

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087523.D
 Acq On : 29 May 2016 21:40
 Operator : UM/SJ
 Sample : H3222-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: May 30 06:48:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

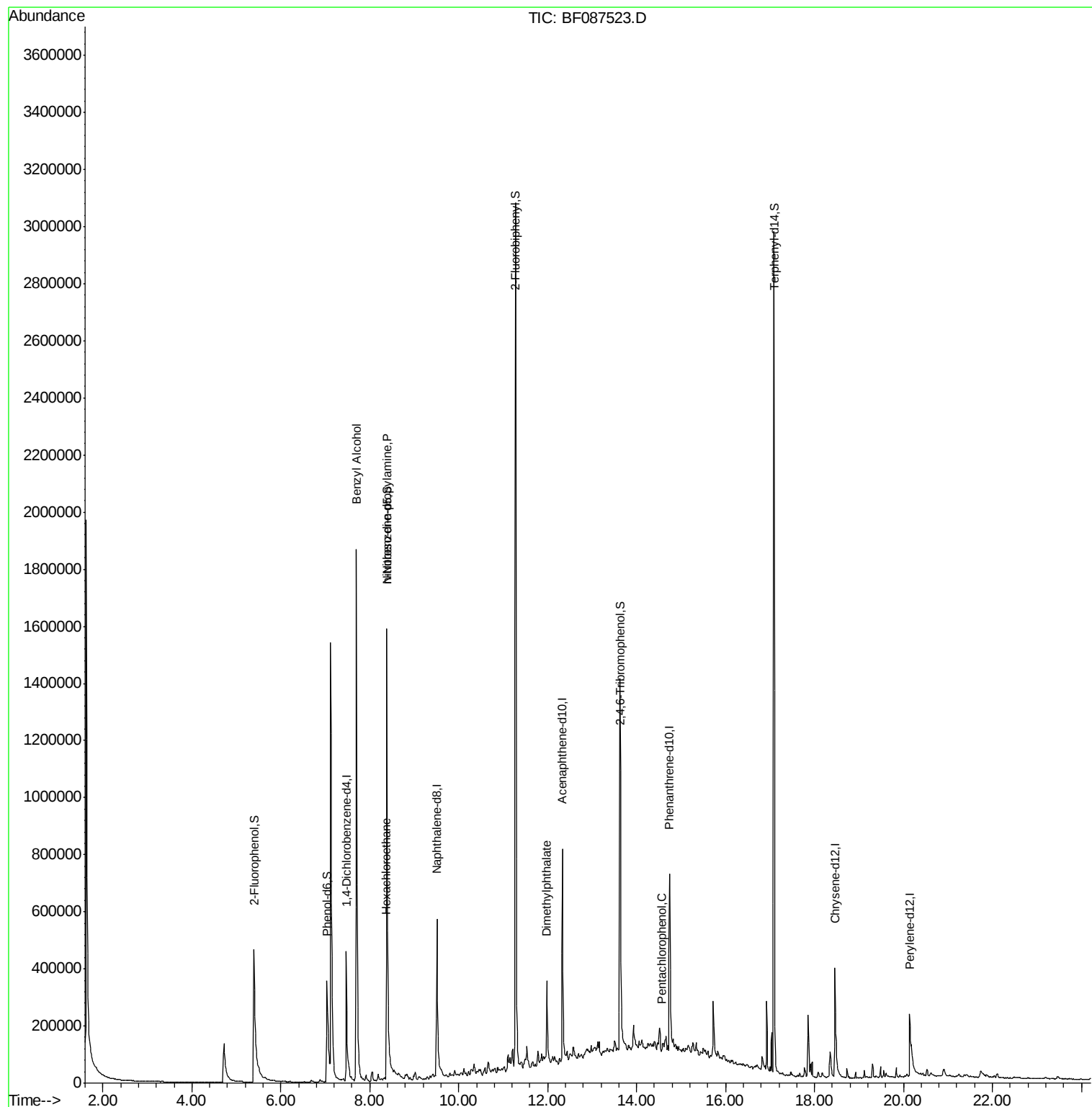
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	107570	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	441113	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	210760	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	388406	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	277652	20.00	ng	-0.02
86) Perylene-d12	20.14	264	225123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	337340	55.10	ng	-0.02
7) Phenol-d6	7.04	99	314158	37.98	ng	-0.03
23) Nitrobenzene-d5	8.39	82	750093	85.70	ng	-0.06
41) 2,4,6-Tribromophenol	13.63	330	223108	110.16	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1197491	80.10	ng	-0.06
78) Terphenyl-d14	17.09	244	1075629	82.36	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	13660	2.27	ng	# 42
18) Hexachloroethane	8.38	117	18801	5.90	ng	# 7
19) n-Nitroso-di-n-propylamine	8.39	70	97696	15.84	ng	# 74
49) Dimethylphthalate	11.98	163	163839	9.70	ng	100
69) Pentachlorophenol	14.57	266	737	6.67	ng	# 17

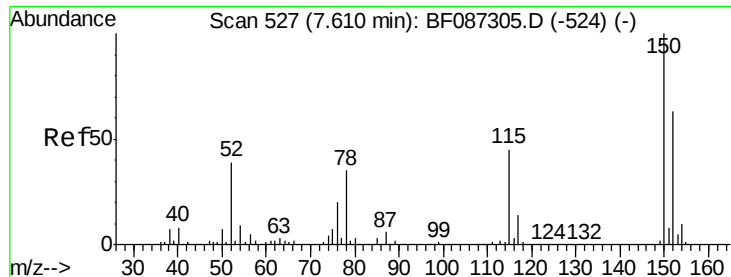
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

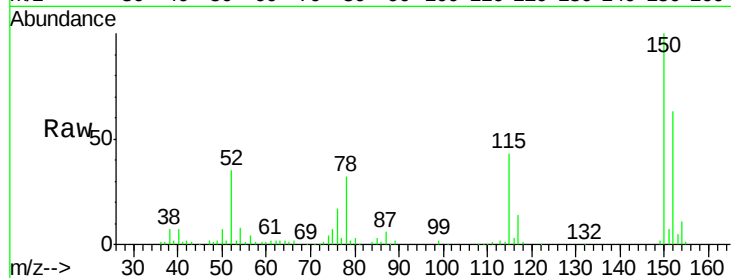
Tgt Ion:152 Resp: 107570

Ion Ratio Lower Upper

152 100

150 159.4 125.8 188.6

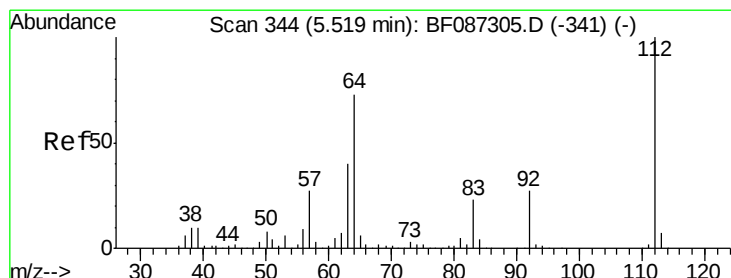
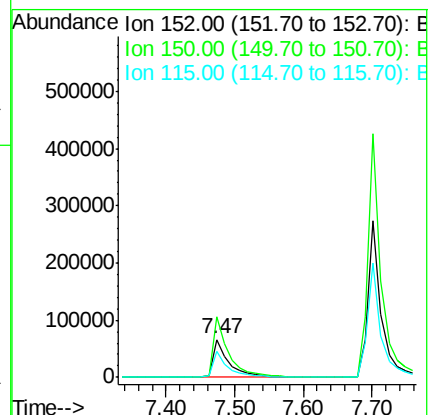
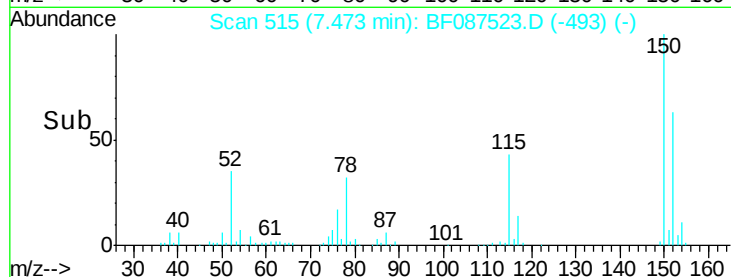
115 68.2 51.5 77.3



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: 55.10 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

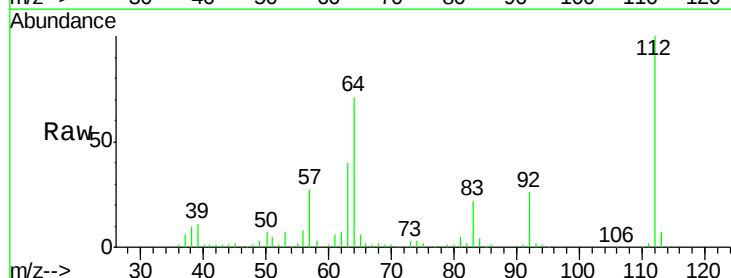
Tgt Ion:112 Resp: 337340

Ion Ratio Lower Upper

112 100

64 71.0 52.1 78.1

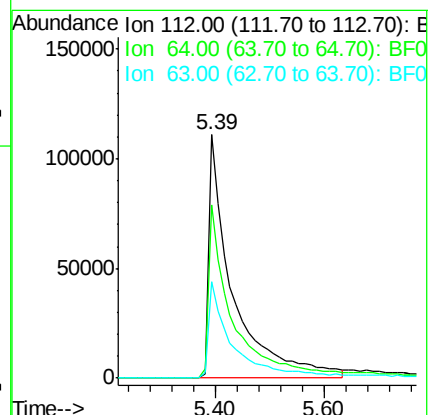
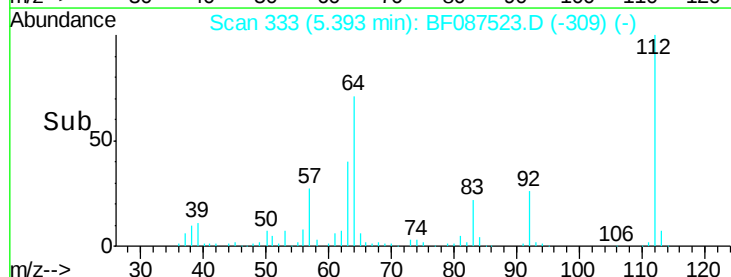
63 39.7 25.7 38.5#

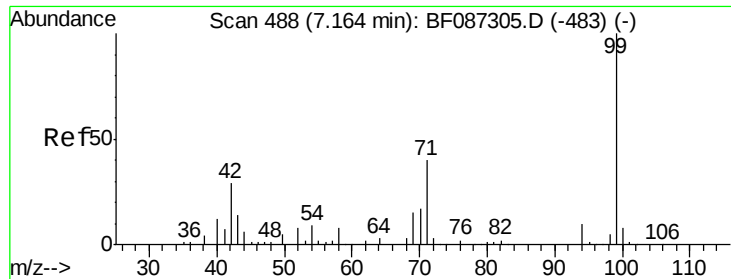


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.98 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

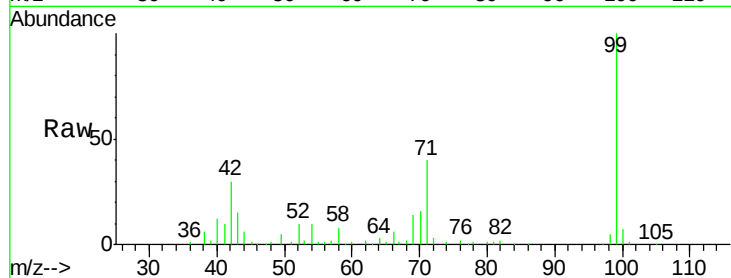
Tgt Ion: 99 Resp: 314158

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

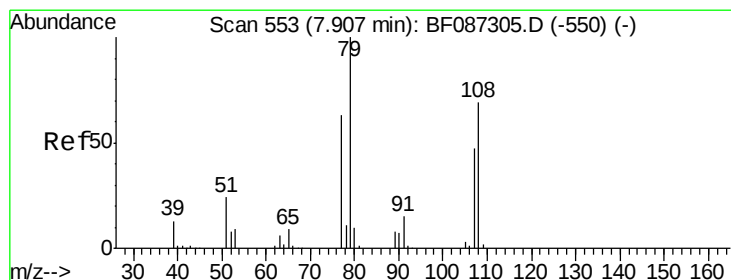
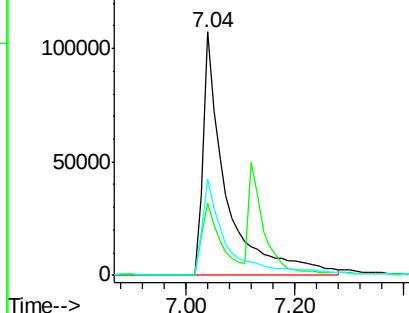
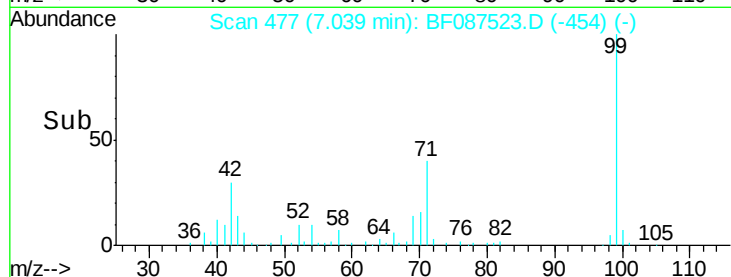
71 39.8 24.6 36.8#



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: 2.27 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

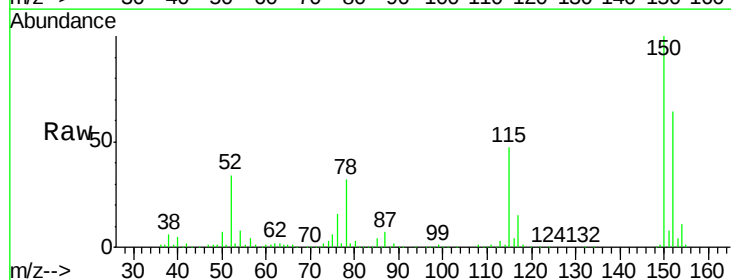
Tgt Ion: 79 Resp: 13660

Ion Ratio Lower Upper

79 100

108 31.3 68.4 102.6#

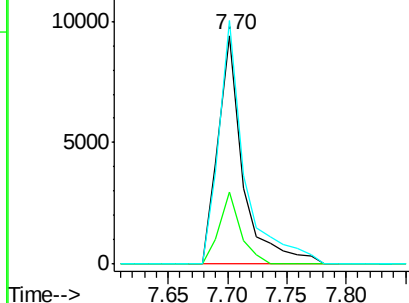
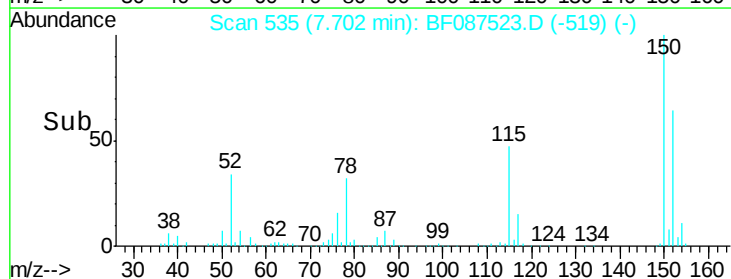
77 106.6 50.6 76.0#

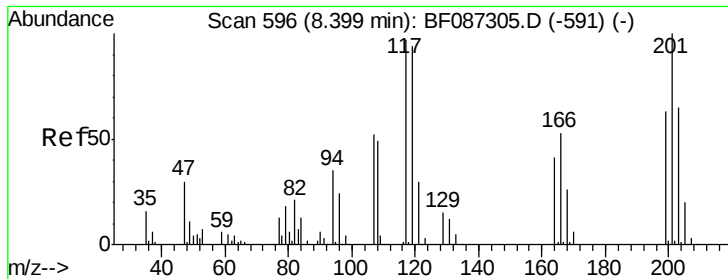


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 5.90 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.08 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

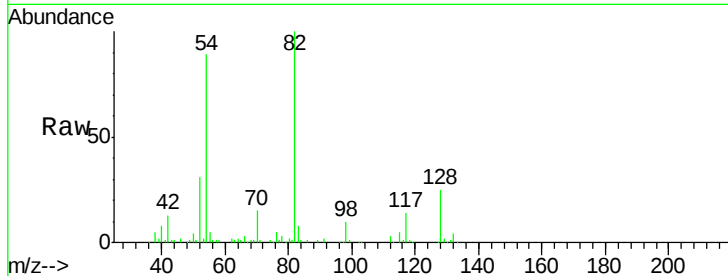
Tgt Ion: 117 Resp: 18801

Ion Ratio Lower Upper

117 100

119 2.2 76.5 114.7#

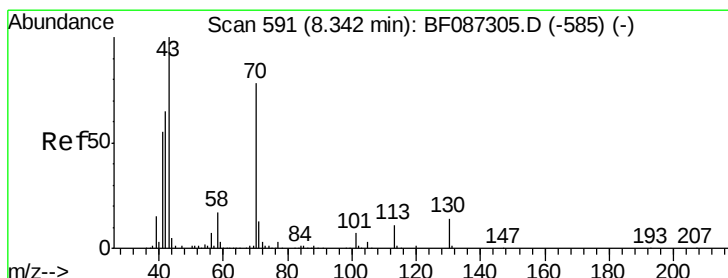
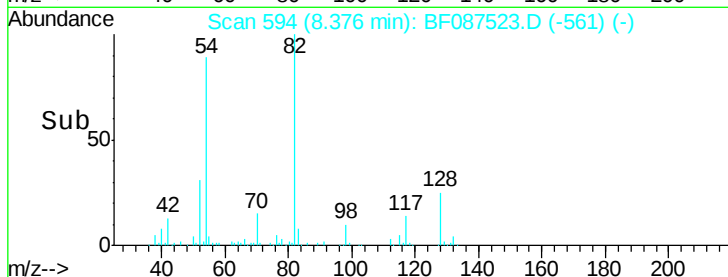
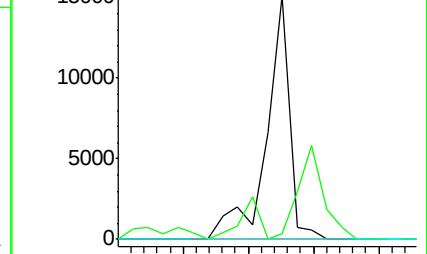
201 0.0 63.0 94.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 15.84 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.14 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Tgt Ion: 70 Resp: 97696

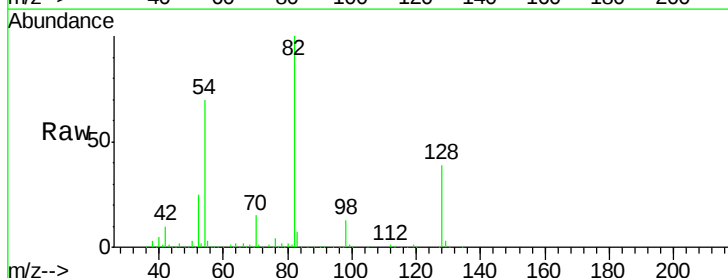
Ion Ratio Lower Upper

70 100

42 66.3 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

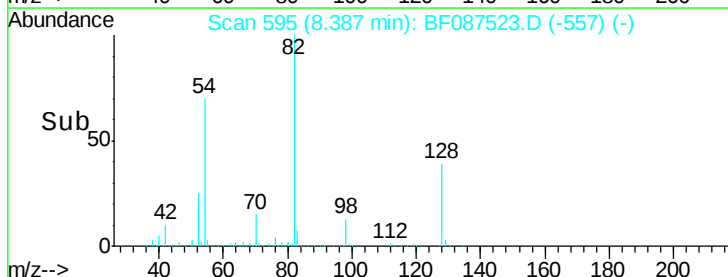
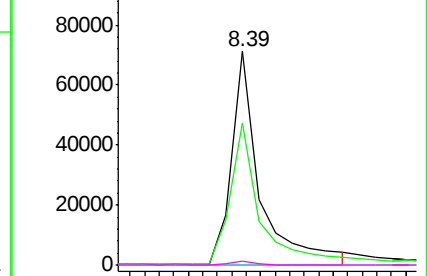


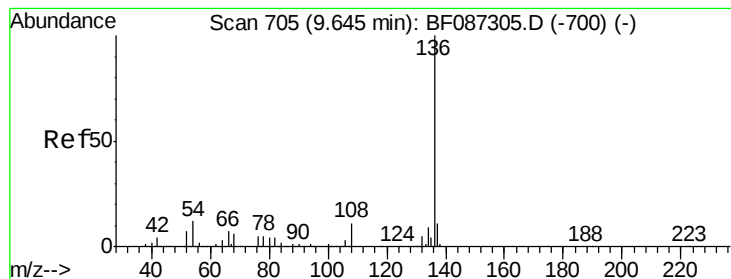
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

Tgt Ion:136 Resp: 441113

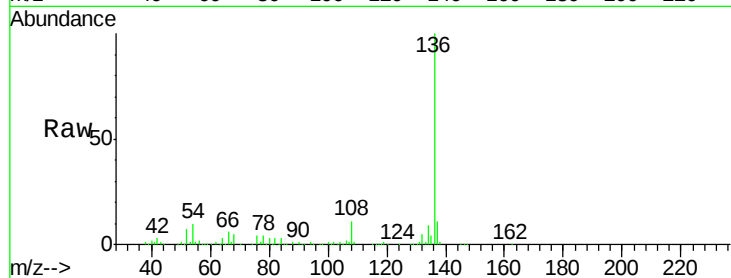
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.3 5.0 7.4#

68 4.9 4.4 6.6

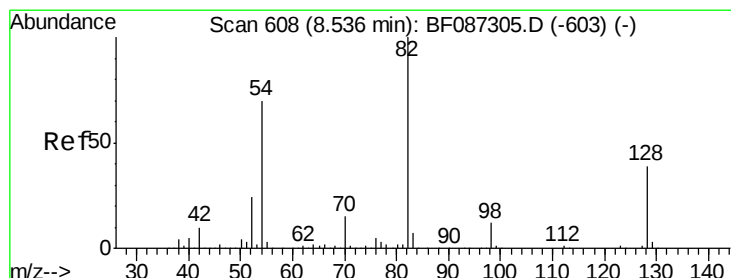
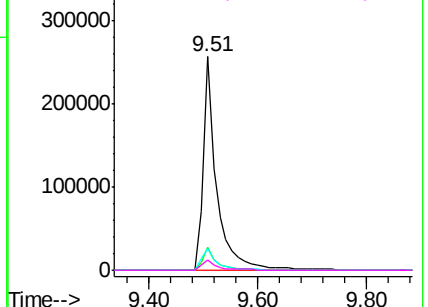
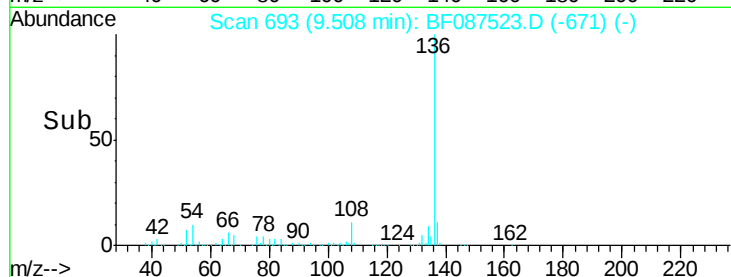


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.70 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

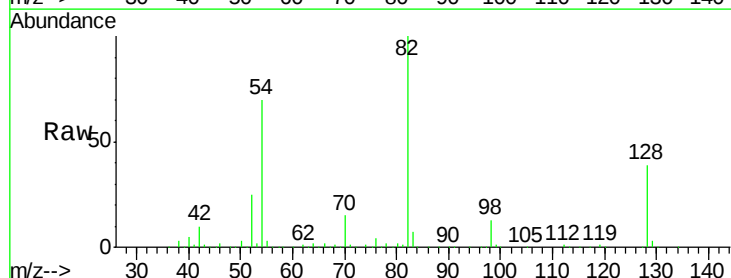
Tgt Ion: 82 Resp: 750093

Ion Ratio Lower Upper

82 100

128 38.7 40.6 61.0#

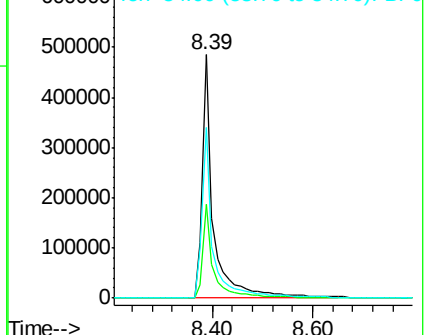
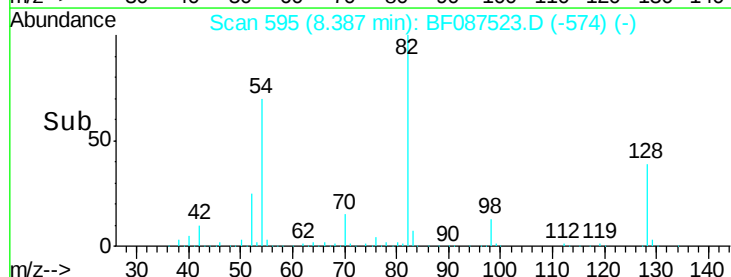
54 70.2 38.1 57.1#

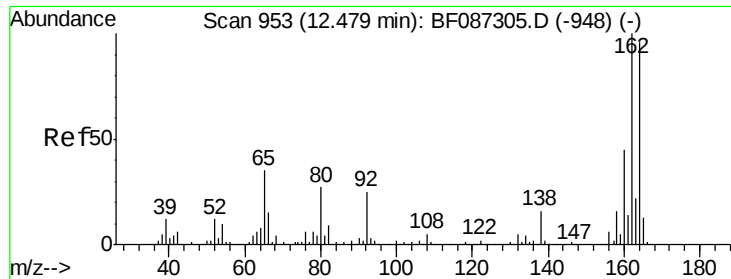


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

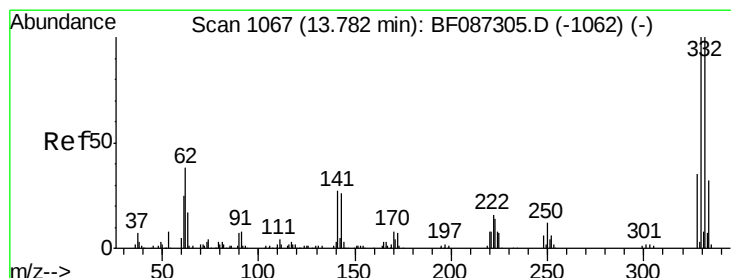
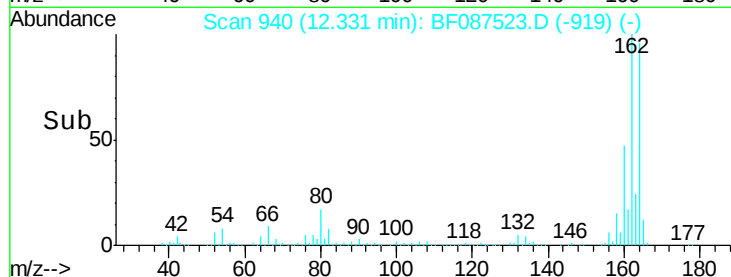
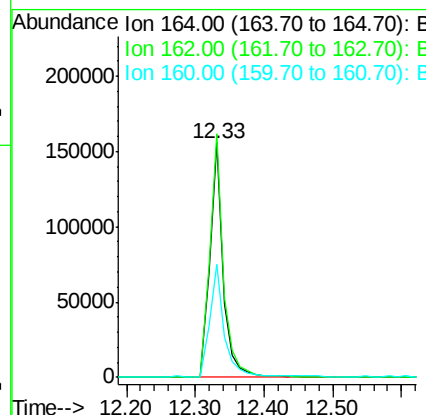
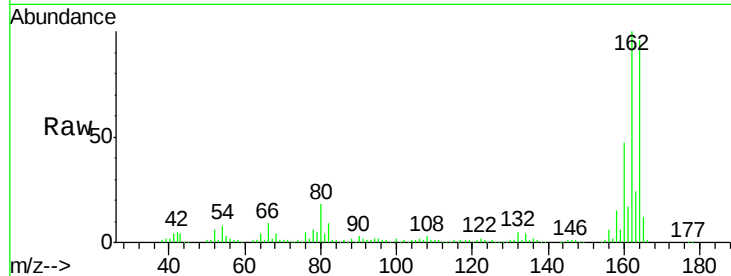




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.06 min
 Lab File: BF087523.D
 Acq: 29 May 2016 21:40

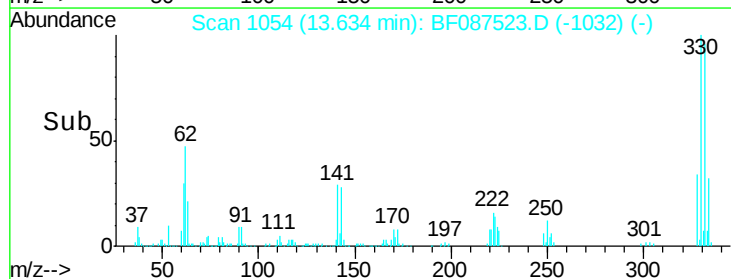
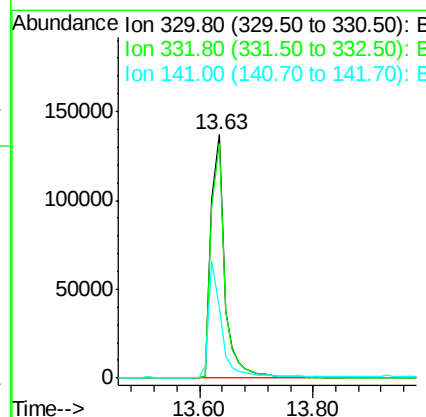
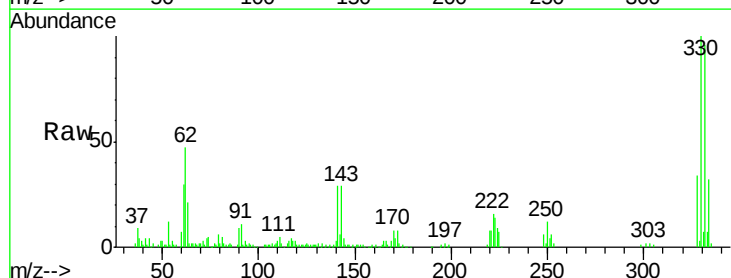
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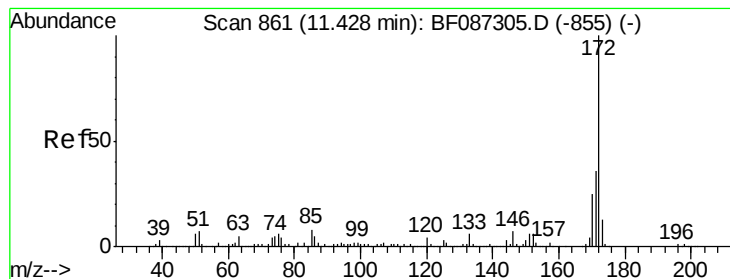
Tgt Ion:164 Resp: 210760
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 48.6 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 110.16 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087523.D
 Acq: 29 May 2016 21:40

Tgt Ion:330 Resp: 223108
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 43.9 31.2 46.8

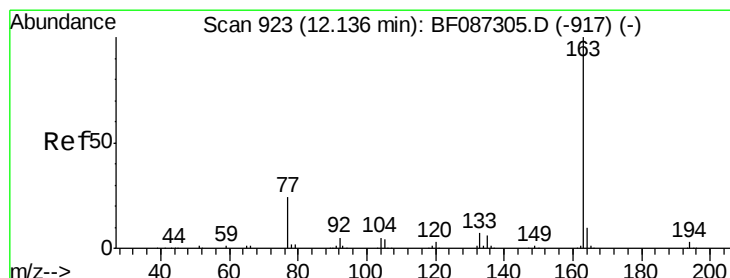
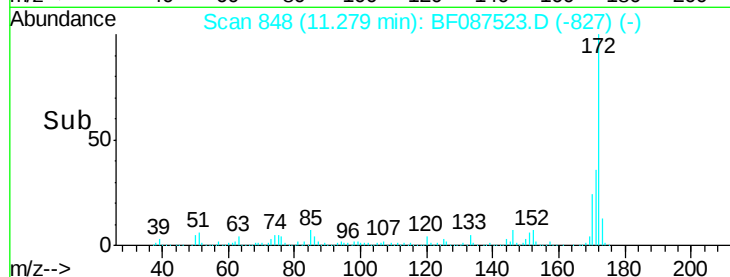
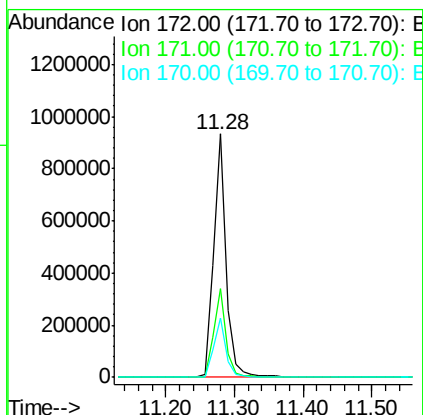
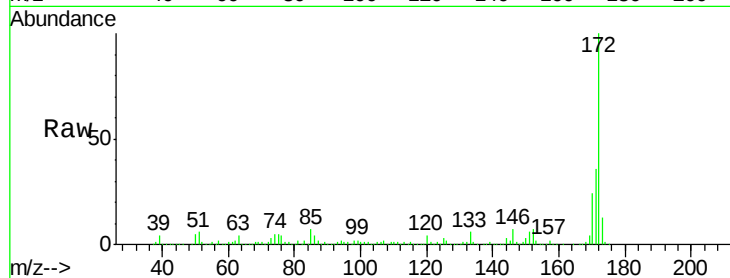




#44
2-Fluorobiphenyl
Concen: 80.10 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF087523.D
Acq: 29 May 2016 21:40

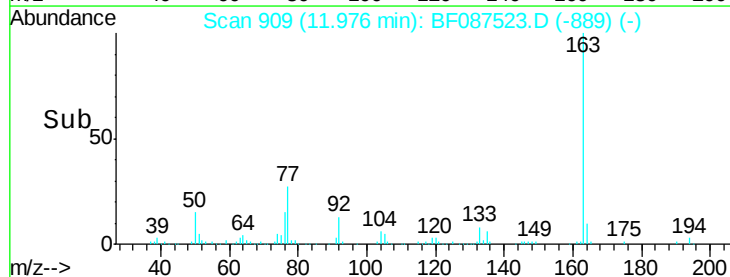
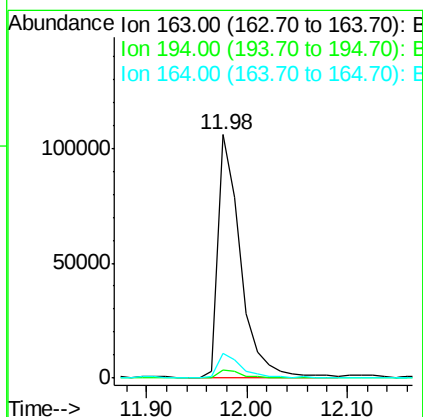
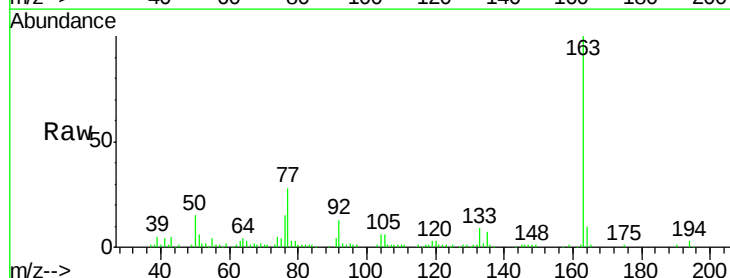
Instrument :
BNA_F
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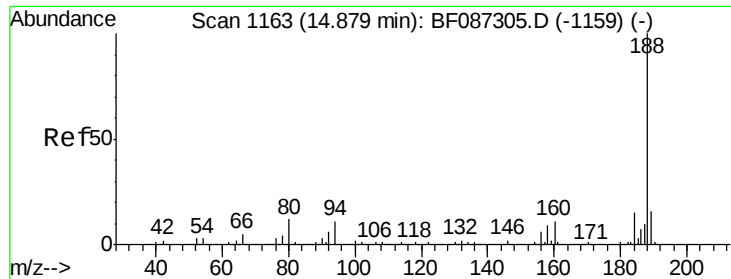
Tgt Ion:172 Resp: 1197491
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 9.70 ng
RT: 11.98 min Scan# 909
Delta R.T. -0.07 min
Lab File: BF087523.D
Acq: 29 May 2016 21:40

Tgt Ion:163 Resp: 163839
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.2 12.4

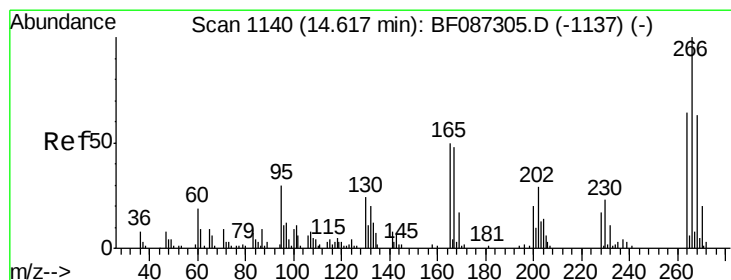
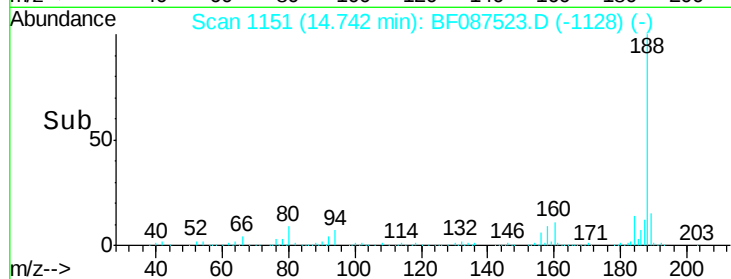
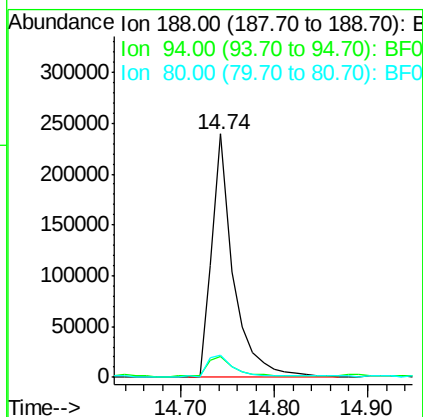
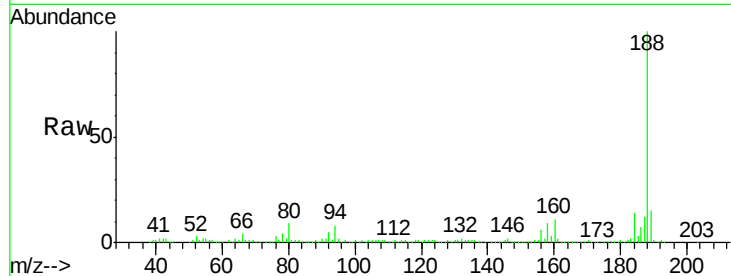




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087523.D
Acq: 29 May 2016 21:40

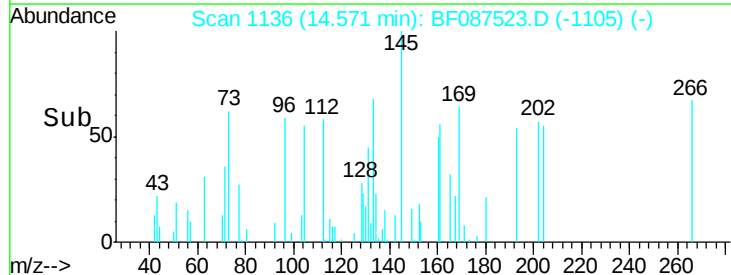
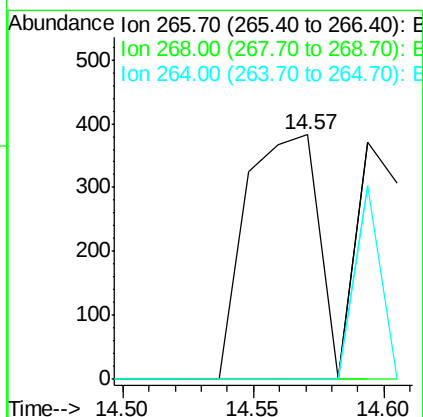
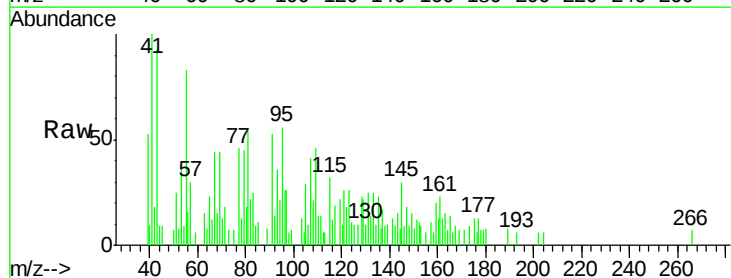
Instrument :
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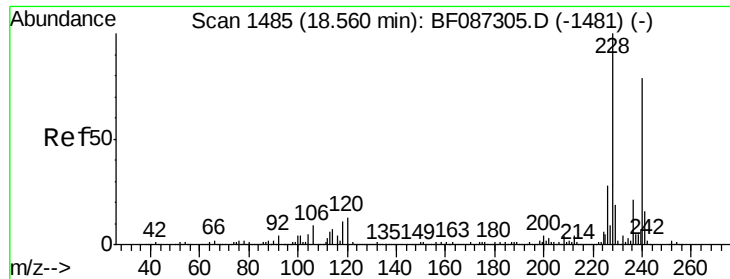
Tgt Ion:188 Resp: 388406
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.2 7.1 10.7



#69
Pentachlorophenol
Concen: 6.67 ng
RT: 14.57 min Scan# 1136
Delta R.T. 0.06 min
Lab File: BF087523.D
Acq: 29 May 2016 21:40

Tgt Ion:266 Resp: 737
Ion Ratio Lower Upper
266 100
268 0.0 51.5 77.3#
264 0.0 52.9 79.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

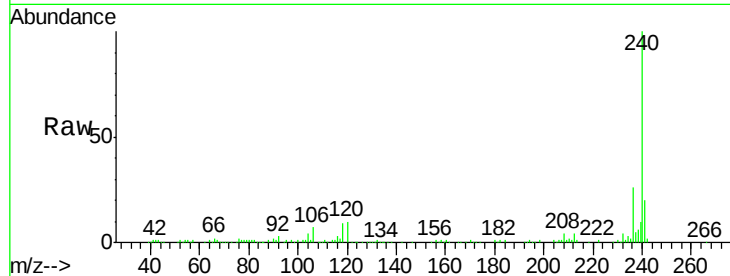
Tgt Ion:240 Resp: 277652

Ion Ratio Lower Upper

240 100

120 9.6 11.2 16.8#

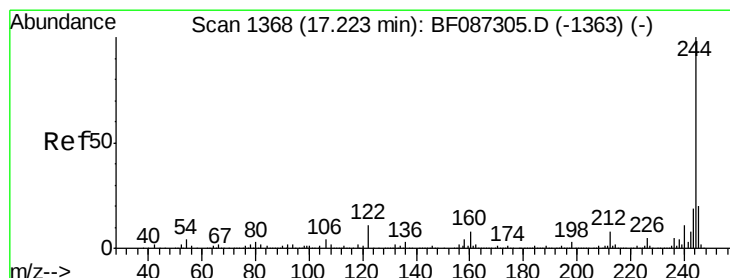
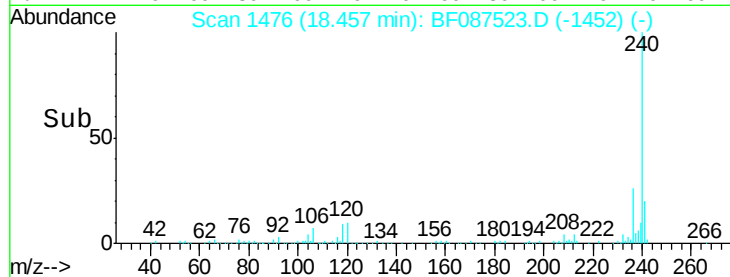
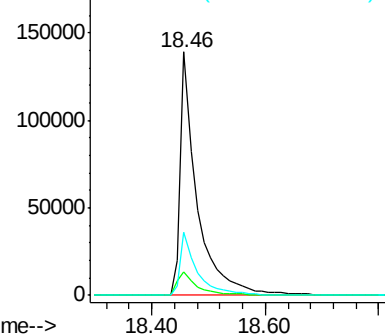
236 25.9 21.2 31.8



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: 82.36 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

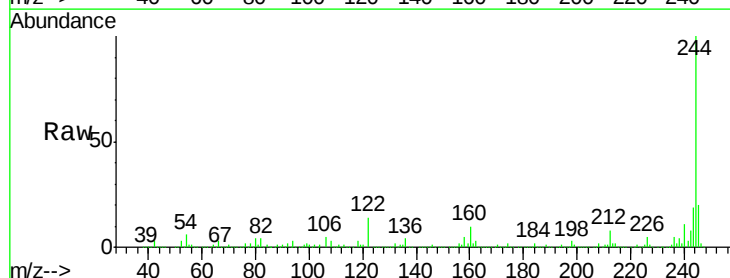
Tgt Ion:244 Resp: 1075629

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

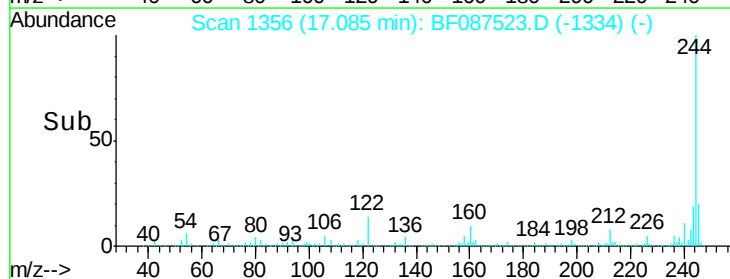
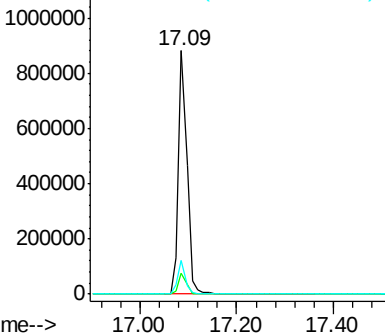
122 14.0 12.0 18.0

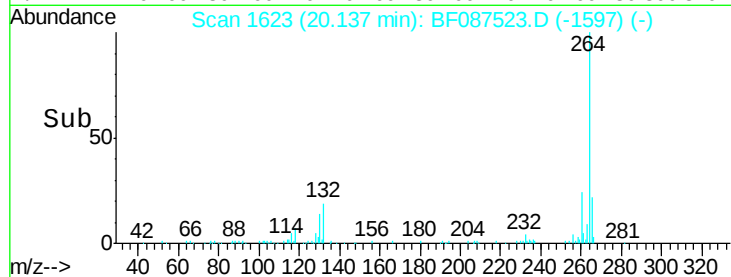
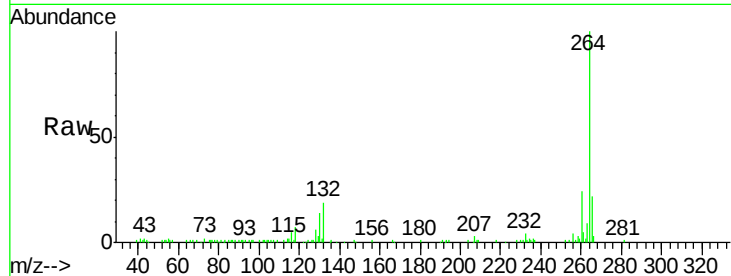
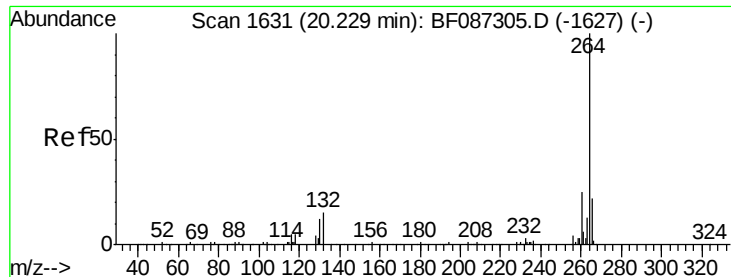


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087523.D

Acq: 29 May 2016 21:40

Instrument :

BNA_F

ClientSampleId :

MW-31

Tgt Ion:264 Resp: 225123

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.8 17.3 25.9

