

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119807.D
 Acq On : 7 Apr 2020 8:05
 Operator : MA/SJ
 Sample : L2117-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040220

Quant Time: Apr 07 08:38:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	182478	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	701627	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	361851	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	692212	20.00	ng	0.00
76) Chrysene-d12	13.95	240	522936	20.00	ng	0.00
87) Perylene-d12	15.39	264	474321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1545311	134.81	ng	0.02
7) Phenol-d6	6.42	99	1812442	123.78	ng	0.00
23) Nitrobenzene-d5	7.35	82	1305293	101.11	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	619831	166.04	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2478197	101.46	ng	0.00
79) Terphenyl-d14	12.91	244	2711058	101.57	ng	0.00

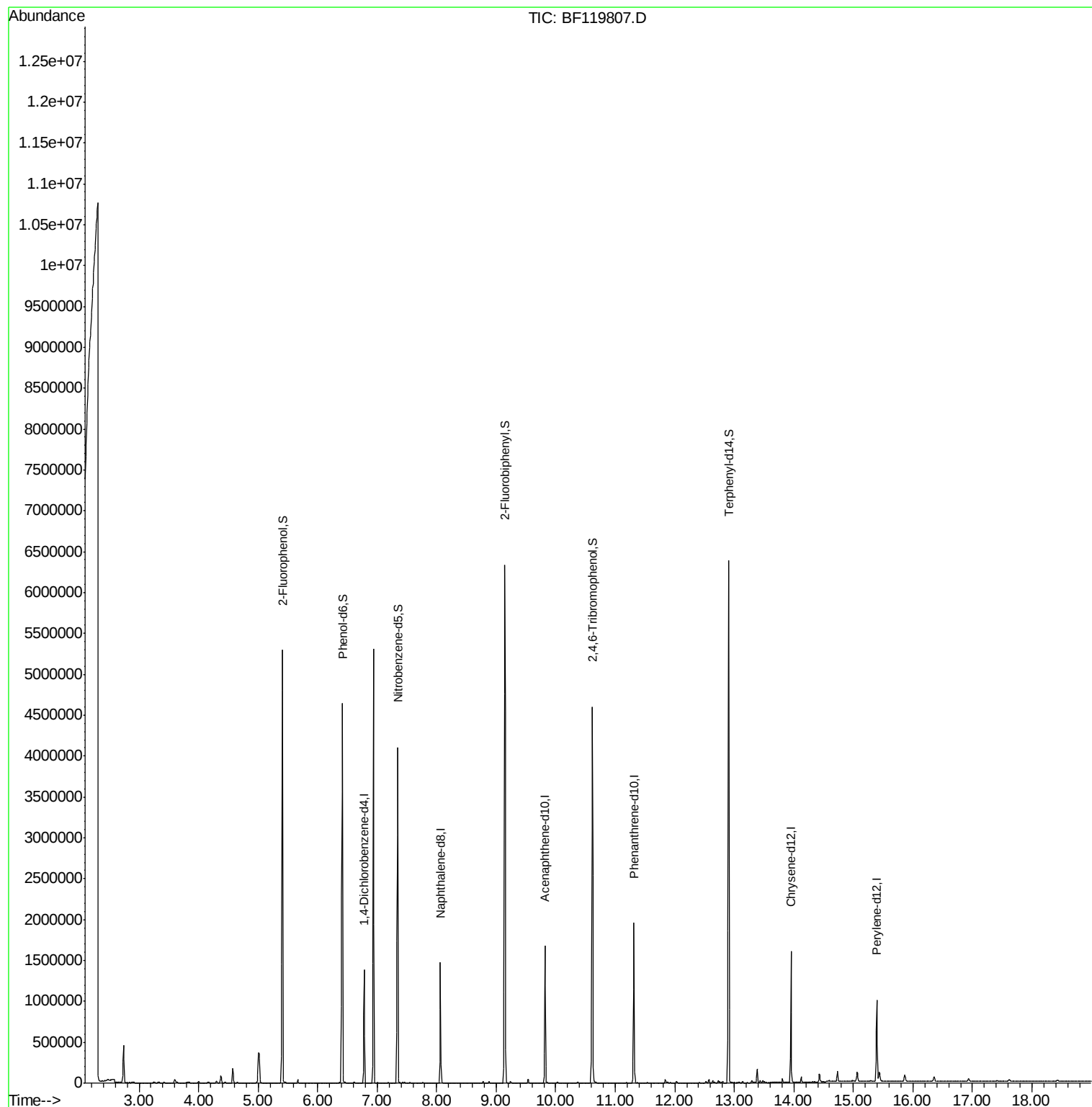
Target Compounds Qvalue

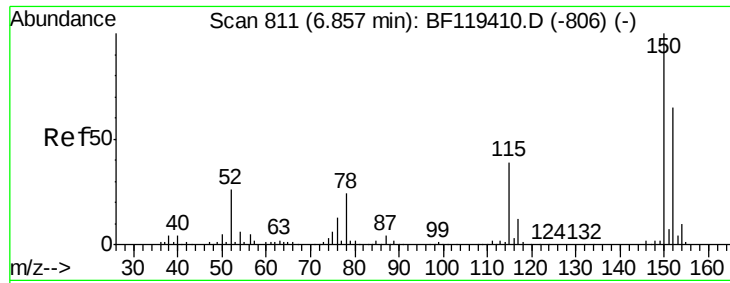
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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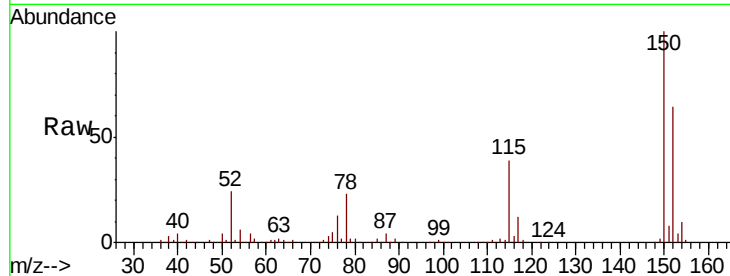


#1

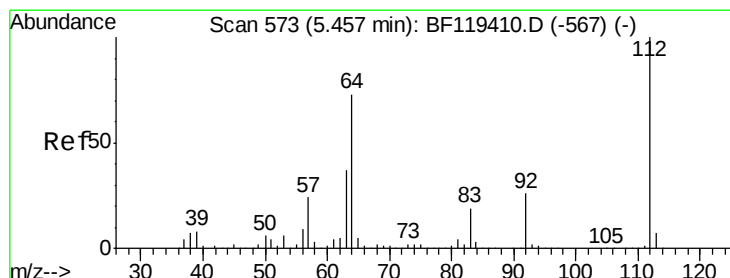
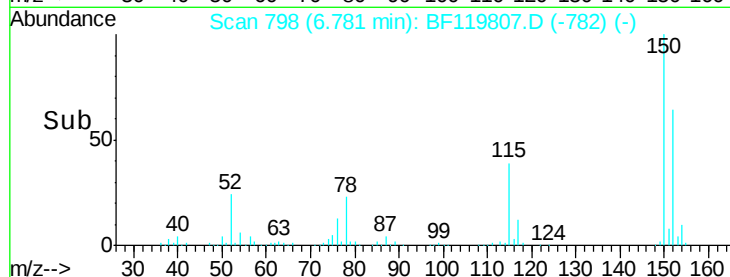
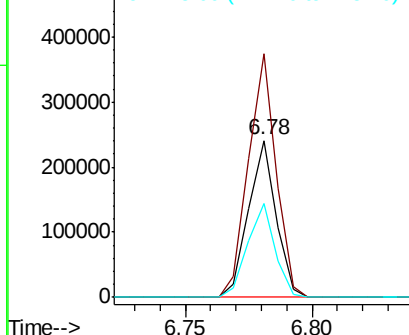
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040220

Tot Ion:152 Resp: 182478
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.5 186.7
 115 60.0 49.6 74.4



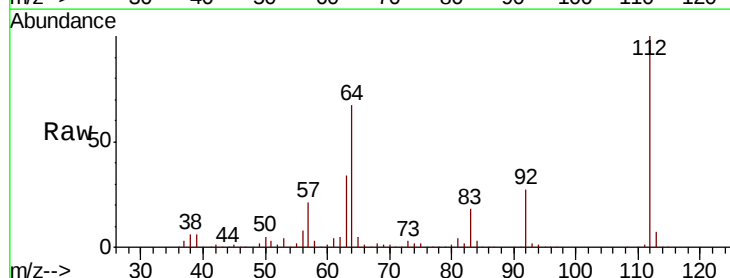
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



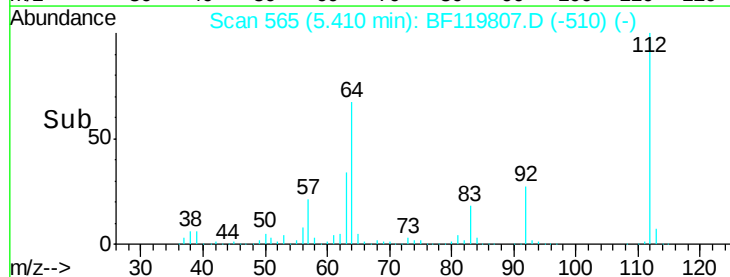
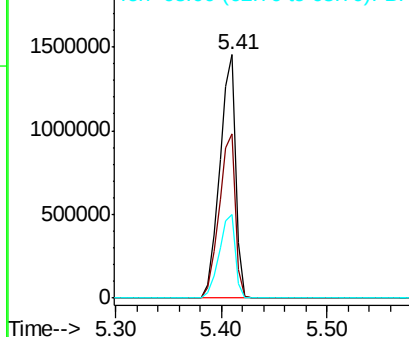
#5

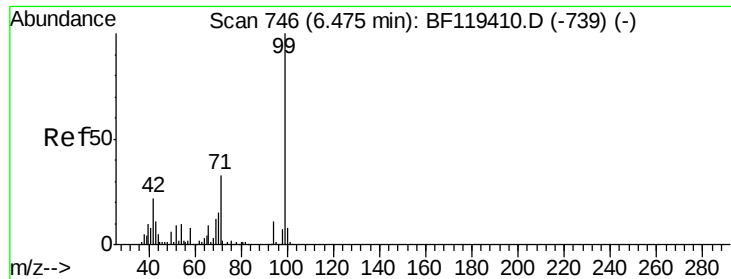
2-Fluorophenol
 Concen: 134.810 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

Tgt Ion:112 Resp: 1545311
 Ion Ratio Lower Upper
 112 100
 64 67.2 56.7 85.1
 63 34.5 29.5 44.3



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: 123.775 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

OK-03-040220

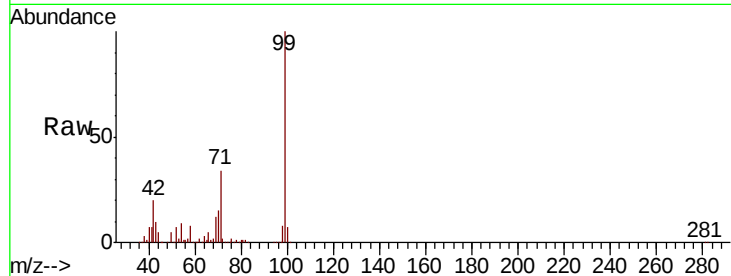
Tot Ion: 99 Resp: 1812442

Ion Ratio Lower Upper

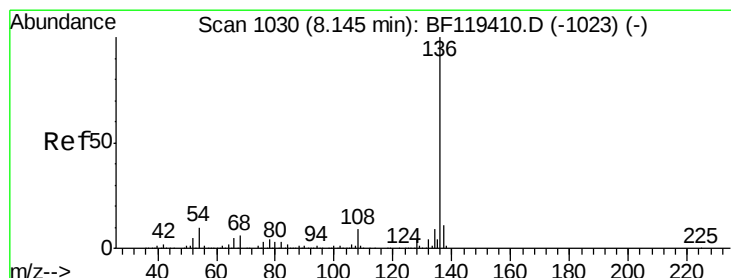
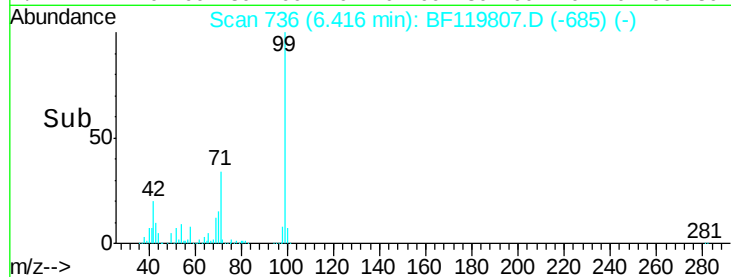
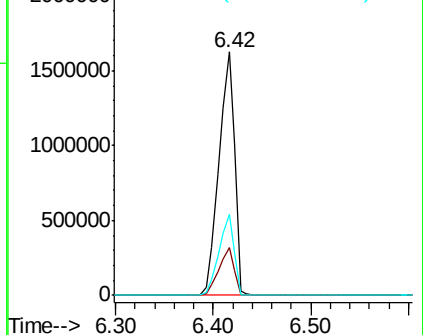
99 100

42 19.5 16.6 24.8

71 33.5 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

Tgt Ion: 136 Resp: 701627

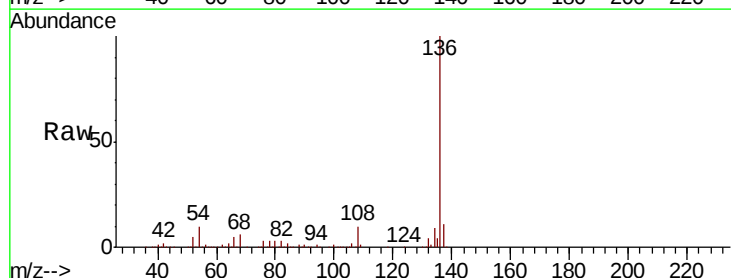
Ion Ratio Lower Upper

136 100

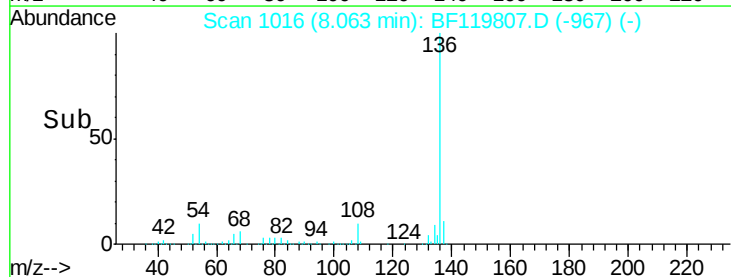
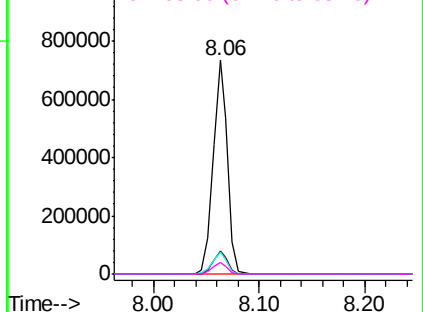
137 10.9 8.7 13.1

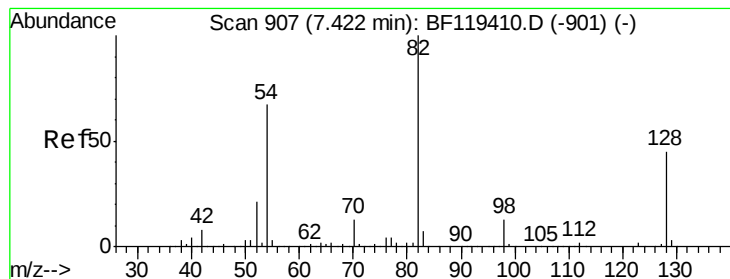
54 10.3 9.1 13.7

68 5.6 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 101.108 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

OK-03-040220

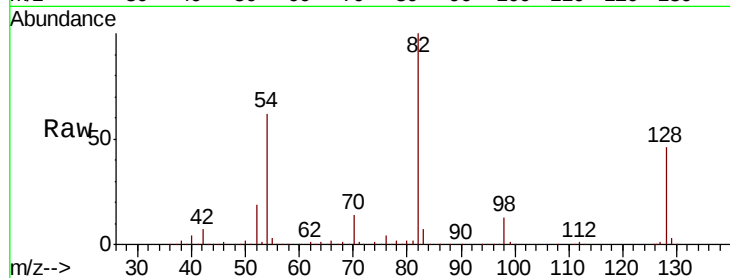
Tot Ion: 82 Resp: 1305293

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

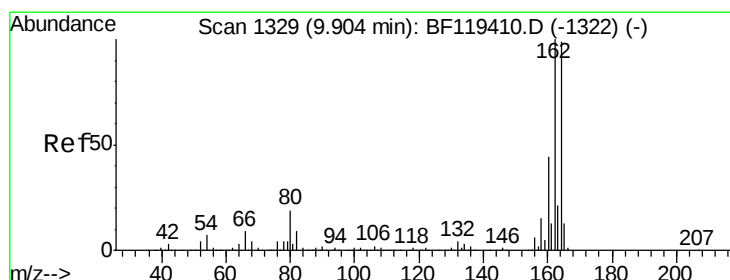
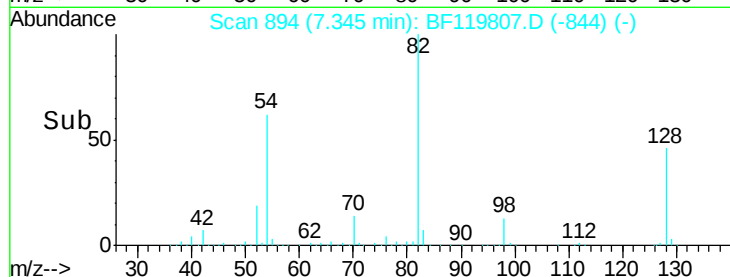
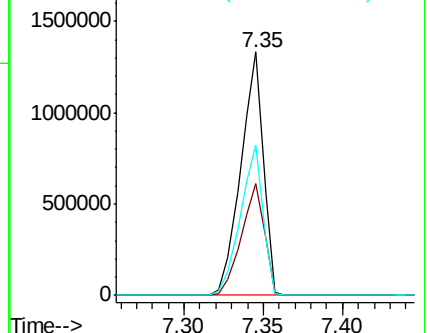
54 61.7 50.6 75.8



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

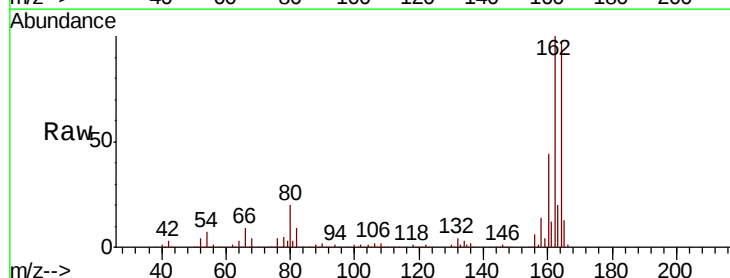
Tgt Ion:164 Resp: 361851

Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

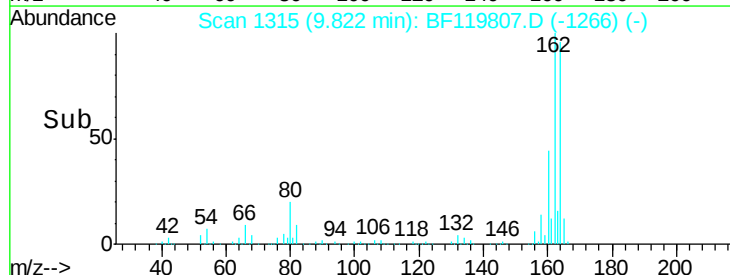
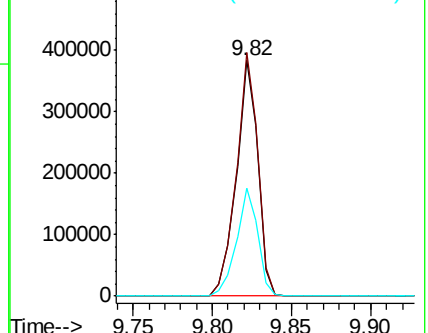
160 45.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

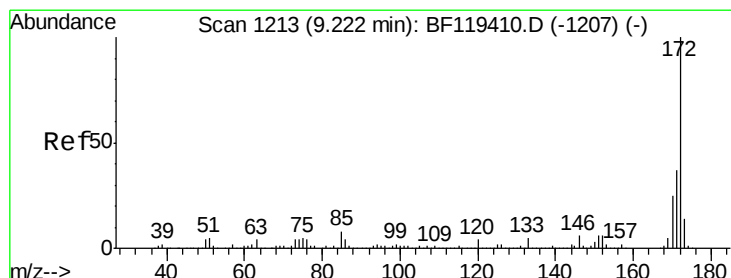
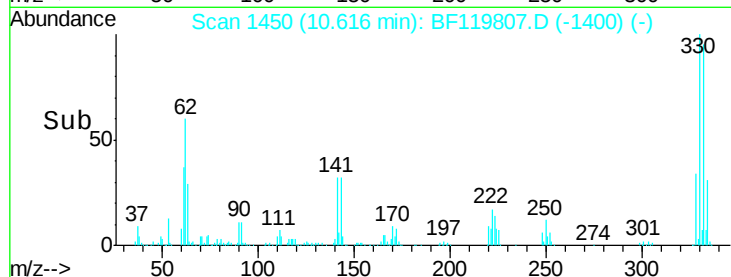
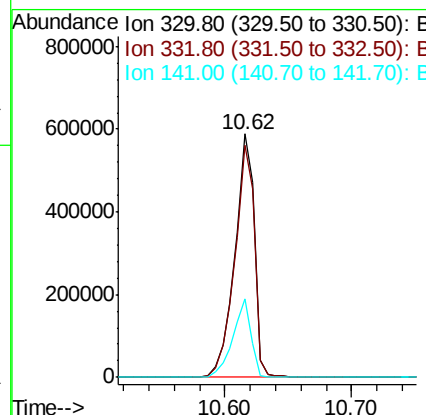
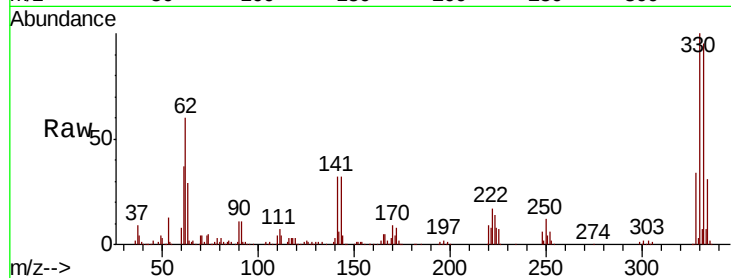




#42
 2,4,6-Tribromophenol
 Concen: 166.037 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

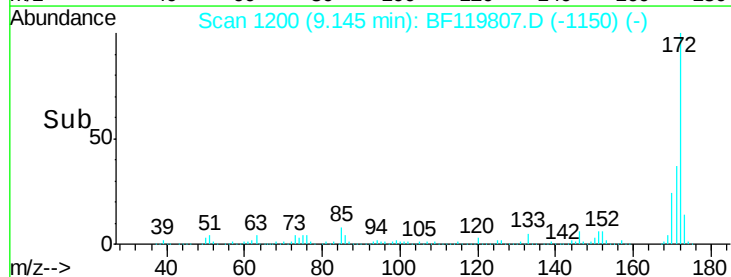
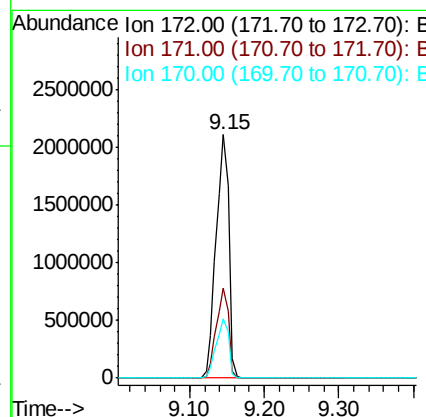
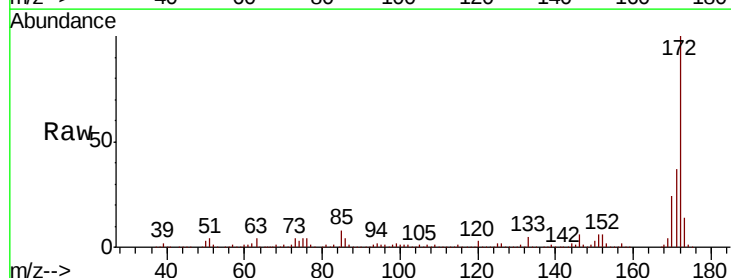
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040220

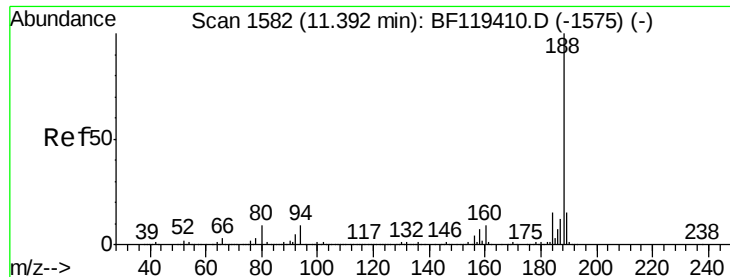
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	30.4	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 101.461 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119807.D
 Acq: 7 Apr 2020 8:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.4	20.2	30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

Instrument :

BNA_F

ClientSampled :

OK-03-040220

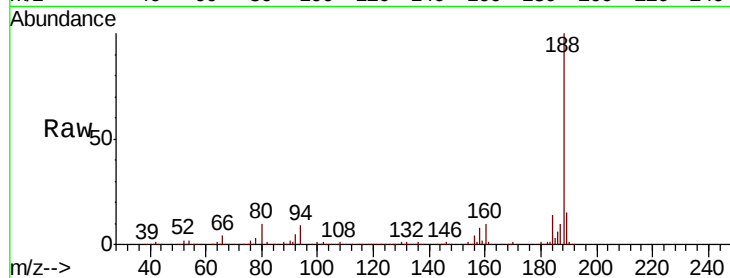
Tot Ion:188 Resp: 692212

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 9.6 9.0 13.4



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

11.31

800000

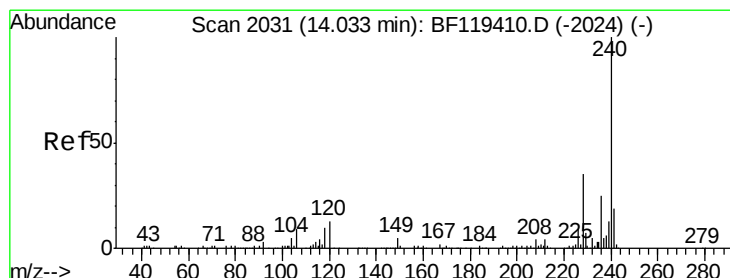
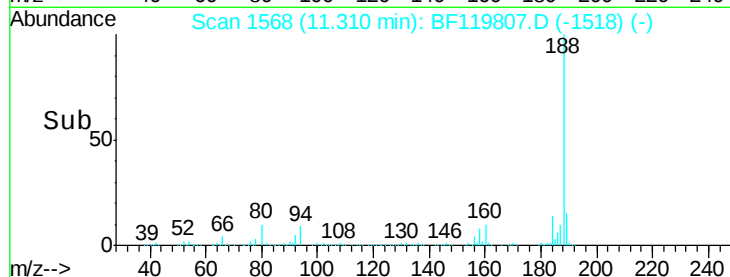
600000

400000

200000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

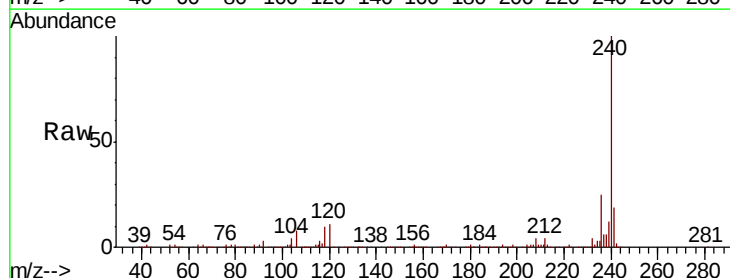
Tgt Ion:240 Resp: 522936

Ion Ratio Lower Upper

240 100

120 11.1 10.6 15.8

236 25.2 20.2 30.2



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

13.95

800000

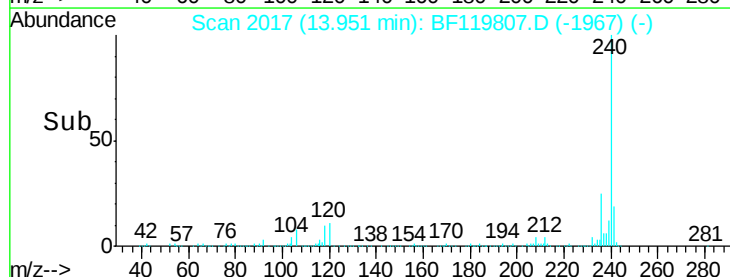
600000

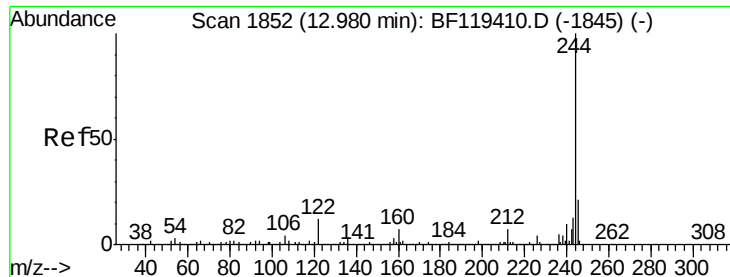
400000

200000

0

Time-->





#79

Terphenyl-d14

Concen: 101.572 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

OK-03-040220

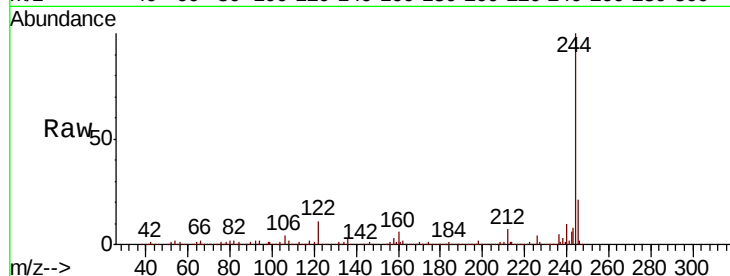
Tot Ion:244 Resp: 2711058

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

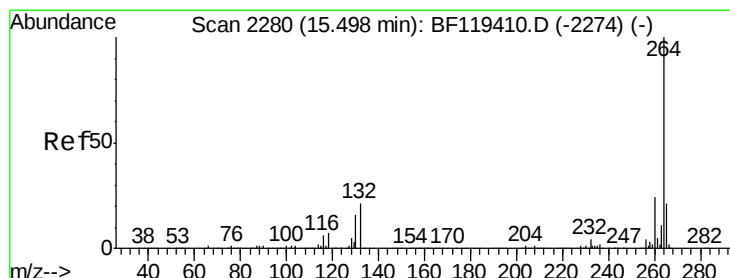
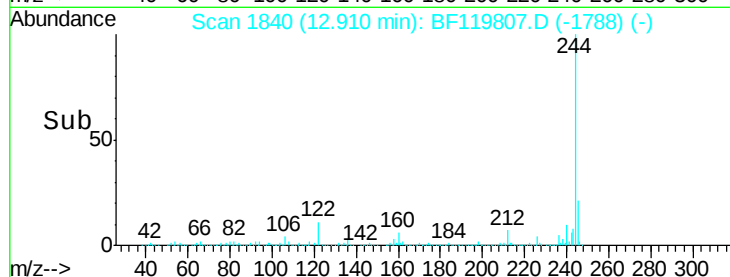
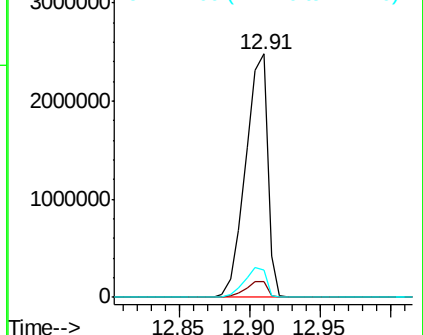
122 11.1 10.3 15.5



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: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF119807.D

Acq: 7 Apr 2020 8:05

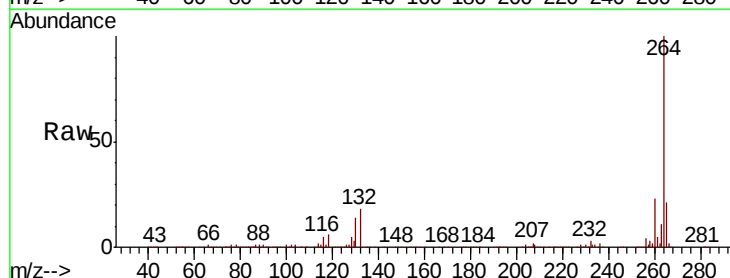
Tgt Ion:264 Resp: 474321

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

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

