

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119788.D
 Acq On : 6 Apr 2020 23:31
 Operator : MA/SJ
 Sample : L2129-29
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Apr 07 01:51:33 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	171647	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	654337	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	338097	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	652786	20.00	ng	0.00
76) Chrysene-d12	13.95	240	503171	20.00	ng	0.00
87) Perylene-d12	15.40	264	470531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1555187	144.23	ng	0.02
7) Phenol-d6	6.42	99	1754254	127.36	ng	0.00
23) Nitrobenzene-d5	7.35	82	1331613	110.60	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	632947	181.46	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2543779	111.46	ng	0.00
79) Terphenyl-d14	12.91	244	2811719	109.48	ng	0.00

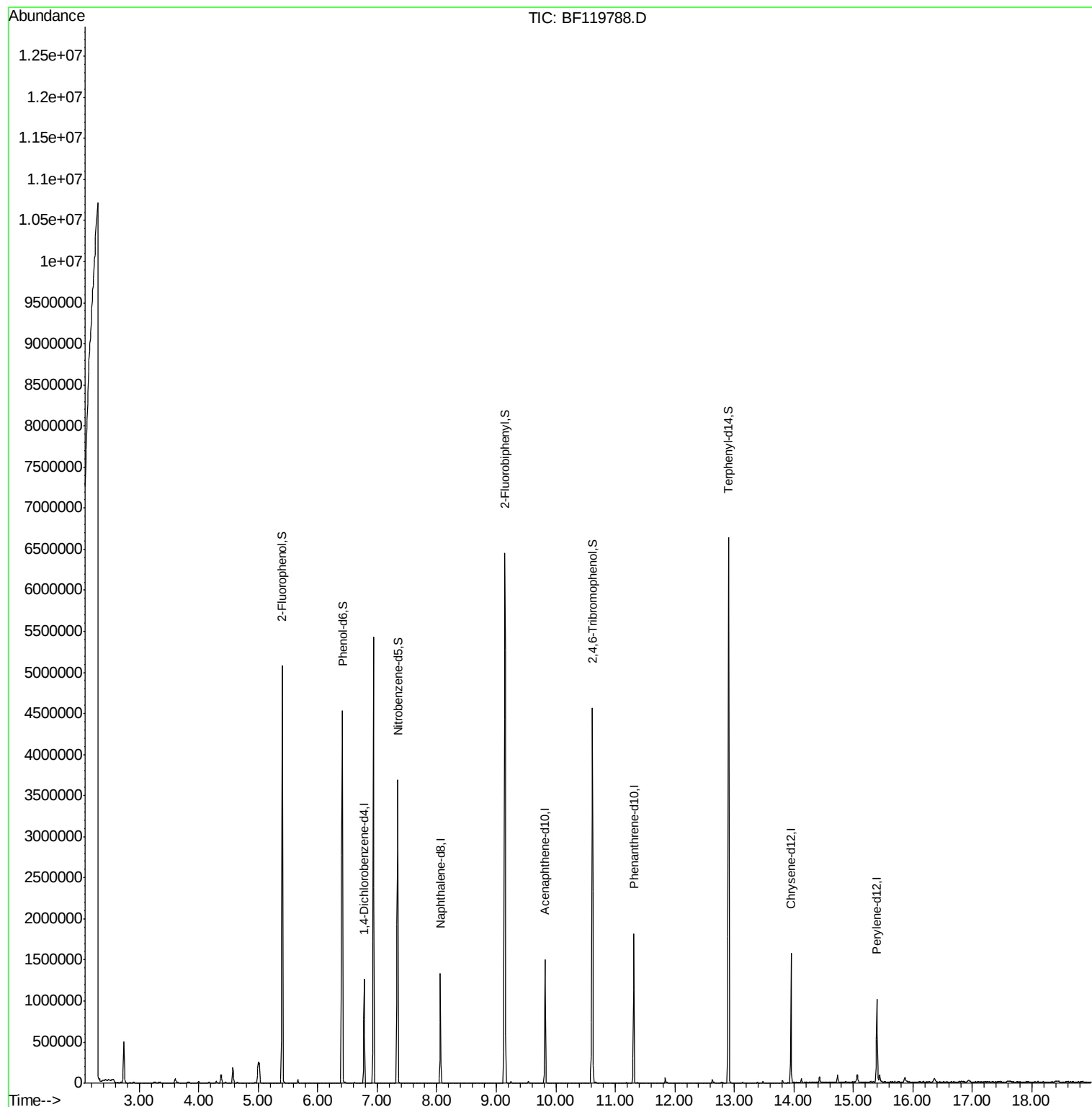
Target Compounds Qvalue

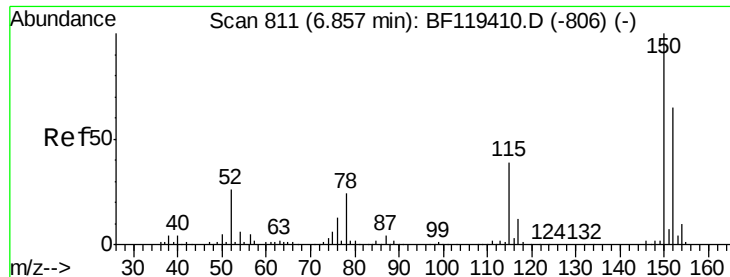
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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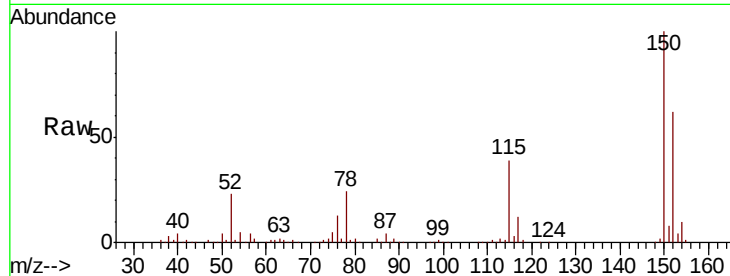


#1

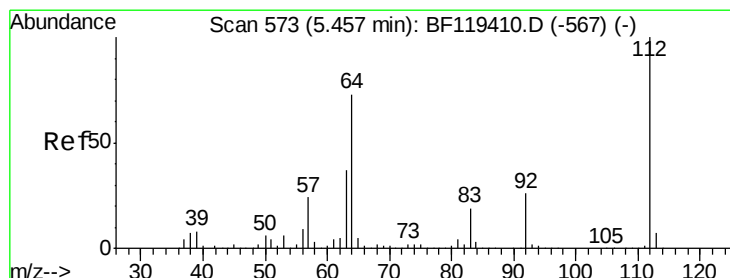
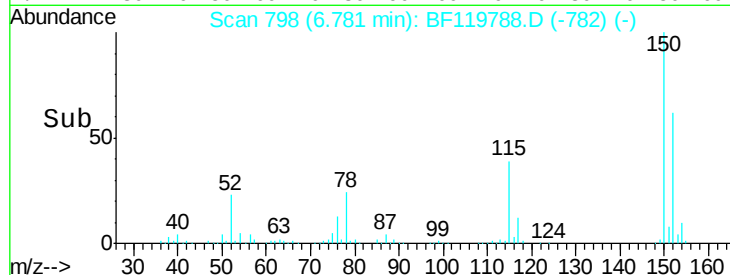
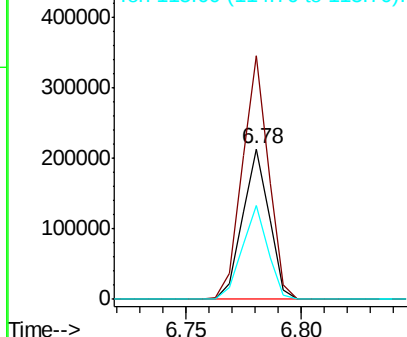
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119788.D
Acq: 6 Apr 2020 23:31

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 171647
Ion Ratio Lower Upper
152 100
150 161.9 124.5 186.7
115 62.4 49.6 74.4



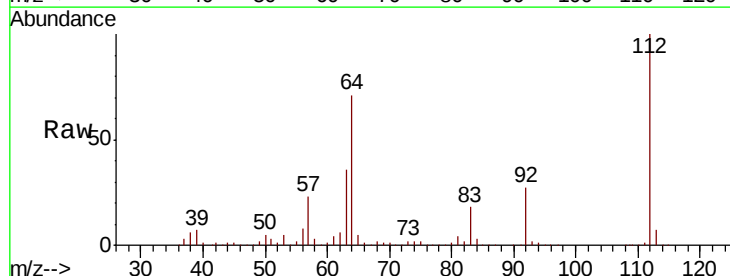
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



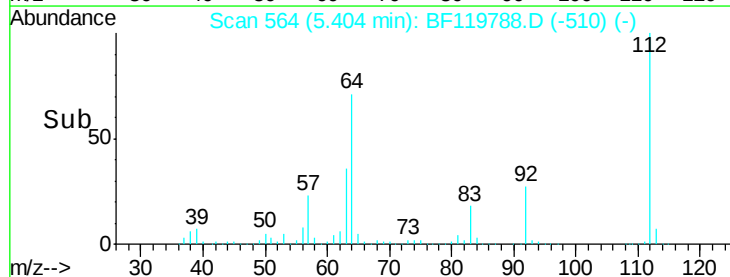
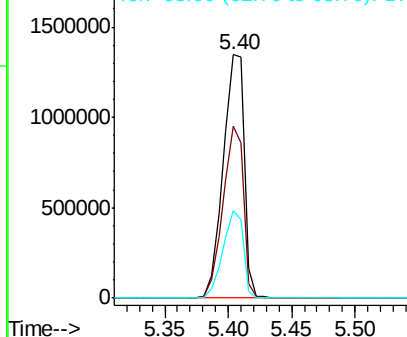
#5

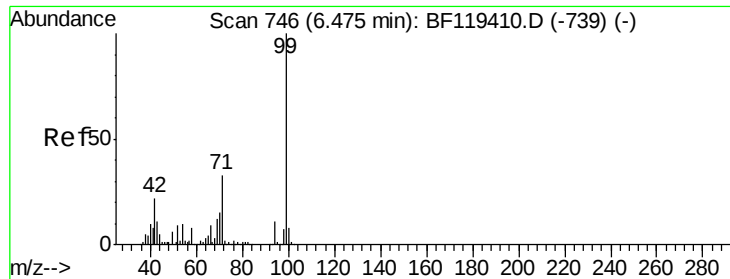
2-Fluorophenol
Concen: 144.233 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119788.D
Acq: 6 Apr 2020 23:31

Tgt Ion:112 Resp: 1555187
Ion Ratio Lower Upper
112 100
64 70.8 56.7 85.1
63 35.9 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: 127.361 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

Instrument :

BNA_F

ClientSampleId :

TP-2

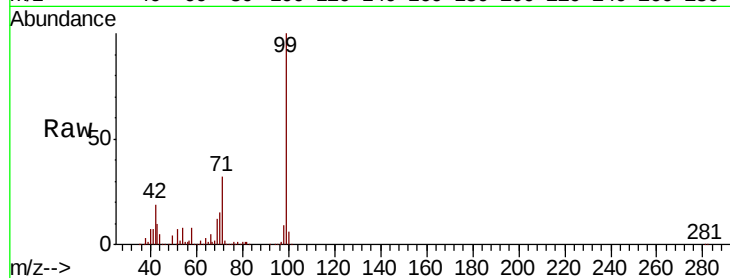
Tot Ion: 99 Resp: 1754254

Ion Ratio Lower Upper

99 100

42 18.5 16.6 24.8

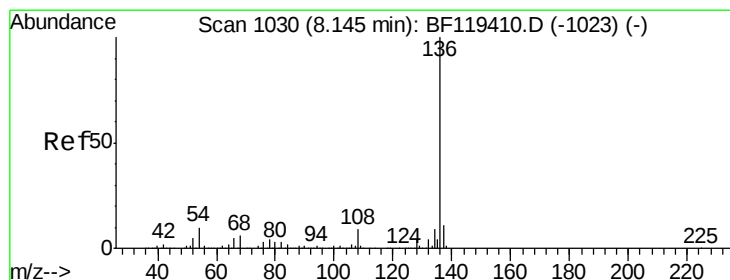
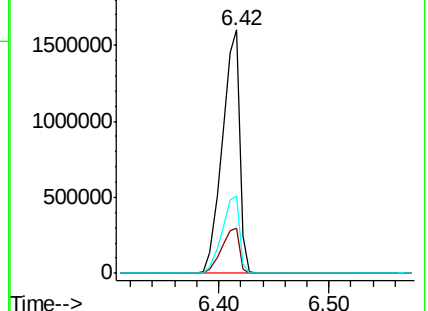
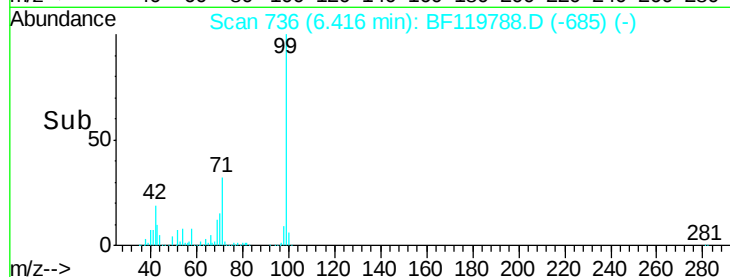
71 31.7 26.4 39.6



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: BF119788.D

Acq: 6 Apr 2020 23:31

Tgt Ion: 136 Resp: 654337

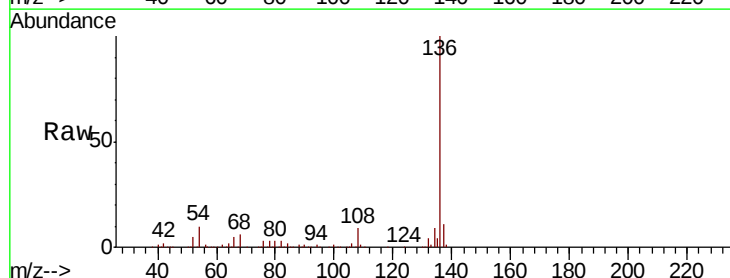
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.4 9.1 13.7

68 5.8 4.6 6.8

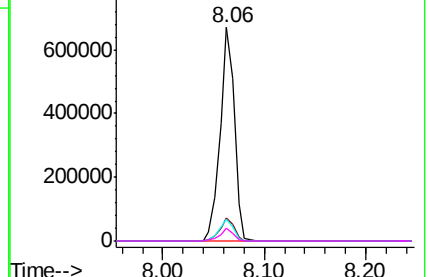
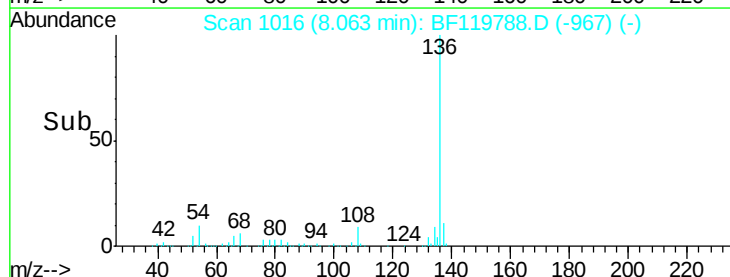


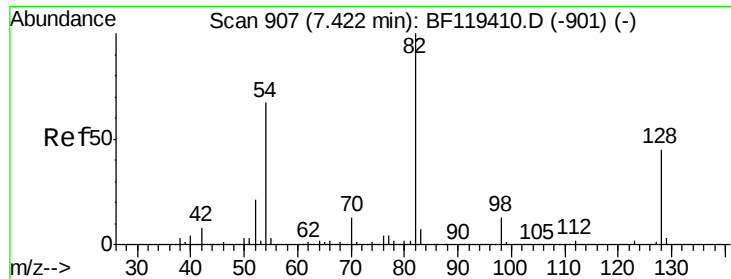
Abundance Ion 136.00 (135.70 to 136.70): E

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

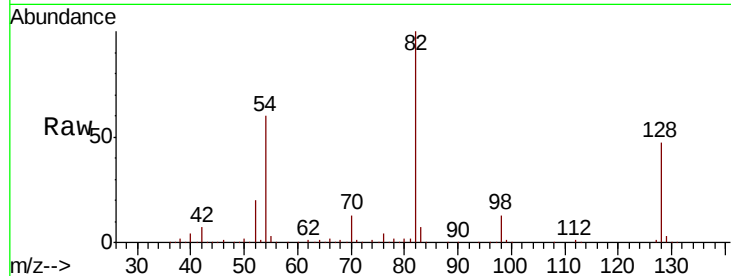




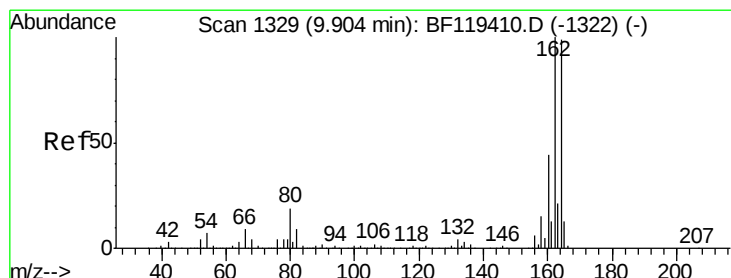
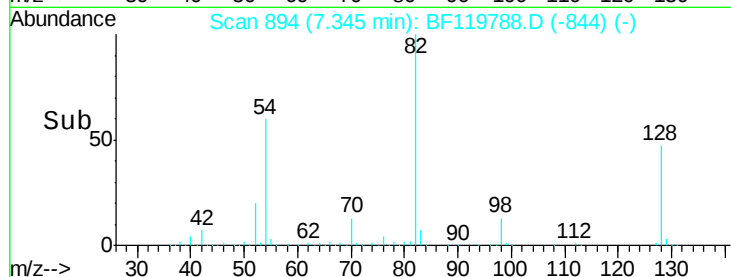
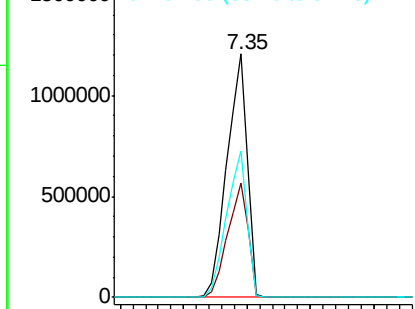
#23
 Nitrobenzene-d5
 Concen: 110.601 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion: 82 Resp: 1331613
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 60.1 50.6 75.8

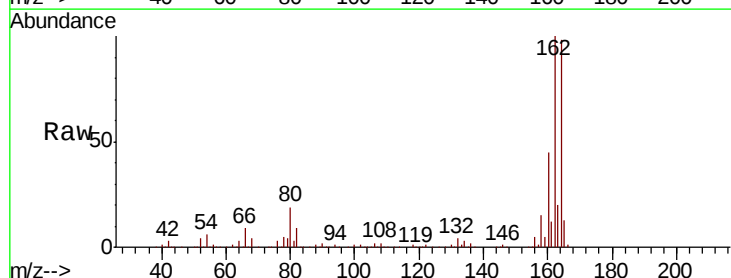


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

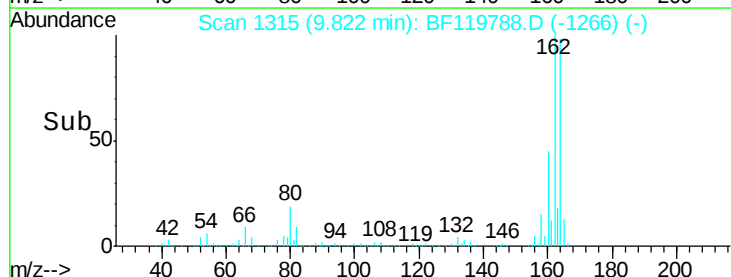
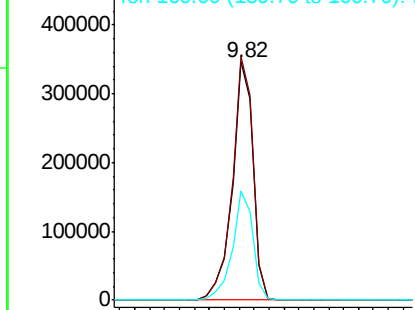


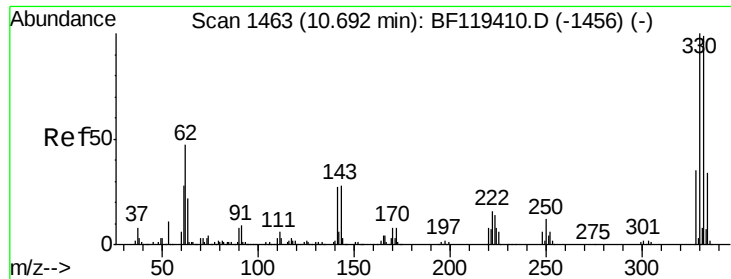
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

Tgt Ion:164 Resp: 338097
 Ion Ratio Lower Upper
 164 100
 162 102.2 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

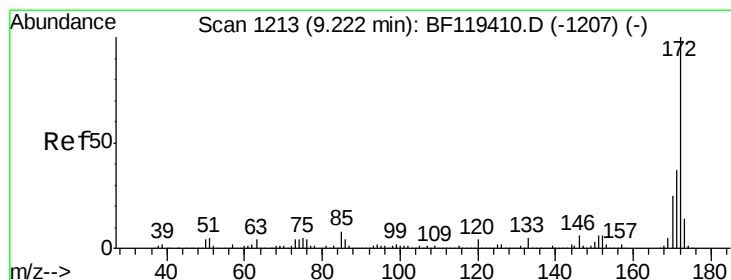
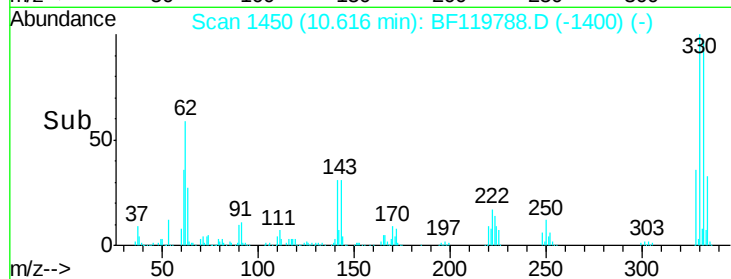
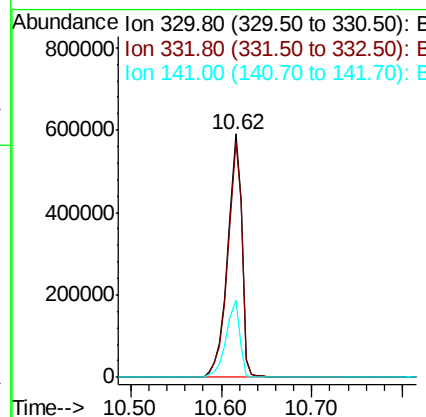
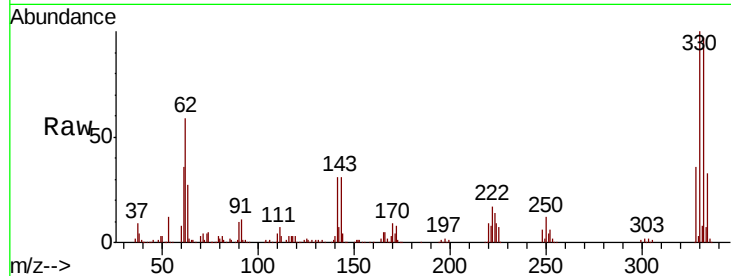




#42
 2,4,6-Tribromophenol
 Concen: 181.463 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

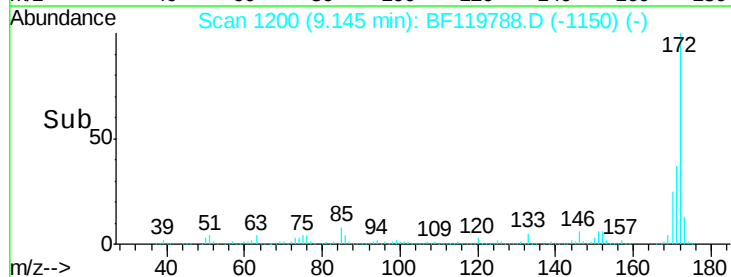
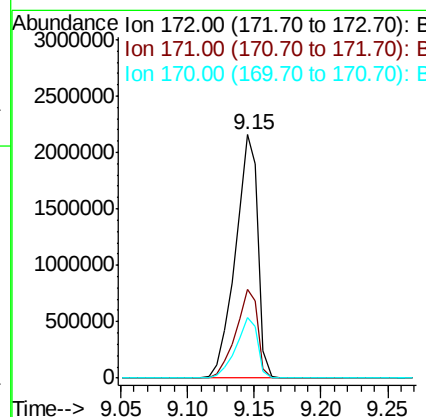
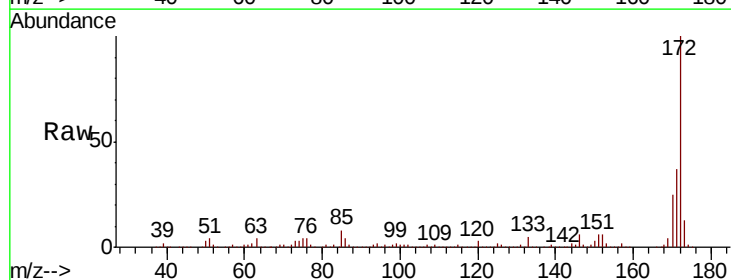
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

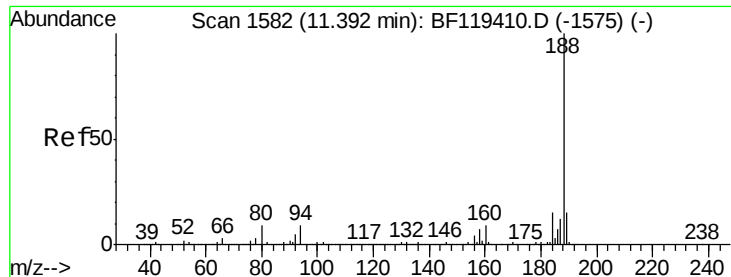
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	30.4	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 111.463 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	20.2	30.2

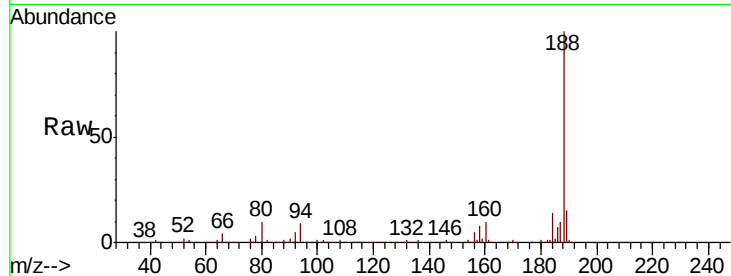




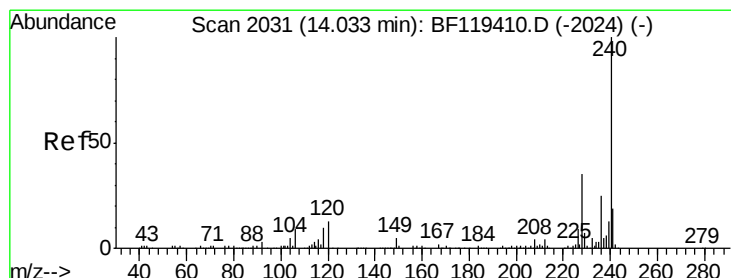
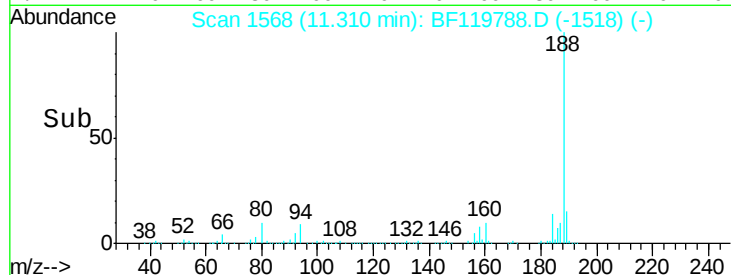
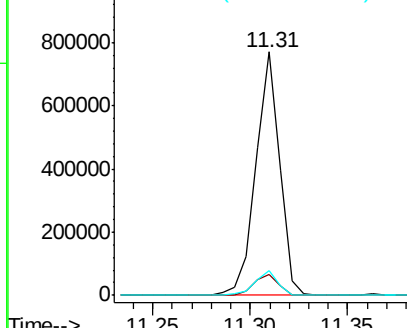
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119788.D
Acq: 6 Apr 2020 23:31

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion:188 Resp: 652786
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 10.0 9.0 13.4

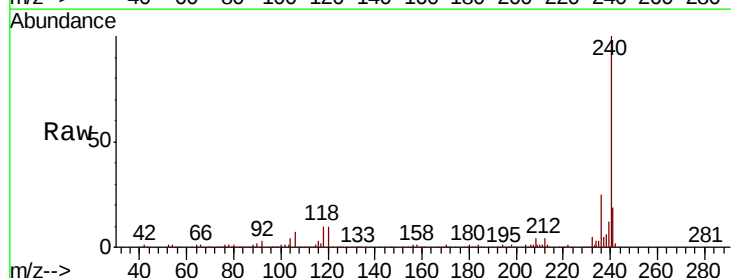


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

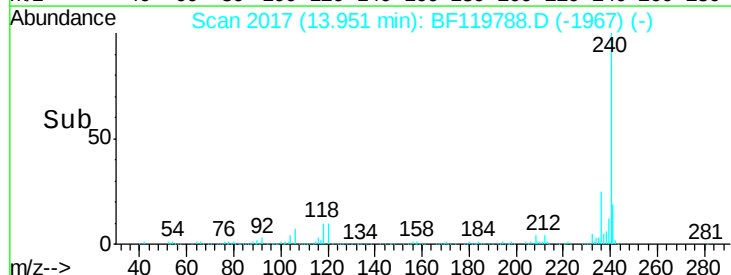
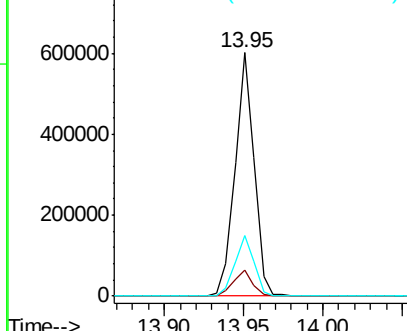


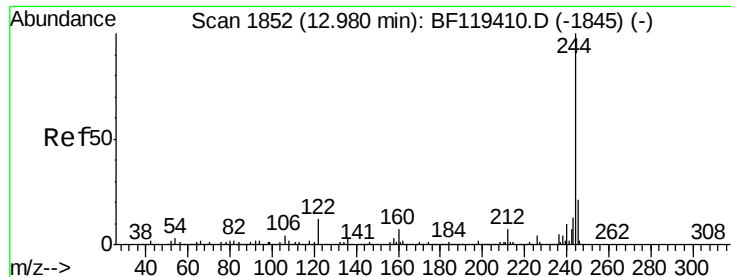
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119788.D
Acq: 6 Apr 2020 23:31

Tgt Ion:240 Resp: 503171
Ion Ratio Lower Upper
240 100
120 10.4 10.6 15.8#
236 24.9 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





#79

Terphenyl-d14

Concen: 109.481 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

Instrument :

BNA_F

ClientSampleId :

TP-2

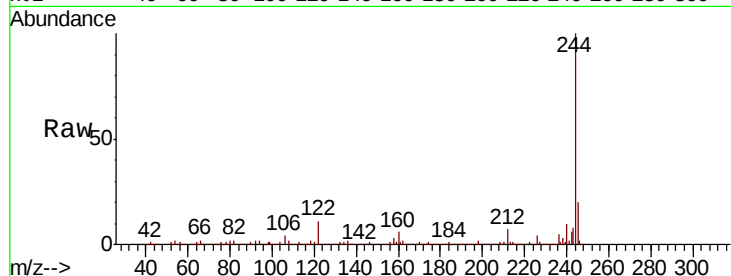
Tot Ion:244 Resp: 2811719

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

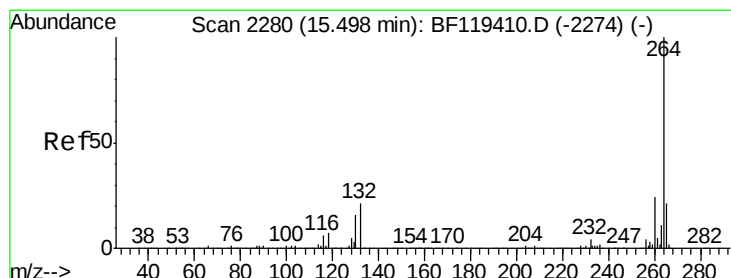
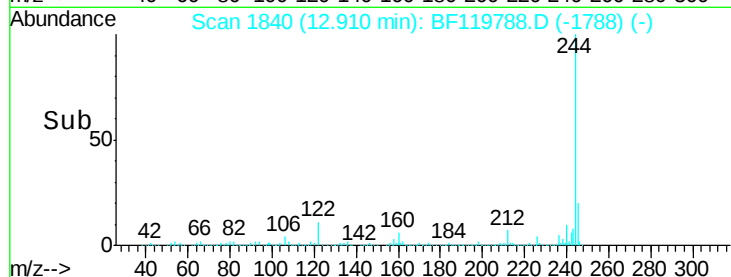
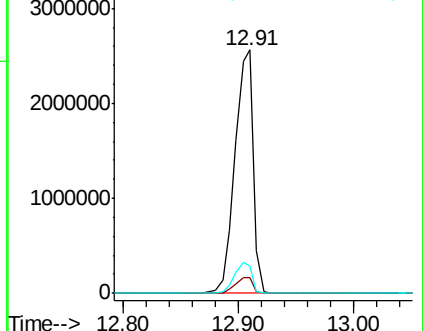
122 11.2 10.3 15.5



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: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

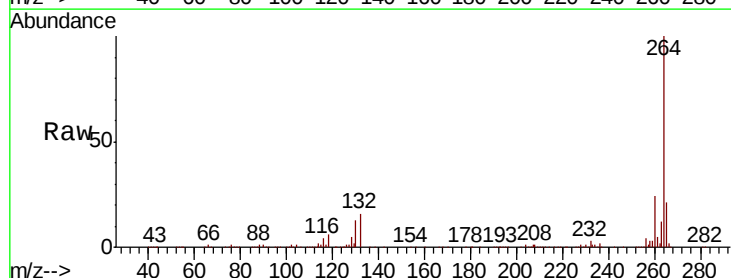
Tgt Ion:264 Resp: 470531

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.2 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

