

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098727.D
 Acq On : 23 Sep 2017 5:45
 Operator : SJ/JU
 Sample : I5339-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-573094

Quant Time: Sep 23 06:47:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

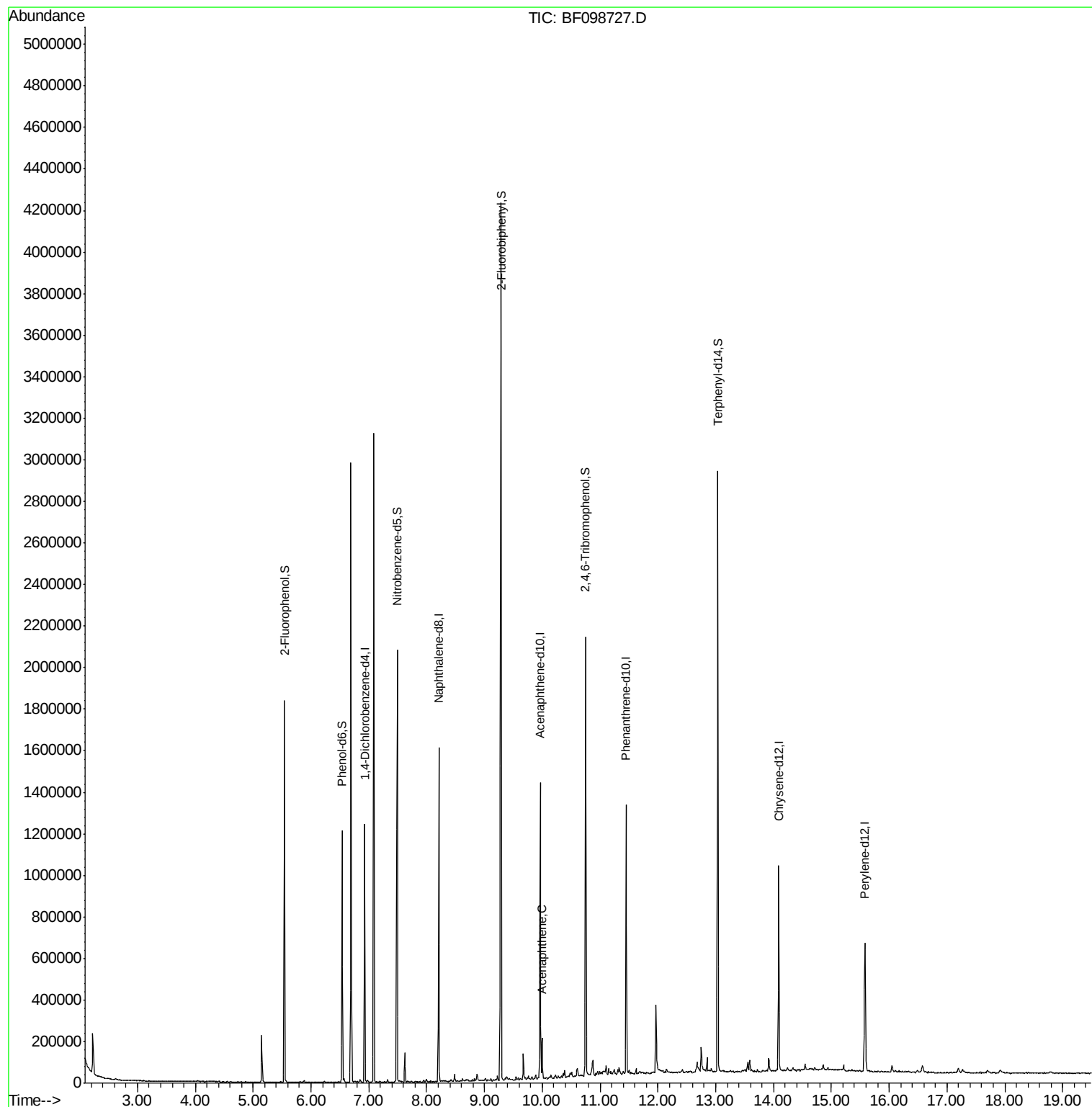
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	162676	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	646770	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	264257	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	386597	20.00	ng	0.00
75) Chrysene-d12	14.09	240	335629	20.00	ng	0.00
86) Perylene-d12	15.58	264	276873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	470514	43.92	ng	0.00
7) Phenol-d6	6.54	99	342718	26.42	ng	0.00
23) Nitrobenzene-d5	7.49	82	756756	79.37	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	248479	102.82	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1298146	78.17	ng	0.00
78) Terphenyl-d14	13.03	244	948919	60.71	ng	0.00
Target Compounds						
51) Acenaphthene	10.00	154	38397	2.362	ng	Qvalue 99

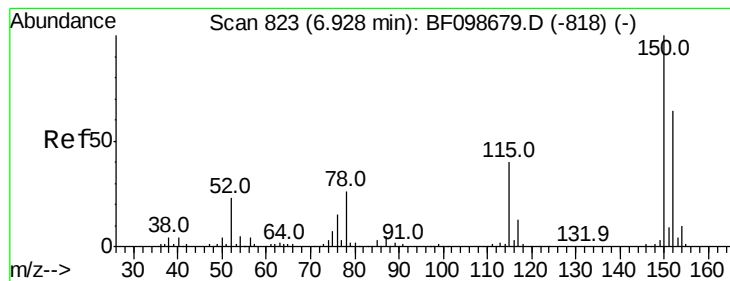
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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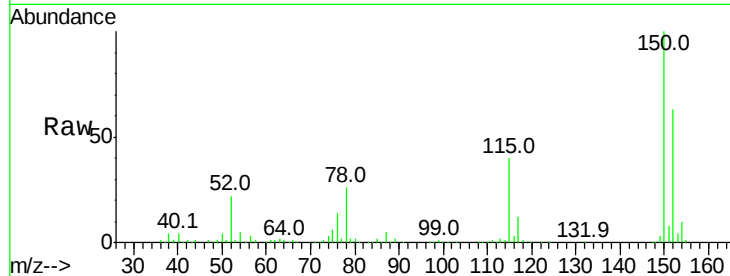


#1

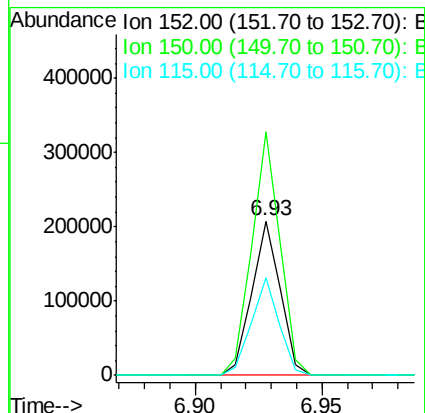
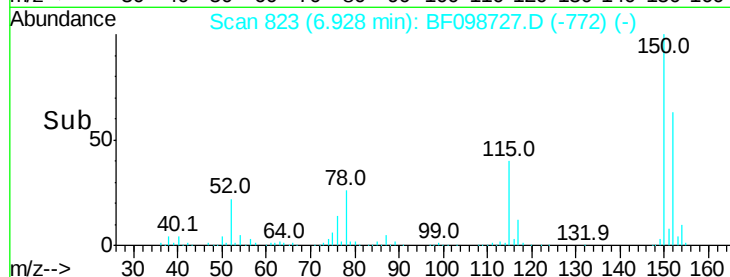
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098727.D
Acq: 23 Sep 2017 5:45

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-573094

Tot Ion:152 Resp: 162676
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 63.2 50.1 75.1



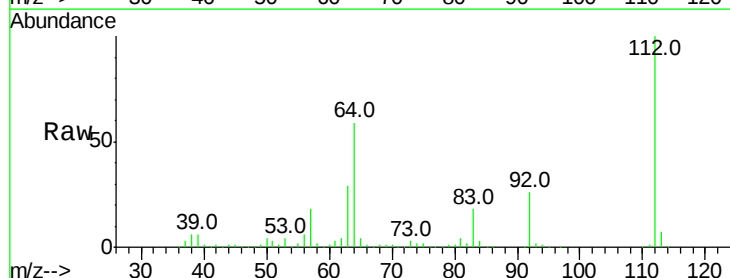
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



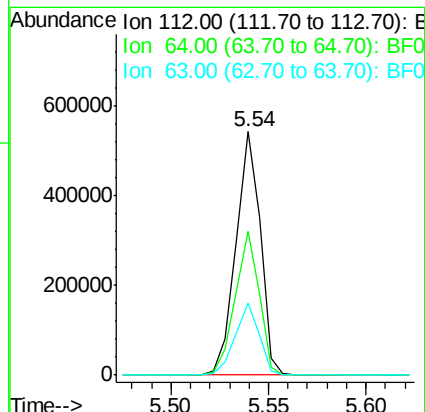
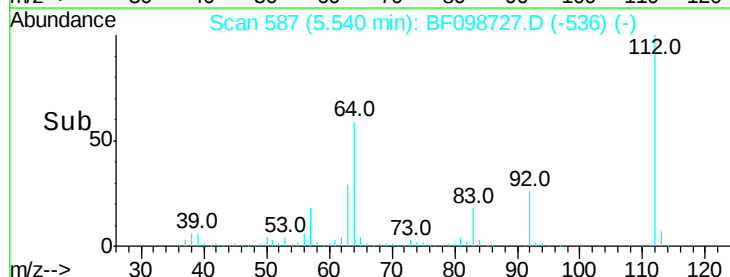
#5

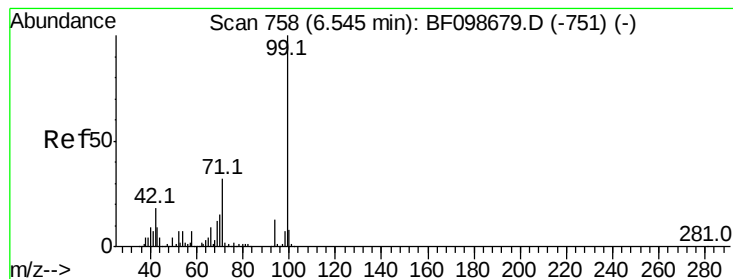
2-Fluorophenol
Concen: 43.921 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098727.D
Acq: 23 Sep 2017 5:45

Tgt Ion:112 Resp: 470514
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.419 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098727.D

Acq: 23 Sep 2017 5:45

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-573094

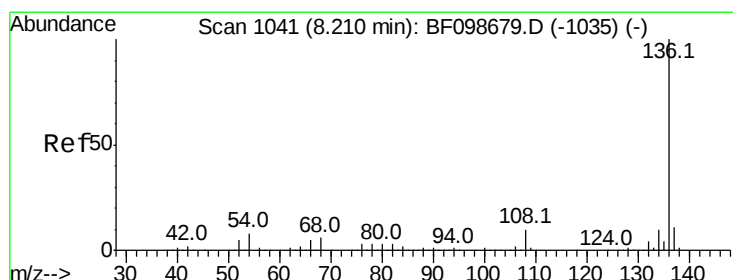
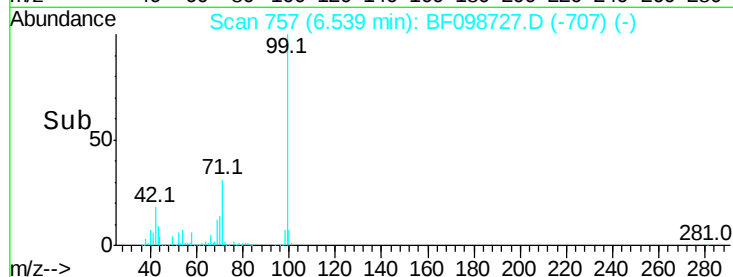
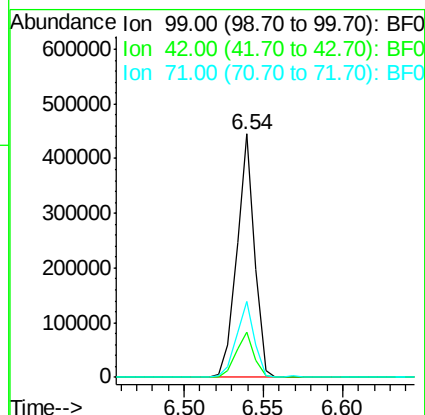
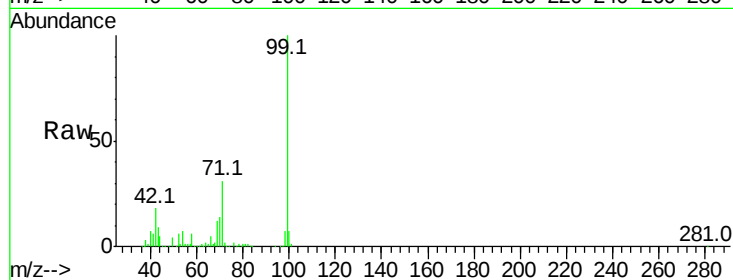
Tot Ion: 99 Resp: 342718

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 31.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098727.D

Acq: 23 Sep 2017 5:45

Tgt Ion: 136 Resp: 646770

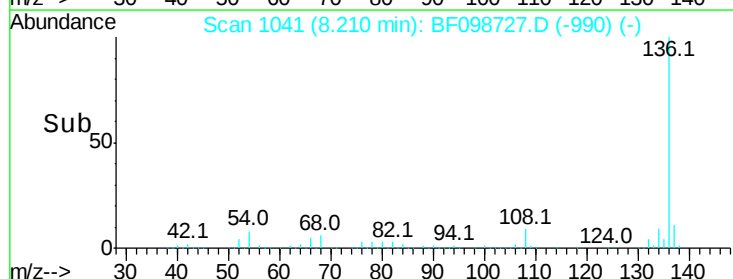
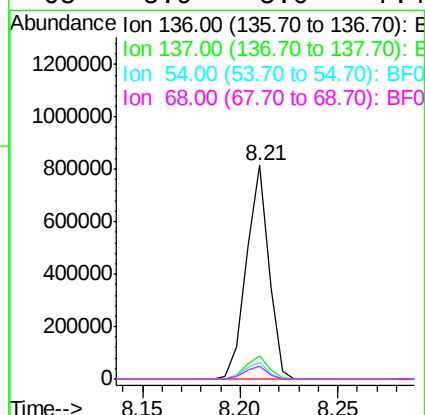
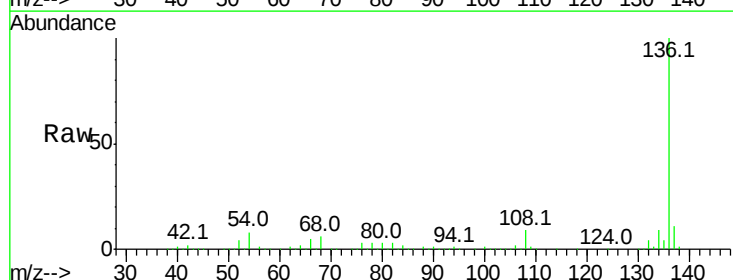
Ion Ratio Lower Upper

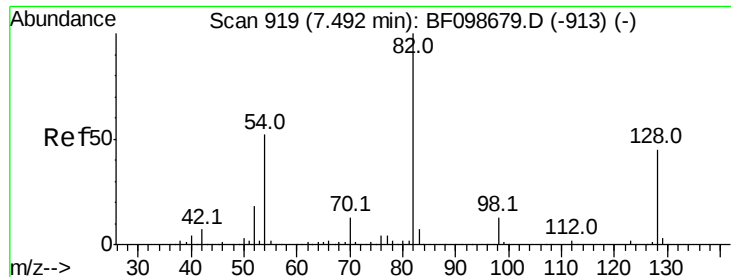
136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 5.9 5.0 7.4

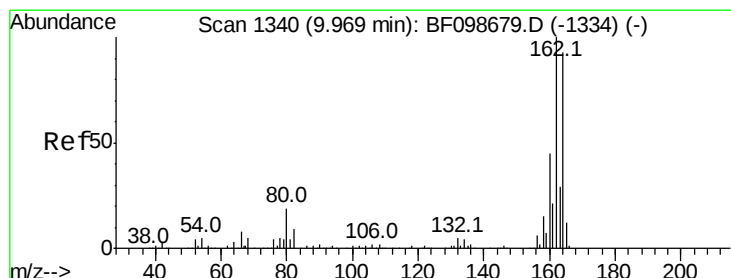
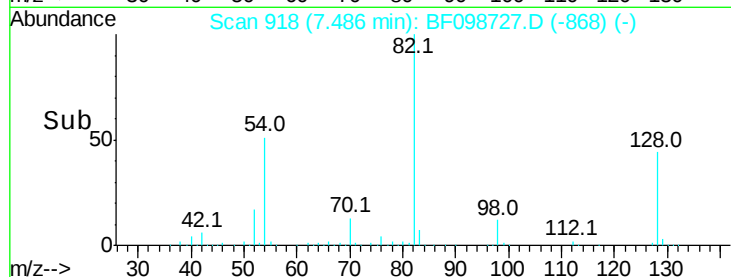
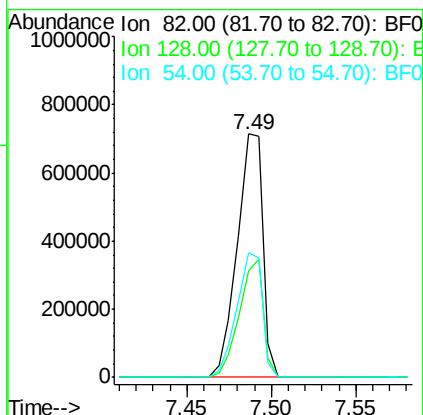
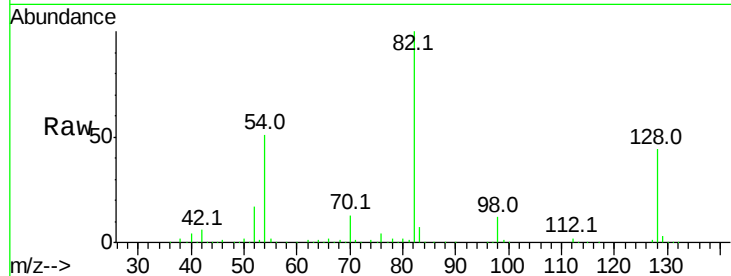




#23
Nitrobenzene-d5
Concen: 79.366 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF098727.D
Acq: 23 Sep 2017 5:45

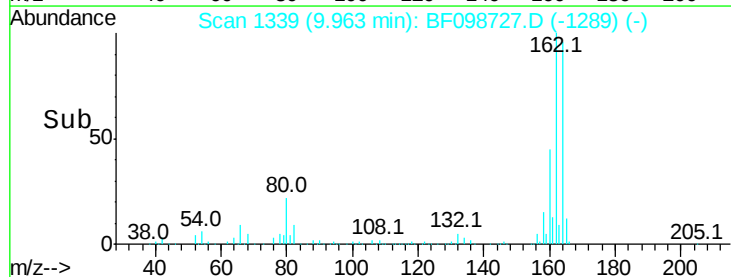
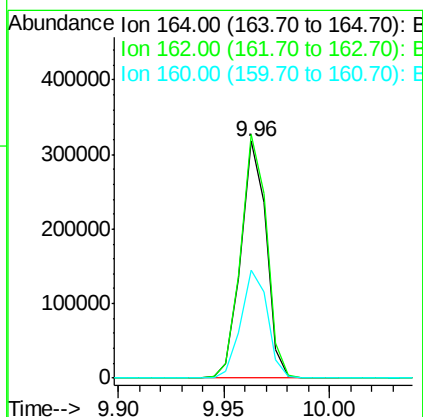
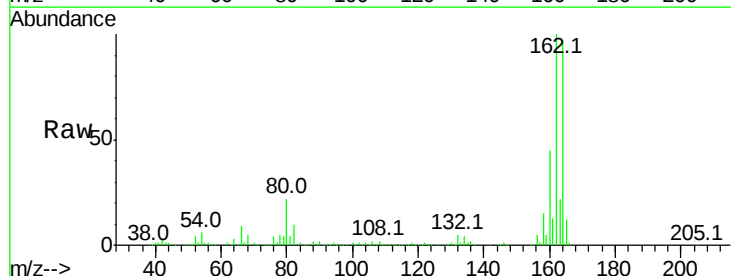
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-573094

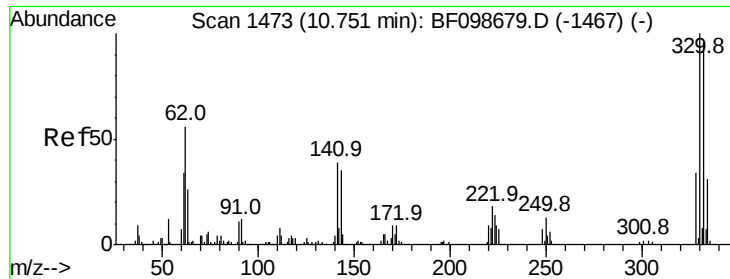
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	51.1	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF098727.D
Acq: 23 Sep 2017 5:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.7	38.3	57.5

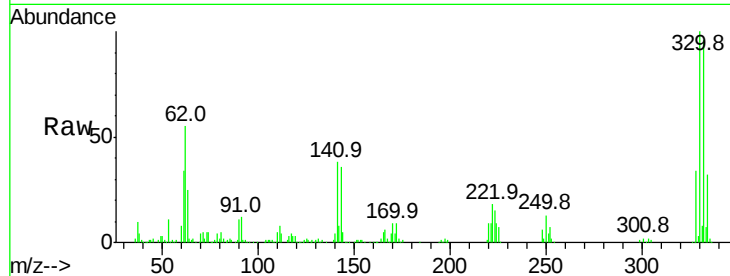




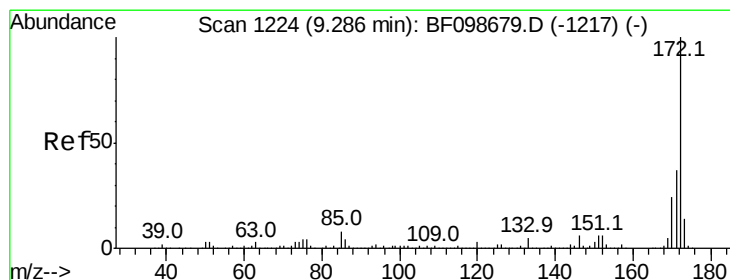
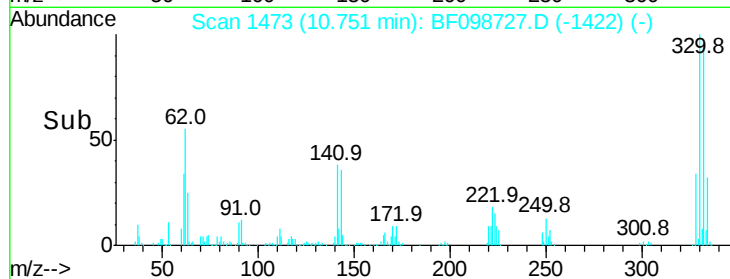
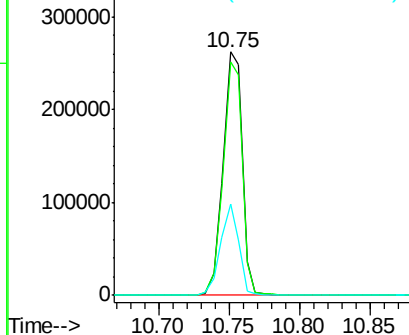
#41
 2,4,6-Tribromophenol
 Concen: 102.818 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098727.D
 Acq: 23 Sep 2017 5:45

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-573094

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	36.1	29.9	44.9

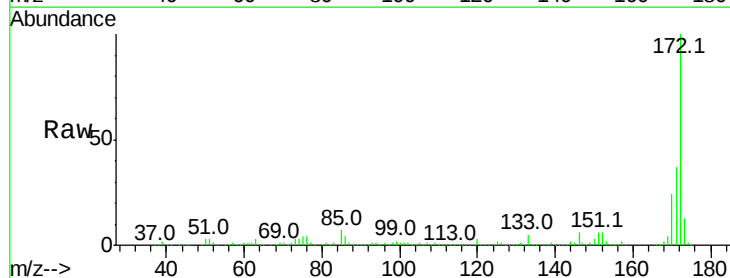


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

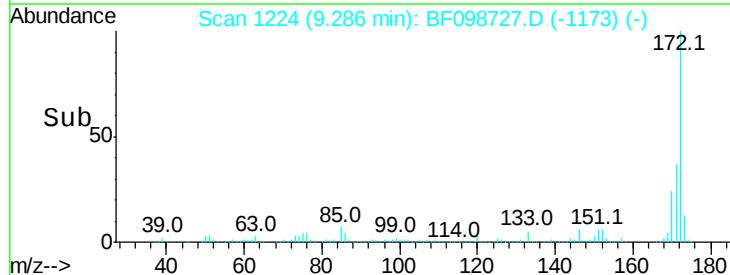
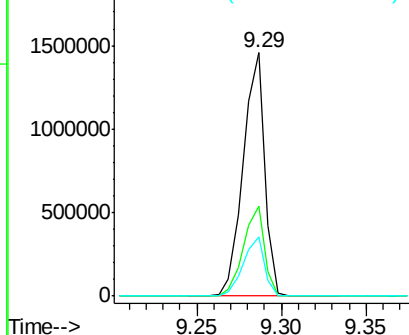


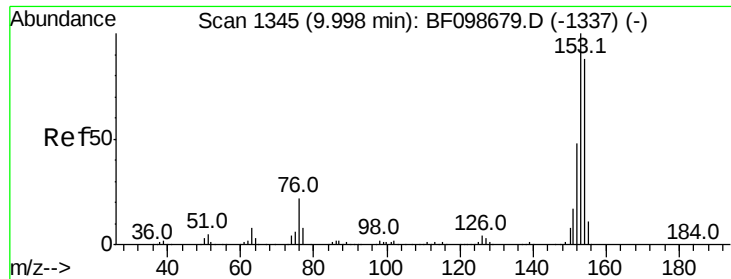
#44
 2-Fluorobiphenyl
 Concen: 78.171 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098727.D
 Acq: 23 Sep 2017 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.4	19.6	29.4



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





#51

Acenaphthene

Concen: 2.362 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF098727.D

Acq: 23 Sep 2017 5:45

Instrument :

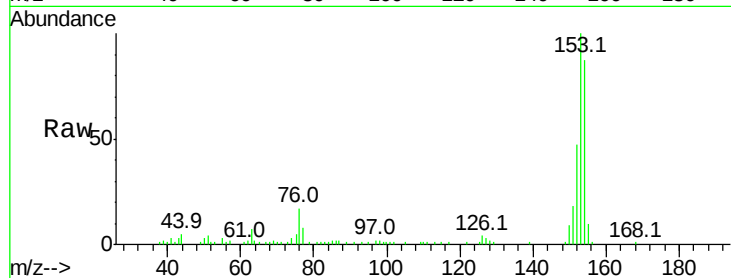
BNA_F

ClientSampleId :

FRAC-TANK-573094

Tot Ion:154 Resp: 38397

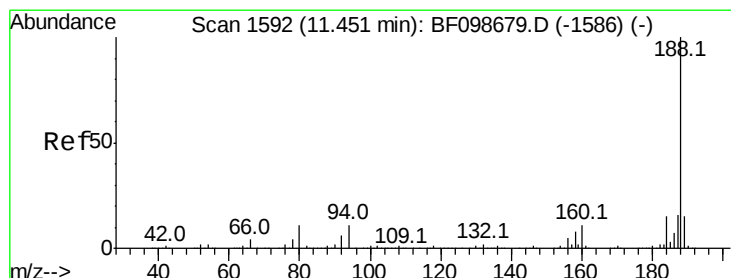
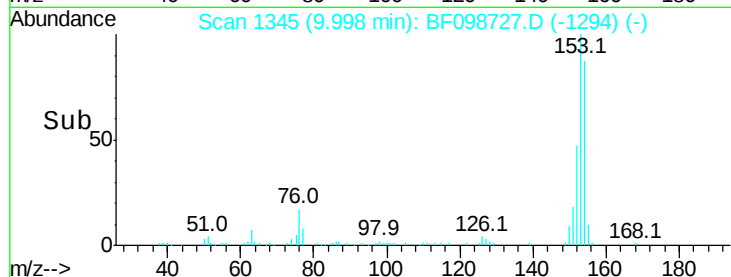
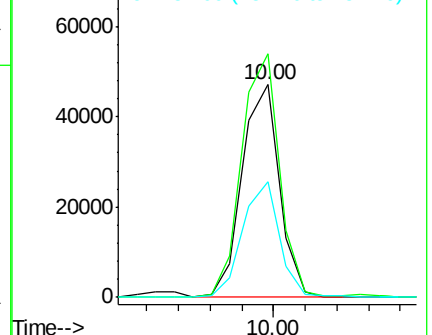
Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.2	136.8
152	54.2	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

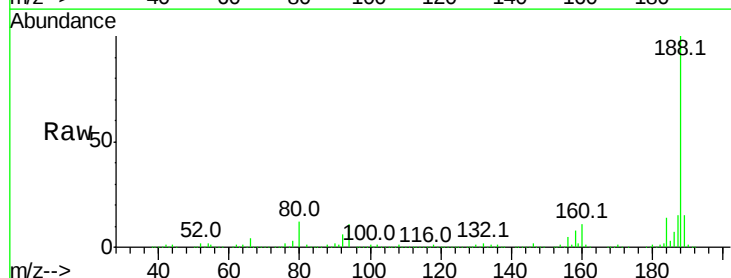
Delta R.T. -0.00 min

Lab File: BF098727.D

Acq: 23 Sep 2017 5:45

Tgt Ion:188 Resp: 386597

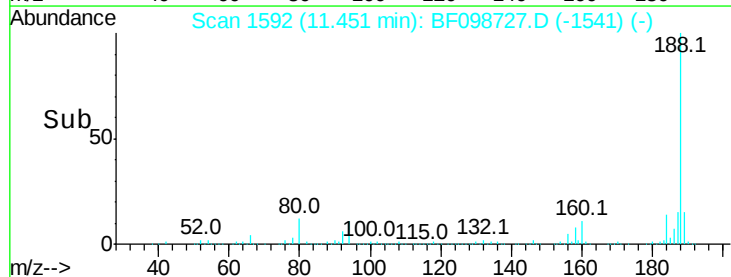
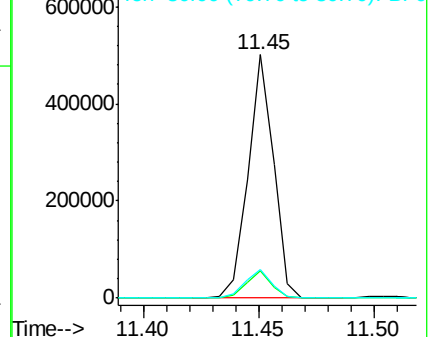
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.0	9.2	13.8

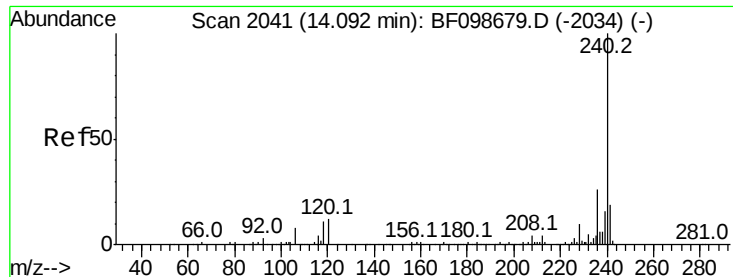


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098727.D

Acq: 23 Sep 2017 5:45

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-573094

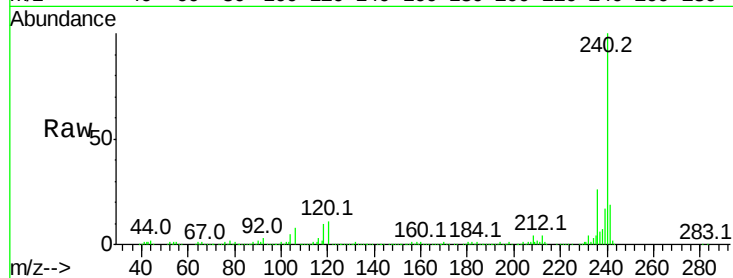
Tot Ion:240 Resp: 335629

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

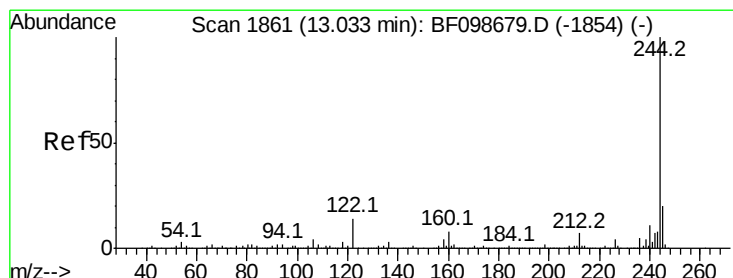
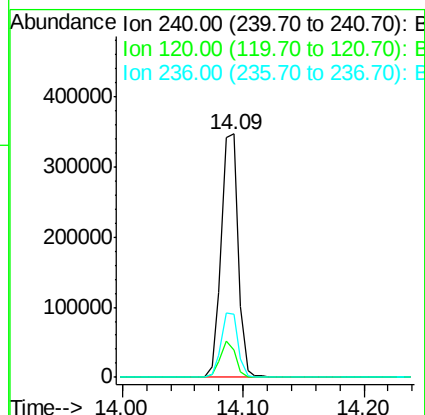
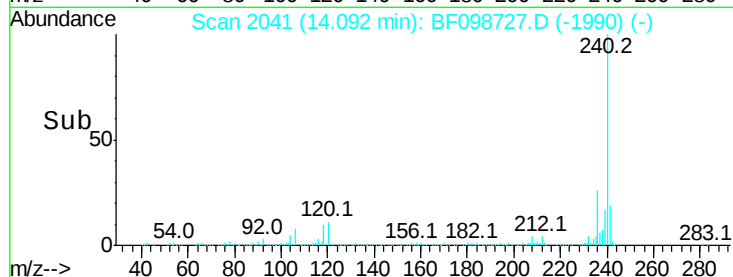
236 25.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 60.708 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098727.D

Acq: 23 Sep 2017 5:45

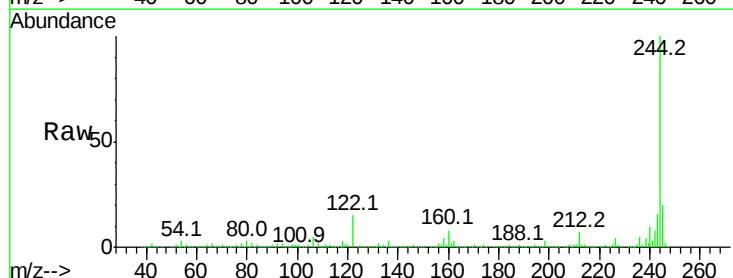
Tgt Ion:244 Resp: 948919

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

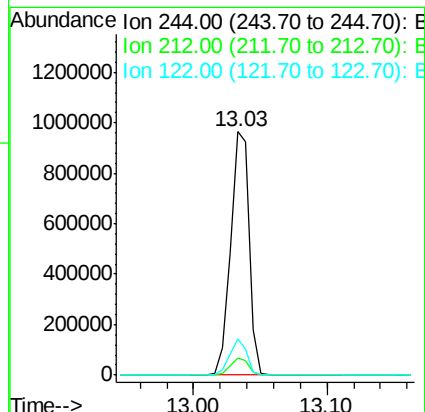
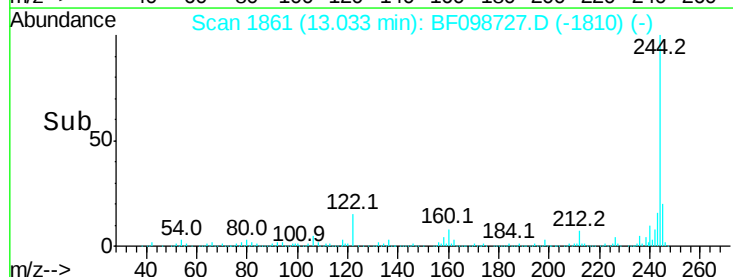
122 15.1 11.0 16.4

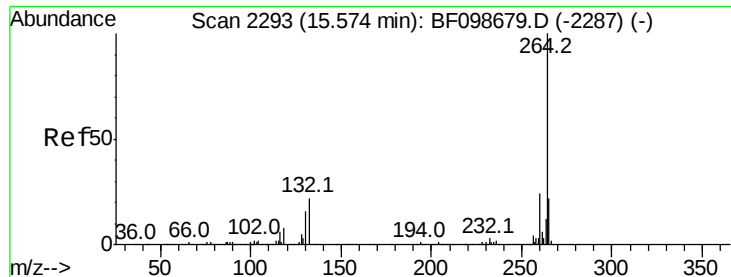


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098727.D
Acq: 23 Sep 2017 5:45

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-573094

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.3	17.5	26.3

