

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113744.D
 Acq On : 12 Apr 2019 17:58
 Operator : JU/SJ
 Sample : K2376-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Quant Time: Apr 13 02:20:15 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	134205	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	512049	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	246441	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	498973	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	403999	20.00	ng	-0.02
87) Perylene-d12	15.23	264	436407	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	762968	96.94	ng	0.00
7) Phenol-d6	6.33	99	876925	90.40	ng	-0.01
23) Nitrobenzene-d5	7.24	82	689628	78.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	359499	121.44	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1283011	83.81	ng	-0.02
79) Terphenyl-d14	12.77	244	1419165	71.52	ng	-0.02

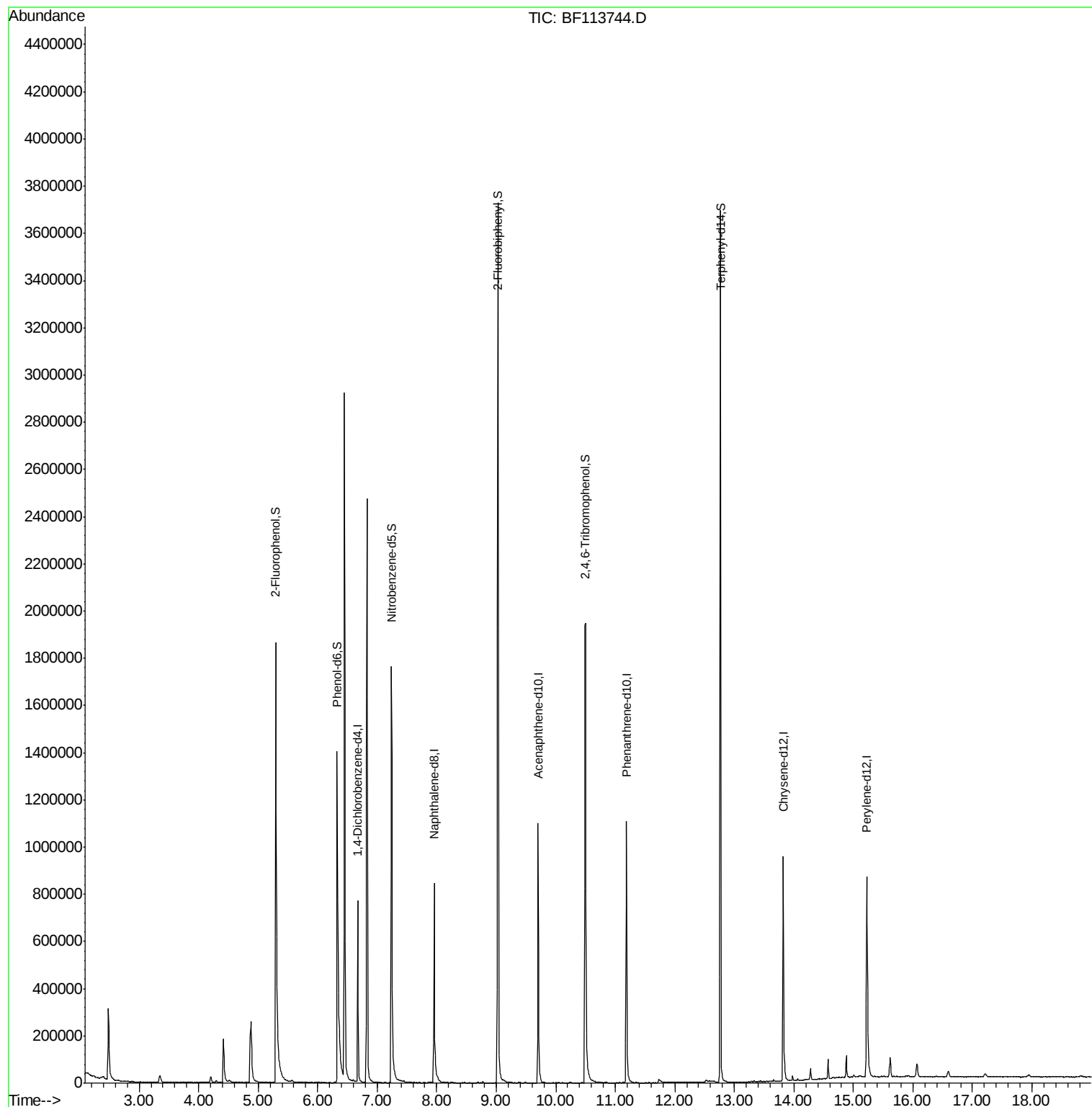
Target Compounds	Qvalue
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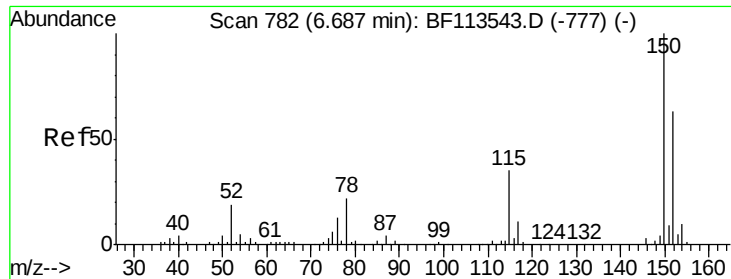
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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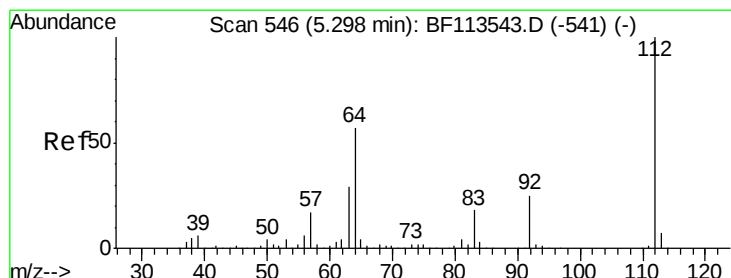
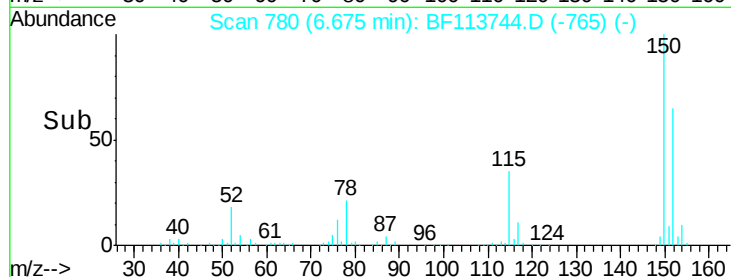
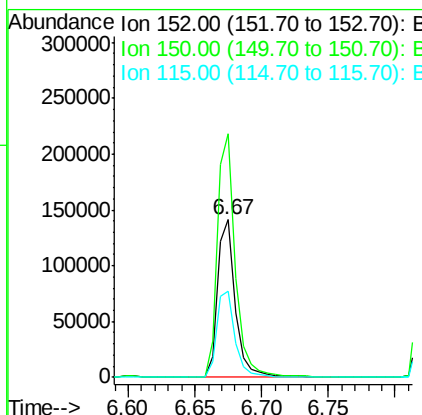
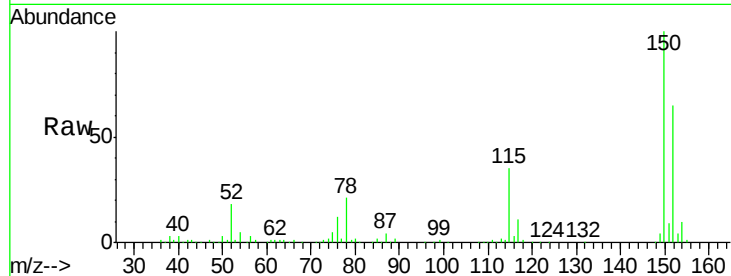




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113744.D
 Acq: 12 Apr 2019 17:58

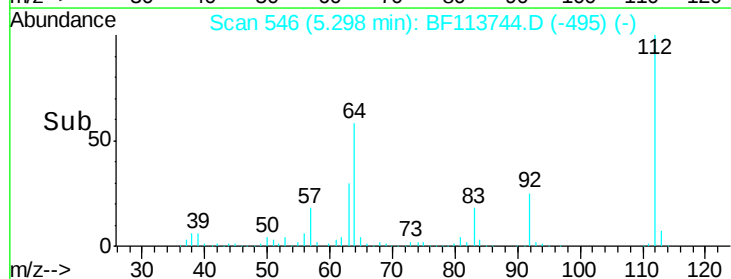
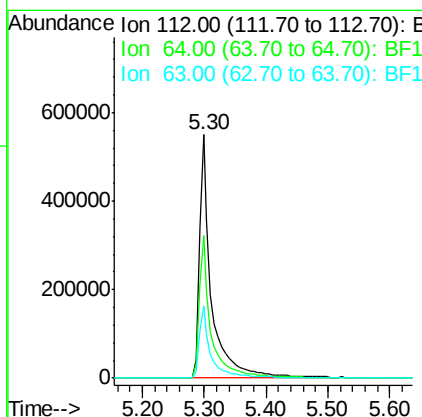
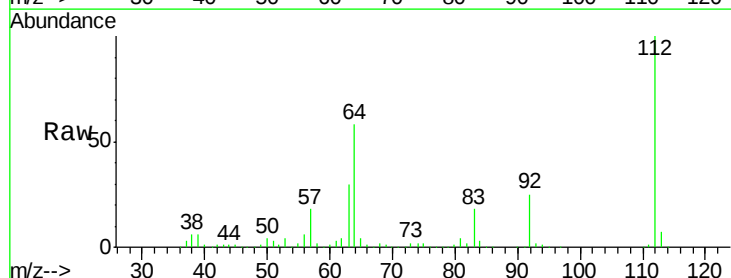
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

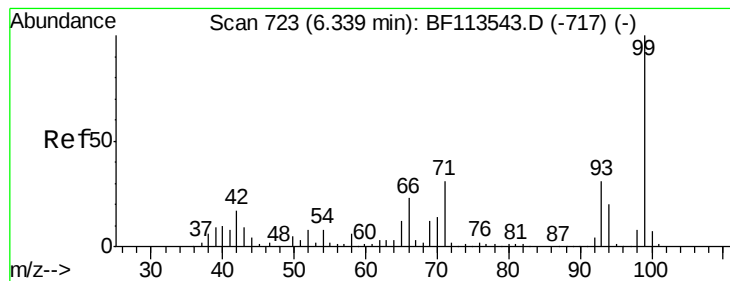
Tgt Ion:152 Resp: 134205
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.7 187.1
 115 54.3 46.0 69.0



#5
 2-Fluorophenol
 Concen: 96.944 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113744.D
 Acq: 12 Apr 2019 17:58

Tgt Ion:112 Resp: 762968
 Ion Ratio Lower Upper
 112 100
 64 58.5 49.2 73.8
 63 29.6 24.9 37.3





#7

Phenol-d6

Concen: 90.404 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113744.D

Acq: 12 Apr 2019 17:58

Instrument :

BNA_F

ClientSampleId :

TP-4-S

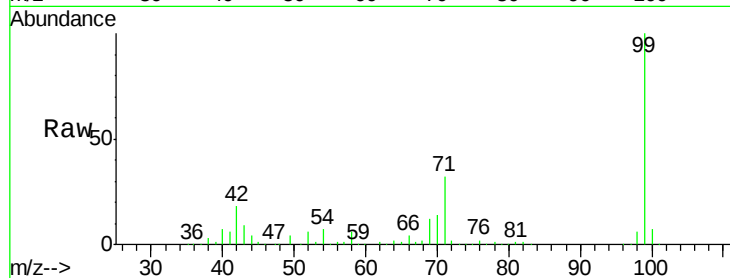
Tgt Ion: 99 Resp: 876925

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

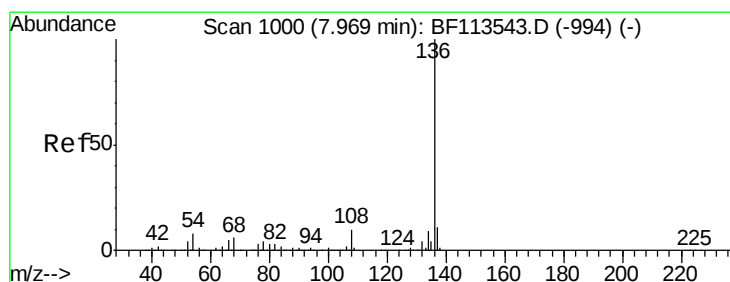
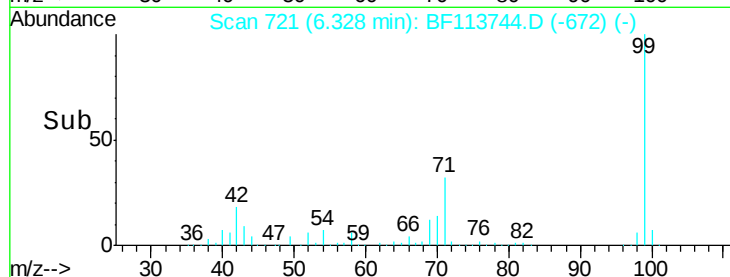
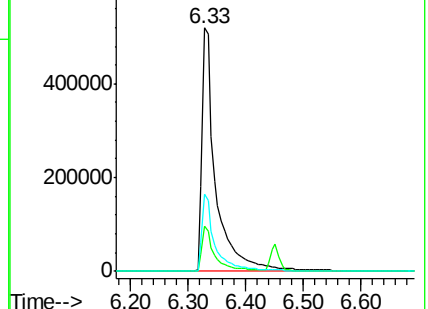
71 31.6 24.9 37.3



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: BF113744.D

Acq: 12 Apr 2019 17:58

Tgt Ion: 136 Resp: 512049

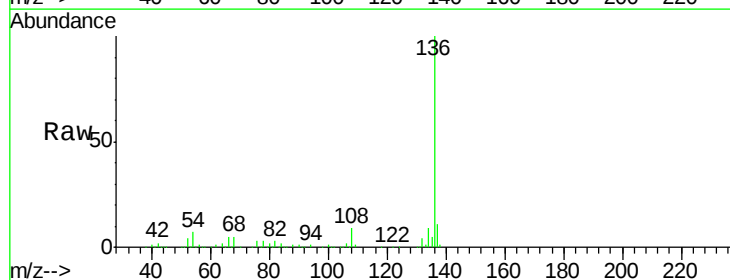
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.1 7.0 10.6

68 5.3 4.8 7.2

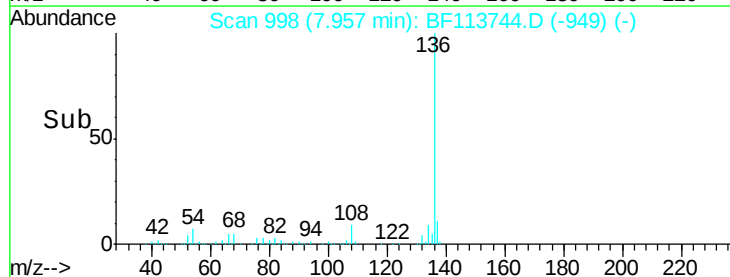
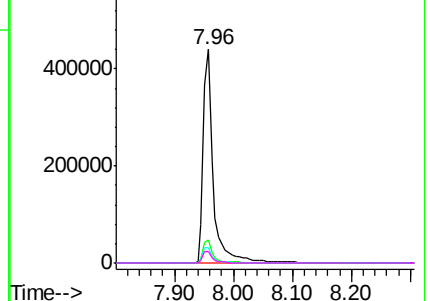


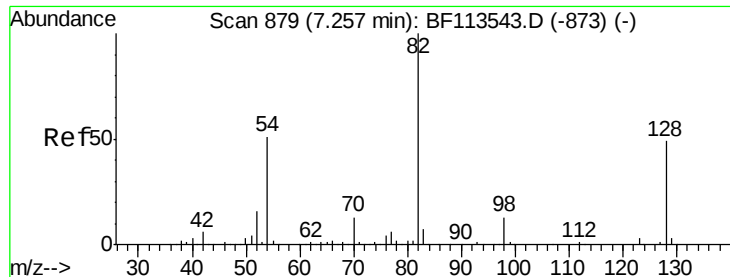
Abundance Ion 136.00 (135.70 to 136.70): E

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

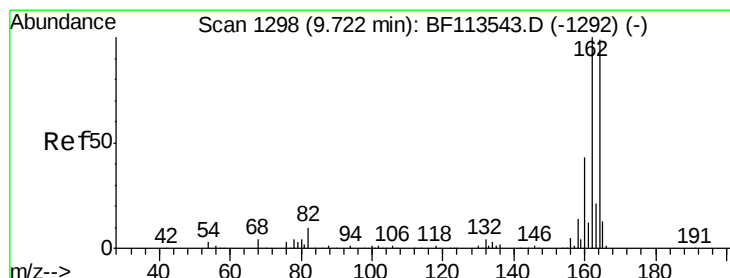
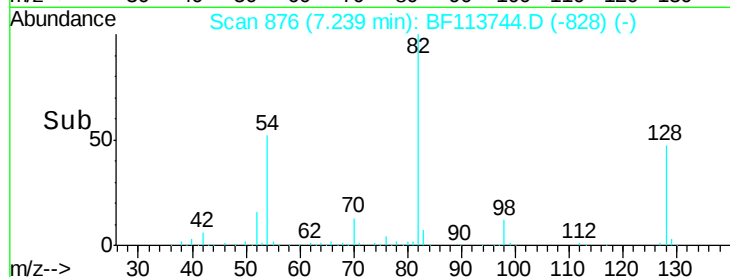
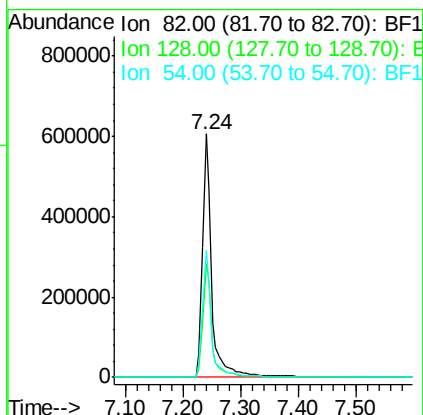
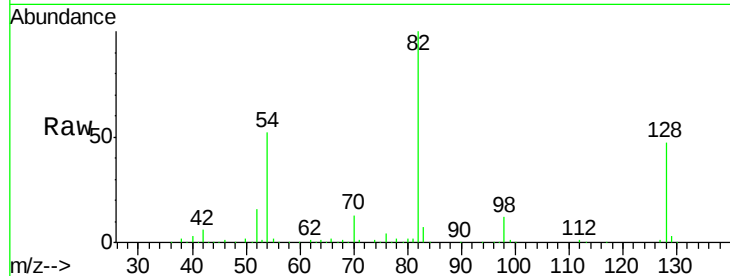




#23
Nitrobenzene-d5
Concen: 78.889 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113744.D
Acq: 12 Apr 2019 17:58

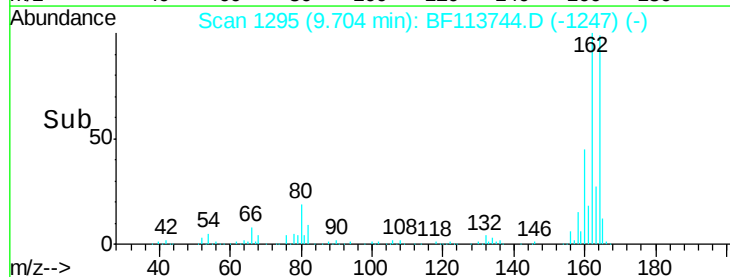
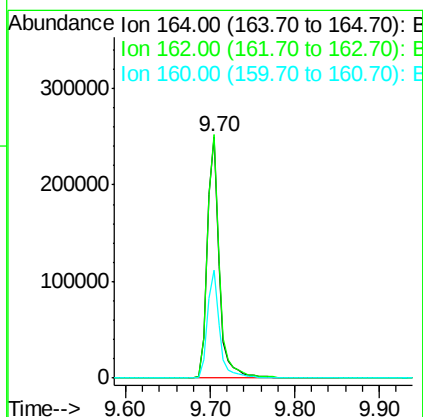
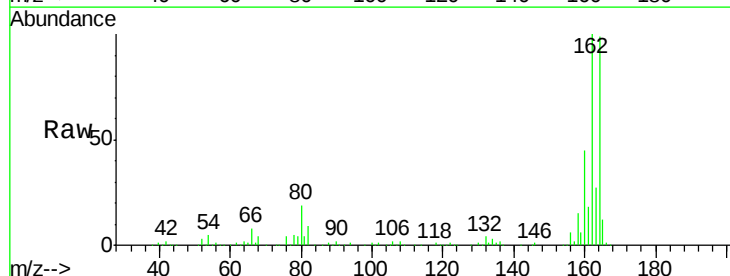
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TP-4-S

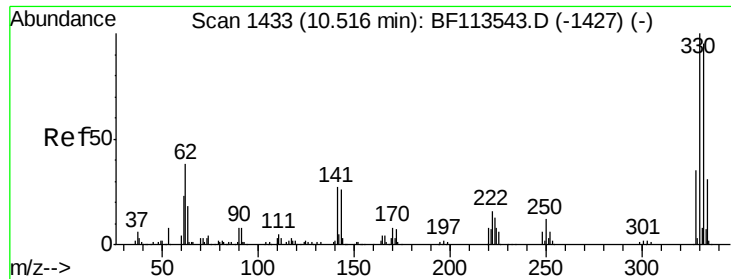
Tgt Ion: 82 Resp: 689628
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 52.4 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113744.D
Acq: 12 Apr 2019 17:58

Tgt Ion: 164 Resp: 246441
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 44.9 36.4 54.6

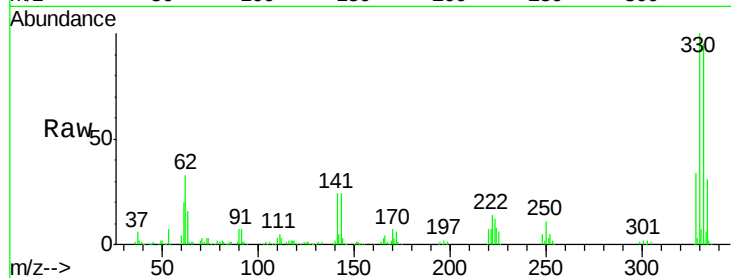




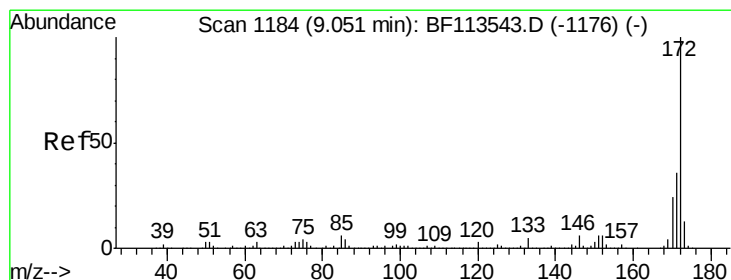
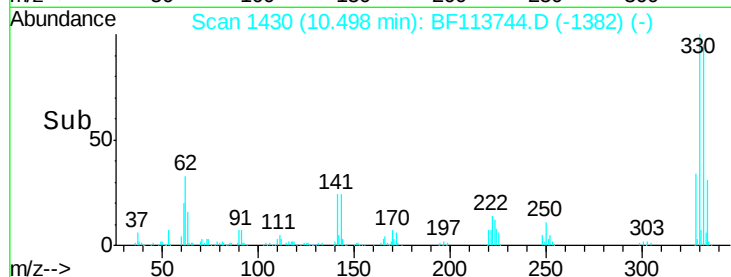
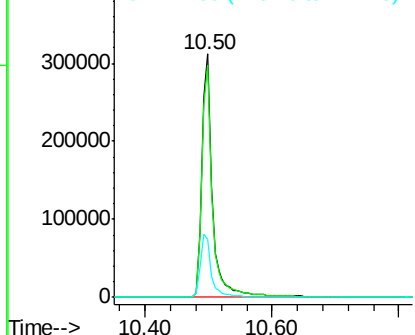
#42
 2,4,6-Tribromophenol
 Concen: 121.438 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113744.D
 Acq: 12 Apr 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tgt Ion:330 Resp: 359499
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 27.4 22.7 34.1

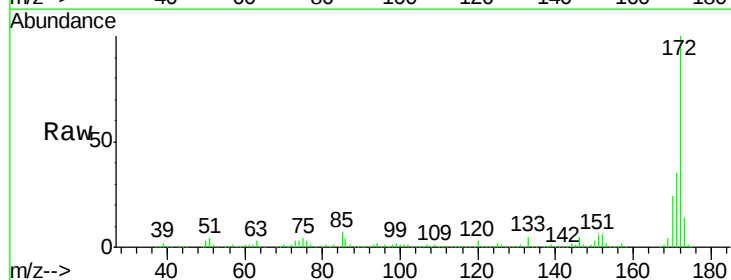


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

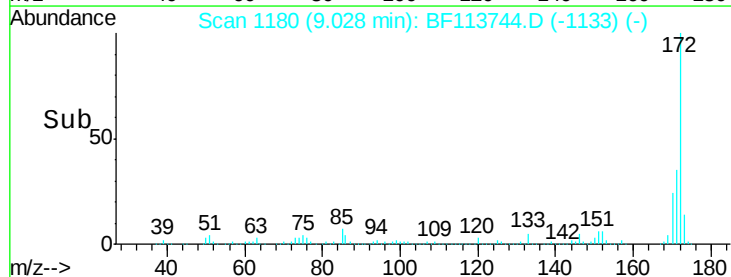
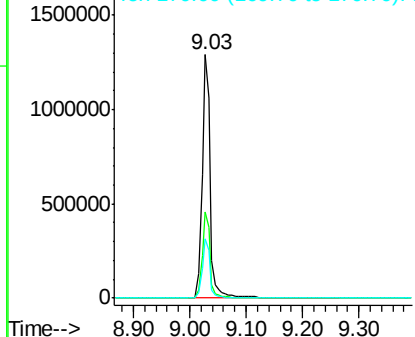


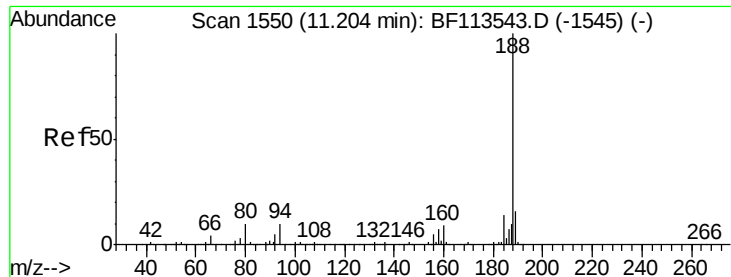
#45
 2-Fluorobiphenyl
 Concen: 83.813 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113744.D
 Acq: 12 Apr 2019 17:58

Tgt Ion:172 Resp: 1283011
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.1 19.5 29.3



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

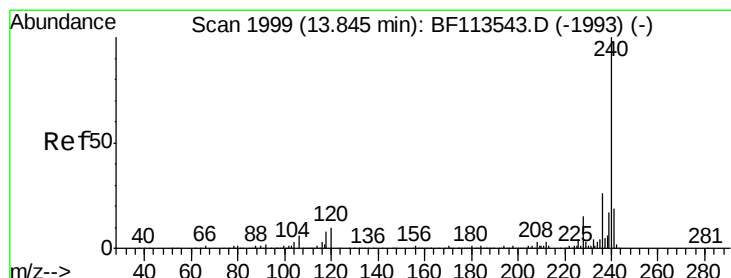
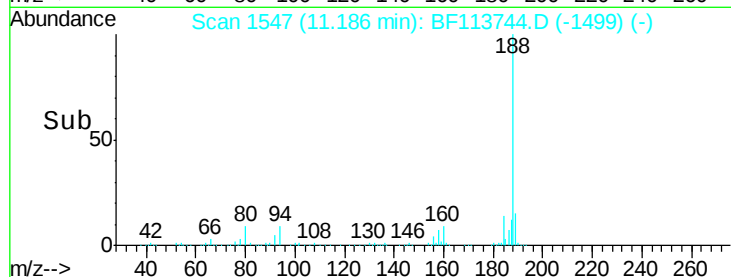
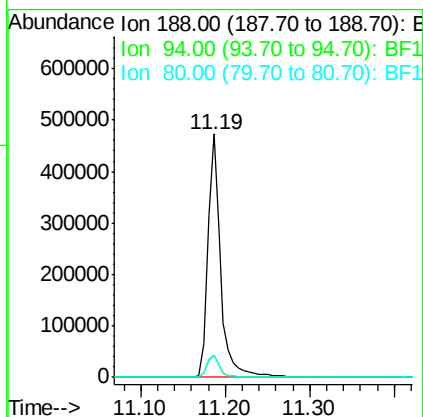
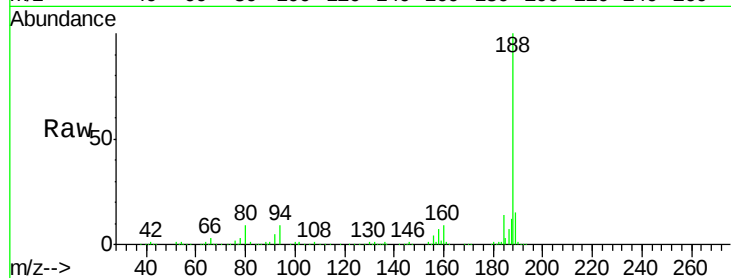




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113744.D
Acq: 12 Apr 2019 17:58

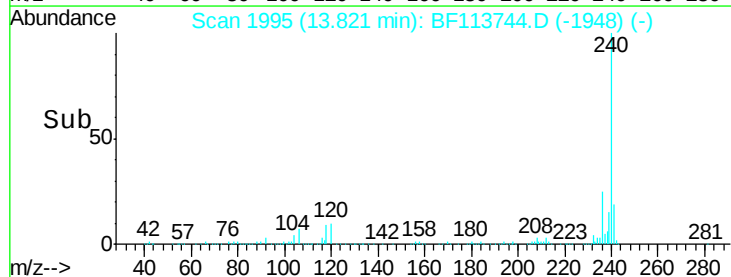
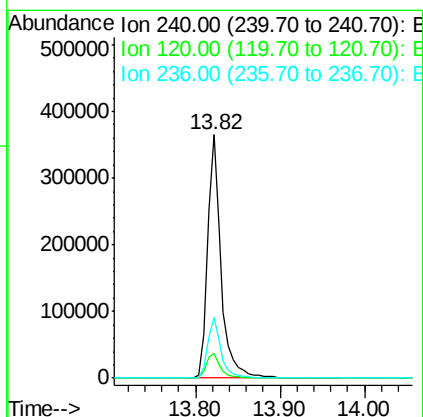
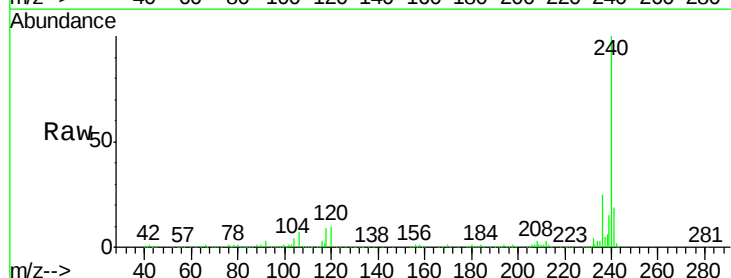
Instrument :
BNA_F
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TP-4-S

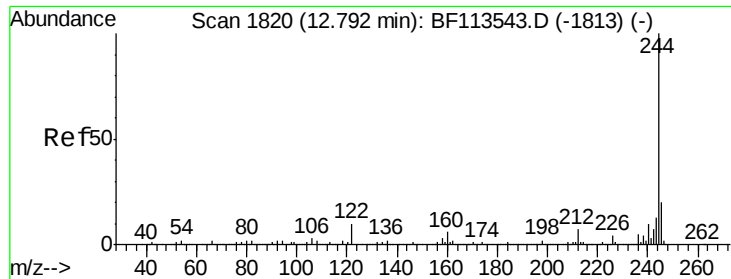
Tgt Ion:188 Resp: 498973
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113744.D
Acq: 12 Apr 2019 17:58

Tgt Ion:240 Resp: 403999
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 24.8 20.9 31.3

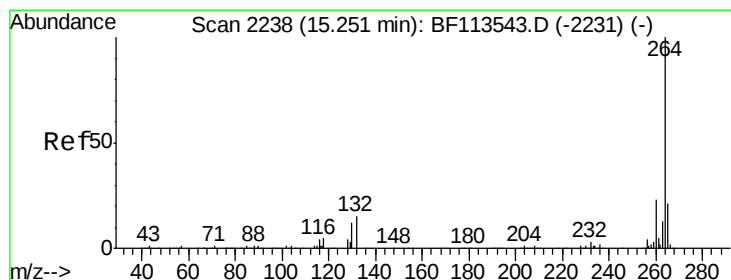
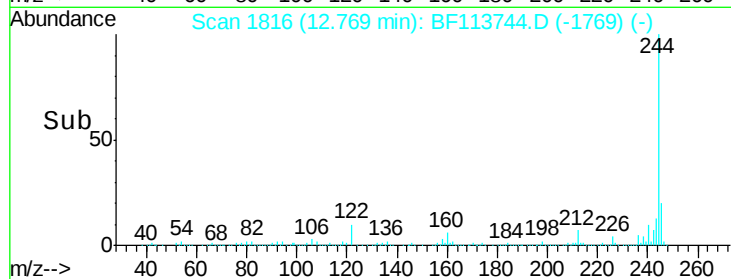
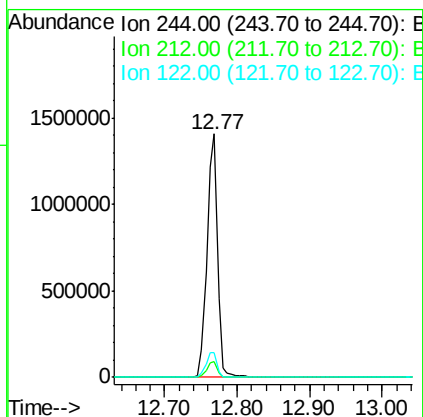
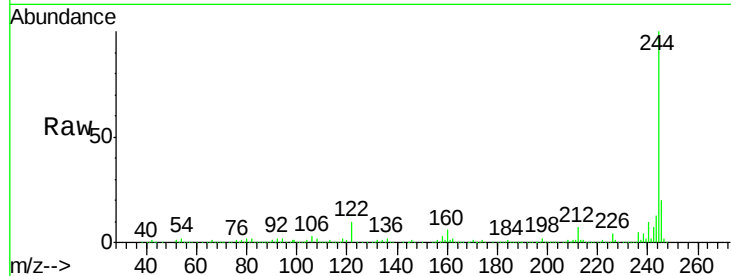




#79
 Terphenyl-d14
 Concen: 71.521 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113744.D
 Acq: 12 Apr 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tgt Ion:244 Resp: 1419165
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.2 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: BF113744.D
 Acq: 12 Apr 2019 17:58

Tgt Ion:264 Resp: 436407
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.6 17.1 25.7

