

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119843.D
 Acq On : 9 Apr 2020 00:17
 Operator : MA/SJ
 Sample : PB128044BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BL

Quant Time: Apr 09 02:28:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	148023	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	567683	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	300262	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	629254	20.00	ng	0.00
76) Chrysene-d12	13.93	240	564813	20.00	ng	0.00
87) Perylene-d12	15.37	264	533367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1351080	157.74	ng	0.01
7) Phenol-d6	6.40	99	1749641	158.53	ng	0.00
23) Nitrobenzene-d5	7.33	82	1095844	99.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	549053	149.35	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2116011	100.06	ng	0.00
79) Terphenyl-d14	12.89	244	2751325	81.97	ng	0.00

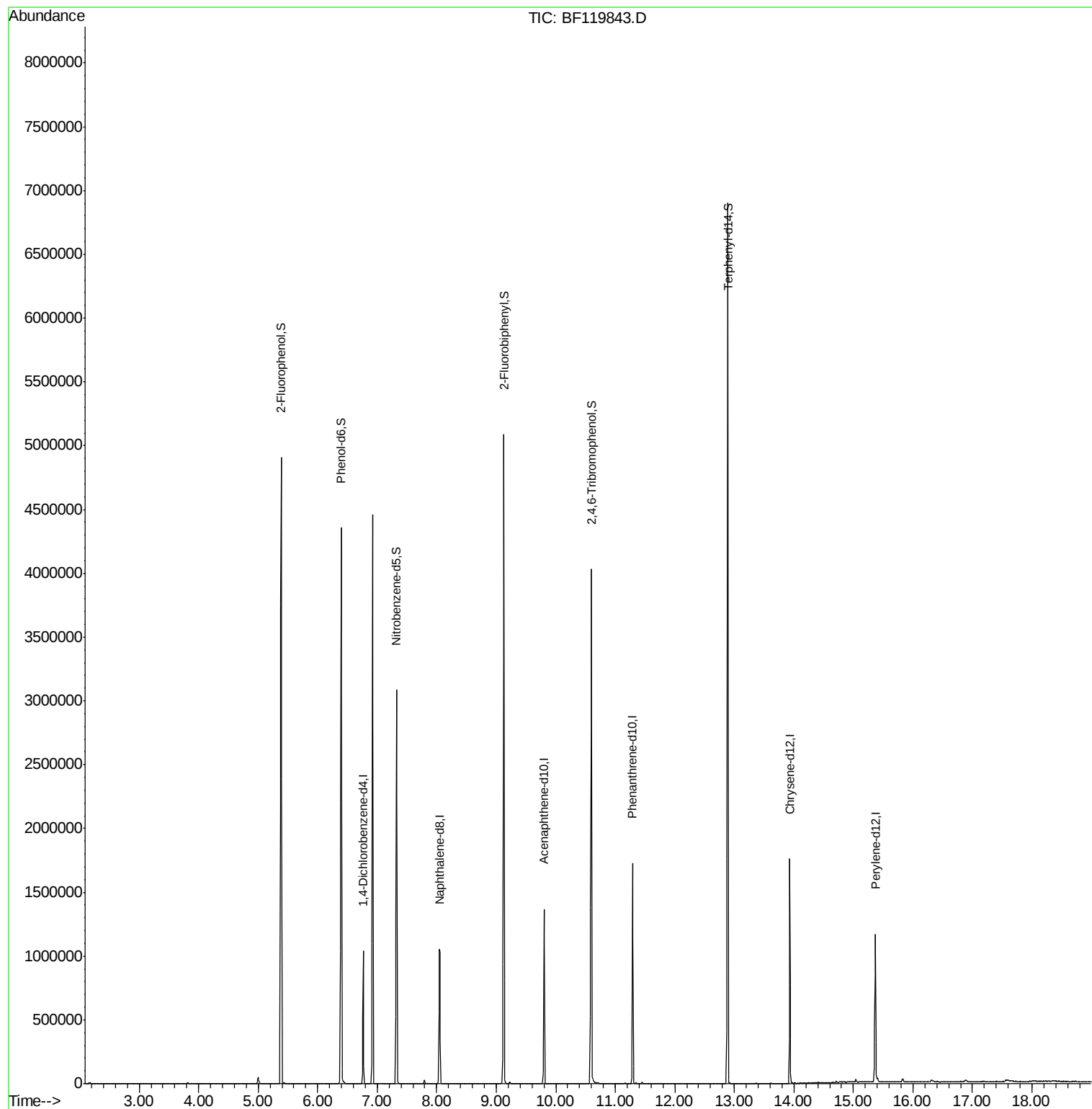
Target Compounds Qvalue

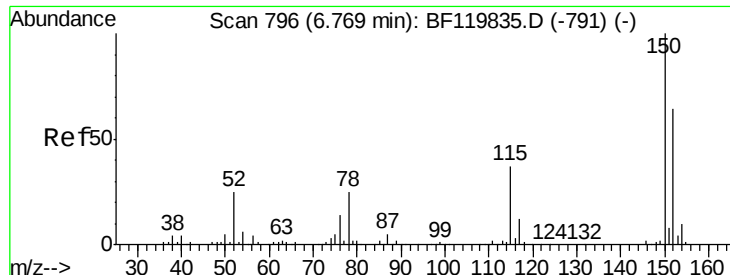
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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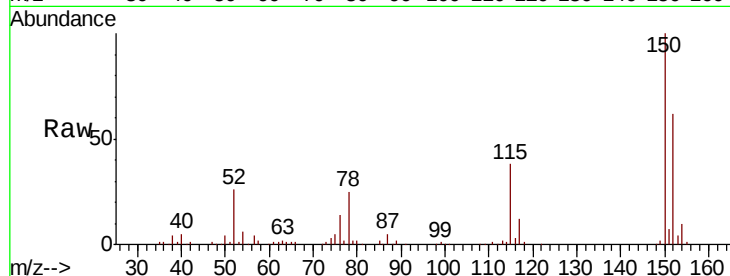


#1

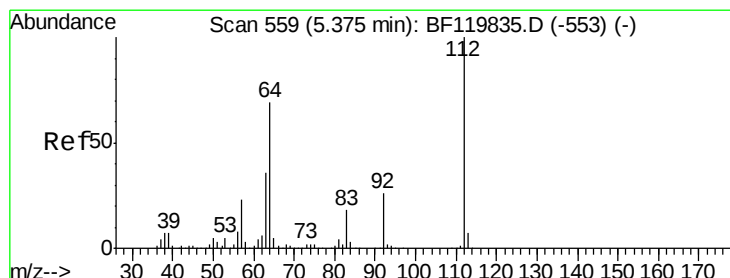
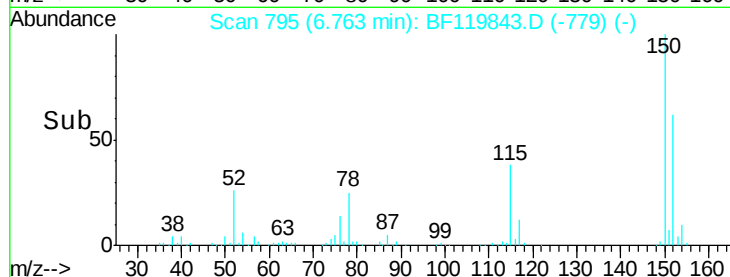
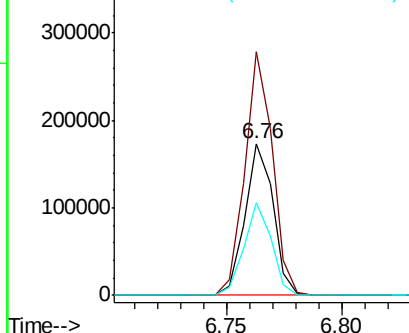
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :
PB128044BL

Tot Ion:152 Resp: 148023
Ion Ratio Lower Upper
152 100
150 160.3 124.8 187.2
115 60.7 46.5 69.7



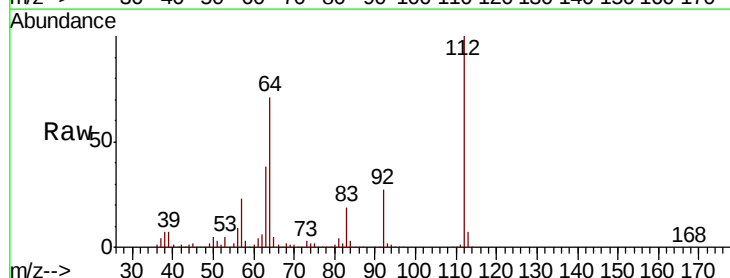
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



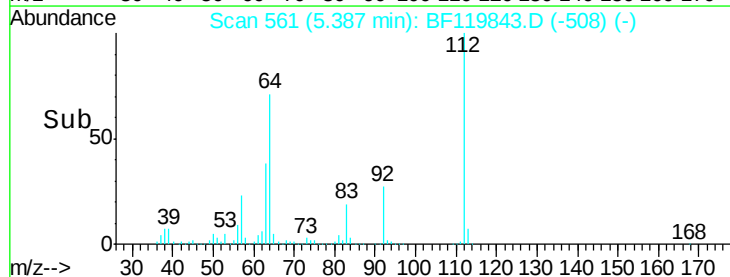
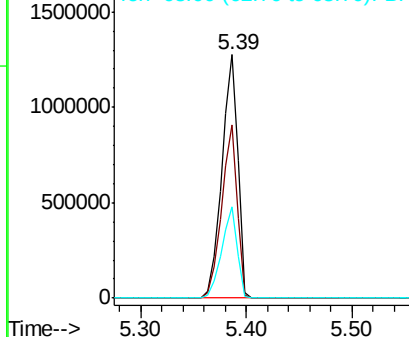
#5

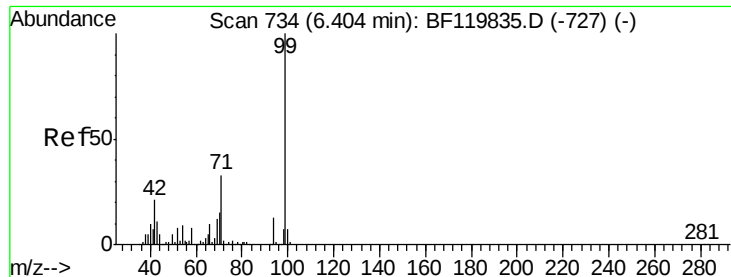
2-Fluorophenol
Concen: 157.740 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:112 Resp: 1351080
Ion Ratio Lower Upper
112 100
64 71.2 55.5 83.3
63 37.5 29.1 43.7



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: 158.529 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

PB128044BL

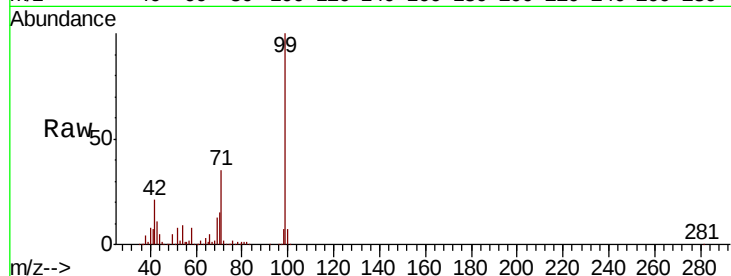
Tot Ion: 99 Resp: 1749641

Ion Ratio Lower Upper

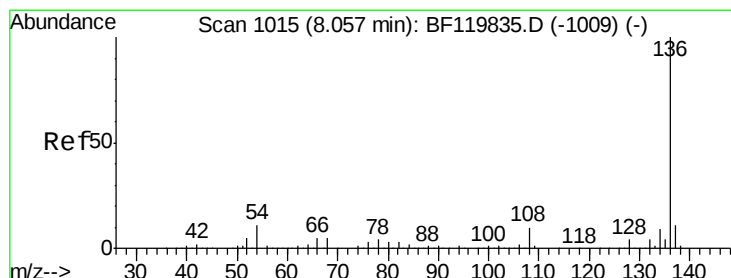
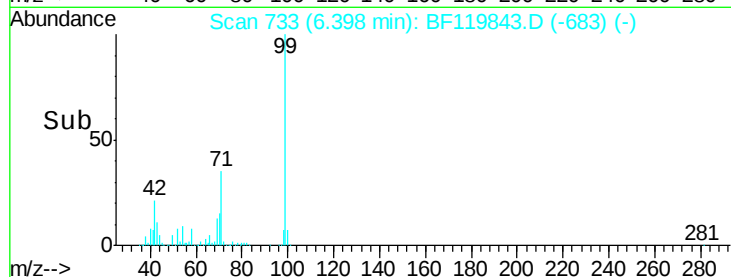
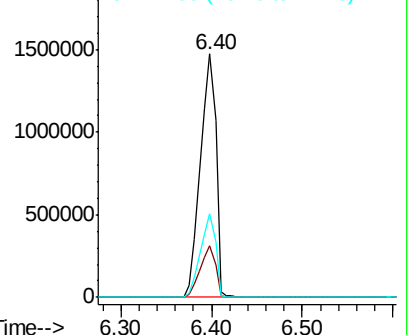
99 100

42 21.1 16.9 25.3

71 34.6 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Tgt Ion: 136 Resp: 567683

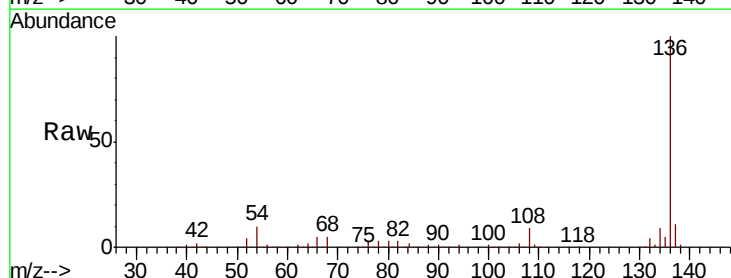
Ion Ratio Lower Upper

136 100

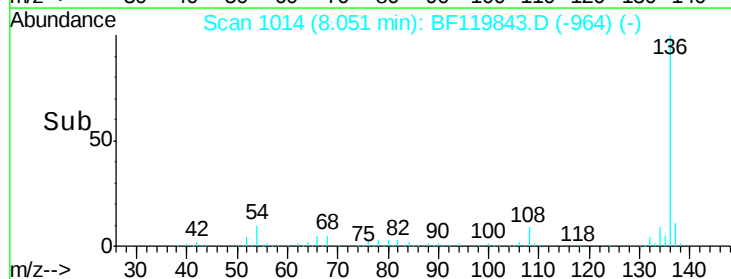
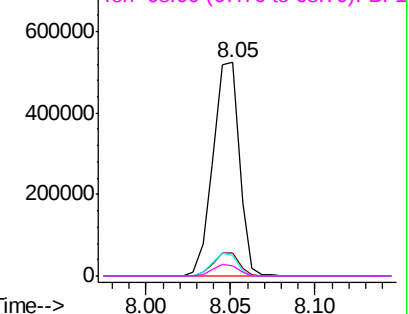
137 10.7 8.7 13.1

54 9.6 8.5 12.7

68 4.6 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): E
800000 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

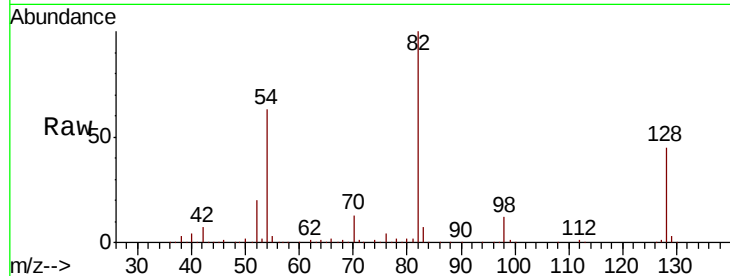




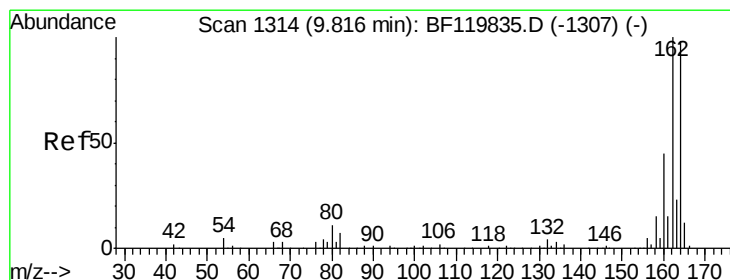
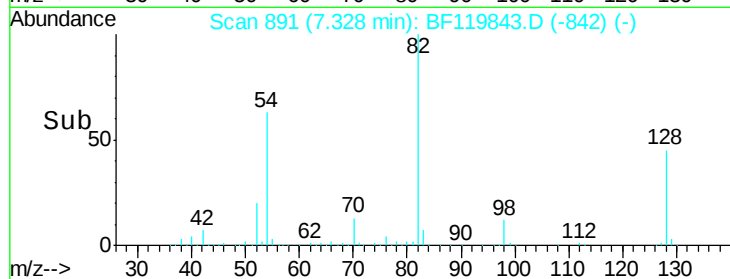
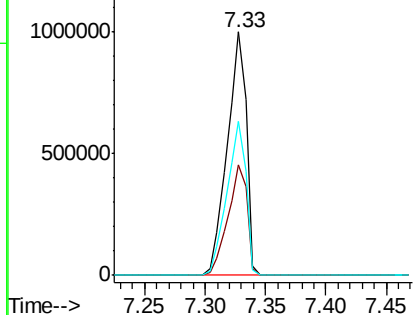
#23
Nitrobenzene-d5
Concen: 99.866 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :
PB128044BL

Tot Ion: 82 Resp: 1095844
Ion Ratio Lower Upper
82 100
128 45.1 36.2 54.4
54 63.4 50.4 75.6

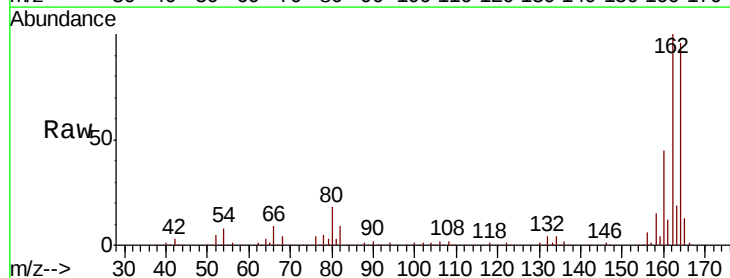


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

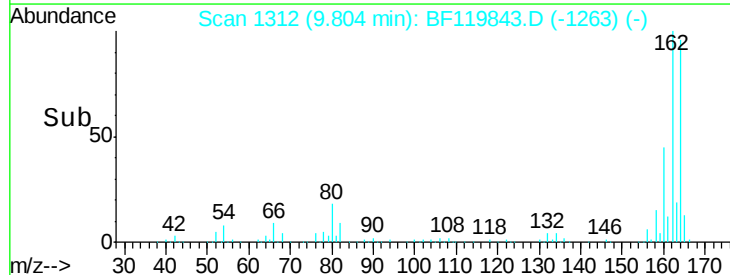
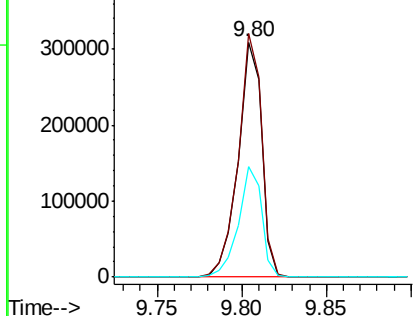


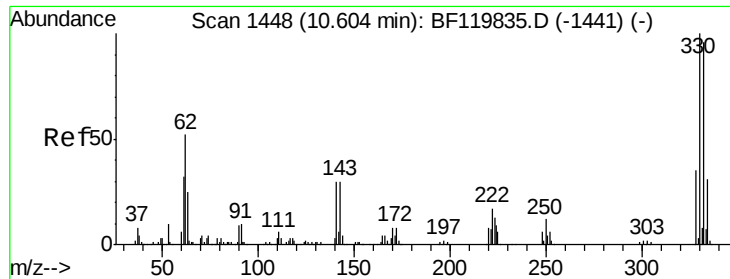
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:164 Resp: 300262
Ion Ratio Lower Upper
164 100
162 103.6 81.9 122.9
160 47.0 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

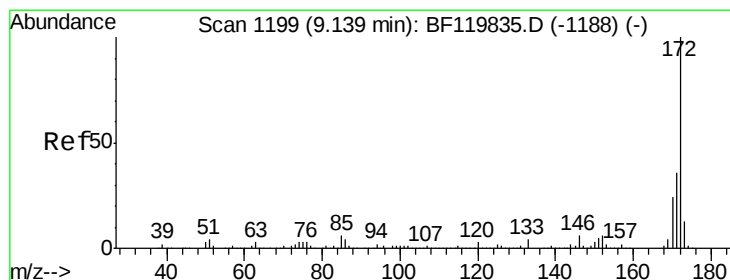
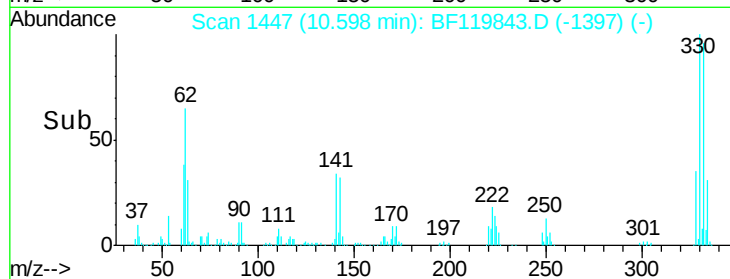
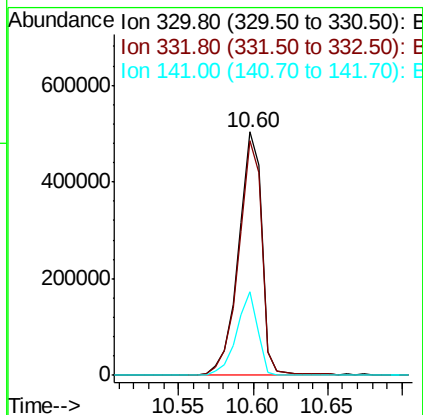
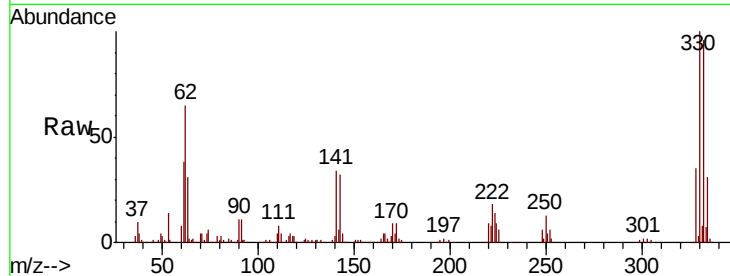




#42
 2,4,6-Tribromophenol
 Concen: 149.352 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

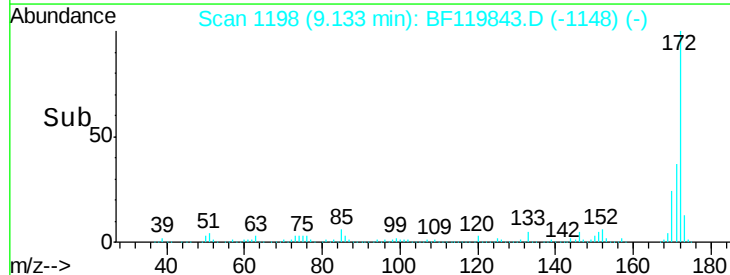
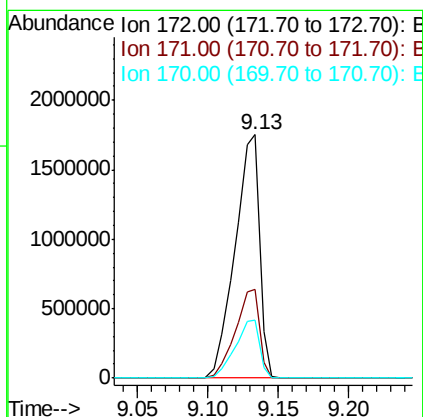
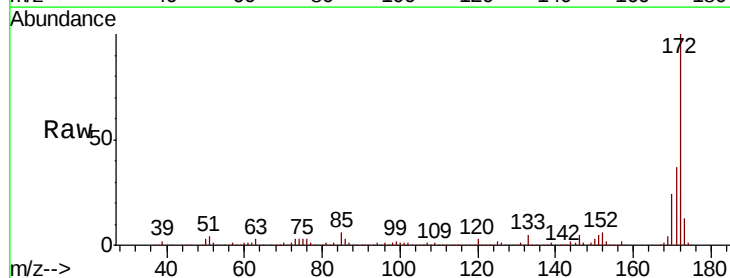
Instrument :
 BNA_F
 ClientSampleId :
 PB128044BL

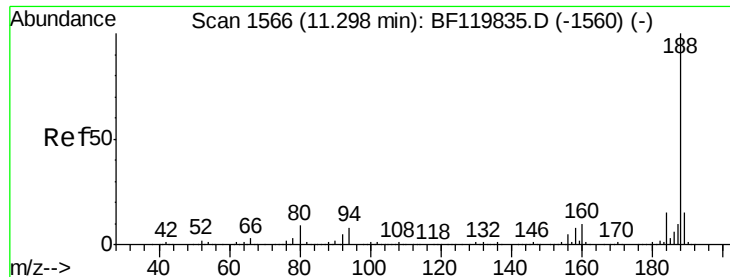
Tot Ion:330 Resp: 549053
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 31.8 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 100.055 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Tgt Ion:172 Resp: 2116011
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 23.9 19.4 29.2

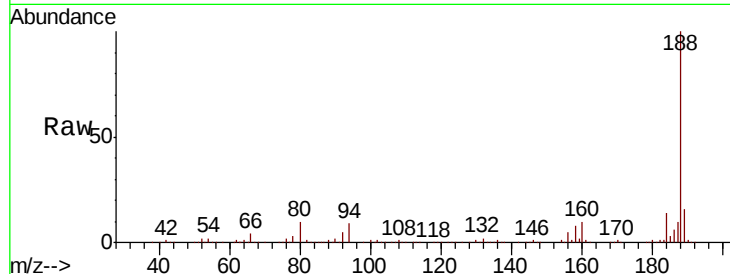




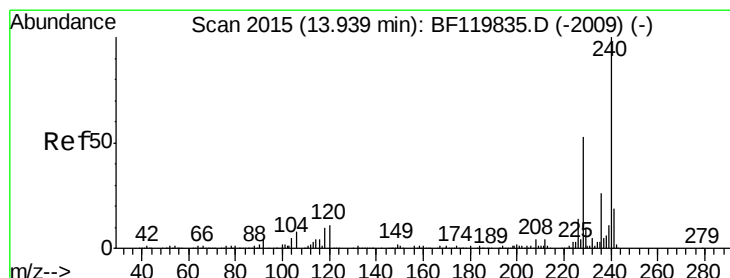
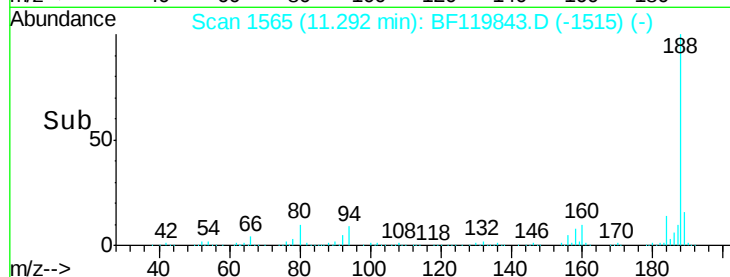
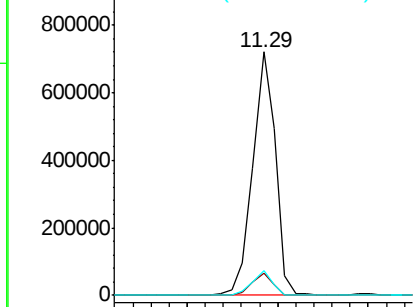
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :
PB128044BL

Tot Ion:188 Resp: 629254
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 10.0 7.4 11.2

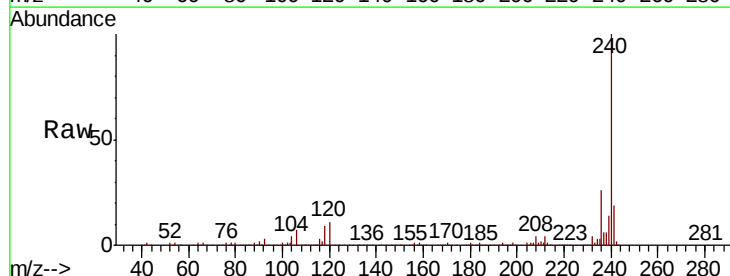


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

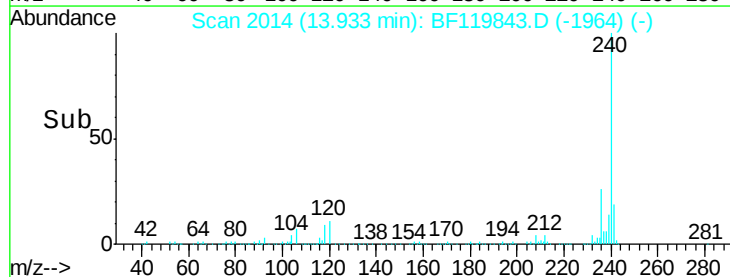
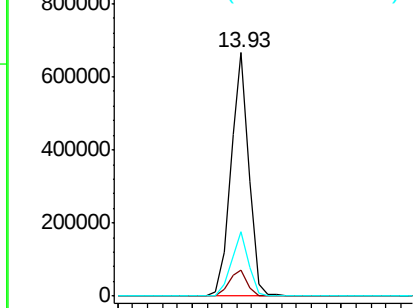


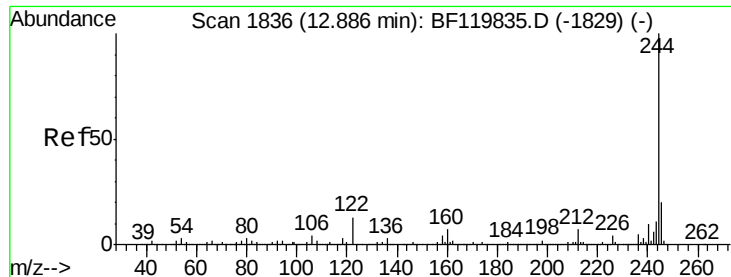
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:240 Resp: 564813
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 26.3 20.7 31.1



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: 81.966 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

PB128044BL

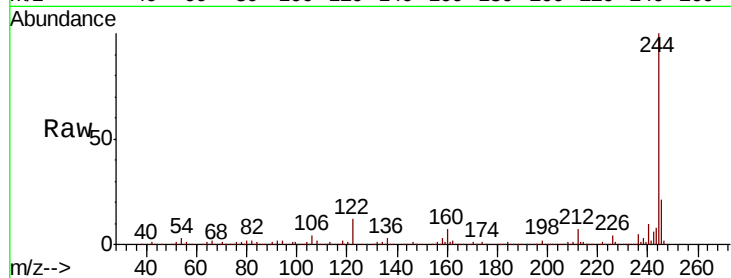
Tot Ion:244 Resp: 2751325

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

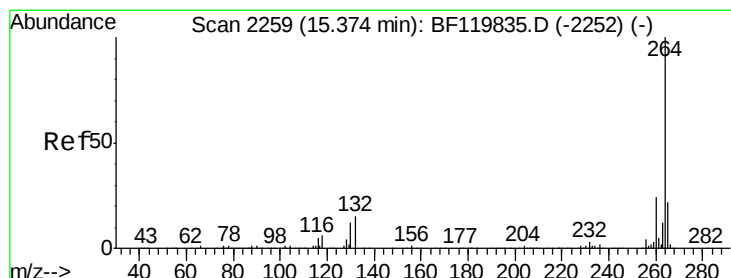
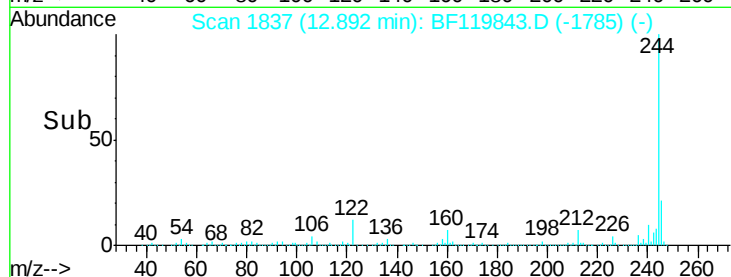
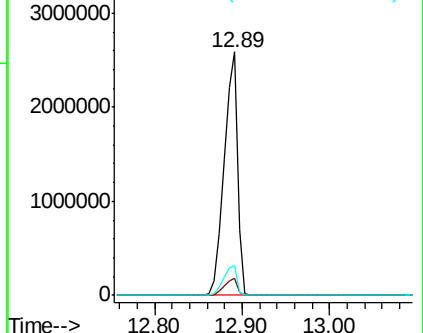
122 12.4 10.3 15.5



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: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

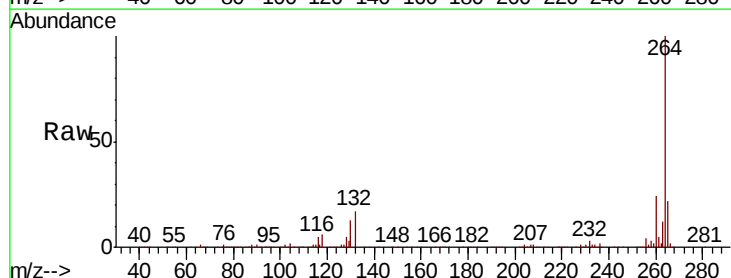
Tgt Ion:264 Resp: 533367

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.1 17.6 26.4



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

