

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088394.D
 Acq On : 26 Jun 2016 1:42
 Operator : UM/SJ
 Sample : H3745-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: Jun 26 03:53:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	219523	20.00	ng	0.11
21) Naphthalene-d8	7.85	136	257484	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	112231	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	187126	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	146610	20.00	ng	-0.06
86) Perylene-d12	15.04	264	112195	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	453159	35.29	ng	-0.03
7) Phenol-d6	6.23	99	555620	35.70	ng	-0.03
23) Nitrobenzene-d5	7.13	82	329570	74.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	104641	88.30	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	623989	87.50	ng	-0.05
78) Terphenyl-d14	12.65	244	472114	73.28	ng	-0.05

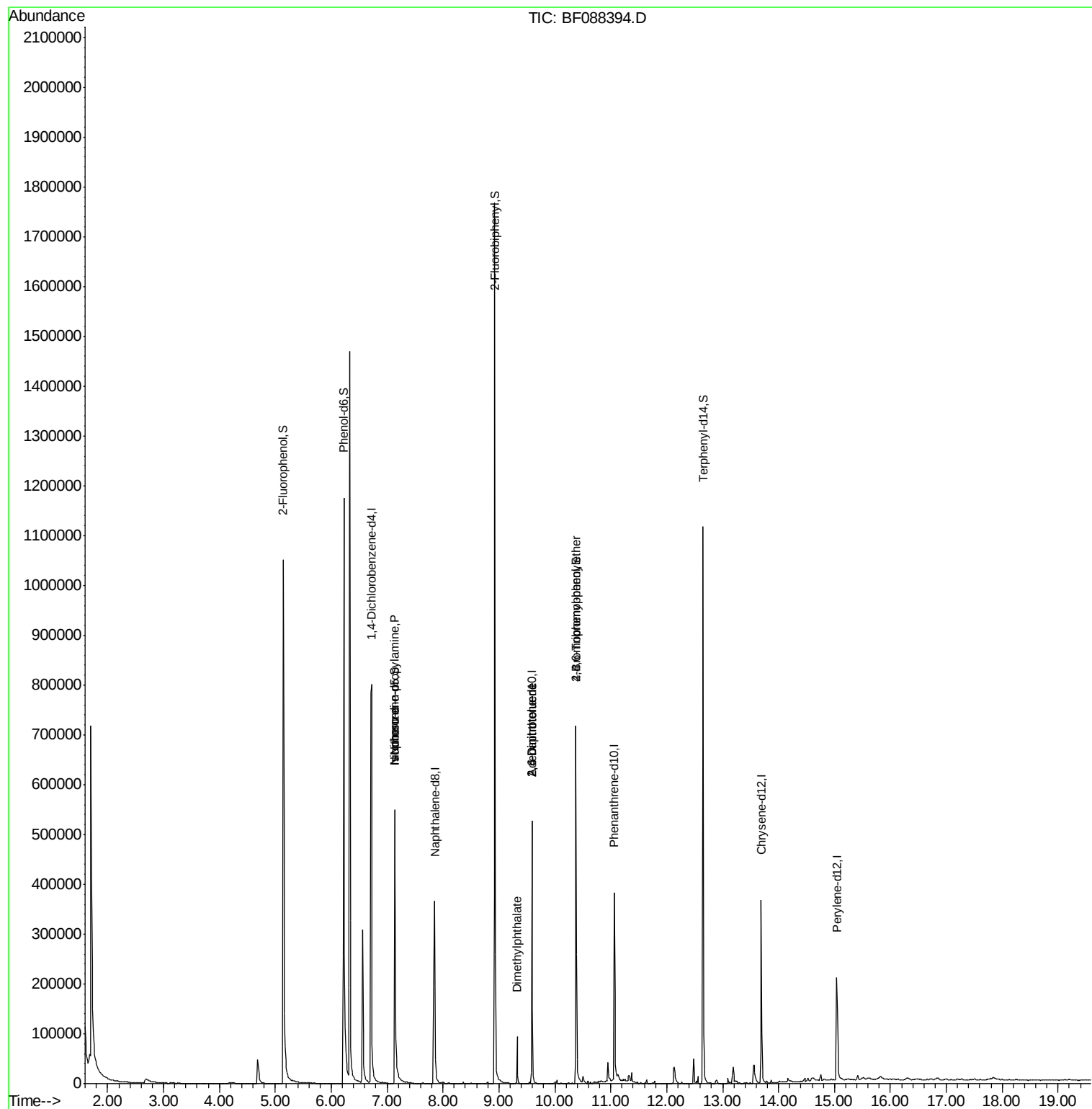
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.33	94	844	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	40802	4.10	ng	72
25) Isophorone	7.13	82	336665	41.22	ng	65
45) 1,1'-Biphenyl	8.92	154	793	Below Cal	#	1
49) Dimethylphthalate	9.32	163	43123	5.30	ng	99
50) 2,6-Dinitrotoluene	9.59	165	14264	7.66	ng	37
56) 2,4-Dinitrotoluene	9.59	165	14264	5.96	ng	36
57) Fluorene	10.38	166	4730	Below Cal	#	86
66) 4-Bromophenyl-phenylether	10.38	248	6225	3.10	ng	1

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

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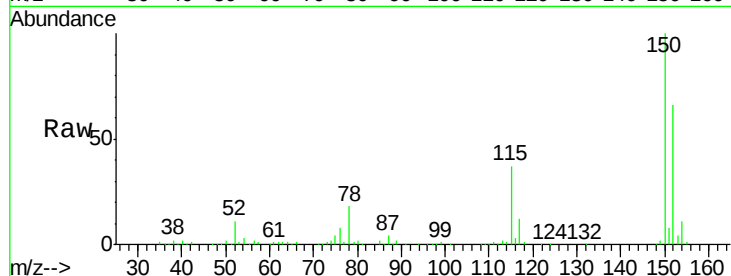




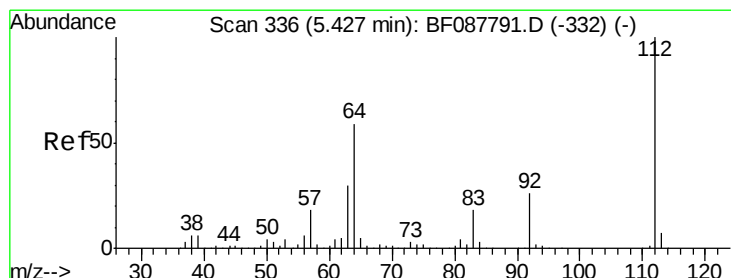
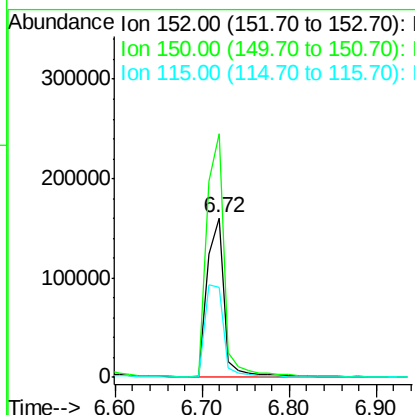
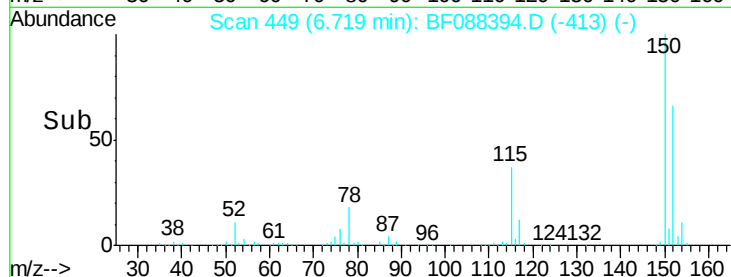
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.11 min
 Lab File: BF088394.D
 Acq: 26 Jun 2016 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:152 Resp: 219523
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.8 185.6
 115 56.7 39.6 59.4

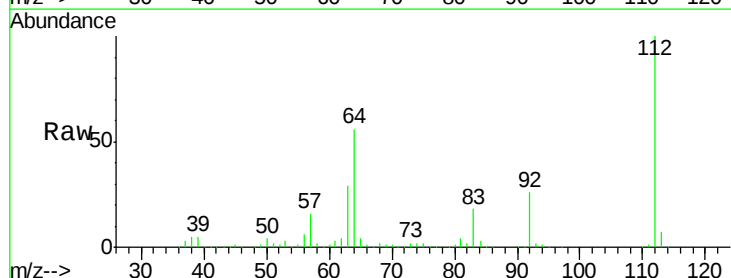


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

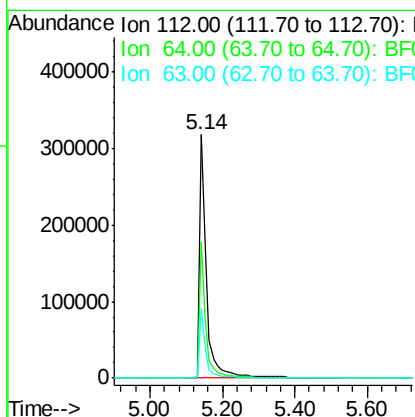
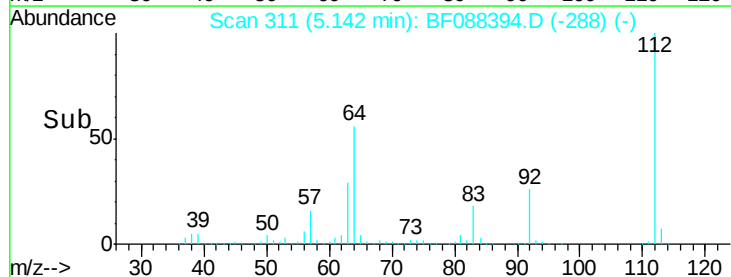


#5
 2-Fluorophenol
 Concen: 35.29 ng
 RT: 5.14 min Scan# 311
 Delta R.T. -0.03 min
 Lab File: BF088394.D
 Acq: 26 Jun 2016 1:42

Tgt Ion:112 Resp: 453159
 Ion Ratio Lower Upper
 112 100
 64 55.8 42.2 63.2
 63 28.7 21.8 32.8



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: 35.70 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

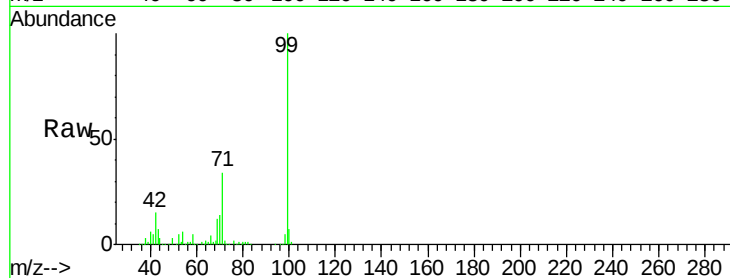
Tgt Ion: 99 Resp: 555620

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

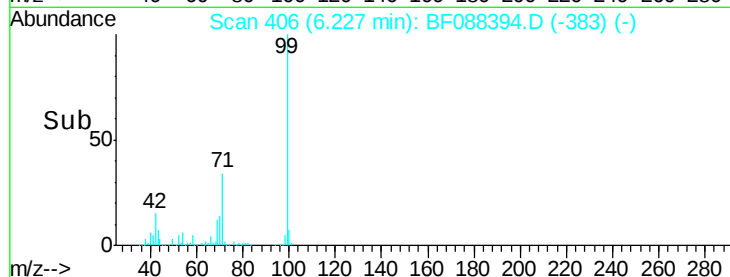
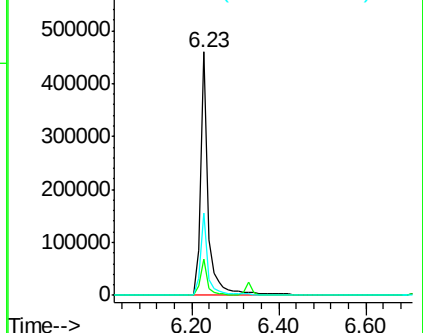
71 33.6 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.33 min Scan# 415

Delta R.T. 0.06 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

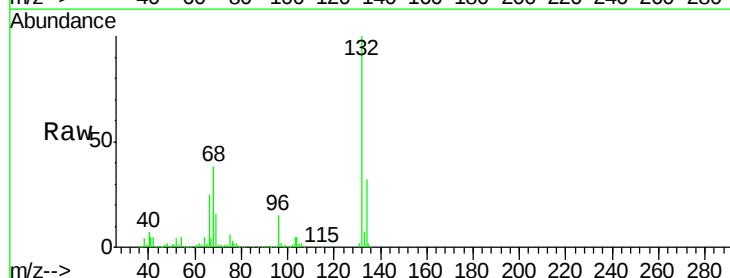
Tgt Ion: 94 Resp: 844

Ion Ratio Lower Upper

94 100

65 975.2 5.9 45.9#

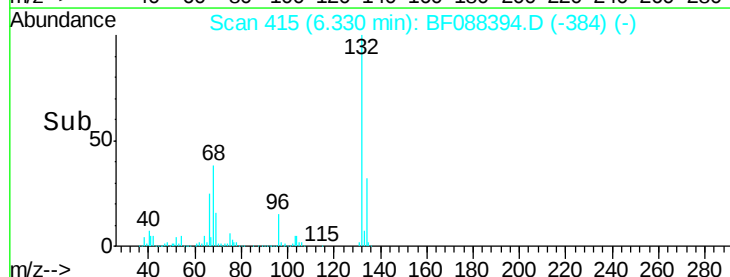
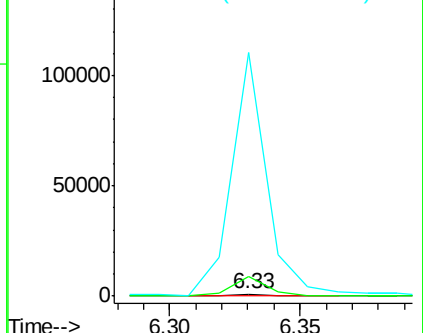
66 11936.0 14.0 54.0#

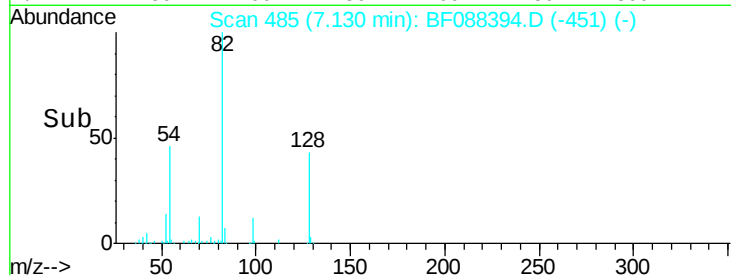
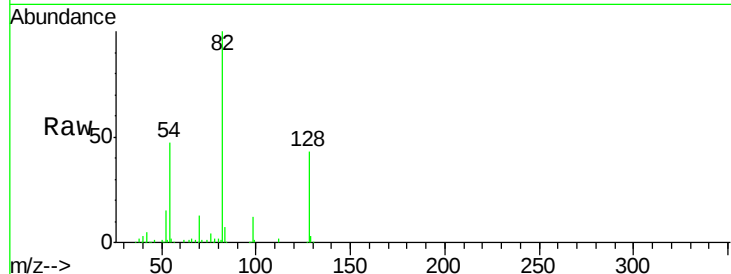


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

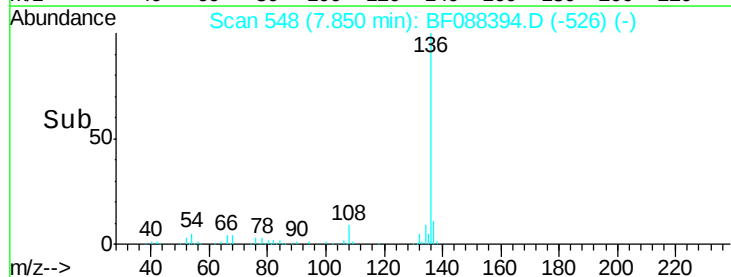
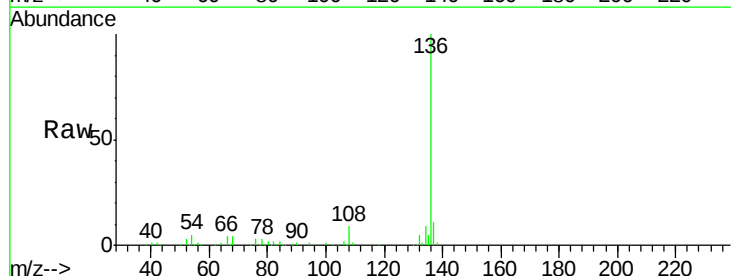
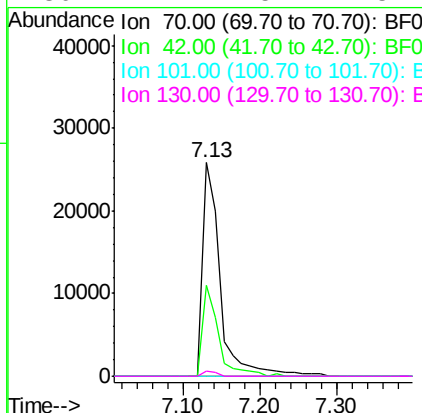




#19
n-Nitroso-di-n-propylamine
Concen: 4.10 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088394.D
Acq: 26 Jun 2016 1:42

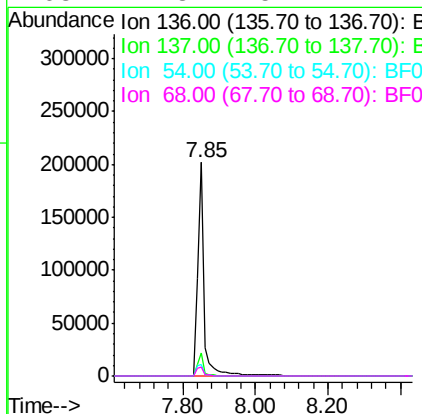
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion: 70 Resp: 40802
Ion Ratio Lower Upper
70 100
42 42.3 49.6 74.4#
101 0.0 7.1 10.7#
130 2.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088394.D
Acq: 26 Jun 2016 1:42

Tgt Ion: 136 Resp: 257484
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.2 6.6 10.0#
68 4.3 5.1 7.7#

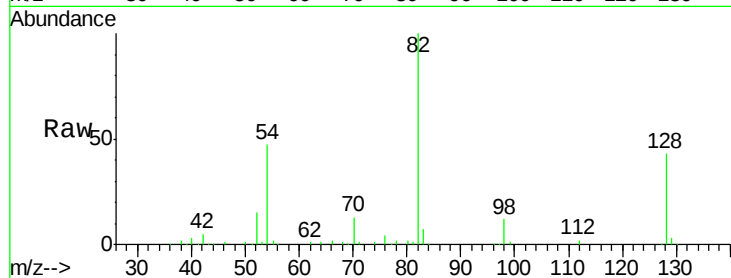




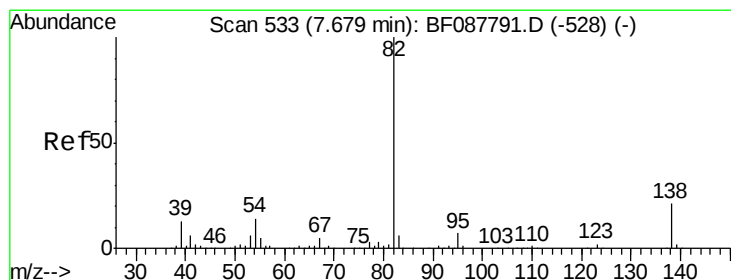
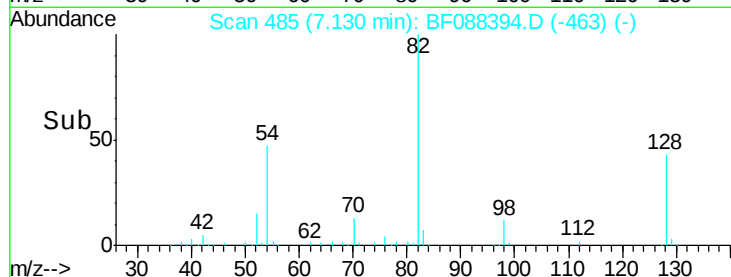
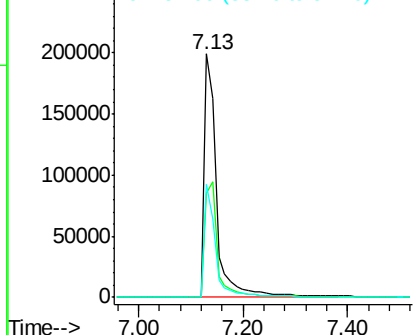
#23
 Nitrobenzene-d5
 Concen: 74.74 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088394.D
 Acq: 26 Jun 2016 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion: 82 Resp: 329570
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.9 53.9
 54 46.6 40.9 61.3

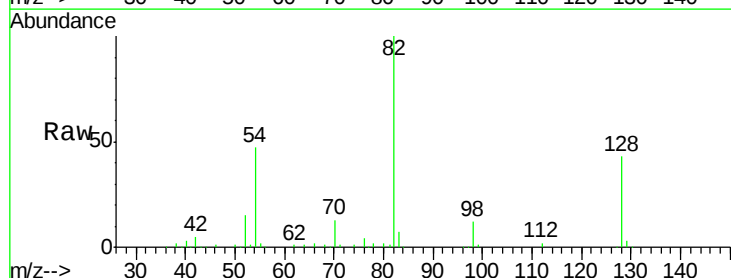


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

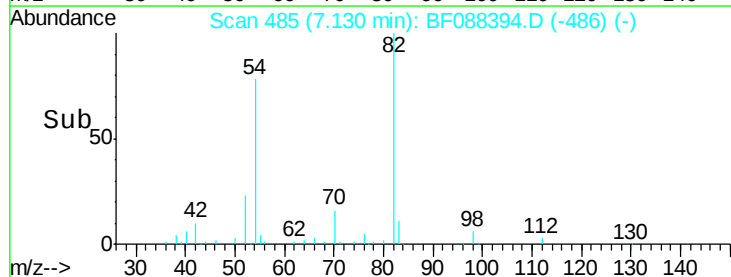
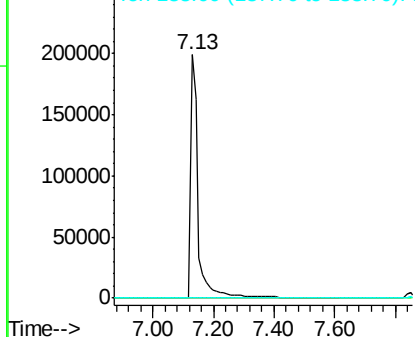


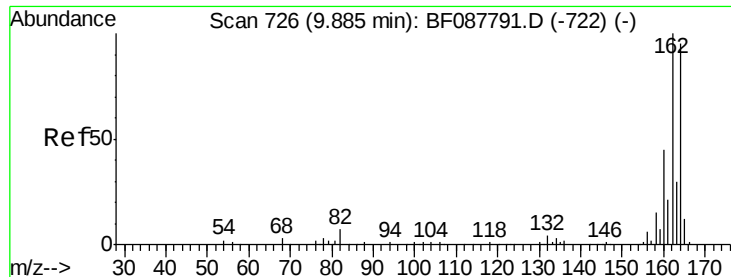
#25
 Isophorone
 Concen: 41.22 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.31 min
 Lab File: BF088394.D
 Acq: 26 Jun 2016 1:42

Tgt Ion: 82 Resp: 336665
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

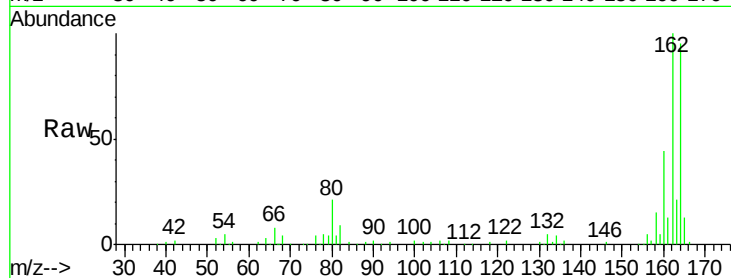
Tgt Ion:164 Resp: 112231

Ion Ratio Lower Upper

164 100

162 105.1 85.4 128.2

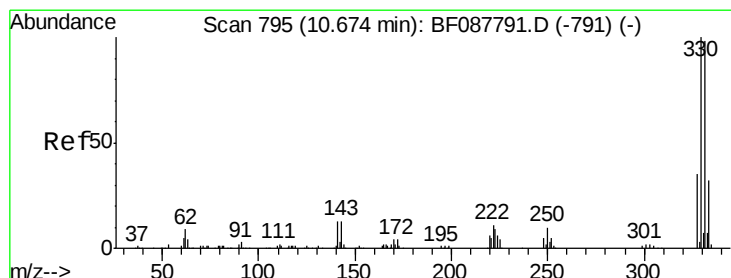
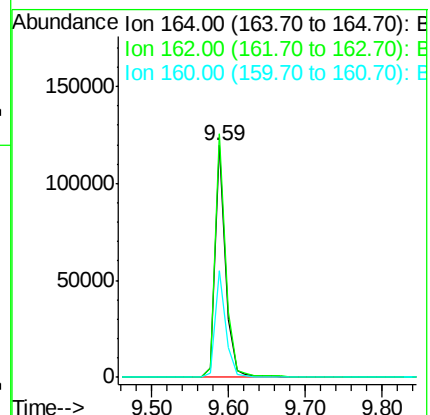
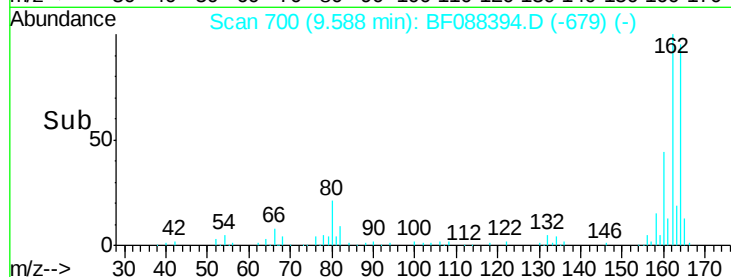
160 46.2 39.5 59.3



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: 88.30 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.06 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

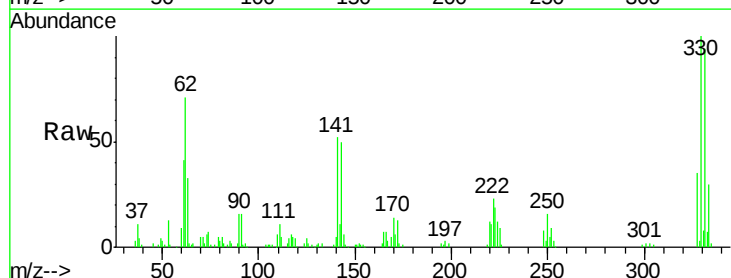
Tgt Ion:330 Resp: 104641

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

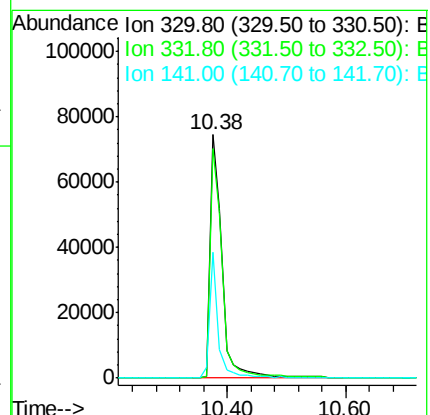
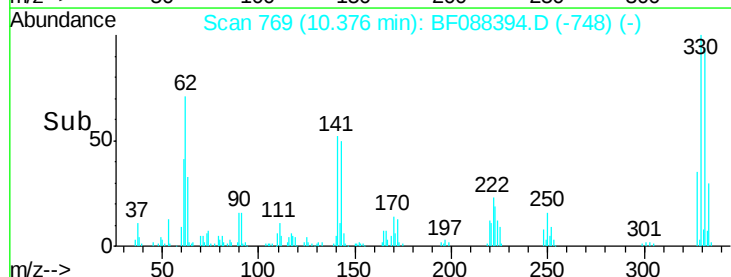
141 38.3 0.0 0.0#



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

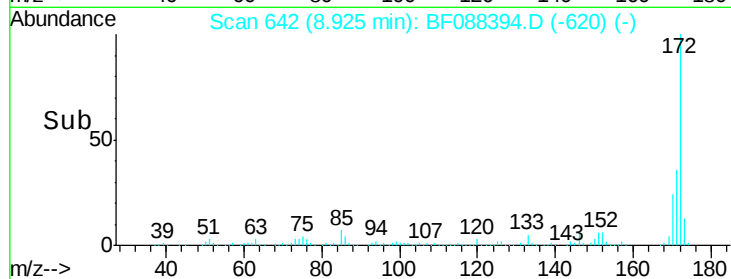
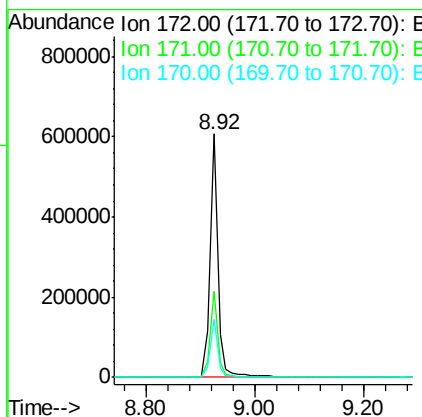
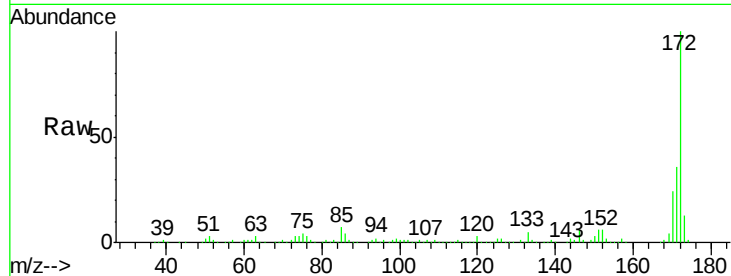




#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088394.D
 Acq: 26 Jun 2016 1:42

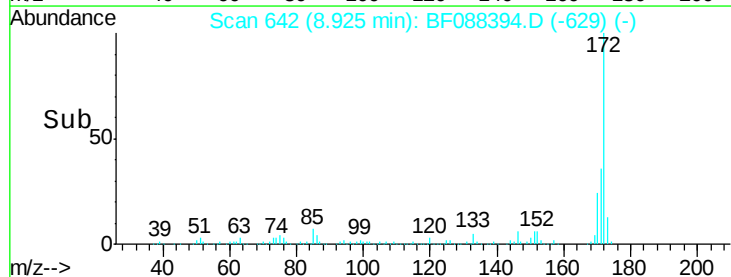
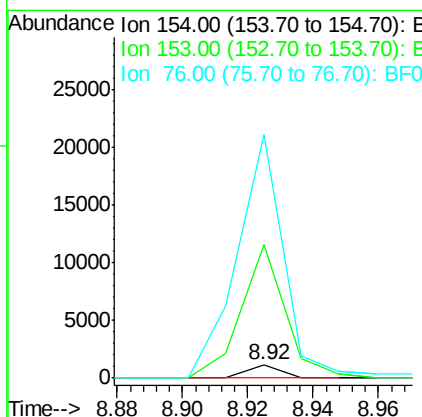
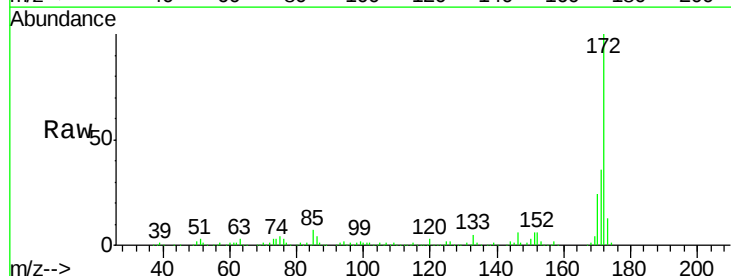
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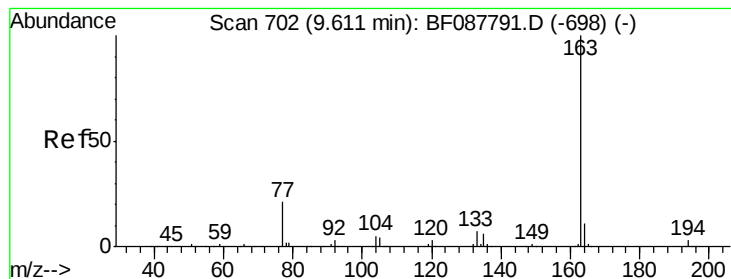
Tgt Ion:172 Resp: 623989
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.7 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.92 min Scan# 642
 Delta R.T. -0.15 min
 Lab File: BF088394.D
 Acq: 26 Jun 2016 1:42

Tgt Ion:154 Resp: 793
 Ion Ratio Lower Upper
 154 100
 153 999.4 20.6 60.6#
 76 1824.2 0.0 35.1#





#49

Dimethylphthalate

Concen: 5.30 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

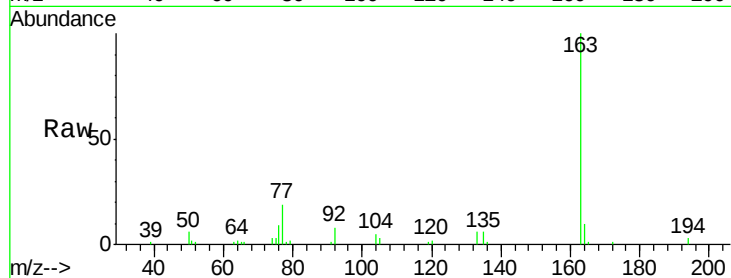
Tgt Ion:163 Resp: 43123

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

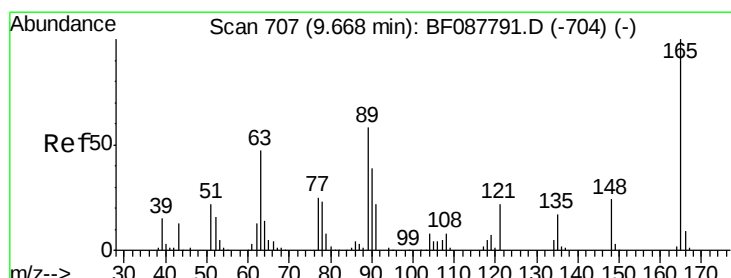
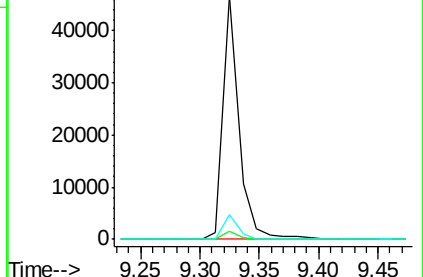
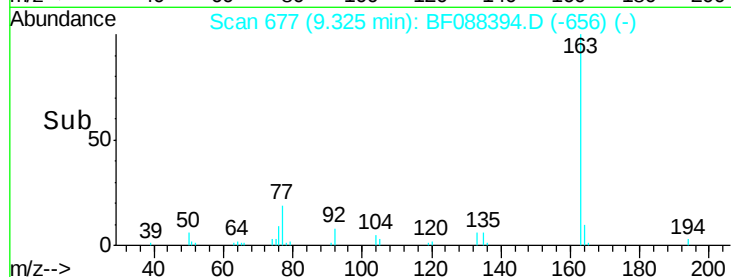
164 10.2 8.3 12.5



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: 7.66 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.14 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

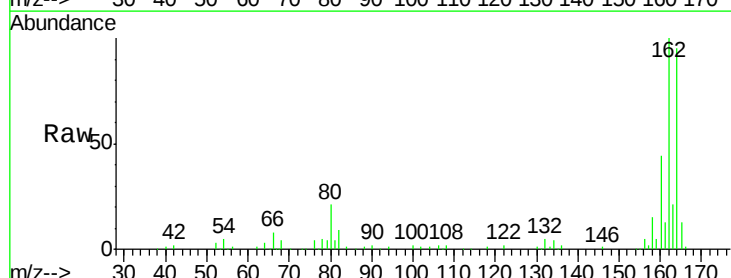
Tgt Ion:165 Resp: 14264

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

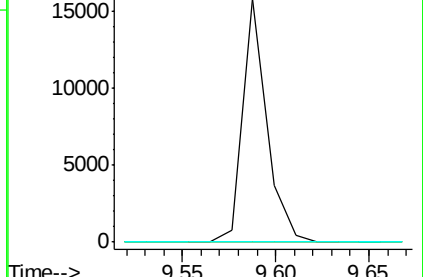
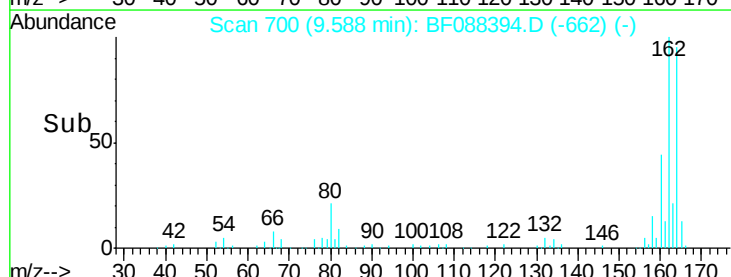
89 0.0 32.2 48.2#

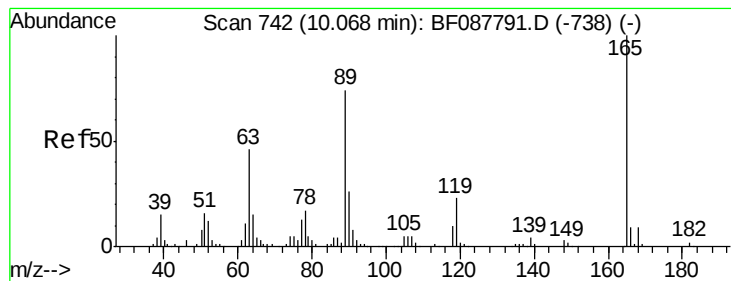


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.96 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.26 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

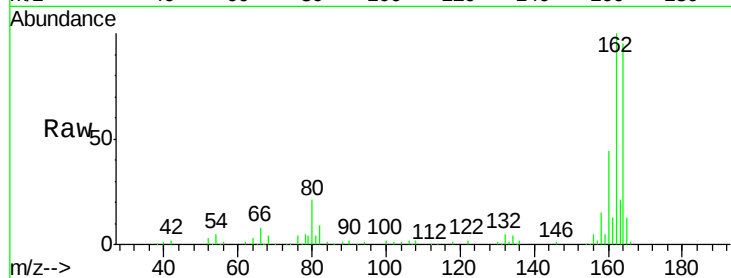
Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tgt Ion:	165	Resp:	14264
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

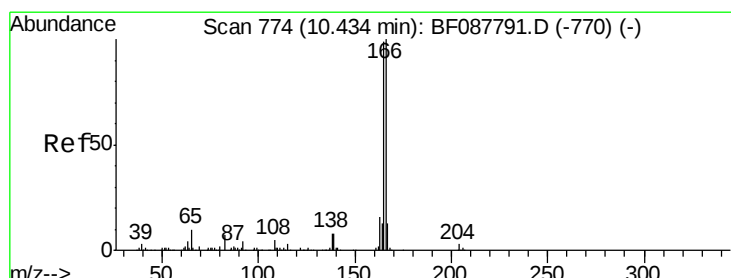
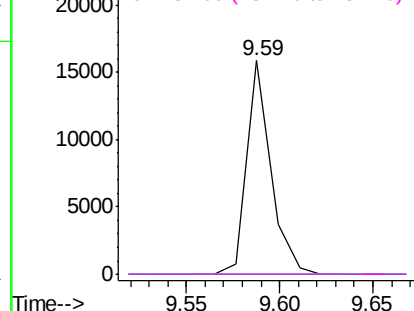
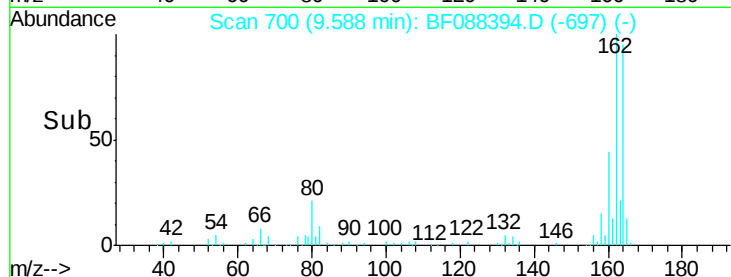


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

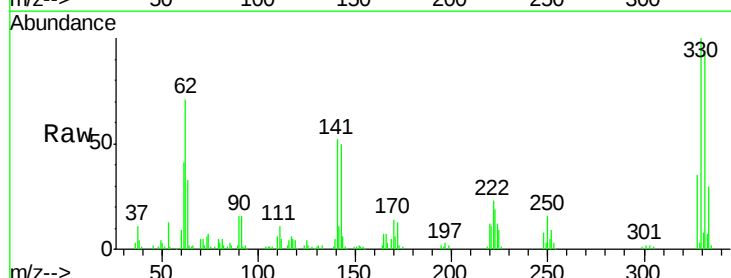
RT: 10.38 min Scan# 769

Delta R.T. 0.18 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

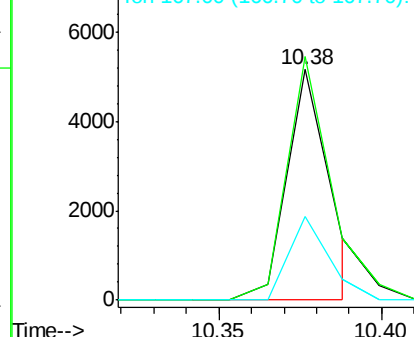
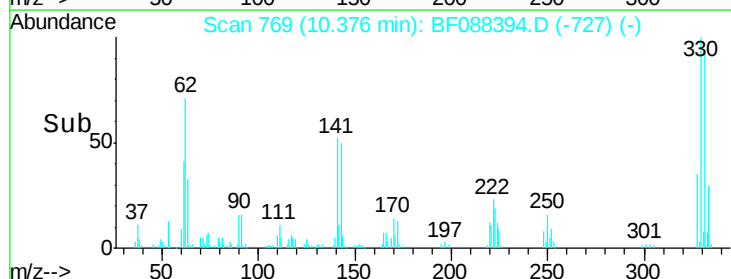
Tgt Ion:	166	Resp:	4730
Ion Ratio	Lower	Upper	
166	100		
165	105.7	77.8	116.8
167	36.2	11.2	16.8#

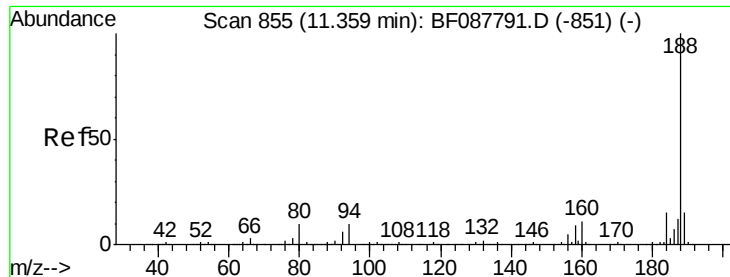


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

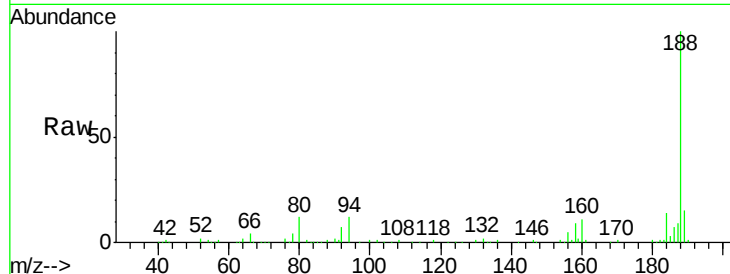




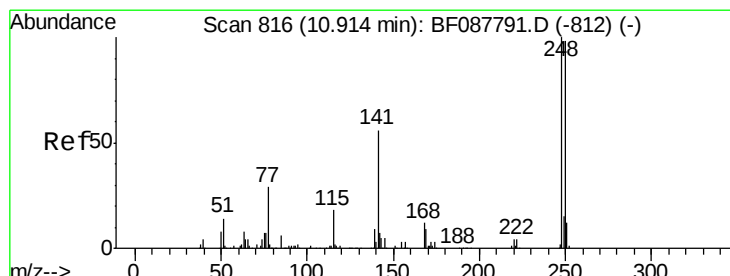
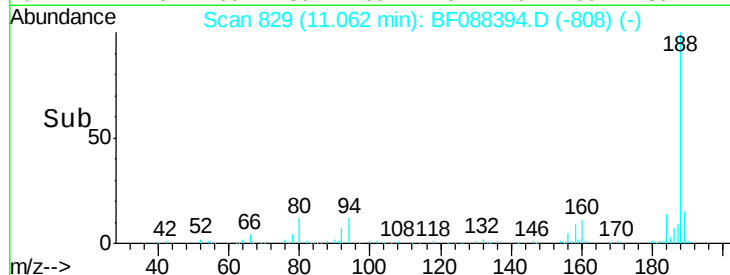
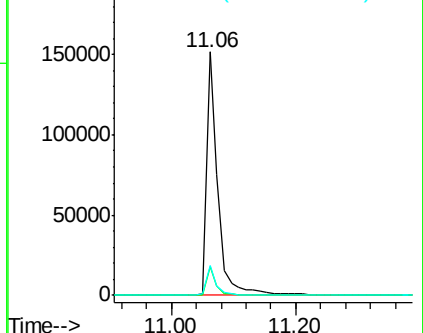
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088394.D
Acq: 26 Jun 2016 1:42

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion:188 Resp: 187126
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.6
80 12.3 10.0 15.0

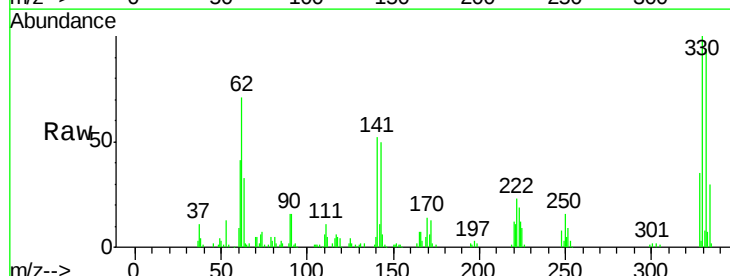


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

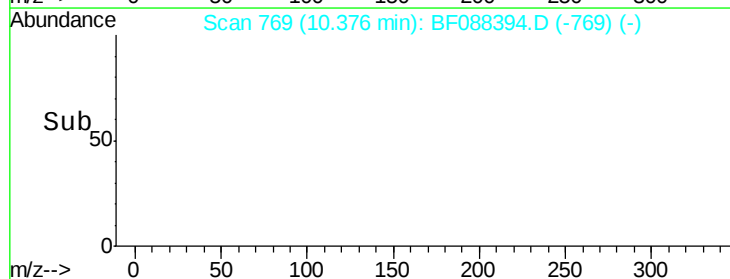
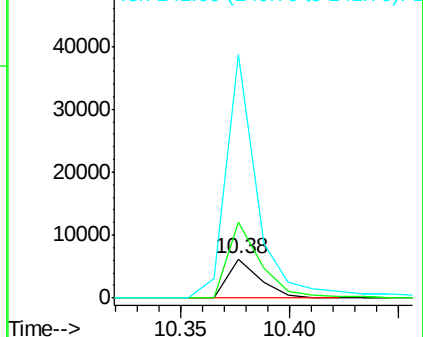


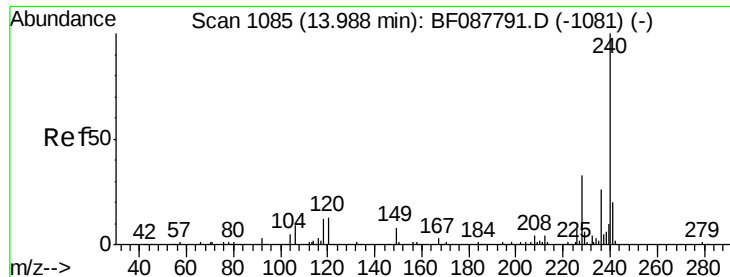
#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088394.D
Acq: 26 Jun 2016 1:42

Tgt Ion:248 Resp: 6225
Ion Ratio Lower Upper
248 100
250 193.8 77.1 115.7#
141 625.2 50.6 76.0#



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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

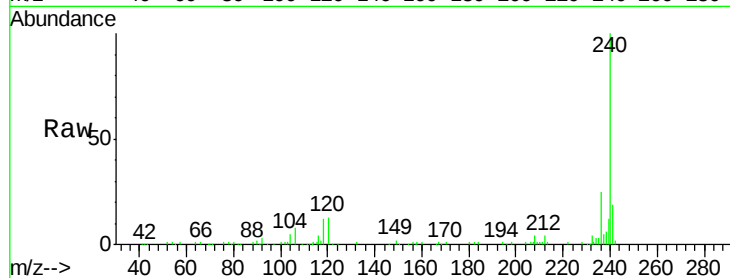
Tgt Ion:240 Resp: 146610

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

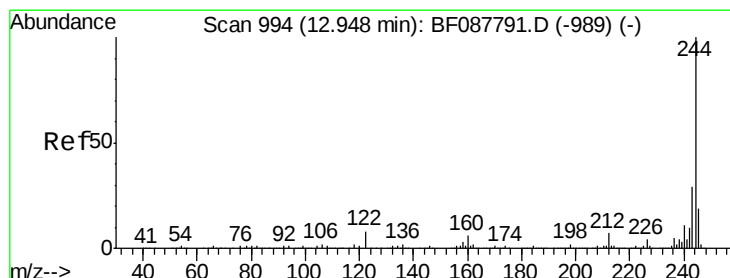
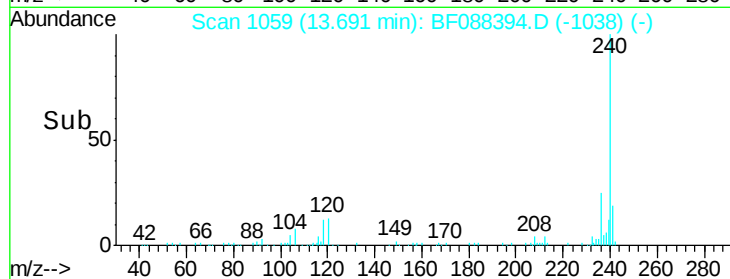
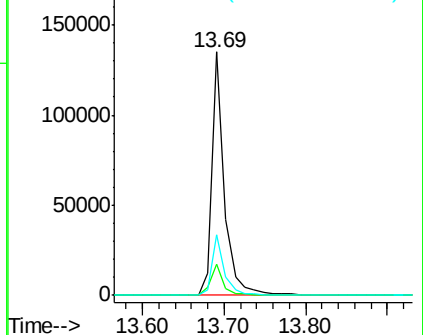
236 24.9 20.2 30.2



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: 73.28 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088394.D

Acq: 26 Jun 2016 1:42

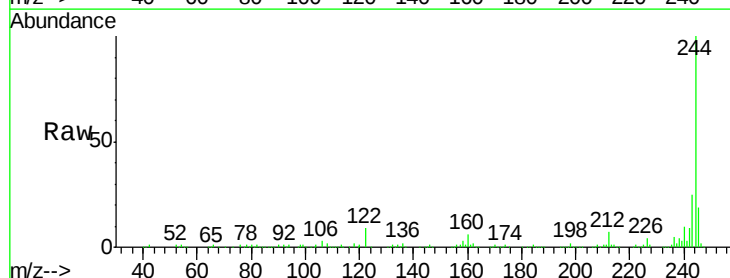
Tgt Ion:244 Resp: 472114

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

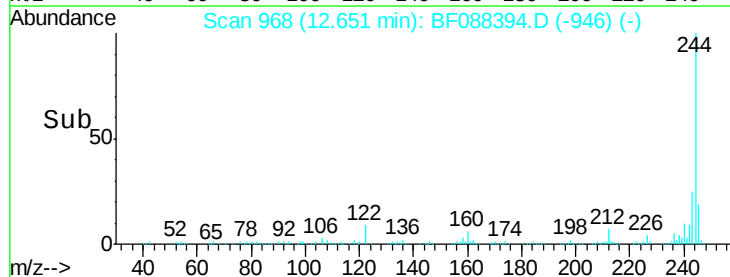
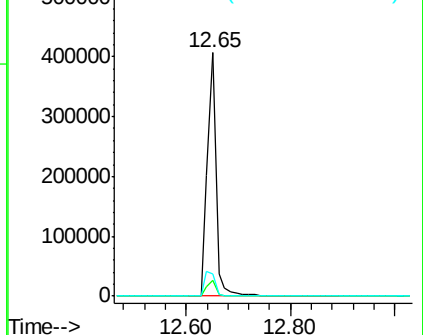
122 9.3 11.2 16.8#

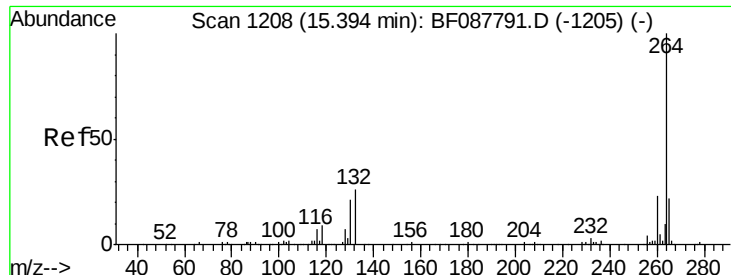


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

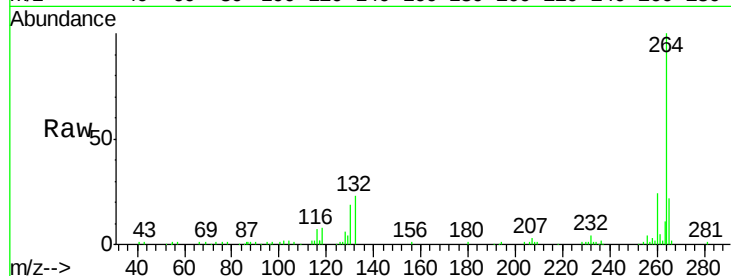




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF088394.D
Acq: 26 Jun 2016 1:42

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion: 264 Resp: 112195
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.7 16.9 25.3



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

