

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110827.D
 Acq On : 16 Nov 2018 20:01
 Operator : JU/SJ
 Sample : J5951-02 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-02(21-23)

Quant Time: Nov 17 00:02:31 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	108105	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	459242	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	203082	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	324102	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	270267	20.00	ng	-0.01
87) Perylene-d12	15.66	264	203673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	33194	4.99	ng	0.00
7) Phenol-d6	6.57	99	43909	5.16	ng	0.00
23) Nitrobenzene-d5	7.52	82	27763	3.48	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	6952	3.40	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	54900	3.86	ng	0.00
79) Terphenyl-d14	13.06	244	41233	2.86	ng	-0.01

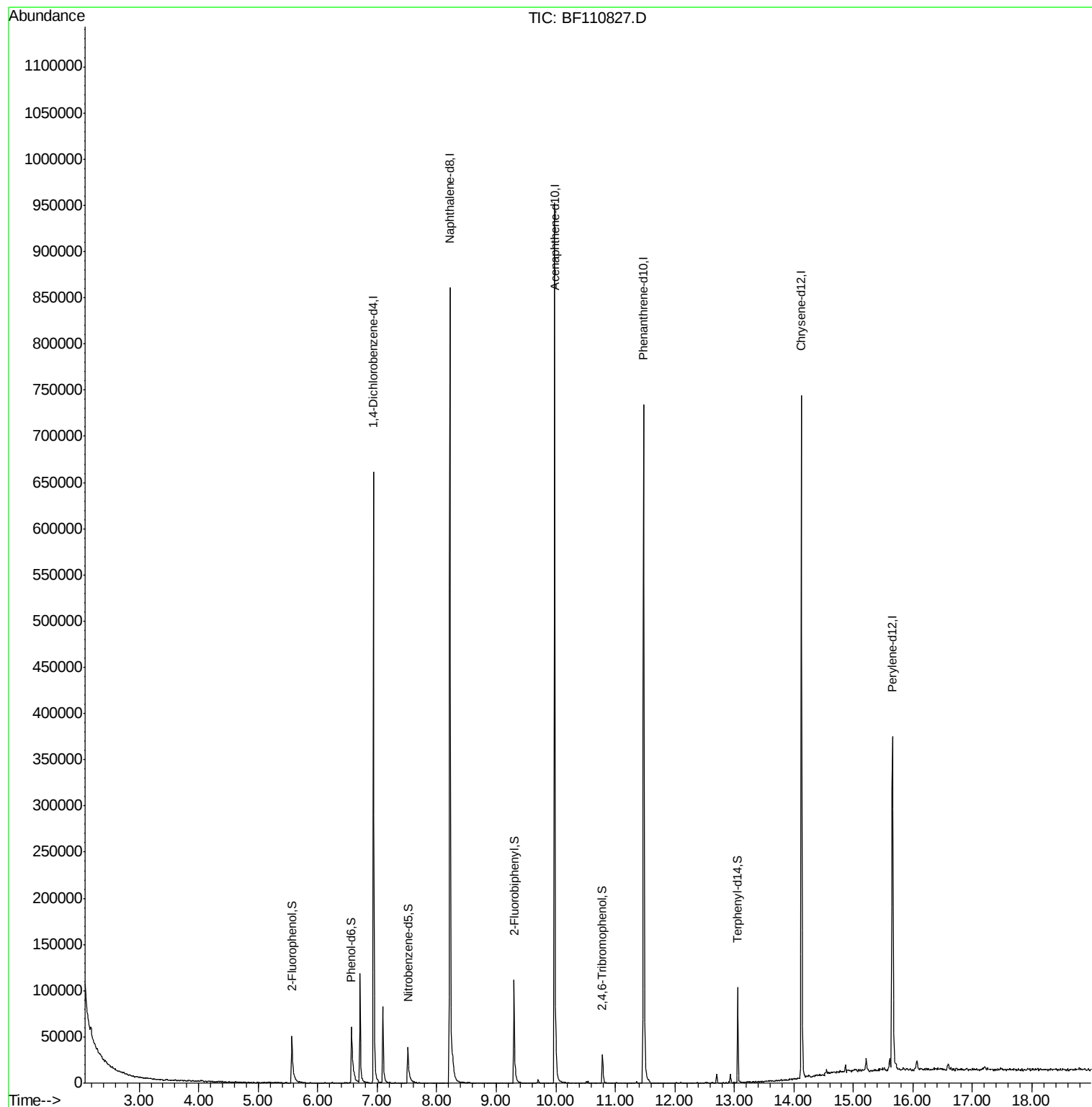
Target Compounds	Qvalue
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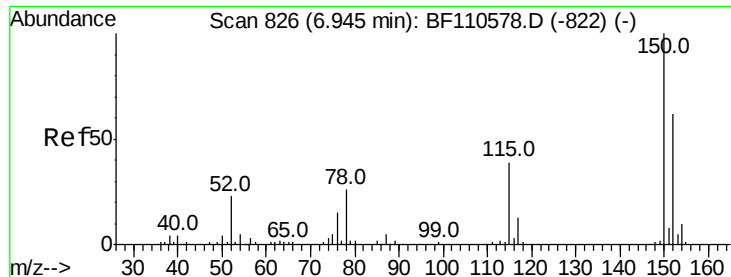
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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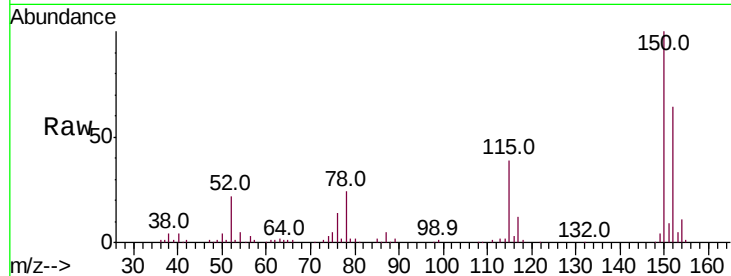


#1

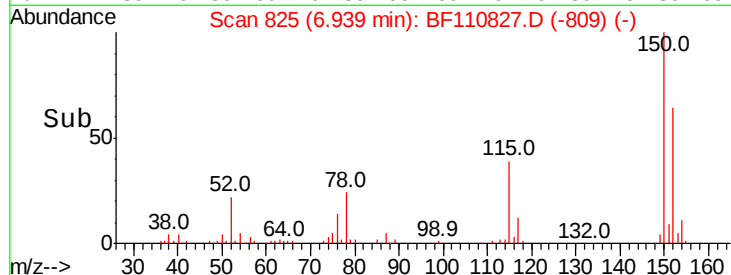
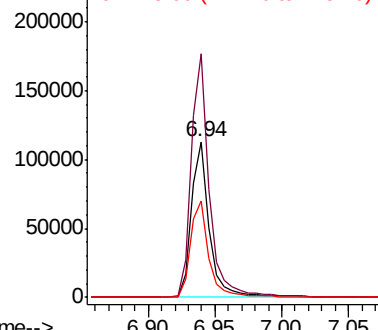
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	61.8	49.1	73.7



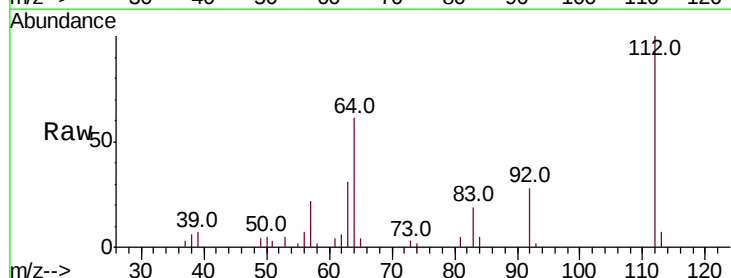
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



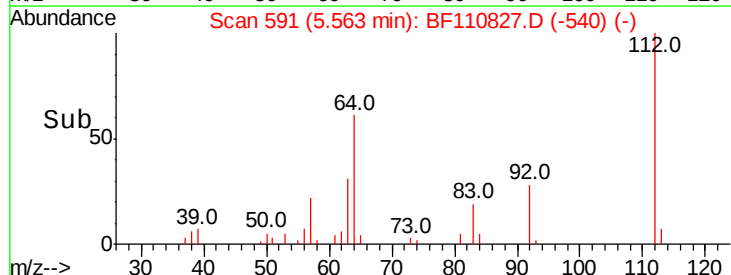
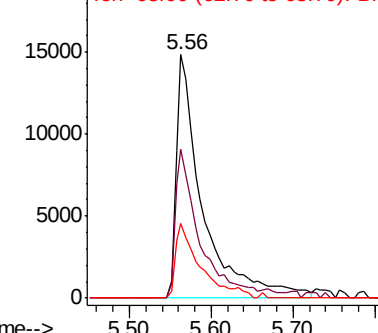
#5

2-Fluorophenol
Concen: 4.988 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	30.8	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: 5.159 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110827.D

Acq: 16 Nov 2018 20:01

Instrument :

BNA_F

ClientSampleId :

FDSB-02(21-23)

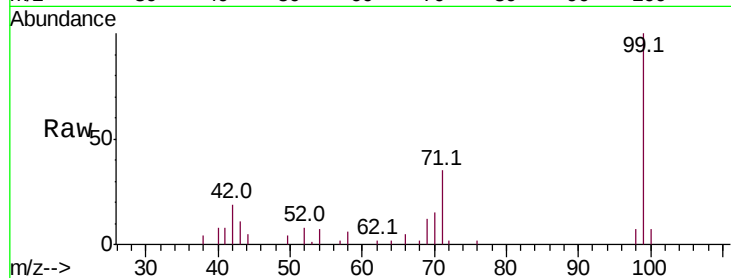
Tot Ion: 99 Resp: 43909

Ion Ratio Lower Upper

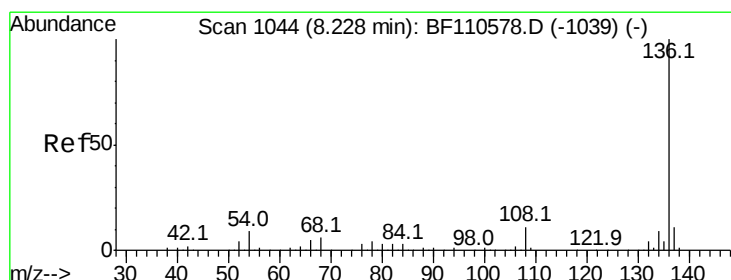
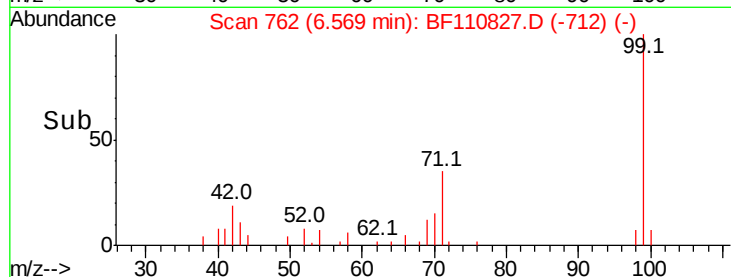
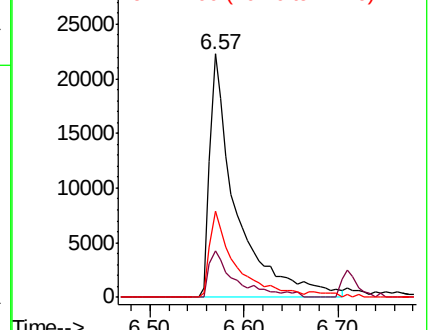
99 100

42 19.3 15.8 23.6

71 35.4 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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110827.D

Acq: 16 Nov 2018 20:01

Tgt Ion: 136 Resp: 459242

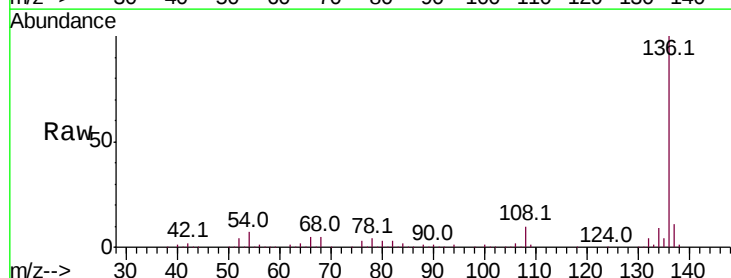
Ion Ratio Lower Upper

136 100

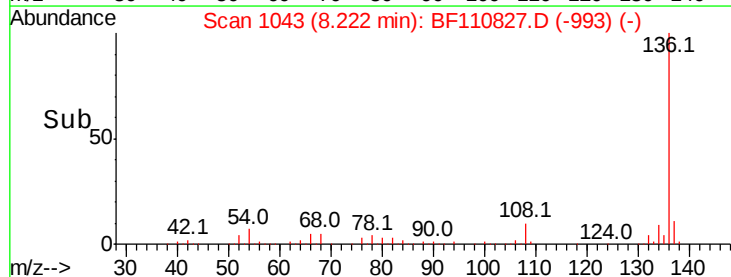
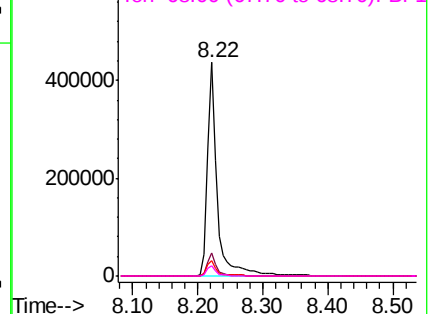
137 10.9 8.8 13.2

54 7.5 5.4 8.2

68 4.8 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

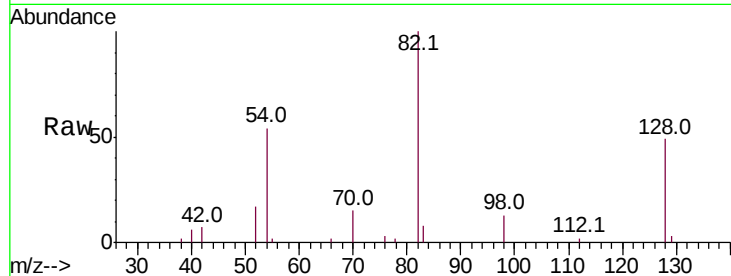




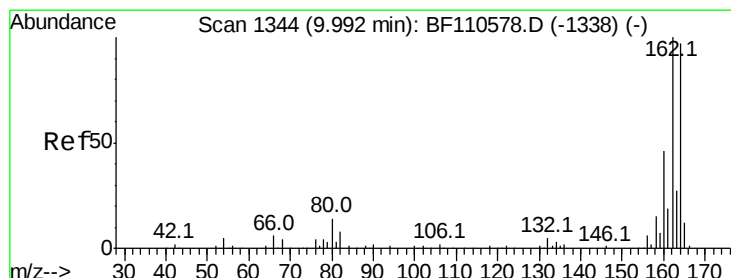
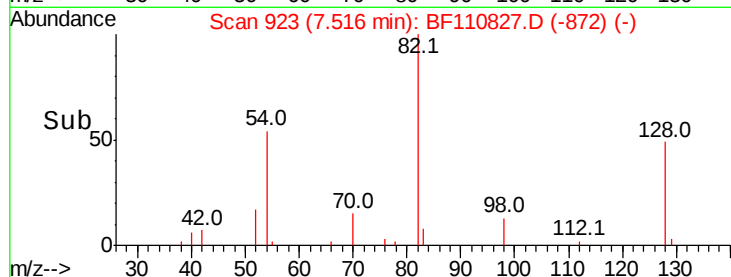
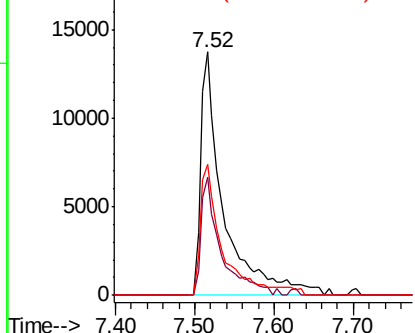
#23
 Nitrobenzene-d5
 Concen: 3.482 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF110827.D
 Acq: 16 Nov 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-02(21-23)

Tot Ion	82	Resp	27763
Ion Ratio	Lower	Upper	
82	100		
128	48.6	34.2	51.2
54	53.6	38.6	58.0

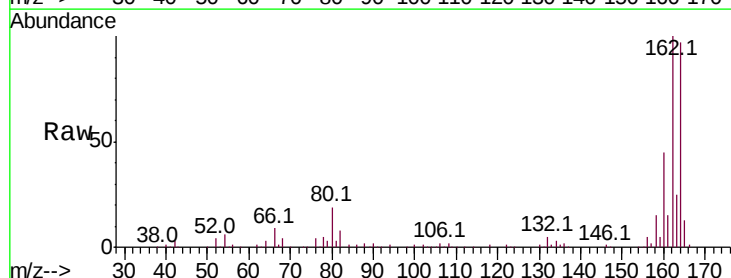


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

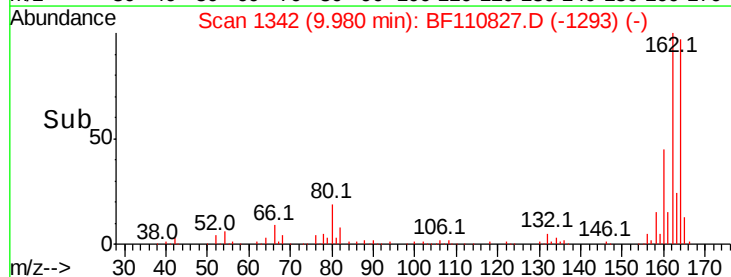
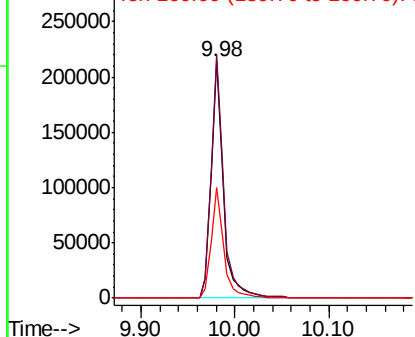


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110827.D
 Acq: 16 Nov 2018 20:01

Tgt Ion	164	Resp	203082
Ion Ratio	Lower	Upper	
164	100		
162	102.9	83.0	124.6
160	46.5	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

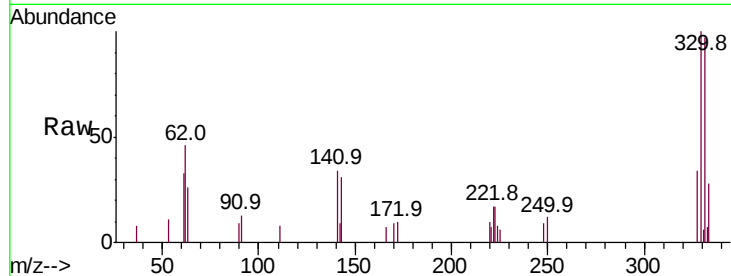




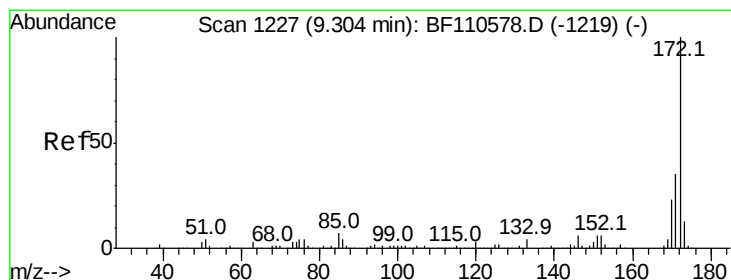
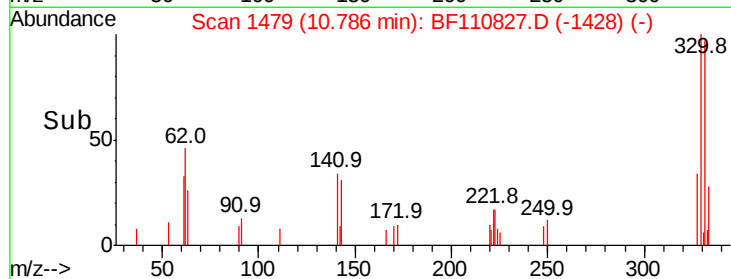
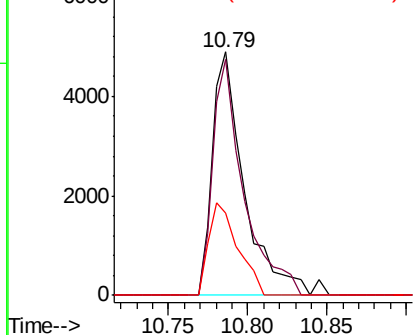
#42
 2,4,6-Tribromophenol
 Concen: 3.397 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110827.D
 Acq: 16 Nov 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 FDSB-02(21-23)

Tot Ion:330 Resp: 6952
 Ion Ratio Lower Upper
 330 100
 332 92.3 77.1 115.7
 141 34.4 27.0 40.4

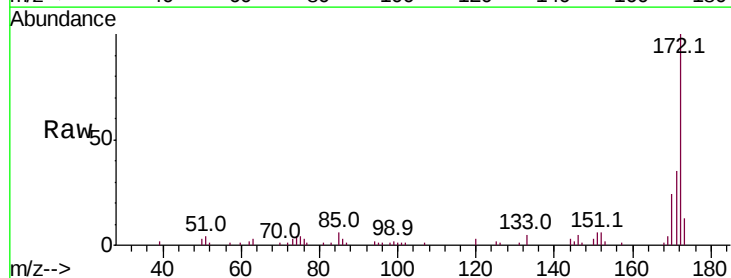


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

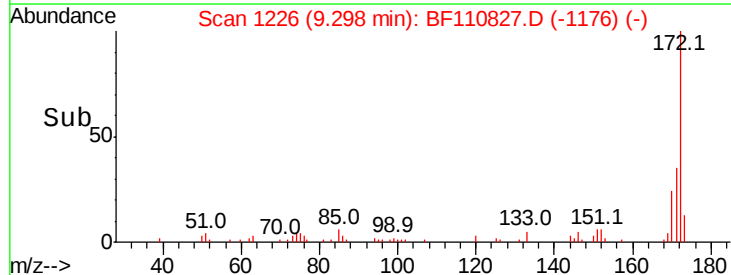
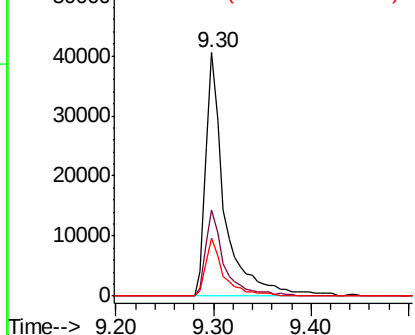


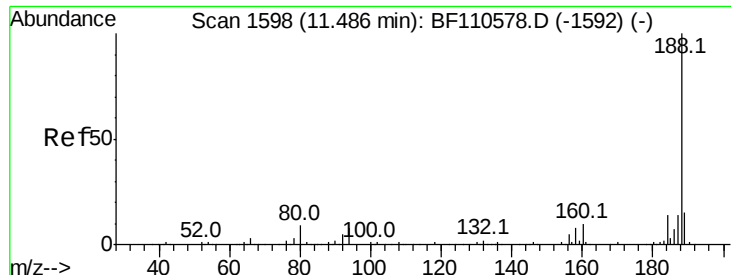
#45
 2-Fluorobiphenyl
 Concen: 3.861 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110827.D
 Acq: 16 Nov 2018 20:01

Tgt Ion:172 Resp: 54900
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.7 19.7 29.5



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

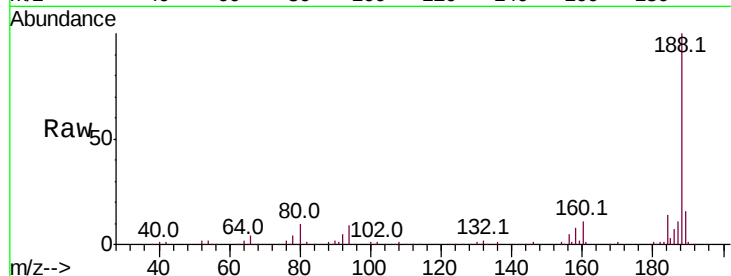




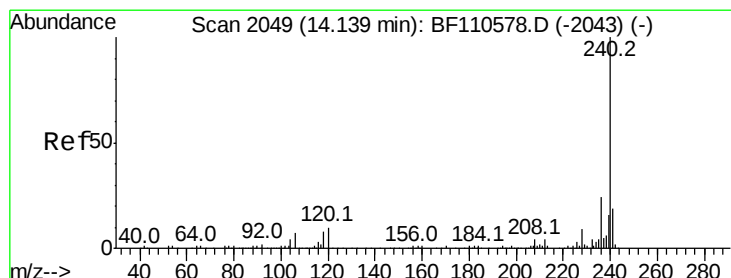
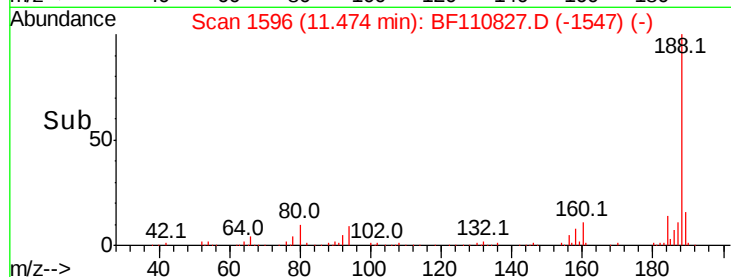
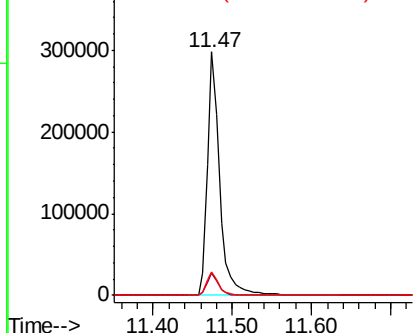
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Instrument :
BNA_F
ClientSampleId :
FDSB-02(21-23)

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.6	7.9	11.9

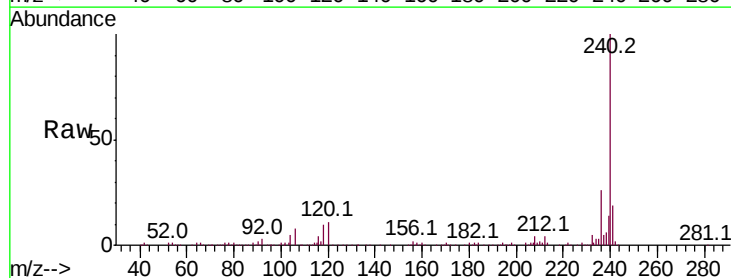


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

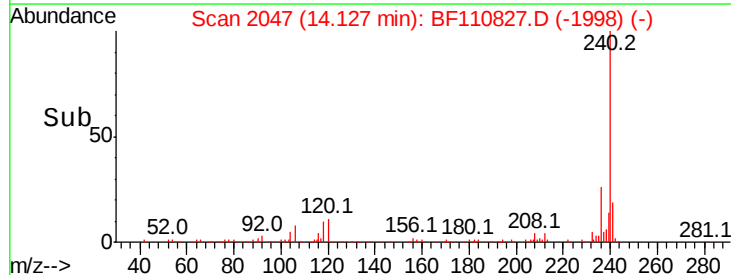
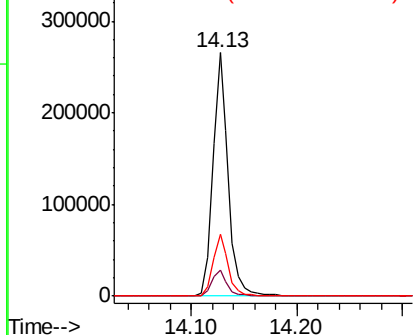


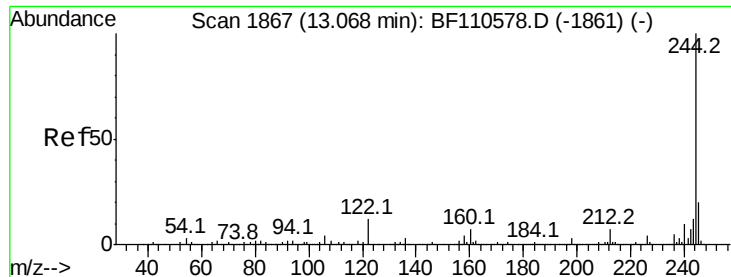
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110827.D
Acq: 16 Nov 2018 20:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.7	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: 2.857 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110827.D

Acq: 16 Nov 2018 20:01

Instrument :

BNA_F

ClientSampleId :

FDSB-02(21-23)

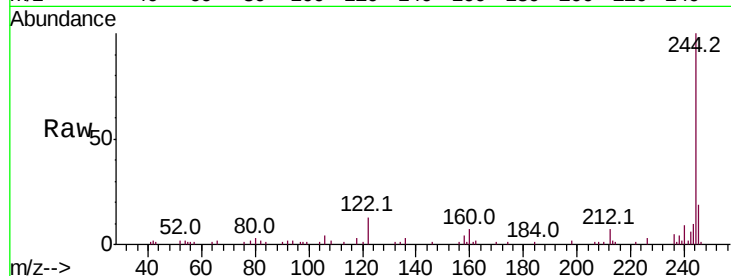
Tot Ion:244 Resp: 41233

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

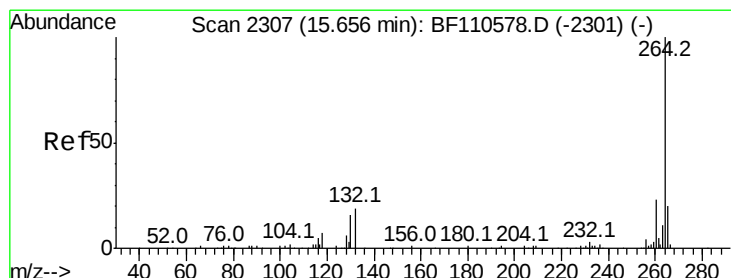
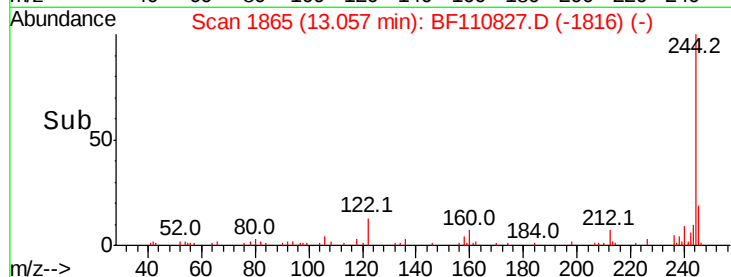
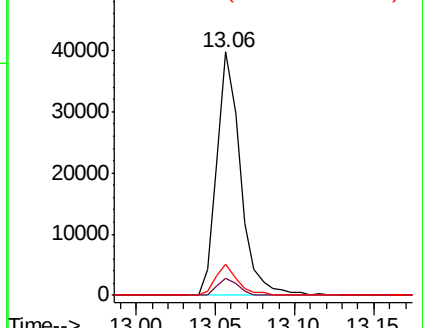
122 12.8 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110827.D

Acq: 16 Nov 2018 20:01

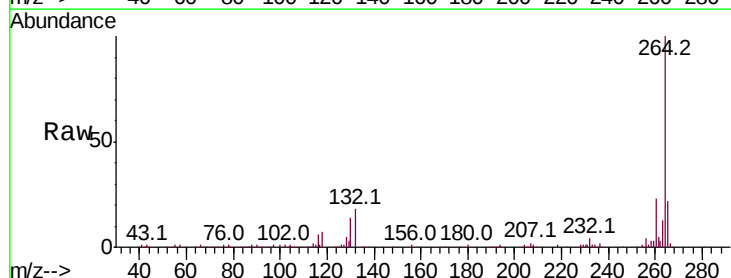
Tgt Ion:264 Resp: 203673

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.1 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

