

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087271.D
 Acq On : 21 May 2016 14:27
 Operator : UM/SJ
 Sample : H3169-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: May 23 01:00:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

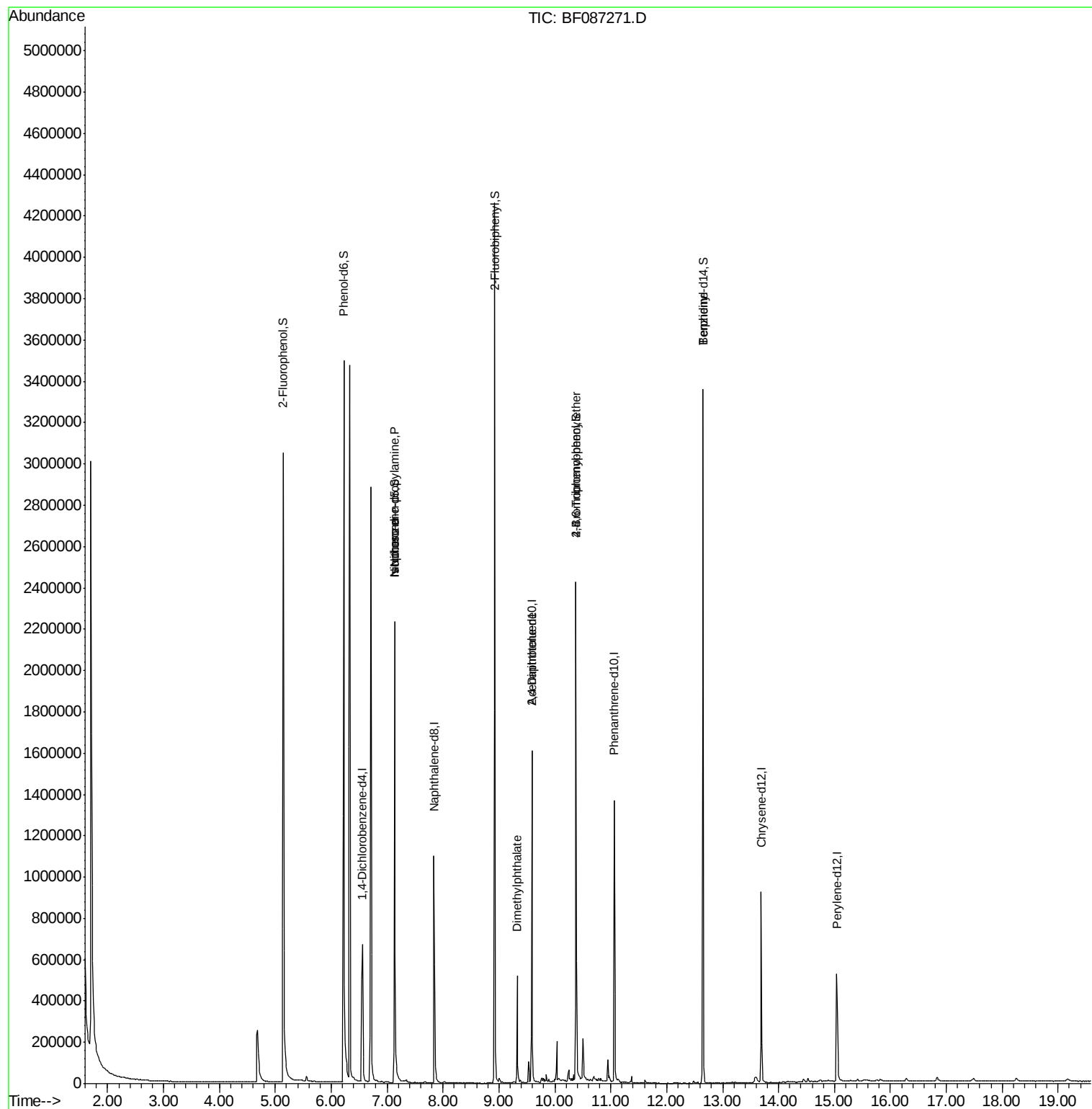
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	130446	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	581564	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	287751	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	508100	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	336661	20.00	ng	-0.07
86) Perylene-d12	15.04	264	257356	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	863938	111.32	ng	-0.06
7) Phenol-d6	6.23	99	1208246	116.08	ng	-0.06
23) Nitrobenzene-d5	7.13	82	728022	62.39	ng	-0.06
41) 2,4,6-Tribromophenol	10.38	330	250618	78.82	ng	-0.07
44) 2-Fluorobiphenyl	8.92	172	1376808	79.24	ng	-0.06
78) Terphenyl-d14	12.65	244	1190556	80.00	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	101033	12.77	ng	# 70
25) Isophorone	7.13	82	692896	32.44	ng	# 68
49) Dimethylphthalate	9.32	163	187678	8.55	ng	100
56) 2,4-Dinitrotoluene	9.59	165	36420	5.97	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	17469	3.34	ng	# 1
76) Benzidine	12.65	184	18714	2.44	ng	# 93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

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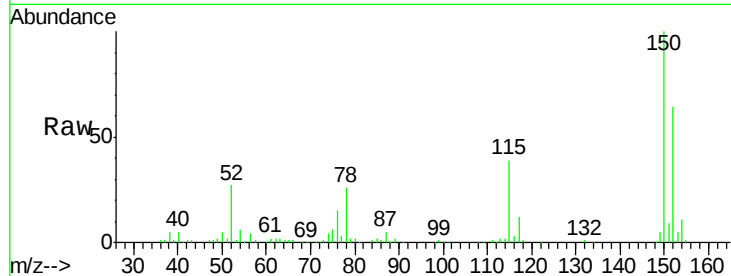
Tgt Ion:152 Resp: 130446

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

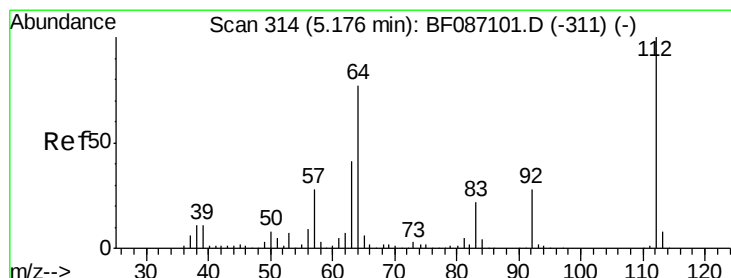
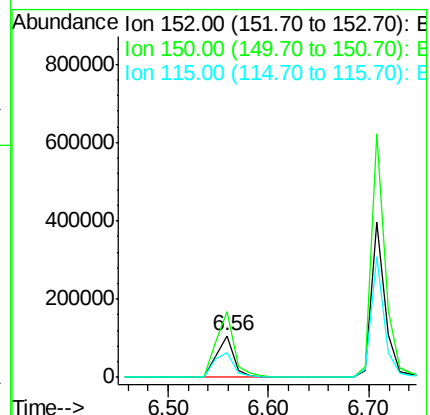
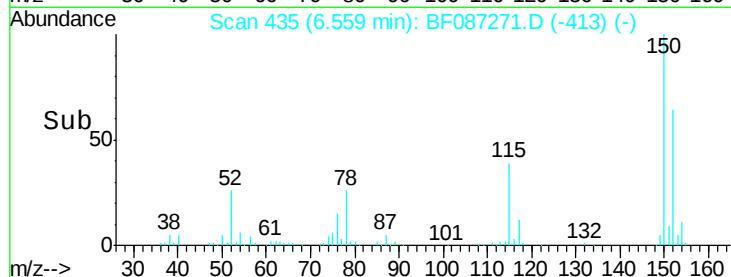
115 60.1 51.5 77.3



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: 111.32 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.06 min

Lab File: BF087271.D

Acq: 21 May 2016 14:27

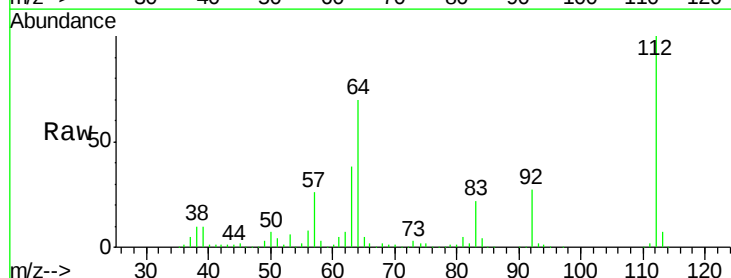
Tgt Ion:112 Resp: 863938

Ion Ratio Lower Upper

112 100

64 70.2 52.1 78.1

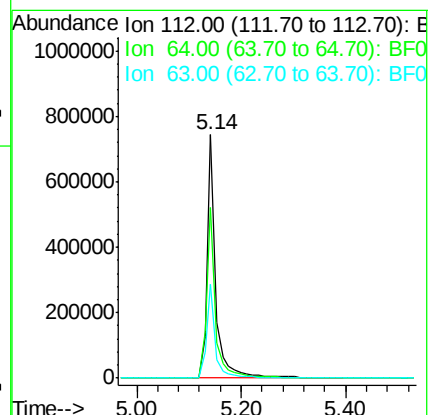
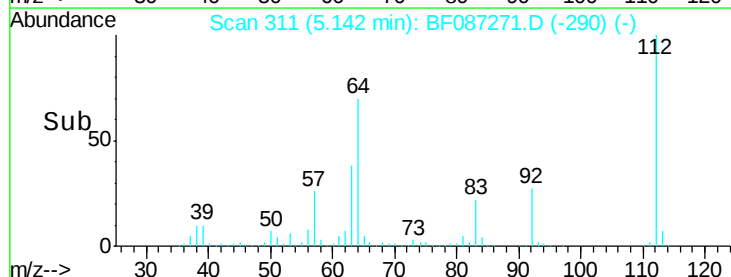
63 38.5 25.7 38.5



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: 116.08 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087271.D

Acq: 21 May 2016 14:27

Instrument :

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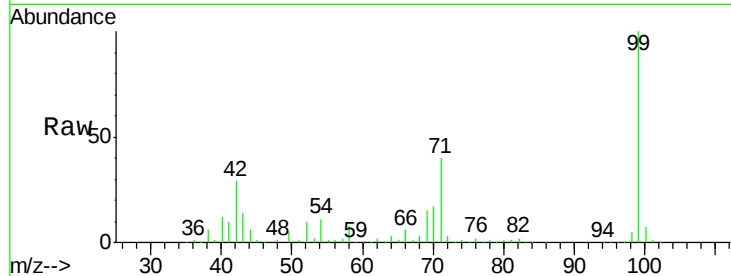
Tgt Ion: 99 Resp: 1208246

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

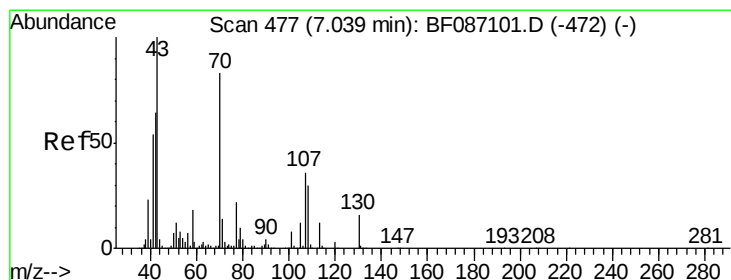
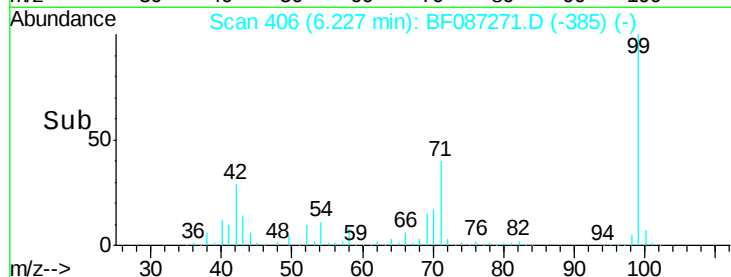
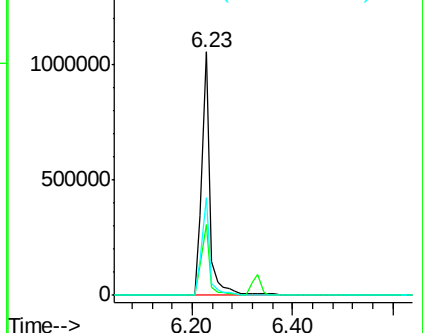
71 39.9 24.6 36.8#



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: 12.77 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.08 min

Lab File: BF087271.D

Acq: 21 May 2016 14:27

Tgt Ion: 70 Resp: 101033

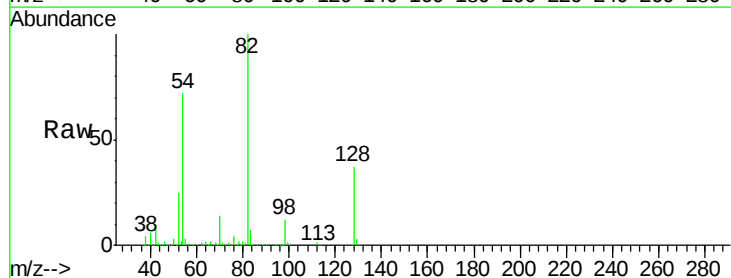
Ion Ratio Lower Upper

70 100

42 71.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

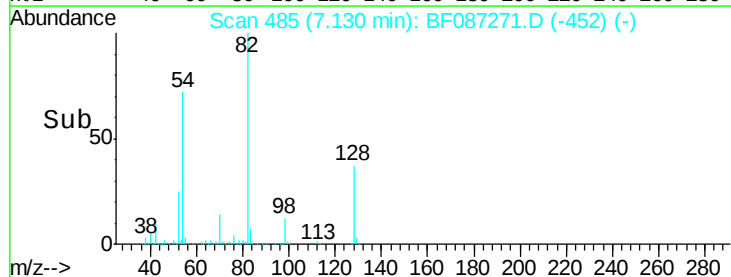
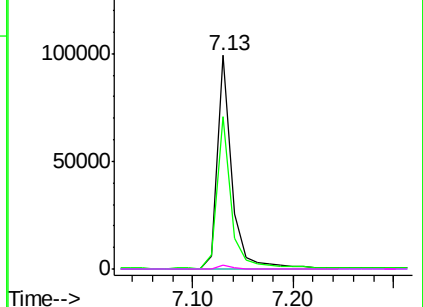


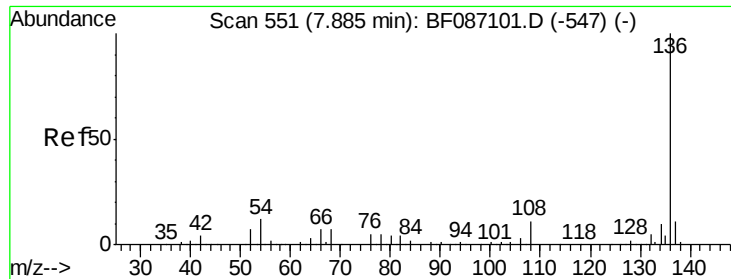
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

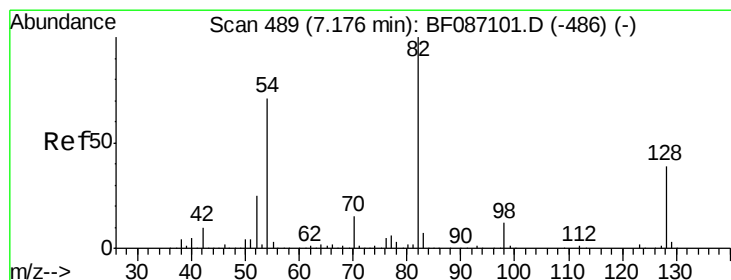
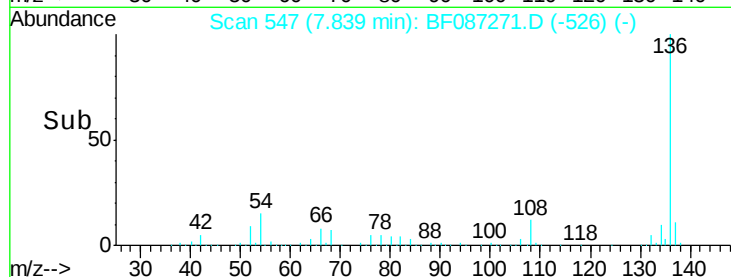
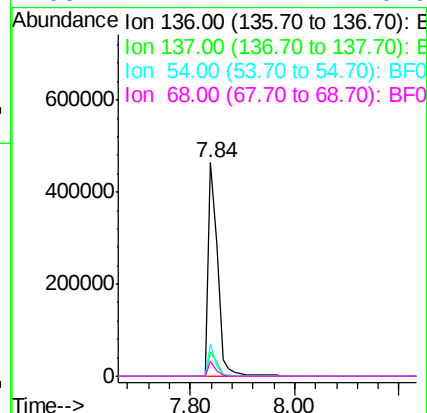
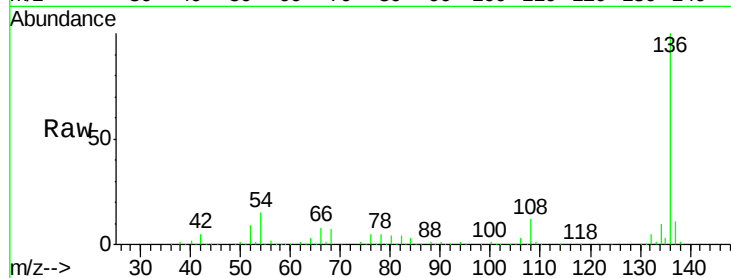




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087271.D
Acq: 21 May 2016 14:27

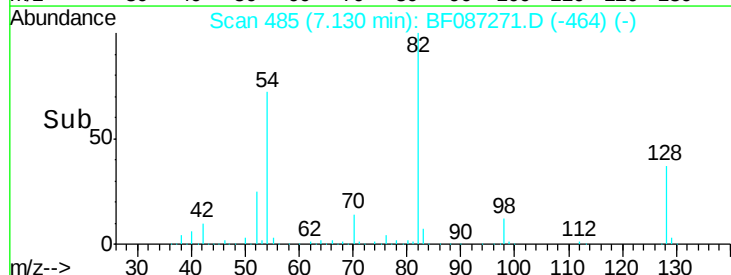
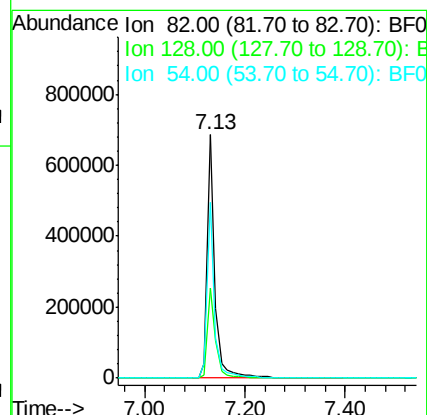
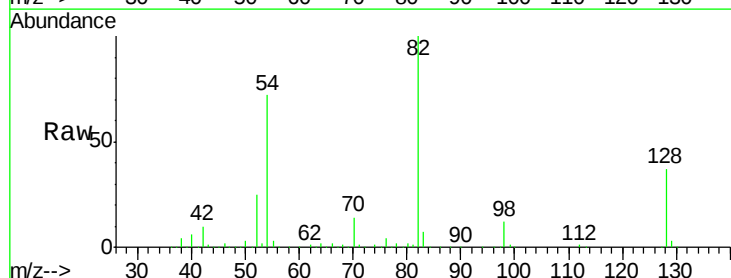
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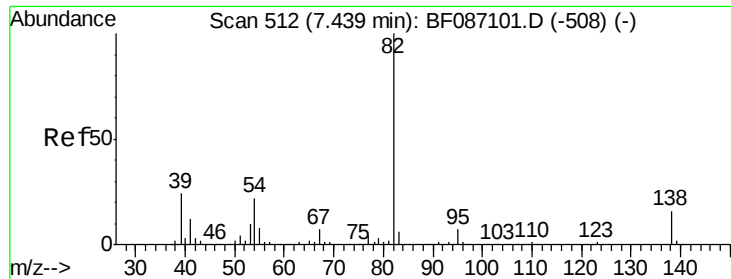
Tgt Ion:	136	Resp:	581564
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.8	5.0	7.4#
68	7.4	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 62.39 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087271.D
Acq: 21 May 2016 14:27

Tgt Ion:	82	Resp:	728022
Ion	Ratio	Lower	Upper
82	100		
128	36.8	40.6	61.0#
54	72.3	38.1	57.1#

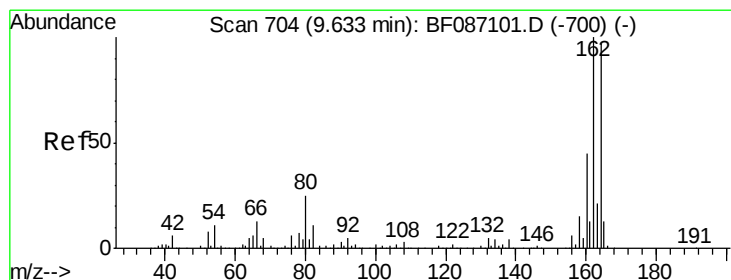
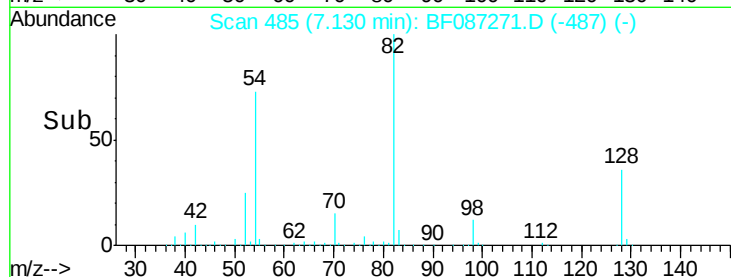
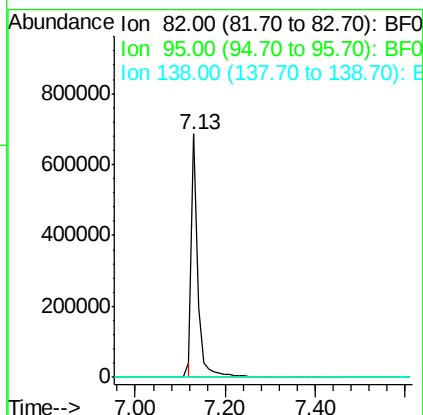
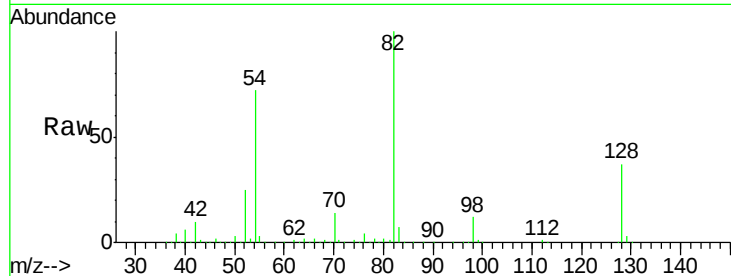




#25
Isophorone
Concen: 32.44 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.32 min
Lab File: BF087271.D
Acq: 21 May 2016 14:27

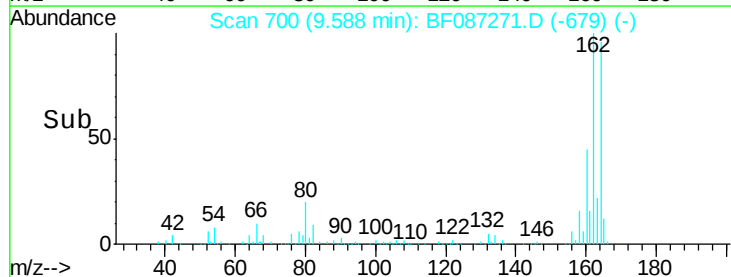
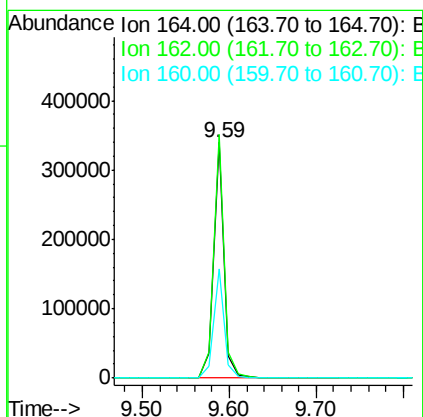
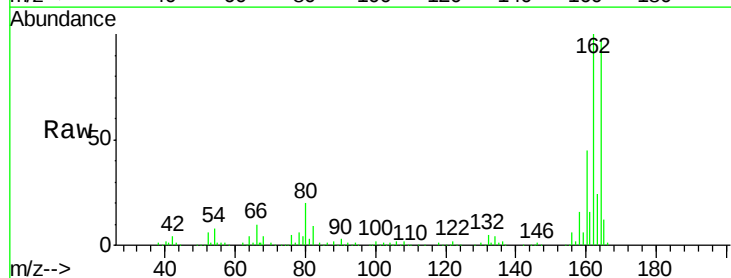
Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

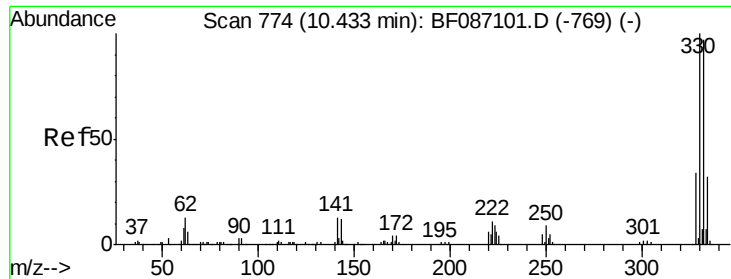
Tgt Ion: 82 Resp: 692896
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087271.D
Acq: 21 May 2016 14:27

Tgt Ion: 164 Resp: 287751
Ion Ratio Lower Upper
164 100
162 103.5 82.8 124.2
160 46.5 36.9 55.3

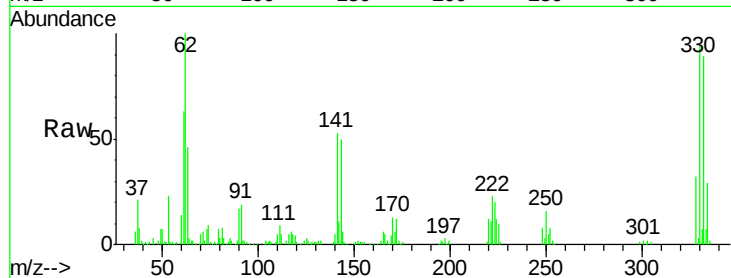




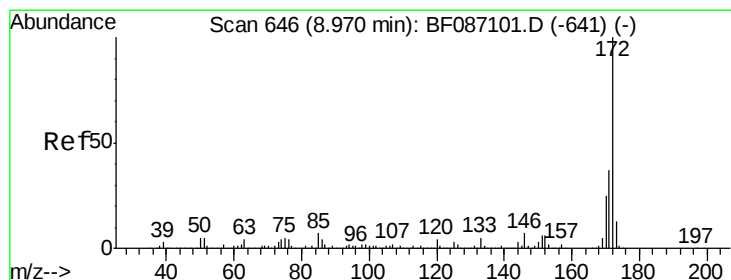
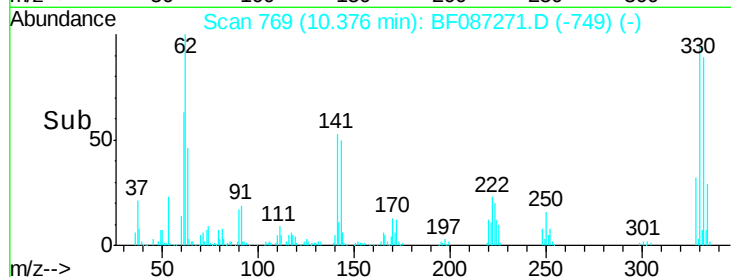
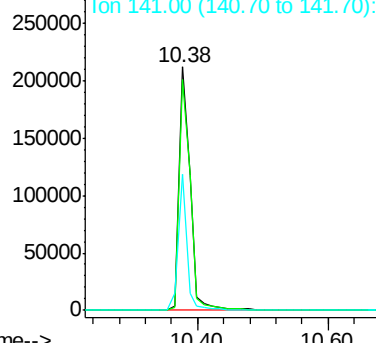
#41
 2,4,6-Tribromophenol
 Concen: 78.82 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.07 min
 Lab File: BF087271.D
 Acq: 21 May 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tgt Ion:330 Resp: 250618
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 43.9 31.2 46.8

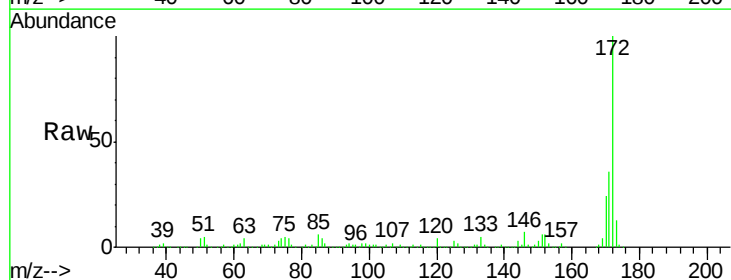


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

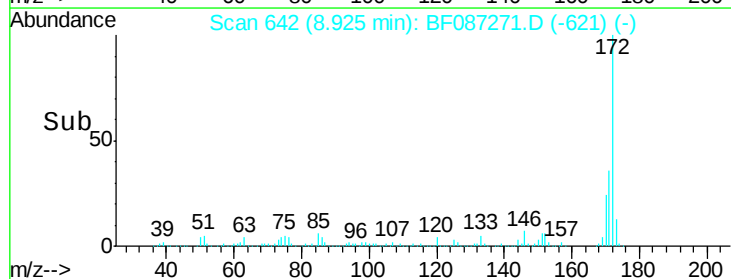
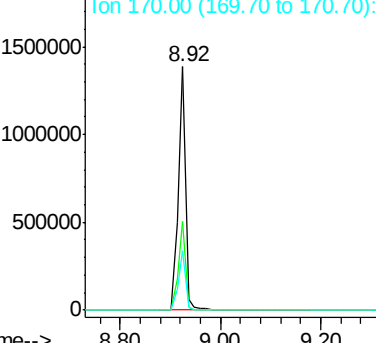


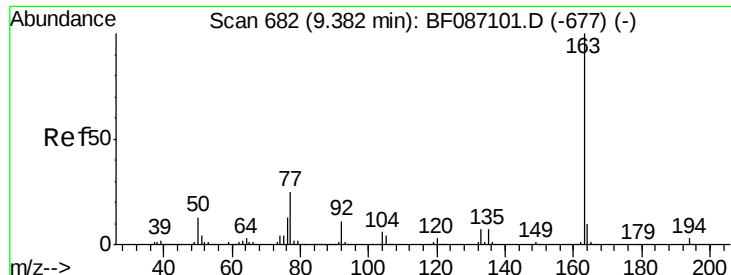
#44
 2-Fluorobiphenyl
 Concen: 79.24 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087271.D
 Acq: 21 May 2016 14:27

Tgt Ion:172 Resp: 1376808
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 19.8 29.8



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

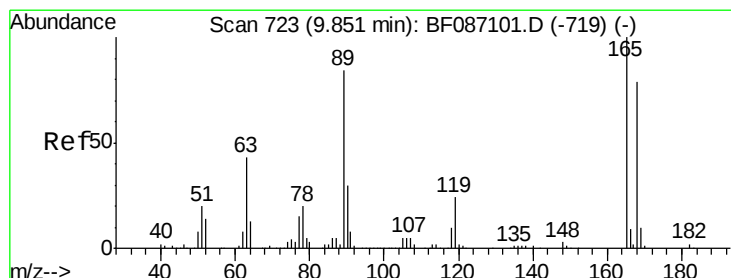
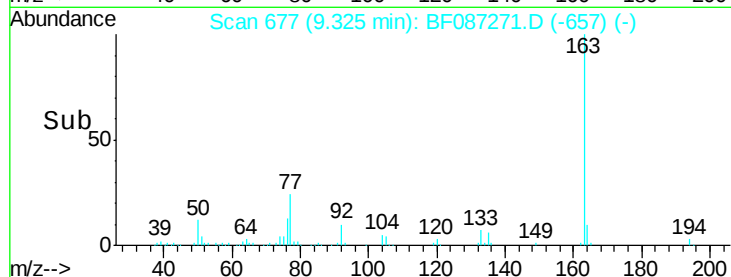
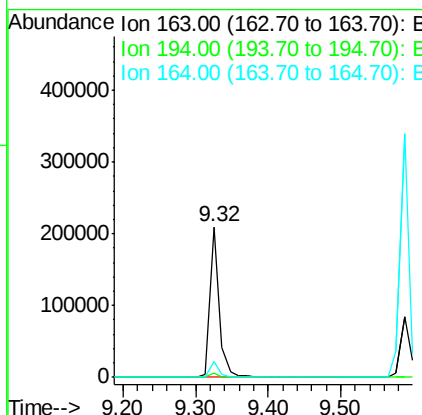
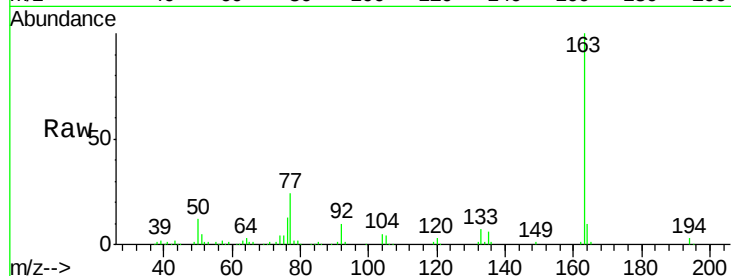




#49
Dimethylphthalate
Concen: 8.55 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF087271.D
Acq: 21 May 2016 14:27

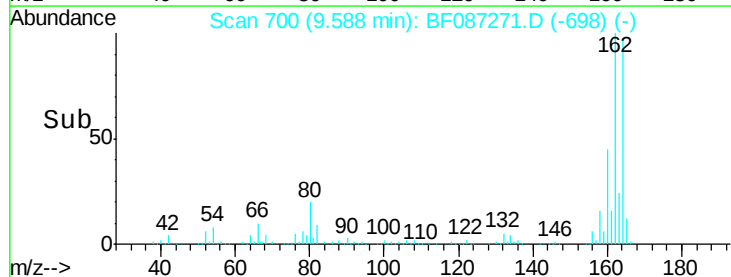
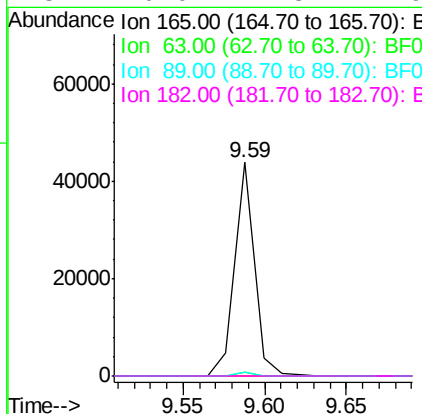
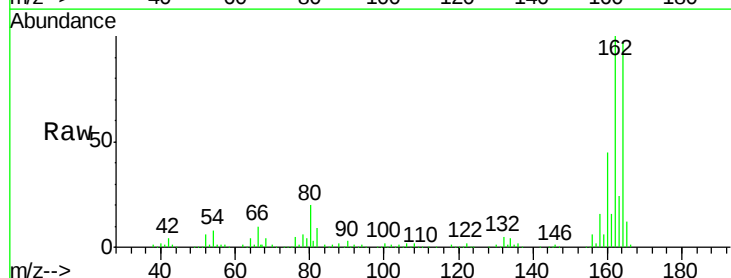
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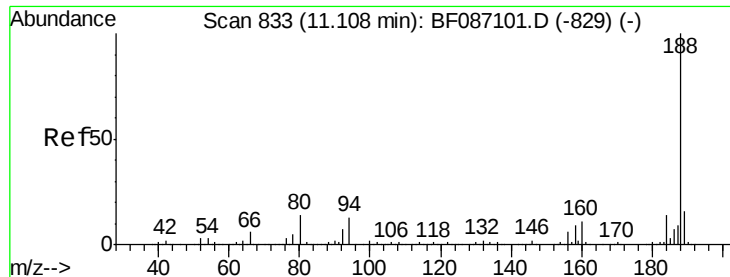
Tgt Ion:163 Resp: 187678
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.27 min
Lab File: BF087271.D
Acq: 21 May 2016 14:27

Tgt Ion:165 Resp: 36420
Ion Ratio Lower Upper
165 100
63 1.8 44.3 66.5#
89 1.9 70.0 105.0#
182 0.0 1.8 2.6#

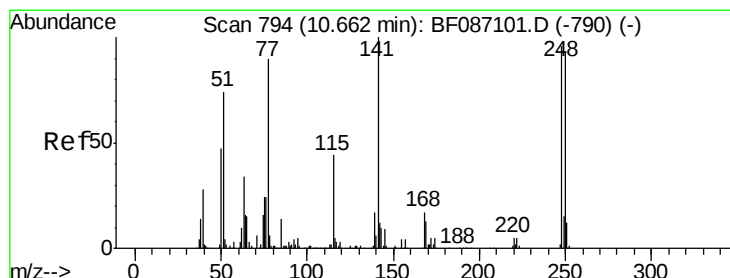
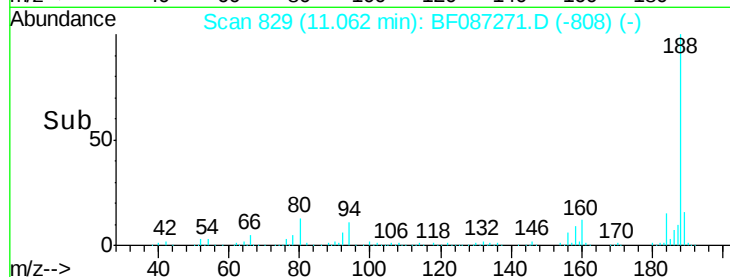
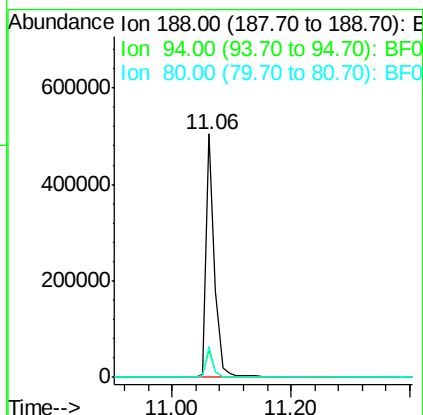
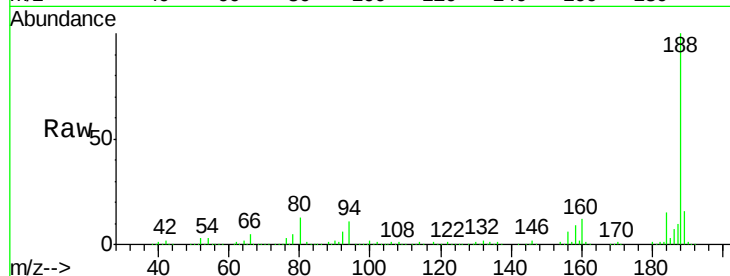




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.06 min
 Lab File: BF087271.D
 Acq: 21 May 2016 14:27

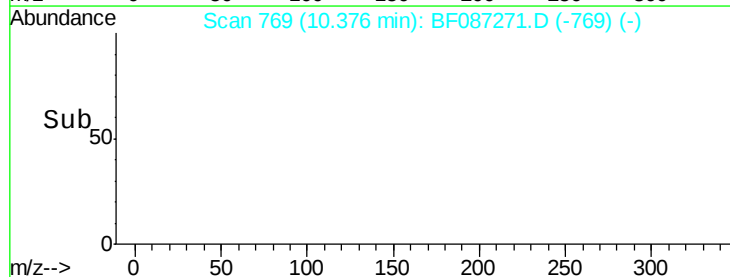
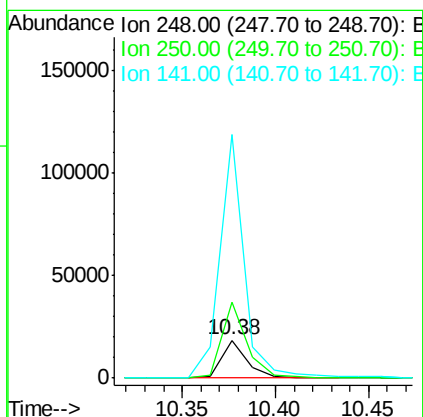
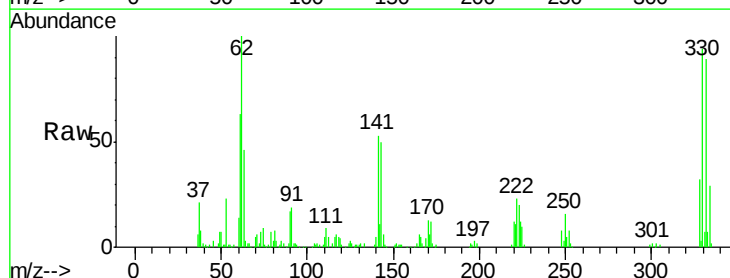
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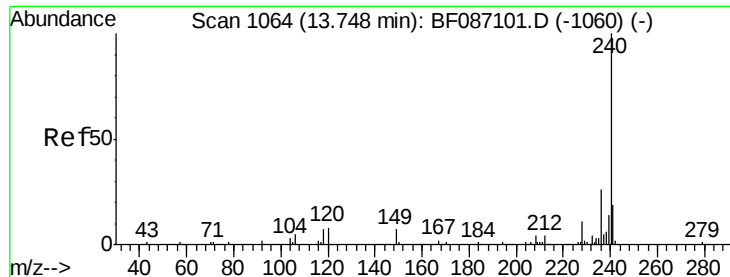
Tgt Ion:188 Resp: 508100
 Ion Ratio Lower Upper
 188 100
 94 11.1 6.8 10.2#
 80 12.7 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.34 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.30 min
 Lab File: BF087271.D
 Acq: 21 May 2016 14:27

Tgt Ion:248 Resp: 17469
 Ion Ratio Lower Upper
 248 100
 250 200.4 78.6 117.8#
 141 640.6 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.07 min

Lab File: BF087271.D

Acq: 21 May 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

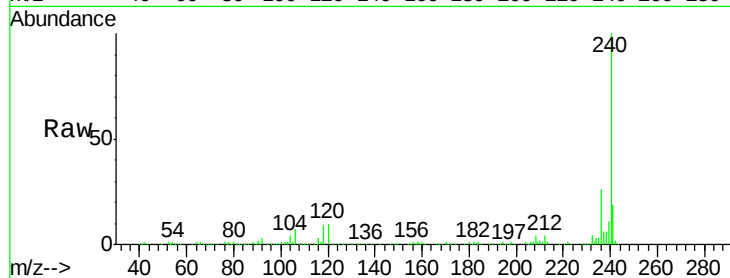
Tgt Ion:240 Resp: 336661

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

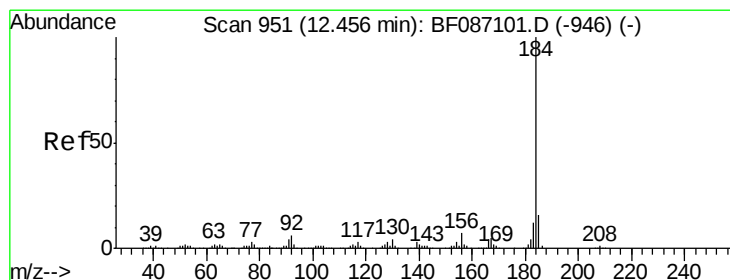
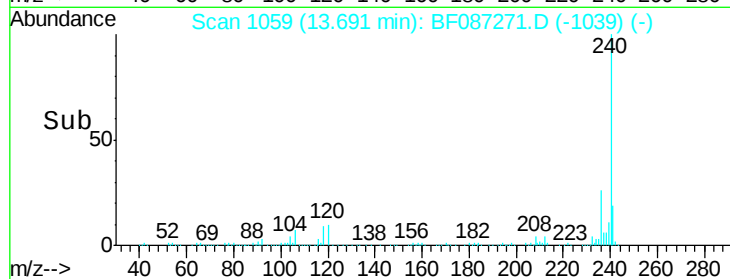
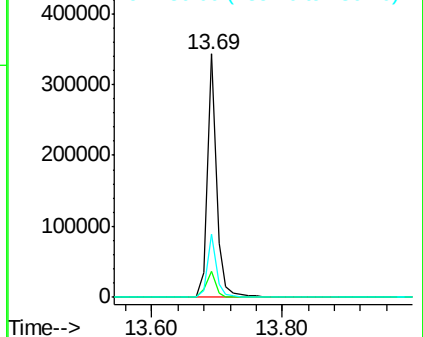
236 25.7 21.2 31.8



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



#76

Benzidine

Concen: 2.44 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.18 min

Lab File: BF087271.D

Acq: 21 May 2016 14:27

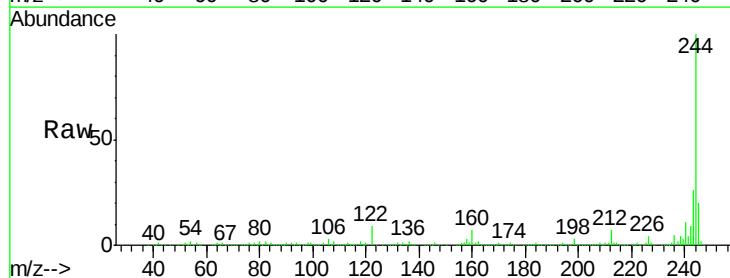
Tgt Ion:184 Resp: 18714

Ion Ratio Lower Upper

184 100

185 15.7 13.6 20.4

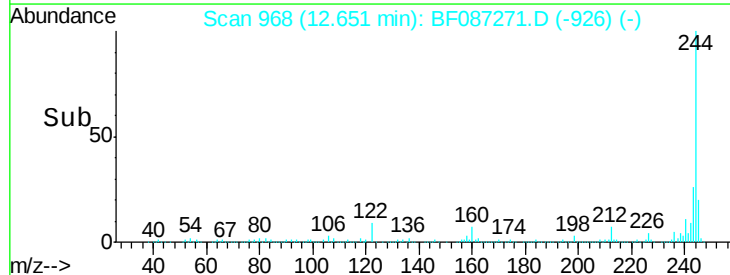
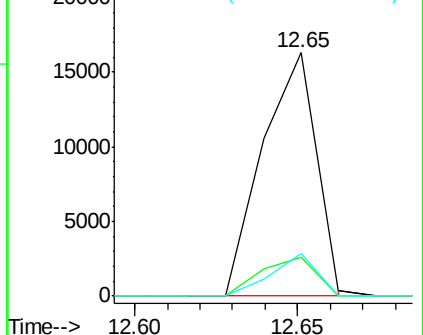
183 17.3 9.8 14.6#

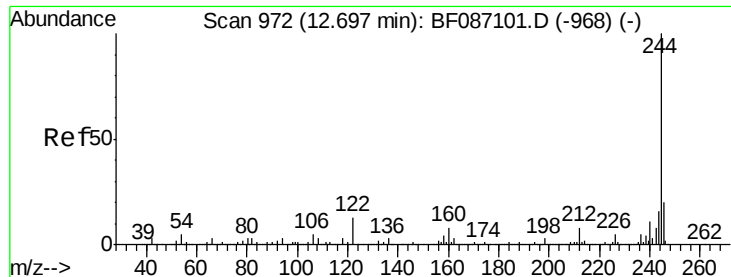


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 80.00 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087271.D

Acq: 21 May 2016 14:27

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

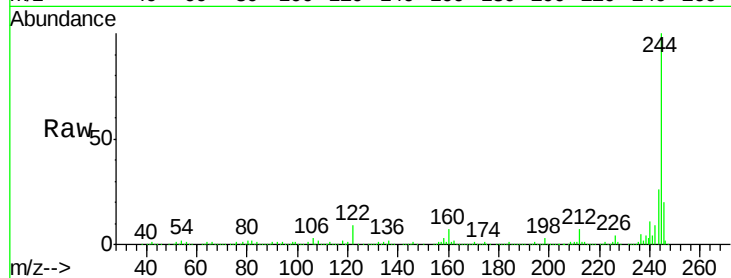
Tgt Ion:244 Resp: 1190556

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

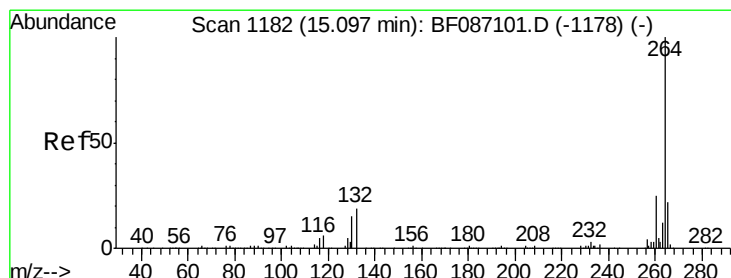
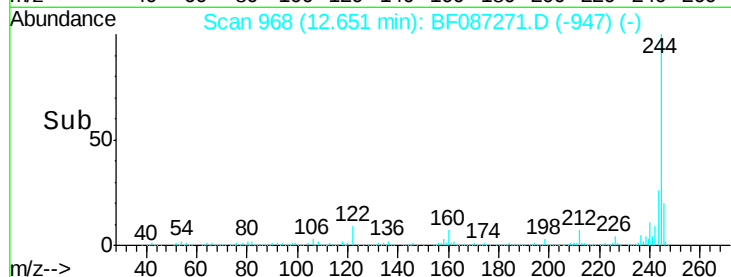
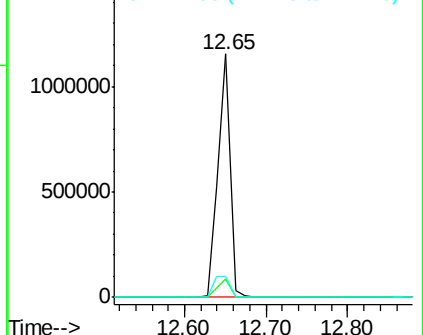
122 8.5 12.0 18.0#



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: 15.04 min Scan# 1177

Delta R.T. -0.07 min

Lab File: BF087271.D

Acq: 21 May 2016 14:27

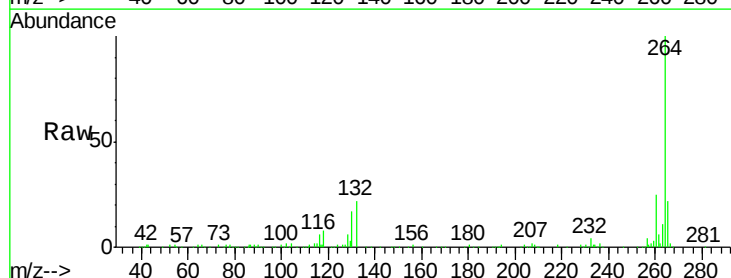
Tgt Ion:264 Resp: 257356

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.6 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

