

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113142.D
 Acq On : 19 Mar 2019 23:03
 Operator : JU/SJ
 Sample : K1971-04 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(7-8)-031519

Quant Time: Mar 20 03:00:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151392	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	573671	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	282698	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	471431	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	339456	20.00	ng	0.00
87) Perylene-d12	15.28	264	269973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	78840	8.10	ng	-0.01
7) Phenol-d6	6.36	99	124565	10.19	ng	-0.01
23) Nitrobenzene-d5	7.28	82	63698	6.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	27543	9.18	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	150792	5.78	ng	-0.01
79) Terphenyl-d14	12.82	244	118847	6.79	ng	0.00

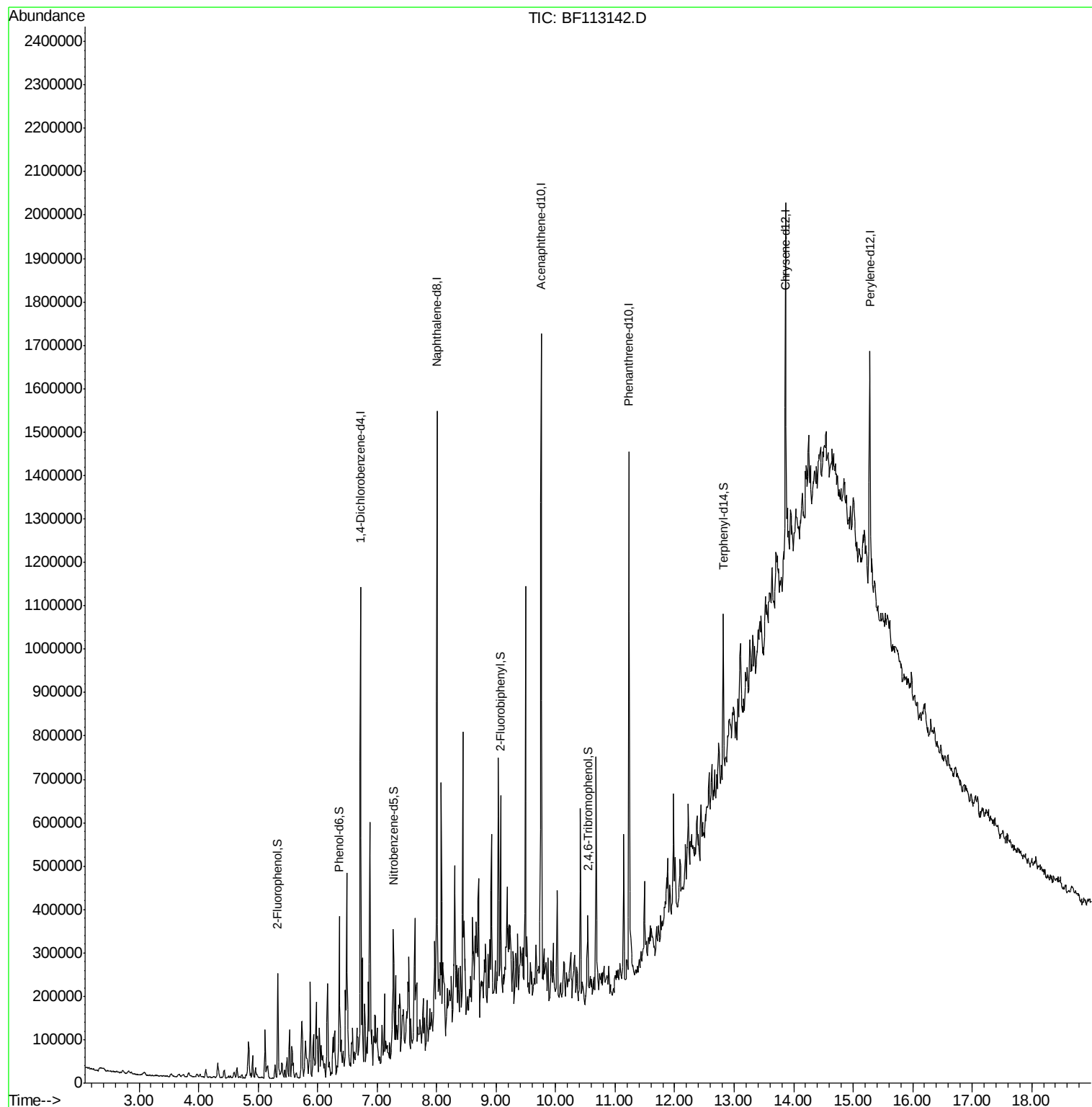
Target Compounds	Qvalue
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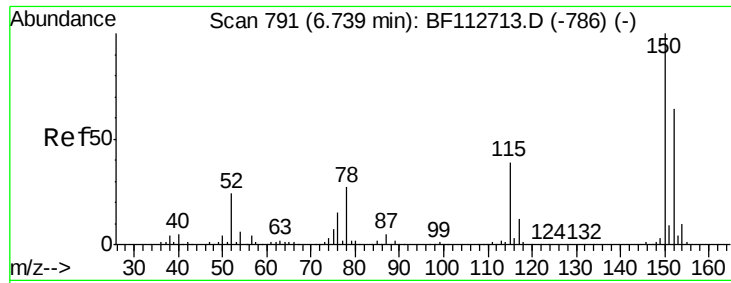
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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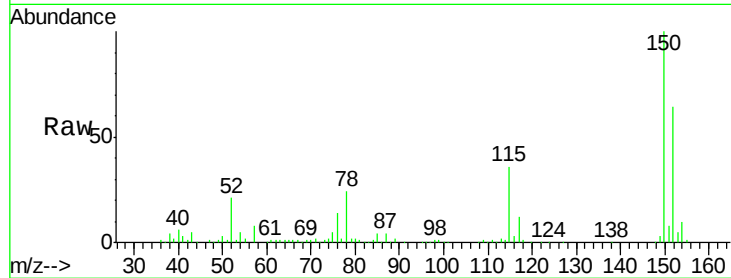




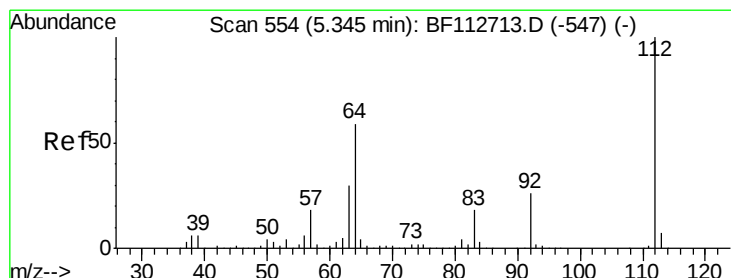
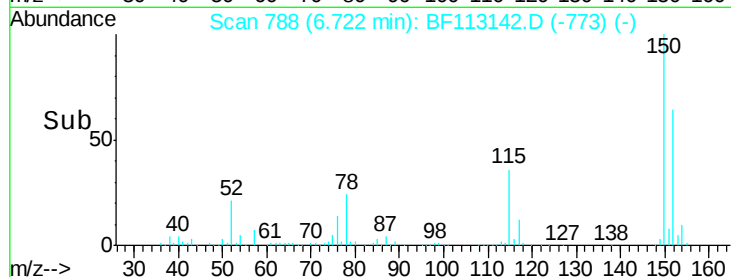
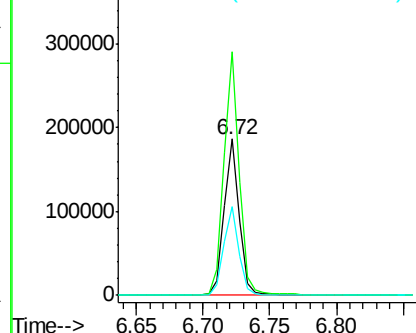
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113142.D
 Acq: 19 Mar 2019 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(7-8)-031519

Tgt Ion:152 Resp: 151392
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.2
 115 56.5 48.2 72.4

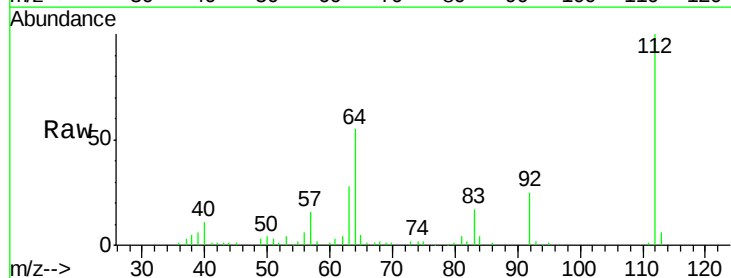


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

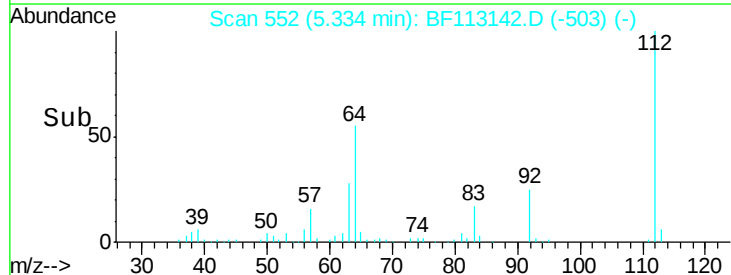
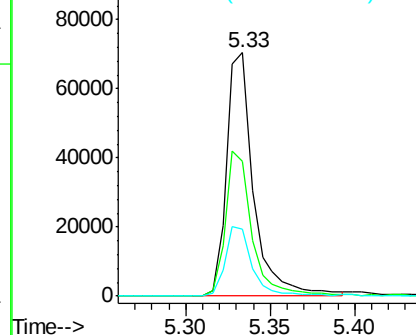


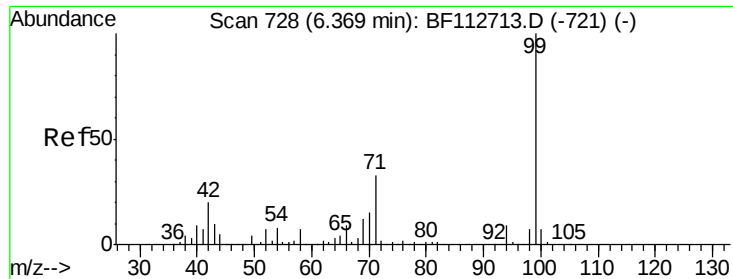
#5
 2-Fluorophenol
 Concen: 8.101 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113142.D
 Acq: 19 Mar 2019 23:03

Tgt Ion:112 Resp: 78840
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.6 71.4
 63 27.7 24.4 36.6



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: 10.189 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113142.D

Acq: 19 Mar 2019 23:03

Instrument :

BNA_F

ClientSampleId :

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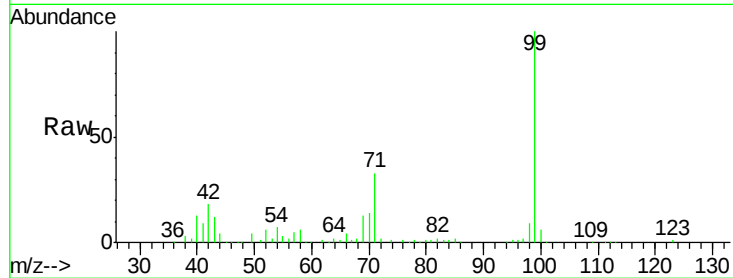
Tgt Ion: 99 Resp: 124565

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

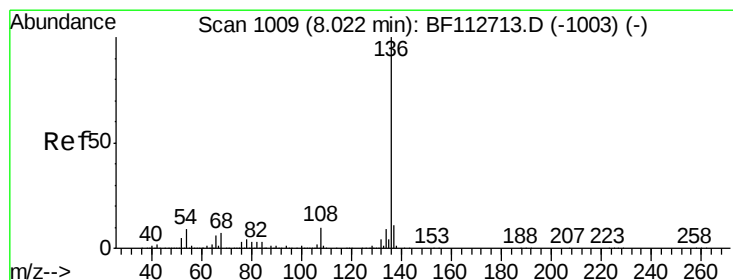
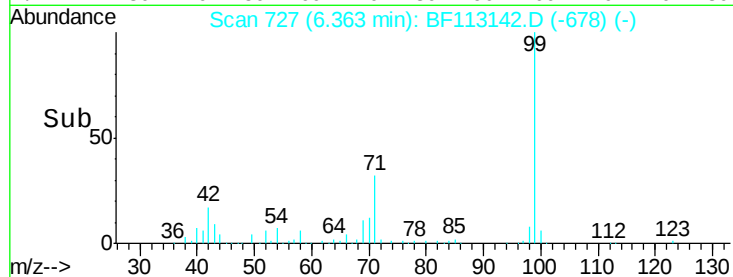
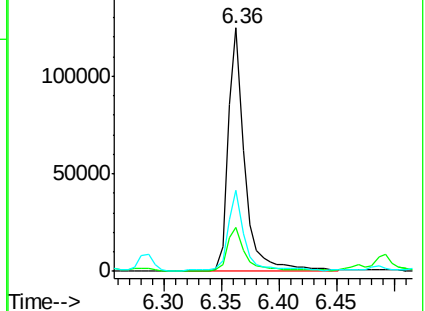
71 33.1 26.2 39.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113142.D

Acq: 19 Mar 2019 23:03

Tgt Ion: 136 Resp: 573671

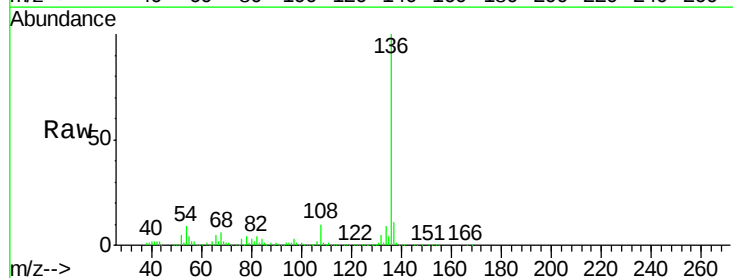
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.7 7.3 10.9

68 6.4 5.4 8.2

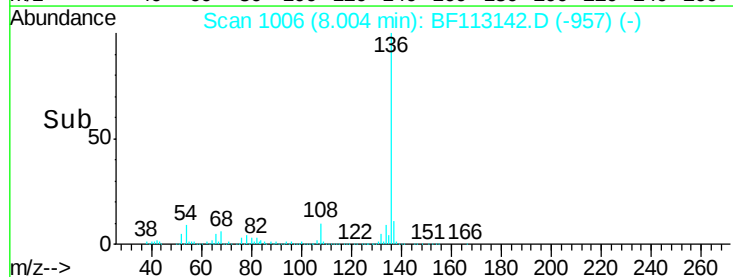
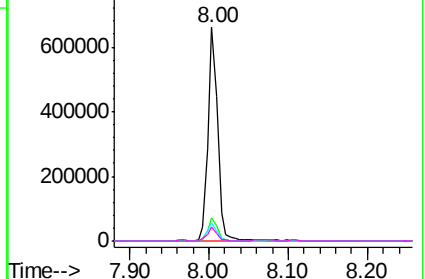


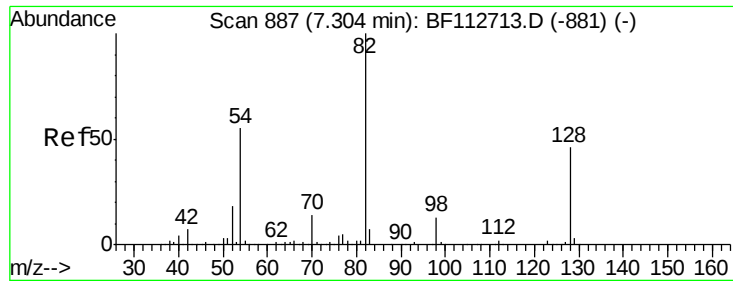
Abundance Ion 136.00 (135.70 to 136.70): E

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

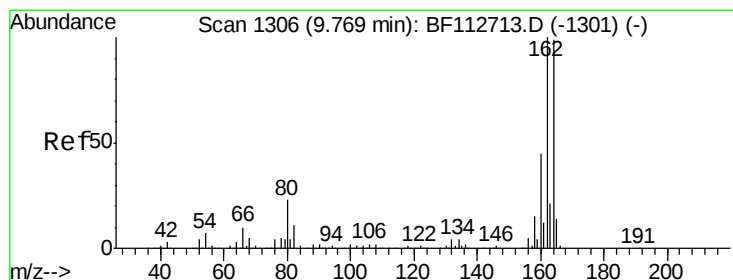
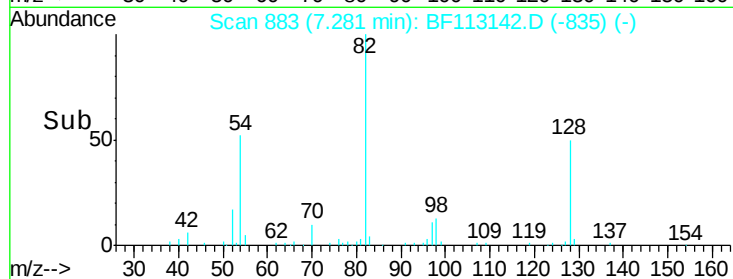
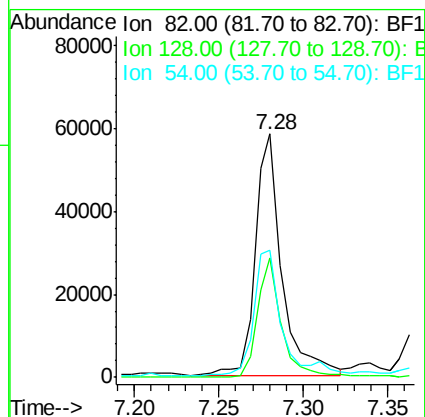
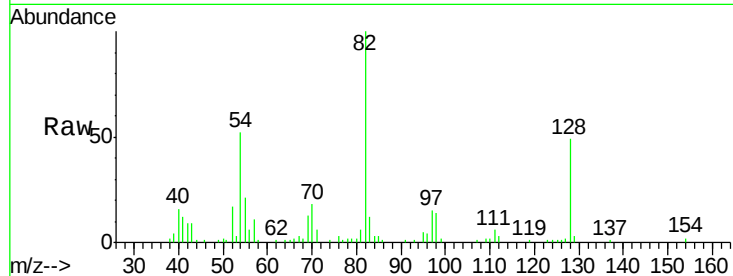




#23
Nitrobenzene-d5
Concen: 6.644 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113142.D
Acq: 19 Mar 2019 23:03

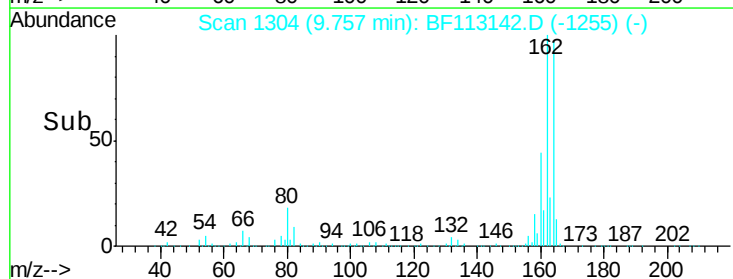
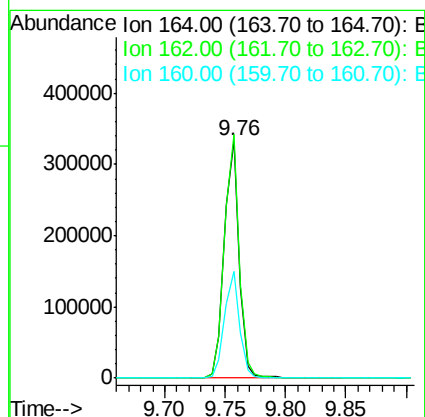
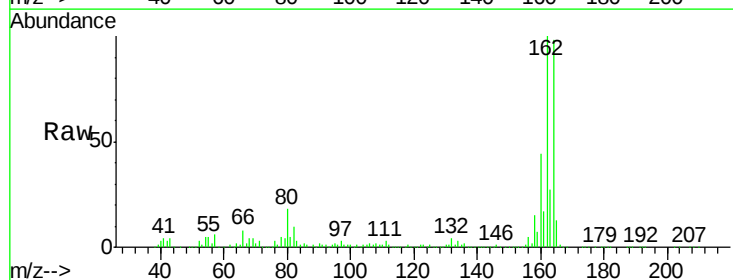
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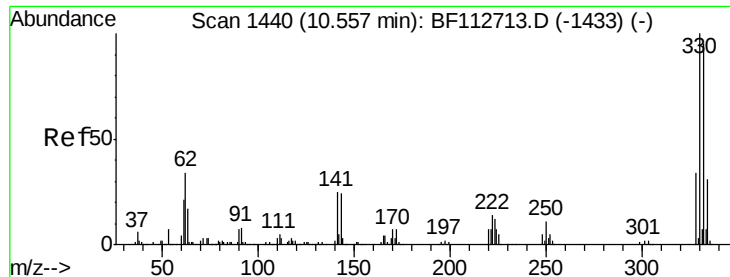
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.3	54.5
54	52.4	43.7	65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113142.D
Acq: 19 Mar 2019 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	120.8
160	45.0	36.0	54.0

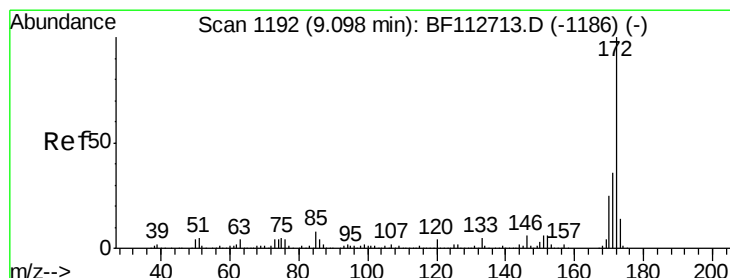
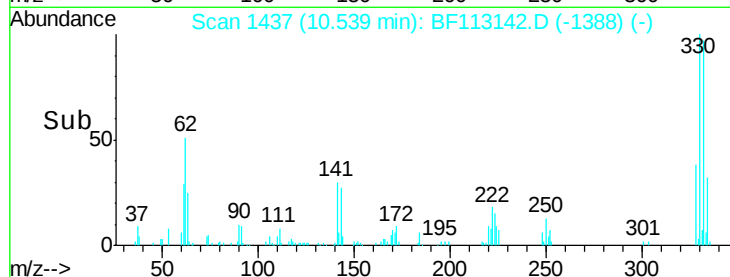
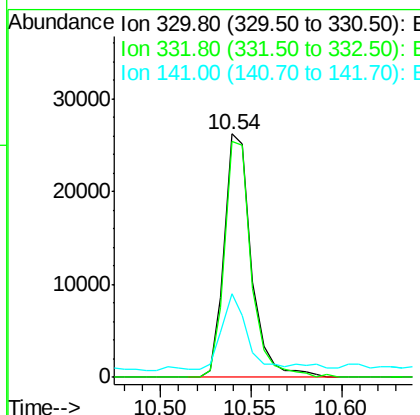
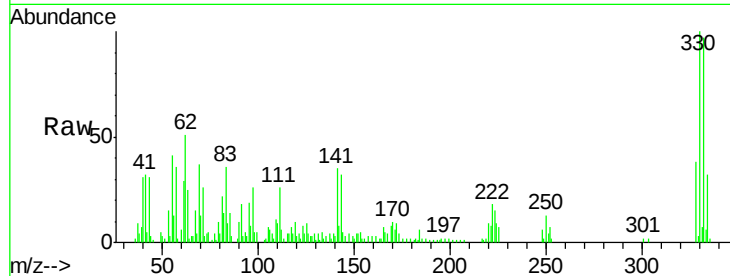




#42
 2,4,6-Tribromophenol
 Concen: 9.177 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113142.D
 Acq: 19 Mar 2019 23:03

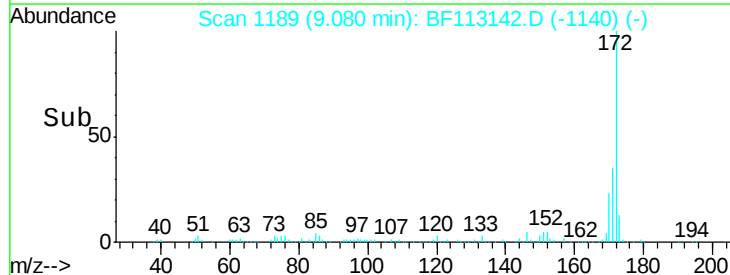
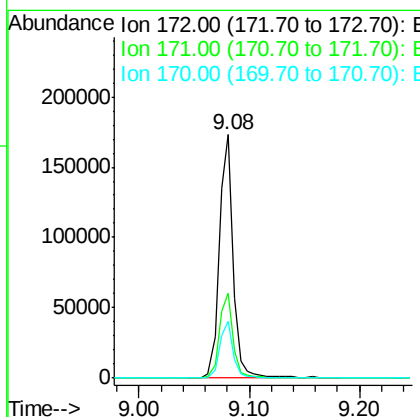
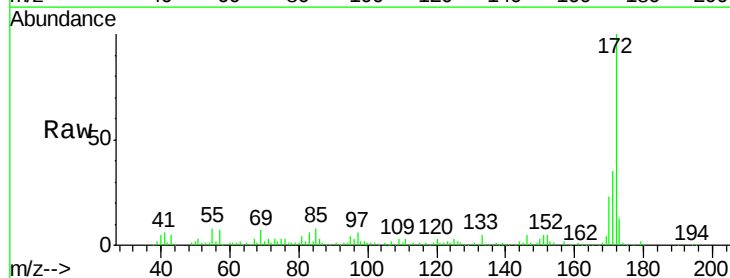
Instrument :
 BNA_F
 ClientSampleId :
 SB-9(7-8)-031519

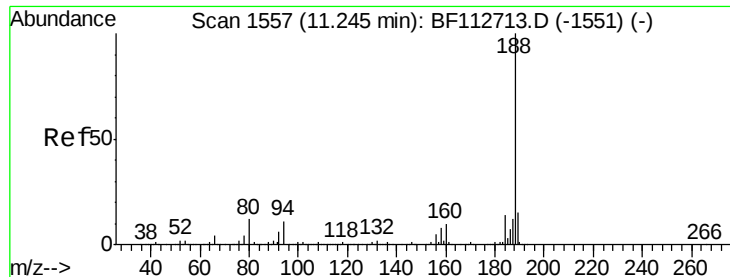
Tgt Ion:330 Resp: 27543
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 28.4 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 5.783 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113142.D
 Acq: 19 Mar 2019 23:03

Tgt Ion:172 Resp: 150792
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.0 43.4
 170 23.1 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113142.D

Acq: 19 Mar 2019 23:03

Instrument :

BNA_F

ClientSampleId :

SB-9(7-8)-031519

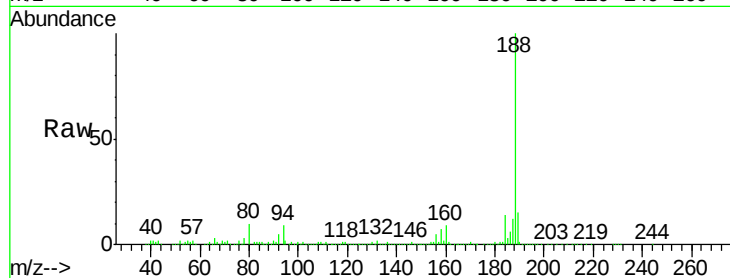
Tgt Ion:188 Resp: 471431

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

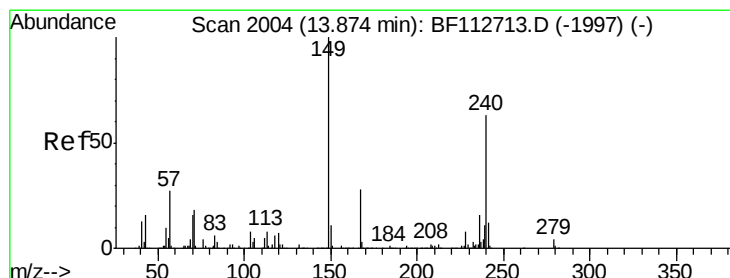
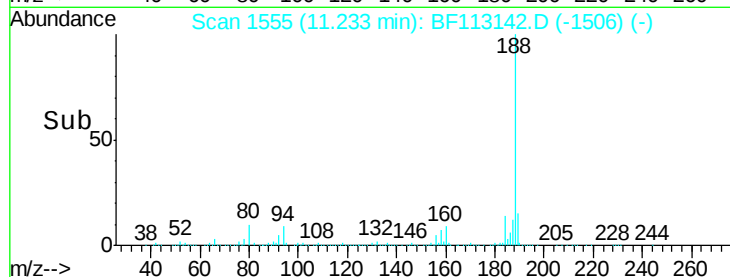
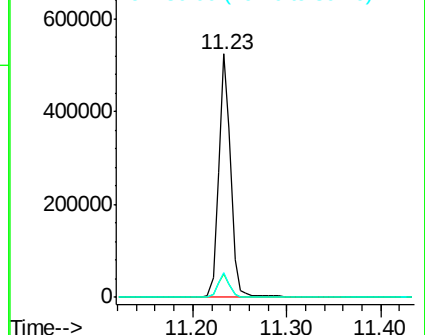
80 10.1 9.2 13.8



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: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113142.D

Acq: 19 Mar 2019 23:03

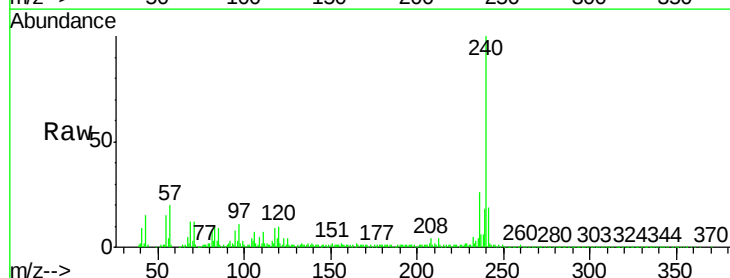
Tgt Ion:240 Resp: 339456

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

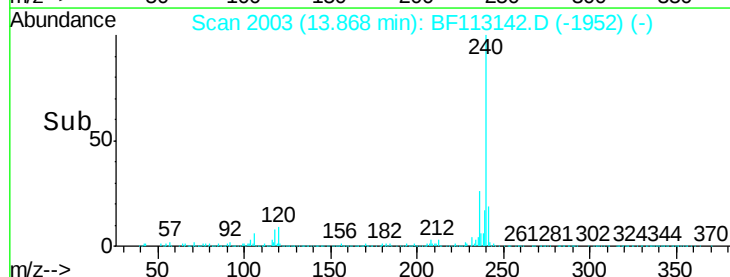
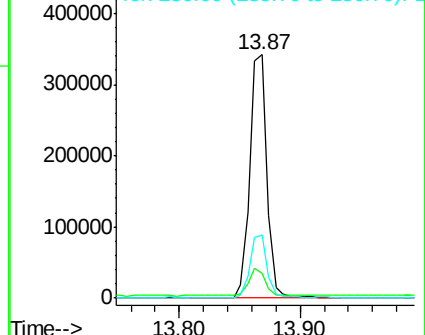
236 25.9 20.7 31.1

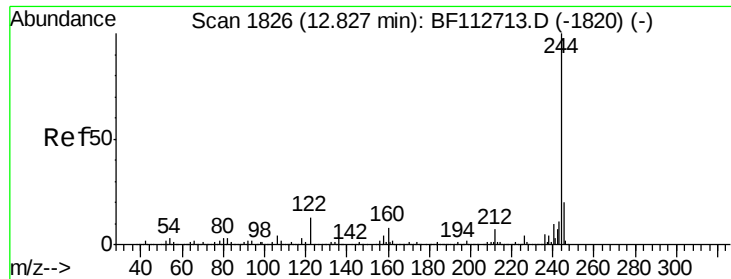


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

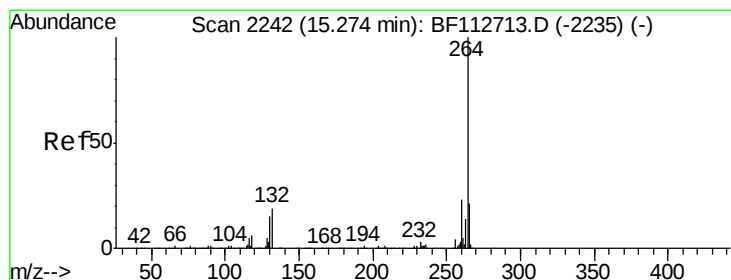
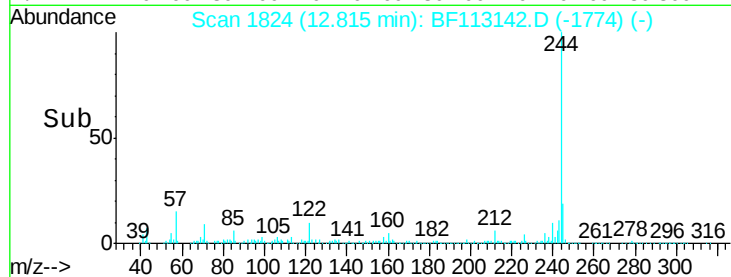
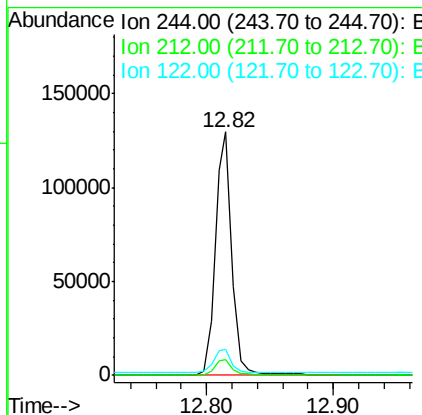
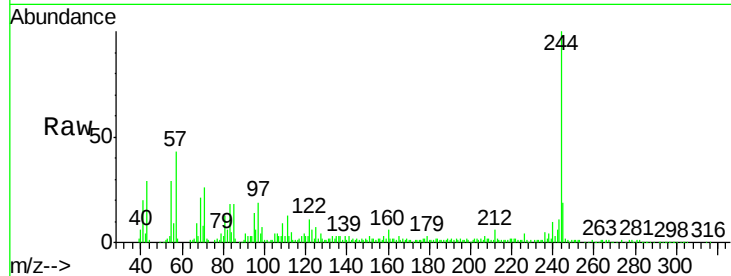




#79
 Terphenyl-d14
 Concen: 6.787 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113142.D
 Acq: 19 Mar 2019 23:03

Instrument :
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 SB-9(7-8)-031519

Tgt Ion: 244 Resp: 118847
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.7 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113142.D
 Acq: 19 Mar 2019 23:03

Tgt Ion: 264 Resp: 269973
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.2 17.2 25.8

