

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089881.D
 Acq On : 24 Aug 2016 18:14
 Operator : UM/SJ
 Sample : PB93077BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BL

Quant Time: Aug 25 13:56:35 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	406365	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1804254	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	830899	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1371087	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	1085630	20.00	ng	-0.03
86) Perylene-d12	15.31	264	826061	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3038998	128.25	ng	-0.01
7) Phenol-d6	6.31	99	3663681	125.95	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2224344	76.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	792007	100.30	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4237423	89.63	ng	-0.01
78) Terphenyl-d14	12.78	244	3367171	70.17	ng	-0.01

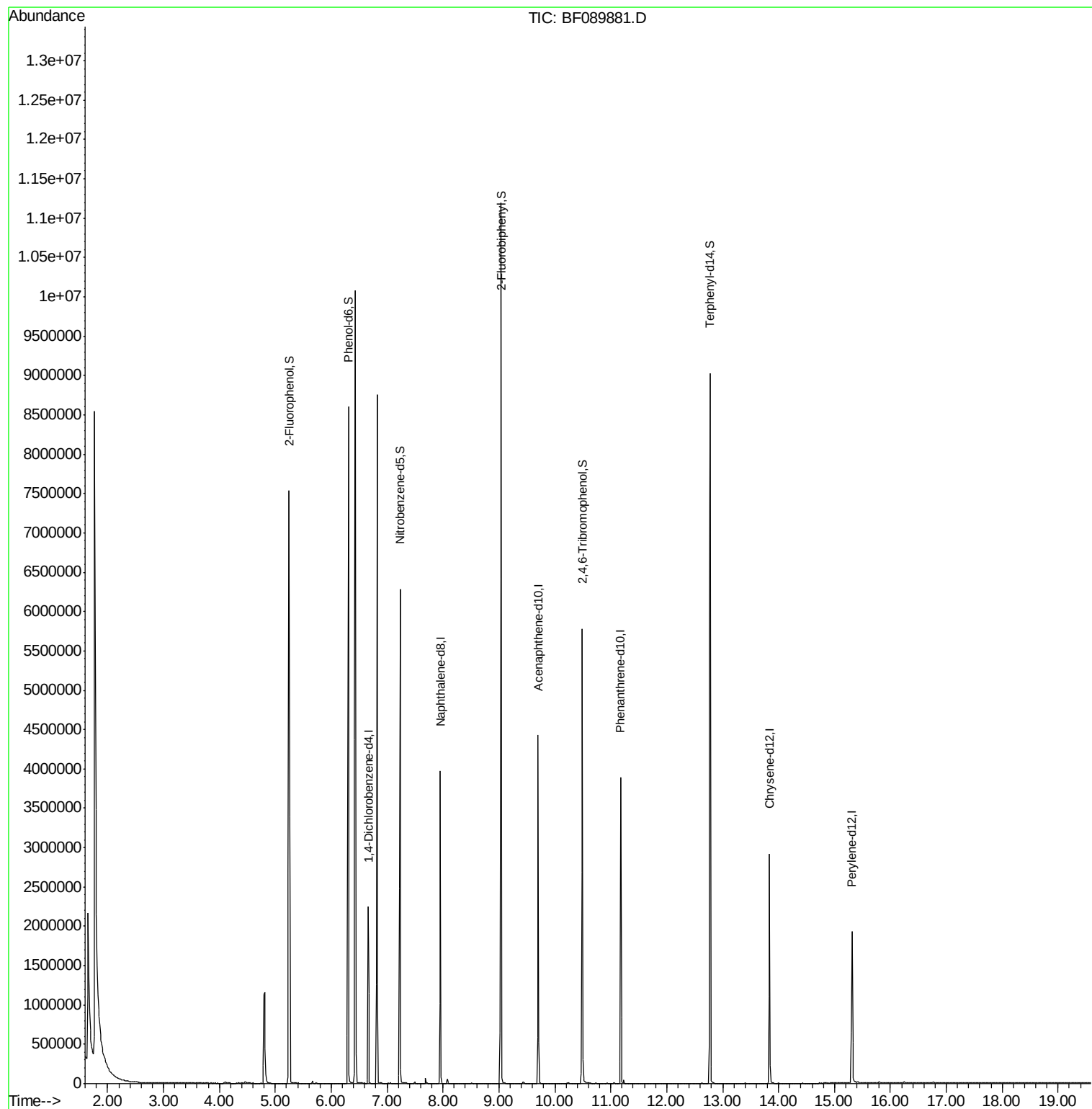
Target Compounds Qvalue

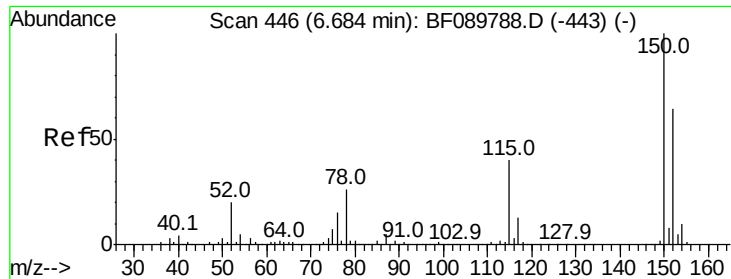
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089881.D

Acq: 24 Aug 2016 18:14

Instrument :

BNA_F

ClientSampleId :

PB93077BL

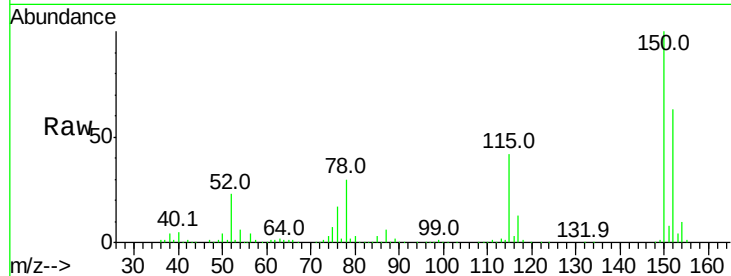
Tot Ion:152 Resp: 406365

Ion Ratio Lower Upper

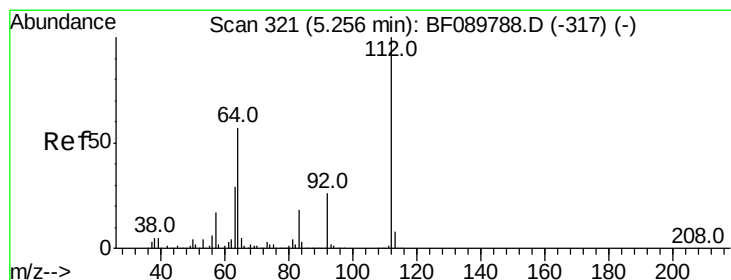
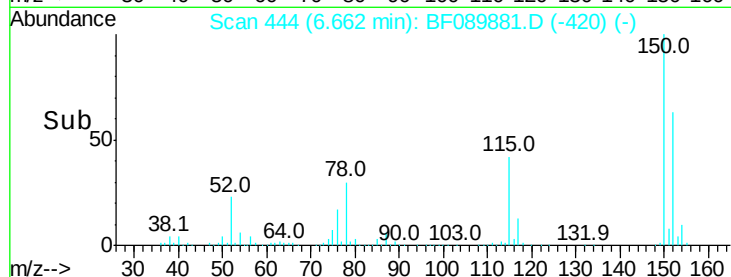
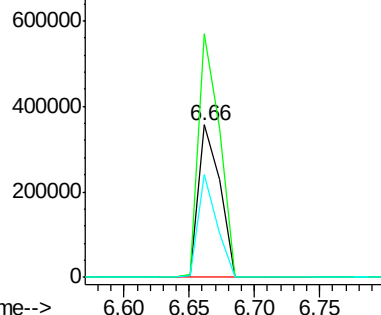
152 100

150 159.9 125.3 187.9

115 67.9 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: 128.25 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089881.D

Acq: 24 Aug 2016 18:14

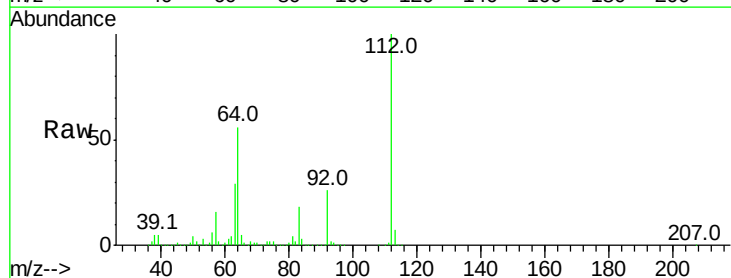
Tgt Ion:112 Resp: 3038998

Ion Ratio Lower Upper

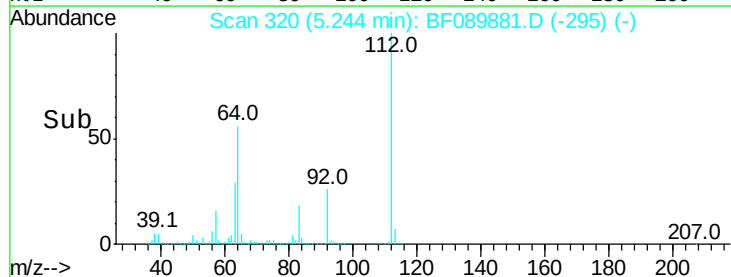
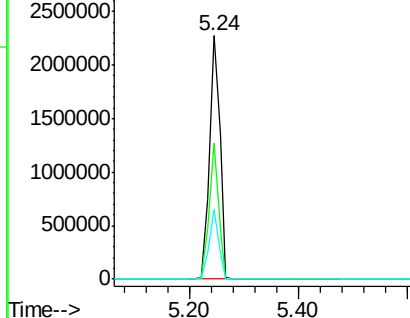
112 100

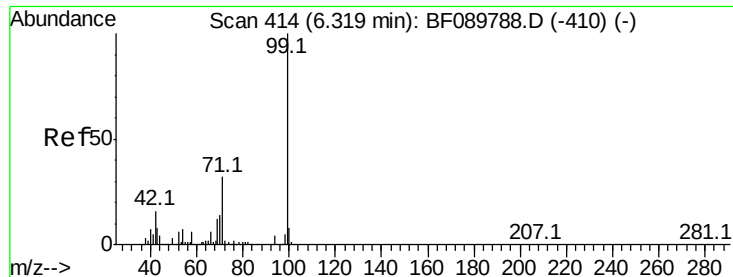
64 56.0 45.0 67.4

63 28.6 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: 125.95 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089881.D

Acq: 24 Aug 2016 18:14

Instrument :

BNA_F

ClientSampleId :

PB93077BL

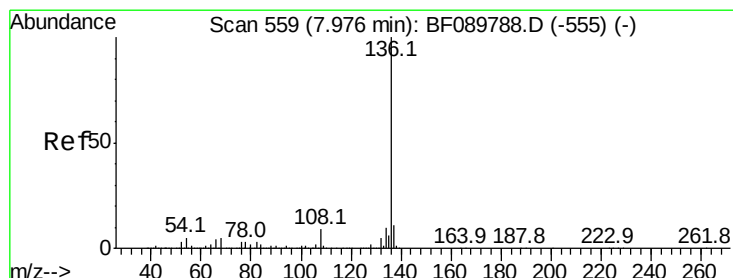
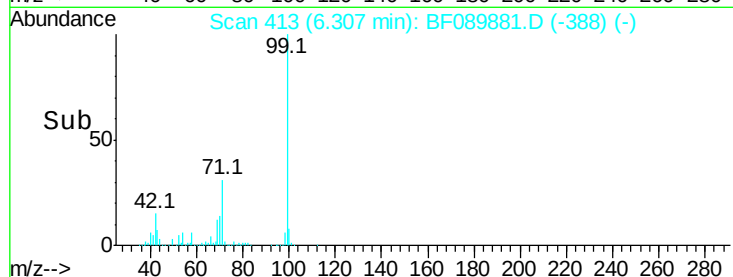
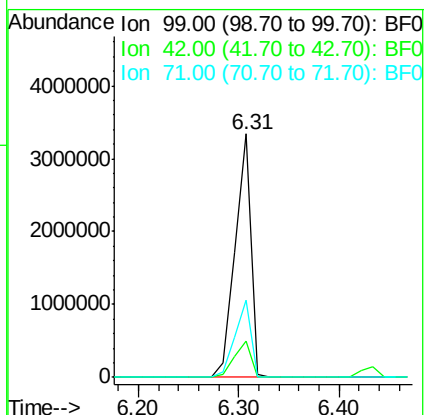
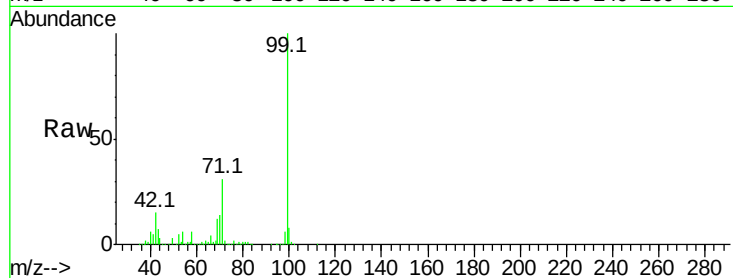
Tot Ion: 99 Resp: 3663681

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.4

71 31.5 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: BF089881.D

Acq: 24 Aug 2016 18:14

Tgt Ion: 136 Resp: 1804254

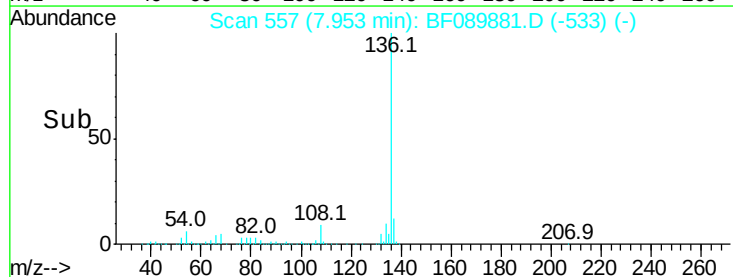
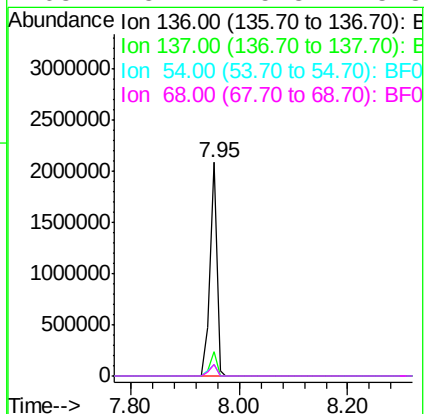
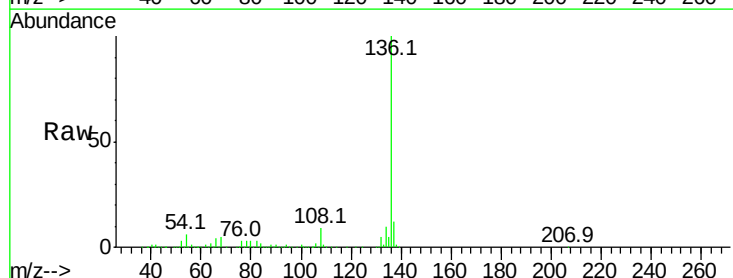
Ion Ratio Lower Upper

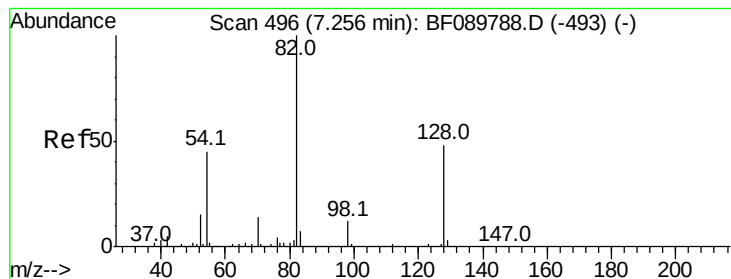
136 100

137 11.5 9.2 13.8

54 5.6 7.2 10.8#

68 5.2 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 76.59 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089881.D

Acq: 24 Aug 2016 18:14

Instrument :

BNA_F

ClientSampleId :

PB93077BL

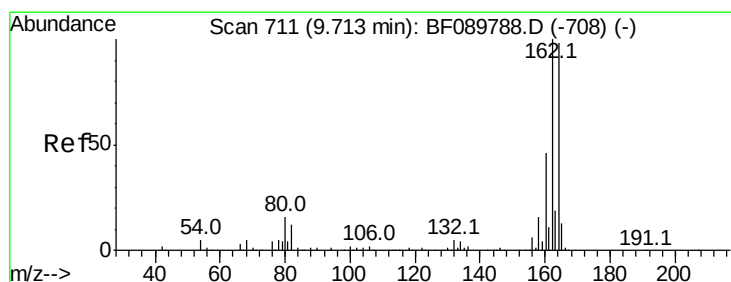
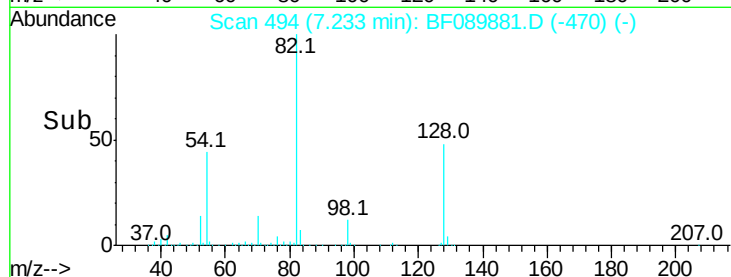
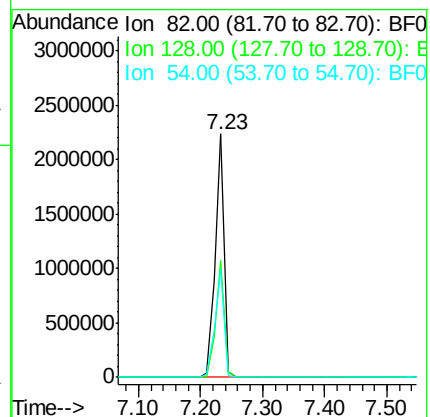
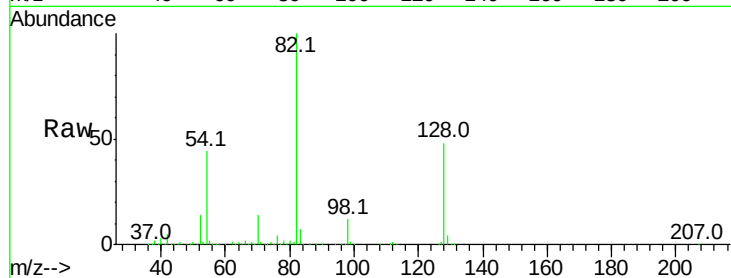
Tot Ion: 82 Resp: 2224344

Ion Ratio Lower Upper

82 100

128 47.9 34.4 51.6

54 44.4 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: BF089881.D

Acq: 24 Aug 2016 18:14

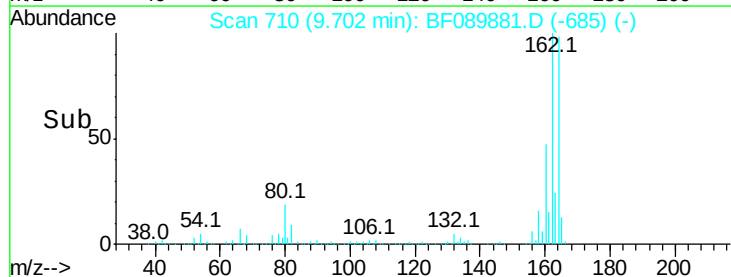
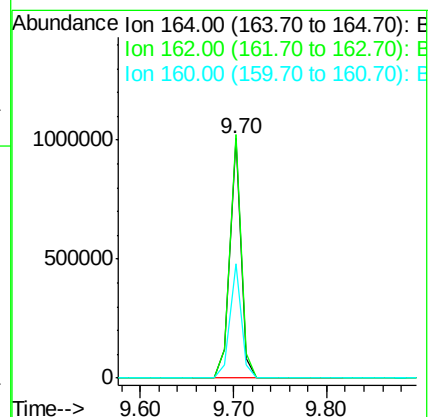
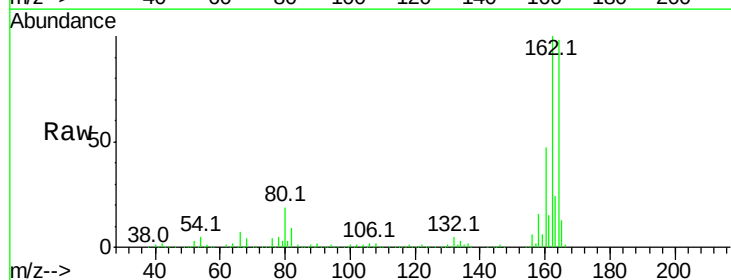
Tgt Ion:164 Resp: 830899

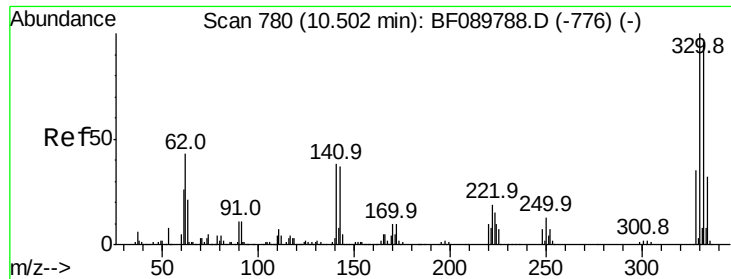
Ion Ratio Lower Upper

164 100

162 101.8 81.4 122.2

160 47.7 37.8 56.6

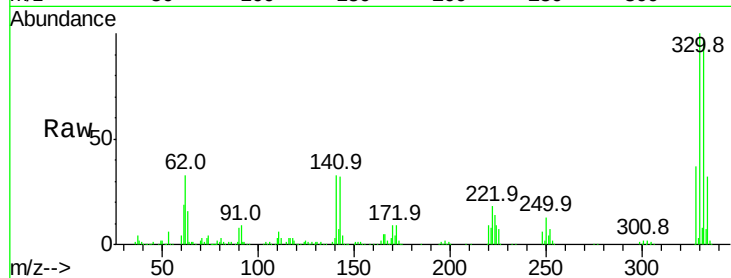




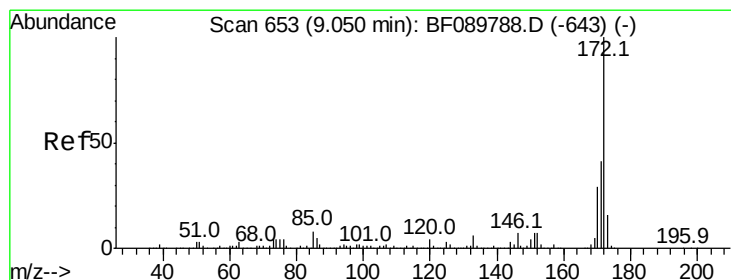
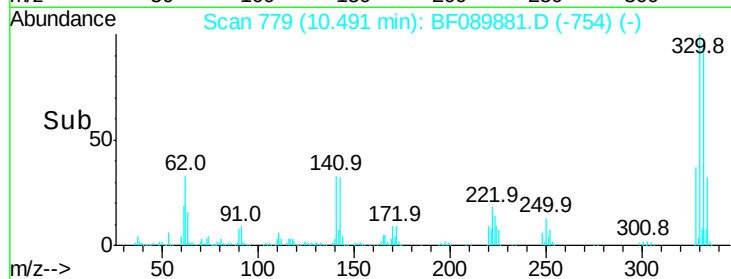
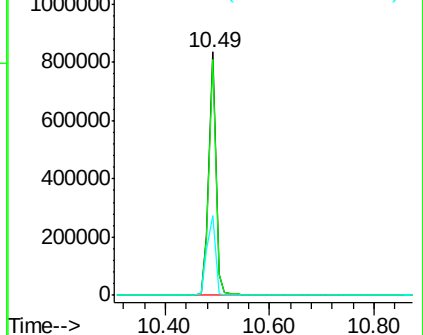
#41
 2,4,6-Tribromophenol
 Concen: 100.30 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089881.D
 Acq: 24 Aug 2016 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	39.5	30.2	45.2

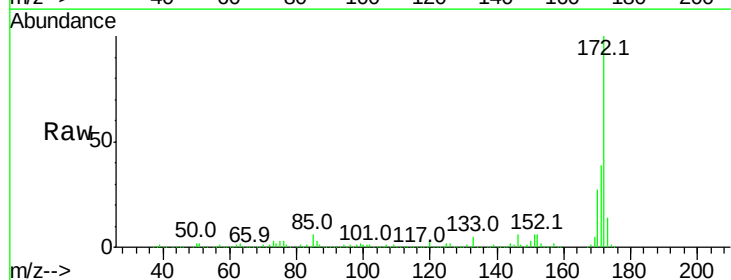


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

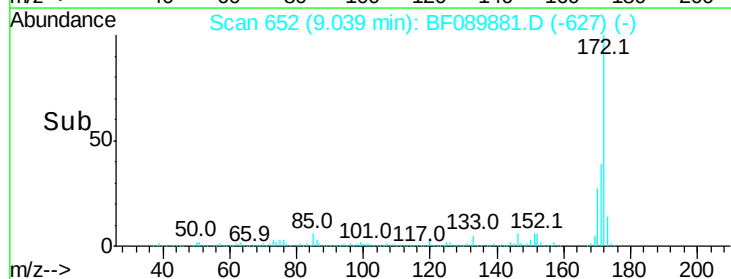
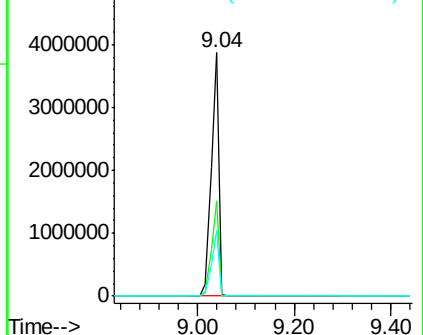


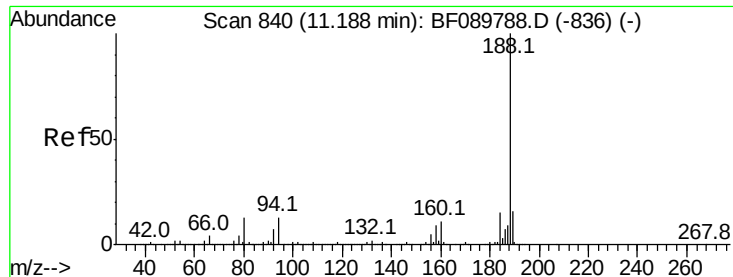
#44
 2-Fluorobiphenyl
 Concen: 89.63 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089881.D
 Acq: 24 Aug 2016 18:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	27.2	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

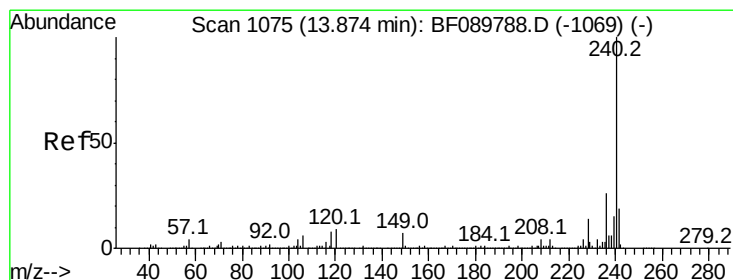
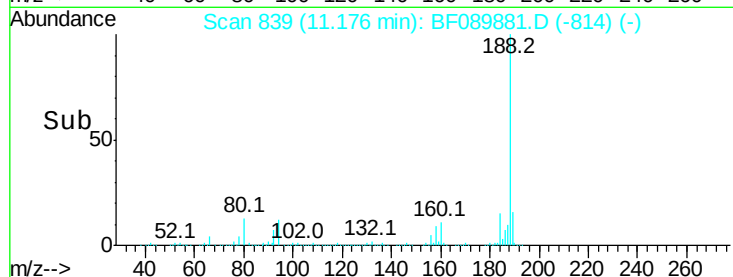
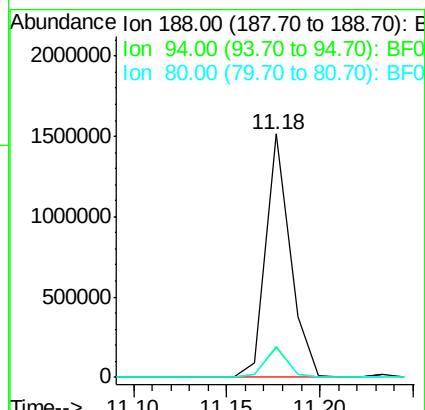
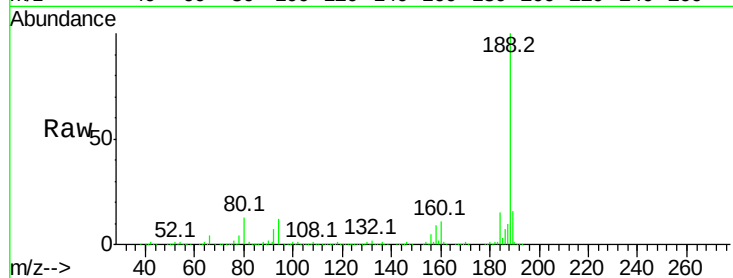




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089881.D
Acq: 24 Aug 2016 18:14

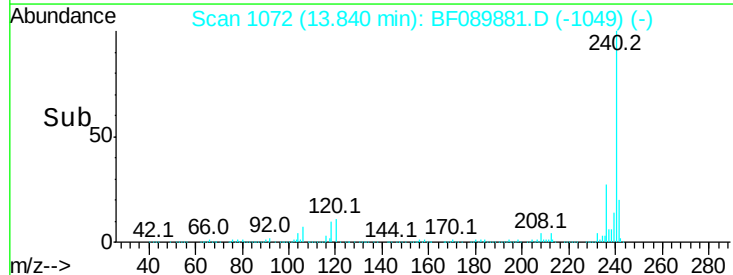
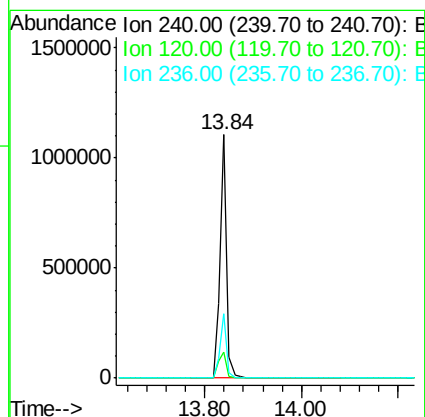
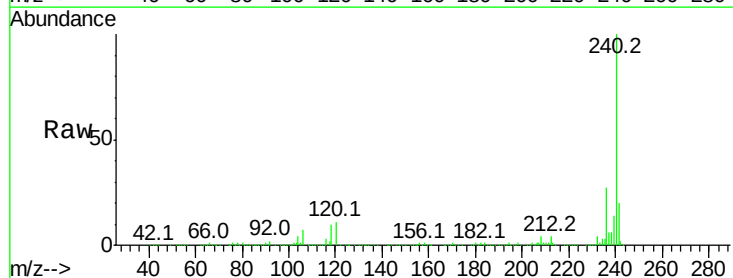
Instrument :
BNA_F
ClientSampleId :
PB93077BL

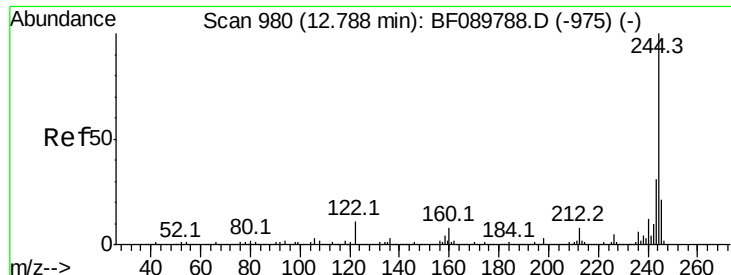
Tot Ion:188 Resp: 1371087
Ion Ratio Lower Upper
188 100
94 12.3 10.2 15.2
80 13.0 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089881.D
Acq: 24 Aug 2016 18:14

Tgt Ion:240 Resp: 1085630
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.5 21.3 31.9





#78

Terphenyl-d14

Concen: 70.17 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089881.D

Acq: 24 Aug 2016 18:14

Instrument :

BNA_F

ClientSampleId :

PB93077BL

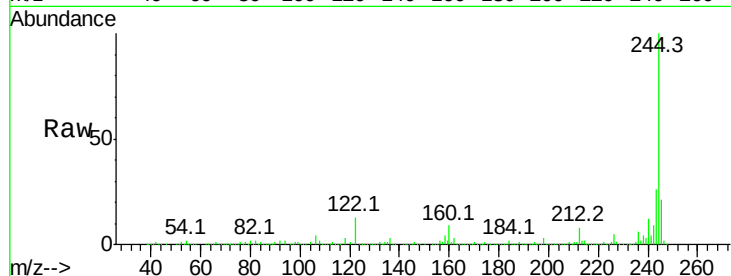
Tot Ion:244 Resp: 3367171

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

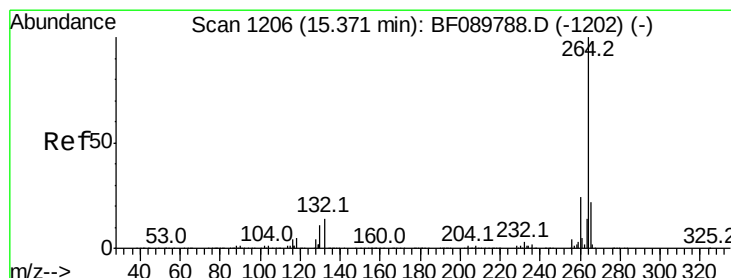
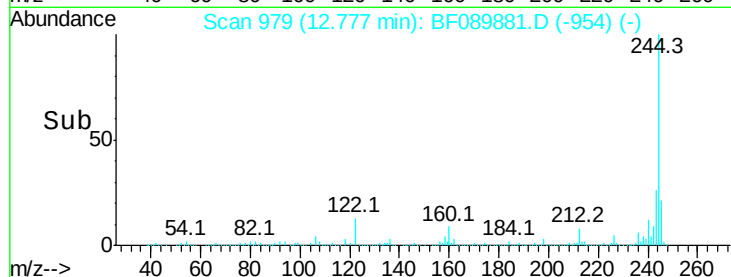
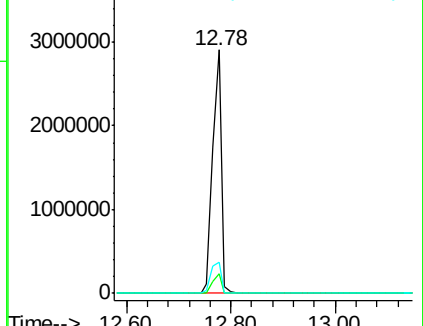
122 12.9 12.0 18.0



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: 15.31 min Scan# 1201

Delta R.T. -0.06 min

Lab File: BF089881.D

Acq: 24 Aug 2016 18:14

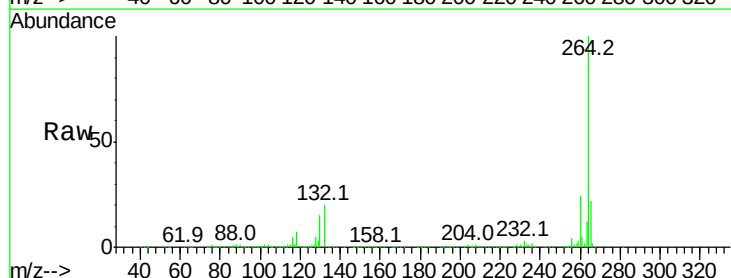
Tgt Ion:264 Resp: 826061

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.2

265 21.8 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

