

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085387.D
 Acq On : 11 Mar 2016 22:24
 Operator : UM/SJ
 Sample : H1758-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310

Quant Time: Mar 11 23:39:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

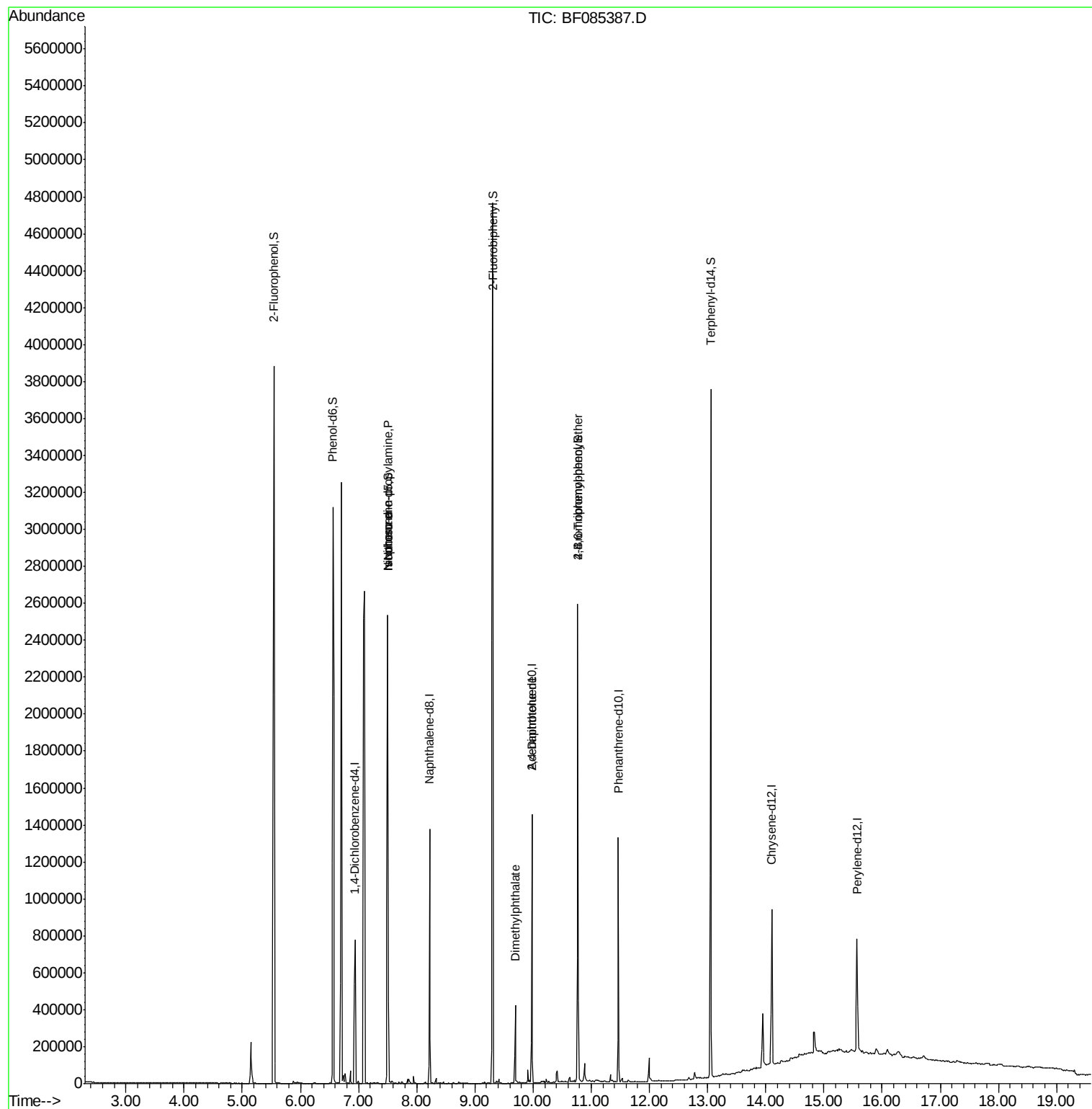
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	154163	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	584840	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	261922	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	440149	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	282472	20.00	ng	-0.05
86) Perylene-d12	15.57	264	264398	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1289492	140.30	ng	-0.03
7) Phenol-d6	6.56	99	1746853	145.07	ng	-0.05
23) Nitrobenzene-d5	7.50	82	956055	87.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	313104	139.71	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1687719	98.00	ng	-0.05
78) Terphenyl-d14	13.05	244	1120423	92.08	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	2300	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.50	70	126672	16.14	ng	# 79
25) Isophorone	7.50	82	720988	35.60	ng	# 67
49) Dimethylphthalate	9.69	163	183423	9.12	ng	98
56) 2,4-Dinitrotoluene	9.98	165	34276	6.23	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	21474	5.02	ng	# 1

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

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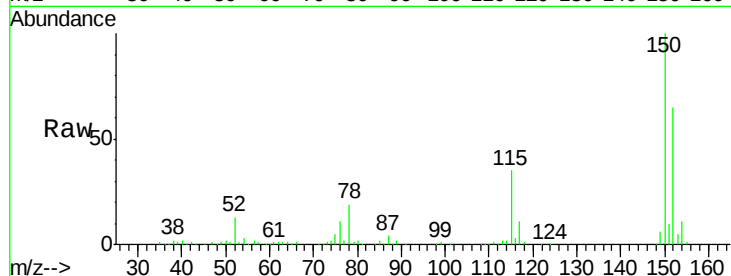




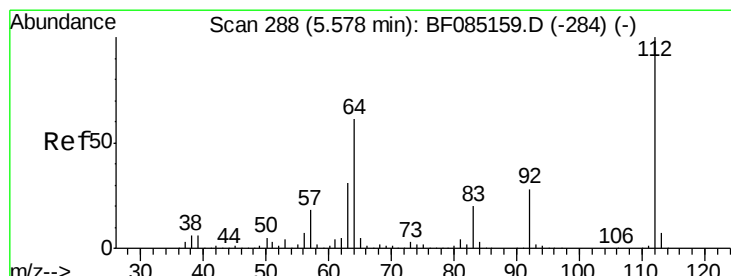
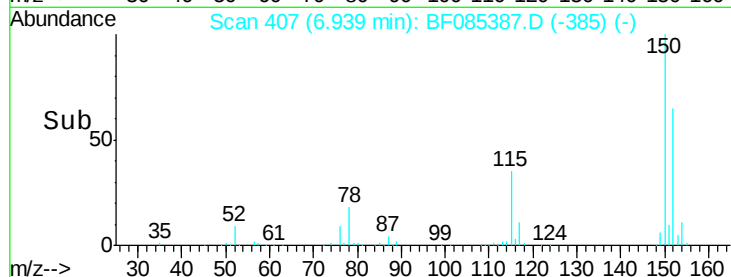
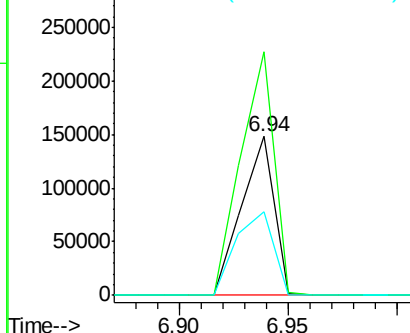
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085387.D
 Acq: 11 Mar 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-19-20160310

Tgt Ion:152 Resp: 154163
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 53.0 46.6 70.0

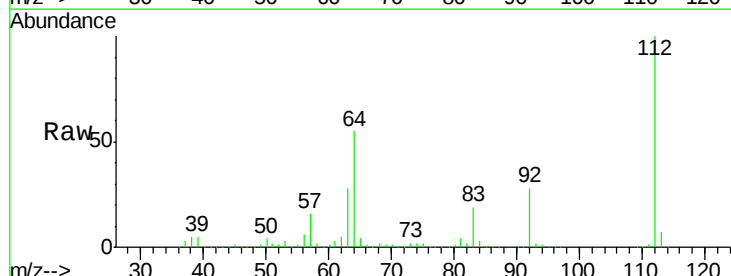


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

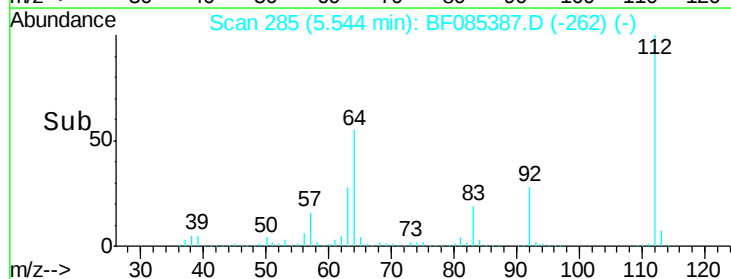
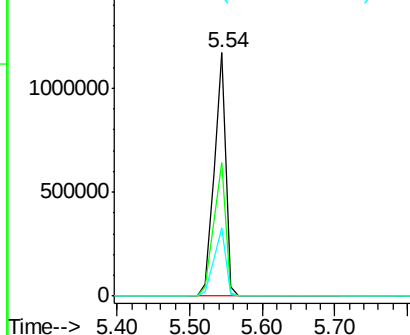


#5
 2-Fluorophenol
 Concen: 140.30 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085387.D
 Acq: 11 Mar 2016 22:24

Tgt Ion:112 Resp: 1289492
 Ion Ratio Lower Upper
 112 100
 64 54.9 49.0 73.4
 63 28.1 24.8 37.2



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: 145.07 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085387.D

Acq: 11 Mar 2016 22:24

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310

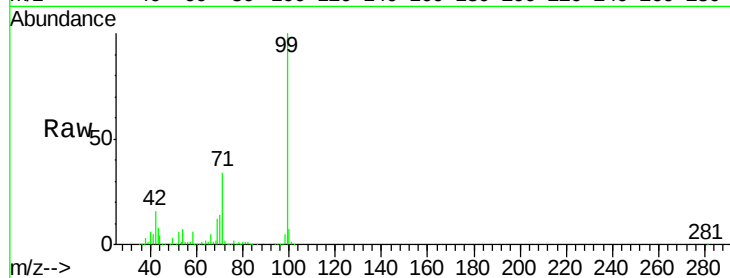
Tgt Ion: 99 Resp: 1746853

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

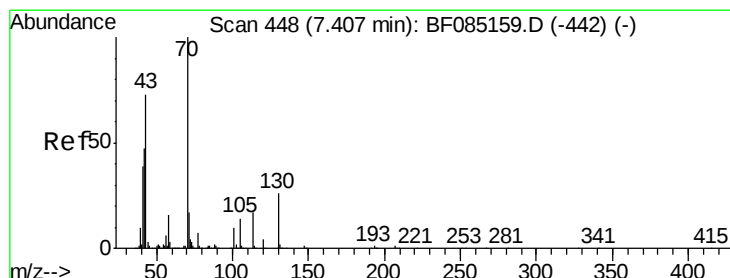
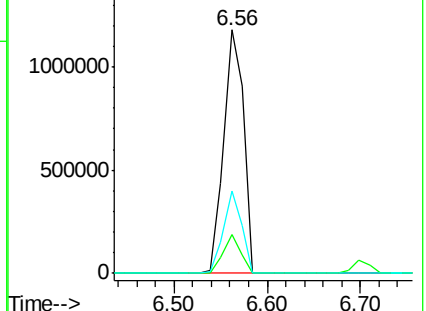
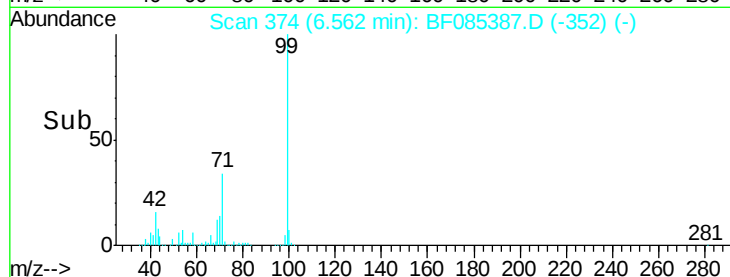
71 33.7 26.7 40.1



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: 16.14 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085387.D

Acq: 11 Mar 2016 22:24

Tgt Ion: 70 Resp: 126672

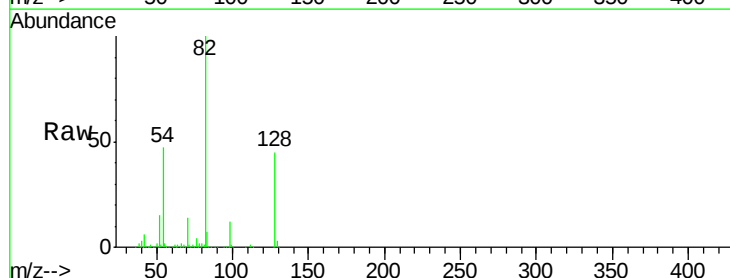
Ion Ratio Lower Upper

70 100

42 43.0 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

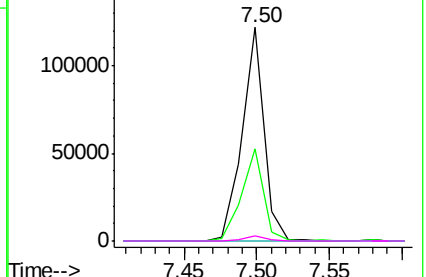
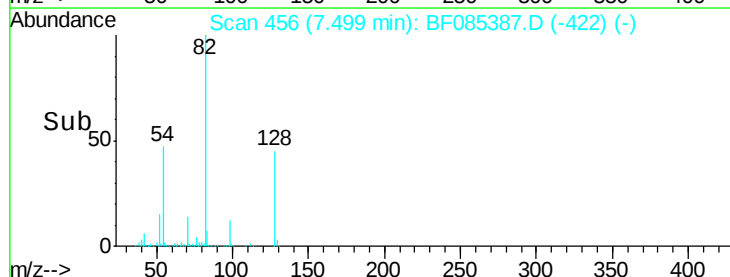


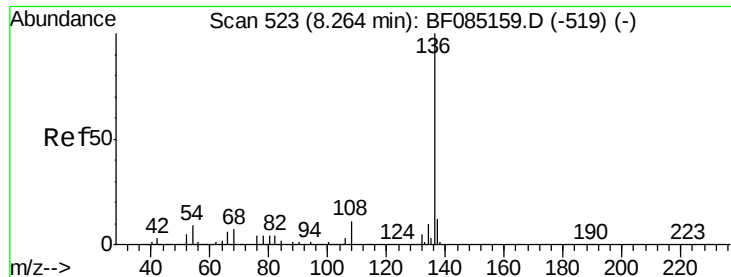
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

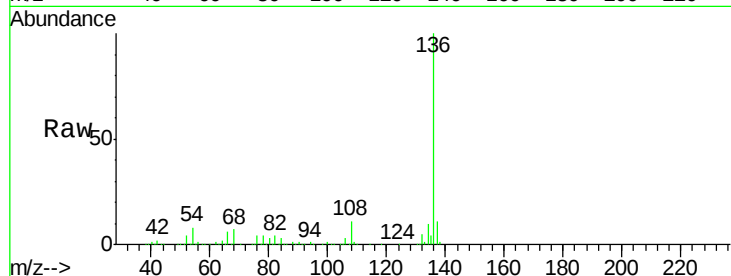




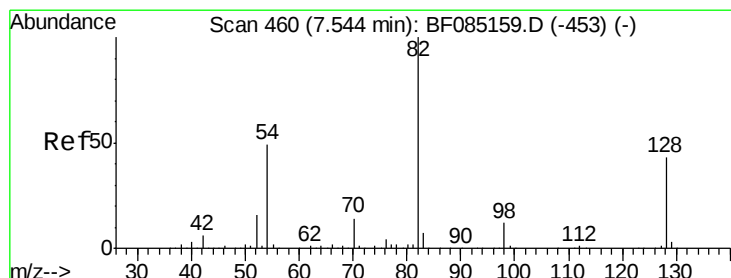
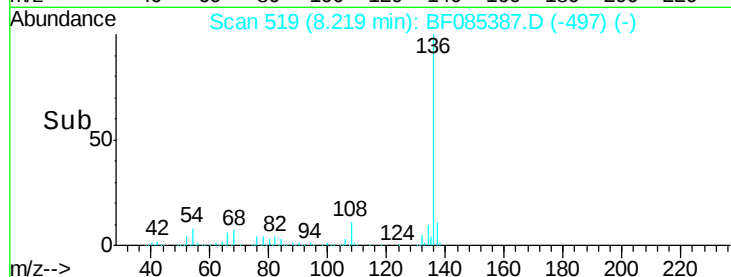
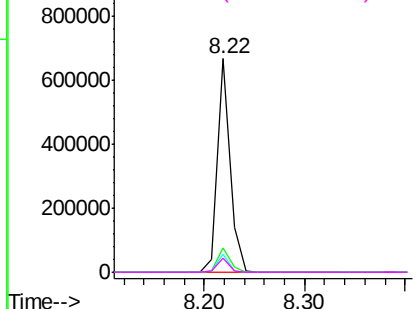
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085387.D
Acq: 11 Mar 2016 22:24

Instrument :
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Tgt Ion:	136	Resp:	584840
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.3	7.4	11.2
68	6.7	6.0	9.0

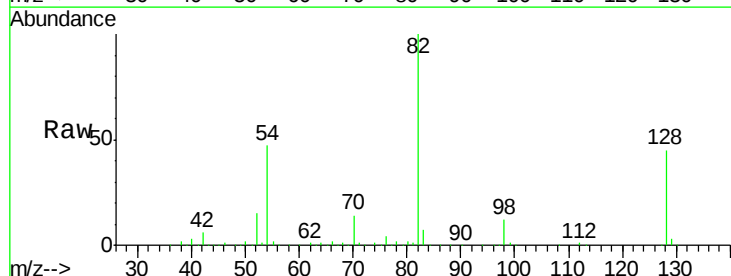


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

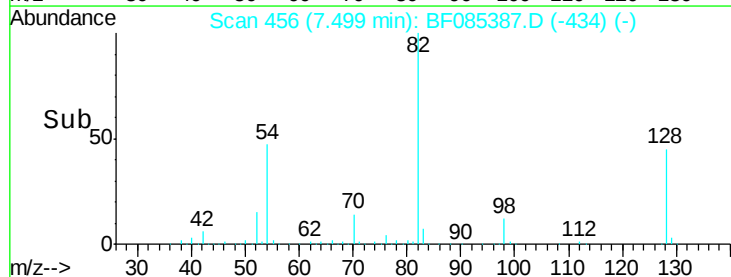
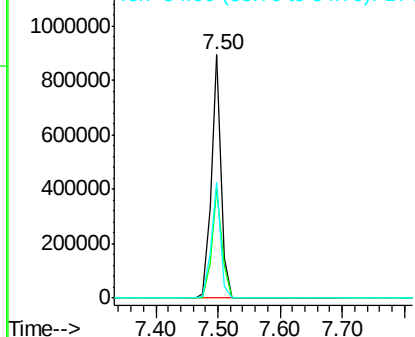


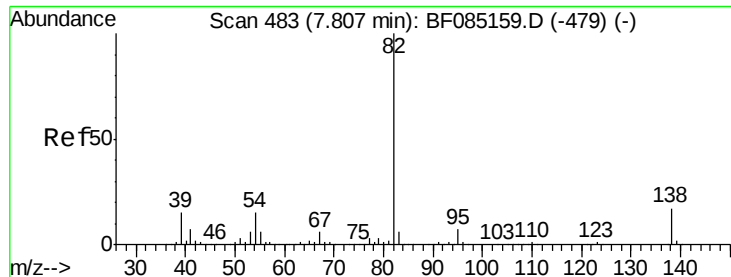
#23
Nitrobenzene-d5
Concen: 87.48 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085387.D
Acq: 11 Mar 2016 22:24

Tgt Ion:	82	Resp:	956055
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.5	51.7
54	47.3	39.3	58.9



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





#25

Isophorone

Concen: 35.60 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085387.D

Acq: 11 Mar 2016 22:24

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310

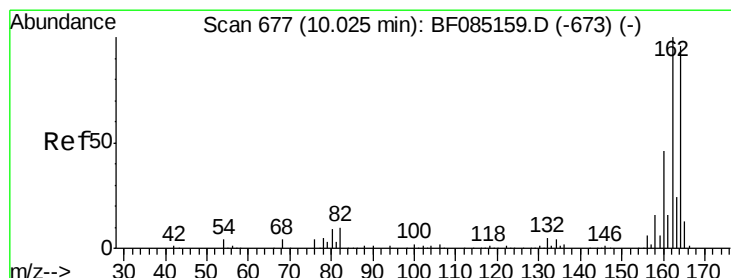
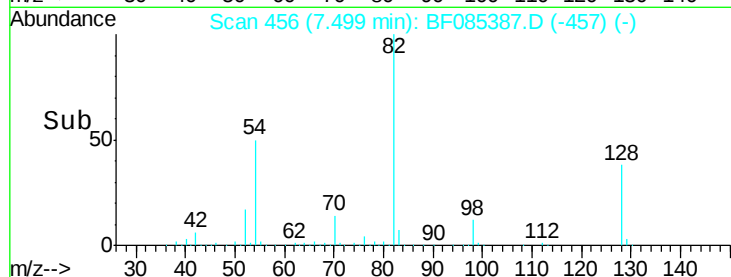
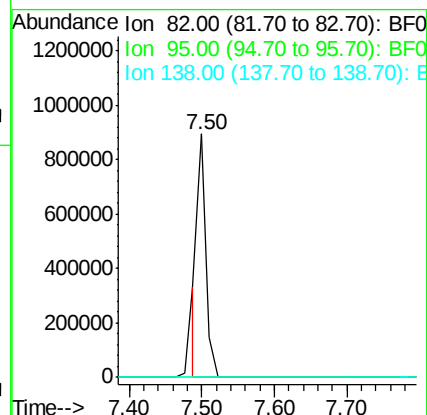
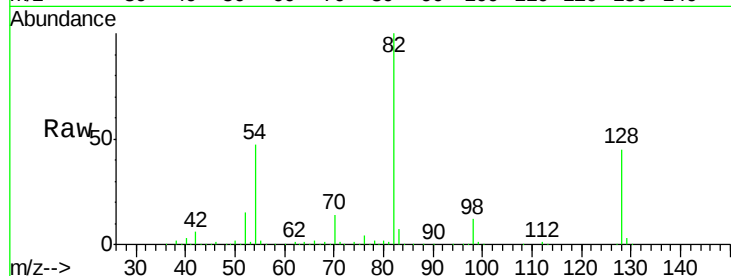
Tgt Ion: 82 Resp: 720988

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085387.D

Acq: 11 Mar 2016 22:24

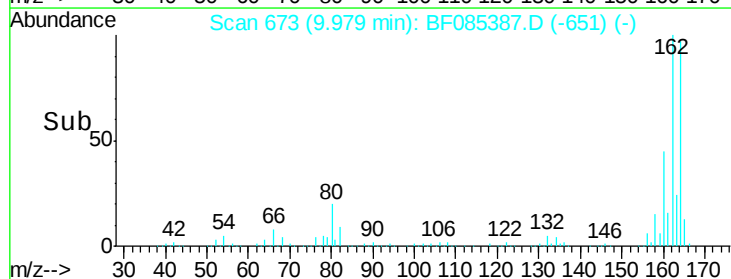
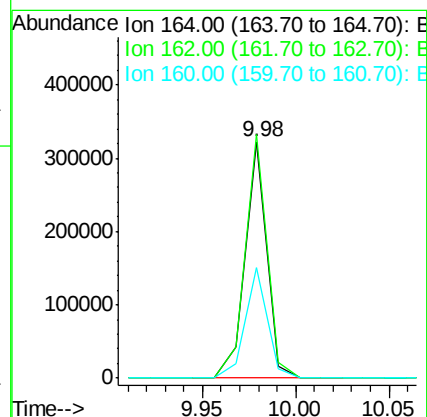
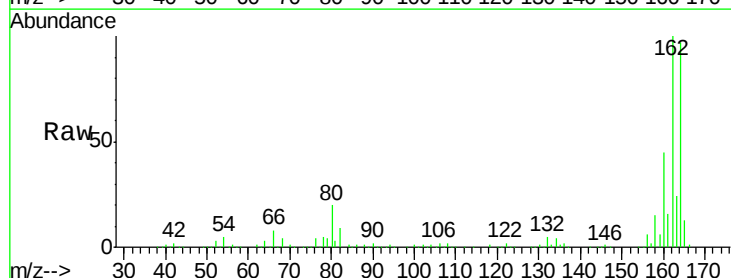
Tgt Ion: 164 Resp: 261922

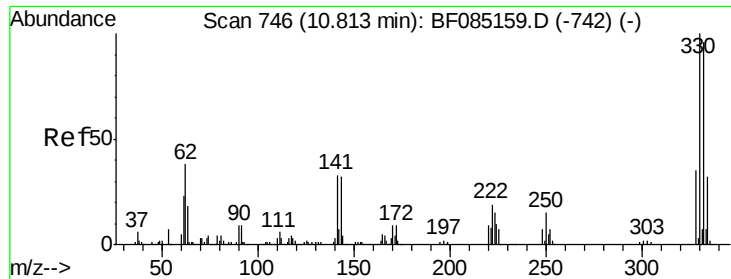
Ion Ratio Lower Upper

164 100

162 103.0 83.3 124.9

160 46.7 37.9 56.9

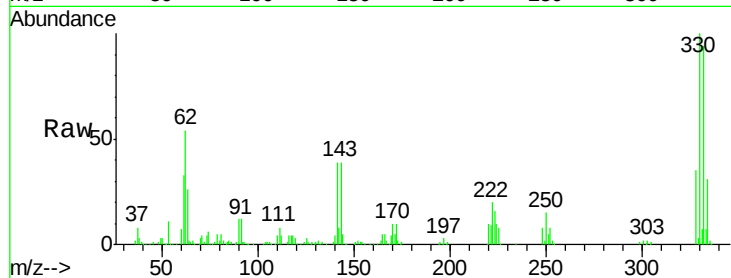




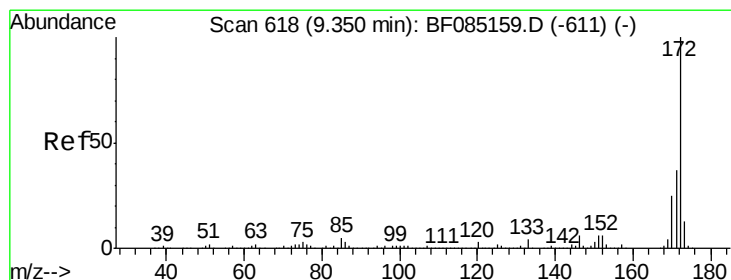
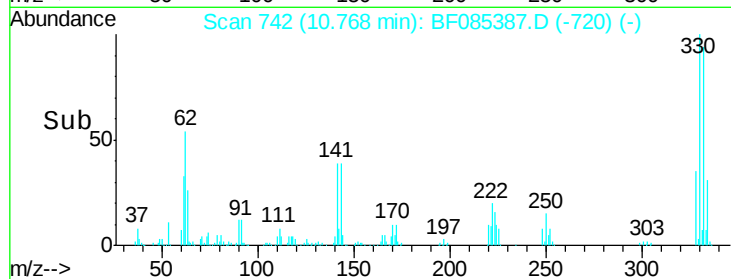
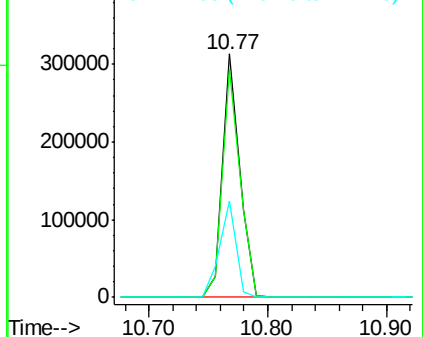
#41
 2,4,6-Tribromophenol
 Concen: 139.71 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085387.D
 Acq: 11 Mar 2016 22:24

Instrument :
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Tgt Ion:330 Resp: 313104
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 38.2 35.0 52.6

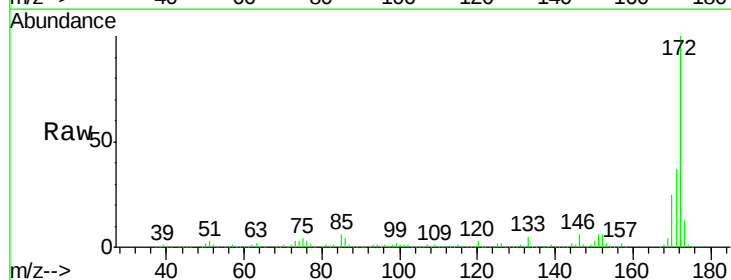


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

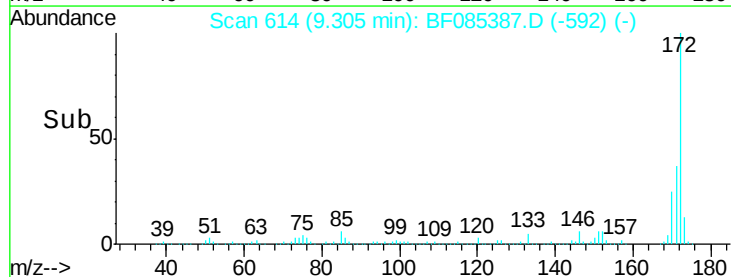
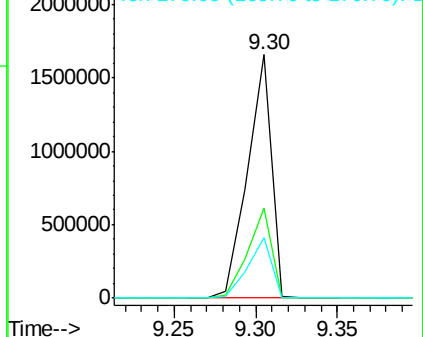


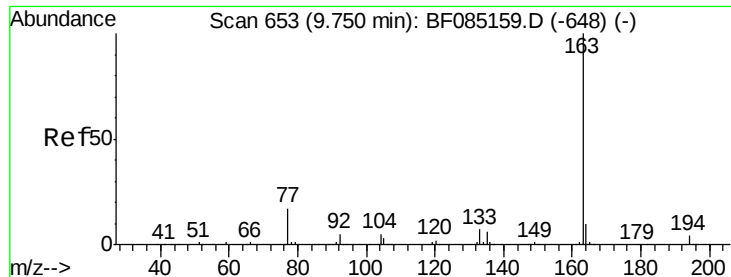
#44
 2-Fluorobiphenyl
 Concen: 98.00 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085387.D
 Acq: 11 Mar 2016 22:24

Tgt Ion:172 Resp: 1687719
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.3 43.9
 170 24.9 20.0 30.0



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

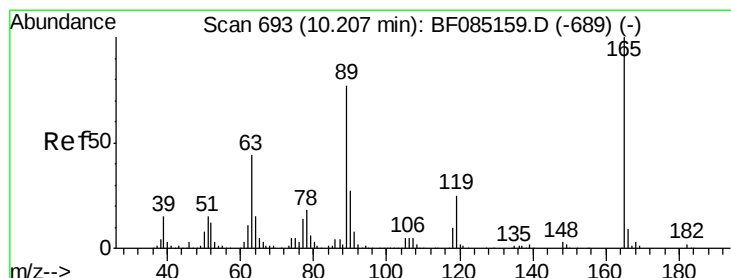
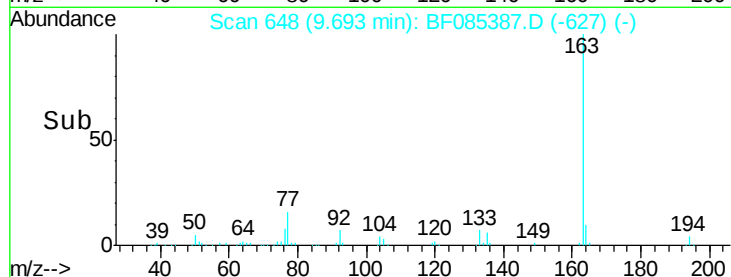
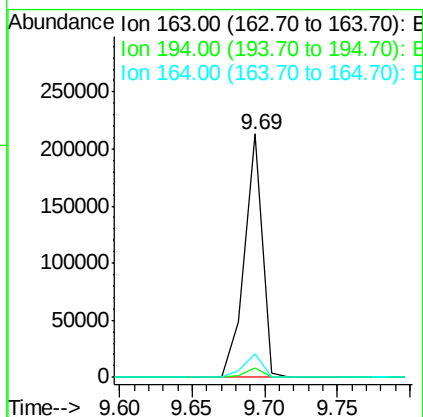
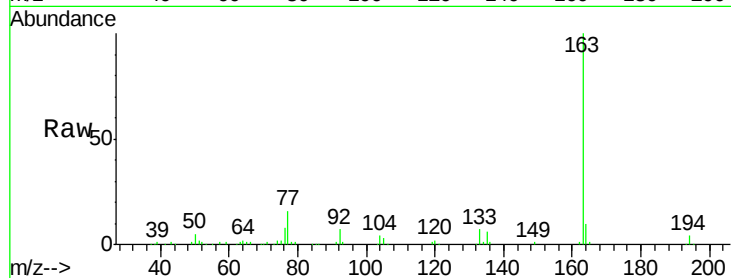




#49
Dimethylphthalate
Concen: 9.12 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085387.D
Acq: 11 Mar 2016 22:24

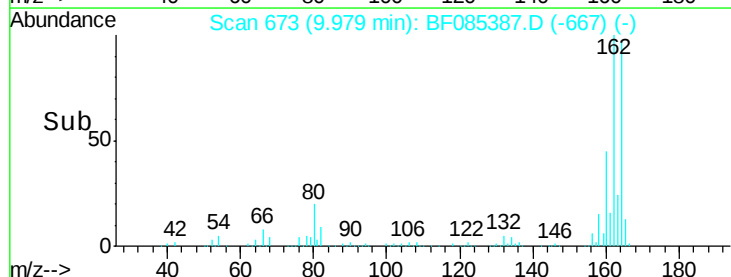
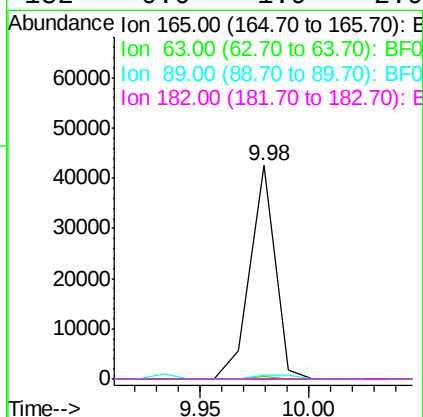
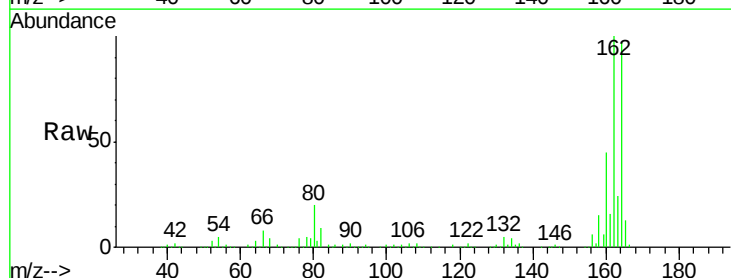
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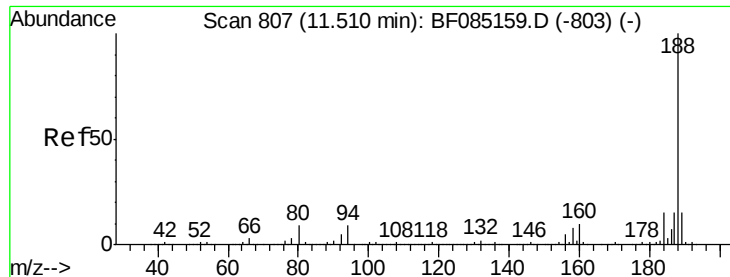
Tgt Ion:163 Resp: 183423
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.5 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.23 min
Lab File: BF085387.D
Acq: 11 Mar 2016 22:24

Tgt Ion:165 Resp: 34276
Ion Ratio Lower Upper
165 100
63 1.2 35.4 53.0#
89 1.7 61.9 92.9#
182 0.0 1.9 2.9#

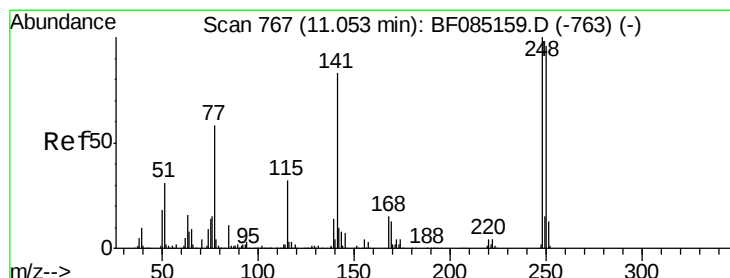
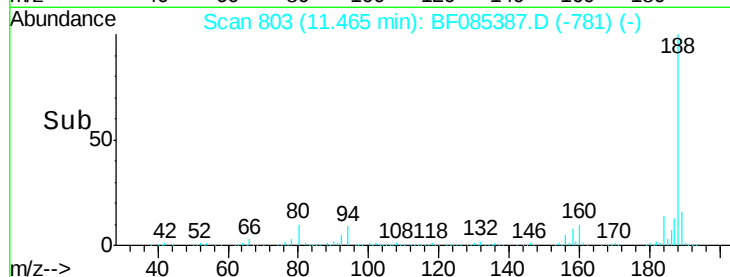
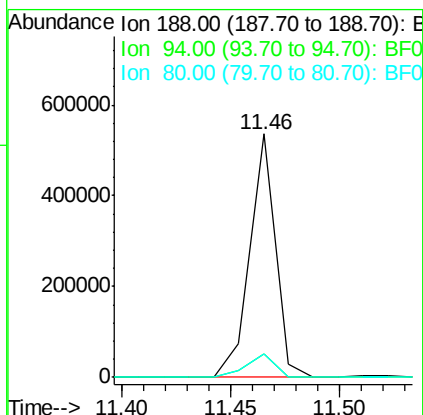
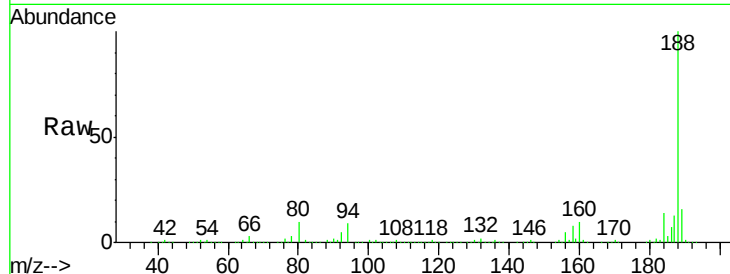




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085387.D
Acq: 11 Mar 2016 22:24

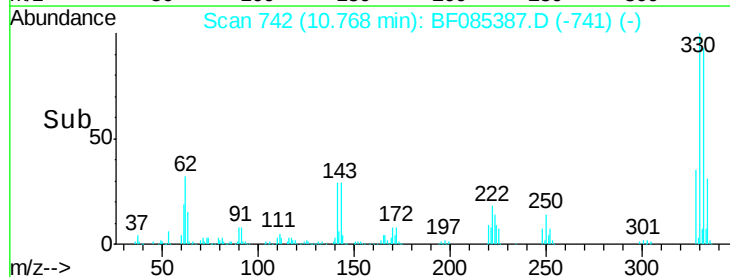
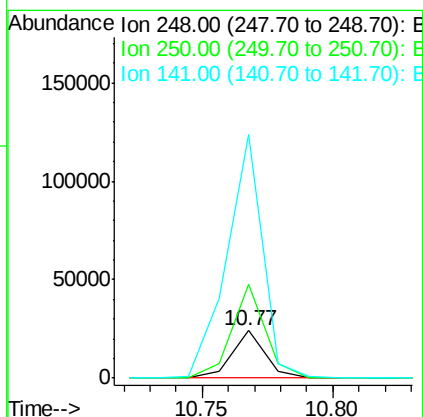
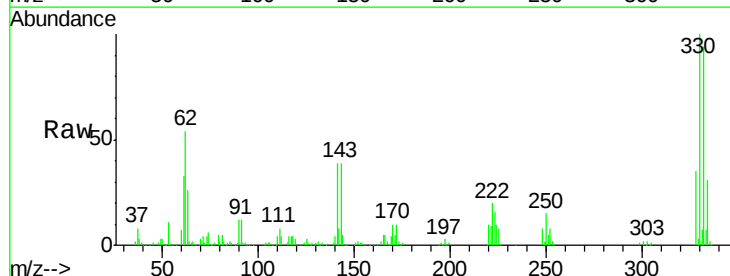
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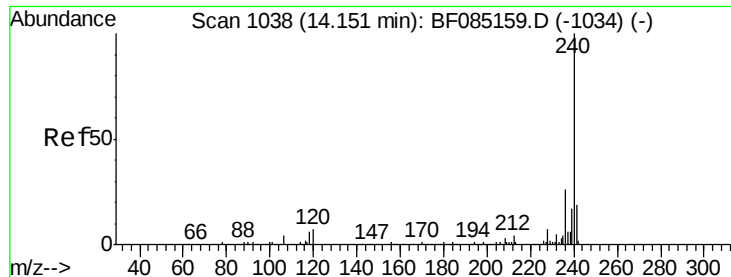
Tgt Ion:188 Resp: 440149
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.7 7.4 11.0



#66
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF085387.D
Acq: 11 Mar 2016 22:24

Tgt Ion:248 Resp: 21474
Ion Ratio Lower Upper
248 100
250 198.2 77.1 115.7#
141 513.6 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085387.D

Acq: 11 Mar 2016 22:24

Instrument :

BNA_F

ClientSampleId :

POST-EX-19-20160310

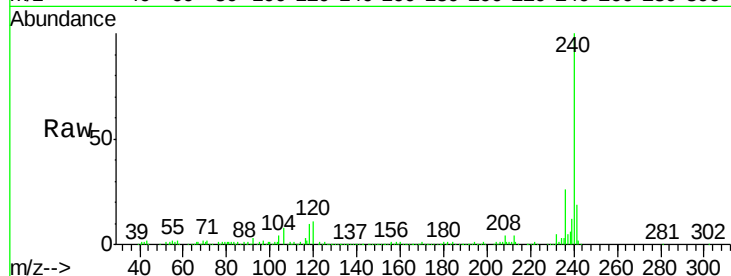
Tgt Ion:240 Resp: 282472

Ion Ratio Lower Upper

240 100

120 11.2 5.3 7.9#

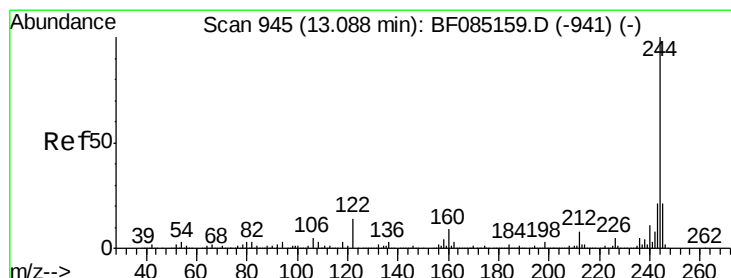
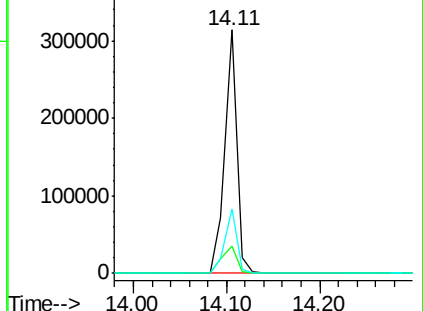
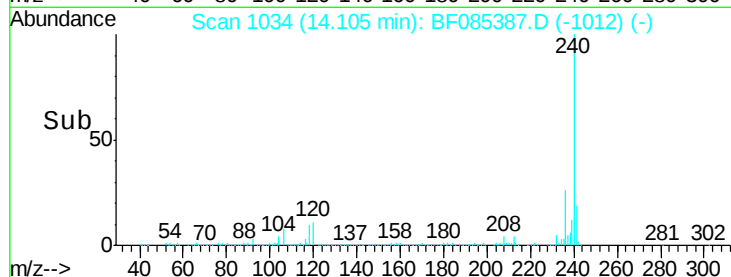
236 26.2 20.7 31.1



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: 92.08 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF085387.D

Acq: 11 Mar 2016 22:24

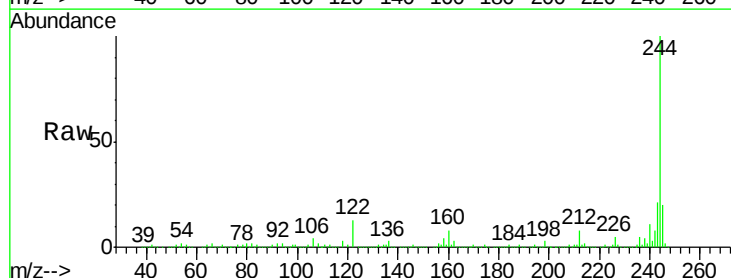
Tgt Ion:244 Resp: 1120423

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

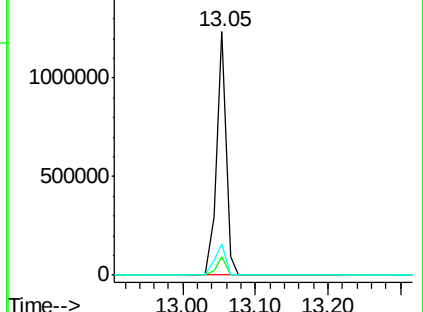
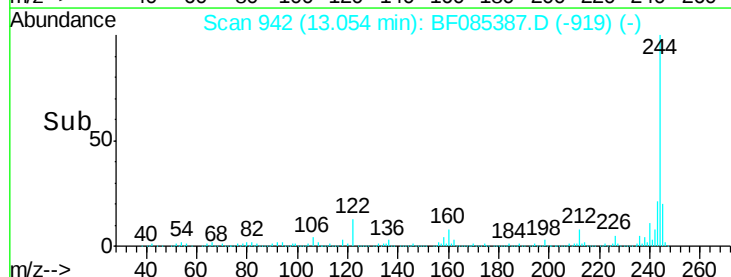
122 12.8 11.4 17.2

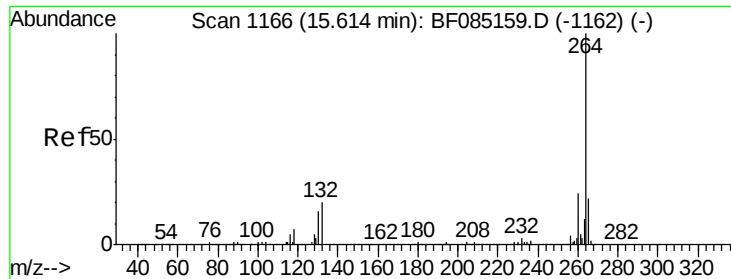


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

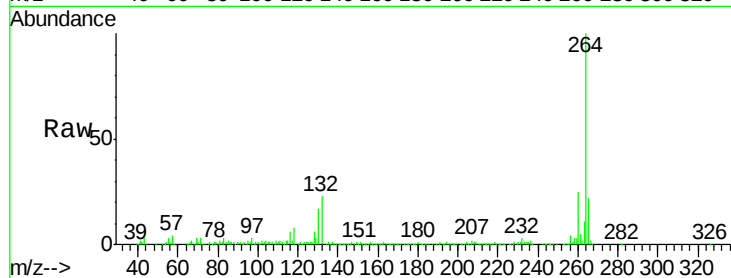




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085387.D
Acq: 11 Mar 2016 22:24

Instrument :
BNA_F
ClientSampleId :
POST-EX-19-20160310

Tgt Ion: 264 Resp: 264398
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.1 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

