

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
 Data File : BF089765.D
 Acq On : 17 Aug 2016 16:16
 Operator : UM/SJ
 Sample : H4476-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3A

Quant Time: Aug 17 16:39:58 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

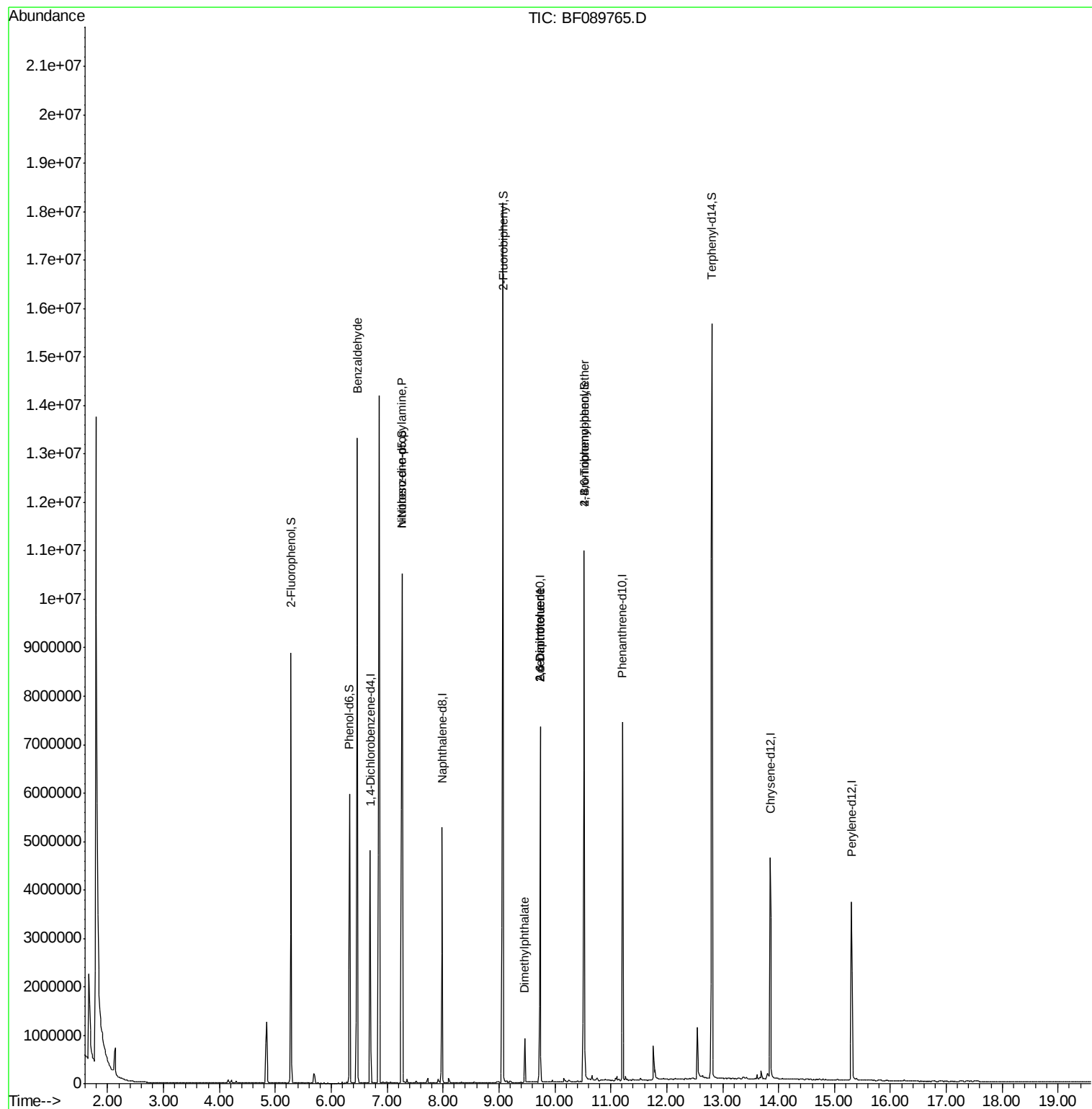
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	687824	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2832607	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1406114	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2407111	20.00	ng	0.00
75) Chrysene-d12	13.85	240	2075450	20.00	ng	-0.05
86) Perylene-d12	15.30	264	1766054	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2546846	61.78	ng	0.00
7) Phenol-d6	6.33	99	2261628	43.13	ng	0.00
23) Nitrobenzene-d5	7.27	82	4200089	90.54	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1629893	119.82	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	7008329	79.98	ng	0.00
78) Terphenyl-d14	12.81	244	5794734	83.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	112003	3.22	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.27	70	588670	17.14	ng	# 74
49) Dimethylphthalate	9.46	163	348918	3.43	ng	99
50) 2,6-Dinitrotoluene	9.74	165	187617	8.15	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	187625	6.34	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	102403	4.11	ng	# 1

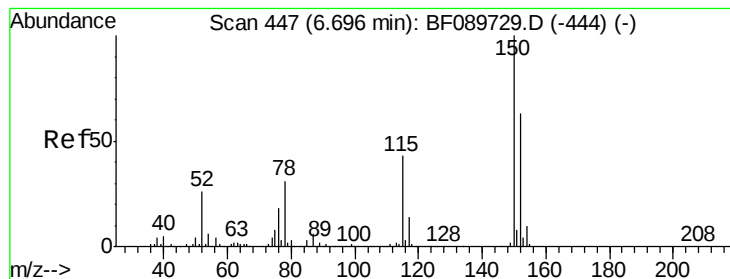
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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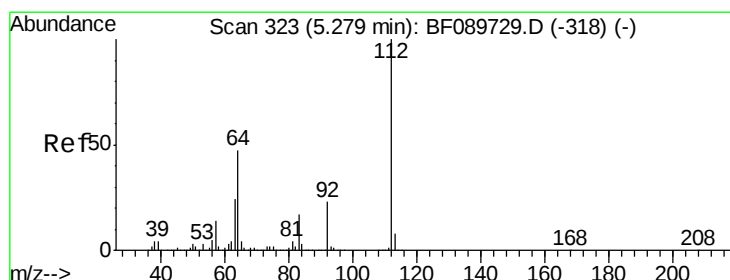
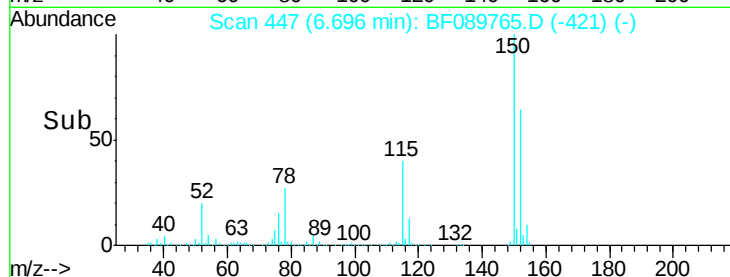
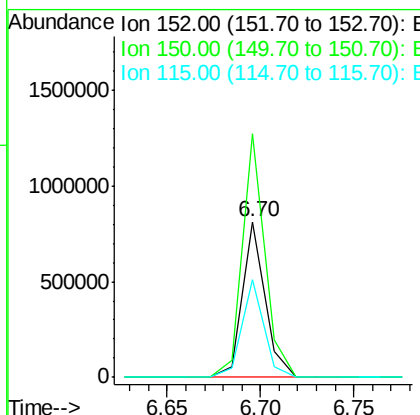
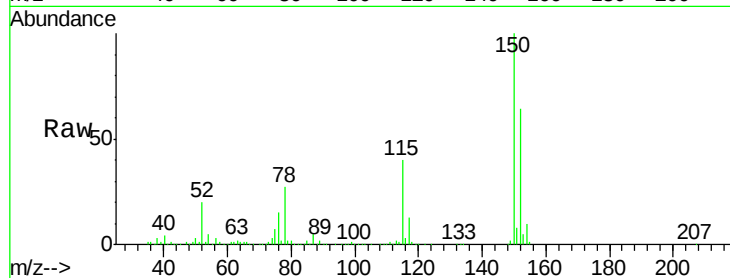




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

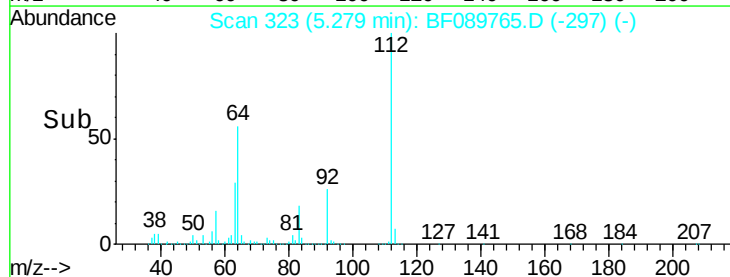
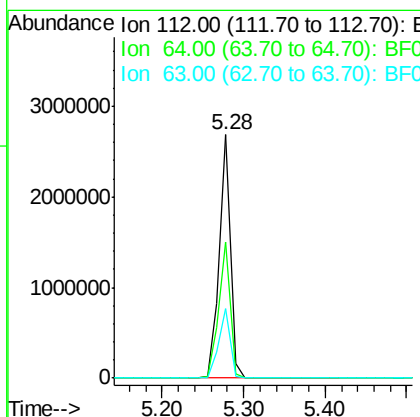
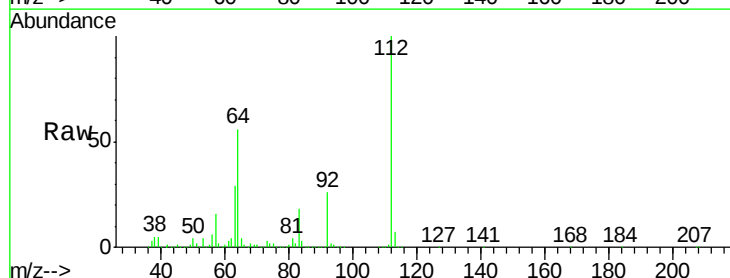
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3A

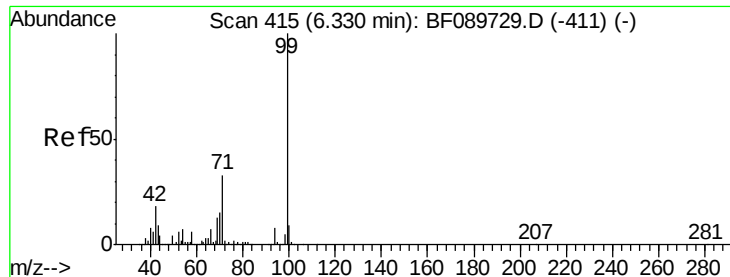
Tgt Ion:152 Resp: 687824
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.3 187.9
 115 63.1 40.9 61.3#



#5
 2-Fluorophenol
 Concen: 61.78 ng
 RT: 5.28 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Tgt Ion:112 Resp: 2546846
 Ion Ratio Lower Upper
 112 100
 64 55.6 45.0 67.4
 63 28.8 23.1 34.7





#7

Phenol-d6

Concen: 43.13 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

Instrument :

BNA_F

ClientSampleId :

LOCATION-3A

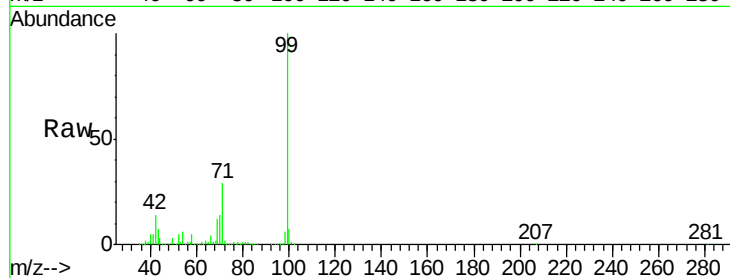
Tgt Ion: 99 Resp: 2261628

Ion Ratio Lower Upper

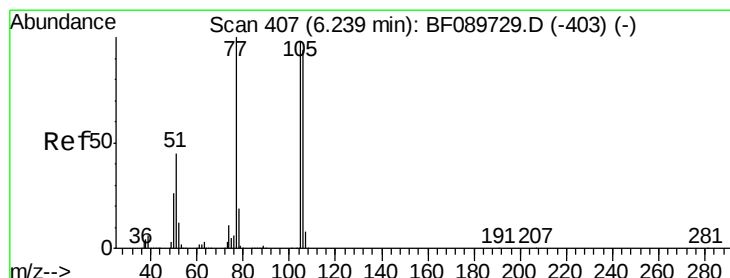
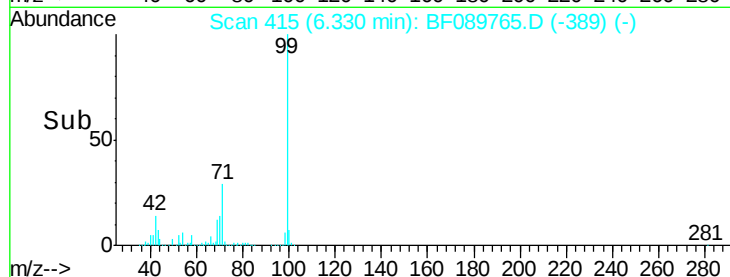
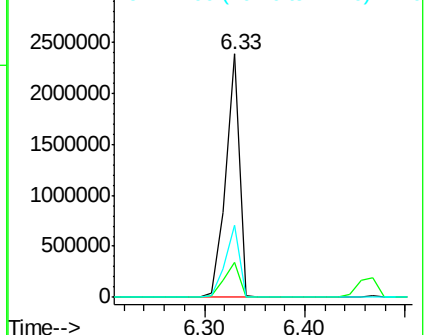
99 100

42 14.3 12.2 18.4

71 29.4 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



#9

Benzaldehyde

Concen: 3.22 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

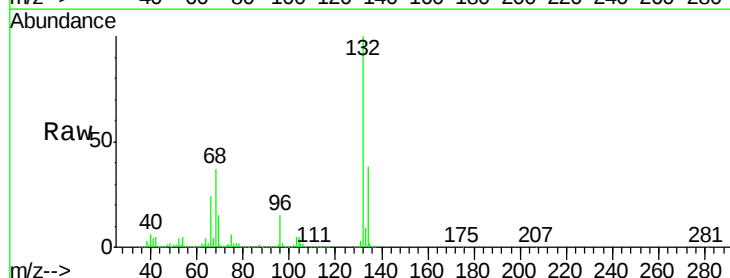
Tgt Ion: 77 Resp: 112003

Ion Ratio Lower Upper

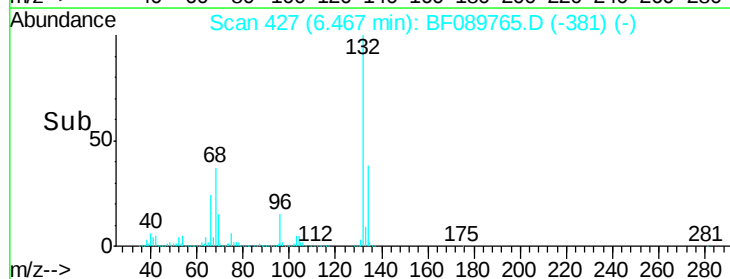
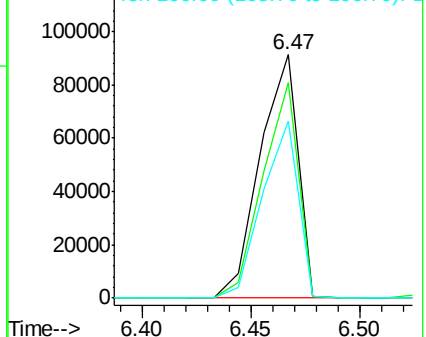
77 100

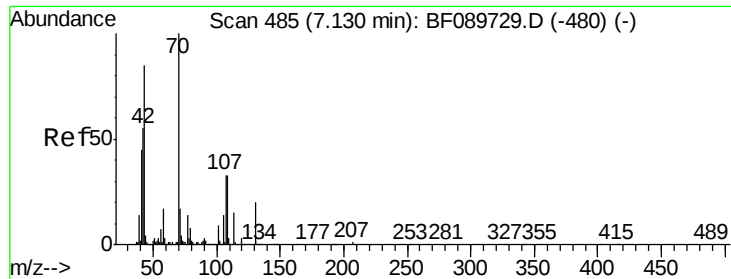
105 88.4 73.3 113.3

106 72.9 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

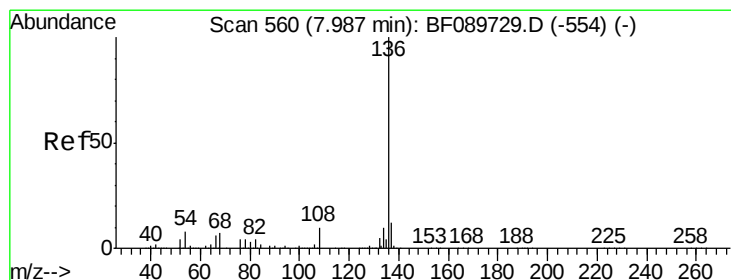
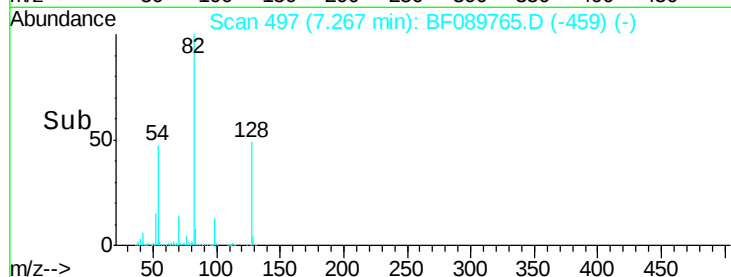
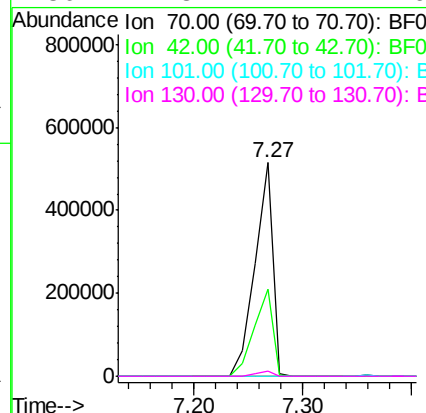
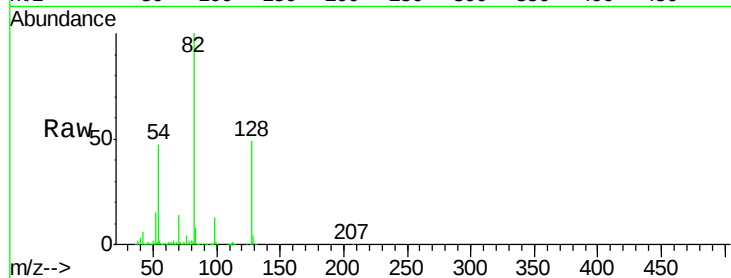




#19
n-Nitroso-di-n-propylamine
Concen: 17.14 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.14 min
Lab File: BF089765.D
Acq: 17 Aug 2016 16:16

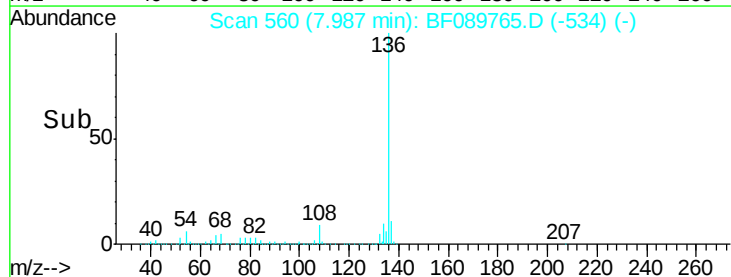
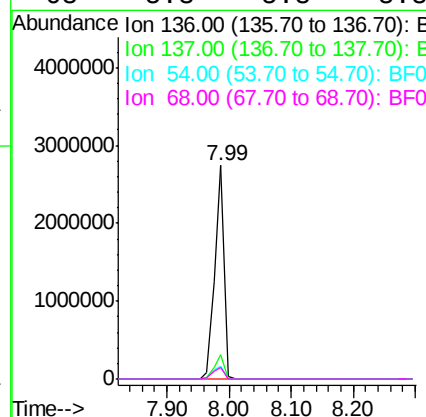
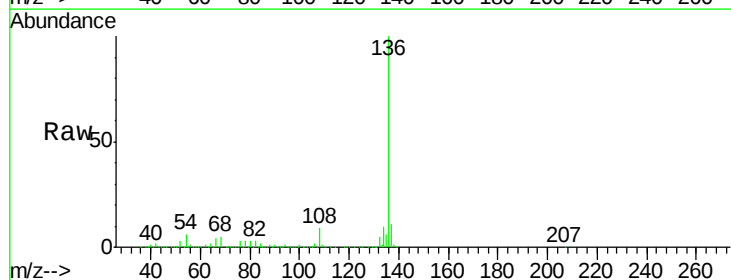
Instrument :
BNA_F
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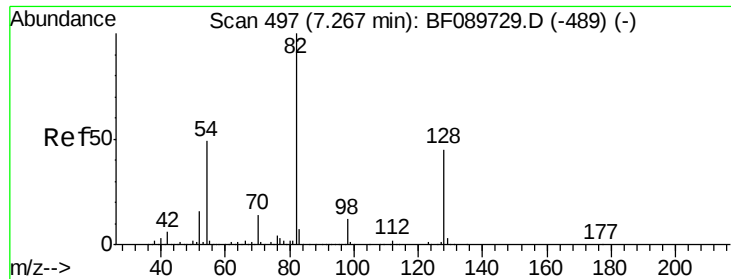
Tgt Ion:	70	Resp:	588670
Ion	Ratio	Lower	Upper
70	100		
42	40.6	46.3	69.5#
101	0.0	7.0	10.6#
130	2.3	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089765.D
Acq: 17 Aug 2016 16:16

Tgt Ion:	136	Resp:	2832607
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	5.8	7.2	10.8#
68	5.3	5.8	8.8#

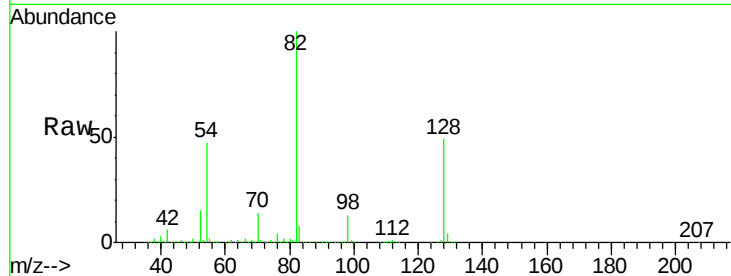




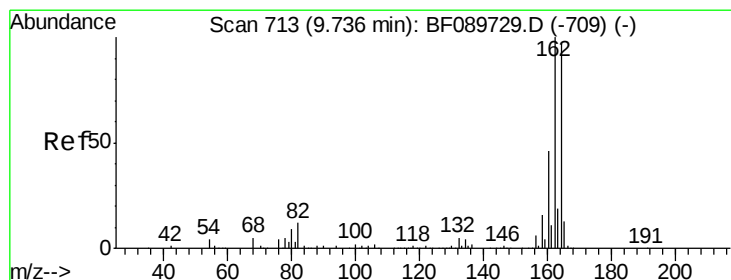
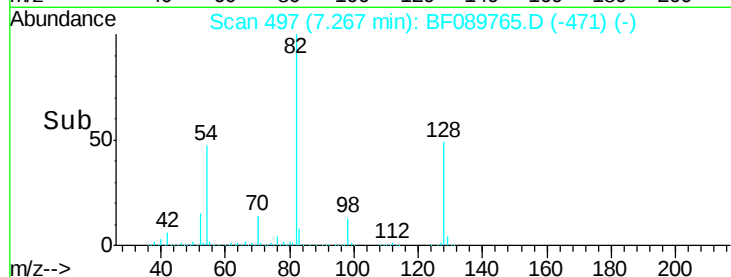
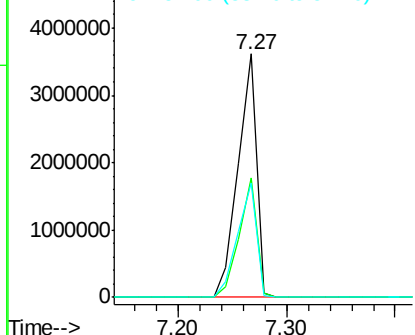
#23
 Nitrobenzene-d5
 Concen: 90.54 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3A

Tgt Ion: 82 Resp: 4200089
 Ion Ratio Lower Upper
 82 100
 128 49.3 34.4 51.6
 54 47.2 40.3 60.5

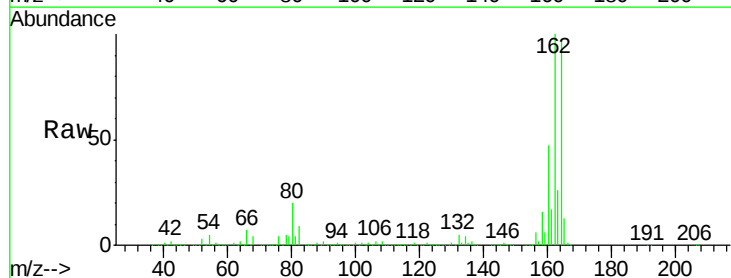


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

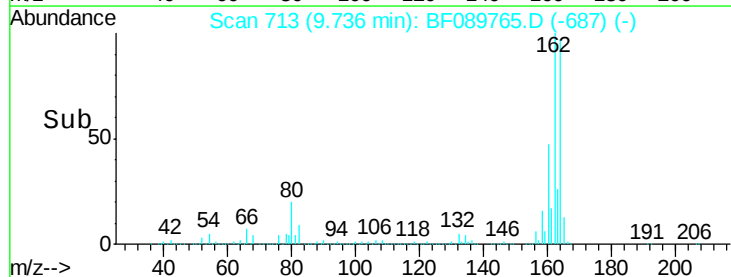
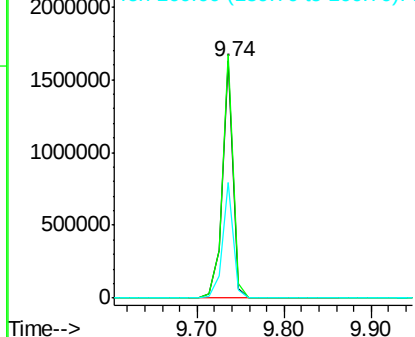


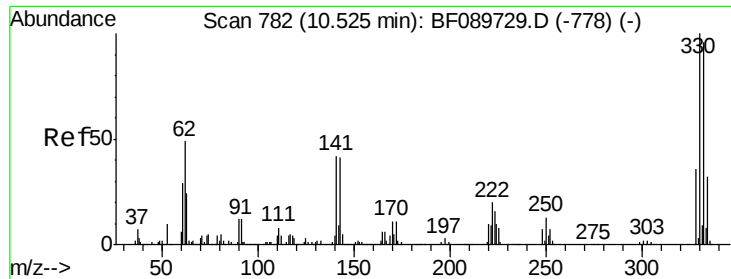
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Tgt Ion: 164 Resp: 1406114
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.4 122.2
 160 48.8 37.8 56.6



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

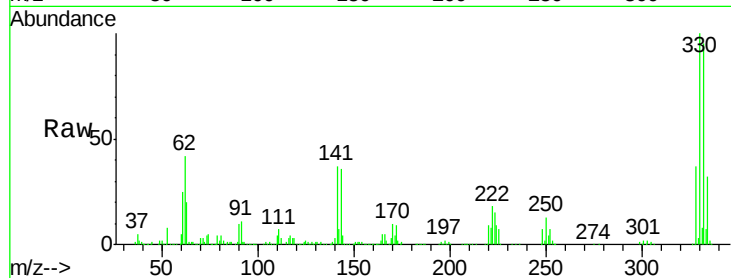




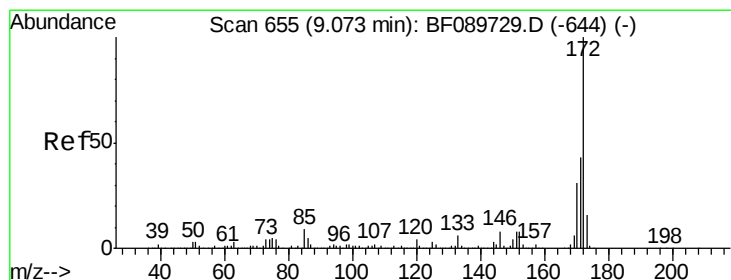
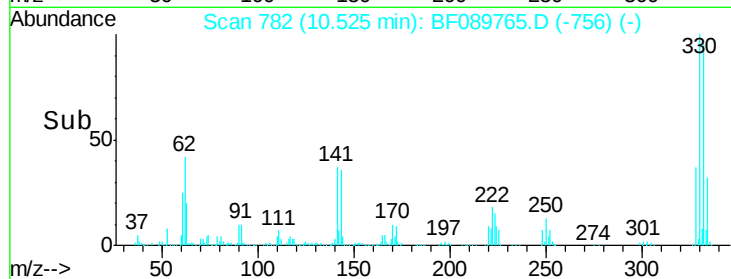
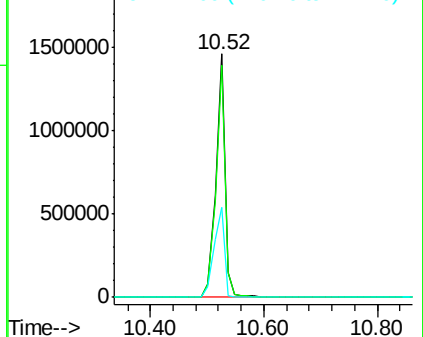
#41
 2,4,6-Tribromophenol
 Concen: 119.82 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

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 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 1629893
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 42.0 30.2 45.2

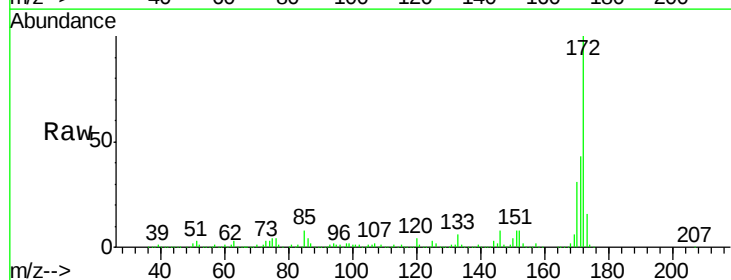


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

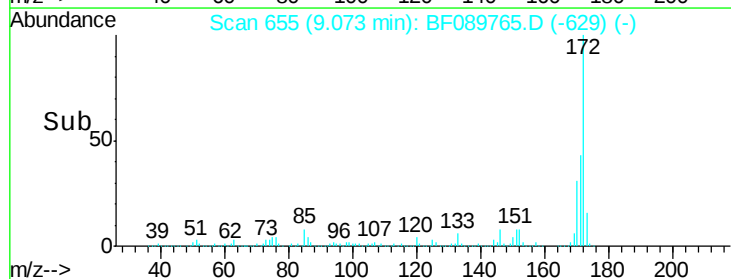
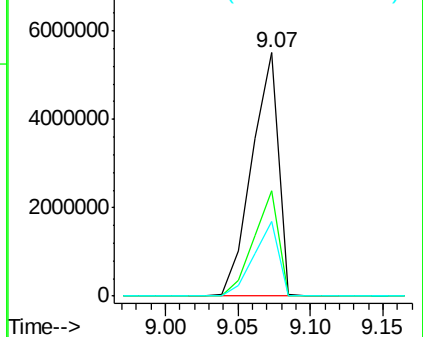


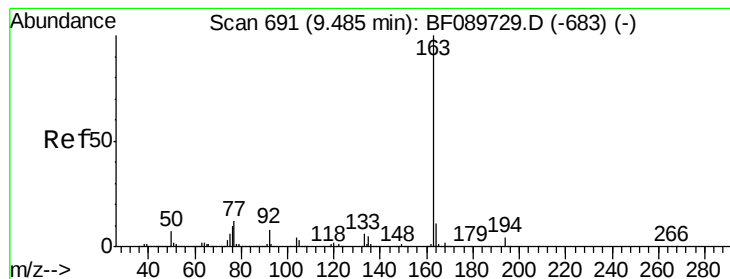
#44
 2-Fluorobiphenyl
 Concen: 79.98 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Tgt Ion:172 Resp: 7008329
 Ion Ratio Lower Upper
 172 100
 171 43.1 30.5 45.7
 170 30.8 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: 3.43 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

Instrument :

BNA_F

ClientSampleId :

LOCATION-3A

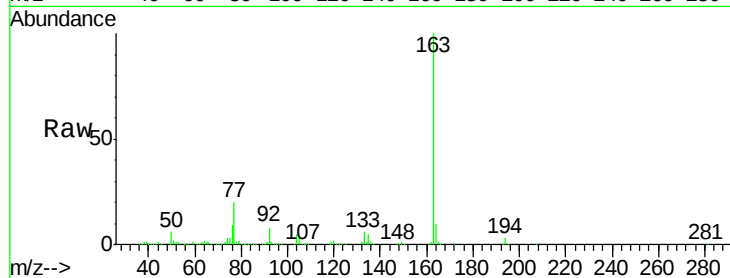
Tgt Ion:163 Resp: 348918

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

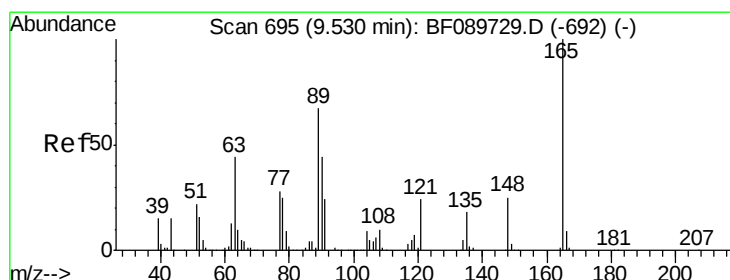
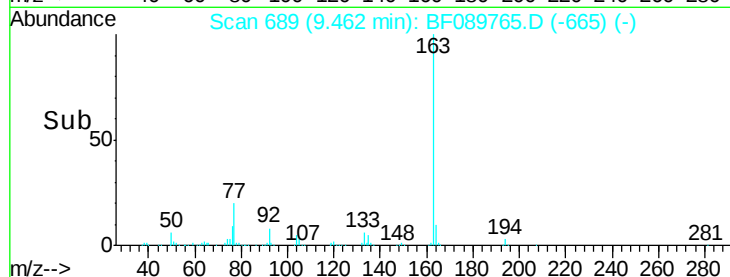
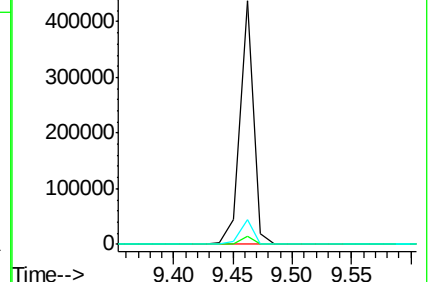
164 10.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.15 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.21 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

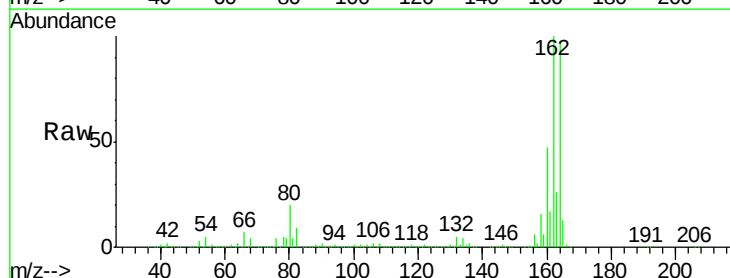
Tgt Ion:165 Resp: 187617

Ion Ratio Lower Upper

165 100

63 1.1 41.7 62.5#

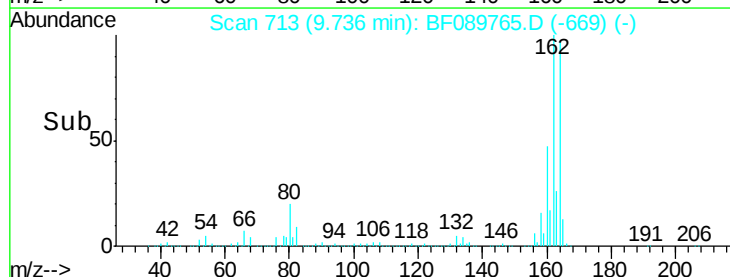
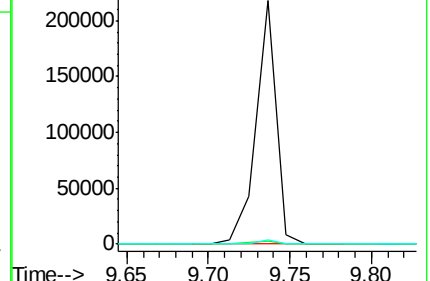
89 1.5 44.6 67.0#

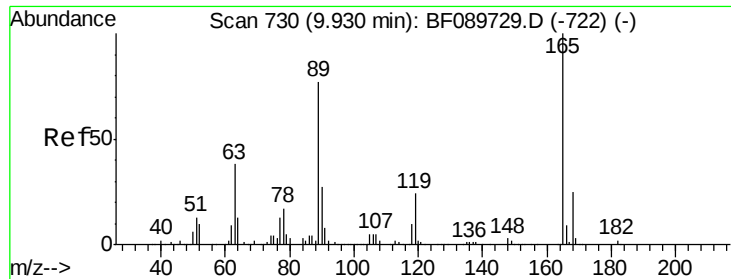


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

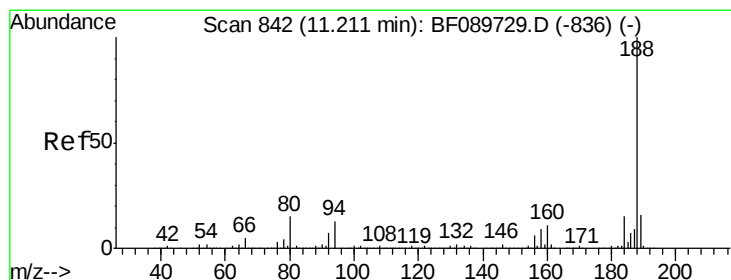
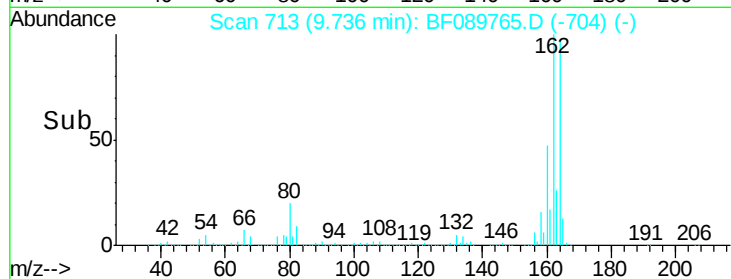
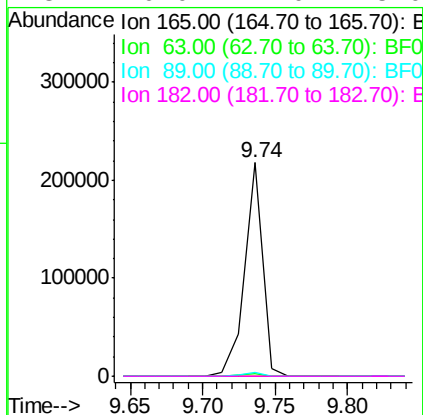
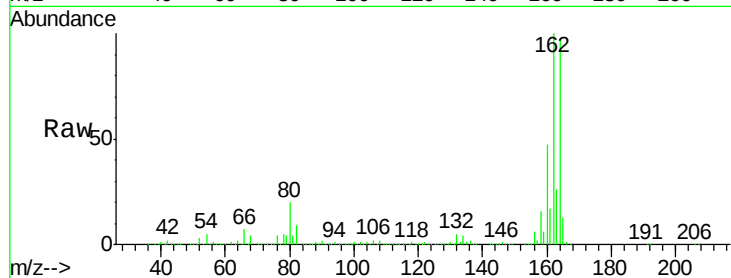




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.19 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

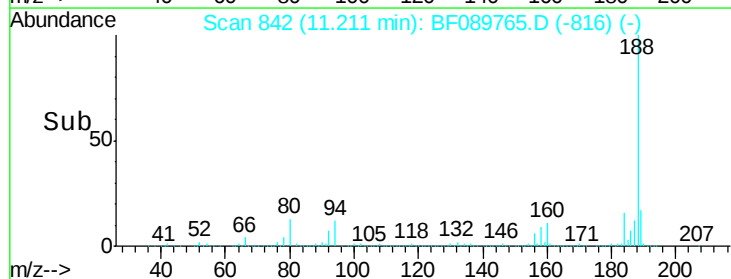
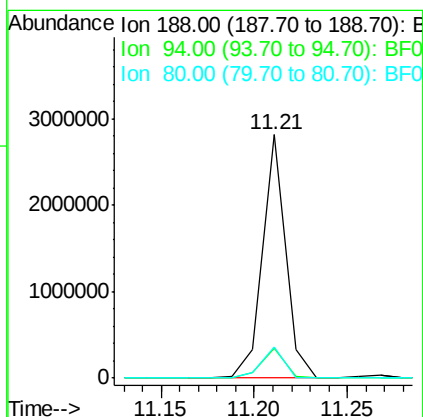
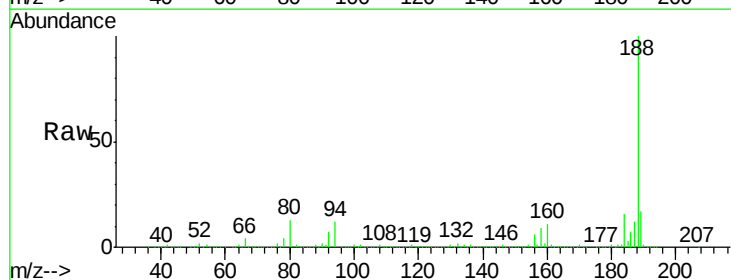
Instrument :
 BNA_F
 ClientSampleId :
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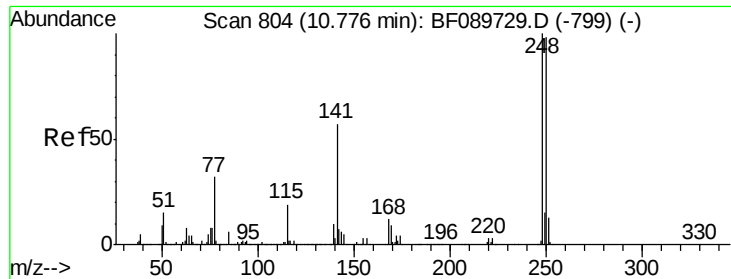
Tgt Ion:	165	Resp:	187625
Ion	Ratio	Lower	Upper
165	100		
63	1.1	23.7	35.5#
89	1.5	44.0	66.0#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Tgt Ion:	188	Resp:	2407111
Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.2	15.2
80	12.6	10.9	16.3





#66

4-Bromophenyl-phenylether

Concen: 4.11 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

Instrument :

BNA_F

ClientSampleId :

LOCATION-3A

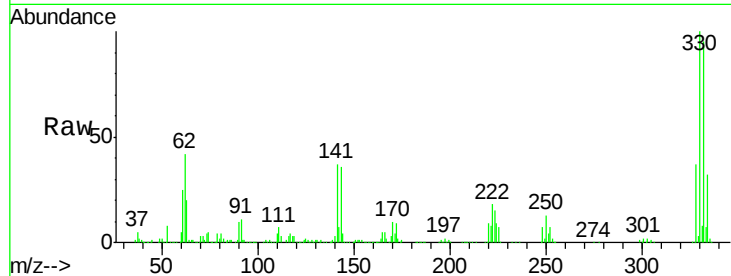
Tgt Ion:248 Resp: 102403

Ion Ratio Lower Upper

248 100

250 191.5 78.6 117.8#

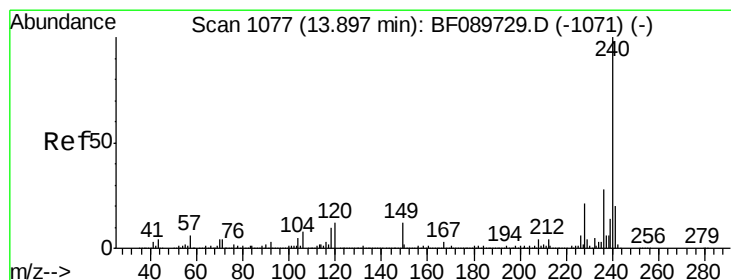
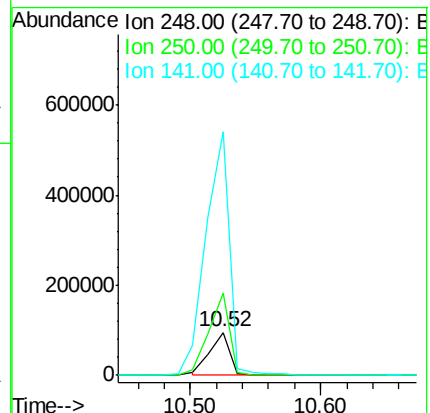
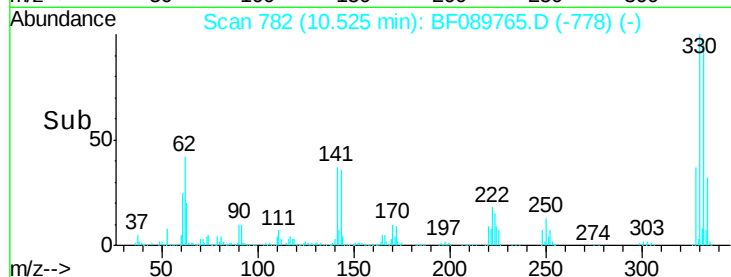
141 562.4 31.4 47.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BF089765.D

Acq: 17 Aug 2016 16:16

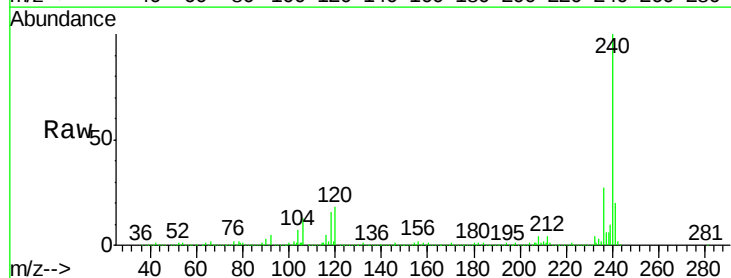
Tgt Ion:240 Resp: 2075450

Ion Ratio Lower Upper

240 100

120 18.3 8.3 12.5#

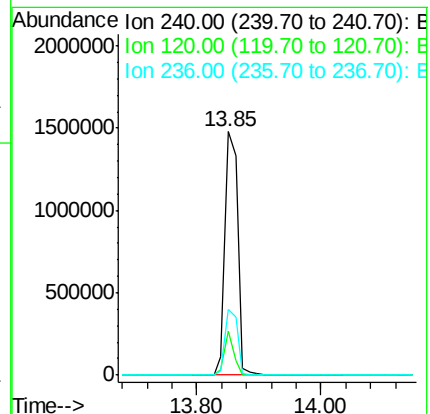
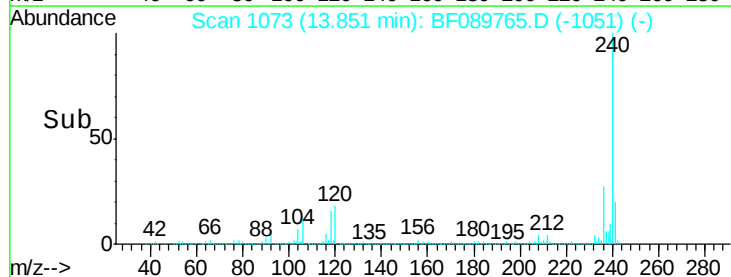
236 26.8 21.3 31.9

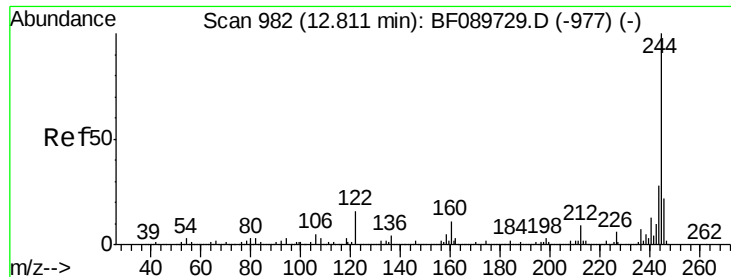


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

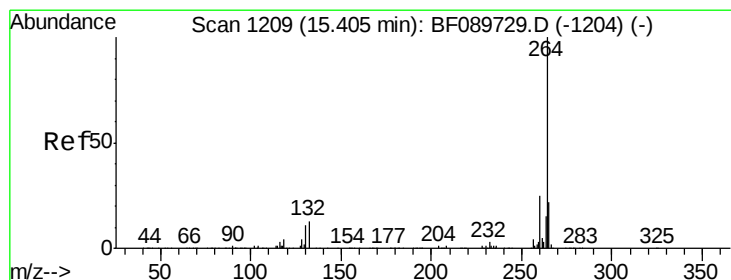
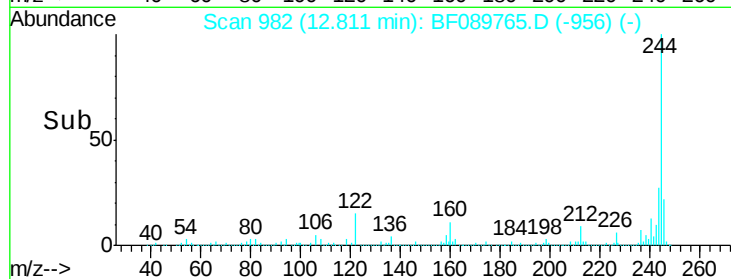
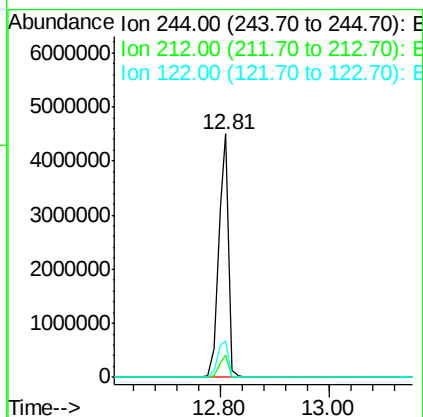
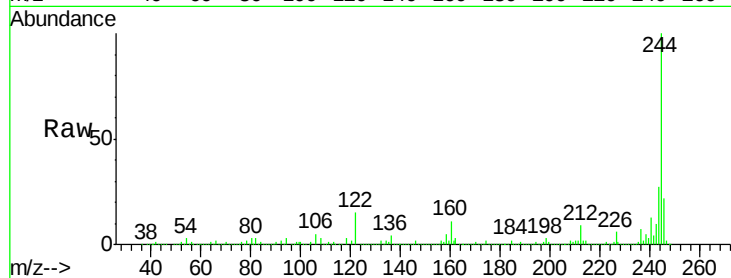




#78
 Terphenyl-d14
 Concen: 83.41 ng
 RT: 12.81 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-3A

Tgt Ion:244 Resp: 5794734
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.3 9.5
 122 15.1 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. -0.10 min
 Lab File: BF089765.D
 Acq: 17 Aug 2016 16:16

Tgt Ion:264 Resp: 1766054
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.2 30.2
 265 22.5 17.4 26.2

