

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113584.D
 Acq On : 4 Apr 2019 15:36
 Operator : JU/SJ
 Sample : PB118322BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118322BL

Quant Time: Apr 05 04:19:54 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	6.68	152	161585	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	606417	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	309880	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	668206	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	614376	20.00	ng	-0.02
87) Perylene-d12	15.22	264	554562	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1066172	112.51	ng	0.01
7) Phenol-d6	6.33	99	1386979	118.76	ng	0.00
23) Nitrobenzene-d5	7.25	82	851278	82.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	461201	123.90	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1636861	85.04	ng	-0.01
79) Terphenyl-d14	12.77	244	1937516	64.21	ng	-0.02

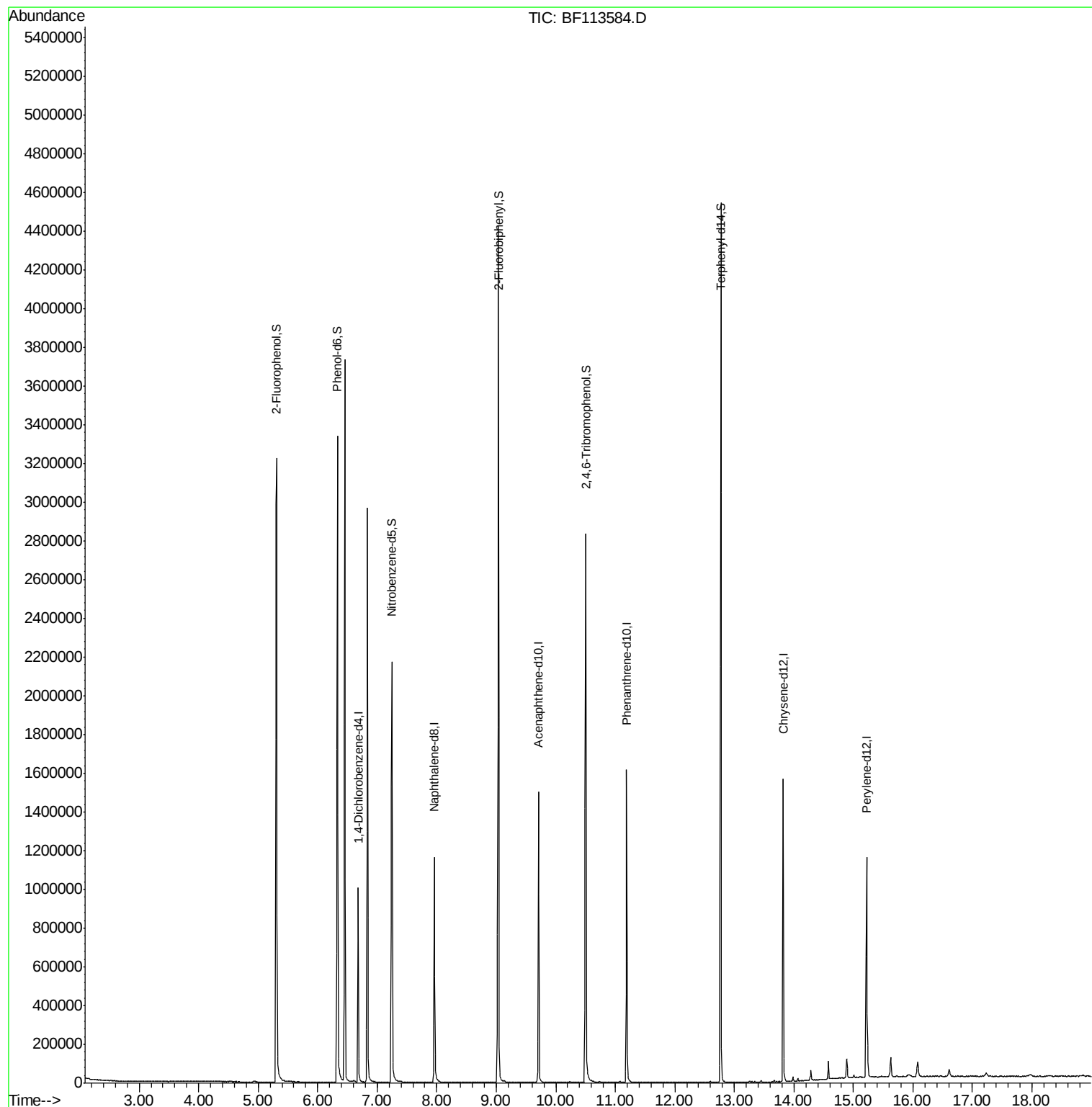
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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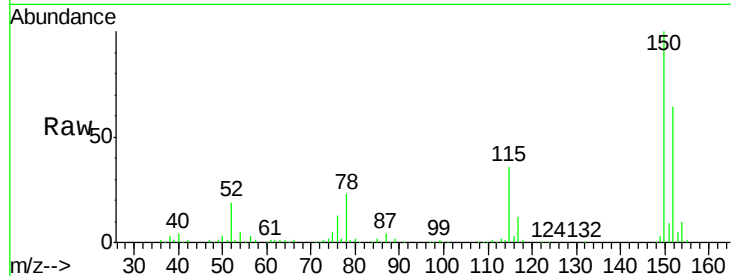




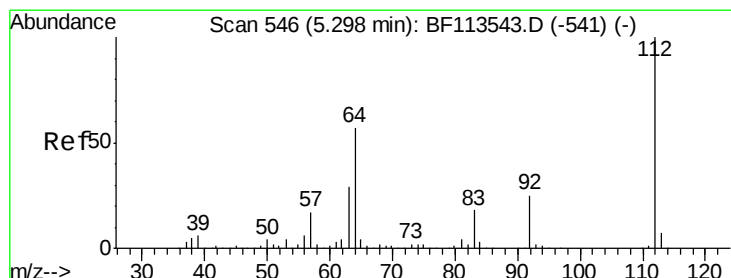
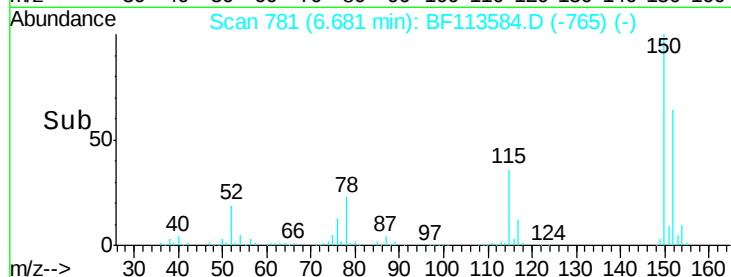
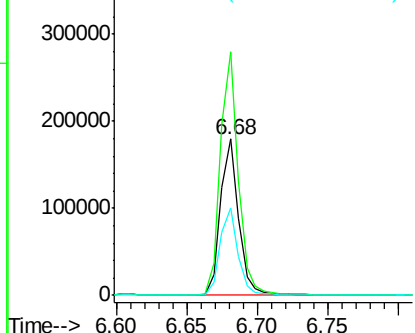
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113584.D
 Acq: 4 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118322BL

Tgt Ion:152 Resp: 161585
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.7 187.1
 115 55.9 46.0 69.0

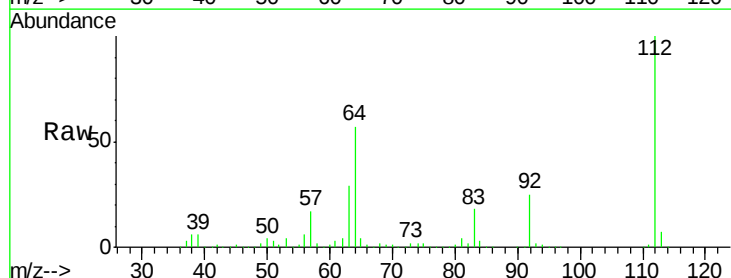


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

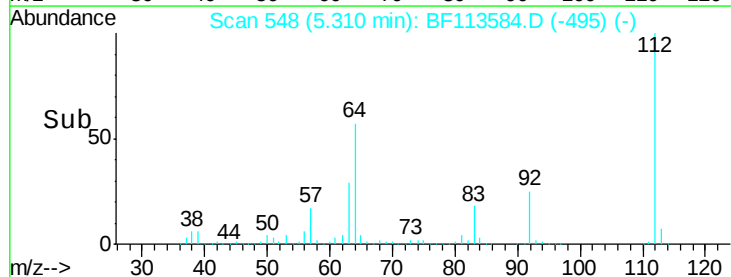
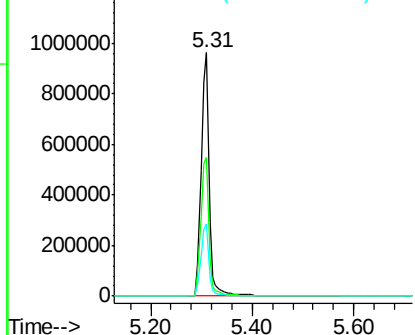


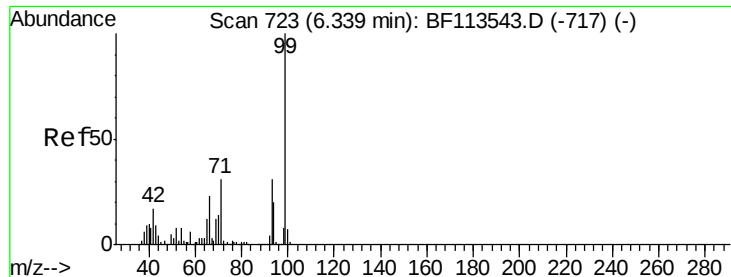
#5
 2-Fluorophenol
 Concen: 112.515 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF113584.D
 Acq: 4 Apr 2019 15:36

Tgt Ion:112 Resp: 1066172
 Ion Ratio Lower Upper
 112 100
 64 57.2 49.2 73.8
 63 29.4 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: 118.758 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113584.D

Acq: 4 Apr 2019 15:36

Instrument :

BNA_F

ClientSampleId :

PB118322BL

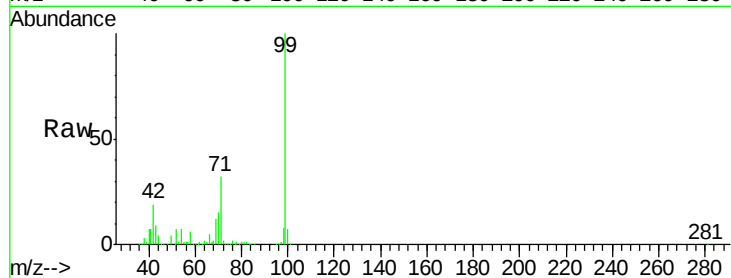
Tgt Ion: 99 Resp: 1386979

Ion Ratio Lower Upper

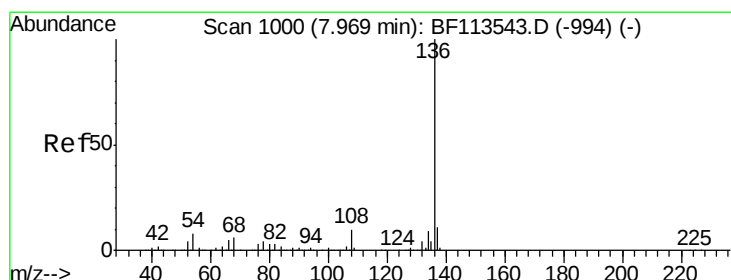
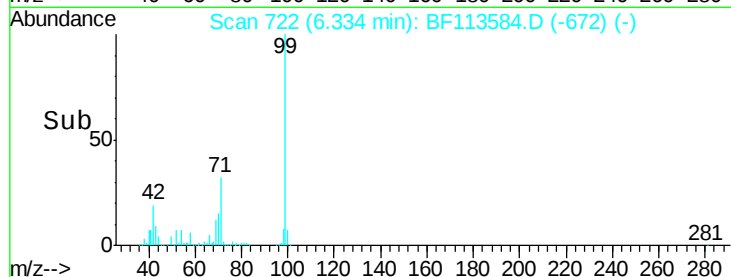
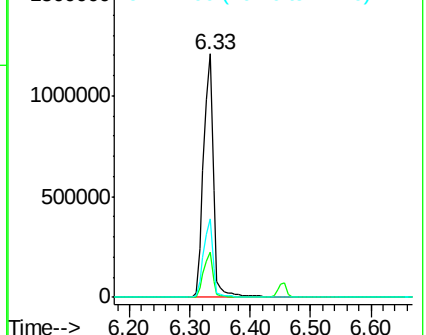
99 100

42 18.6 14.8 22.2

71 32.1 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# 999

Delta R.T. -0.01 min

Lab File: BF113584.D

Acq: 4 Apr 2019 15:36

Tgt Ion: 136 Resp: 606417

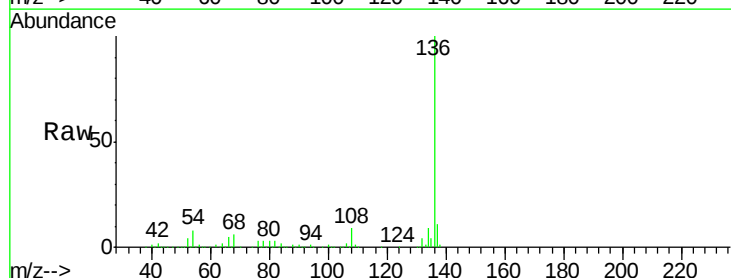
Ion Ratio Lower Upper

136 100

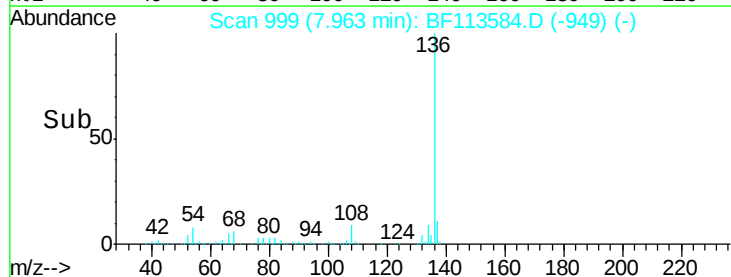
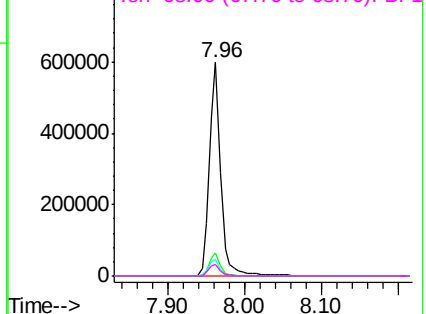
137 10.8 8.9 13.3

54 7.7 7.0 10.6

68 5.6 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

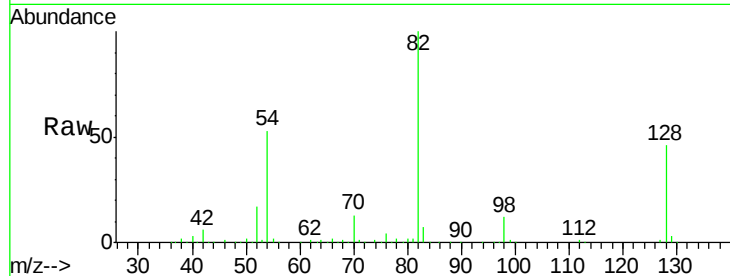




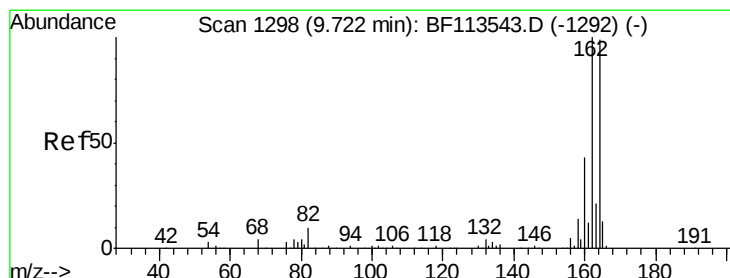
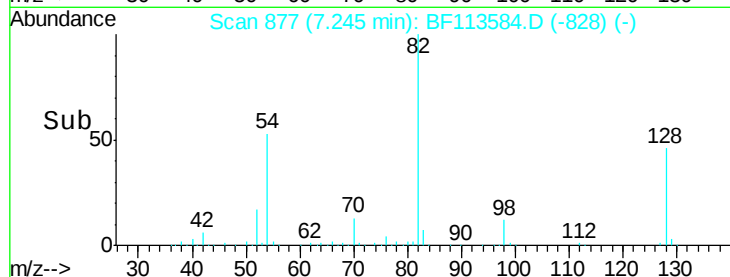
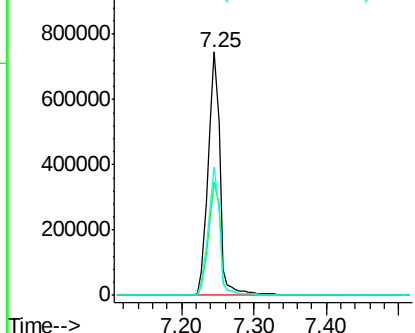
#23
 Nitrobenzene-d5
 Concen: 82.227 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113584.D
 Acq: 4 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampleID :
 PB118322BL

Tgt Ion: 82 Resp: 851278
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.5 54.7
 54 52.7 42.2 63.2

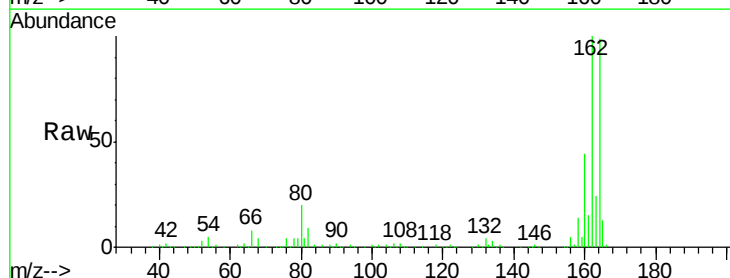


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

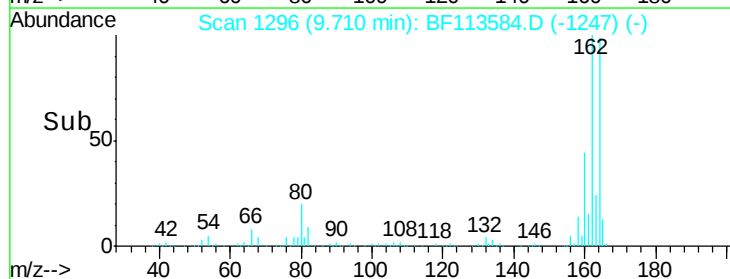
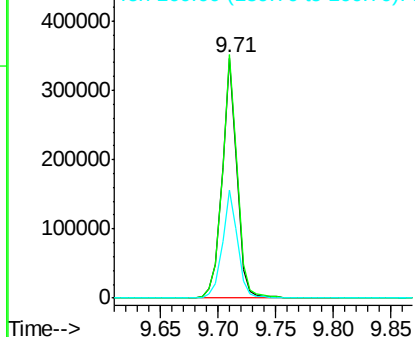


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113584.D
 Acq: 4 Apr 2019 15:36

Tgt Ion: 164 Resp: 309880
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.6
 160 45.0 36.4 54.6



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

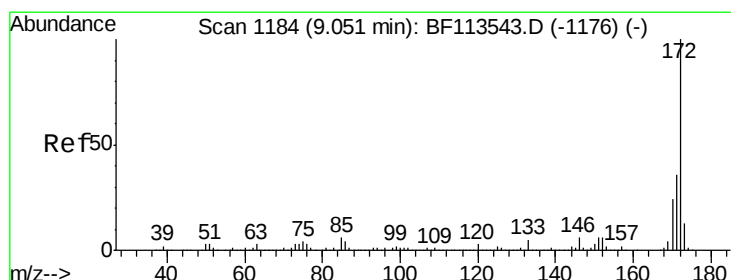
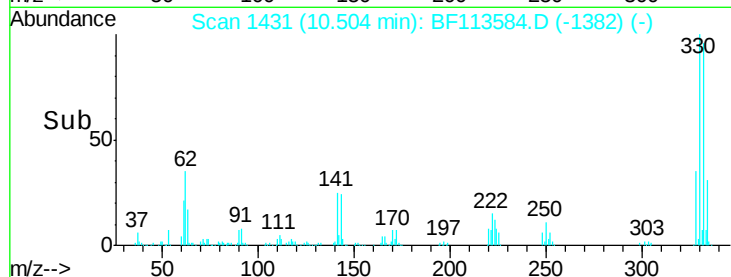
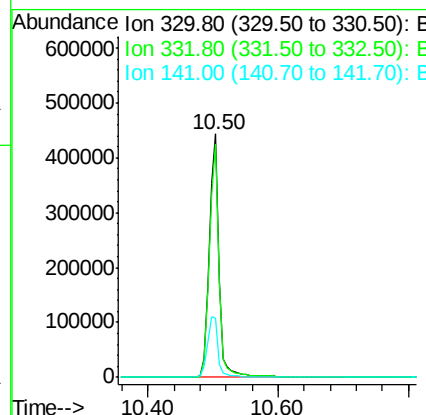
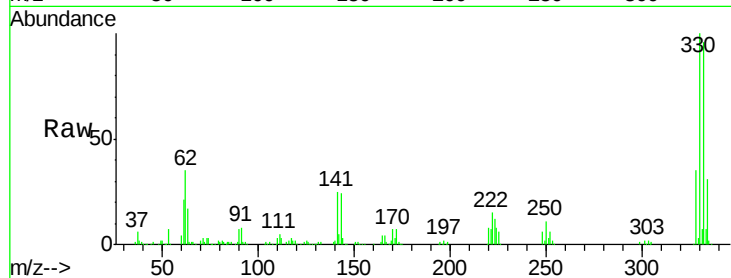




#42
 2,4,6-Tribromophenol
 Concen: 123.898 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113584.D
 Acq: 4 Apr 2019 15:36

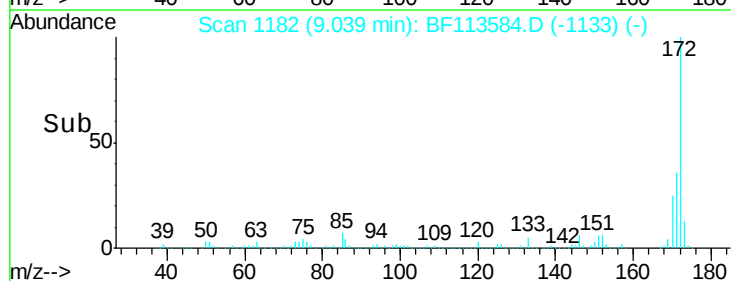
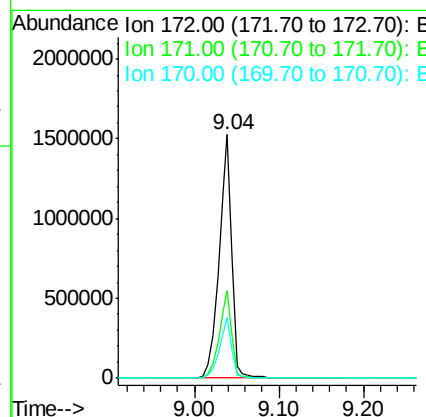
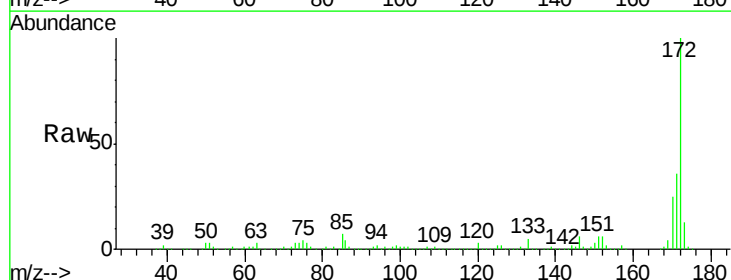
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 ClientSampleId :
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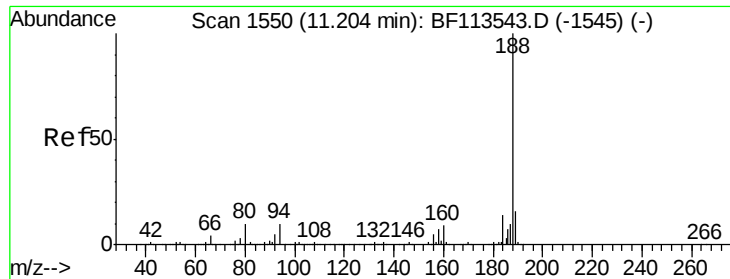
Tgt Ion:330 Resp: 461201
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.3 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 85.038 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113584.D
 Acq: 4 Apr 2019 15:36

Tgt Ion:172 Resp: 1636861
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.8 19.5 29.3

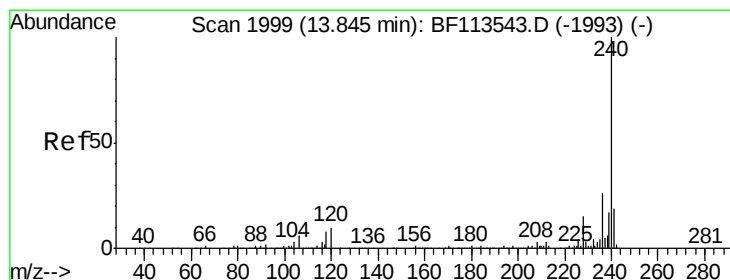
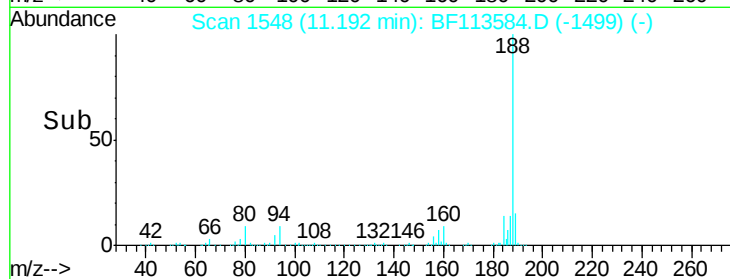
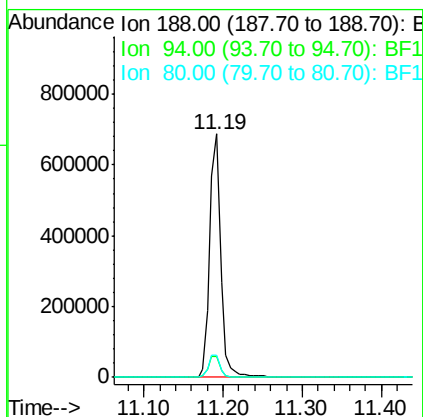
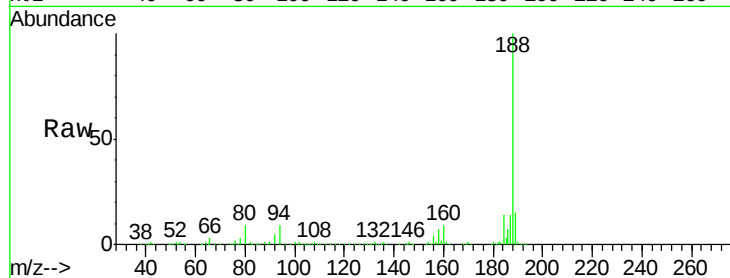




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113584.D
Acq: 4 Apr 2019 15:36

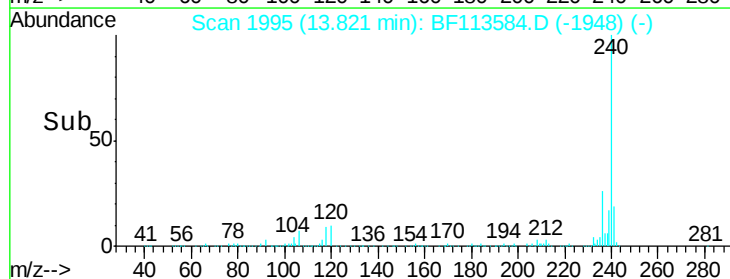
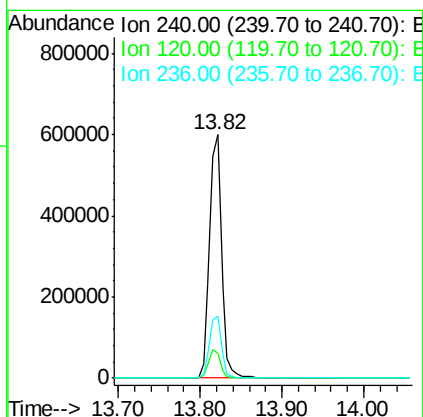
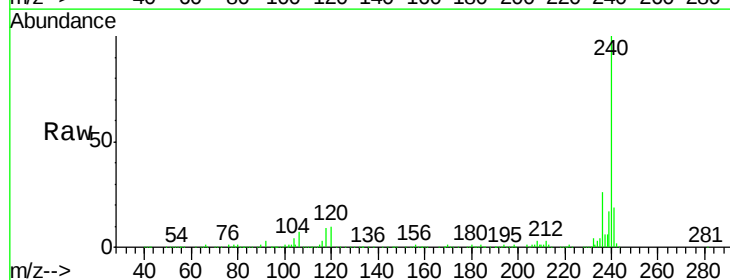
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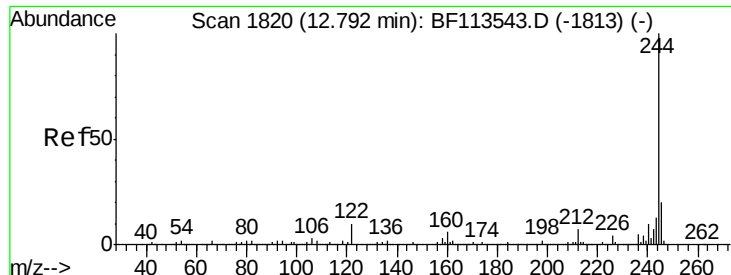
Tgt Ion:188 Resp: 668206
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113584.D
Acq: 4 Apr 2019 15:36

Tgt Ion:240 Resp: 614376
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 25.7 20.9 31.3

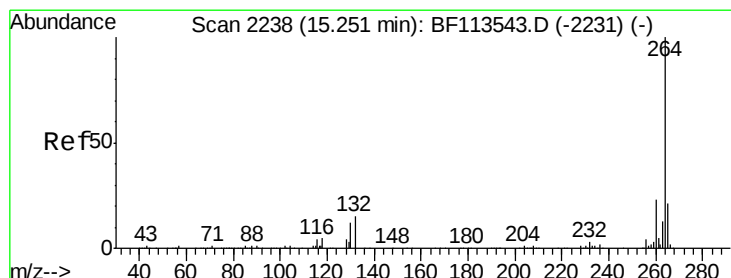
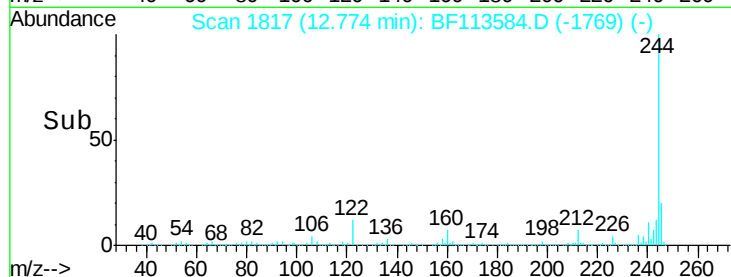
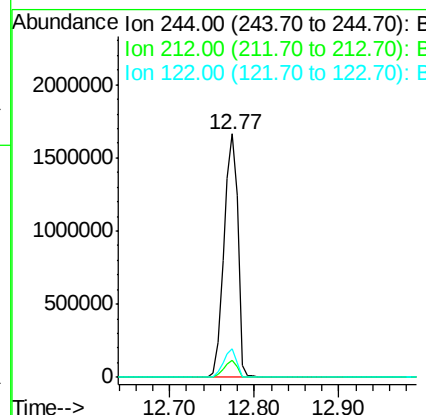
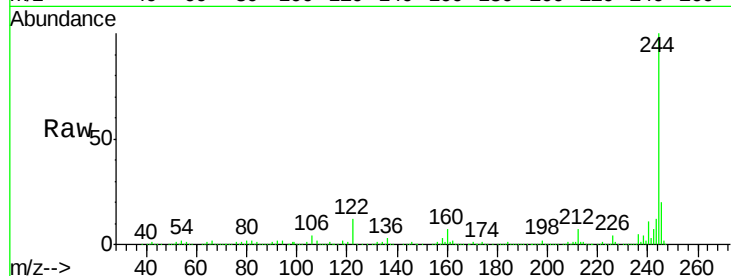




#79
 Terphenyl-d14
 Concen: 64.208 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113584.D
 Acq: 4 Apr 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB118322BL

Tgt Ion:244 Resp: 1937516
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.03 min
 Lab File: BF113584.D
 Acq: 4 Apr 2019 15:36

Tgt Ion:264 Resp: 554562
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.4 17.1 25.7

