

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089767.D
 Acq On : 17 Aug 2016 17:09
 Operator : UM/SJ
 Sample : H4476-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F

Quant Time: Aug 17 17:55:47 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

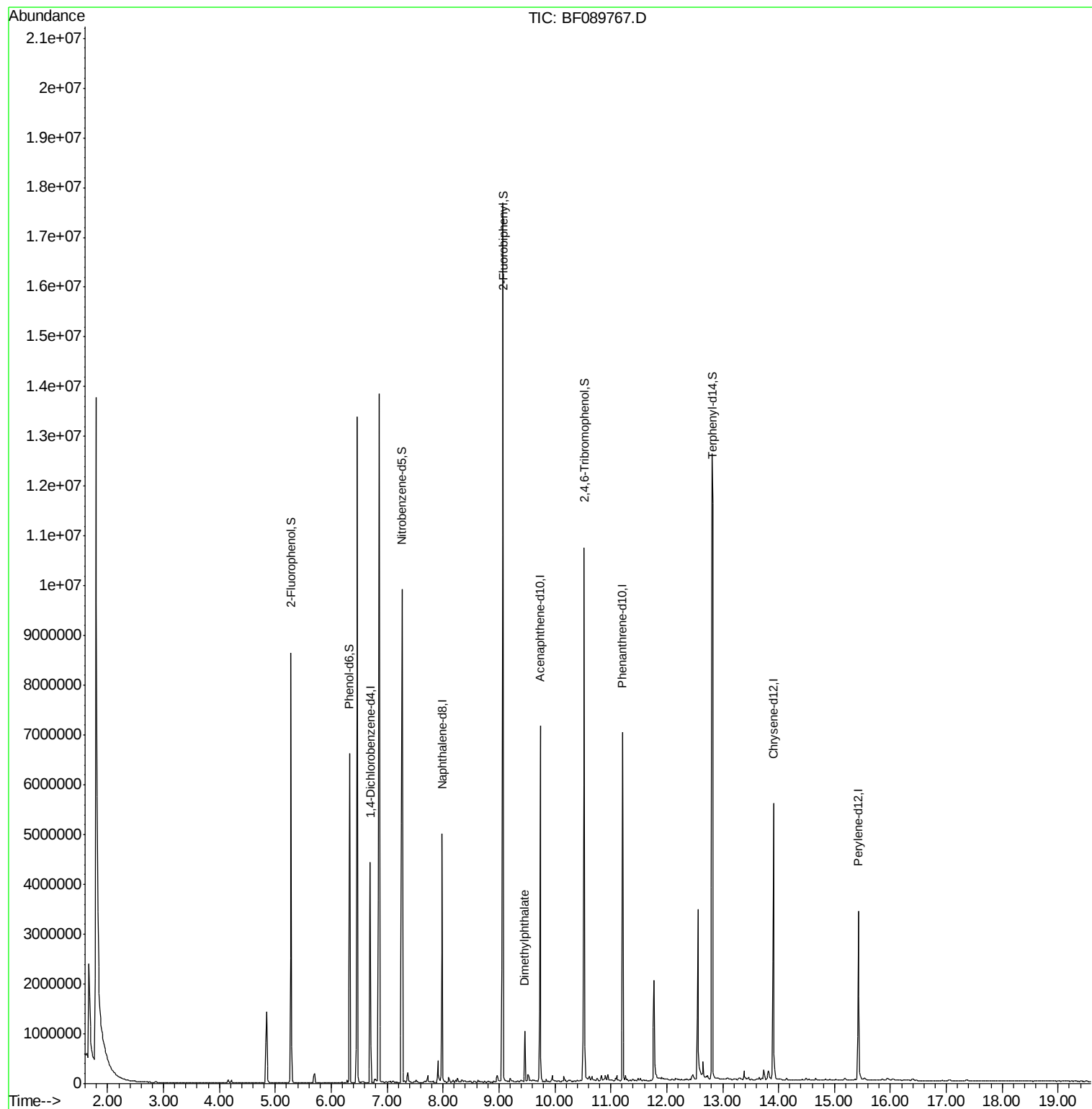
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	629660	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2684330	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1334662	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2293766	20.00	ng	0.00
75) Chrysene-d12	13.91	240	2021403	20.00	ng	0.01
86) Perylene-d12	15.43	264	1554082	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2448096	64.87	ng	0.00
7) Phenol-d6	6.33	99	2273099	47.36	ng	0.00
23) Nitrobenzene-d5	7.27	82	3860736	87.82	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1516706	117.47	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6602340	79.38	ng	0.00
78) Terphenyl-d14	12.82	244	6021602	88.99	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	378986	3.92	ng	Qvalue 98

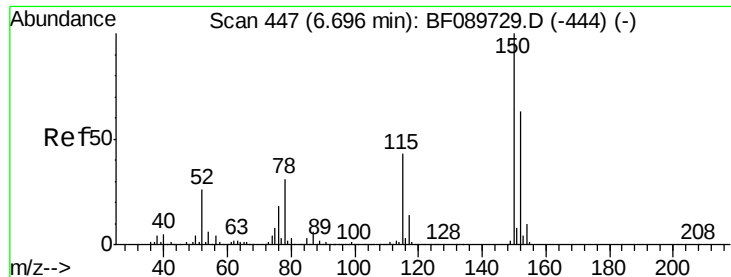
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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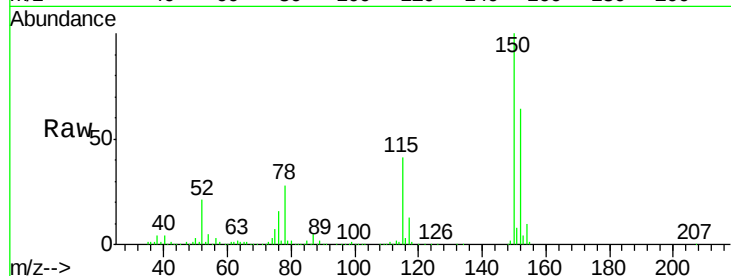


#1

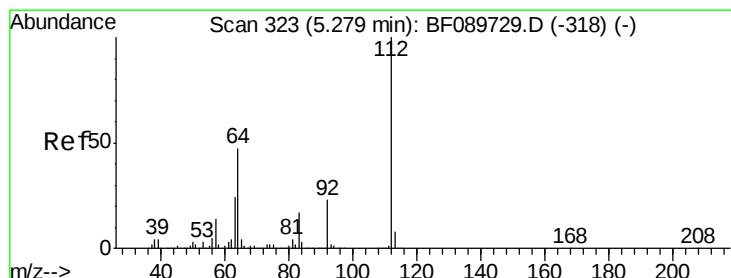
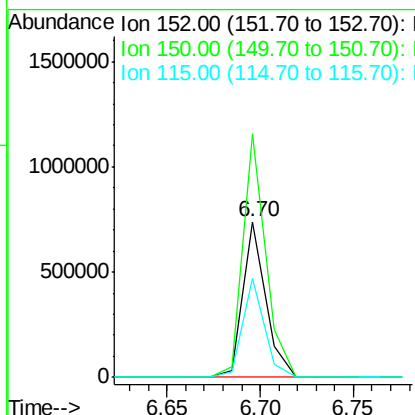
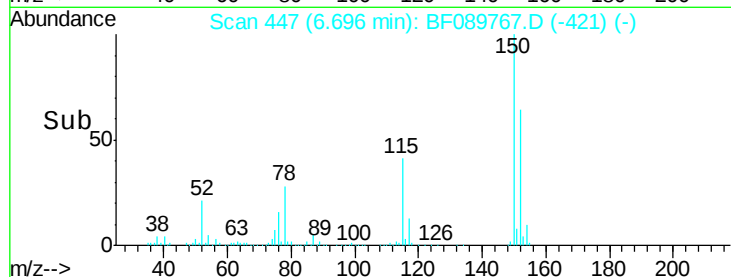
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089767.D
Acq: 17 Aug 2016 17:09

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F

Tot Ion	152	Resp	629660
Ion Ratio	Lower	Upper	
152	100		
150	156.5	125.3	187.9
115	63.7	40.9	61.3



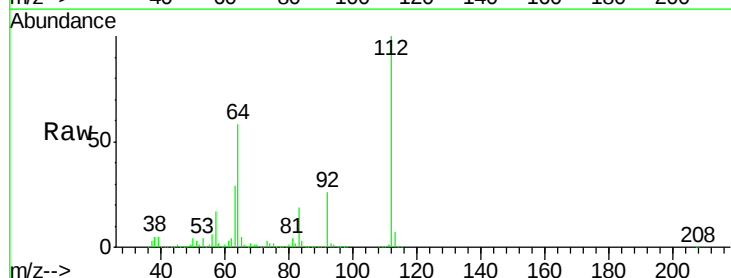
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



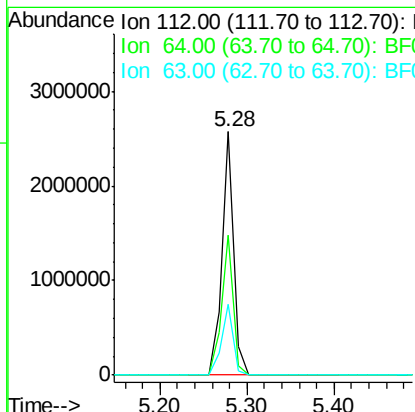
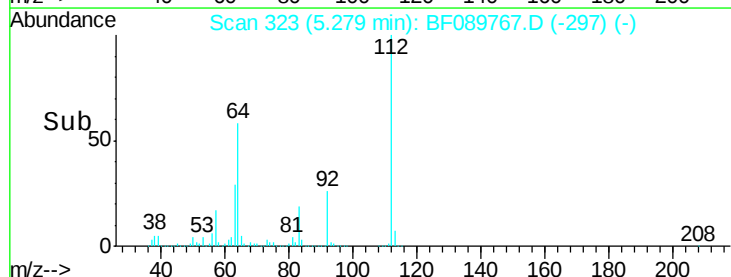
#5

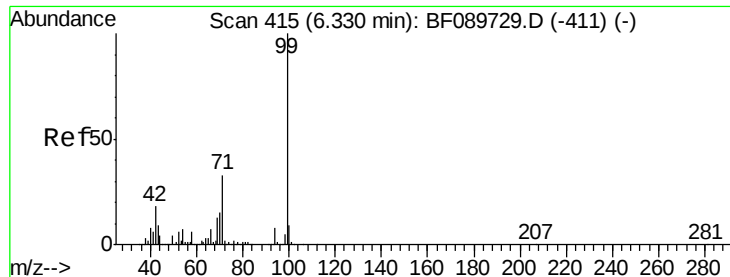
2-Fluorophenol
Concen: 64.87 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089767.D
Acq: 17 Aug 2016 17:09

Tgt Ion	112	Resp	2448096
Ion Ratio	Lower	Upper	
112	100		
64	57.5	45.0	67.4
63	29.1	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: 47.36 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F

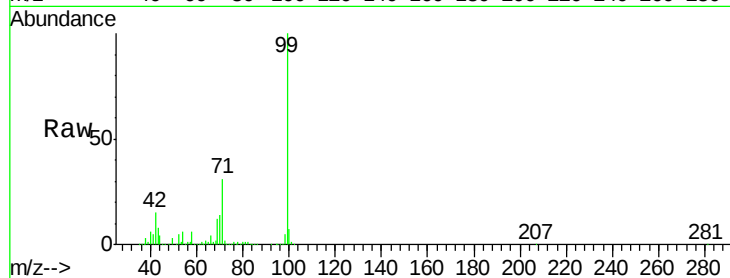
Tot Ion: 99 Resp: 2273099

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.4

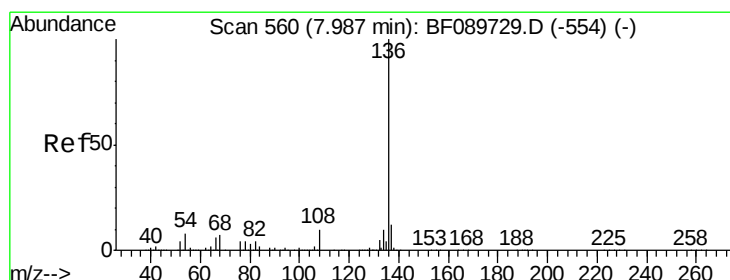
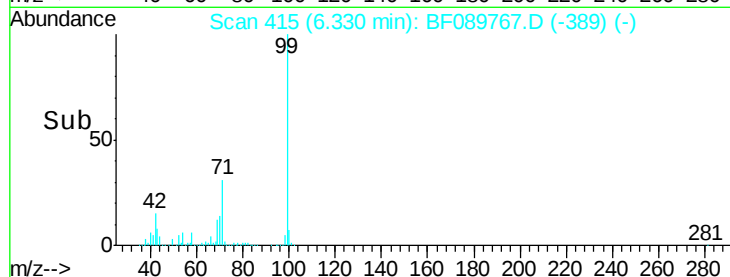
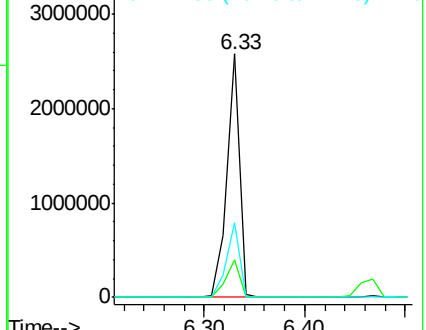
71 30.6 23.8 35.8



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: BF089767.D

Acq: 17 Aug 2016 17:09

Tgt Ion: 136 Resp: 2684330

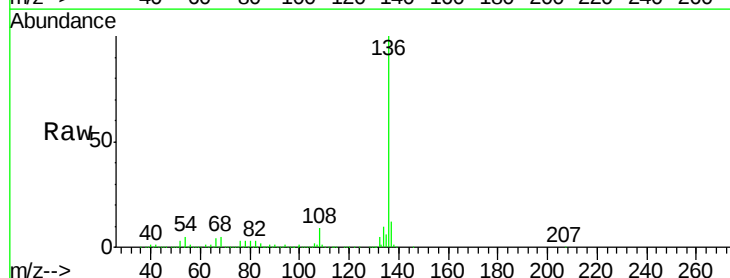
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.3 7.2 10.8#

68 5.0 5.8 8.8#

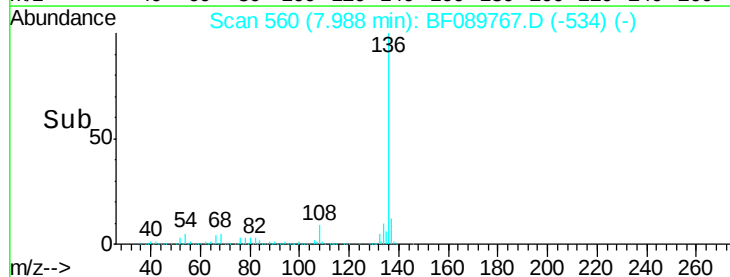
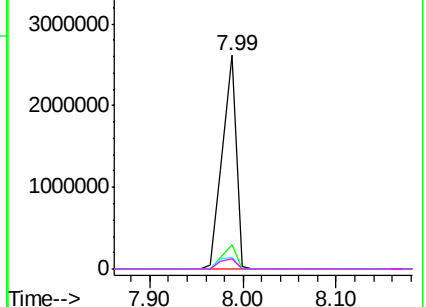


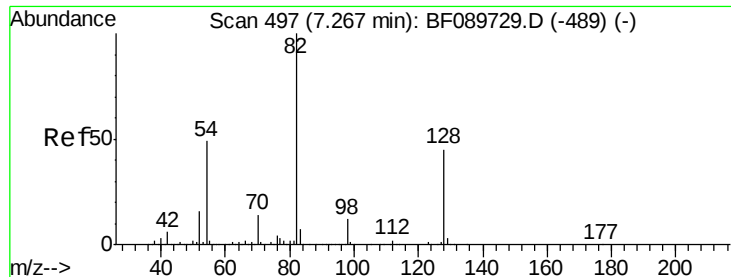
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.82 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F

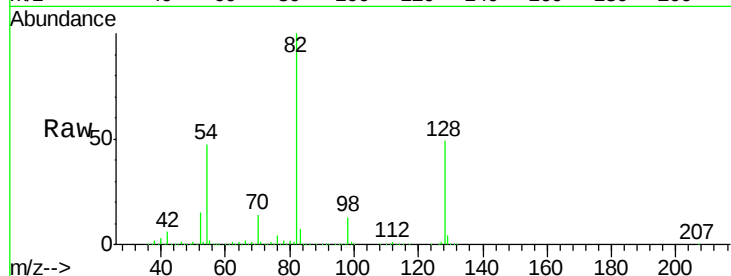
Tot Ion: 82 Resp: 3860736

Ion Ratio Lower Upper

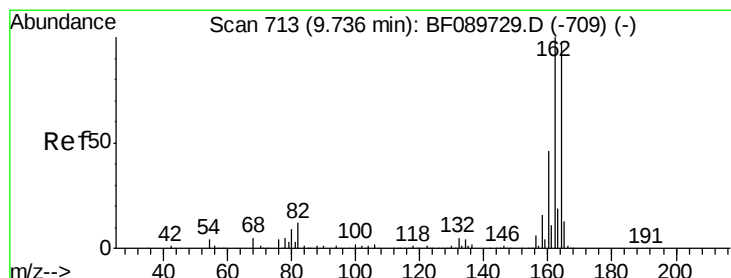
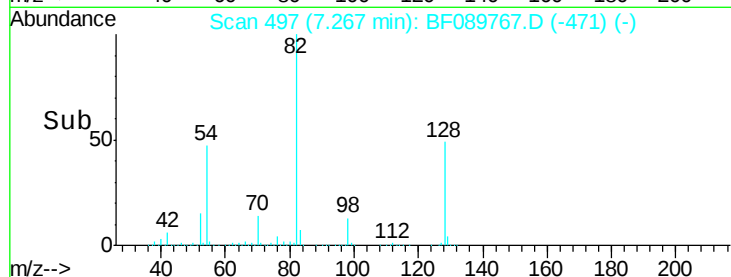
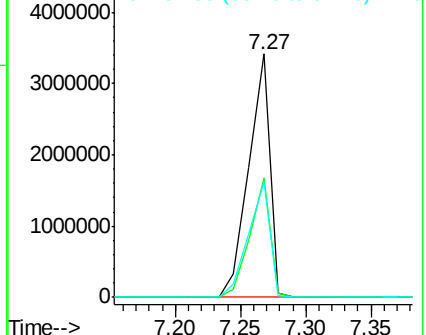
82 100

128 49.1 34.4 51.6

54 47.3 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

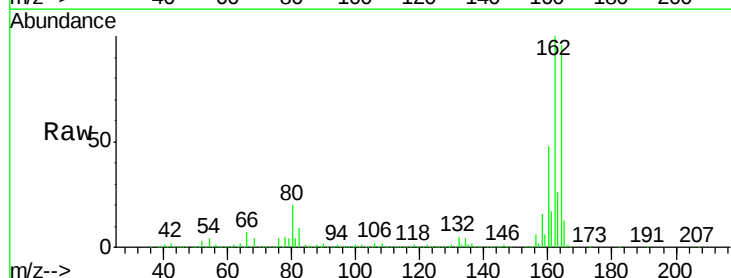
Tgt Ion:164 Resp: 1334662

Ion Ratio Lower Upper

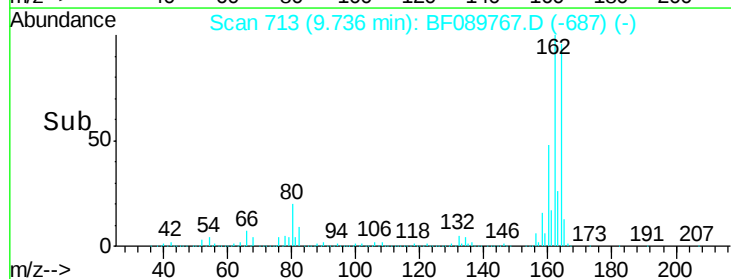
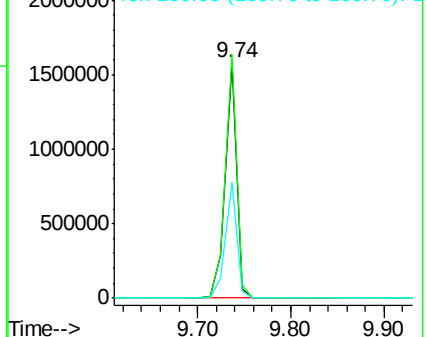
164 100

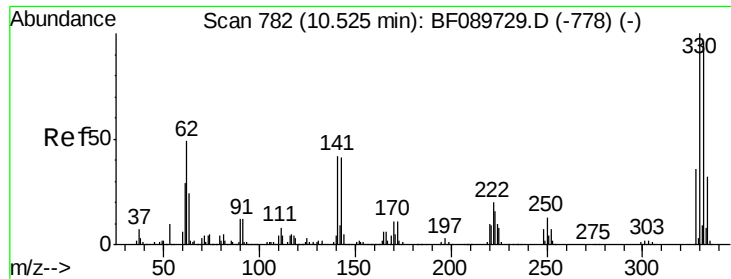
162 103.7 81.4 122.2

160 49.4 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): BF0
Ion 162.00 (161.70 to 162.70): BF0
Ion 160.00 (159.70 to 160.70): BF0

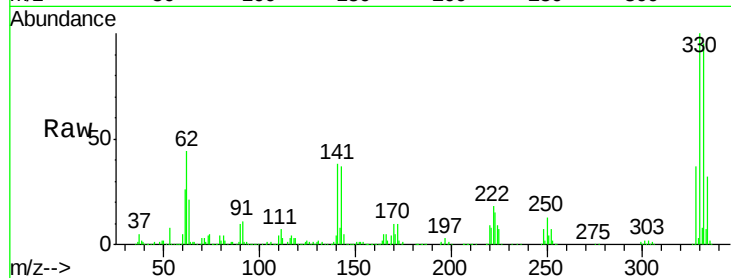




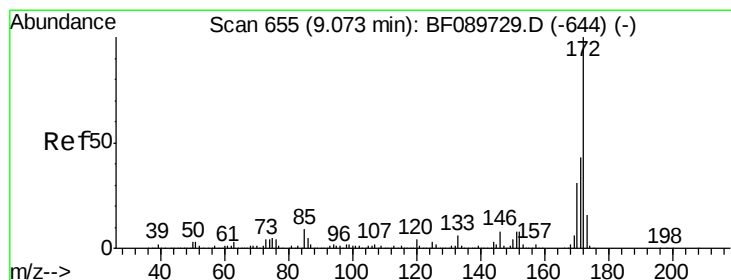
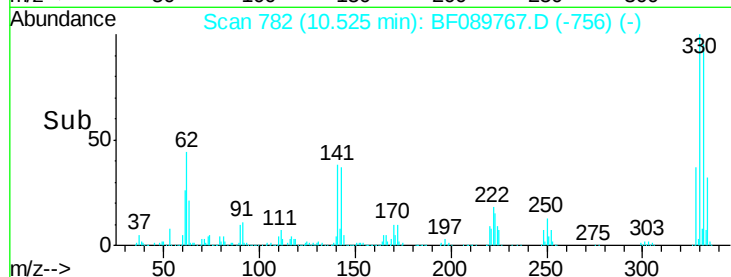
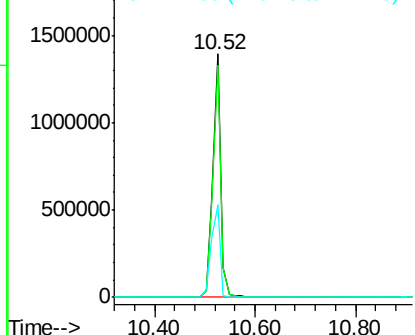
#41
 2,4,6-Tribromophenol
 Concen: 117.47 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089767.D
 Acq: 17 Aug 2016 17:09

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F

Tot Ion:330 Resp: 1516706
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 42.5 30.2 45.2

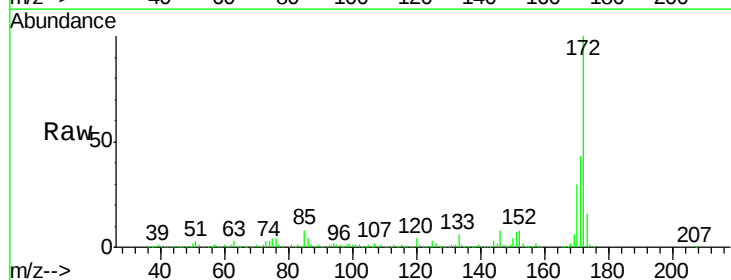


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

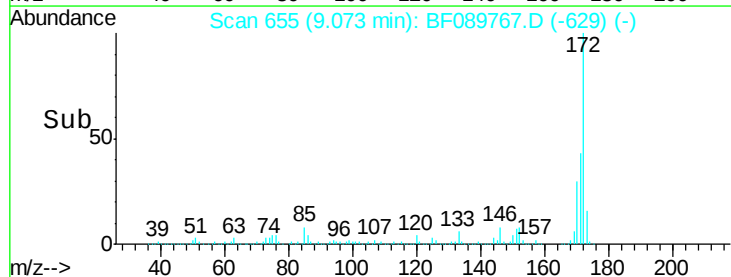
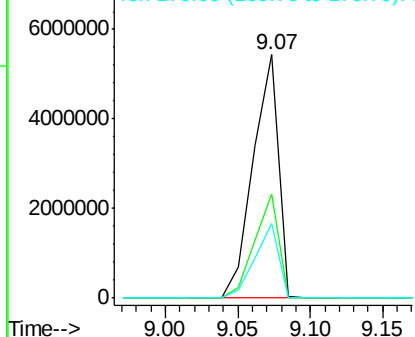


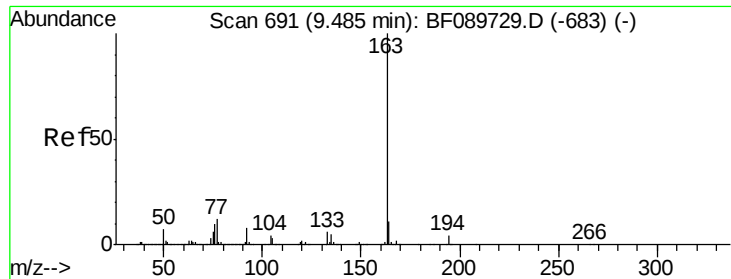
#44
 2-Fluorobiphenyl
 Concen: 79.38 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089767.D
 Acq: 17 Aug 2016 17:09

Tgt Ion:172 Resp: 6602340
 Ion Ratio Lower Upper
 172 100
 171 43.0 30.5 45.7
 170 30.4 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

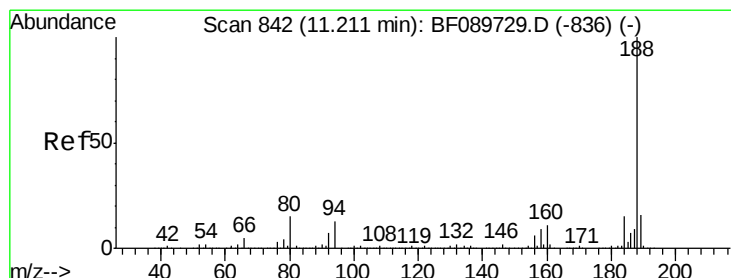
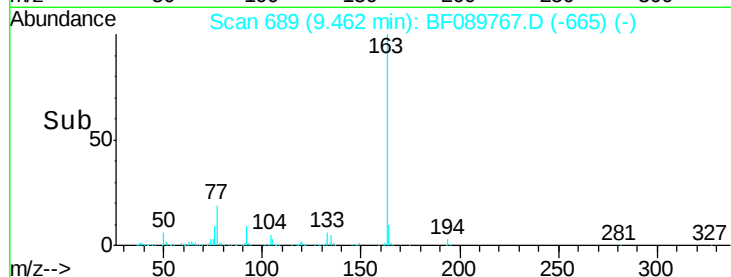
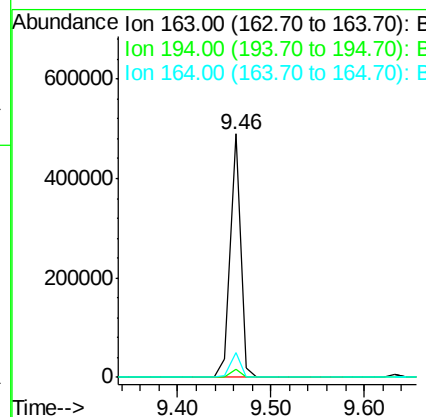
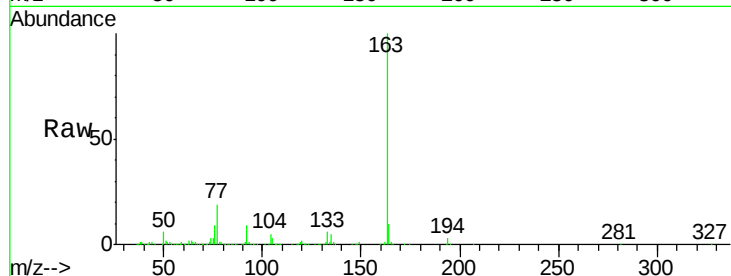




#49
Dimethylphthalate
Concen: 3.92 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF089767.D
Acq: 17 Aug 2016 17:09

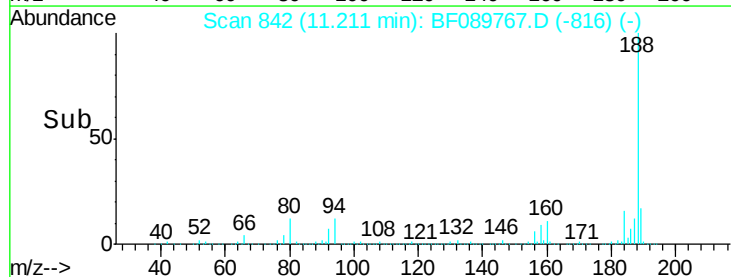
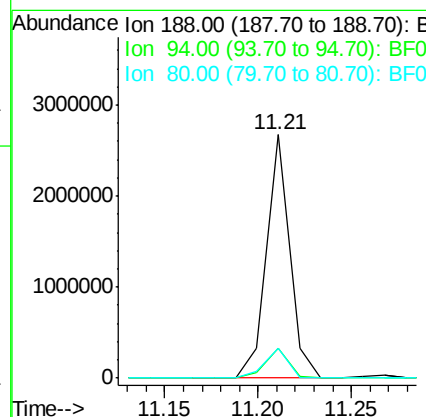
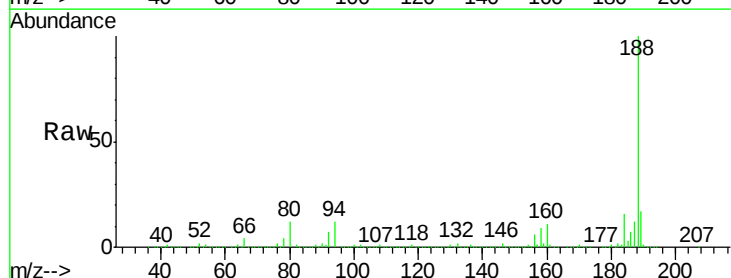
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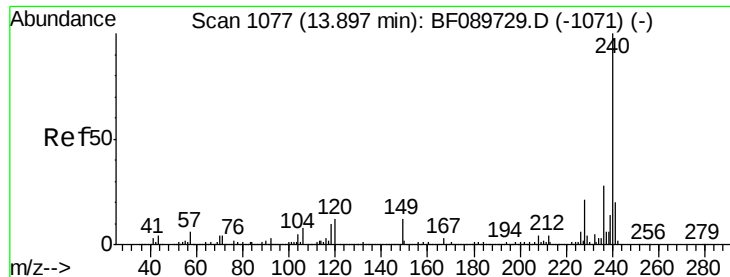
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	3.8
164	9.9	8.6	12.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089767.D
Acq: 17 Aug 2016 17:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.2	15.2
80	12.5	10.9	16.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F

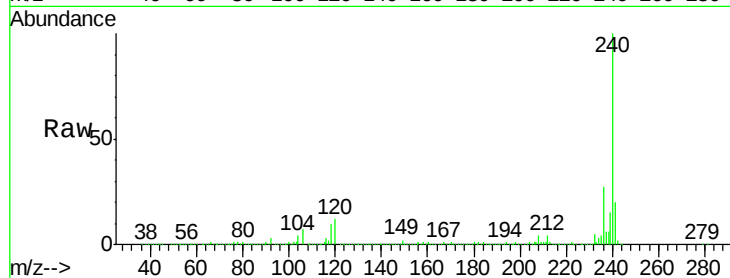
Tot Ion:240 Resp: 2021403

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

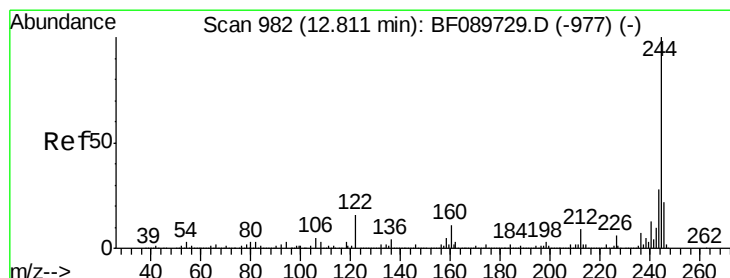
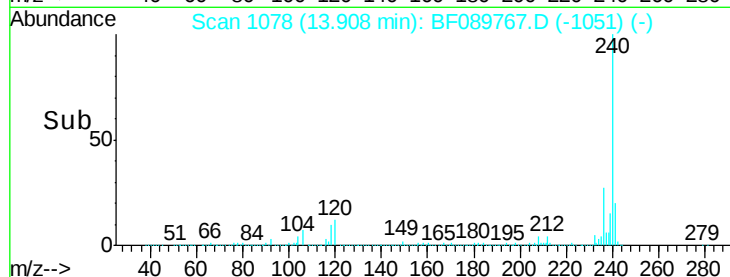
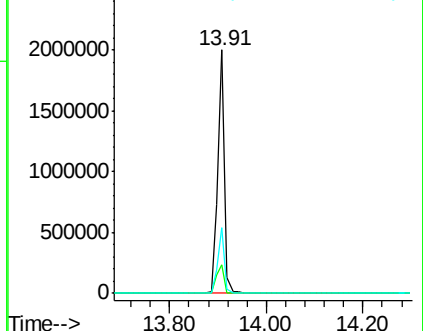
236 26.8 21.3 31.9



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: 88.99 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

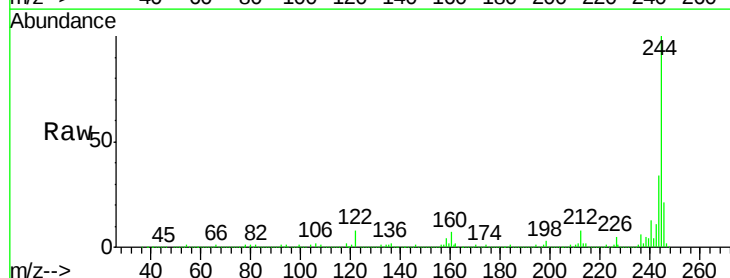
Tgt Ion:244 Resp: 6021602

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

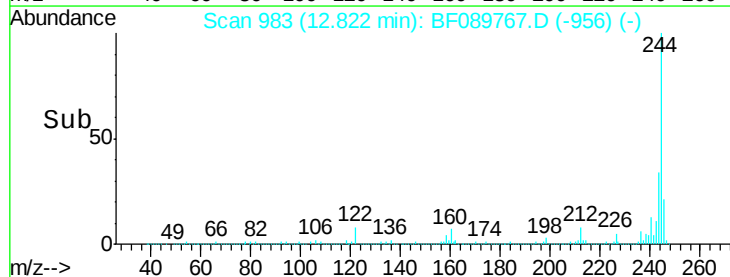
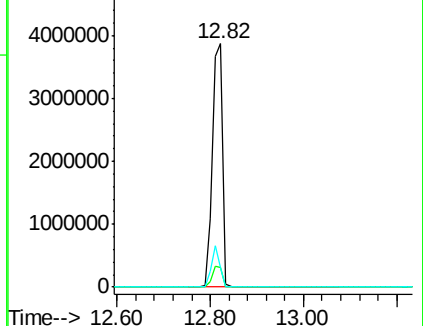
122 8.2 12.0 18.0#

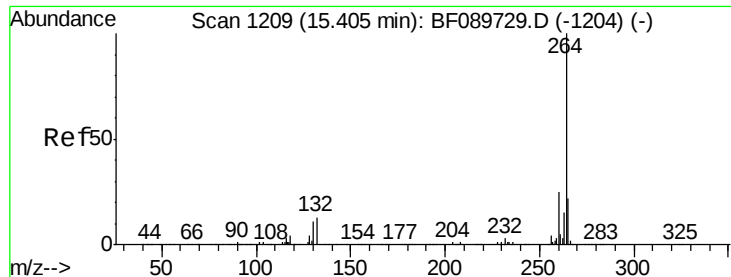


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. 0.02 min
 Lab File: BF089767.D
 Acq: 17 Aug 2016 17:09

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F

Tot Ion:264 Resp: 1554082
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.2
 265 22.4 17.4 26.2

