

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087633.D
 Acq On : 2 Jun 2016 00:19
 Operator : UM/SJ
 Sample : H3349-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jun 02 03:41:06 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

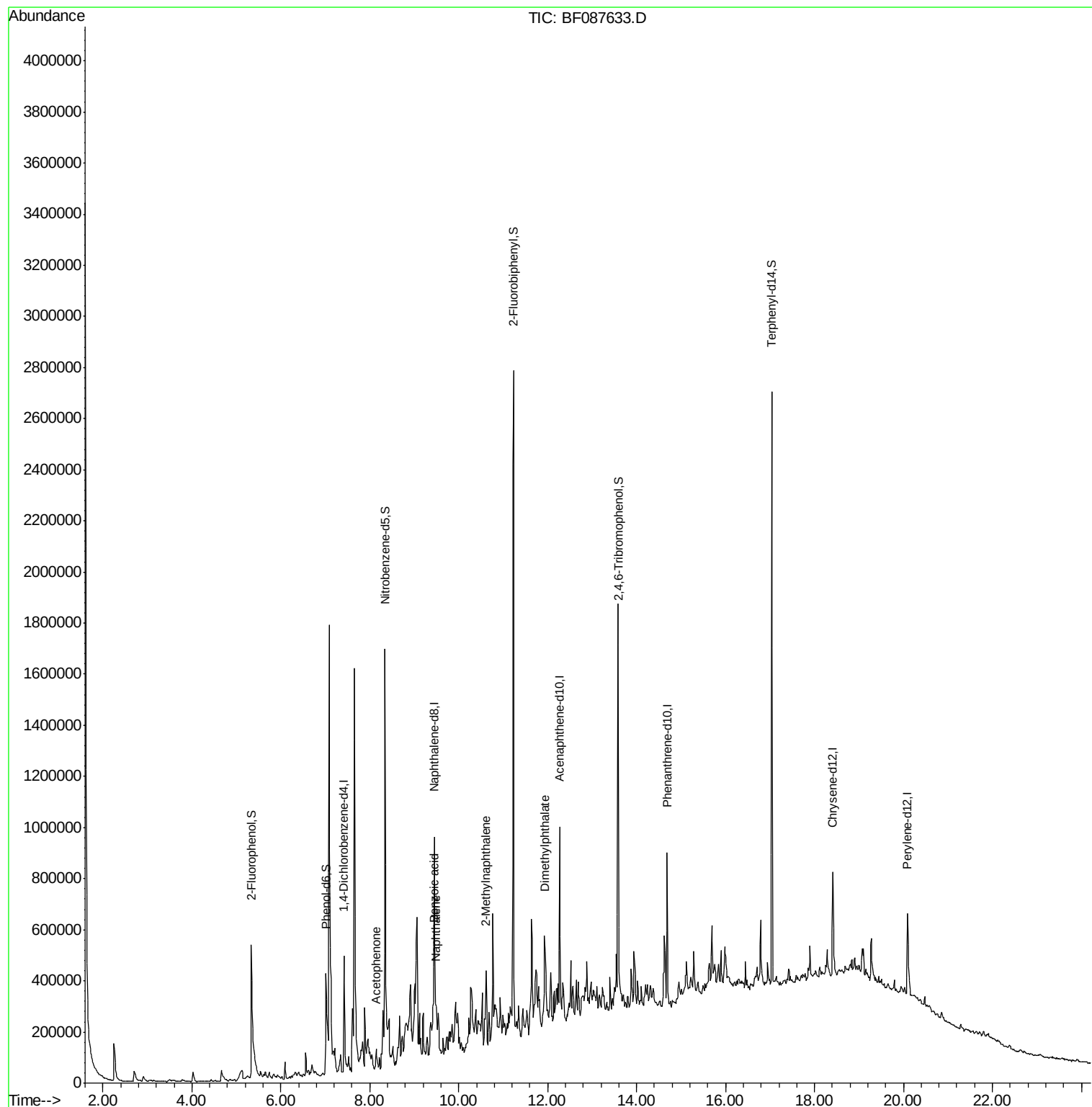
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	106140	20.00	ng	0.00
21) Naphthalene-d8	9.45	136	404987	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	181756	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	315660	20.00	ng	0.00
75) Chrysene-d12	18.41	240	197872	20.00	ng	0.01
86) Perylene-d12	20.09	264	188166	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	366100	60.61	ng	0.02
7) Phenol-d6	7.02	99	338966	41.53	ng	0.01
23) Nitrobenzene-d5	8.34	82	704945	87.73	ng	-0.02
41) 2,4,6-Tribromophenol	13.59	330	267611	153.22	ng	0.00
44) 2-Fluorobiphenyl	11.23	172	1224101	94.95	ng	0.00
78) Terphenyl-d14	17.04	244	916654	98.49	ng	-0.01
Target Compounds						
22) Acetophenone	8.15	105	22417	2.32	ng	# 86
31) Naphthalene	9.50	128	106783	5.26	ng	# 94
32) Benzoic acid	9.44	122	64089	23.99	ng	# 70
37) 2-Methylnaphthalene	10.62	142	91982	7.26	ng	# 93
49) Dimethylphthalate	11.93	163	78505	5.39	ng	# 95

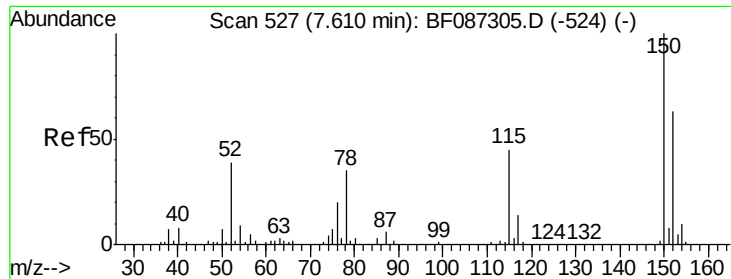
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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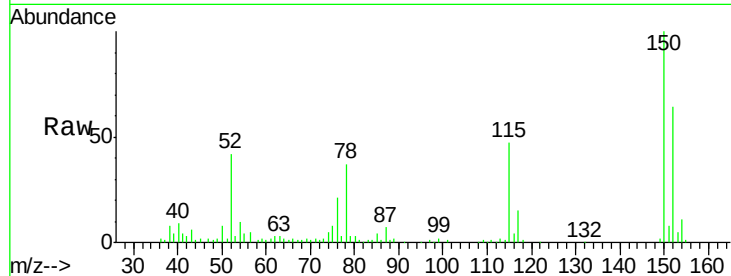


#1

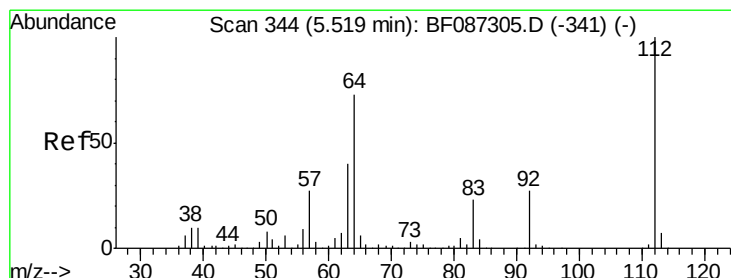
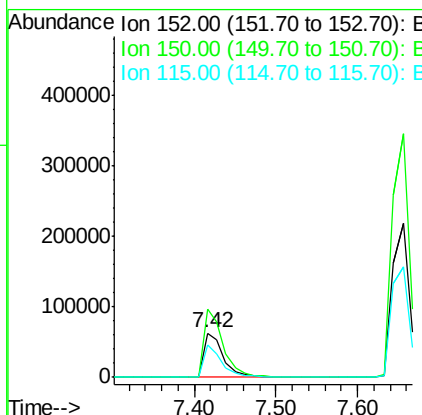
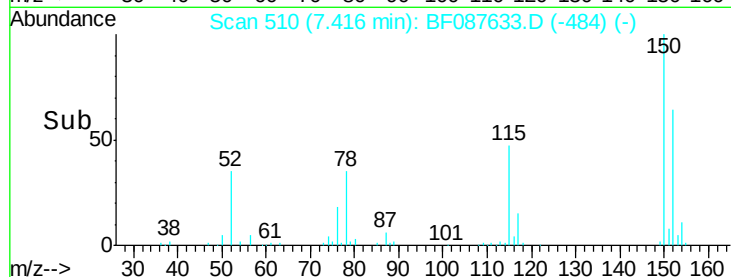
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion:152 Resp: 106140
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 72.7 51.5 77.3



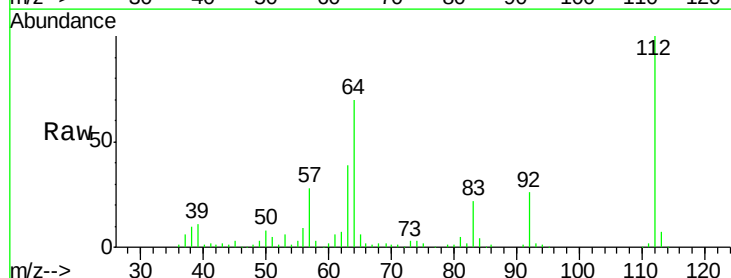
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



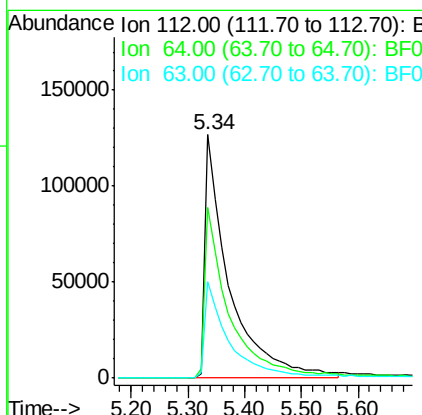
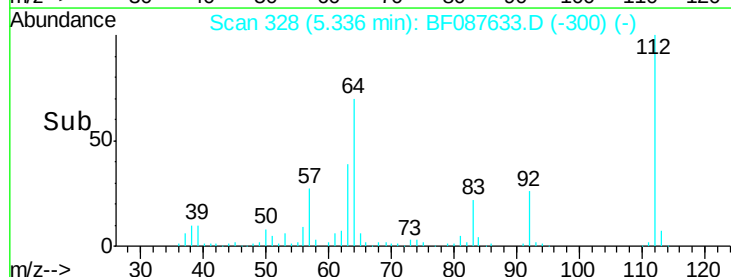
#5

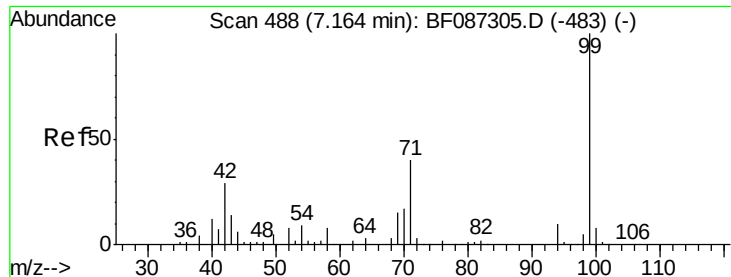
2-Fluorophenol
Concen: 60.61 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

Tgt Ion:112 Resp: 366100
Ion Ratio Lower Upper
112 100
64 69.9 52.1 78.1
63 39.5 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: 41.53 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampled :

W-31

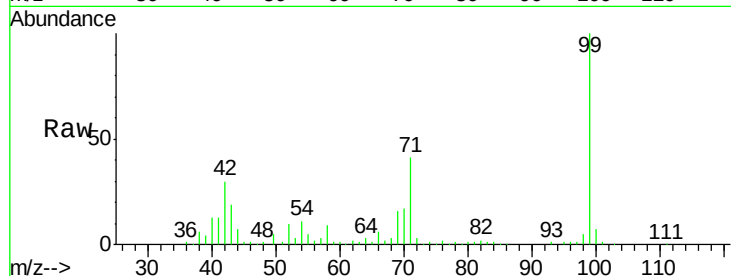
Tot Ion: 99 Resp: 338966

Ion Ratio Lower Upper

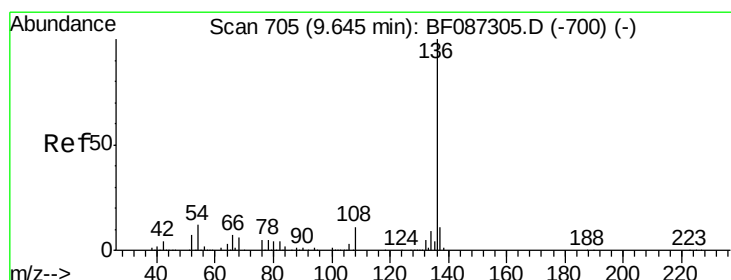
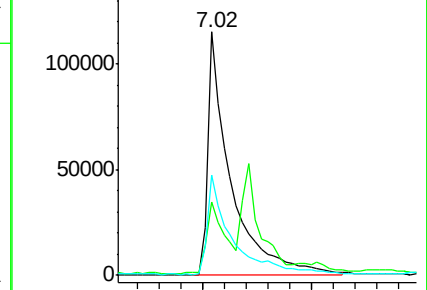
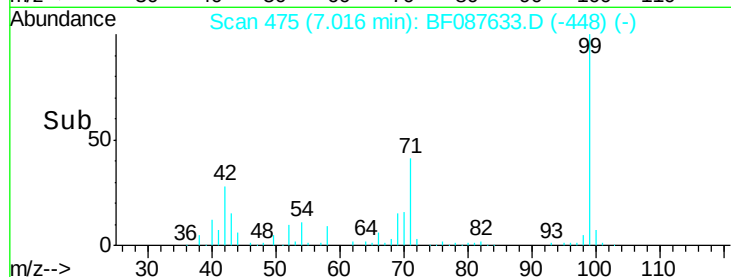
99 100

42 30.3 13.6 20.4#

71 41.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Tgt Ion: 136 Resp: 404987

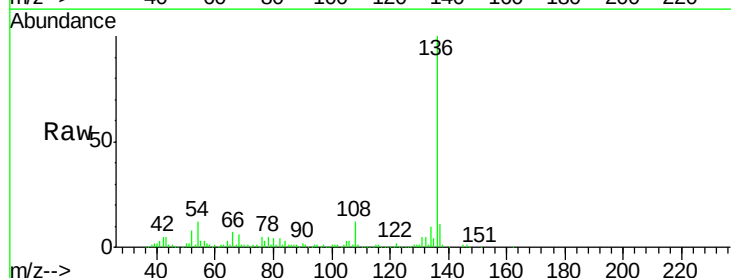
Ion Ratio Lower Upper

136 100

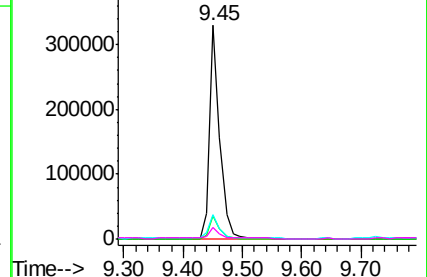
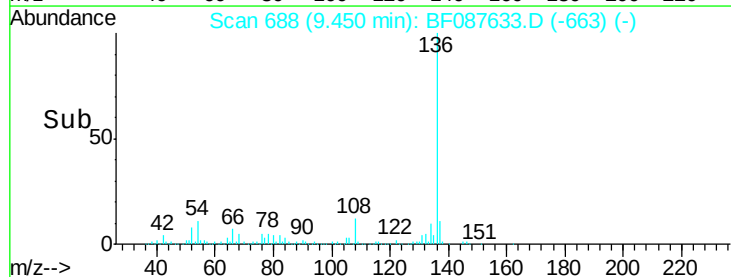
137 10.9 8.8 13.2

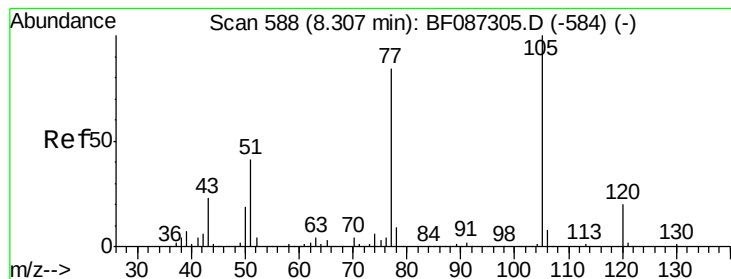
54 11.5 5.0 7.4#

68 5.6 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





#22

Acetophenone

Concen: 2.32 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampled :

W-31

Tot Ion:105 Resp: 22417

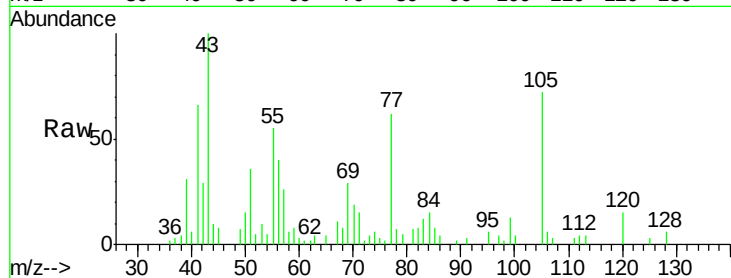
Ion Ratio Lower Upper

105 100

71 21.3 4.8 7.2#

51 50.3 32.6 49.0#

120 20.2 16.5 24.7

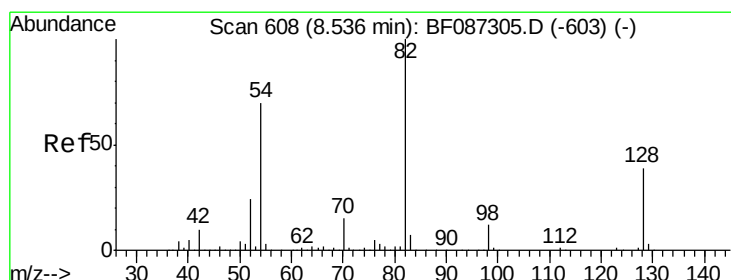
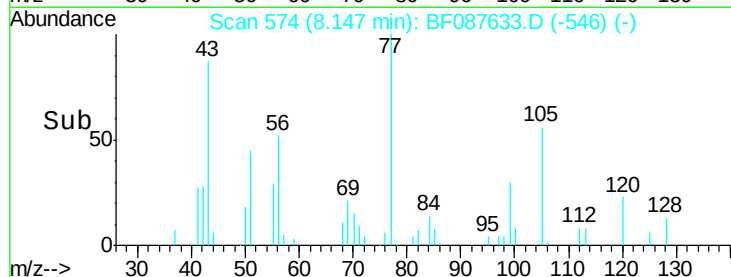
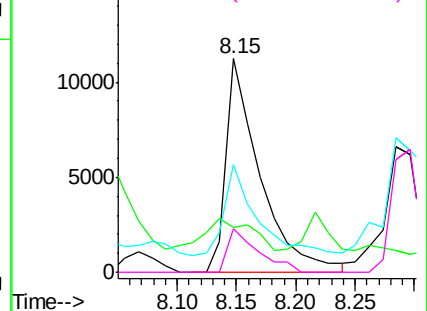


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 87.73 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.02 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

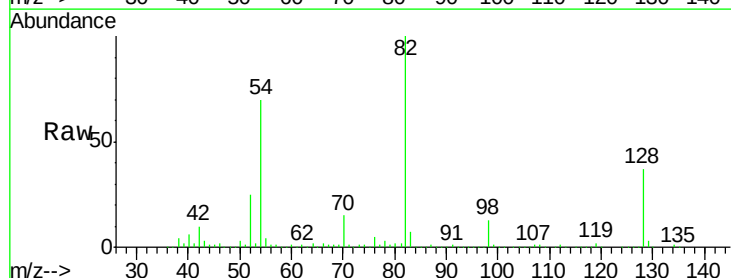
Tgt Ion: 82 Resp: 704945

Ion Ratio Lower Upper

82 100

128 37.1 40.6 61.0#

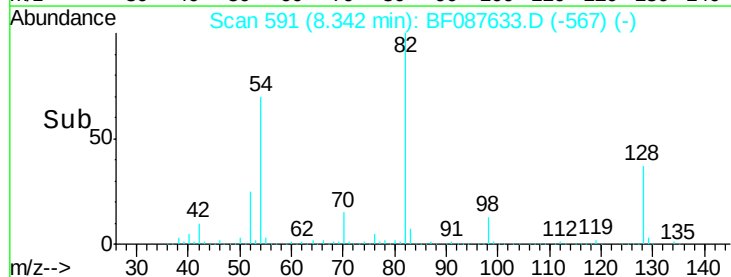
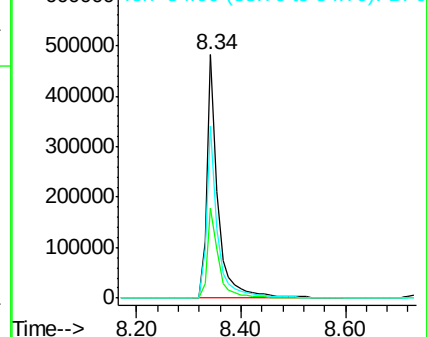
54 70.5 38.1 57.1#

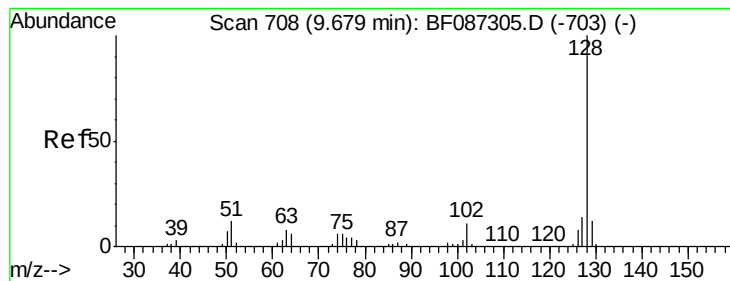


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 5.26 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampleId :

W-31

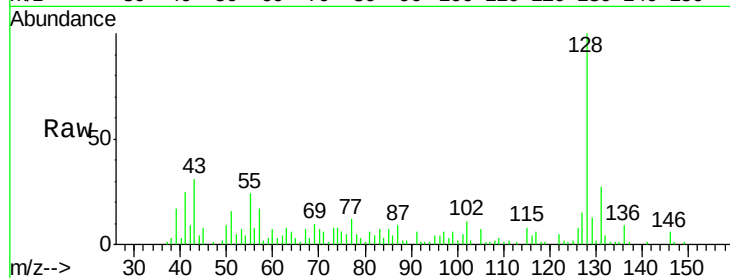
Tot Ion:128 Resp: 106783

Ion Ratio Lower Upper

128 100

129 13.5 8.6 13.0#

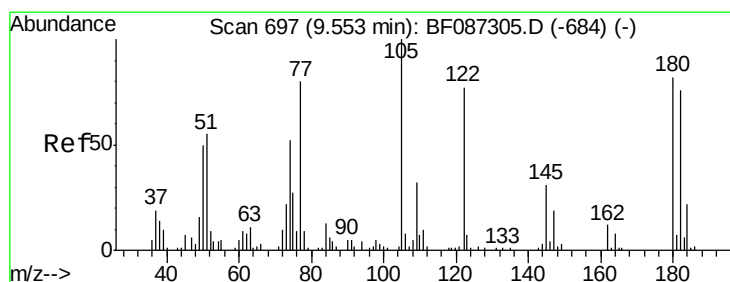
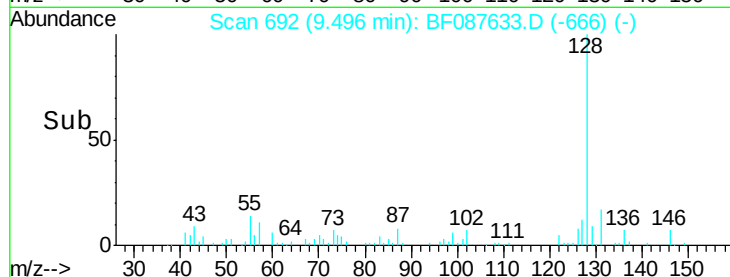
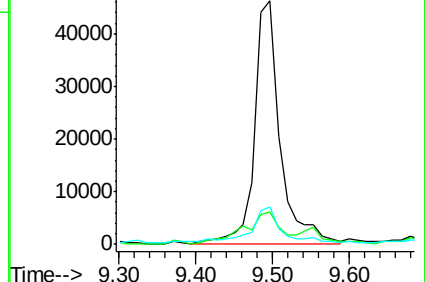
127 15.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.99 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

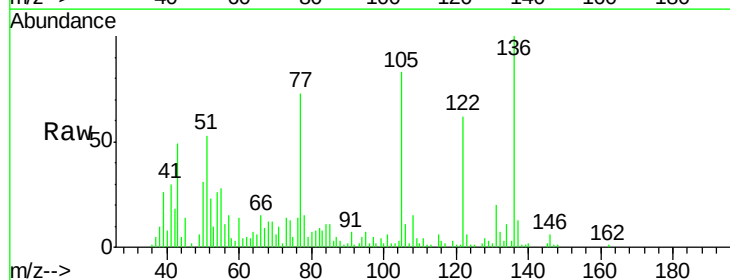
Tgt Ion:122 Resp: 64089

Ion Ratio Lower Upper

122 100

105 134.5 92.6 132.6#

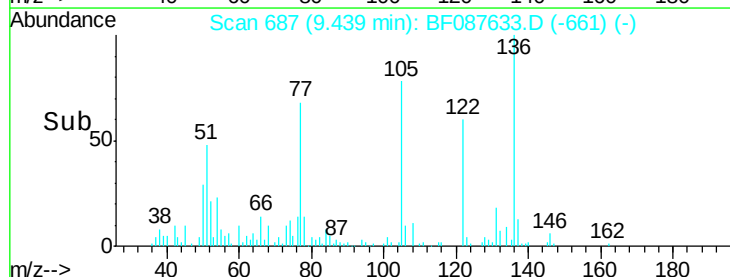
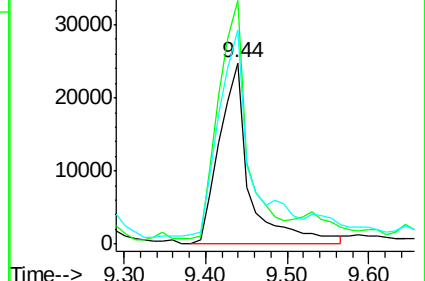
77 118.3 60.0 100.0#

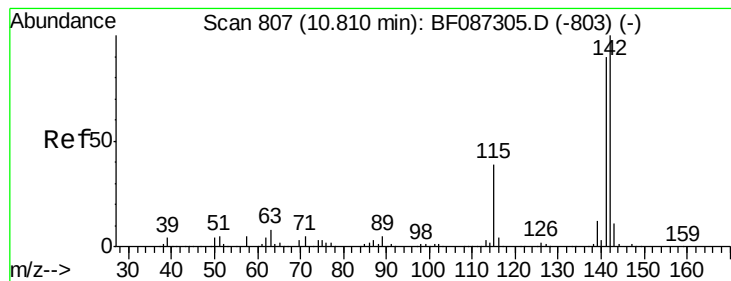


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#37

2-Methylnaphthalene

Concen: 7.26 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampleId :

W-31

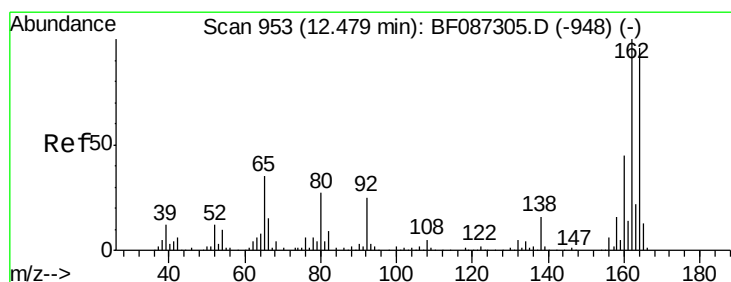
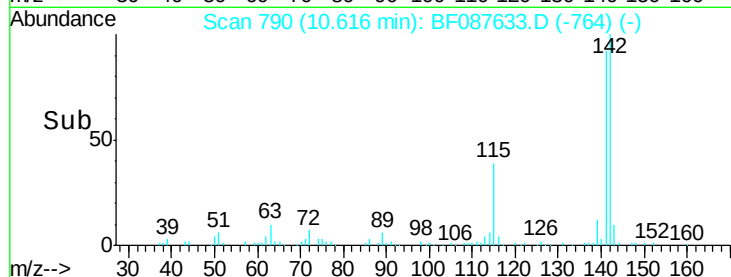
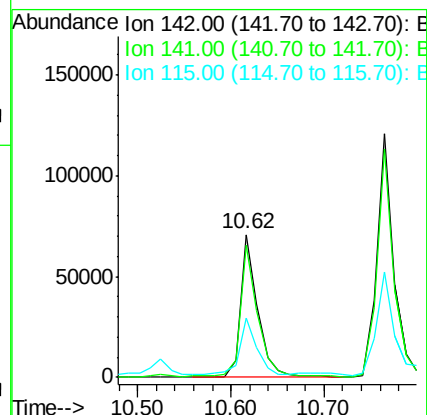
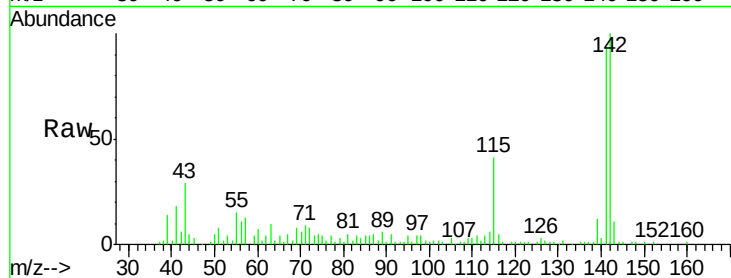
Tot Ion:142 Resp: 91982

Ion Ratio Lower Upper

142 100

141 93.0 71.0 106.6

115 41.2 26.6 39.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

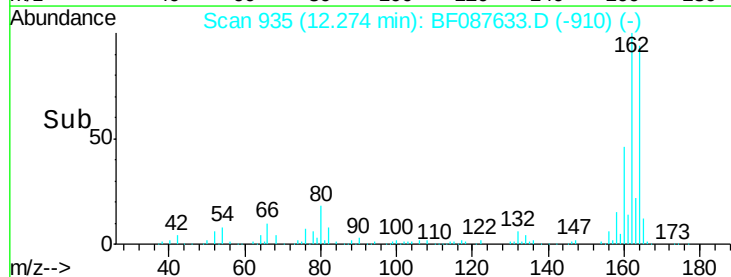
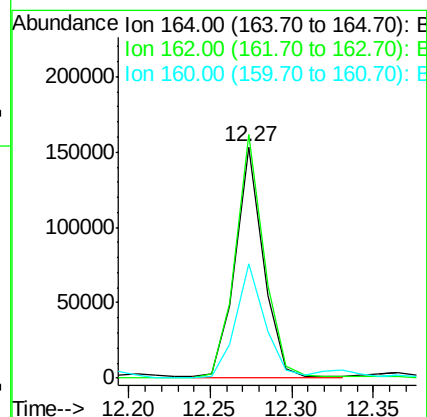
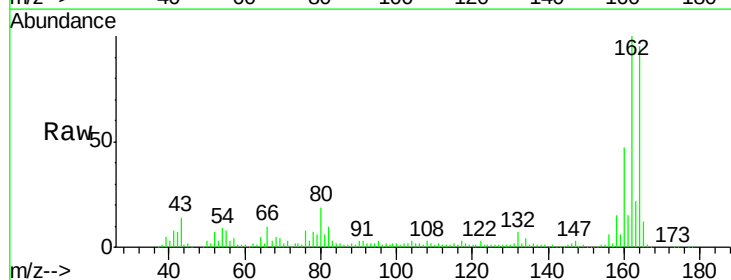
Tgt Ion:164 Resp: 181756

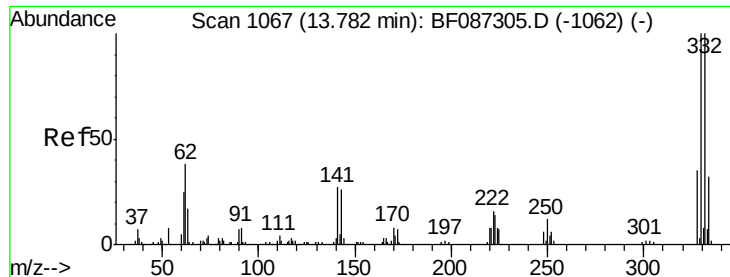
Ion Ratio Lower Upper

164 100

162 105.5 82.8 124.2

160 49.6 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 153.22 ng

RT: 13.59 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampled :

W-31

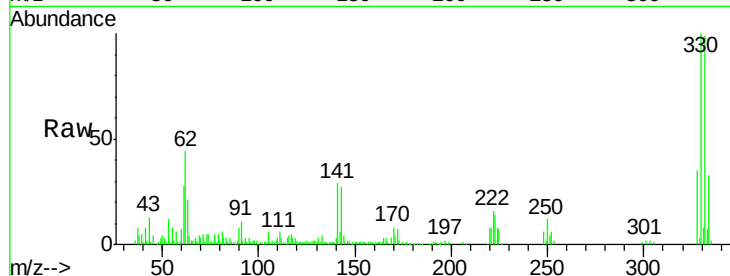
Tot Ion:330 Resp: 267611

Ion Ratio Lower Upper

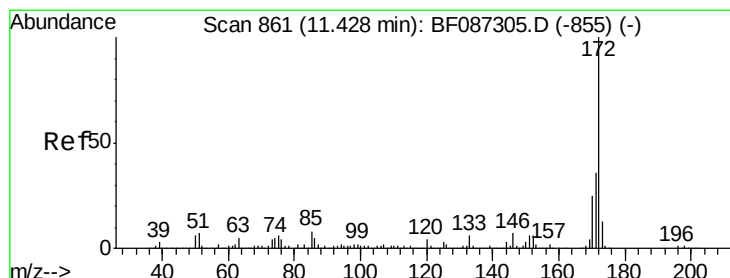
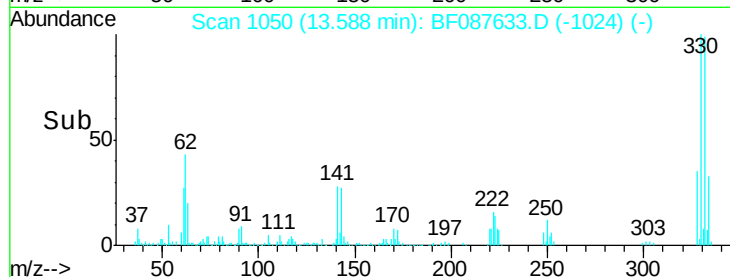
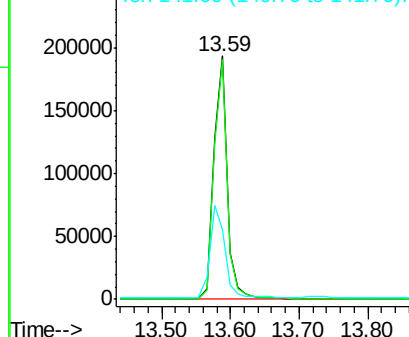
330 100

332 97.9 79.0 118.4

141 41.9 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: 94.95 ng

RT: 11.23 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

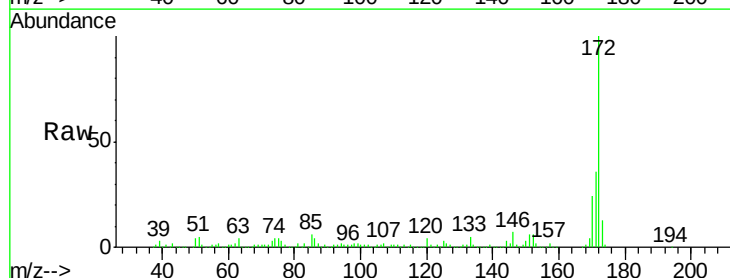
Tgt Ion:172 Resp: 1224101

Ion Ratio Lower Upper

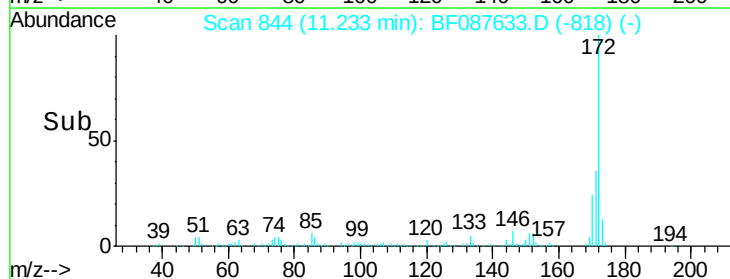
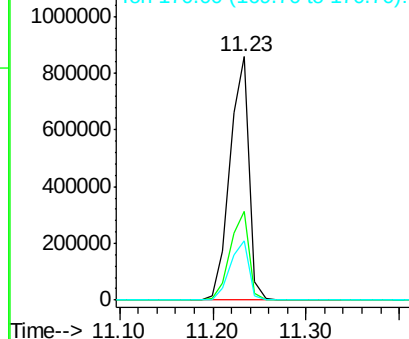
172 100

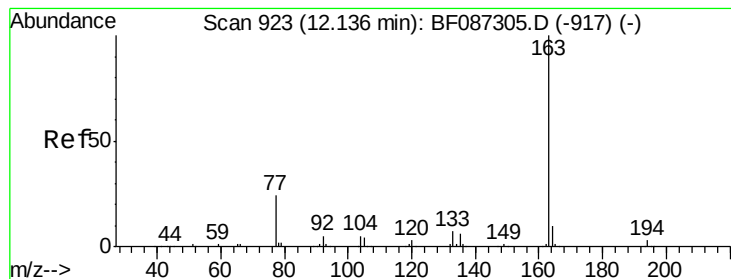
171 36.3 29.0 43.6

170 24.4 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: 5.39 ng

RT: 11.93 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampleId :

W-31

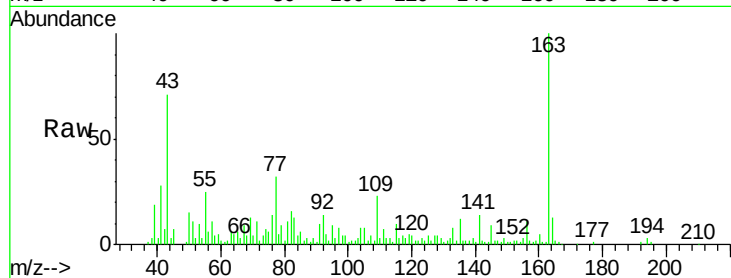
Tot Ion:163 Resp: 78505

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

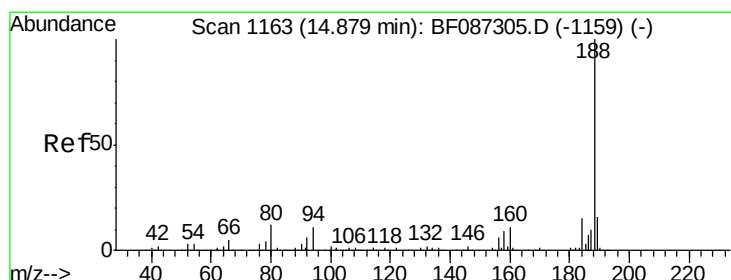
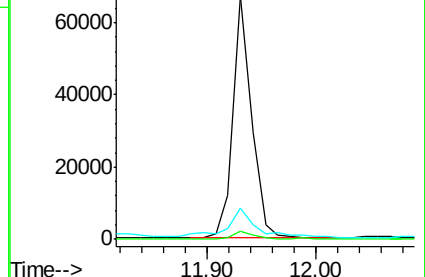
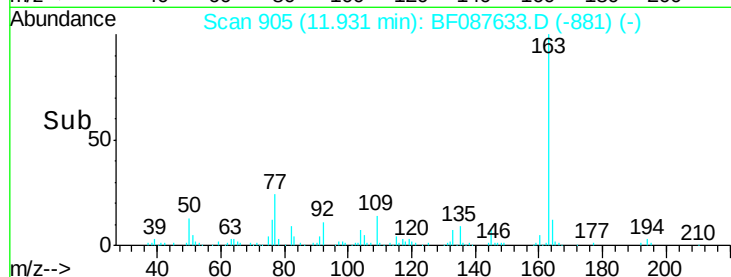
164 12.7 8.2 12.4#



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: 14.69 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

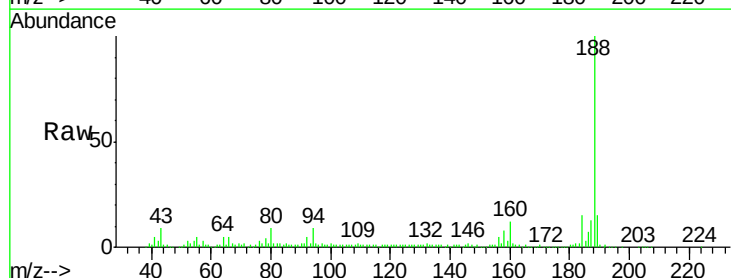
Tgt Ion:188 Resp: 315660

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

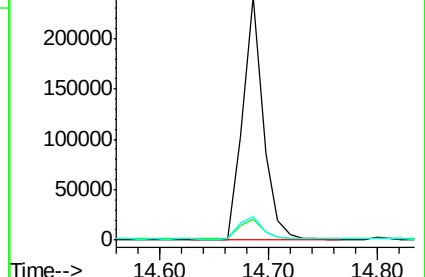
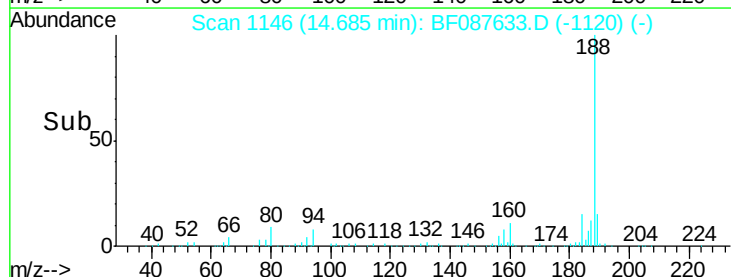
80 9.4 7.1 10.7

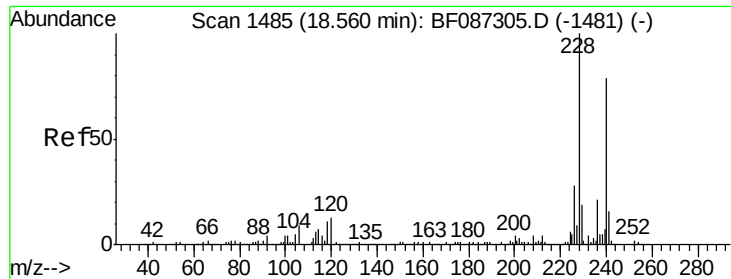


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampleId :

W-31

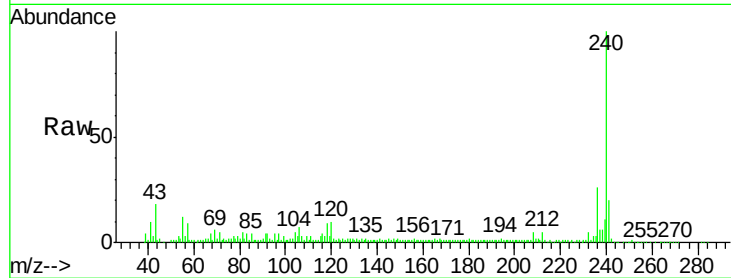
Tot Ion:240 Resp: 197872

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

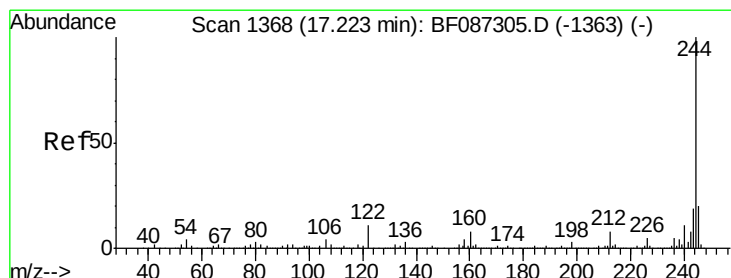
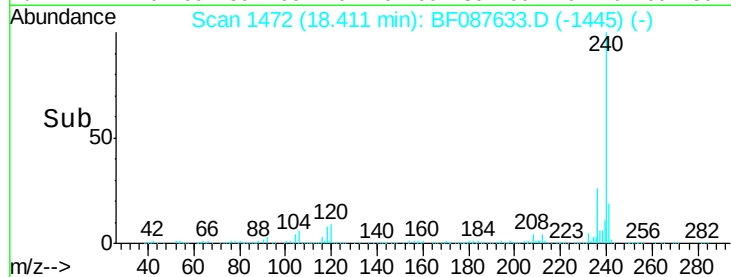
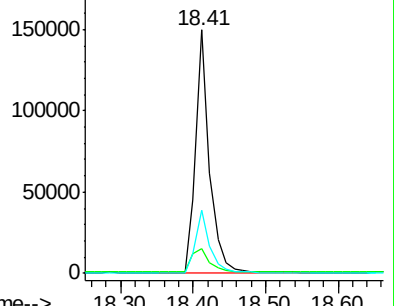
236 26.1 21.2 31.8



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: 98.49 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

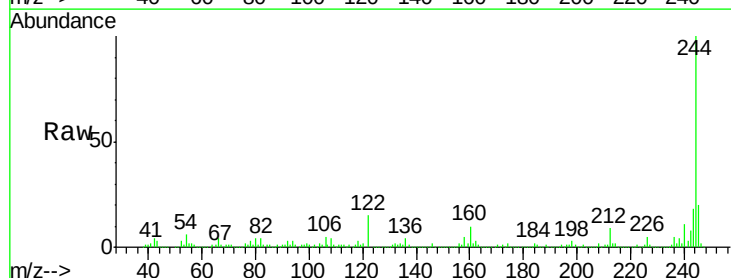
Tgt Ion:244 Resp: 916654

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

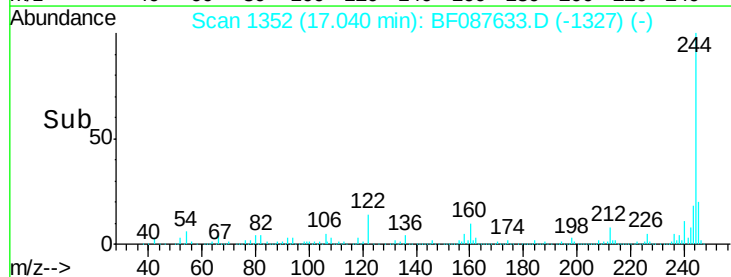
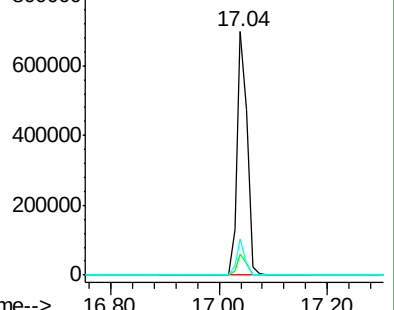
122 14.7 12.0 18.0

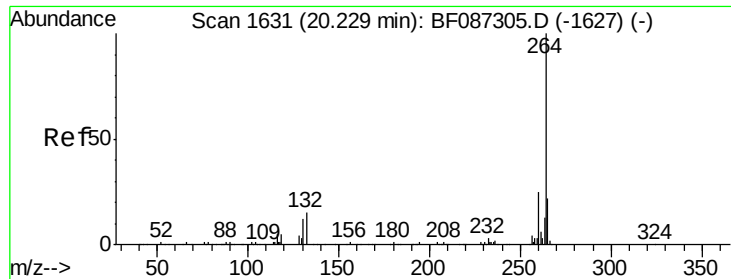


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

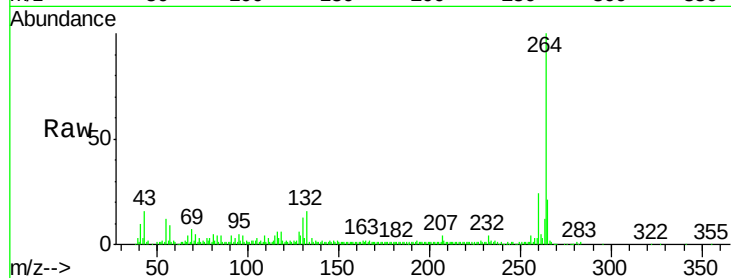




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.09 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	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

