

Data Path : Z:\HPCHEM1\BNA_F\Data\BF033016\
 Data File : BF085919.D
 Acq On : 31 Mar 2016 8:38
 Operator : UM/SJ
 Sample : H2010-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB28COMP0.5-15.0

Quant Time: Mar 31 16:32:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

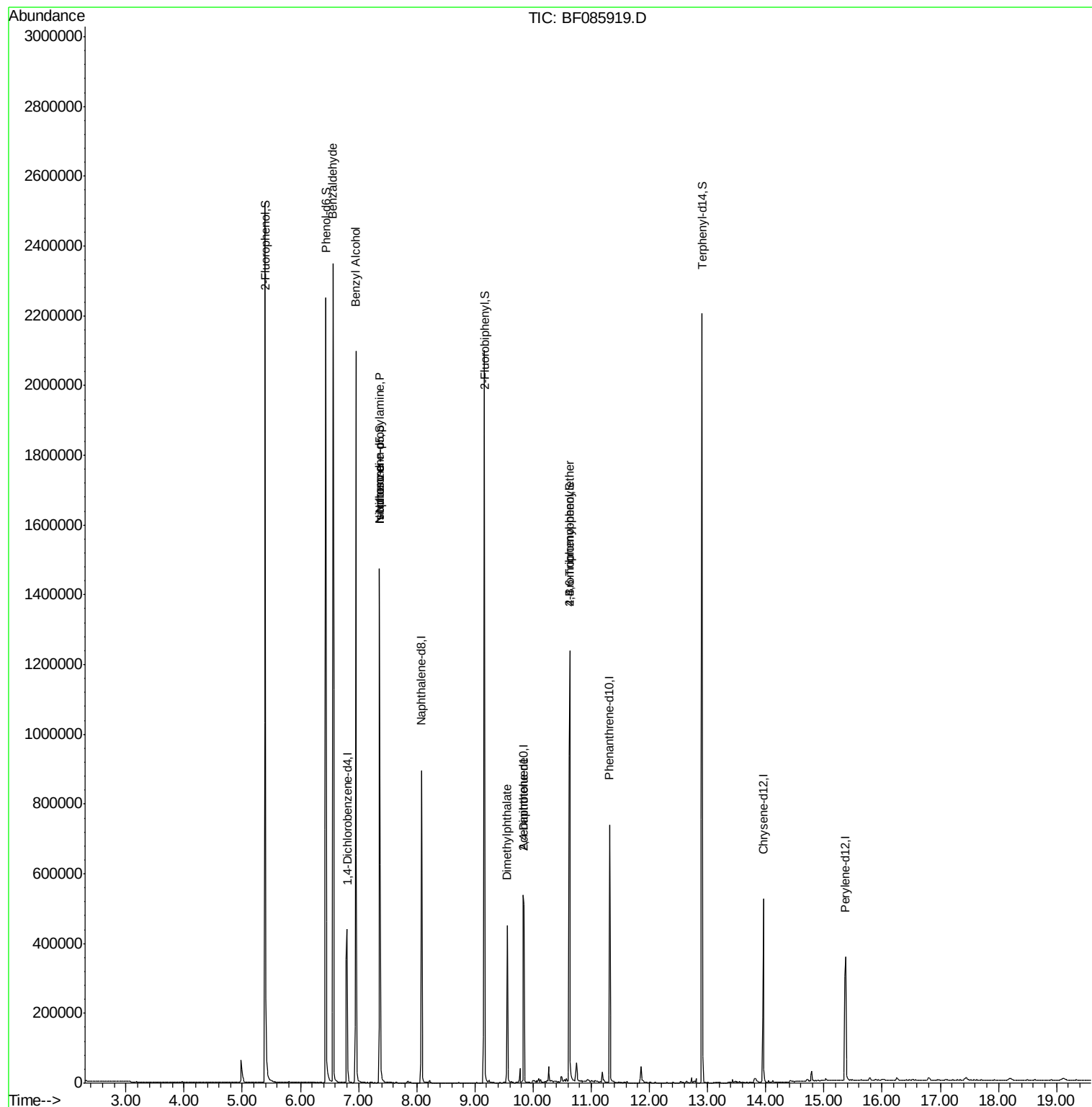
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96694	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	393324	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	157181	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	268269	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	195580	20.00	ng	-0.01
86) Perylene-d12	15.37	264	193339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	831984	143.30	ng	0.00
7) Phenol-d6	6.44	99	946008	128.15	ng	-0.01
23) Nitrobenzene-d5	7.36	82	579878	83.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	217977	145.96	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1002658	106.58	ng	0.00
78) Terphenyl-d14	12.90	244	694294	73.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	16642	3.74	ng	Qvalue 81
15) Benzyl Alcohol	6.95	79	9889	2.01	ng	# 50
19) n-Nitroso-di-n-propylamine	7.36	70	74059	16.76	ng	# 79
25) Isophorone	7.36	82	541590	40.25	ng	# 68
49) Dimethylphthalate	9.56	163	167139	14.02	ng	98
56) 2,4-Dinitrotoluene	9.83	165	19641	6.02	ng	# 35
66) 4-Bromophenyl-phenylether	10.63	248	13464	4.91	ng	# 1

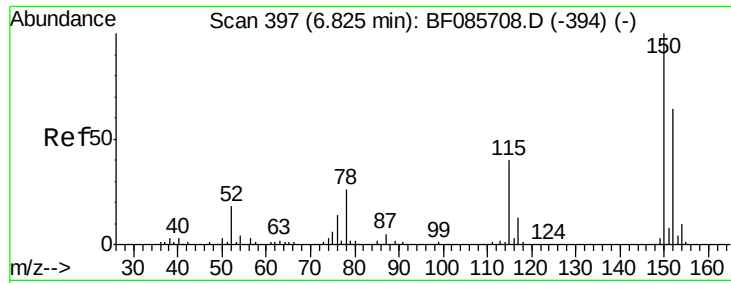
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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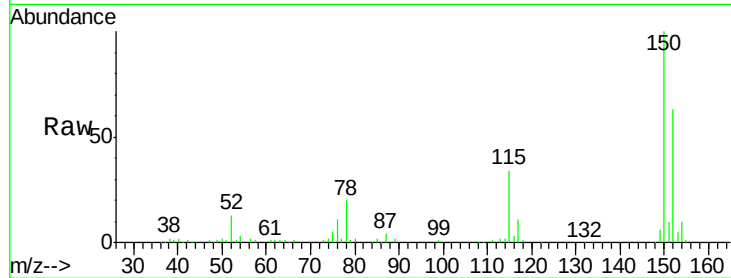


#1

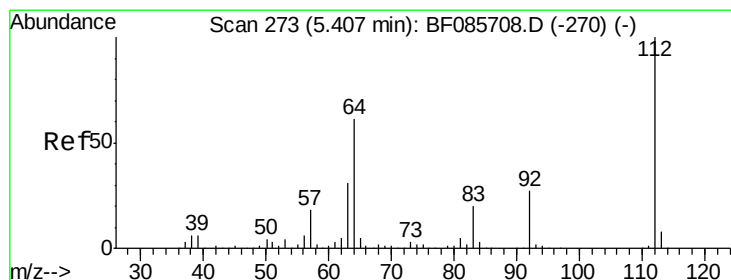
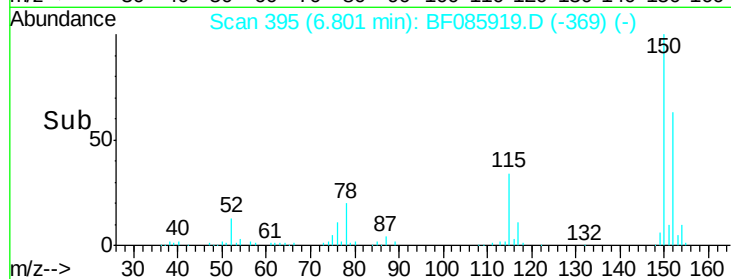
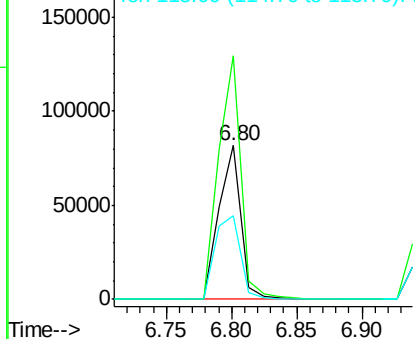
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF085919.D
Acq: 31 Mar 2016 8:38

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB28COMP0.5-15.0

Tgt Ion:152 Resp: 96694
Ion Ratio Lower Upper
152 100
150 158.3 124.2 186.2
115 54.0 47.0 70.6



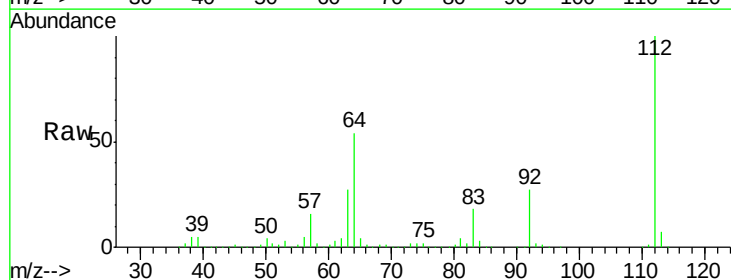
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



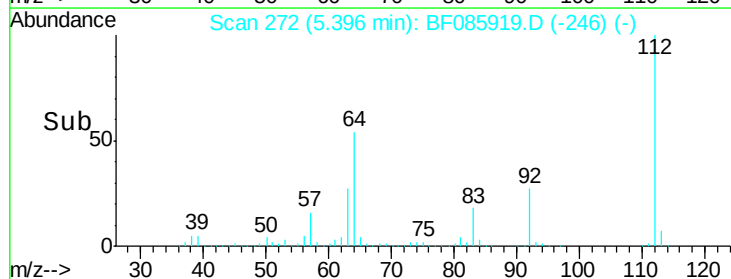
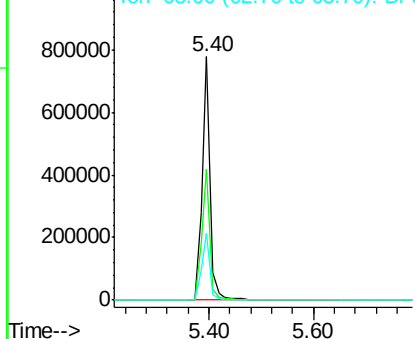
#5

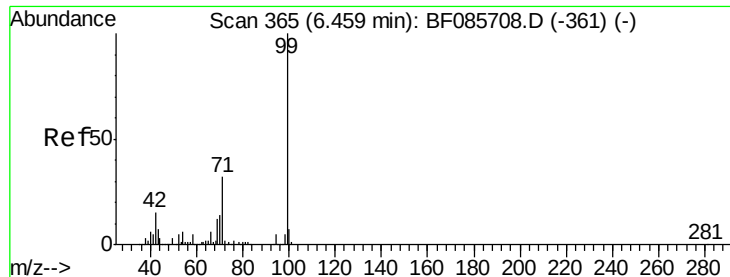
2-Fluorophenol
Concen: 143.30 ng
RT: 5.40 min Scan# 272
Delta R.T. -0.00 min
Lab File: BF085919.D
Acq: 31 Mar 2016 8:38

Tgt Ion:112 Resp: 831984
Ion Ratio Lower Upper
112 100
64 53.8 39.9 59.9
63 27.3 20.2 30.2



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: 128.15 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB28COMP0.5-15.0

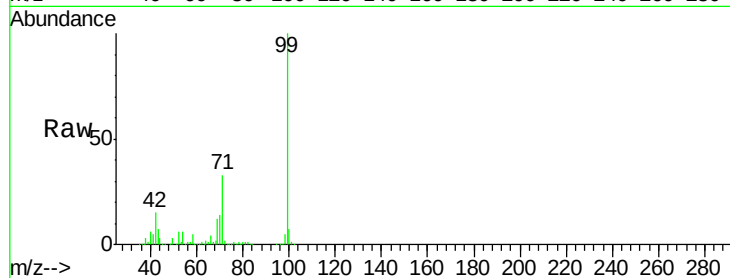
Tgt Ion: 99 Resp: 946008

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

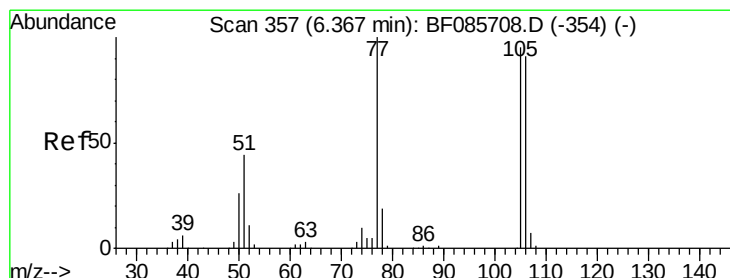
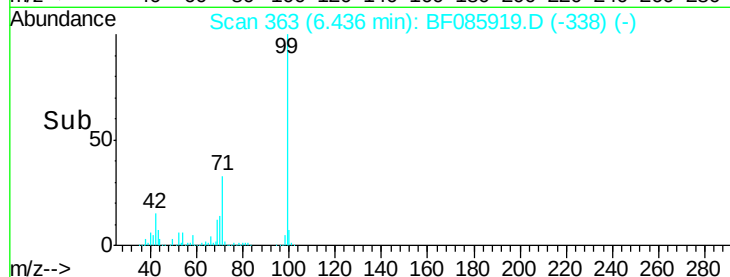
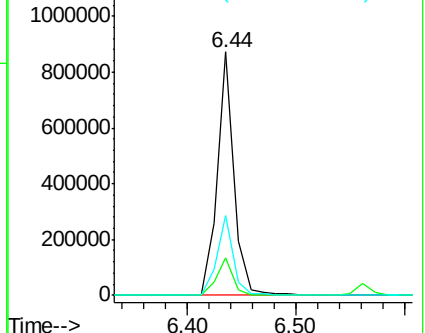
71 33.0 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.74 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

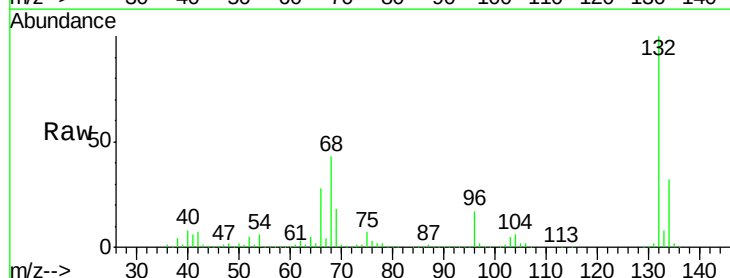
Tgt Ion: 77 Resp: 16642

Ion Ratio Lower Upper

77 100

105 82.3 80.1 120.1

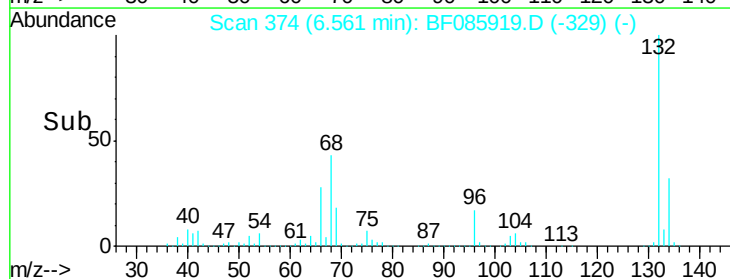
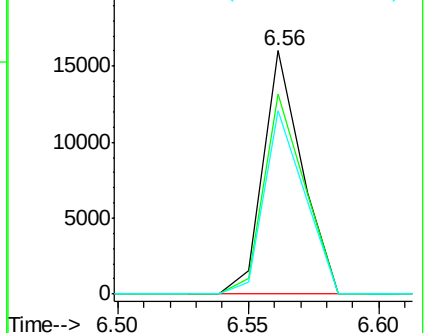
106 75.2 75.0 115.0

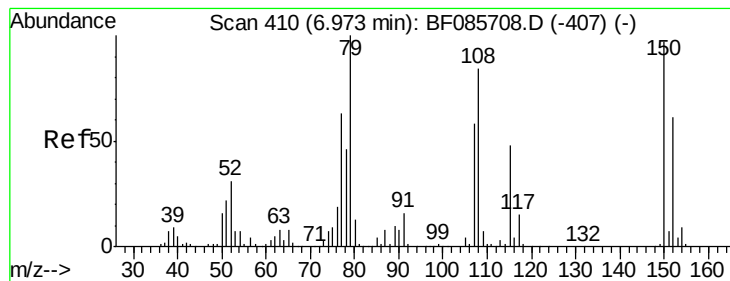


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB28COMP0.5-15.0

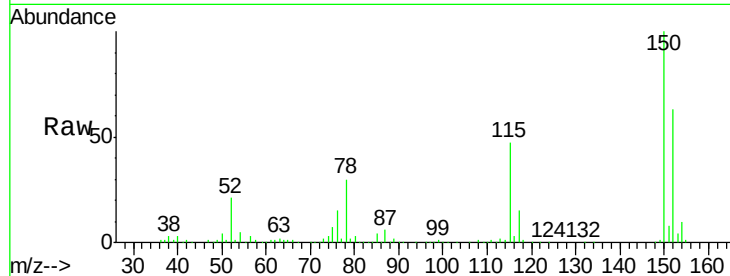
Tgt Ion: 79 Resp: 9889

Ion Ratio Lower Upper

79 100

108 31.9 61.8 92.6#

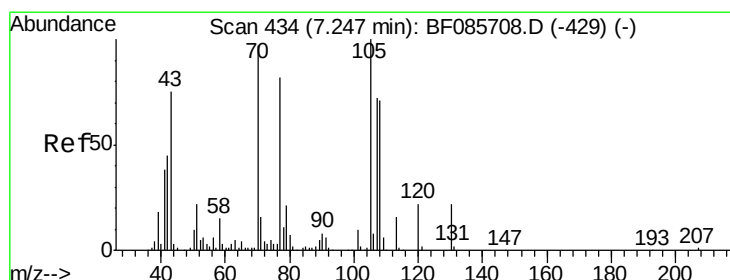
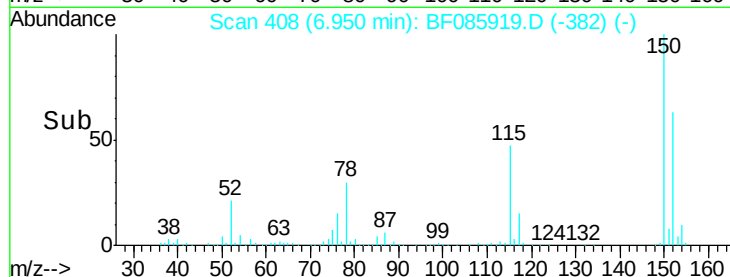
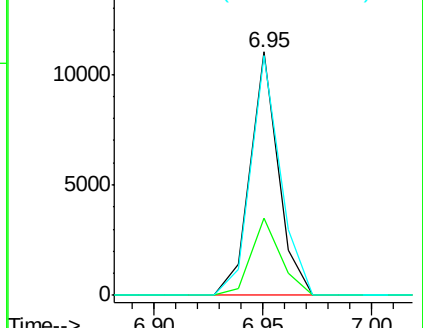
77 98.4 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.76 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

Tgt Ion: 70 Resp: 74059

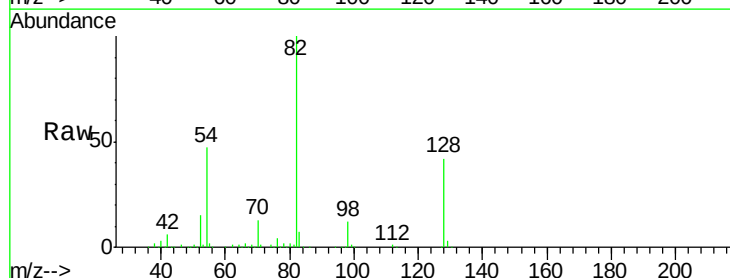
Ion Ratio Lower Upper

70 100

42 42.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

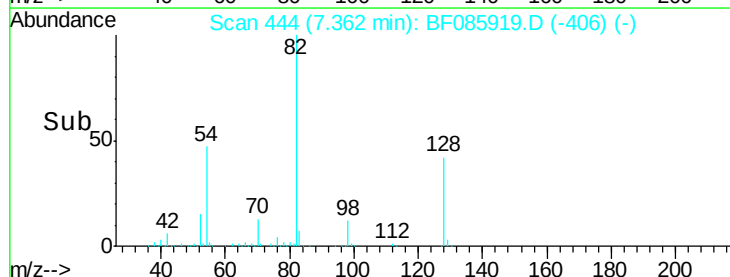
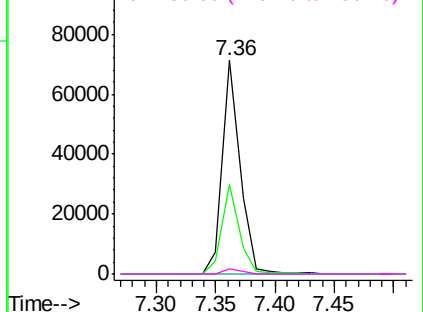


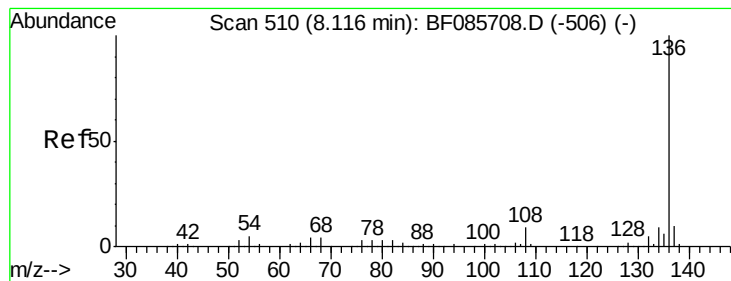
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

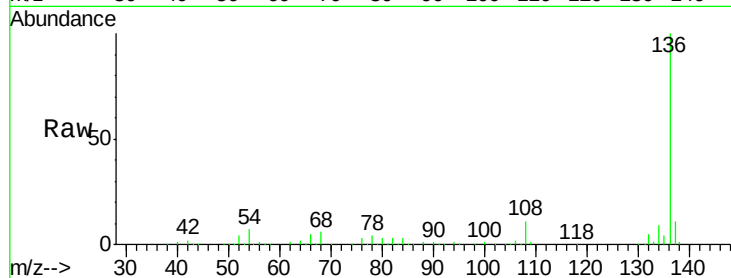




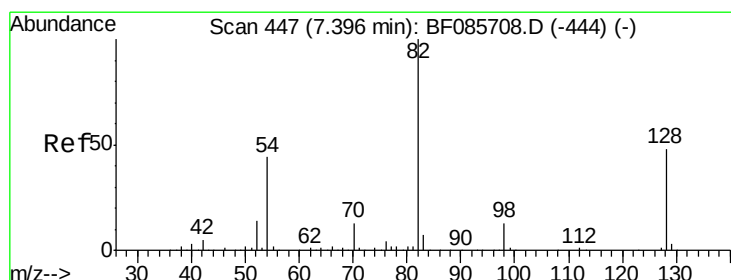
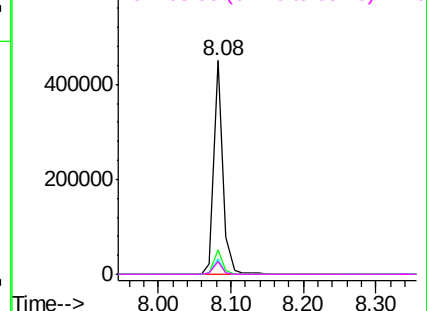
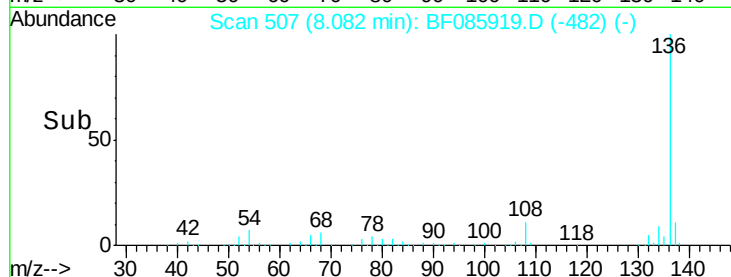
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085919.D
Acq: 31 Mar 2016 8:38

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB28COMP0.5-15.0

Tgt Ion:	136	Resp:	393324
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.1	7.4	11.0#
68	5.9	5.8	8.8

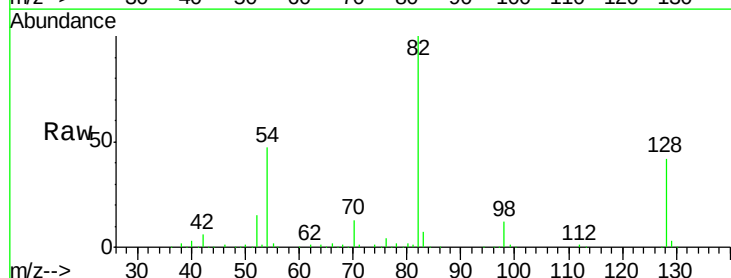


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

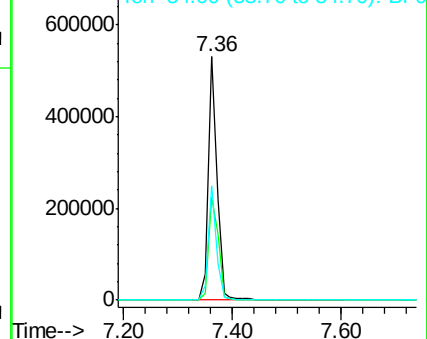
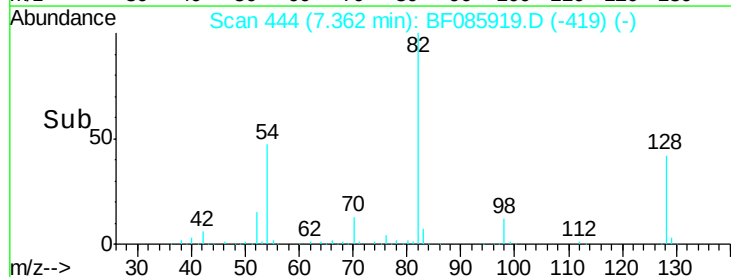


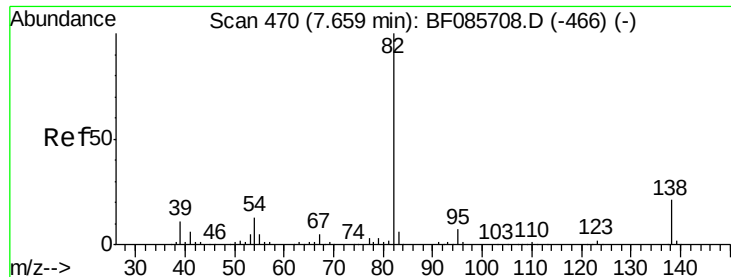
#23
Nitrobenzene-d5
Concen: 83.02 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085919.D
Acq: 31 Mar 2016 8:38

Tgt Ion:	82	Resp:	579878
Ion Ratio	Lower	Upper	
82	100		
128	42.2	41.8	62.8
54	47.0	33.4	50.0



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





#25

Isophorone

Concen: 40.25 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB28COMP0.5-15.0

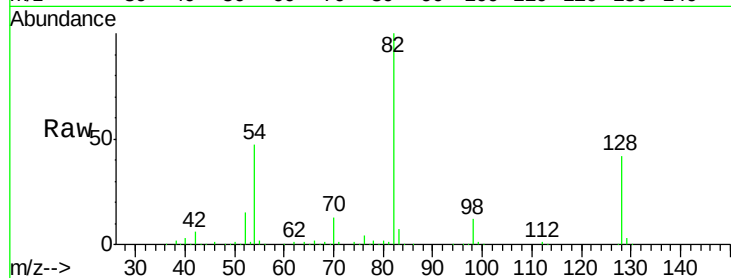
Tgt Ion: 82 Resp: 541590

Ion Ratio Lower Upper

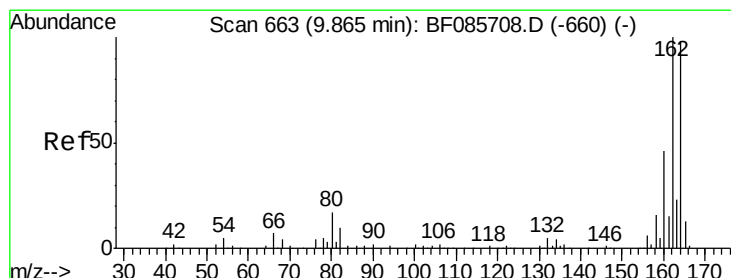
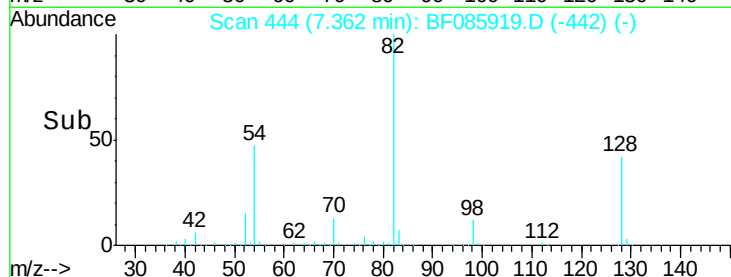
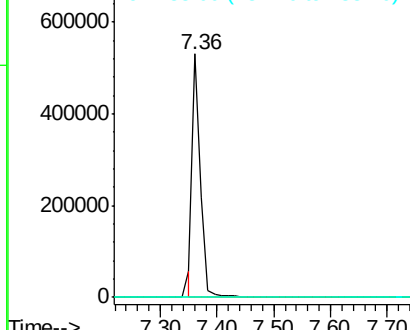
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

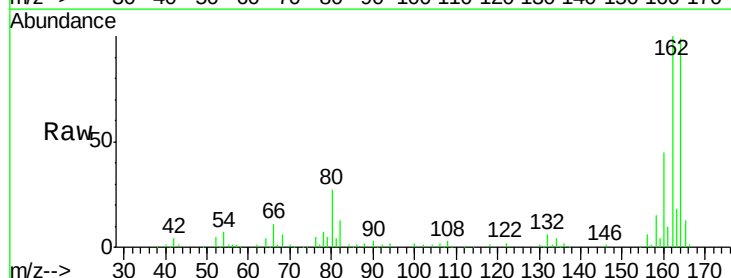
Tgt Ion: 164 Resp: 157181

Ion Ratio Lower Upper

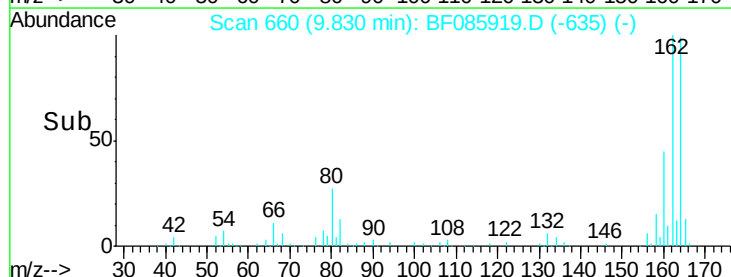
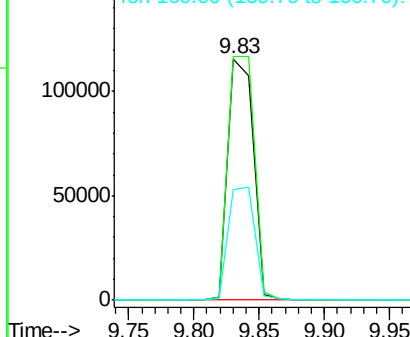
164 100

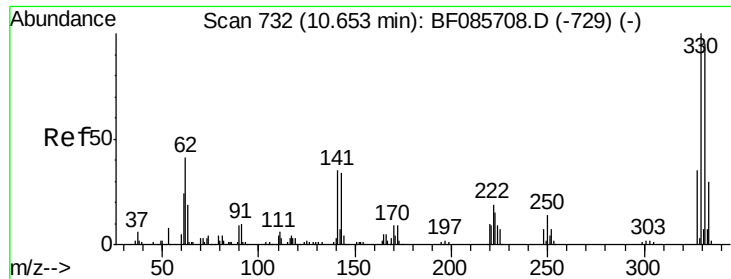
162 100.9 82.1 123.1

160 45.8 37.4 56.2



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

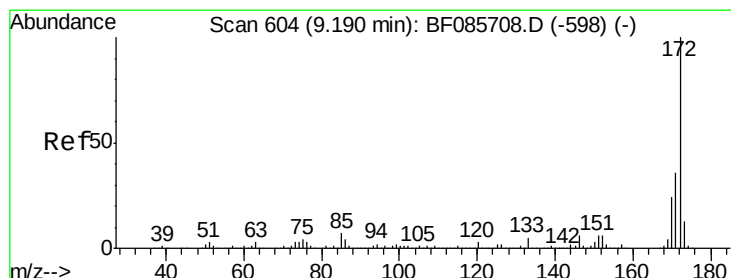
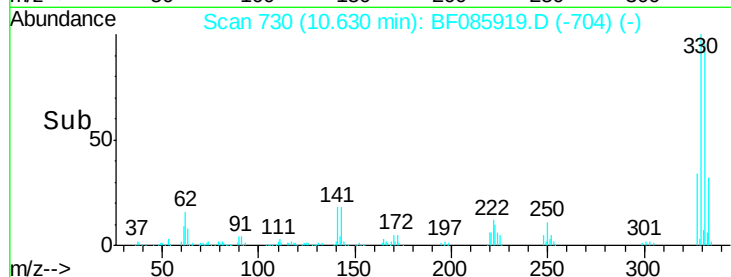
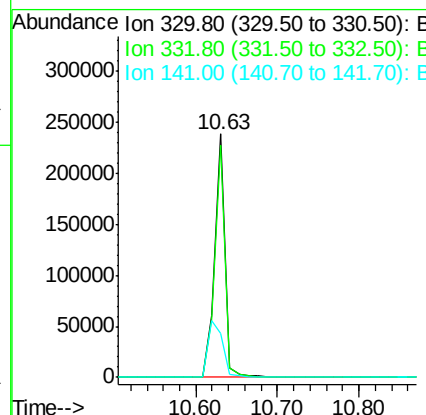
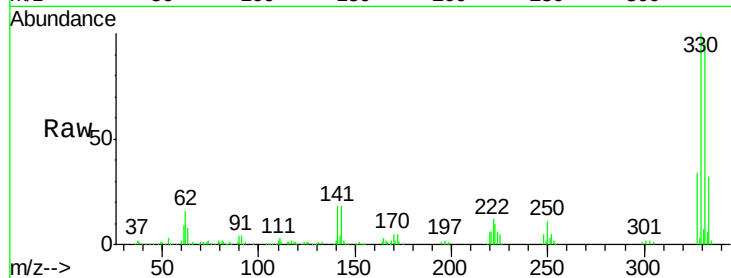




#41
 2,4,6-Tribromophenol
 Concen: 145.96 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085919.D
 Acq: 31 Mar 2016 8:38

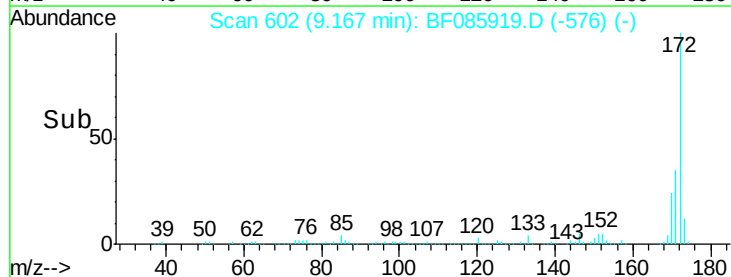
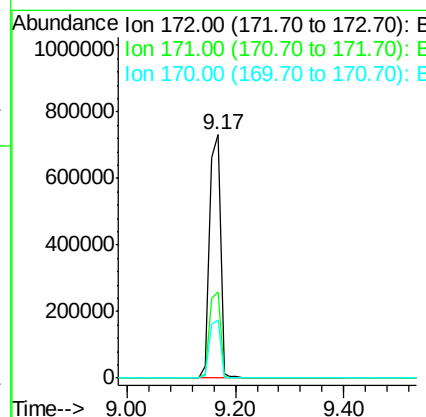
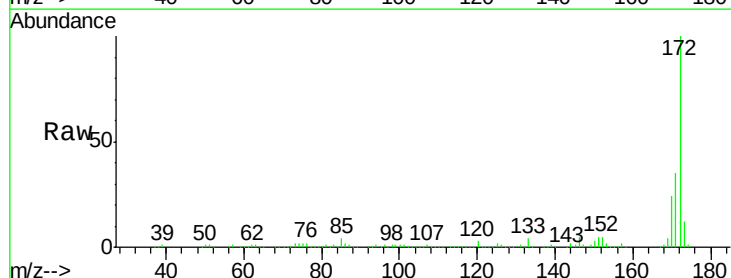
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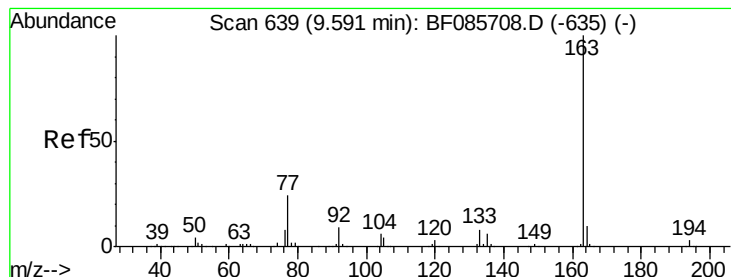
Tgt Ion:330 Resp: 217977
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.2 117.2
 141 33.2 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 106.58 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085919.D
 Acq: 31 Mar 2016 8:38

Tgt Ion:172 Resp: 1002658
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.2
 170 23.9 19.8 29.6





#49

Dimethylphthalate

Concen: 14.02 ng

RT: 9.56 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB28COMP0.5-15.0

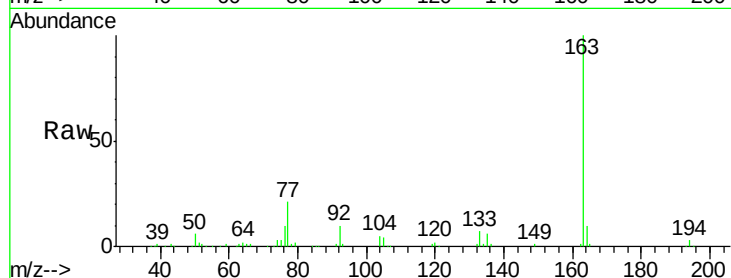
Tgt Ion:163 Resp: 167139

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

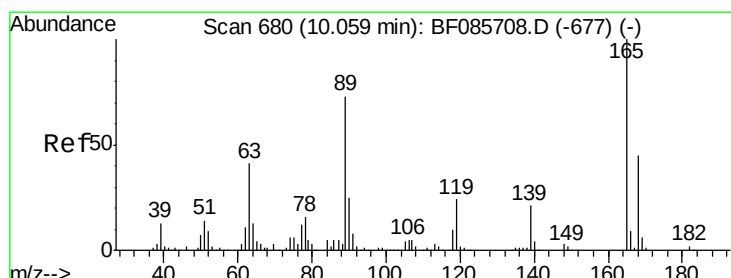
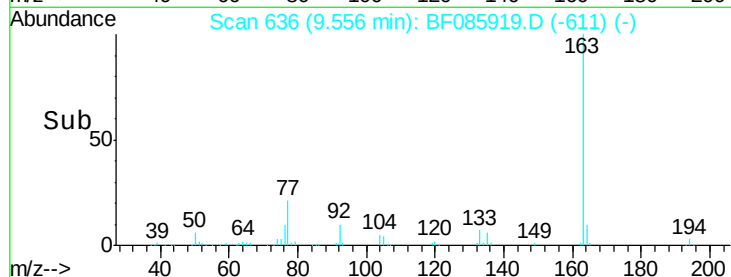
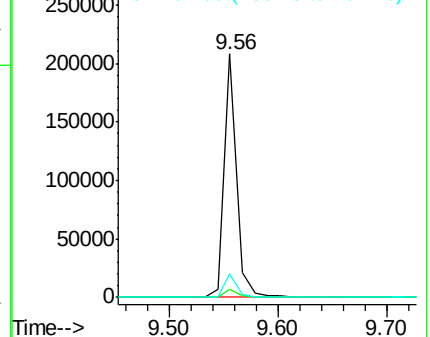
164 9.6 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.02 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.21 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

Tgt Ion:165 Resp: 19641

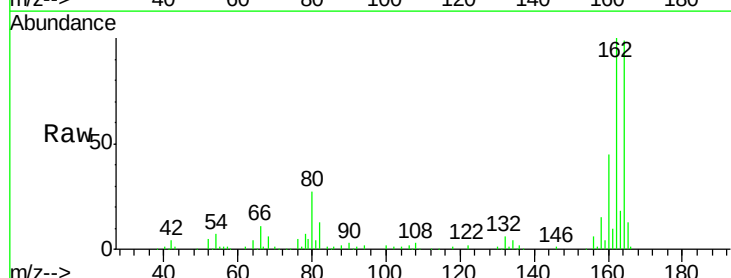
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 0.0 41.0 61.6#

182 0.0 2.1 3.1#

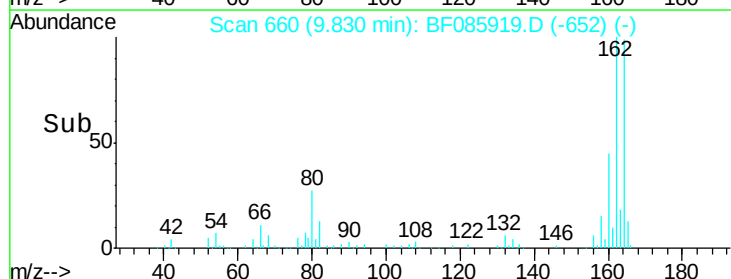
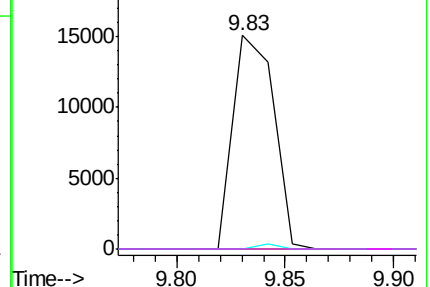


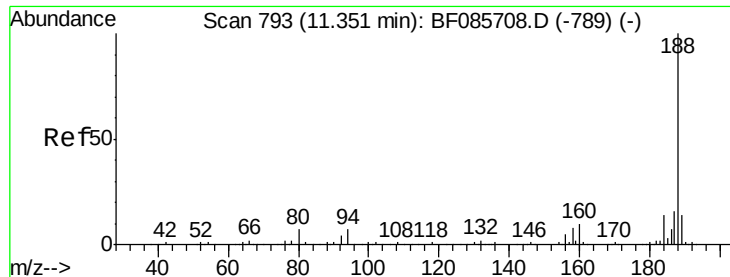
Abundance Ion 165.00 (164.70 to 165.70): E

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

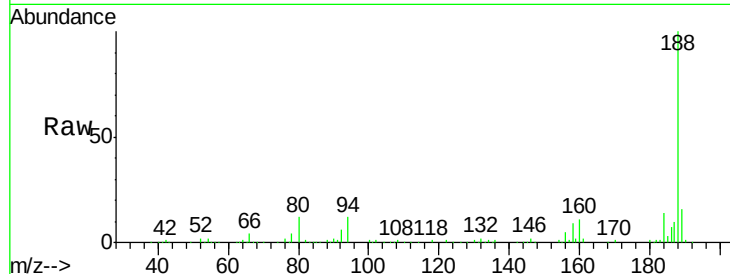




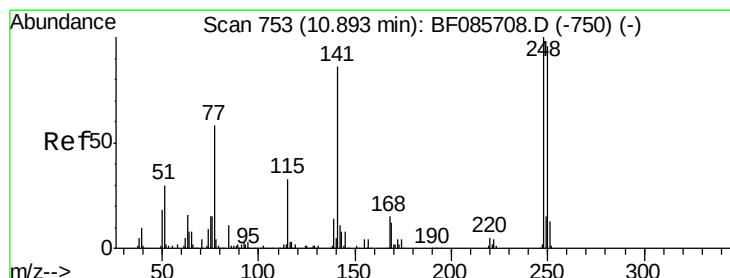
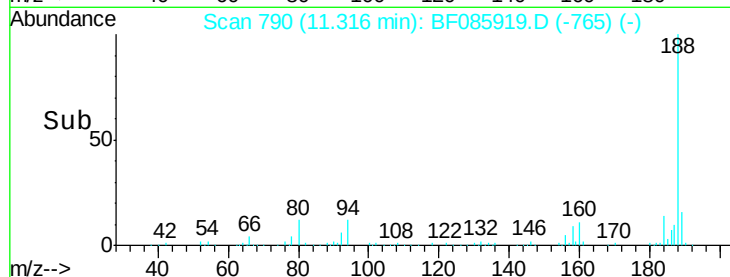
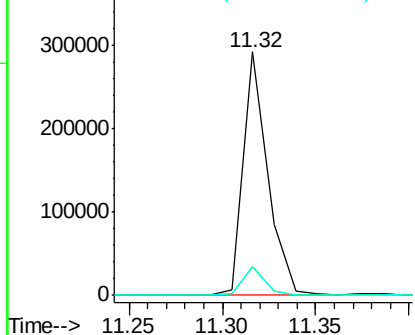
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085919.D
Acq: 31 Mar 2016 8:38

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB28COMP0.5-15.0

Tgt Ion:188 Resp: 268269
Ion Ratio Lower Upper
188 100
94 11.5 5.4 8.0#
80 11.9 5.5 8.3#

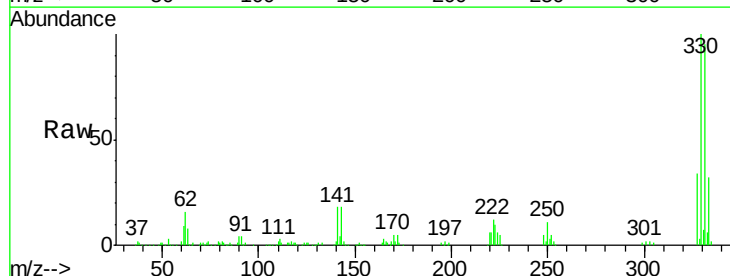


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

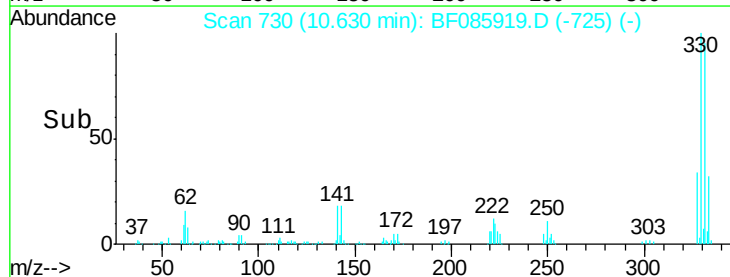
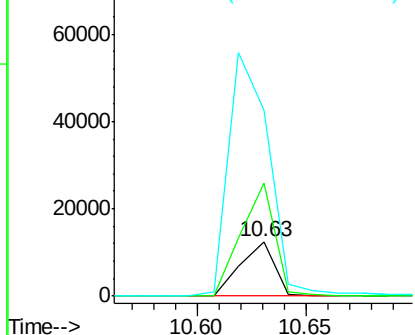


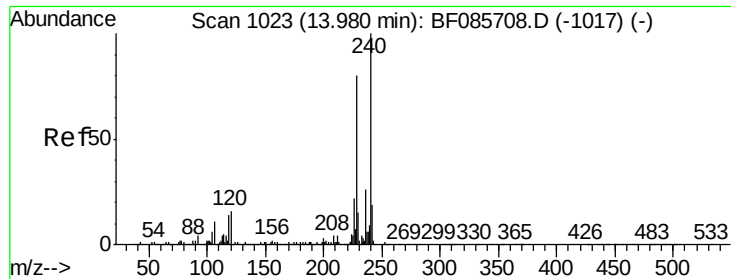
#66
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.24 min
Lab File: BF085919.D
Acq: 31 Mar 2016 8:38

Tgt Ion:248 Resp: 13464
Ion Ratio Lower Upper
248 100
250 207.8 77.4 116.0#
141 342.7 63.6 95.4#



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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB28COMP0.5-15.0

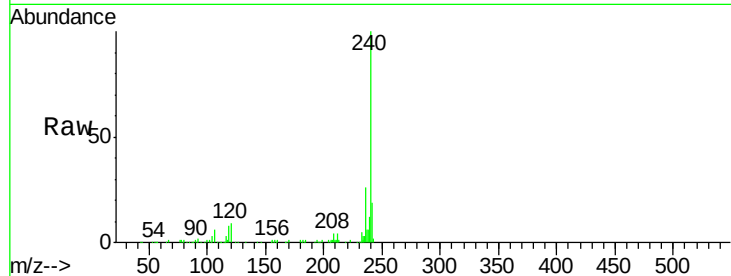
Tgt Ion:240 Resp: 195580

Ion Ratio Lower Upper

240 100

120 9.4 13.8 20.8#

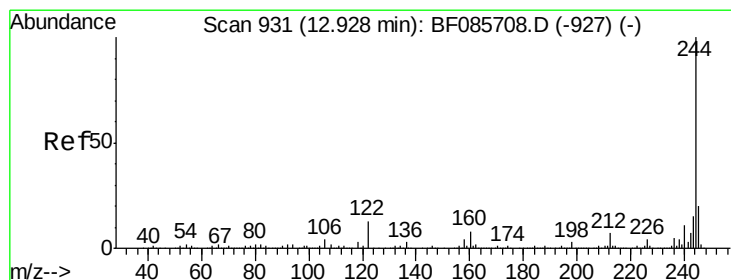
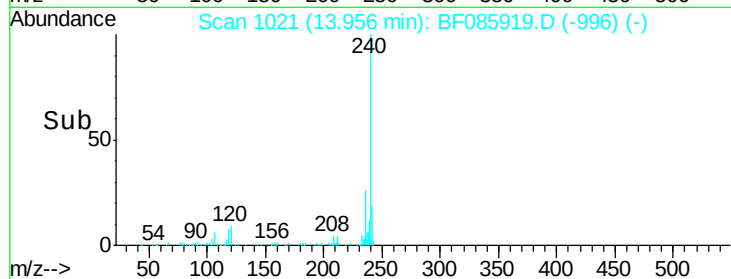
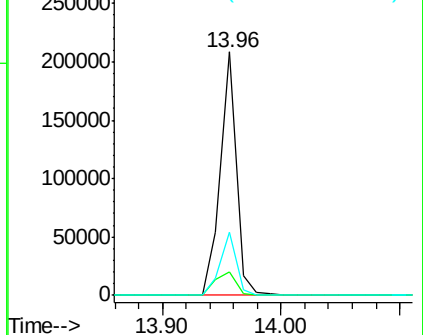
236 26.1 20.6 30.8



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: 73.01 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

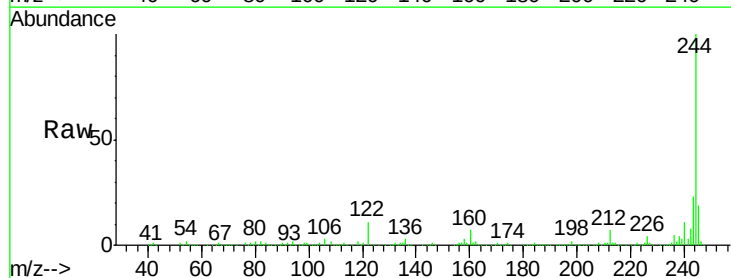
Tgt Ion:244 Resp: 694294

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

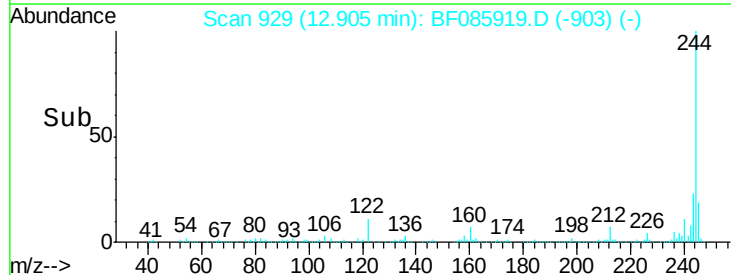
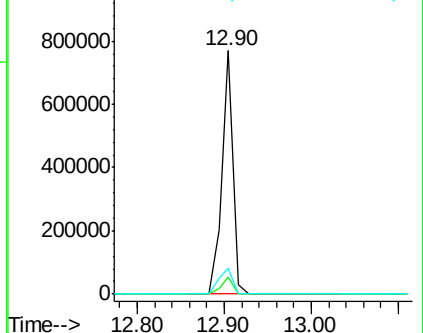
122 10.8 10.2 15.4

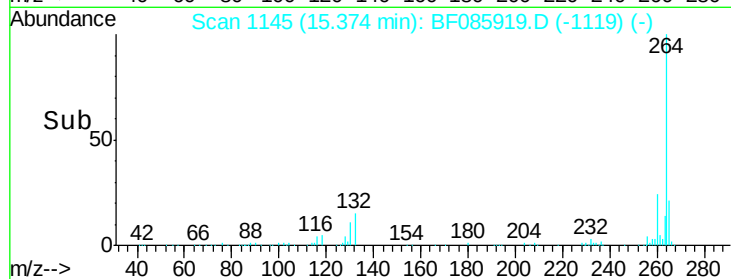
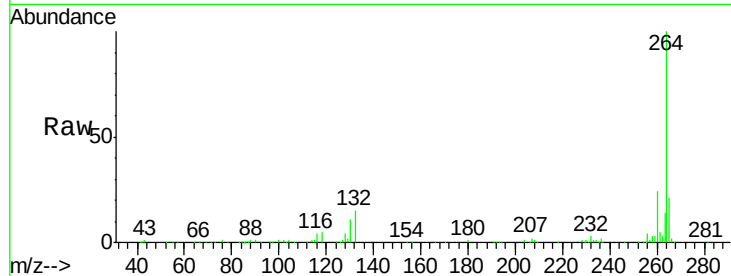
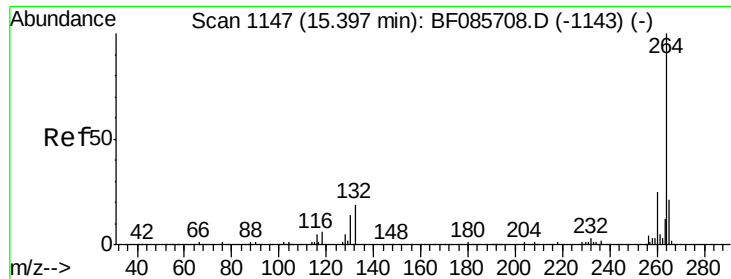


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF085919.D

Acq: 31 Mar 2016 8:38

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB28COMP0.5-15.0

Tgt Ion:264 Resp: 193339

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.1 17.2 25.8

