

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110444.D
 Acq On : 3 Nov 2018 7:09
 Operator : JU/SJ
 Sample : J5789-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103118-SIDI-E-D-M

Quant Time: Nov 05 03:54:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

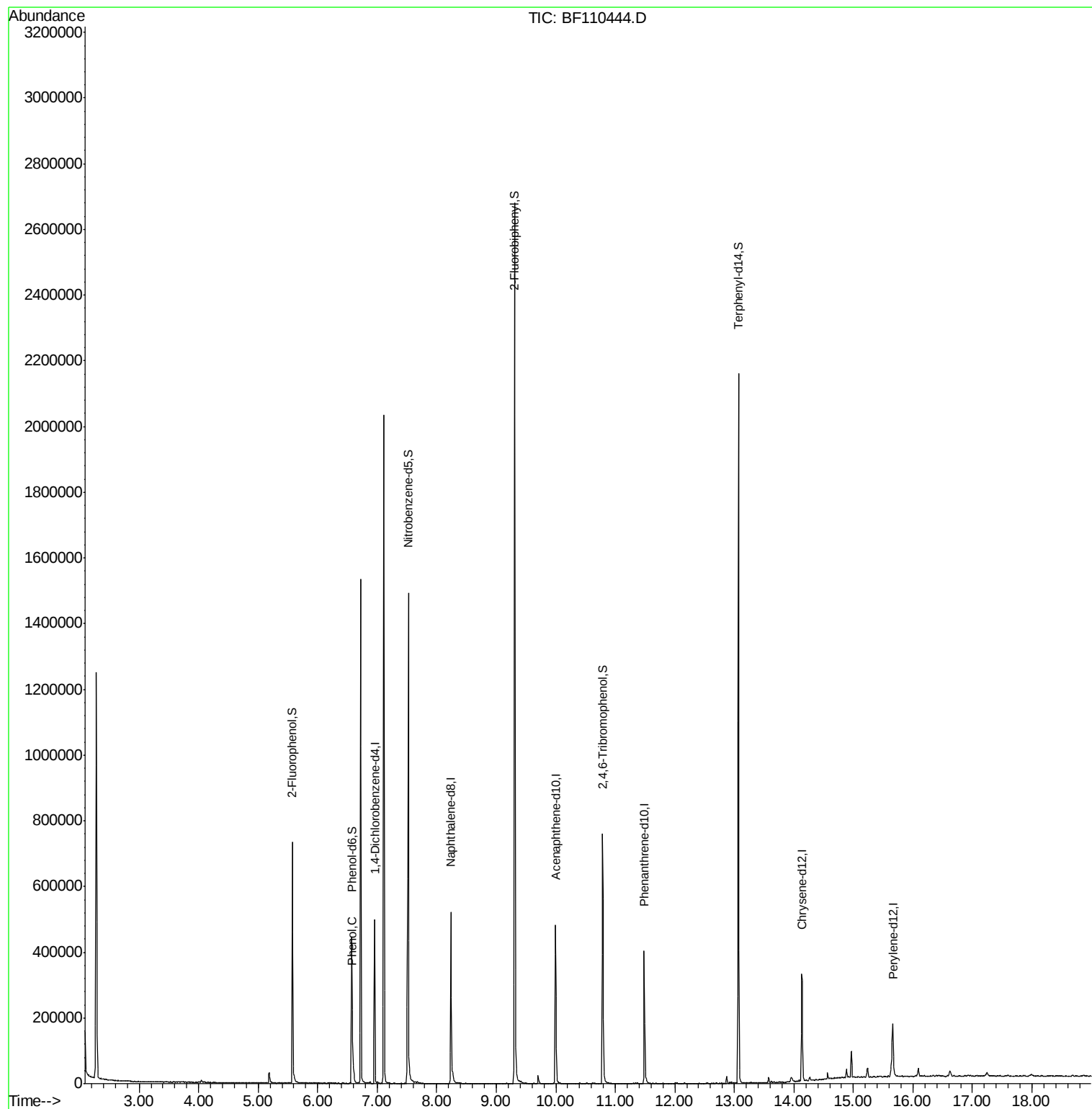
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	78768	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	285525	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	114728	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	196059	20.00	ng	0.00
76) Chrysene-d12	14.13	240	133665	20.00	ng	0.00
87) Perylene-d12	15.66	264	95096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	202531	41.87	ng	0.00
7) Phenol-d6	6.57	99	154120	24.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	516510	107.30	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	95560	84.09	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	877650	120.12	ng	0.00
79) Terphenyl-d14	13.07	244	790844	123.05	ng	0.00
Target Compounds						
10) Phenol	6.59	94	21345	3.228	ng	Qvalue # 67

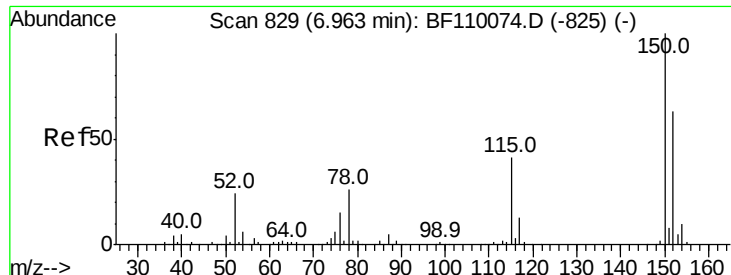
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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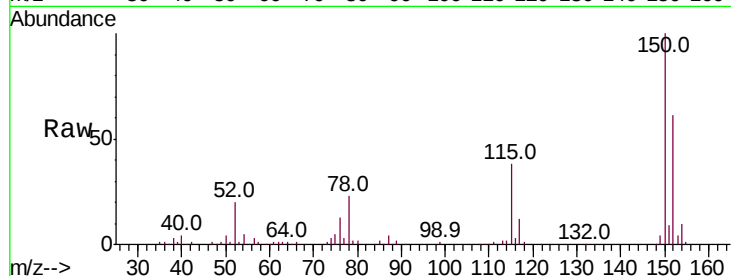


#1

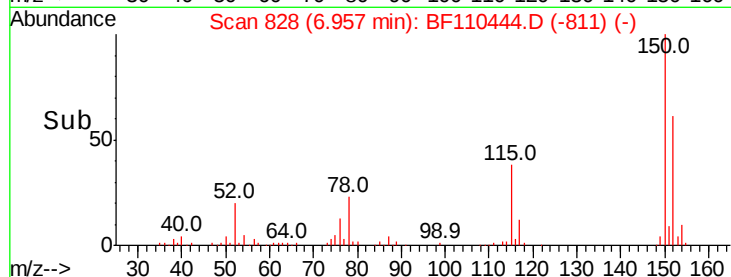
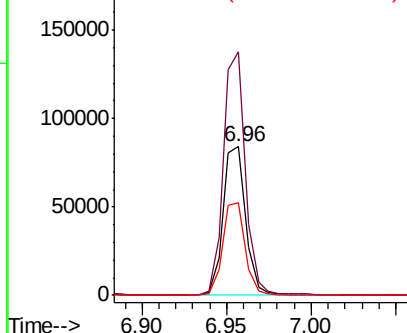
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Instrument :
BNA_F
ClientSampleId :
103118-SIDI-E-D-M

Tot Ion:152 Resp: 78768
Ion Ratio Lower Upper
152 100
150 163.7 122.7 184.1
115 62.3 49.1 73.7



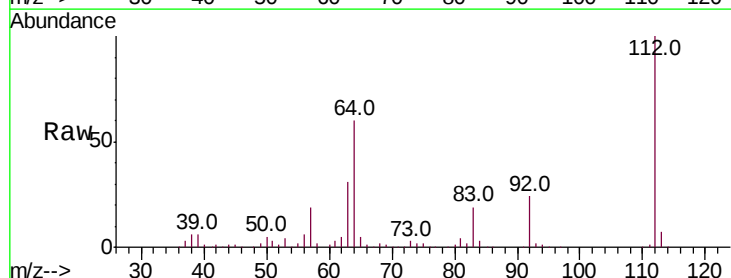
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



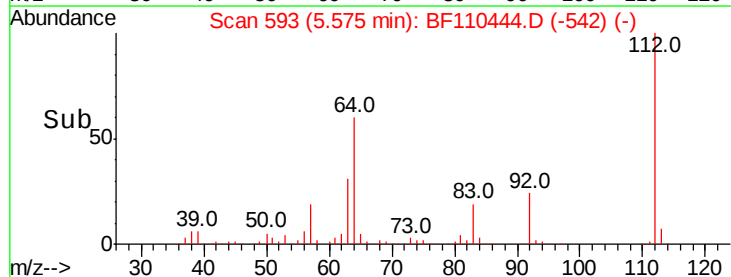
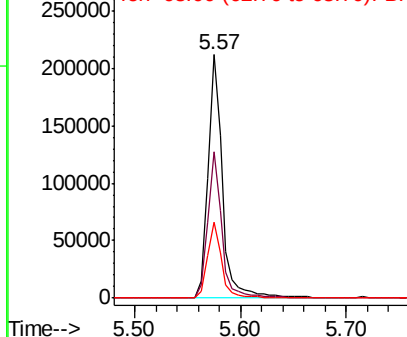
#5

2-Fluorophenol
Concen: 41.871 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Tgt Ion:112 Resp: 202531
Ion Ratio Lower Upper
112 100
64 60.3 44.1 66.1
63 31.2 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: 24.911 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110444.D

Acq: 3 Nov 2018 7:09

Instrument :

BNA_F

ClientSampleId :

103118-SIDI-E-D-M

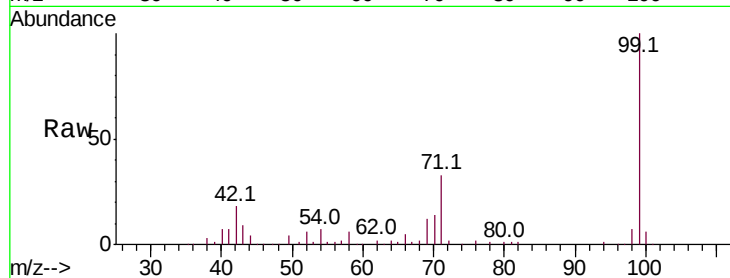
Tot Ion: 99 Resp: 154120

Ion Ratio Lower Upper

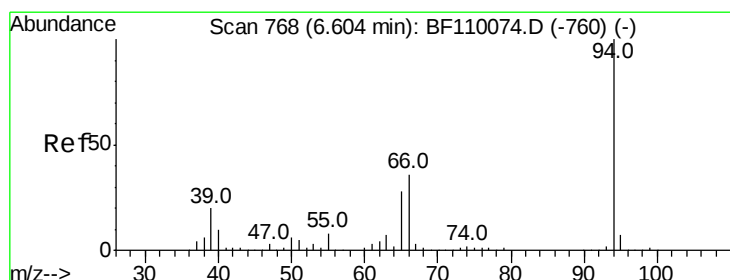
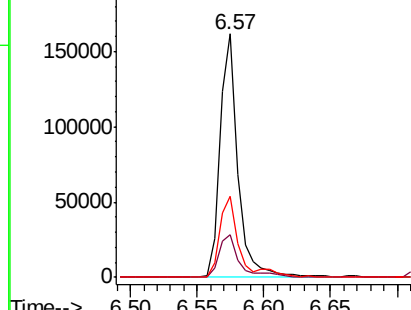
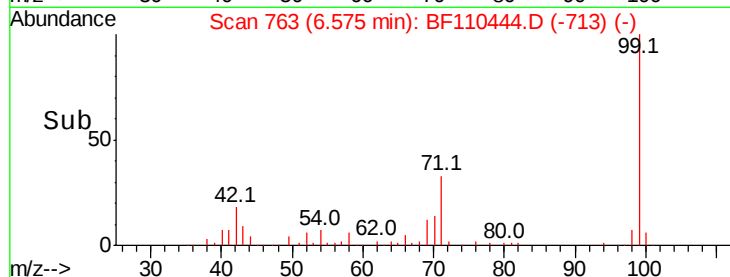
99 100

42 17.6 15.8 23.6

71 33.4 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



#10

Phenol

Concen: 3.228 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110444.D

Acq: 3 Nov 2018 7:09

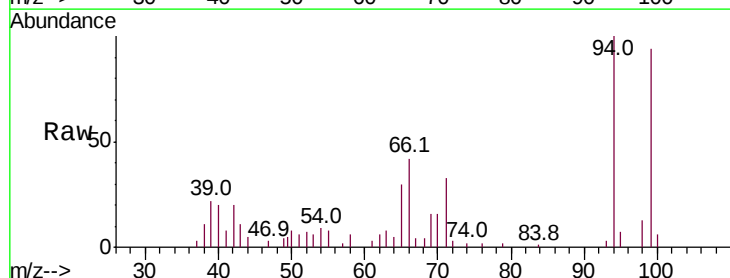
Tgt Ion: 94 Resp: 21345

Ion Ratio Lower Upper

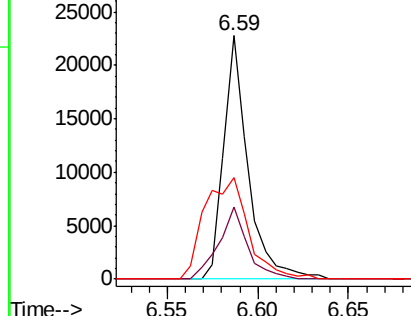
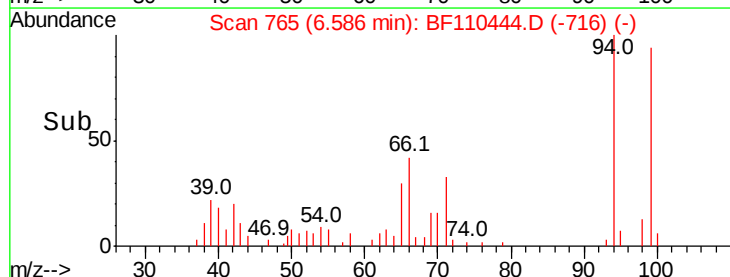
94 100

65 29.6 25.3 65.3

66 41.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

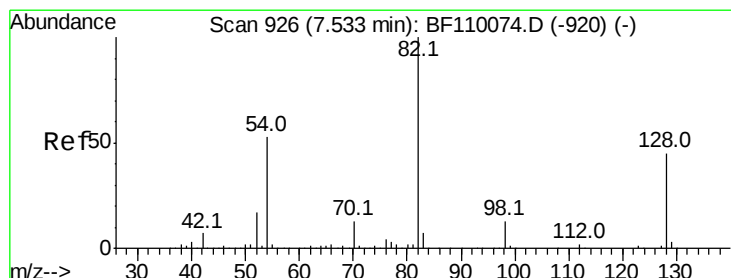
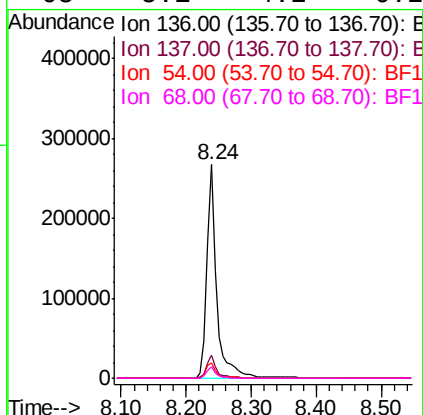
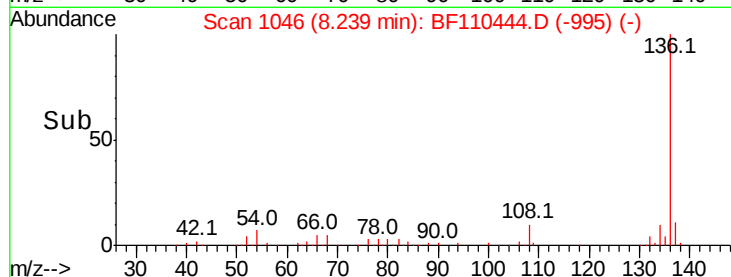
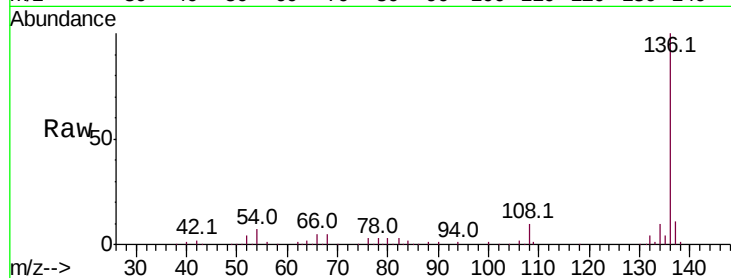




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

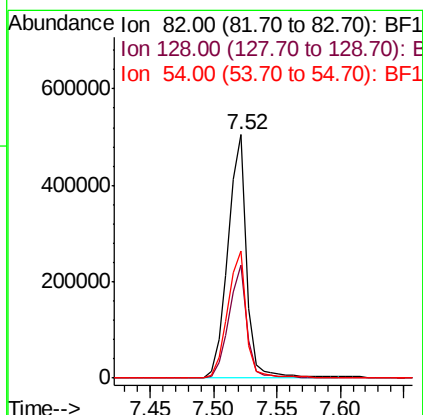
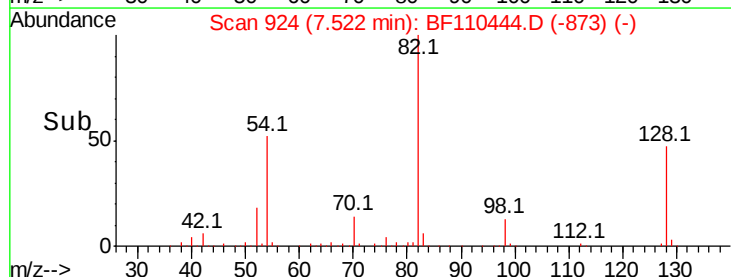
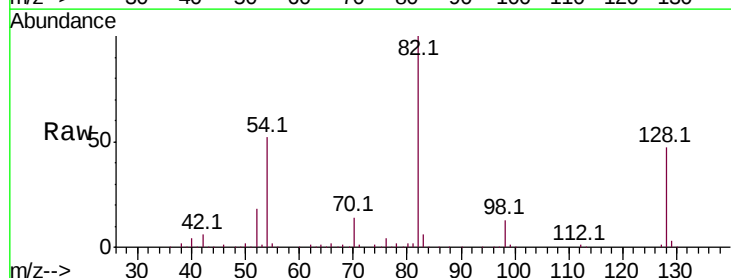
Instrument :
BNA_F
ClientSampleId :
103118-SIDI-E-D-M

Tot Ion:136	Resp:	285525
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.3	5.4 8.2
68	5.1	4.2 6.2



#23
Nitrobenzene-d5
Concen: 107.297 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Tgt Ion: 82	Resp:	516510
Ion Ratio	Lower	Upper
82	100	
128	46.6	34.2 51.2
54	52.2	38.6 58.0

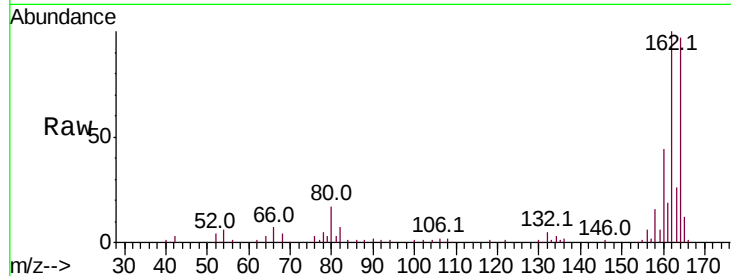




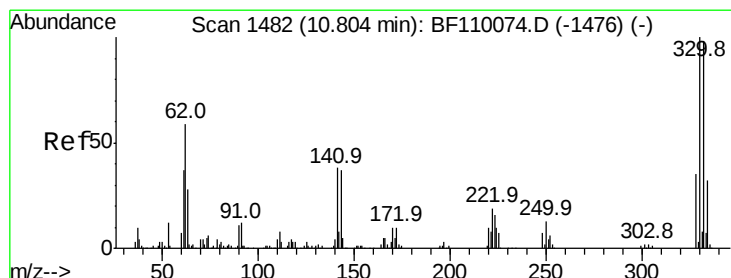
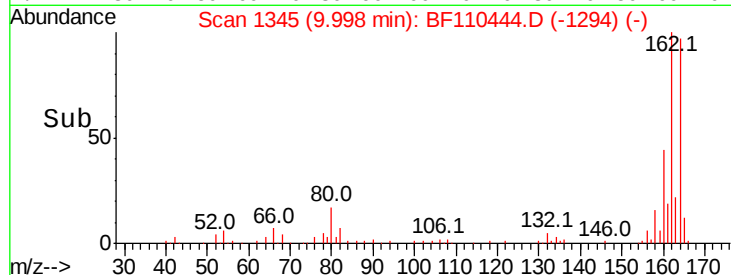
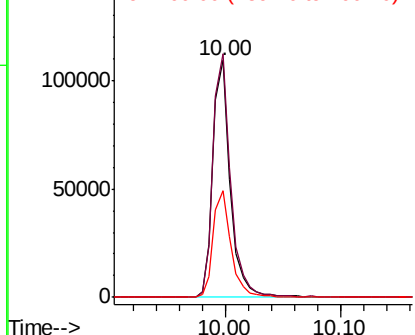
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Instrument :
BNA_F
ClientSampleId :
103118-SIDI-E-D-M

Tot Ion:164 Resp: 114728
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 44.8 37.0 55.6

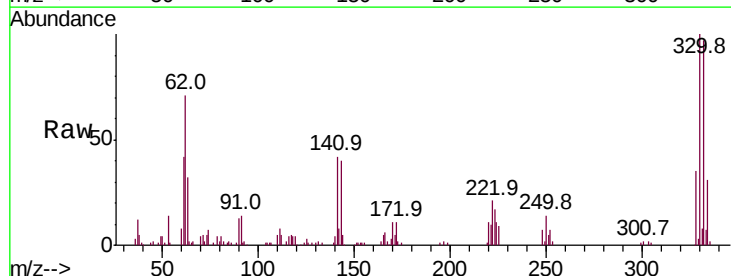


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

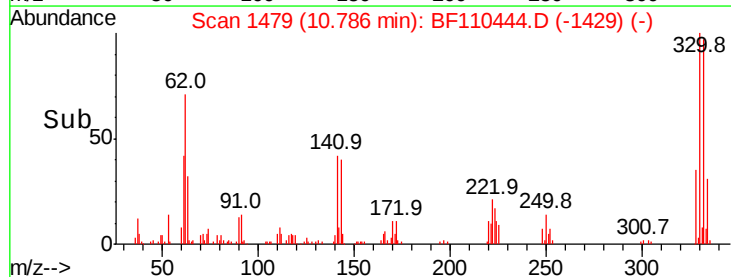
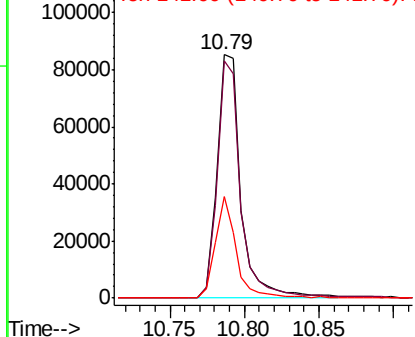


#42
2,4,6-Tribromophenol
Concen: 84.086 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Tgt Ion:330 Resp: 95560
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 36.4 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



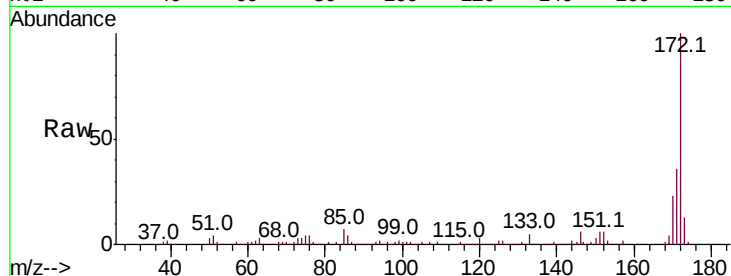


#45
 2-Fluorobiphenyl
 Concen: 120.122 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110444.D
 Acq: 3 Nov 2018 7:09

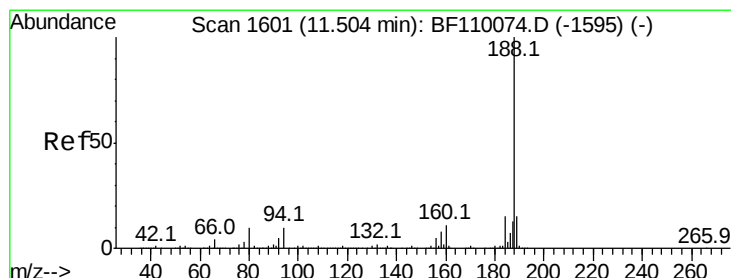
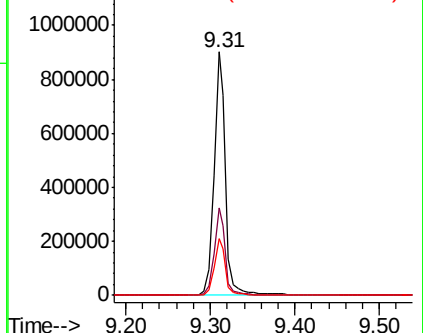
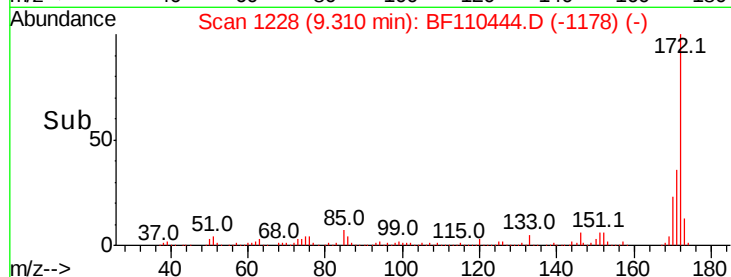
Instrument :
 BNA_F
 ClientSampleId :
 103118-SIDI-E-D-M

Tot Ion:172 Resp: 877650

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.5	19.7	29.5



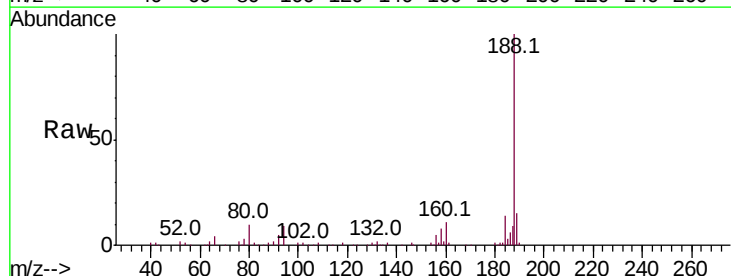
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



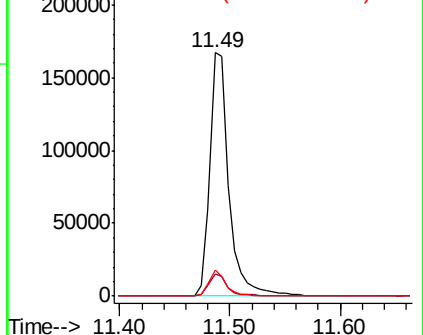
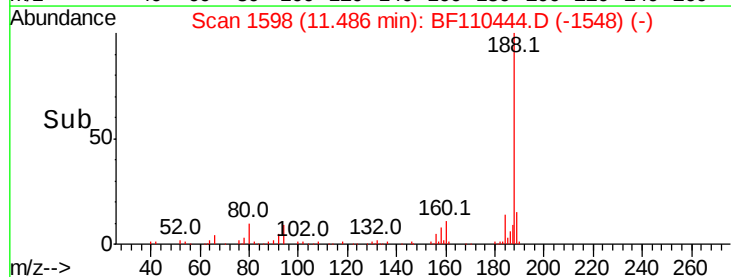
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110444.D
 Acq: 3 Nov 2018 7:09

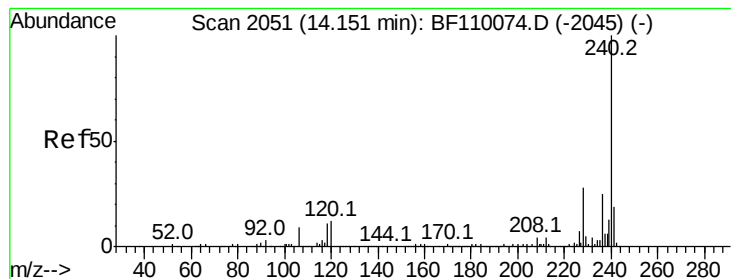
Tgt Ion:188 Resp: 196059

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	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: BF110444.D

Acq: 3 Nov 2018 7:09

Instrument :

BNA_F

ClientSampleId :

103118-SIDI-E-D-M

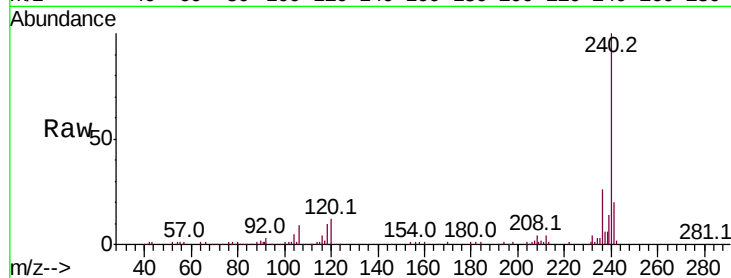
Tot Ion:240 Resp: 133665

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

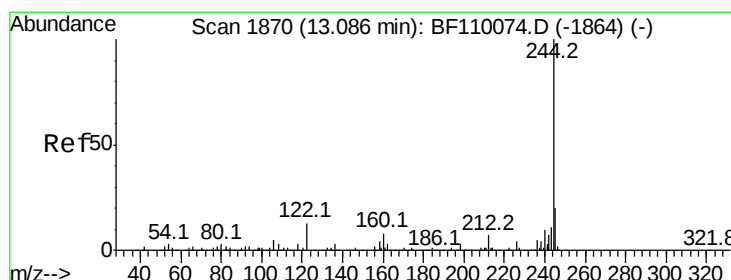
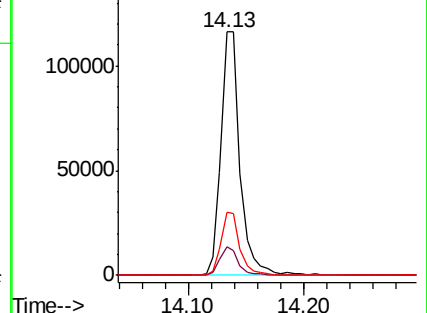
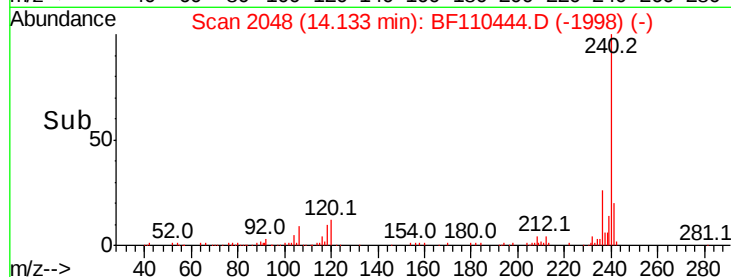
236 26.0 21.2 31.8



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: 123.048 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110444.D

Acq: 3 Nov 2018 7:09

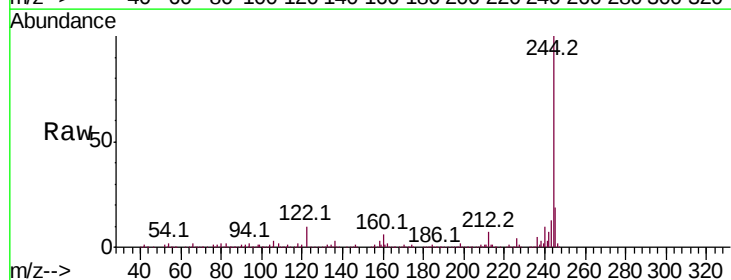
Tgt Ion:244 Resp: 790844

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

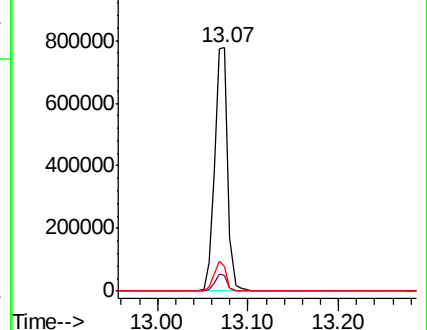
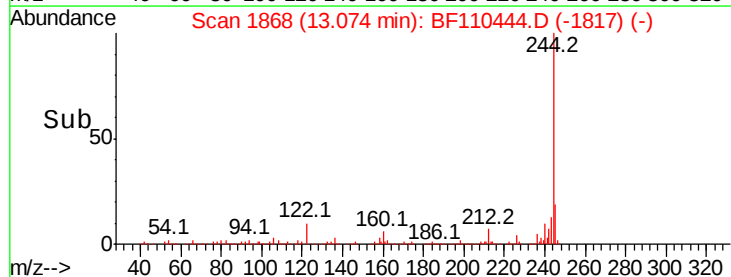
122 10.1 8.7 13.1

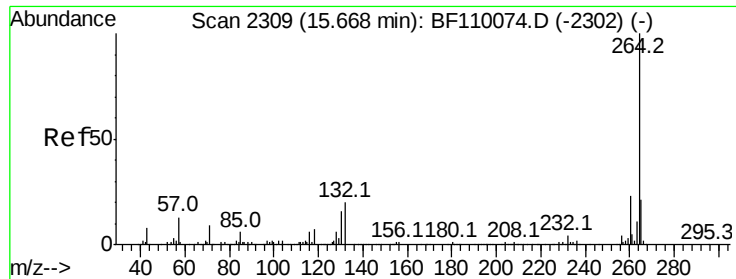


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110444.D
Acq: 3 Nov 2018 7:09

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.4	16.7	25.1

