

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109814.D
 Acq On : 12 Oct 2018 4:47
 Operator : JU/SJ
 Sample : J5296-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-D-M

Quant Time: Oct 12 06:42:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	70390	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	254908	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	104150	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	213915	20.00	ng	0.00
75) Chrysene-d12	13.83	240	243903	20.00	ng	0.00
86) Perylene-d12	15.23	264	159369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	142363	35.90	ng	0.00
7) Phenol-d6	6.35	99	118354	22.34	ng	-0.01
23) Nitrobenzene-d5	7.26	82	466334	100.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	107682	94.89	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	753986	99.71	ng	0.00
78) Terphenyl-d14	12.78	244	908694	72.12	ng	0.00

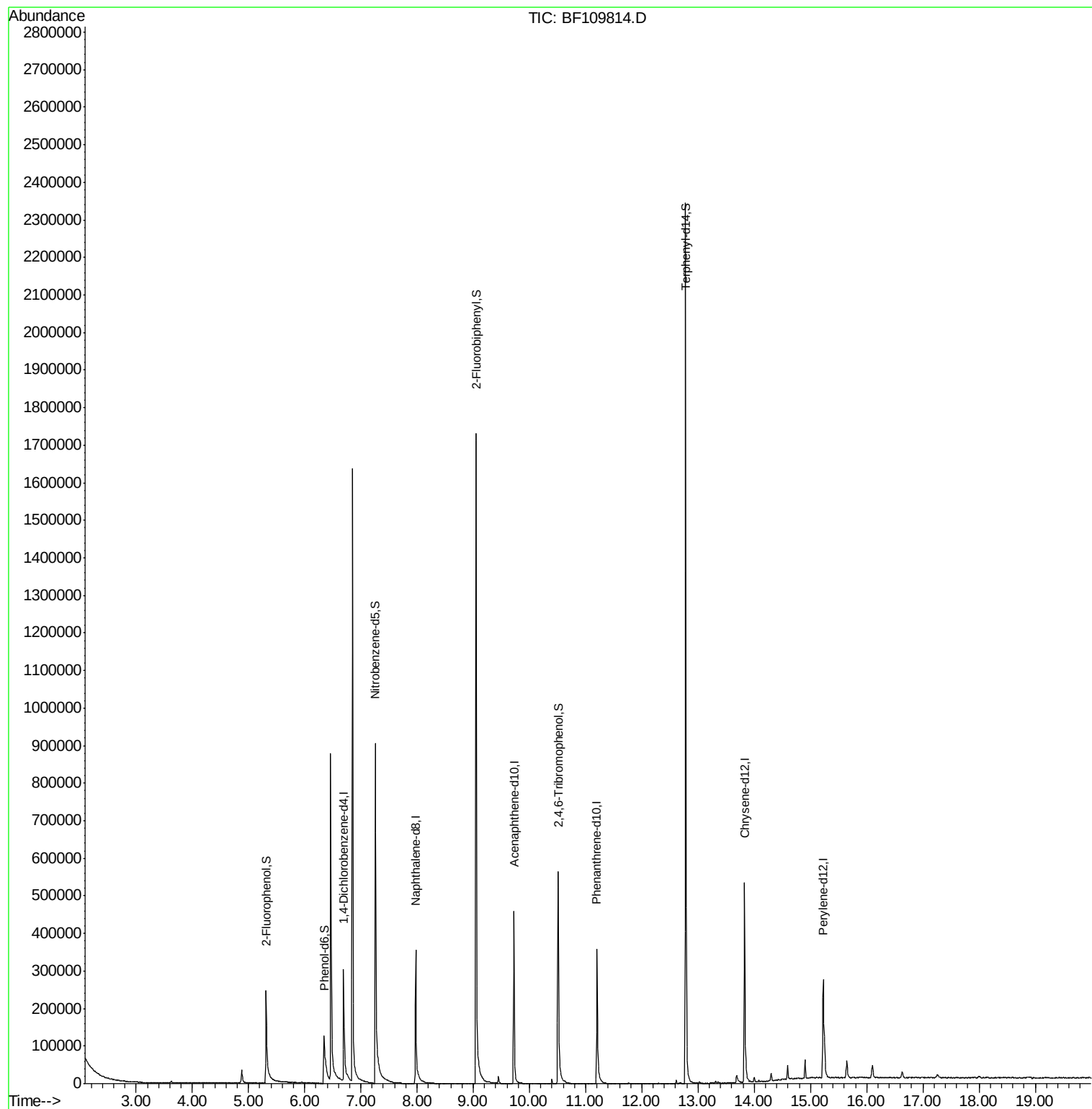
Target Compounds Qvalue

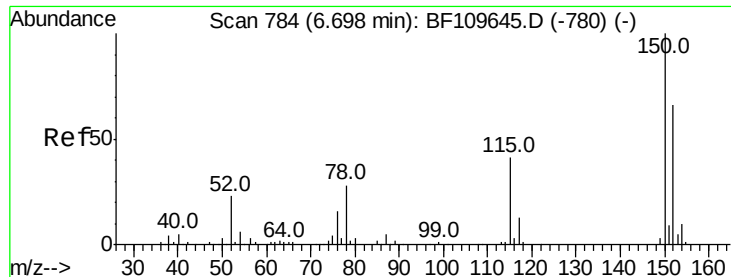
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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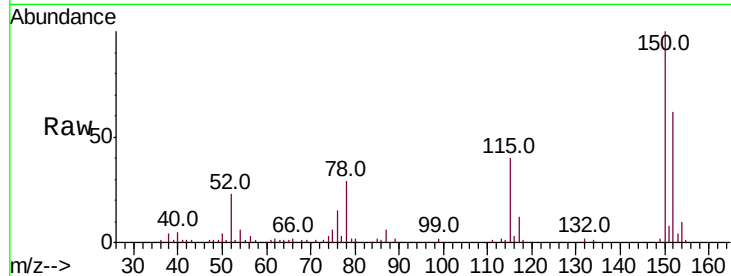


#1

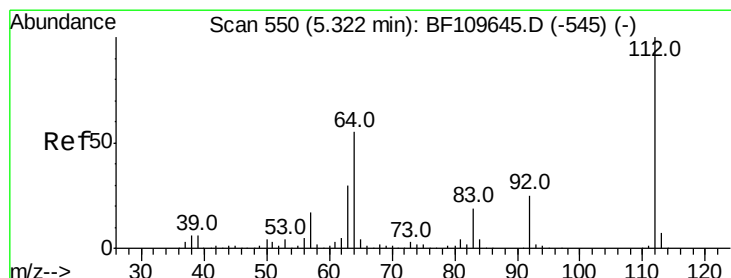
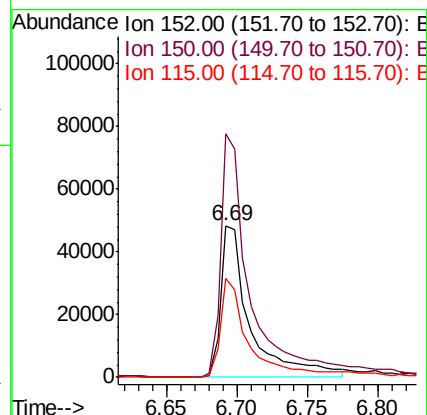
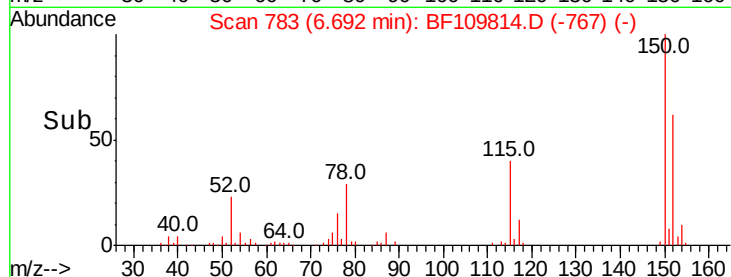
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

Tot Ion:152 Resp: 70390
Ion Ratio Lower Upper
152 100
150 160.6 122.7 184.1
115 64.9 49.1 73.7



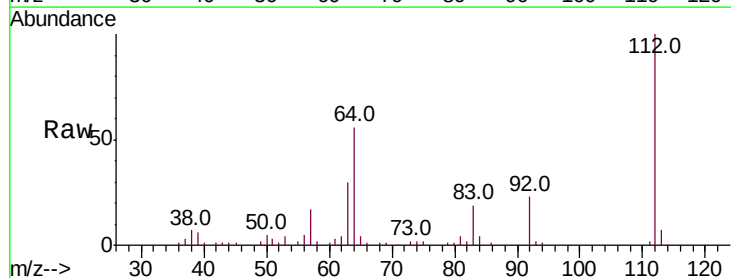
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



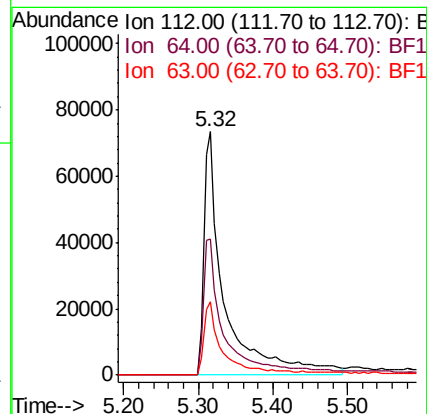
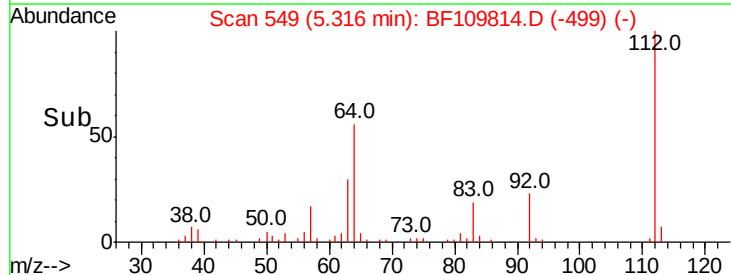
#5

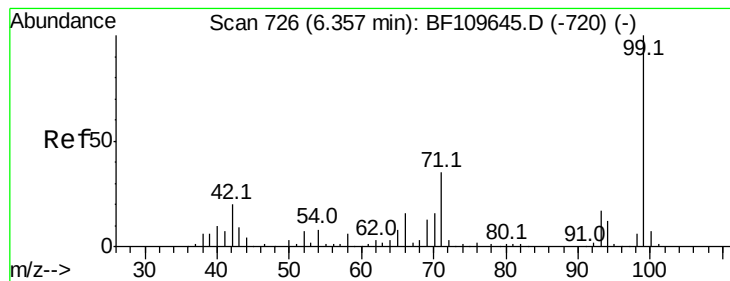
2-Fluorophenol
Concen: 35.900 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion:112 Resp: 142363
Ion Ratio Lower Upper
112 100
64 55.8 44.1 66.1
63 30.1 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: 22.341 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109814.D

Acq: 12 Oct 2018 4:47

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-D-M

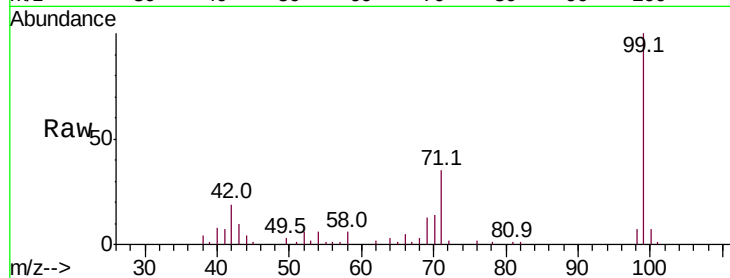
Tot Ion: 99 Resp: 118354

Ion Ratio Lower Upper

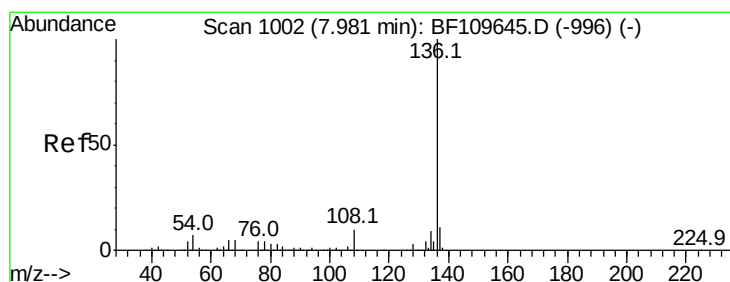
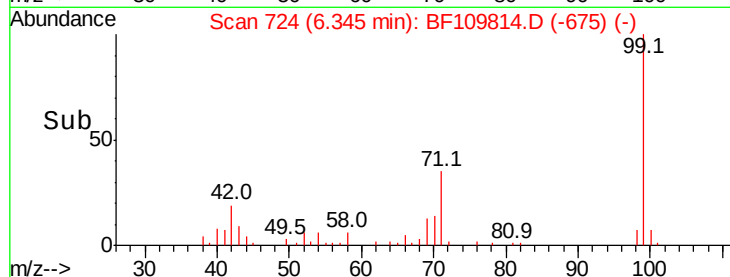
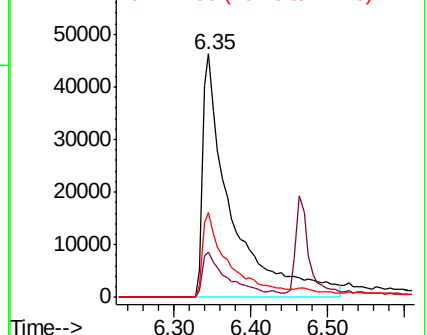
99 100

42 18.5 15.8 23.6

71 35.0 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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109814.D

Acq: 12 Oct 2018 4:47

Tgt Ion: 136 Resp: 254908

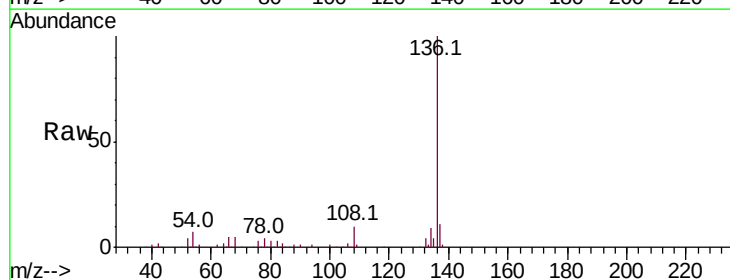
Ion Ratio Lower Upper

136 100

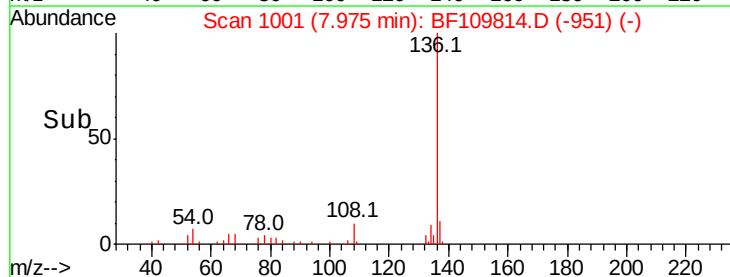
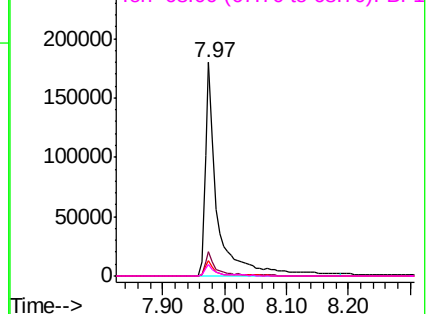
137 11.1 8.8 13.2

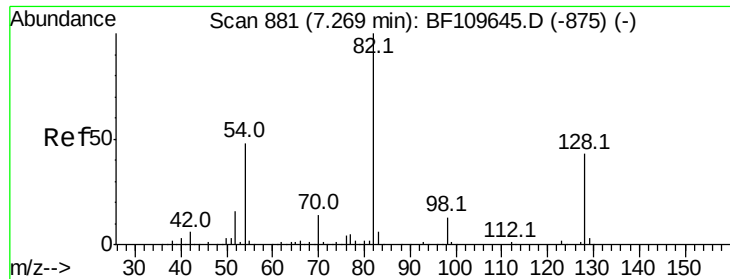
54 7.1 5.4 8.2

68 5.3 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

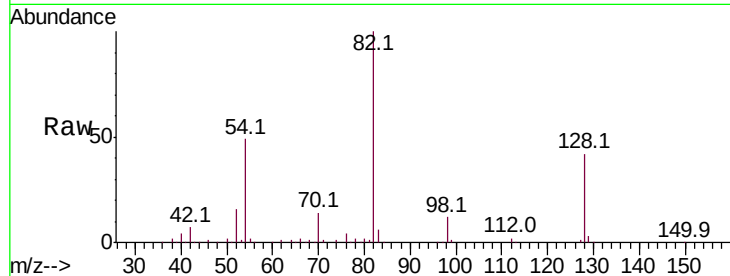




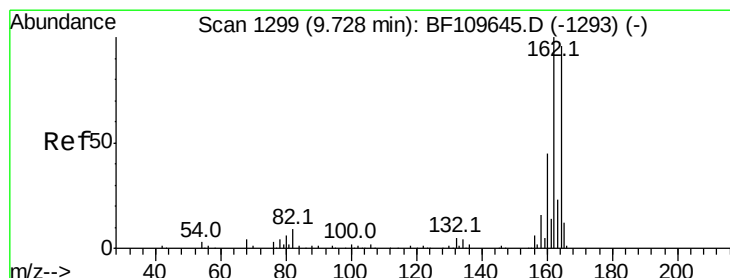
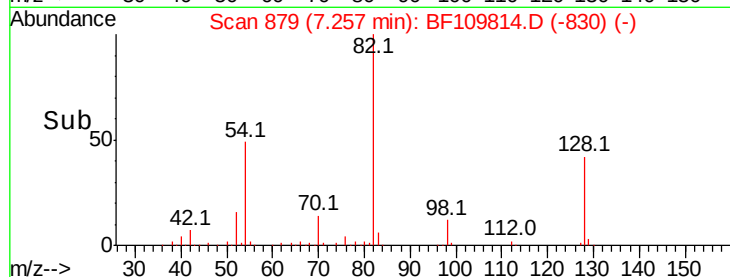
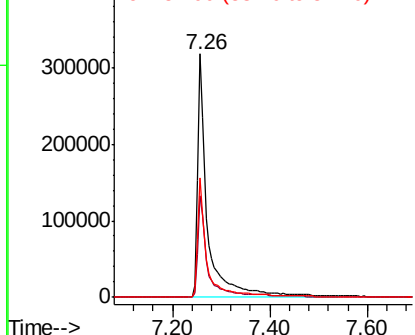
#23
 Nitrobenzene-d5
 Concen: 100.844 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-D-M

Tot Ion: 82 Resp: 466334
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.2 51.2
 54 48.9 38.6 58.0

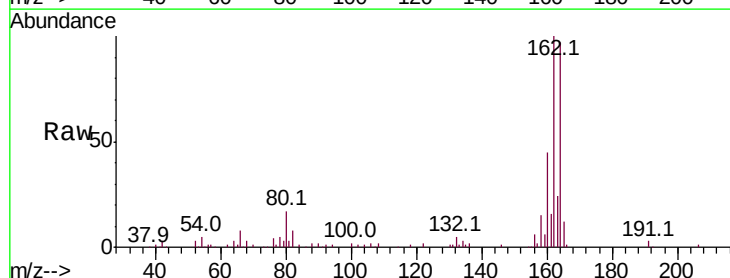


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

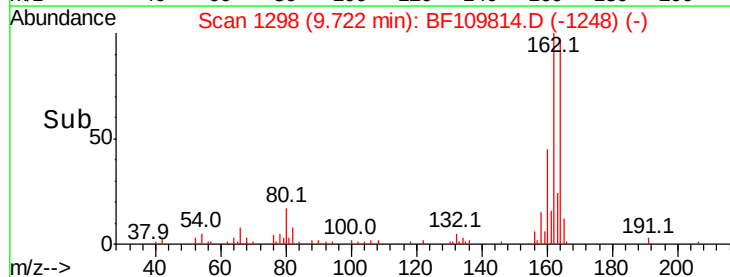
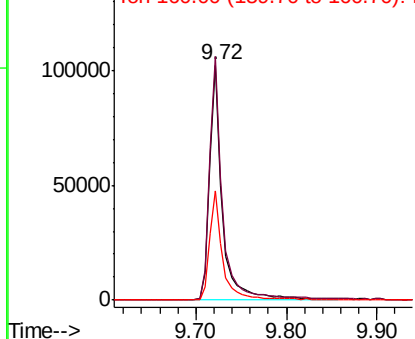


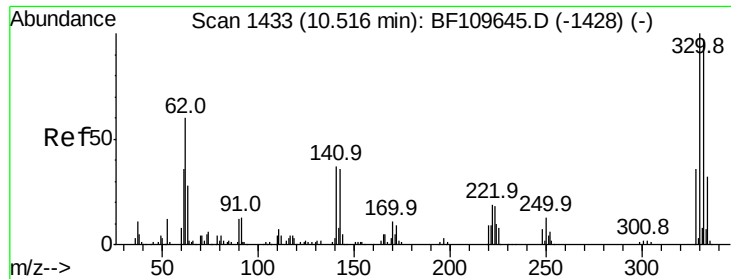
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

Tgt Ion: 164 Resp: 104150
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.0 124.6
 160 46.6 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

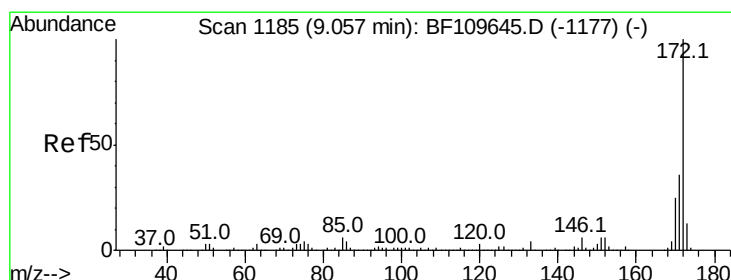
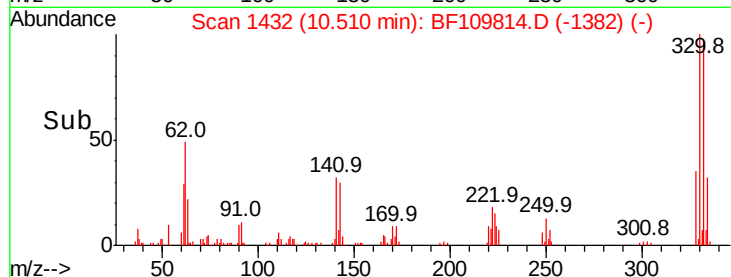
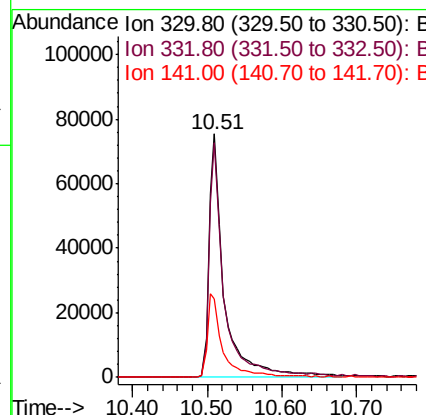
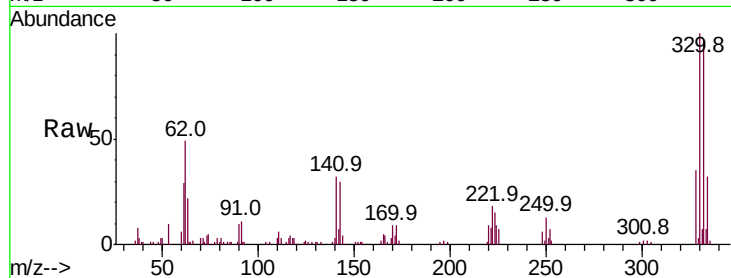




#41
 2,4,6-Tribromophenol
 Concen: 94.888 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

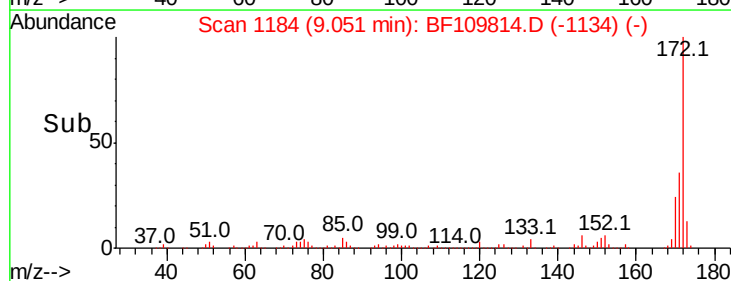
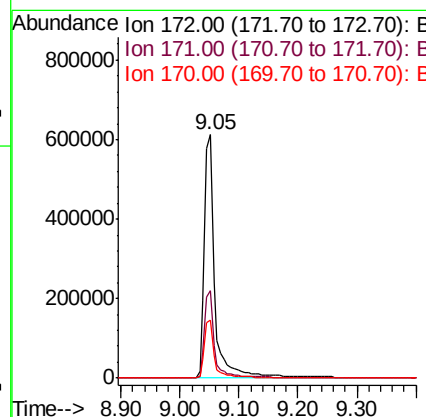
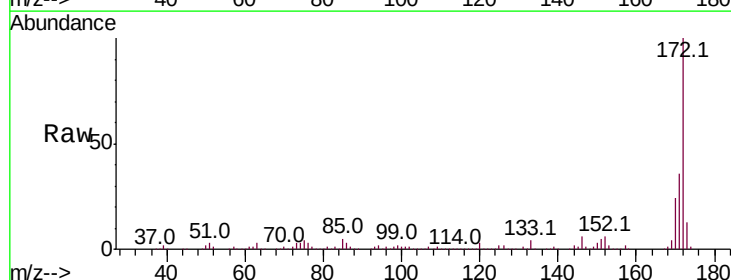
Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-D-M

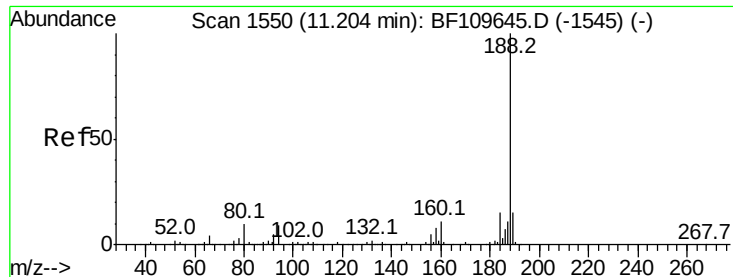
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.1	115.7
141	34.6	27.0	40.4



#44
 2-Fluorobiphenyl
 Concen: 99.705 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109814.D
 Acq: 12 Oct 2018 4:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.7	29.5

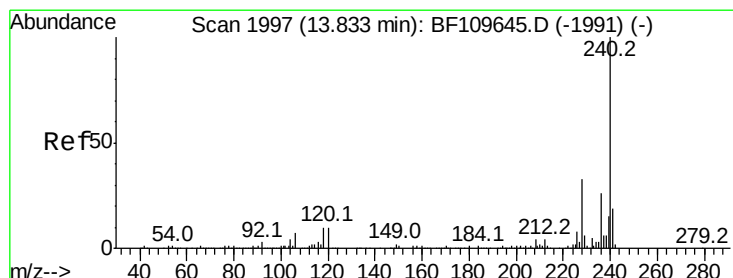
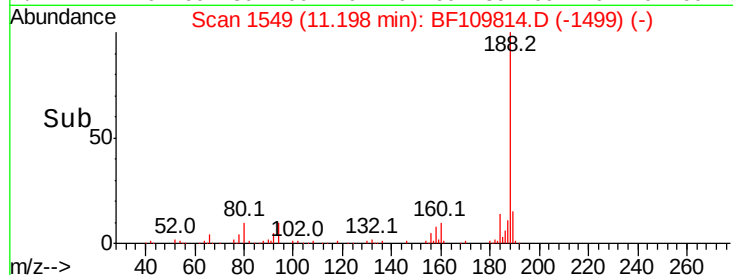
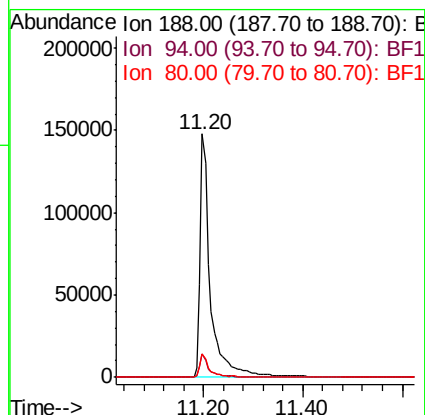
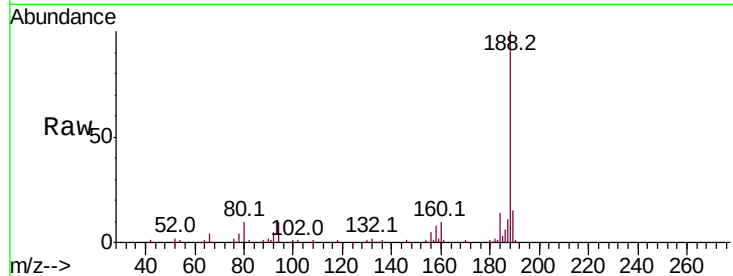




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

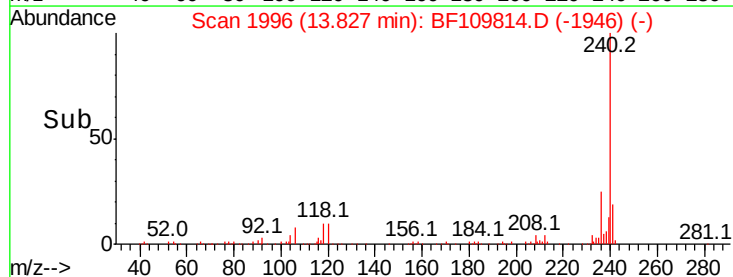
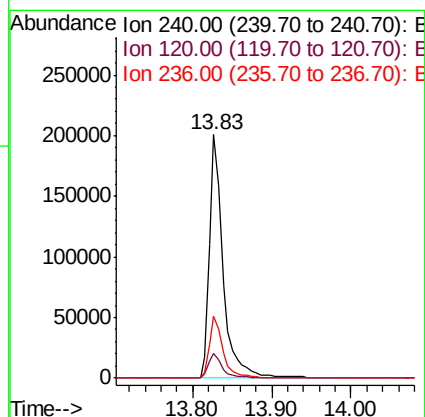
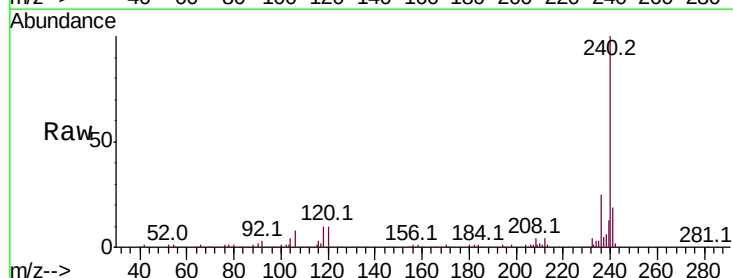
Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-D-M

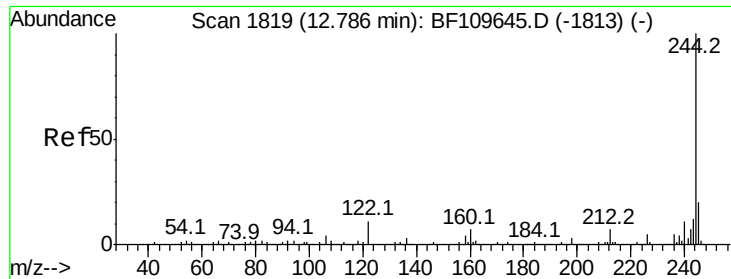
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.9	7.9	11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109814.D
Acq: 12 Oct 2018 4:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.2	21.2	31.8





#78

Terphenyl-d14

Concen: 72.122 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109814.D

Acq: 12 Oct 2018 4:47

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-D-M

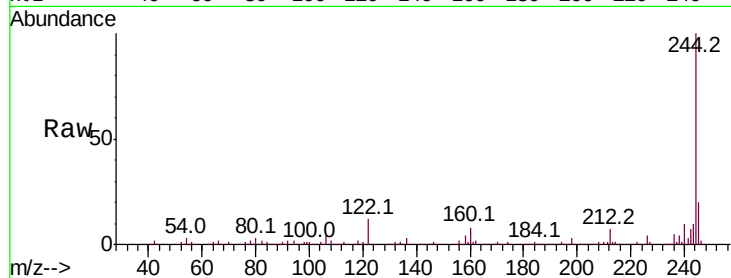
Tot Ion:244 Resp: 908694

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

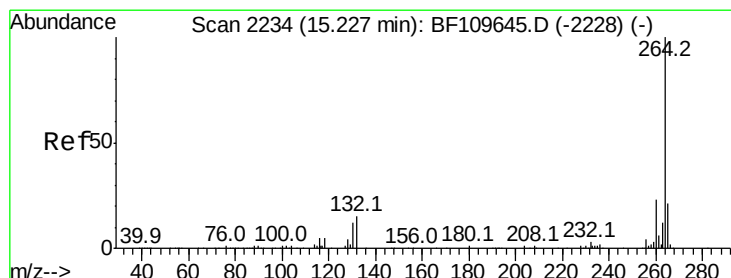
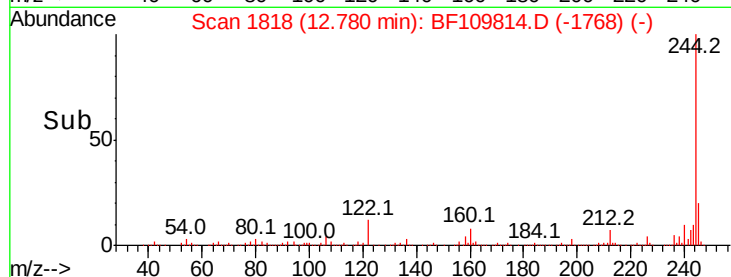
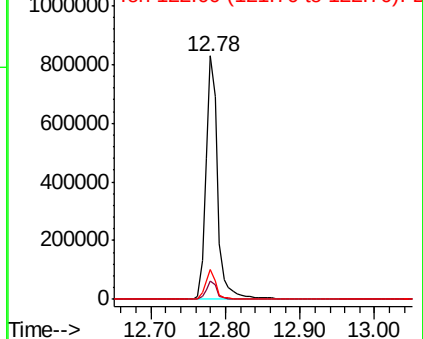
122 12.3 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109814.D

Acq: 12 Oct 2018 4:47

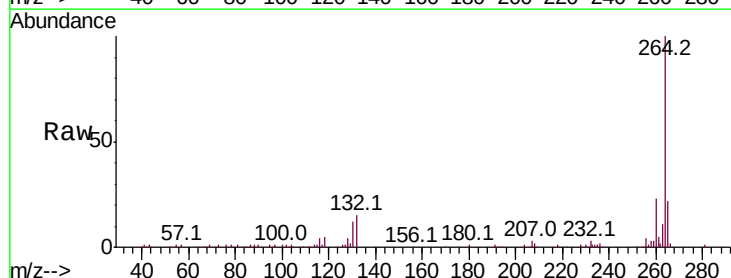
Tgt Ion:264 Resp: 159369

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 22.2 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

