

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113740.D
 Acq On : 12 Apr 2019 16:02
 Operator : JU/SJ
 Sample : K2373-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPH-FOUND

Quant Time: Apr 13 02:01:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	125362	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	470144	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	231023	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	465393	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	362276	20.00	ng	-0.02
87) Perylene-d12	15.23	264	389084	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	778351	105.87	ng	0.00
7) Phenol-d6	6.33	99	936305	103.33	ng	-0.01
23) Nitrobenzene-d5	7.24	82	676499	84.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	349987	126.11	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1265878	88.21	ng	-0.02
79) Terphenyl-d14	12.77	244	1369809	76.98	ng	-0.02

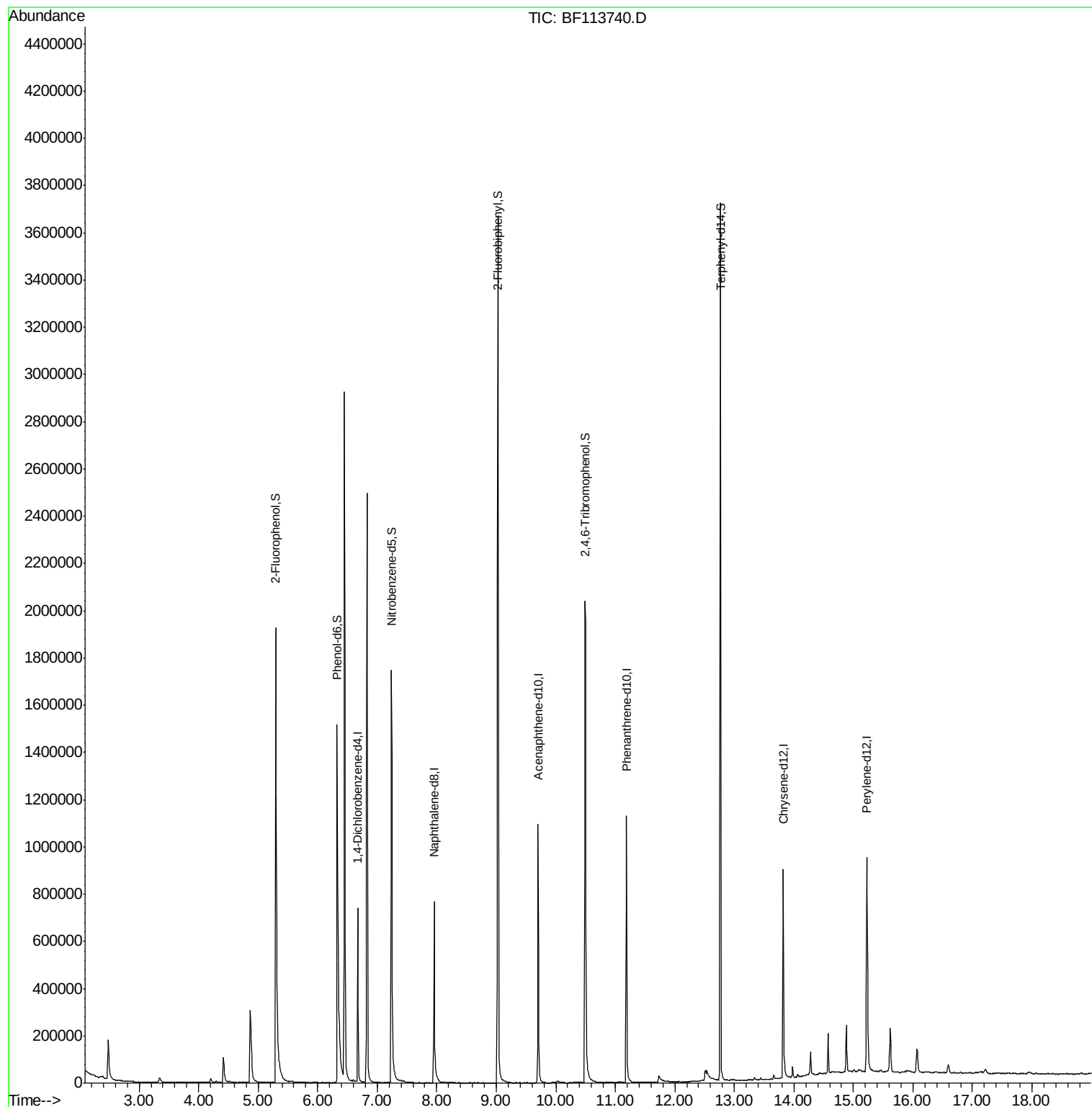
Target Compounds	Qvalue
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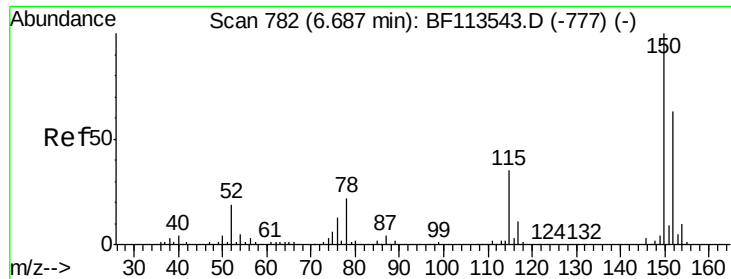
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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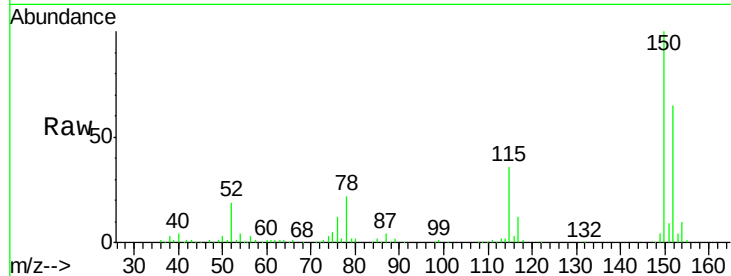


#1

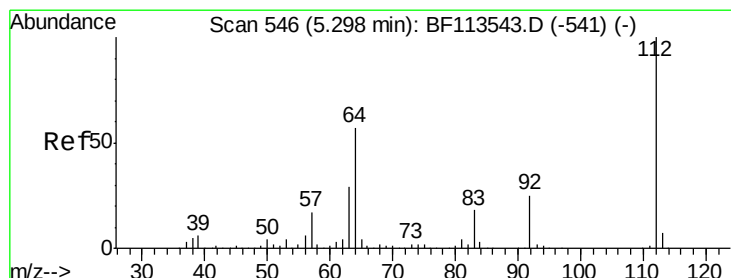
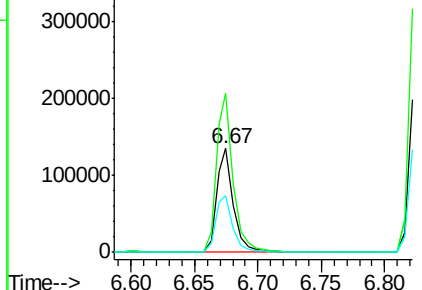
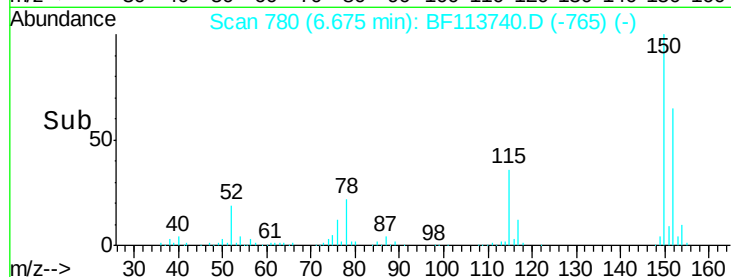
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113740.D
Acq: 12 Apr 2019 16:02

Instrument :
BNA_F
ClientSampleId :
TPH-FOUND

Tgt Ion:152 Resp: 125362
Ion Ratio Lower Upper
152 100
150 153.2 124.7 187.1
115 54.6 46.0 69.0



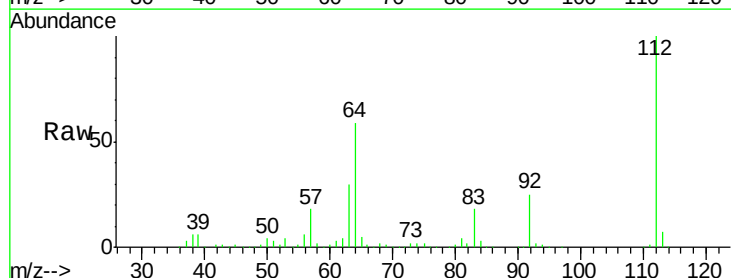
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



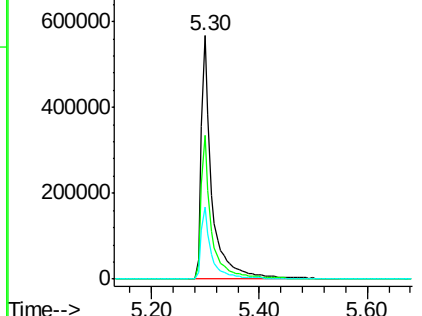
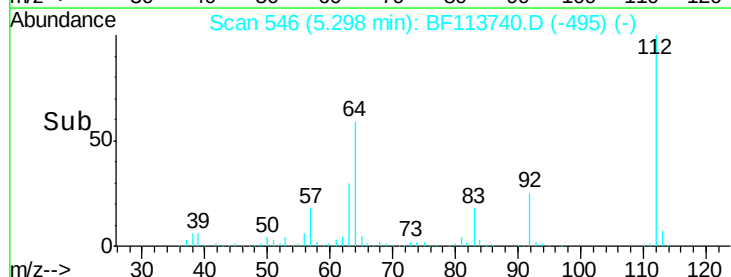
#5

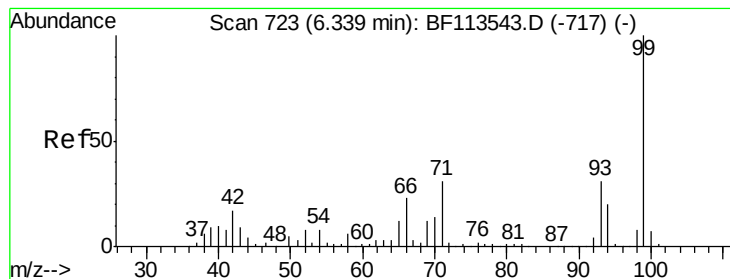
2-Fluorophenol
Concen: 105.875 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113740.D
Acq: 12 Apr 2019 16:02

Tgt Ion:112 Resp: 778351
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 29.6 24.9 37.3



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: 103.334 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Instrument :

BNA_F

ClientSampleId :

TPH-FOUND

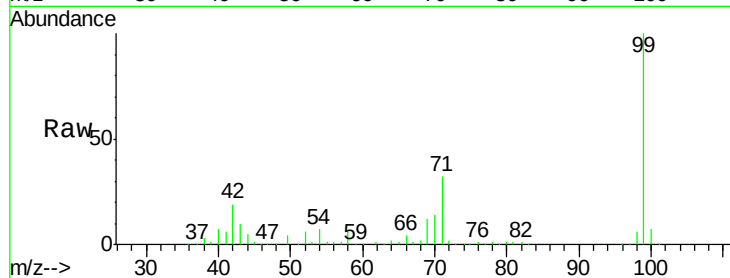
Tgt Ion: 99 Resp: 936305

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

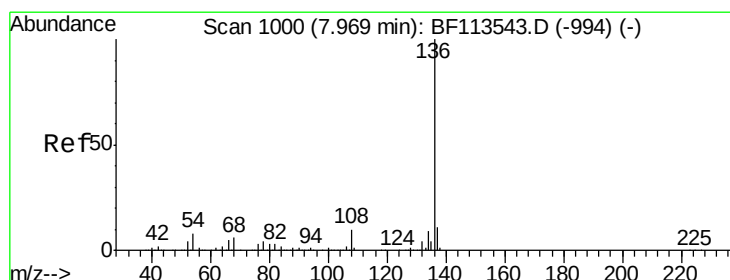
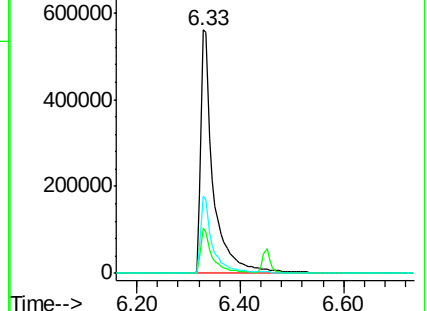
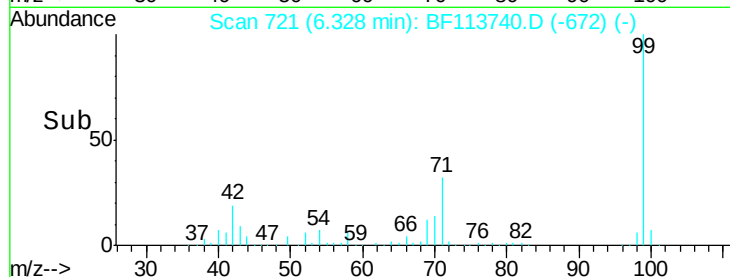
71 31.6 24.9 37.3



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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Tgt Ion: 136 Resp: 470144

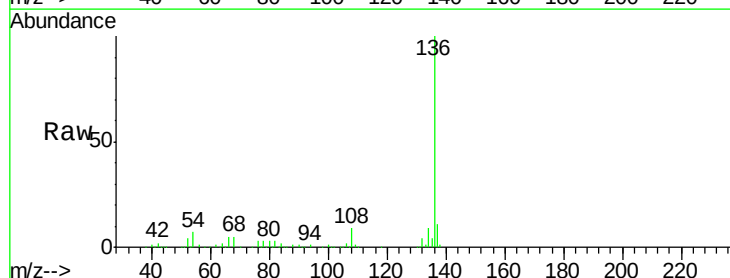
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 7.0 10.6

68 5.4 4.8 7.2

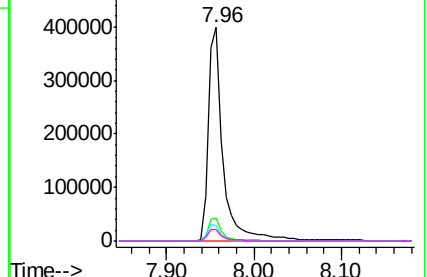
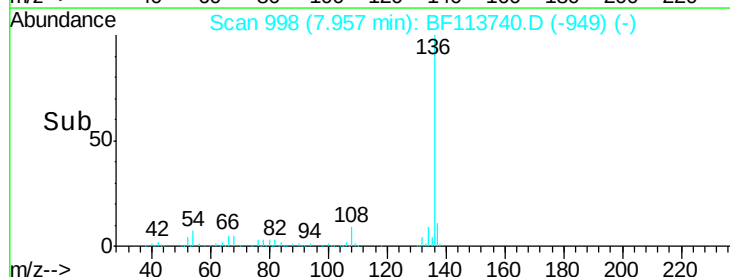


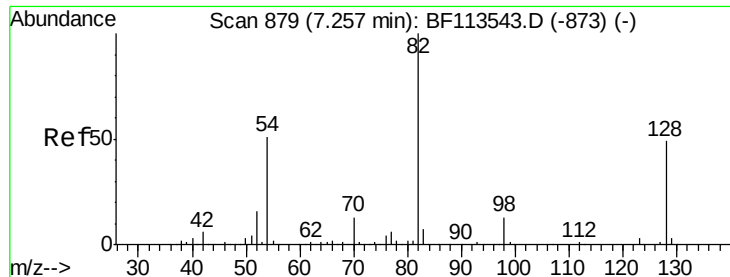
Abundance Ion 136.00 (135.70 to 136.70): E

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

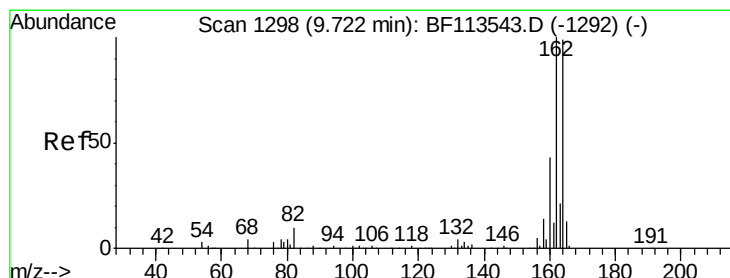
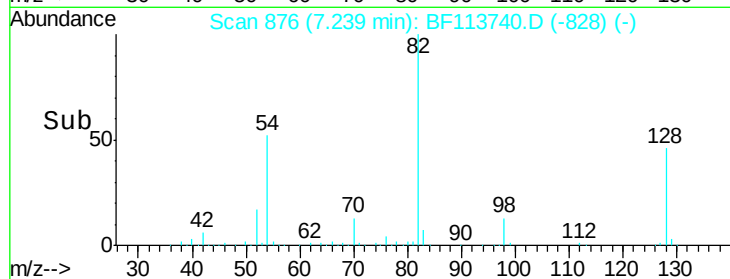
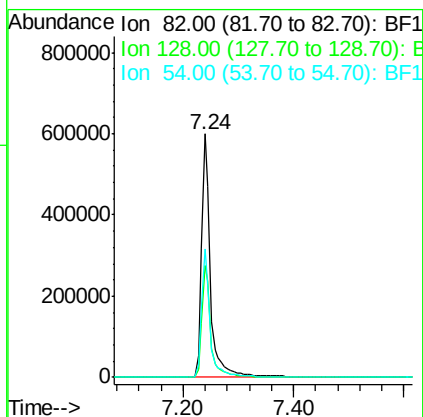
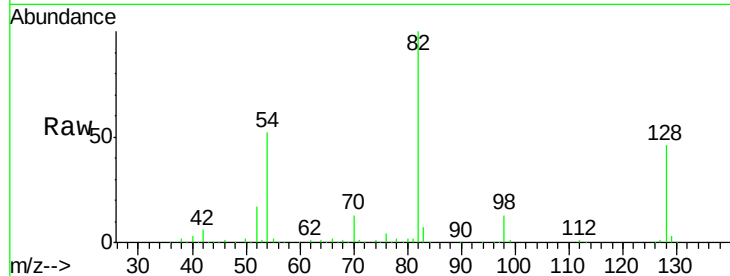




#23
Nitrobenzene-d5
Concen: 84.285 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113740.D
Acq: 12 Apr 2019 16:02

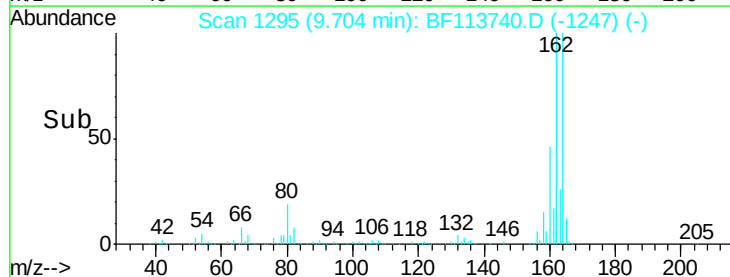
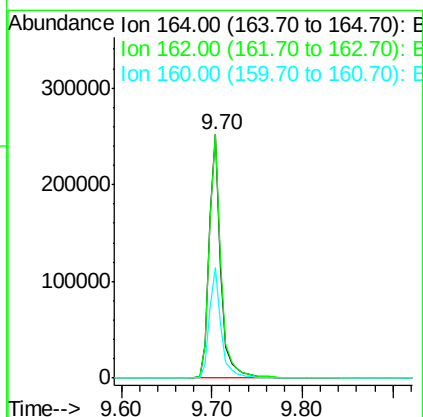
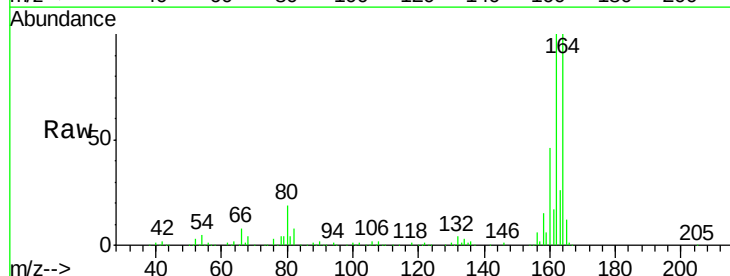
Instrument :
BNA_F
ClientSampleId :
TPH-FOUND

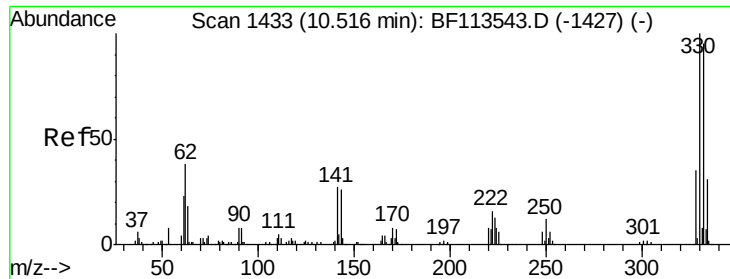
Tgt Ion: 82 Resp: 676499
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 52.5 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113740.D
Acq: 12 Apr 2019 16:02

Tgt Ion: 164 Resp: 231023
Ion Ratio Lower Upper
164 100
162 100.1 81.8 122.6
160 45.6 36.4 54.6

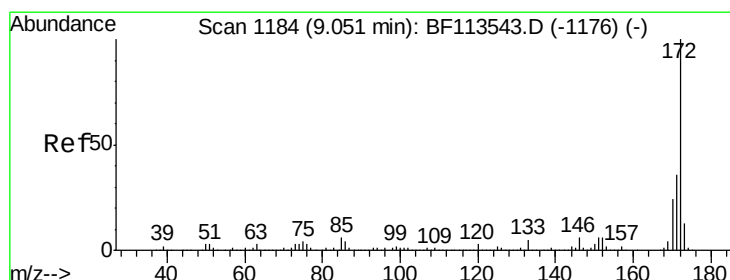
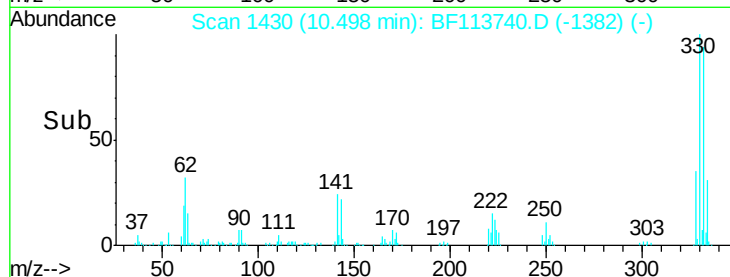
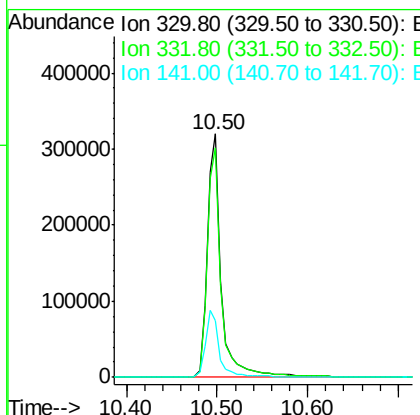
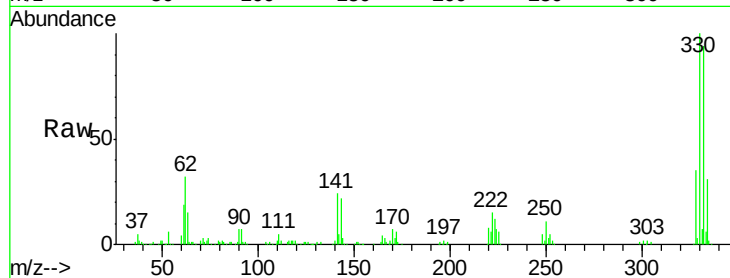




#42
 2,4,6-Tribromophenol
 Concen: 126.115 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113740.D
 Acq: 12 Apr 2019 16:02

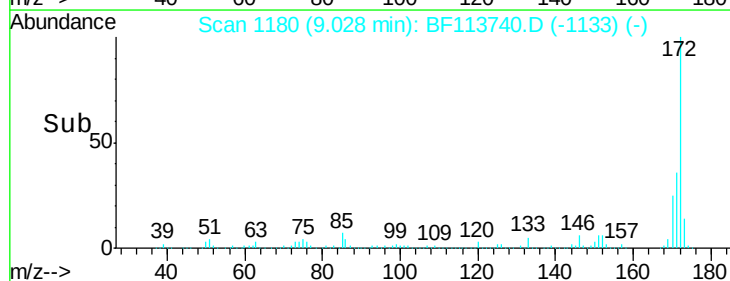
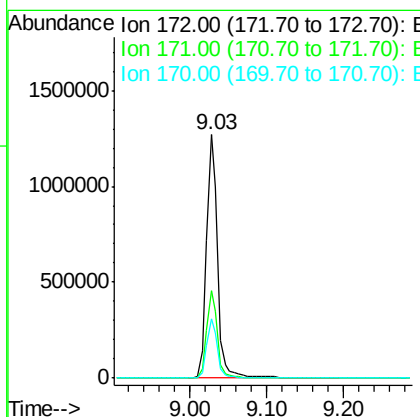
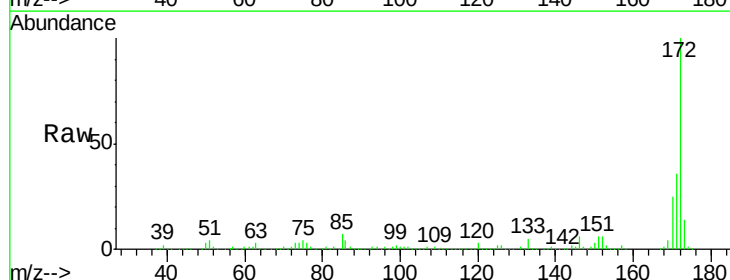
Instrument :
 BNA_F
 ClientSampleId :
 TPH-FOUND

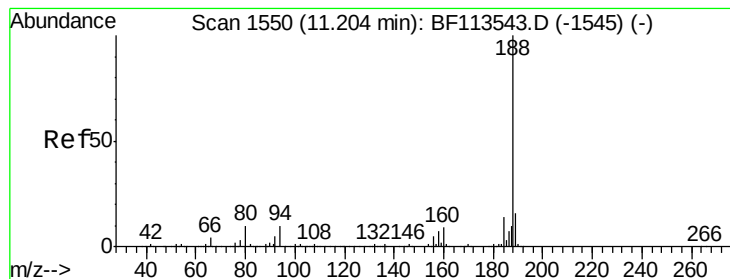
Tgt Ion:330 Resp: 349987
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 28.1 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 88.213 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113740.D
 Acq: 12 Apr 2019 16:02

Tgt Ion:172 Resp: 1265878
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Instrument :

BNA_F

ClientSampleId :

TPH-FOUND

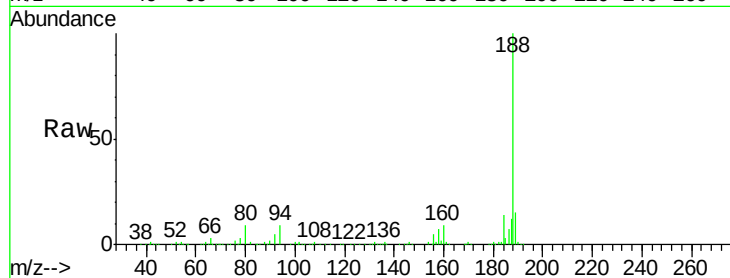
Tgt Ion:188 Resp: 465393

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

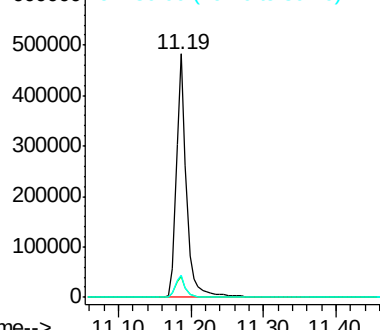
80 9.1 7.7 11.5



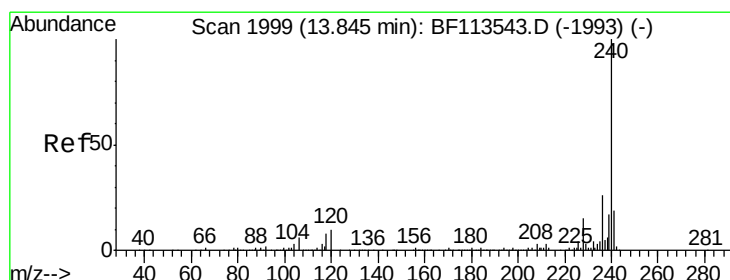
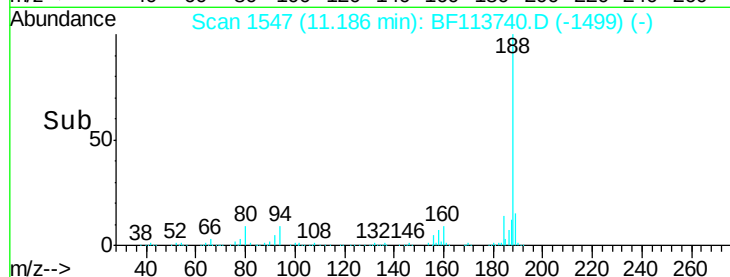
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

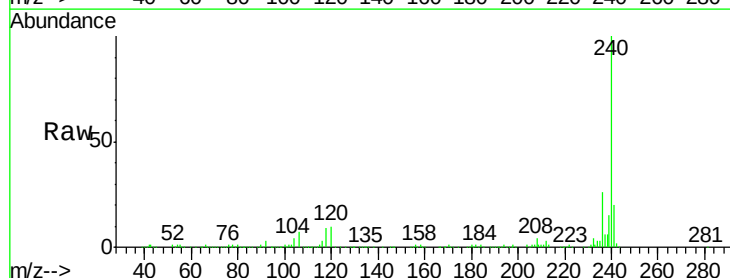
Tgt Ion:240 Resp: 362276

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

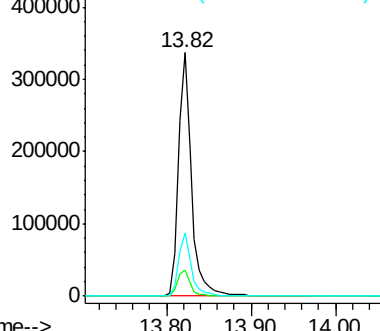
236 26.1 20.9 31.3



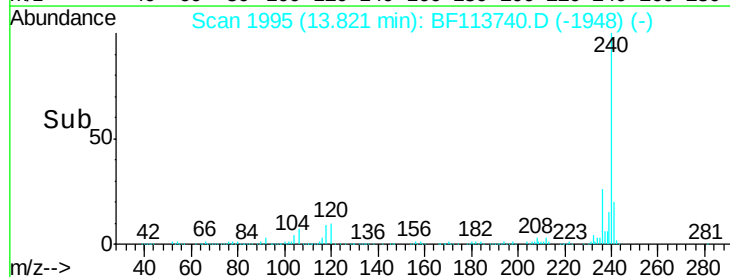
Abundance Ion 240.00 (239.70 to 240.70): E

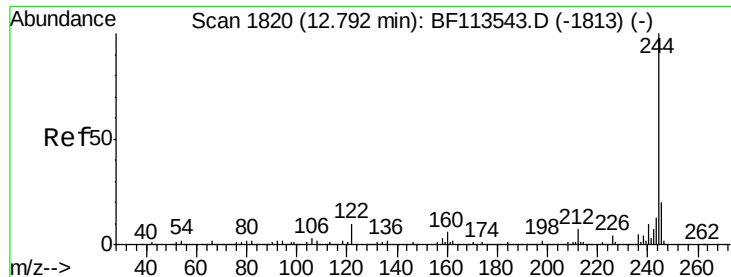
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

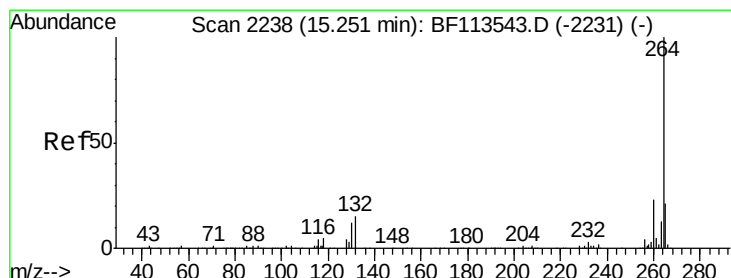
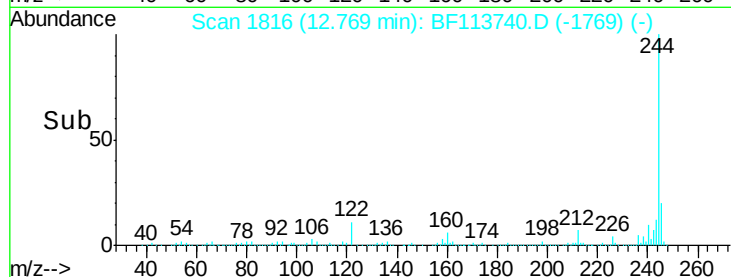
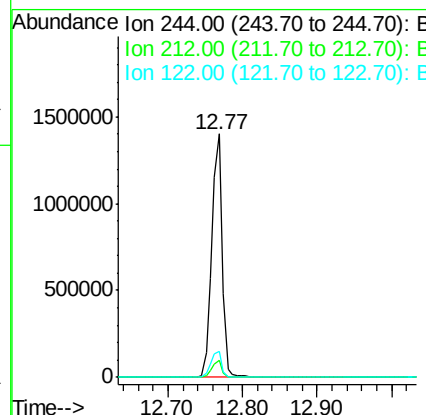
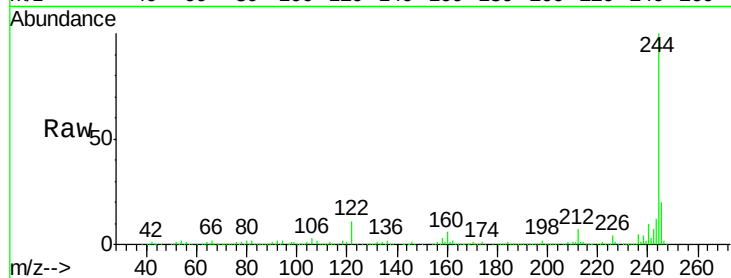




#79
 Terphenyl-d14
 Concen: 76.984 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113740.D
 Acq: 12 Apr 2019 16:02

Instrument :
 BNA_F
 ClientSampleId :
 TPH-FOUND

Tgt Ion:244 Resp: 1369809
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.7 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113740.D
 Acq: 12 Apr 2019 16:02

Tgt Ion:264 Resp: 389084
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.5 17.1 25.7

