

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087199.D
 Acq On : 19 May 2016 21:05
 Operator : UM/SJ
 Sample : H3144-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11-AB-AC(0-2)

Quant Time: May 20 02:34:41 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

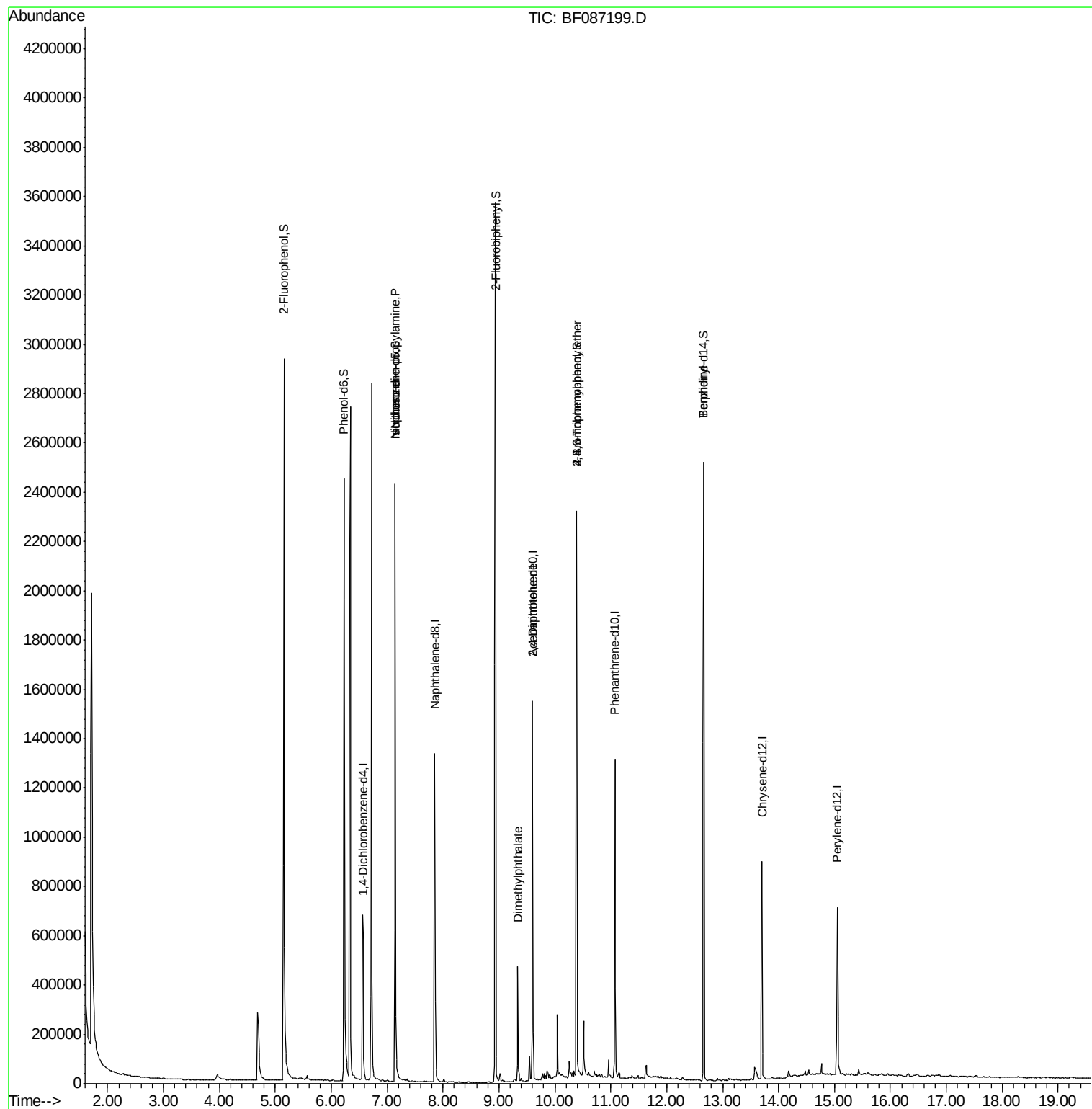
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	134249	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	567393	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	269989	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	463891	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	308332	20.00	ng	-0.06
86) Perylene-d12	15.05	264	273374	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	829779	103.89	ng	-0.05
7) Phenol-d6	6.23	99	1095889	102.30	ng	-0.06
23) Nitrobenzene-d5	7.14	82	764471	67.15	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	241967	81.10	ng	-0.06
44) 2-Fluorobiphenyl	8.94	172	1215482	74.56	ng	-0.05
78) Terphenyl-d14	12.66	244	871440	63.93	ng	-0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.14	70	108023	13.27	ng	# 75
25) Isophorone	7.14	82	628883	30.18	ng	# 68
49) Dimethylphthalate	9.34	163	163085	7.92	ng	99
56) 2,4-Dinitrotoluene	9.60	165	34405	6.01	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	15533	3.26	ng	# 1
76) Benzidine	12.66	184	13934	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: BF087199.D

Acq: 19 May 2016 21:05

Instrument :

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ClientSampleId :

11-AB-AC(0-2)

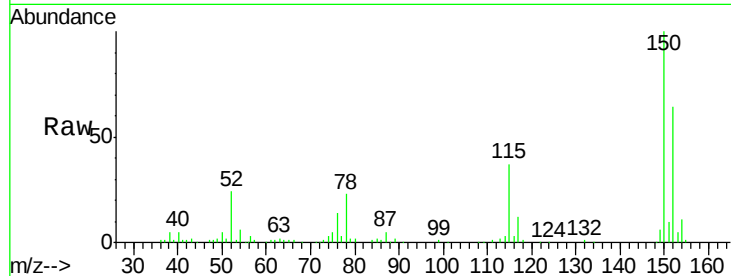
Tgt Ion:152 Resp: 134249

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

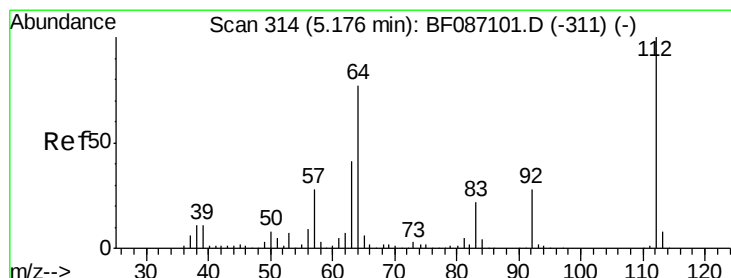
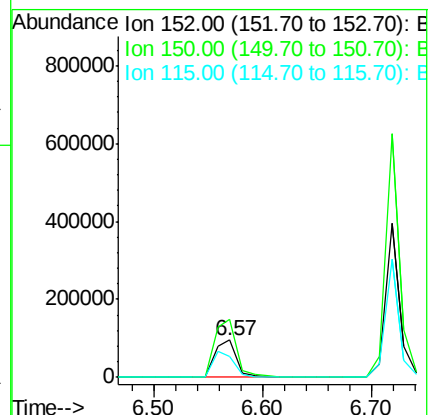
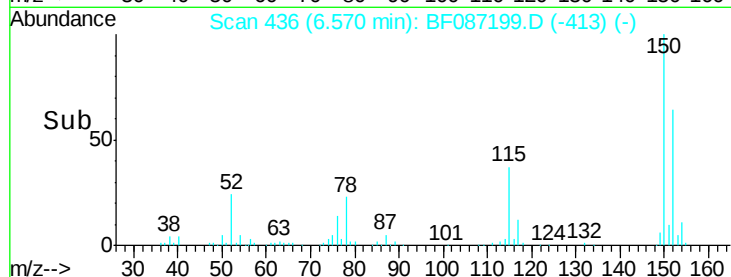
115 57.7 51.5 77.3



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: 103.89 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087199.D

Acq: 19 May 2016 21:05

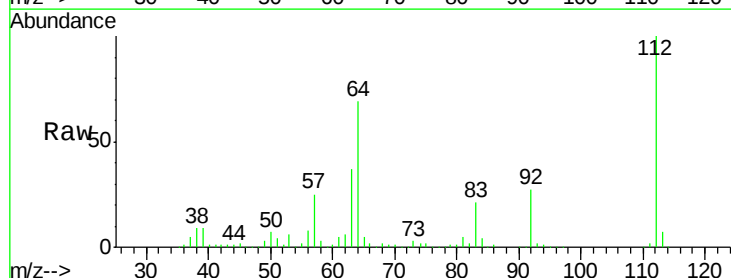
Tgt Ion:112 Resp: 829779

Ion Ratio Lower Upper

112 100

64 68.6 52.1 78.1

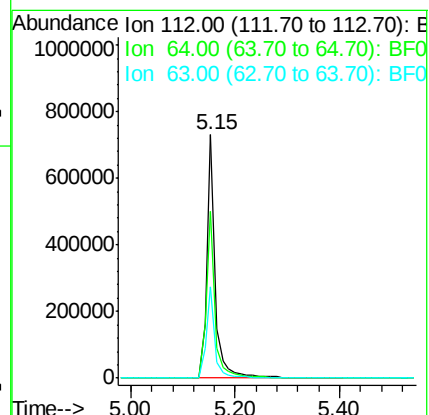
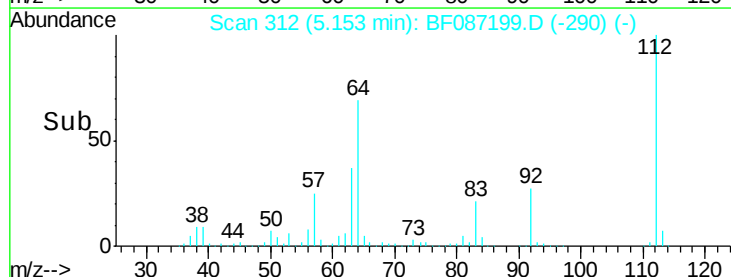
63 37.3 25.7 38.5



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: 102.30 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087199.D

Acq: 19 May 2016 21:05

Instrument :

BNA_F

ClientSampleId :

11-AB-AC(0-2)

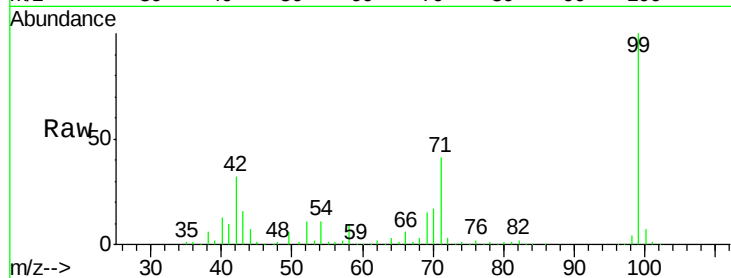
Tgt Ion: 99 Resp: 1095889

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

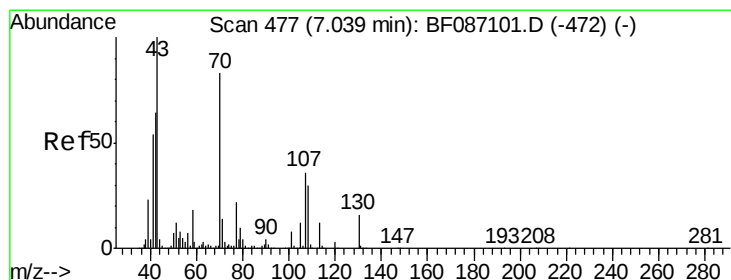
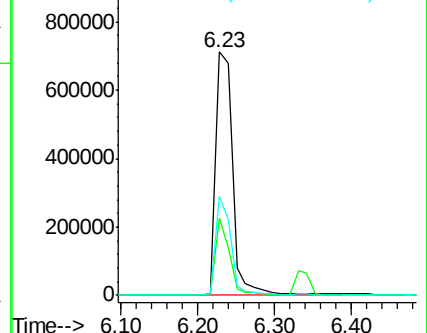
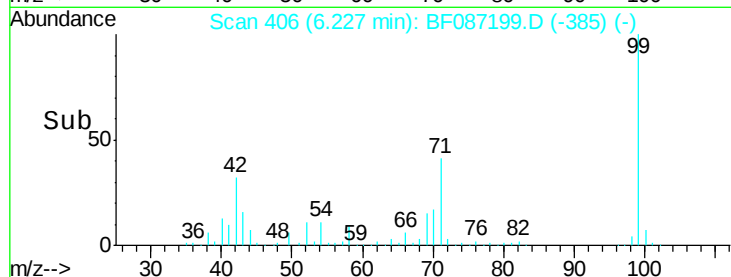
71 40.6 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.27 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.09 min

Lab File: BF087199.D

Acq: 19 May 2016 21:05

Tgt Ion: 70 Resp: 108023

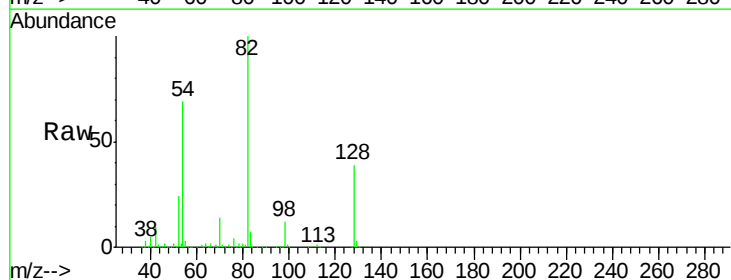
Ion Ratio Lower Upper

70 100

42 66.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

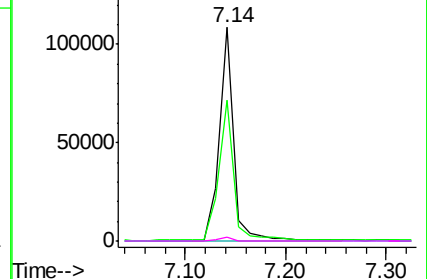
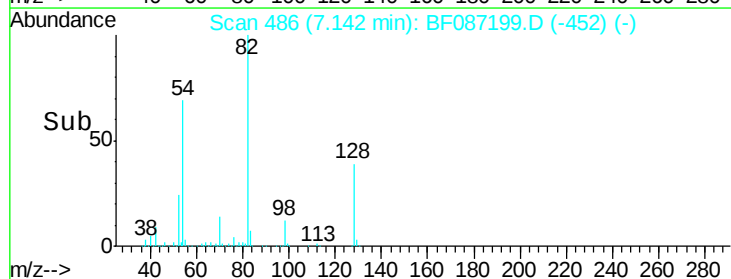


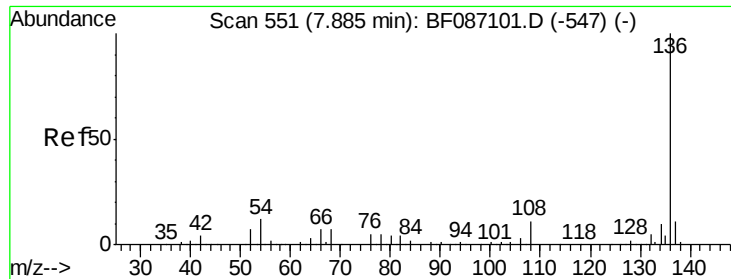
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

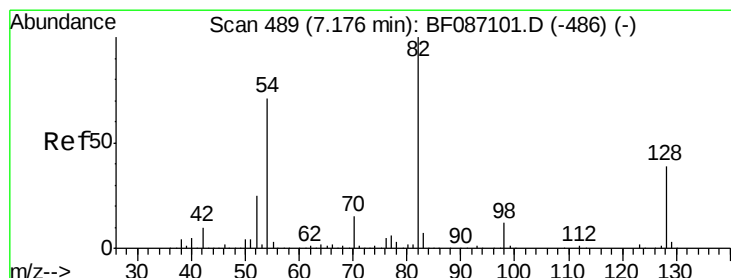
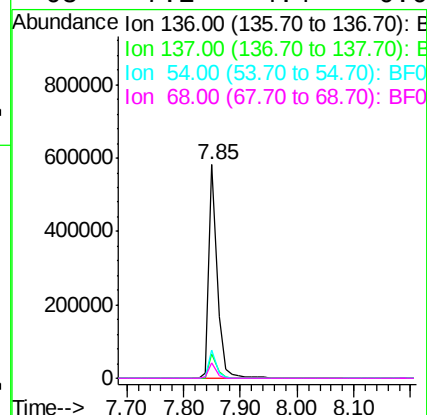
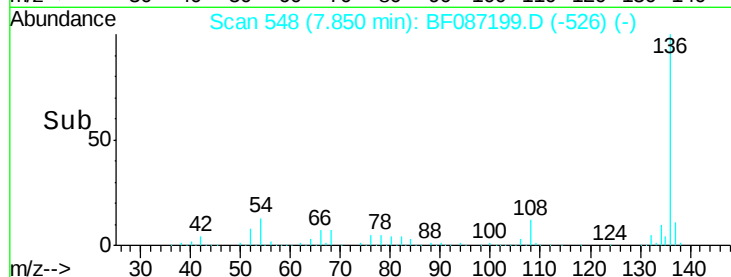
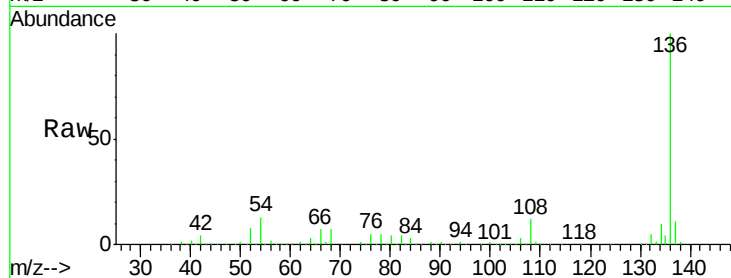




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

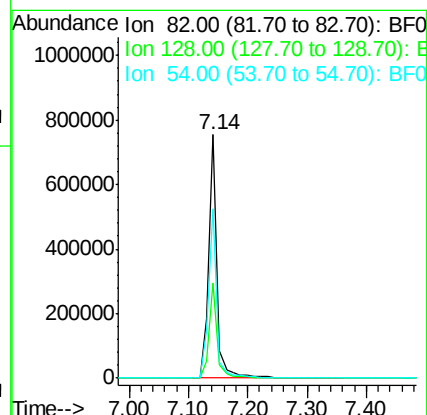
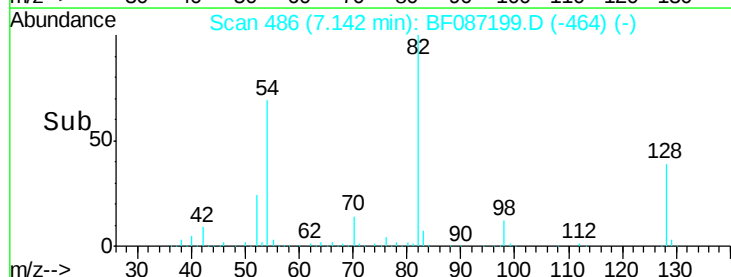
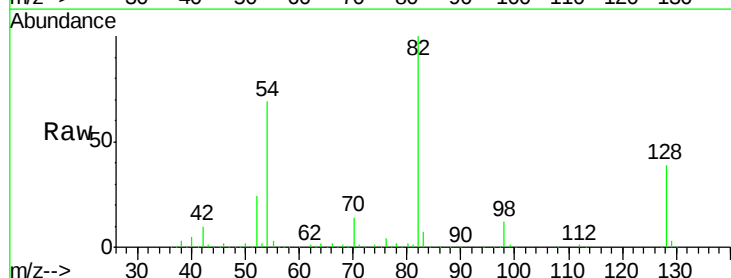
Instrument :
BNA_F
ClientSampleId :
11-AB-AC(0-2)

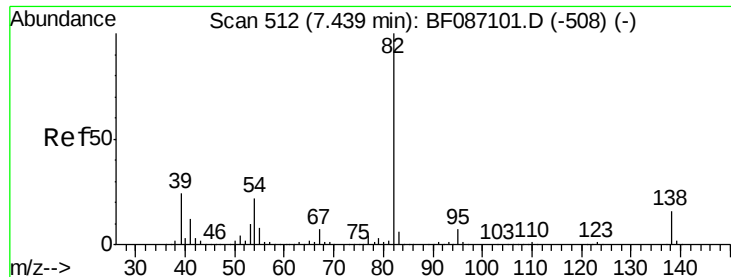
Tgt Ion:	136	Resp:	567393
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.3	5.0	7.4#
68	7.1	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 67.15 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:	82	Resp:	764471
Ion	Ratio	Lower	Upper
82	100		
128	39.1	40.6	61.0#
54	69.5	38.1	57.1#





#25

Isophorone

Concen: 30.18 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.31 min

Lab File: BF087199.D

Acq: 19 May 2016 21:05

Instrument :

BNA_F

ClientSampleId :

11-AB-AC(0-2)

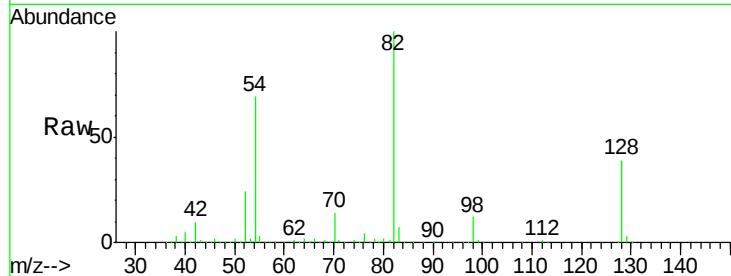
Tgt Ion: 82 Resp: 628883

Ion Ratio Lower Upper

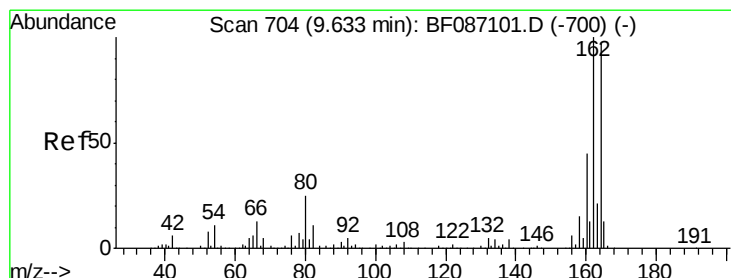
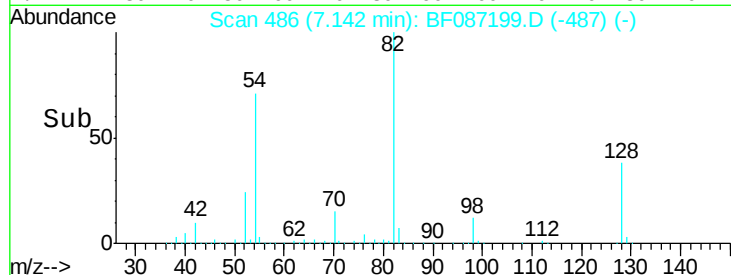
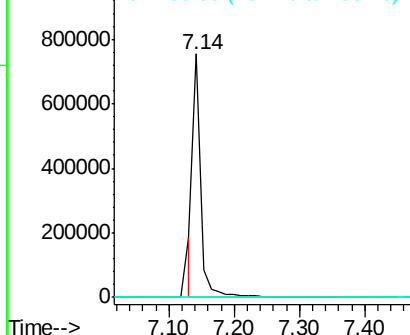
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF087199.D

Acq: 19 May 2016 21:05

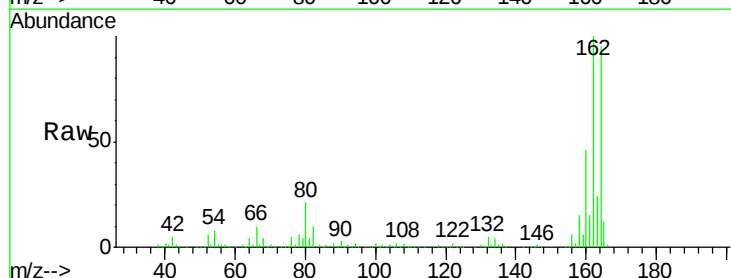
Tgt Ion: 164 Resp: 269989

Ion Ratio Lower Upper

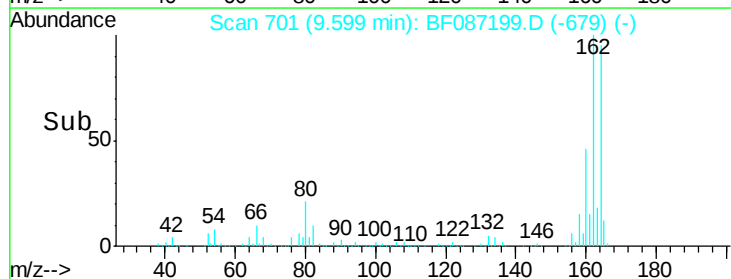
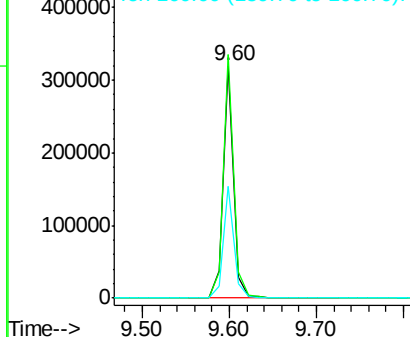
164 100

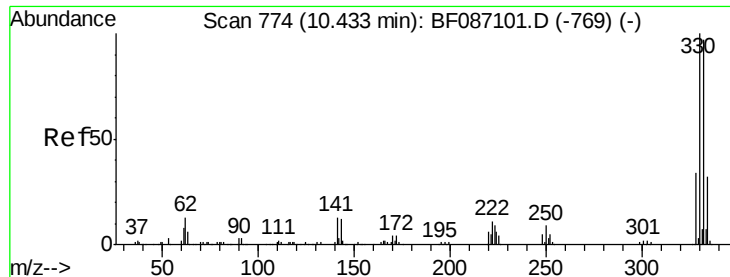
162 104.7 82.8 124.2

160 47.8 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

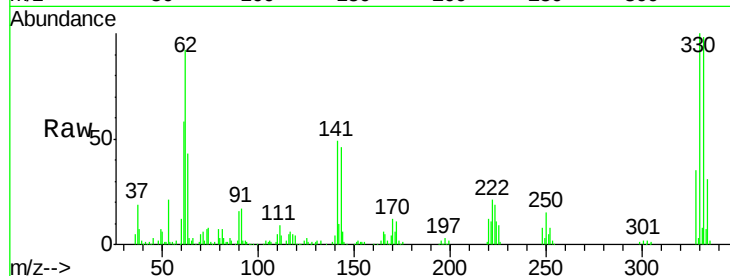




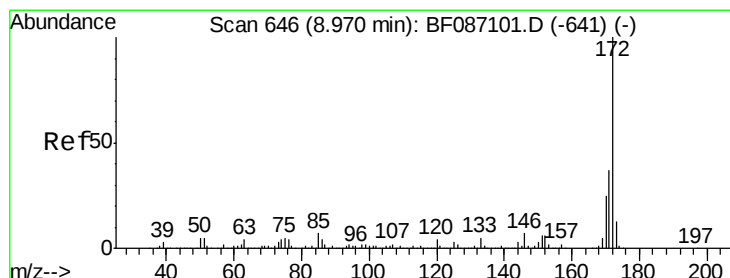
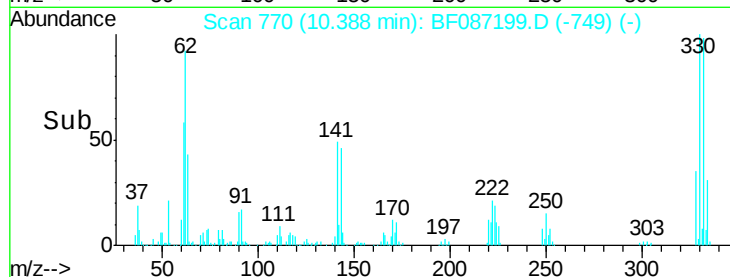
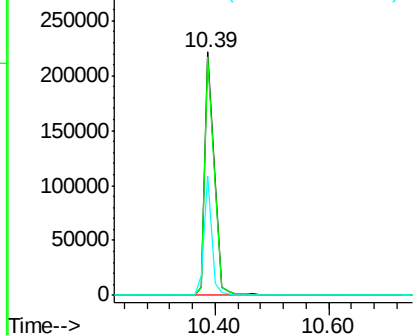
#41
 2,4,6-Tribromophenol
 Concen: 81.10 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087199.D
 Acq: 19 May 2016 21:05

Instrument :
 BNA_F
 ClientSampleId :
 11-AB-AC(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	40.7	31.2	46.8

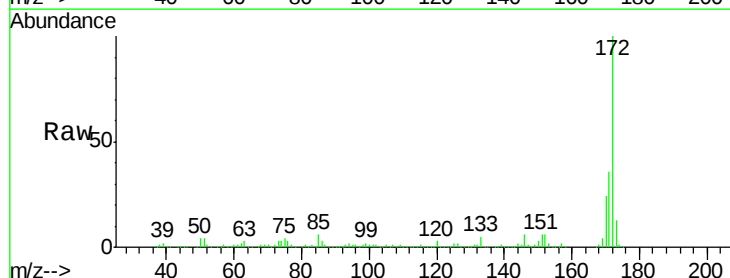


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

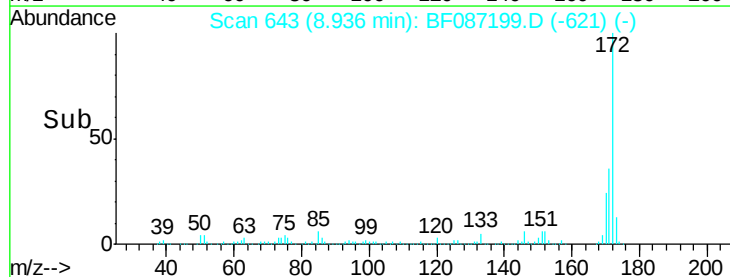
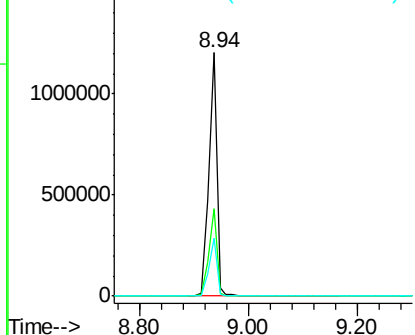


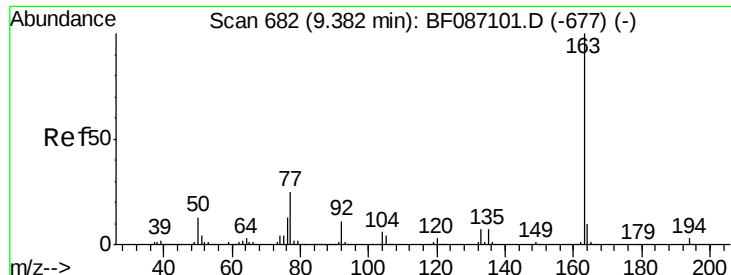
#44
 2-Fluorobiphenyl
 Concen: 74.56 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087199.D
 Acq: 19 May 2016 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.0	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

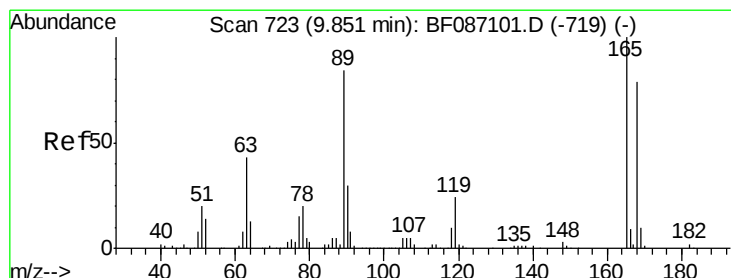
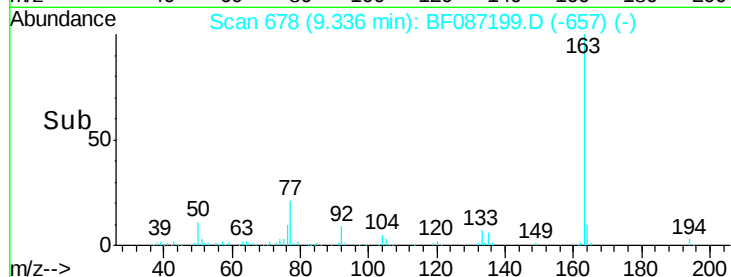
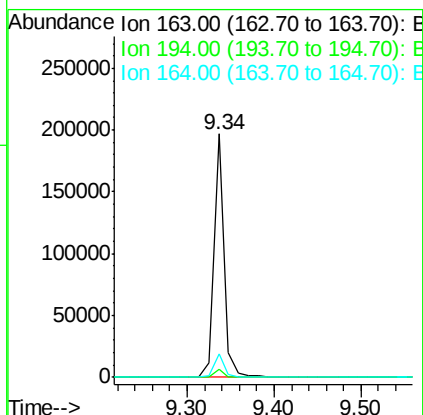
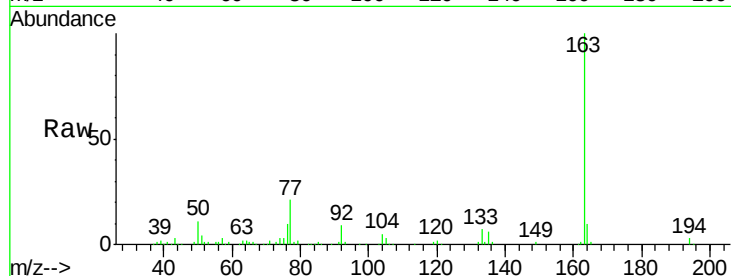




#49
Dimethylphthalate
Concen: 7.92 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

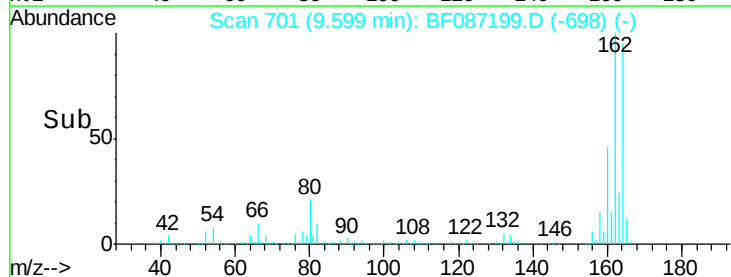
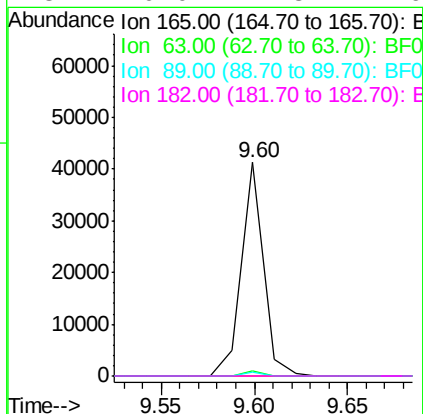
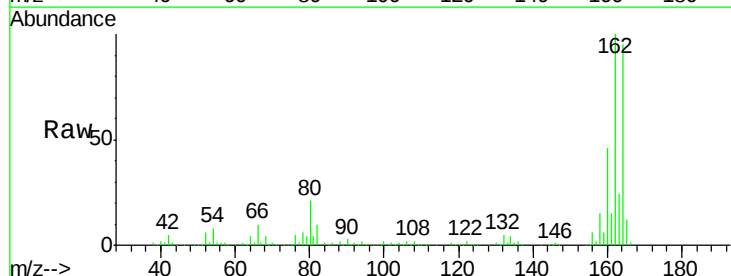
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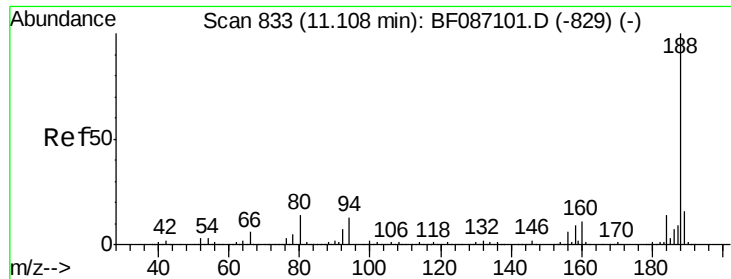
Tgt Ion:163 Resp: 163085
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.26 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:165 Resp: 34405
Ion Ratio Lower Upper
165 100
63 2.2 44.3 66.5#
89 2.1 70.0 105.0#
182 0.0 1.8 2.6#

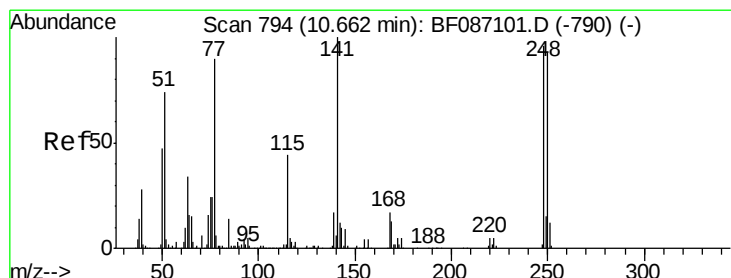
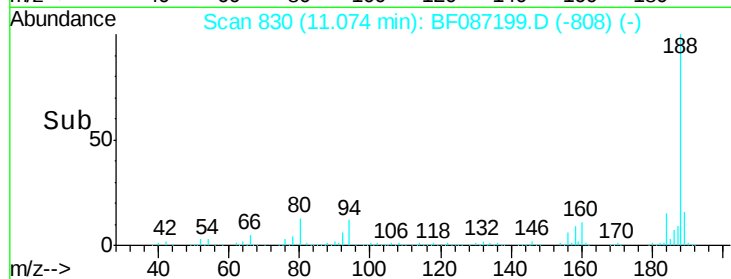
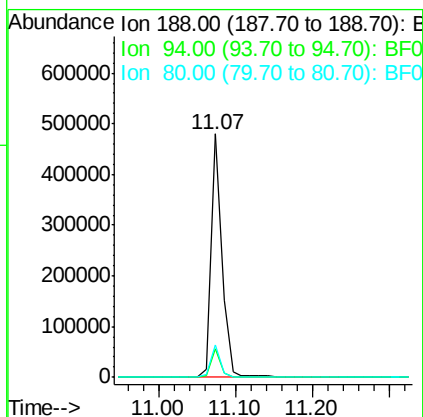
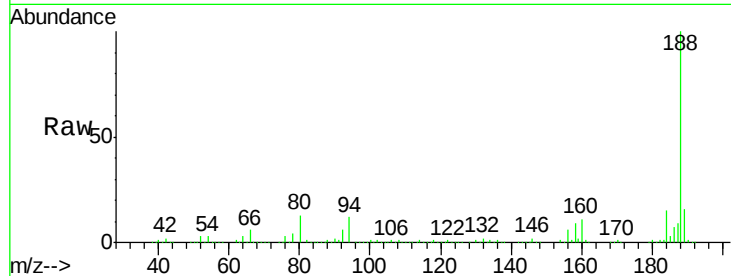




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

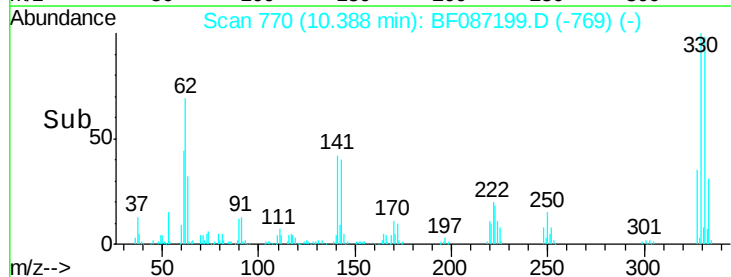
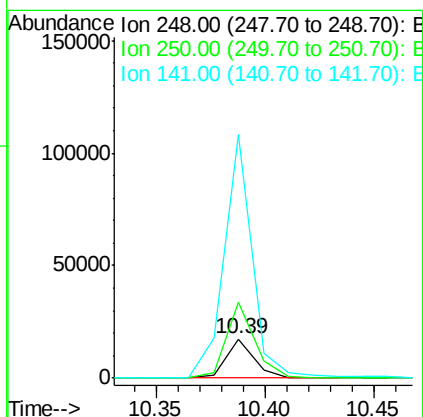
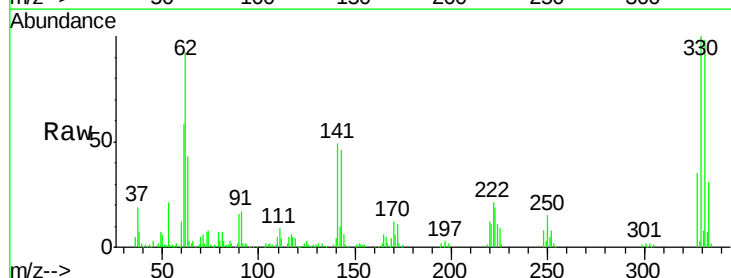
Instrument :
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ClientSampleId :
11-AB-AC(0-2)

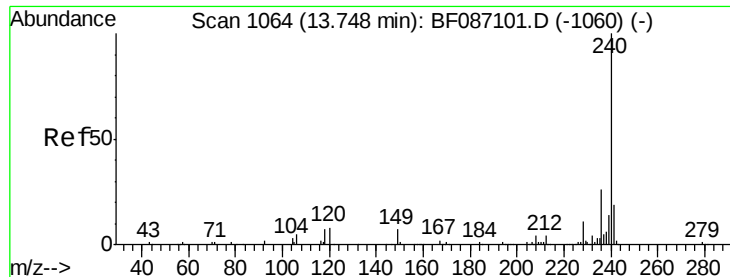
Tgt Ion:188 Resp: 463891
Ion Ratio Lower Upper
188 100
94 11.5 6.8 10.2#
80 13.2 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.29 min
Lab File: BF087199.D
Acq: 19 May 2016 21:05

Tgt Ion:248 Resp: 15533
Ion Ratio Lower Upper
248 100
250 195.7 78.6 117.8#
141 627.0 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: BF087199.D

Acq: 19 May 2016 21:05

Instrument :

BNA_F

ClientSampleId :

11-AB-AC(0-2)

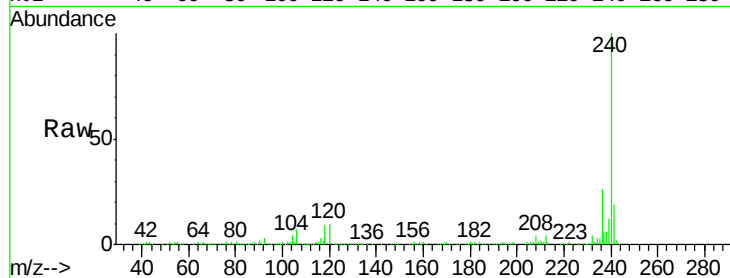
Tgt Ion:240 Resp: 308332

Ion Ratio Lower Upper

240 100

120 10.0 11.2 16.8#

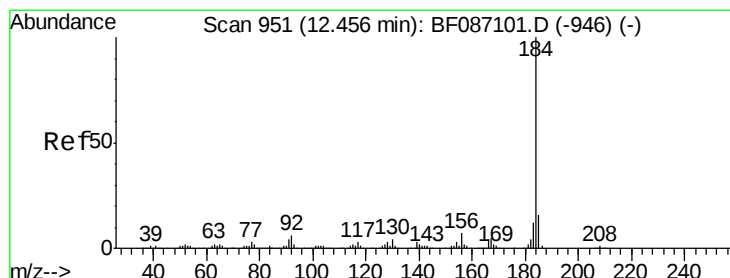
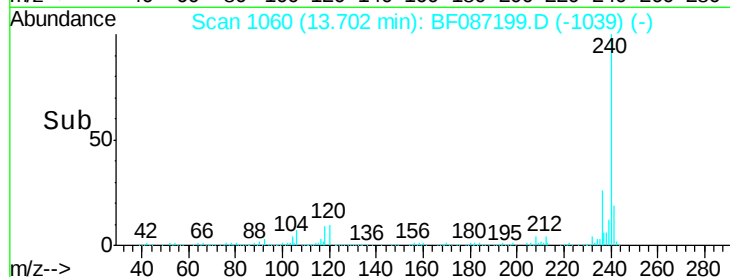
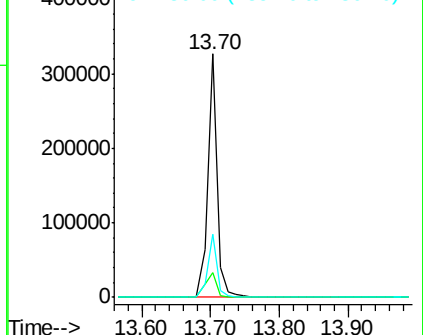
236 26.0 21.2 31.8



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: BF087199.D

Acq: 19 May 2016 21:05

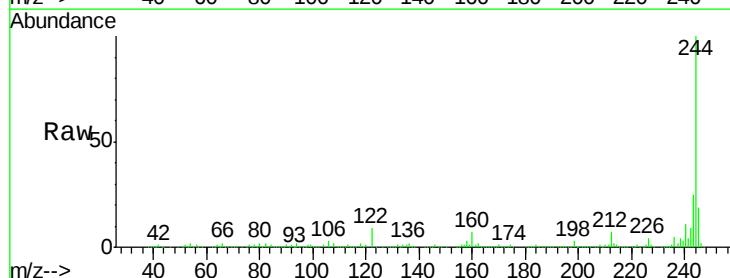
Tgt Ion:184 Resp: 13934

Ion Ratio Lower Upper

184 100

185 17.3 13.6 20.4

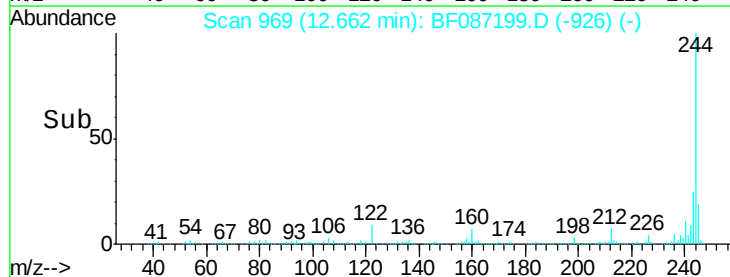
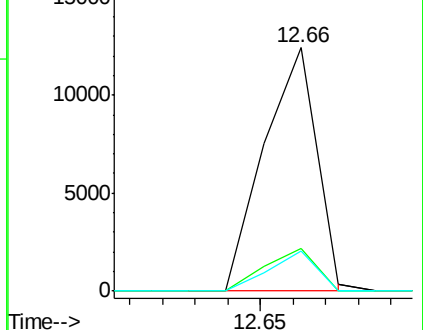
183 16.5 9.8 14.6#

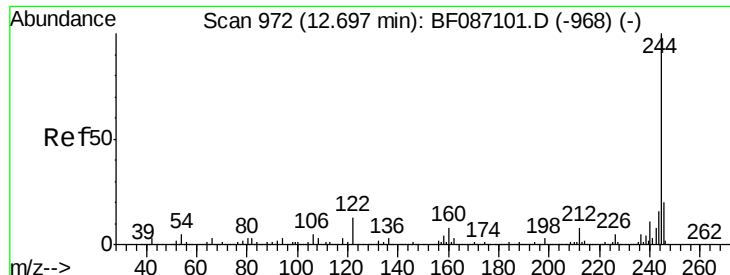


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

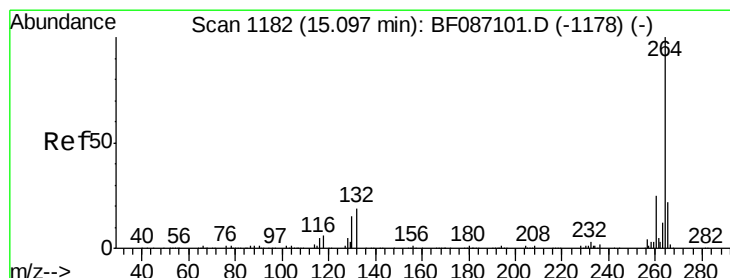
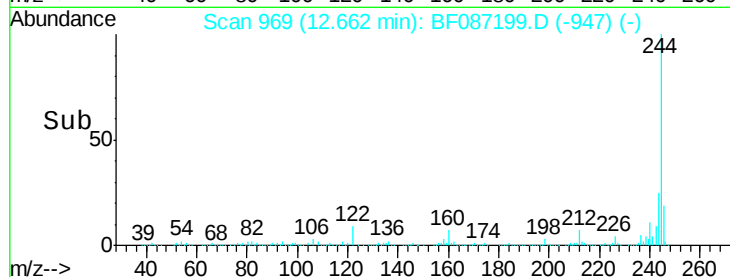
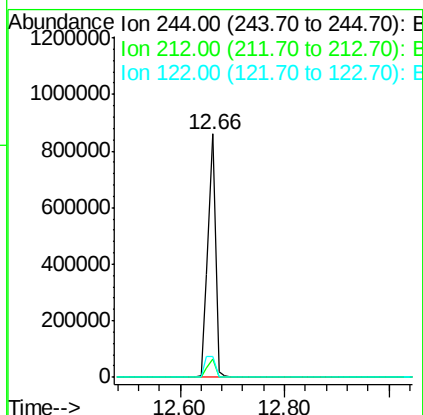
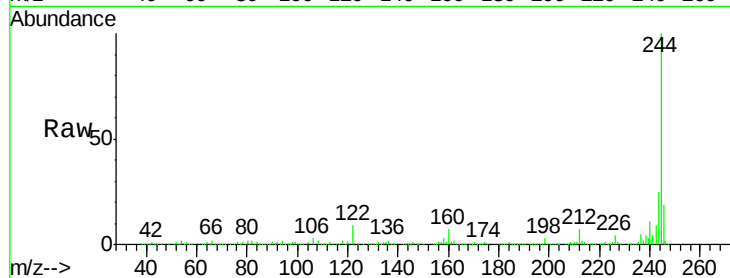




#78
 Terphenyl-d14
 Concen: 63.93 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.05 min
 Lab File: BF087199.D
 Acq: 19 May 2016 21:05

Instrument :
 BNA_F
 ClientSampleId :
 11-AB-AC(0-2)

Tgt Ion:244 Resp: 871440
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.8 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF087199.D
 Acq: 19 May 2016 21:05

Tgt Ion:264 Resp: 273374
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.5 17.3 25.9

