

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084218.D
 Acq On : 1 Jan 2016 2:02
 Operator : UM/SJ
 Sample : G4982-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

Quant Time: Jan 01 23:45:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

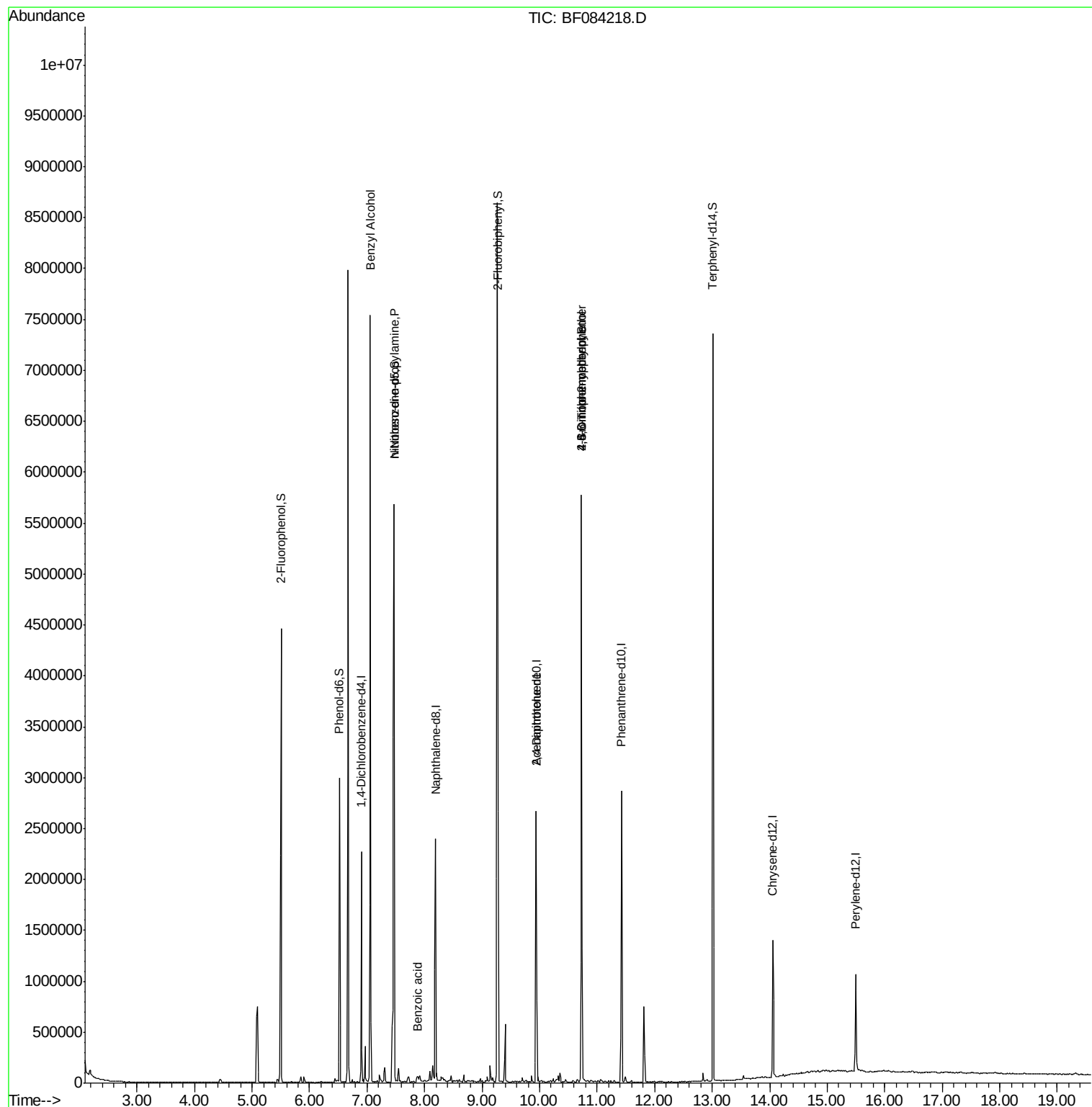
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	289967	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1182284	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	514733	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	926765	20.00	ng	0.00
75) Chrysene-d12	14.05	240	545805	20.00	ng	-0.01
86) Perylene-d12	15.49	264	517894	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1268114	70.74	ng	0.01
7) Phenol-d6	6.52	99	857250	38.07	ng	-0.01
23) Nitrobenzene-d5	7.47	82	2119176	99.76	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	665692	128.10	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2820964	97.33	ng	0.00
78) Terphenyl-d14	13.01	244	2195441	89.79	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.06	79	43243	2.28	ng	# 45
19) n-Nitroso-di-n-propylamine	7.47	70	307899	20.20	ng	# 70
32) Benzoic acid	7.88	122	13338	7.16	ng	96
54) Dibenzofuran	10.14	168	381	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.94	165	67108	6.57	ng	# 21
57) Fluorene	10.73	166	27735	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.73	198	1987	6.68	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	40803	4.09	ng	# 1
73) Di-n-butylphthalate	12.00	149	4871	Below Cal	#	95

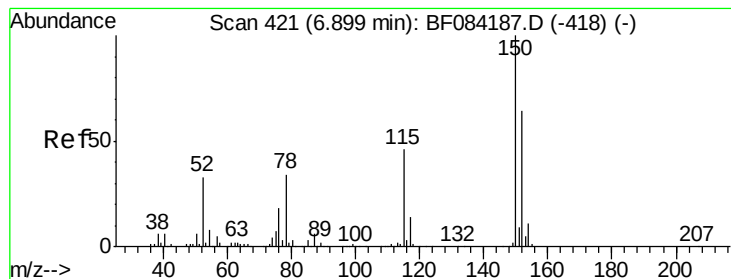
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

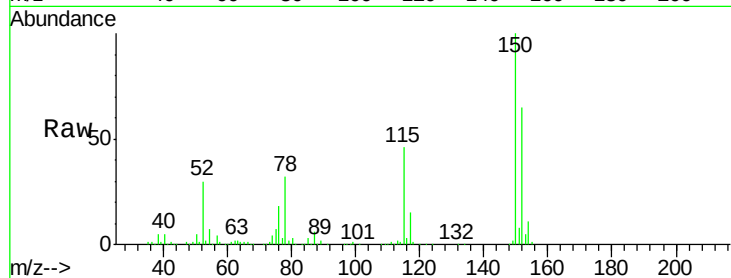
Tgt Ion:152 Resp: 289967

Ion Ratio Lower Upper

152 100

150 154.1 123.0 184.4

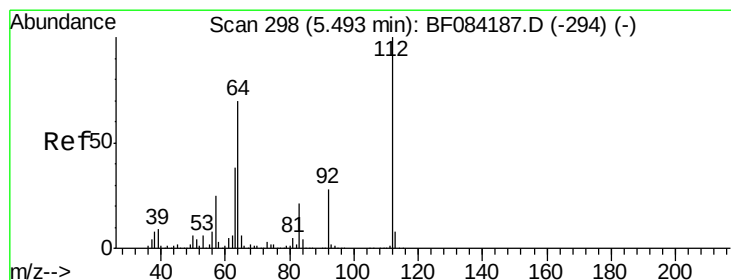
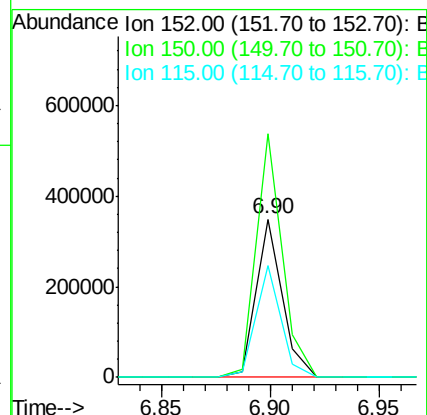
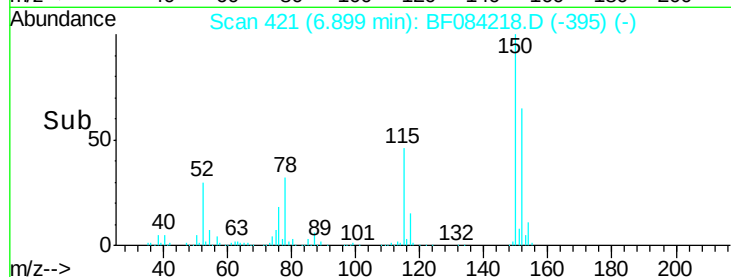
115 70.5 51.4 77.2



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: 70.74 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

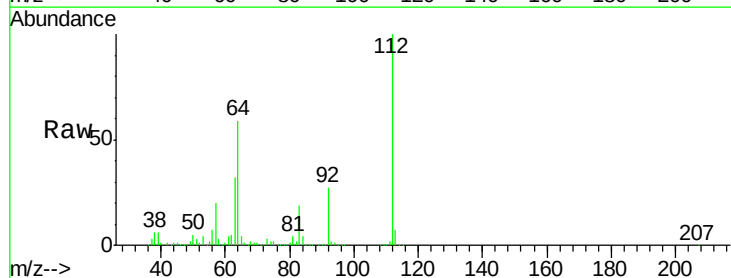
Tgt Ion:112 Resp: 1268114

Ion Ratio Lower Upper

112 100

64 59.5 36.6 55.0#

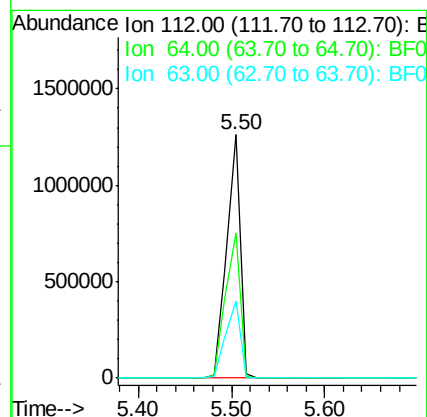
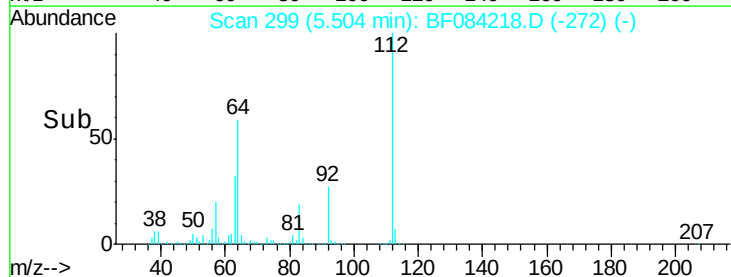
63 31.5 19.4 29.0#

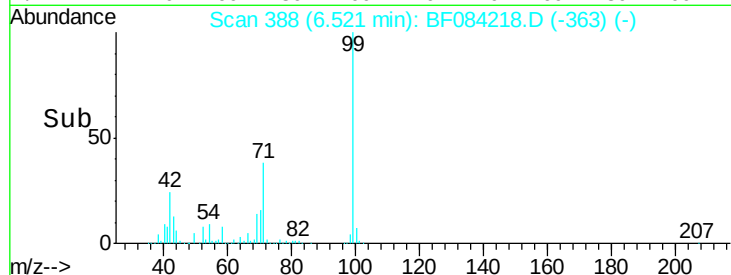
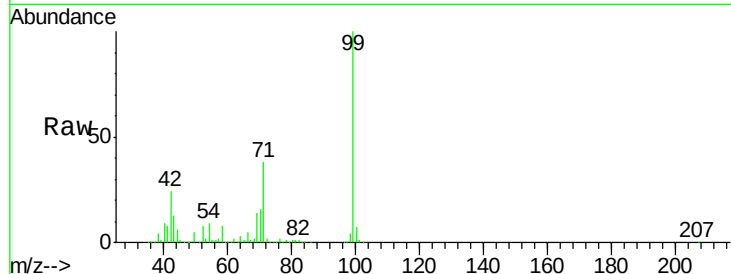
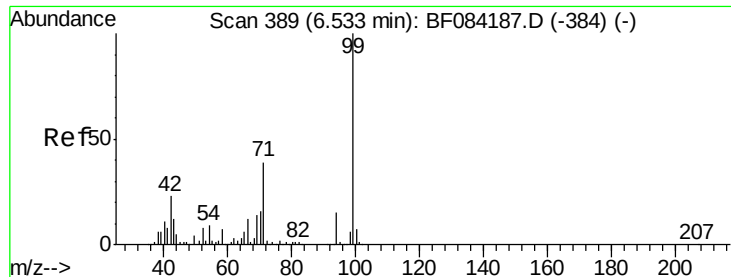


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

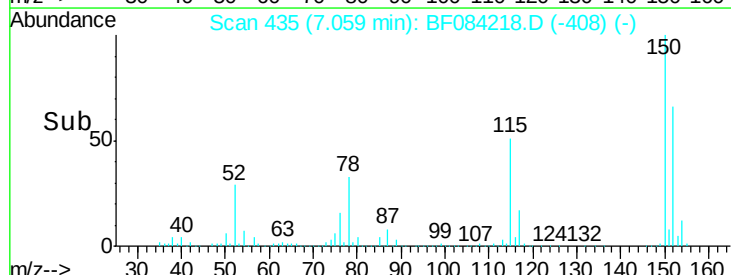
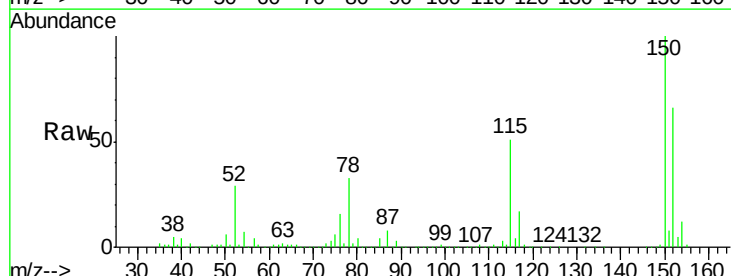
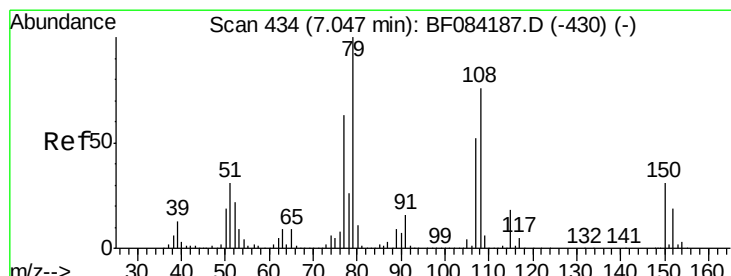
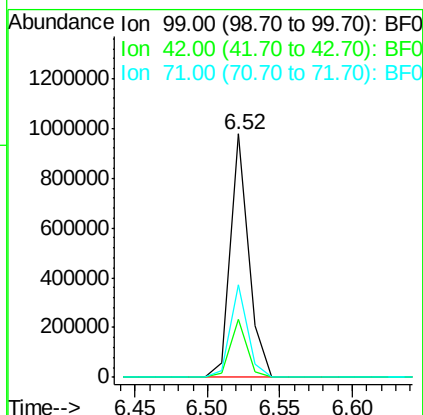




#7
 Phenol-d6
 Concen: 38.07 ng
 RT: 6.52 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

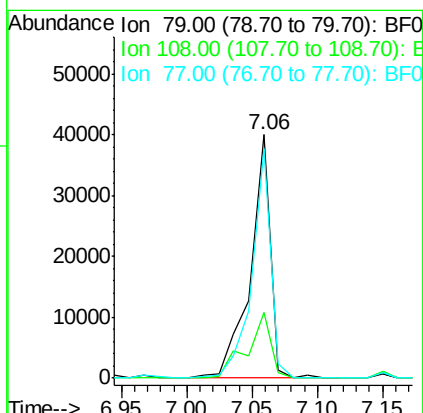
Tgt Ion	Ratio	Lower	Upper
99	100		
42	23.8	12.8	19.2#
71	38.1	30.9	46.3

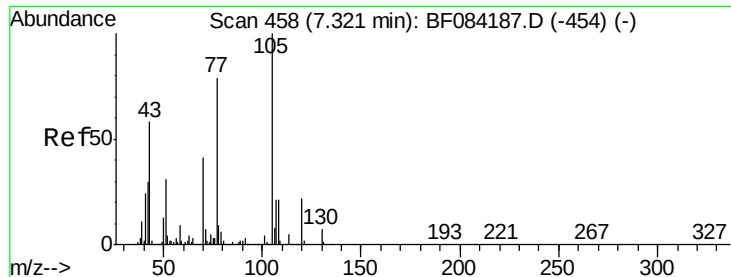
Instrument :
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 EB-S8-2015-5



#15
 Benzyl Alcohol
 Concen: 2.28 ng
 RT: 7.06 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

Tgt Ion	Ratio	Lower	Upper
79	100		
108	27.0	69.0	103.4#
77	94.2	50.0	75.0#

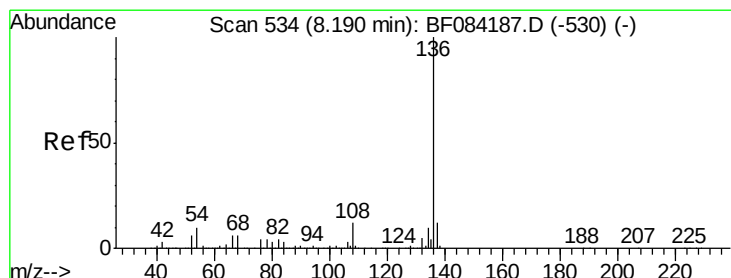
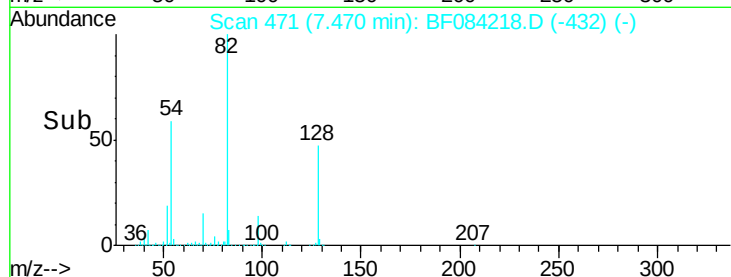
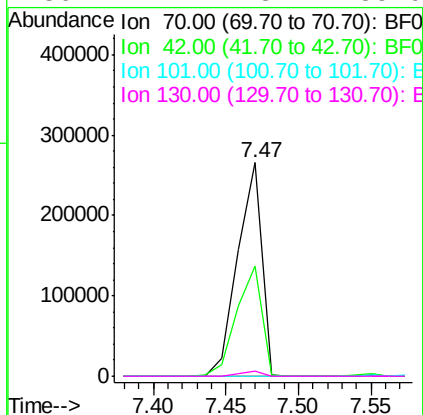
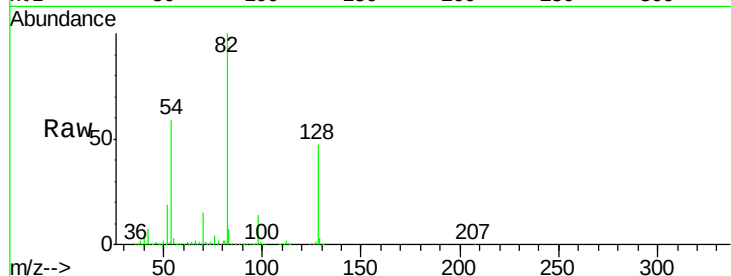




#19
n-Nitroso-di-n-propylamine
Concen: 20.20 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF084218.D
Acq: 1 Jan 2016 2:02

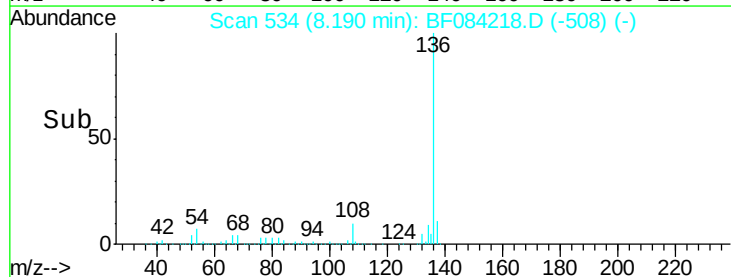
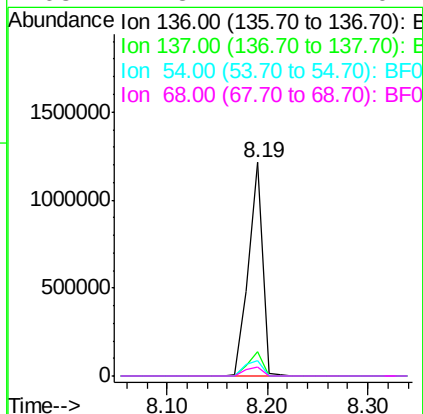
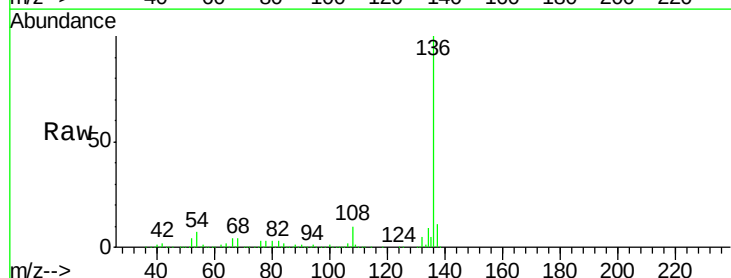
Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

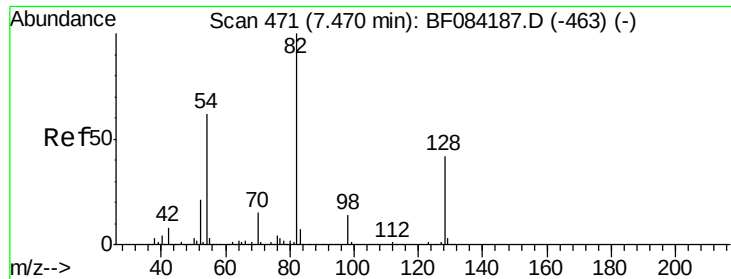
Tgt Ion: 70 Resp: 307899
Ion Ratio Lower Upper
70 100
42 51.3 33.3 49.9#
101 0.2 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084218.D
Acq: 1 Jan 2016 2:02

Tgt Ion: 136 Resp: 1182284
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.3 5.8 8.8
68 4.3 4.2 6.2

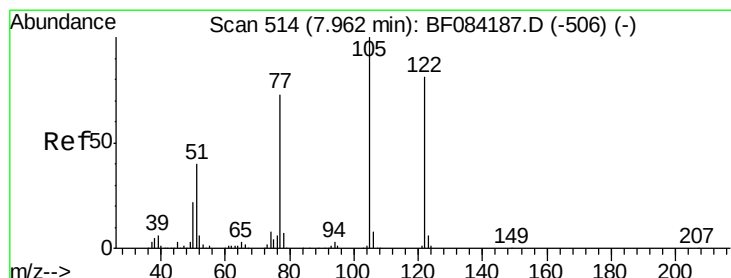
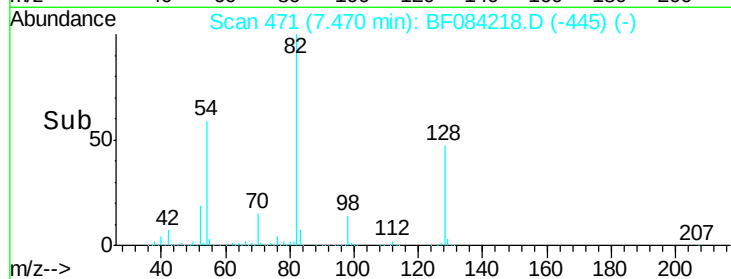
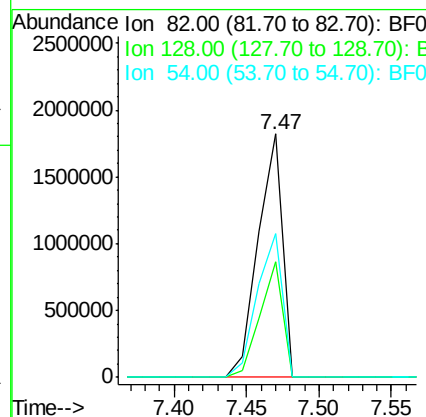
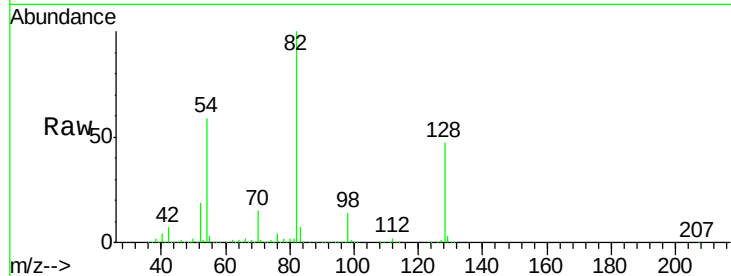




#23
 Nitrobenzene-d5
 Concen: 99.76 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

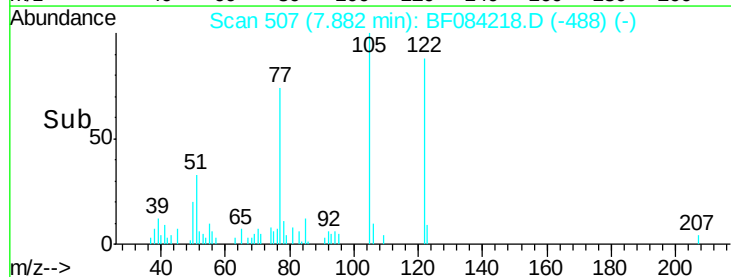
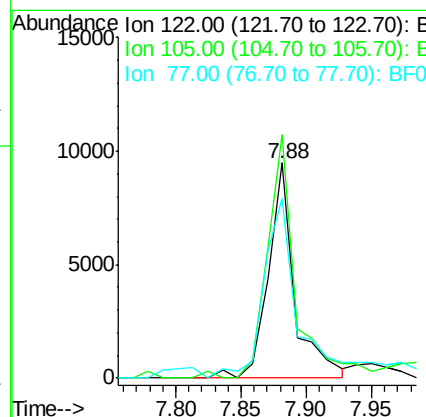
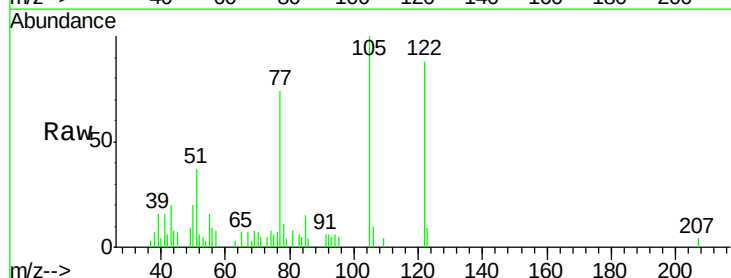
Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

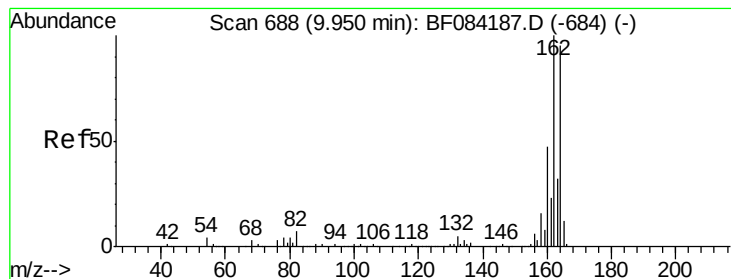
Tgt Ion: 82 Resp: 2119176
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.6 51.8
 54 59.1 38.4 57.6#



#32
 Benzoic acid
 Concen: 7.16 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.08 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

Tgt Ion: 122 Resp: 13338
 Ion Ratio Lower Upper
 122 100
 105 113.1 100.3 140.3
 77 83.3 63.5 103.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

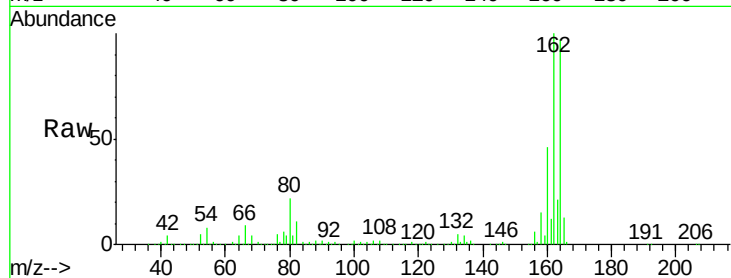
Tgt Ion:164 Resp: 514733

Ion Ratio Lower Upper

164 100

162 102.7 85.1 127.7

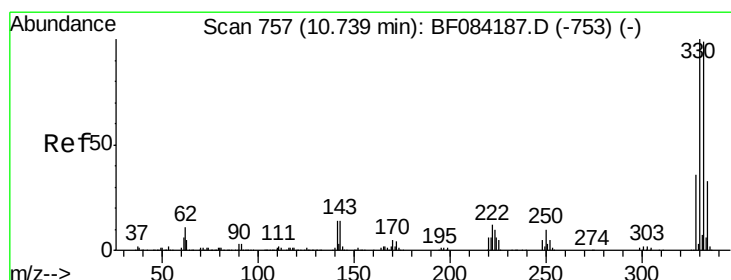
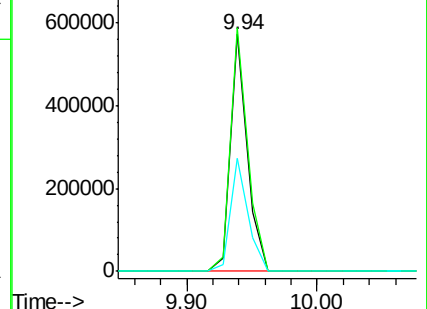
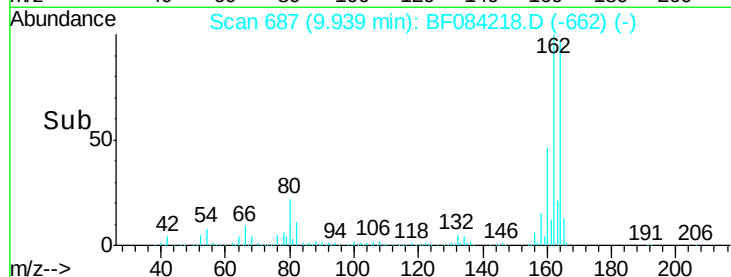
160 47.6 37.5 56.3



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: 128.10 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

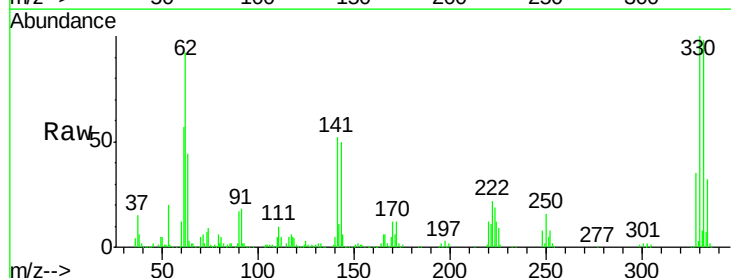
Tgt Ion:330 Resp: 665692

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

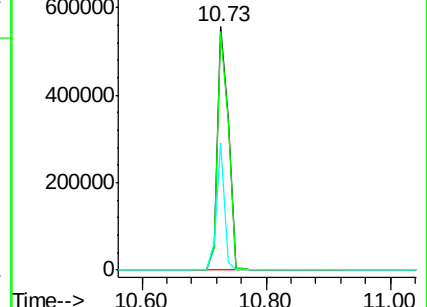
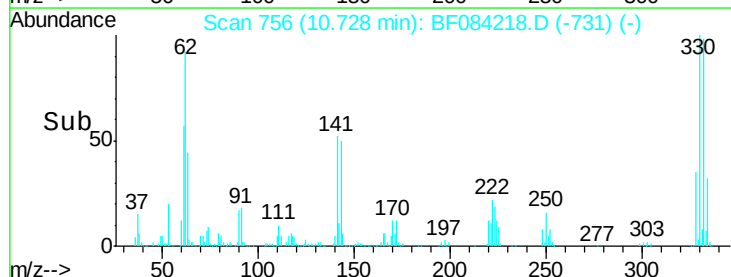
141 38.8 27.8 41.6

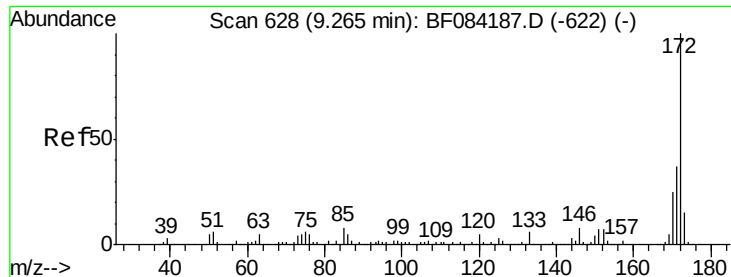


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

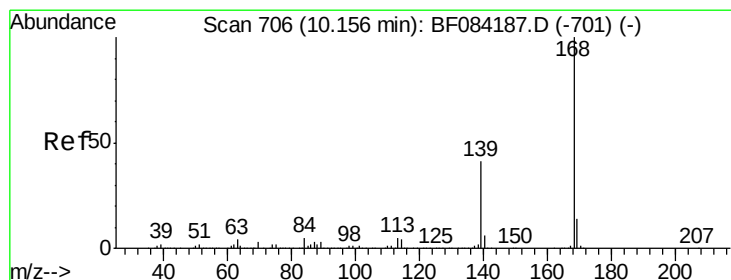
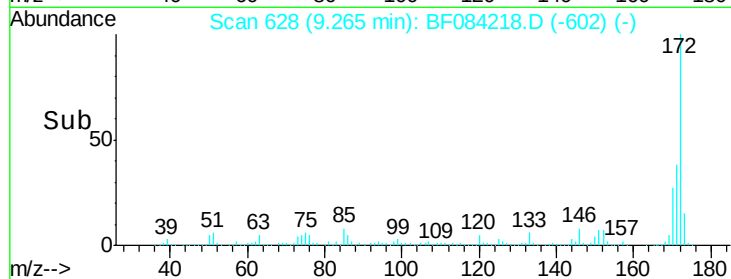
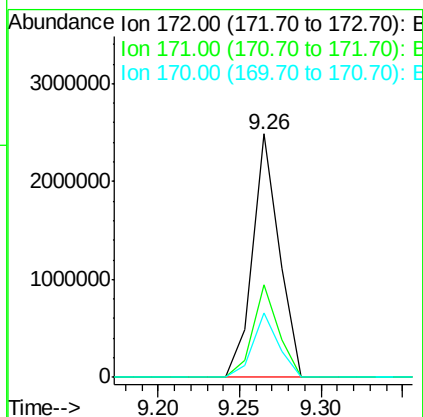
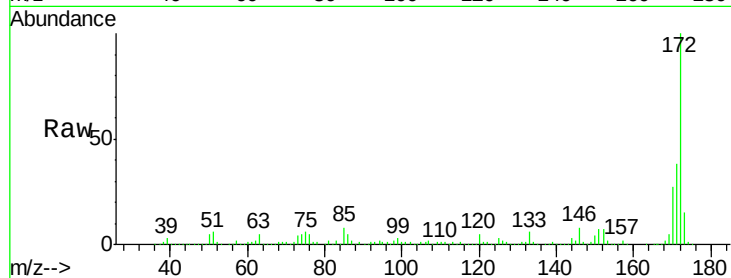




#44
 2-Fluorobiphenyl
 Concen: 97.33 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

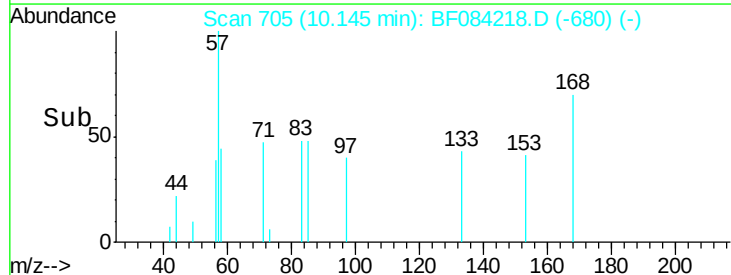
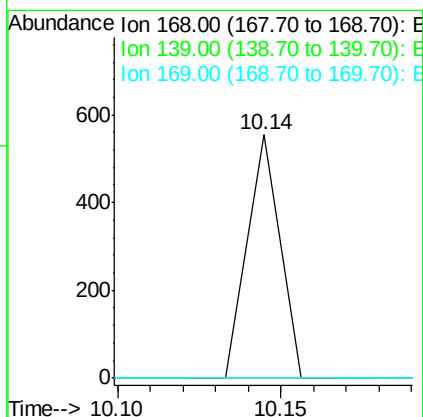
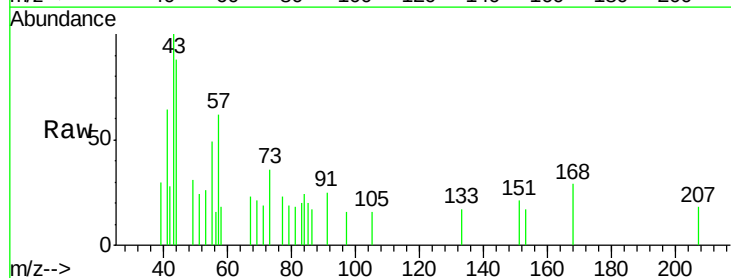
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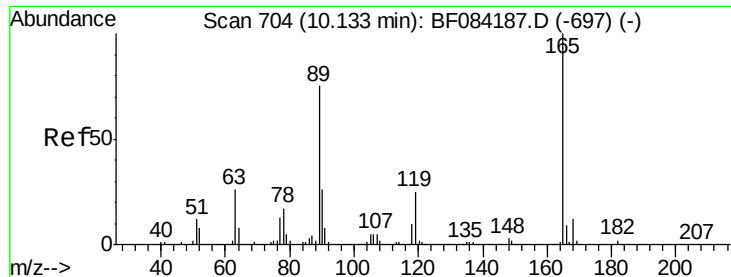
Tgt Ion:172 Resp: 2820964
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.6 18.6 27.8



#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

Tgt Ion:168 Resp: 381
 Ion Ratio Lower Upper
 168 100
 139 0.0 30.5 45.7#
 169 0.0 10.4 15.6#

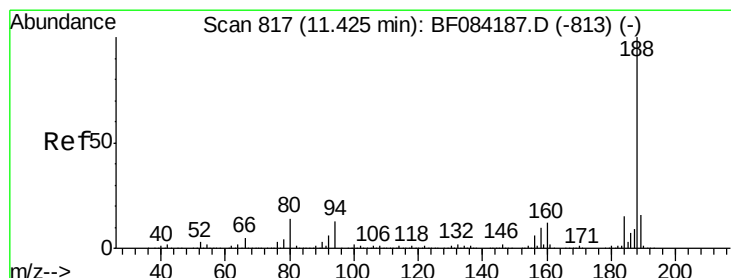
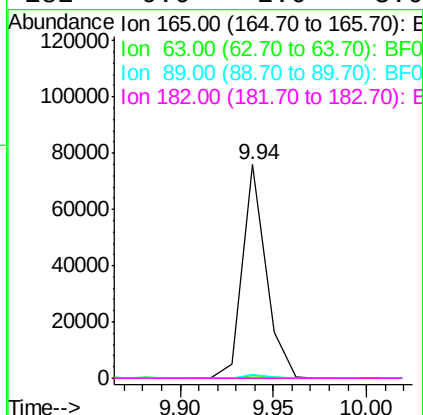
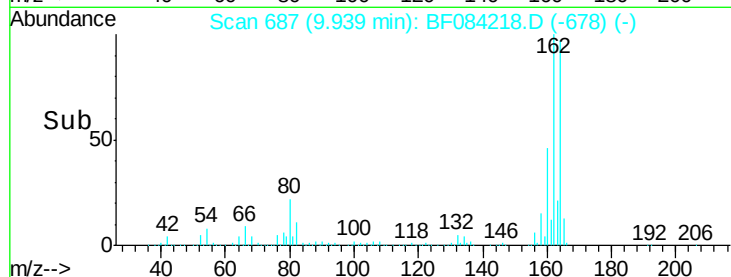
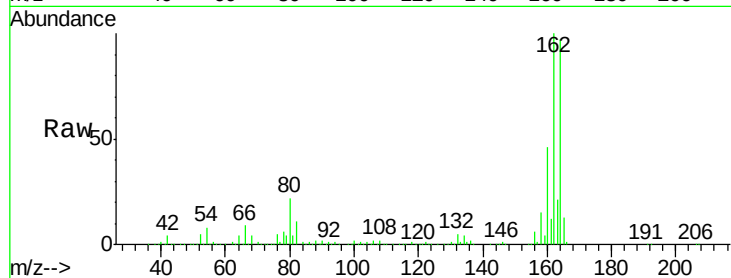




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.19 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

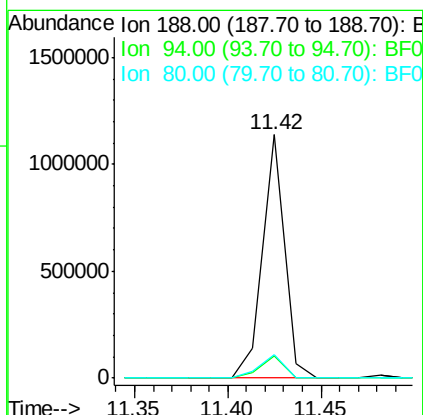
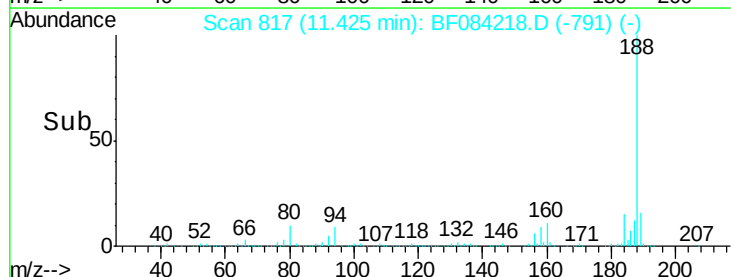
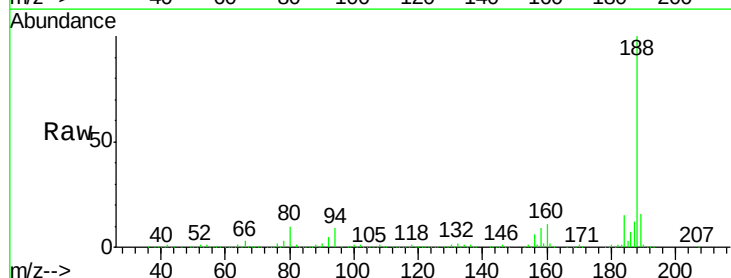
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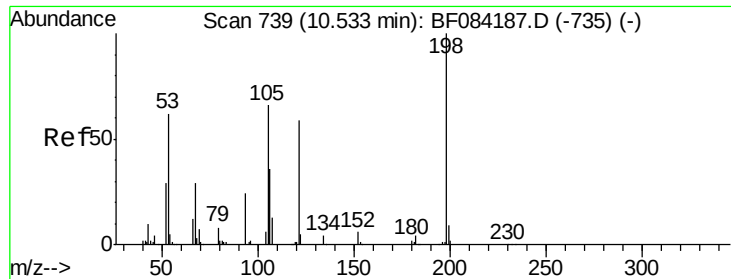
Tgt Ion:165 Resp: 67108
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.7 55.1#
 89 1.6 61.9 92.9#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF084218.D
 Acq: 1 Jan 2016 2:02

Tgt Ion:188 Resp: 926765
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.0 13.4
 80 9.6 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.68 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.19 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

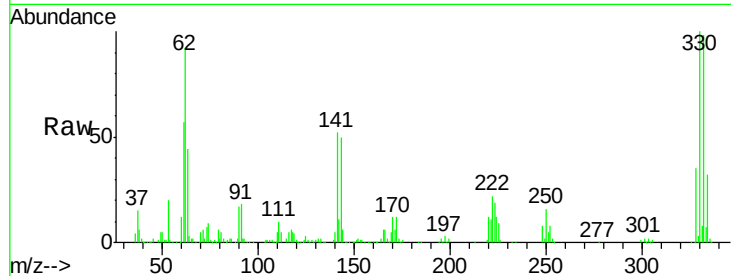
Tgt Ion:198 Resp: 1987

Ion Ratio Lower Upper

198 100

51 200.3 18.9 58.9#

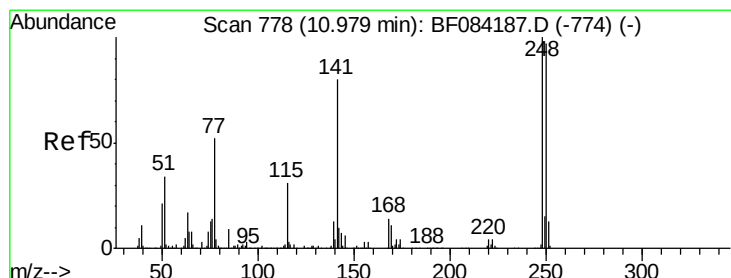
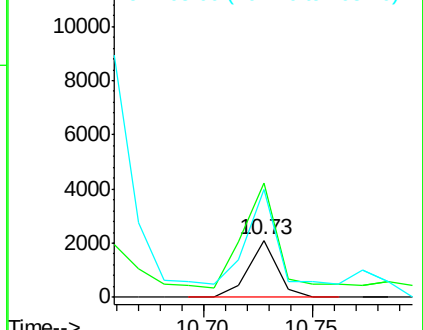
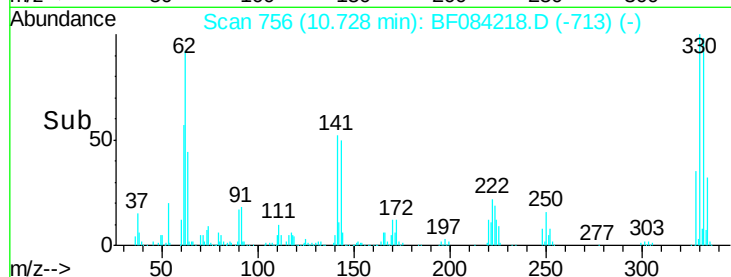
105 188.8 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.09 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

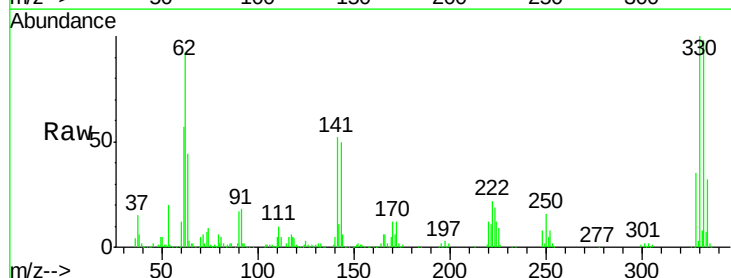
Tgt Ion:248 Resp: 40803

Ion Ratio Lower Upper

248 100

250 198.4 78.4 117.6#

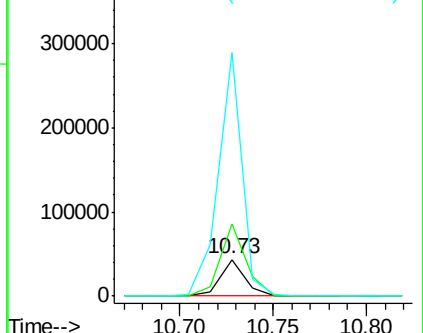
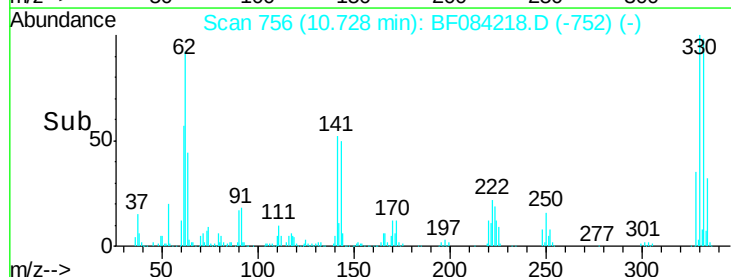
141 665.6 44.0 66.0#

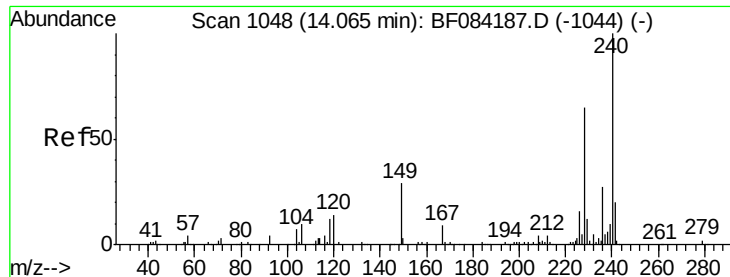


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

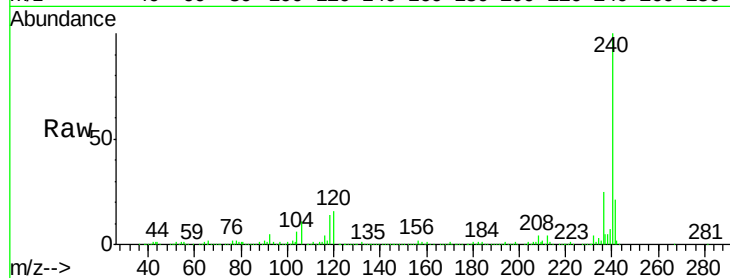
Tgt Ion:240 Resp: 545805

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

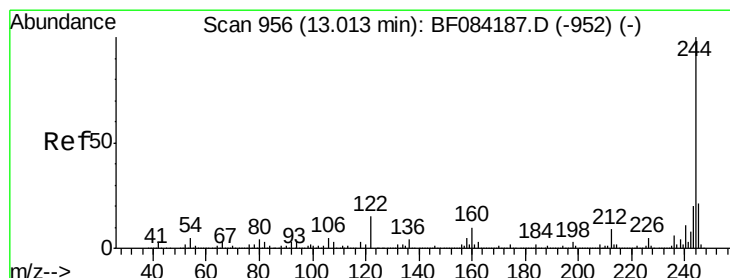
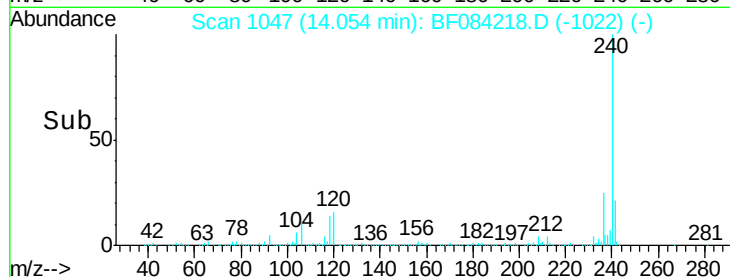
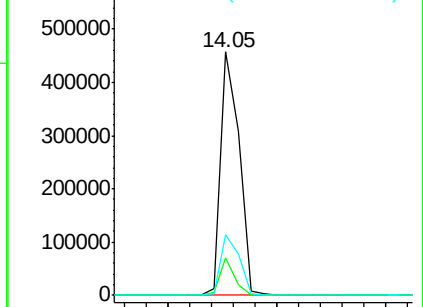
236 25.1 20.6 31.0



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: 89.79 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084218.D

Acq: 1 Jan 2016 2:02

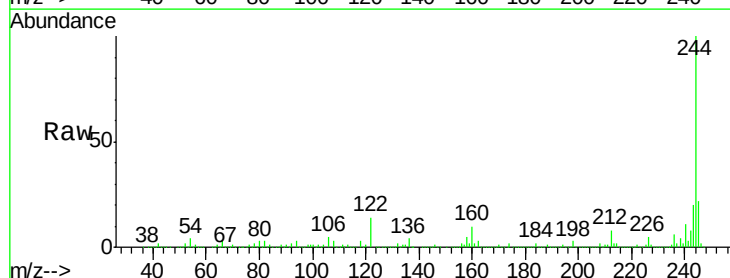
Tgt Ion:244 Resp: 2195441

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

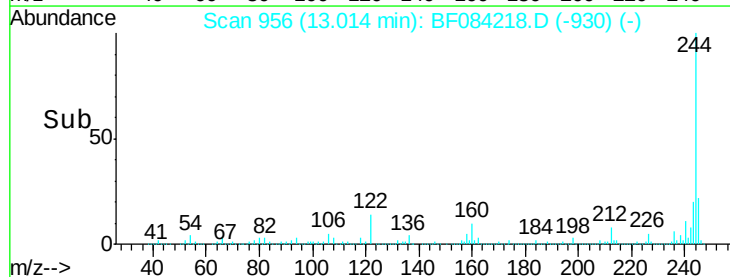
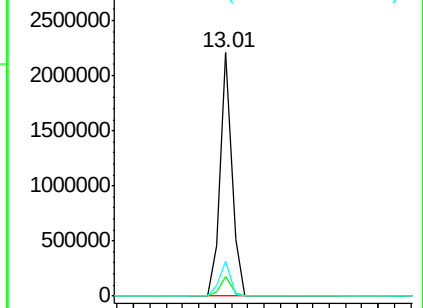
122 14.5 7.4 11.0#

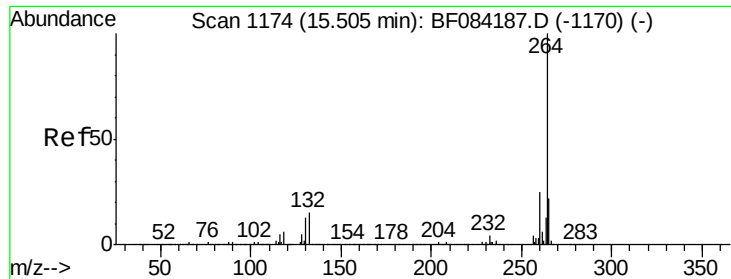


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084218.D
Acq: 1 Jan 2016 2:02

Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

Tgt Ion: 264 Resp: 517894
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.3 17.8 26.6

