

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110874.D
 Acq On : 20 Nov 2018 1:40
 Operator : JU/SJ
 Sample : J5985-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111518-TIPC-E-D-M

Quant Time: Nov 20 06:20:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53085	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	217144	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	87606	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	143579	20.00	ng	0.00
76) Chrysene-d12	14.13	240	126474	20.00	ng	0.00
87) Perylene-d12	15.67	264	79866	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	107824	32.99	ng	0.00
7) Phenol-d6	6.57	99	79823	19.10	ng	0.00
23) Nitrobenzene-d5	7.50	82	302970	80.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	56925	64.49	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	565108	92.13	ng	0.00
79) Terphenyl-d14	13.06	244	397320	58.83	ng	-0.01

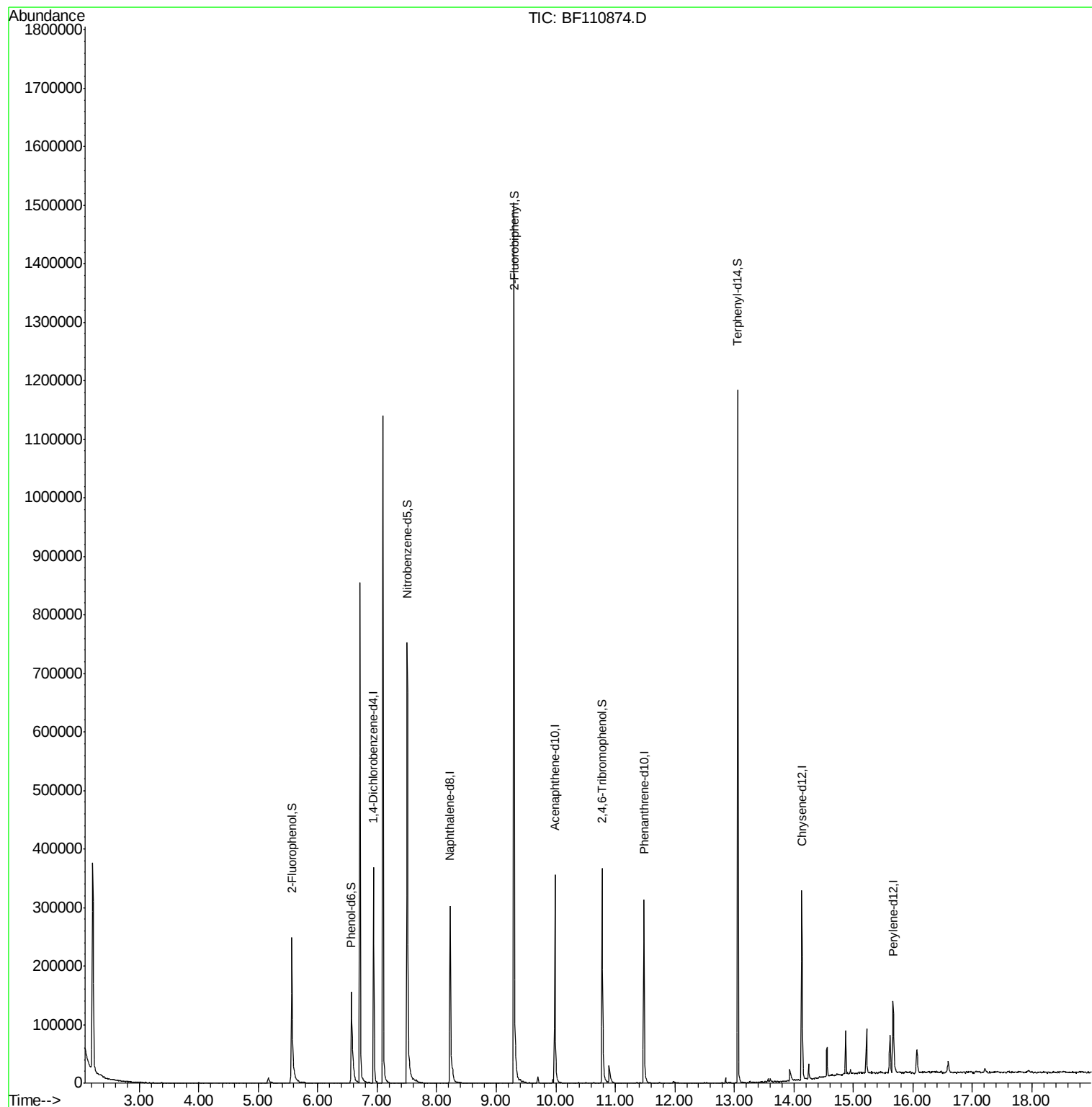
Target Compounds	Qvalue
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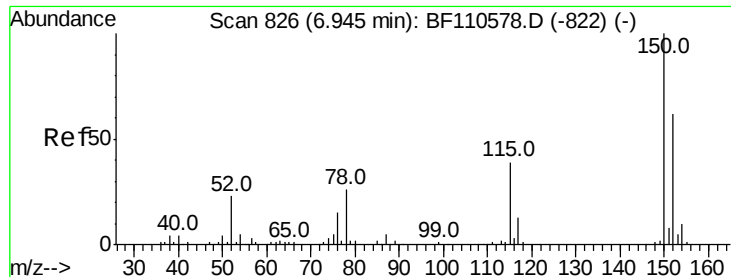
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JU/SJ
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111518-TIPC-E-D-M

Quant Time: Nov 20 06:20:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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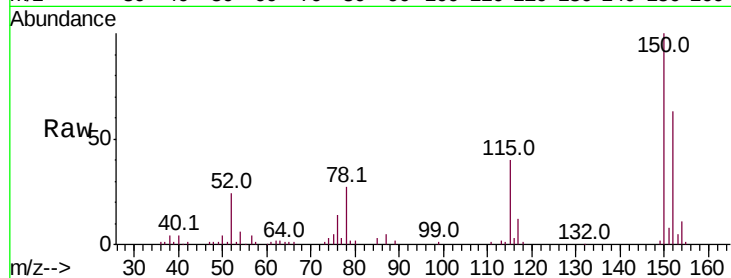


#1

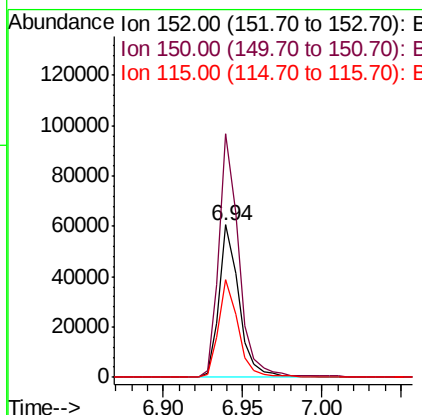
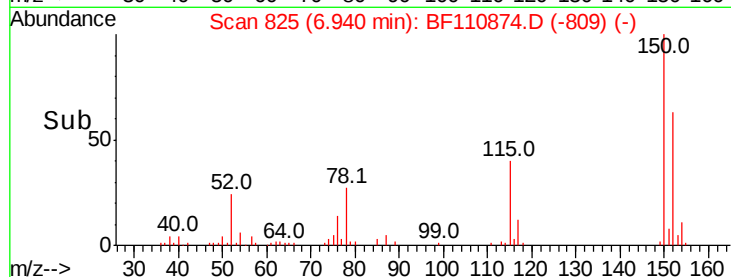
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Instrument :
 BNA_F
 ClientSampleId :
 111518-TIPC-E-D-M

Tot Ion:152 Resp: 53085
 Ion Ratio Lower Upper
 152 100
 150 160.0 122.7 184.1
 115 64.2 49.1 73.7



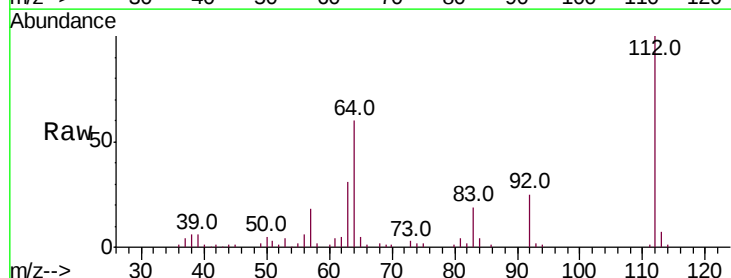
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



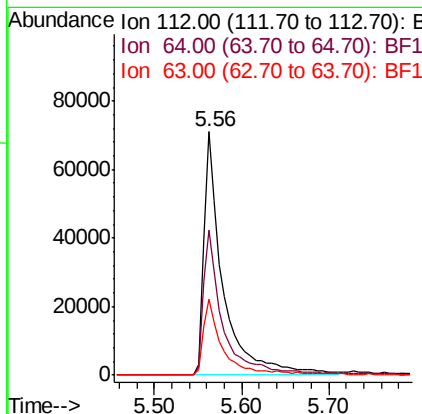
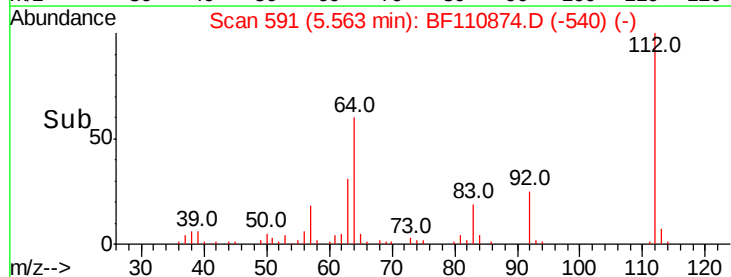
#5

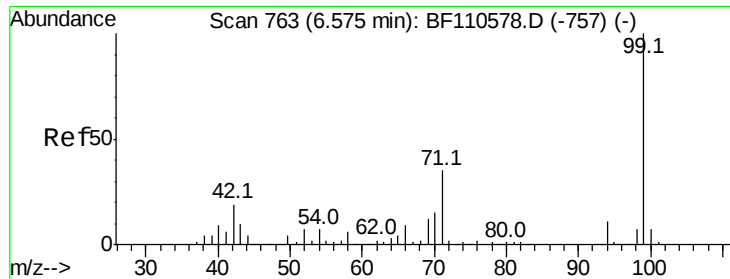
2-Fluorophenol
 Concen: 32.992 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Tgt Ion:112 Resp: 107824
 Ion Ratio Lower Upper
 112 100
 64 59.5 44.1 66.1
 63 31.1 23.7 35.5



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: 19.100 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

Instrument :

BNA_F

ClientSampleId :

111518-TIPC-E-D-M

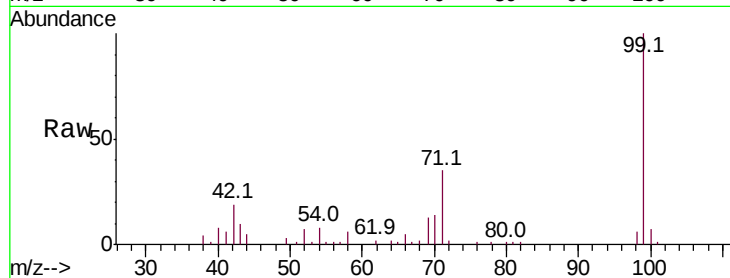
Tot Ion: 99 Resp: 79823

Ion Ratio Lower Upper

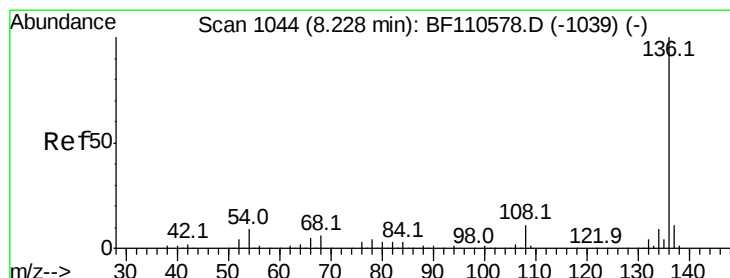
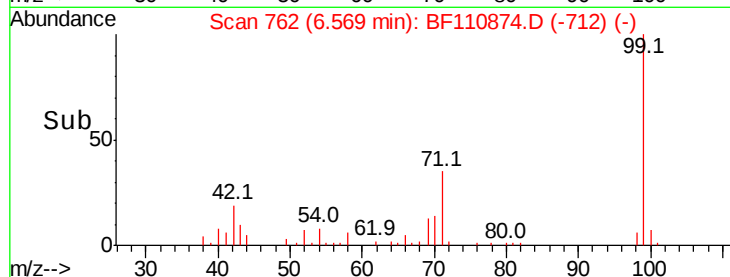
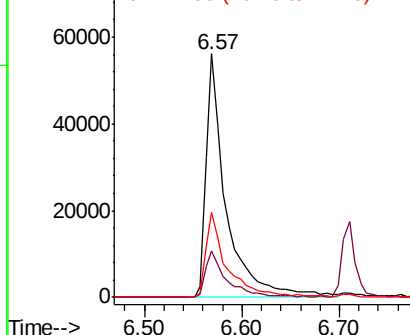
99 100

42 19.0 15.8 23.6

71 34.9 28.0 42.0



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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

Tgt Ion: 136 Resp: 217144

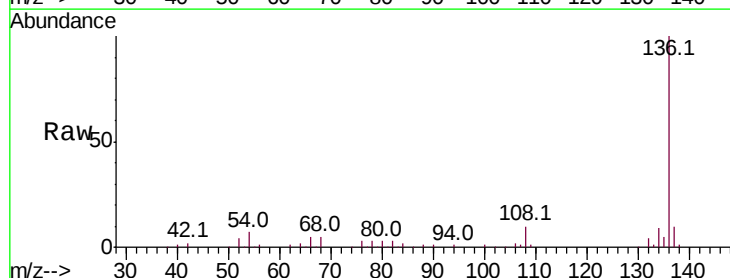
Ion Ratio Lower Upper

136 100

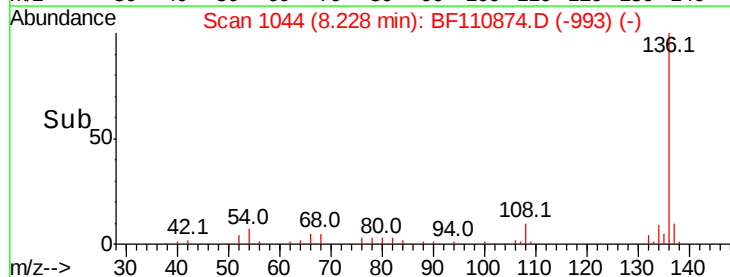
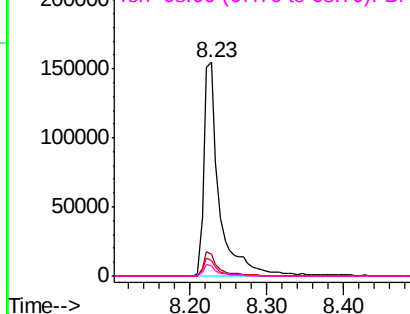
137 10.2 8.8 13.2

54 7.3 5.4 8.2

68 5.0 4.2 6.2



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

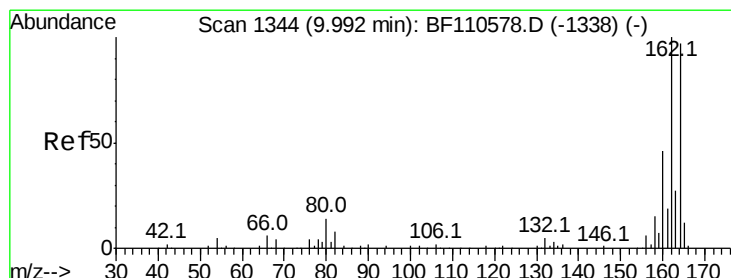
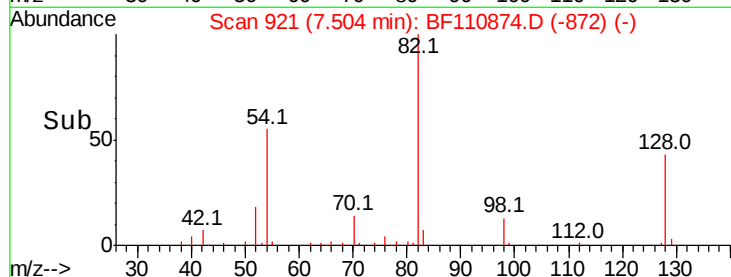
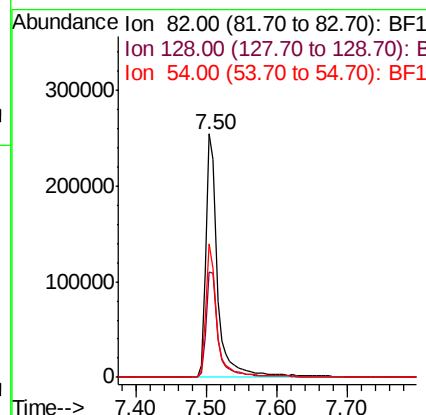
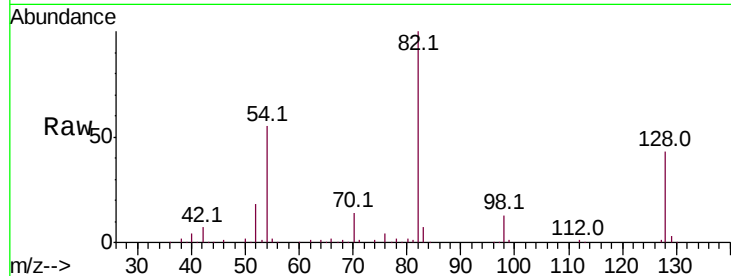




#23
 Nitrobenzene-d5
 Concen: 80.352 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

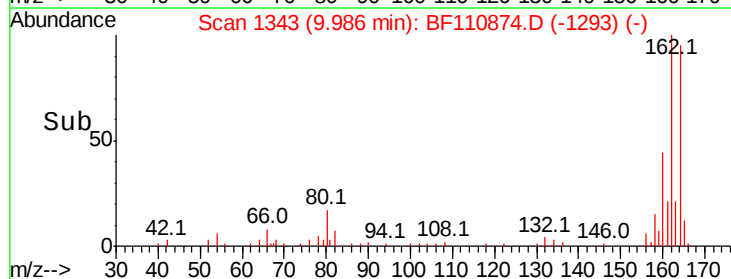
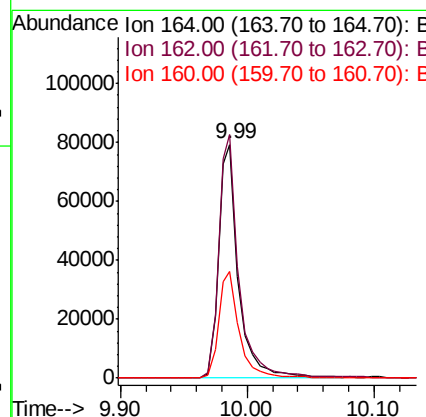
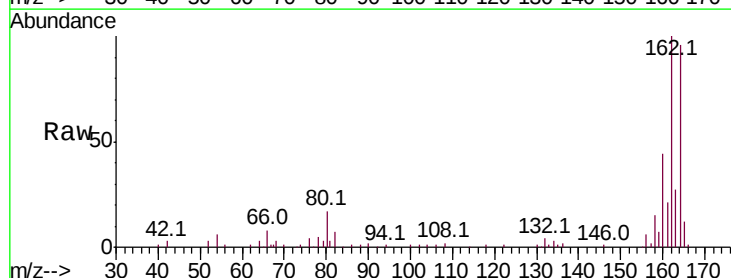
Instrument :
 BNA_F
 ClientSampleId :
 111518-TIPC-E-D-M

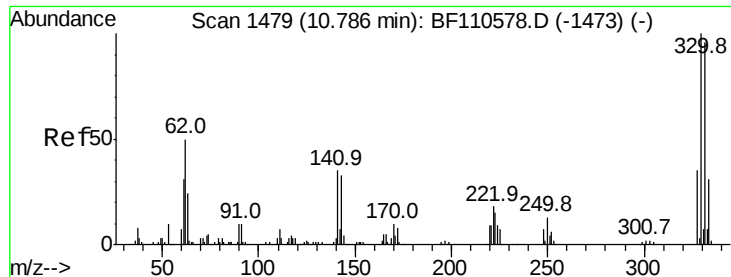
Tot Ion	82	Resp	302970
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.2	51.2
54	54.8	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Tgt Ion	164	Resp	87606
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.0	124.6
160	45.5	37.0	55.6

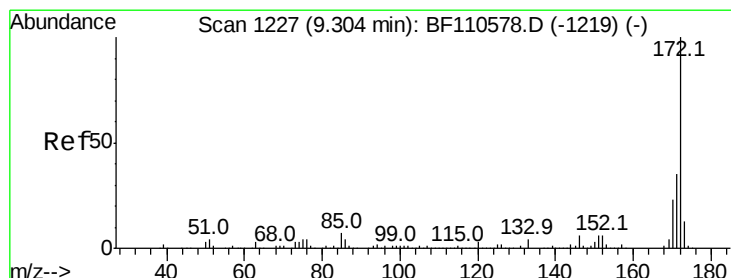
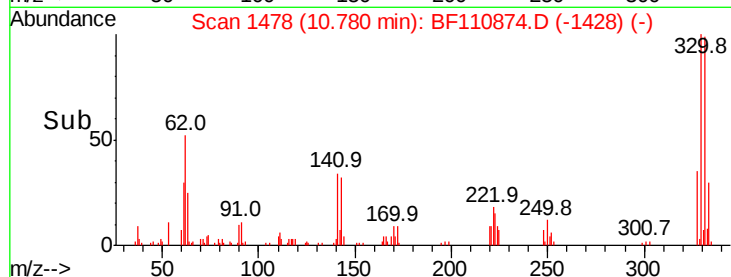
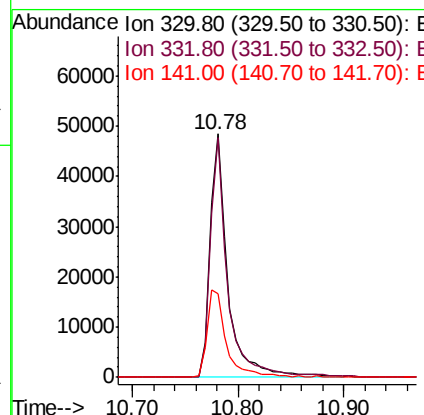
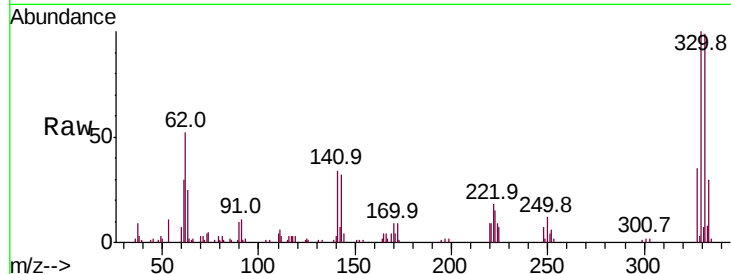




#42
 2,4,6-Tribromophenol
 Concen: 64.487 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

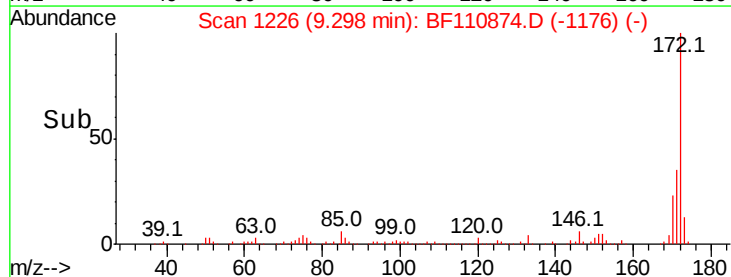
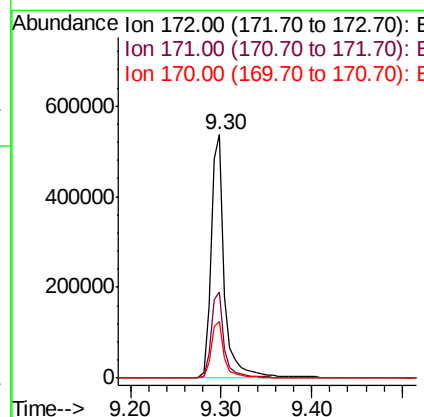
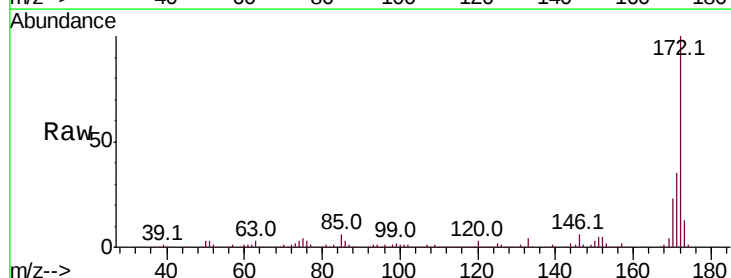
Instrument :
 BNA_F
 ClientSampleId :
 111518-TIPC-E-D-M

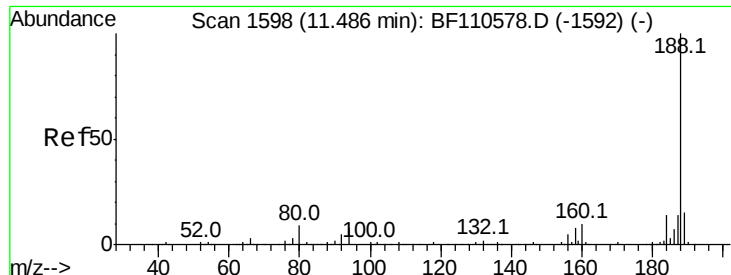
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	38.4	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 92.126 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110874.D
 Acq: 20 Nov 2018 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.3	19.7	29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

Instrument :

BNA_F

ClientSampleId :

111518-TIPC-E-D-M

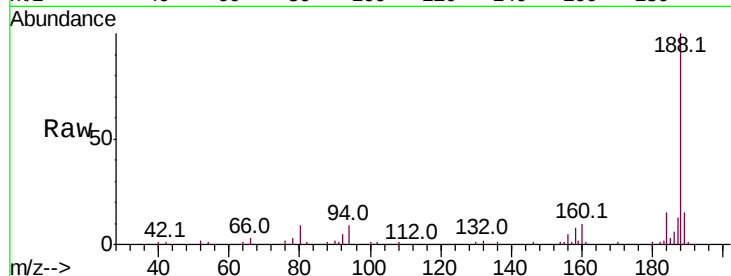
Tot Ion:188 Resp: 143579

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

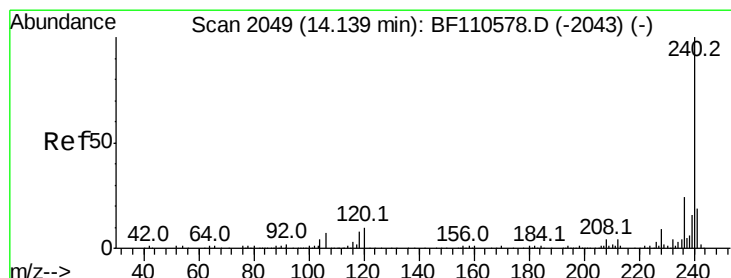
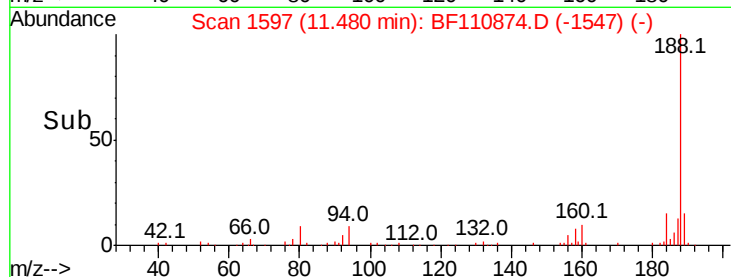
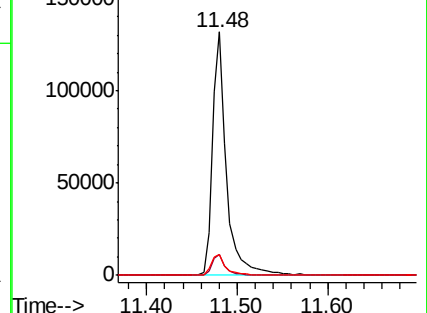
80 8.8 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

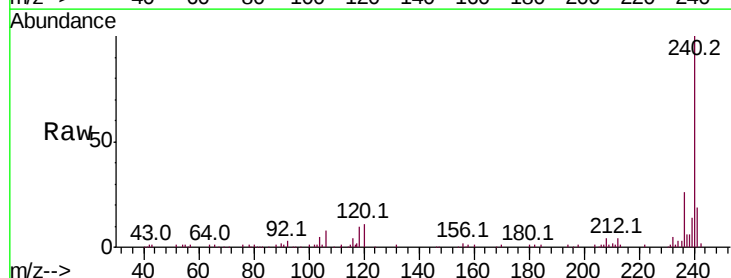
Tgt Ion:240 Resp: 126474

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

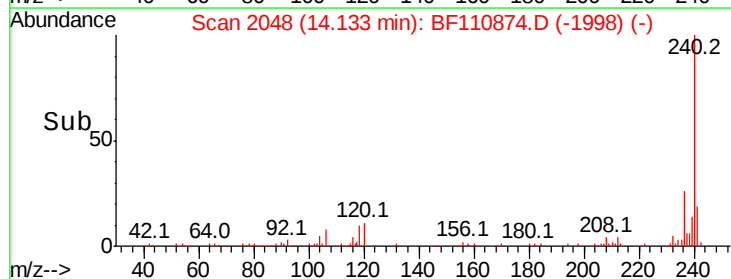
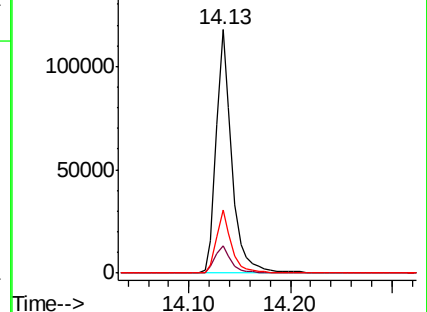
236 25.8 21.2 31.8

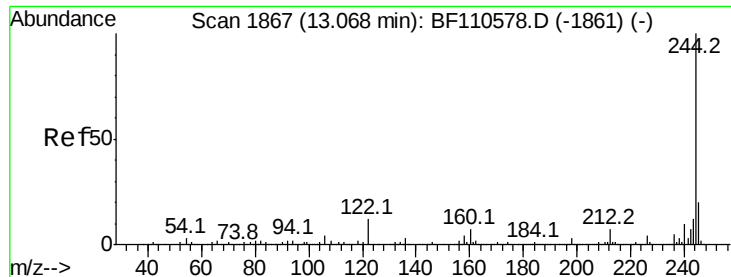


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.833 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

Instrument :

BNA_F

ClientSampleId :

111518-TIPC-E-D-M

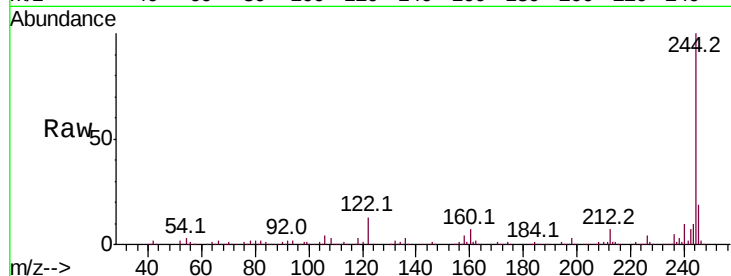
Tot Ion:244 Resp: 397320

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

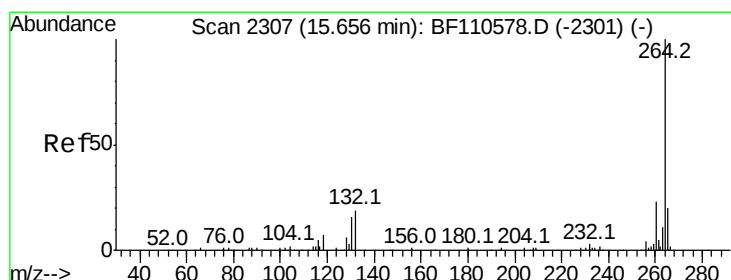
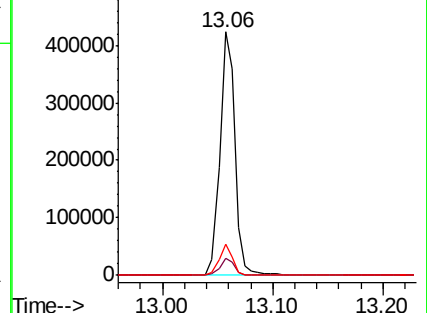
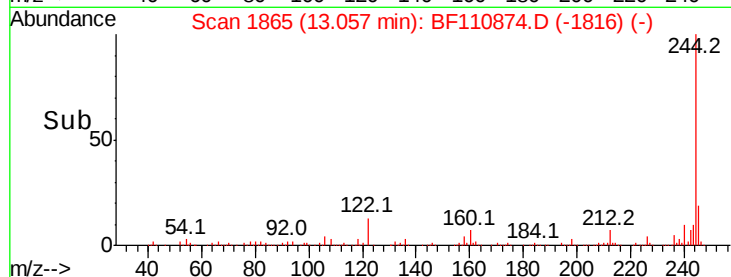
122 12.9 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110874.D

Acq: 20 Nov 2018 1:40

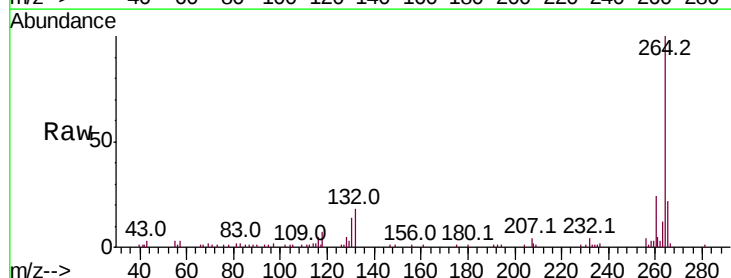
Tgt Ion:264 Resp: 79866

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.9 16.7 25.1



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

