

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087322.D
 Acq On : 24 May 2016 3:56
 Operator : UM/SJ
 Sample : H3187-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-2

Quant Time: May 24 05:31:06 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

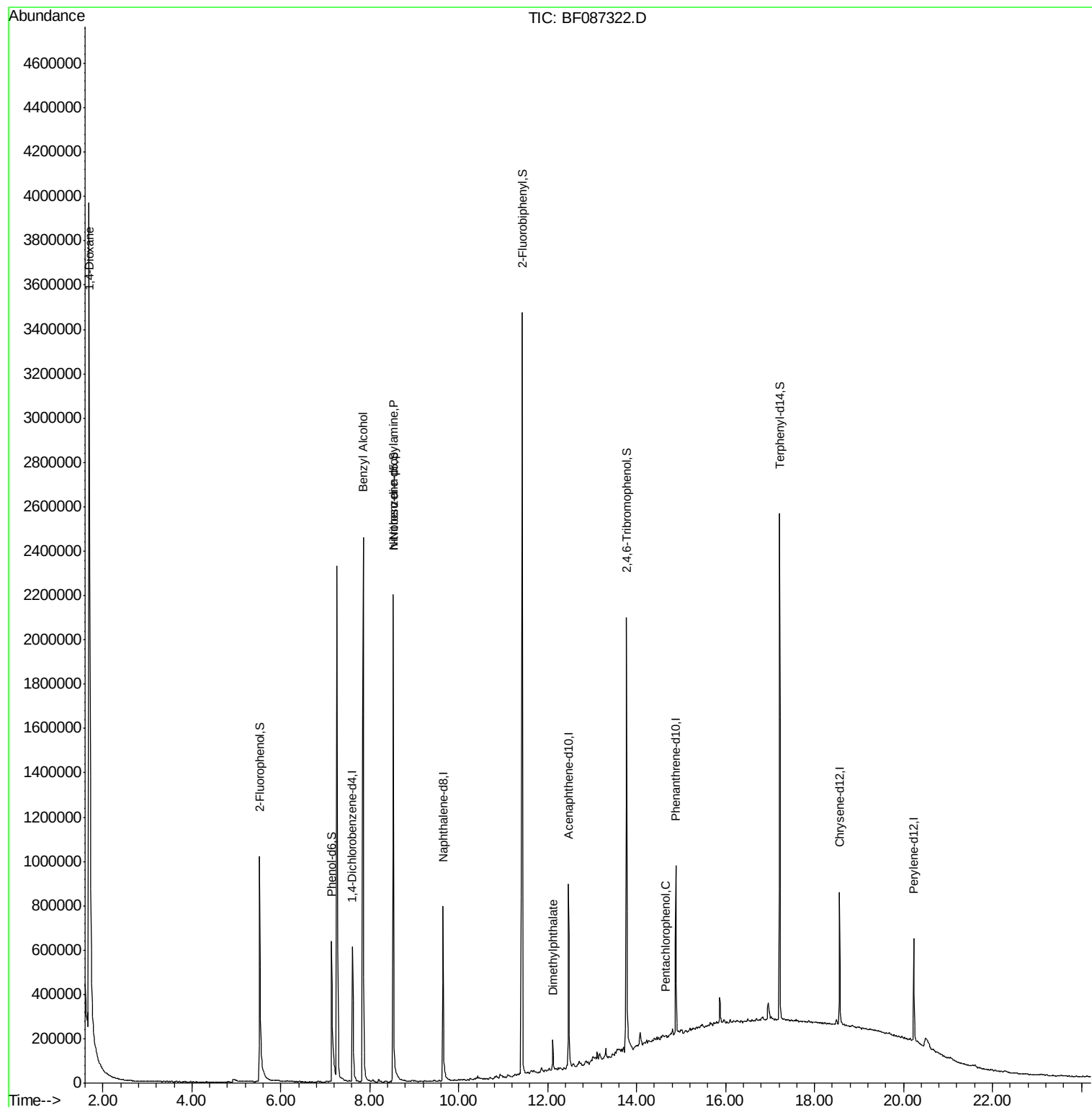
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	129859	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	518668	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	232414	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	398910	20.00	ng	0.00
75) Chrysene-d12	18.56	240	259401	20.00	ng	0.00
86) Perylene-d12	20.23	264	212306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	474775	64.24	ng	0.00
7) Phenol-d6	7.14	99	406321	40.69	ng	-0.02
23) Nitrobenzene-d5	8.52	82	928706	90.24	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	304589	136.38	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1595683	96.79	ng	0.00
78) Terphenyl-d14	17.21	244	947616	77.66	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	180384	46.26	ng	# 22
15) Benzyl Alcohol	7.85	79	16164	2.22	ng	# 41
19) n-Nitroso-di-n-propylamine	8.52	70	127700	17.15	ng	# 75
49) Dimethylphthalate	12.11	163	67362	3.62	ng	98
69) Pentachlorophenol	14.64	266	1134	6.92	ng	# 17

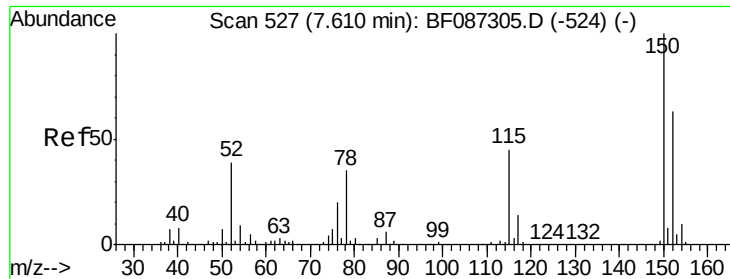
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-2

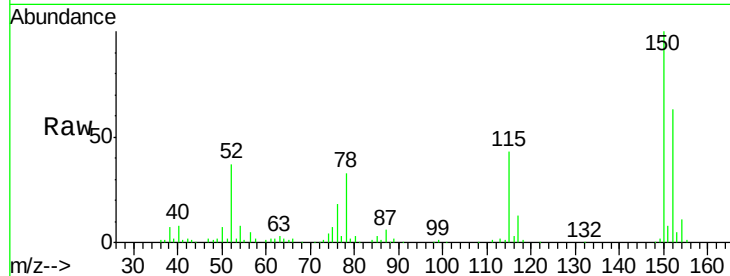
Tgt Ion: 152 Resp: 129859

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

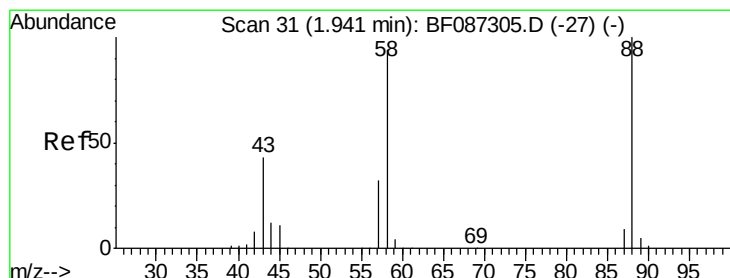
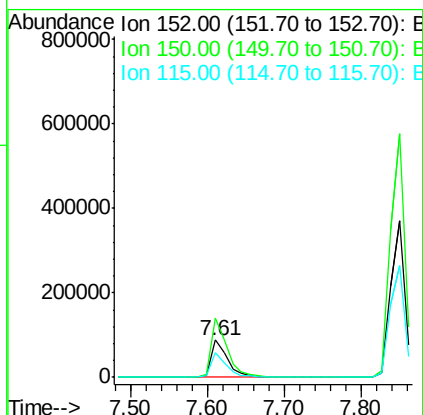
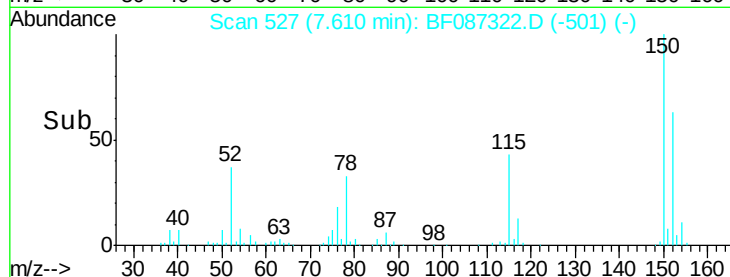
115 68.0 51.5 77.3



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



#2

1,4-Dioxane

Concen: 46.26 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

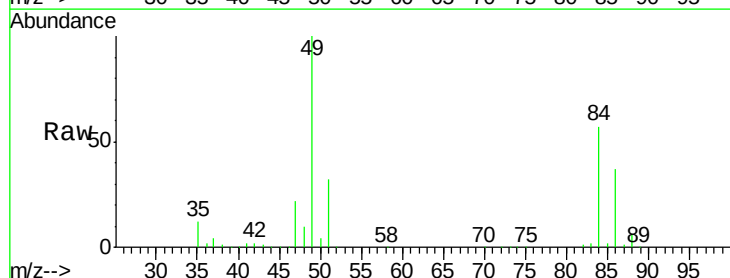
Tgt Ion: 88 Resp: 180384

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

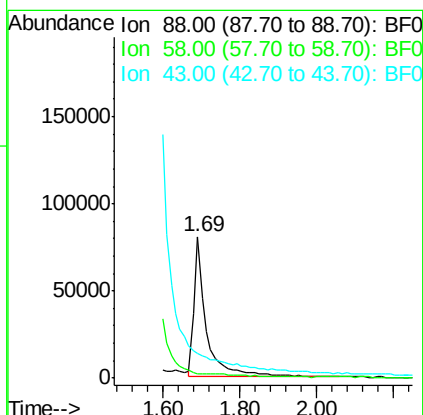
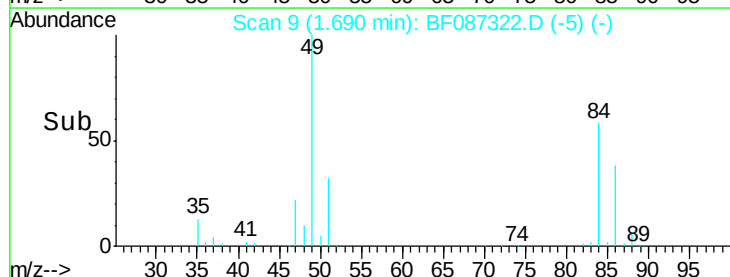
43 0.0 21.8 32.6#

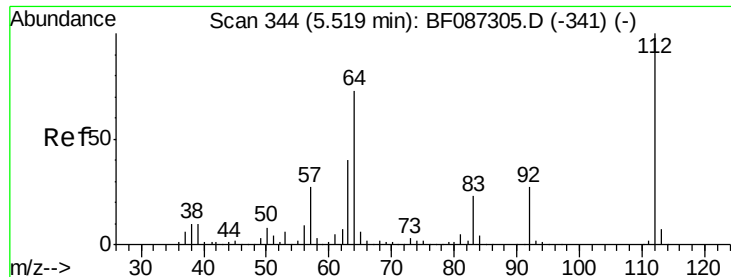


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

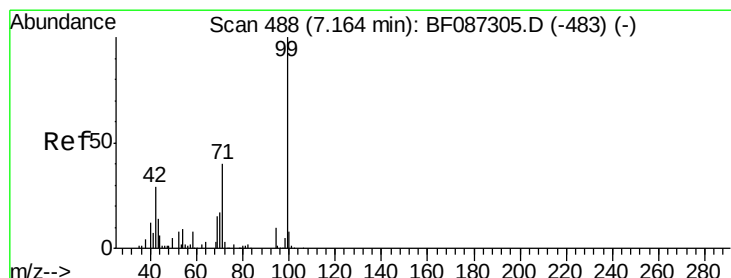
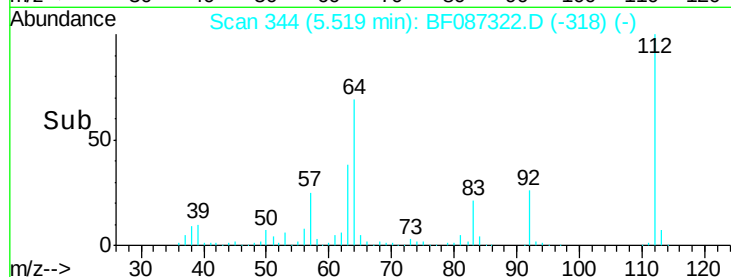
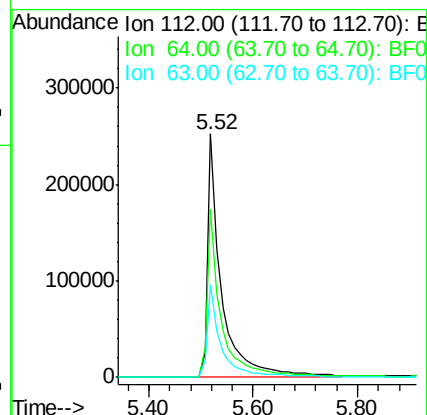
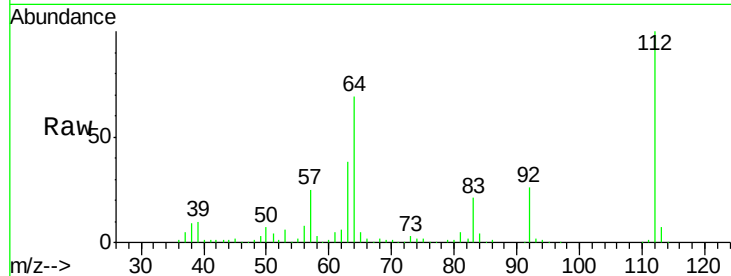




#5
 2-Fluorophenol
 Concen: 64.24 ng
 RT: 5.52 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: BF087322.D
 Acq: 24 May 2016 3:56

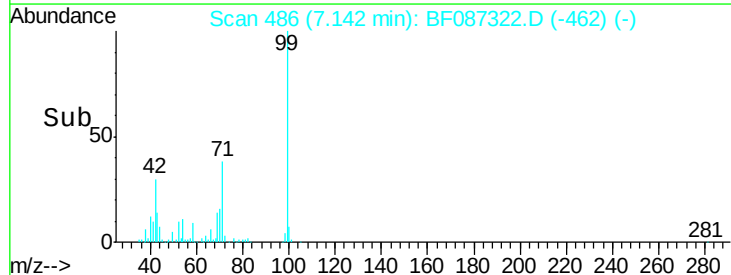
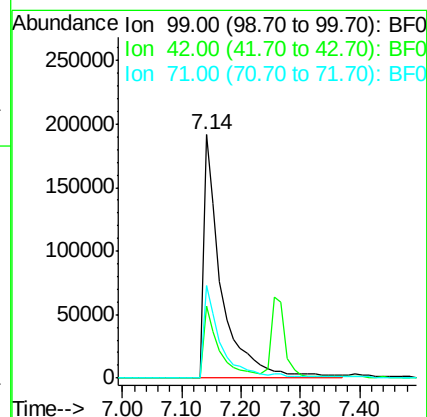
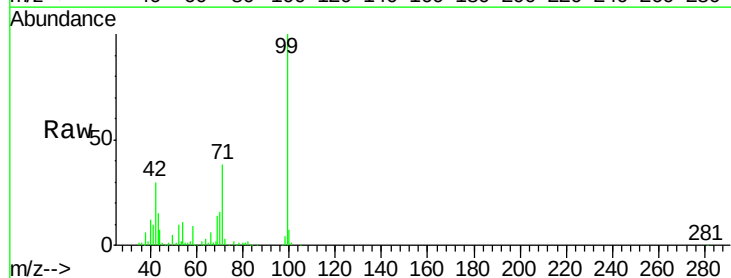
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-2

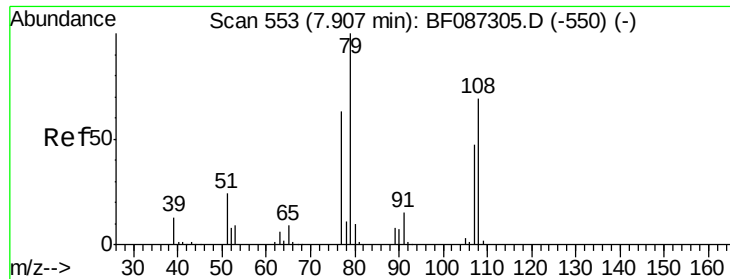
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	52.1	78.1
63	37.8	25.7	38.5



#7
 Phenol-d6
 Concen: 40.69 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: BF087322.D
 Acq: 24 May 2016 3:56

Tgt Ion	Ratio	Lower	Upper
99	100		
42	29.8	13.6	20.4#
71	38.2	24.6	36.8#





#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.06 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-2

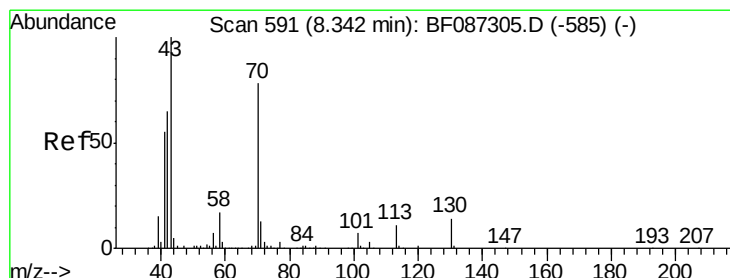
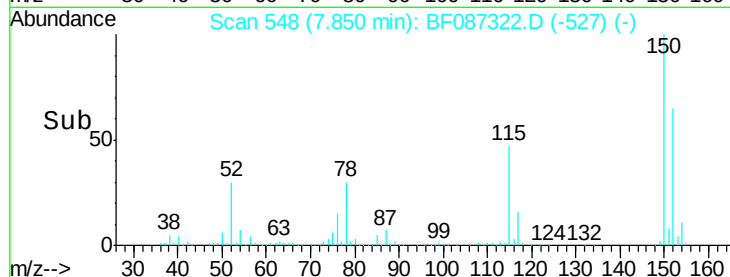
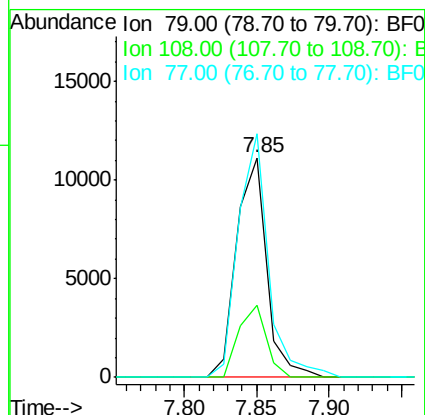
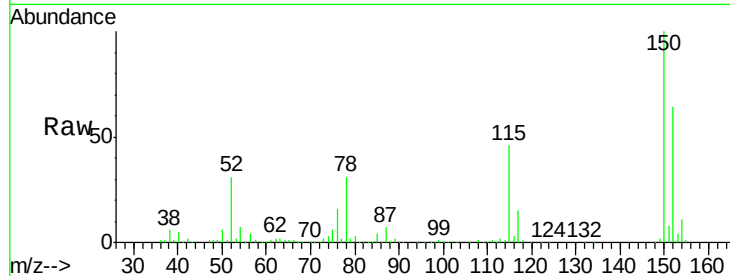
Tgt Ion: 79 Resp: 16164

Ion Ratio Lower Upper

79 100

108 32.8 68.4 102.6#

77 110.8 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.15 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.18 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Tgt Ion: 70 Resp: 127700

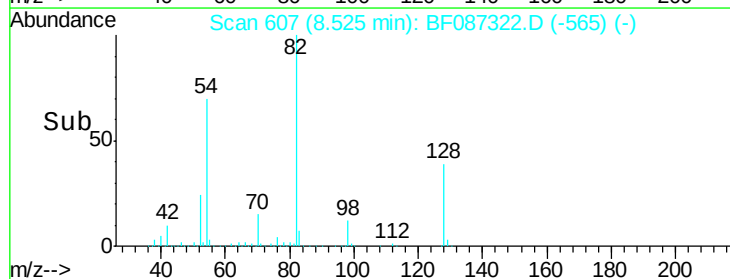
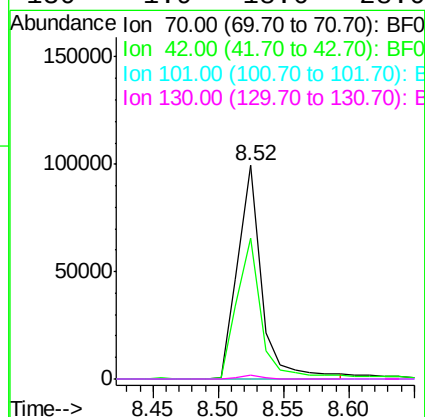
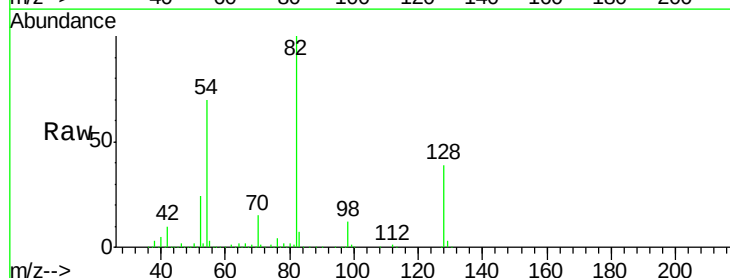
Ion Ratio Lower Upper

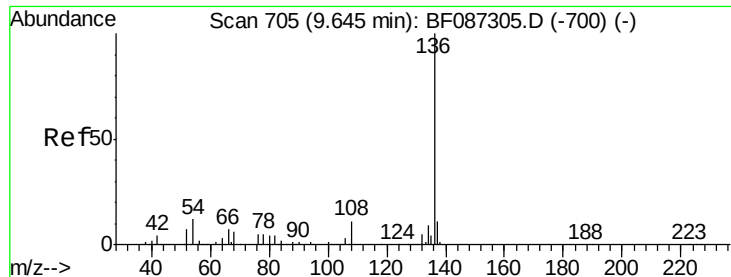
70 100

42 66.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

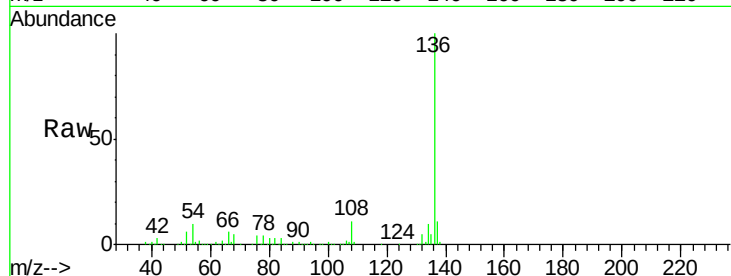




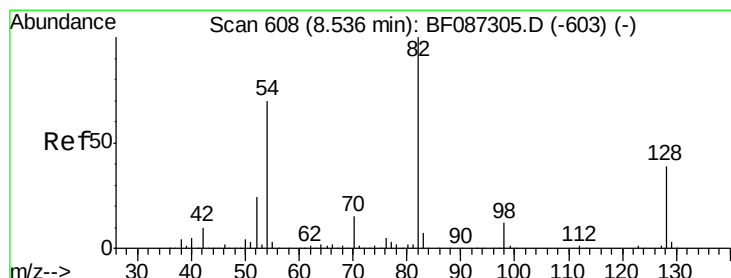
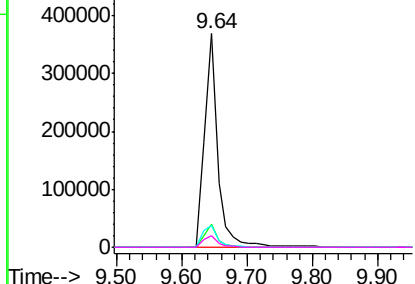
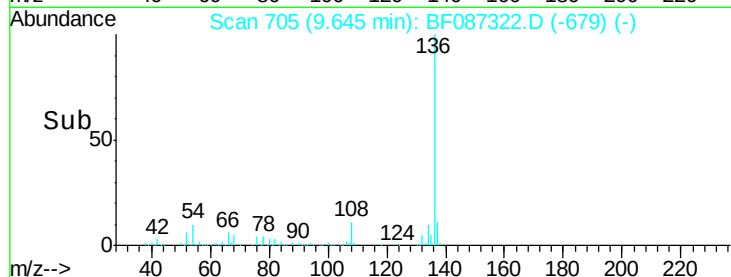
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087322.D
Acq: 24 May 2016 3:56

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-2

Tgt Ion:	136	Resp:	518668
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.4	5.0	7.4#
68	5.5	4.4	6.6

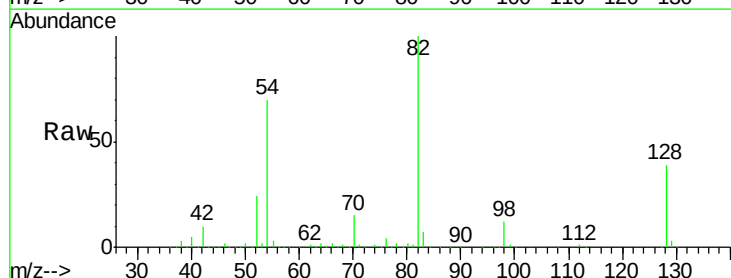


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

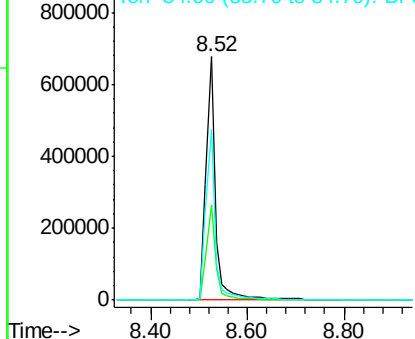
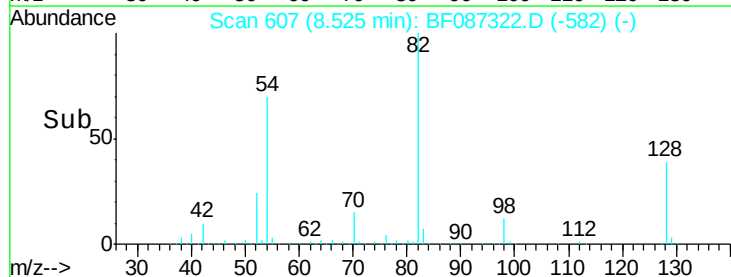


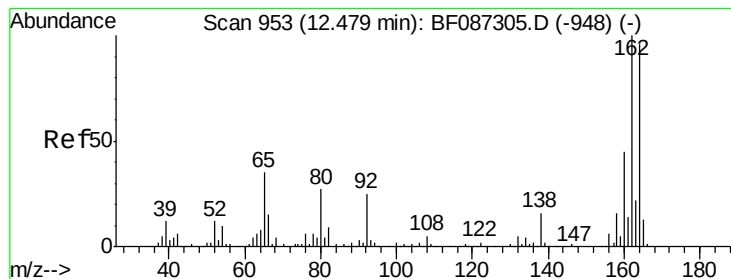
#23
Nitrobenzene-d5
Concen: 90.24 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF087322.D
Acq: 24 May 2016 3:56

Tgt Ion:	82	Resp:	928706
Ion	Ratio	Lower	Upper
82	100		
128	39.2	40.6	61.0#
54	70.3	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: BF087322.D

Acq: 24 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-2

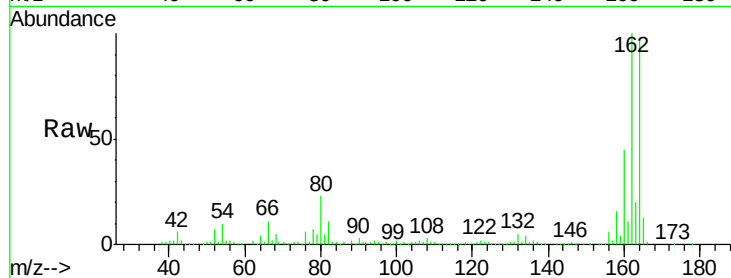
Tgt Ion:164 Resp: 232414

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

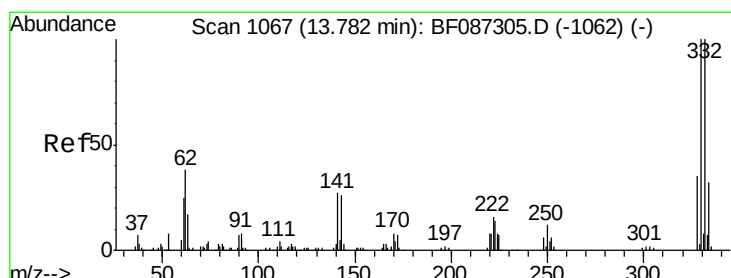
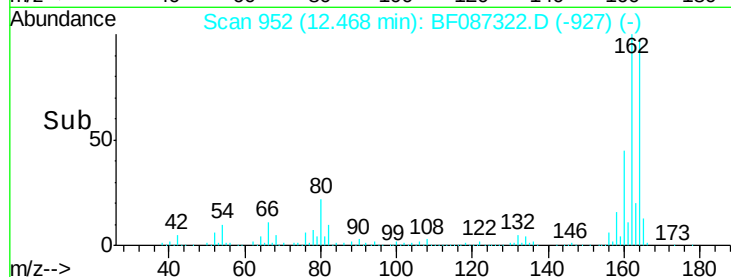
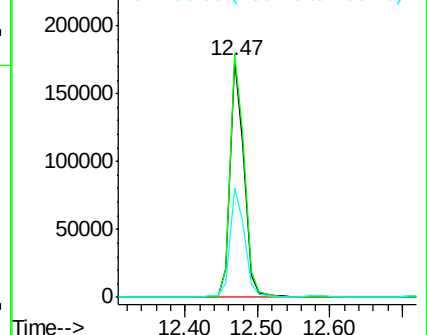
160 46.4 36.9 55.3



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: 136.38 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

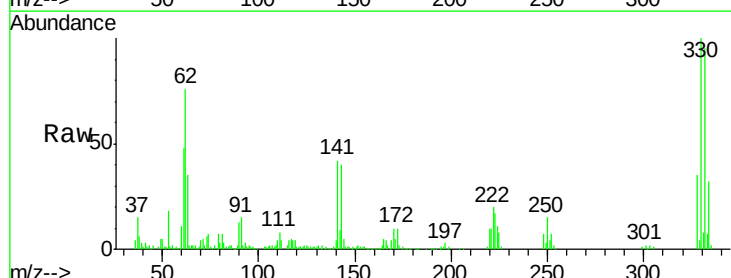
Tgt Ion:330 Resp: 304589

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

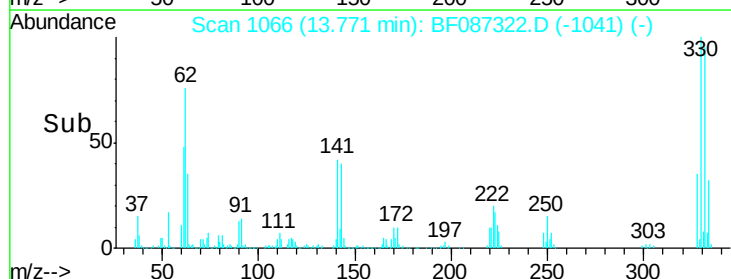
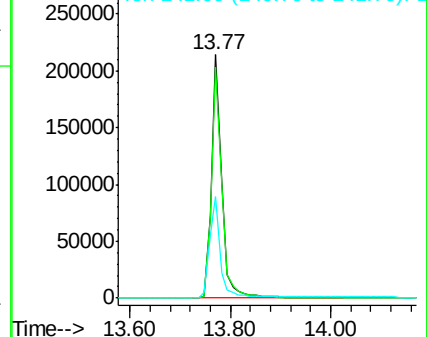
141 43.2 31.2 46.8

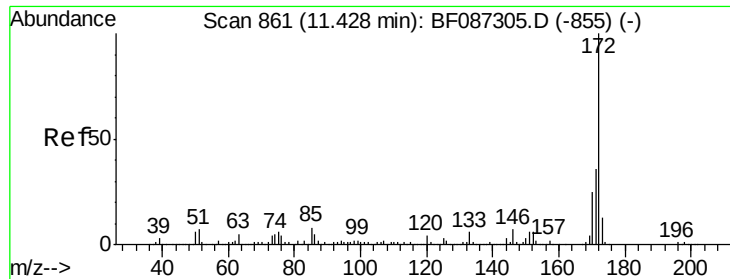


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

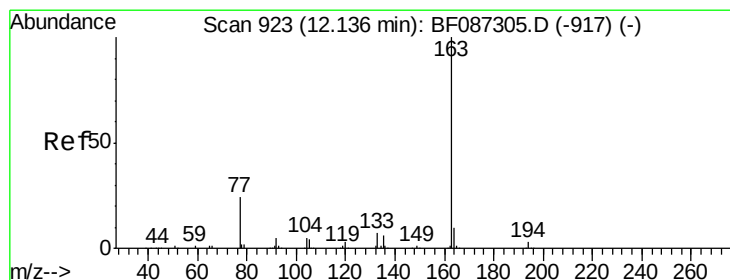
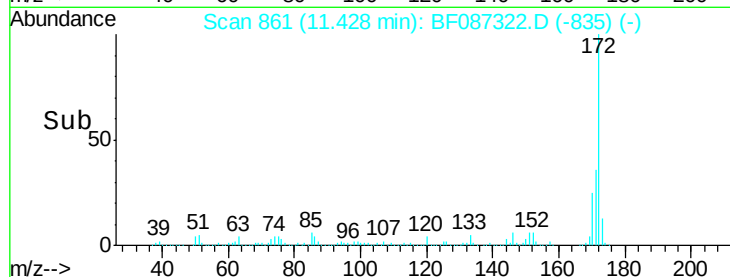
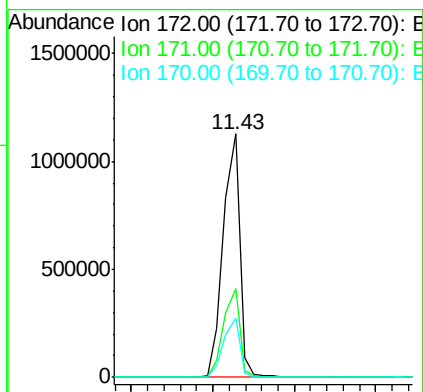
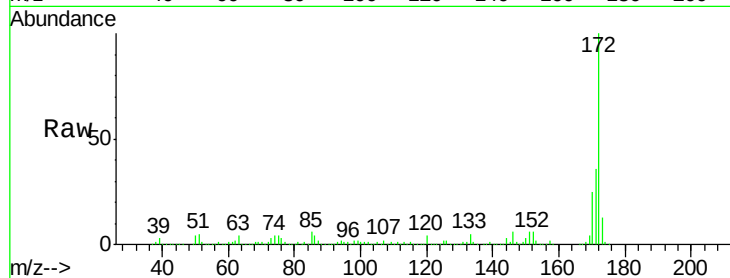




#44
 2-Fluorobiphenyl
 Concen: 96.79 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087322.D
 Acq: 24 May 2016 3:56

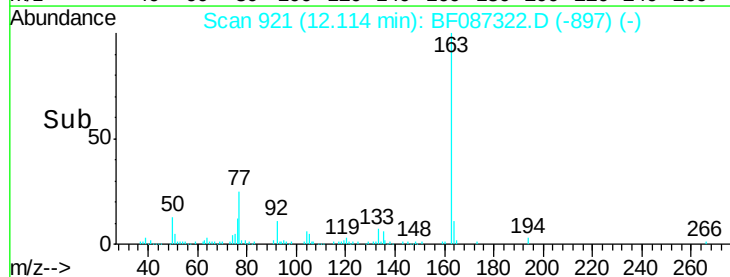
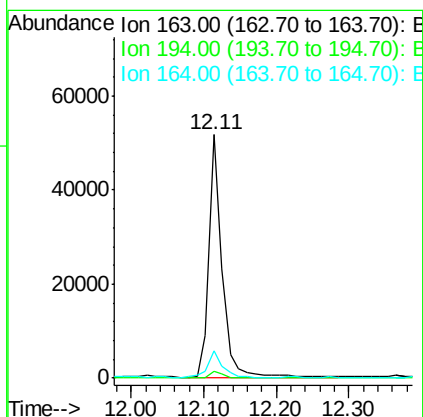
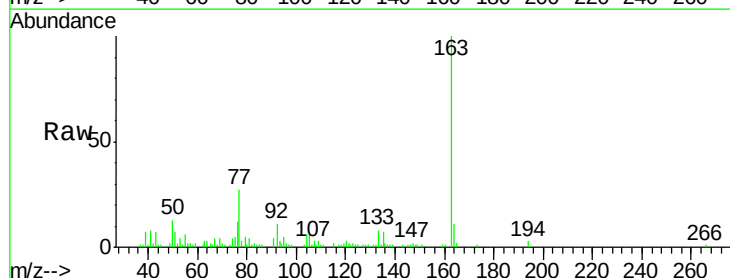
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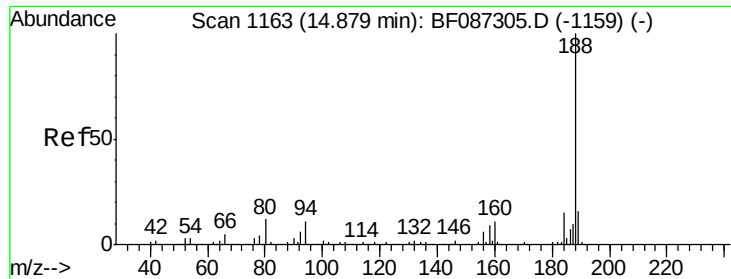
Tgt Ion:172 Resp: 1595683
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.6 19.8 29.8



#49
 Dimethylphthalate
 Concen: 3.62 ng
 RT: 12.11 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BF087322.D
 Acq: 24 May 2016 3:56

Tgt Ion:163 Resp: 67362
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.6 4.0
 164 11.3 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-2

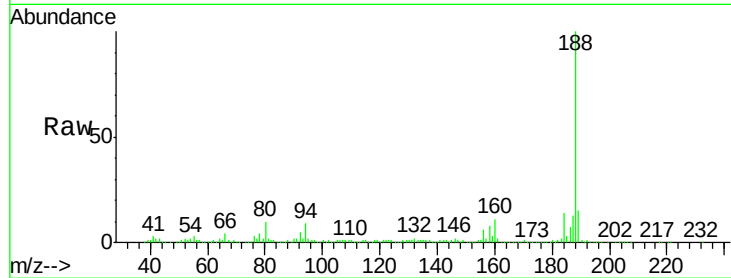
Tgt Ion:188 Resp: 398910

Ion Ratio Lower Upper

188 100

94 9.1 6.8 10.2

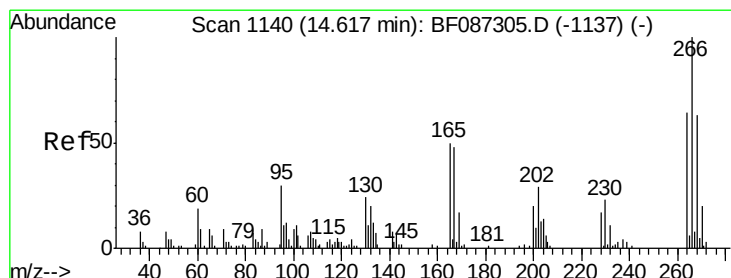
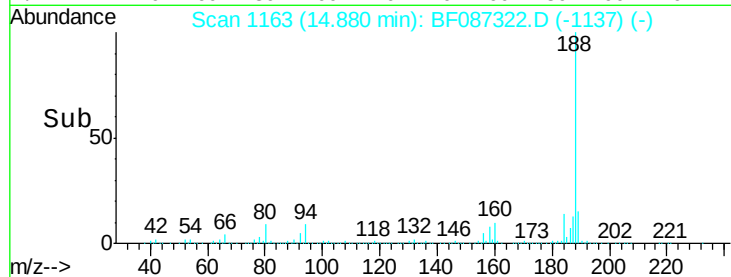
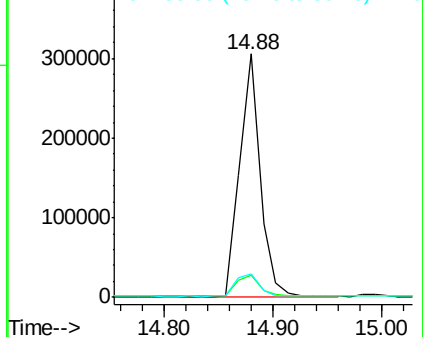
80 9.7 7.1 10.7



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



#69

Pentachlorophenol

Concen: 6.92 ng

RT: 14.64 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

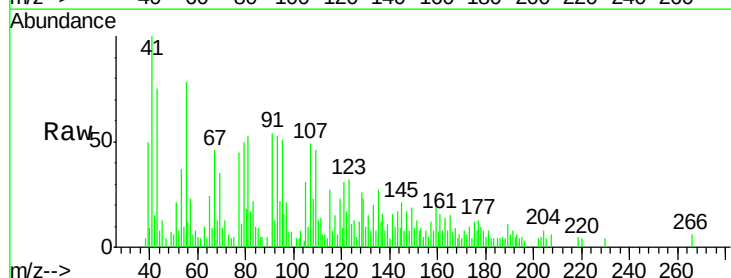
Tgt Ion:266 Resp: 1134

Ion Ratio Lower Upper

266 100

268 0.0 51.5 77.3#

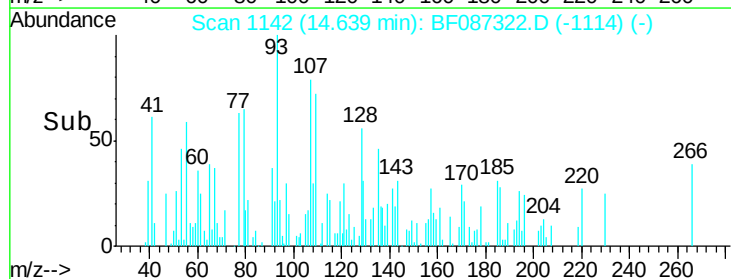
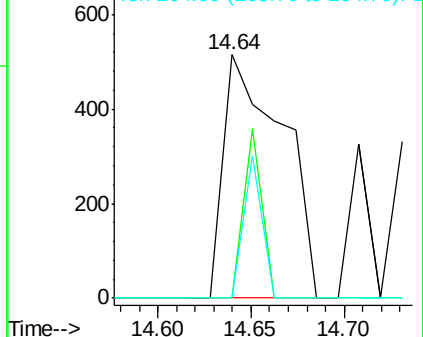
264 0.0 52.9 79.3#

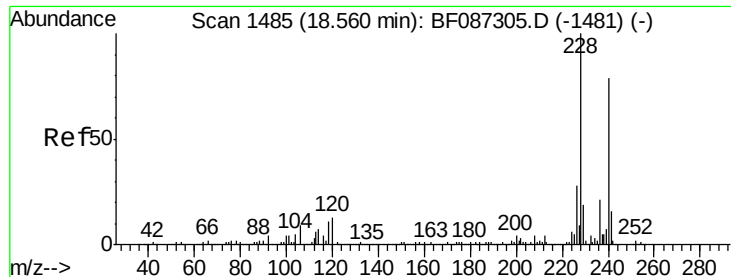


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-2

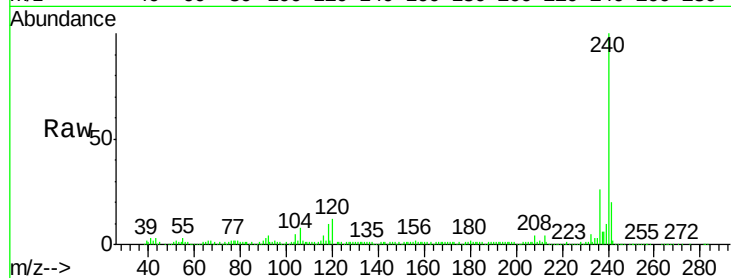
Tgt Ion:240 Resp: 259401

Ion Ratio Lower Upper

240 100

120 11.7 11.2 16.8

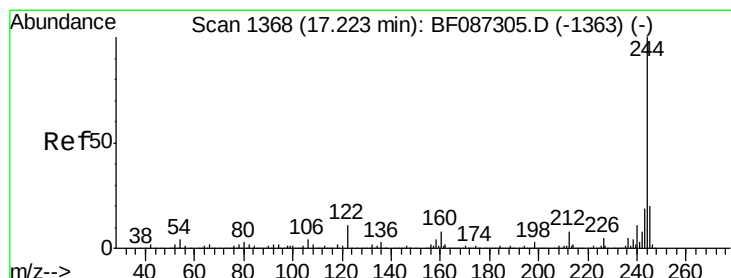
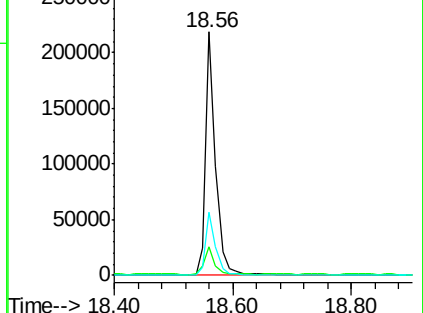
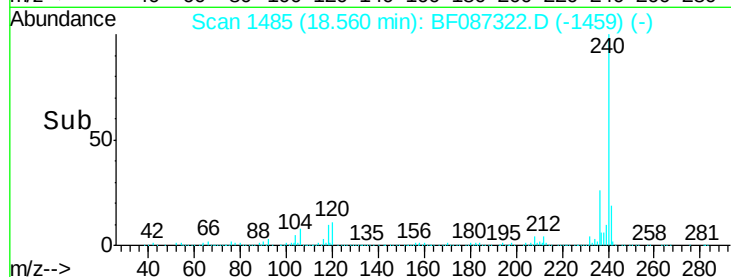
236 26.2 21.2 31.8



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: 77.66 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087322.D

Acq: 24 May 2016 3:56

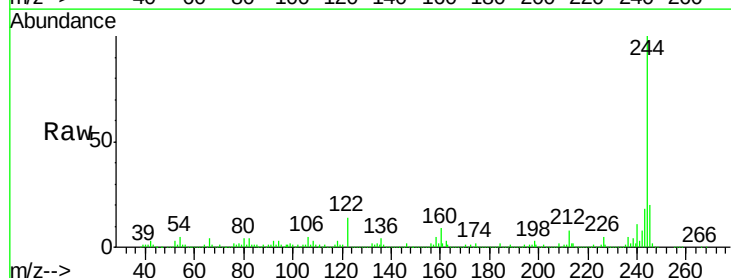
Tgt Ion:244 Resp: 947616

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

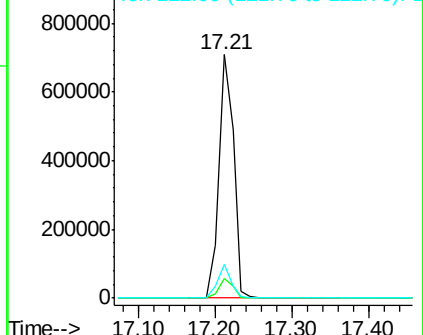
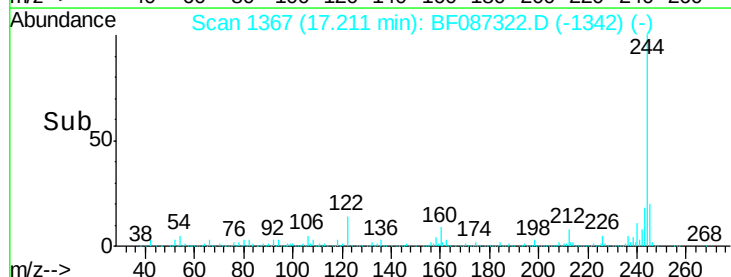
122 14.0 12.0 18.0

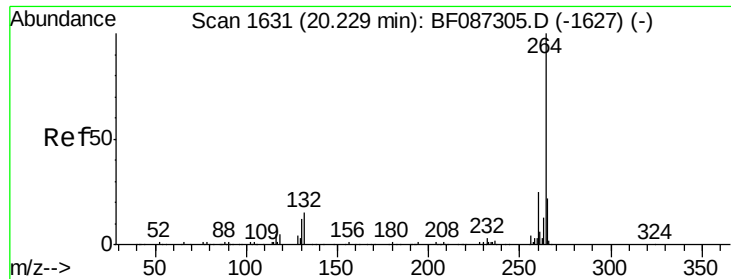


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.23 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BF087322.D
Acq: 24 May 2016 3:56

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-2

Tgt Ion: 264 Resp: 212306
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 22.2 17.3 25.9

