

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089775.D
 Acq On : 17 Aug 2016 20:46
 Operator : UM/SJ
 Sample : H4383-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-080416

Quant Time: Aug 18 09:14:56 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	657026	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2523635	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1242872	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2195704	20.00	ng	0.00
75) Chrysene-d12	13.85	240	1857103	20.00	ng	-0.05
86) Perylene-d12	15.30	264	1696523	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	871183	22.12	ng	-0.01
7) Phenol-d6	6.32	99	1214694	24.25	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1706042	41.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	1457139	121.19	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	5446814	70.32	ng	0.00
78) Terphenyl-d14	12.81	244	5663742	91.11	ng	0.00

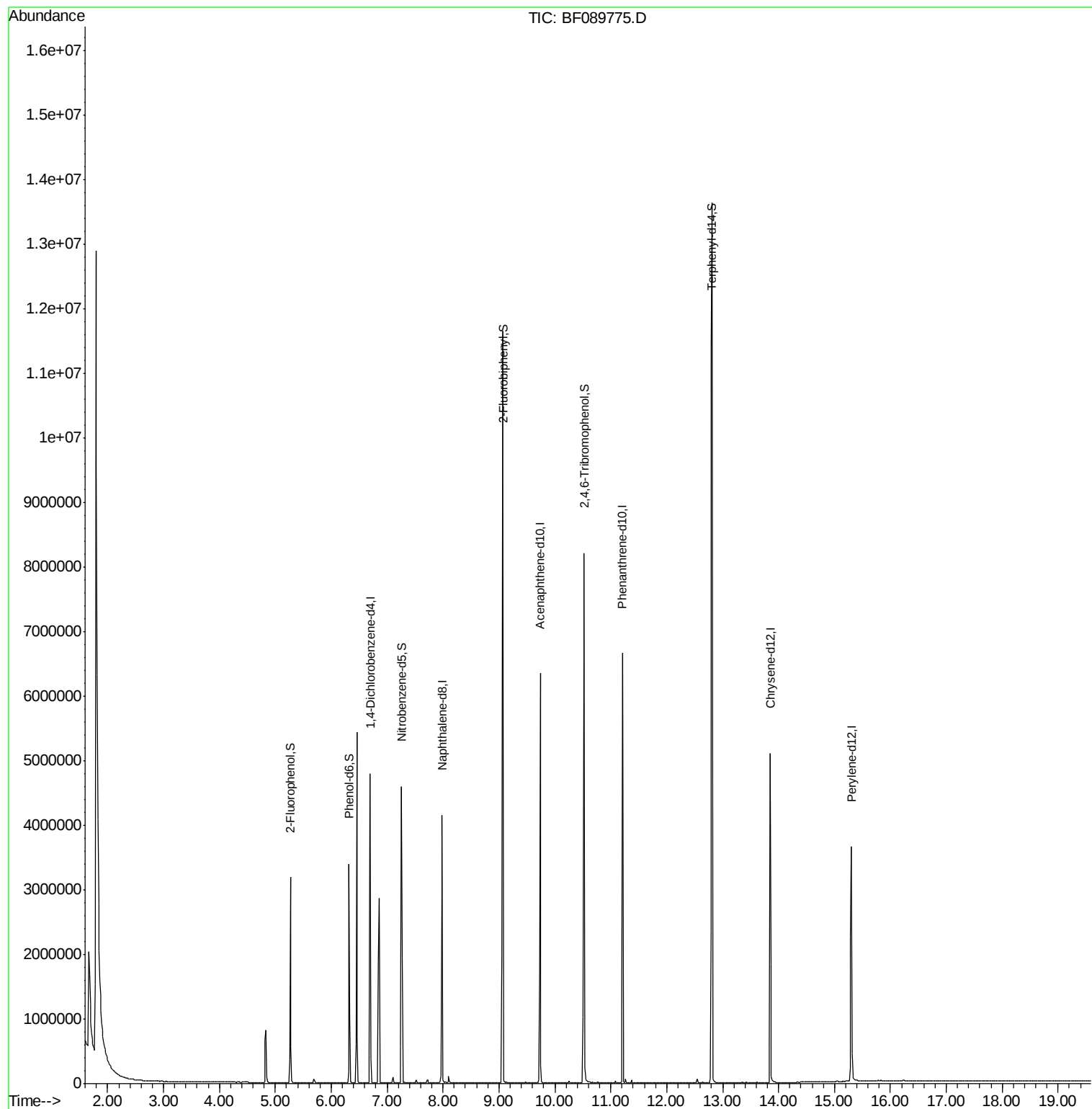
Target Compounds Qvalue

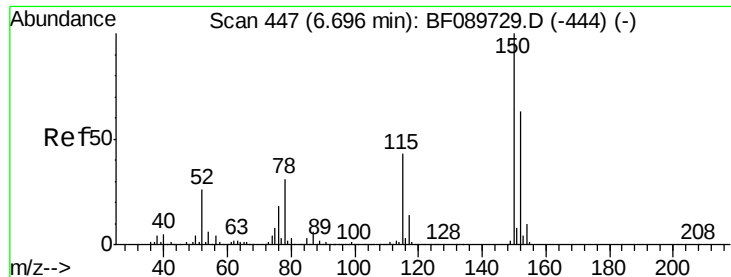
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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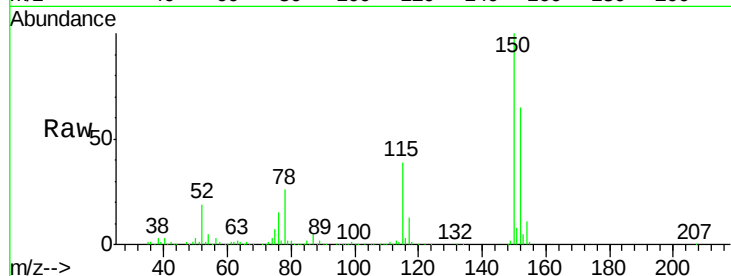


#1

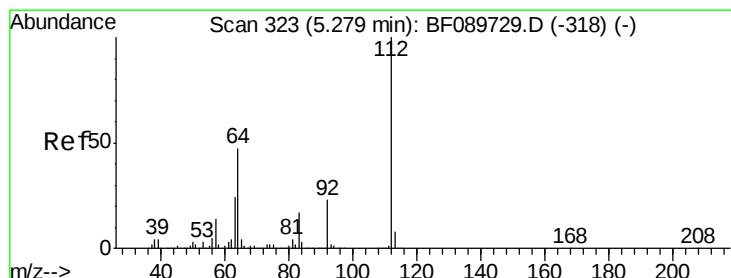
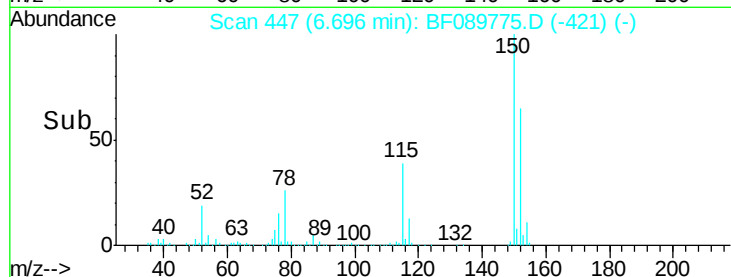
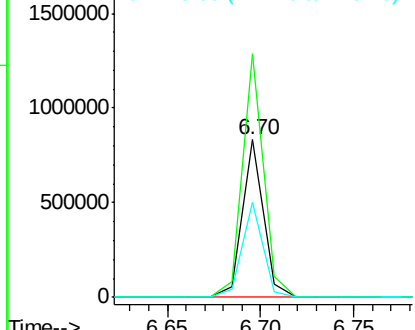
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF089775.D
Acq: 17 Aug 2016 20:46

Instrument :
BNA_F
ClientSampleId :
FB-080416

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.3	187.9
115	60.6	40.9	61.3



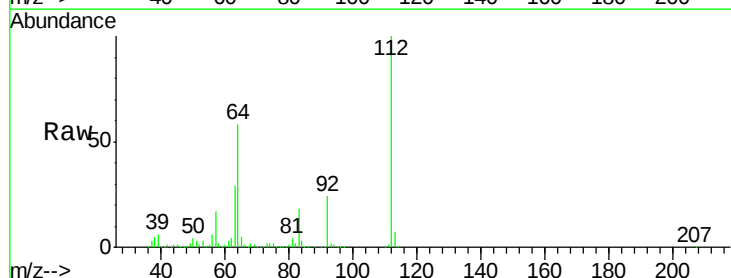
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



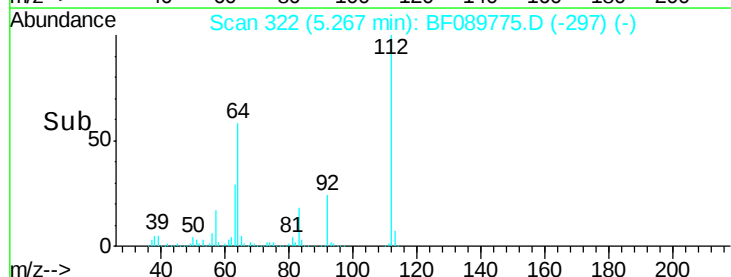
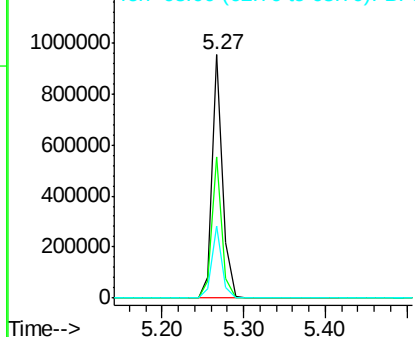
#5

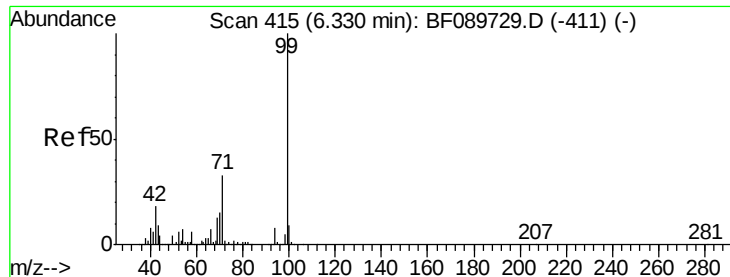
2-Fluorophenol
Concen: 22.12 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.01 min
Lab File: BF089775.D
Acq: 17 Aug 2016 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.0	67.4
63	29.4	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: 24.25 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Instrument :

BNA_F

ClientSampleId :

FB-080416

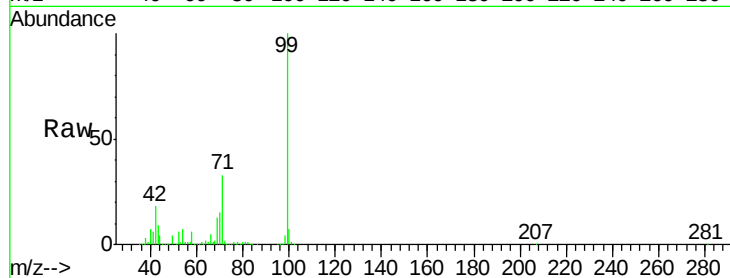
Tot Ion: 99 Resp: 1214694

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.4

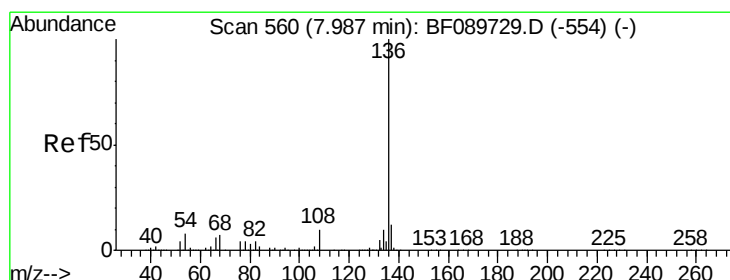
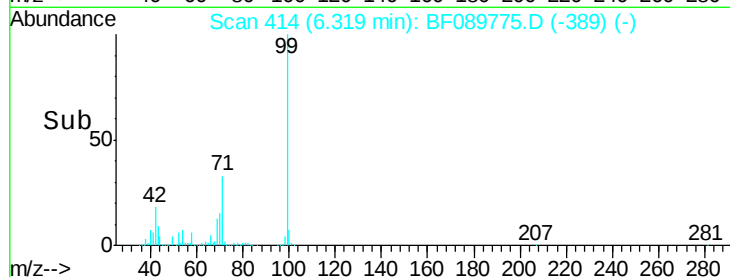
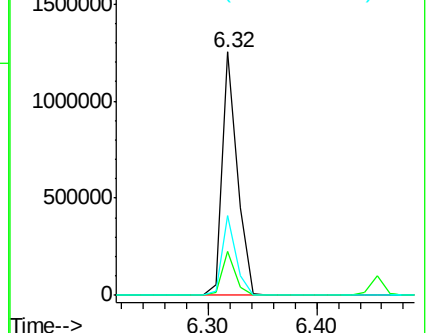
71 32.5 23.8 35.8



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: BF089775.D

Acq: 17 Aug 2016 20:46

Tgt Ion: 136 Resp: 2523635

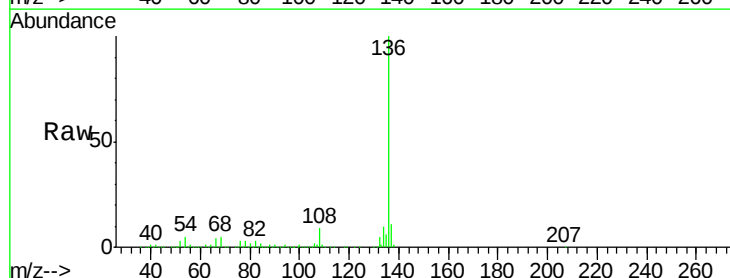
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.8 7.2 10.8#

68 4.5 5.8 8.8#

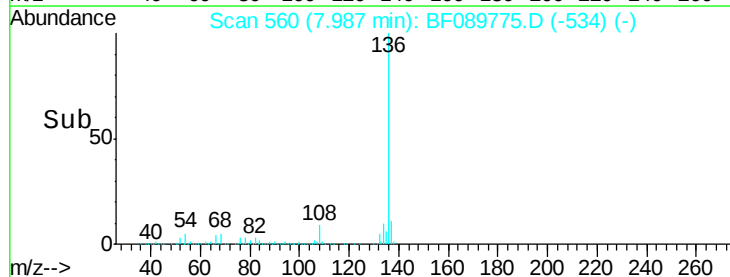
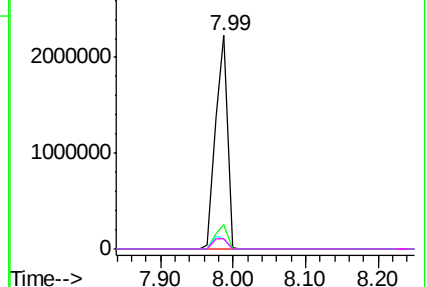


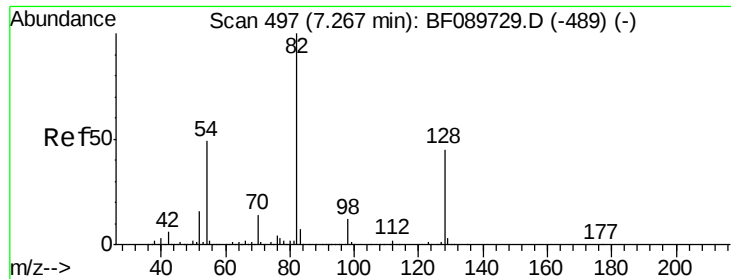
Abundance Ion 136.00 (135.70 to 136.70): E

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

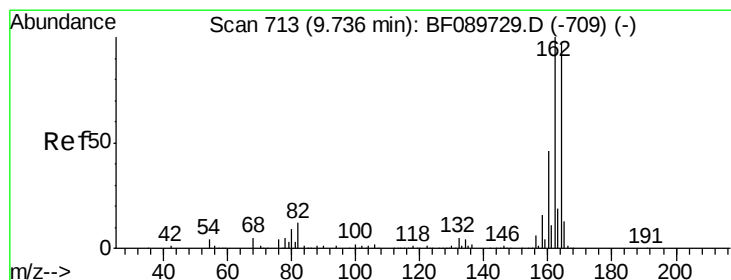
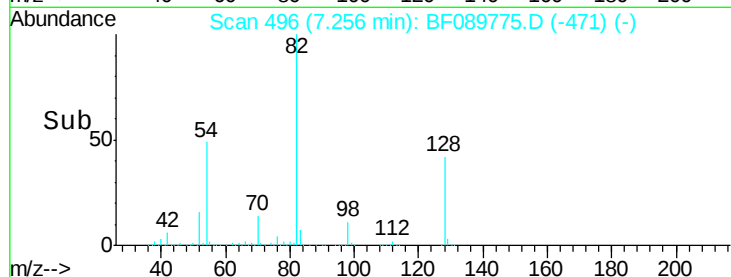
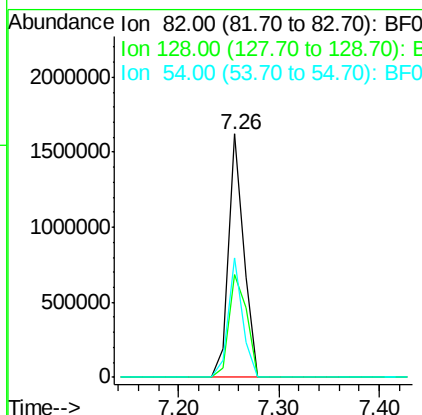
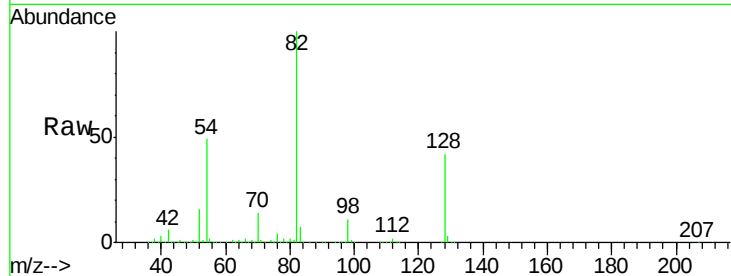




#23
 Nitrobenzene-d5
 Concen: 41.28 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF089775.D
 Acq: 17 Aug 2016 20:46

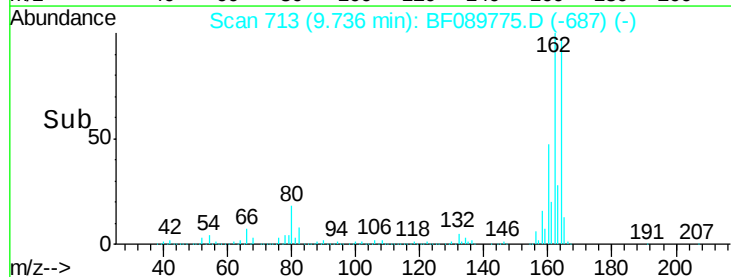
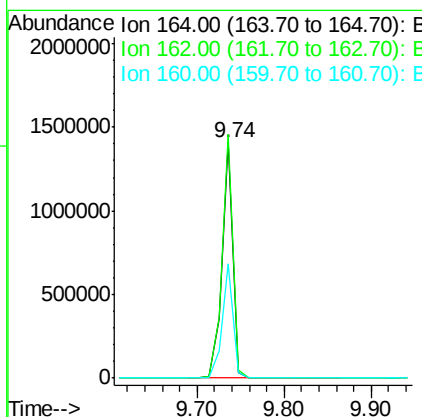
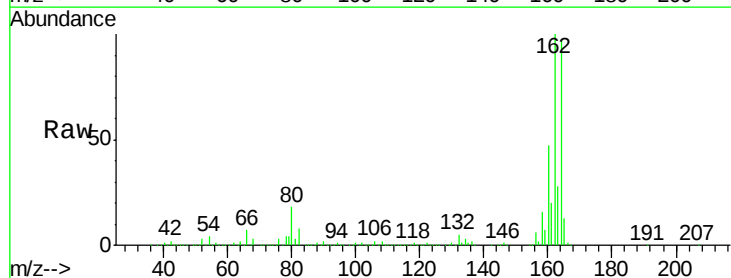
Instrument :
 BNA_F
 ClientSampleId :
 FB-080416

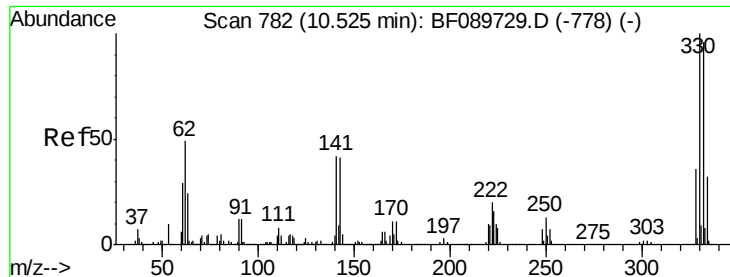
Tot Ion: 82 Resp: 1706042
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.4 51.6
 54 49.0 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF089775.D
 Acq: 17 Aug 2016 20:46

Tgt Ion:164 Resp: 1242872
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.4 122.2
 160 48.6 37.8 56.6

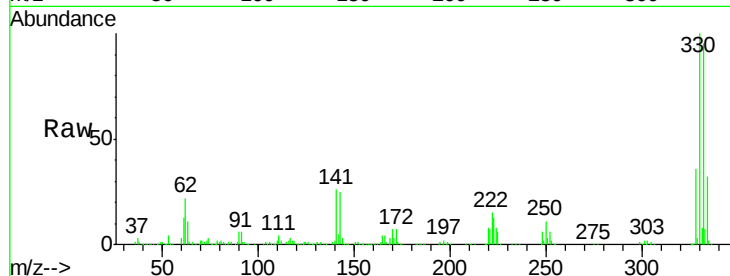




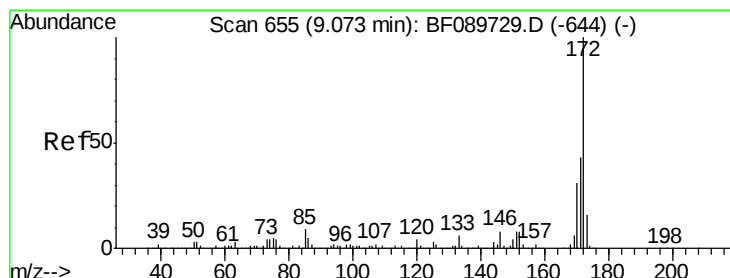
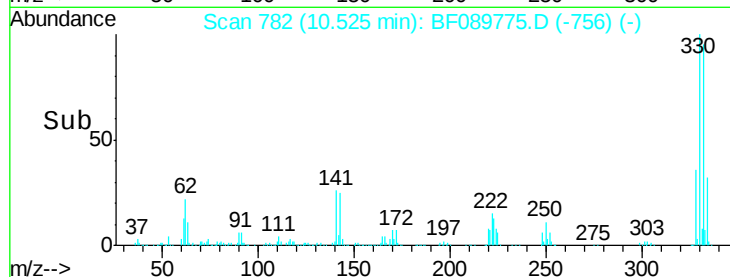
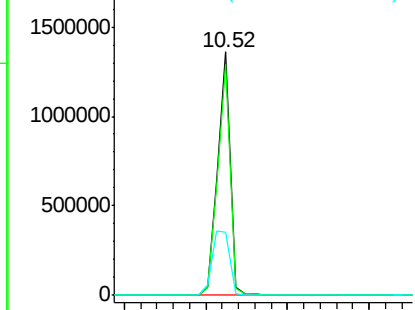
#41
 2,4,6-Tribromophenol
 Concen: 121.19 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF089775.D
 Acq: 17 Aug 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 FB-080416

Tot Ion:330 Resp: 1457139
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 37.2 30.2 45.2

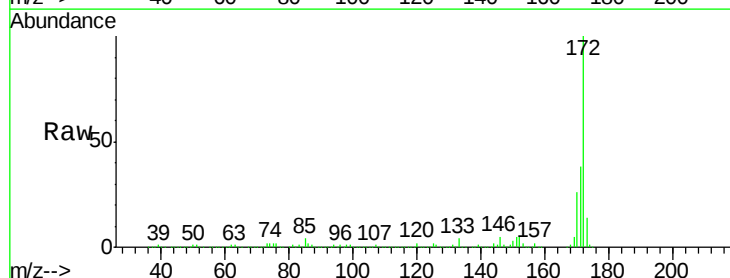


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

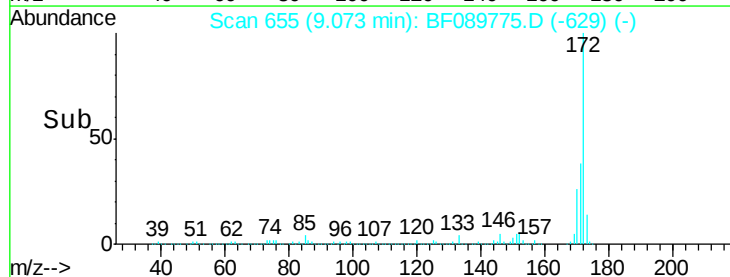
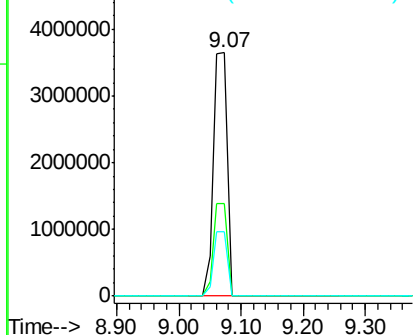


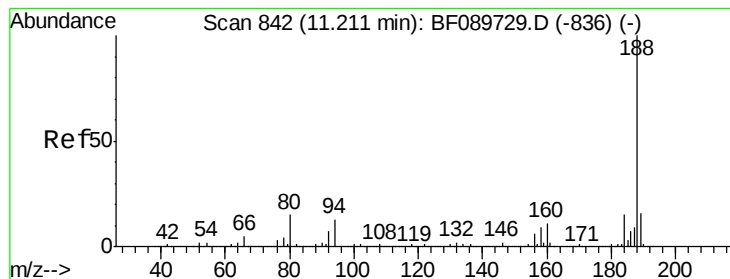
#44
 2-Fluorobiphenyl
 Concen: 70.32 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089775.D
 Acq: 17 Aug 2016 20:46

Tgt Ion:172 Resp: 5446814
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.5 45.7
 170 26.2 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: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Instrument :

BNA_F

ClientSampleId :

FB-080416

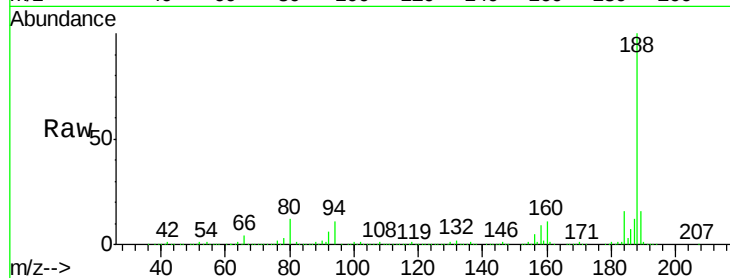
Tot Ion:188 Resp: 2195704

Ion Ratio Lower Upper

188 100

94 11.0 10.2 15.2

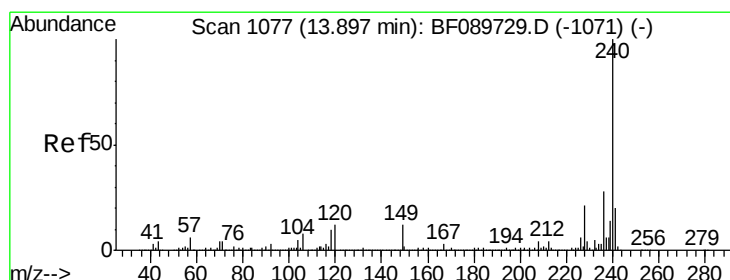
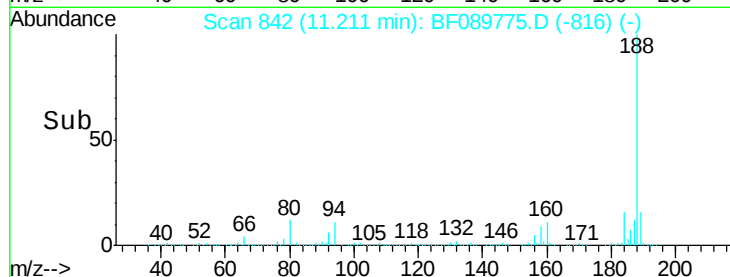
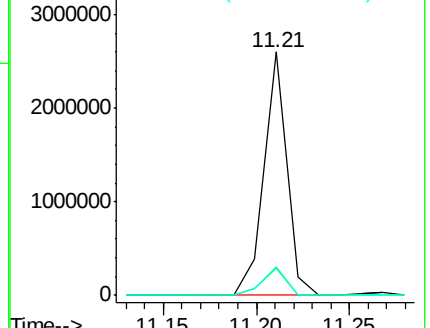
80 11.5 10.9 16.3



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: 13.85 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

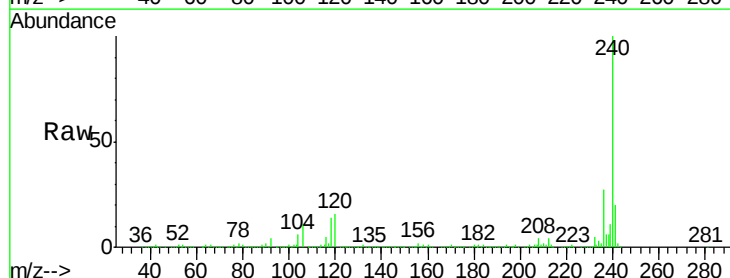
Tgt Ion:240 Resp: 1857103

Ion Ratio Lower Upper

240 100

120 16.2 8.3 12.5#

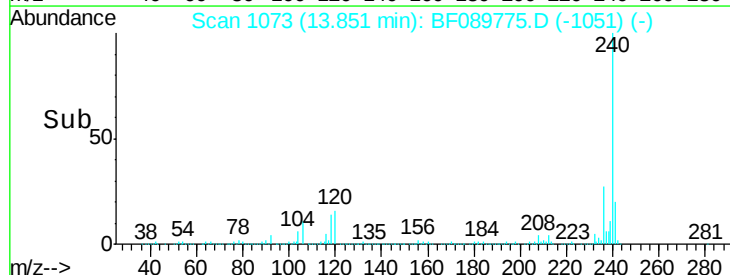
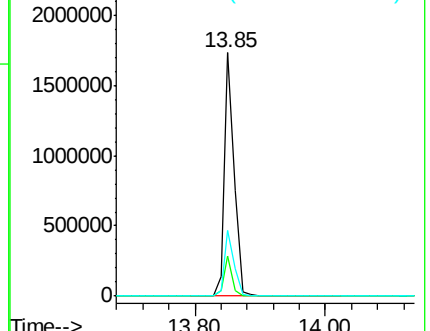
236 26.8 21.3 31.9

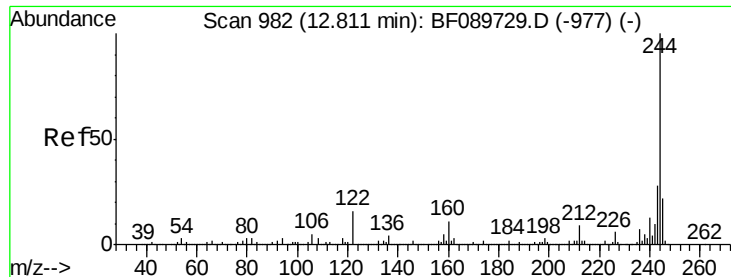


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.11 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

Instrument :

BNA_F

ClientSampled :

FB-080416

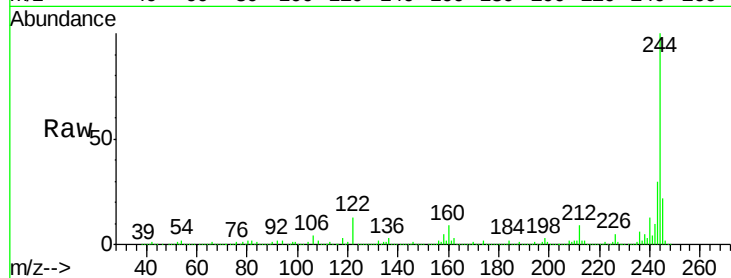
Tot Ion:244 Resp: 5663742

Ion Ratio Lower Upper

244 100

212 9.0 6.3 9.5

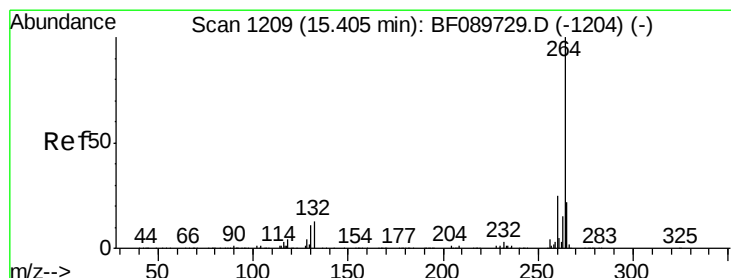
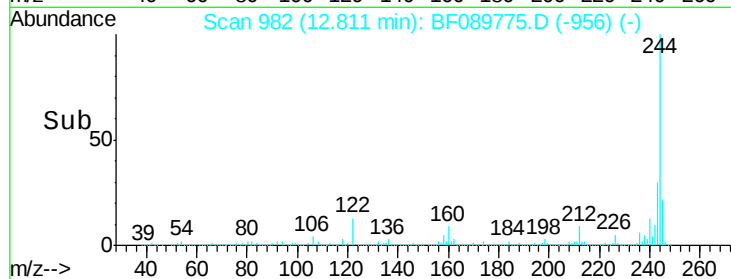
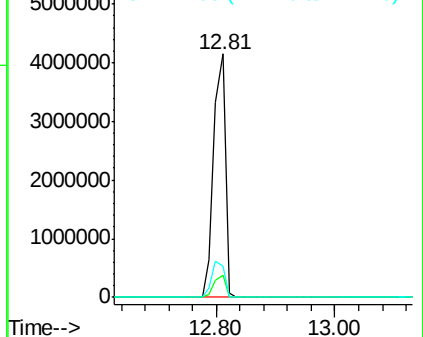
122 12.9 12.0 18.0



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: 15.30 min Scan# 1200

Delta R.T. -0.10 min

Lab File: BF089775.D

Acq: 17 Aug 2016 20:46

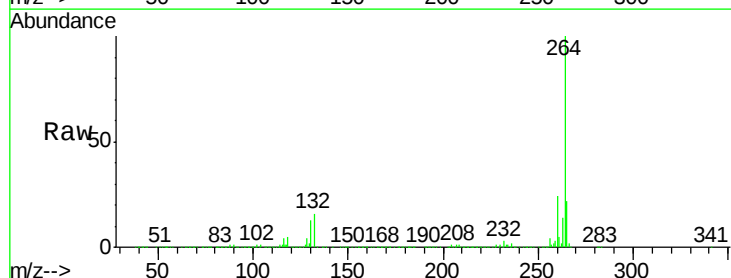
Tgt Ion:264 Resp: 1696523

Ion Ratio Lower Upper

264 100

260 24.5 20.2 30.2

265 22.1 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

