

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087337.D
 Acq On : 24 May 2016 12:21
 Operator : UM/SJ
 Sample : H3168-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Quant Time: May 24 19:08:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

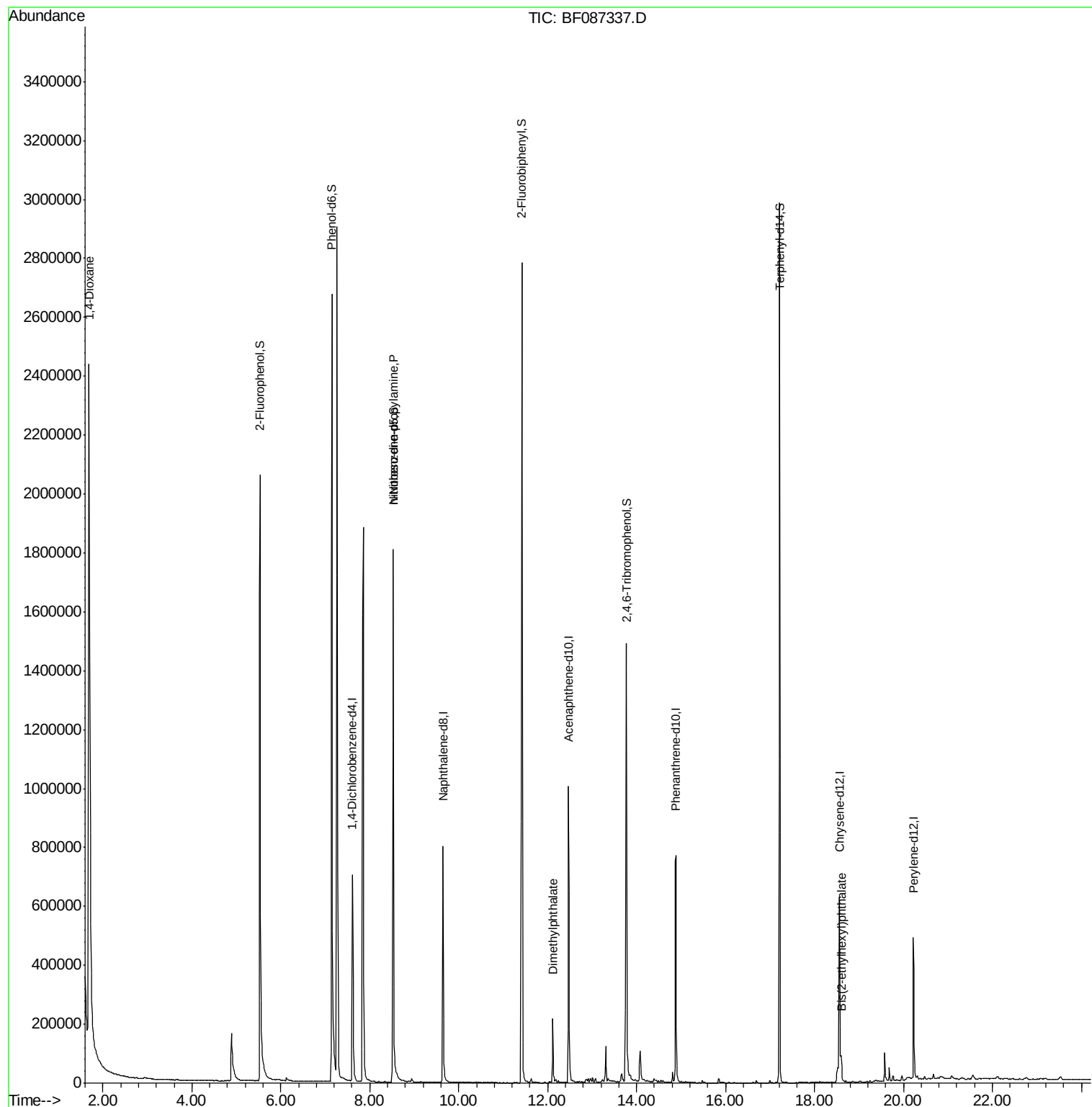
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	137357	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	584358	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	270775	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	497190	20.00	ng	0.00
75) Chrysene-d12	18.56	240	344198	20.00	ng	0.00
86) Perylene-d12	20.22	264	265591	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	887981	113.60	ng	0.01
7) Phenol-d6	7.15	99	1165304	110.32	ng	-0.01
23) Nitrobenzene-d5	8.52	82	819950	70.72	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	267609	102.84	ng	-0.01
44) 2-Fluorobiphenyl	11.42	172	1336525	69.59	ng	-0.01
78) Terphenyl-d14	17.21	244	1083643	66.93	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	109301	26.50	ng	# 22
19) n-Nitroso-di-n-propylamine	8.52	70	109037	13.84	ng	# 76
49) Dimethylphthalate	12.11	163	115830	5.34	ng	99
83) Bis(2-ethylhexyl)phthalate	18.61	149	40854	2.55	ng	# 99

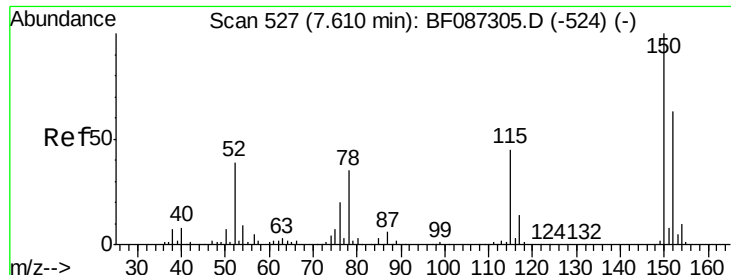
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087337.D

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BNA_F

ClientSampleId :

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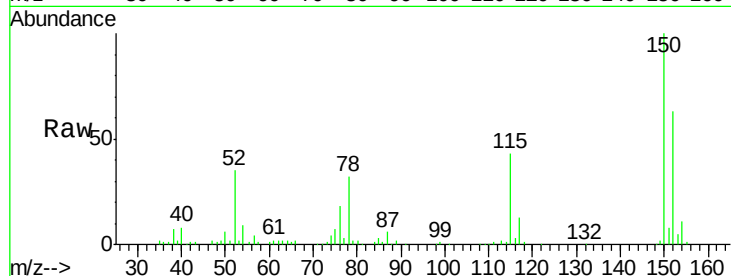
Tgt Ion:152 Resp: 137357

Ion Ratio Lower Upper

152 100

150 159.3 125.8 188.6

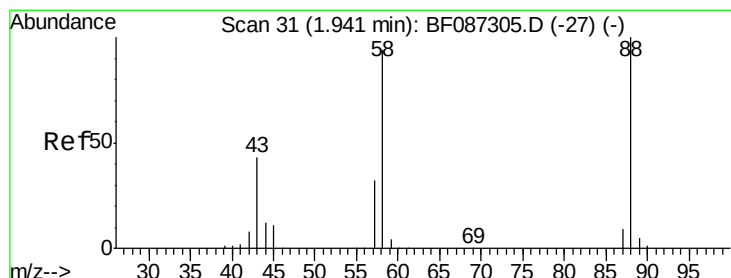
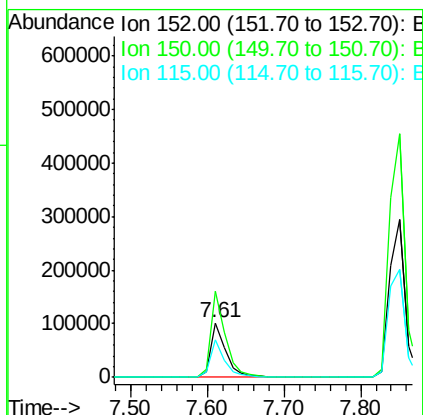
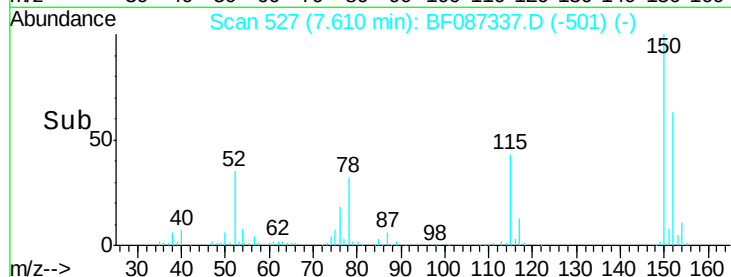
115 68.8 51.5 77.3



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



#2

1,4-Dioxane

Concen: 26.50 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

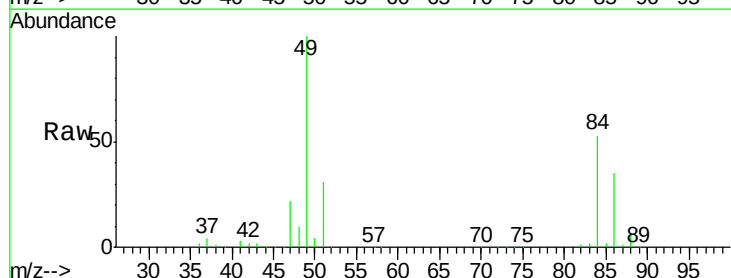
Tgt Ion: 88 Resp: 109301

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

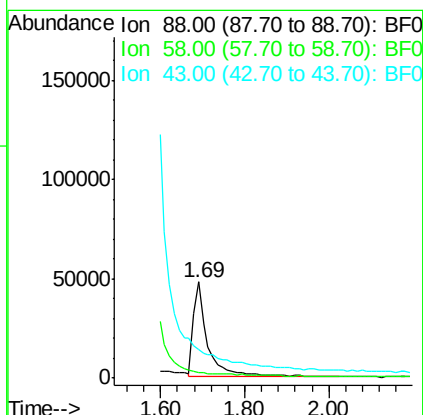
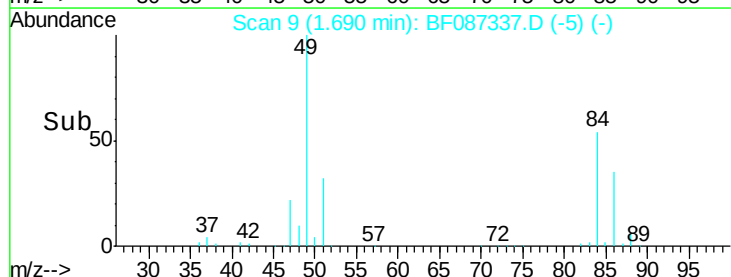
43 0.0 21.8 32.6#

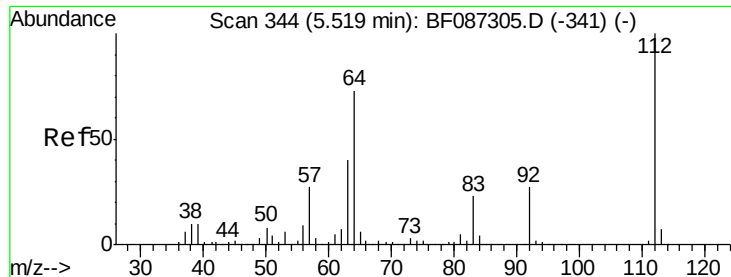


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 113.60 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

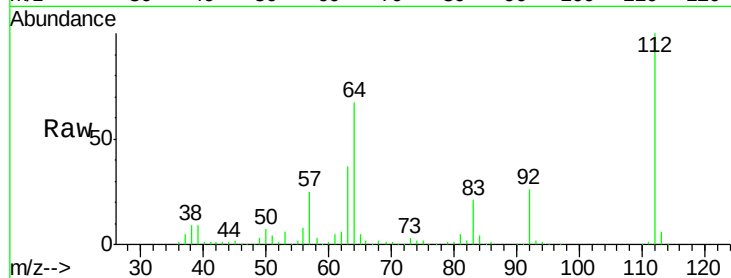
Tgt Ion: 112 Resp: 887981

Ion Ratio Lower Upper

112 100

64 67.3 52.1 78.1

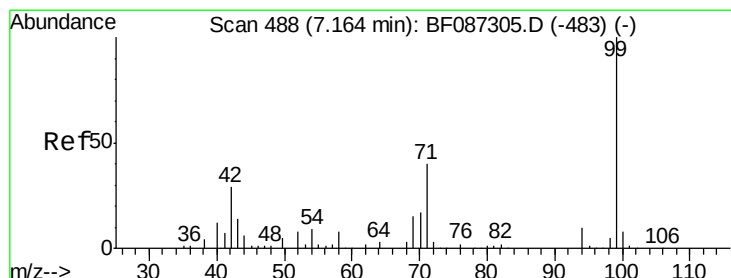
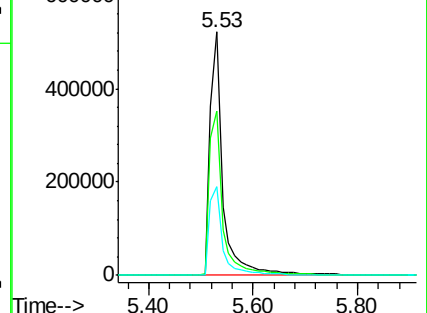
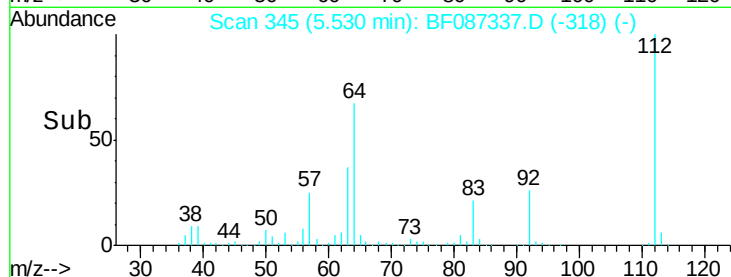
63 36.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 110.32 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

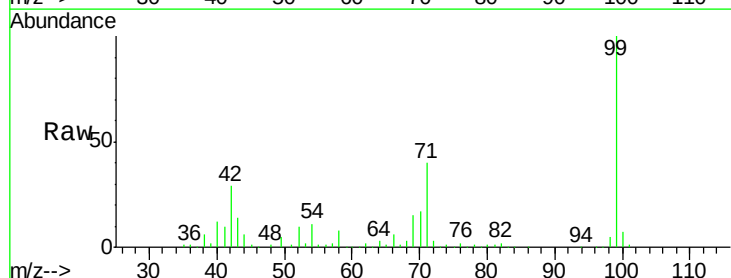
Tgt Ion: 99 Resp: 1165304

Ion Ratio Lower Upper

99 100

42 29.4 13.6 20.4#

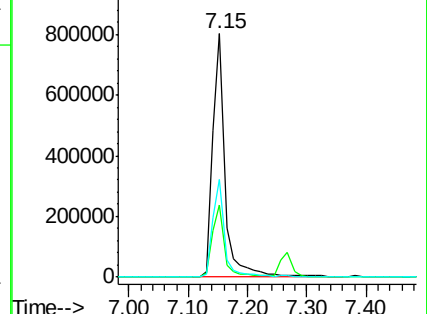
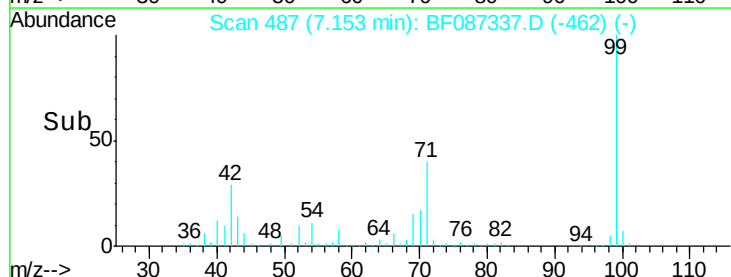
71 39.9 24.6 36.8#

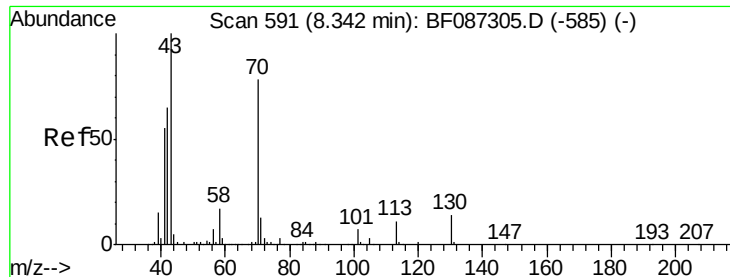


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

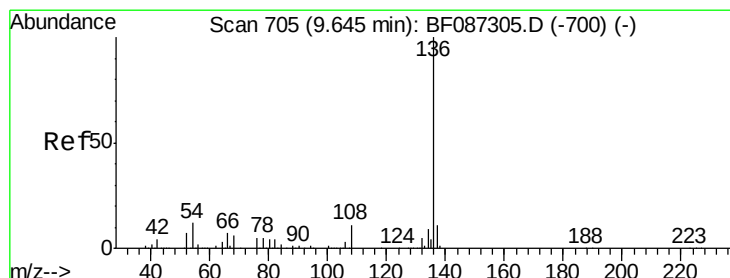
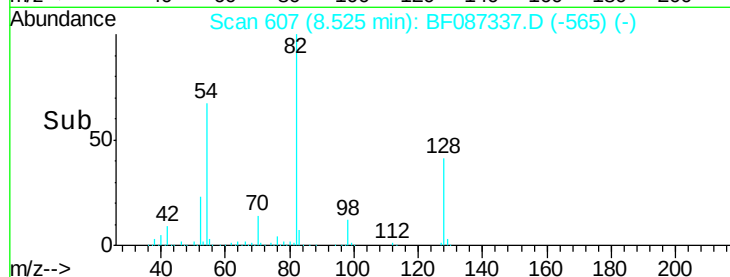
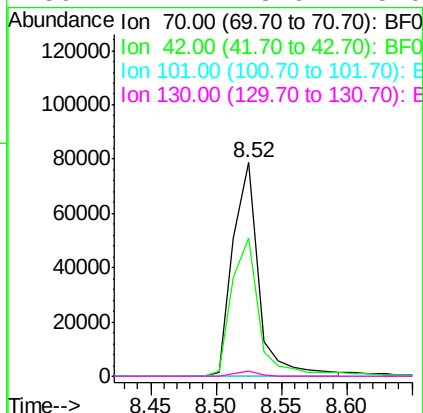
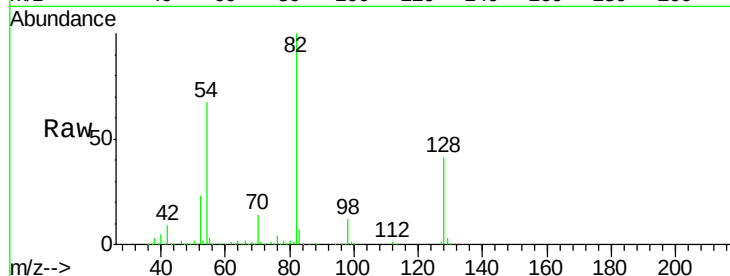




#19
n-Nitroso-di-n-propylamine
Concen: 13.84 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.18 min
Lab File: BF087337.D
Acq: 24 May 2016 12:21

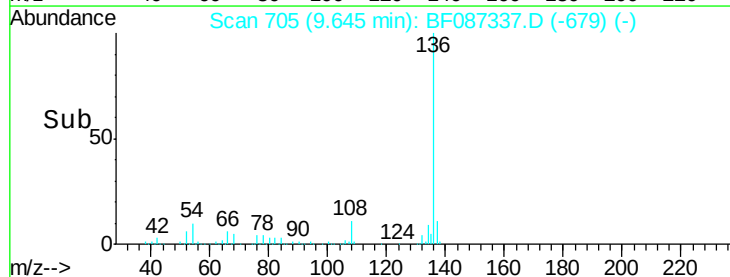
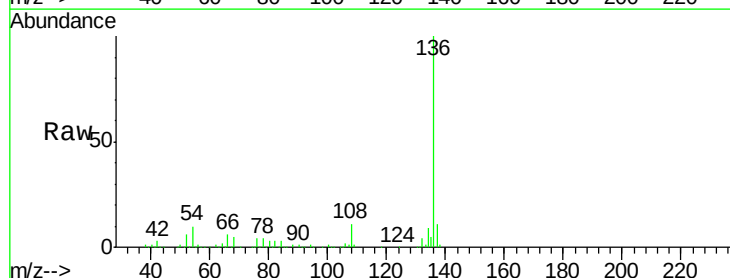
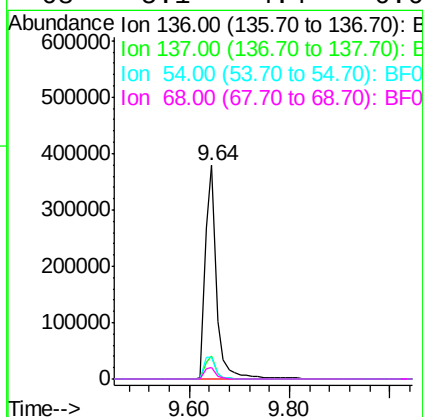
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

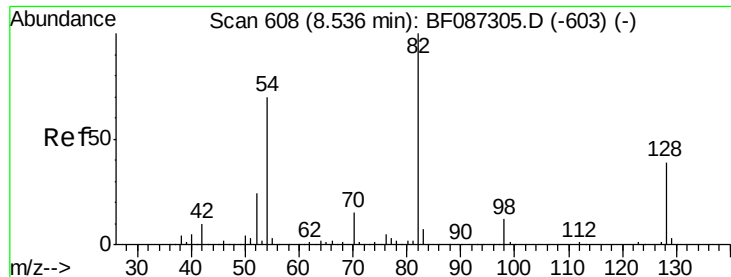
Tgt Ion: 70 Resp: 109037
Ion Ratio Lower Upper
70 100
42 65.0 43.1 64.7#
101 0.0 8.1 12.1#
130 2.2 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087337.D
Acq: 24 May 2016 12:21

Tgt Ion: 136 Resp: 584358
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.4 5.0 7.4#
68 5.1 4.4 6.6

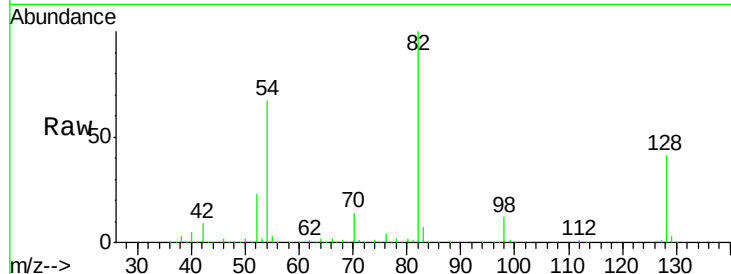




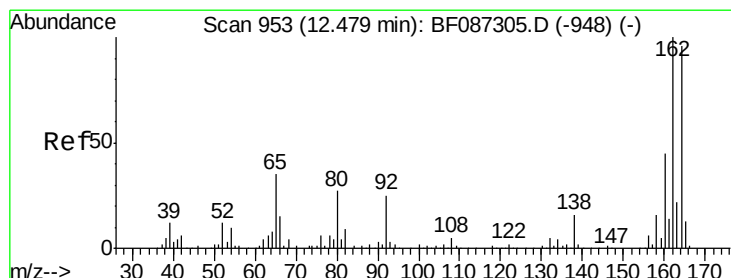
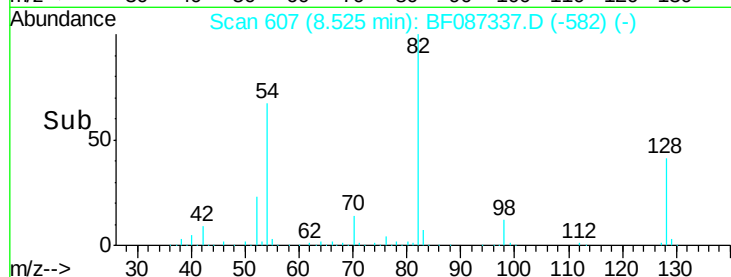
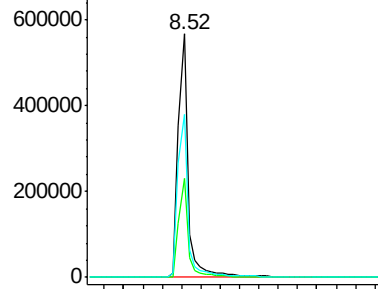
#23
 Nitrobenzene-d5
 Concen: 70.72 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087337.D
 Acq: 24 May 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	40.6	61.0
54	67.1	38.1	57.1#

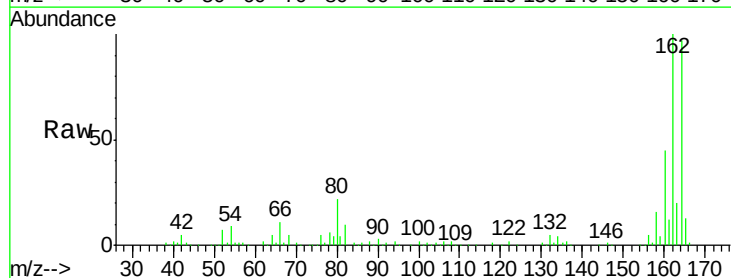


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

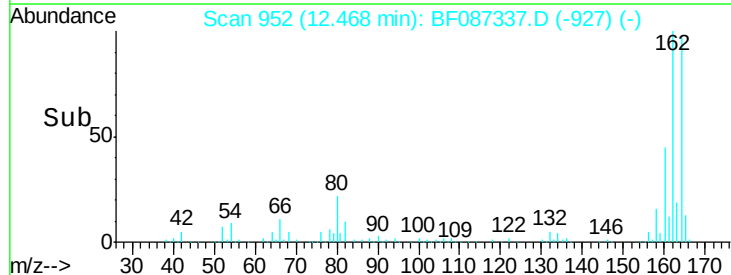
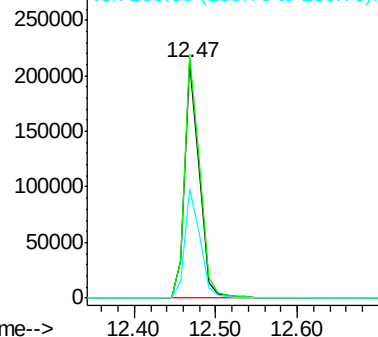


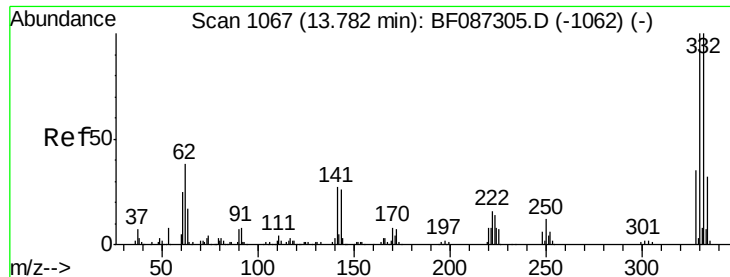
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087337.D
 Acq: 24 May 2016 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	46.6	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: 102.84 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

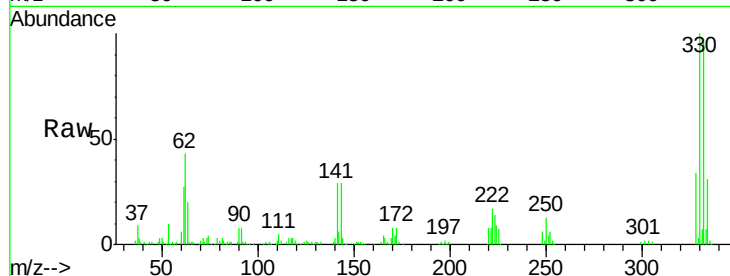
Tgt Ion:330 Resp: 267609

Ion Ratio Lower Upper

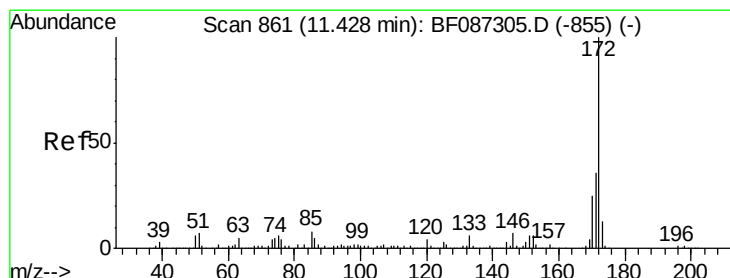
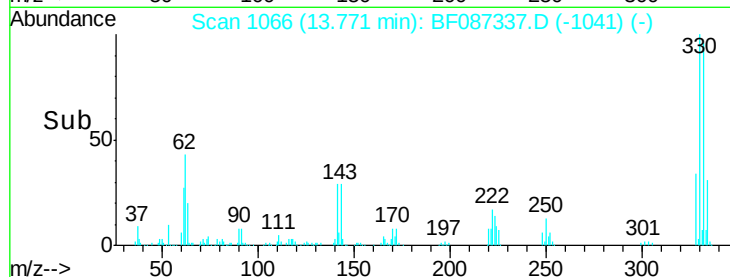
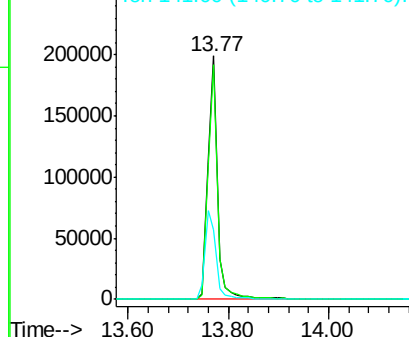
330 100

332 96.4 79.0 118.4

141 41.7 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: 69.59 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

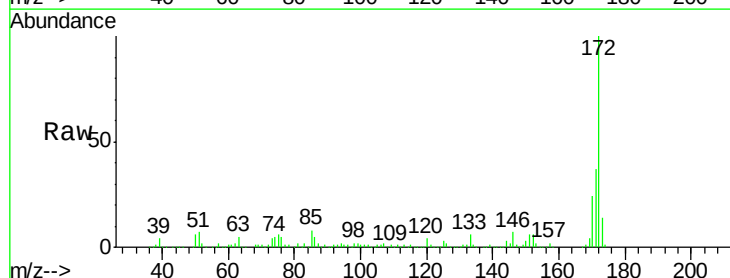
Tgt Ion:172 Resp: 1336525

Ion Ratio Lower Upper

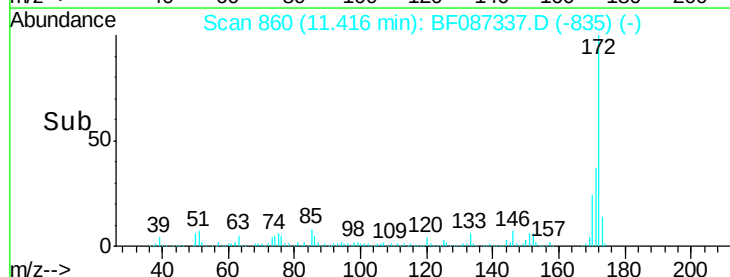
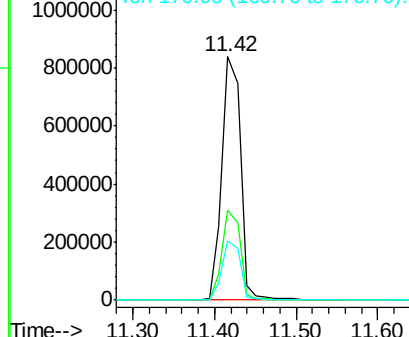
172 100

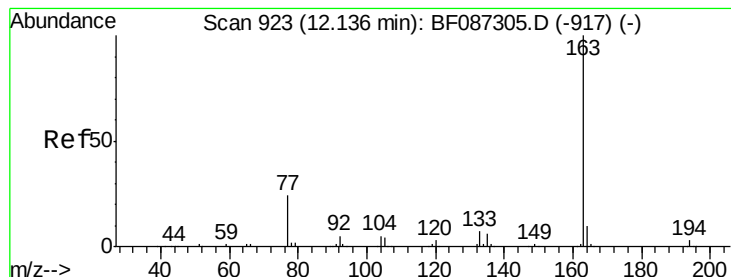
171 36.9 29.0 43.6

170 24.2 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: 5.34 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

Instrument :

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ClientSampleId :

SB-14-COMP

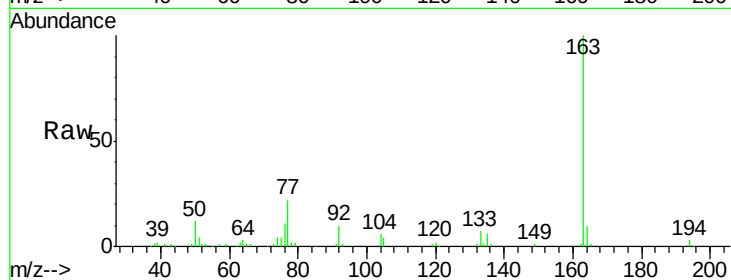
Tgt Ion:163 Resp: 115830

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

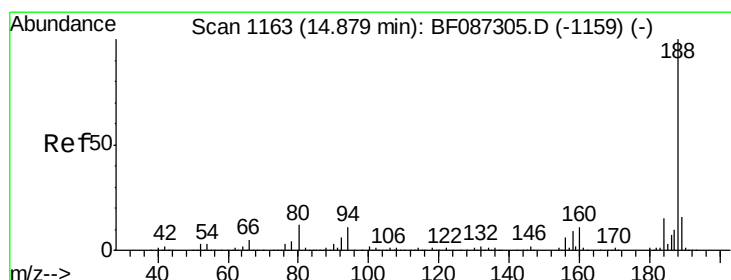
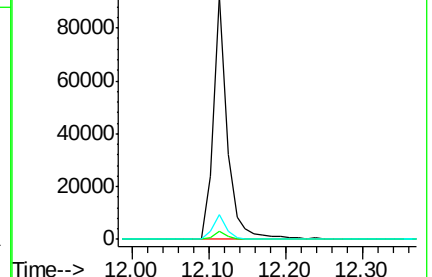
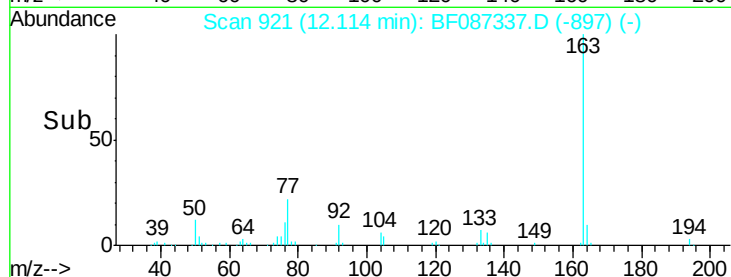
164 10.0 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

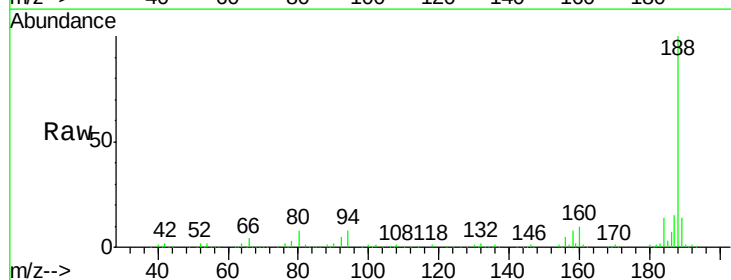
Tgt Ion:188 Resp: 497190

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

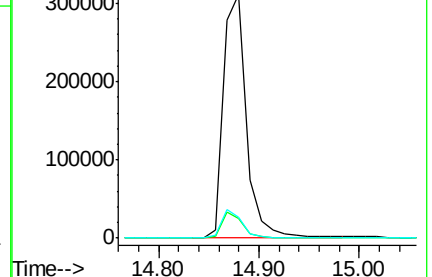
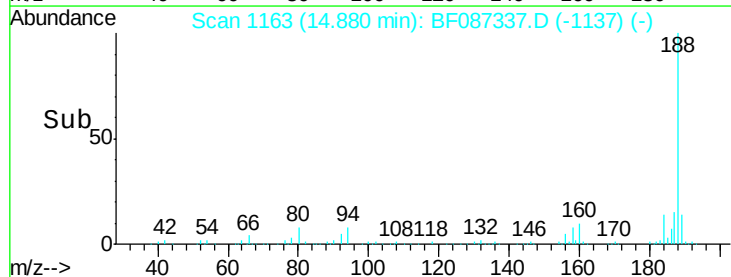
80 8.5 7.1 10.7

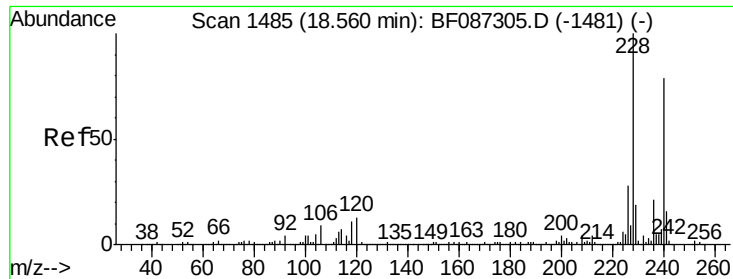


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

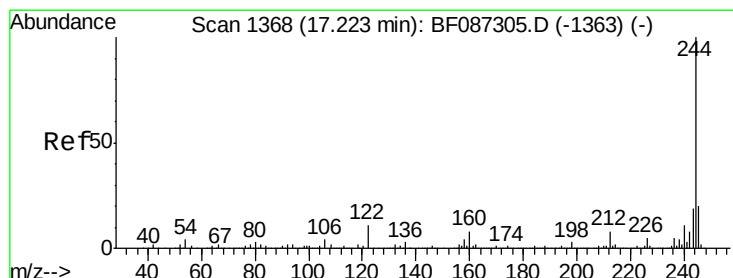
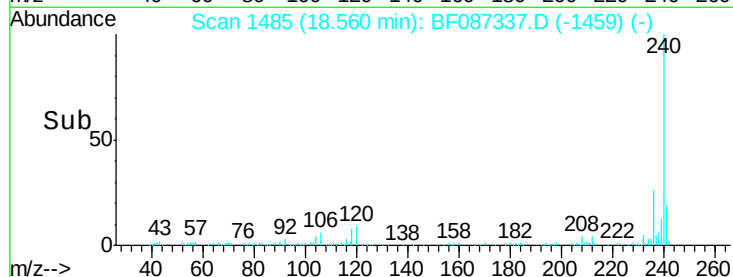
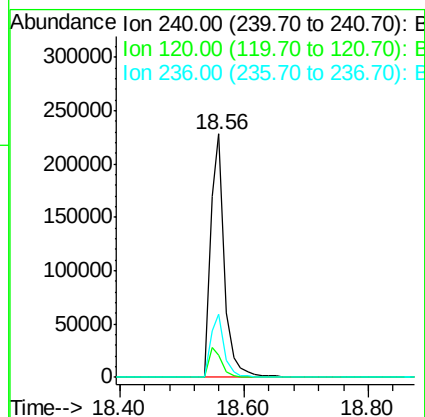
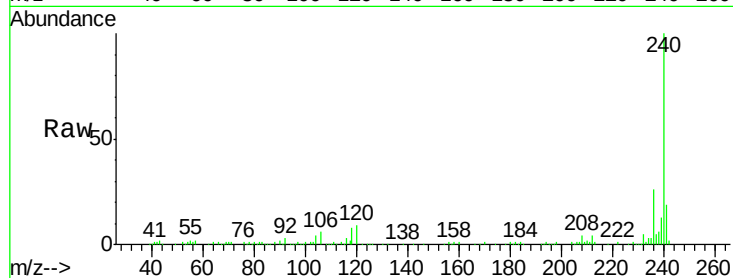




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF087337.D
 Acq: 24 May 2016 12:21

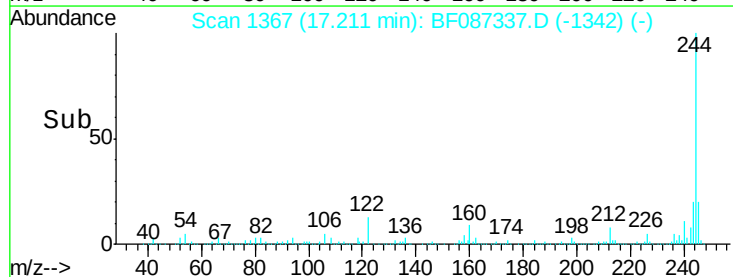
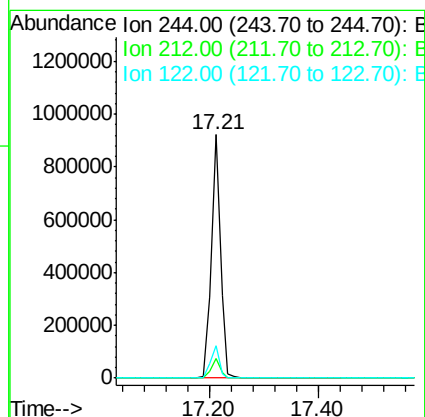
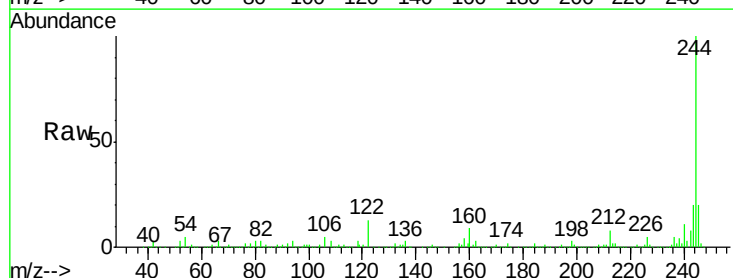
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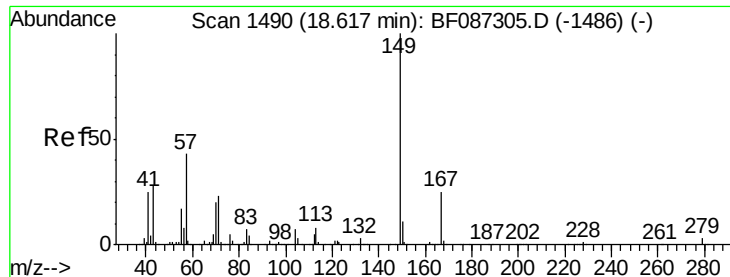
Tgt Ion:240 Resp: 344198
 Ion Ratio Lower Upper
 240 100
 120 9.2 11.2 16.8#
 236 26.1 21.2 31.8



#78
 Terphenyl-d14
 Concen: 66.93 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF087337.D
 Acq: 24 May 2016 12:21

Tgt Ion:244 Resp: 1083643
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 13.2 12.0 18.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.55 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

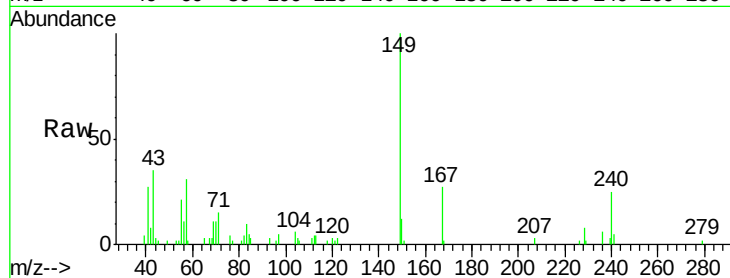
Tgt Ion:149 Resp: 40854

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

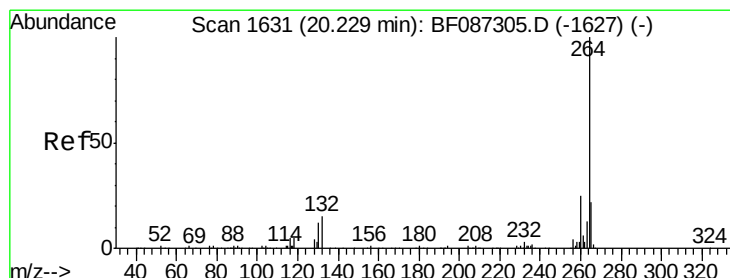
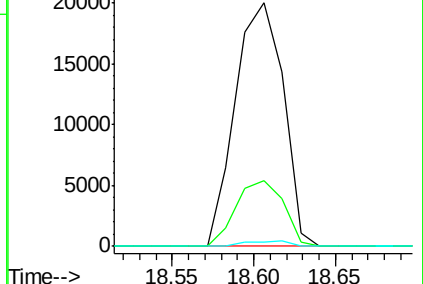
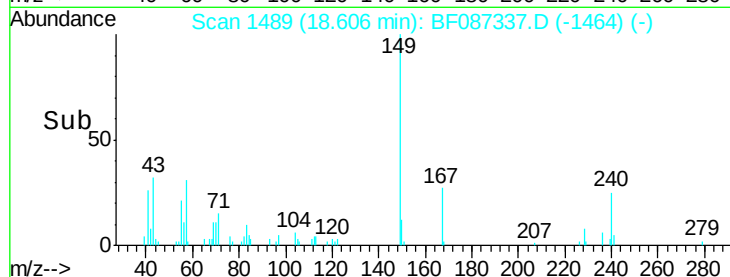
279 1.6 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087337.D

Acq: 24 May 2016 12:21

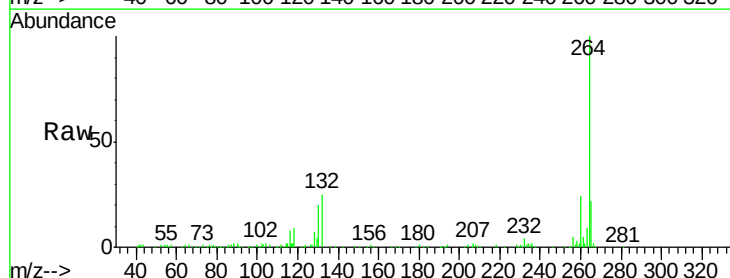
Tgt Ion:264 Resp: 265591

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.7 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

