

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087636.D
 Acq On : 2 Jun 2016 2:03
 Operator : UM/SJ
 Sample : H3349-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Quant Time: Jun 02 03:50:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 02:13:57 2016
 Response via : Initial Calibration

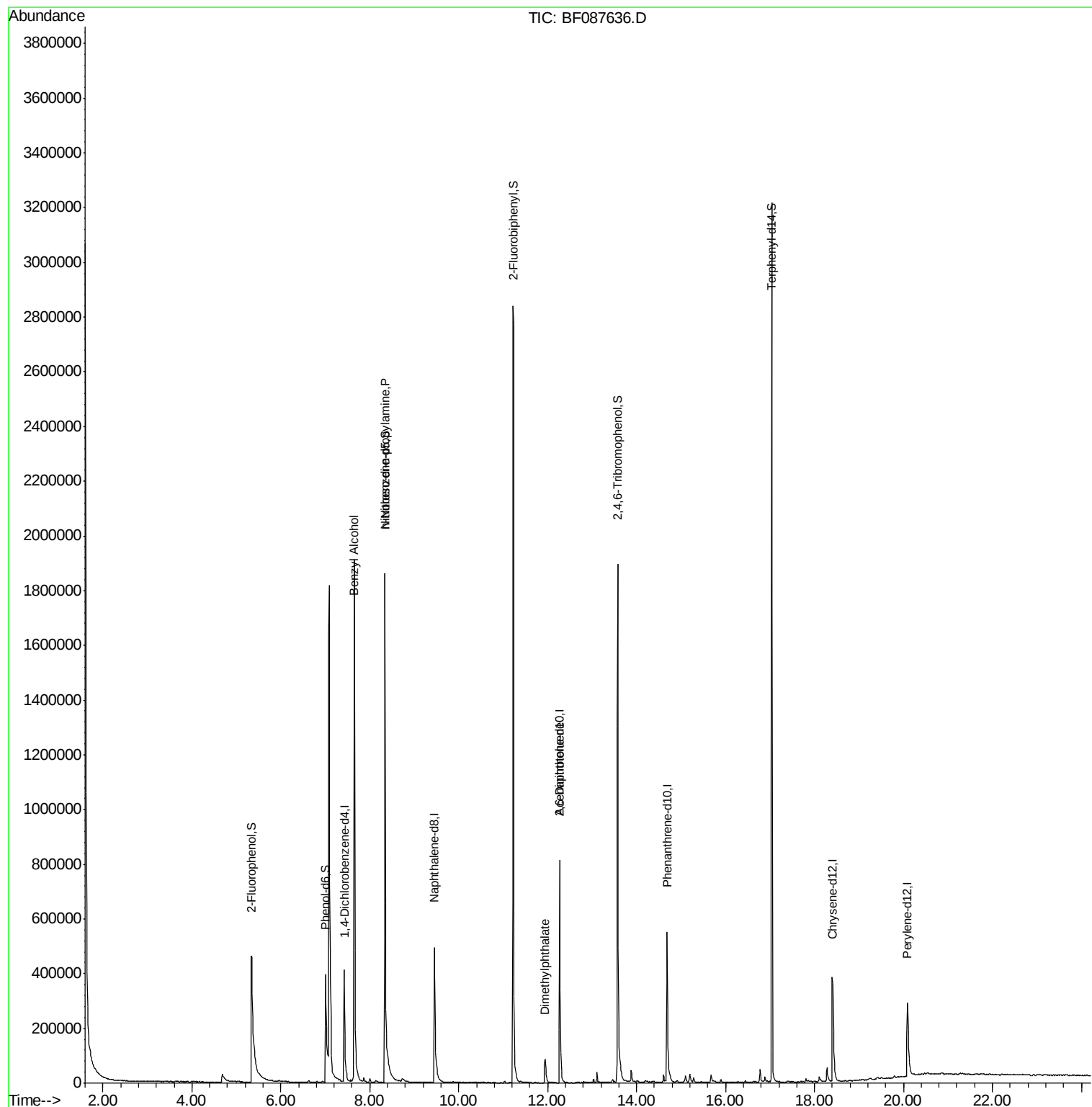
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	114808	20.00	ng	0.01
21) Naphthalene-d8	9.45	136	468290	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	216160	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	403560	20.00	ng	0.00
75) Chrysene-d12	18.41	240	294094	20.00	ng	0.01
86) Perylene-d12	20.09	264	216651	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	409434	62.66	ng	0.03
7) Phenol-d6	7.00	99	349637	39.60	ng	0.00
23) Nitrobenzene-d5	8.34	82	895253	96.35	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	321140	154.60	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1490034	97.18	ng	0.00
78) Terphenyl-d14	17.04	244	1342234	97.03	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.64	79	15918	2.47	ng	# 48
19) n-Nitroso-di-n-propylamine	8.34	70	119046	18.08	ng	# 75
49) Dimethylphthalate	11.94	163	82819	4.78	ng	98
50) 2,6-Dinitrotoluene	12.27	165	25389	7.28	ng	# 20

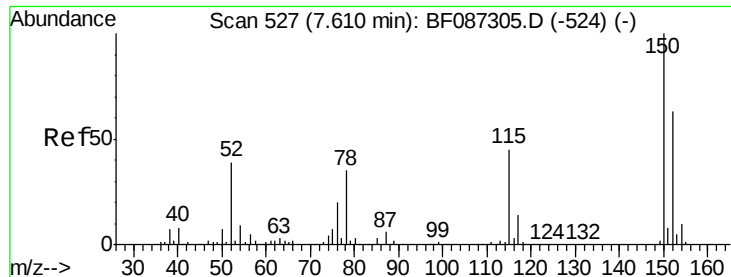
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 02 02:13:57 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

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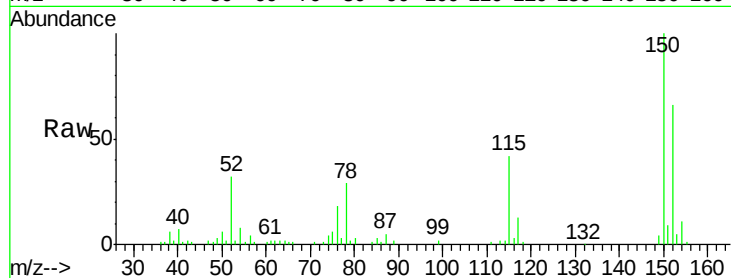
Tgt Ion:152 Resp: 114808

Ion Ratio Lower Upper

152 100

150 151.9 125.8 188.6

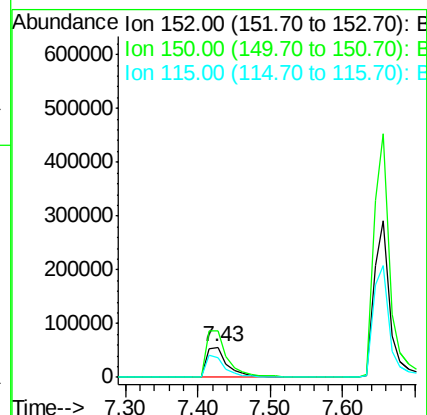
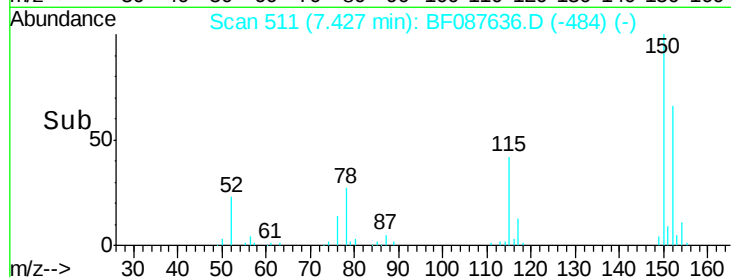
115 64.0 51.5 77.3



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: 62.66 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.03 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

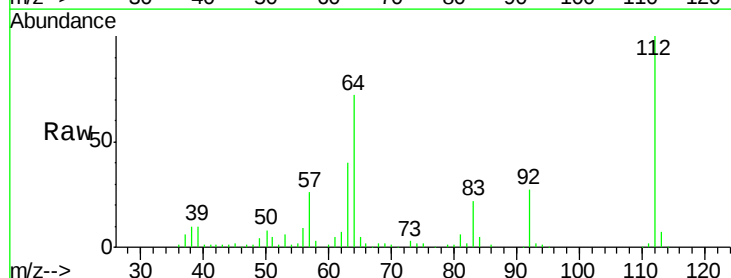
Tgt Ion:112 Resp: 409434

Ion Ratio Lower Upper

112 100

64 71.6 52.1 78.1

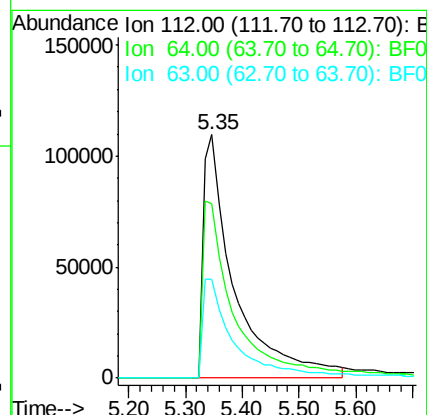
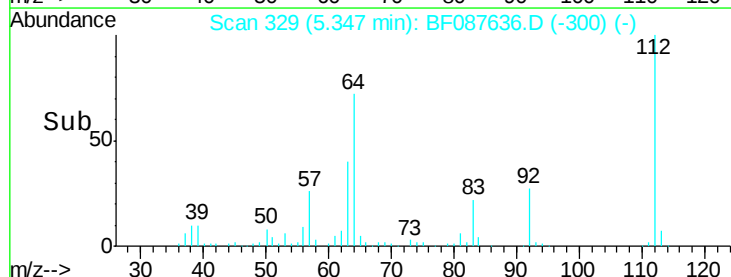
63 40.4 25.7 38.5



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: 39.60 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

Instrument :

BNA_F

ClientSampled :

W-22

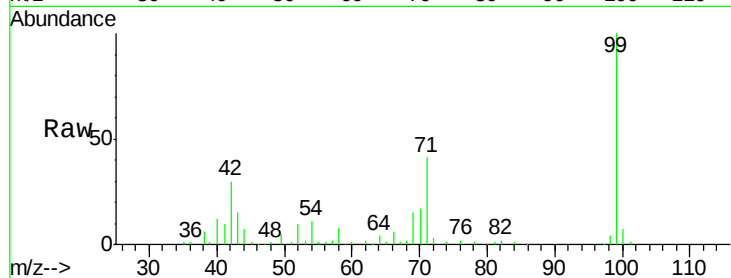
Tgt Ion: 99 Resp: 349637

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

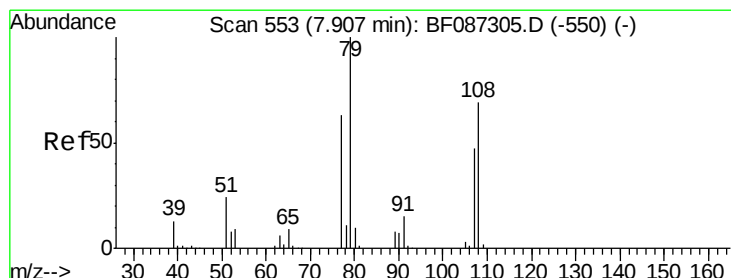
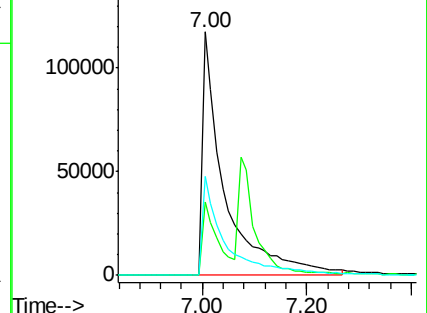
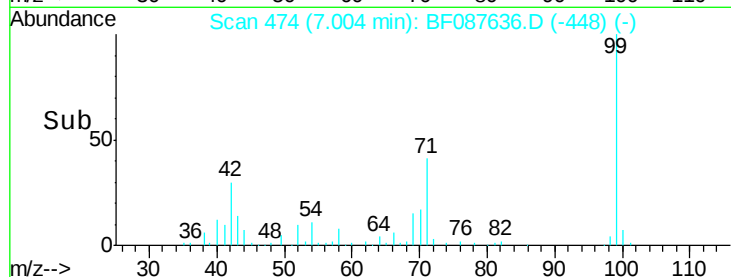
71 40.7 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.09 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

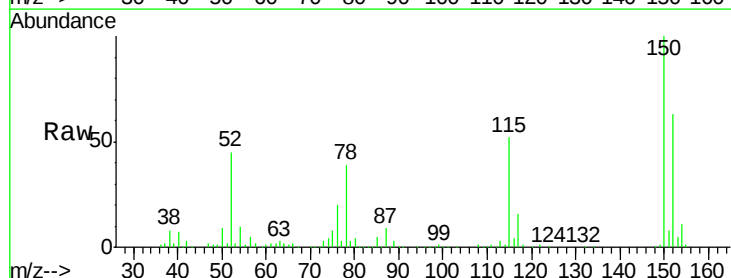
Tgt Ion: 79 Resp: 15918

Ion Ratio Lower Upper

79 100

108 29.7 68.4 102.6#

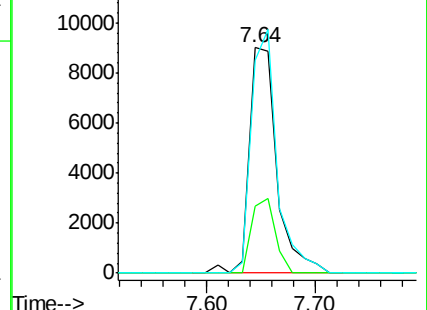
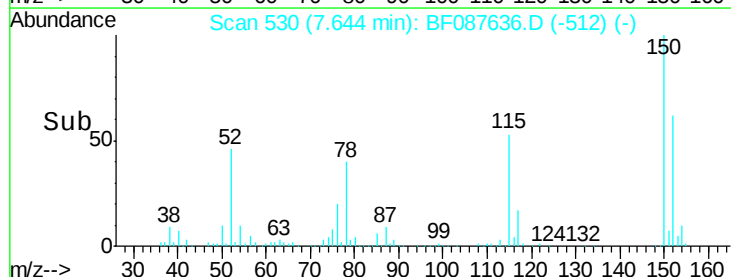
77 94.4 50.6 76.0#

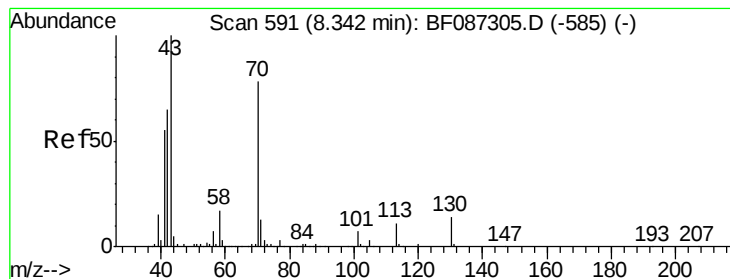


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.08 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.17 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 119046

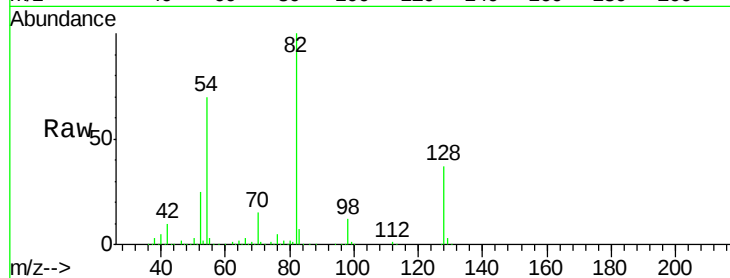
Ion Ratio Lower Upper

70 100

42 65.3 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

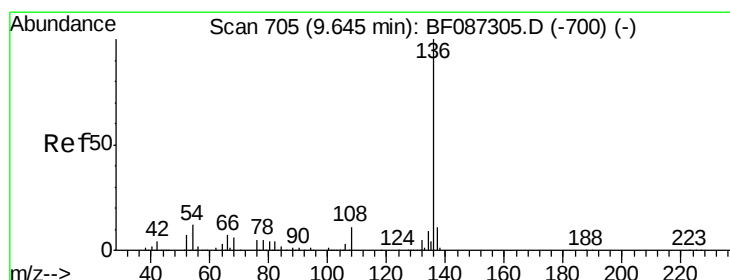
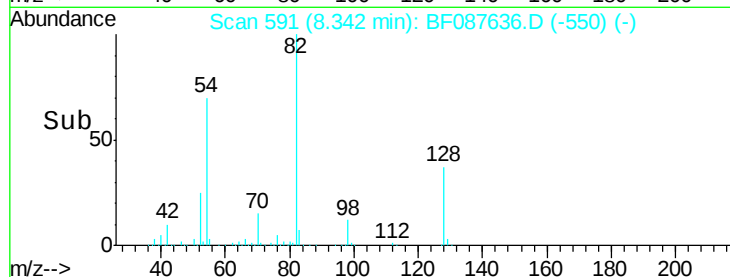
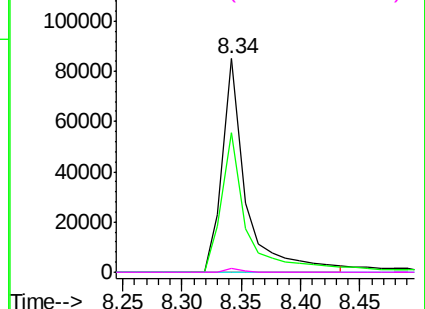


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

Tgt Ion: 136 Resp: 468290

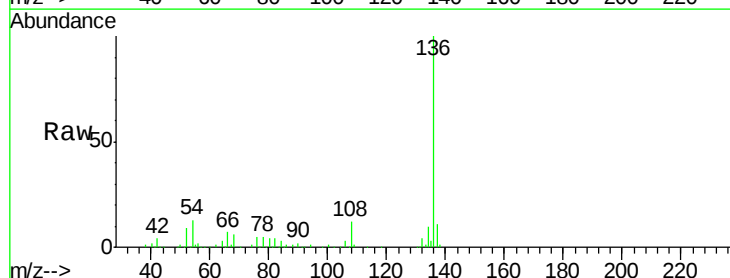
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 13.2 5.0 7.4#

68 6.0 4.4 6.6

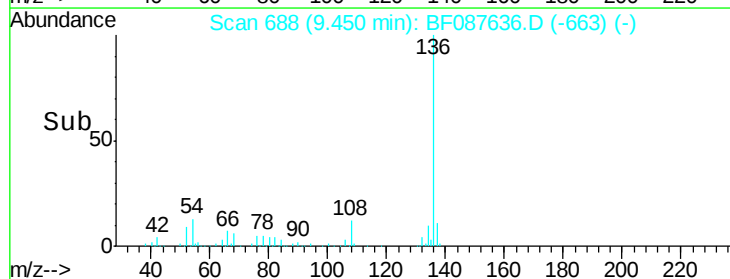
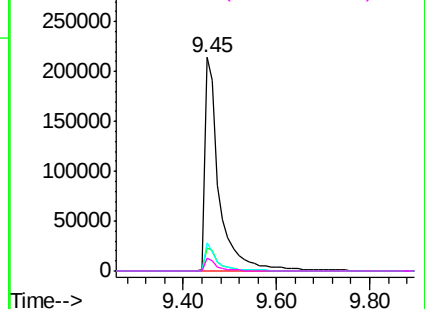


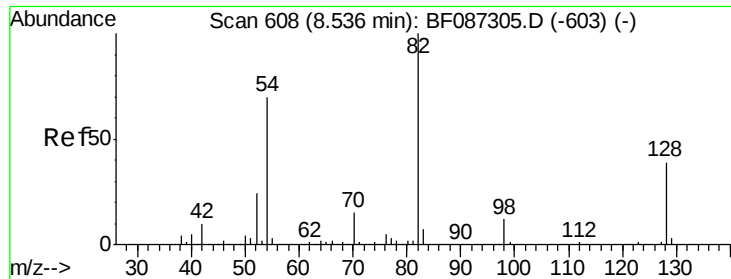
Abundance Ion 136.00 (135.70 to 136.70): E

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

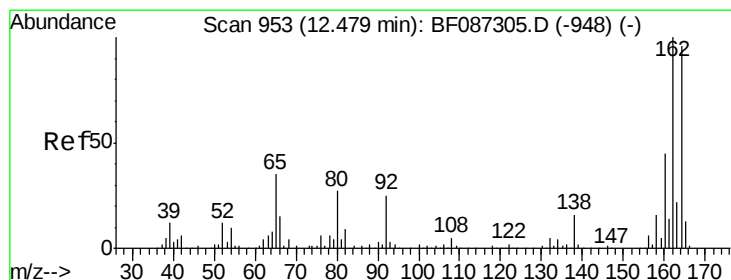
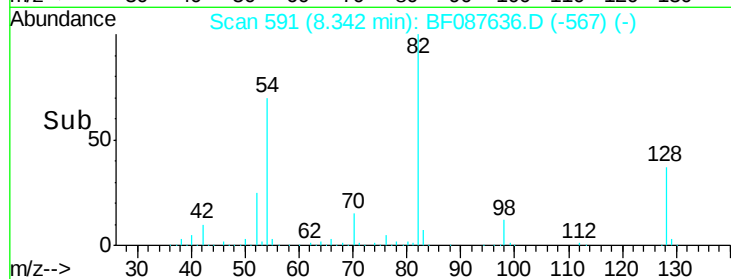
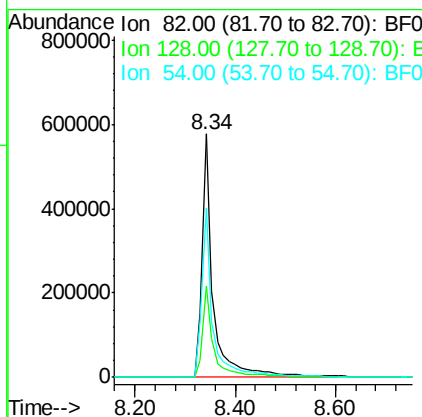
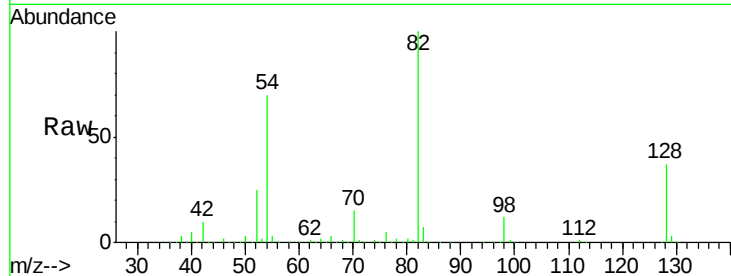




#23
 Nitrobenzene-d5
 Concen: 96.35 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087636.D
 Acq: 2 Jun 2016 2:03

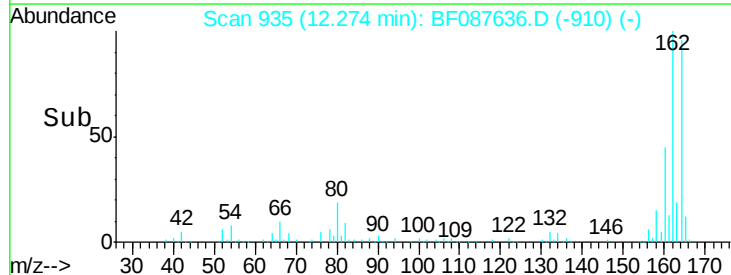
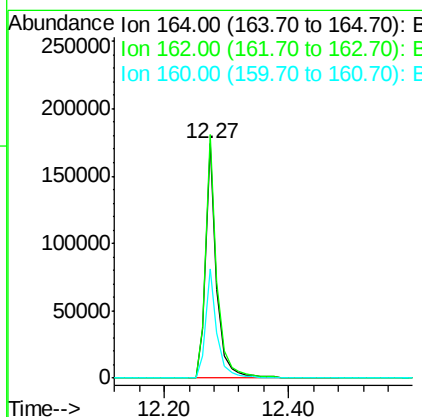
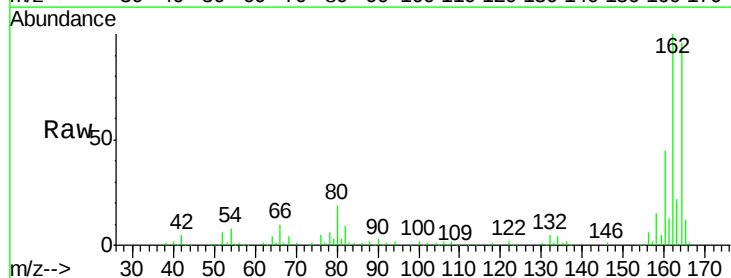
Instrument :
 BNA_F
 ClientSampleId :
 W-22

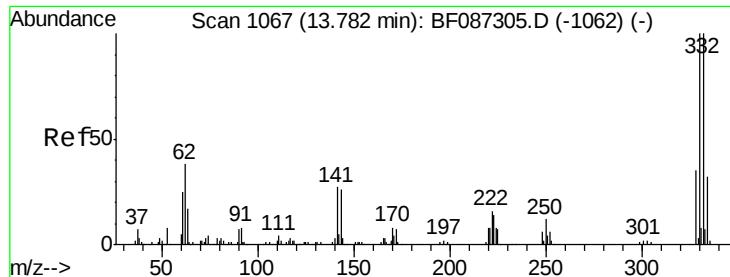
Tgt Ion: 82 Resp: 895253
 Ion Ratio Lower Upper
 82 100
 128 37.4 40.6 61.0#
 54 69.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF087636.D
 Acq: 2 Jun 2016 2:03

Tgt Ion: 164 Resp: 216160
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 46.8 36.9 55.3

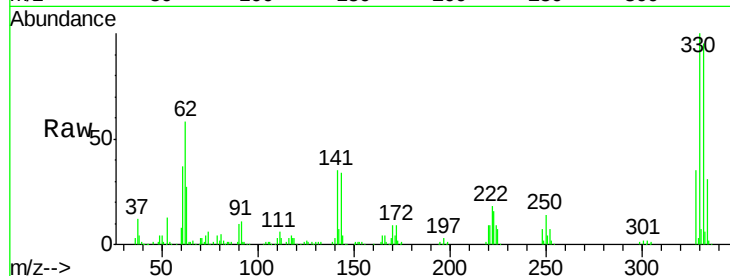




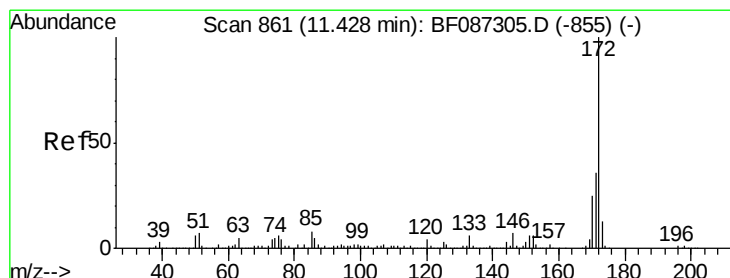
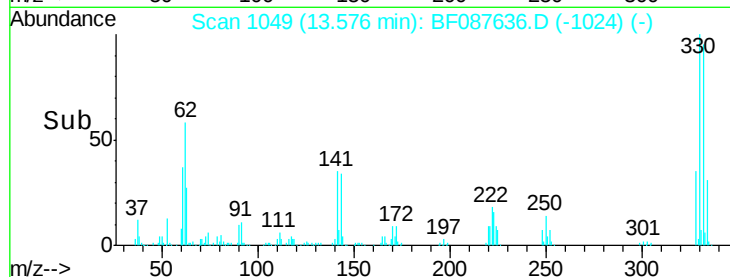
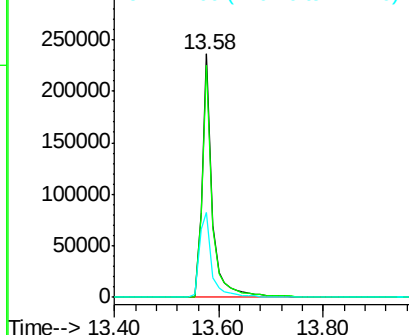
#41
 2,4,6-Tribromophenol
 Concen: 154.60 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF087636.D
 Acq: 2 Jun 2016 2:03

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Tgt Ion:330 Resp: 321140
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 43.0 31.2 46.8

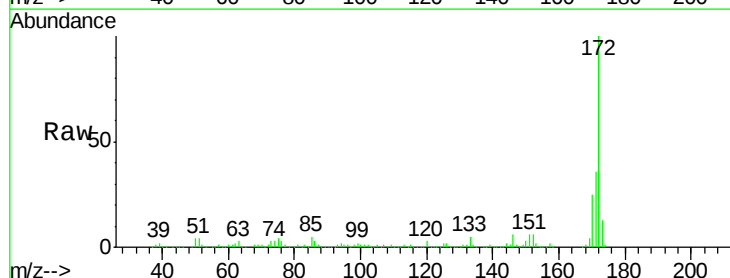


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

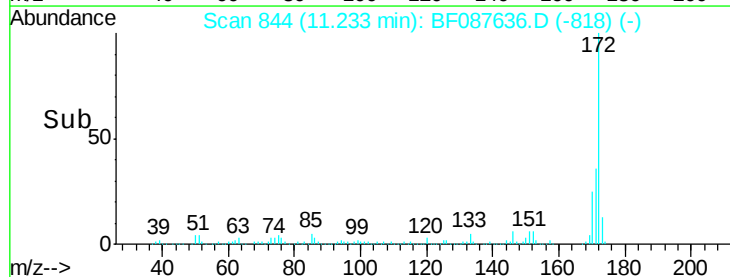
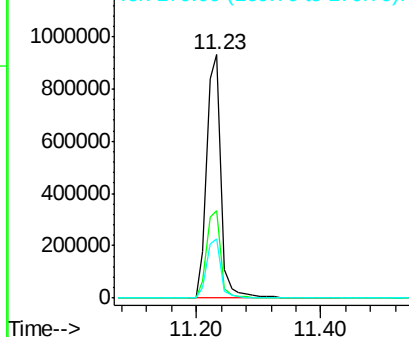


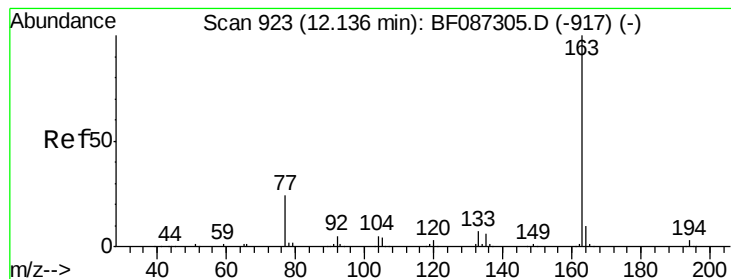
#44
 2-Fluorobiphenyl
 Concen: 97.18 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF087636.D
 Acq: 2 Jun 2016 2:03

Tgt Ion:172 Resp: 1490034
 Ion Ratio Lower Upper
 172 100
 171 35.8 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: 4.78 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

W-22

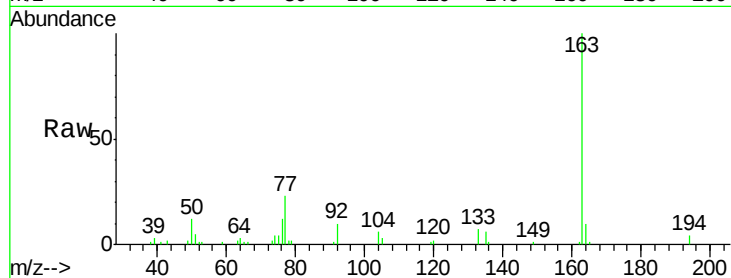
Tgt Ion:163 Resp: 82819

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

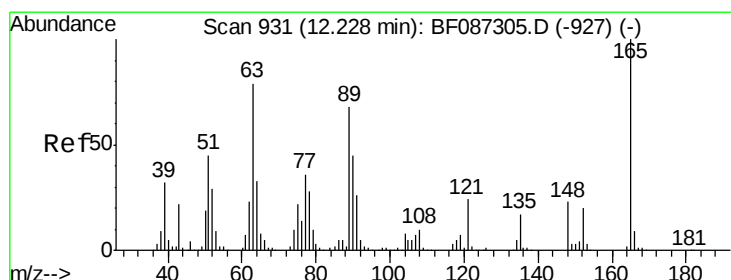
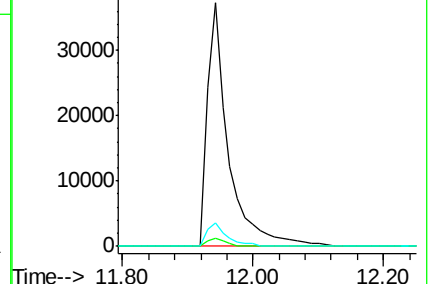
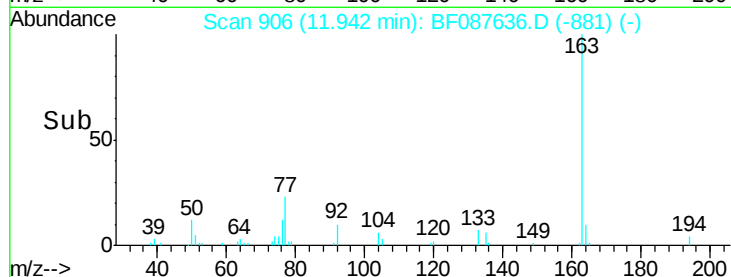
164 9.5 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.28 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.22 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

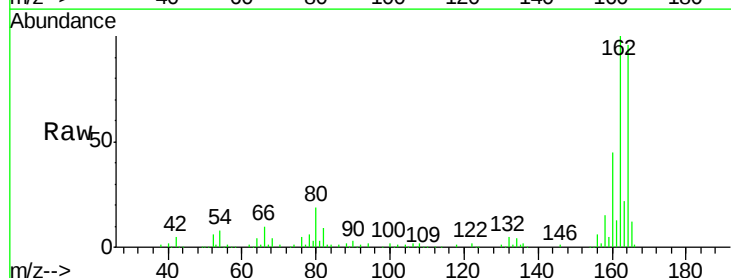
Tgt Ion:165 Resp: 25389

Ion Ratio Lower Upper

165 100

63 1.9 51.8 77.8#

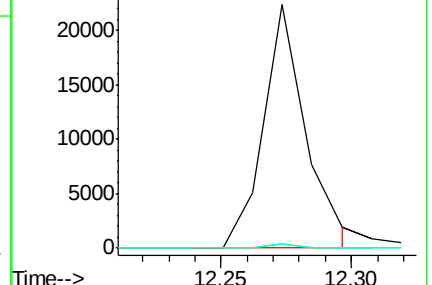
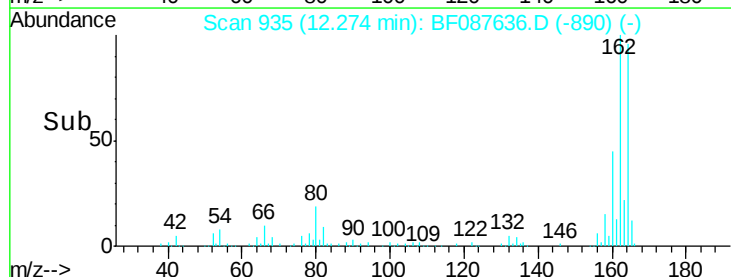
89 1.7 50.7 76.1#

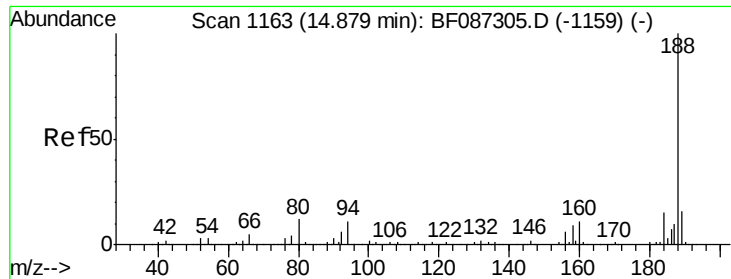


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

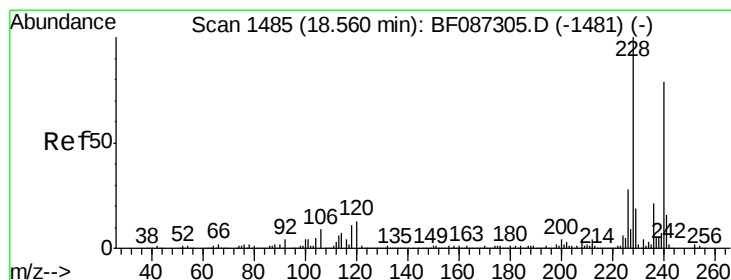
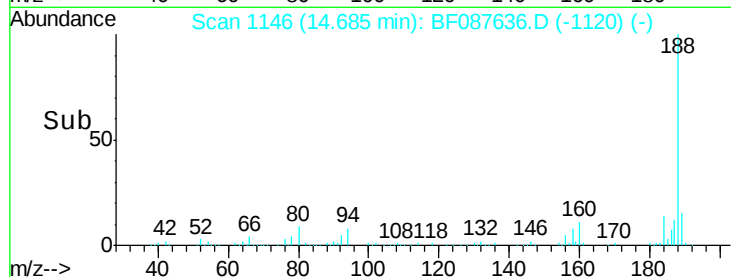
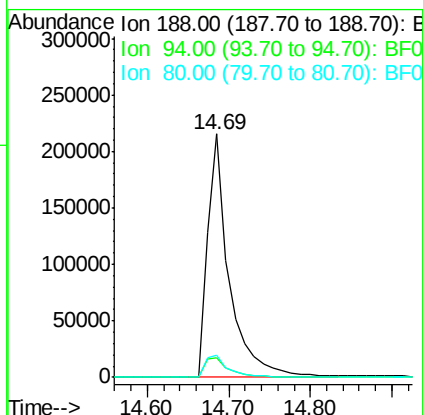
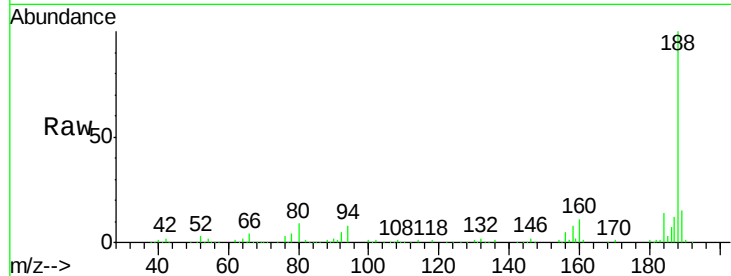




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087636.D
Acq: 2 Jun 2016 2:03

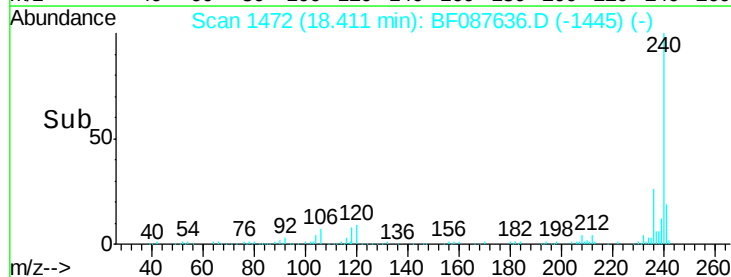
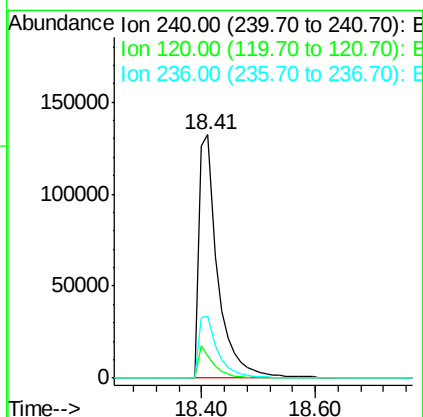
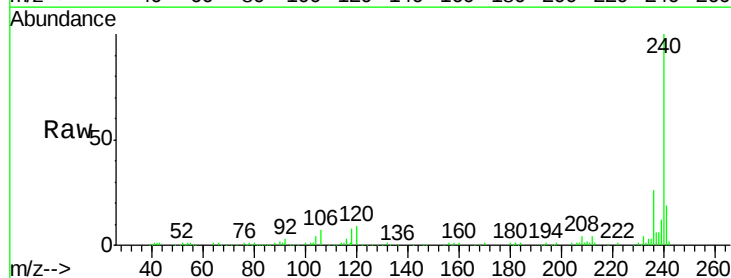
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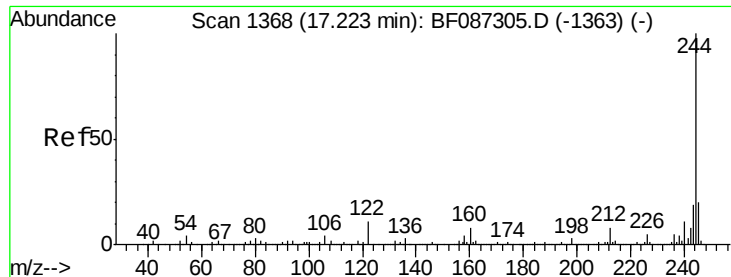
Tgt Ion:188 Resp: 403560
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.9 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF087636.D
Acq: 2 Jun 2016 2:03

Tgt Ion:240 Resp: 294094
Ion Ratio Lower Upper
240 100
120 9.3 11.2 16.8#
236 25.6 21.2 31.8





#78

Terphenyl-d14

Concen: 97.03 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

Instrument :

BNA_F

ClientSampleId :

W-22

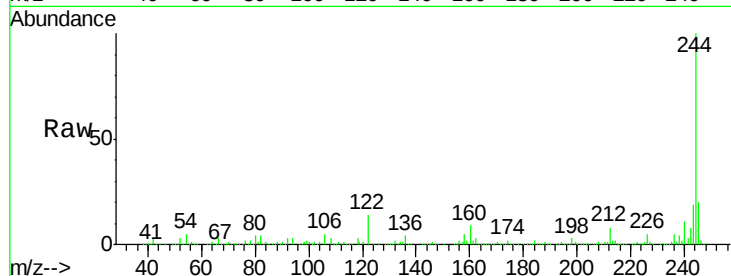
Tgt Ion:244 Resp: 1342234

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

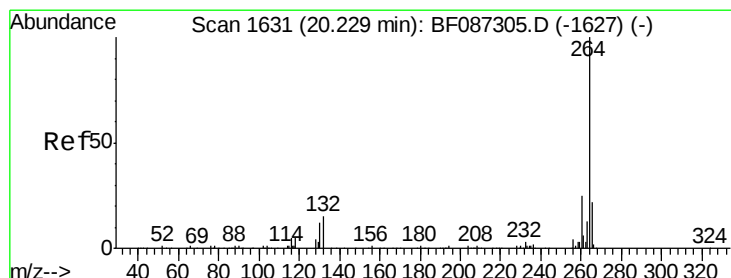
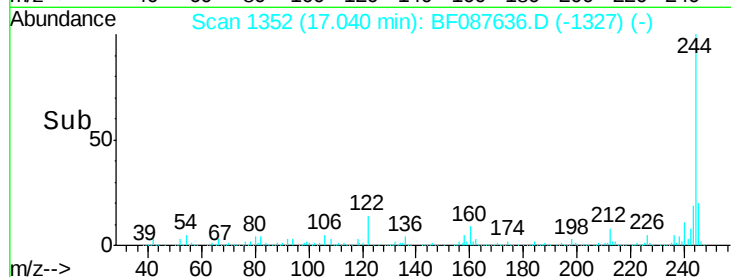
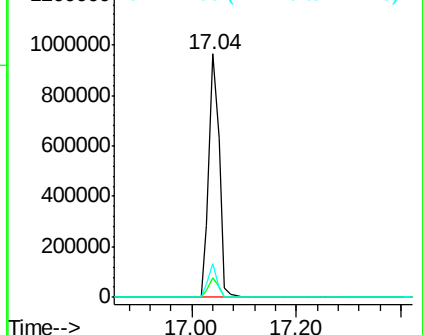
122 13.9 12.0 18.0



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: 20.09 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF087636.D

Acq: 2 Jun 2016 2:03

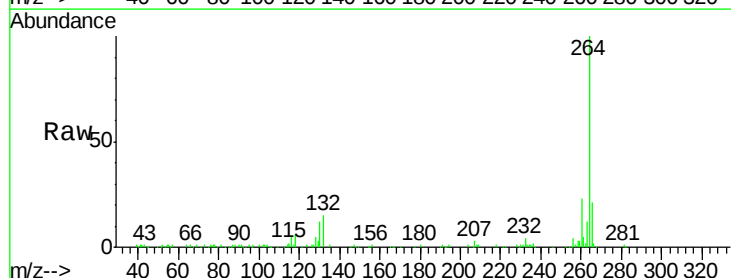
Tgt Ion:264 Resp: 216651

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 20.8 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

