

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089884.D
 Acq On : 24 Aug 2016 19:34
 Operator : UM/SJ
 Sample : H4577-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB01-081816

Quant Time: Aug 25 14:00:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	397033	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1748802	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	829949	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1461424	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1136128	20.00	ng	-0.06
86) Perylene-d12	15.25	264	866193	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1465374	63.29	ng	-0.02
7) Phenol-d6	6.30	99	1228574	43.23	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2181962	77.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	905013	114.74	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4220223	89.37	ng	-0.01
78) Terphenyl-d14	12.78	244	3744929	74.57	ng	-0.01

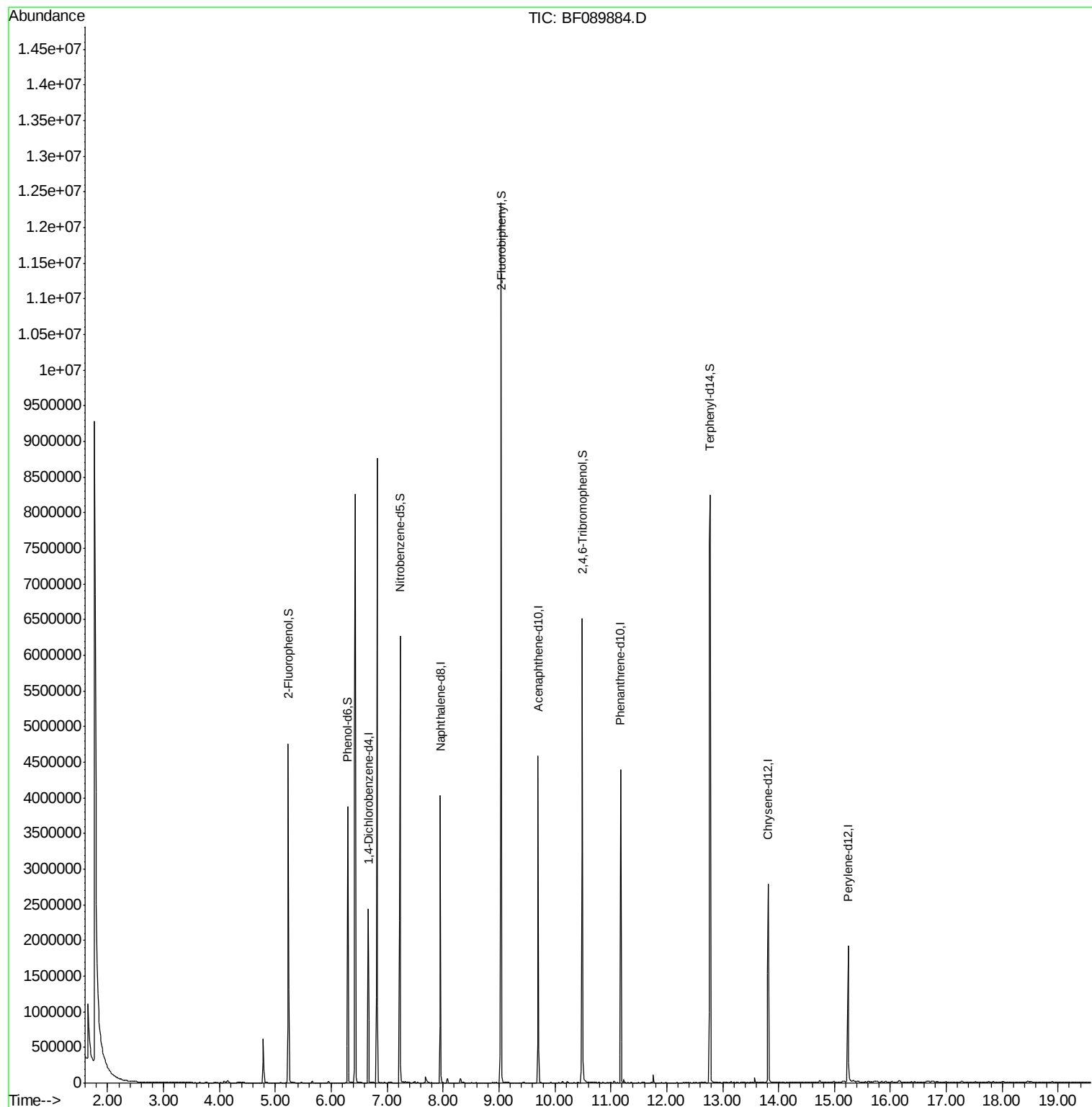
Target Compounds Qvalue

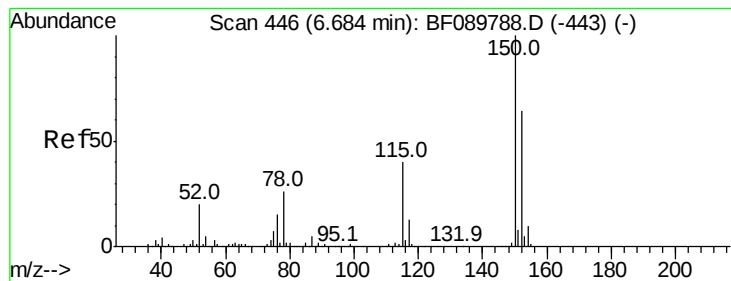
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089884.D
Acq On : 24 Aug 2016 19:34
Operator : UM/SJ
Sample : H4577-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB01-081816

Quant Time: Aug 25 14:00:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089884.D

Acq: 24 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

EB01-081816

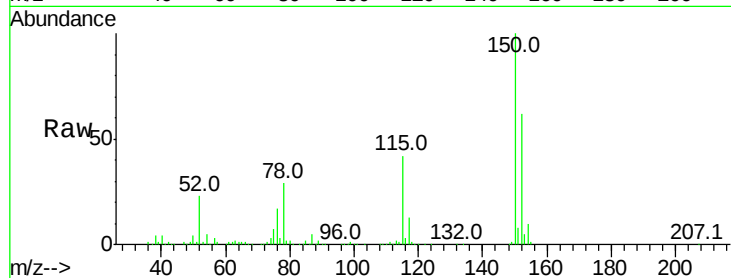
Tot Ion:152 Resp: 397033

Ion Ratio Lower Upper

152 100

150 160.2 125.3 187.9

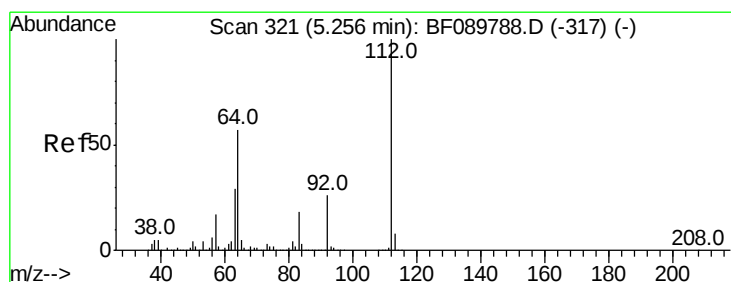
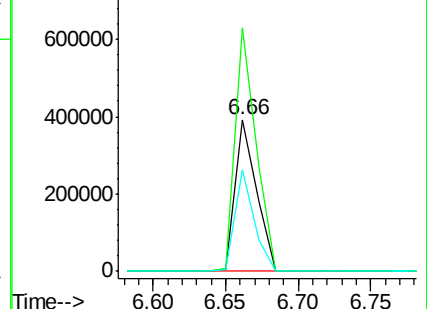
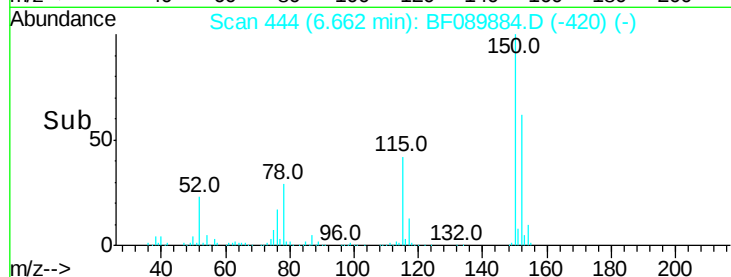
115 66.5 40.9 61.3#



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: 63.29 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.02 min

Lab File: BF089884.D

Acq: 24 Aug 2016 19:34

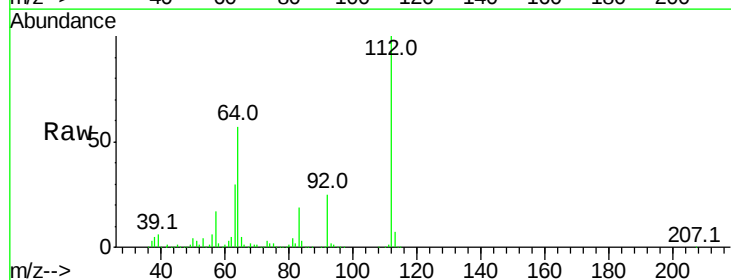
Tgt Ion:112 Resp: 1465374

Ion Ratio Lower Upper

112 100

64 57.3 45.0 67.4

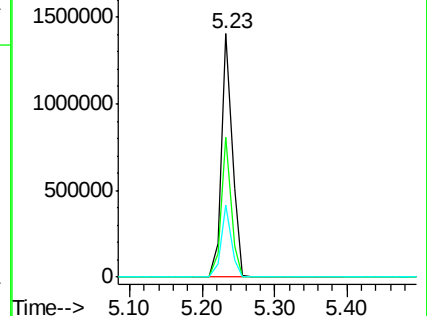
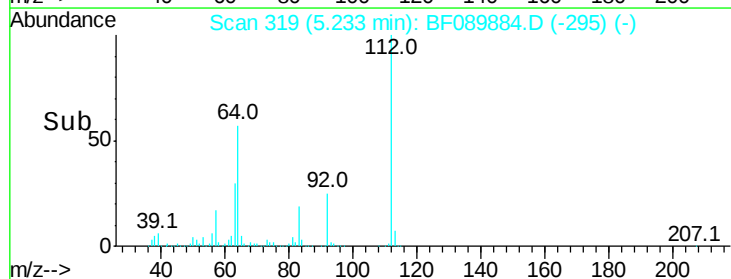
63 29.9 23.1 34.7

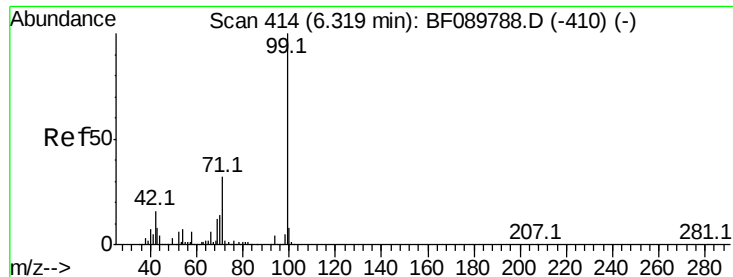


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.23 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089884.D

Acq: 24 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

EB01-081816

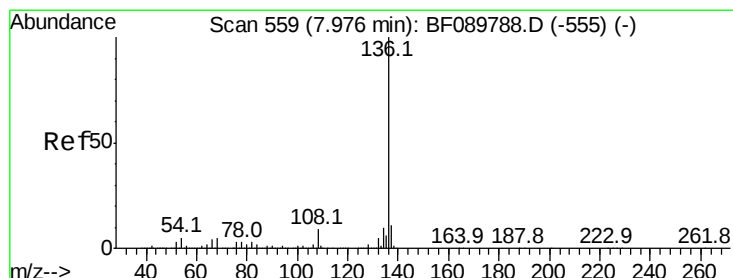
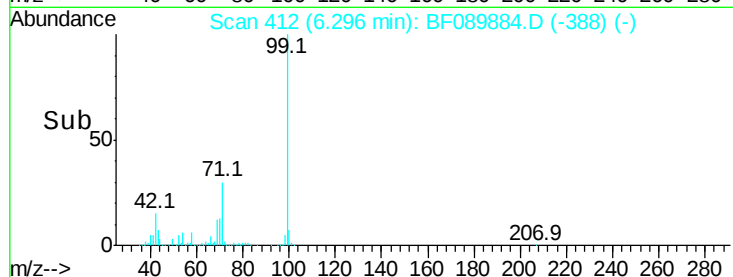
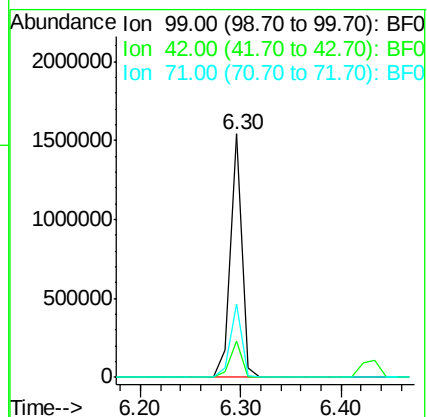
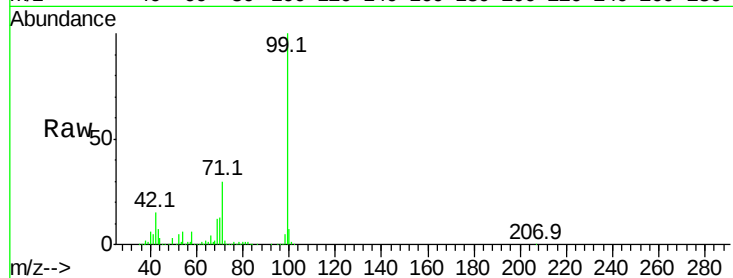
Tot Ion: 99 Resp: 1228574

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.4

71 30.0 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089884.D

Acq: 24 Aug 2016 19:34

Tgt Ion: 136 Resp: 1748802

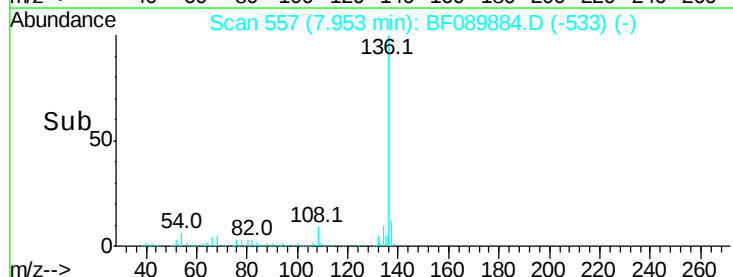
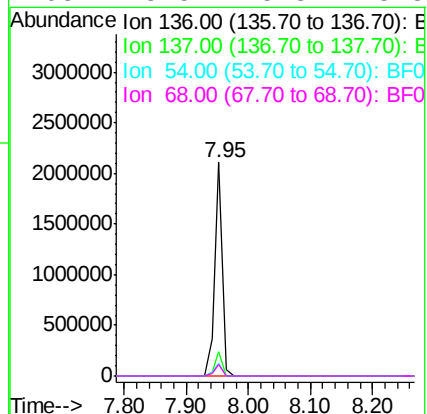
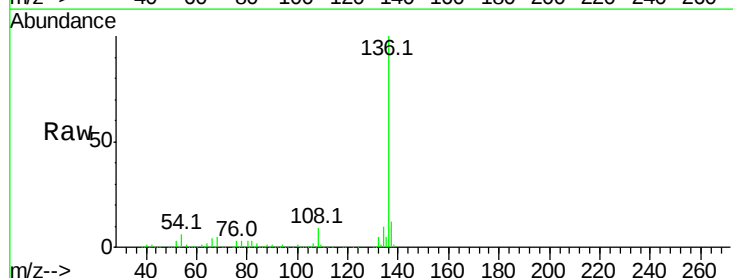
Ion Ratio Lower Upper

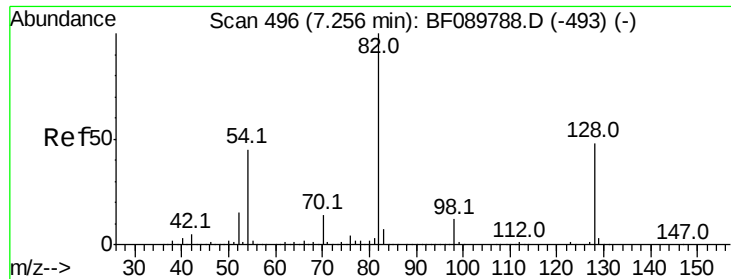
136 100

137 11.7 9.2 13.8

54 5.9 7.2 10.8#

68 5.5 5.8 8.8#

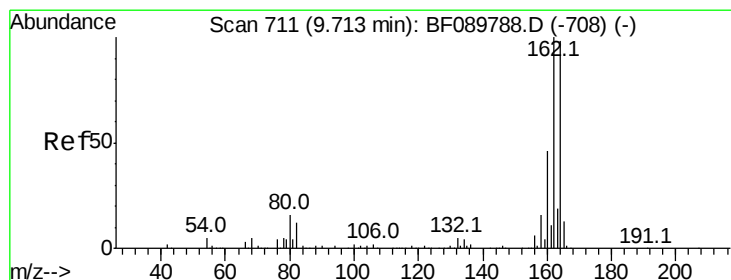
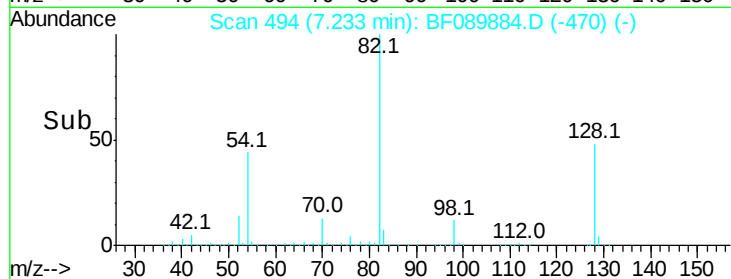
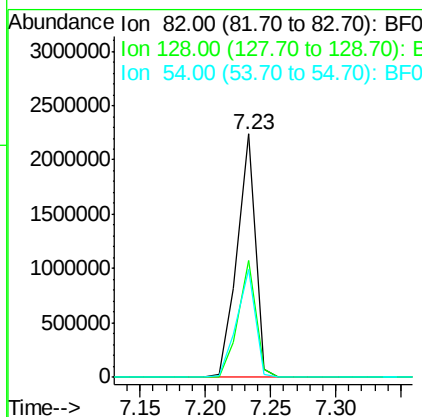
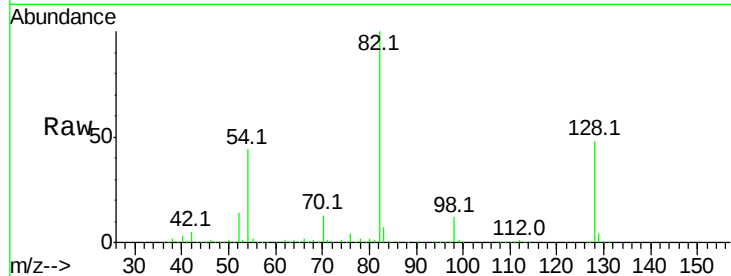




#23
 Nitrobenzene-d5
 Concen: 77.51 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089884.D
 Acq: 24 Aug 2016 19:34

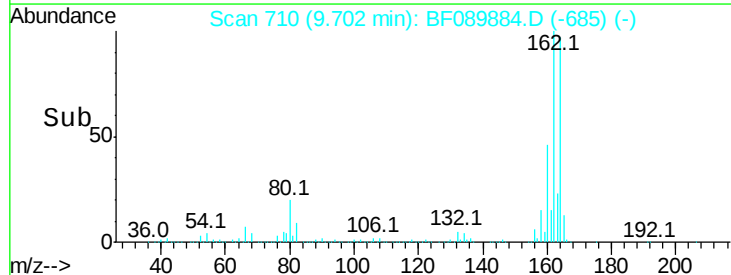
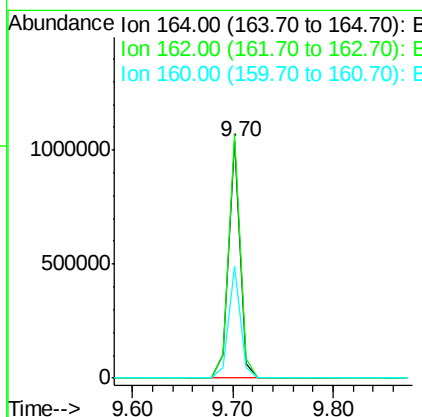
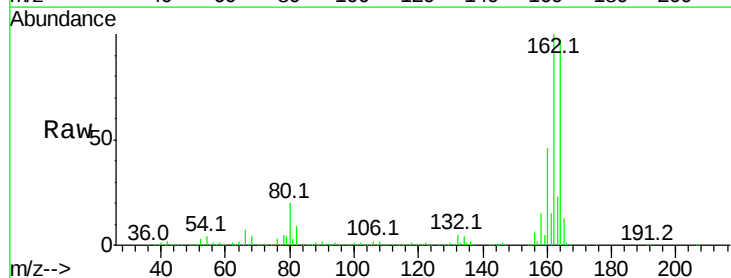
Instrument :
 BNA_F
 ClientSampleId :
 EB01-081816

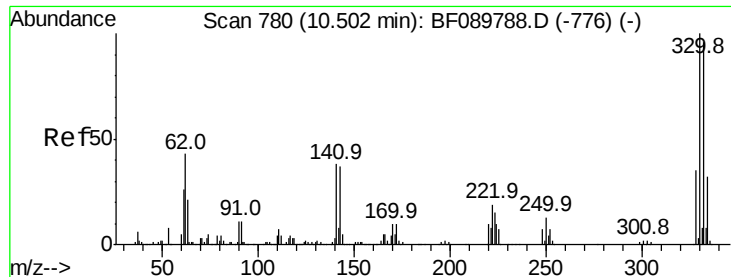
Tot Ion	82	Resp	2181962
Ion Ratio	100		
Lower	34.4		
Upper	51.6		
54	44.1	40.3	60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089884.D
 Acq: 24 Aug 2016 19:34

Tgt Ion	164	Resp	829949
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	81.4		
Upper	122.2		
162	102.8	37.8	56.6

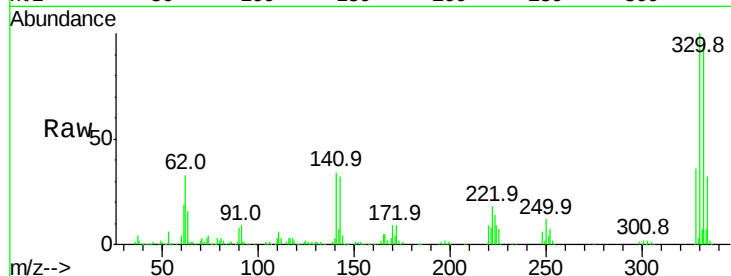




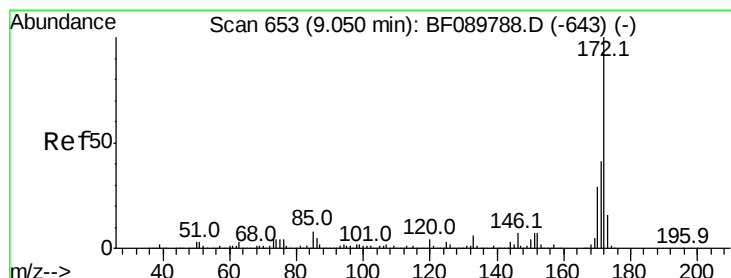
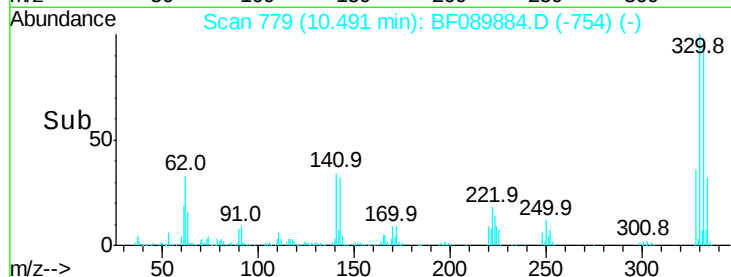
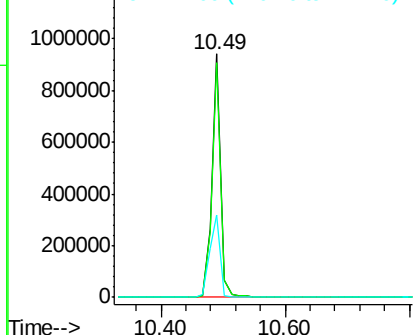
#41
 2,4,6-Tribromophenol
 Concen: 114.74 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089884.D
 Acq: 24 Aug 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 EB01-081816

Tot Ion:330 Resp: 905013
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 40.6 30.2 45.2

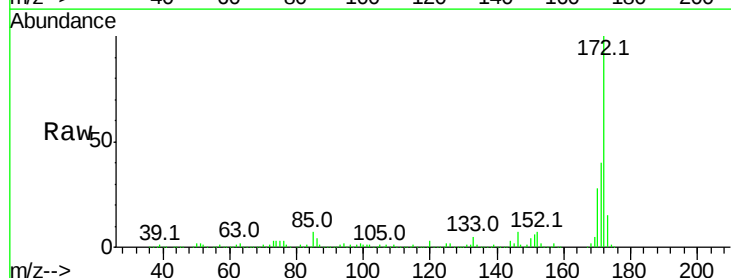


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

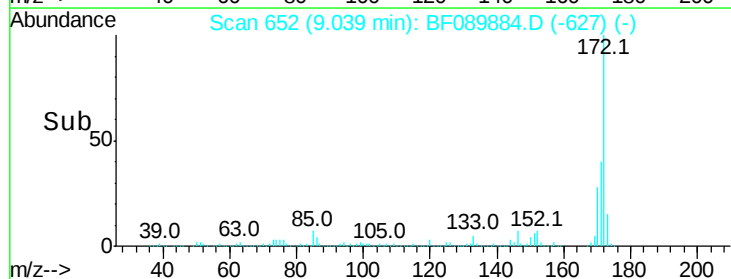
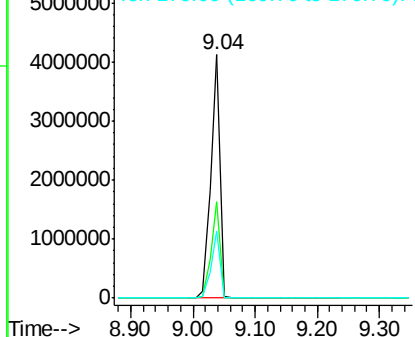


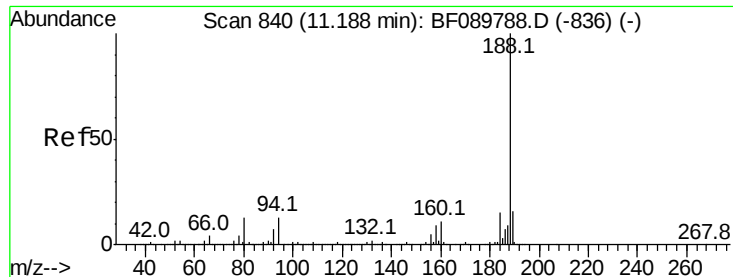
#44
 2-Fluorobiphenyl
 Concen: 89.37 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089884.D
 Acq: 24 Aug 2016 19:34

Tgt Ion:172 Resp: 4220223
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.5 45.7
 170 27.6 20.6 31.0



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

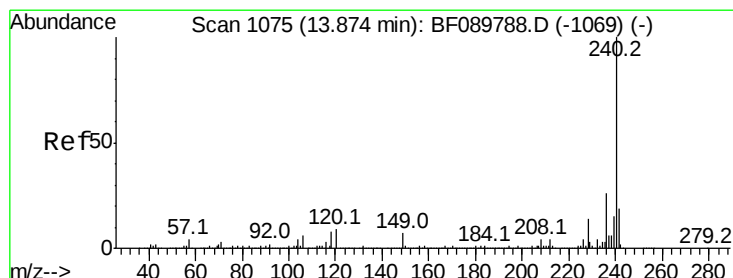
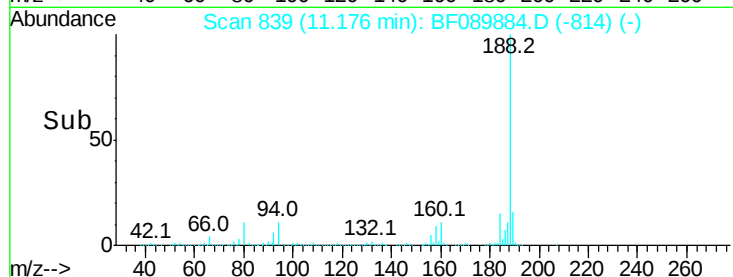
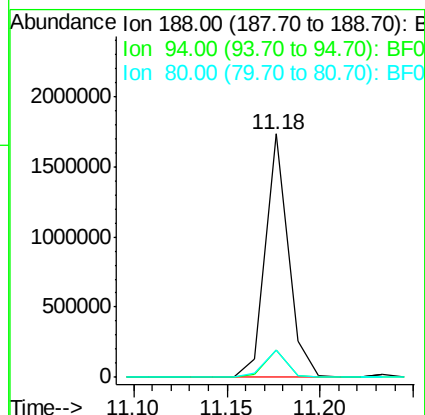
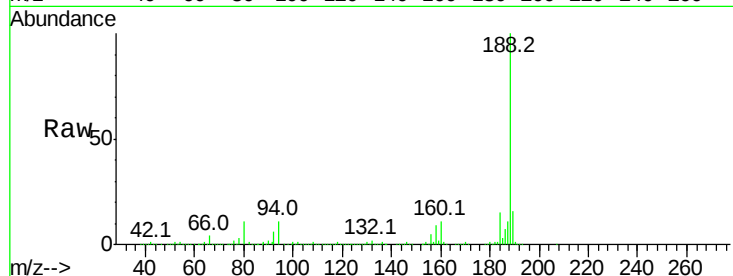




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

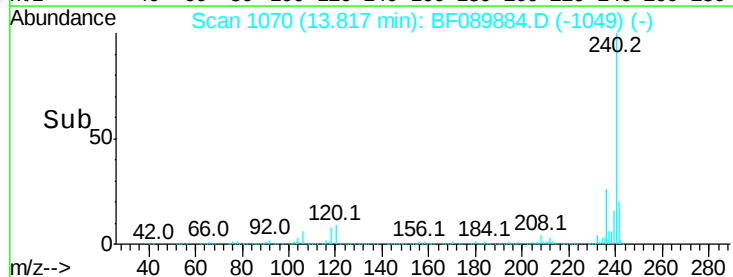
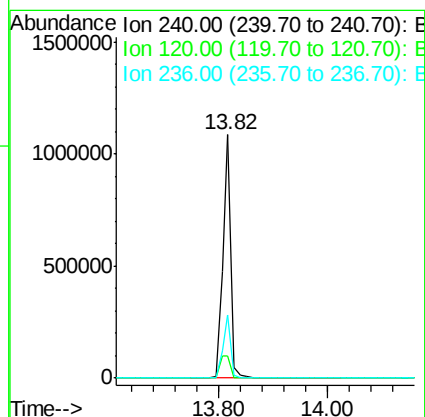
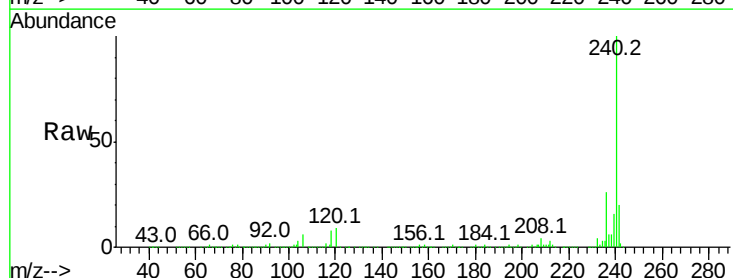
Instrument :
BNA_F
ClientSampleId :
EB01-081816

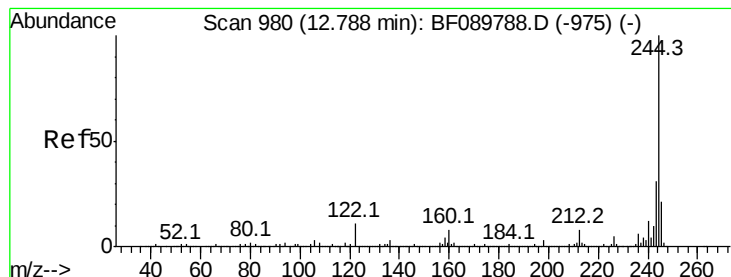
Tot Ion:188 Resp: 1461424
Ion Ratio Lower Upper
188 100
94 11.3 10.2 15.2
80 11.2 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.06 min
Lab File: BF089884.D
Acq: 24 Aug 2016 19:34

Tgt Ion:240 Resp: 1136128
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 26.1 21.3 31.9





#78

Terphenyl-d14

Concen: 74.57 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089884.D

Acq: 24 Aug 2016 19:34

Instrument :

BNA_F

ClientSampleId :

EB01-081816

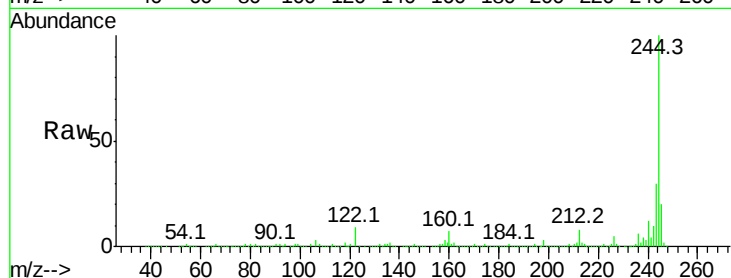
Tot Ion:244 Resp: 3744929

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

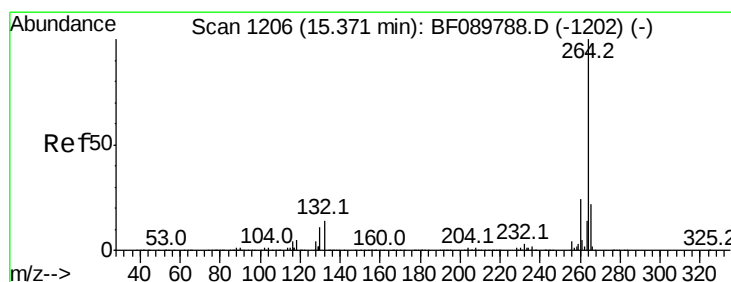
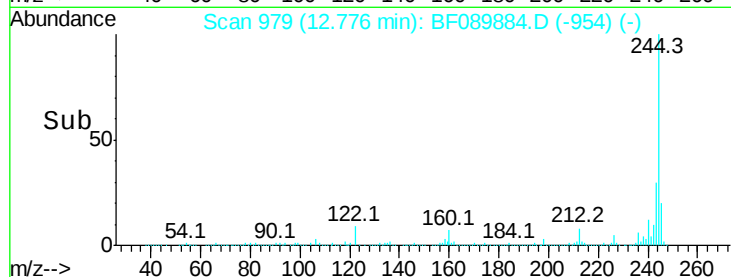
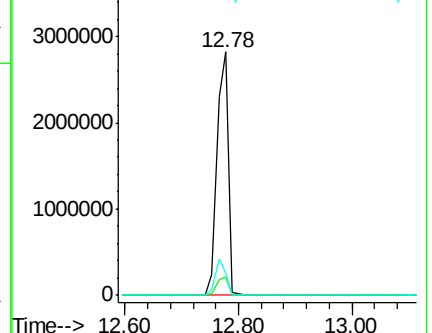
122 9.1 12.0 18.0#



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: 20.00 ng

RT: 15.25 min Scan# 1195

Delta R.T. -0.13 min

Lab File: BF089884.D

Acq: 24 Aug 2016 19:34

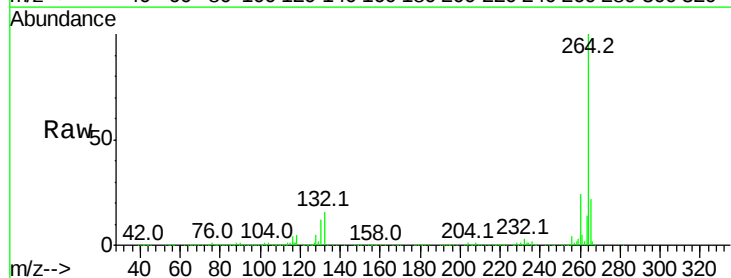
Tgt Ion:264 Resp: 866193

Ion Ratio Lower Upper

264 100

260 23.6 20.2 30.2

265 21.6 17.4 26.2



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

