

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089194.D
 Acq On : 22 Jul 2016 13:40
 Operator : UM/SJ
 Sample : H4089-02DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11DL

Quant Time: Jul 25 00:50:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

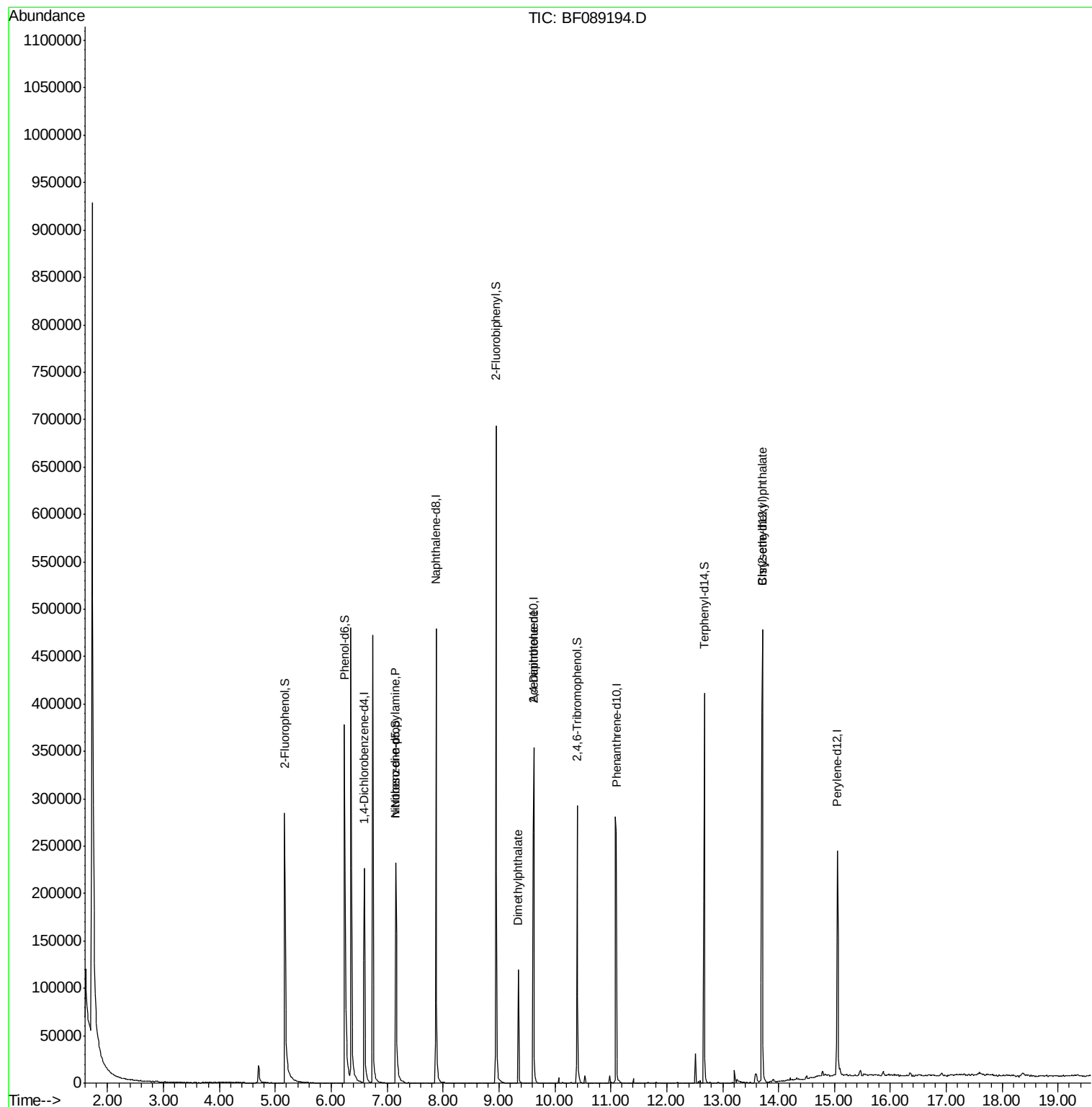
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	51593	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	231169	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	96812	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	167493	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	100109	20.00	ng	-0.01
86) Perylene-d12	15.05	264	111121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	153749	45.32	ng	-0.02
7) Phenol-d6	6.24	99	214779	49.10	ng	-0.03
23) Nitrobenzene-d5	7.15	82	128851	29.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	31568	36.22	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	240301	34.20	ng	-0.02
78) Terphenyl-d14	12.67	244	149236	32.33	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	15797	5.52	ng	# 79
49) Dimethylphthalate	9.35	163	49373	6.65	ng	98
56) 2,4-Dinitrotoluene	9.62	165	12080	5.59	ng	# 10
83) Bis(2-ethylhexyl)phthalate	13.71	149	173653	37.43	ng	95

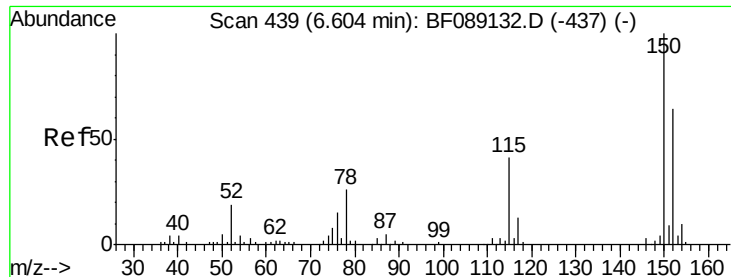
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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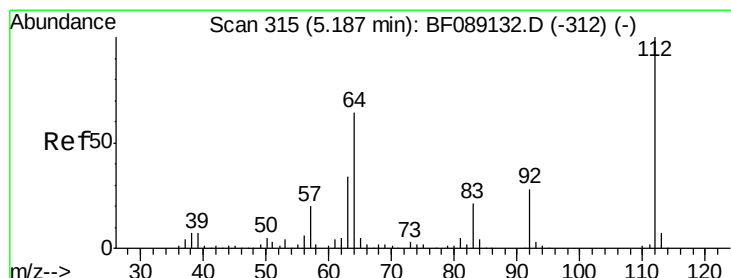
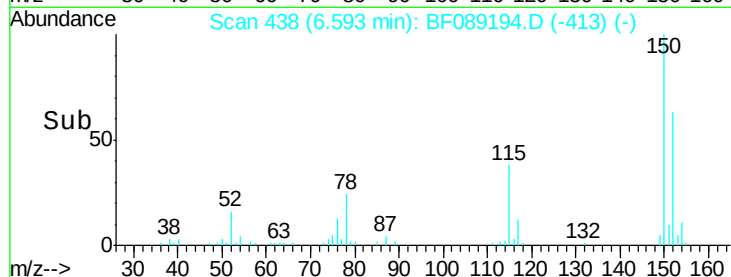
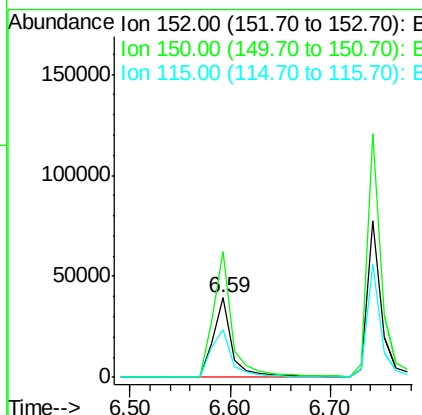
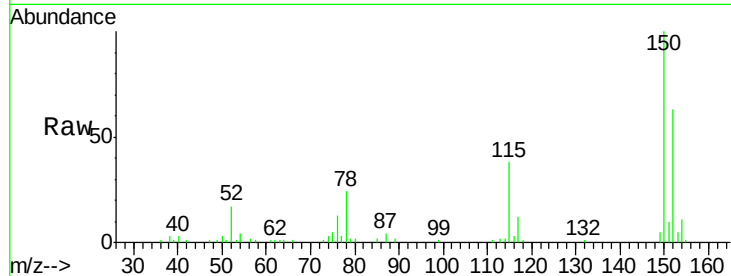


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Instrument :
BNA_F
ClientSampleId :
LOCATION-33A-9-11DL

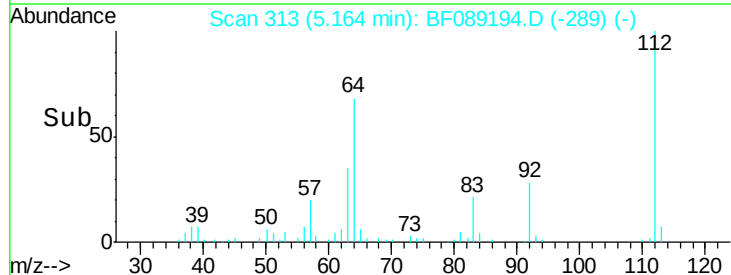
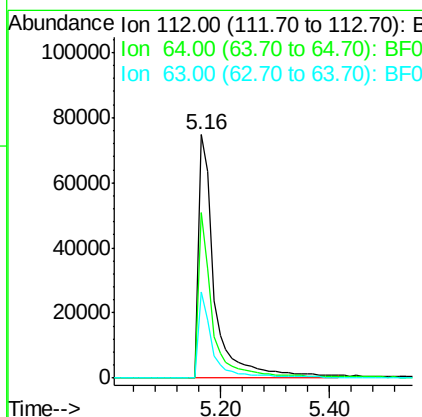
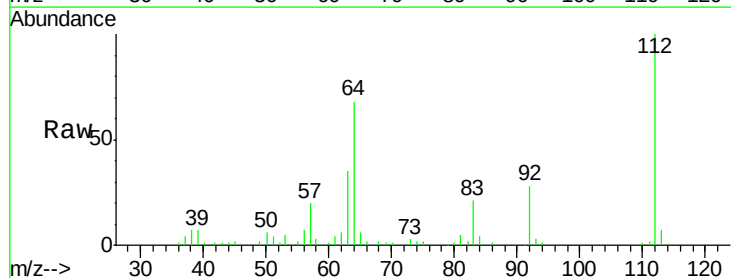
Tgt Ion:152 Resp: 51593
Ion Ratio Lower Upper
152 100
150 159.7 125.1 187.7
115 60.4 51.1 76.7

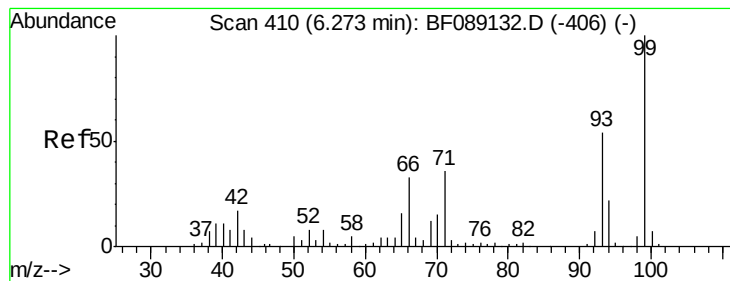


#5

2-Fluorophenol
Concen: 45.32 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Tgt Ion:112 Resp: 153749
Ion Ratio Lower Upper
112 100
64 68.0 51.0 76.4
63 35.3 27.3 40.9





#7

Phenol-d6

Concen: 49.10 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

Instrument :

BNA_F

ClientSampleId :

LOCATION-33A-9-11DL

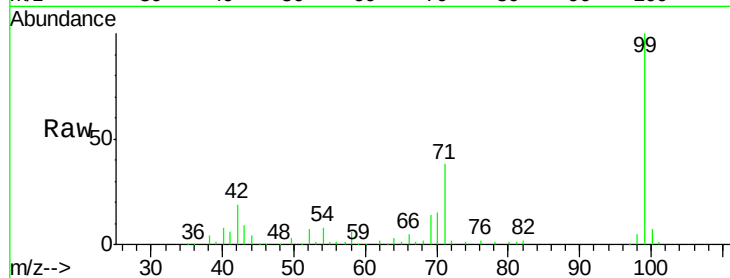
Tgt Ion: 99 Resp: 214779

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

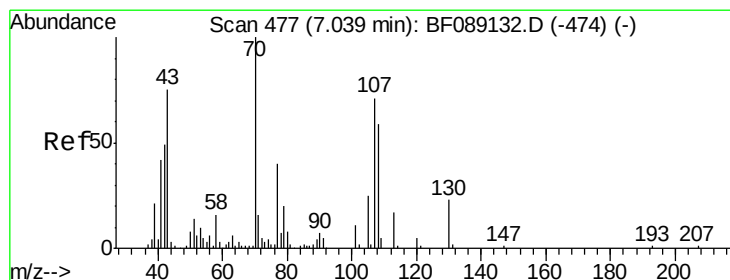
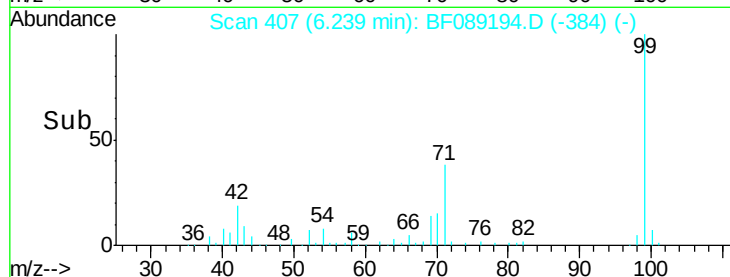
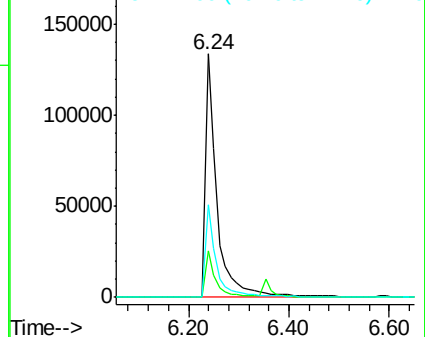
71 38.2 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.52 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

Tgt Ion: 70 Resp: 15797

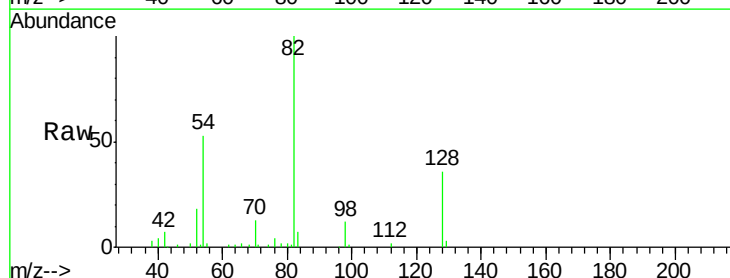
Ion Ratio Lower Upper

70 100

42 53.6 39.2 58.8

101 0.0 8.5 12.7#

130 0.0 18.4 27.6#

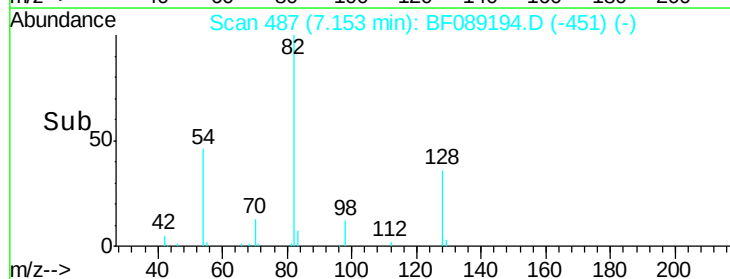
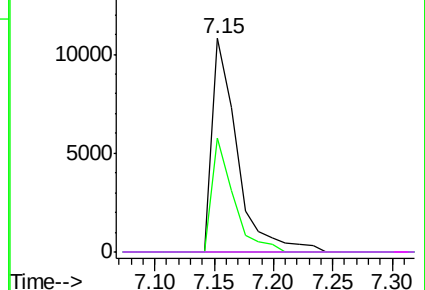


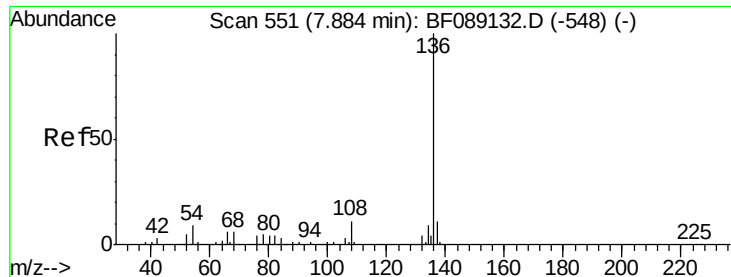
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

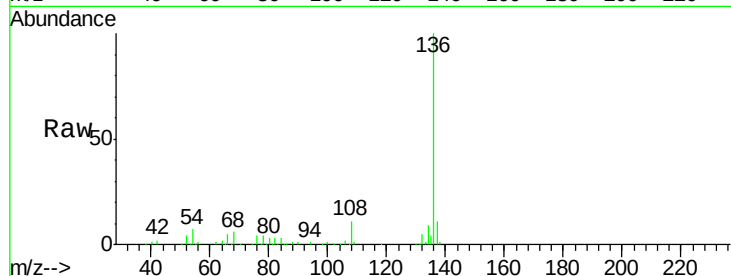




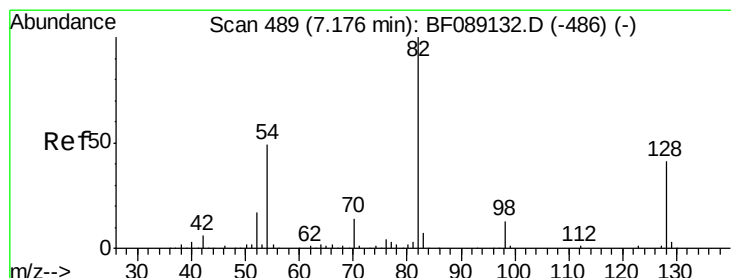
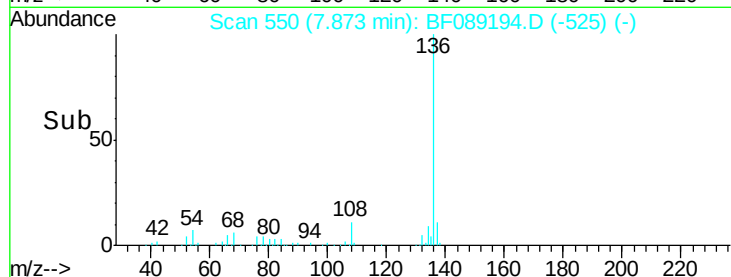
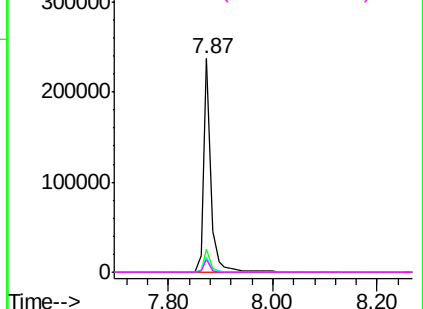
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Instrument :
BNA_F
ClientSampleId :
LOCATION-33A-9-11DL

Tgt Ion:	136	Resp:	231169
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	7.0	10.4
68	5.9	5.0	7.6

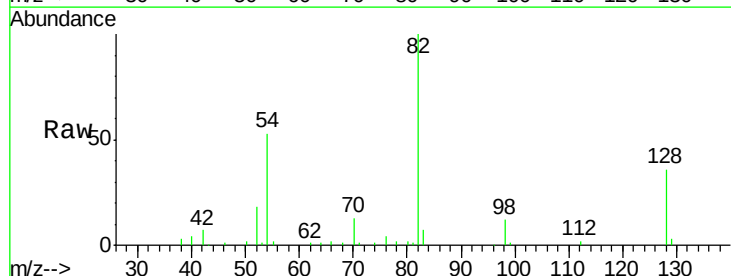


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

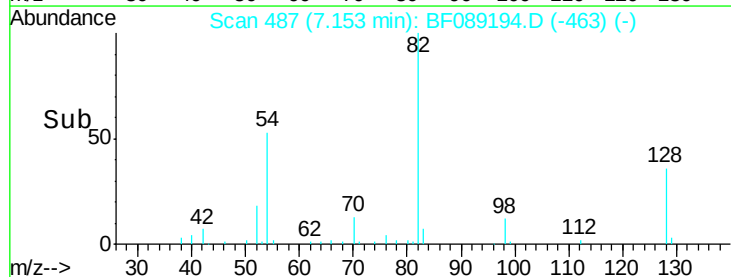
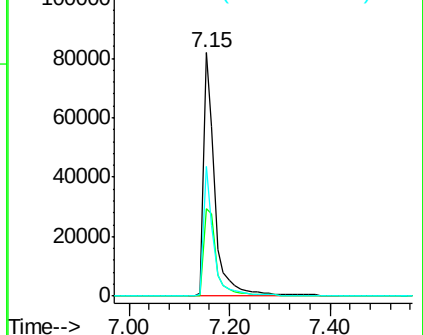


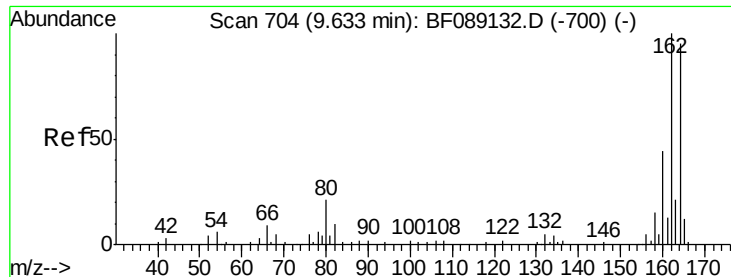
#23
Nitrobenzene-d5
Concen: 29.62 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Tgt Ion:	82	Resp:	128851
Ion	Ratio	Lower	Upper
82	100		
128	35.8	33.0	49.6
54	53.4	39.0	58.4



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

Instrument :

BNA_F

ClientSampleId :

LOCATION-33A-9-11DL

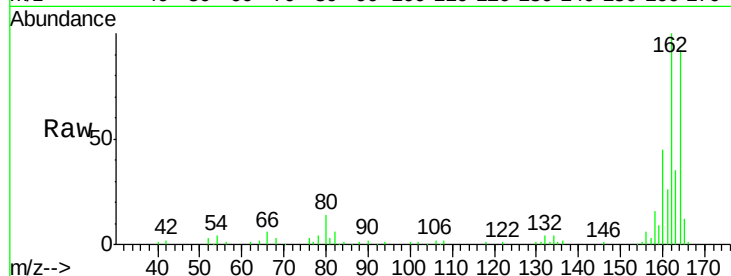
Tgt Ion:164 Resp: 96812

Ion Ratio Lower Upper

164 100

162 108.5 84.1 126.1

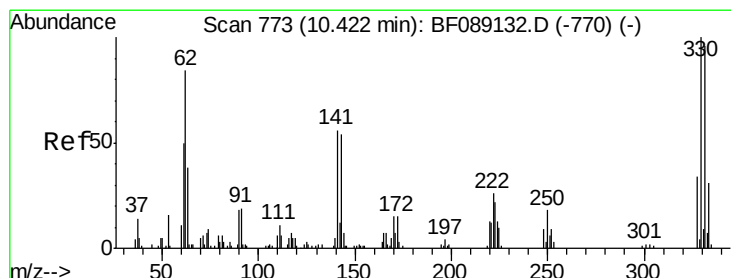
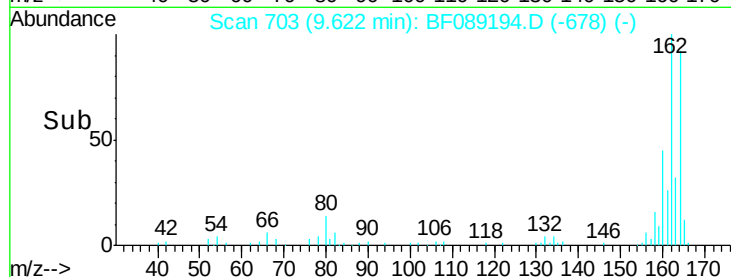
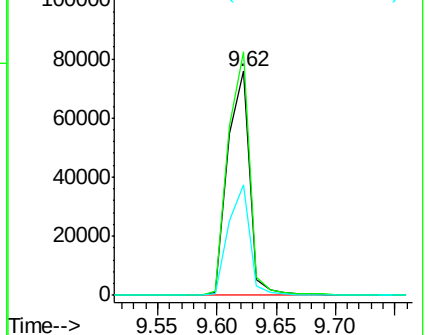
160 49.2 37.1 55.7



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: 36.22 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

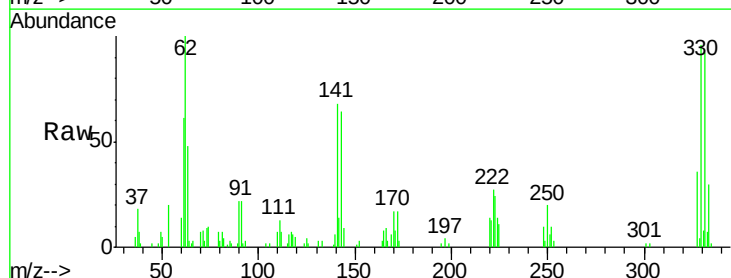
Tgt Ion:330 Resp: 31568

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

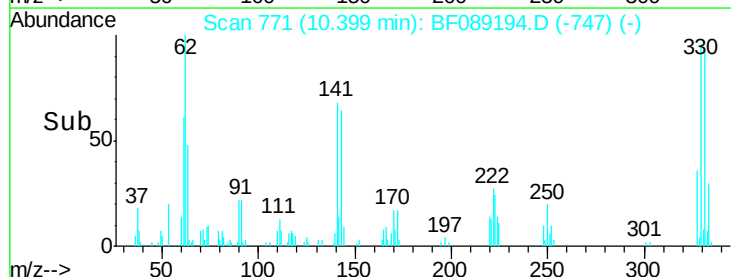
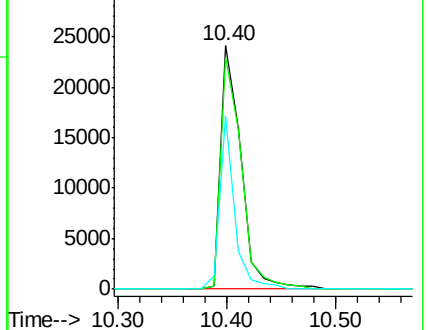
141 52.2 42.2 63.2

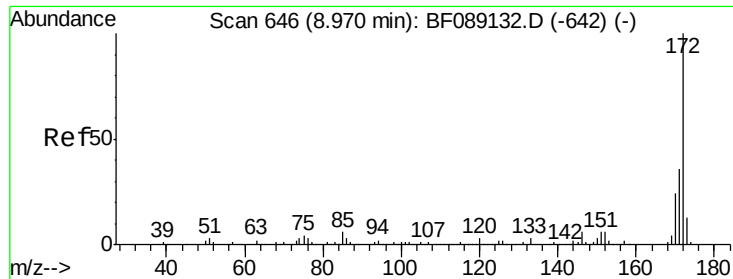


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

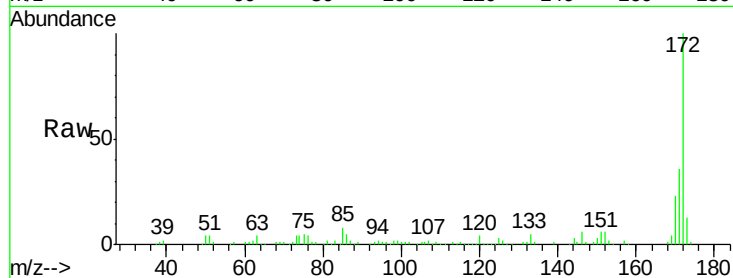




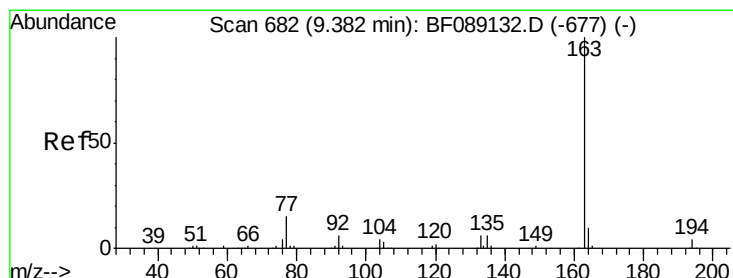
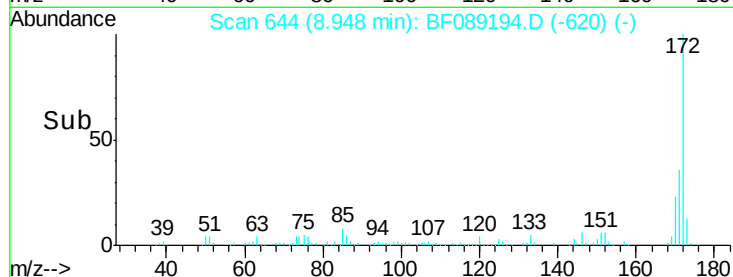
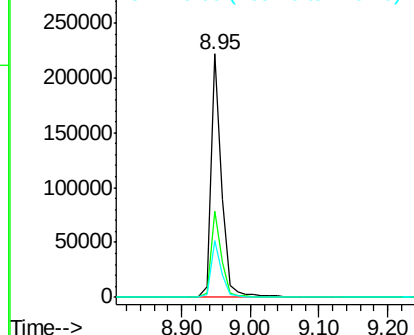
#44
2-Fluorobiphenyl
Concen: 34.20 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Instrument :
BNA_F
ClientSampleId :
LOCATION-33A-9-11DL

Tgt Ion:172 Resp: 240301
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 23.4 19.1 28.7

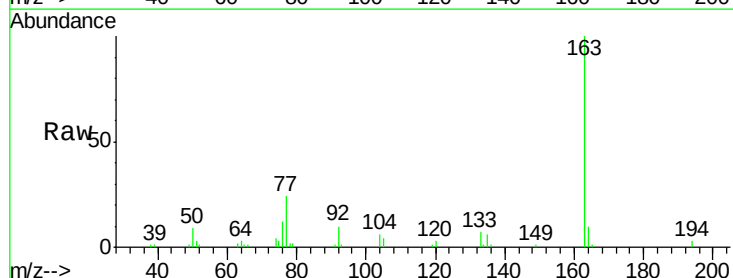


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

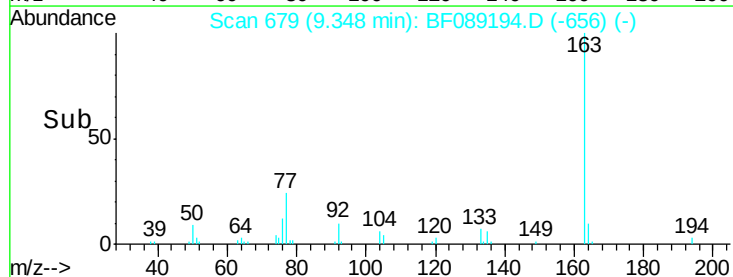
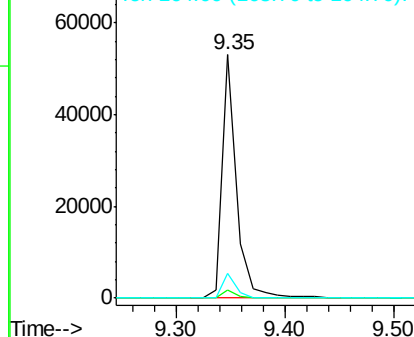


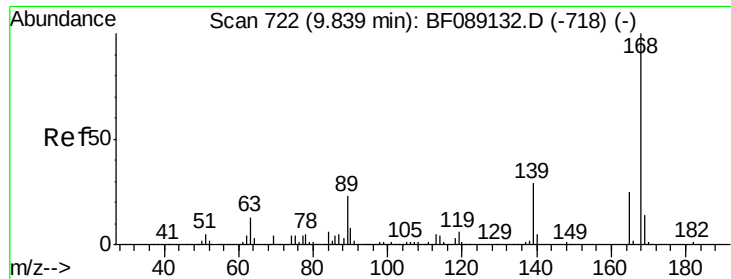
#49
Dimethylphthalate
Concen: 6.65 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089194.D
Acq: 22 Jul 2016 13:40

Tgt Ion:163 Resp: 49373
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.3 7.6 11.4



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





#56

2,4-Dinitrotoluene

Concen: 5.59 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.22 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

Instrument :

BNA_F

ClientSampleId :

LOCATION-33A-9-11DL

Tgt Ion:165 Resp: 12080

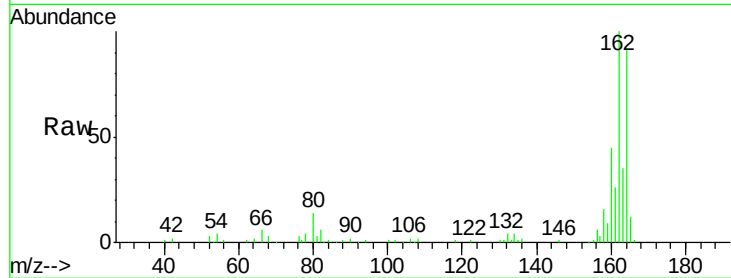
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

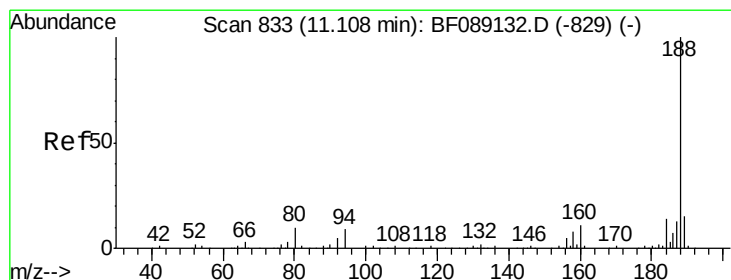
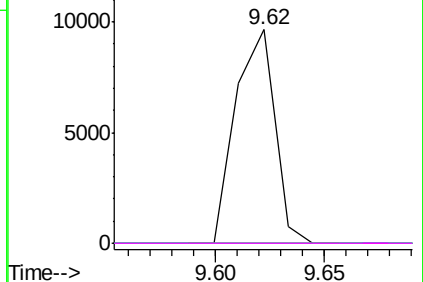
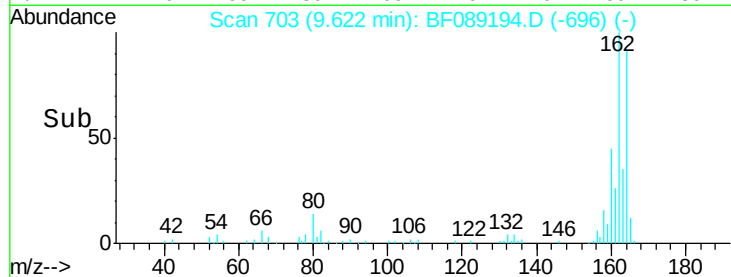


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

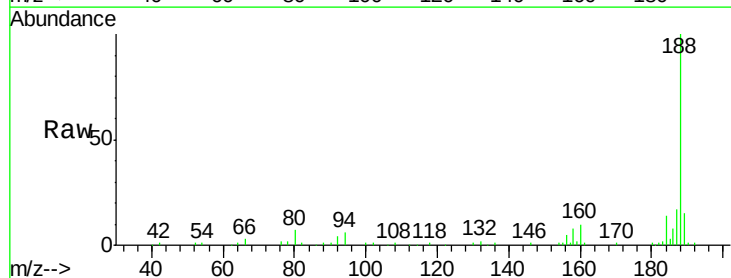
Tgt Ion:188 Resp: 167493

Ion Ratio Lower Upper

188 100

94 6.3 7.0 10.4#

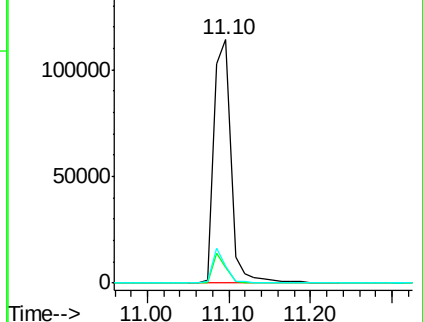
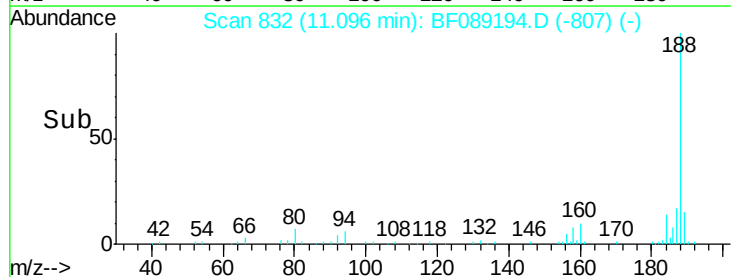
80 7.2 7.7 11.5#

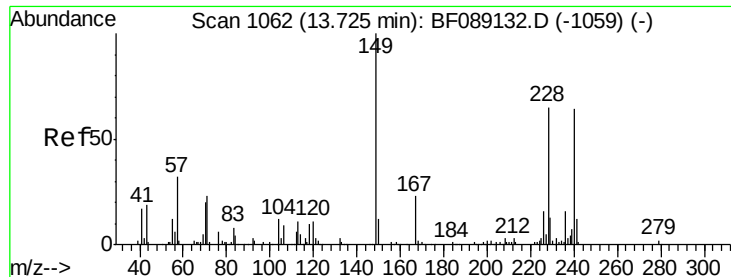


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

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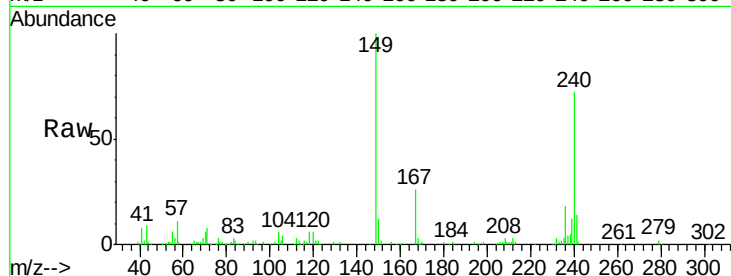
Tgt Ion:240 Resp: 100109

Ion Ratio Lower Upper

240 100

120 8.2 13.6 20.4#

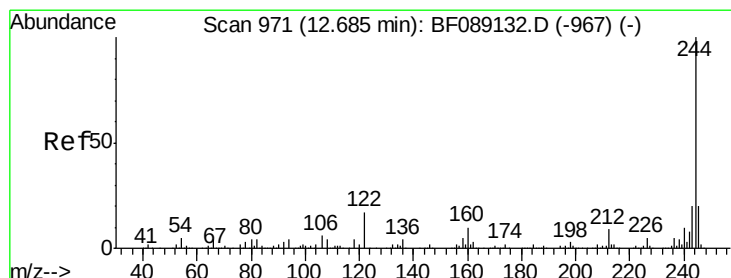
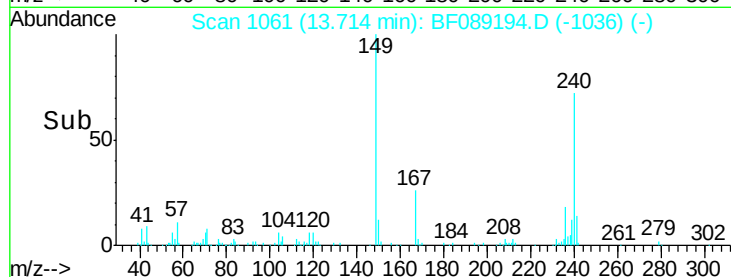
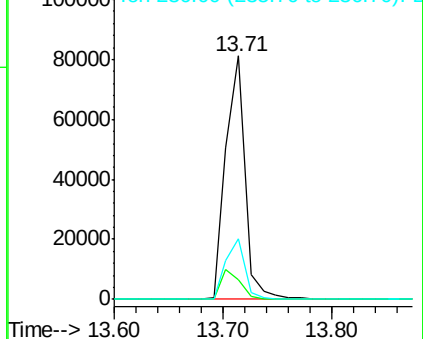
236 25.0 20.5 30.7



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: 32.33 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089194.D

Acq: 22 Jul 2016 13:40

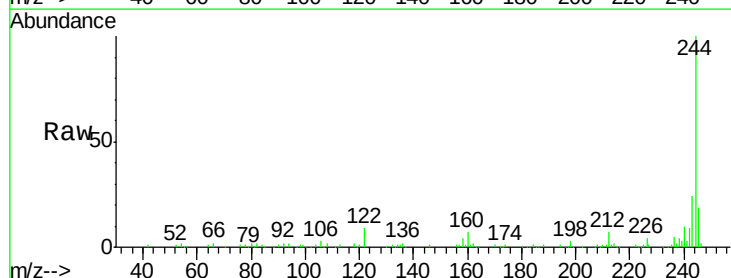
Tgt Ion:244 Resp: 149236

Ion Ratio Lower Upper

244 100

212 7.4 7.0 10.4

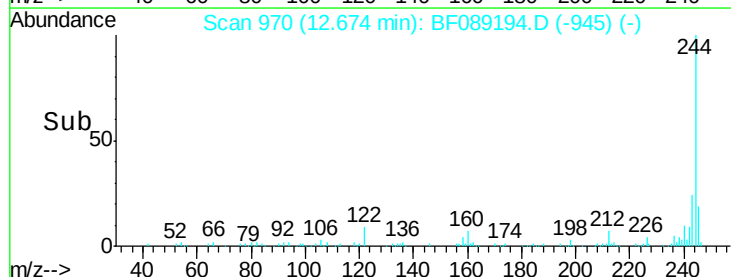
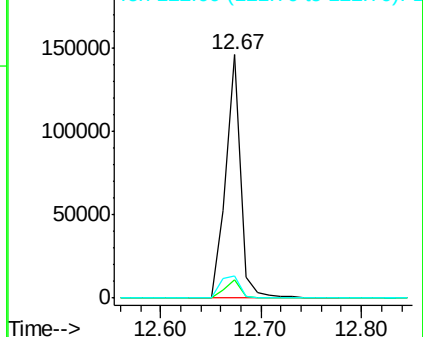
122 9.2 13.8 20.8#

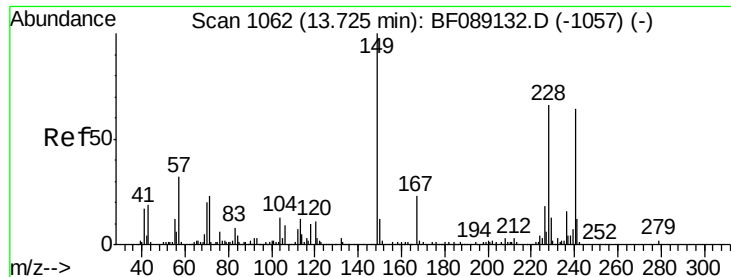


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

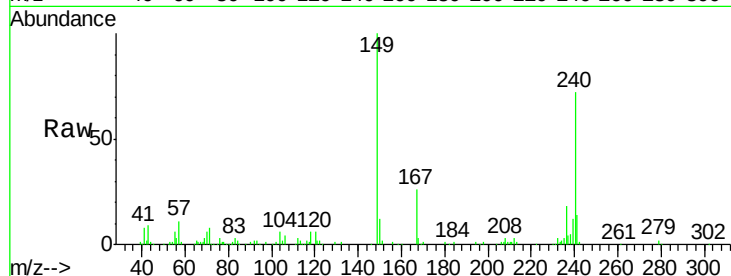




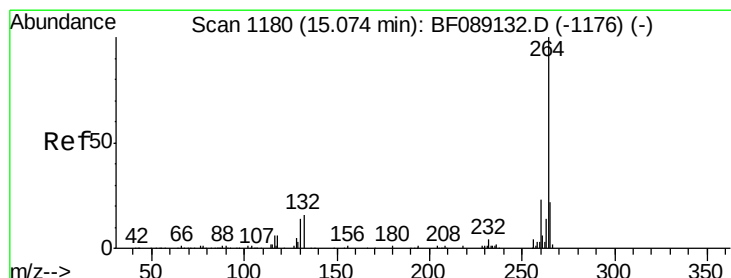
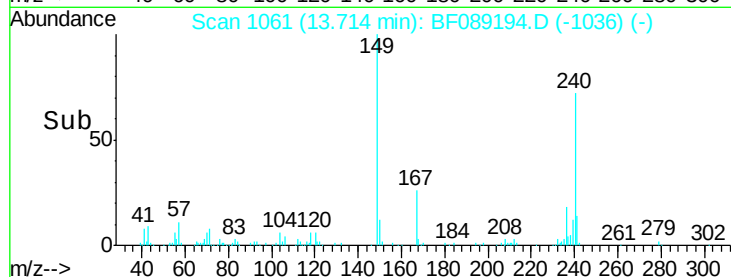
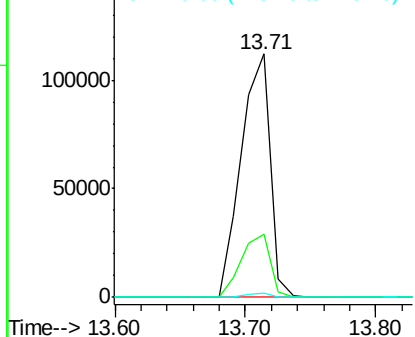
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.43 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-33A-9-11DL

Tgt Ion:149 Resp: 173653
 Ion Ratio Lower Upper
 149 100
 167 26.2 18.6 28.0
 279 1.8 1.6 2.4

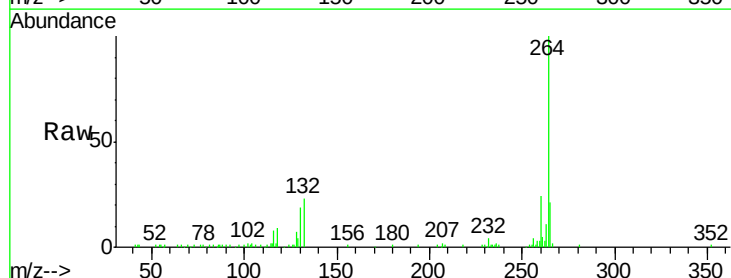


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089194.D
 Acq: 22 Jul 2016 13:40

Tgt Ion:264 Resp: 111121
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 21.1 17.3 25.9



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

