

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089743.D
 Acq On : 17 Aug 2016 4:56
 Operator : UM/SJ
 Sample : PB92884BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BL

Quant Time: Aug 17 07:00:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	661668	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2673015	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1296495	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2345224	20.00	ng	0.00
75) Chrysene-d12	13.89	240	2046579	20.00	ng	-0.01
86) Perylene-d12	15.38	264	1714049	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	4417701	111.40	ng	0.01
7) Phenol-d6	6.34	99	6607298	130.99	ng	0.01
23) Nitrobenzene-d5	7.27	82	4011825	91.65	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1536609	122.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6755990	83.62	ng	0.00
78) Terphenyl-d14	12.81	244	5126416	74.83	ng	0.00

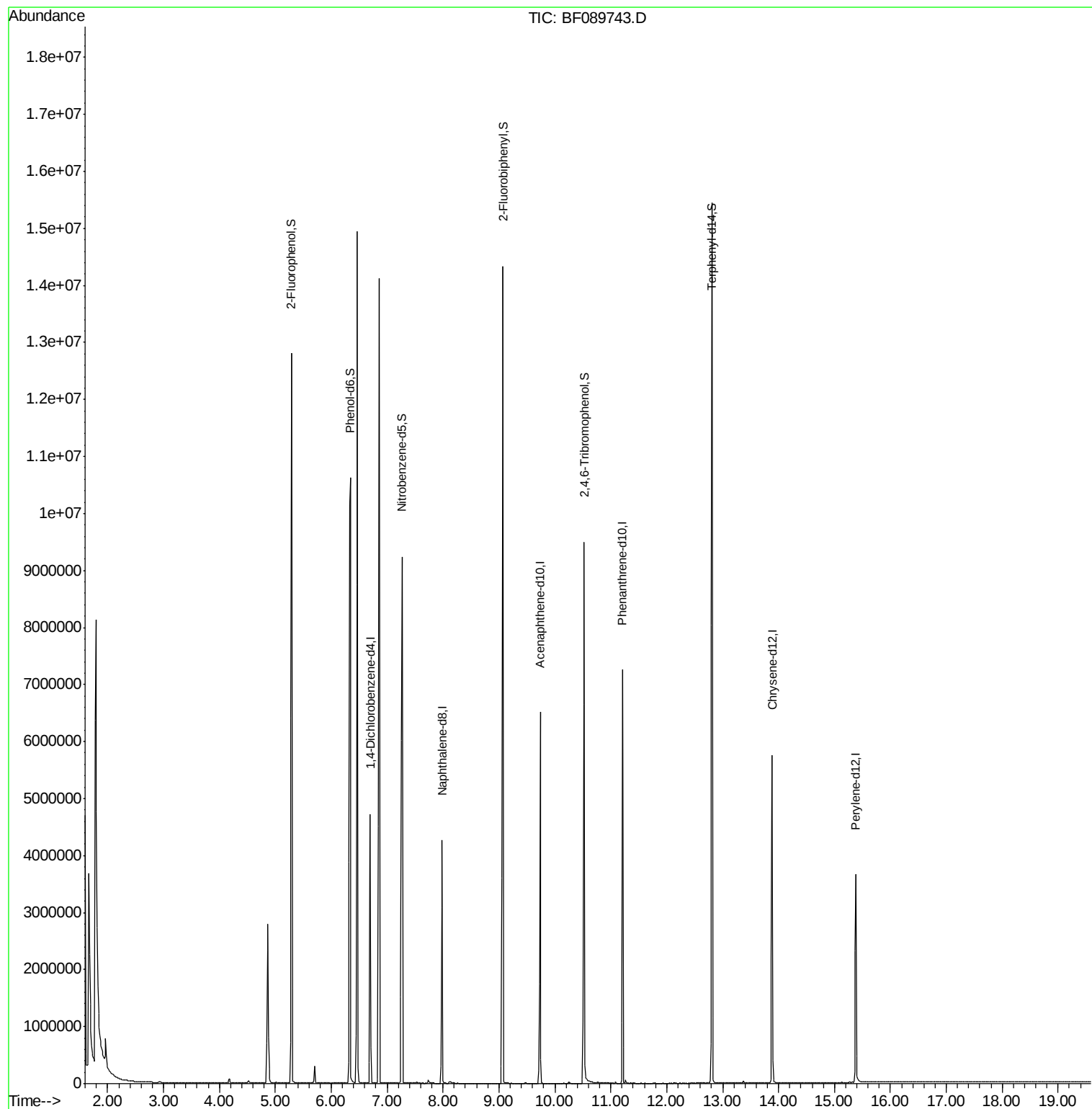
Target Compounds Qvalue

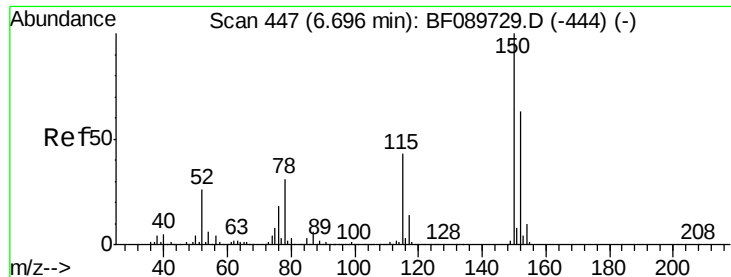
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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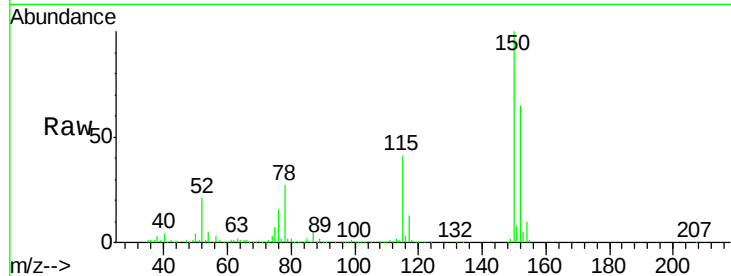


#1

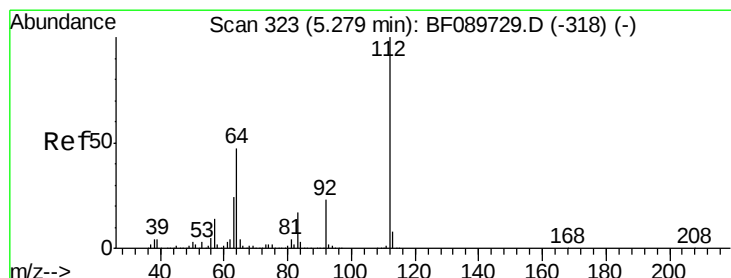
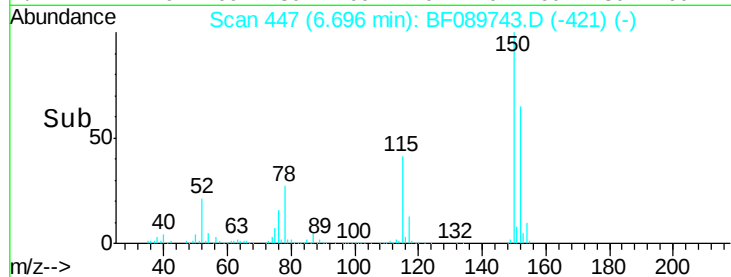
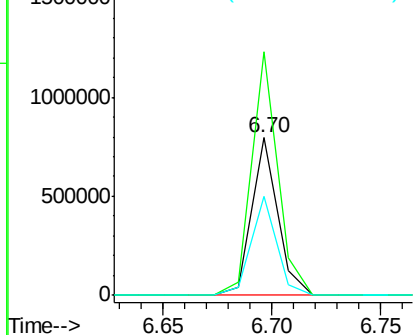
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089743.D
Acq: 17 Aug 2016 4:56

Instrument :
BNA_F
ClientSampleId :
PB92884BL

Tot Ion:152 Resp: 661668
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 62.9 40.9 61.3#



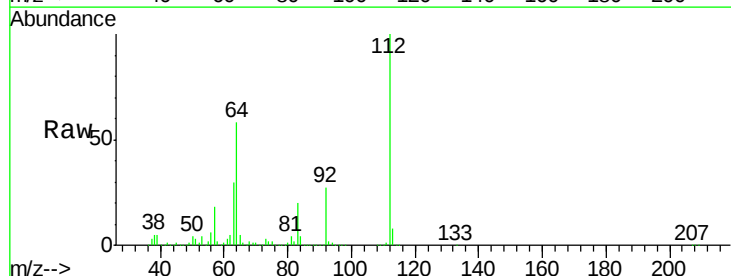
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



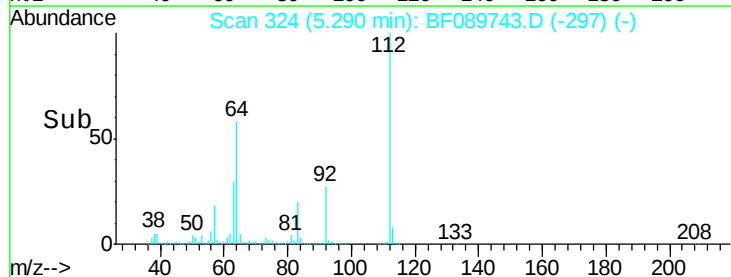
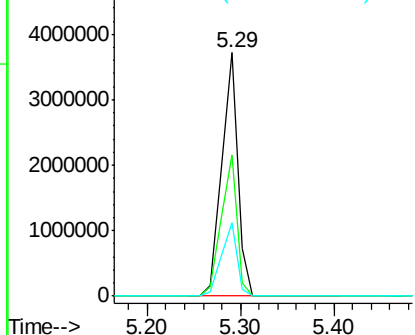
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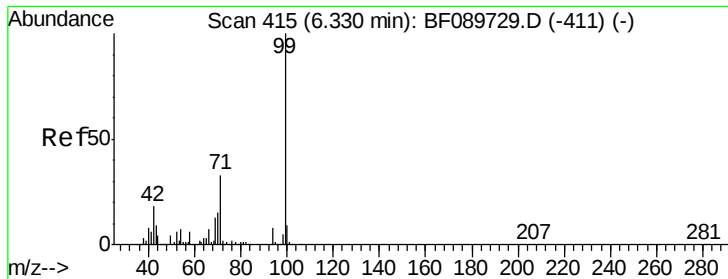
2-Fluorophenol
Concen: 111.40 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF089743.D
Acq: 17 Aug 2016 4:56

Tgt Ion:112 Resp: 4417701
Ion Ratio Lower Upper
112 100
64 57.8 45.0 67.4
63 30.4 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: 130.99 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Instrument :

BNA_F

ClientSampled :

PB92884BL

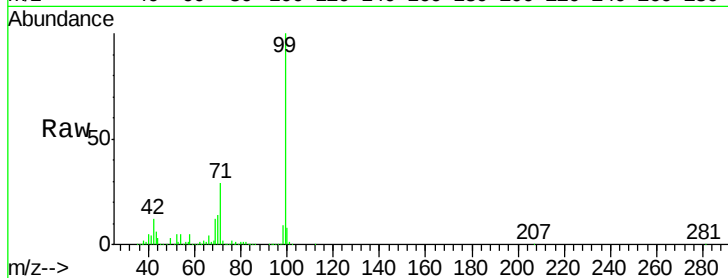
Tot Ion: 99 Resp: 6607298

Ion Ratio Lower Upper

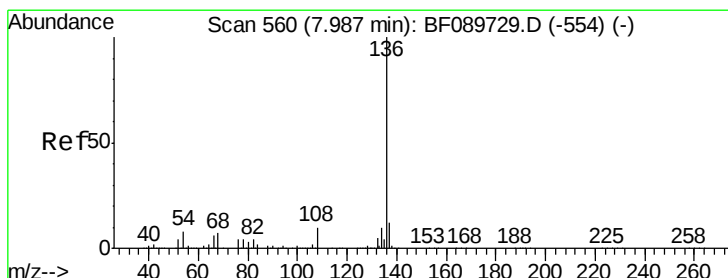
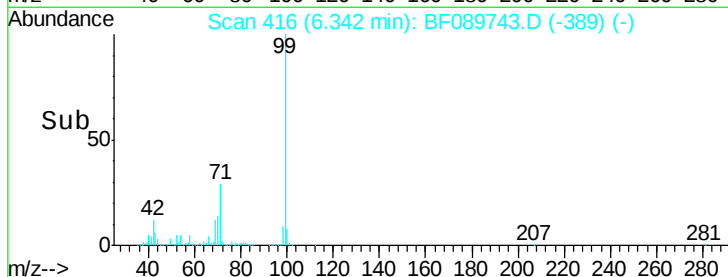
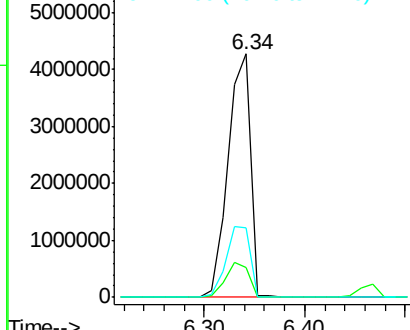
99 100

42 12.2 12.2 18.4#

71 28.7 23.8 35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Tgt Ion: 136 Resp: 2673015

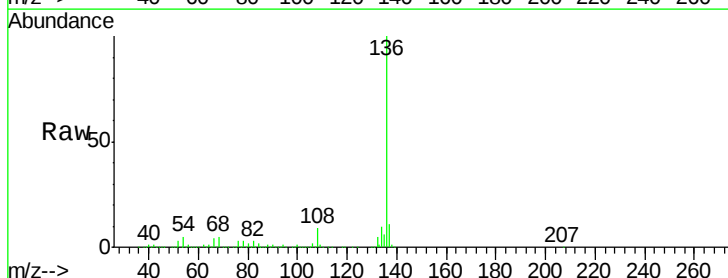
Ion Ratio Lower Upper

136 100

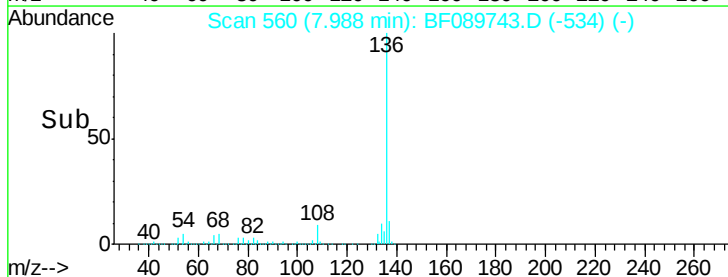
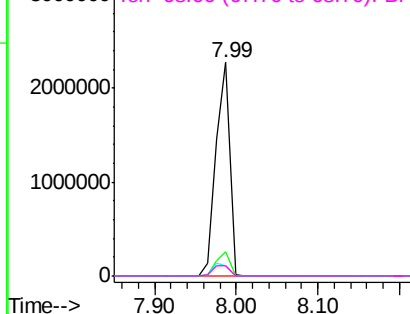
137 11.2 9.2 13.8

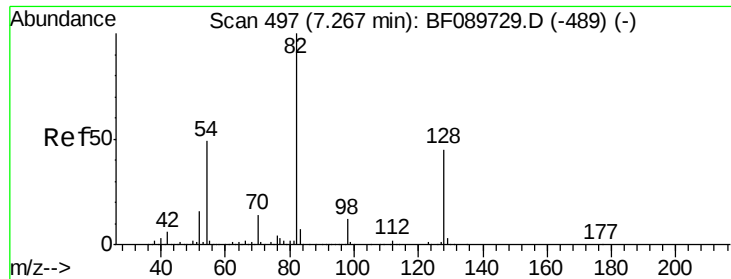
54 5.0 7.2 10.8#

68 4.7 5.8 8.8#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

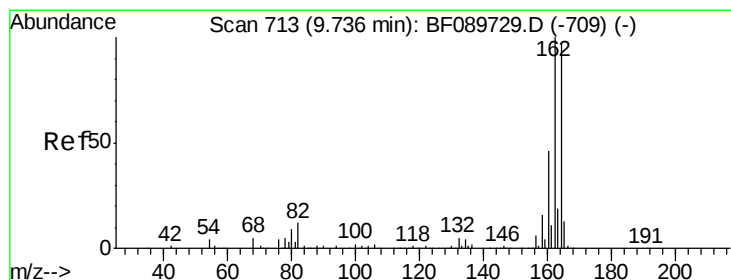
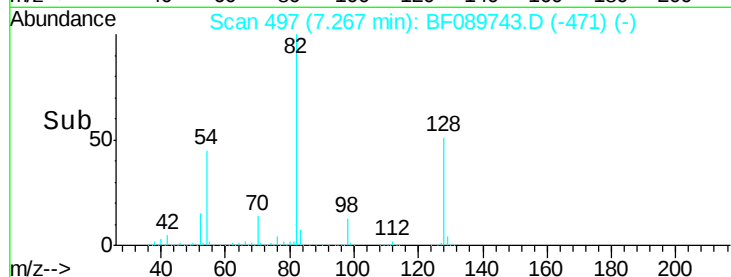
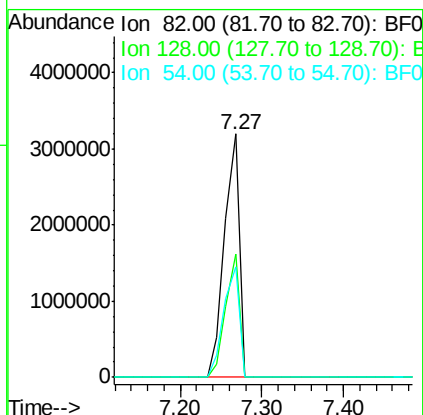
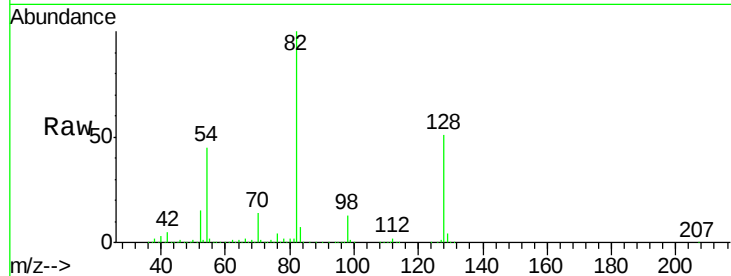




#23
Nitrobenzene-d5
Concen: 91.65 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF089743.D
Acq: 17 Aug 2016 4:56

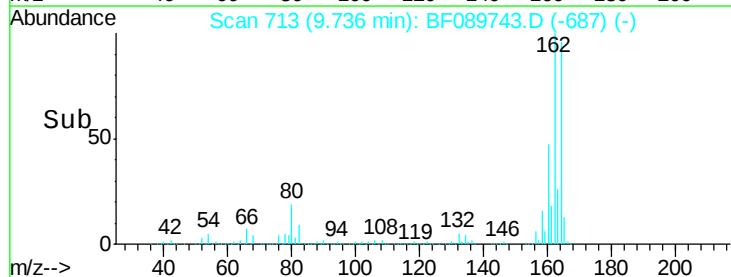
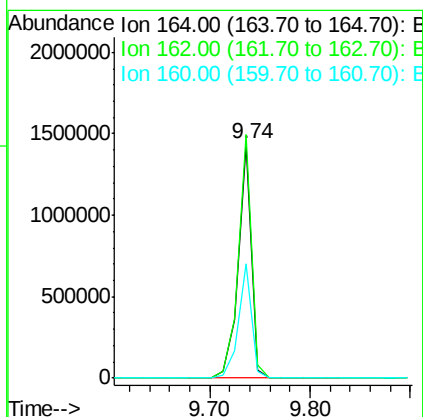
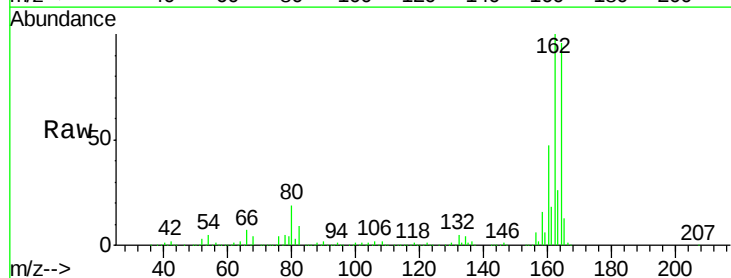
Instrument :
BNA_F
ClientSampled :
PB92884BL

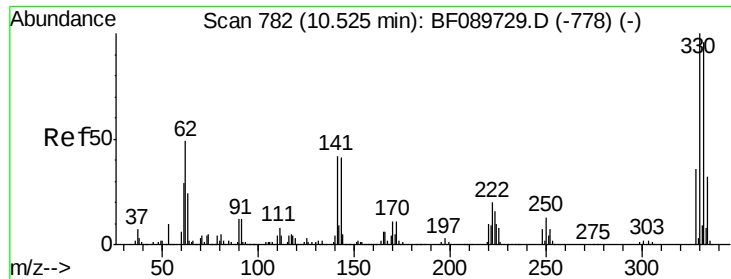
Tot Ion: 82 Resp: 4011825
Ion Ratio Lower Upper
82 100
128 50.8 34.4 51.6
54 45.4 40.3 60.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089743.D
Acq: 17 Aug 2016 4:56

Tgt Ion:164 Resp: 1296495
Ion Ratio Lower Upper
164 100
162 104.3 81.4 122.2
160 48.9 37.8 56.6

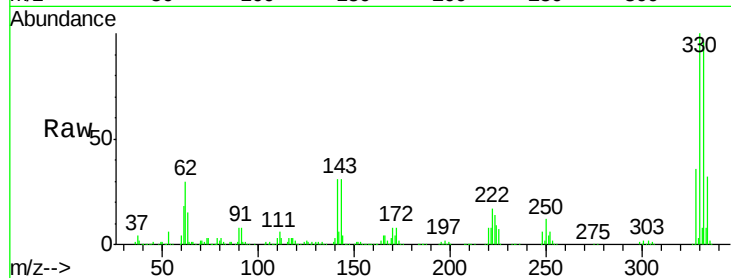




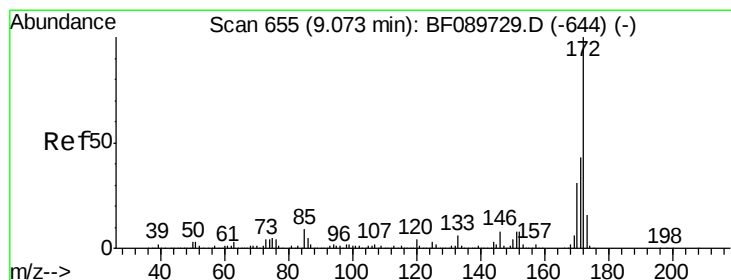
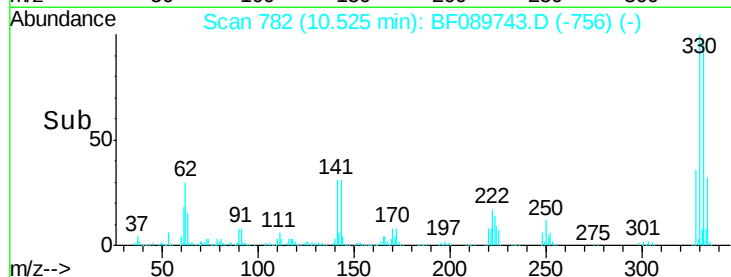
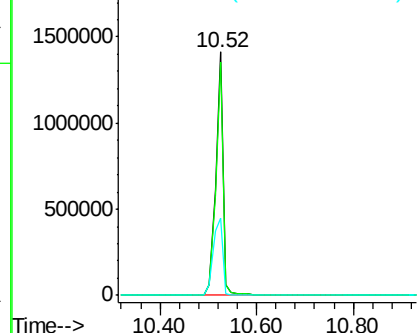
#41
 2,4,6-Tribromophenol
 Concen: 122.51 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BL

Tot Ion:330 Resp: 1536609
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 41.3 30.2 45.2

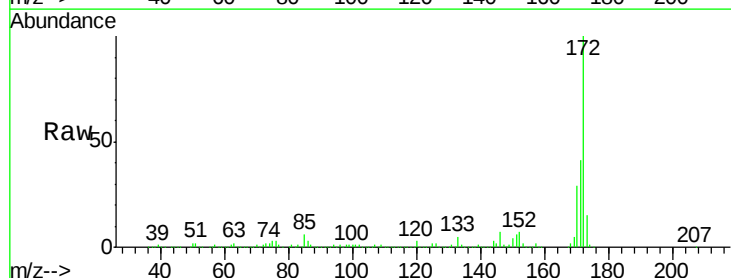


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

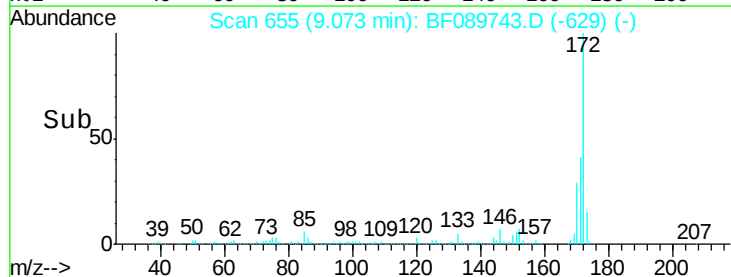
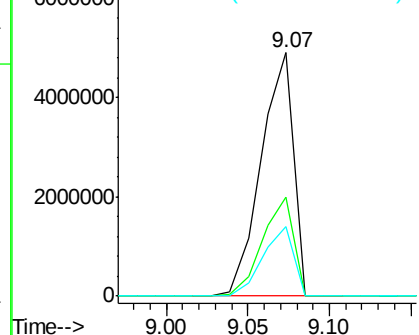


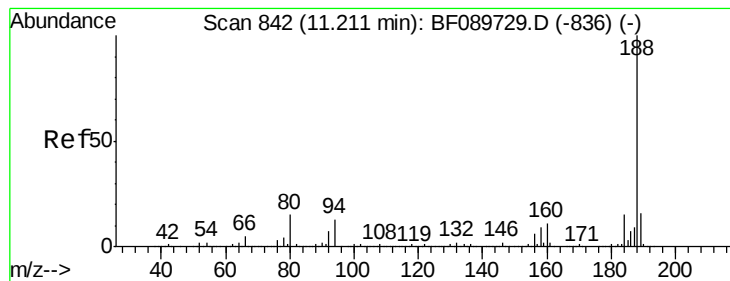
#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

Tgt Ion:172 Resp: 6755990
 Ion Ratio Lower Upper
 172 100
 171 40.6 30.5 45.7
 170 28.6 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: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

Instrument :

BNA_F

ClientSampleId :

PB92884BL

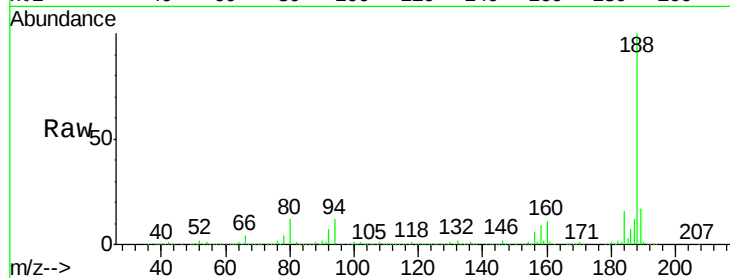
Tot Ion:188 Resp: 2345224

Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.2

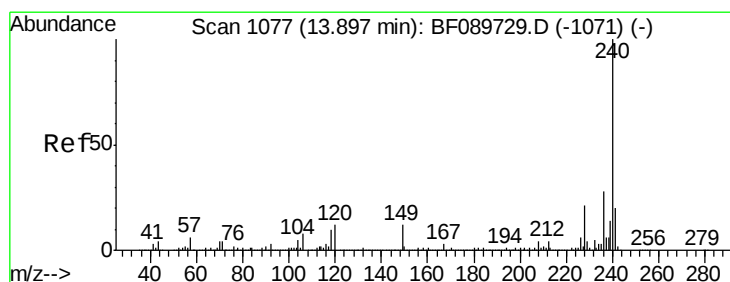
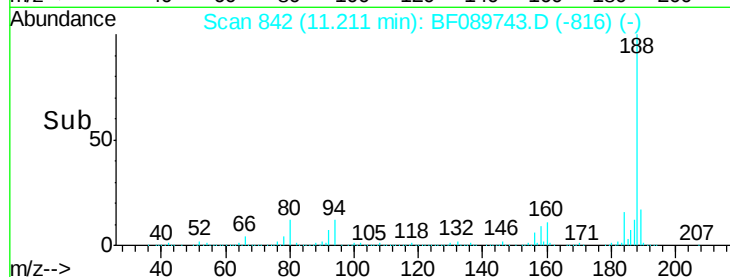
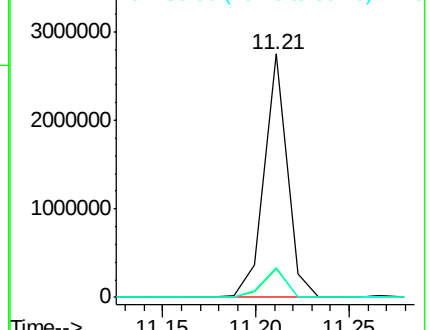
80 12.4 10.9 16.3



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: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089743.D

Acq: 17 Aug 2016 4:56

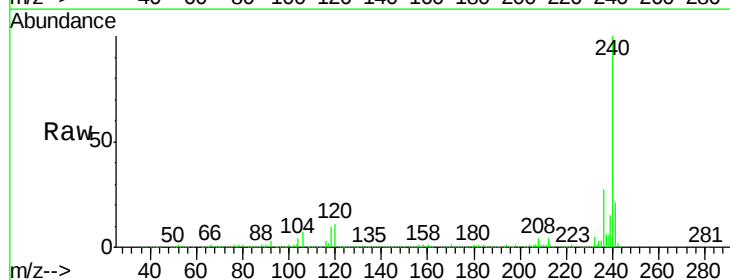
Tgt Ion:240 Resp: 2046579

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

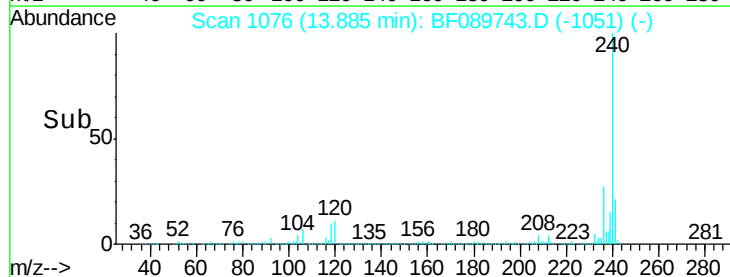
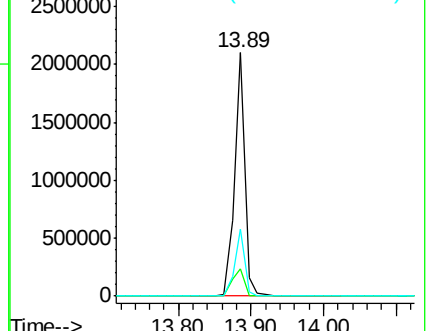
236 27.3 21.3 31.9

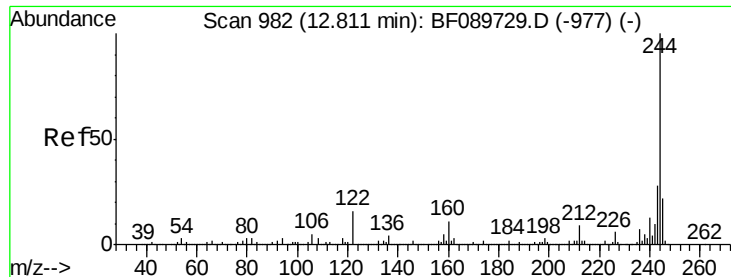


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

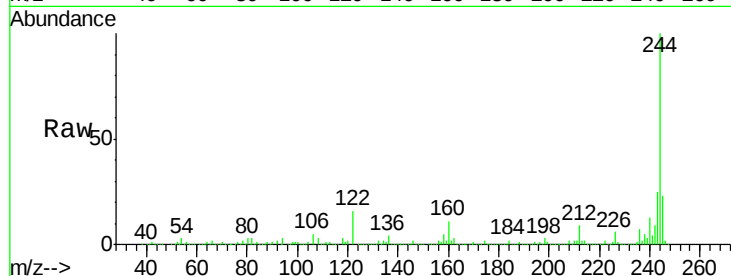




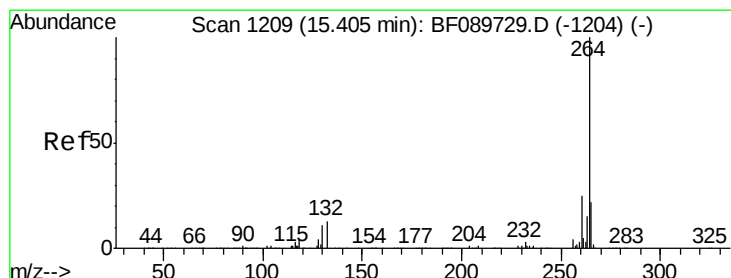
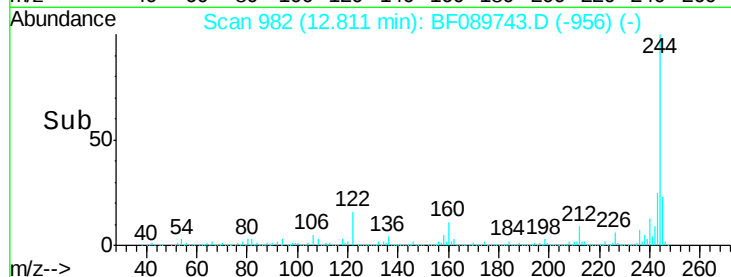
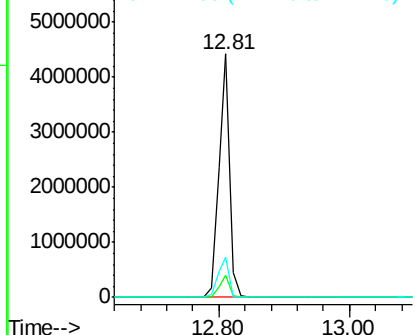
#78
 Terphenyl-d14
 Concen: 74.83 ng
 RT: 12.81 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

Instrument :
 BNA_F
 ClientSampleId :
 PB92884BL

Tot Ion:244 Resp: 5126416
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.3 9.5
 122 16.2 12.0 18.0

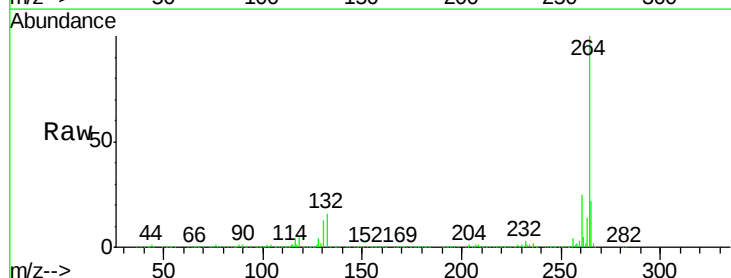


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF089743.D
 Acq: 17 Aug 2016 4:56

Tgt Ion:264 Resp: 1714049
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.2 30.2
 265 22.2 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

