

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119783.D
 Acq On : 6 Apr 2020 21:16
 Operator : MA/SJ
 Sample : L2129-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Apr 07 01:34:20 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	174339	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	666019	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	335529	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	659932	20.00	ng	0.00
76) Chrysene-d12	13.95	240	494849	20.00	ng	0.00
87) Perylene-d12	15.40	264	298480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1640578	149.80	ng	0.02
7) Phenol-d6	6.42	99	1893706	135.36	ng	0.00
23) Nitrobenzene-d5	7.35	82	1387882	113.25	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	647250	186.98	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2538261	112.07	ng	0.00
79) Terphenyl-d14	12.91	244	2841340	112.49	ng	0.00

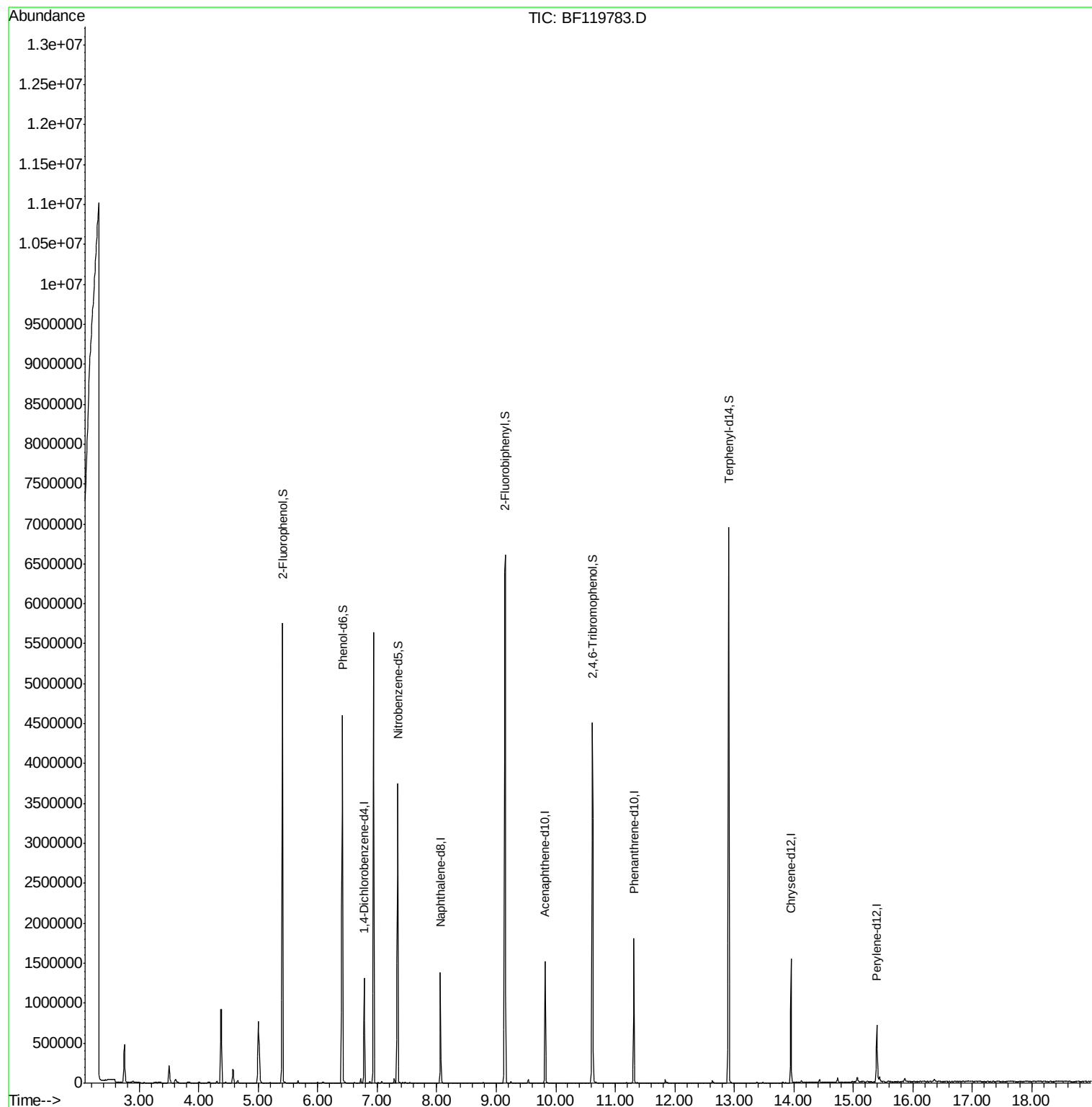
Target Compounds Qvalue

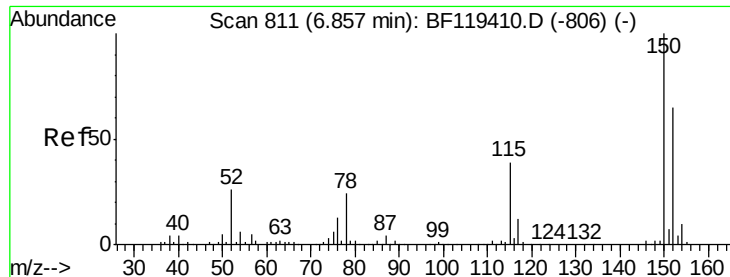
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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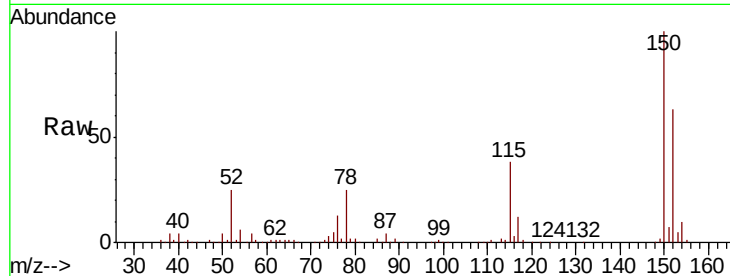


#1

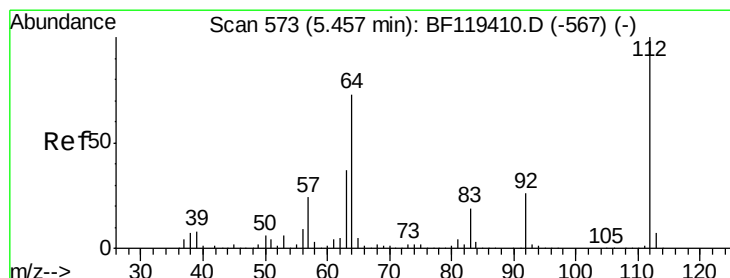
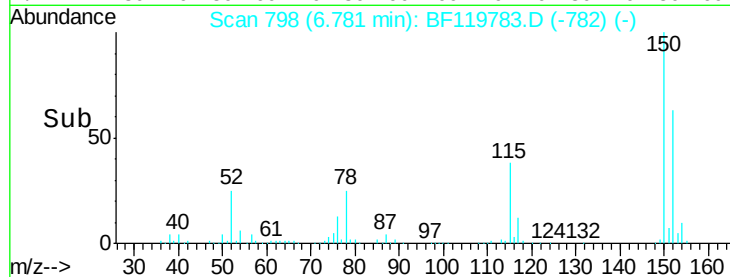
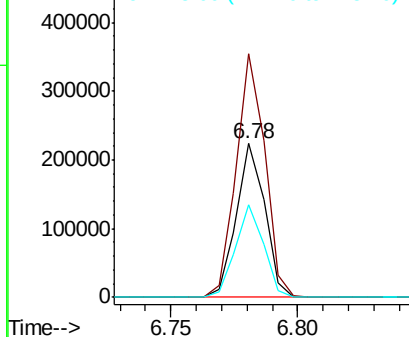
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119783.D
Acq: 6 Apr 2020 21:16

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion:152 Resp: 174339
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 60.1 49.6 74.4



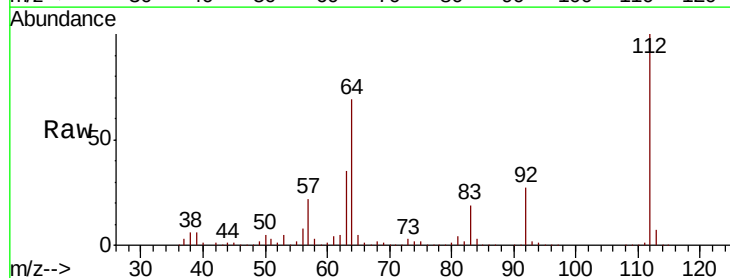
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



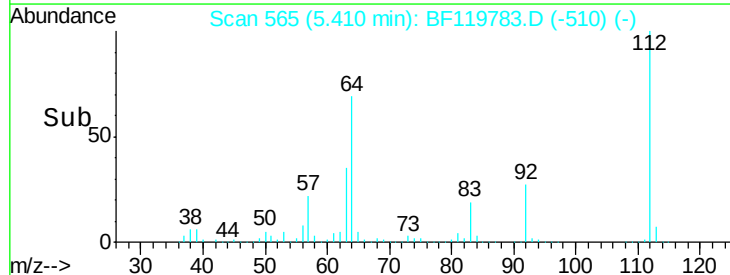
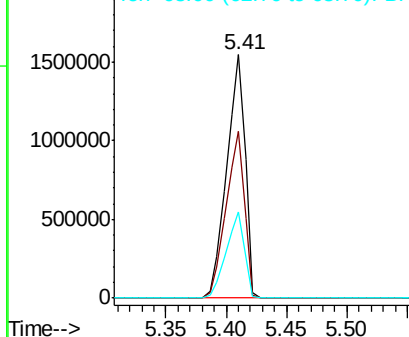
#5

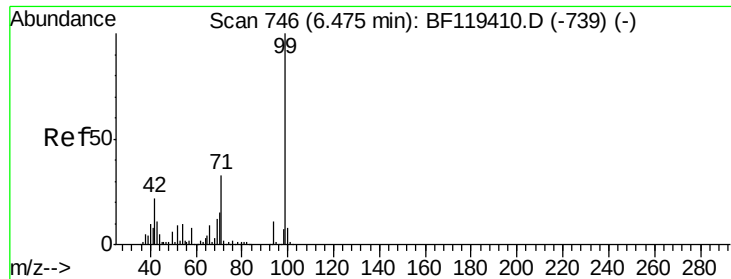
2-Fluorophenol
Concen: 149.803 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119783.D
Acq: 6 Apr 2020 21:16

Tgt Ion:112 Resp: 1640578
Ion Ratio Lower Upper
112 100
64 68.6 56.7 85.1
63 35.4 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: 135.362 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119783.D

Acq: 6 Apr 2020 21:16

Instrument :

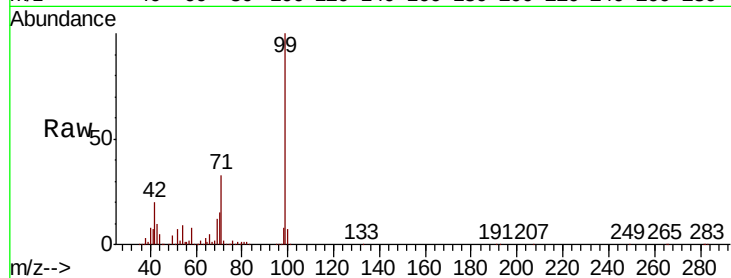
BNA_F

ClientSampleId :

TP-9

Tot Ion: 99 Resp: 1893706

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.6	24.8
71	32.9	26.4	39.6



Abundance

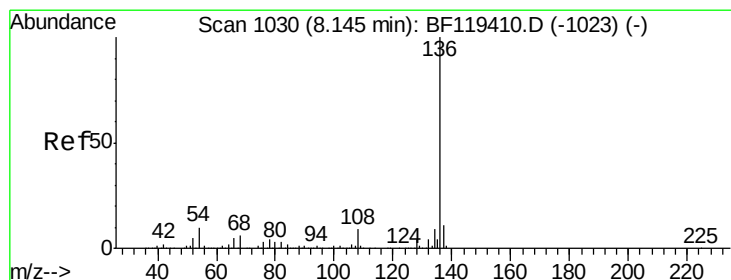
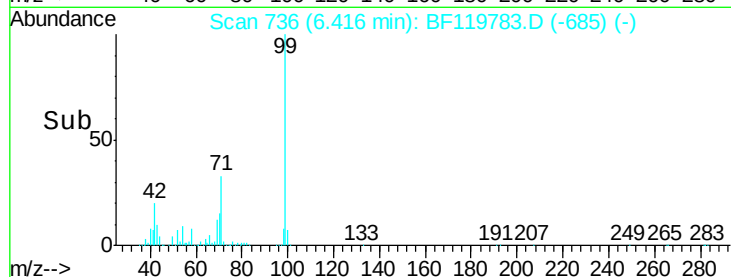
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.42

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

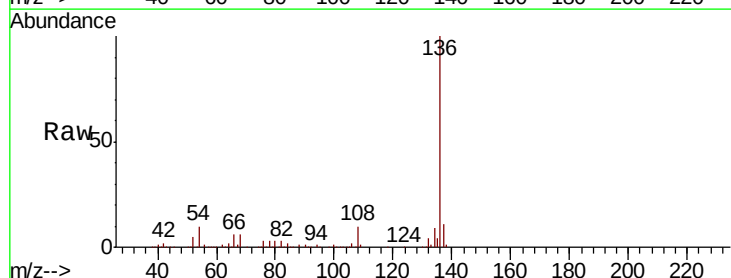
Delta R.T. -0.01 min

Lab File: BF119783.D

Acq: 6 Apr 2020 21:16

Tgt Ion: 136 Resp: 666019

Ion	Ratio	Lower	Upper
136	100		
137	11.2	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

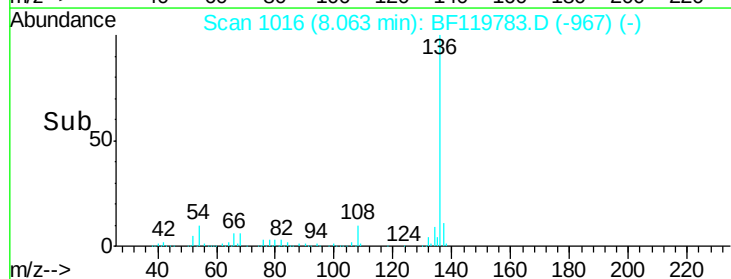
Ion 137.00 (136.70 to 137.70): E

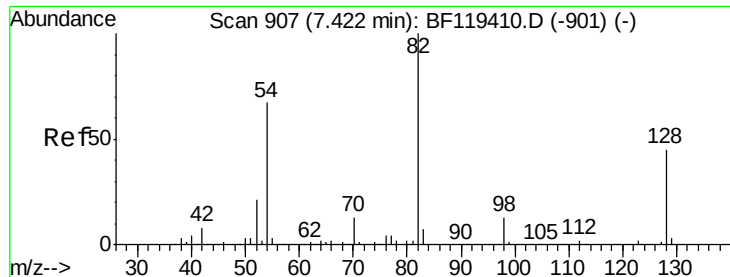
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.06

Time-->

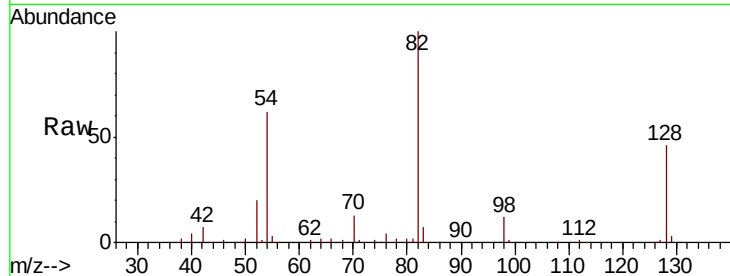




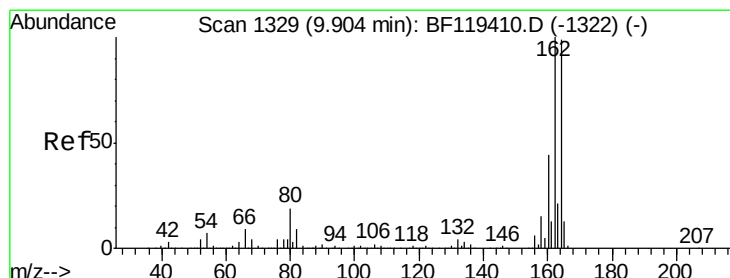
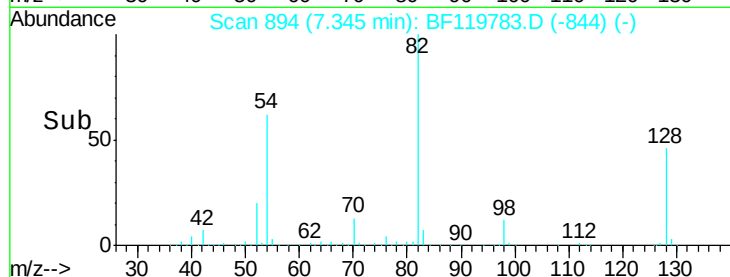
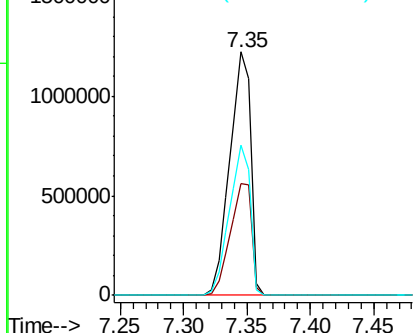
#23
Nitrobenzene-d5
Concen: 113.253 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119783.D
Acq: 6 Apr 2020 21:16

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion: 82 Resp: 1387882
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 61.7 50.6 75.8

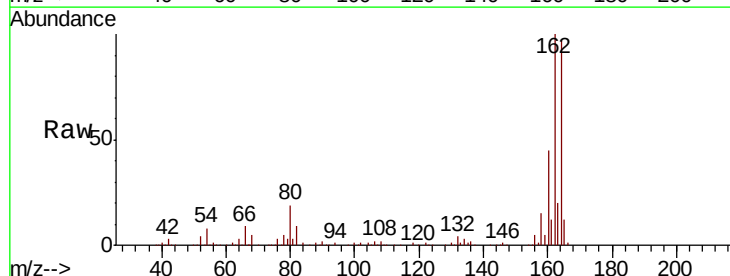


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

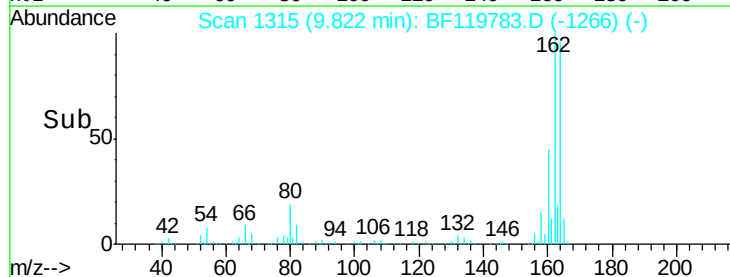
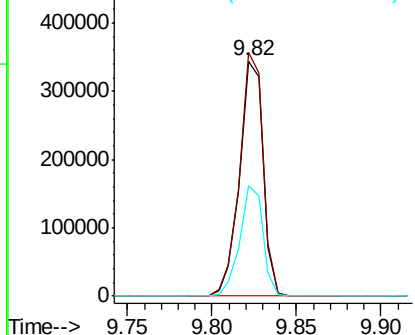


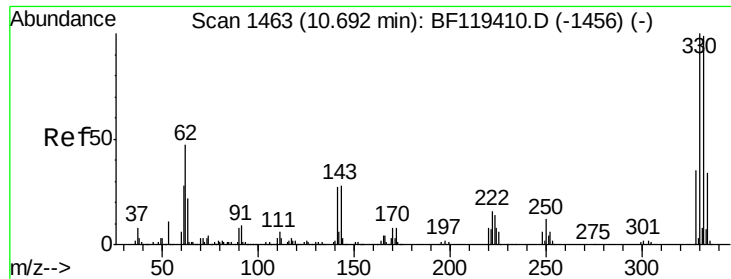
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119783.D
Acq: 6 Apr 2020 21:16

Tgt Ion:164 Resp: 335529
Ion Ratio Lower Upper
164 100
162 103.5 80.6 121.0
160 46.8 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

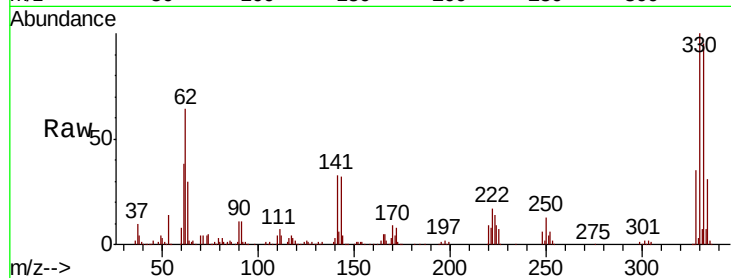




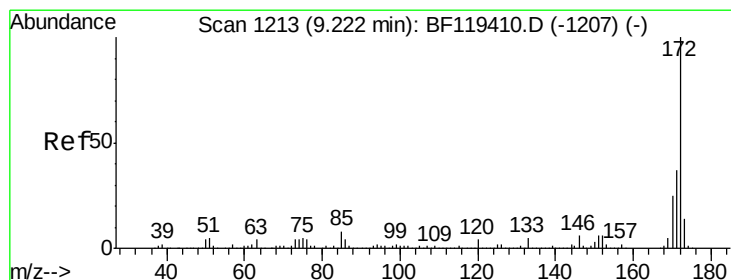
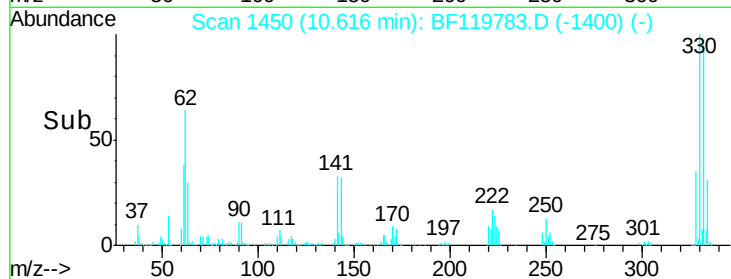
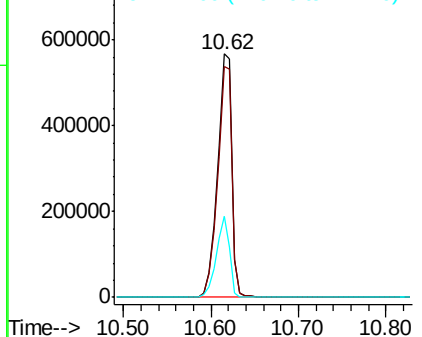
#42
 2,4,6-Tribromophenol
 Concen: 186.984 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119783.D
 Acq: 6 Apr 2020 21:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tot Ion:330 Resp: 647250
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.7 113.5
 141 30.4 25.4 38.0

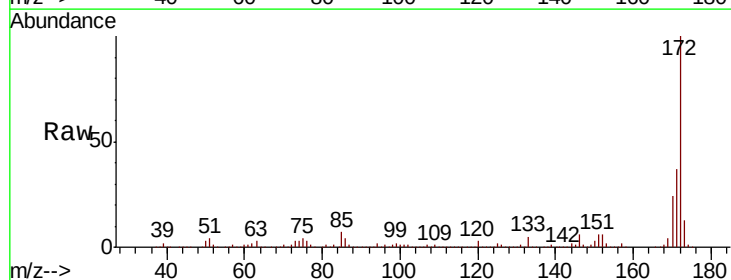


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

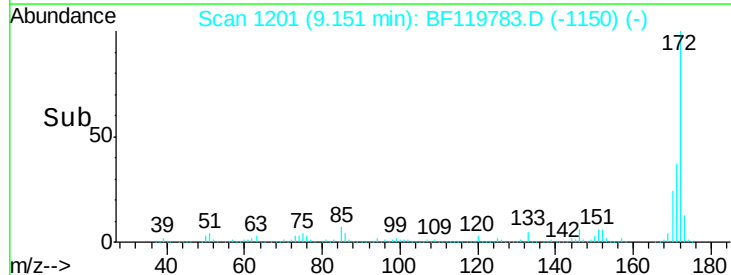
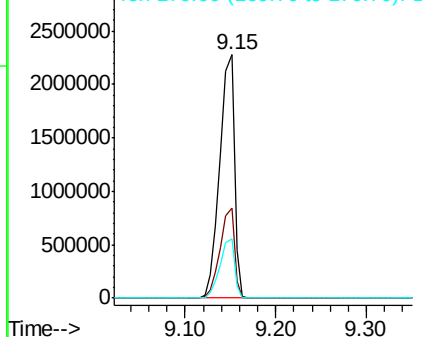


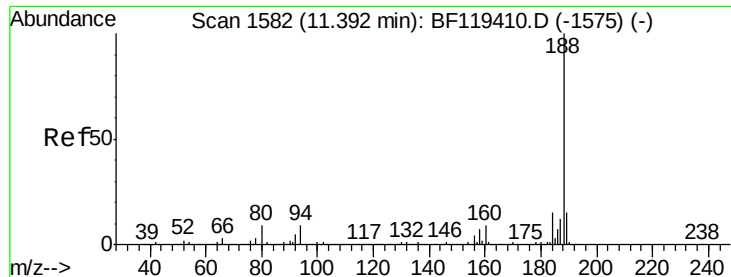
#45
 2-Fluorobiphenyl
 Concen: 112.073 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119783.D
 Acq: 6 Apr 2020 21:16

Tgt Ion:172 Resp: 2538261
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.3 20.2 30.2



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

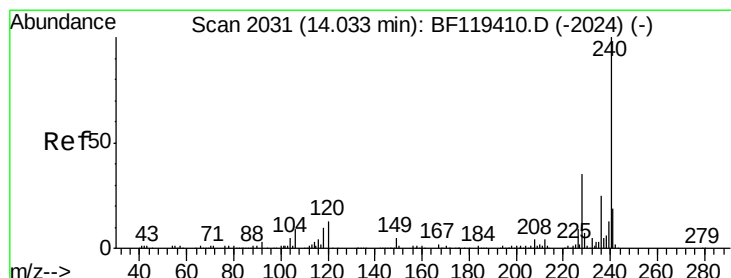
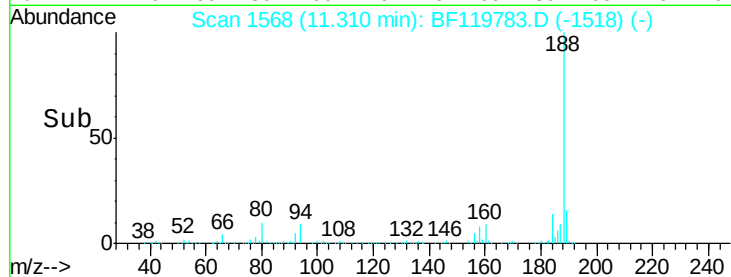
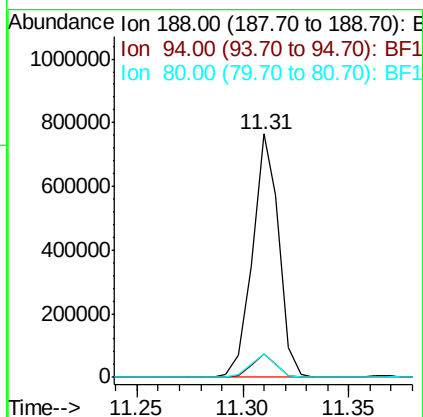
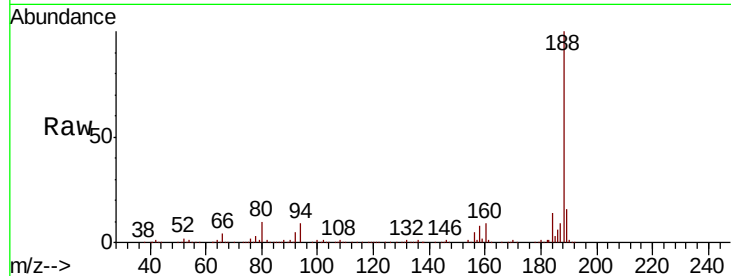




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119783.D
Acq: 6 Apr 2020 21:16

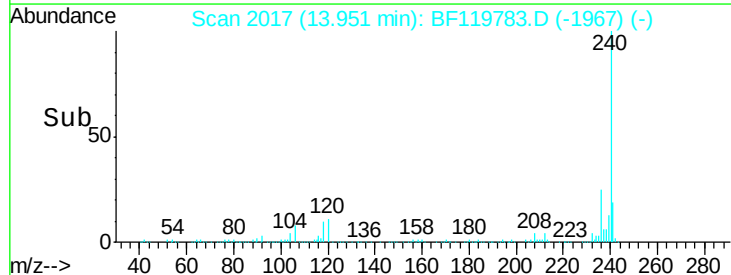
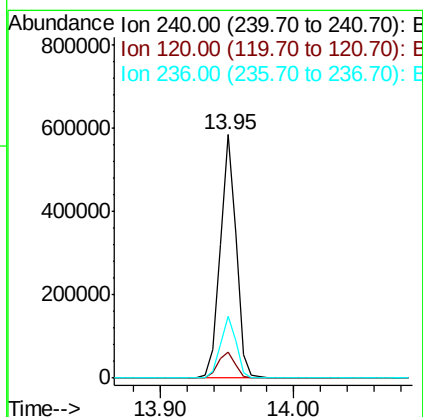
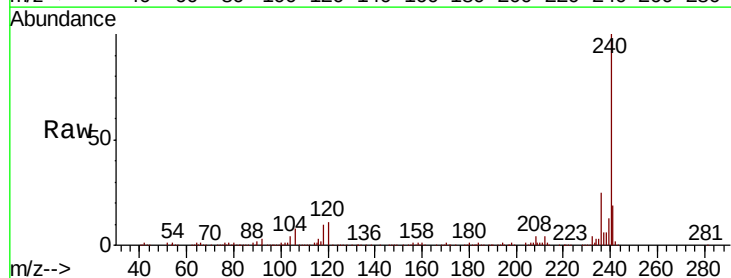
Instrument :
BNA_F
ClientSampled :
TP-9

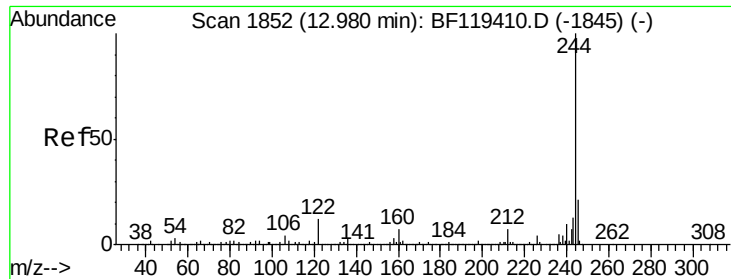
Tot Ion:188 Resp: 659932
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119783.D
Acq: 6 Apr 2020 21:16

Tgt Ion:240 Resp: 494849
Ion Ratio Lower Upper
240 100
120 10.9 10.6 15.8
236 25.4 20.2 30.2

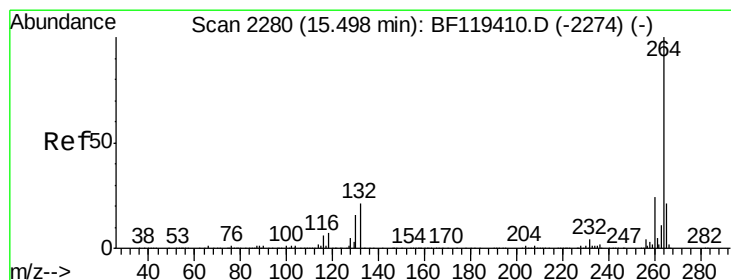
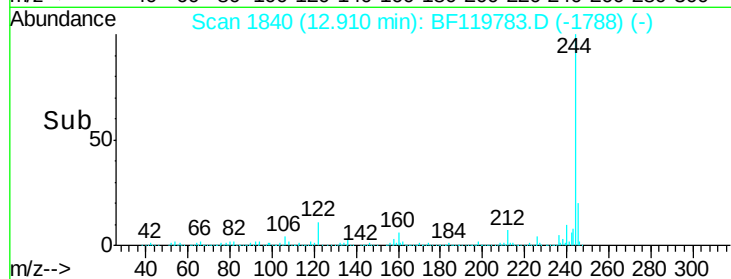
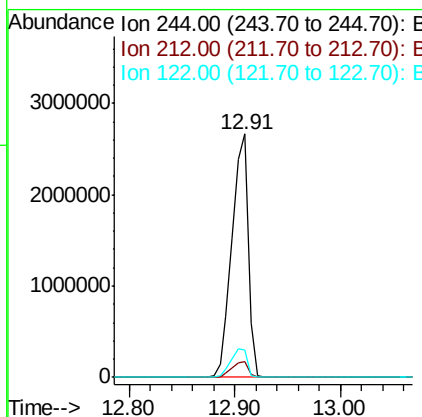
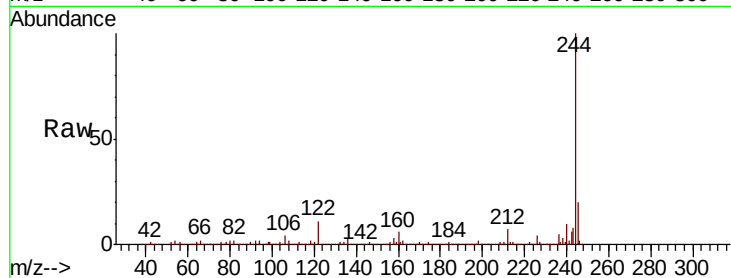




#79
 Terphenyl-d14
 Concen: 112.495 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119783.D
 Acq: 6 Apr 2020 21:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tot Ion:244 Resp: 2841340
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 11.4 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.00 min
 Lab File: BF119783.D
 Acq: 6 Apr 2020 21:16

Tgt Ion:264 Resp: 298480
 Ion Ratio Lower Upper
 264 100
 260 26.2 18.7 28.1
 265 21.6 17.7 26.5

