

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113182.D
 Acq On : 20 Mar 2019 20:28
 Operator : JU/SJ
 Sample : K1984-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(7-8)

Quant Time: Mar 21 15:18:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114340	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	451119	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	207883	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	378874	20.00	ng	0.00
76) Chrysene-d12	13.87	240	359316	20.00	ng	0.00
87) Perylene-d12	15.28	264	281690	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	55688	7.58	ng	0.00
7) Phenol-d6	6.37	99	82223	8.90	ng	0.00
23) Nitrobenzene-d5	7.28	82	41653	5.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	19403	8.79	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	106166	5.47	ng	0.00
79) Terphenyl-d14	12.82	244	100668	5.43	ng	0.00

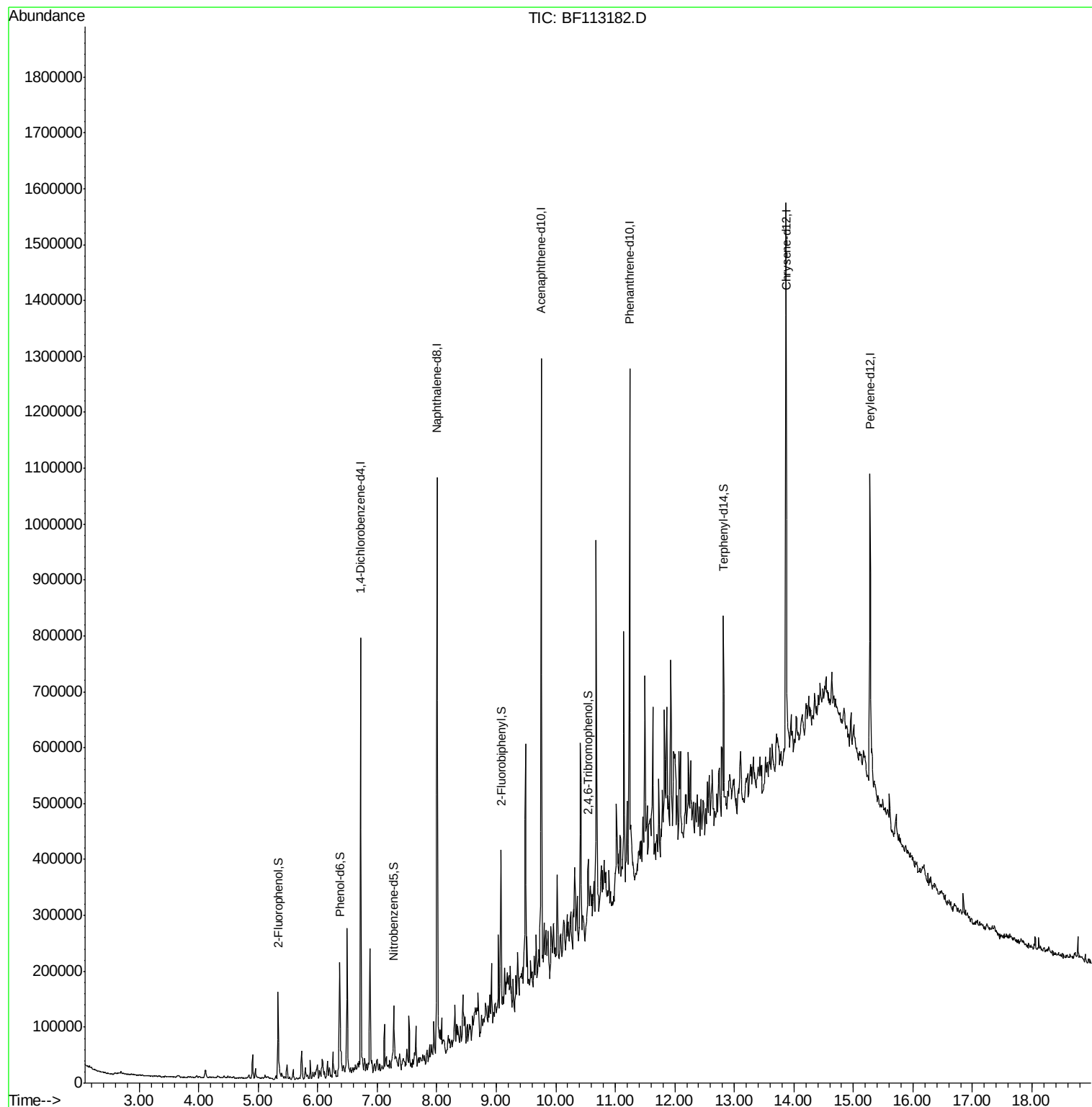
Target Compounds	Qvalue
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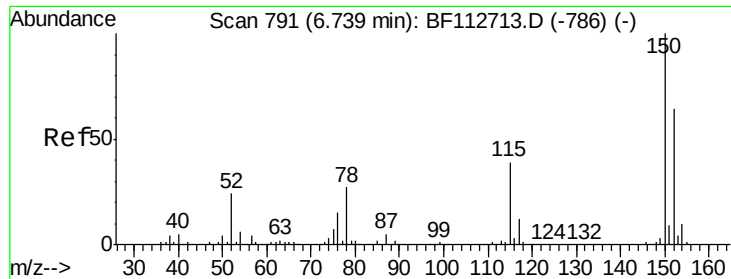
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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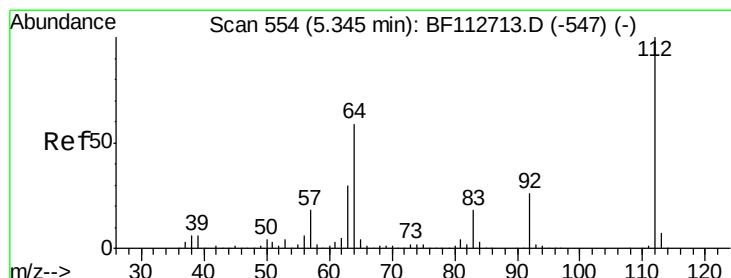
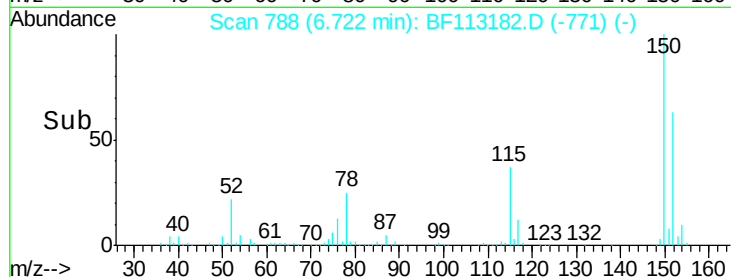
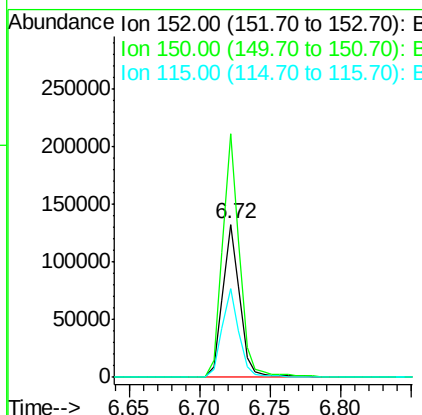
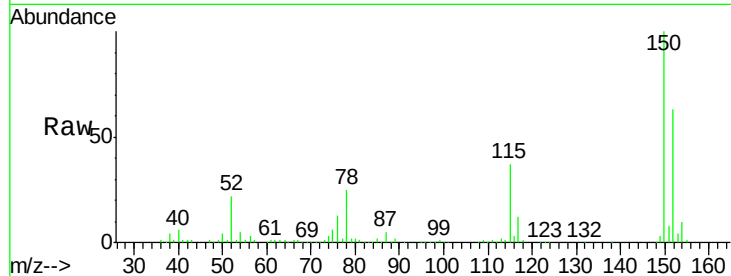




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

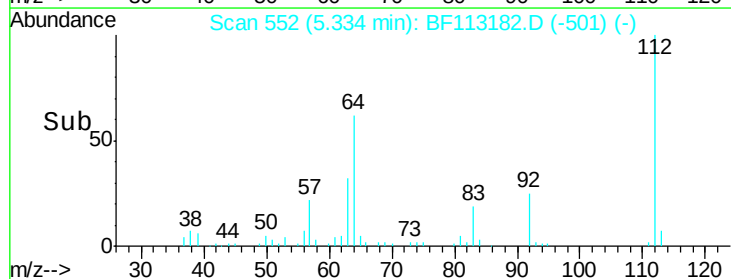
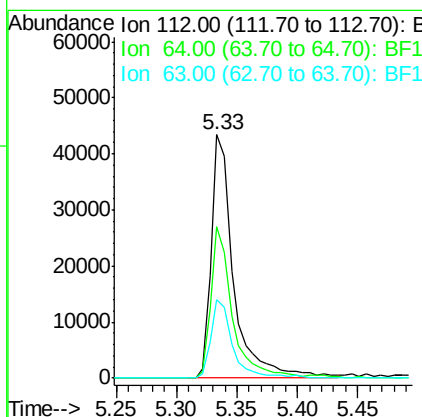
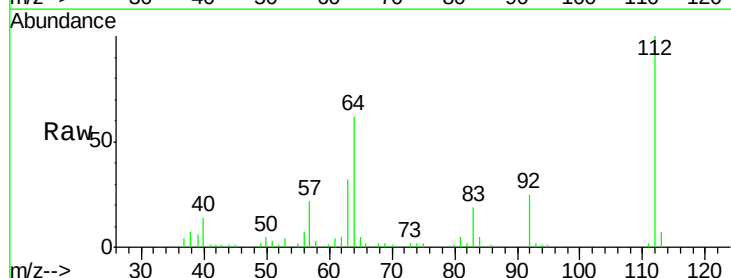
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(7-8)

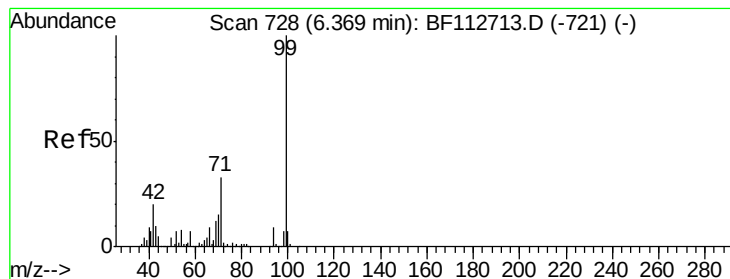
Tgt Ion:152 Resp: 114340
 Ion Ratio Lower Upper
 152 100
 150 159.2 123.0 184.6
 115 58.2 45.9 68.9



#5
 2-Fluorophenol
 Concen: 7.576 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Tgt Ion:112 Resp: 55688
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.3 73.9
 63 32.0 25.4 38.2





#7

Phenol-d6

Concen: 8.905 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113182.D

Acq: 20 Mar 2019 20:28

Instrument :

BNA_F

ClientSampleId :

SB-12(7-8)

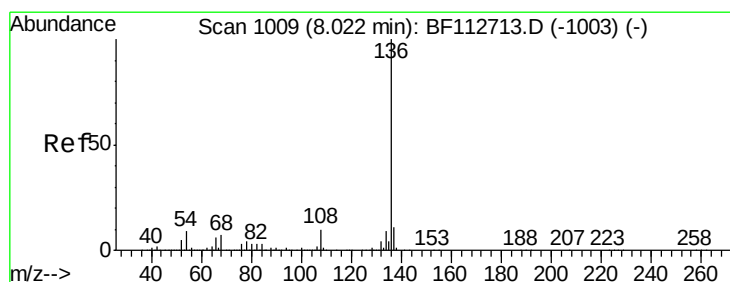
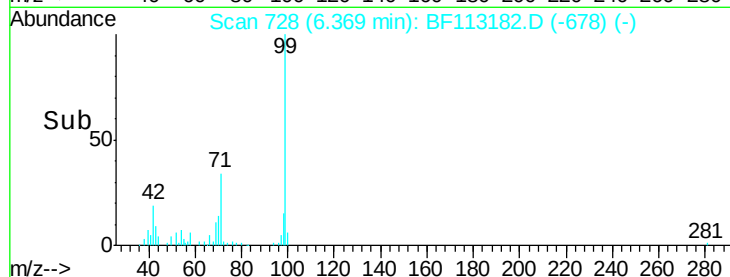
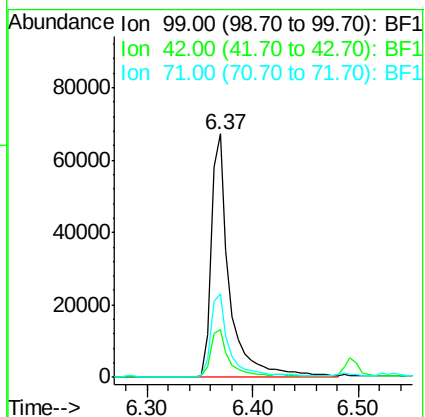
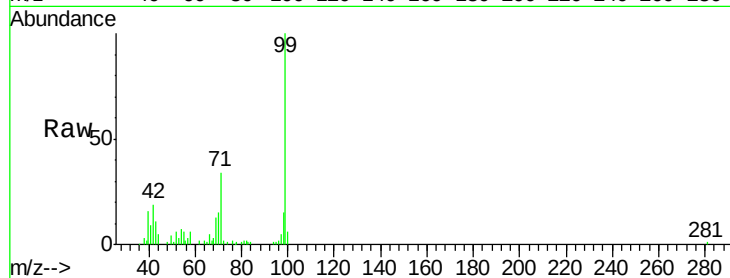
Tgt Ion: 99 Resp: 82223

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

71 34.1 25.7 38.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113182.D

Acq: 20 Mar 2019 20:28

Tgt Ion: 136 Resp: 451119

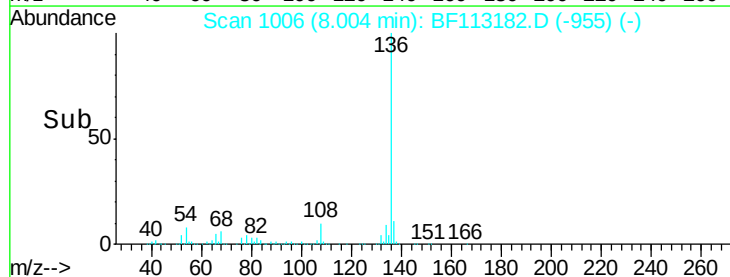
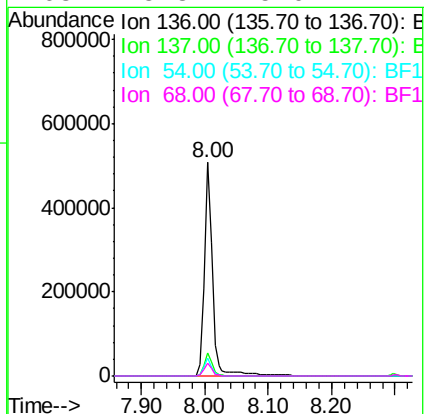
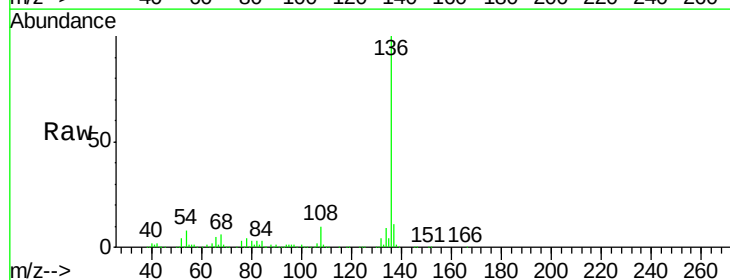
Ion Ratio Lower Upper

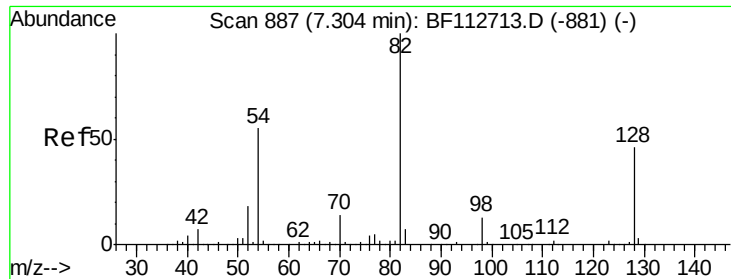
136 100

137 10.9 8.9 13.3

54 8.3 7.0 10.6

68 5.8 5.0 7.4

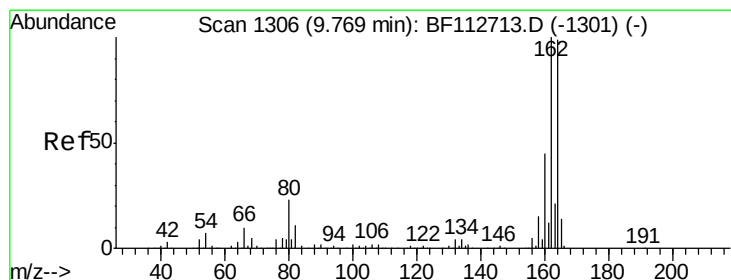
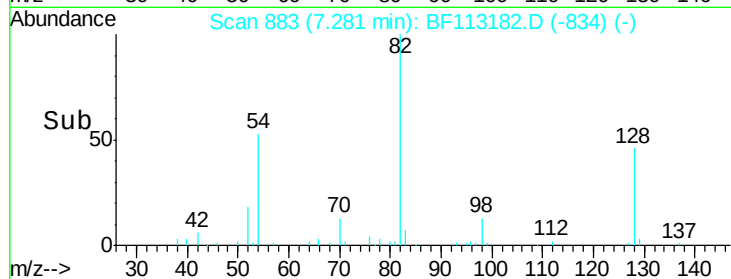
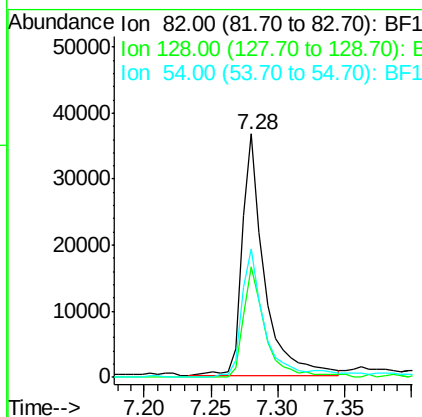
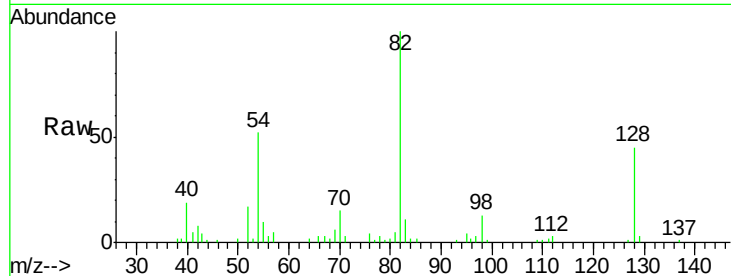




#23
 Nitrobenzene-d5
 Concen: 5.525 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

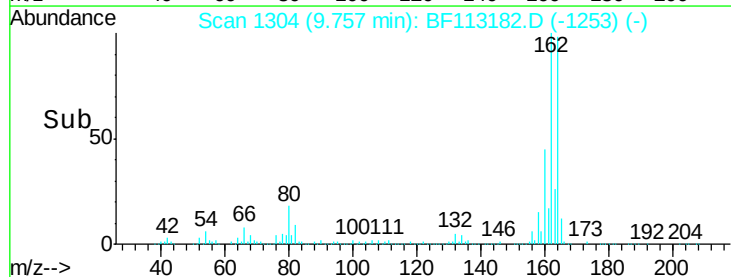
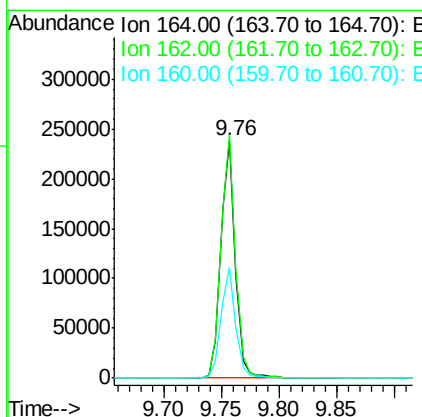
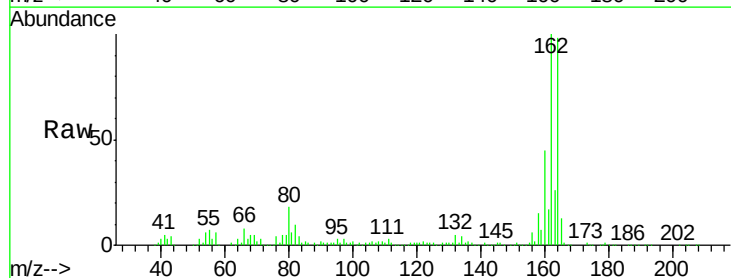
Instrument :
 BNA_F
 ClientSampleID :
 SB-12(7-8)

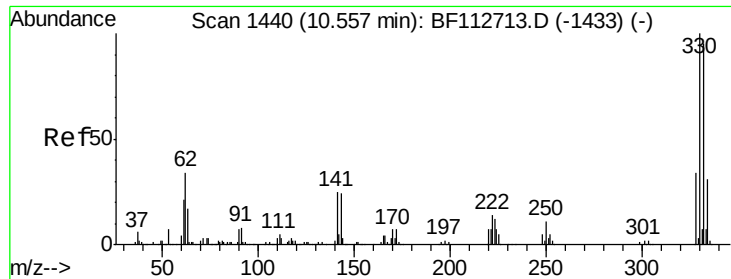
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.9	56.9
54	52.5	41.2	61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.8	121.2
160	46.4	36.2	54.2

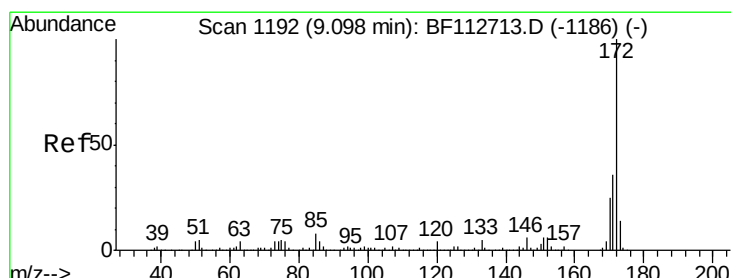
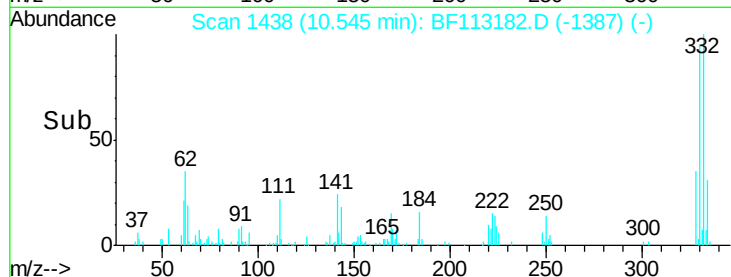
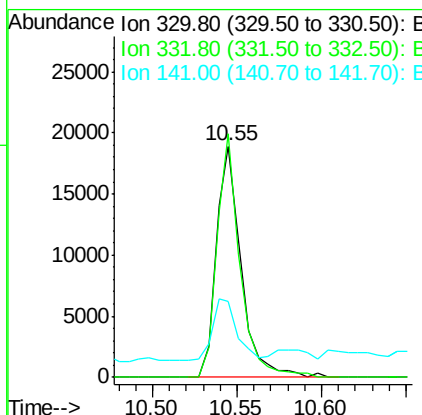
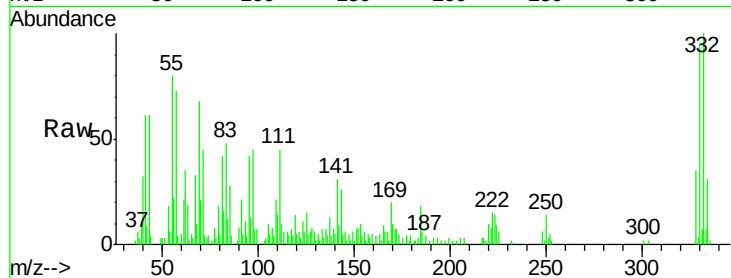




#42
 2,4,6-Tribromophenol
 Concen: 8.792 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

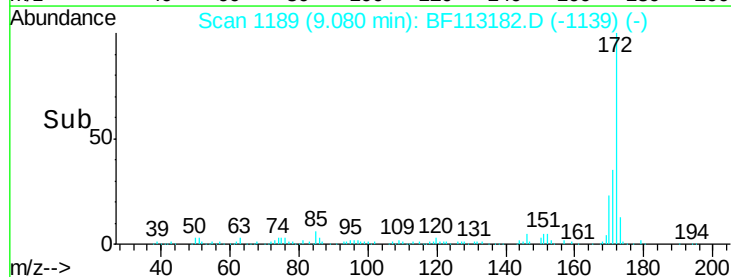
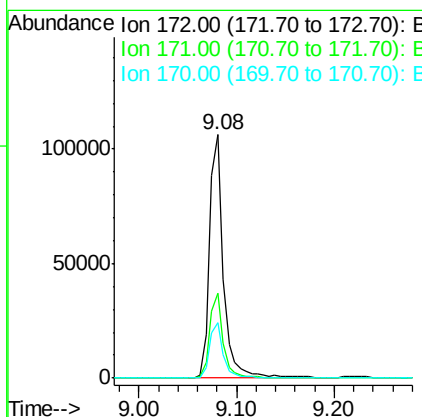
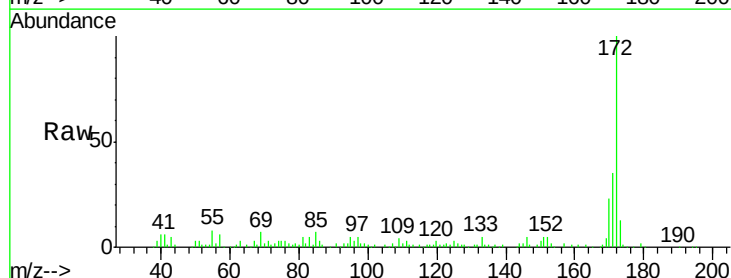
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(7-8)

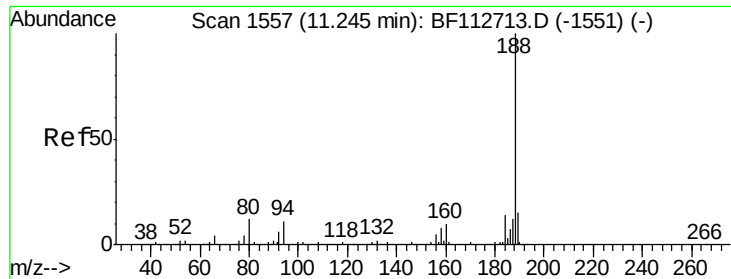
Tgt Ion:330 Resp: 19403
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.3 114.5
 141 26.3 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 5.467 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Tgt Ion:172 Resp: 106166
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.4
 170 22.9 20.1 30.1

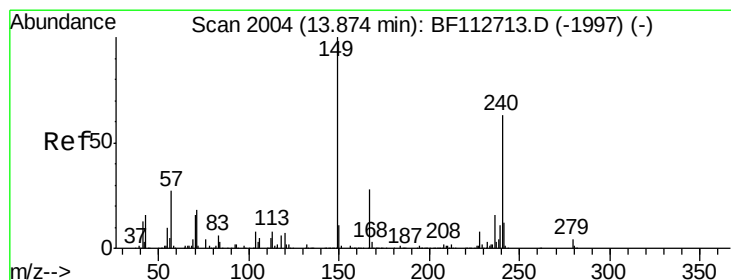
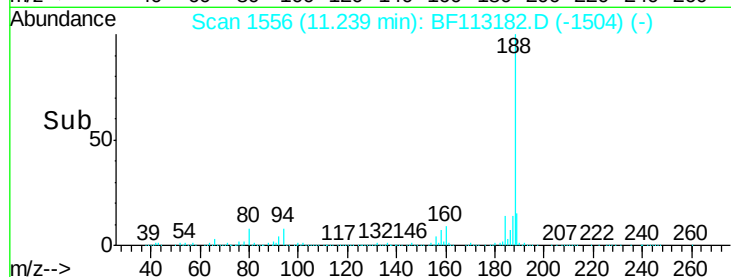
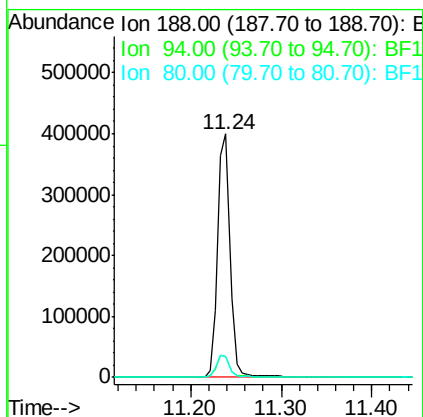
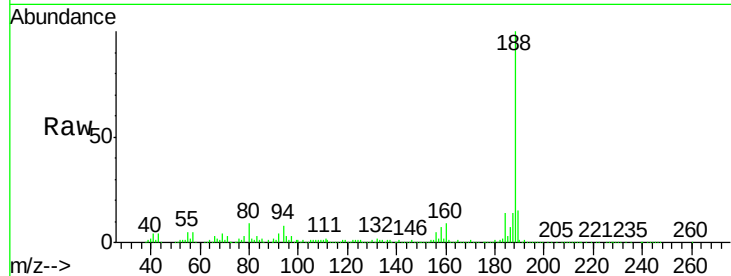




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF113182.D
Acq: 20 Mar 2019 20:28

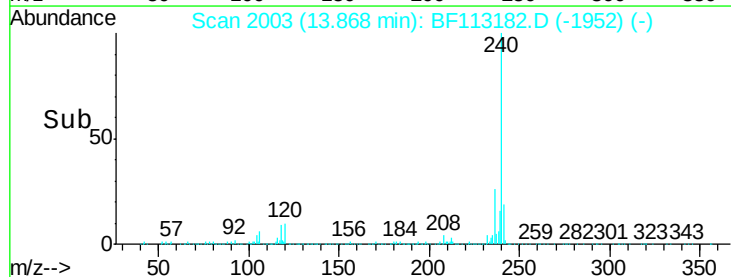
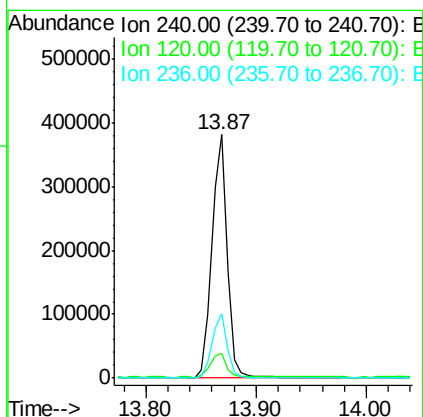
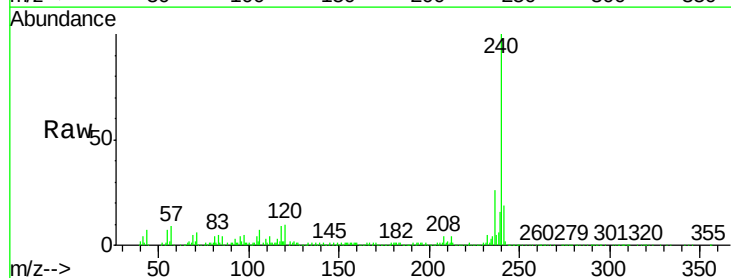
Instrument :
BNA_F
ClientSampled :
SB-12(7-8)

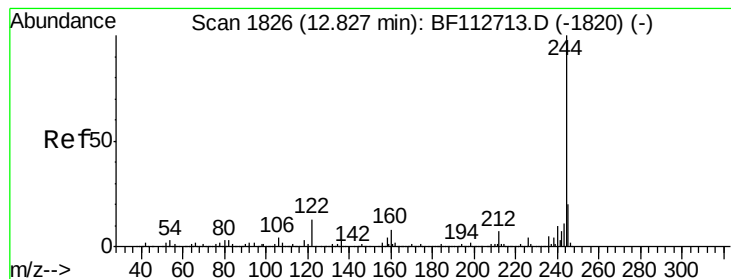
Tgt Ion:188 Resp: 378874
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113182.D
Acq: 20 Mar 2019 20:28

Tgt Ion:240 Resp: 359316
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.3 21.2 31.8





#79

Terphenyl-d14

Concen: 5.431 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF113182.D

Acq: 20 Mar 2019 20:28

Instrument :

BNA_F

ClientSampleId :

SB-12(7-8)

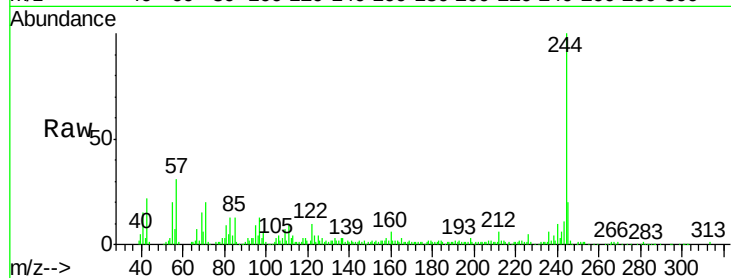
Tgt Ion:244 Resp: 100668

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

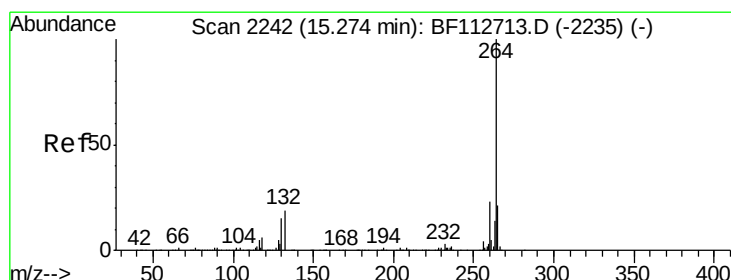
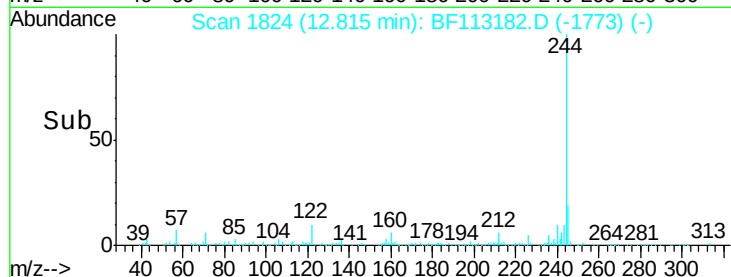
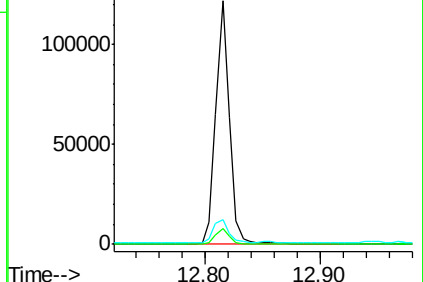
122 10.4 9.4 14.2



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113182.D

Acq: 20 Mar 2019 20:28

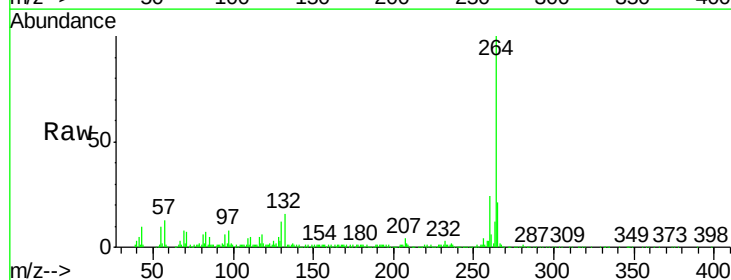
Tgt Ion:264 Resp: 281690

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

