

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087195.D
 Acq On : 19 May 2016 19:07
 Operator : UM/SJ
 Sample : H3143-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-RAMP-AC(0-2)

Quant Time: May 20 02:33:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

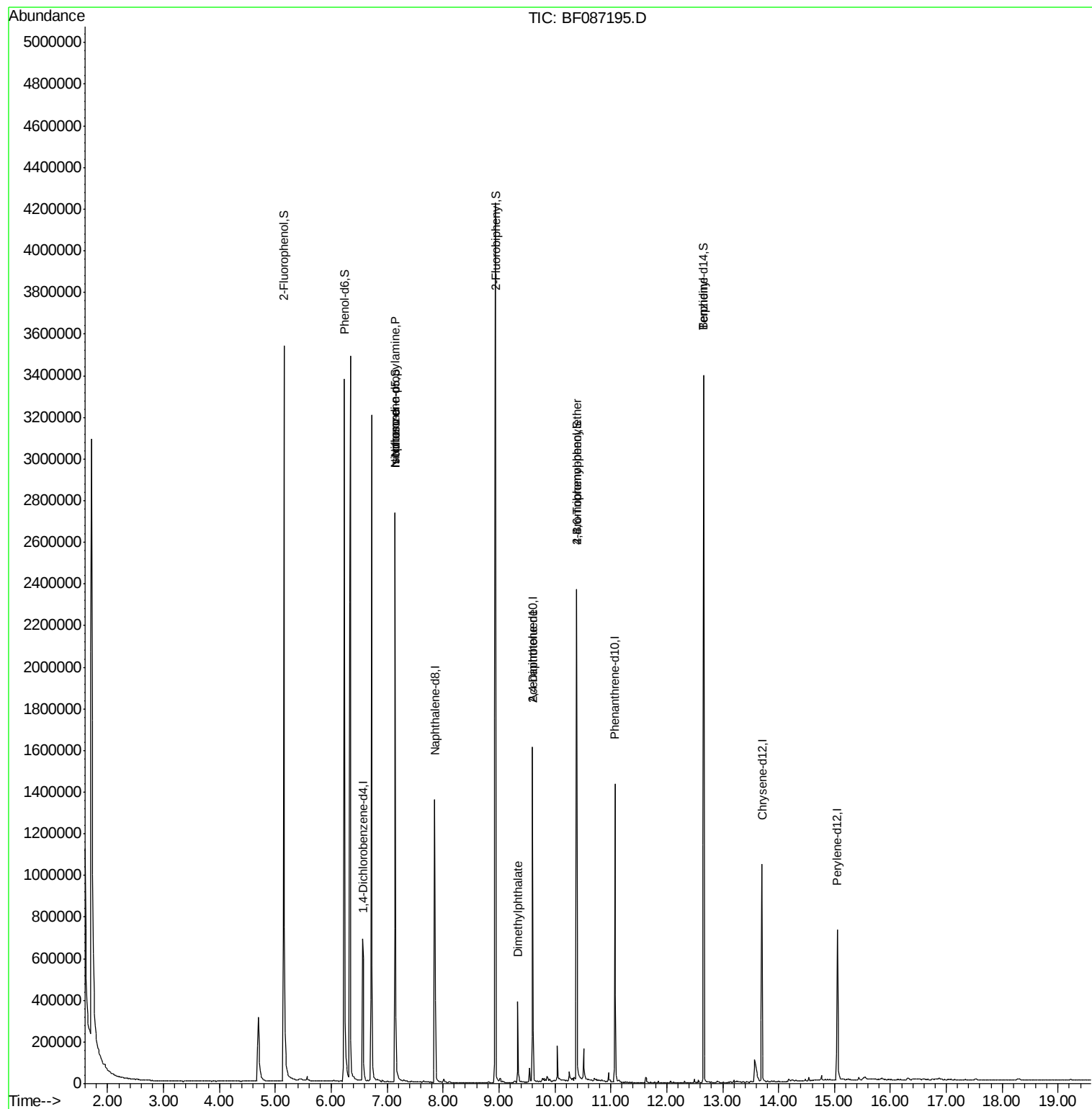
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	138821	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	601043	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	286698	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	519659	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	364336	20.00	ng	-0.06
86) Perylene-d12	15.05	264	295864	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	932671	112.93	ng	-0.05
7) Phenol-d6	6.24	99	1386773	125.19	ng	-0.05
23) Nitrobenzene-d5	7.14	82	863953	71.64	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	273758	86.41	ng	-0.06
44) 2-Fluorobiphenyl	8.94	172	1361539	78.65	ng	-0.05
78) Terphenyl-d14	12.66	244	1000354	62.11	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	123450	14.66	ng	# 74
25) Isophorone	7.14	82	702843	31.84	ng	# 68
49) Dimethylphthalate	9.34	163	141026	6.45	ng	99
56) 2,4-Dinitrotoluene	9.60	165	36502	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	16165	3.02	ng	# 1
76) Benzidine	12.66	184	16444	2.17	ng	95

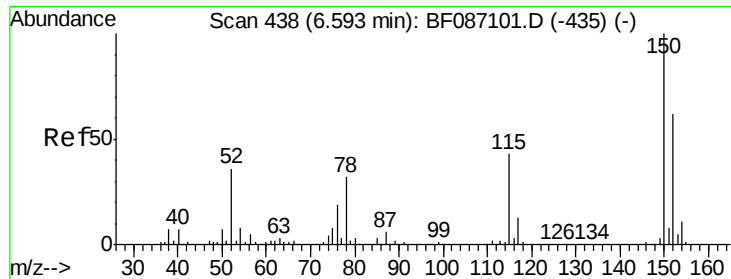
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

1-RAMP-AC(0-2)

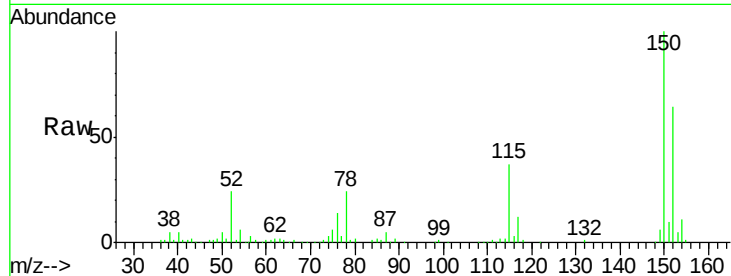
Tgt Ion:152 Resp: 138821

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

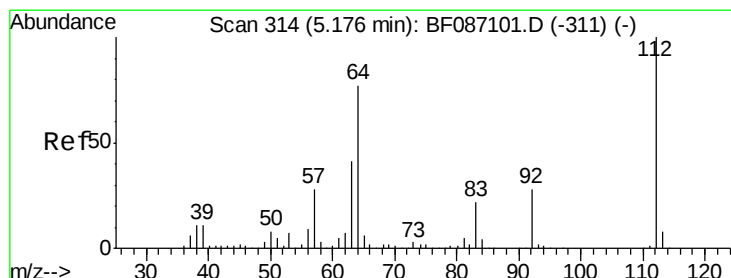
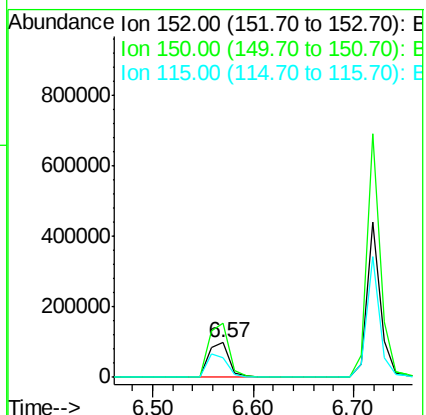
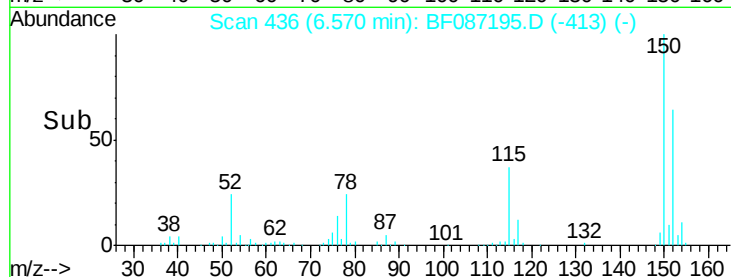
115 57.0 51.5 77.3



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: 112.93 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

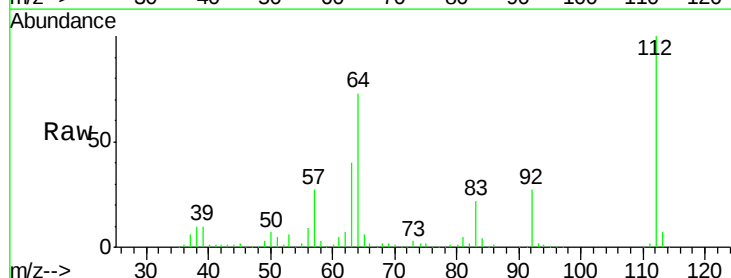
Tgt Ion:112 Resp: 932671

Ion Ratio Lower Upper

112 100

64 73.4 52.1 78.1

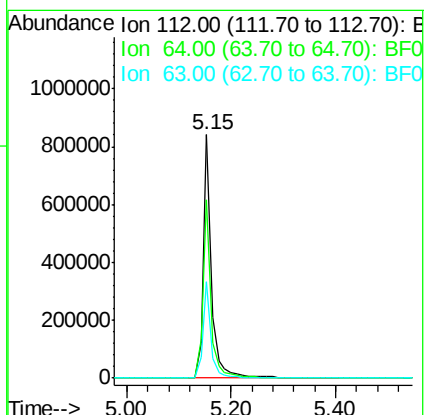
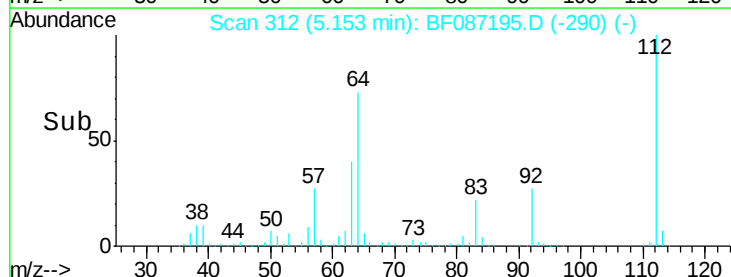
63 39.8 25.7 38.5#

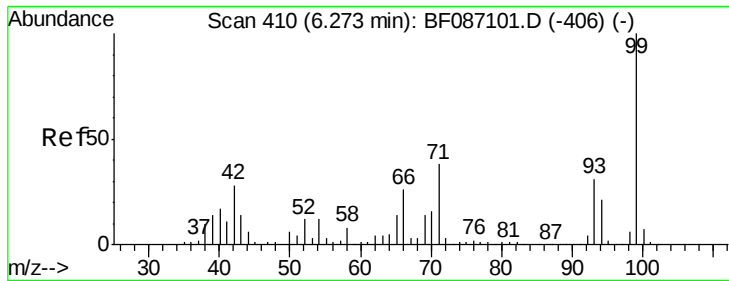


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.19 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

1-RAMP-AC(0-2)

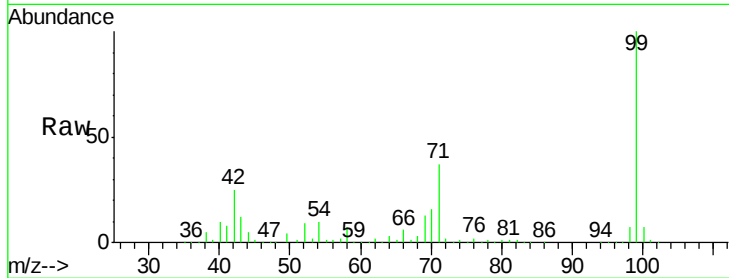
Tgt Ion: 99 Resp: 1386773

Ion Ratio Lower Upper

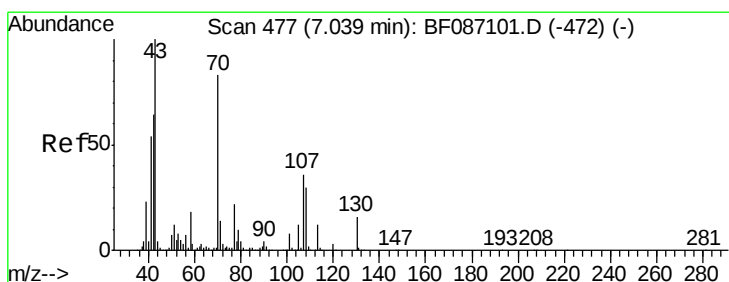
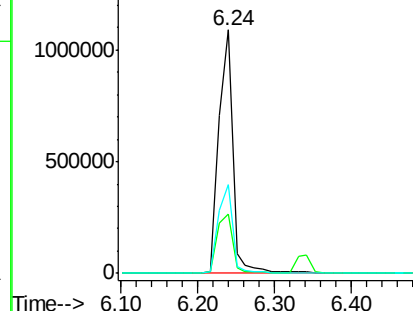
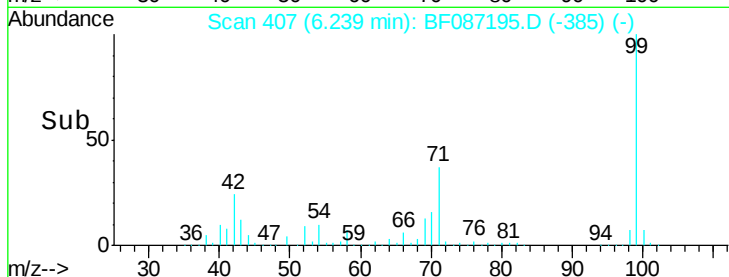
99 100

42 24.5 13.6 20.4#

71 36.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.66 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.09 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

Tgt Ion: 70 Resp: 123450

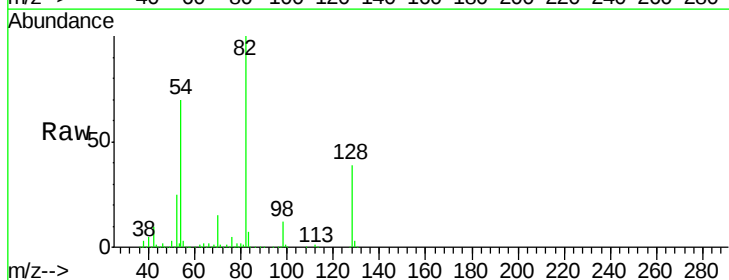
Ion Ratio Lower Upper

70 100

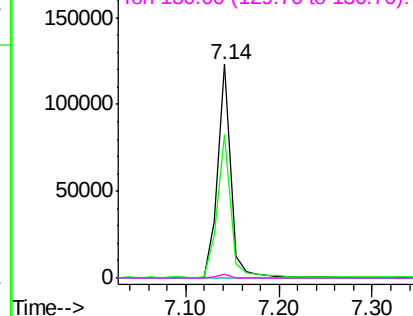
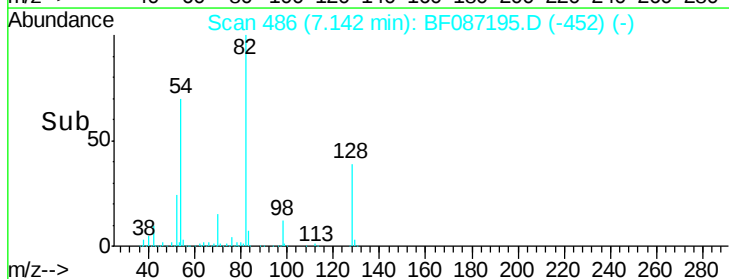
42 67.3 43.1 64.7#

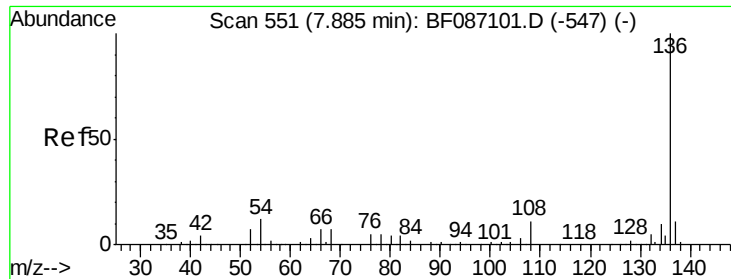
101 0.0 8.1 12.1#

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): BF0
Ion 130.00 (129.70 to 130.70): BF0

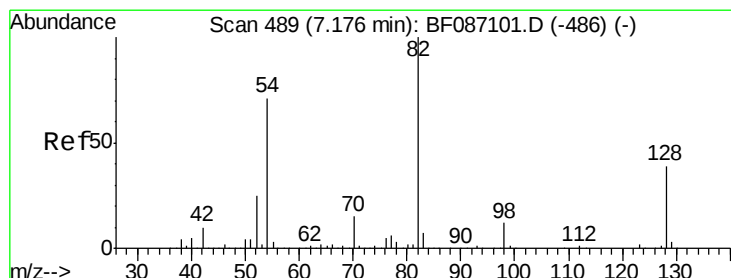
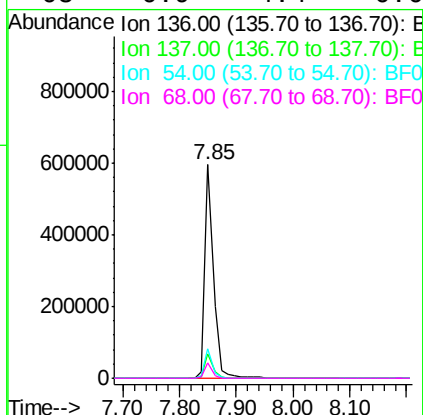
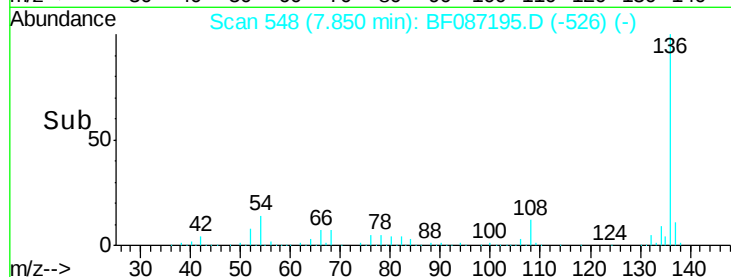
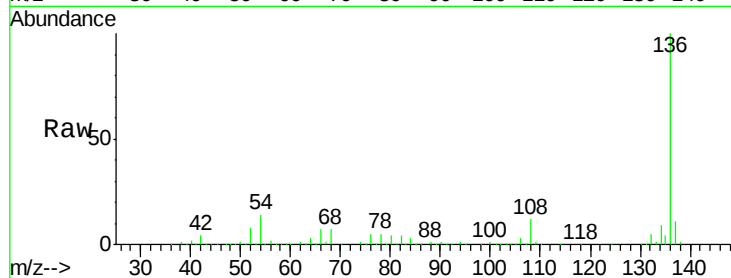




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087195.D
Acq: 19 May 2016 19:07

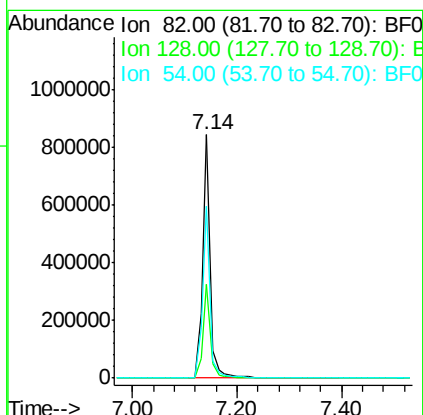
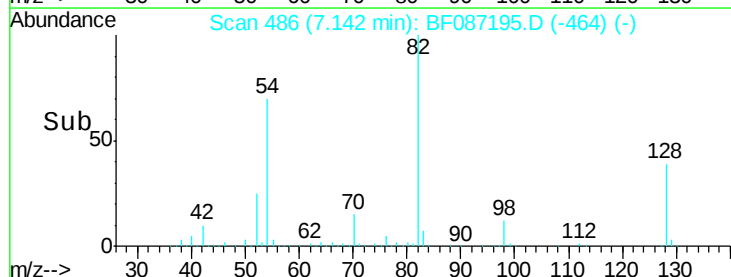
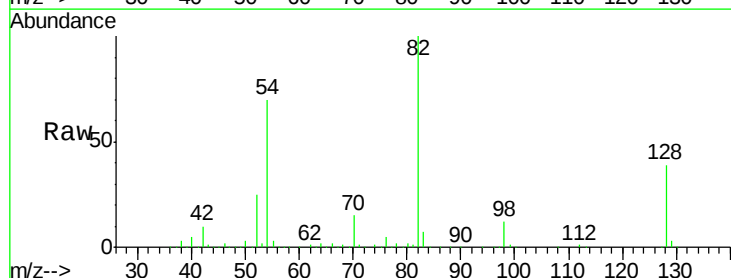
Instrument :
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ClientSampleId :
1-RAMP-AC(0-2)

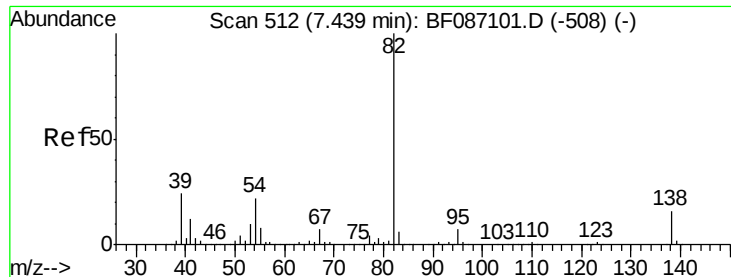
Tgt Ion:	136	Resp:	601043
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.6	5.0	7.4#
68	6.9	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 71.64 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087195.D
Acq: 19 May 2016 19:07

Tgt Ion:	82	Resp:	863953
Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	70.5	38.1	57.1#





#25

Isophorone

Concen: 31.84 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.31 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

1-RAMP-AC(0-2)

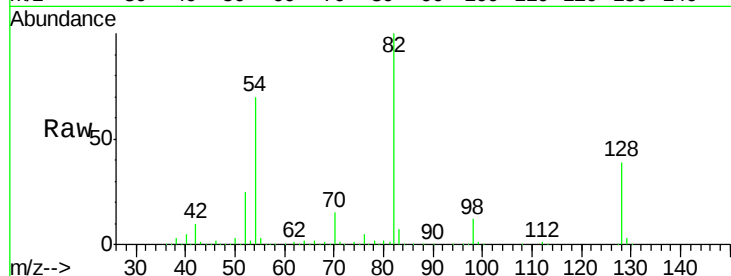
Tgt Ion: 82 Resp: 702843

Ion Ratio Lower Upper

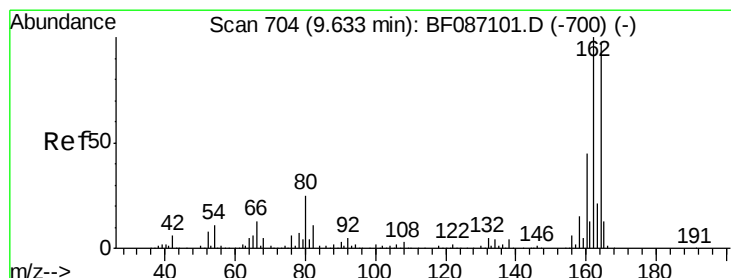
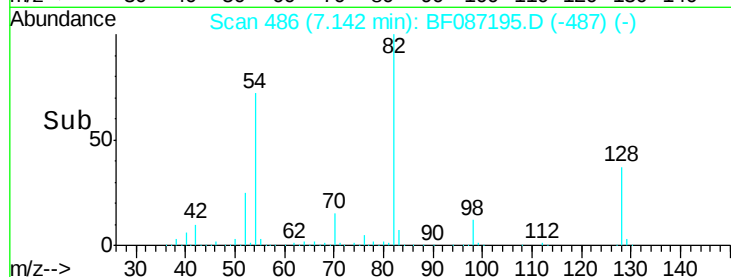
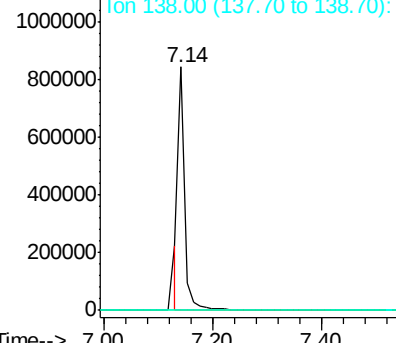
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

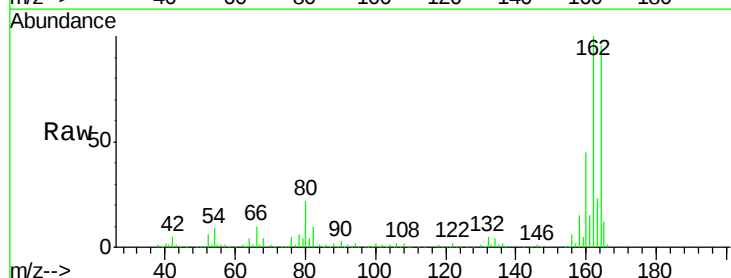
Tgt Ion: 164 Resp: 286698

Ion Ratio Lower Upper

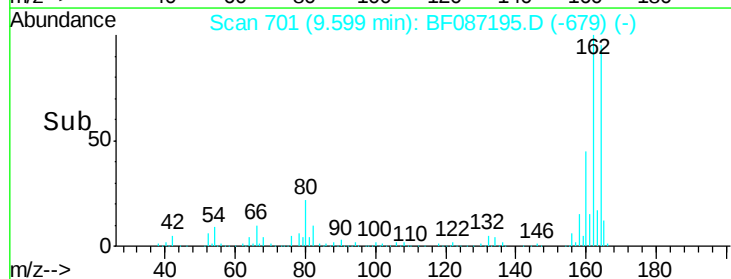
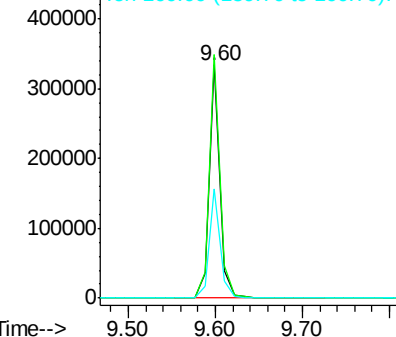
164 100

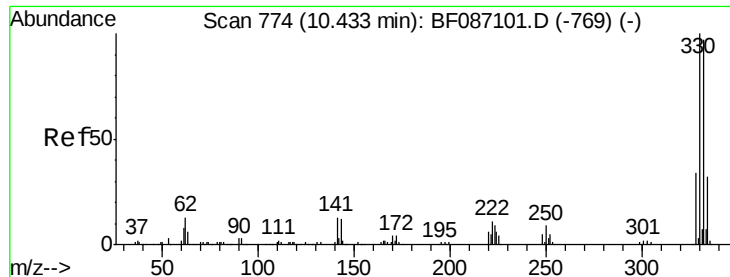
162 104.3 82.8 124.2

160 46.7 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

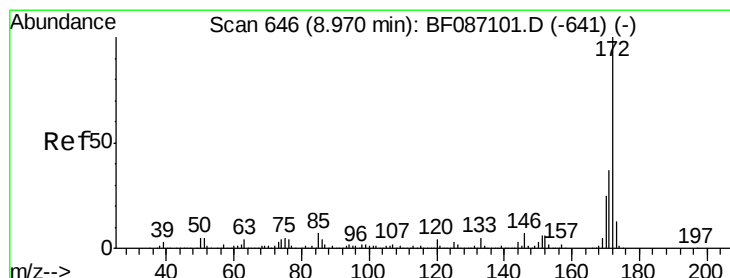
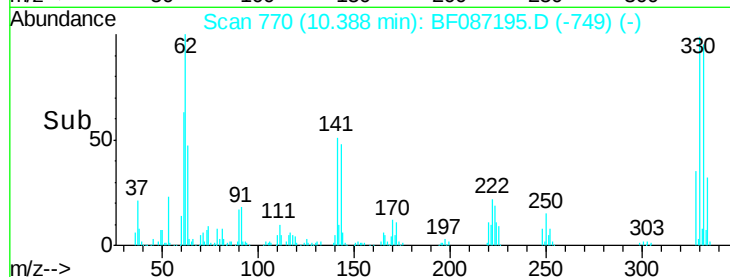
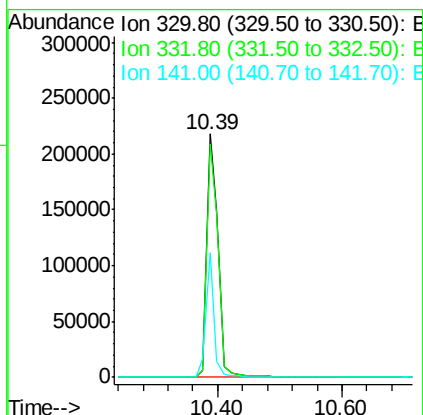
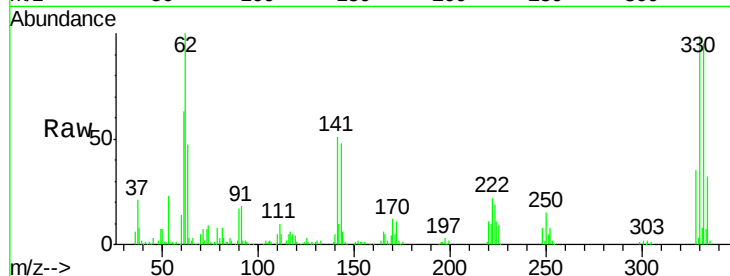




#41
 2,4,6-Tribromophenol
 Concen: 86.41 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087195.D
 Acq: 19 May 2016 19:07

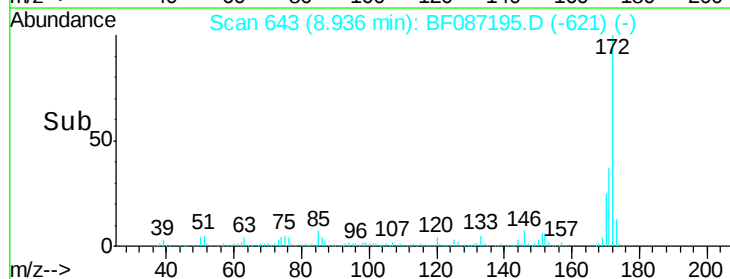
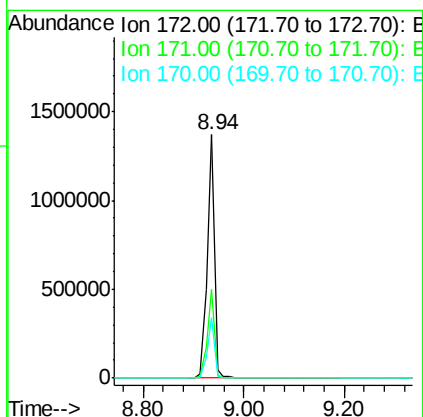
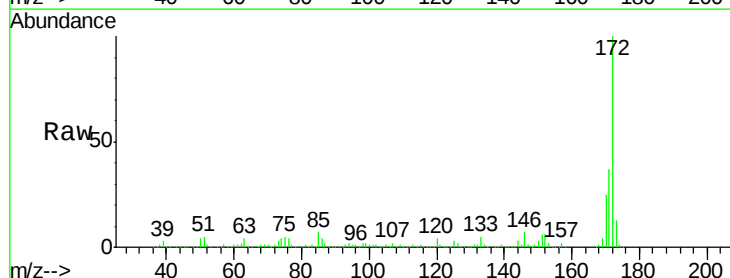
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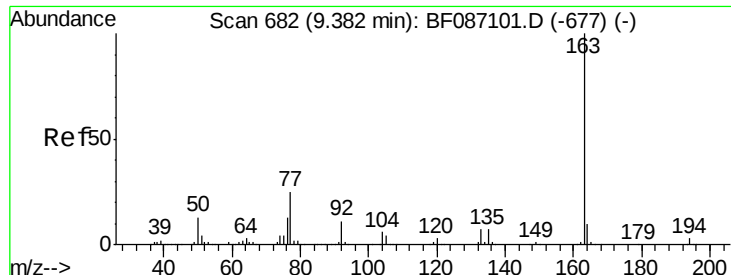
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	38.1	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 78.65 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087195.D
 Acq: 19 May 2016 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.7	19.8	29.8

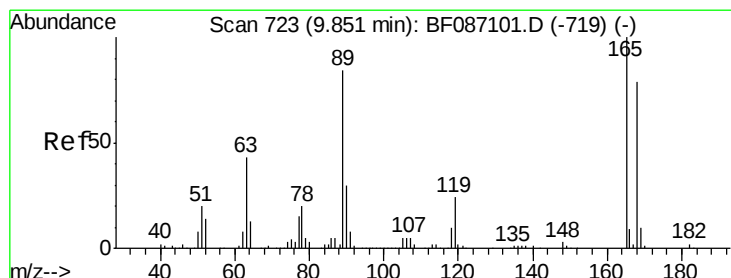
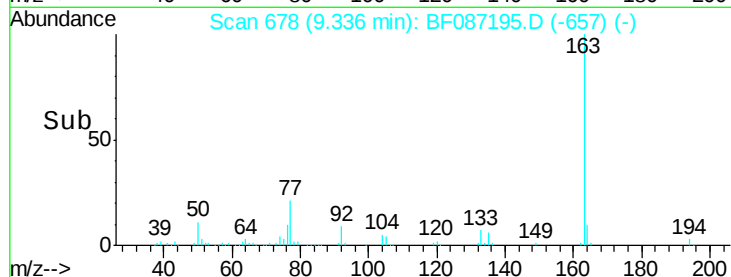
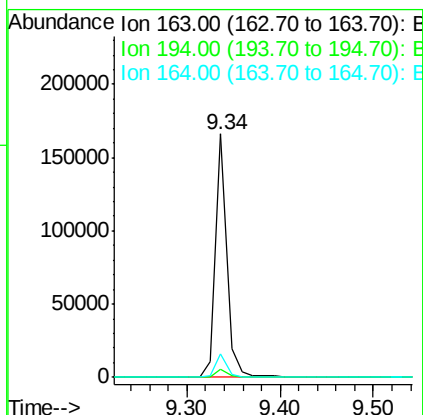
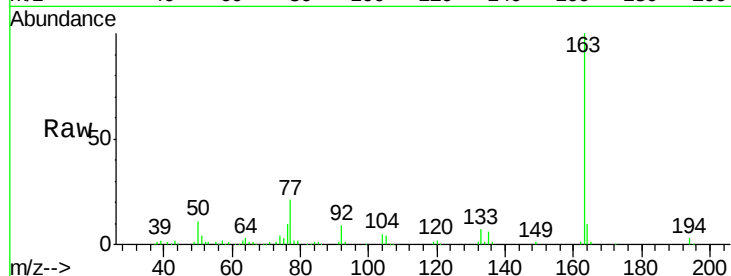




#49
Dimethylphthalate
Concen: 6.45 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF087195.D
Acq: 19 May 2016 19:07

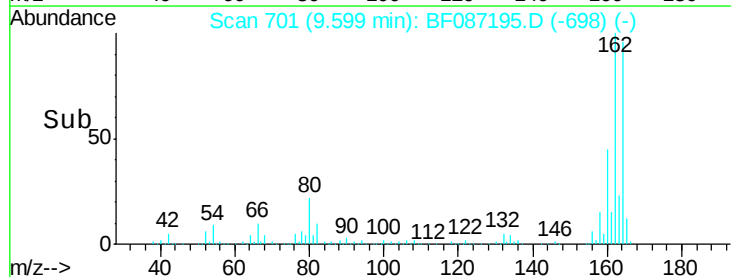
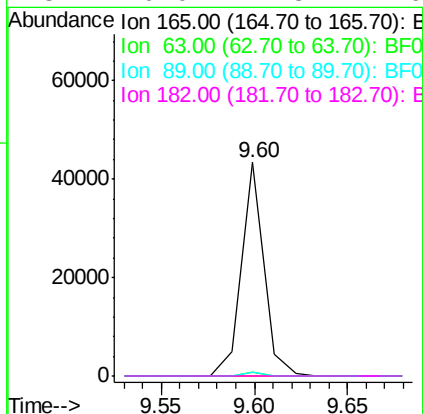
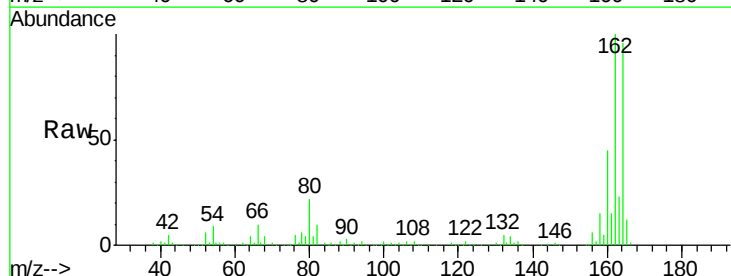
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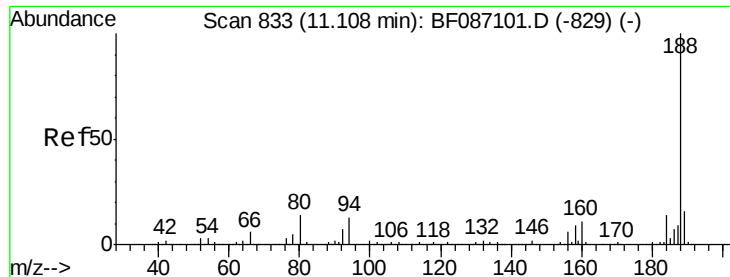
Tgt Ion:163 Resp: 141026
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.6 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.26 min
Lab File: BF087195.D
Acq: 19 May 2016 19:07

Tgt Ion:165 Resp: 36502
Ion Ratio Lower Upper
165 100
63 1.9 44.3 66.5#
89 1.8 70.0 105.0#
182 0.0 1.8 2.6#

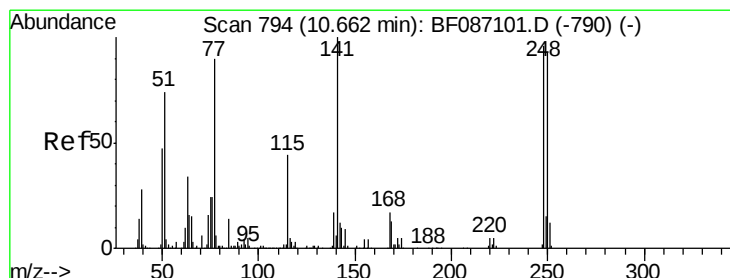
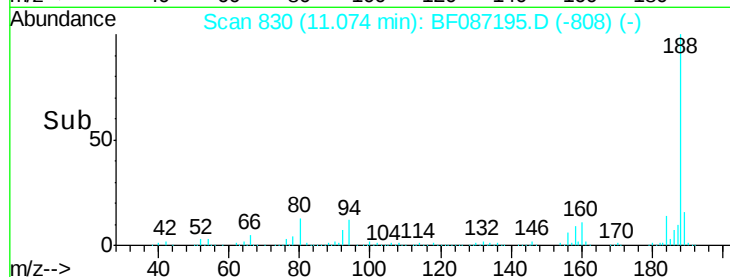
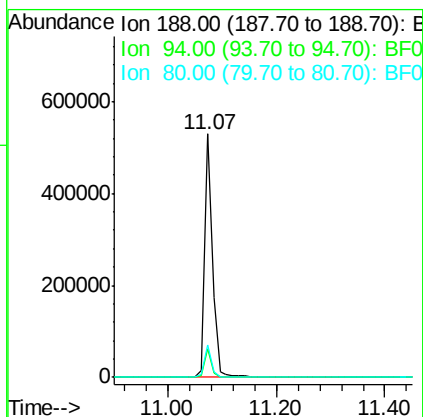
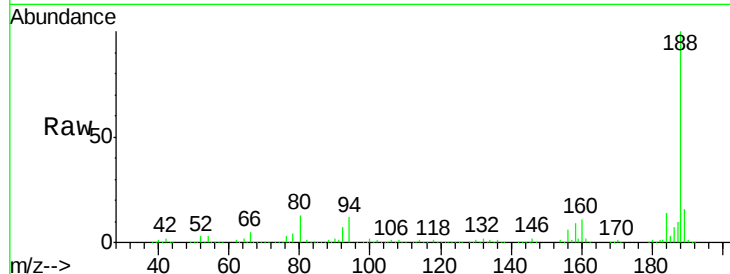




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF087195.D
 Acq: 19 May 2016 19:07

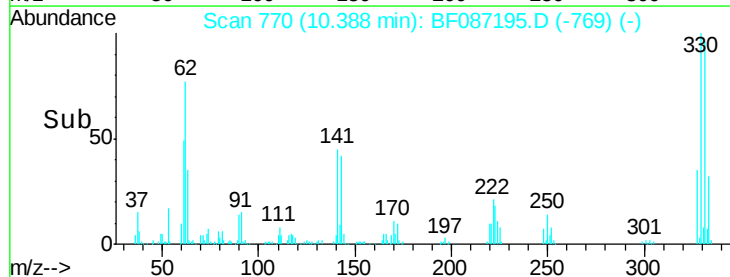
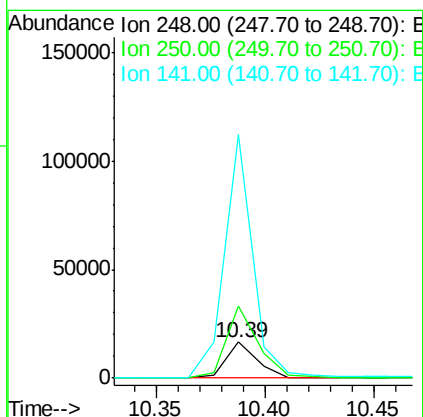
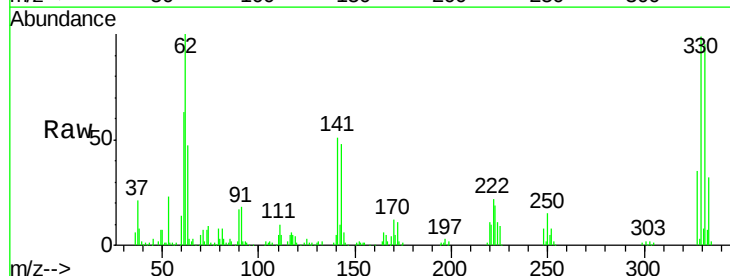
Instrument :
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 ClientSampleId :
 1-RAMP-AC(0-2)

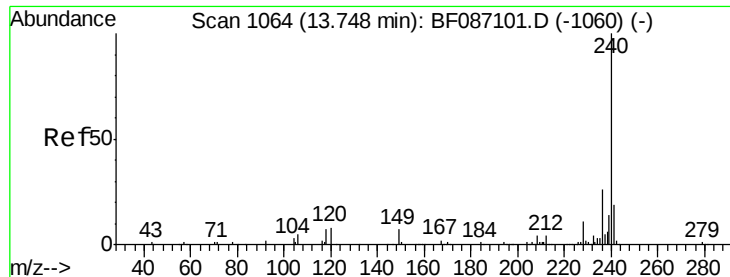
Tgt Ion:188 Resp: 519659
 Ion Ratio Lower Upper
 188 100
 94 11.8 6.8 10.2#
 80 13.1 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.02 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.29 min
 Lab File: BF087195.D
 Acq: 19 May 2016 19:07

Tgt Ion:248 Resp: 16165
 Ion Ratio Lower Upper
 248 100
 250 199.4 78.6 117.8#
 141 677.3 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

1-RAMP-AC(0-2)

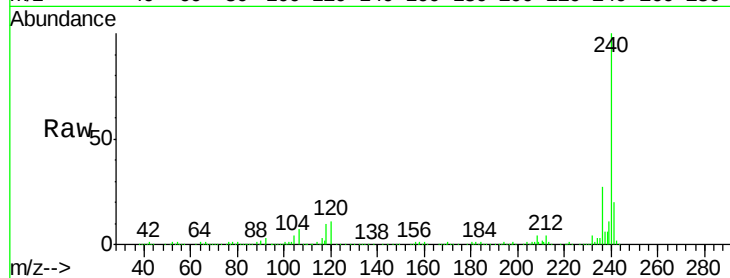
Tgt Ion:240 Resp: 364336

Ion Ratio Lower Upper

240 100

120 10.8 11.2 16.8#

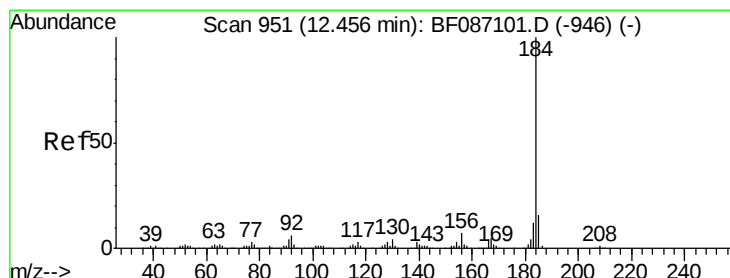
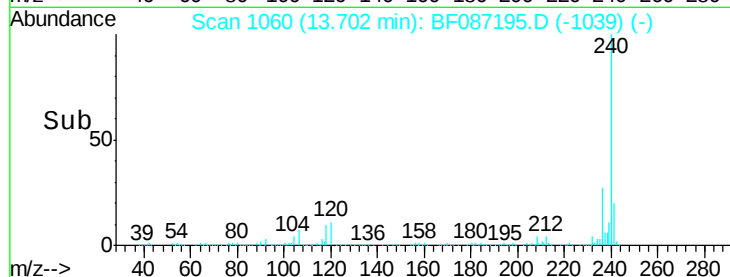
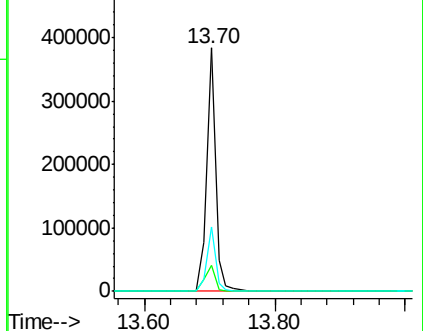
236 26.6 21.2 31.8



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



#76

Benzidine

Concen: 2.17 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.20 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

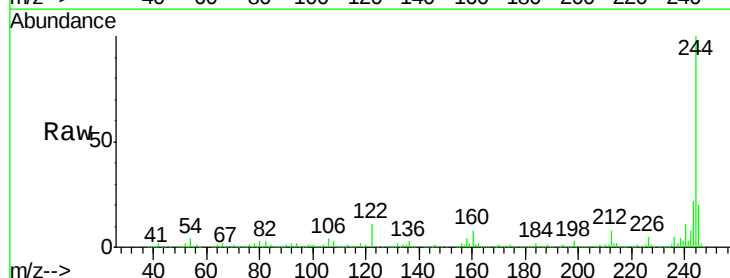
Tgt Ion:184 Resp: 16444

Ion Ratio Lower Upper

184 100

185 18.7 13.6 20.4

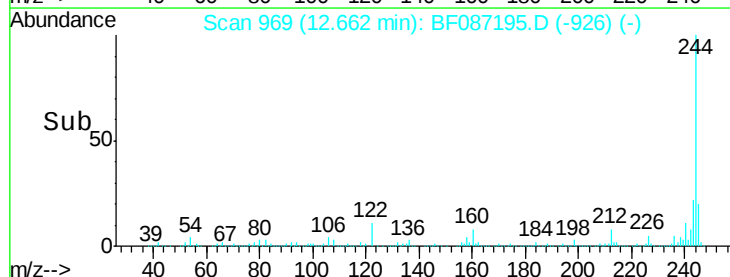
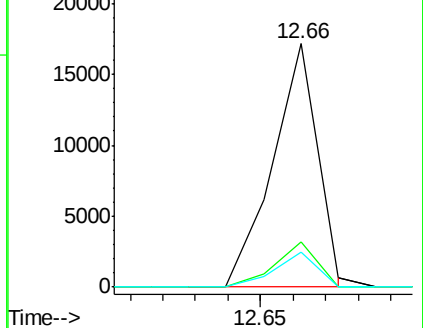
183 14.6 9.8 14.6

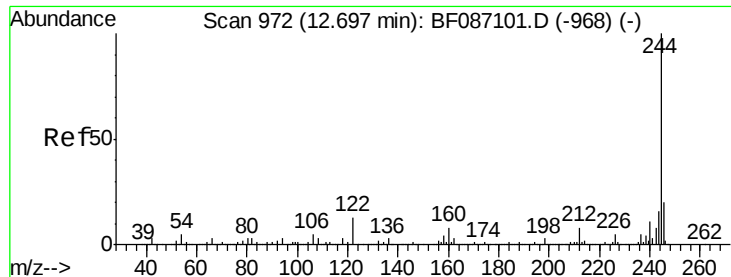


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 62.11 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

1-RAMP-AC(0-2)

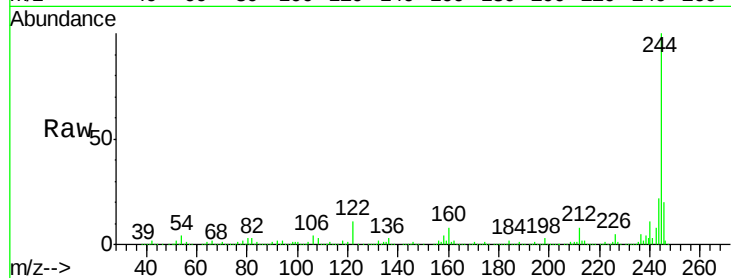
Tgt Ion:244 Resp: 1000354

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

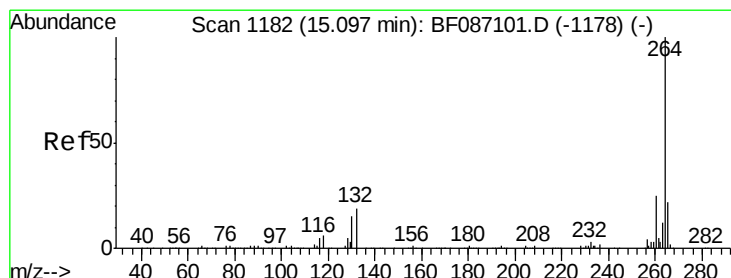
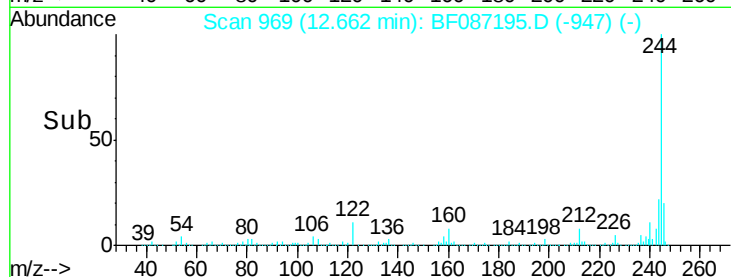
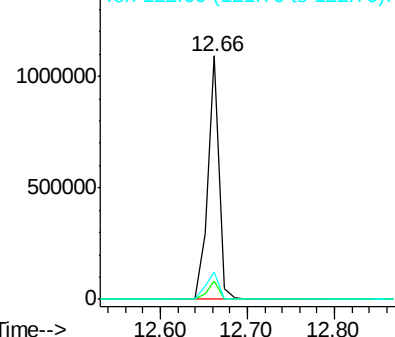
122 11.4 12.0 18.0#



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: 15.05 min Scan# 1178

Delta R.T. -0.06 min

Lab File: BF087195.D

Acq: 19 May 2016 19:07

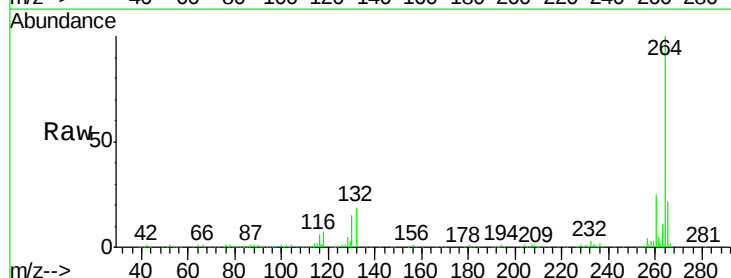
Tgt Ion:264 Resp: 295864

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.6 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

