

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119766.D
 Acq On : 6 Apr 2020 12:45
 Operator : MA/SJ
 Sample : PB128016TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128016TB

Quant Time: Apr 06 13:24:05 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	165379	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	624955	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	320629	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	670621	20.00	ng	0.00
76) Chrysene-d12	13.95	240	494035	20.00	ng	0.00
87) Perylene-d12	15.39	264	507195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1574507	151.56	ng	0.02
7) Phenol-d6	6.42	99	1924836	145.04	ng	0.00
23) Nitrobenzene-d5	7.35	82	1172480	101.96	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	546868	165.33	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2206755	101.96	ng	0.00
79) Terphenyl-d14	12.90	244	2708997	107.43	ng	0.00

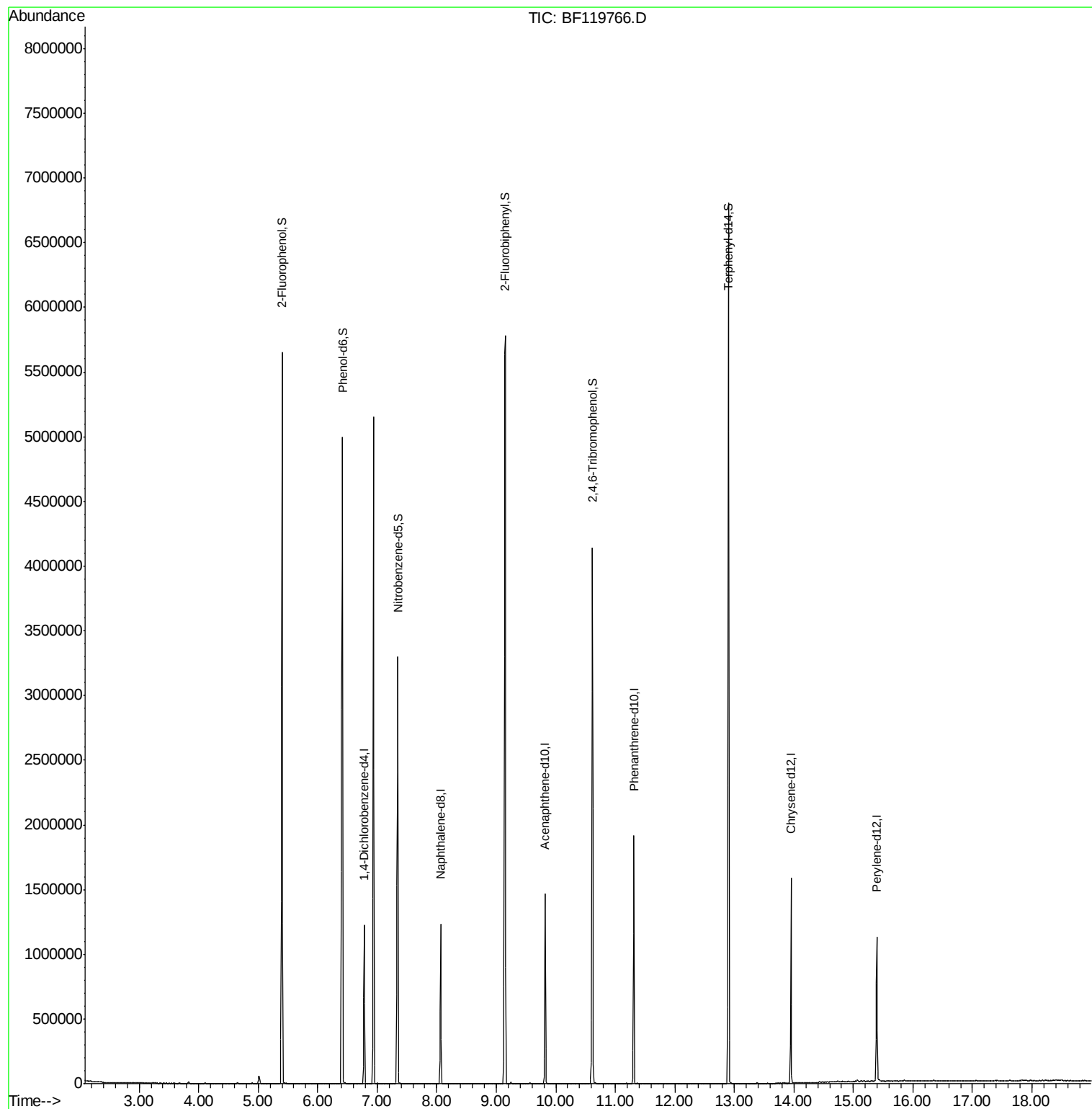
Target Compounds Qvalue

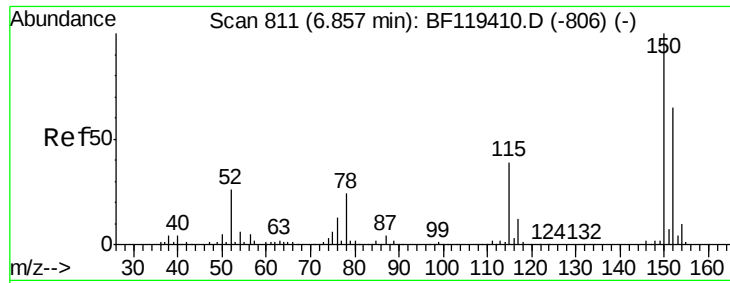
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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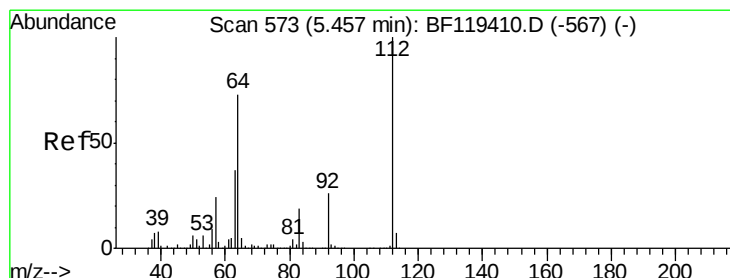
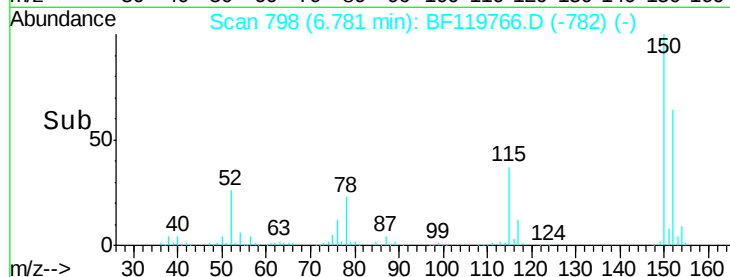
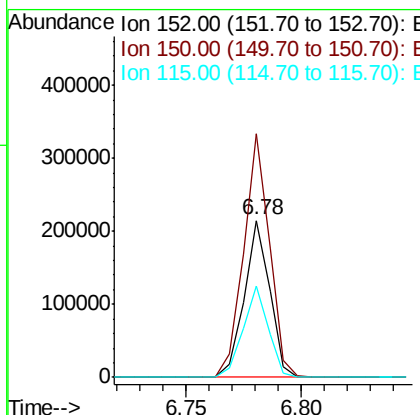
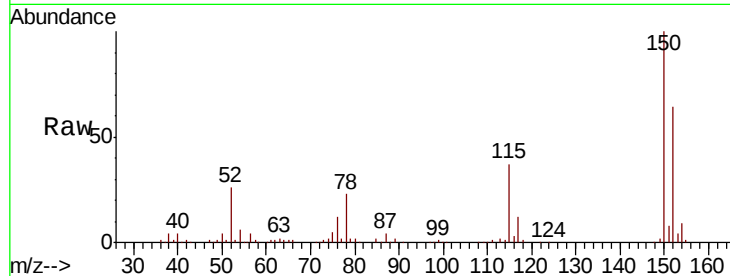




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119766.D
 Acq: 6 Apr 2020 12:45

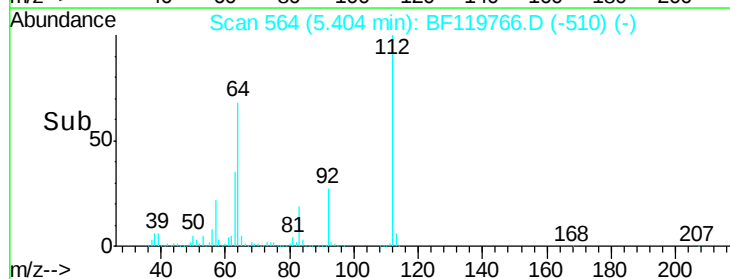
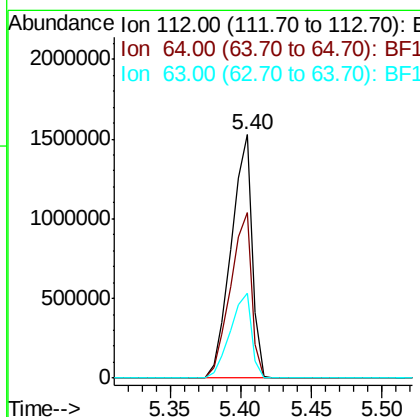
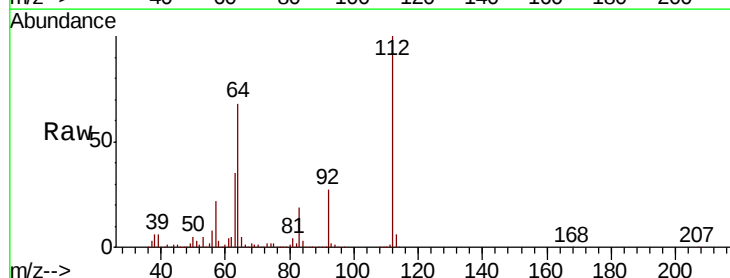
Instrument :
 BNA_F
 ClientSampleId :
 PB128016TB

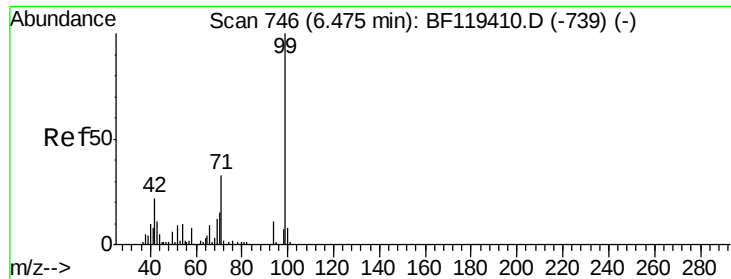
Tot Ion:152 Resp: 165379
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 58.0 49.6 74.4



#5
 2-Fluorophenol
 Concen: 151.559 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.02 min
 Lab File: BF119766.D
 Acq: 6 Apr 2020 12:45

Tgt Ion:112 Resp: 1574507
 Ion Ratio Lower Upper
 112 100
 64 68.2 56.7 85.1
 63 34.9 29.5 44.3





#7

Phenol-d6

Concen: 145.042 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB128016TB

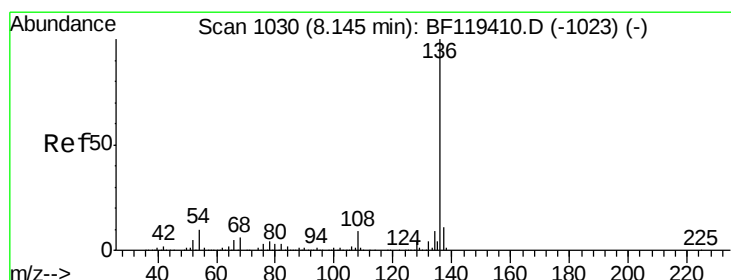
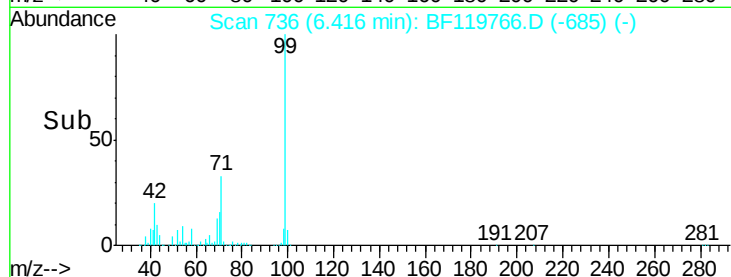
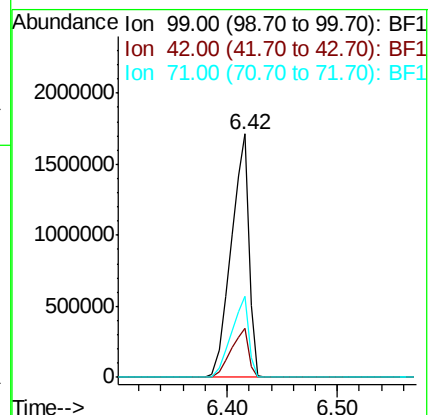
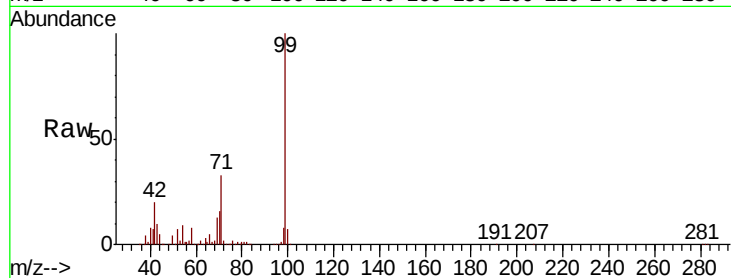
Tot Ion: 99 Resp: 1924836

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 33.4 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

Tgt Ion: 136 Resp: 624955

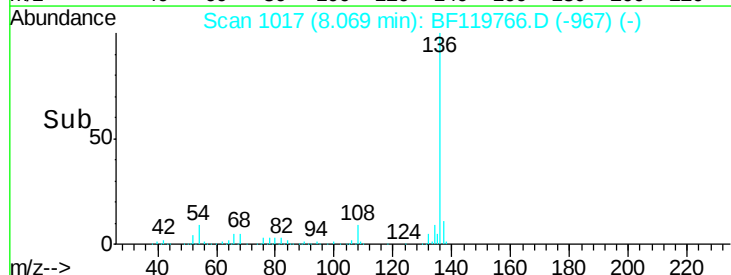
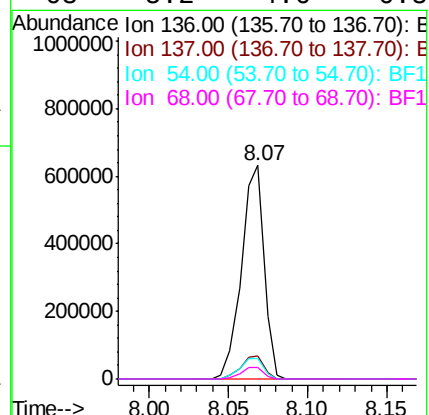
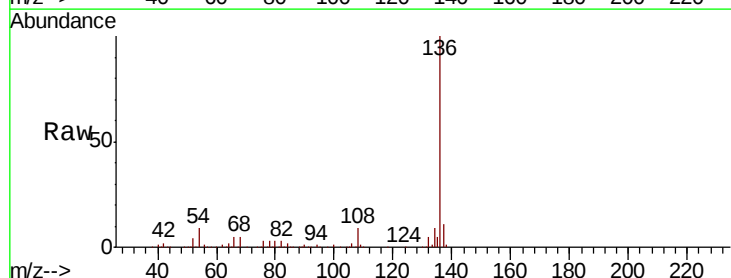
Ion Ratio Lower Upper

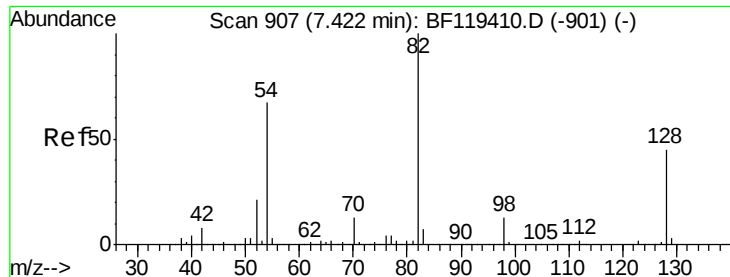
136 100

137 10.9 8.7 13.1

54 9.4 9.1 13.7

68 5.2 4.6 6.8

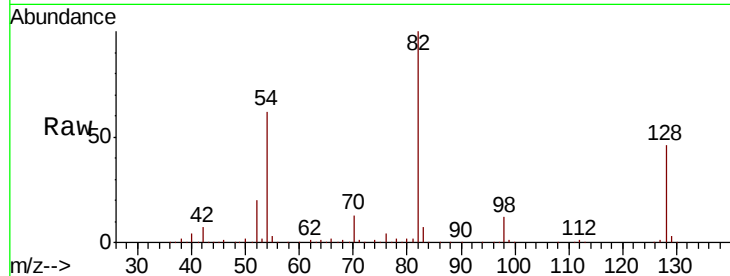




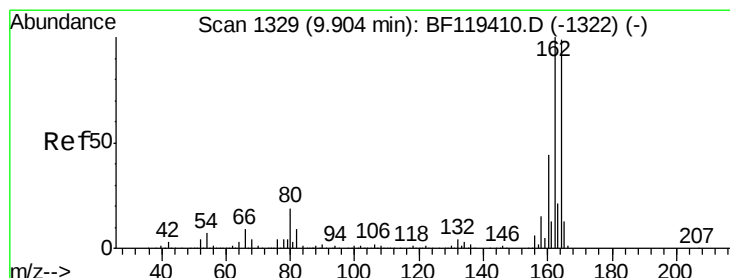
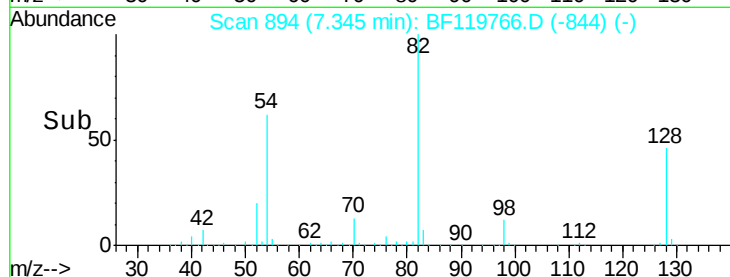
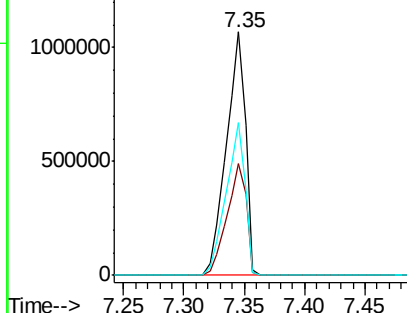
#23
Nitrobenzene-d5
Concen: 101.962 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB128016TB

Tot Ion: 82 Resp: 1172480
Ion Ratio Lower Upper
82 100
128 46.0 36.3 54.5
54 62.5 50.6 75.8

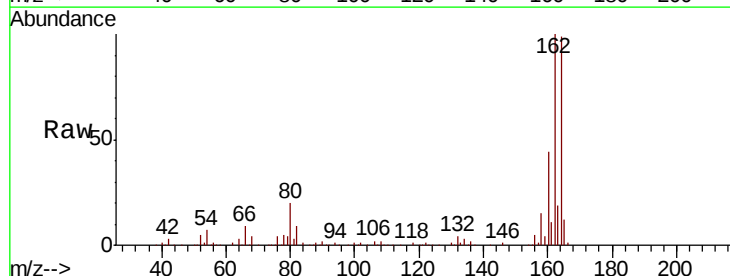


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

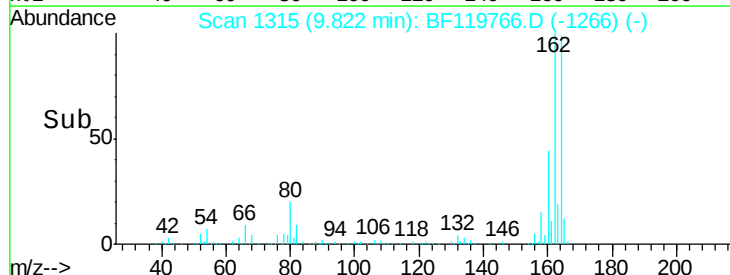
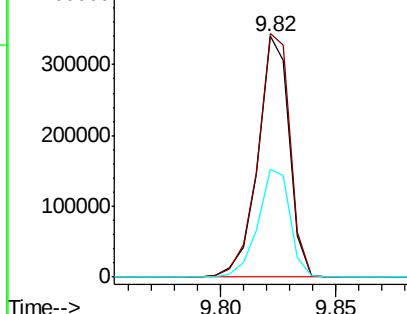


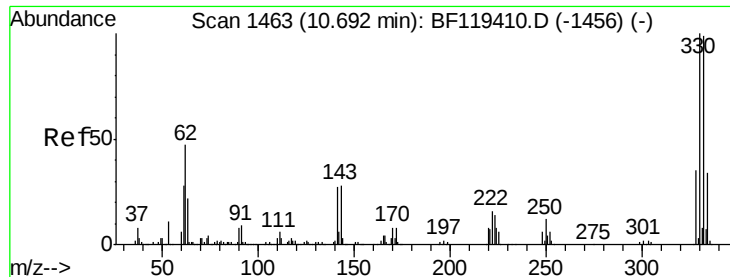
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119766.D
Acq: 6 Apr 2020 12:45

Tgt Ion: 164 Resp: 320629
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 44.7 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

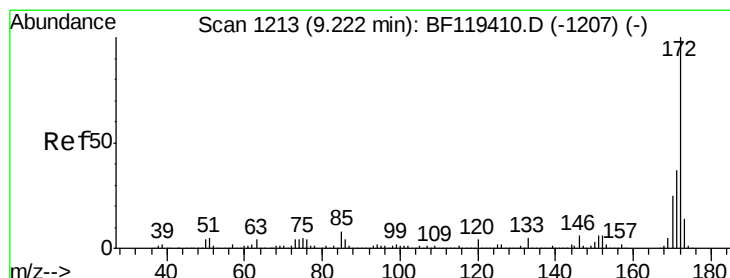
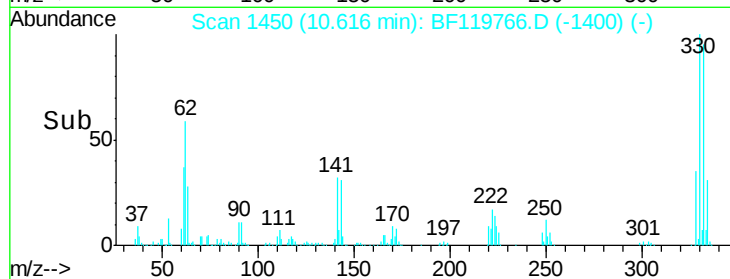
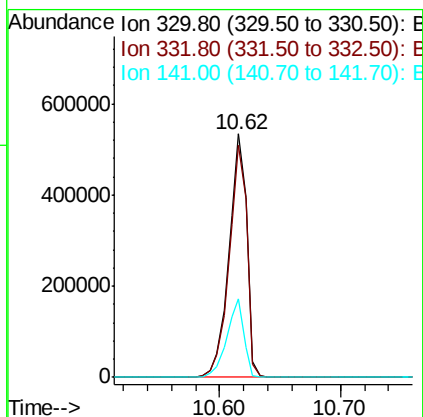
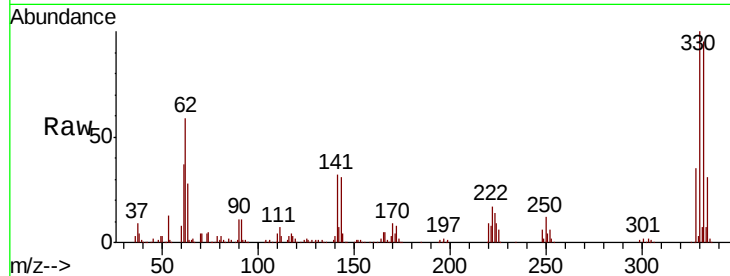




#42
 2,4,6-Tribromophenol
 Concen: 165.326 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119766.D
 Acq: 6 Apr 2020 12:45

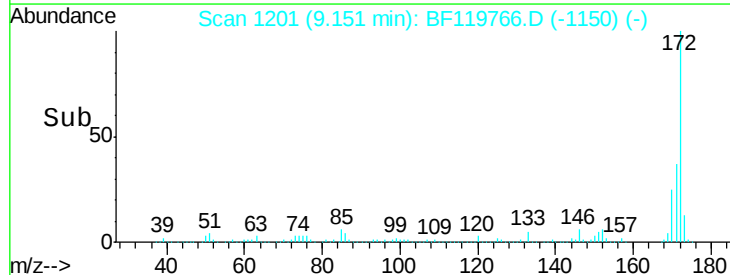
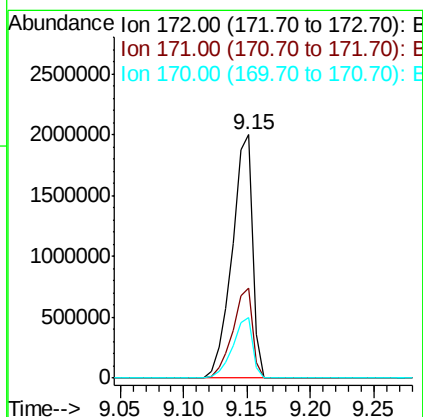
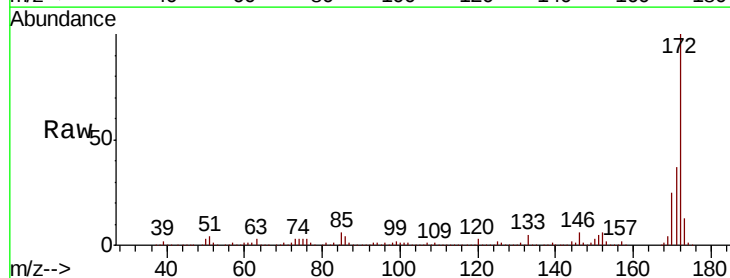
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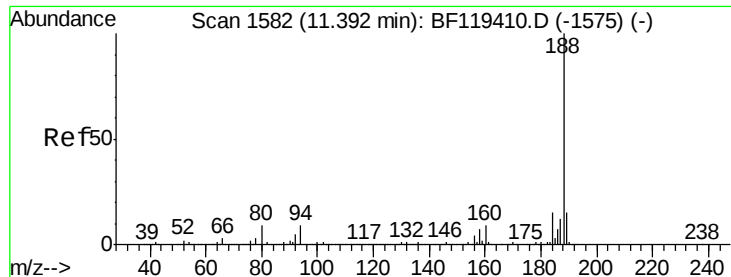
Tot Ion:330 Resp: 546868
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.7 113.5
 141 30.7 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 101.964 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119766.D
 Acq: 6 Apr 2020 12:45

Tgt Ion:172 Resp: 2206755
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.7 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: BF119766.D

Acq: 6 Apr 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB128016TB

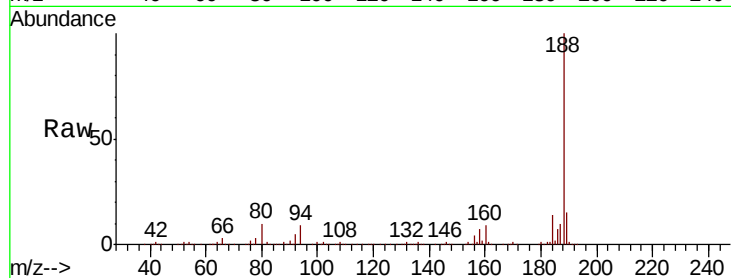
Tot Ion:188 Resp: 670621

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

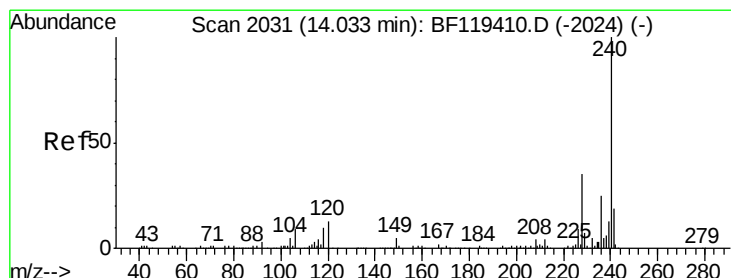
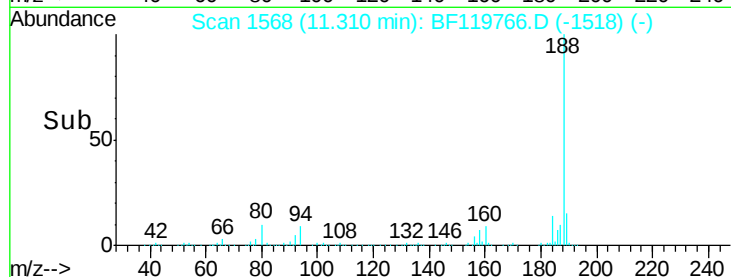
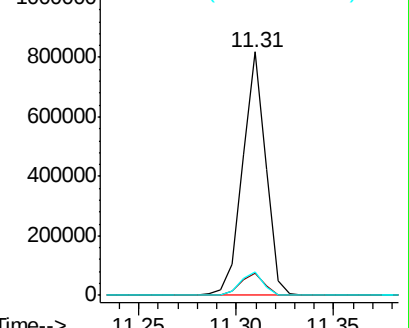
80 9.6 9.0 13.4



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: BF119766.D

Acq: 6 Apr 2020 12:45

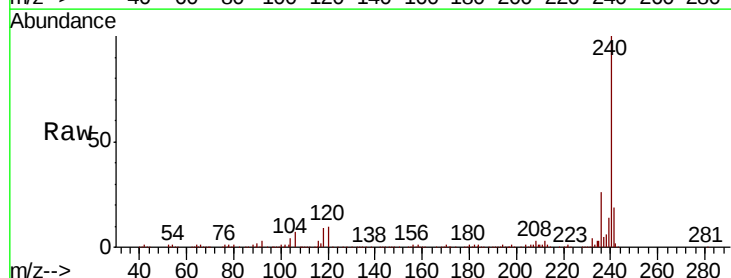
Tgt Ion:240 Resp: 494035

Ion Ratio Lower Upper

240 100

120 10.3 10.6 15.8#

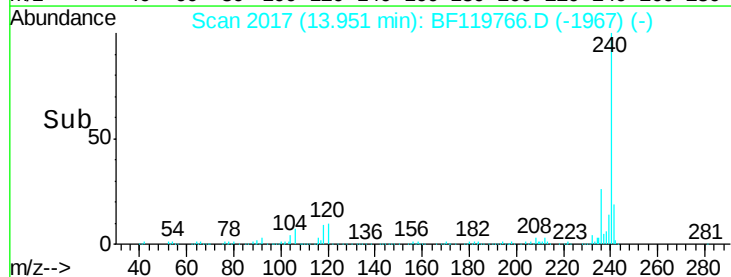
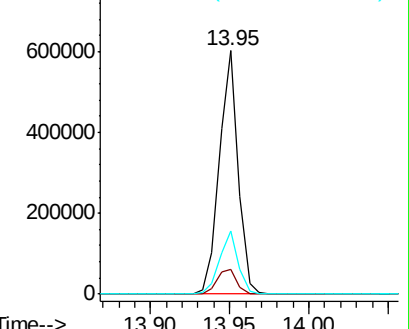
236 25.8 20.2 30.2

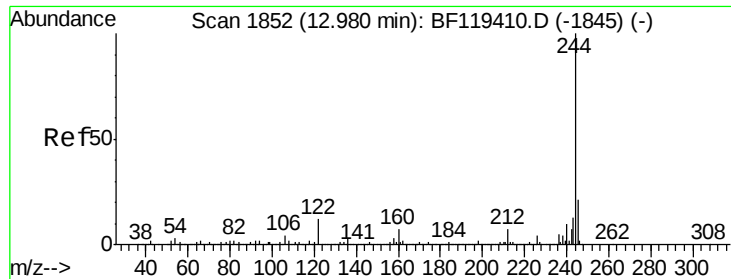


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.432 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

Instrument :

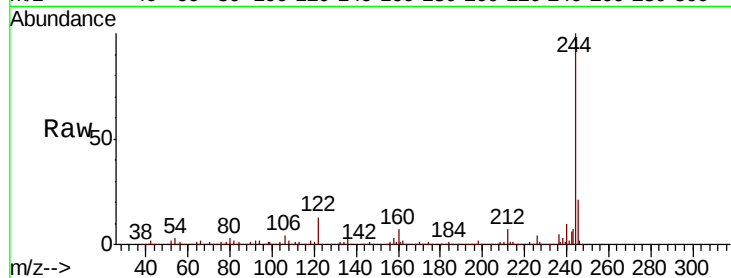
BNA_F

ClientSampleId :

PB128016TB

Tot Ion:244 Resp: 2708997

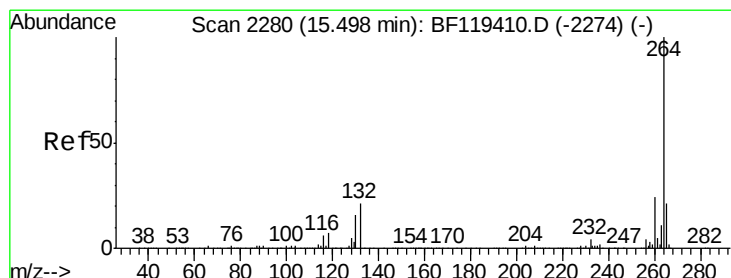
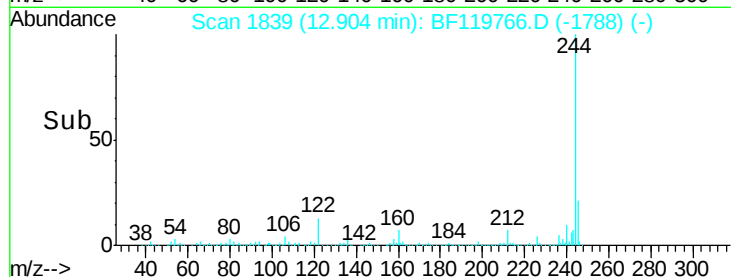
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.3	10.3	15.5



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: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF119766.D

Acq: 6 Apr 2020 12:45

Tgt Ion:264 Resp: 507195

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.9	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

