

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119785.D
 Acq On : 6 Apr 2020 22:10
 Operator : MA/SJ
 Sample : L2129-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Apr 07 01:41:50 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	170403	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	642241	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	334260	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	661464	20.00	ng	0.00
76) Chrysene-d12	13.95	240	506264	20.00	ng	0.00
87) Perylene-d12	15.39	264	457563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1515087	141.54	ng	0.02
7) Phenol-d6	6.42	99	1739835	127.24	ng	0.00
23) Nitrobenzene-d5	7.35	82	1260327	106.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	636672	184.63	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2485690	110.17	ng	0.00
79) Terphenyl-d14	12.91	244	2844998	110.10	ng	0.00

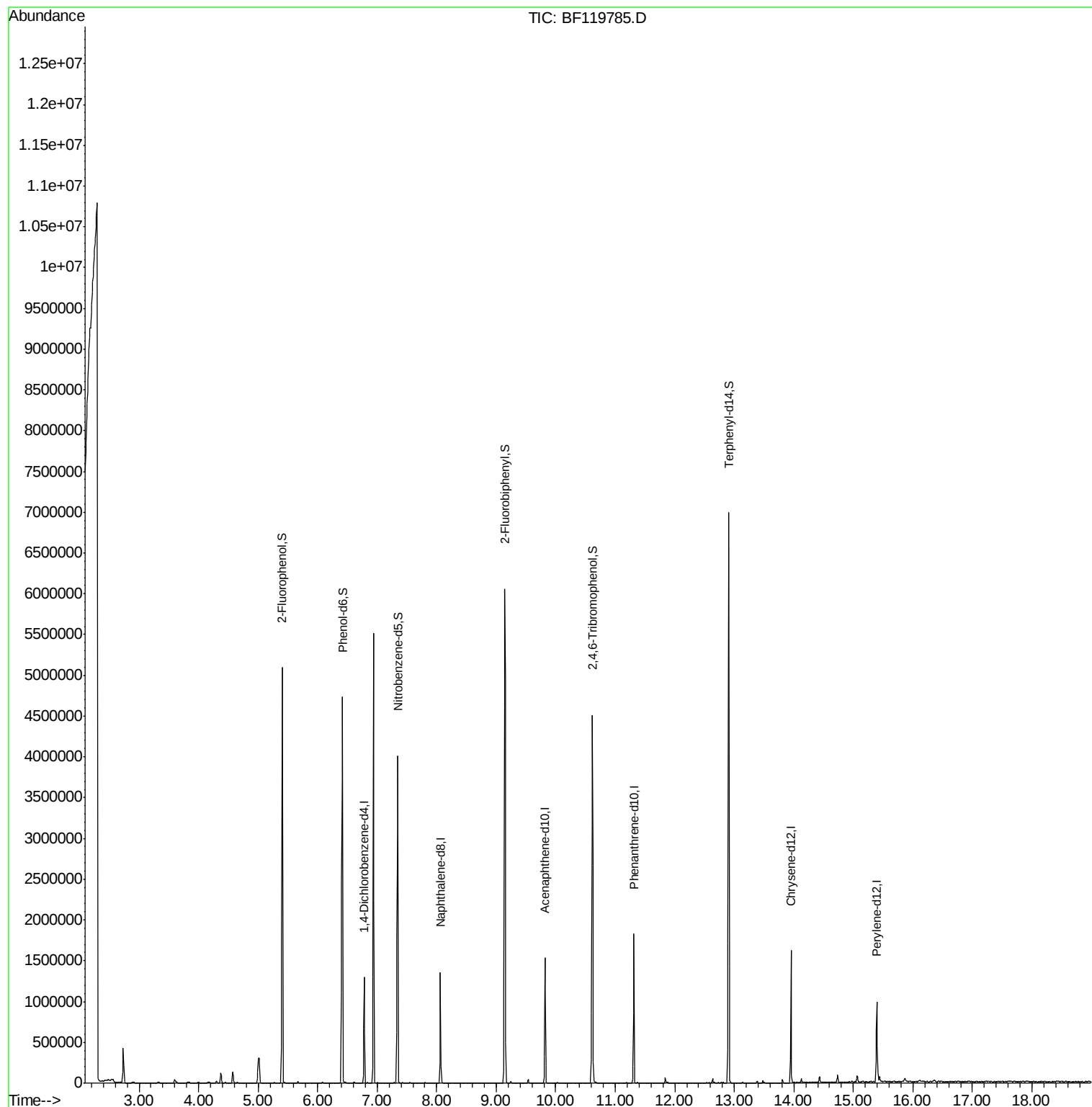
Target Compounds Qvalue

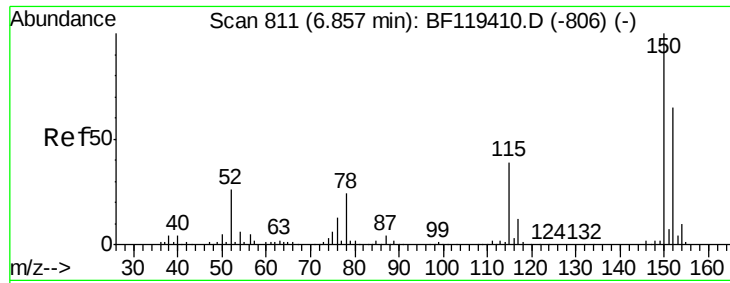
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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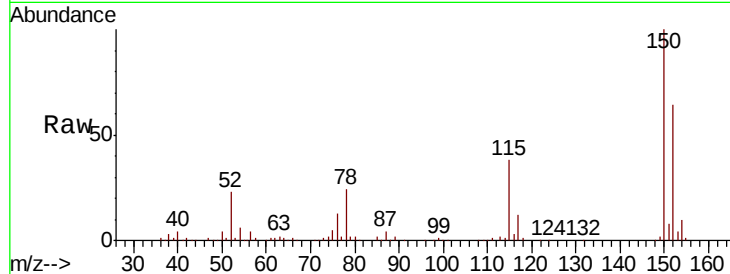


#1

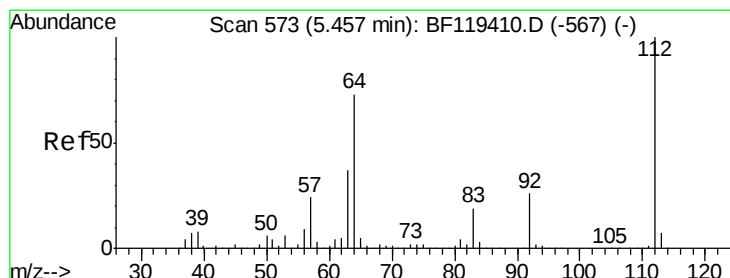
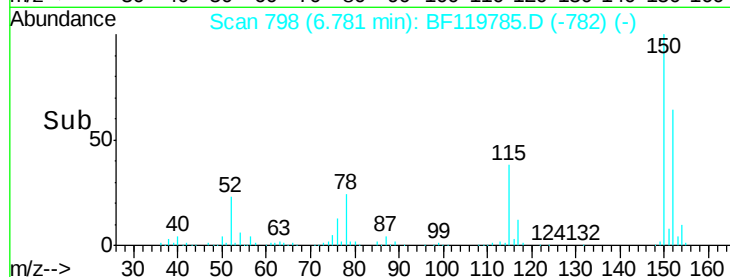
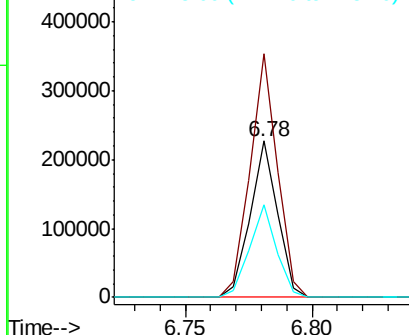
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:152 Resp: 170403
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 59.2 49.6 74.4



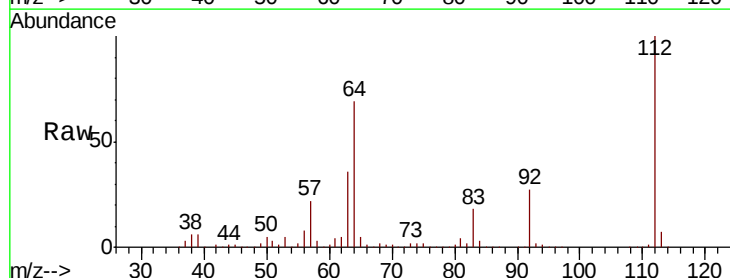
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



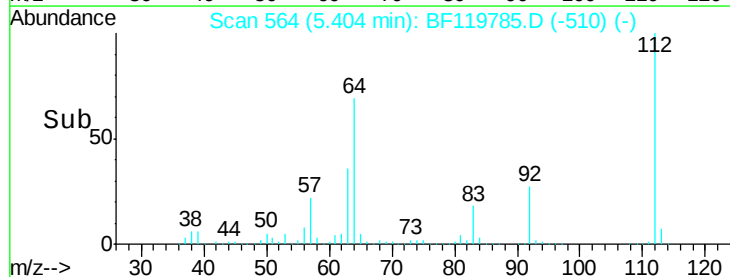
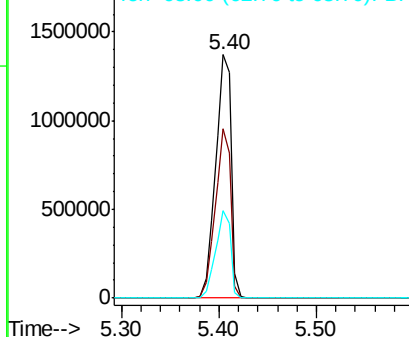
#5

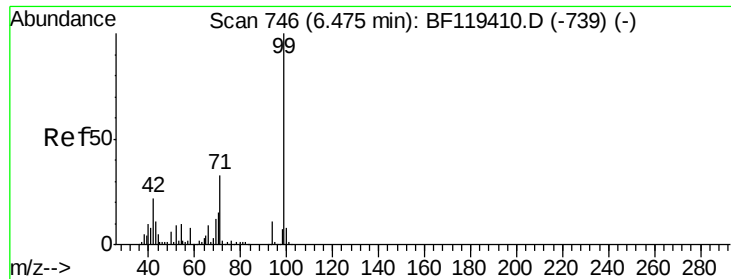
2-Fluorophenol
Concen: 141.539 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Tgt Ion:112 Resp: 1515087
Ion Ratio Lower Upper
112 100
64 69.3 56.7 85.1
63 35.7 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: 127.236 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119785.D

Acq: 6 Apr 2020 22:10

Instrument :

BNA_F

ClientSampleId :

TP-7

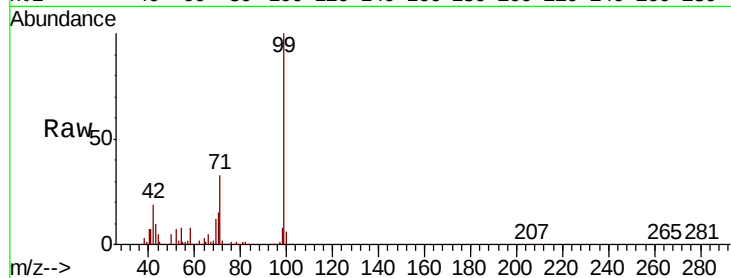
Tot Ion: 99 Resp: 1739835

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

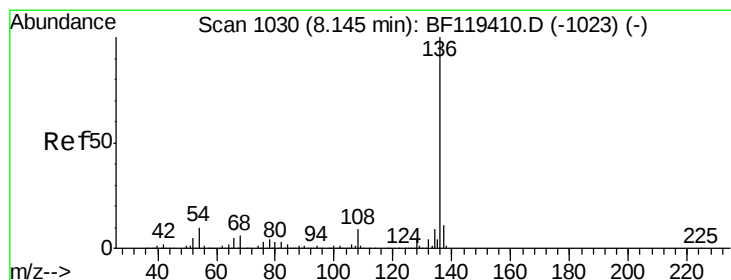
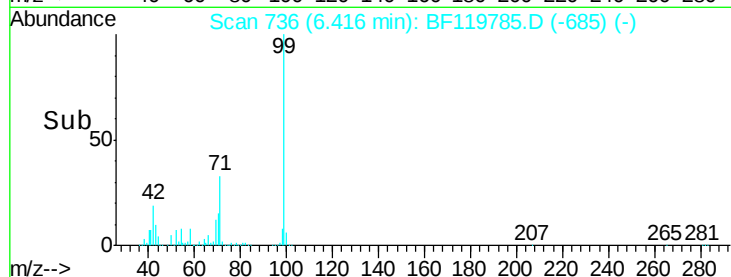
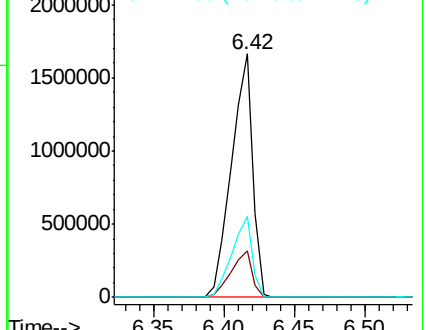
71 33.0 26.4 39.6



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: BF119785.D

Acq: 6 Apr 2020 22:10

Tgt Ion: 136 Resp: 642241

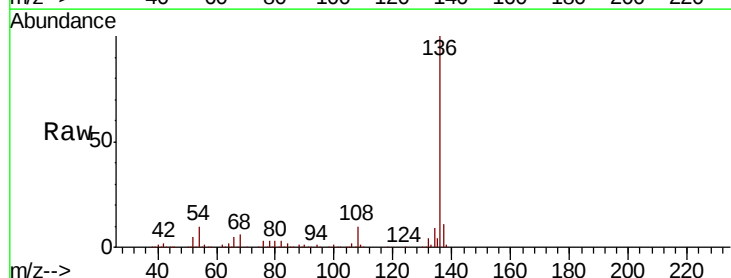
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.3 9.1 13.7

68 5.8 4.6 6.8

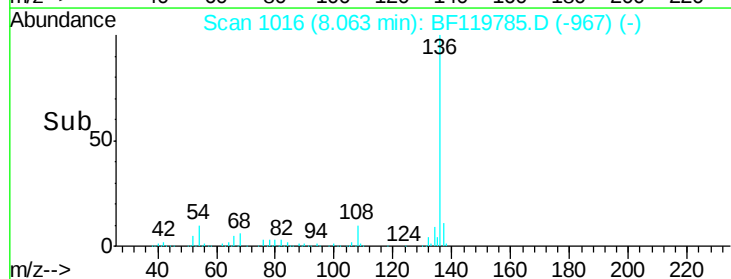
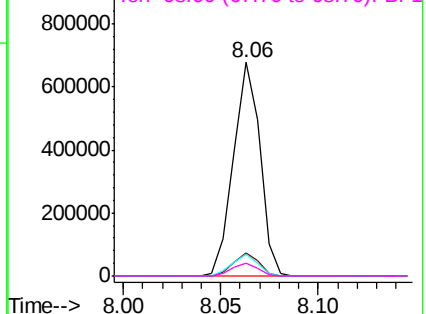


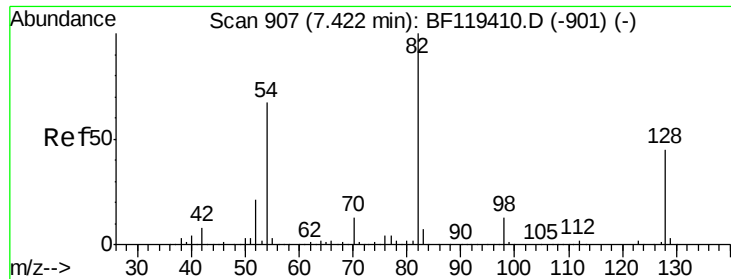
Abundance Ion 136.00 (135.70 to 136.70): E

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

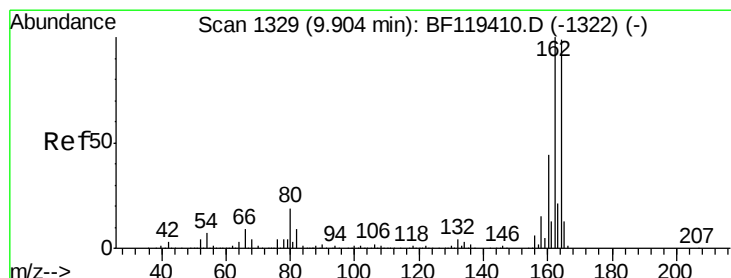
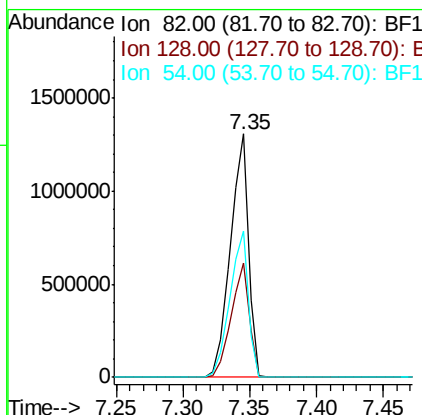
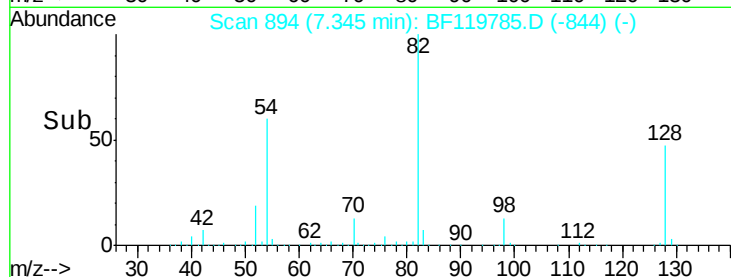
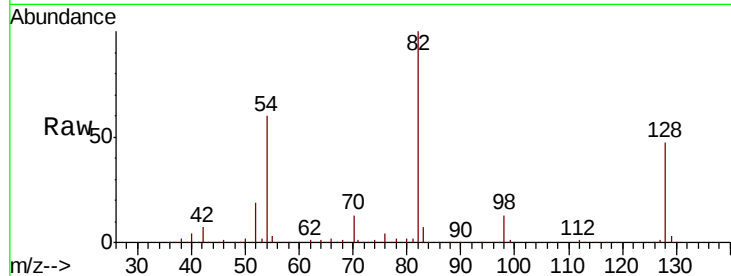




#23
Nitrobenzene-d5
Concen: 106.652 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

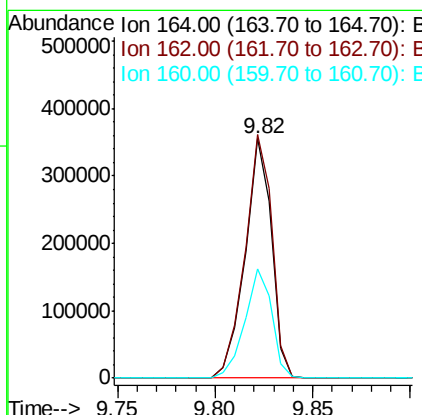
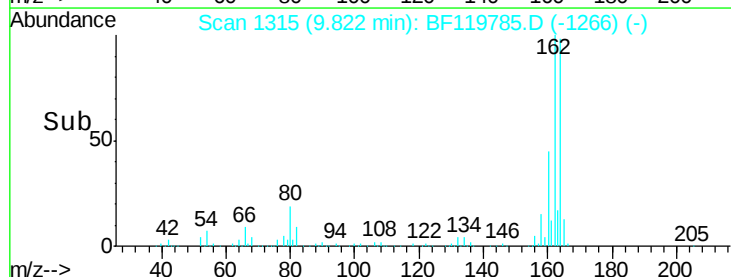
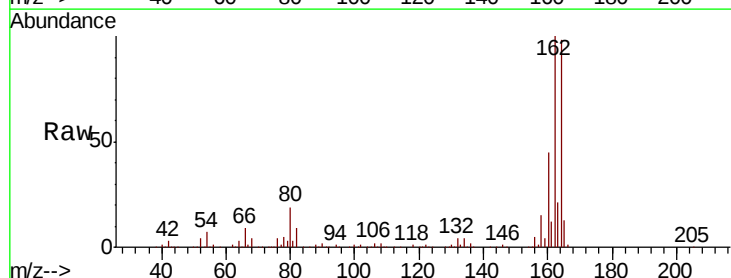
Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion: 82 Resp: 1260327
Ion Ratio Lower Upper
82 100
128 46.8 36.3 54.5
54 60.2 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Tgt Ion:164 Resp: 334260
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 45.8 35.7 53.5

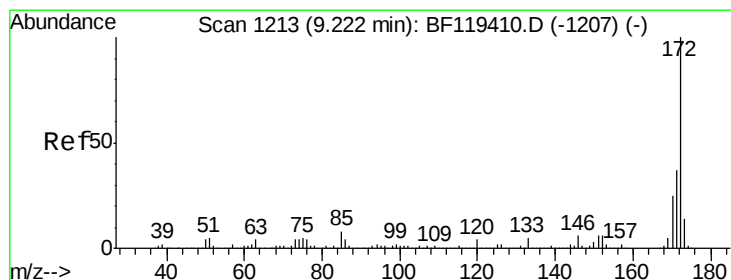
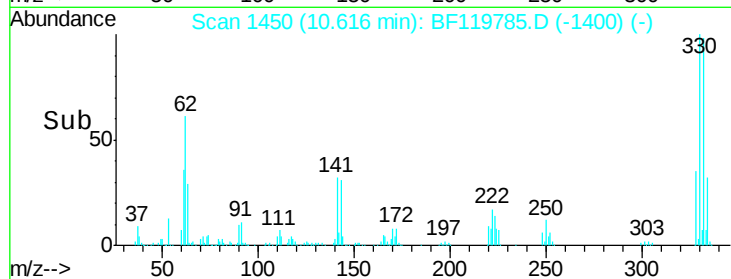
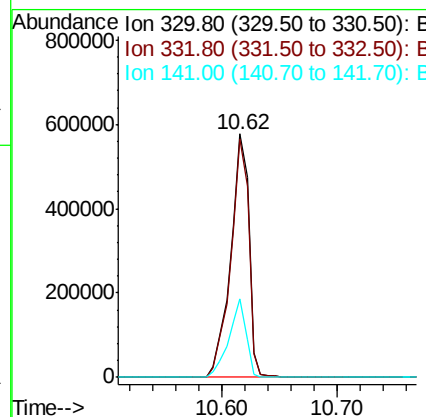
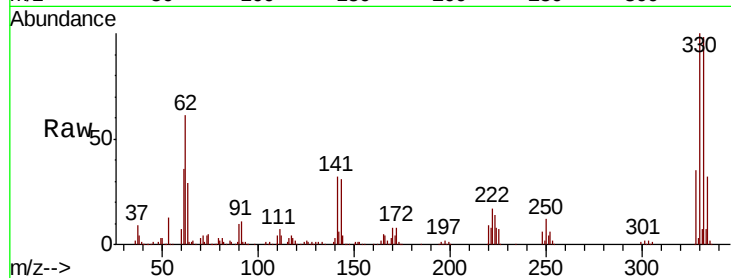




#42
 2,4,6-Tribromophenol
 Concen: 184.626 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119785.D
 Acq: 6 Apr 2020 22:10

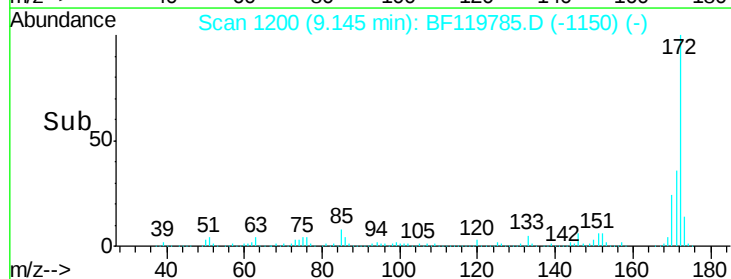
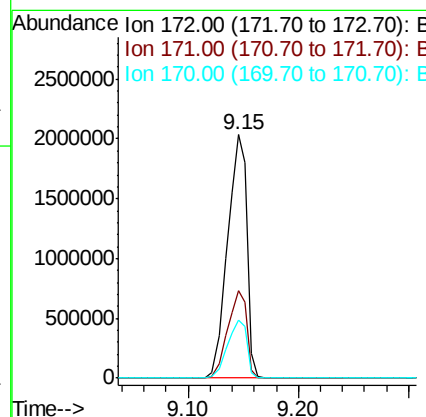
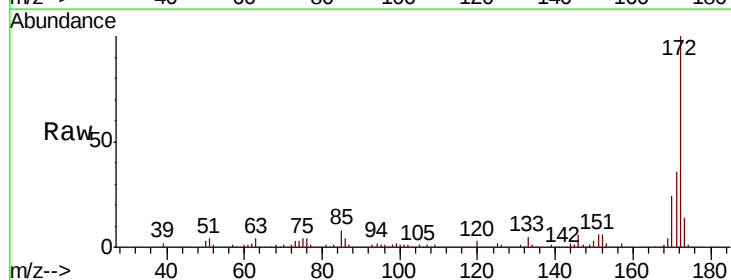
Instrument :
 BNA_F
 ClientSampleId :
 TP-7

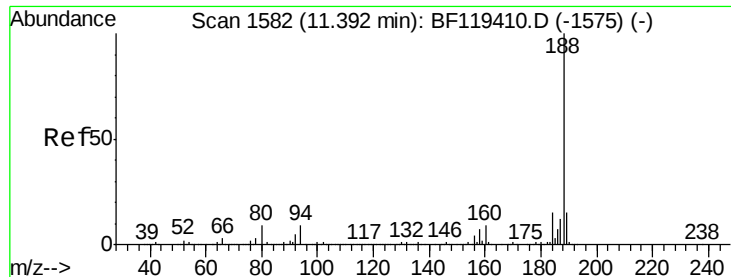
Tot Ion:330 Resp: 636672
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 30.3 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 110.168 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119785.D
 Acq: 6 Apr 2020 22:10

Tgt Ion:172 Resp: 2485690
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 20.2 30.2

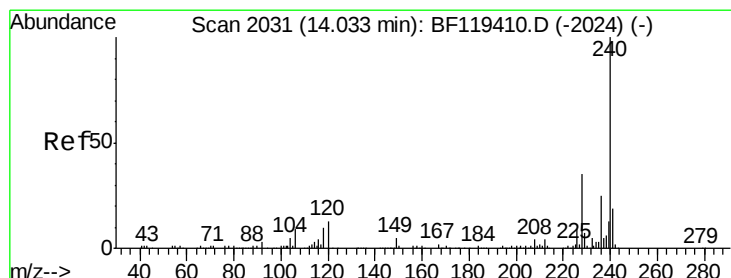
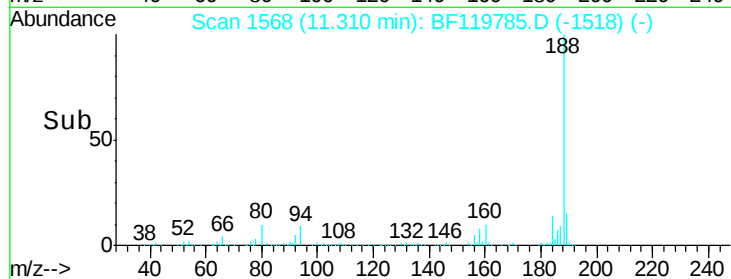
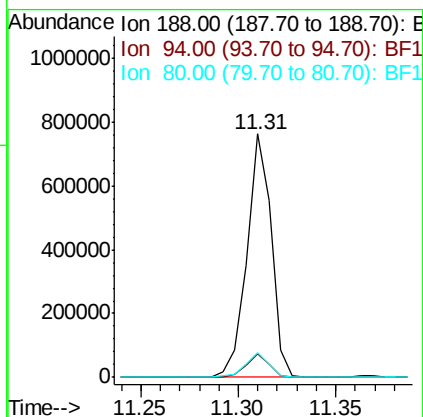
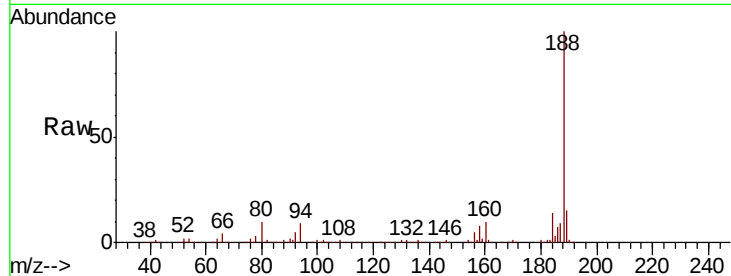




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

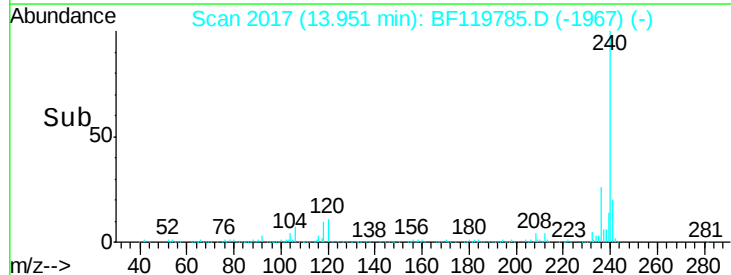
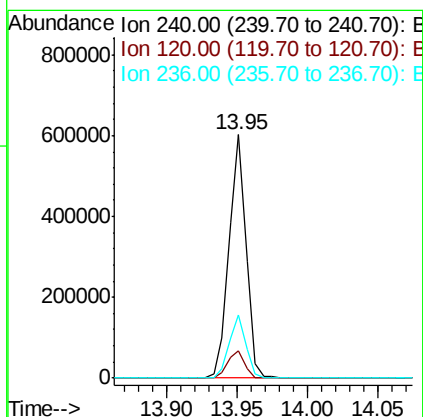
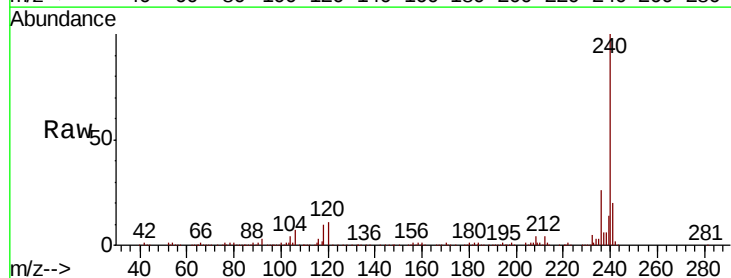
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BNA_F
ClientSampled :
TP-7

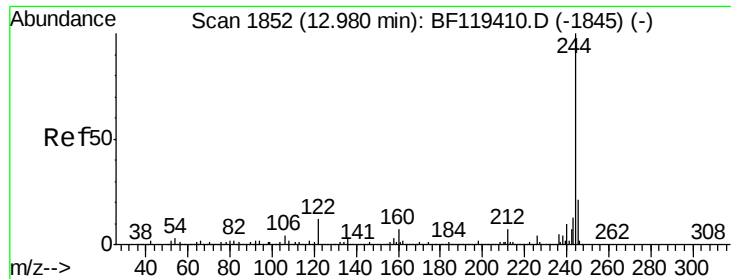
Tot Ion:188 Resp: 661464
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119785.D
Acq: 6 Apr 2020 22:10

Tgt Ion:240 Resp: 506264
Ion Ratio Lower Upper
240 100
120 11.1 10.6 15.8
236 26.1 20.2 30.2

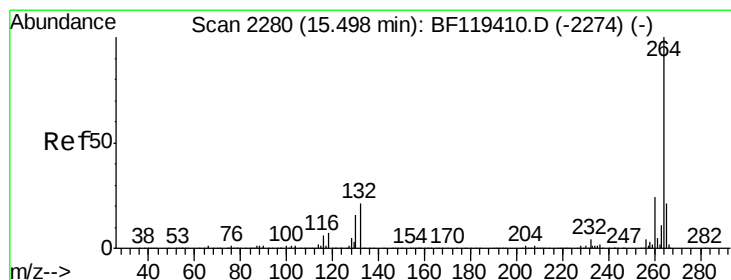
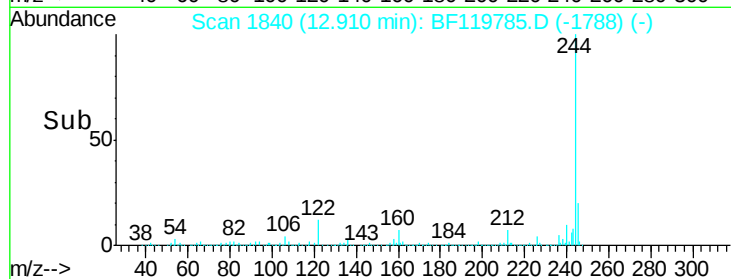
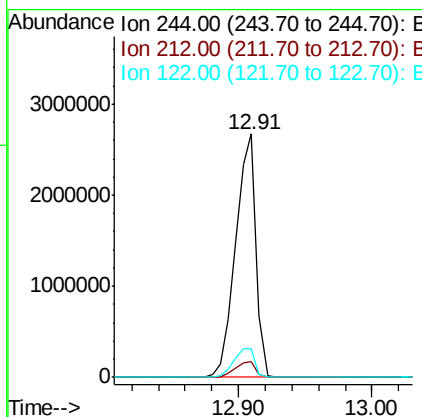
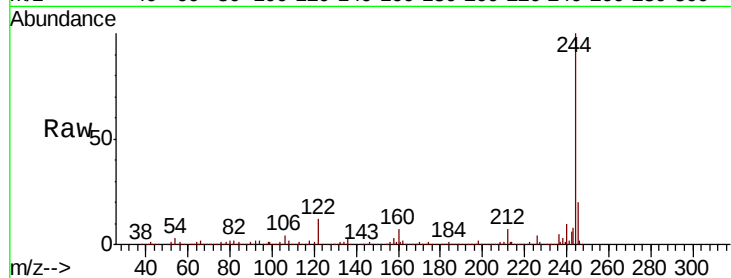




#79
 Terphenyl-d14
 Concen: 110.100 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119785.D
 Acq: 6 Apr 2020 22:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion:244 Resp: 2844998
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF119785.D
 Acq: 6 Apr 2020 22:10

Tgt Ion:264 Resp: 457563
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 20.8 17.7 26.5

