

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111187.D
 Acq On : 7 Dec 2018 15:21
 Operator : JU/SJ
 Sample : PB115194BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BL

Quant Time: Dec 07 16:25:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	476284	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1909385	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	915141	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1591855	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1100541	20.00	ng	0.00
87) Perylene-d12	15.39	264	776623	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3010480	98.63	ng	0.02
7) Phenol-d6	6.44	99	3750899	95.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	2497551	77.44	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	822416	113.06	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4072397	81.84	ng	0.00
79) Terphenyl-d14	12.92	244	3578071	66.58	ng	0.01

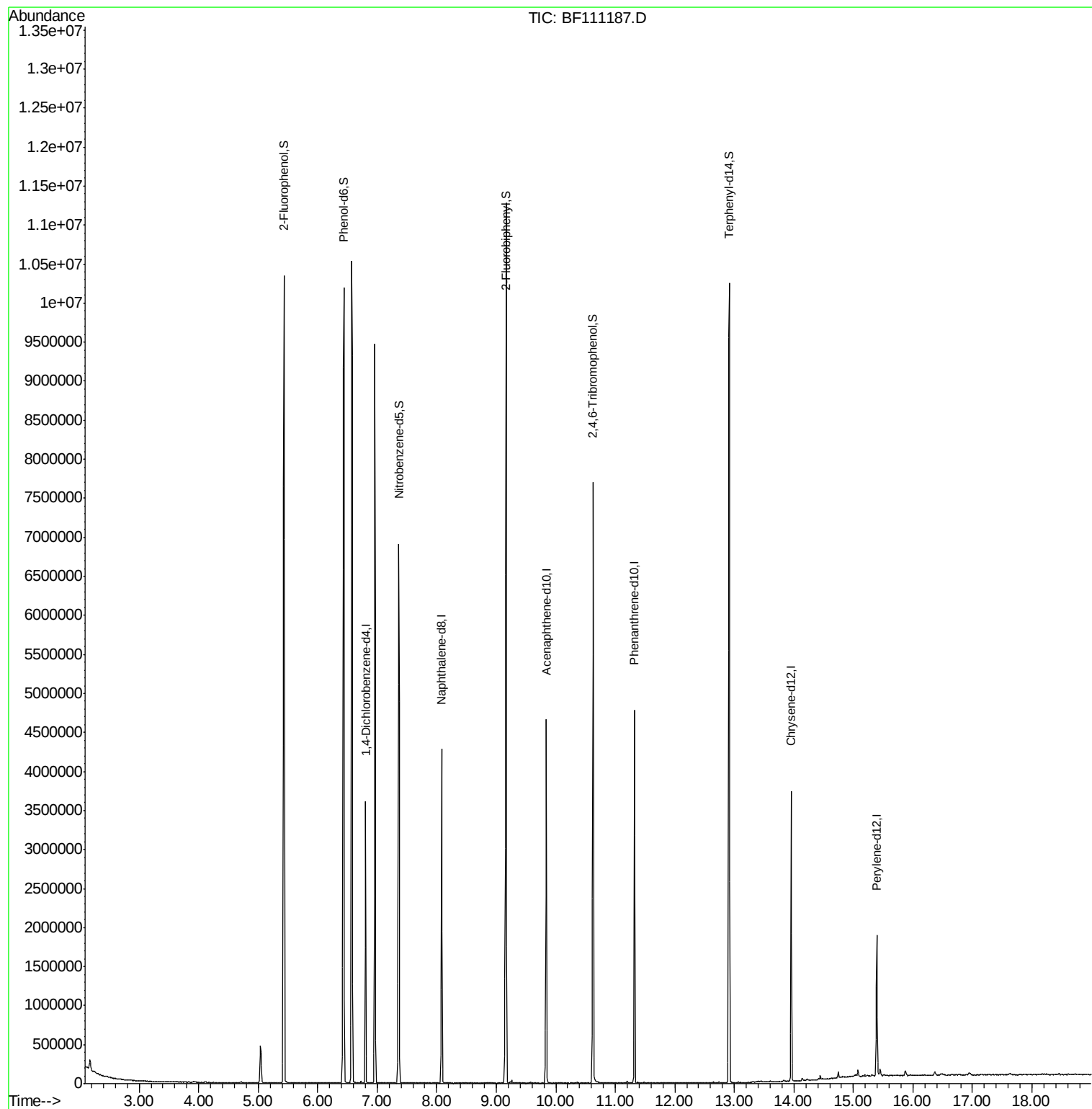
Target Compounds Qvalue

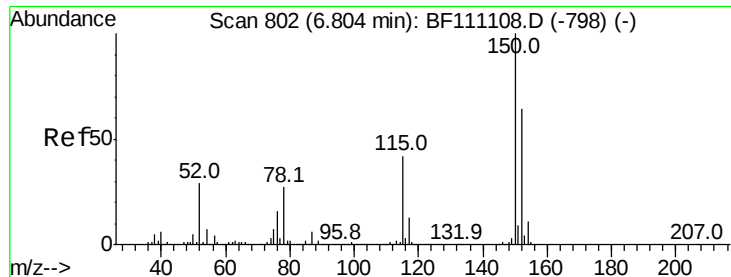
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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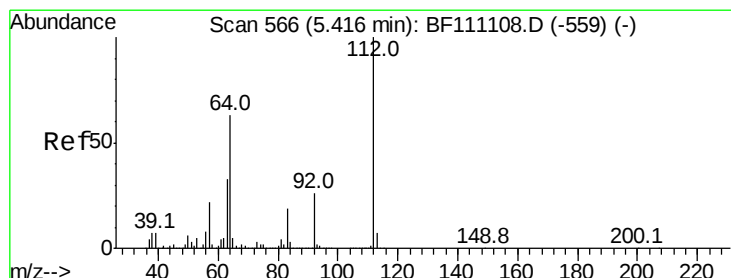
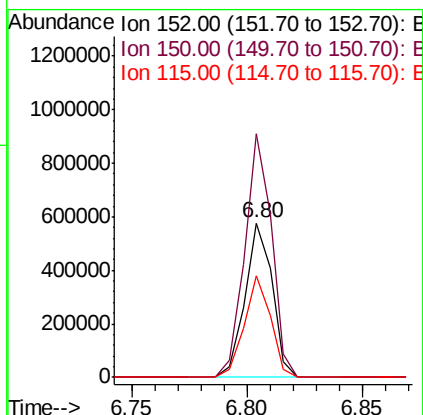
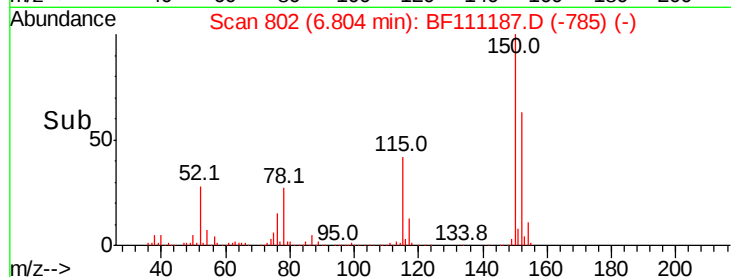
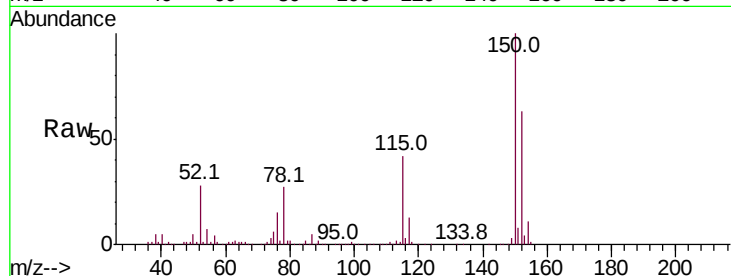


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111187.D
Acq: 7 Dec 2018 15:21

Instrument :
BNA_F
ClientSampleId :
PB115194BL

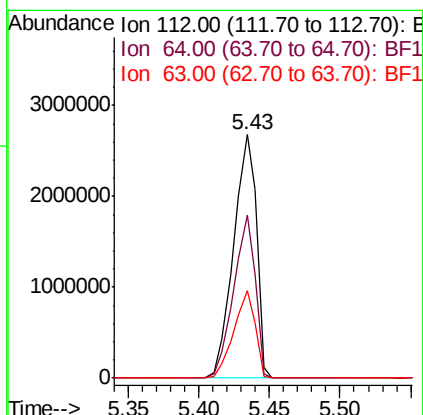
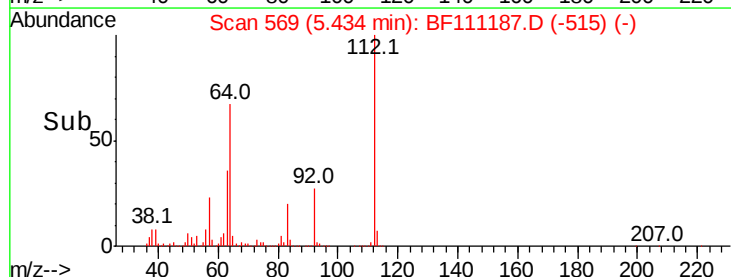
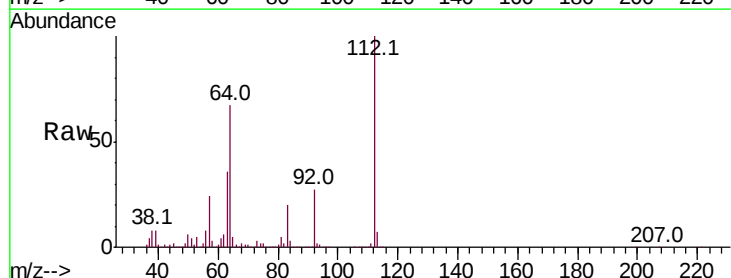
Tot Ion:152 Resp: 476284
Ion Ratio Lower Upper
152 100
150 157.7 124.6 187.0
115 65.5 52.2 78.2

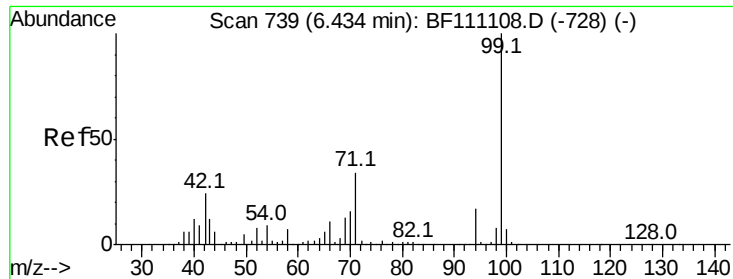


#5

2-Fluorophenol
Concen: 98.633 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111187.D
Acq: 7 Dec 2018 15:21

Tgt Ion:112 Resp: 3010480
Ion Ratio Lower Upper
112 100
64 66.8 50.2 75.4
63 36.0 26.6 39.8





#7

Phenol-d6

Concen: 95.400 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111187.D

Acq: 7 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

PB115194BL

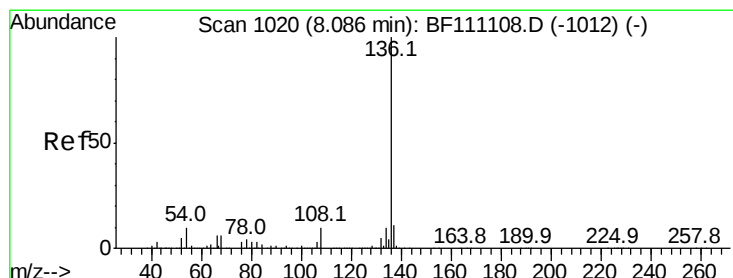
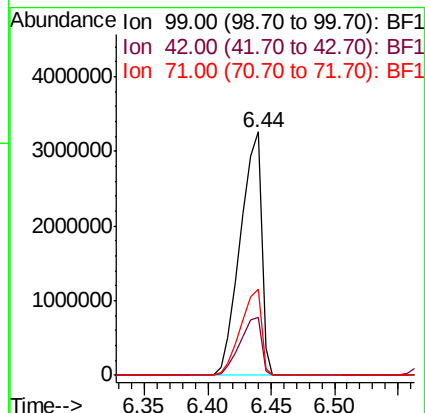
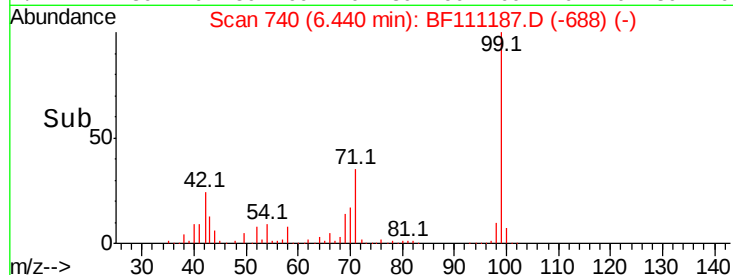
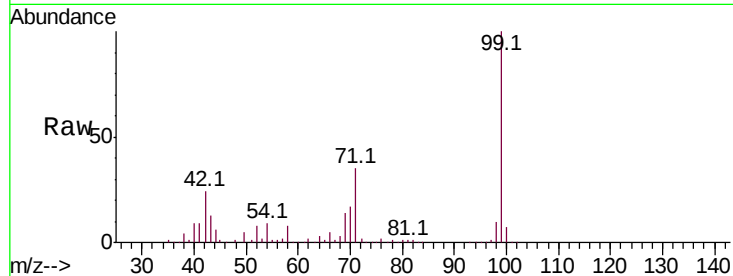
Tot Ion: 99 Resp: 3750899

Ion Ratio Lower Upper

99 100

42 24.1 19.3 28.9

71 35.2 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF111187.D

Acq: 7 Dec 2018 15:21

Tgt Ion:136 Resp: 1909385

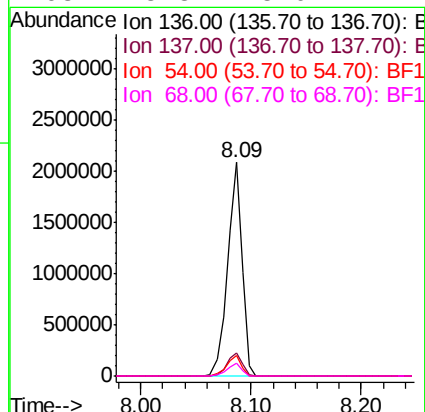
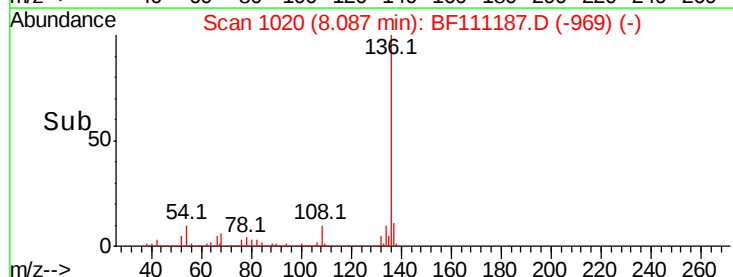
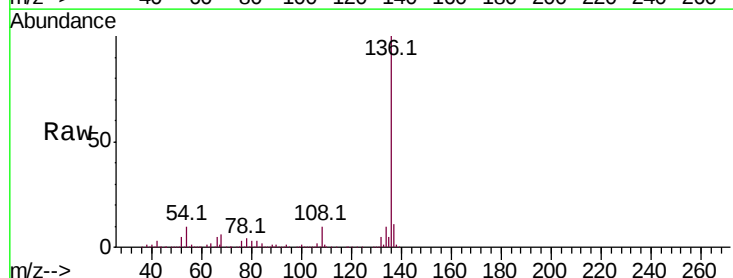
Ion Ratio Lower Upper

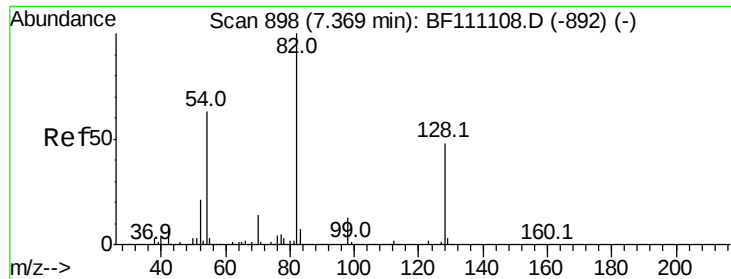
136 100

137 11.1 9.0 13.6

54 9.8 8.4 12.6

68 5.8 5.0 7.4



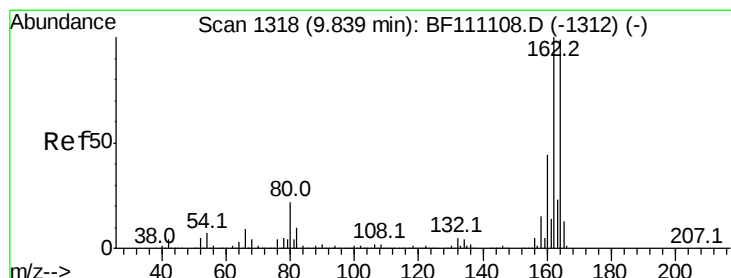
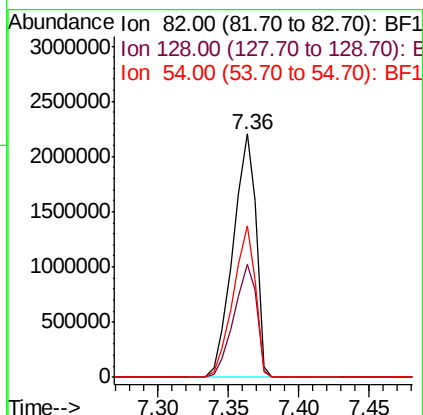
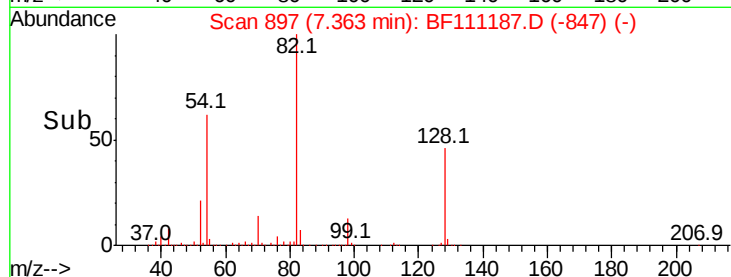
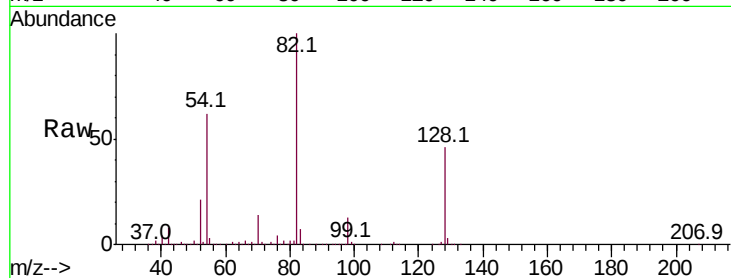


#23
 Nitrobenzene-d5
 Concen: 77.440 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111187.D
 Acq: 7 Dec 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BL

Tot Ion: 82 Resp: 2497551

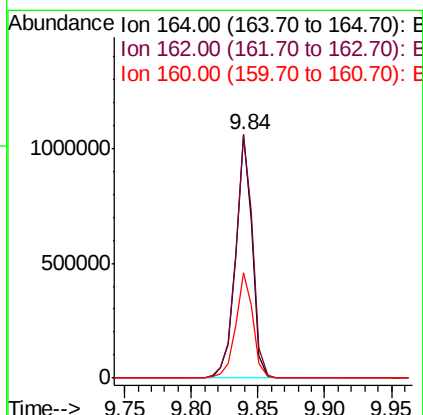
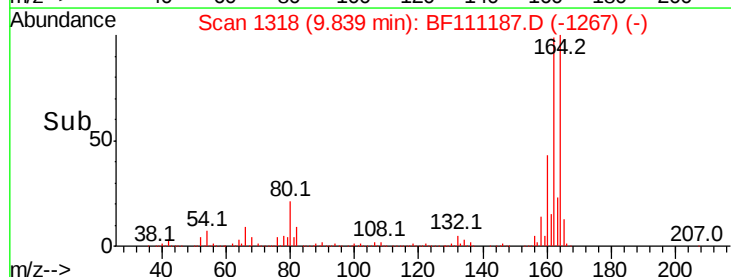
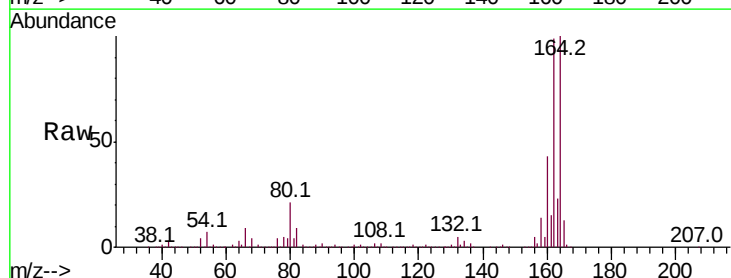
Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.1	57.1
54	62.2	50.3	75.5

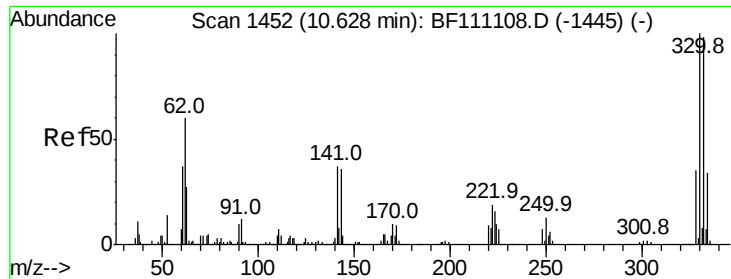


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF111187.D
 Acq: 7 Dec 2018 15:21

Tgt Ion:164 Resp: 915141

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	43.4	35.5	53.3

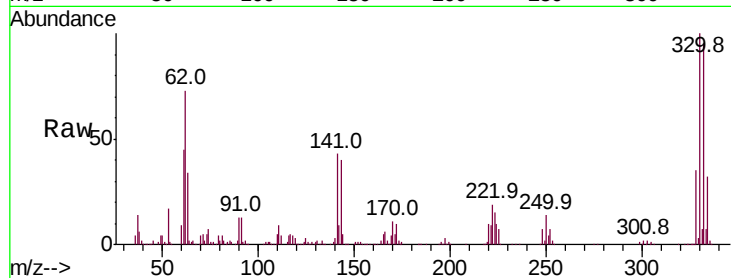




#42
 2,4,6-Tribromophenol
 Concen: 113.057 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF111187.D
 Acq: 7 Dec 2018 15:21

Instrument :
 BNA_F
 ClientSampled :
 PB115194BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.2	115.8
141	40.5	36.1	54.1

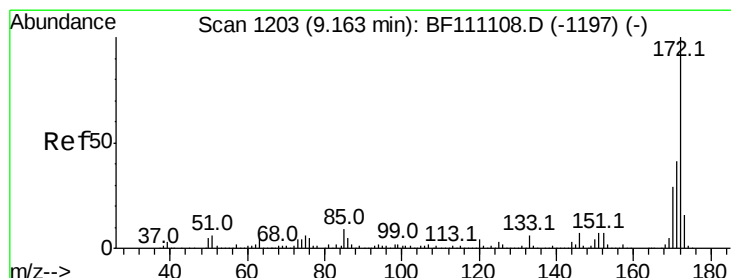
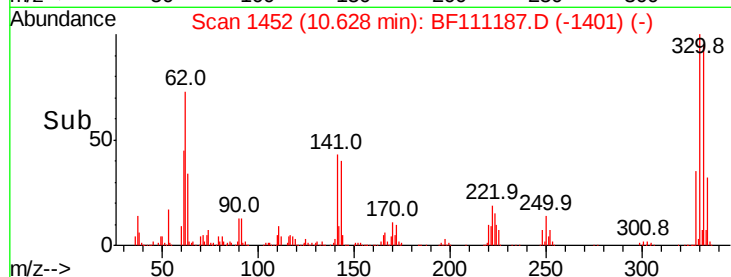
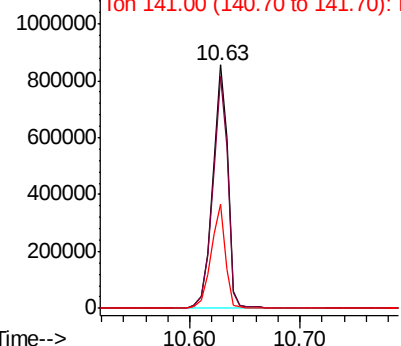


Abundance

Ion 329.80 (329.50 to 330.50): E

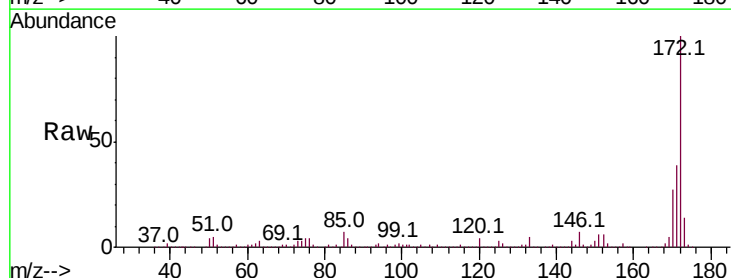
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.838 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111187.D
 Acq: 7 Dec 2018 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	33.2	49.8
170	26.7	22.9	34.3

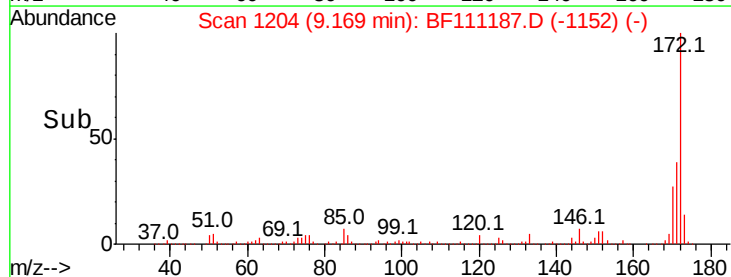
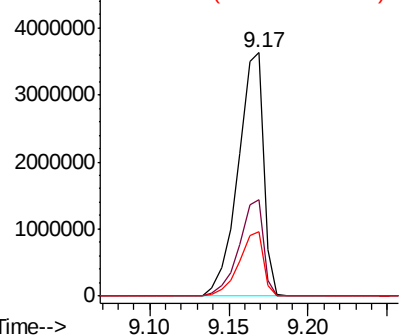


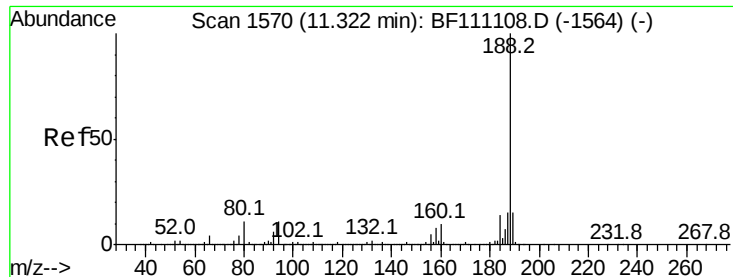
Abundance

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: BF111187.D

Acq: 7 Dec 2018 15:21

Instrument :

BNA_F

ClientSampleId :

PB115194BL

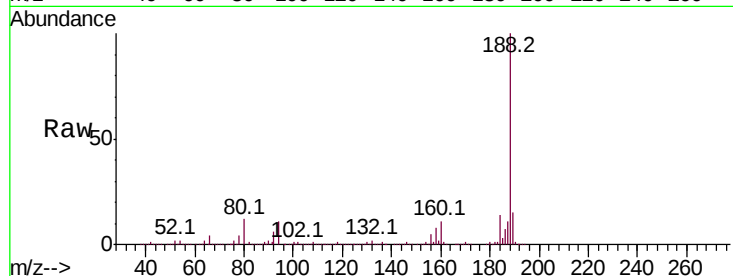
Tot Ion:188 Resp: 1591855

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.9	9.0	13.6

188 100

94 11.2 8.5 12.7

80 11.9 9.0 13.6

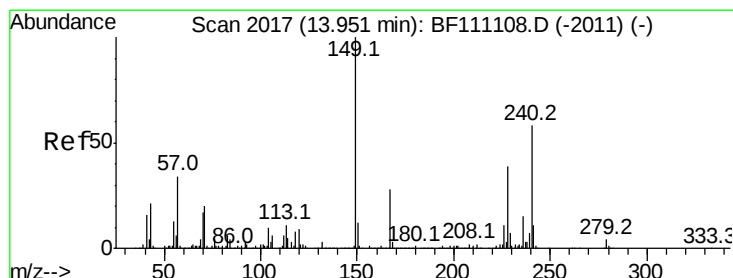
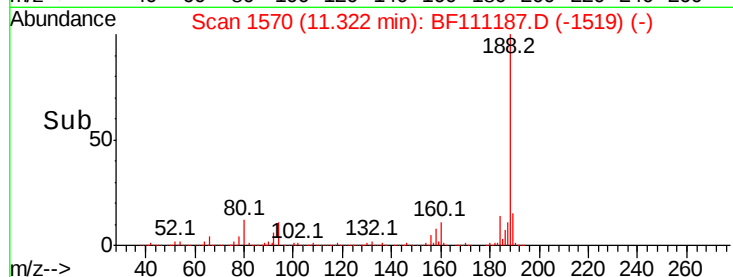
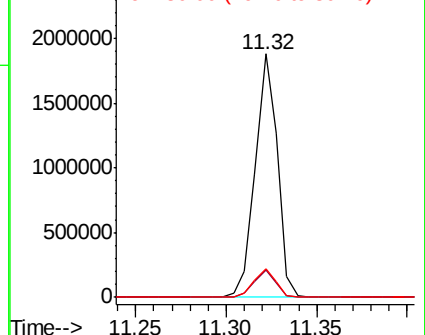


Abundance Ion 188.00 (187.70 to 188.70): E

2500000

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: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111187.D

Acq: 7 Dec 2018 15:21

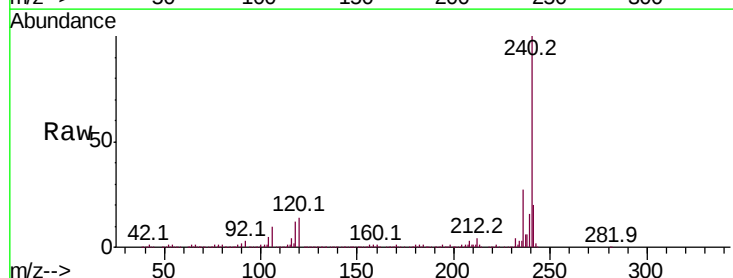
Tgt Ion:240 Resp: 1100541

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.8	19.2
236	27.0	21.1	31.7

240 100

120 14.0 12.8 19.2

236 27.0 21.1 31.7

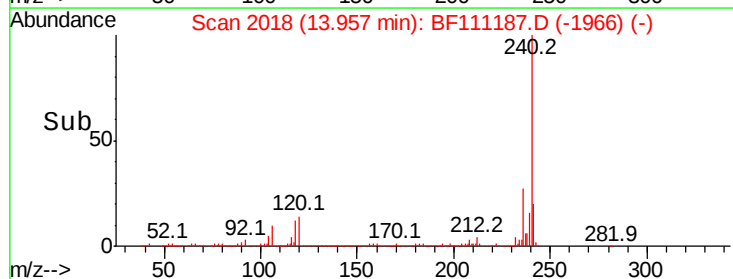
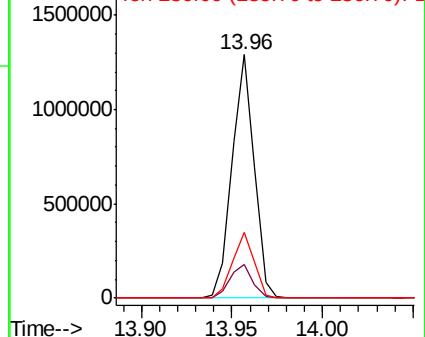


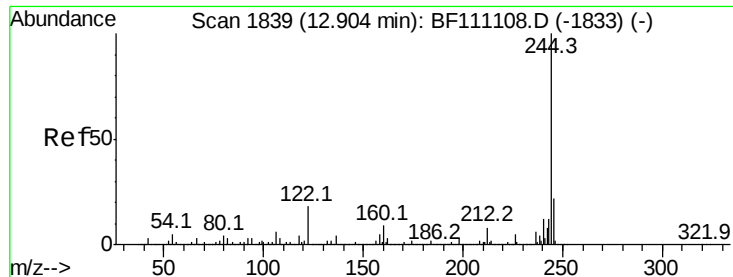
Abundance Ion 240.00 (239.70 to 240.70): E

1500000

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

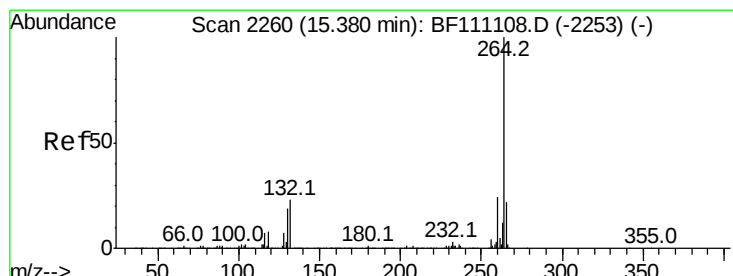
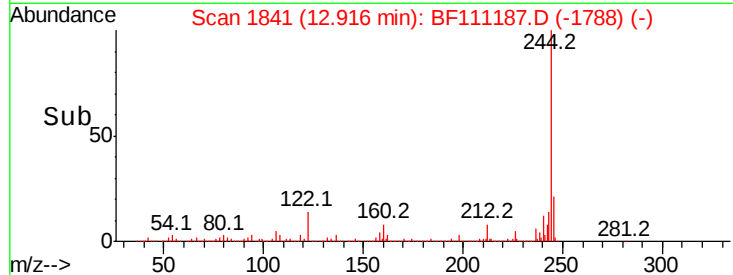
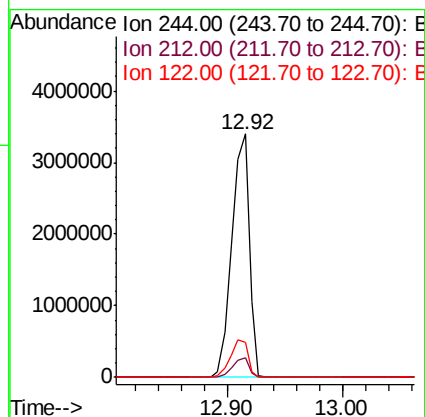
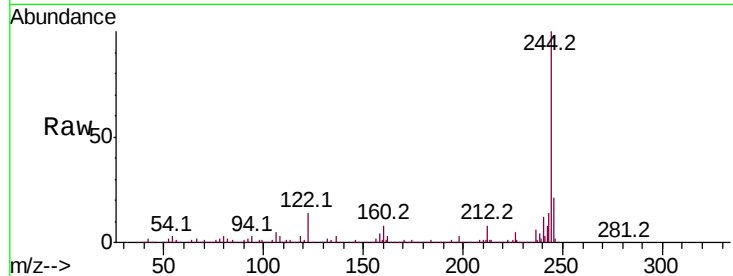




#79
 Terphenyl-d14
 Concen: 66.584 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111187.D
 Acq: 7 Dec 2018 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB115194BL

Tot Ion:244 Resp: 3578071
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 14.5 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111187.D
 Acq: 7 Dec 2018 15:21

Tgt Ion:264 Resp: 776623
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.1 17.4 26.0

