

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084638.D
 Acq On : 29 Jan 2016 16:13
 Operator : SJ/IZ
 Sample : H1257-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(10-13)

Quant Time: Jan 29 23:06:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

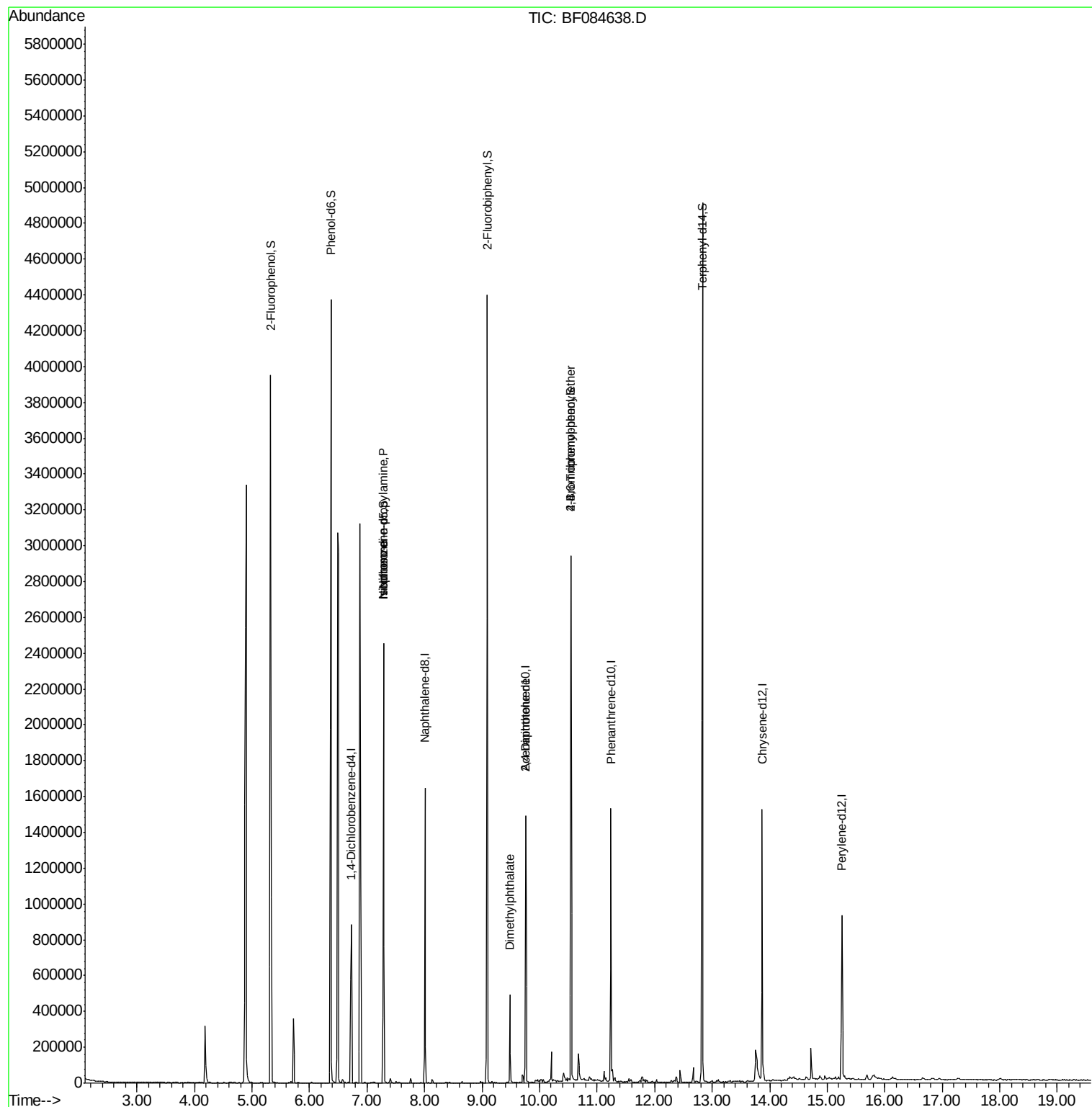
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165053	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	673981	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	302141	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	598864	20.00	ng	0.00
75) Chrysene-d12	13.87	240	522304	20.00	ng	0.00
86) Perylene-d12	15.25	264	386468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1082357	98.99	ng	0.01
7) Phenol-d6	6.37	99	1511721	115.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	826231	68.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	380112	120.03	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1626077	79.99	ng	0.00
78) Terphenyl-d14	12.83	244	1585825	68.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	111385	13.91	ng	# 71
25) Isophorone	7.29	82	742997	32.88	ng	# 66
49) Dimethylphthalate	9.48	163	203005	8.95	ng	# 90
56) 2,4-Dinitrotoluene	9.76	165	38447	5.93	ng	# 22
66) 4-Bromophenyl-phenylether	10.54	248	22090	3.28	ng	# 1

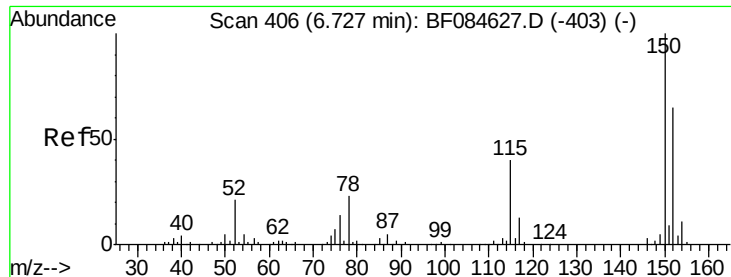
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:54:53 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF084638.D

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BNA_F

ClientSampleId :

SUP-B015(10-13)

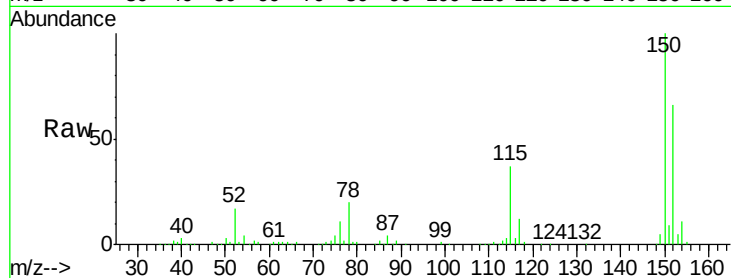
Tgt Ion:152 Resp: 165053

Ion Ratio Lower Upper

152 100

150 152.3 123.0 184.4

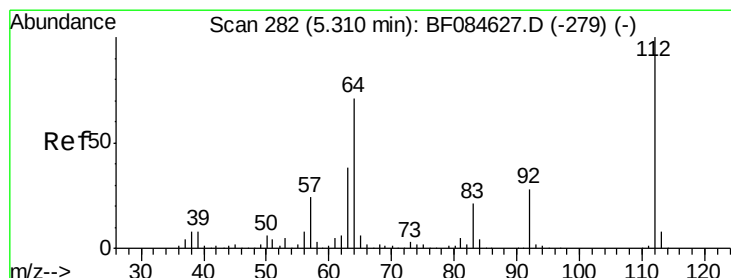
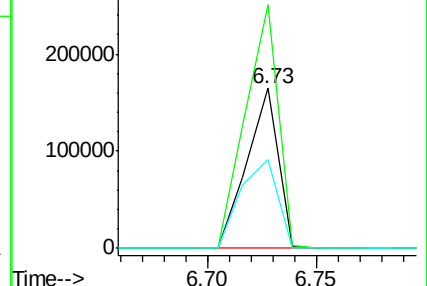
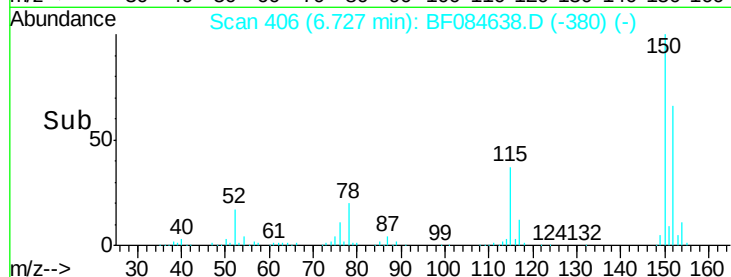
115 55.6 51.4 77.2



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: 98.99 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

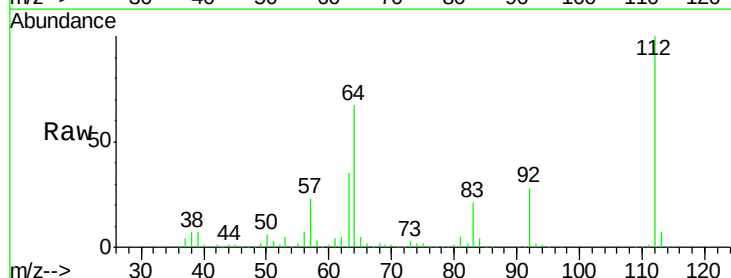
Tgt Ion:112 Resp: 1082357

Ion Ratio Lower Upper

112 100

64 66.9 36.6 55.0#

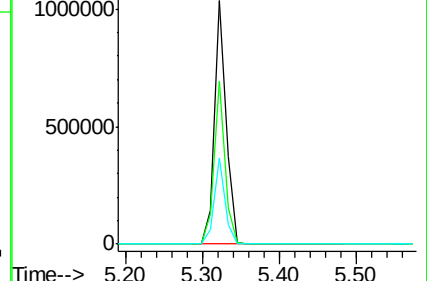
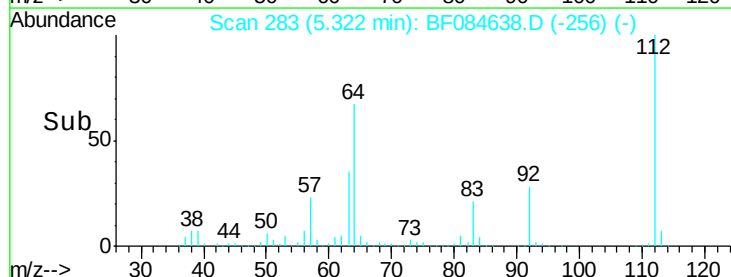
63 35.4 19.4 29.0#

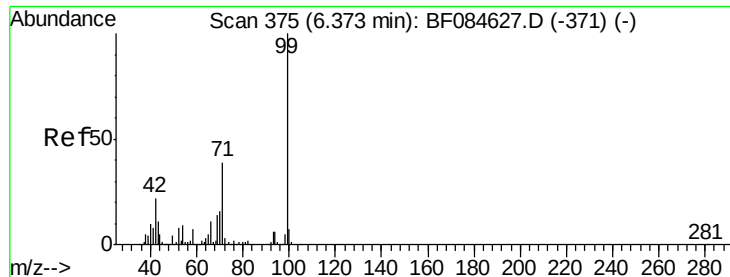


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.35 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Instrument :

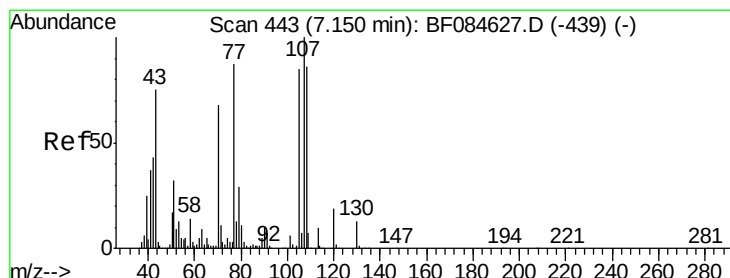
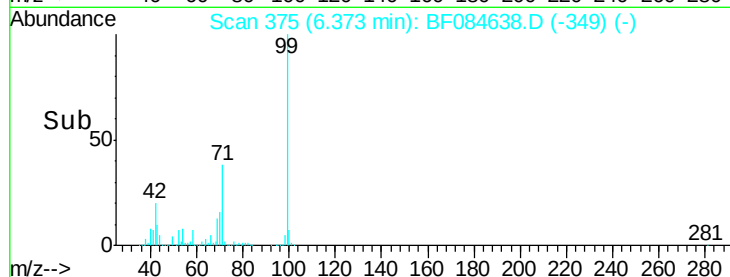
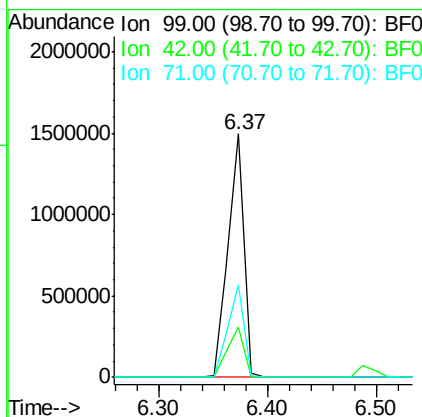
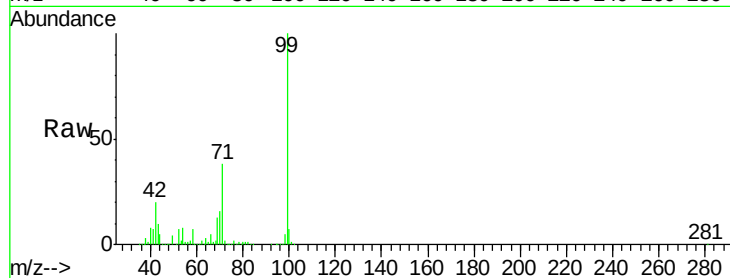
BNA_F

ClientSampleId :

SUP-B015(10-13)

Tgt Ion: 99 Resp: 1511721

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	37.9	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.91 ng

RT: 7.29 min Scan# 455

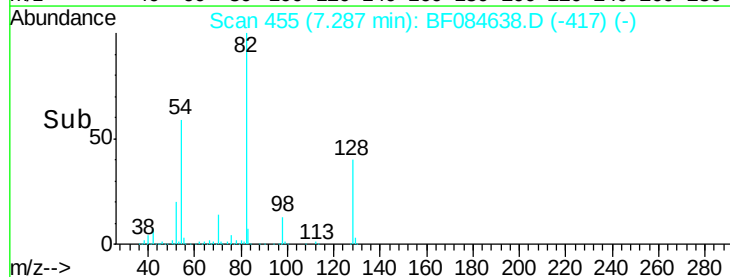
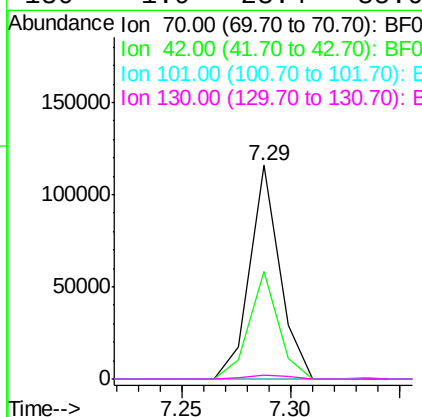
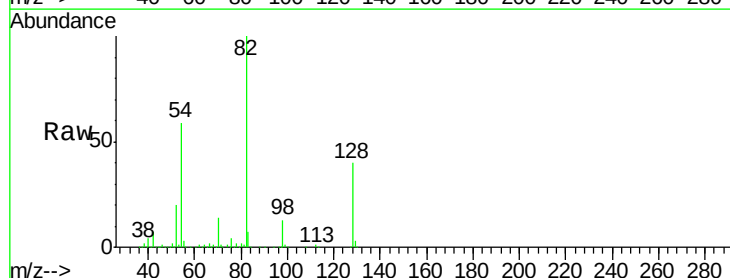
Delta R.T. 0.14 min

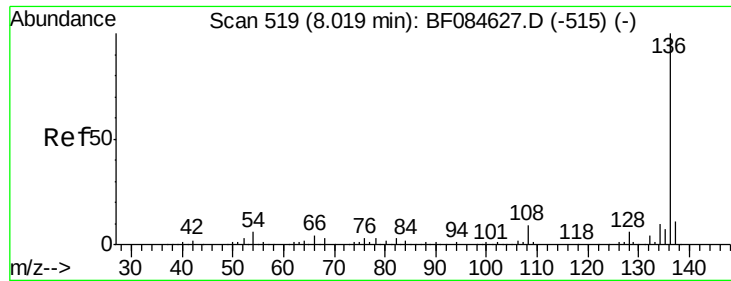
Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Tgt Ion: 70 Resp: 111385

Ion	Ratio	Lower	Upper
70	100		
42	50.4	33.3	49.9#
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#

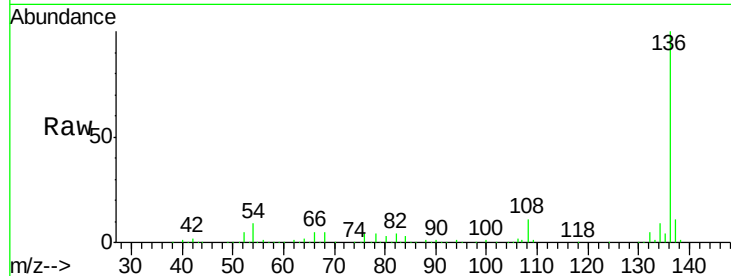




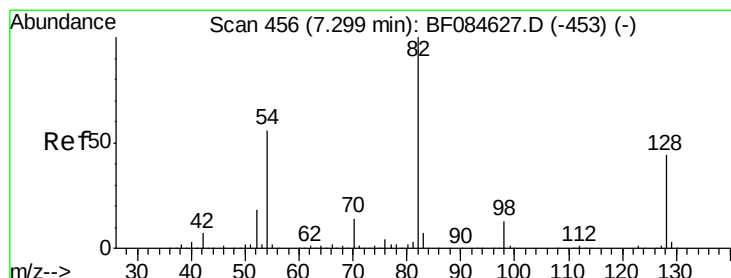
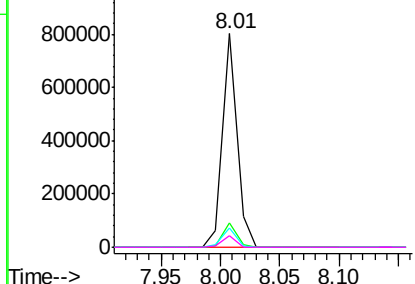
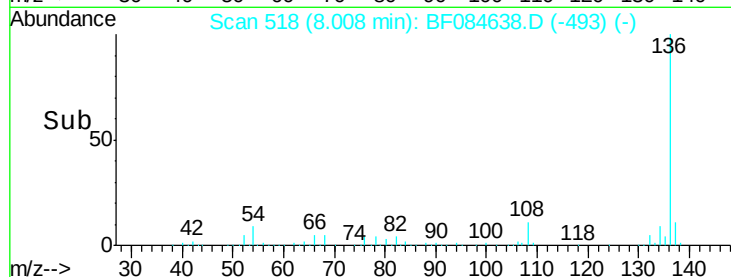
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084638.D
Acq: 29 Jan 2016 16:13

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BNA_F
ClientSampleId :
SUP-B015(10-13)

Tgt Ion:	136	Resp:	673981
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.2	5.8	8.8#
68	5.3	4.2	6.2

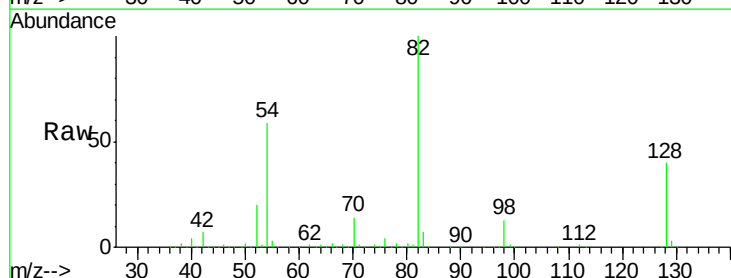


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

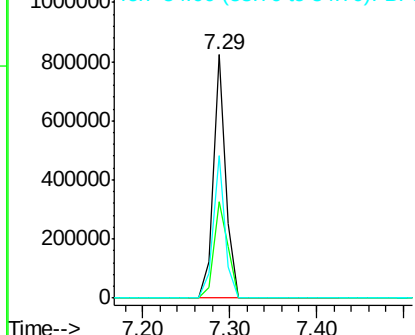
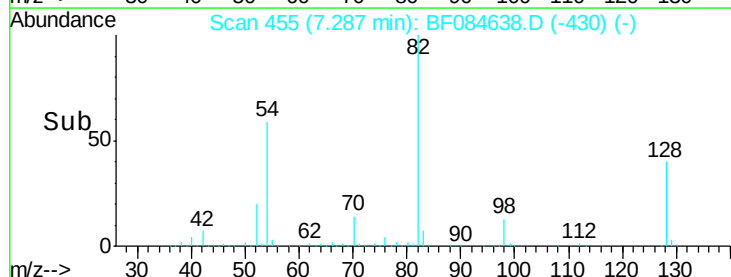


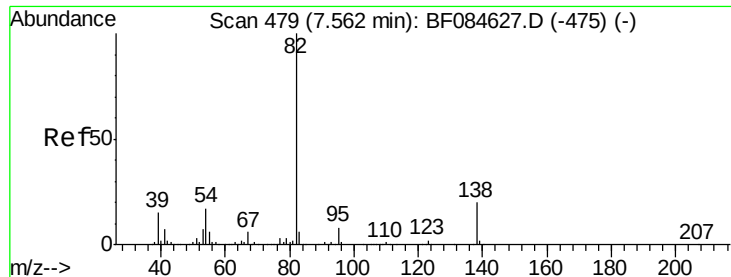
#23
Nitrobenzene-d5
Concen: 68.51 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084638.D
Acq: 29 Jan 2016 16:13

Tgt Ion:	82	Resp:	826231
Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.6	51.8
54	58.5	38.4	57.6#



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: 32.88 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_F

ClientSampleId :

SUP-B015(10-13)

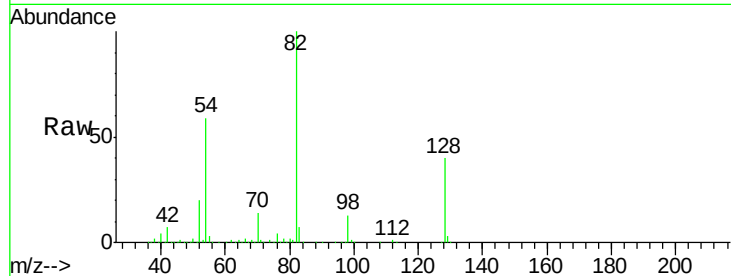
Tgt Ion: 82 Resp: 742997

Ion Ratio Lower Upper

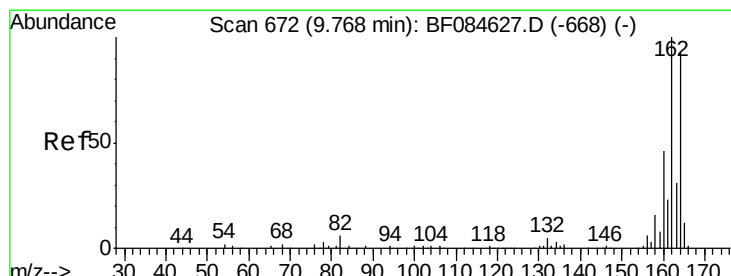
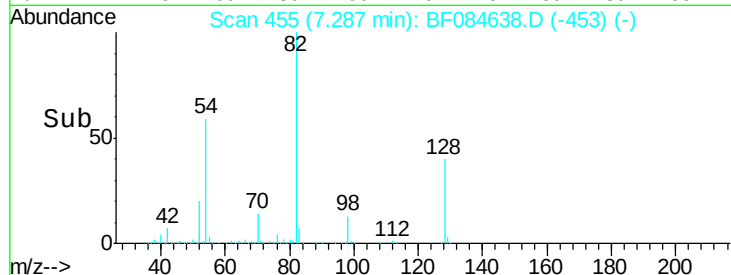
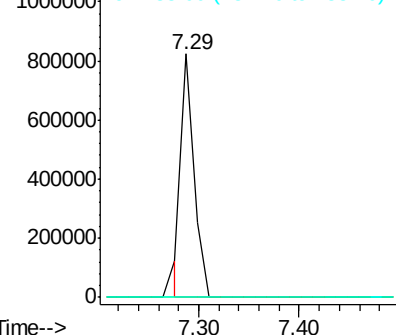
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



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: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

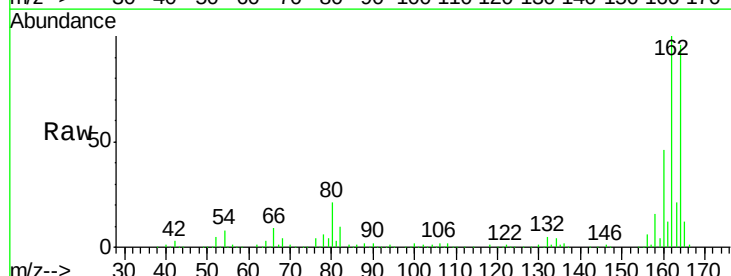
Tgt Ion: 164 Resp: 302141

Ion Ratio Lower Upper

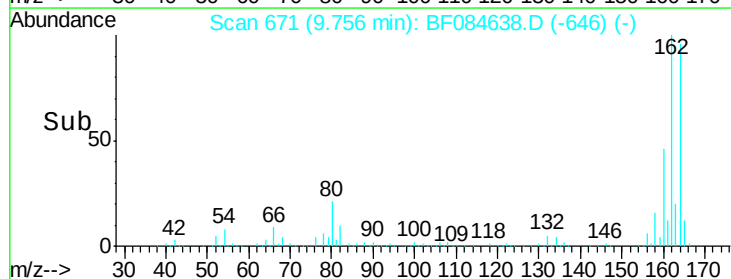
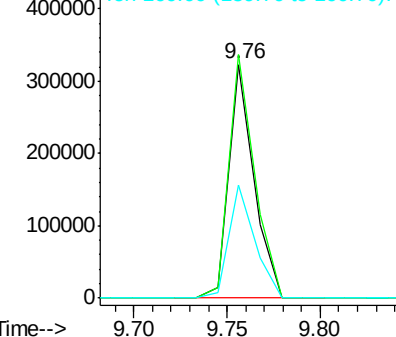
164 100

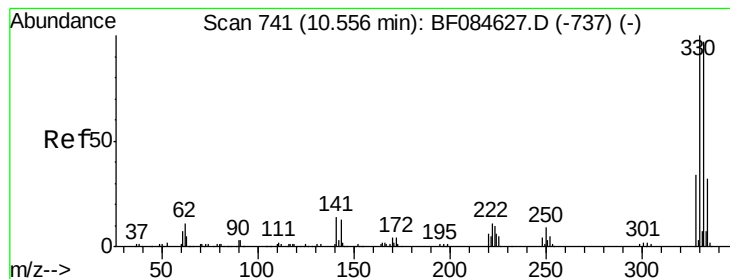
162 104.3 85.1 127.7

160 48.2 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

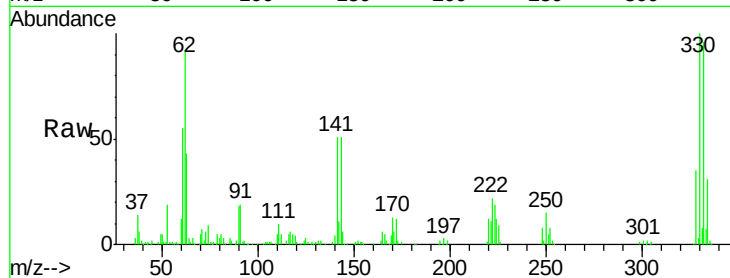




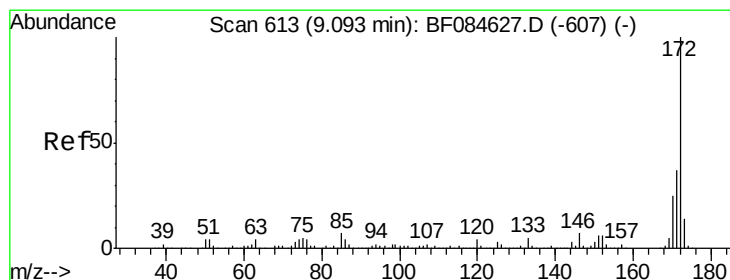
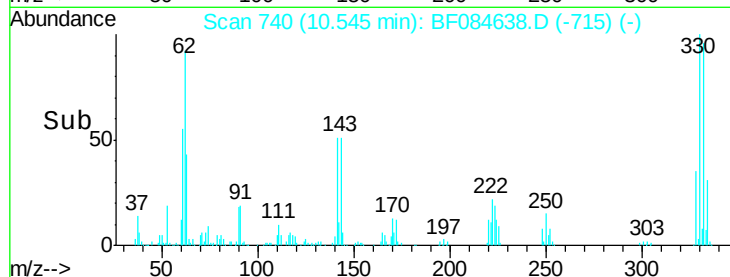
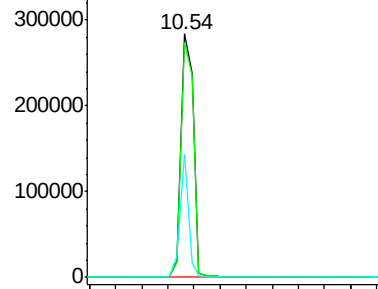
#41
 2,4,6-Tribromophenol
 Concen: 120.03 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084638.D
 Acq: 29 Jan 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(10-13)

Tgt Ion:330 Resp: 380112
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 34.3 27.8 41.6

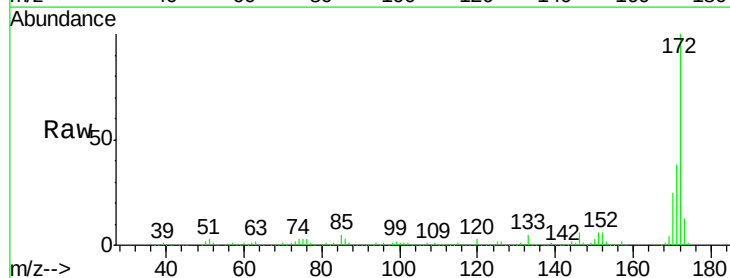


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

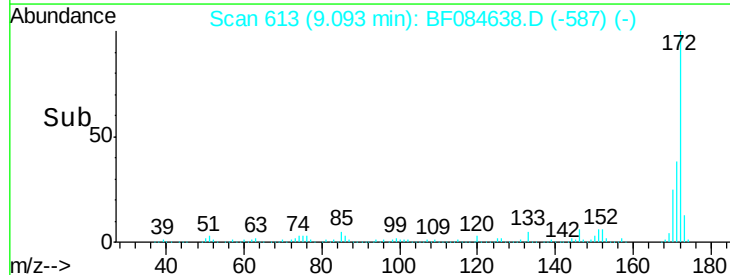
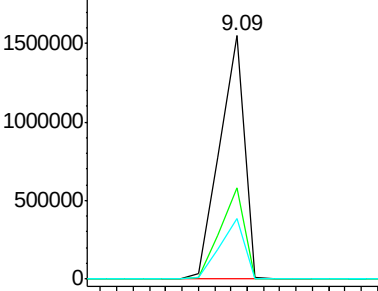


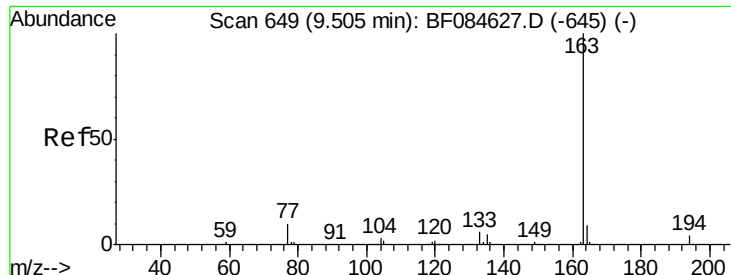
#44
 2-Fluorobiphenyl
 Concen: 79.99 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF084638.D
 Acq: 29 Jan 2016 16:13

Tgt Ion:172 Resp: 1626077
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 25.0 18.6 27.8



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

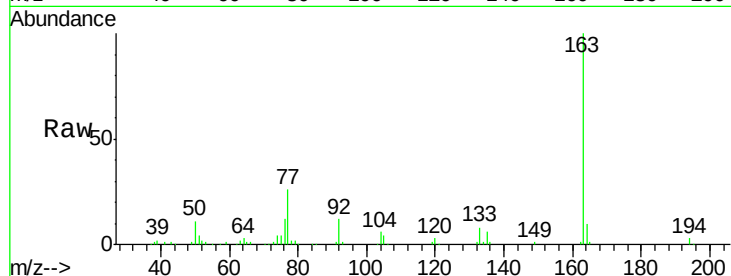




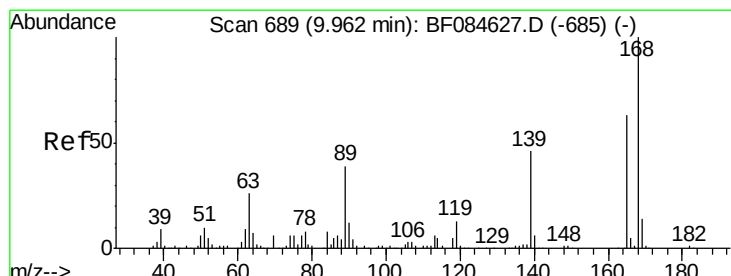
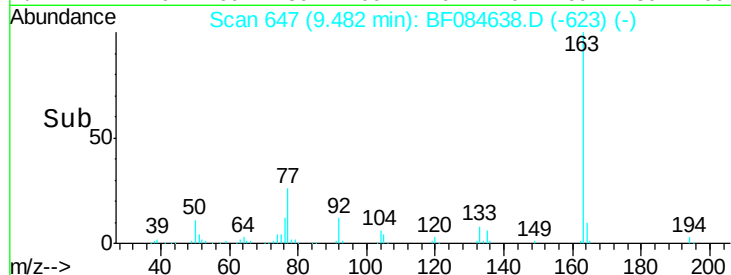
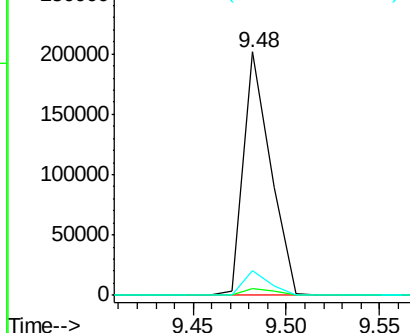
#49
Dimethylphthalate
Concen: 8.95 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084638.D
Acq: 29 Jan 2016 16:13

Instrument :
BNA_F
ClientSampleId :
SUP-B015(10-13)

Tgt Ion:163 Resp: 203005
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.3 8.0 12.0

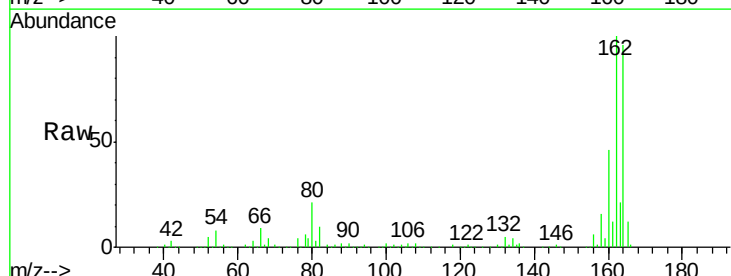


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

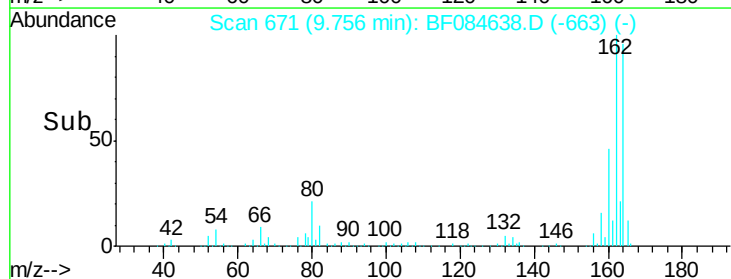
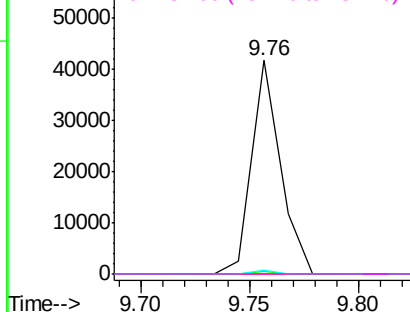


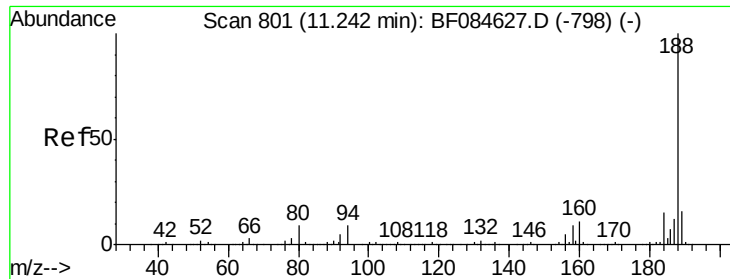
#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.21 min
Lab File: BF084638.D
Acq: 29 Jan 2016 16:13

Tgt Ion:165 Resp: 38447
Ion Ratio Lower Upper
165 100
63 1.1 36.7 55.1#
89 1.9 61.9 92.9#
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

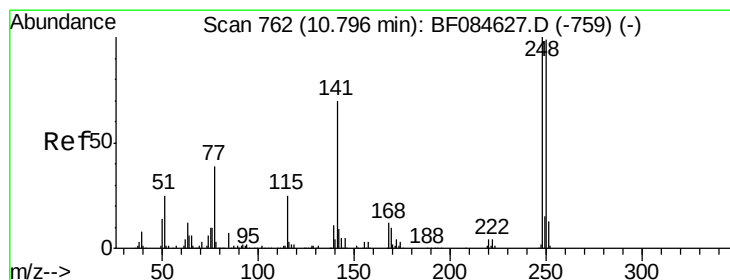
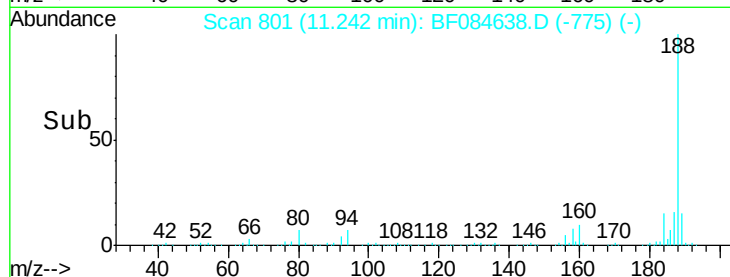
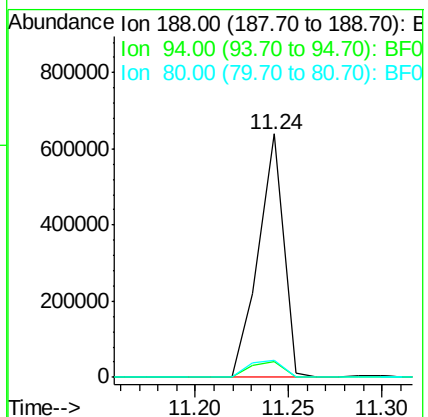
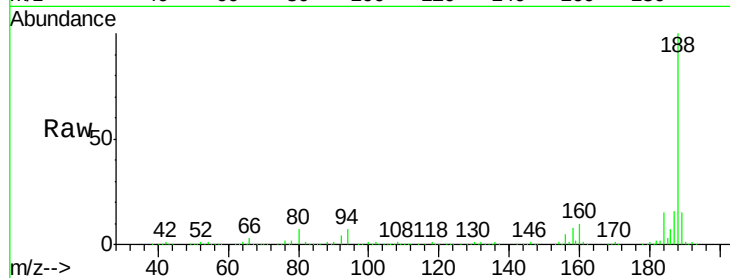




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF084638.D
 Acq: 29 Jan 2016 16:13

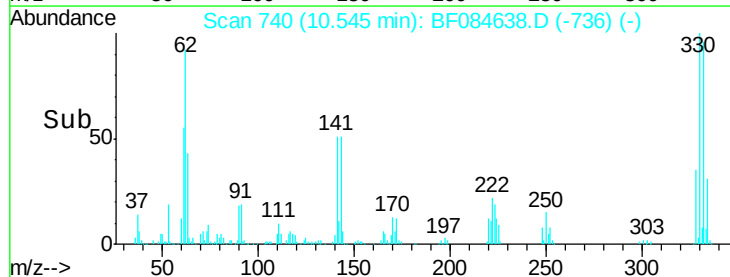
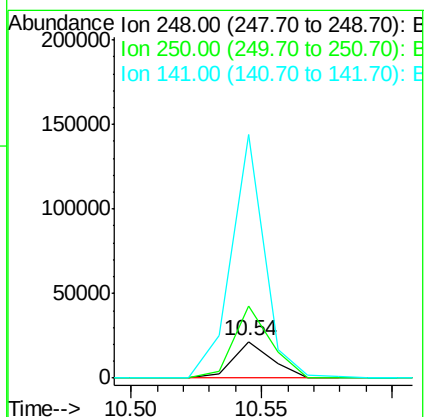
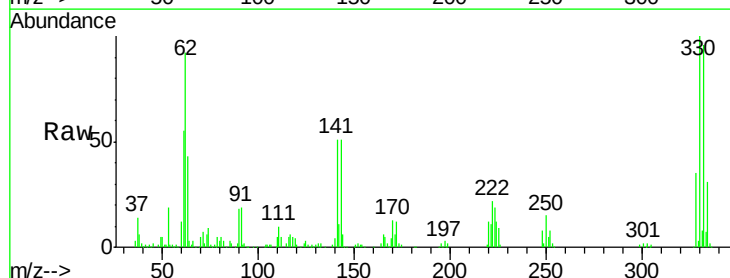
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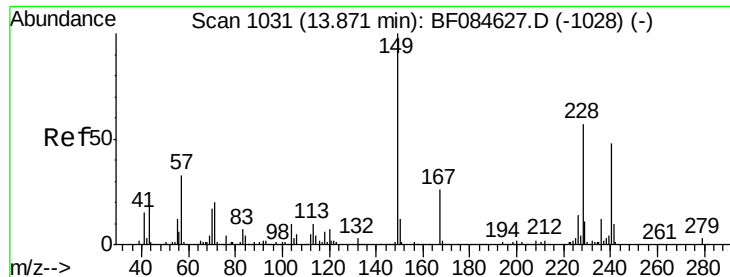
Tgt Ion:188 Resp: 598864
 Ion Ratio Lower Upper
 188 100
 94 6.5 9.0 13.4#
 80 7.0 9.6 14.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.28 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF084638.D
 Acq: 29 Jan 2016 16:13

Tgt Ion:248 Resp: 22090
 Ion Ratio Lower Upper
 248 100
 250 197.3 78.4 117.6#
 141 668.7 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_F

ClientSampleId :

SUP-B015(10-13)

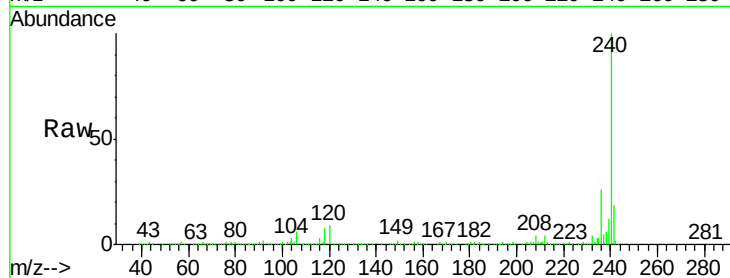
Tgt Ion:240 Resp: 522304

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

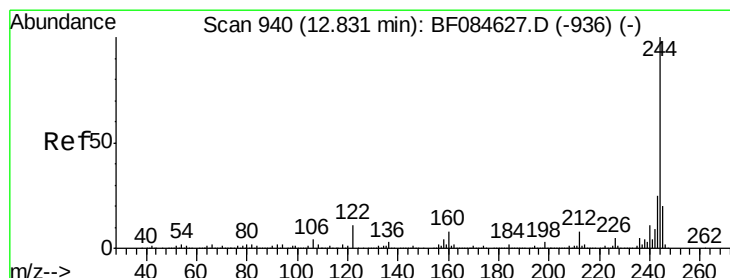
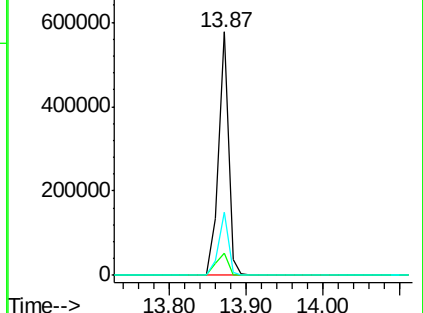
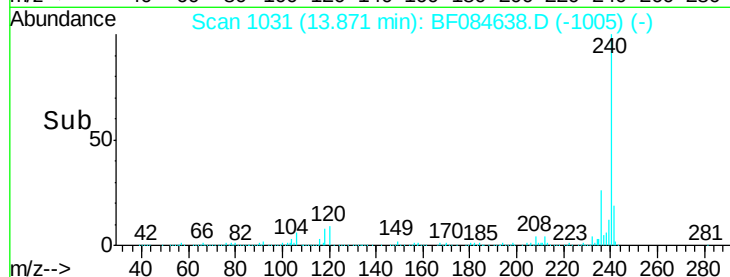
236 26.0 20.6 31.0



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: 68.57 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

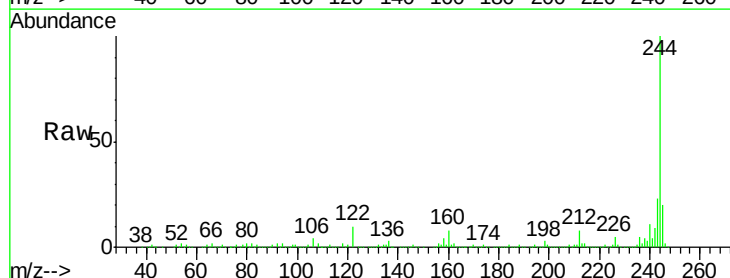
Tgt Ion:244 Resp: 1585825

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

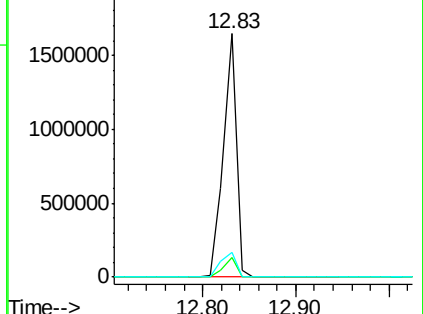
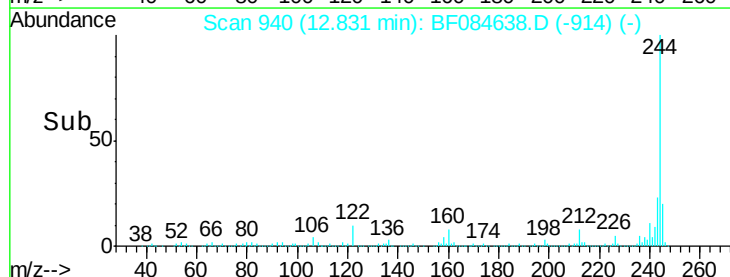
122 10.4 7.4 11.0

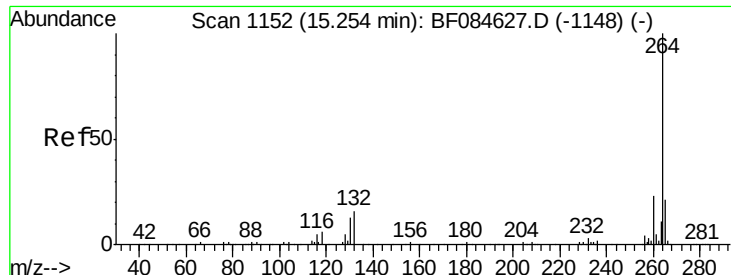


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

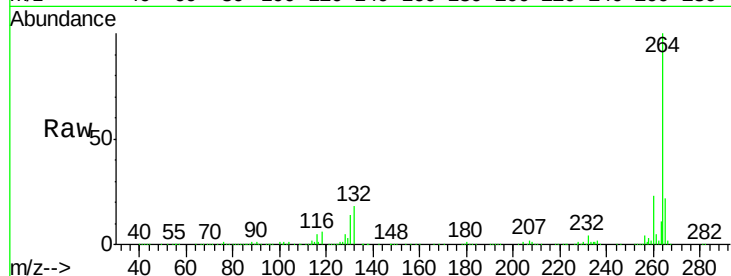




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF084638.D
Acq: 29 Jan 2016 16:13

Instrument :
BNA_F
ClientSampleId :
SUP-B015(10-13)

Tgt Ion: 264 Resp: 386468
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.9 17.8 26.6



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

