

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111182.D
 Acq On : 7 Dec 2018 13:05
 Operator : JU/SJ
 Sample : PB115300BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115300BL

Quant Time: Dec 07 13:58:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:19:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	443087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1816526	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	855079	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1502209	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1078324	20.00	ng	0.00
87) Perylene-d12	15.40	264	763697	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2702009	95.16	ng	0.02
7) Phenol-d6	6.43	99	3425080	93.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	2211220	72.07	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	727900	107.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3712040	79.41	ng	0.00
79) Terphenyl-d14	12.92	244	3268086	62.07	ng	0.01

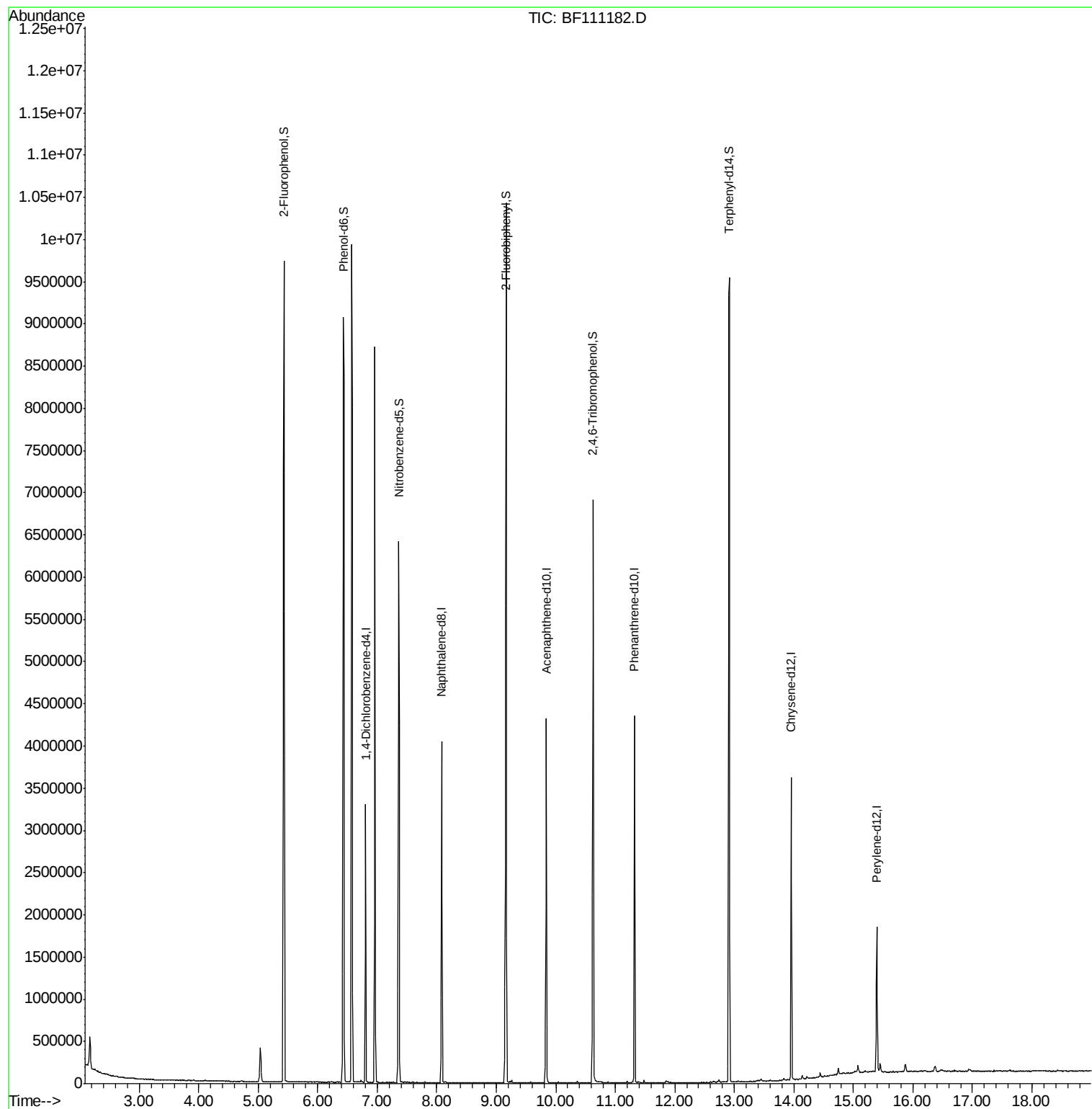
Target Compounds Qvalue

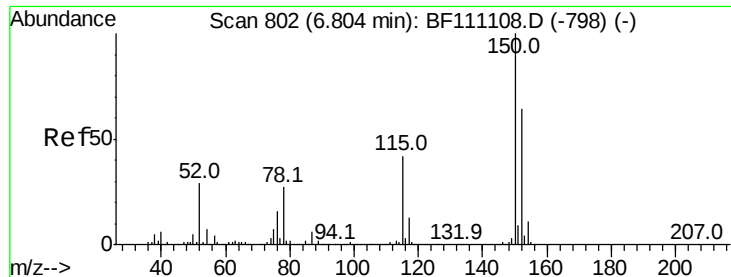
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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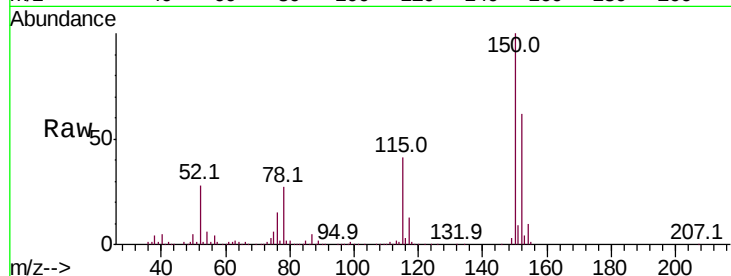


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB115300BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	187.0
115	65.2	52.2	78.2

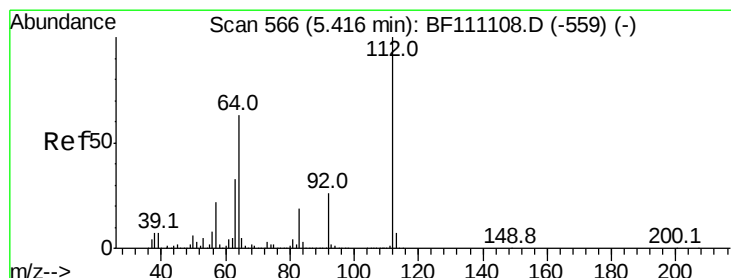
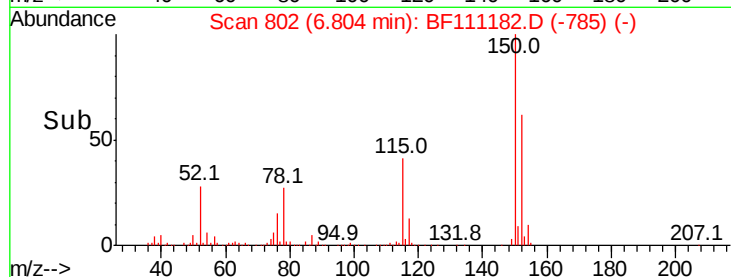
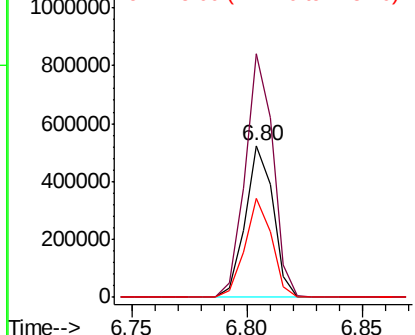


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

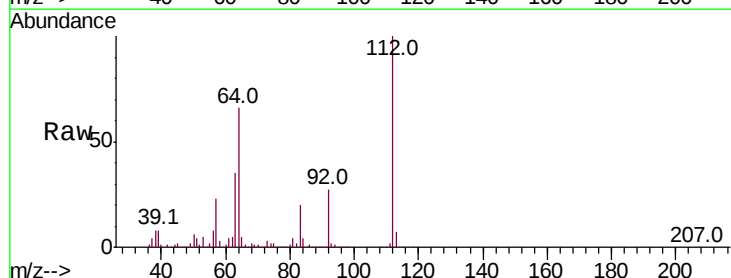
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.159 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	50.2	75.4
63	34.8	26.6	39.8

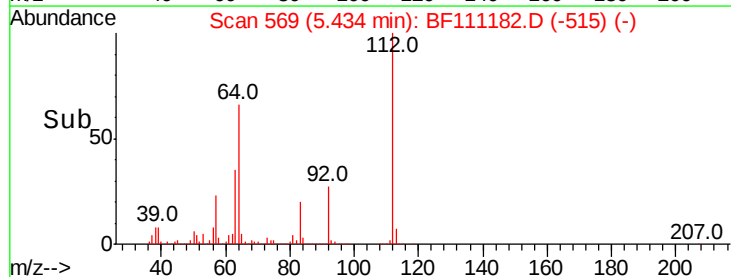
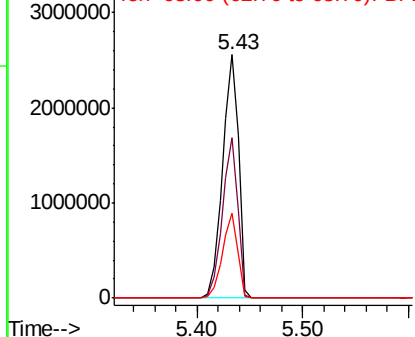


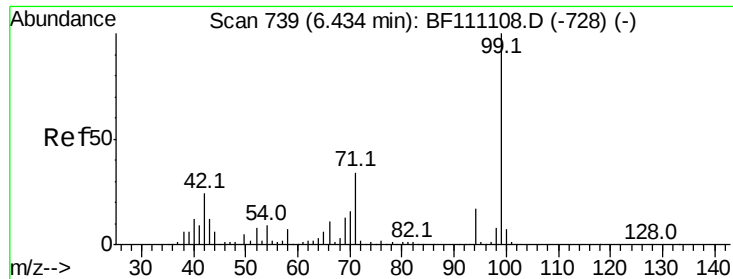
Abundance

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: 93.639 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111182.D

Acq: 7 Dec 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB115300BL

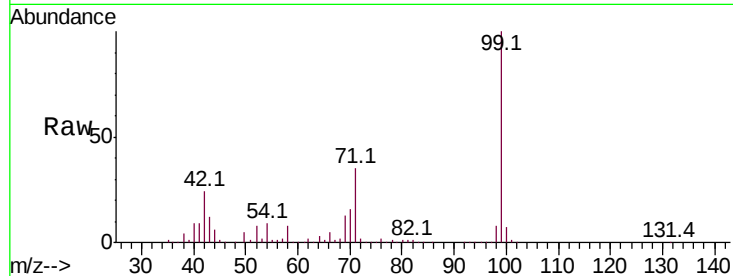
Tot Ion: 99 Resp: 3425080

Ion Ratio Lower Upper

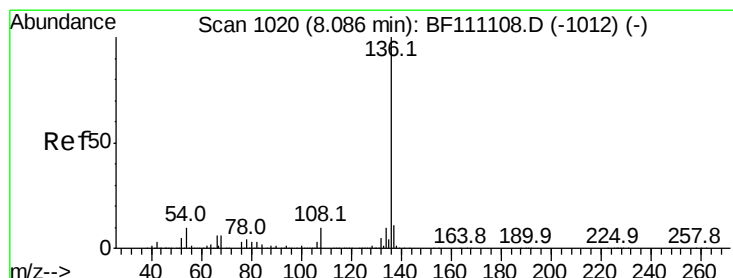
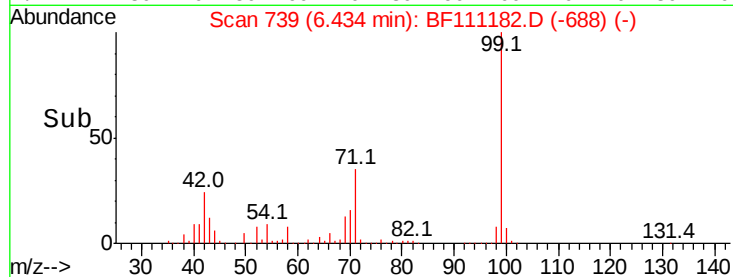
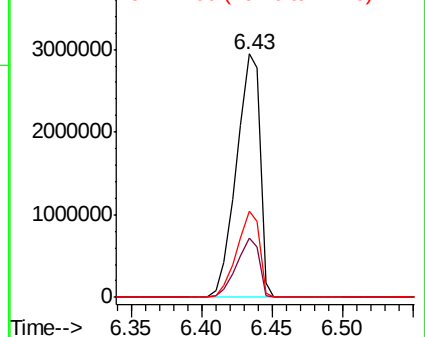
99 100

42 24.3 19.3 28.9

71 35.5 27.4 41.2



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111182.D

Acq: 7 Dec 2018 13:05

Tgt Ion: 136 Resp: 1816526

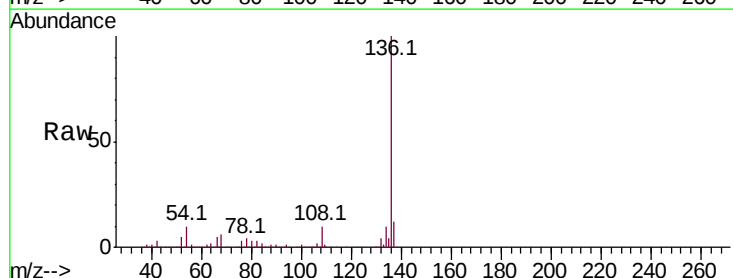
Ion Ratio Lower Upper

136 100

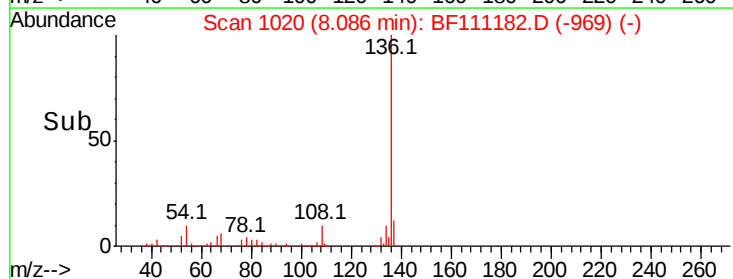
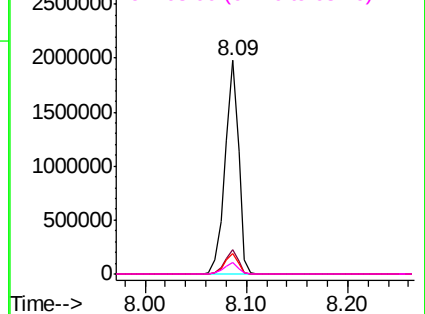
137 11.6 9.0 13.6

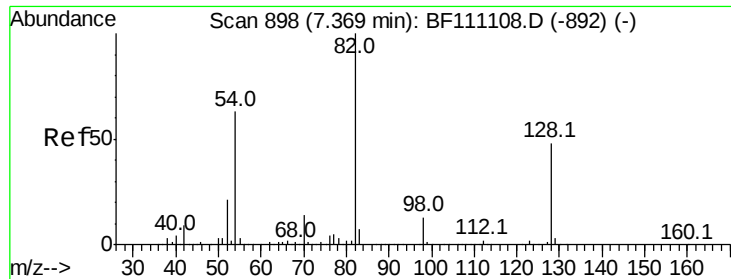
54 9.7 8.4 12.6

68 5.6 5.0 7.4



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



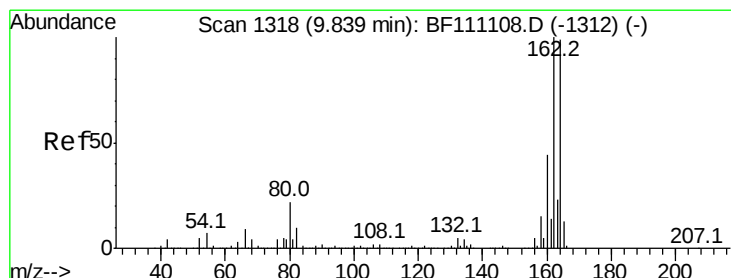
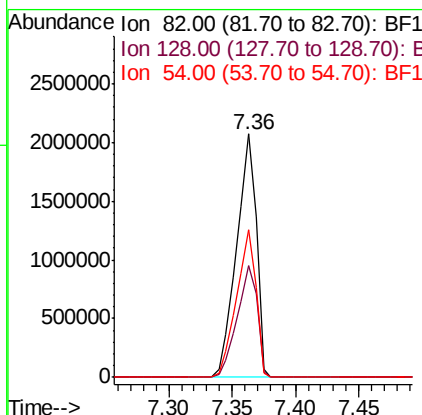
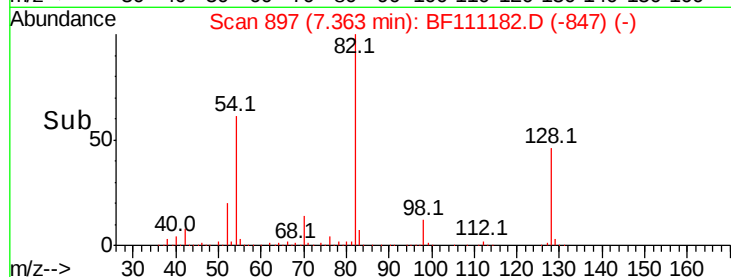
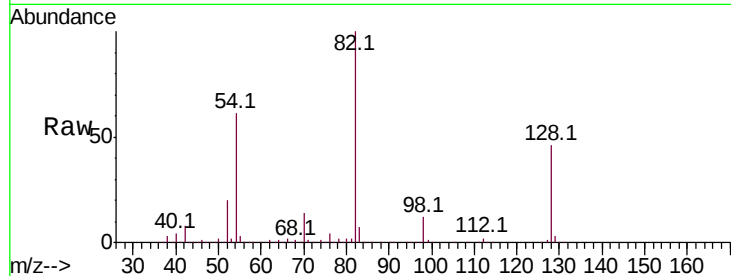


#23
 Nitrobenzene-d5
 Concen: 72.067 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111182.D
 Acq: 7 Dec 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB115300BL

Tot Ion: 82 Resp: 2211220

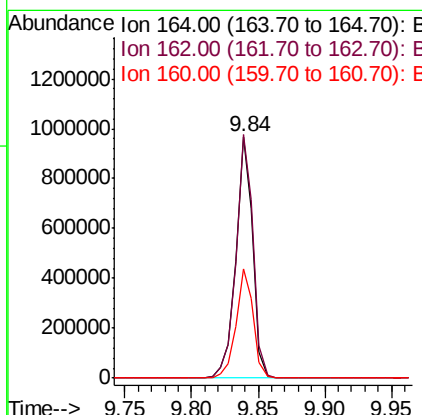
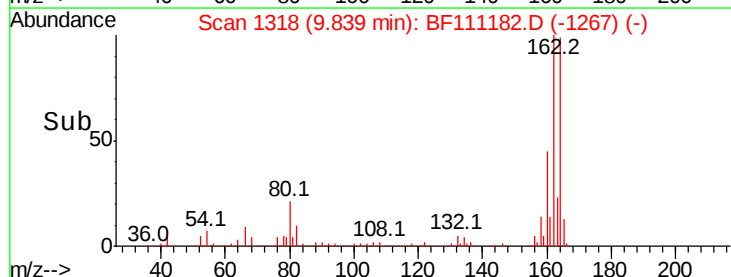
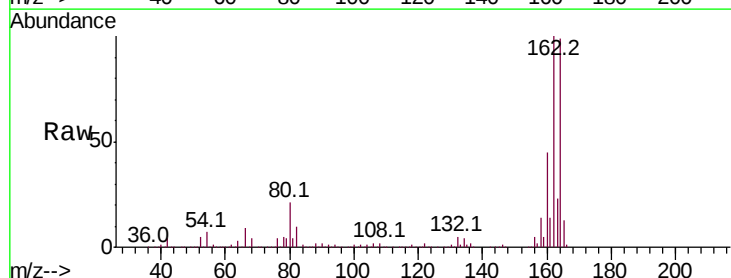
Ion	Ratio	Lower	Upper
82	100		
128	46.0	38.1	57.1
54	60.7	50.3	75.5

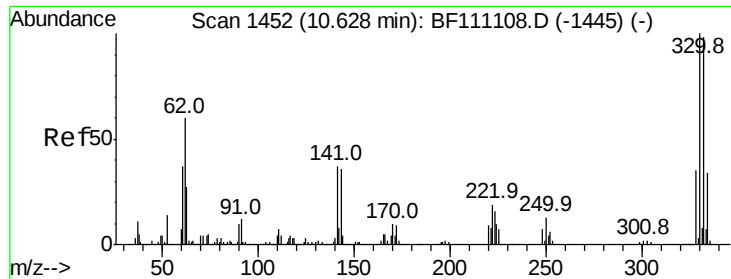


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111182.D
 Acq: 7 Dec 2018 13:05

Tgt Ion:164 Resp: 855079

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.4	35.5	53.3

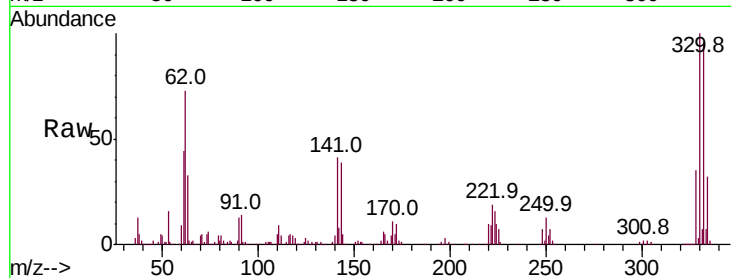




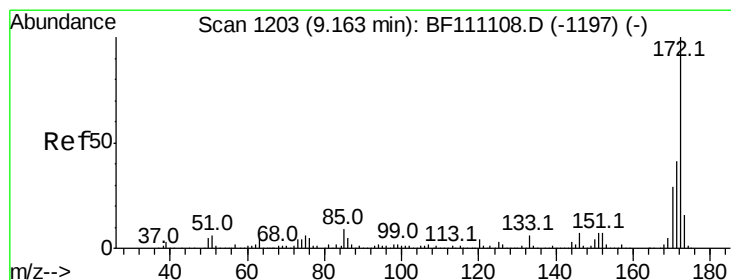
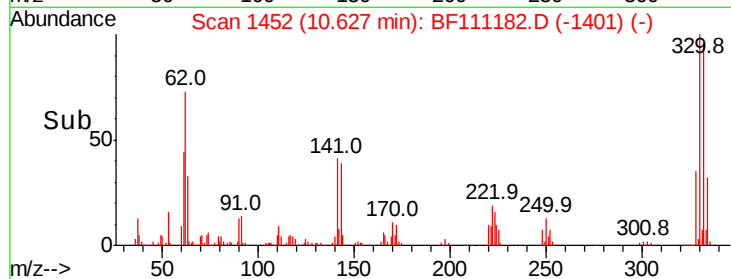
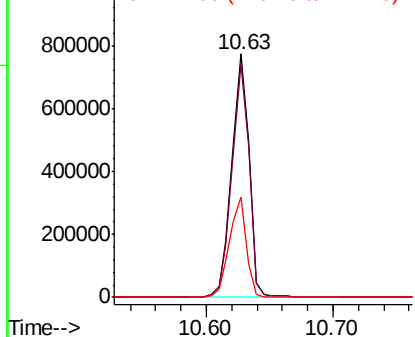
#42
 2,4,6-Tribromophenol
 Concen: 107.093 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111182.D
 Acq: 7 Dec 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB115300BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	40.5	36.1	54.1

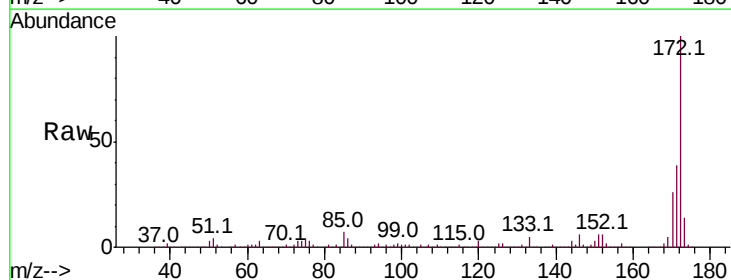


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

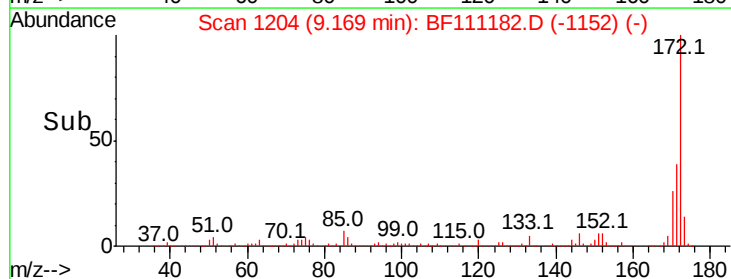
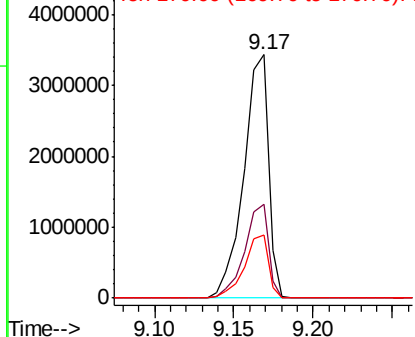


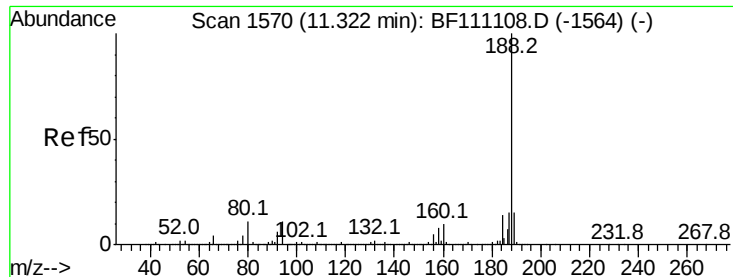
#45
 2-Fluorobiphenyl
 Concen: 79.413 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111182.D
 Acq: 7 Dec 2018 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	33.2	49.8
170	25.9	22.9	34.3



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

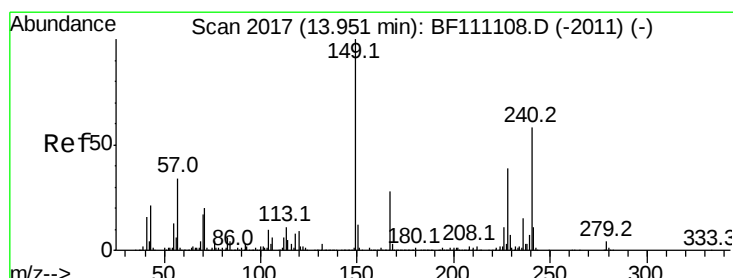
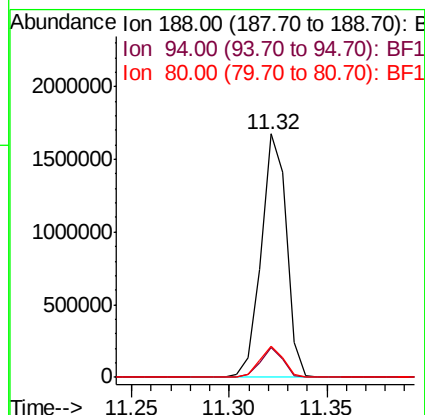
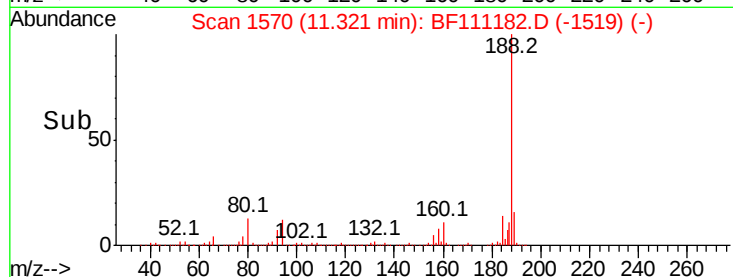
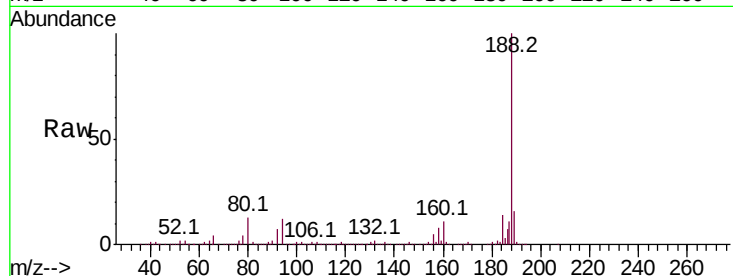




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

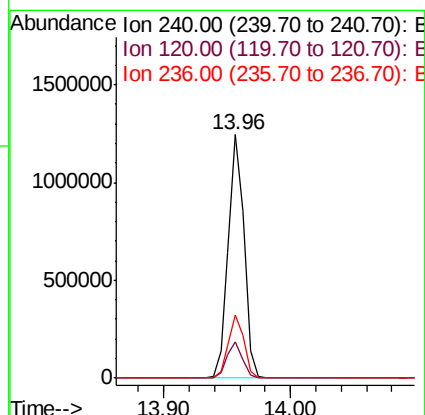
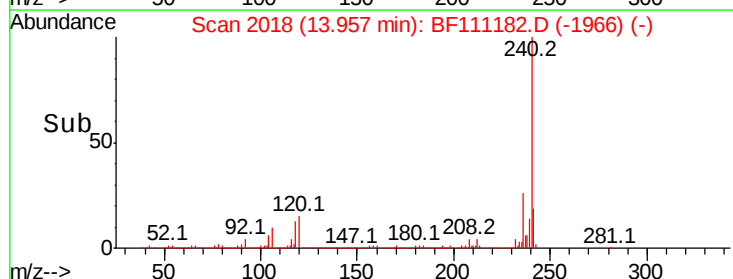
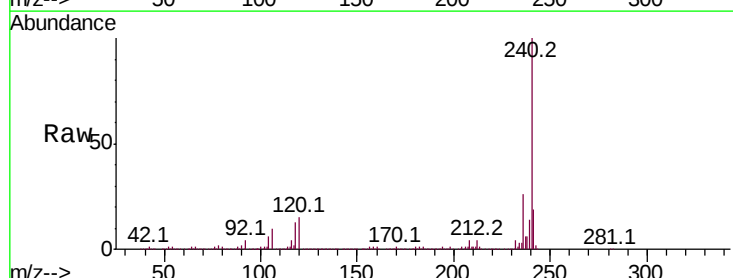
Instrument :
BNA_F
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PB115300BL

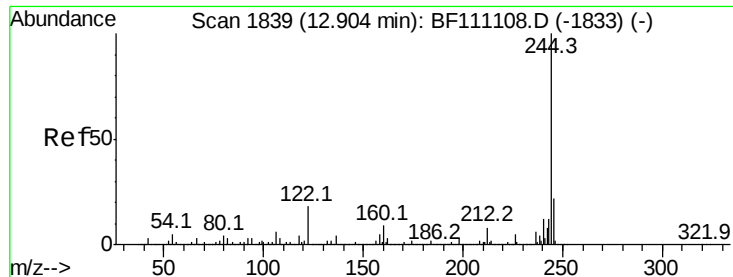
Tot Ion:188 Resp: 1502209
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 13.0 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111182.D
Acq: 7 Dec 2018 13:05

Tgt Ion:240 Resp: 1078324
Ion Ratio Lower Upper
240 100
120 14.8 12.8 19.2
236 26.1 21.1 31.7

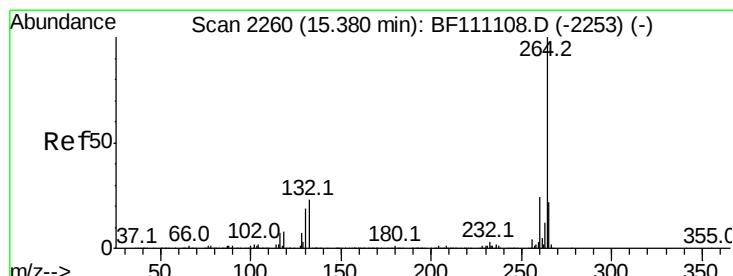
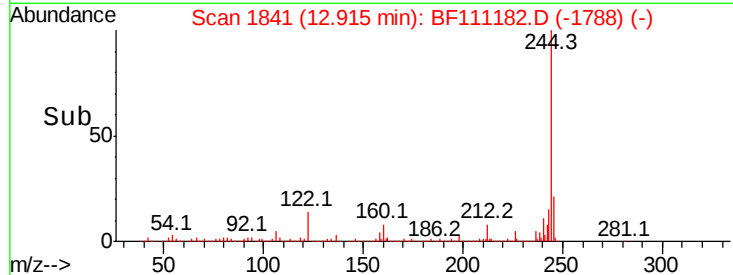
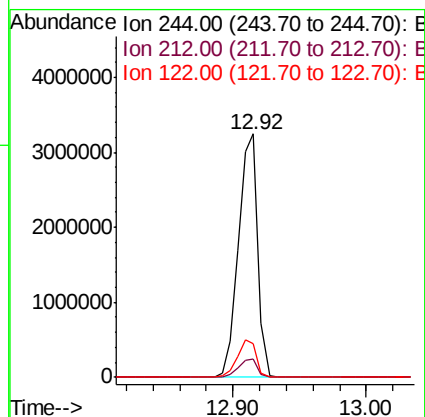
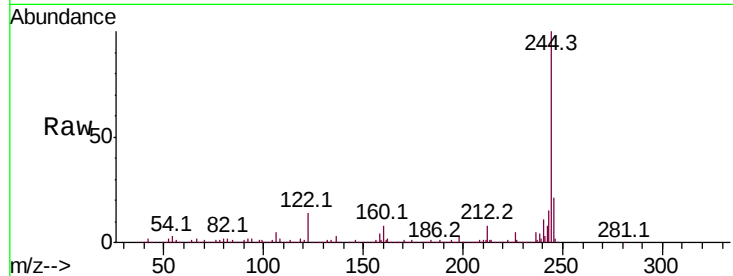




#79
 Terphenyl-d14
 Concen: 62.069 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111182.D
 Acq: 7 Dec 2018 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB115300BL

Tot Ion:244 Resp: 3268086
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 13.7 14.2 21.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.02 min
 Lab File: BF111182.D
 Acq: 7 Dec 2018 13:05

Tgt Ion:264 Resp: 763697
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.0
 265 21.0 17.4 26.0

