

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119786.D
 Acq On : 6 Apr 2020 22:37
 Operator : MA/SJ
 Sample : L2129-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Apr 07 01:44:38 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	177045	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	672581	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	350878	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	694045	20.00	ng	0.00
76) Chrysene-d12	13.95	240	533989	20.00	ng	0.00
87) Perylene-d12	15.39	264	495574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1526040	137.21	ng	0.02
7) Phenol-d6	6.42	99	1710114	120.37	ng	0.00
23) Nitrobenzene-d5	7.35	82	1313064	106.10	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	645278	178.26	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2530440	106.84	ng	0.00
79) Terphenyl-d14	12.91	244	2867869	105.22	ng	0.00

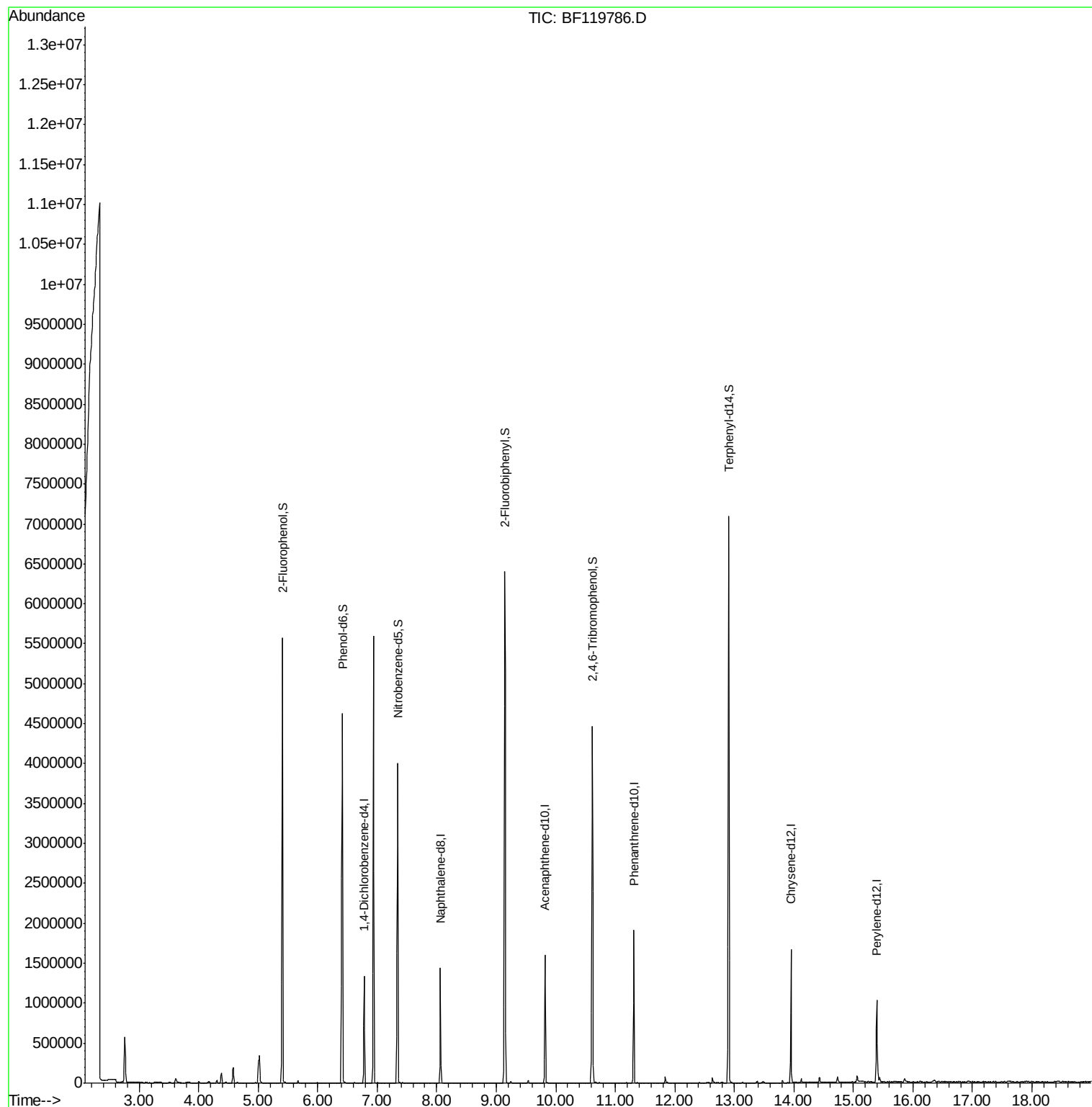
Target Compounds Qvalue

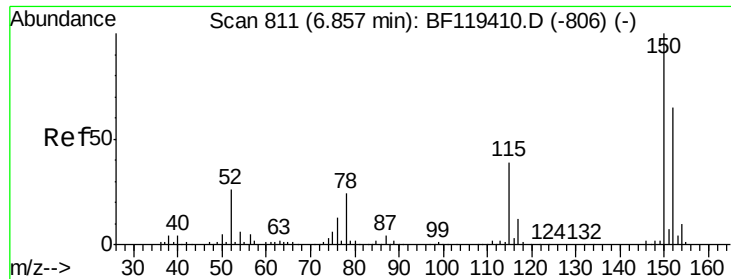
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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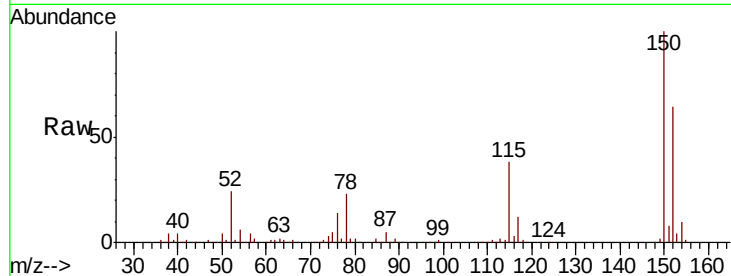


#1

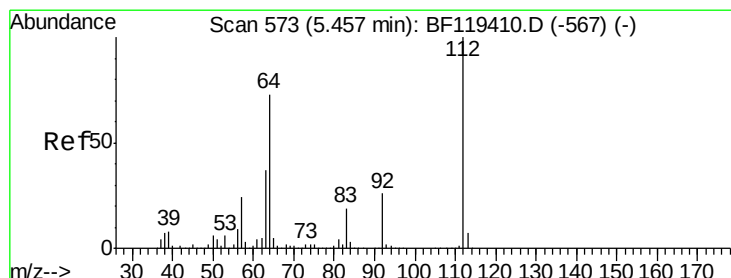
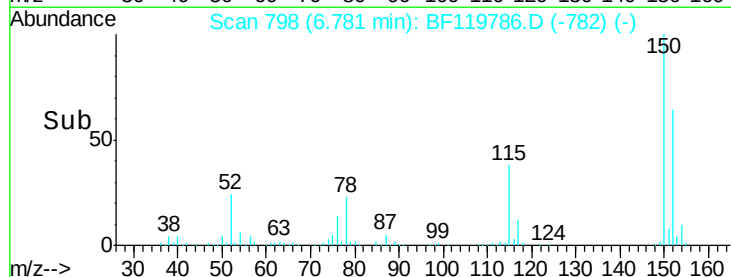
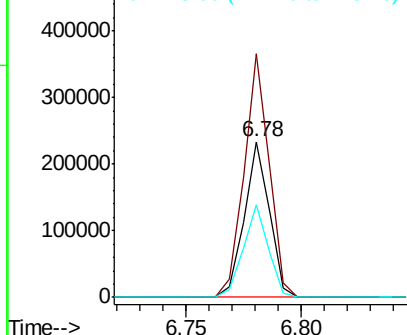
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:152 Resp: 177045
Ion Ratio Lower Upper
152 100
150 156.3 124.5 186.7
115 59.3 49.6 74.4



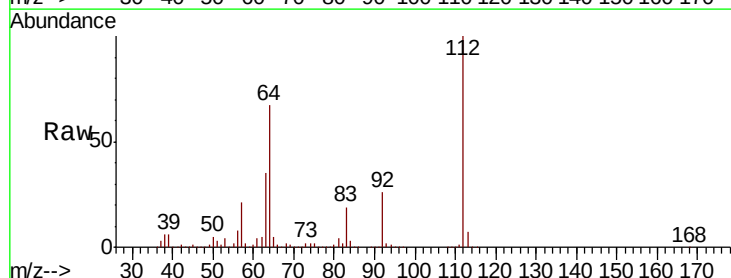
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



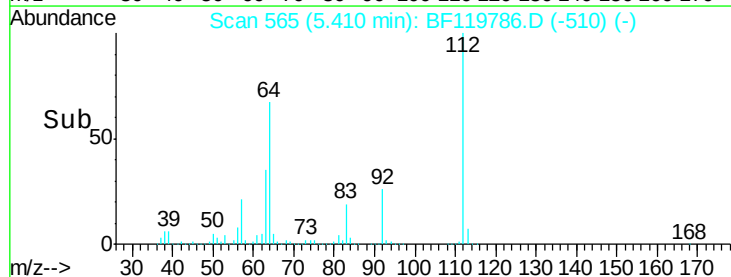
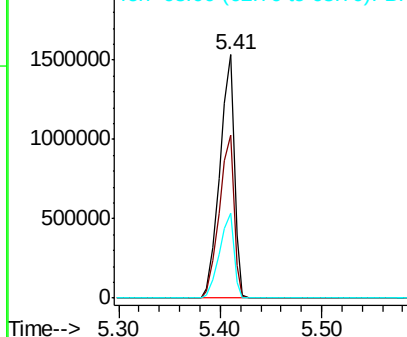
#5

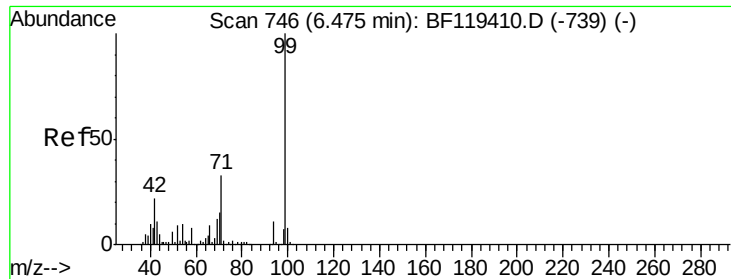
2-Fluorophenol
Concen: 137.214 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

Tgt Ion:112 Resp: 1526040
Ion Ratio Lower Upper
112 100
64 67.0 56.7 85.1
63 34.7 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: 120.371 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

Instrument :

BNA_F

ClientSampled :

TP-4

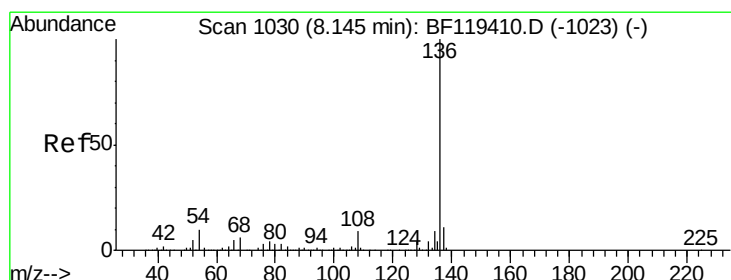
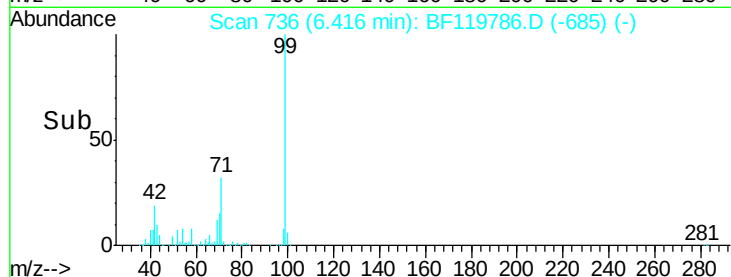
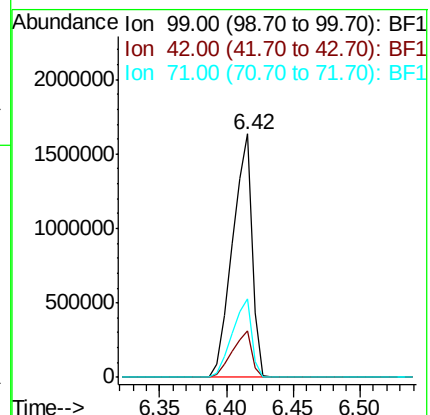
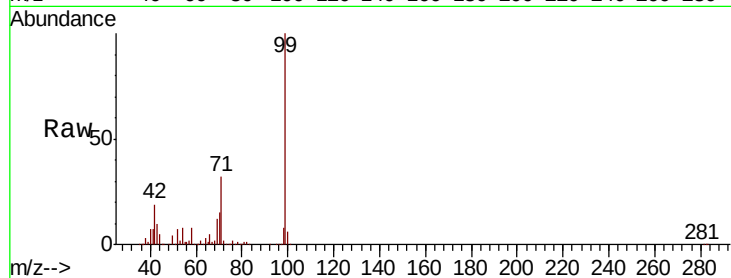
Tot Ion: 99 Resp: 1710114

Ion Ratio Lower Upper

99 100

42 18.9 16.6 24.8

71 32.2 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119786.D

Acq: 6 Apr 2020 22:37

Tgt Ion: 136 Resp: 672581

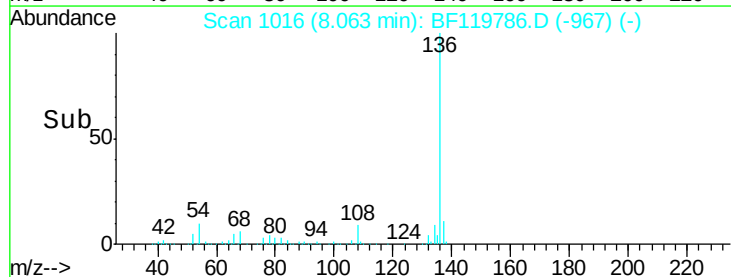
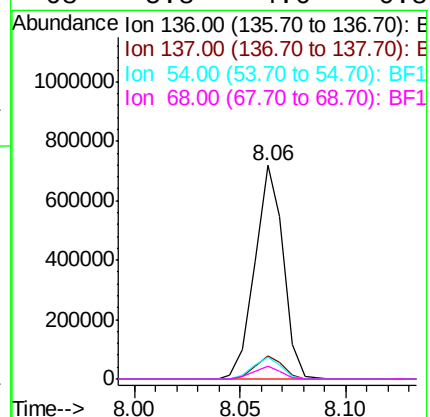
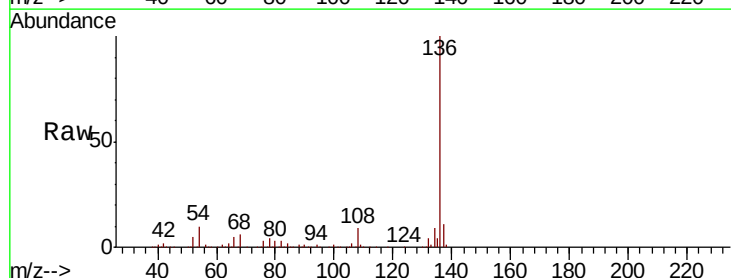
Ion Ratio Lower Upper

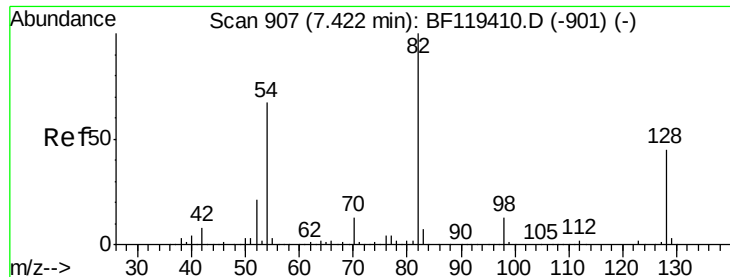
136 100

137 11.0 8.7 13.1

54 10.0 9.1 13.7

68 5.8 4.6 6.8

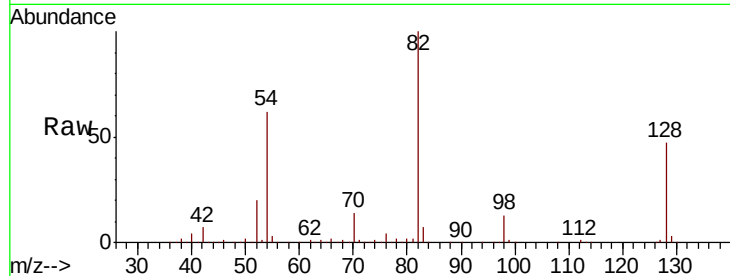




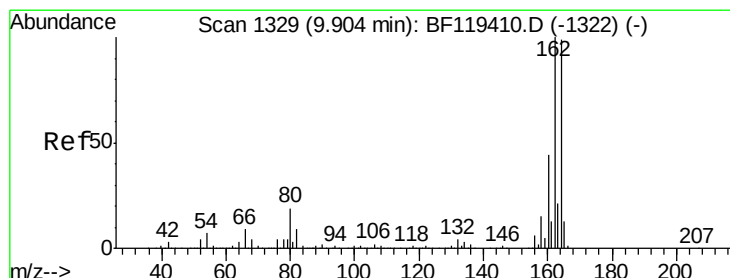
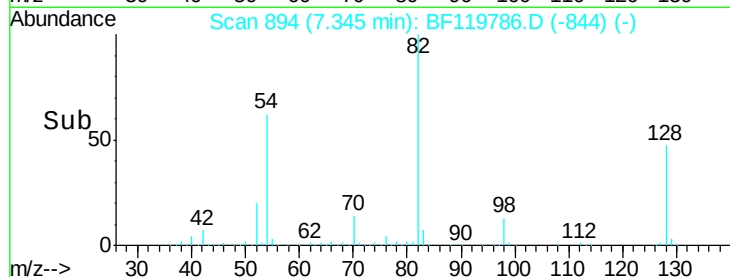
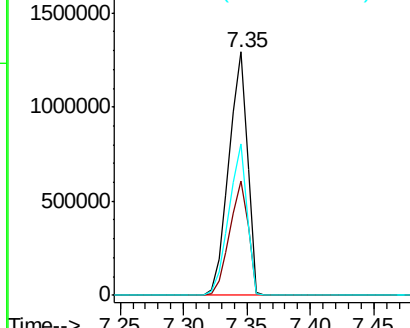
#23
Nitrobenzene-d5
Concen: 106.102 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion: 82 Resp: 1313064
Ion Ratio Lower Upper
82 100
128 46.9 36.3 54.5
54 62.1 50.6 75.8

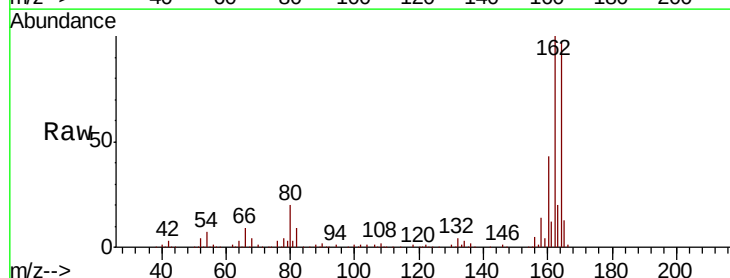


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

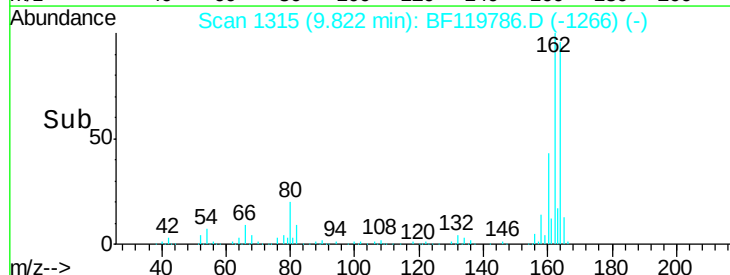
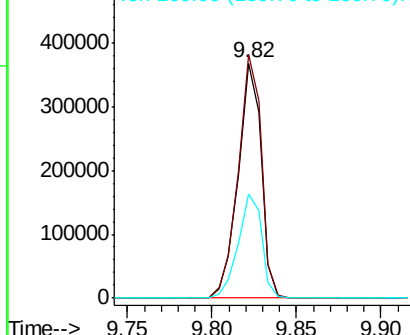


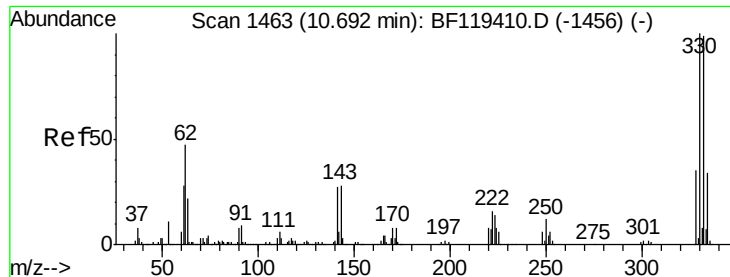
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

Tgt Ion:164 Resp: 350878
Ion Ratio Lower Upper
164 100
162 103.5 80.6 121.0
160 44.1 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

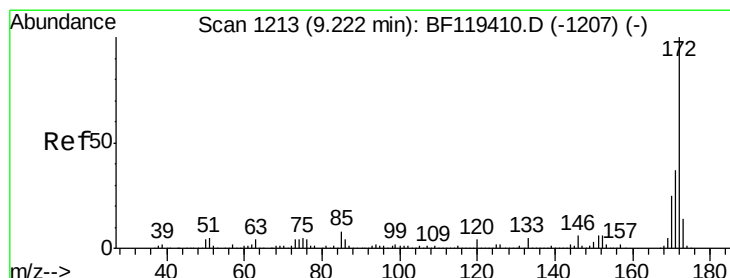
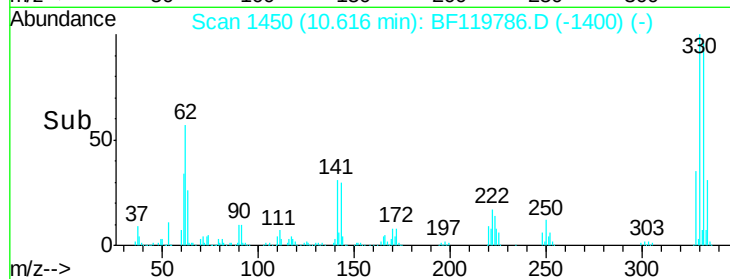
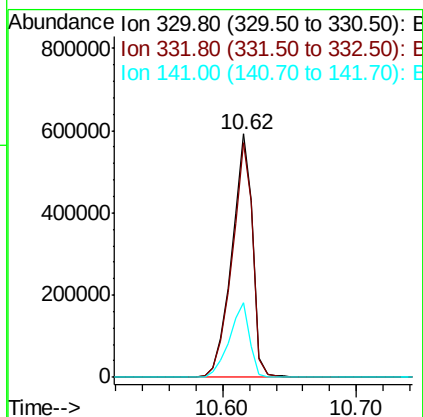
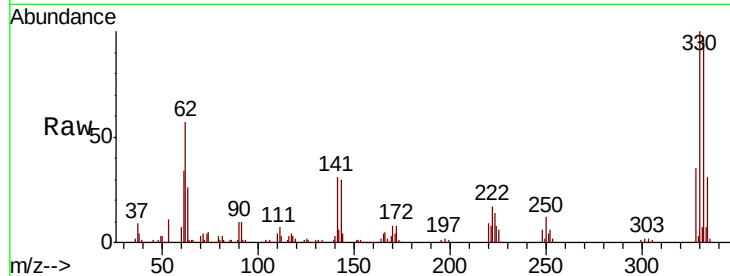




#42
 2,4,6-Tribromophenol
 Concen: 178.259 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

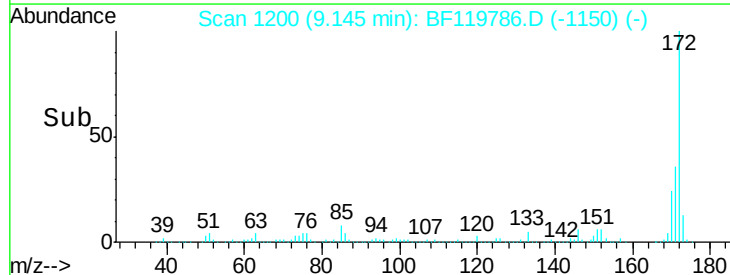
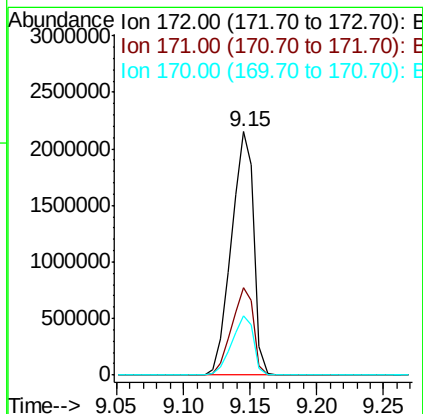
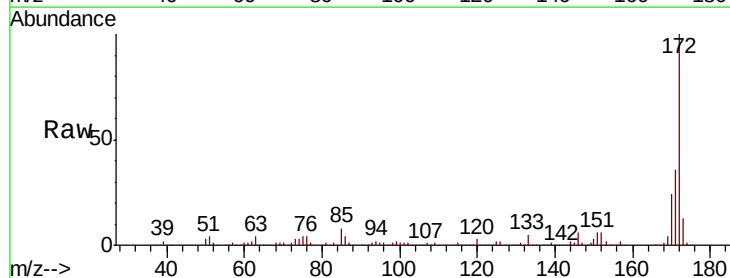
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

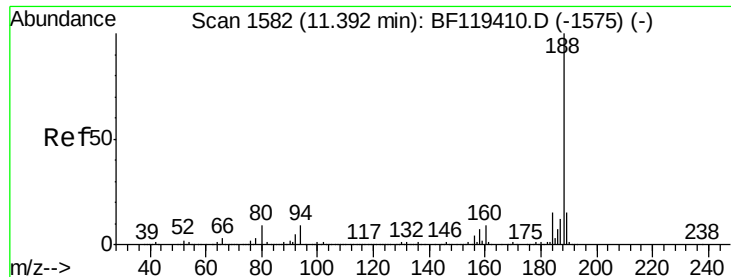
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	30.1	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 106.840 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	20.2	30.2

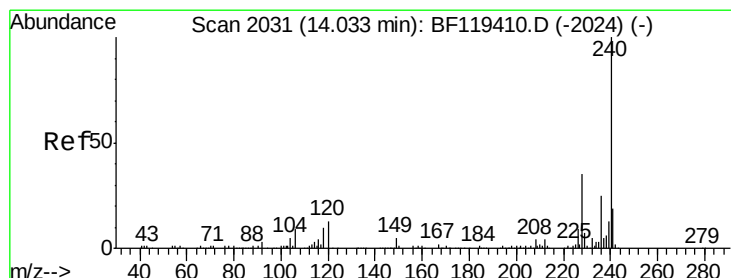
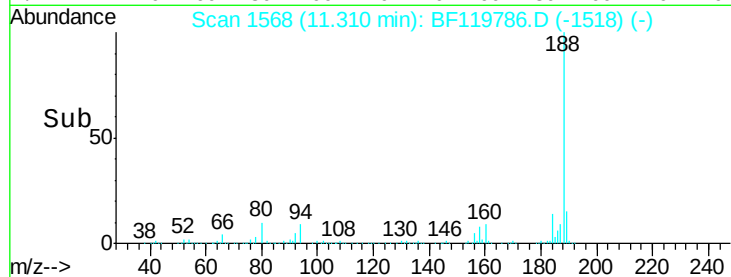
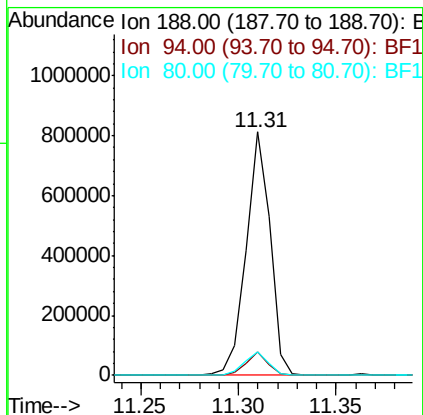
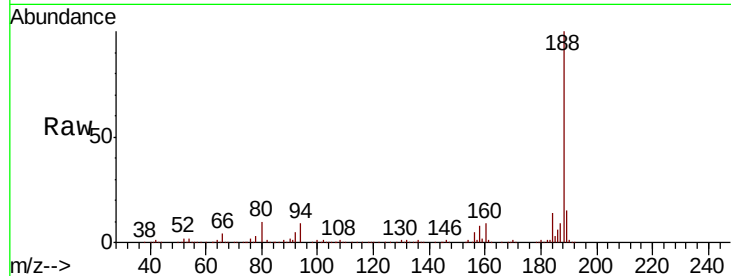




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

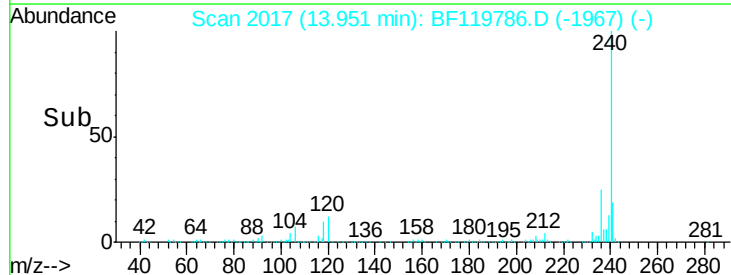
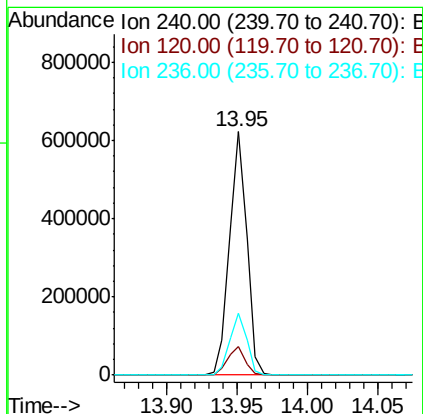
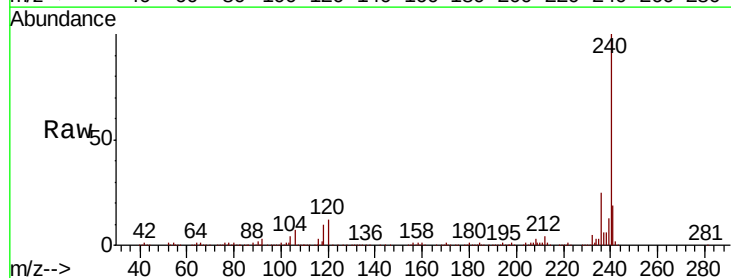
Instrument :
BNA_F
ClientSampled :
TP-4

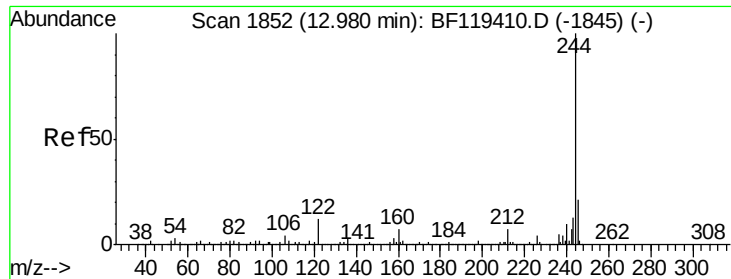
Tot Ion:188 Resp: 694045
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119786.D
Acq: 6 Apr 2020 22:37

Tgt Ion:240 Resp: 533989
Ion Ratio Lower Upper
240 100
120 11.8 10.6 15.8
236 25.5 20.2 30.2



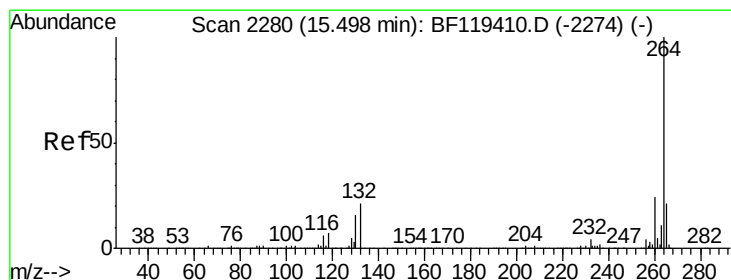
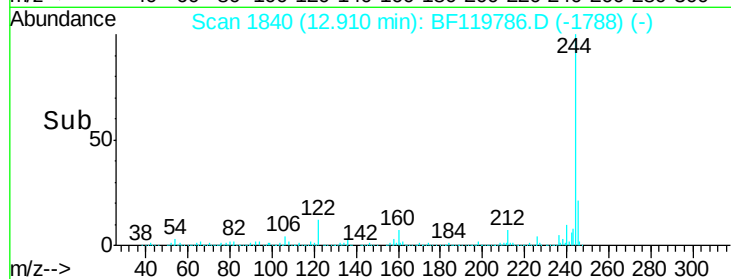
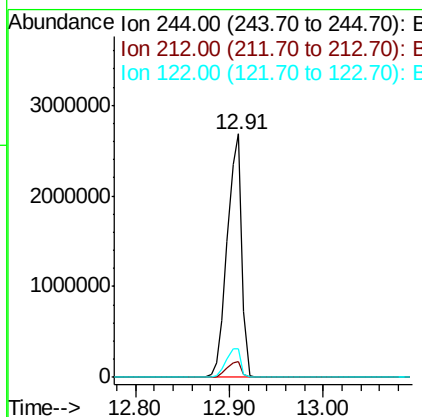
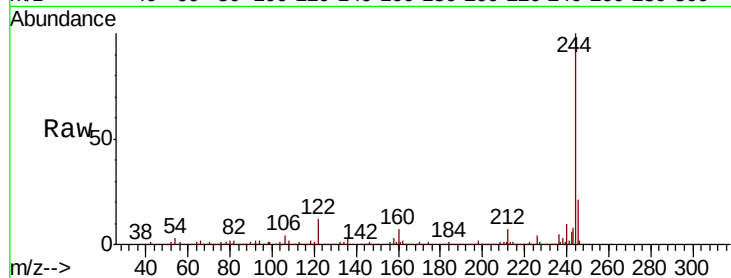


#79
 Terphenyl-d14
 Concen: 105.223 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:244 Resp: 2867869

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.8	10.3	15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF119786.D
 Acq: 6 Apr 2020 22:37

Tgt Ion:264 Resp: 495574

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.3	17.7	26.5

