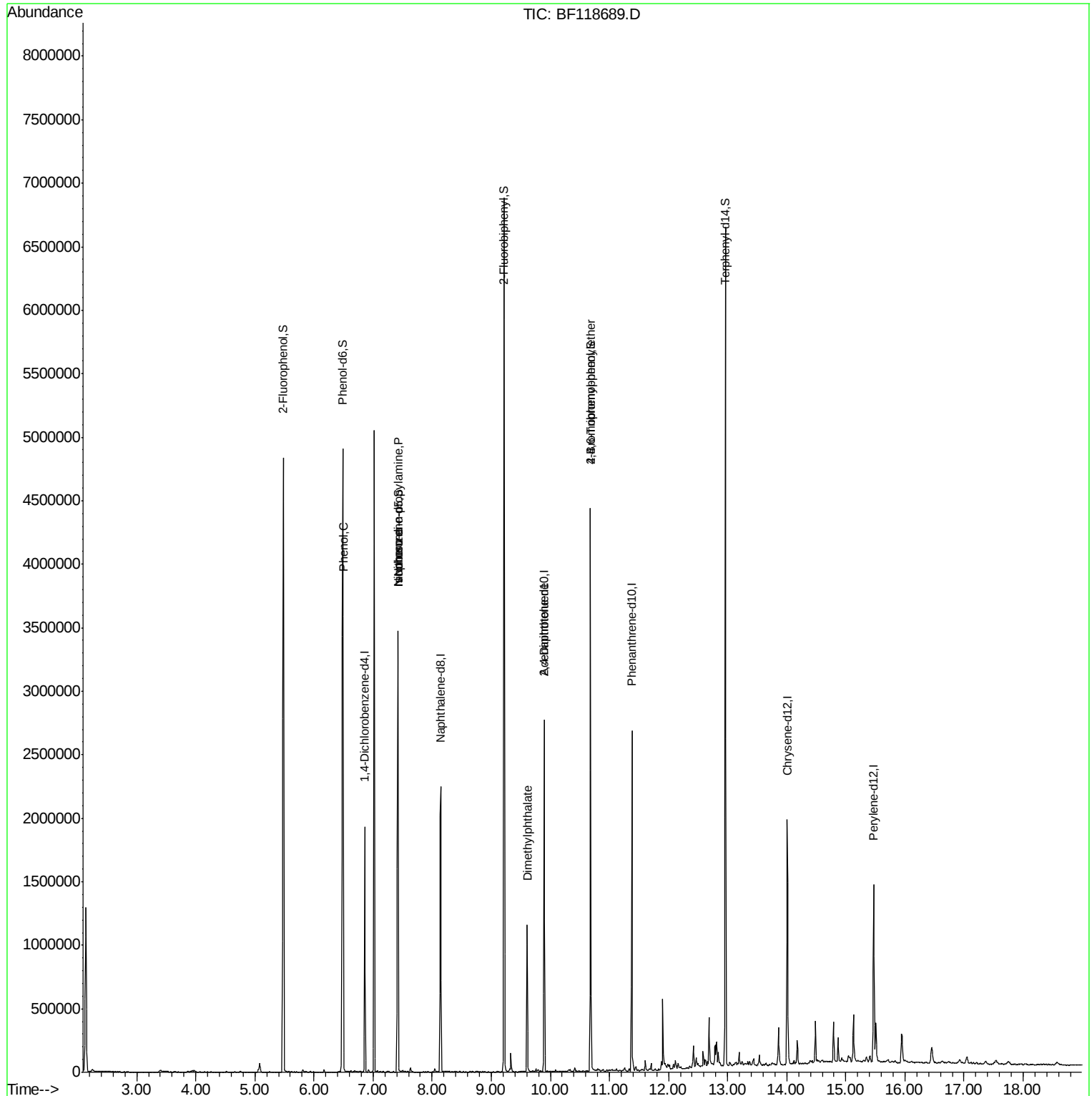
(#) = qualifier out of range (m) = manual integration (+) = signals summed

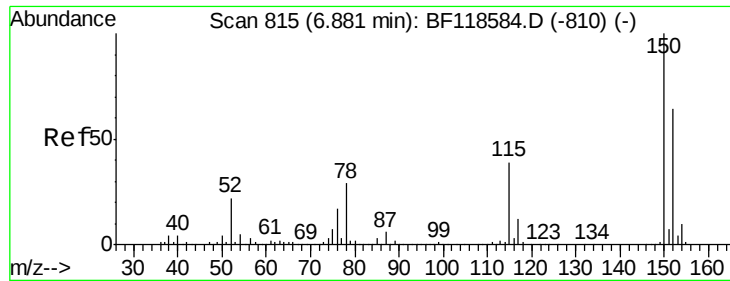
Data File : BF118689.D

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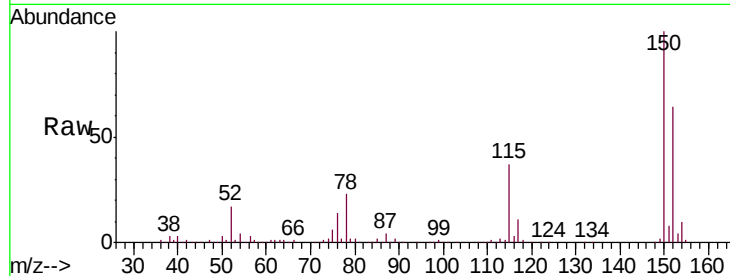




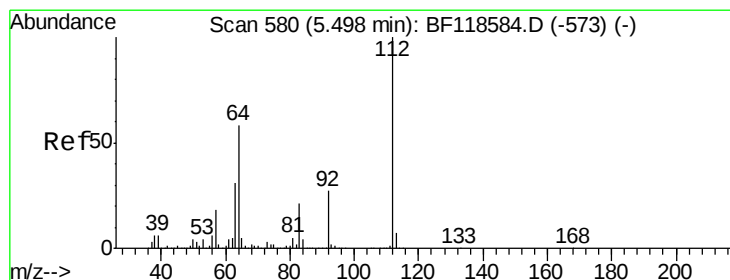
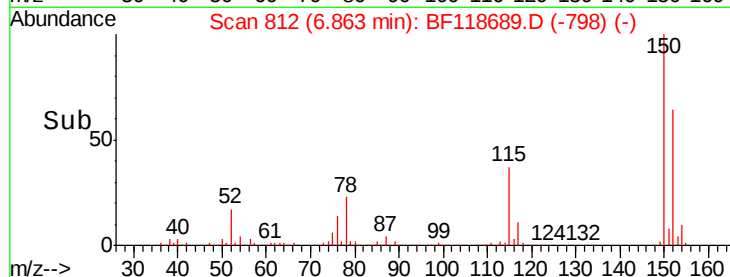
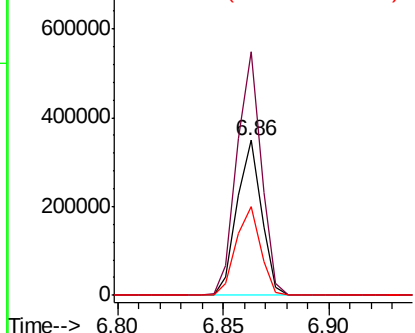
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF118689.D
 Acq: 24 Jan 2020 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:152 Resp: 278633
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.6 188.4
 115 57.5 48.4 72.6

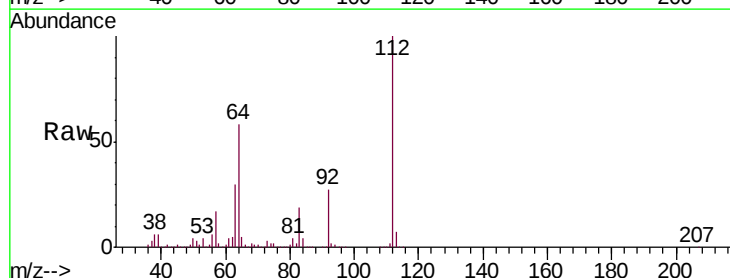


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

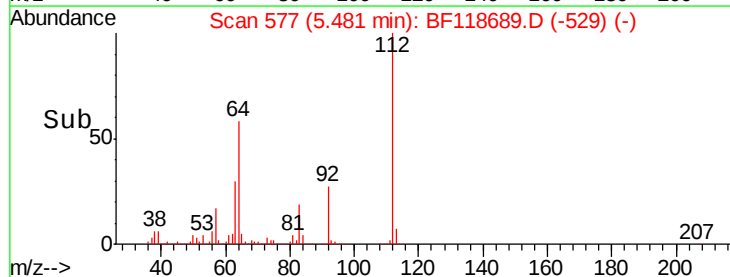
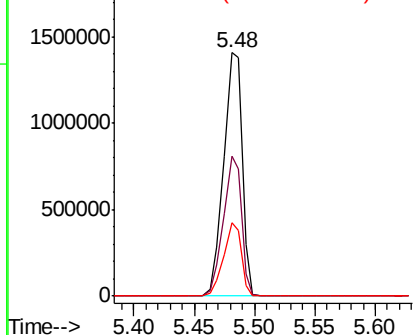


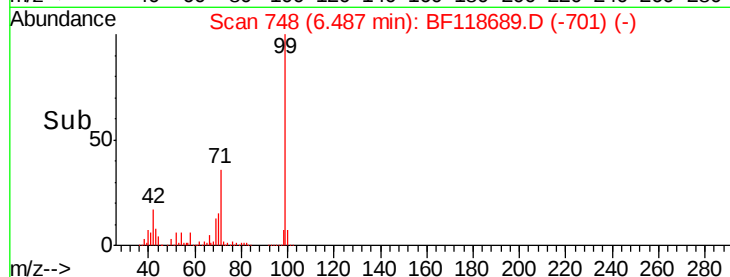
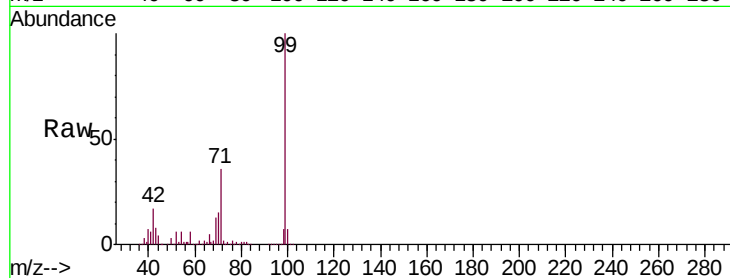
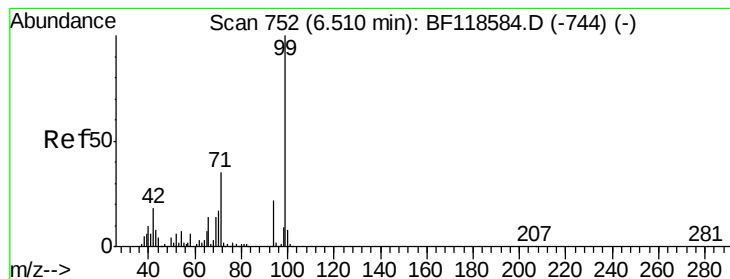
#5
 2-Fluorophenol
 Concen: 100.001 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF118689.D
 Acq: 24 Jan 2020 16:52

Tgt Ion:112 Resp: 1500260
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.6 70.0
 63 29.9 25.1 37.7



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: 95.128 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

Instrument :

BNA_F

ClientSampleId :

SP-3

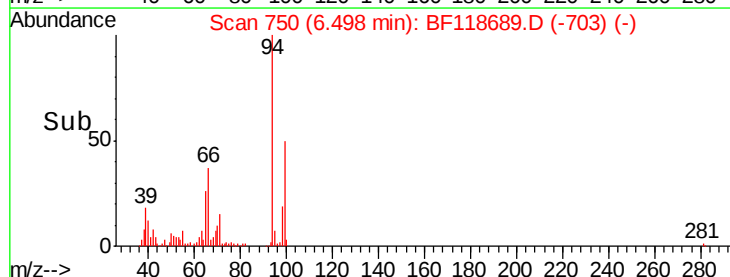
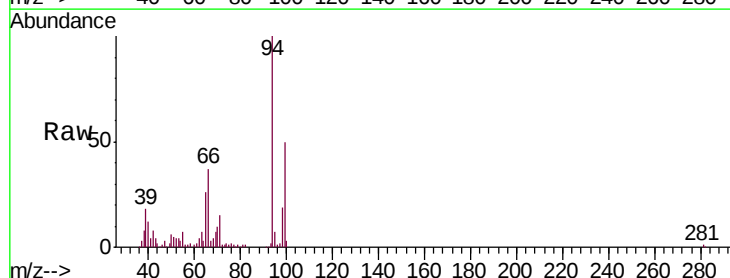
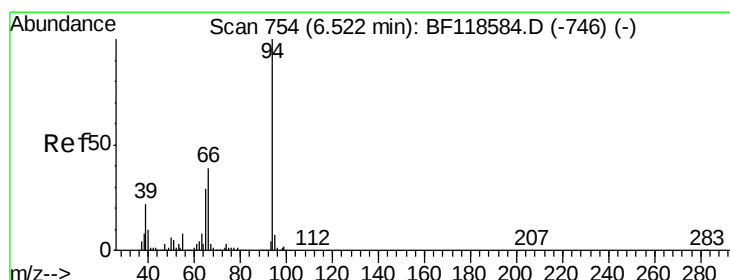
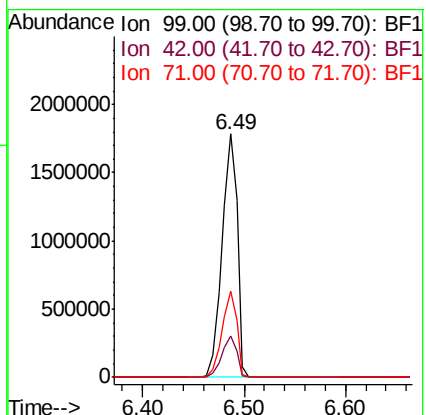
Tgt Ion: 99 Resp: 1854926

Ion Ratio Lower Upper

99 100

42 16.9 14.2 21.2

71 35.6 27.8 41.6



#10

Phenol

Concen: 4.374 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

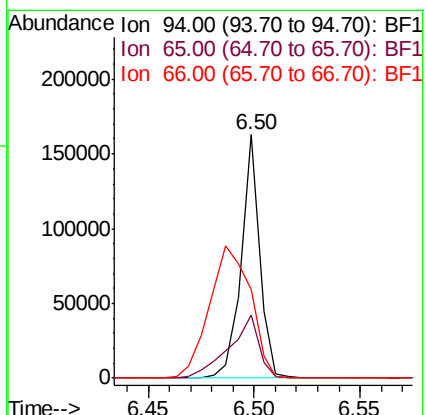
Tgt Ion: 94 Resp: 97193

Ion Ratio Lower Upper

94 100

65 25.9 9.5 49.5

66 36.5 18.5 58.5

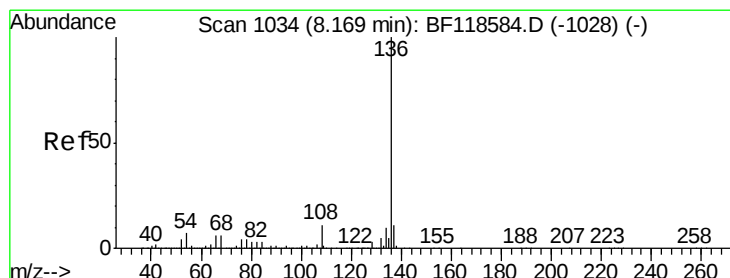
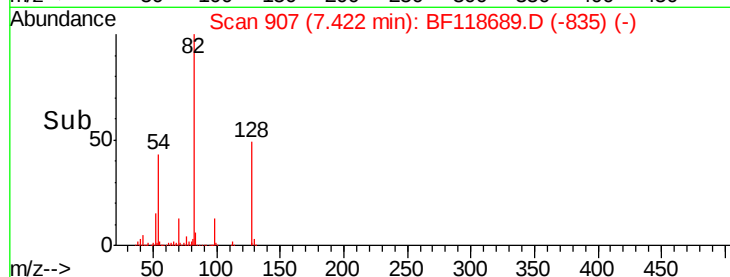
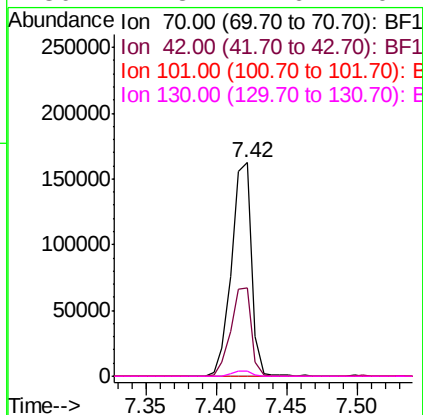
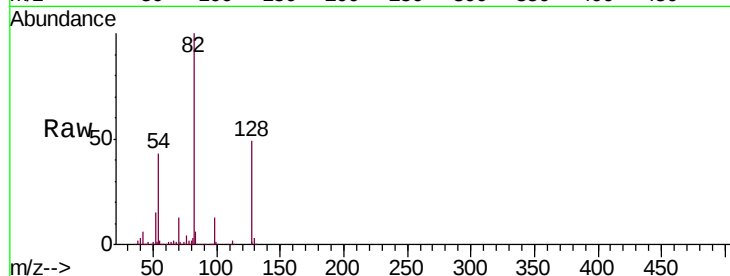




#19
n-Nitroso-di-n-propylamine
Concen: 12.207 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

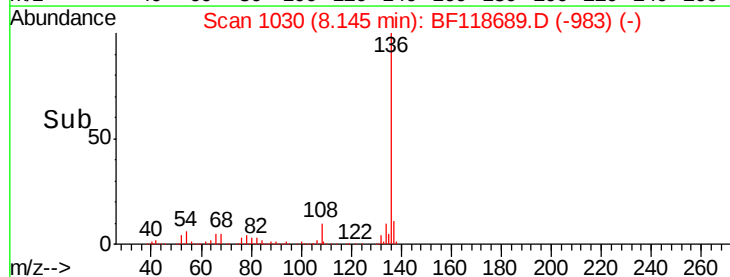
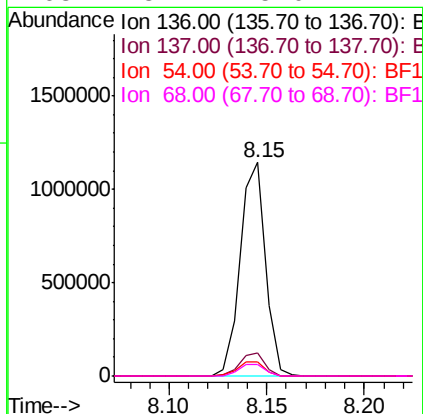
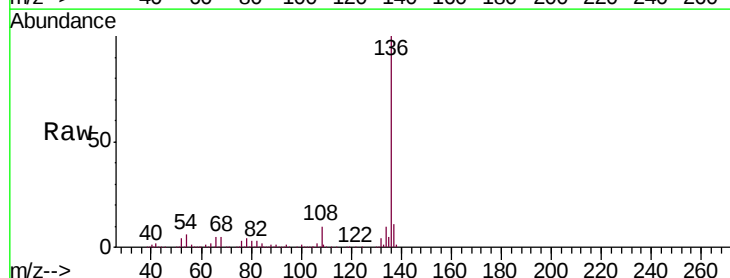
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:	70	Resp:	160720
Ion	Ratio	Lower	Upper
70	100		
42	41.3	43.4	65.0#
101	0.0	8.1	12.1#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

Tgt Ion:	136	Resp:	1026773
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.3	5.8	8.6
68	5.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 64.738 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

Instrument :

BNA_F

ClientSampleId :

SP-3

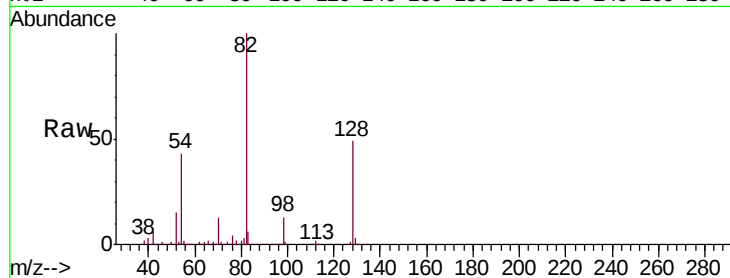
Tgt Ion: 82 Resp: 1188382

Ion Ratio Lower Upper

82 100

128 48.9 36.6 54.8

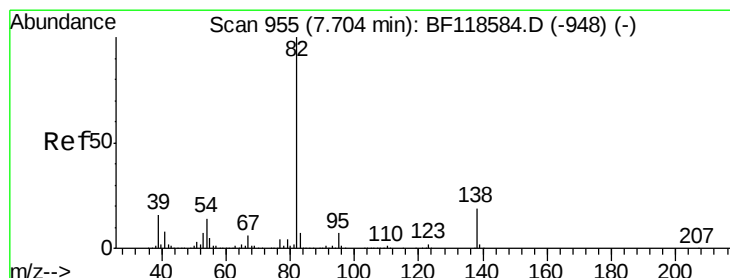
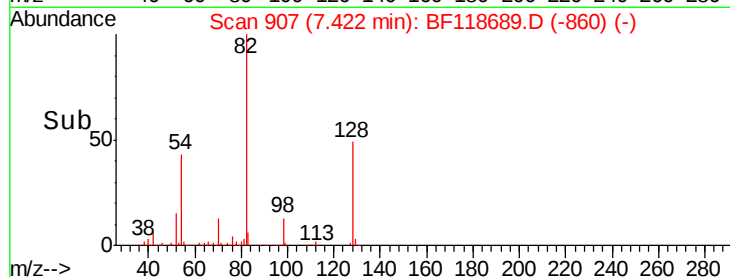
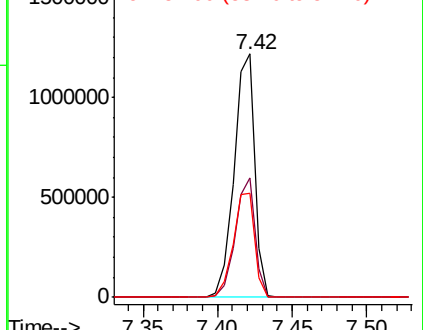
54 42.9 38.0 57.0



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: 35.350 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

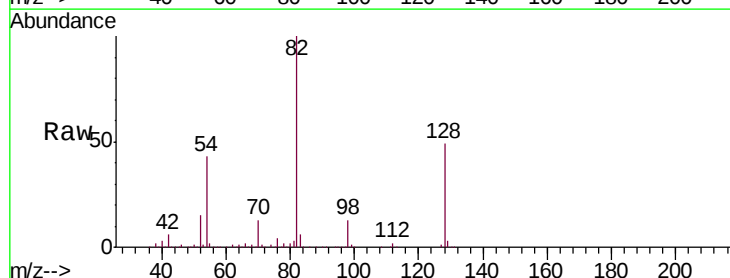
Tgt Ion: 82 Resp: 1183607

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

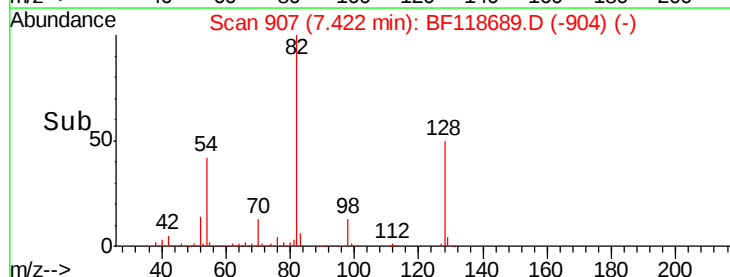
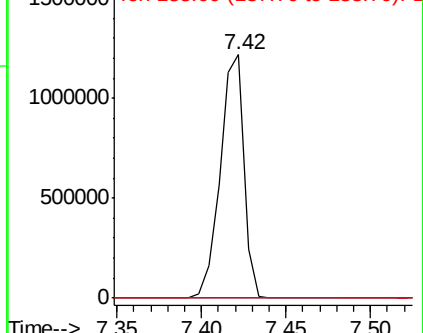
138 0.0 15.3 22.9#

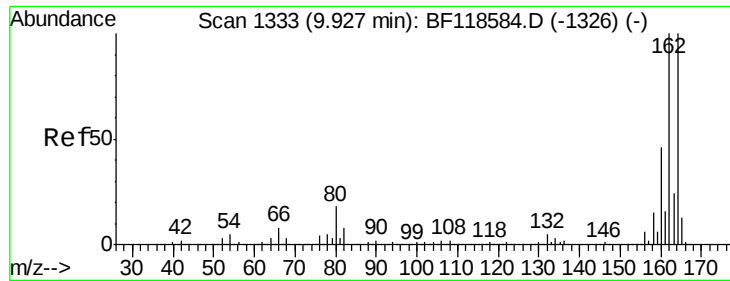


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

Instrument :

BNA_F

ClientSampleId :

SP-3

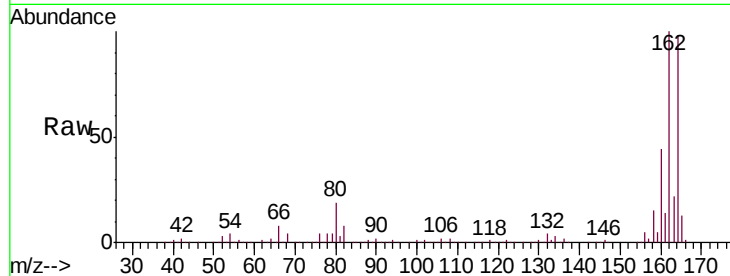
Tgt Ion:164 Resp: 564743

Ion Ratio Lower Upper

164 100

162 101.6 80.4 120.6

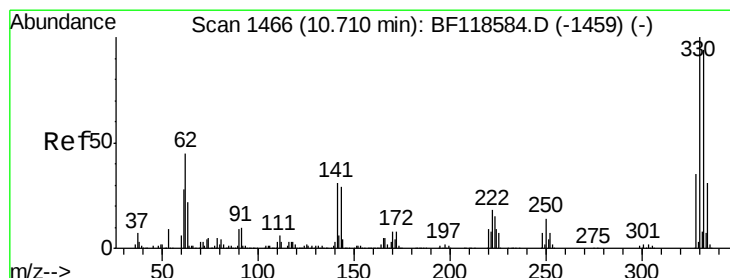
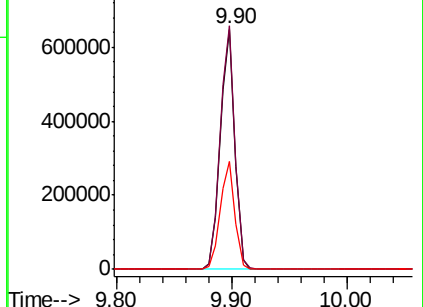
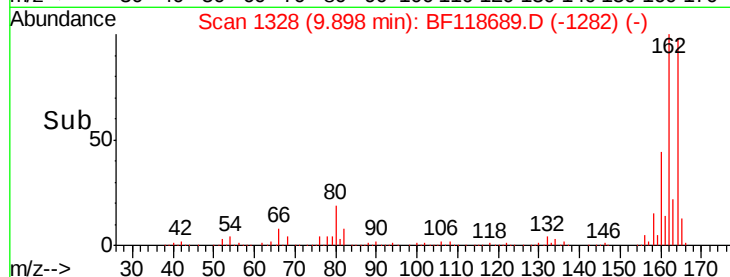
160 45.1 36.6 55.0



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: 91.035 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

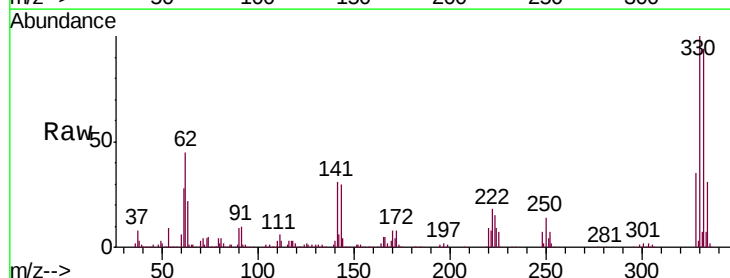
Tgt Ion:330 Resp: 594636

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

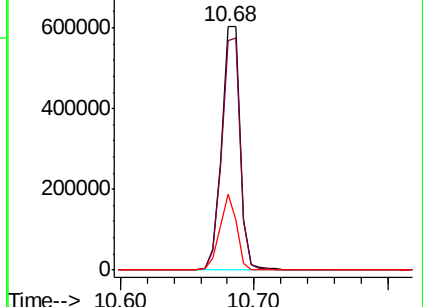
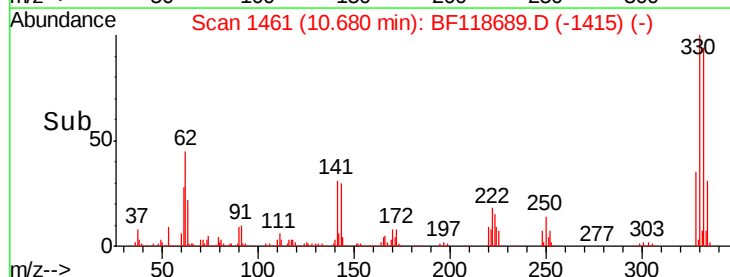
141 28.3 23.9 35.9

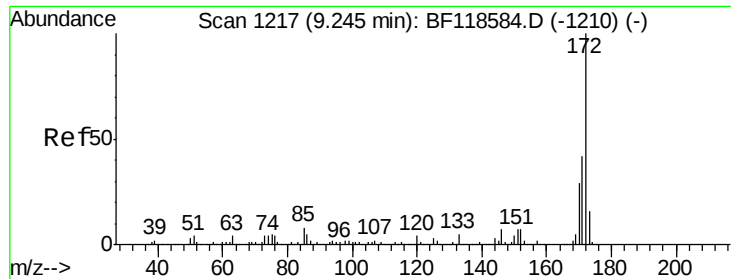


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

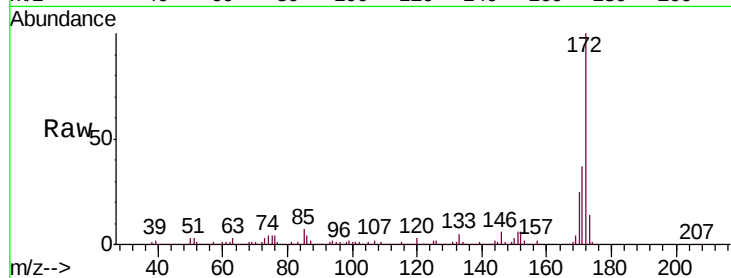




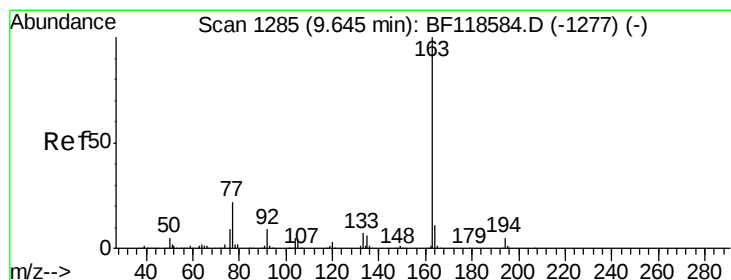
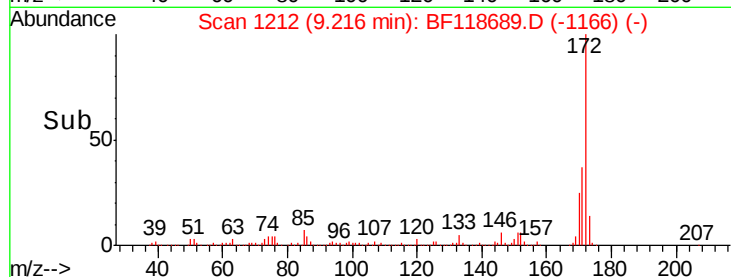
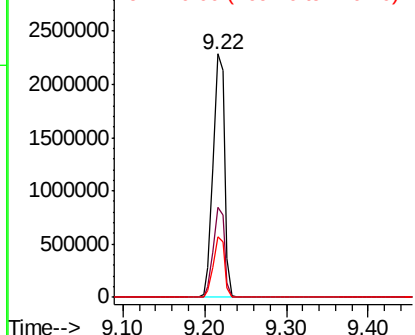
#45
2-Fluorobiphenyl
Concen: 65.512 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:172 Resp: 2250991
Ion Ratio Lower Upper
172 100
171 36.9 33.4 50.2
170 24.7 23.2 34.8

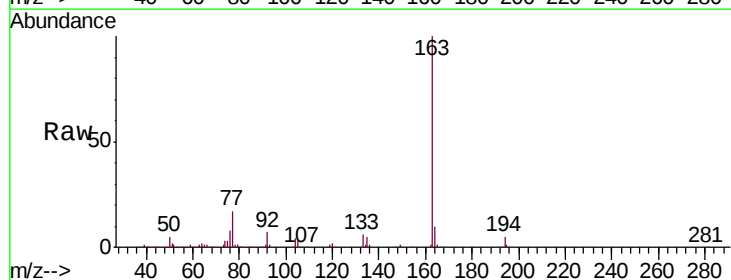


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

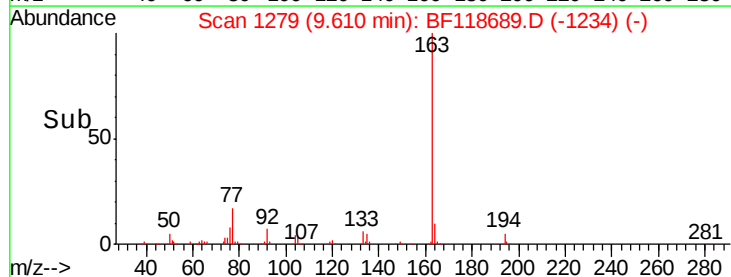
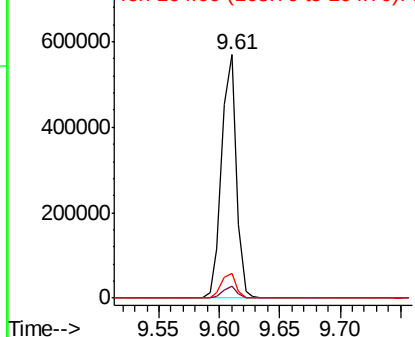


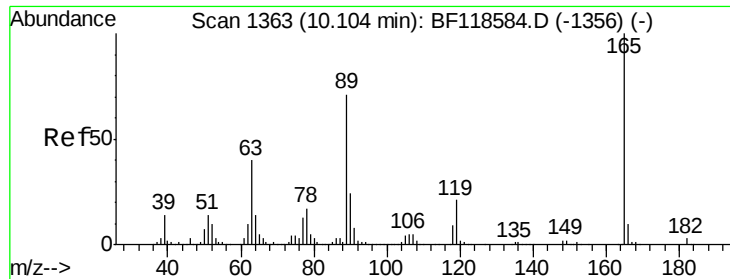
#50
Dimethylphthalate
Concen: 12.919 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118689.D
Acq: 24 Jan 2020 16:52

Tgt Ion:163 Resp: 475337
Ion Ratio Lower Upper
163 100
194 4.7 3.9 5.9
164 10.1 9.1 13.7



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

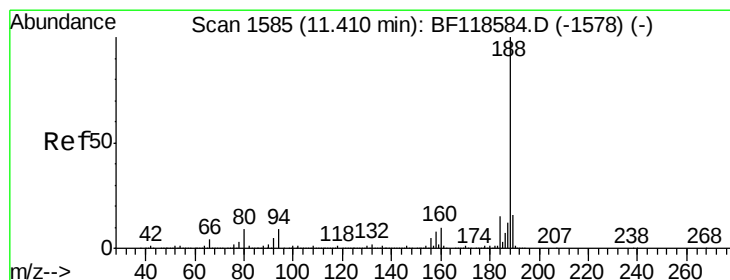
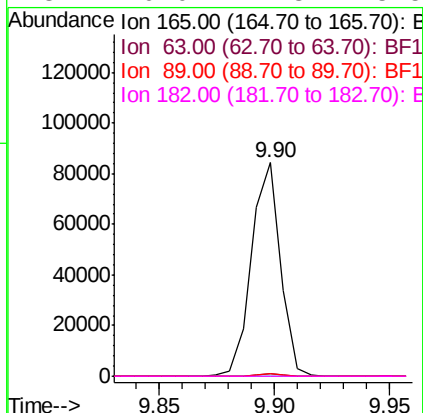
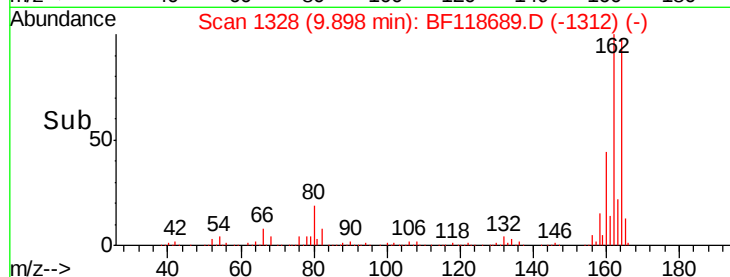
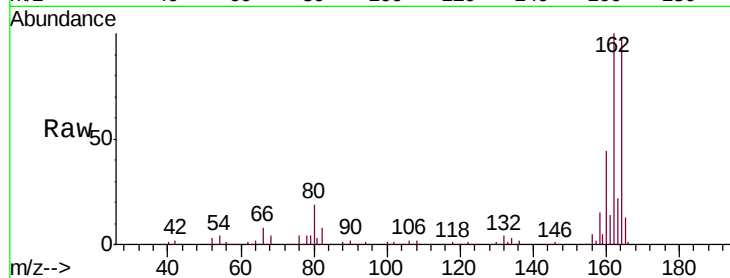




#57
 2,4-Dinitrotoluene
 Concen: 7.133 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118689.D
 Acq: 24 Jan 2020 16:52

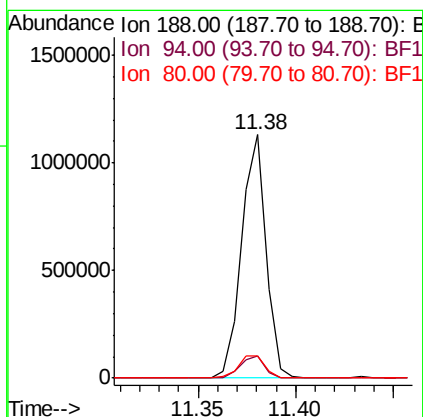
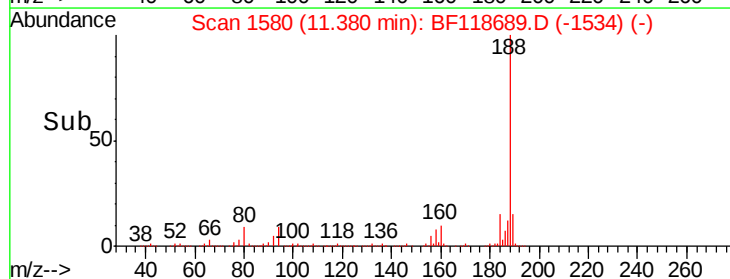
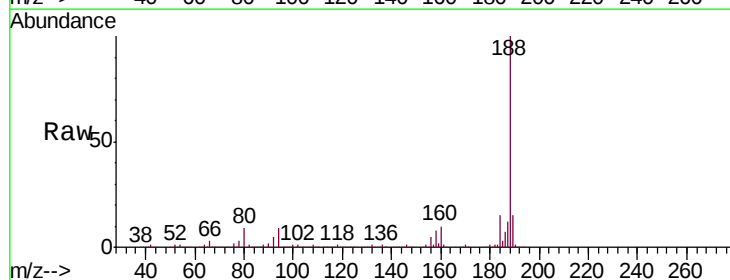
Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:	165	Resp:	74091
Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118689.D
 Acq: 24 Jan 2020 16:52

Tgt Ion:	188	Resp:	980739
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.1	7.5	11.3

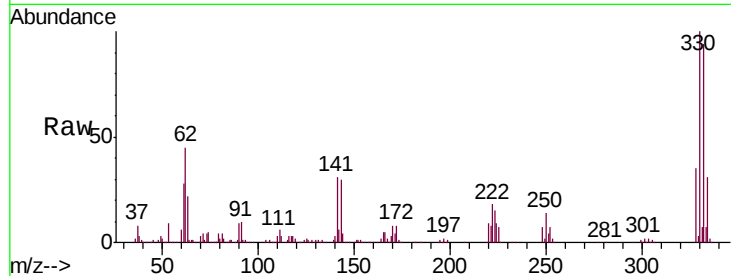




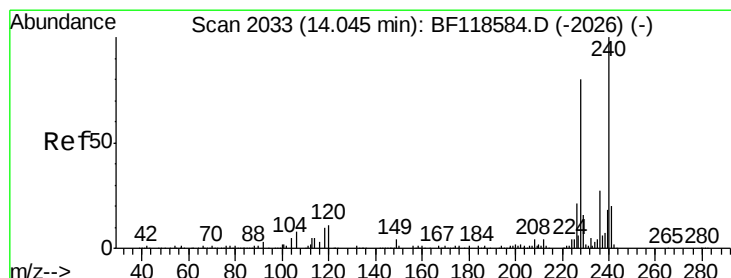
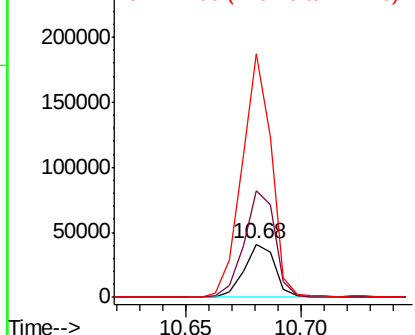
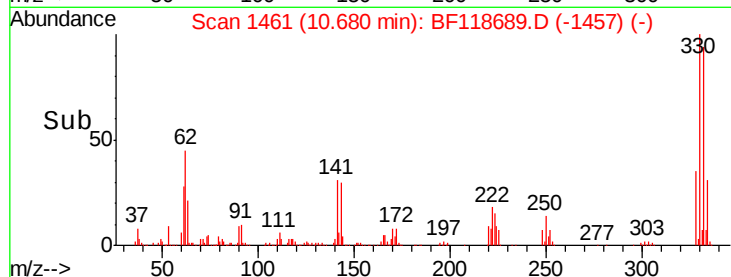
#67
 4-Bromophenyl-phenylether
 Concen: 3.150 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.28 min
 Lab File: BF118689.D
 Acq: 24 Jan 2020 16:52

Instrument :
 BNA_F
 ClientSampled :
 SP-3

Tgt Ion: 248 Resp: 38173
 Ion Ratio Lower Upper
 248 100
 250 199.8 78.7 118.1#
 141 456.3 43.2 64.8#

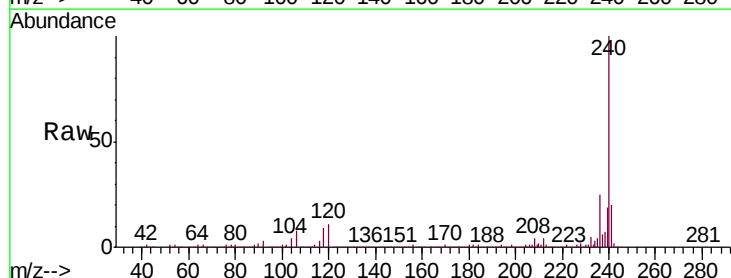


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

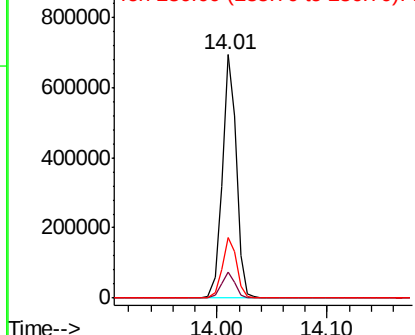
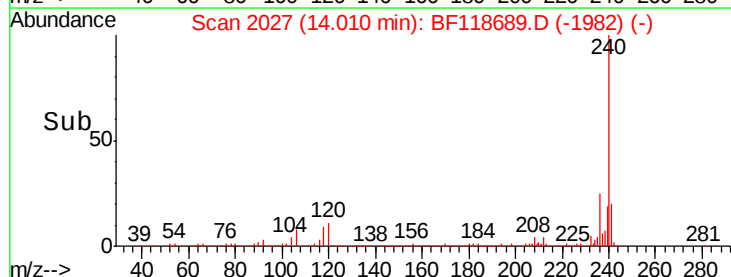


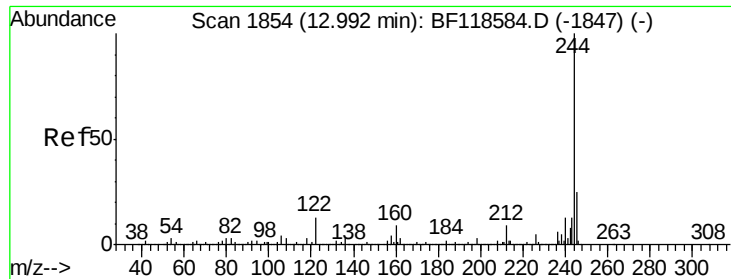
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF118689.D
 Acq: 24 Jan 2020 16:52

Tgt Ion: 240 Resp: 614542
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.9 13.3
 236 25.1 21.5 32.3



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: 82.778 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

Instrument :

BNA_F

ClientSampleId :

SP-3

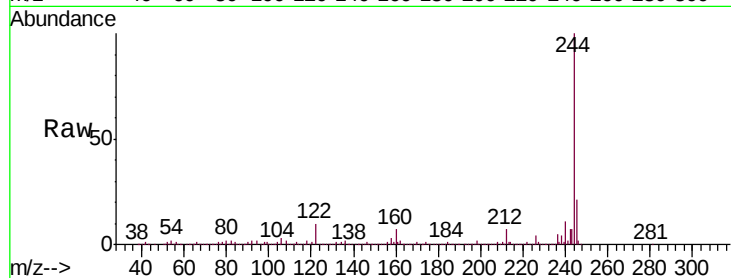
Tgt Ion:244 Resp: 2332355

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

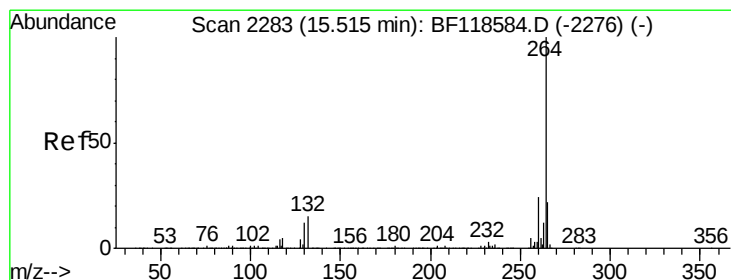
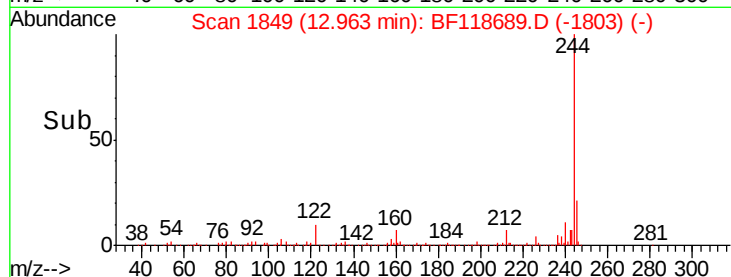
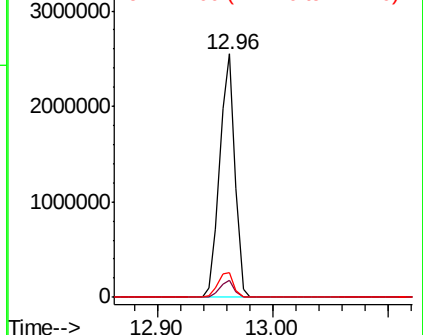
122 10.3 10.7 16.1#



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: 15.47 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BF118689.D

Acq: 24 Jan 2020 16:52

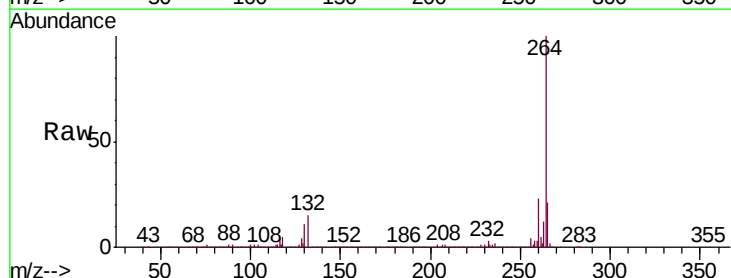
Tgt Ion:264 Resp: 662851

Ion Ratio Lower Upper

264 100

260 22.7 19.6 29.4

265 21.4 17.7 26.5



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

