

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087637.D
 Acq On : 2 Jun 2016 2:37
 Operator : UM/SJ
 Sample : H3349-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: Jun 02 03:50:11 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

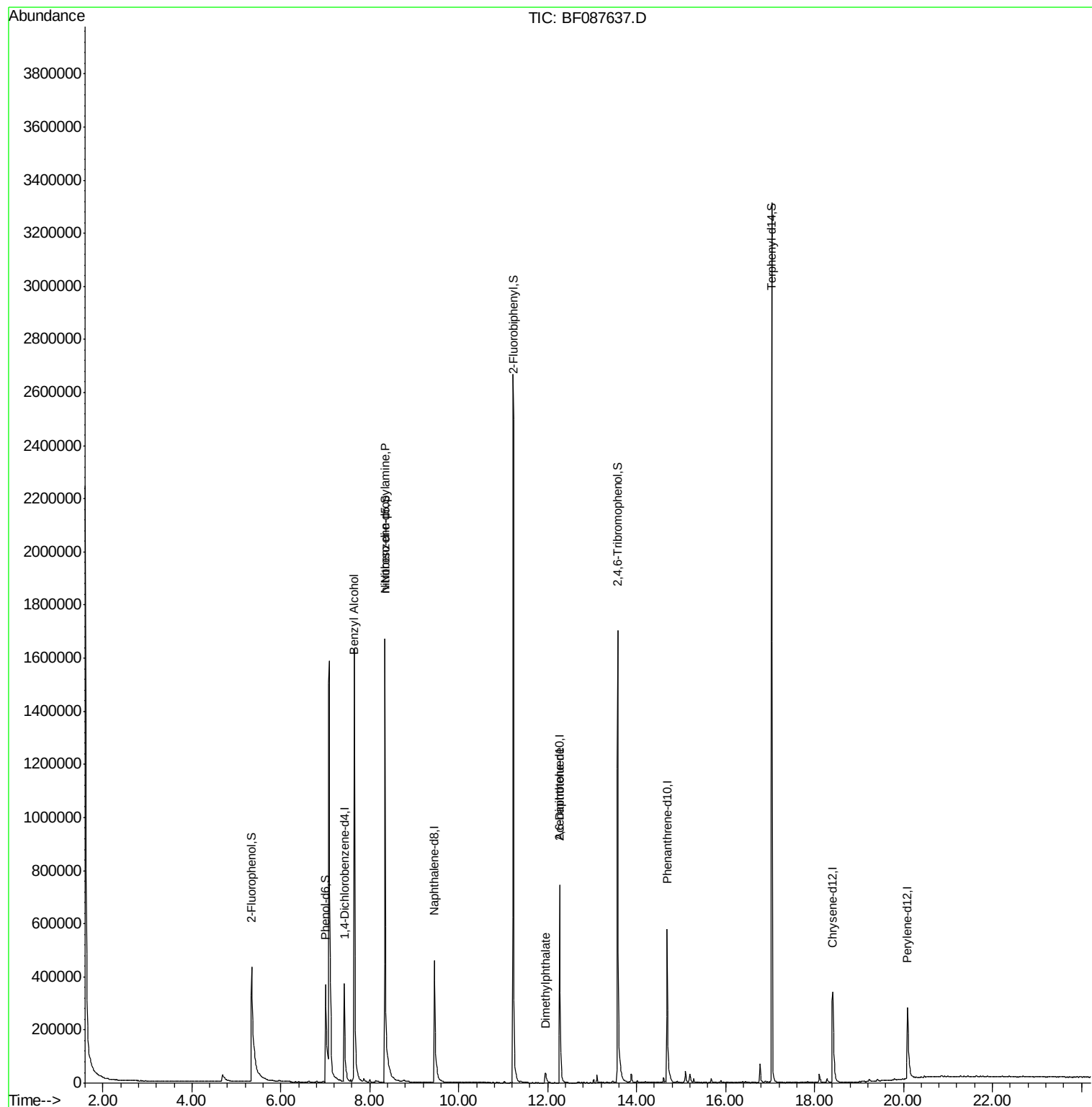
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	110186	20.00	ng	0.01
21) Naphthalene-d8	9.45	136	453156	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	205901	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	387781	20.00	ng	0.00
75) Chrysene-d12	18.41	240	281995	20.00	ng	0.01
86) Perylene-d12	20.09	264	205118	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	385507	61.48	ng	0.03
7) Phenol-d6	7.00	99	341122	40.26	ng	0.00
23) Nitrobenzene-d5	8.34	82	822634	91.49	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	295717	149.45	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1386549	94.94	ng	0.00
78) Terphenyl-d14	17.04	244	1346478	101.51	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.64	79	13653	2.21	ng	# 48
19) n-Nitroso-di-n-propylamine	8.34	70	108319	17.14	ng	# 72
49) Dimethylphthalate	11.95	163	41290	2.50	ng	98
50) 2,6-Dinitrotoluene	12.27	165	24355	7.33	ng	# 20

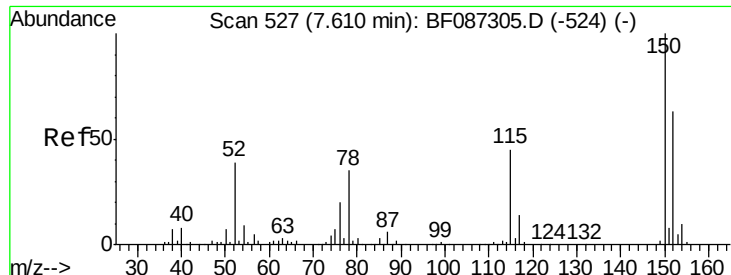
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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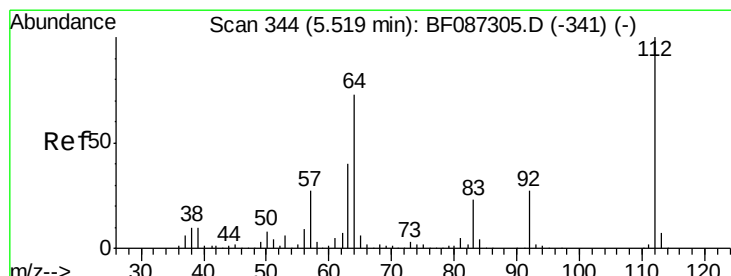
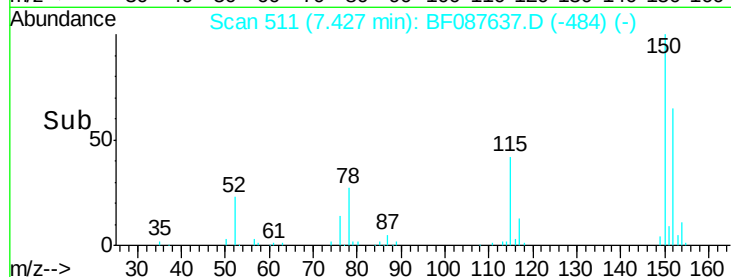
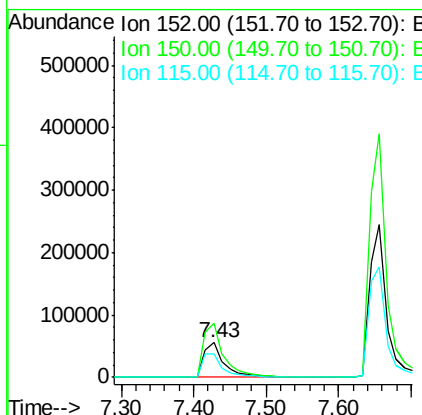
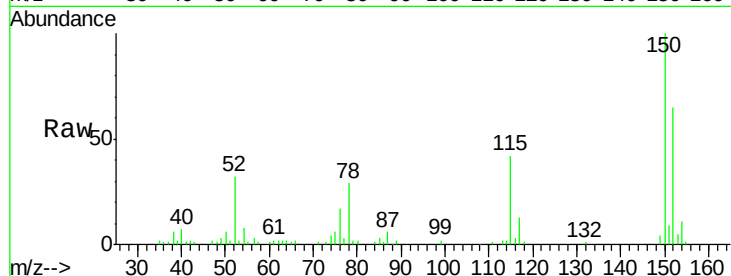


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF087637.D
Acq: 2 Jun 2016 2:37

Instrument :
BNA_F
ClientSampleId :
W-21

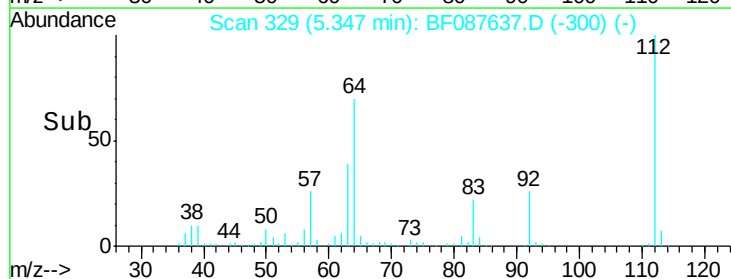
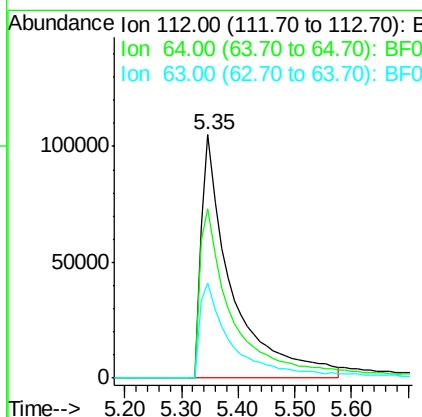
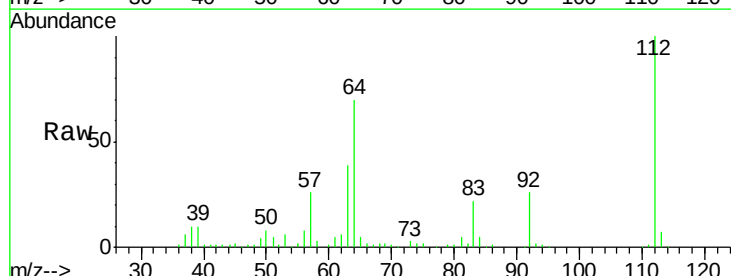
Tgt Ion:152 Resp: 110186
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 65.5 51.5 77.3

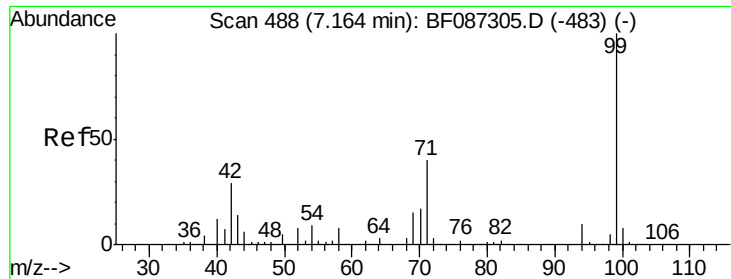


#5

2-Fluorophenol
Concen: 61.48 ng
RT: 5.35 min Scan# 329
Delta R.T. 0.03 min
Lab File: BF087637.D
Acq: 2 Jun 2016 2:37

Tgt Ion:112 Resp: 385507
Ion Ratio Lower Upper
112 100
64 69.8 52.1 78.1
63 38.9 25.7 38.5#





#7

Phenol-d6

Concen: 40.26 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087637.D

Acq: 2 Jun 2016 2:37

Instrument :

BNA_F

ClientSampleId :

W-21

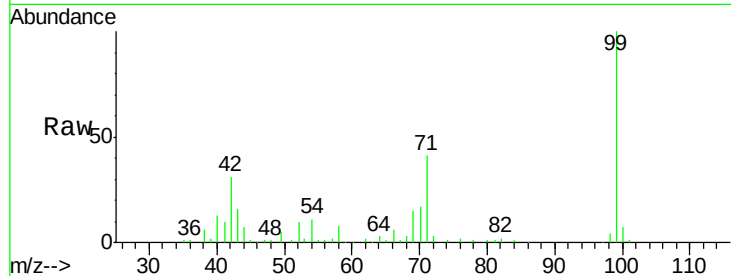
Tgt Ion: 99 Resp: 341122

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

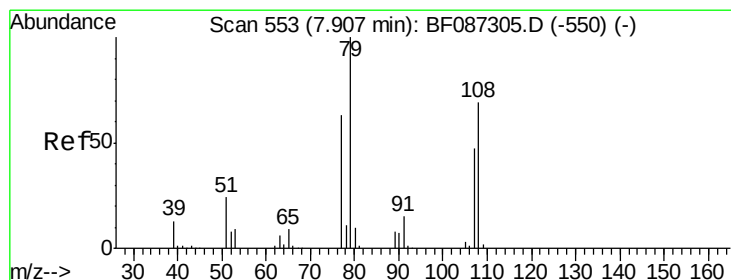
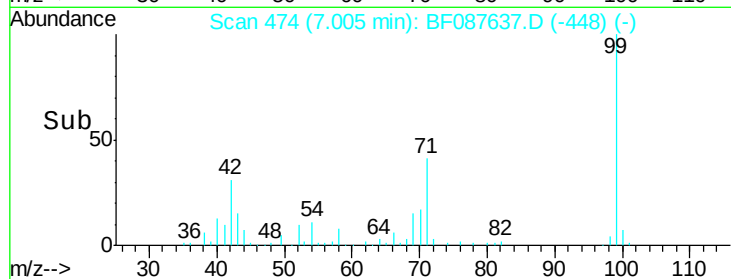
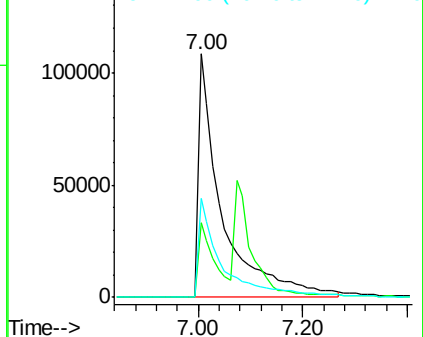
71 40.6 24.6 36.8#



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: 2.21 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.09 min

Lab File: BF087637.D

Acq: 2 Jun 2016 2:37

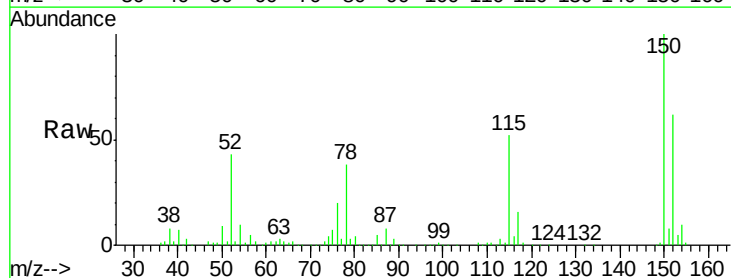
Tgt Ion: 79 Resp: 13653

Ion Ratio Lower Upper

79 100

108 29.6 68.4 102.6#

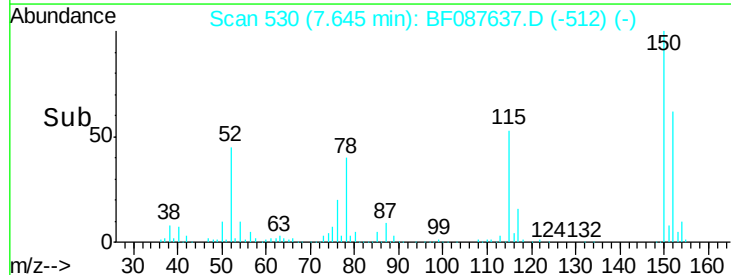
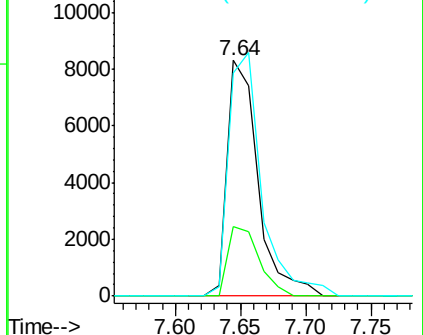
77 94.8 50.6 76.0#

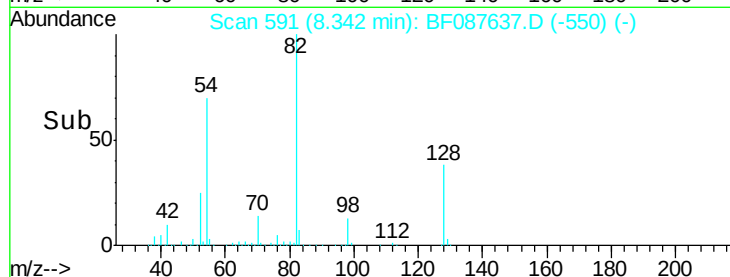
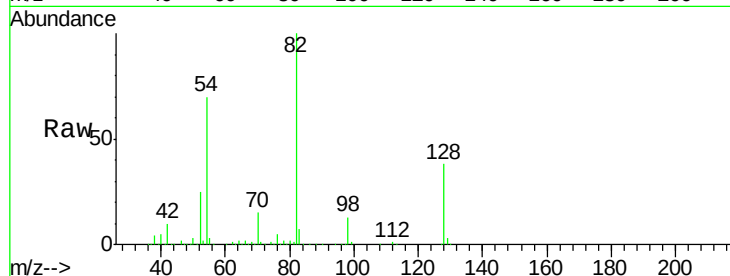
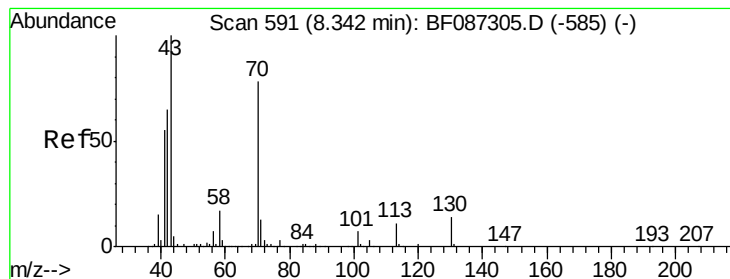


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.14 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.17 min

Lab File: BF087637.D

Acq: 2 Jun 2016 2:37

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 108319

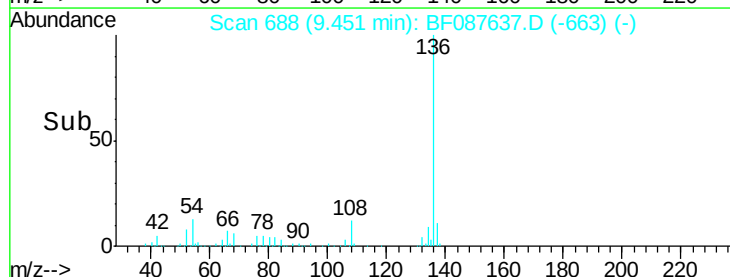
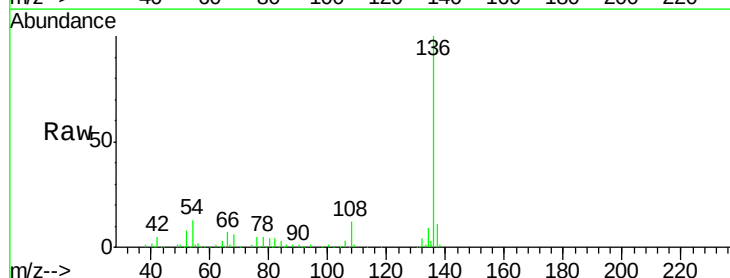
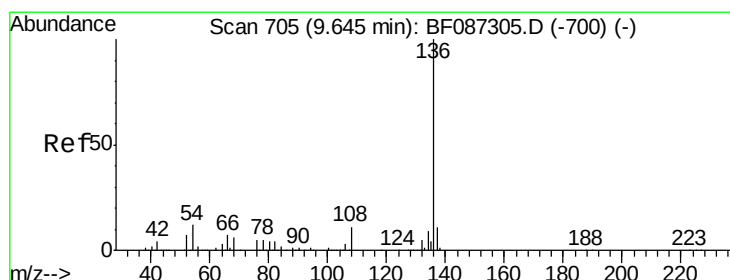
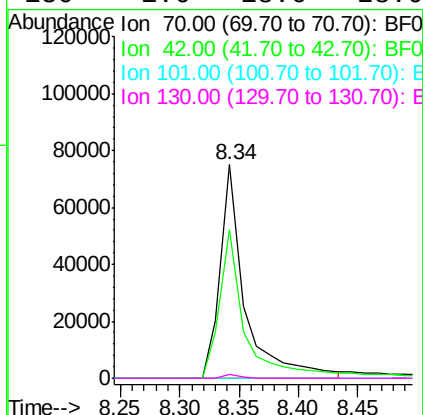
Ion Ratio Lower Upper

70 100

42 69.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087637.D

Acq: 2 Jun 2016 2:37

Tgt Ion: 136 Resp: 453156

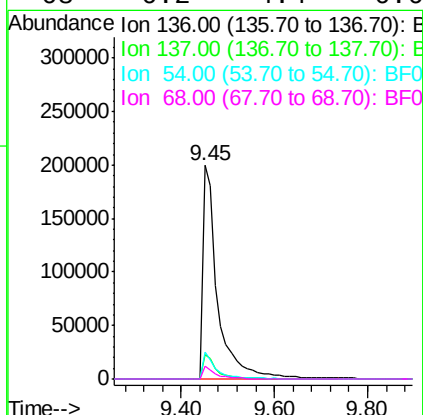
Ion Ratio Lower Upper

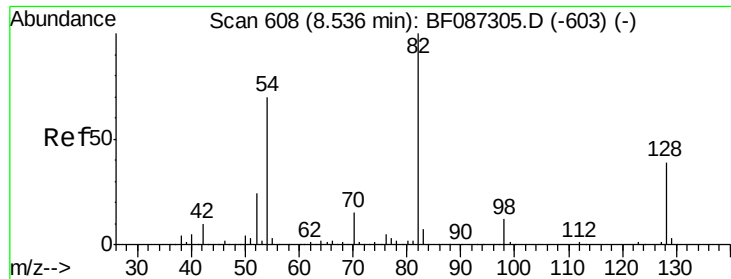
136 100

137 11.2 8.8 13.2

54 12.8 5.0 7.4#

68 6.2 4.4 6.6

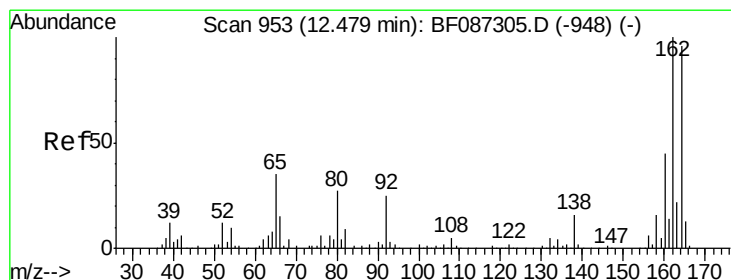
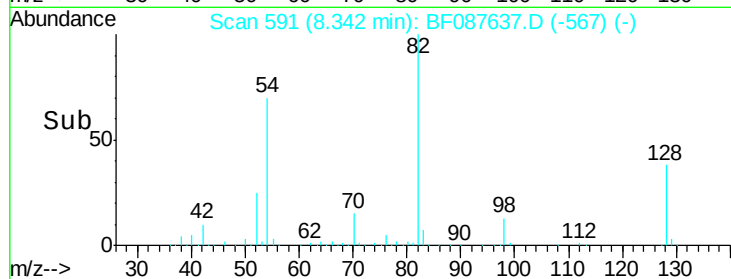
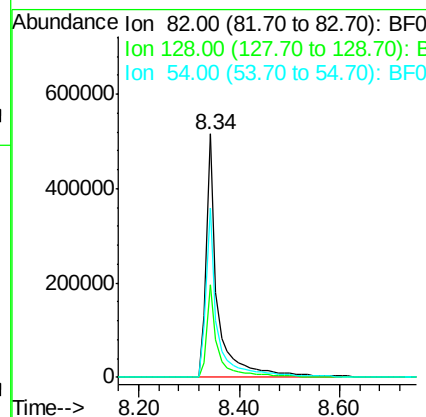
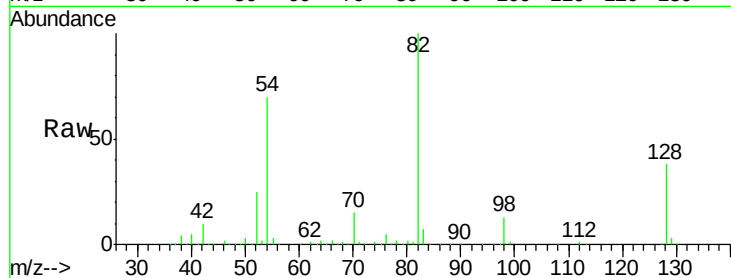




#23
 Nitrobenzene-d5
 Concen: 91.49 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: BF087637.D
 Acq: 2 Jun 2016 2:37

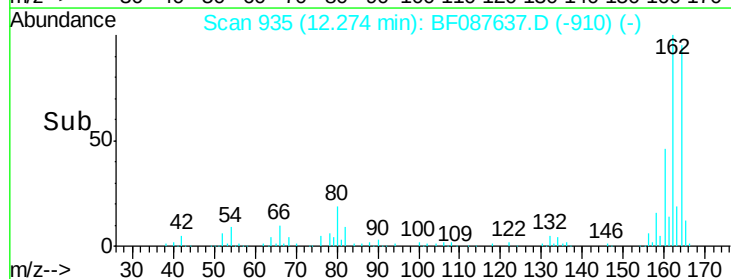
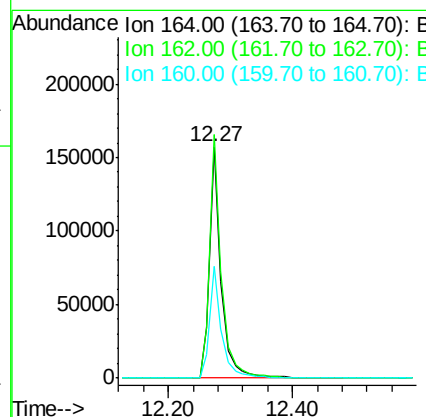
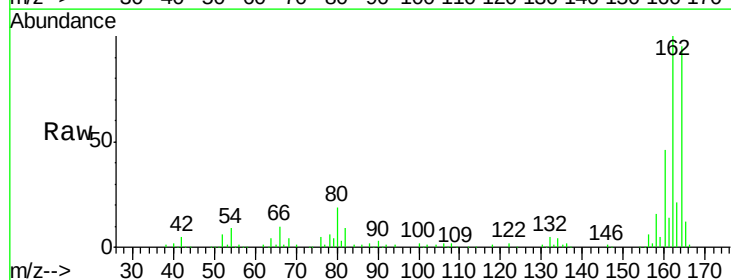
Instrument :
 BNA_F
 ClientSampleId :
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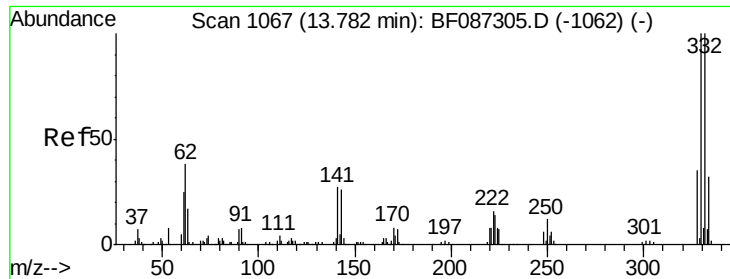
Tgt Ion: 82 Resp: 822634
 Ion Ratio Lower Upper
 82 100
 128 37.9 40.6 61.0#
 54 69.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF087637.D
 Acq: 2 Jun 2016 2:37

Tgt Ion: 164 Resp: 205901
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.8 124.2
 160 48.4 36.9 55.3

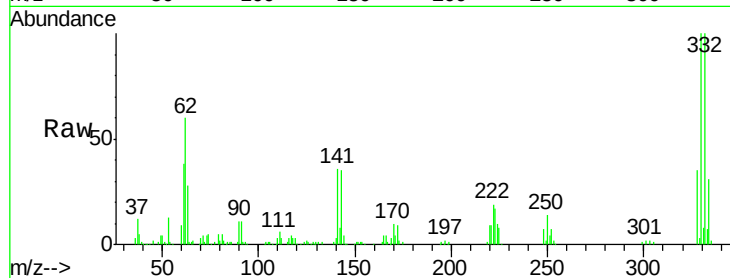




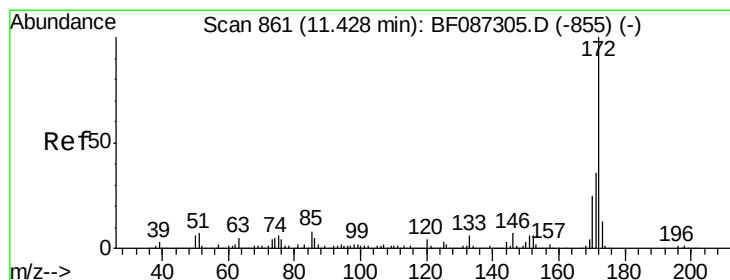
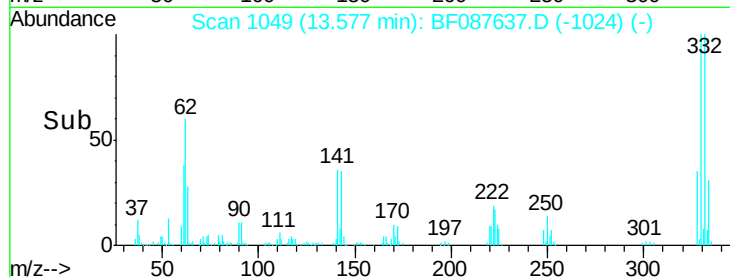
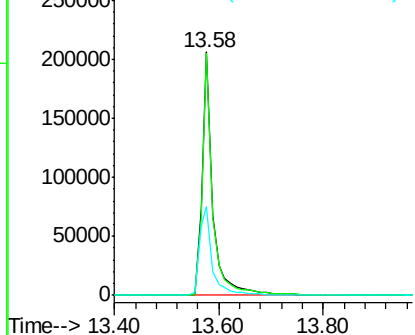
#41
 2,4,6-Tribromophenol
 Concen: 149.45 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF087637.D
 Acq: 2 Jun 2016 2:37

Instrument :
 BNA_F
 ClientSampled :
 W-21

Tgt Ion:330 Resp: 295717
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 44.1 31.2 46.8

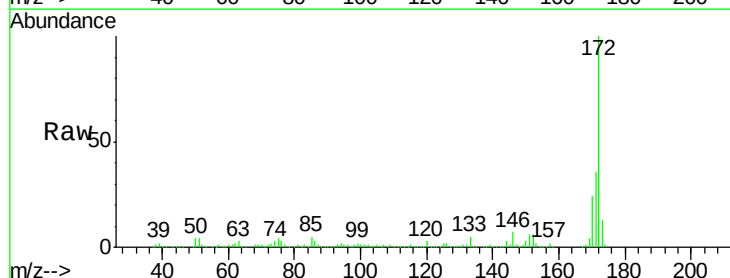


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

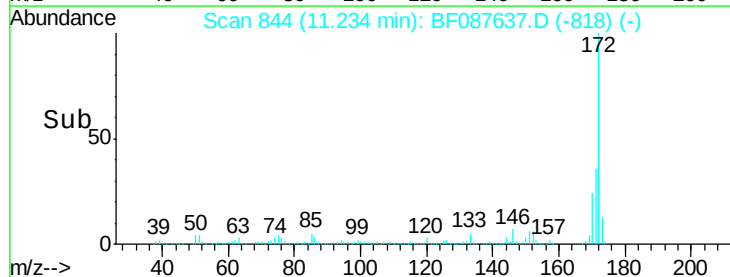
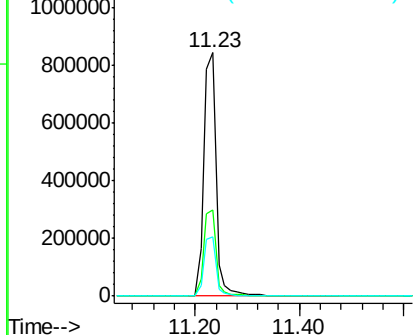


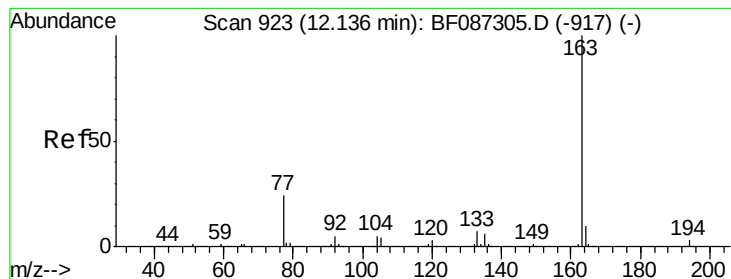
#44
 2-Fluorobiphenyl
 Concen: 94.94 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF087637.D
 Acq: 2 Jun 2016 2:37

Tgt Ion:172 Resp: 1386549
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.1 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: 2.50 ng

RT: 11.95 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF087637.D

Acq: 2 Jun 2016 2:37

Instrument :

BNA_F

ClientSampleId :

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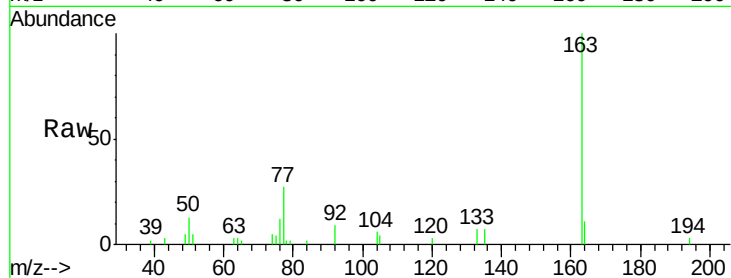
Tgt Ion:163 Resp: 41290

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

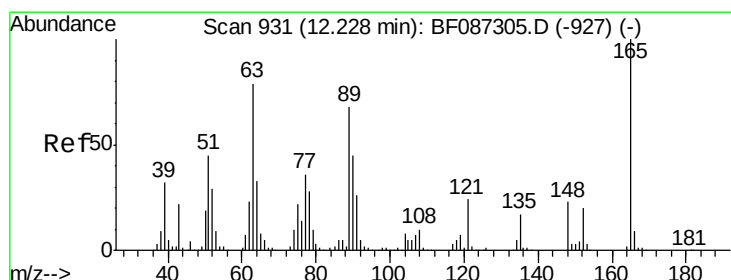
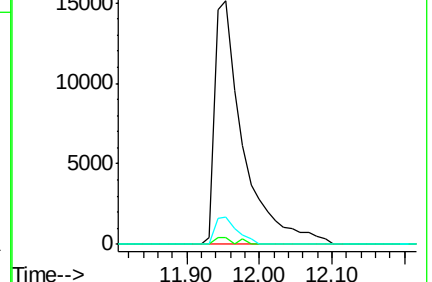
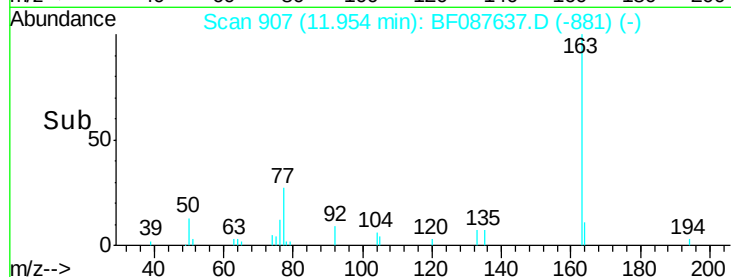
164 11.4 8.2 12.4



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: 7.33 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.22 min

Lab File: BF087637.D

Acq: 2 Jun 2016 2:37

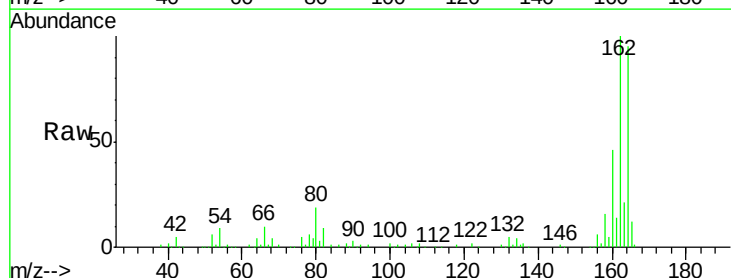
Tgt Ion:165 Resp: 24355

Ion Ratio Lower Upper

165 100

63 1.8 51.8 77.8#

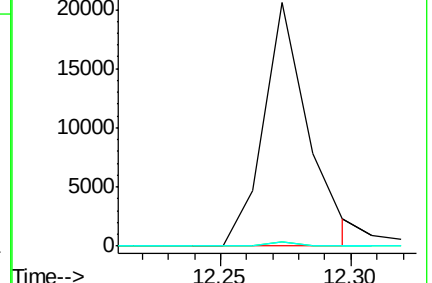
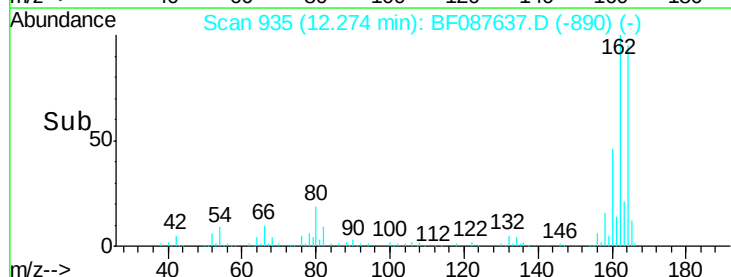
89 1.8 50.7 76.1#

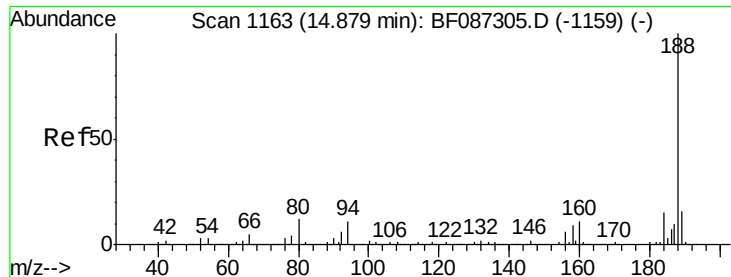


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

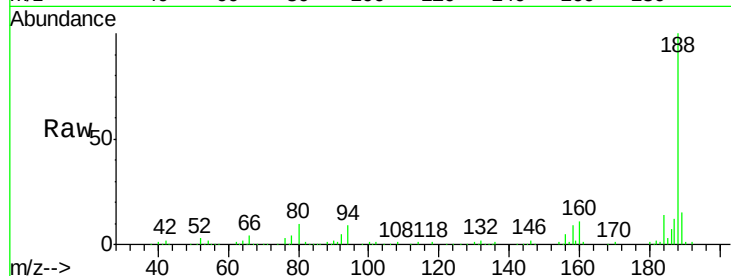




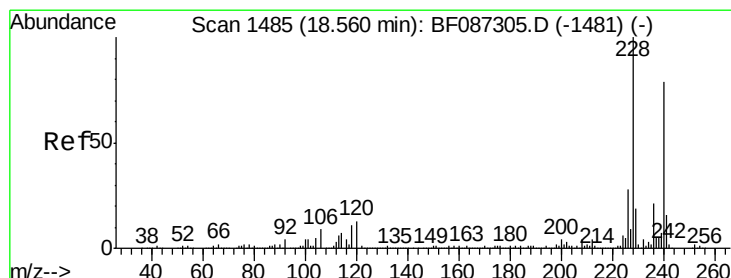
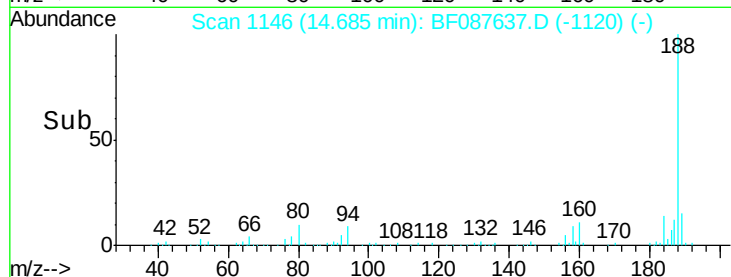
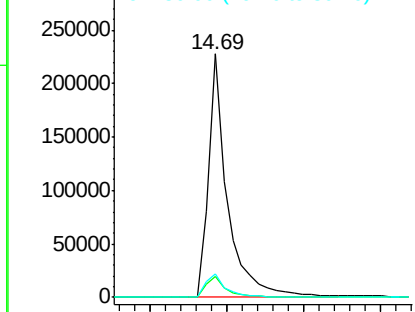
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087637.D
Acq: 2 Jun 2016 2:37

Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 387781
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.5 7.1 10.7

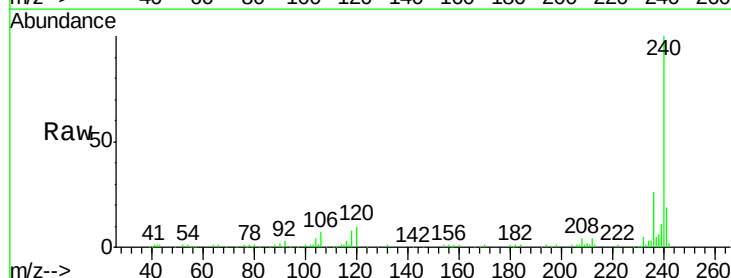


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

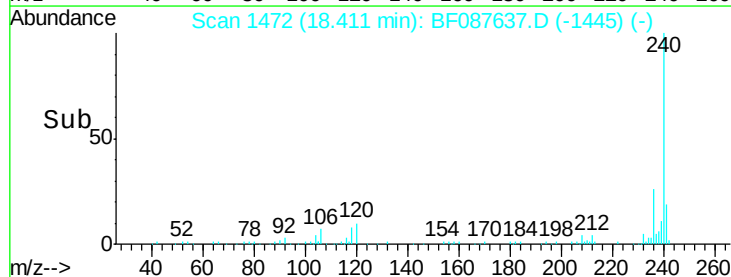
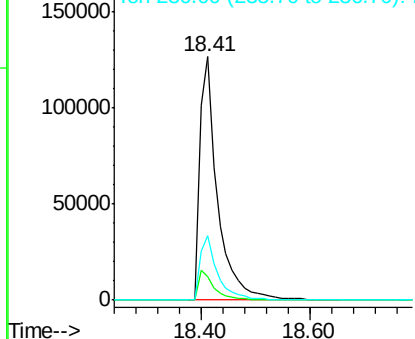


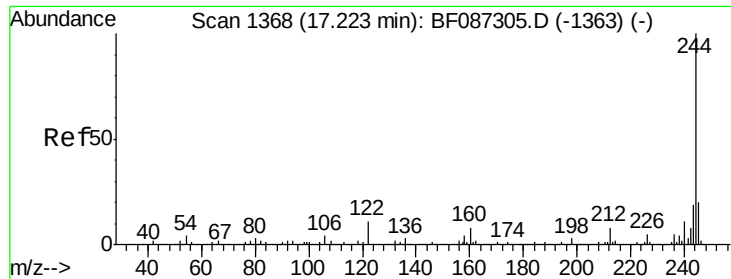
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF087637.D
Acq: 2 Jun 2016 2:37

Tgt Ion:240 Resp: 281995
Ion Ratio Lower Upper
240 100
120 9.7 11.2 16.8#
236 26.4 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: 101.51 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF087637.D

Acq: 2 Jun 2016 2:37

Instrument :

BNA_F

ClientSampleId :

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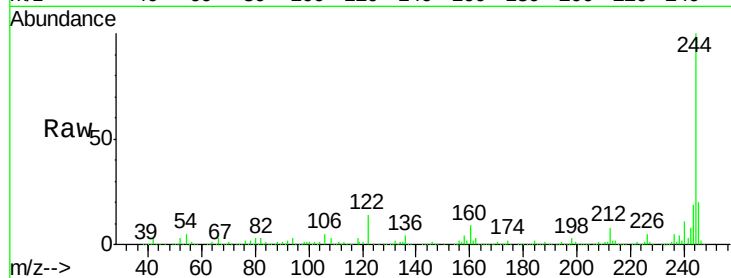
Tgt Ion:244 Resp: 1346478

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

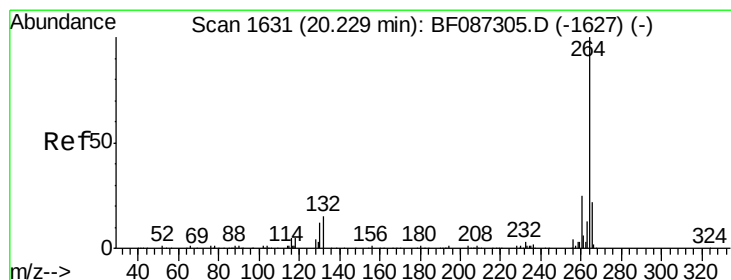
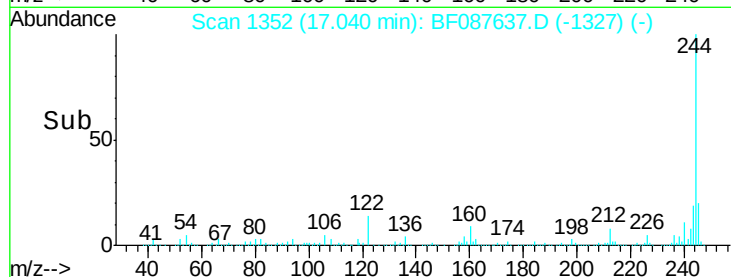
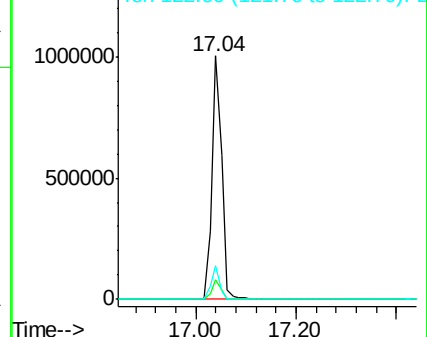
122 13.6 12.0 18.0



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: BF087637.D

Acq: 2 Jun 2016 2:37

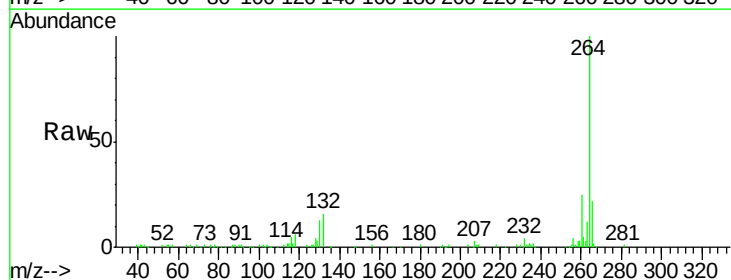
Tgt Ion:264 Resp: 205118

Ion Ratio Lower Upper

264 100

260 24.5 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

