

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087131.D
 Acq On : 18 May 2016 5:12
 Operator : UM/SJ
 Sample : H3104-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITES-SB-36-0.5-6.0

Quant Time: May 18 05:45:40 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

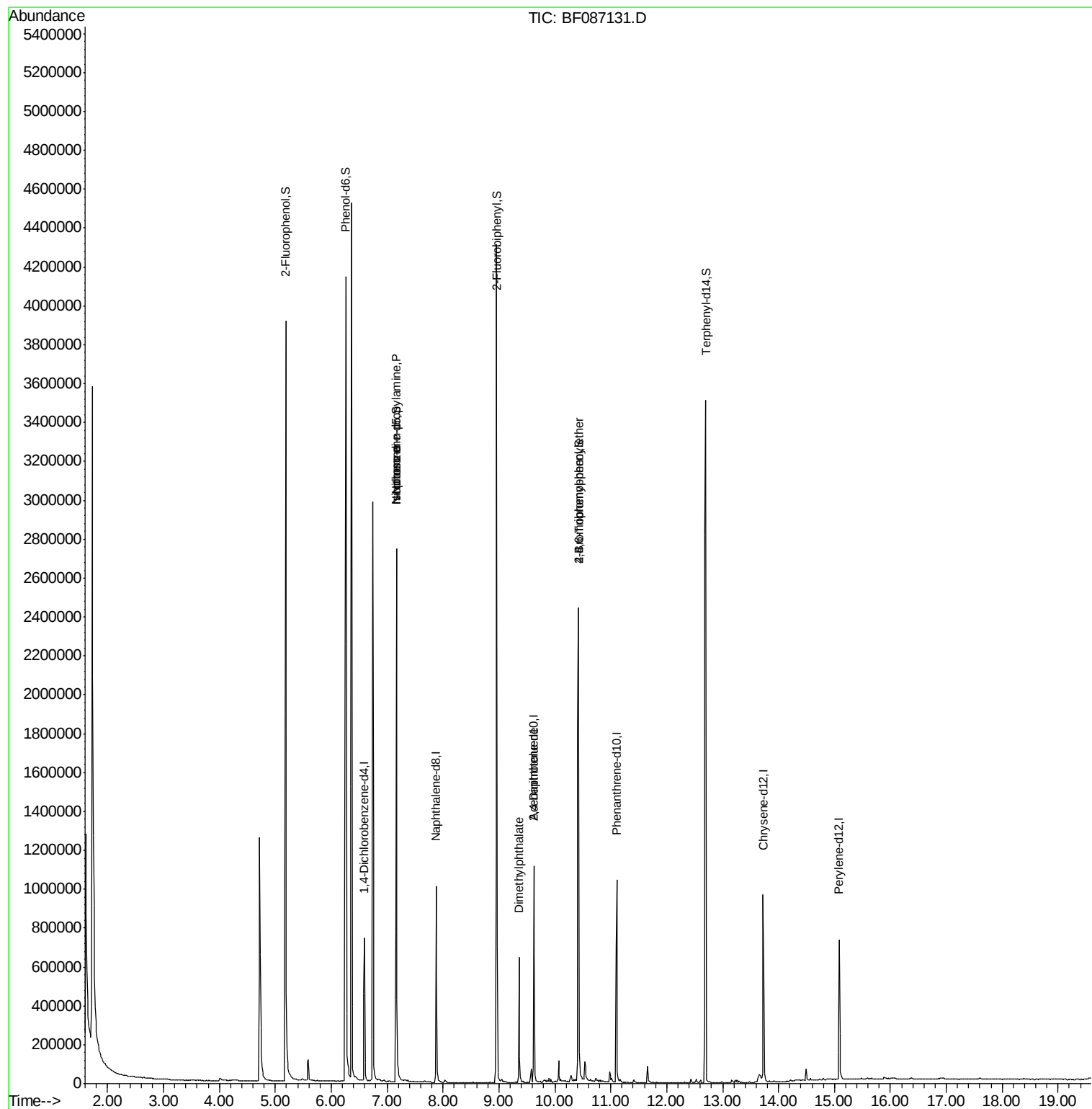
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	132785	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	544175	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	260834	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	496000	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	374742	20.00	ng	-0.03
86) Perylene-d12	15.09	264	287007	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1115049	141.15	ng	-0.01
7) Phenol-d6	6.26	99	1474247	139.14	ng	-0.02
23) Nitrobenzene-d5	7.16	82	900075	82.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	396803	137.67	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1377367	87.46	ng	-0.02
78) Terphenyl-d14	12.70	244	1479759	89.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	126658	15.73	ng	# 73
25) Isophorone	7.16	82	732399	36.64	ng	# 68
49) Dimethylphthalate	9.36	163	230620	11.59	ng	100
56) 2,4-Dinitrotoluene	9.62	165	33476	6.05	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	23458	4.60	ng	# 1

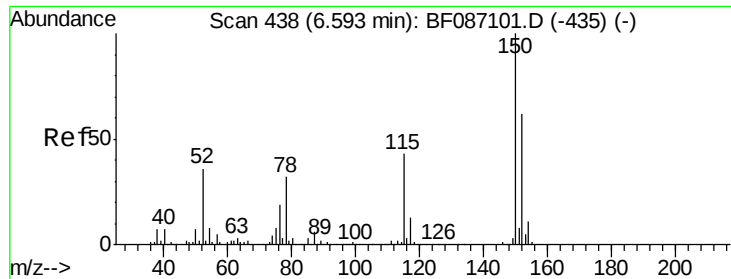
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-36-0.5-6.0

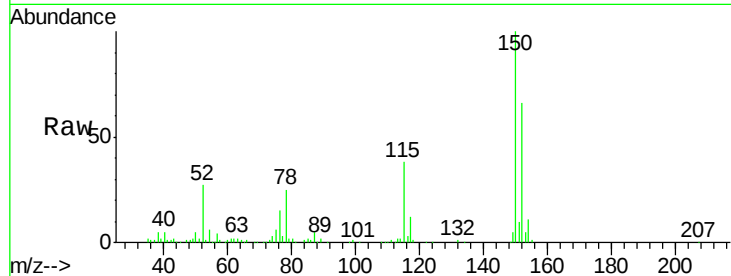
Tgt Ion:152 Resp: 132785

Ion Ratio Lower Upper

152 100

150 151.1 125.8 188.6

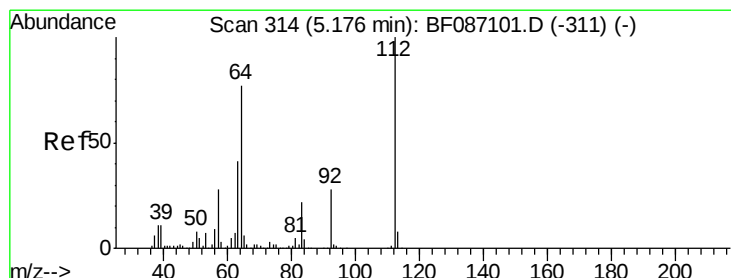
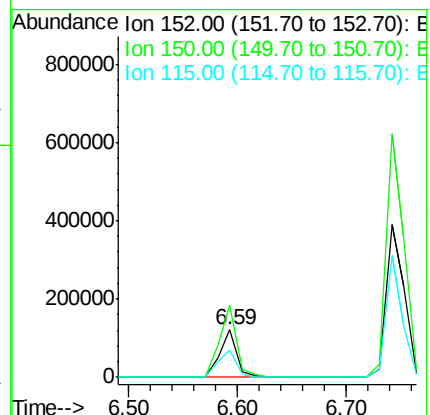
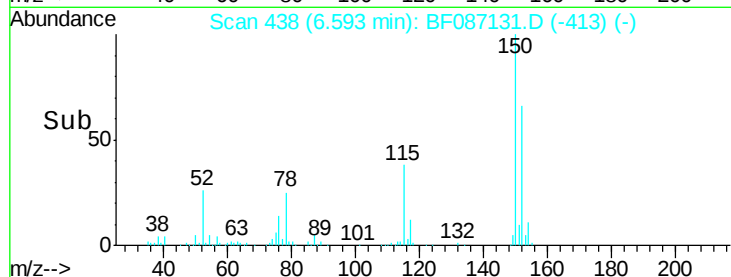
115 57.3 51.5 77.3



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: 141.15 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

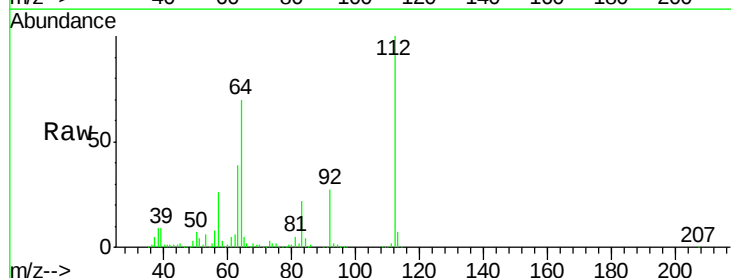
Tgt Ion:112 Resp: 1115049

Ion Ratio Lower Upper

112 100

64 70.4 52.1 78.1

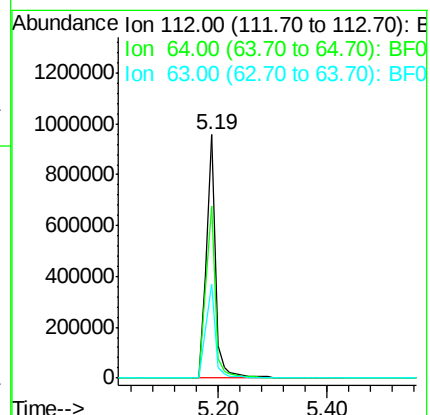
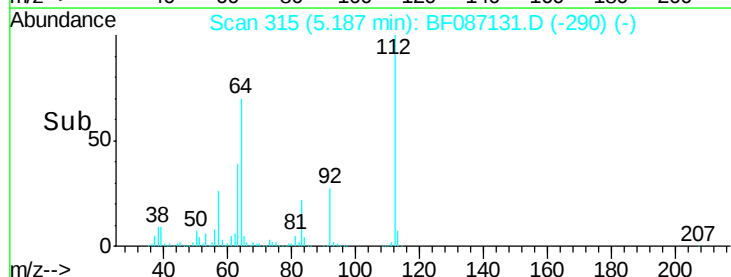
63 38.7 25.7 38.5

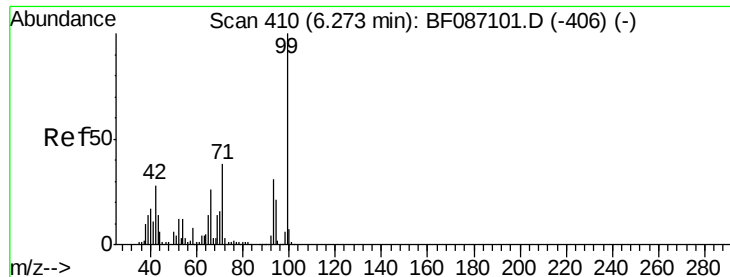


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.14 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-36-0.5-6.0

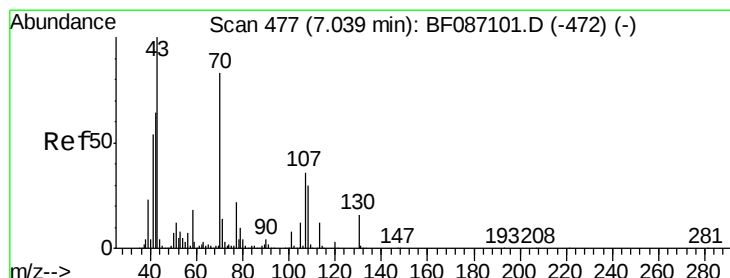
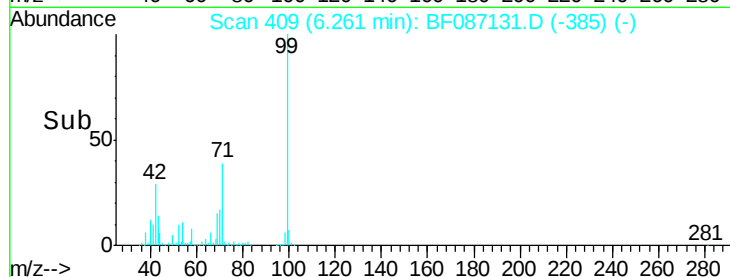
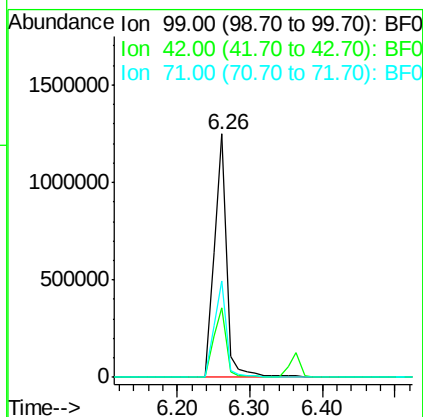
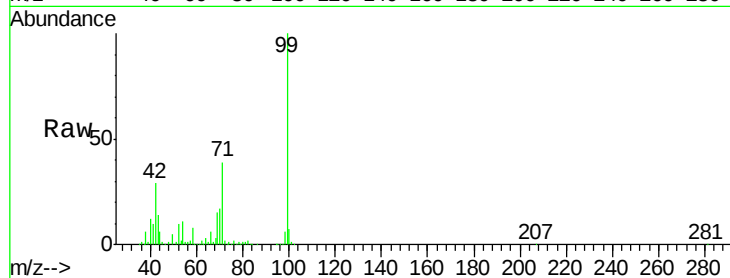
Tgt Ion: 99 Resp: 1474247

Ion Ratio Lower Upper

99 100

42 28.6 13.6 20.4#

71 39.4 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 15.73 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.11 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

Tgt Ion: 70 Resp: 126658

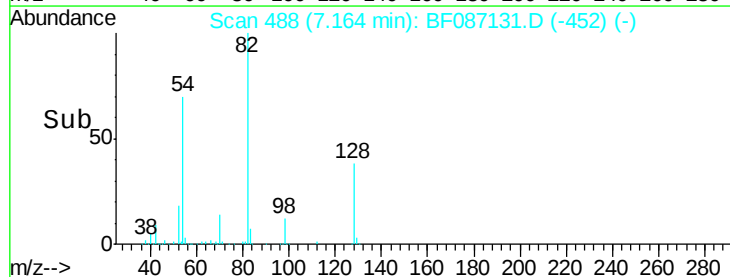
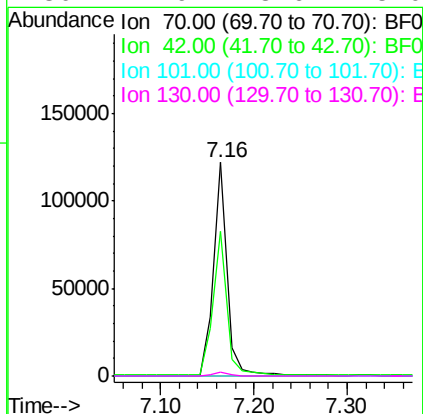
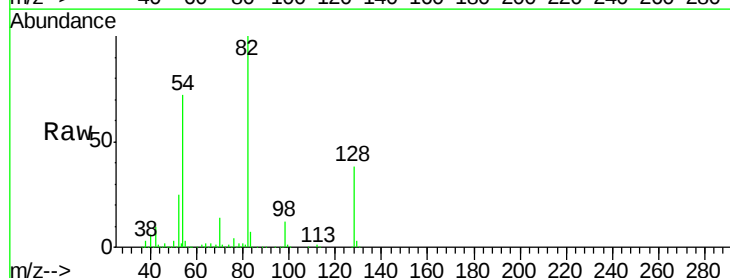
Ion Ratio Lower Upper

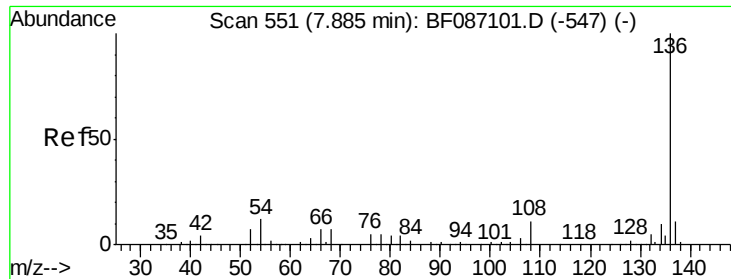
70 100

42 67.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

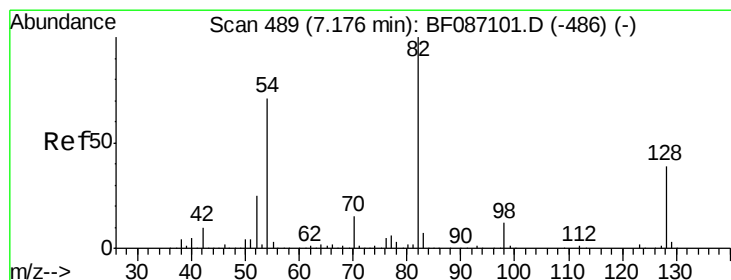
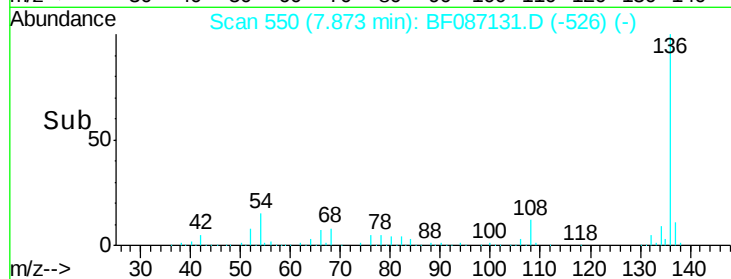
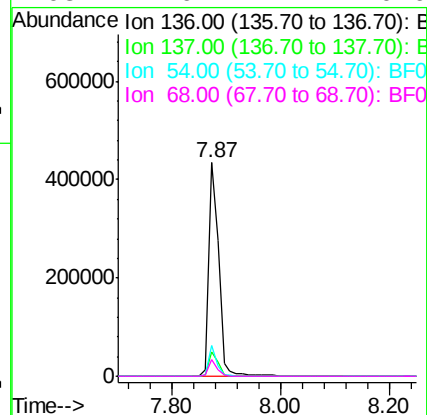
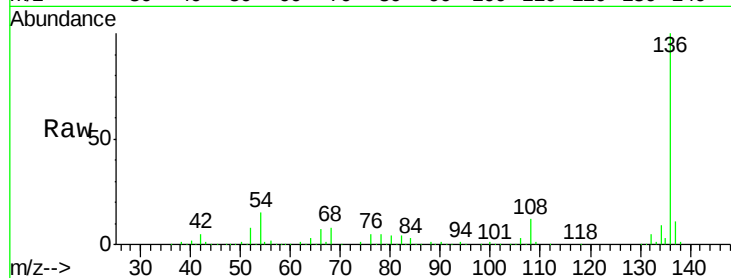




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF087131.D
Acq: 18 May 2016 5:12

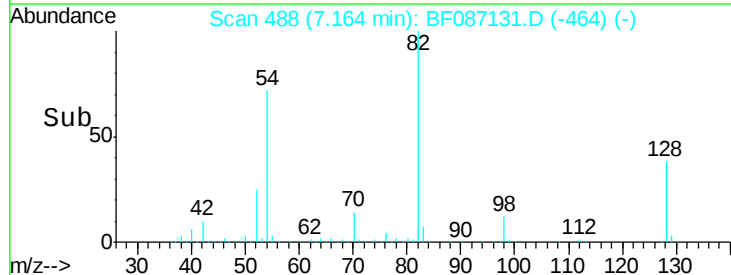
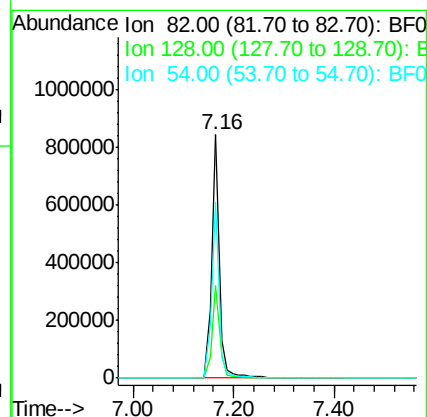
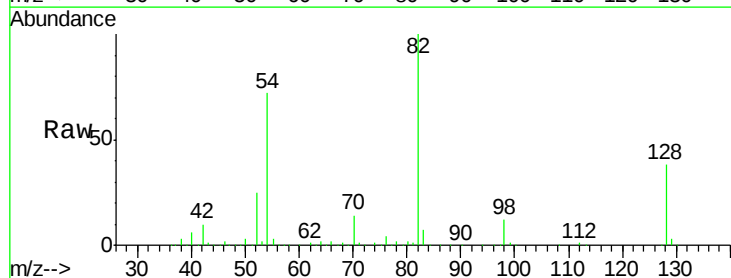
Instrument :
BNA_F
ClientSampleId :
COMPOSITES-SB-36-0.5-6.0

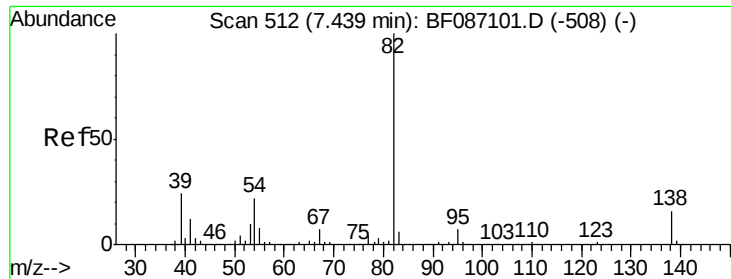
Tgt Ion:	136	Resp:	544175
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.7	5.0	7.4#
68	7.6	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 82.43 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087131.D
Acq: 18 May 2016 5:12

Tgt Ion:	82	Resp:	900075
Ion	Ratio	Lower	Upper
82	100		
128	38.2	40.6	61.0#
54	72.2	38.1	57.1#





#25

Isophorone

Concen: 36.64 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.29 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-36-0.5-6.0

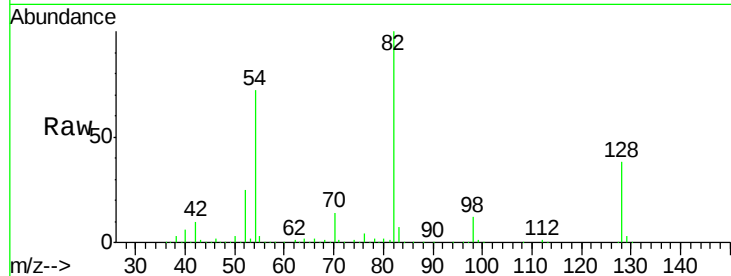
Tgt Ion: 82 Resp: 732399

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

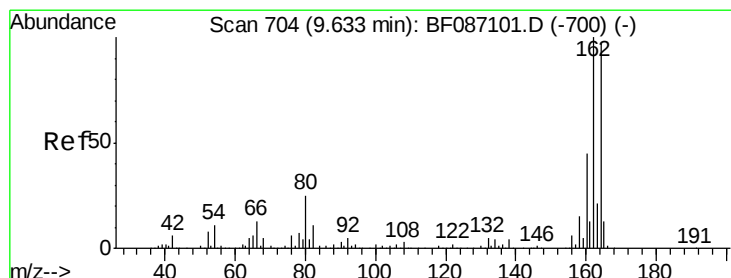
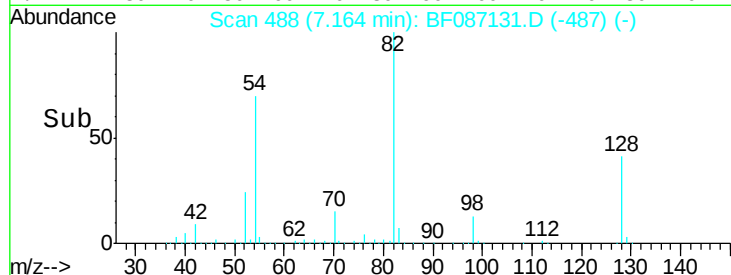
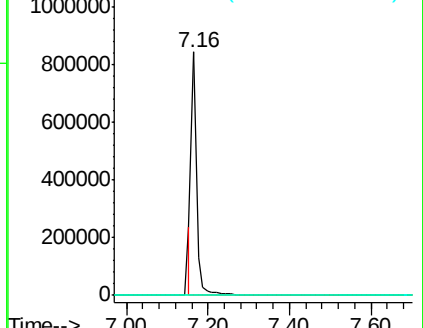
138 0.0 12.4 18.6#



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: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

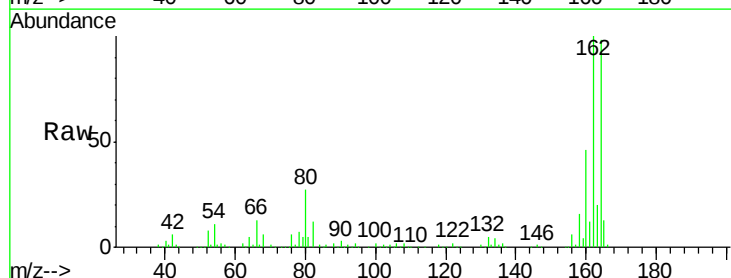
Tgt Ion: 164 Resp: 260834

Ion Ratio Lower Upper

164 100

162 102.0 82.8 124.2

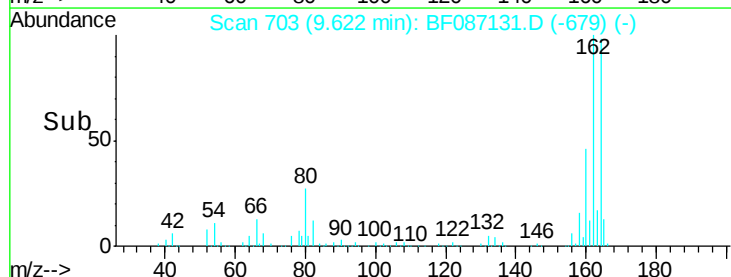
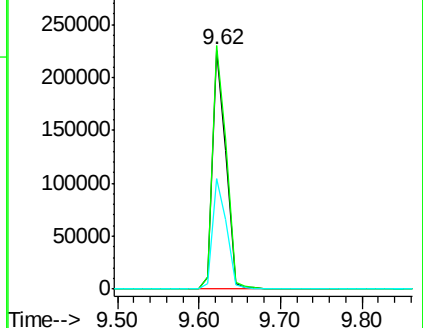
160 46.5 36.9 55.3

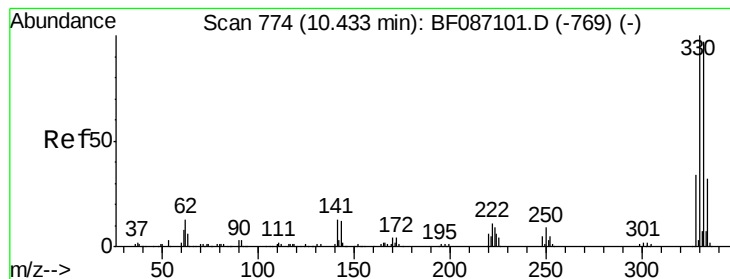


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

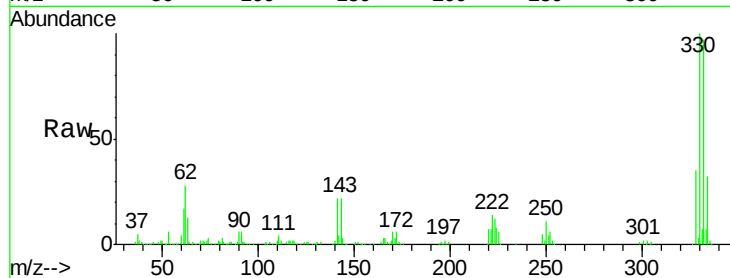




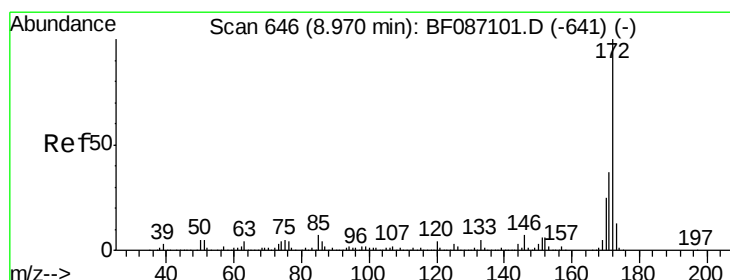
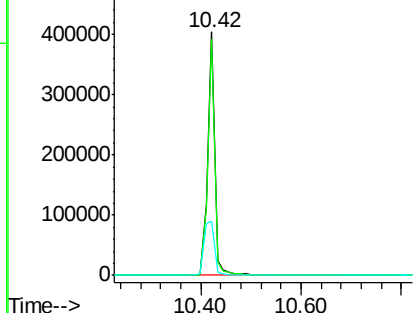
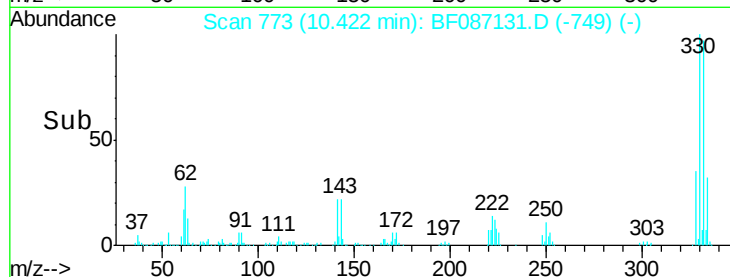
#41
 2,4,6-Tribromophenol
 Concen: 137.67 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087131.D
 Acq: 18 May 2016 5:12

Instrument :
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 COMPOSITES-SB-36-0.5-6.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	33.5	31.2	46.8

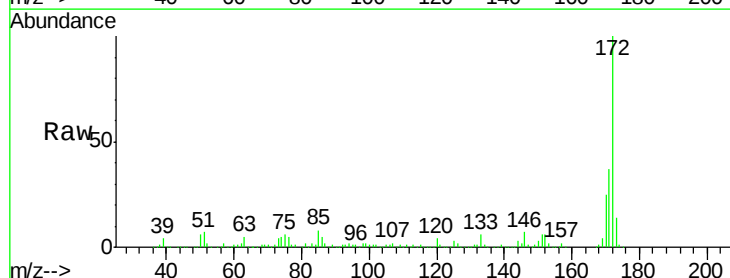


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

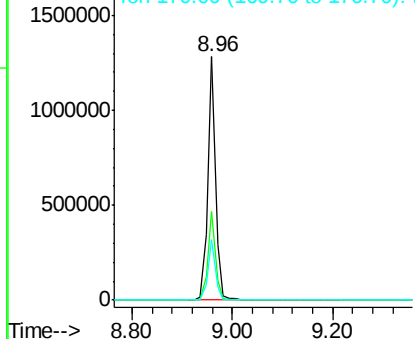
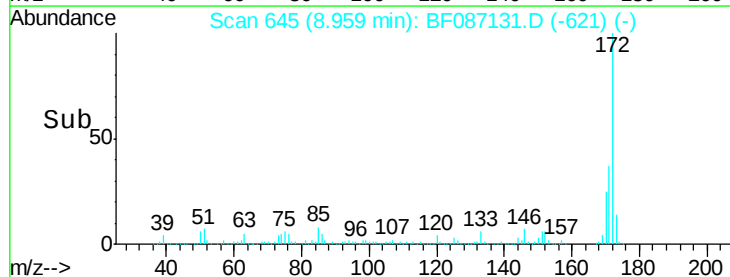


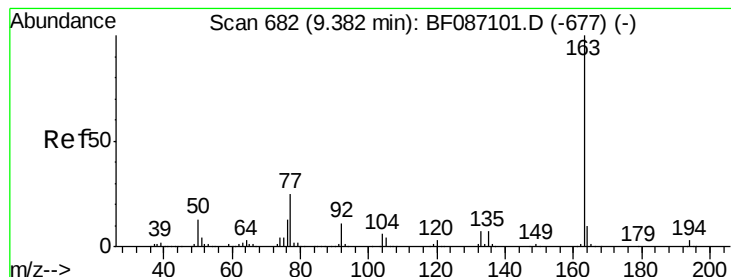
#44
 2-Fluorobiphenyl
 Concen: 87.46 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087131.D
 Acq: 18 May 2016 5:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.8	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: 11.59 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-36-0.5-6.0

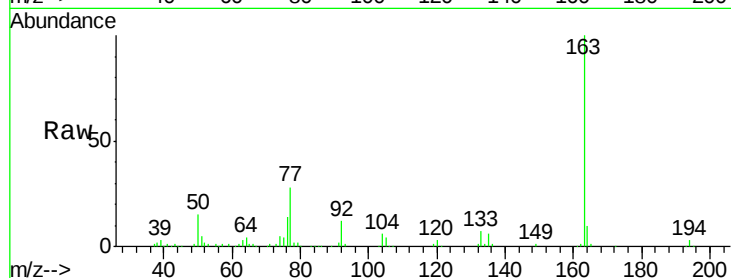
Tgt Ion:163 Resp: 230620

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

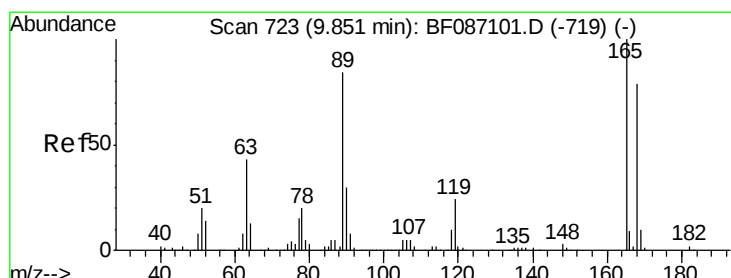
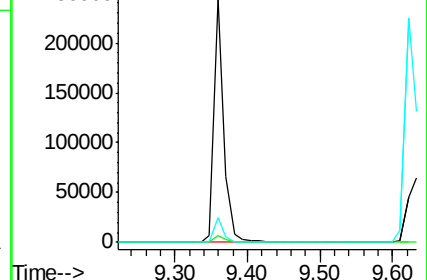
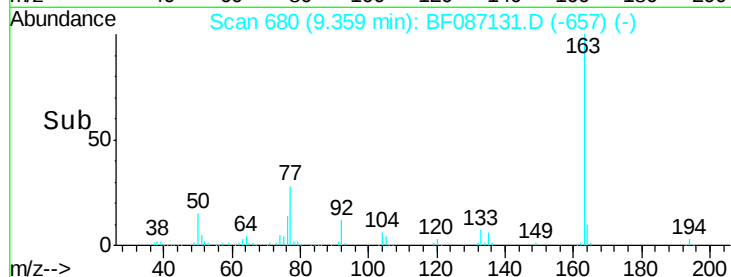
164 10.2 8.2 12.4



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: 6.05 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.24 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

Tgt Ion:165 Resp: 33476

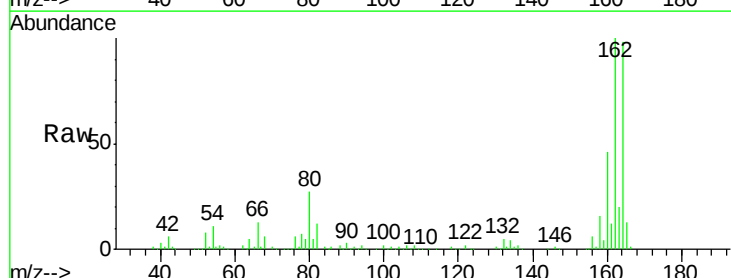
Ion Ratio Lower Upper

165 100

63 1.8 44.3 66.5#

89 1.7 70.0 105.0#

182 0.0 1.8 2.6#

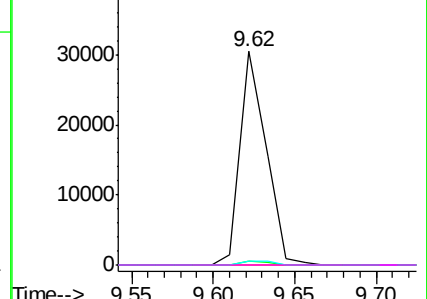
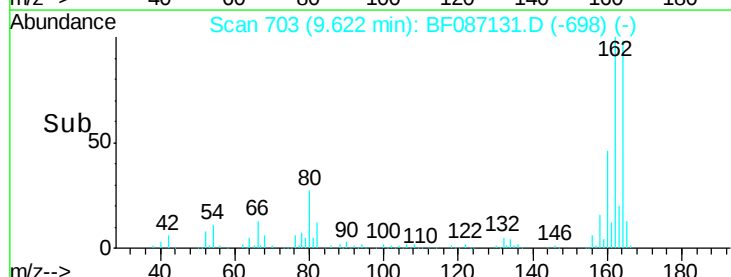


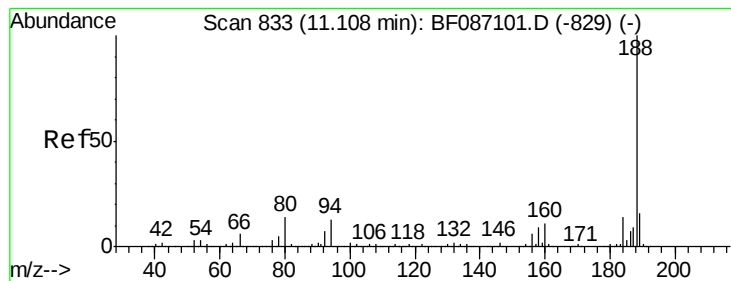
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

Instrument :

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ClientSampleId :

COMPOSITES-SB-36-0.5-6.0

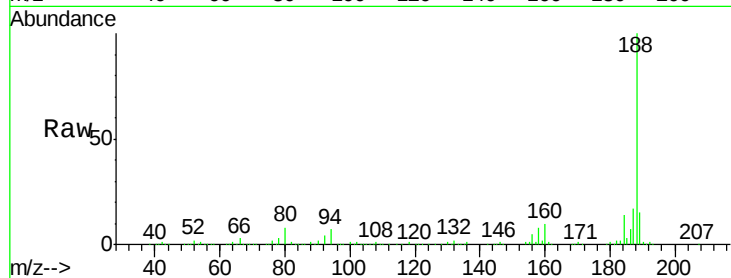
Tgt Ion:188 Resp: 496000

Ion Ratio Lower Upper

188 100

94 7.2 6.8 10.2

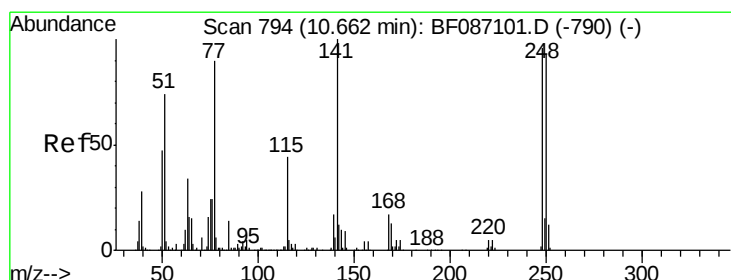
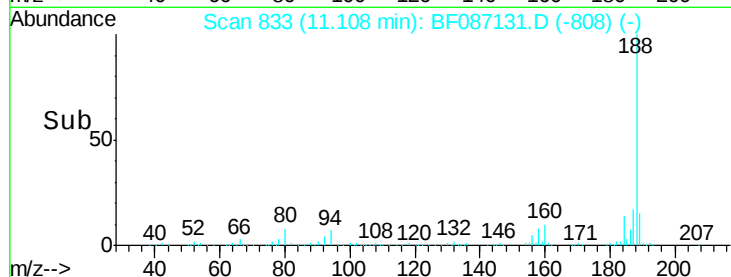
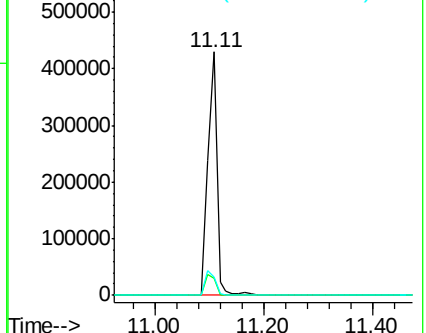
80 7.5 7.1 10.7



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: 4.60 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.25 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

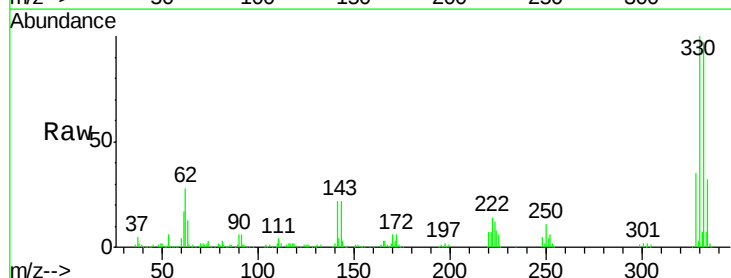
Tgt Ion:248 Resp: 23458

Ion Ratio Lower Upper

248 100

250 202.6 78.6 117.8#

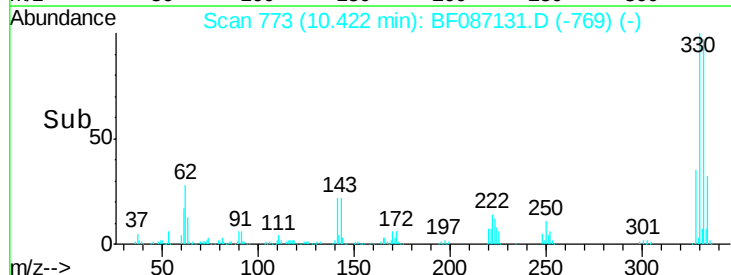
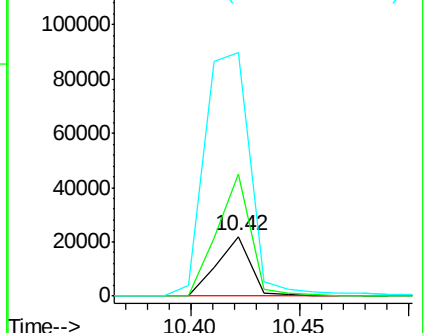
141 406.4 76.0 114.0#

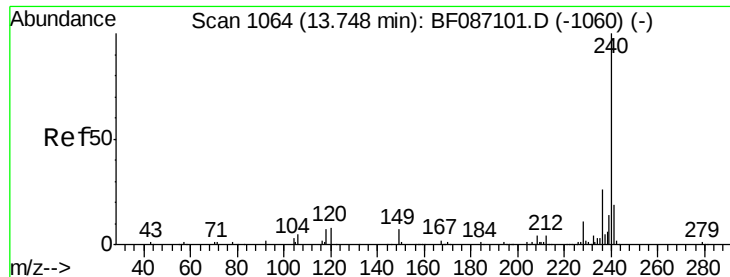


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-36-0.5-6.0

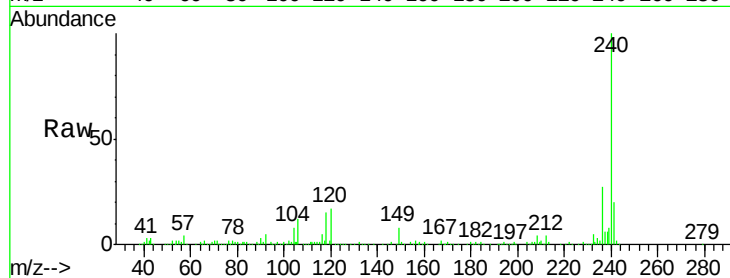
Tgt Ion:240 Resp: 374742

Ion Ratio Lower Upper

240 100

120 17.1 11.2 16.8#

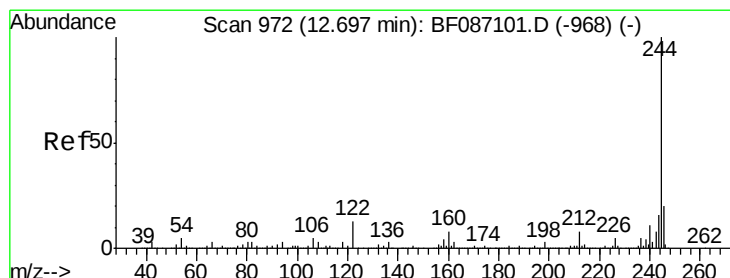
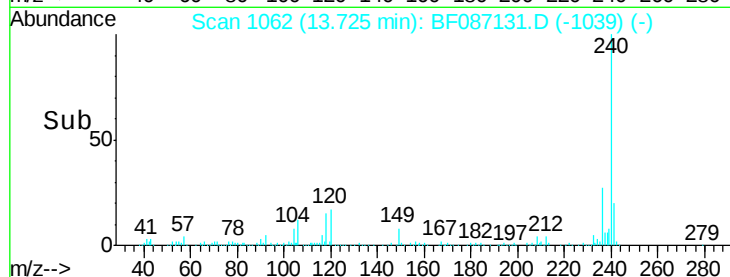
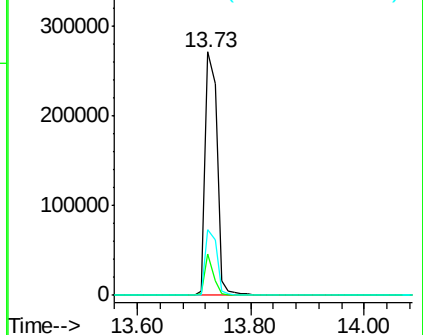
236 26.8 21.2 31.8



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



#78

Terphenyl-d14

Concen: 89.32 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087131.D

Acq: 18 May 2016 5:12

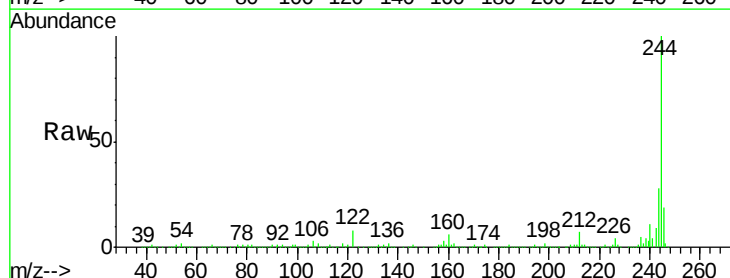
Tgt Ion:244 Resp: 1479759

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

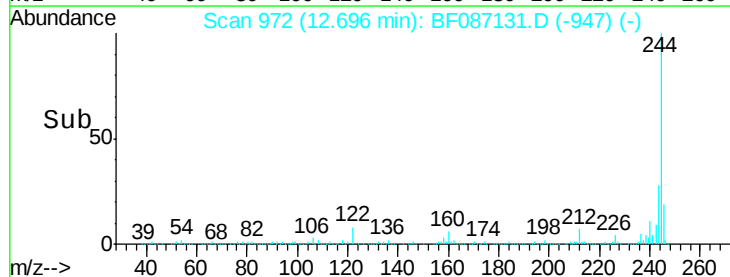
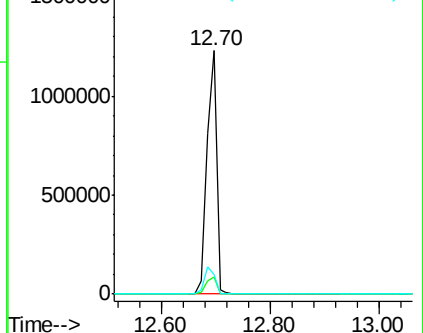
122 8.0 12.0 18.0#

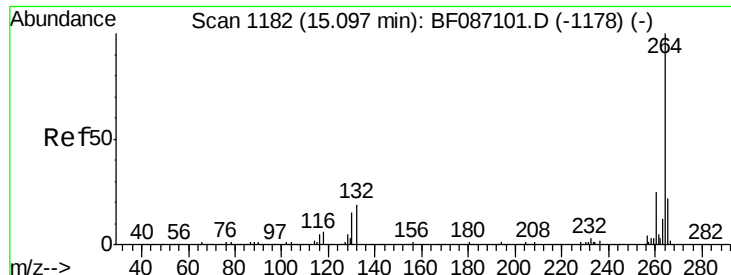


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

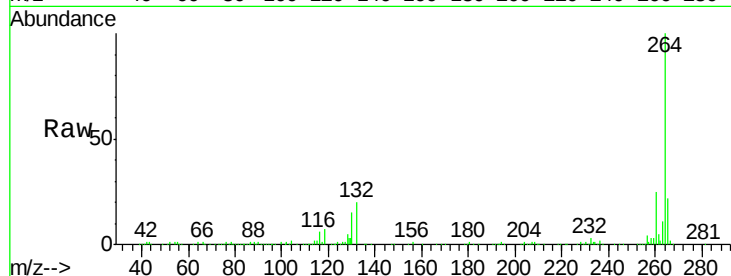




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087131.D
Acq: 18 May 2016 5:12

Instrument :
BNA_F
ClientSampleId :
COMPOSITES-SB-36-0.5-6.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.8	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

