

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089763.D
 Acq On : 17 Aug 2016 15:23
 Operator : UM/SJ
 Sample : H4476-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46E

Quant Time: Aug 17 16:51:38 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	659780	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2776798	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1328202	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2287052	20.00	ng	0.00
75) Chrysene-d12	13.90	240	2071589	20.00	ng	0.00
86) Perylene-d12	15.41	264	1642859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2397429	60.63	ng	0.00
7) Phenol-d6	6.33	99	1963358	39.04	ng	0.00
23) Nitrobenzene-d5	7.27	82	3906197	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1489549	115.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6558093	79.23	ng	0.00
78) Terphenyl-d14	12.81	244	5218515	75.26	ng	0.00

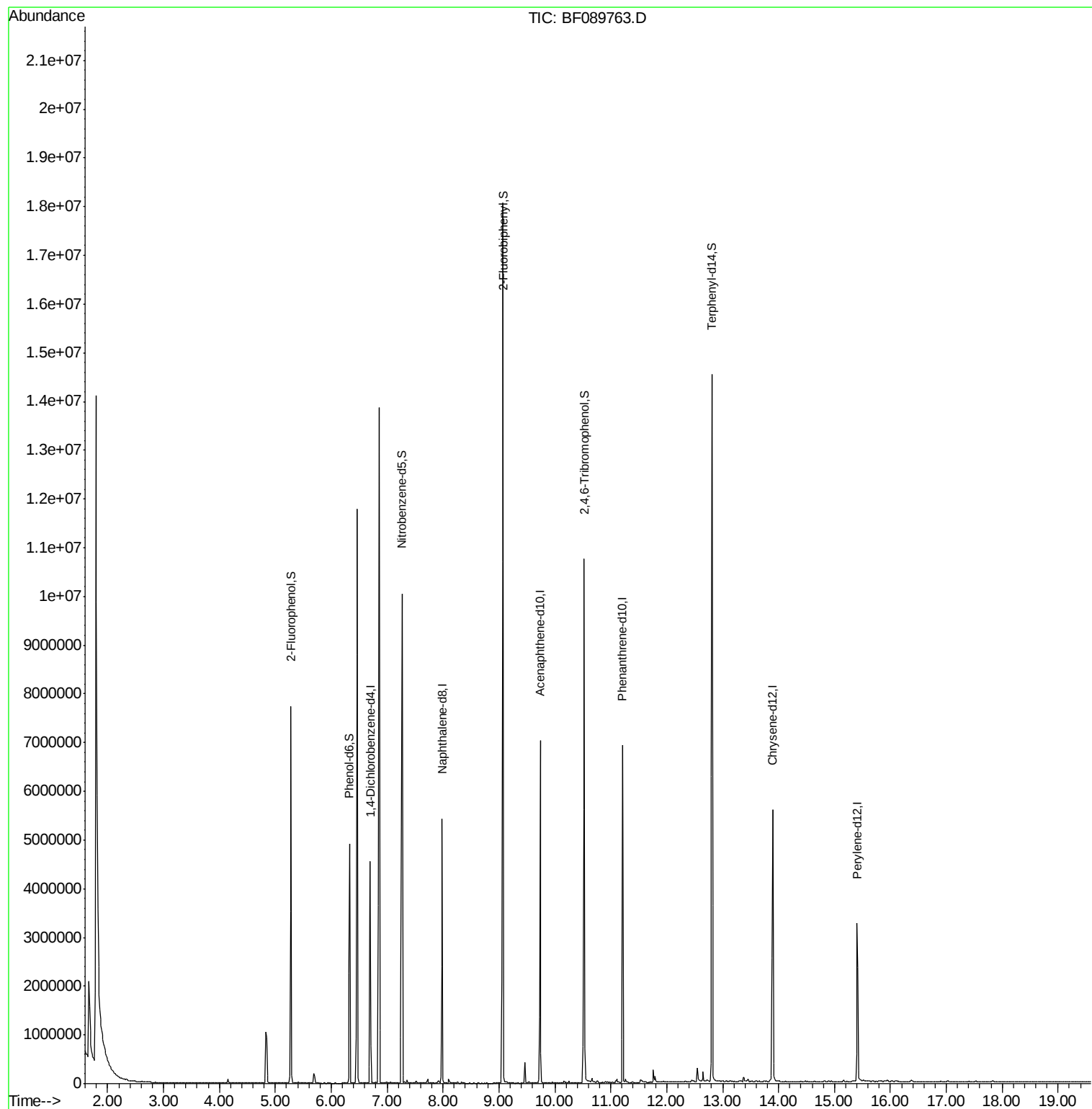
Target Compounds Qvalue

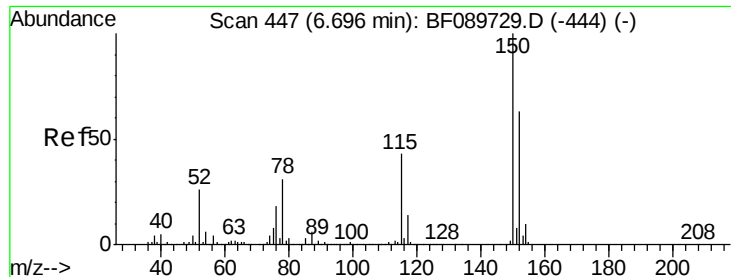
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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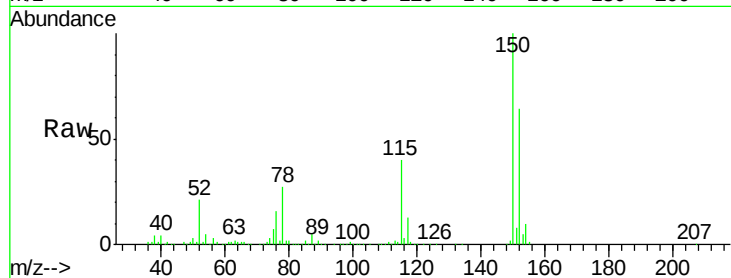


#1

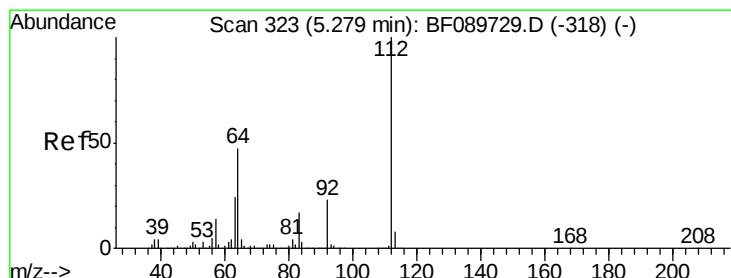
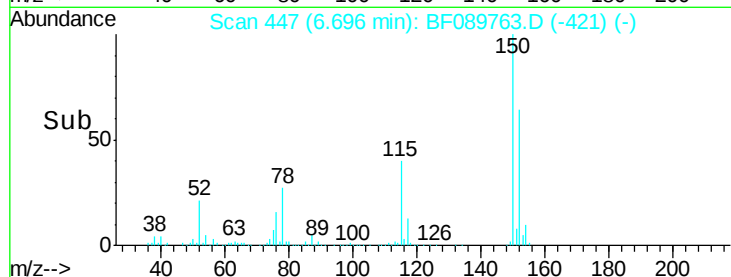
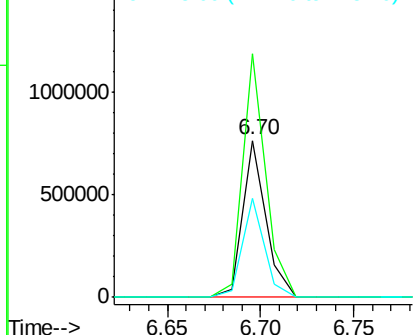
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF089763.D
Acq: 17 Aug 2016 15:23

Instrument :
BNA_F
ClientSampleId :
LOCATION-46E

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.3	187.9
115	62.9	40.9	61.3



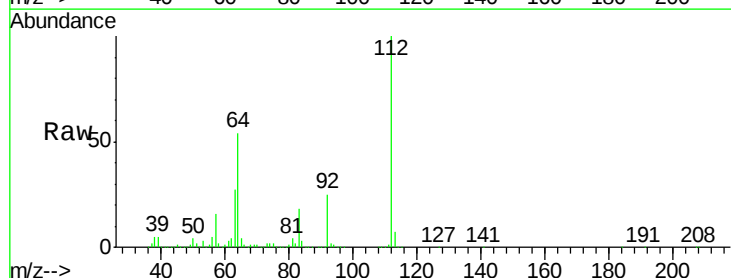
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



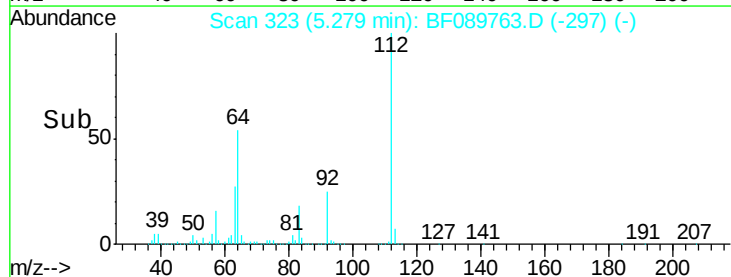
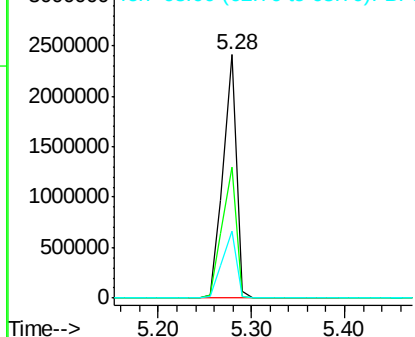
#5

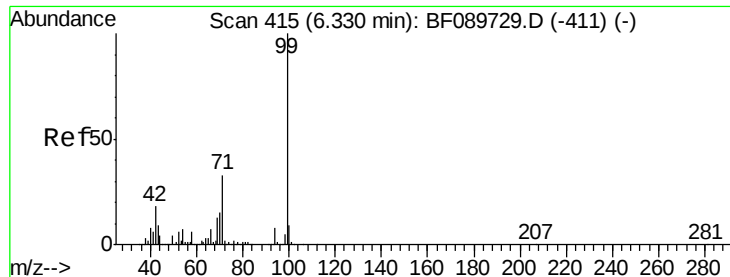
2-Fluorophenol
Concen: 60.63 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089763.D
Acq: 17 Aug 2016 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.0	67.4
63	27.3	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: 39.04 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Instrument :

BNA_F

ClientSampleId :

LOCATION-46E

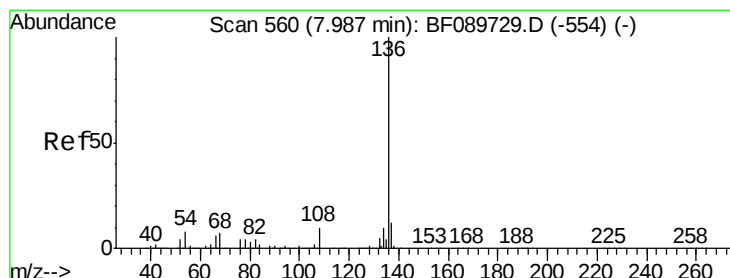
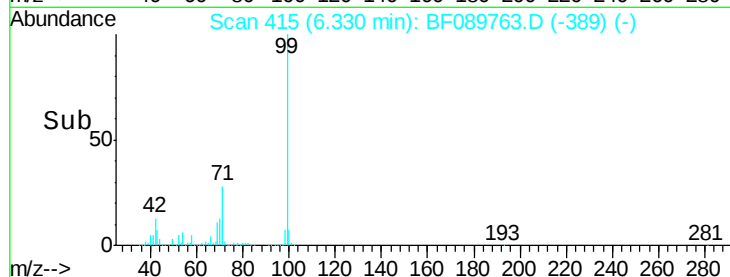
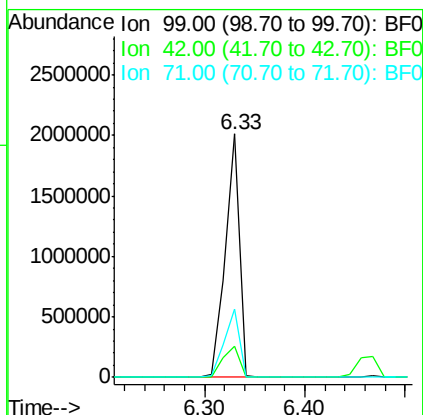
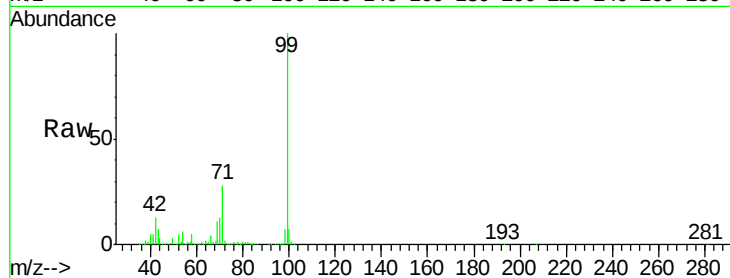
Tot Ion: 99 Resp: 1963358

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.4

71 28.2 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Tgt Ion: 136 Resp: 2776798

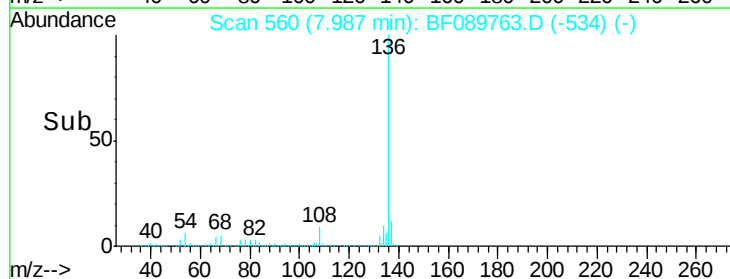
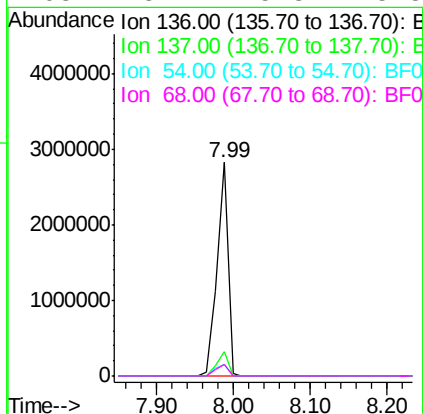
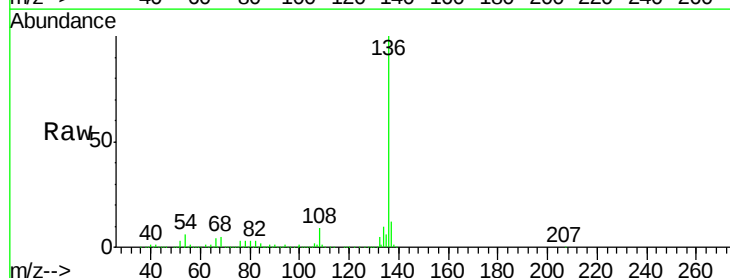
Ion Ratio Lower Upper

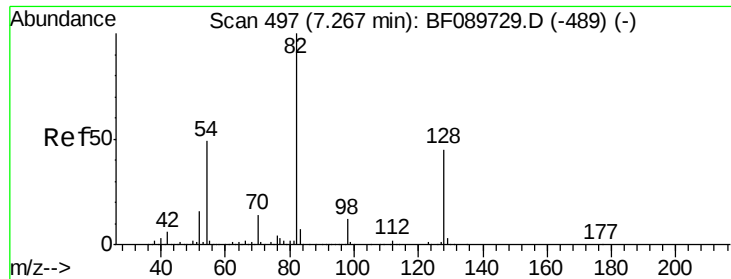
136 100

137 11.6 9.2 13.8

54 5.7 7.2 10.8#

68 5.2 5.8 8.8#

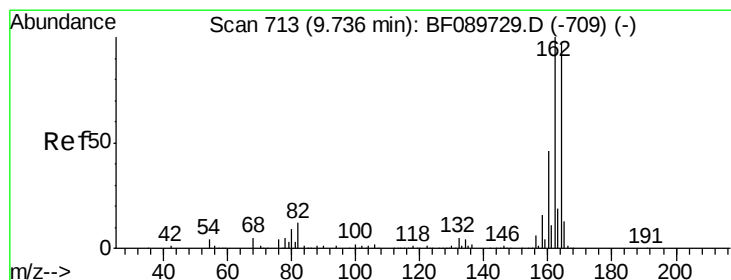
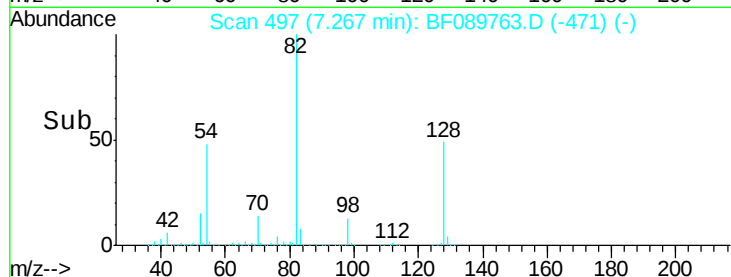
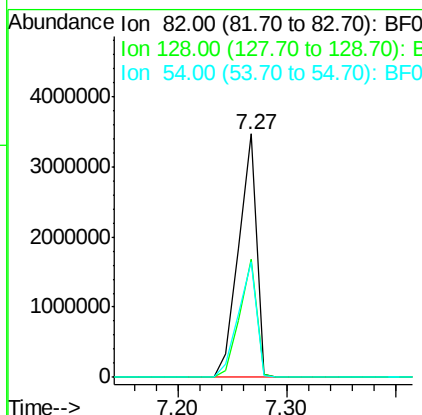
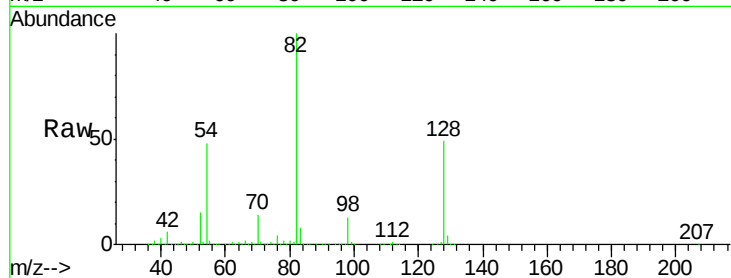




#23
Nitrobenzene-d5
Concen: 85.90 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF089763.D
Acq: 17 Aug 2016 15:23

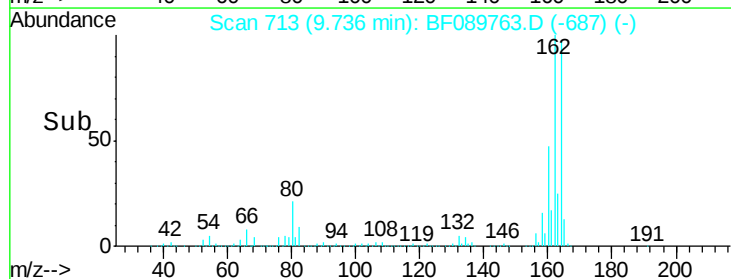
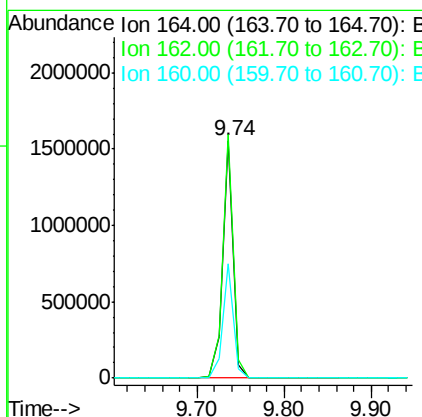
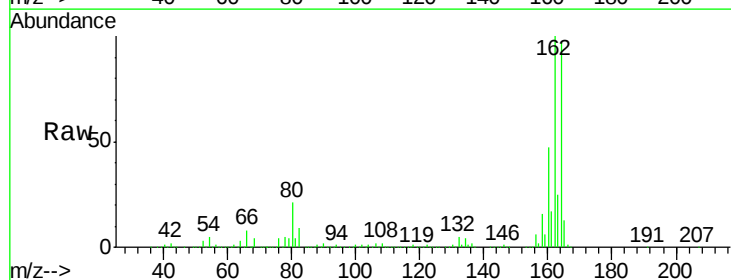
Instrument :
BNA_F
ClientSampleId :
LOCATION-46E

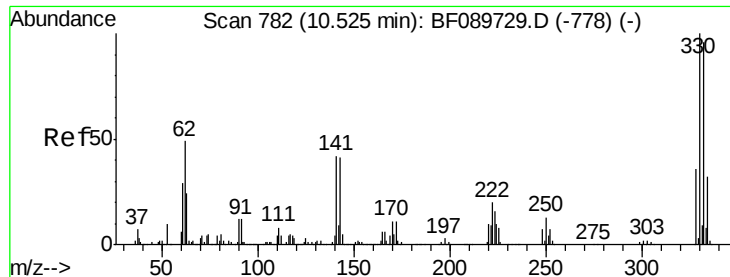
Tot Ion: 82 Resp: 3906197
Ion Ratio Lower Upper
82 100
128 48.7 34.4 51.6
54 47.5 40.3 60.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF089763.D
Acq: 17 Aug 2016 15:23

Tgt Ion:164 Resp: 1328202
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.2
160 48.2 37.8 56.6

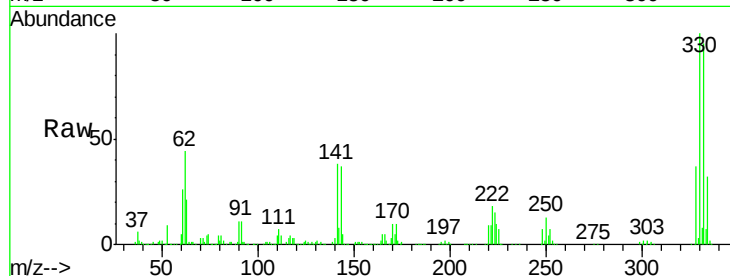




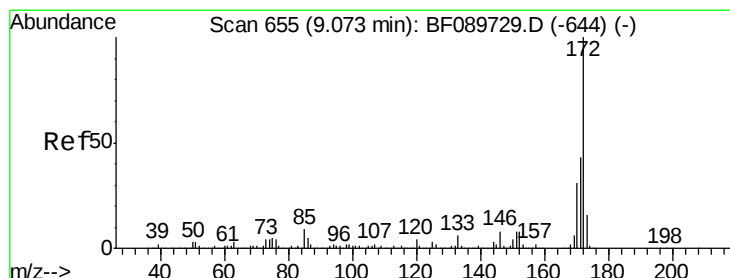
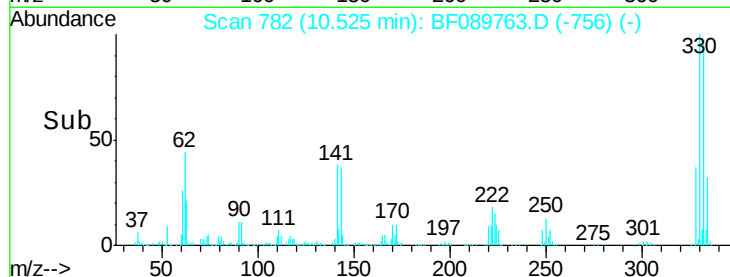
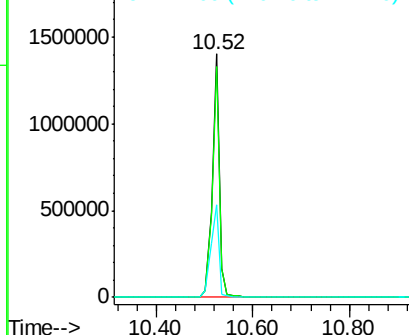
#41
 2,4,6-Tribromophenol
 Concen: 115.92 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF089763.D
 Acq: 17 Aug 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-46E

Tot Ion:330 Resp: 1489549
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 42.7 30.2 45.2

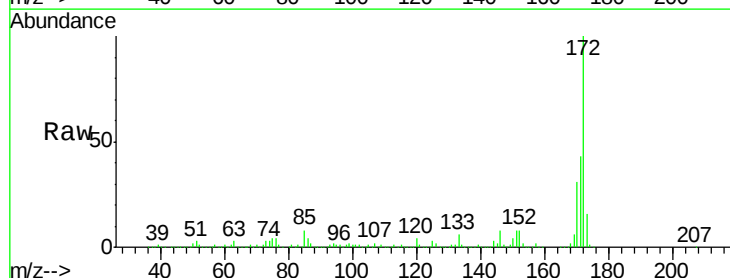


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

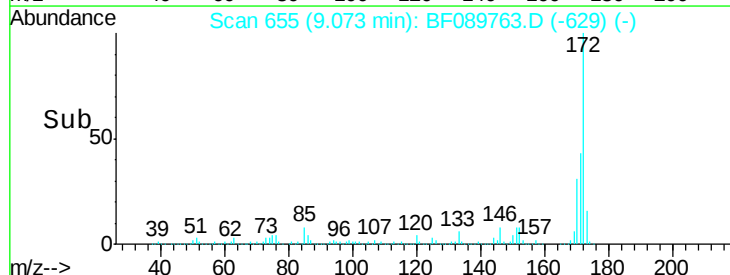
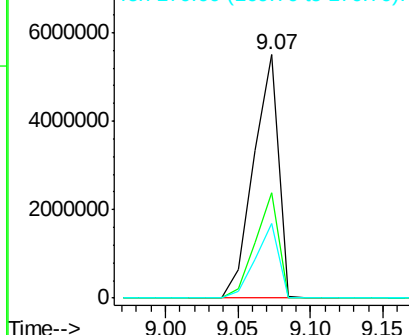


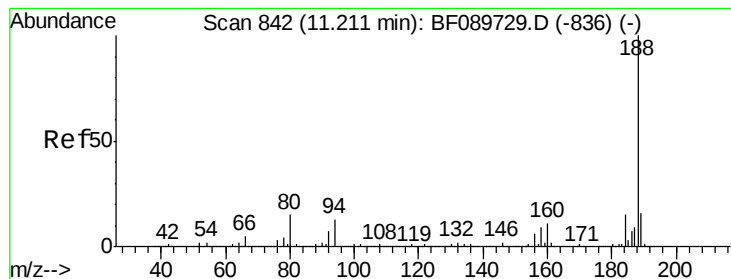
#44
 2-Fluorobiphenyl
 Concen: 79.23 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089763.D
 Acq: 17 Aug 2016 15:23

Tgt Ion:172 Resp: 6558093
 Ion Ratio Lower Upper
 172 100
 171 43.1 30.5 45.7
 170 30.5 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: BF089763.D

Acq: 17 Aug 2016 15:23

Instrument :

BNA_F

ClientSampleId :

LOCATION-46E

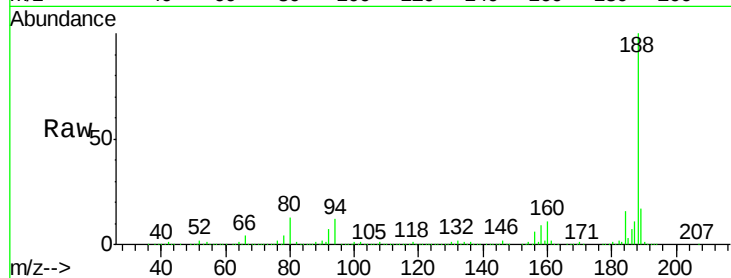
Tot Ion:188 Resp: 2287052

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.2

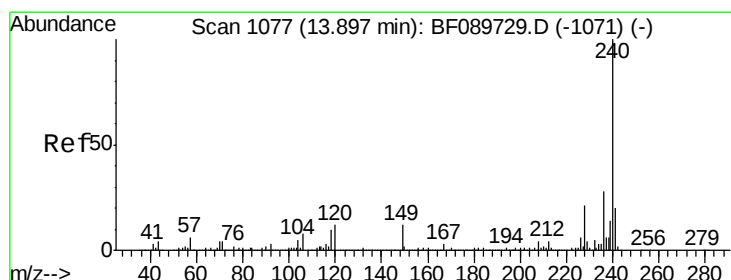
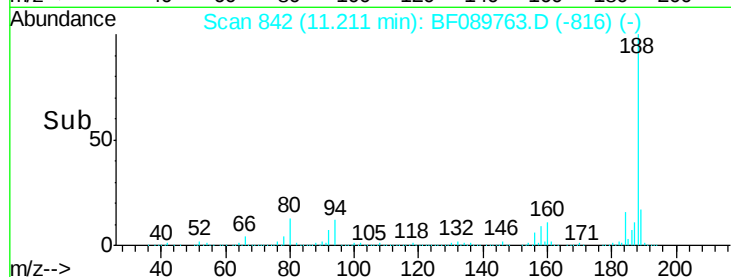
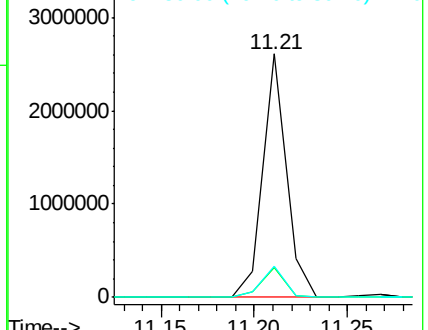
80 13.0 10.9 16.3



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: 13.90 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

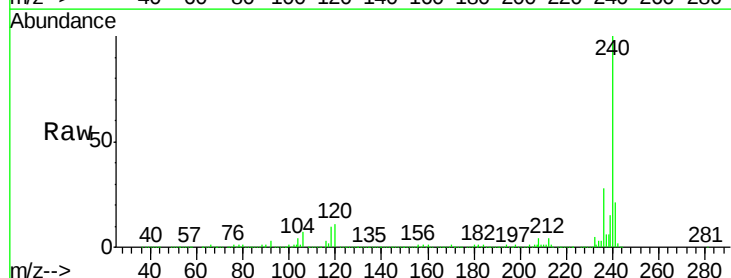
Tgt Ion:240 Resp: 2071589

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

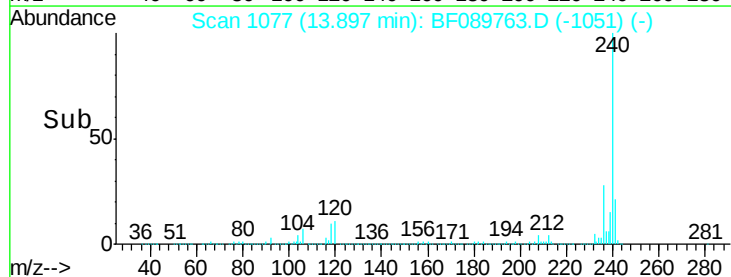
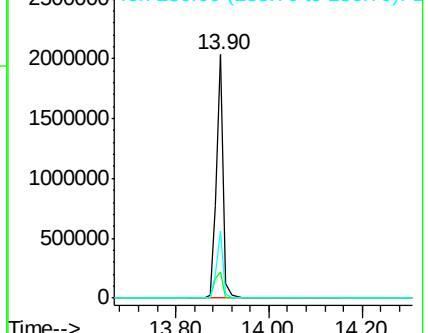
236 27.7 21.3 31.9

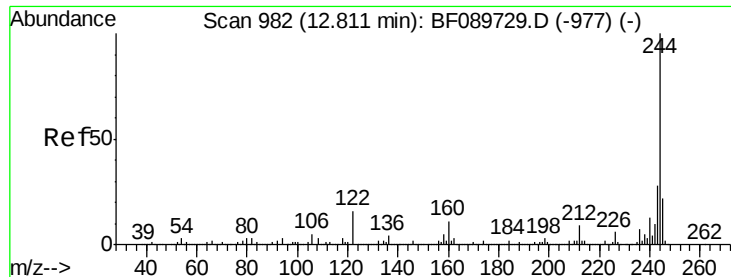


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.26 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

Instrument :

BNA_F

ClientSampleId :

LOCATION-46E

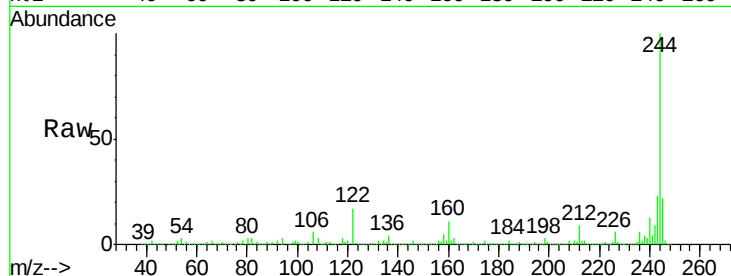
Tot Ion:244 Resp: 5218515

Ion Ratio Lower Upper

244 100

212 9.4 6.3 9.5

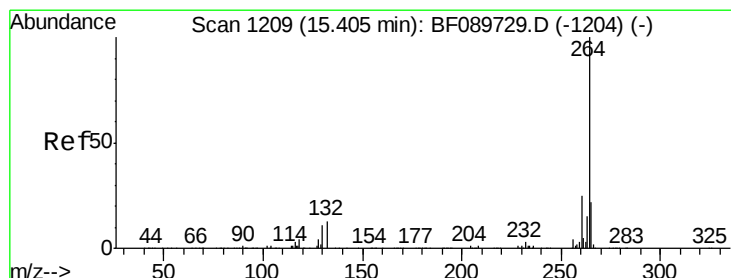
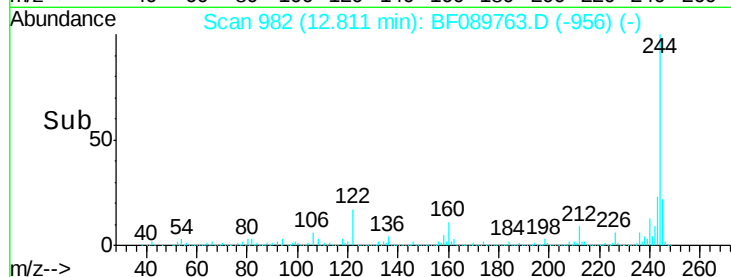
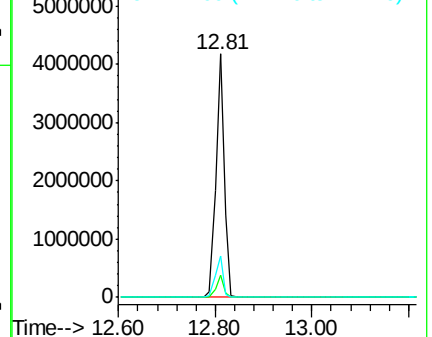
122 16.8 12.0 18.0



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: 15.41 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF089763.D

Acq: 17 Aug 2016 15:23

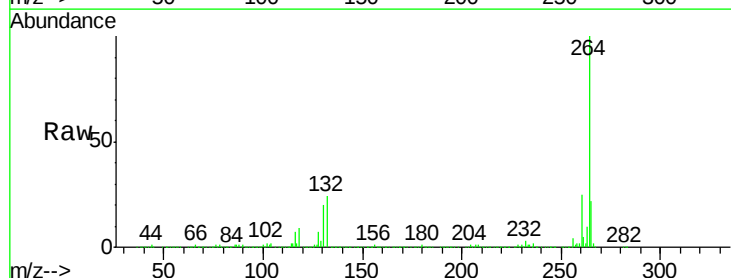
Tgt Ion:264 Resp: 1642859

Ion Ratio Lower Upper

264 100

260 24.6 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

