

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085271.D
 Acq On : 8 Mar 2016 22:35
 Operator : UM/SJ
 Sample : H1704-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9899-A

Quant Time: Mar 09 00:06:55 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

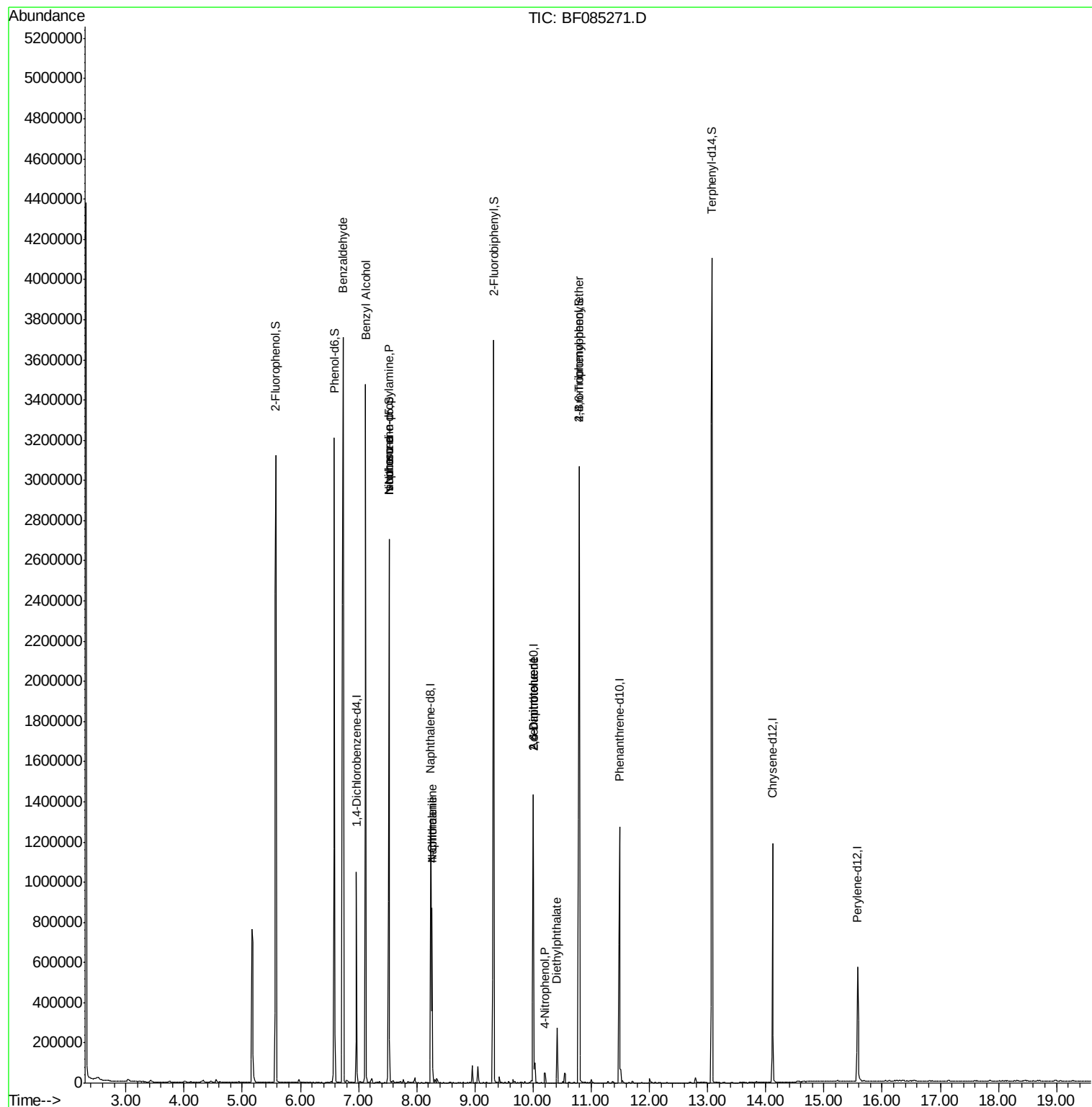
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	150326	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	576064	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	284444	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	548561	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	384946	20.00	ng	-0.03
86) Perylene-d12	15.58	264	265713	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1252324	139.74	ng	0.00
7) Phenol-d6	6.58	99	1211902	103.22	ng	-0.02
23) Nitrobenzene-d5	7.52	82	930812	86.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	383000	157.36	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1763115	94.27	ng	-0.02
78) Terphenyl-d14	13.08	244	1793798	108.17	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	28230	2.27	ng	89
15) Benzyl Alcohol	7.12	79	17301	2.01	ng	# 40
19) n-Nitroso-di-n-propylamine	7.52	70	125554	16.41	ng	# 78
25) Isophorone	7.52	82	703730	35.28	ng	# 67
31) Naphthalene	8.26	128	364389	12.86	ng	98
33) 4-Chloroaniline	8.26	127	47215	4.12	ng	# 30
50) 2,6-Dinitrotoluene	10.00	165	35446	7.59	ng	# 26
55) 4-Nitrophenol	10.21	139	11507	2.62	ng	# 17
56) 2,4-Dinitrotoluene	10.00	165	35440	5.93	ng	# 22
59) Diethylphthalate	10.41	149	91396	4.31	ng	96
66) 4-Bromophenyl-phenylether	10.79	248	28280	5.31	ng	# 1

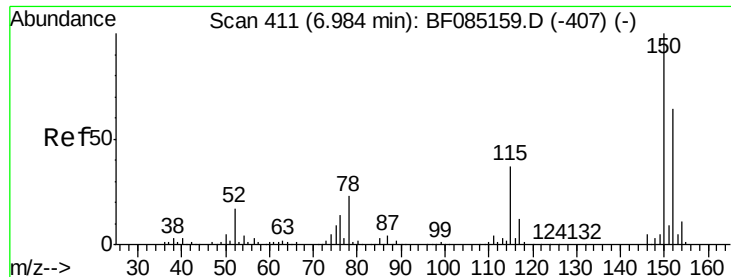
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 00:06:55 2016
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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Instrument :

BNA_F

ClientSampleId :

LAR-9899-A

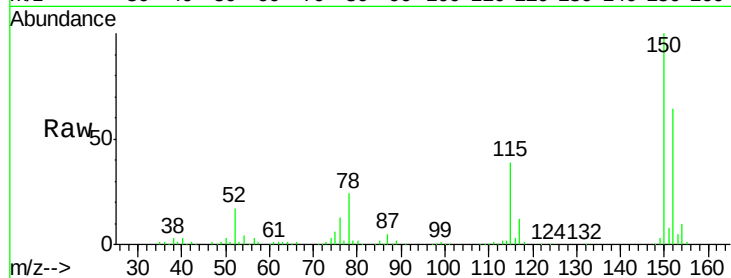
Tgt Ion:152 Resp: 150326

Ion Ratio Lower Upper

152 100

150 155.2 124.6 186.8

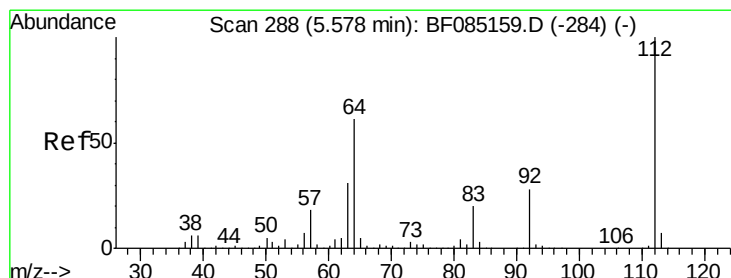
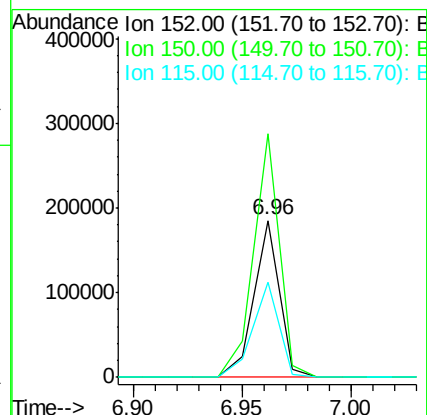
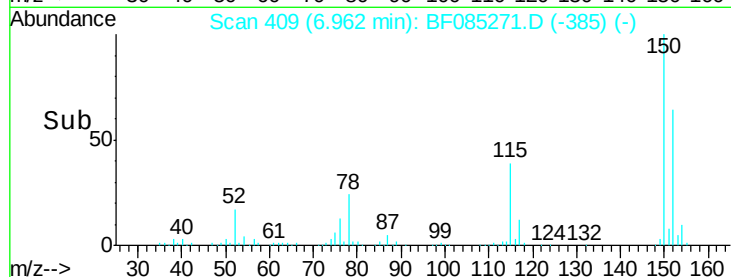
115 60.5 46.6 70.0



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: 139.74 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

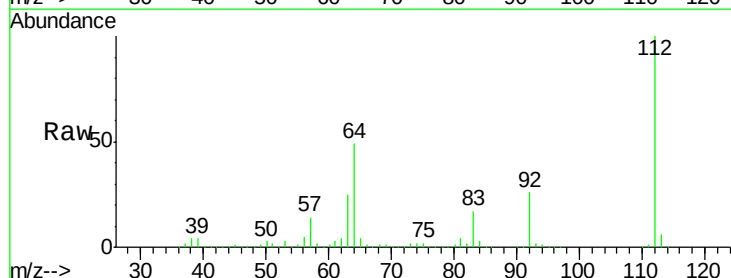
Tgt Ion:112 Resp: 1252324

Ion Ratio Lower Upper

112 100

64 48.9 49.0 73.4#

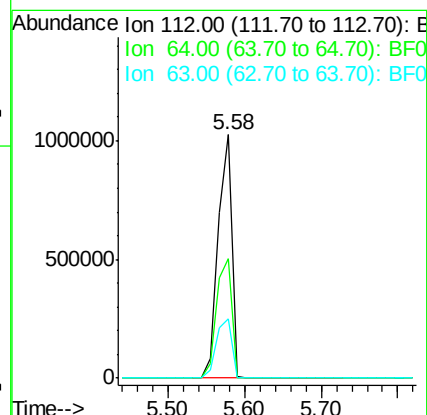
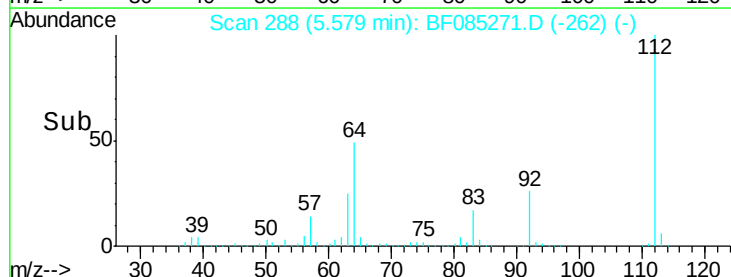
63 24.6 24.8 37.2#

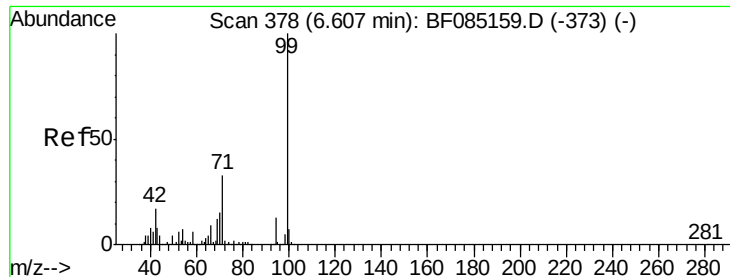


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.22 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Instrument :

BNA_F

ClientSampleId :

LAR-9899-A

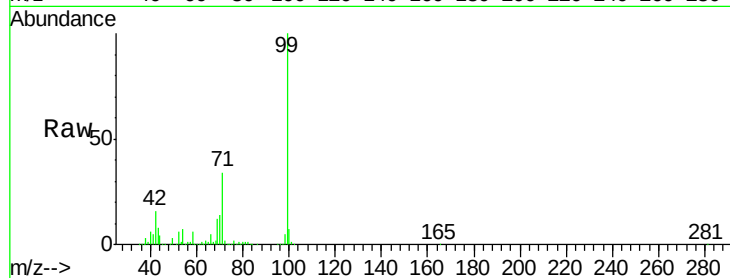
Tgt Ion: 99 Resp: 1211902

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

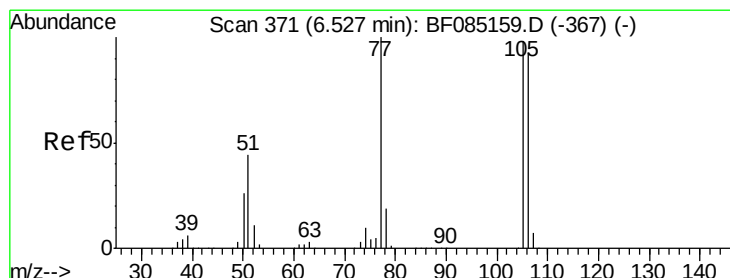
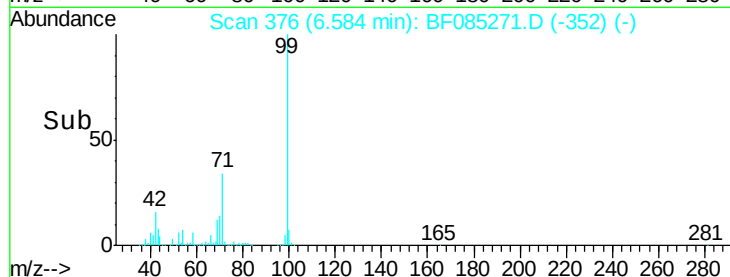
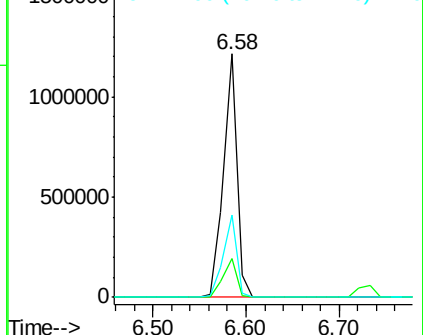
71 33.6 26.7 40.1



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



#9

Benzaldehyde

Concen: 2.27 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

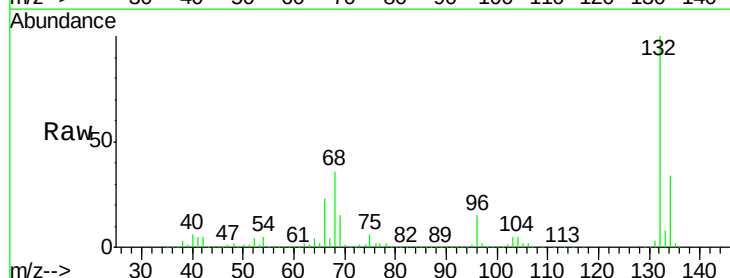
Tgt Ion: 77 Resp: 28230

Ion Ratio Lower Upper

77 100

105 87.6 78.2 118.2

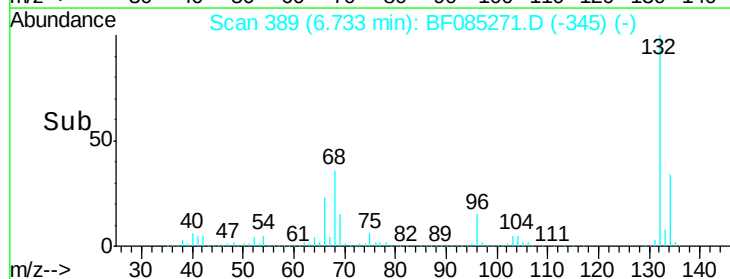
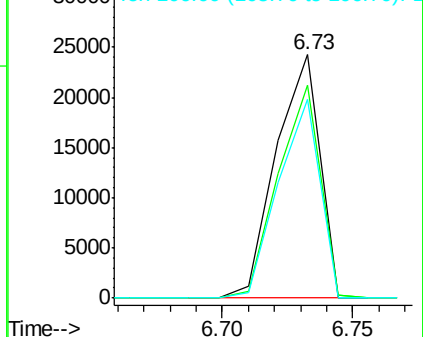
106 81.7 72.9 112.9

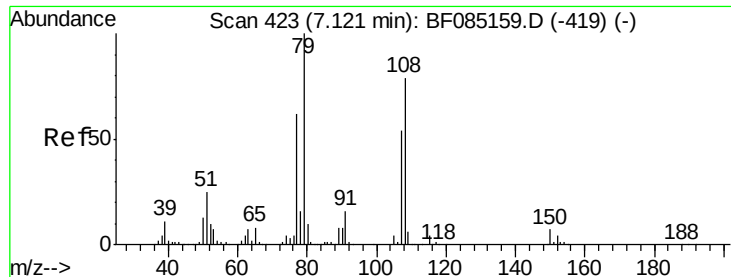


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Instrument :

BNA_F

ClientSampled :

LAR-9899-A

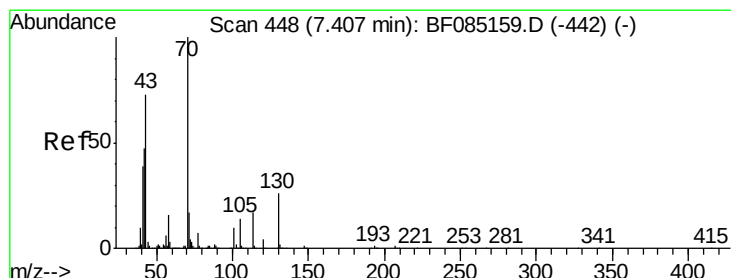
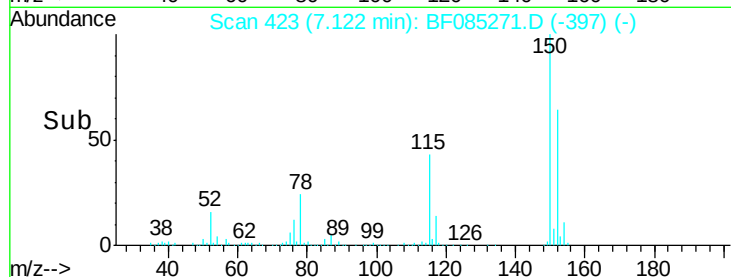
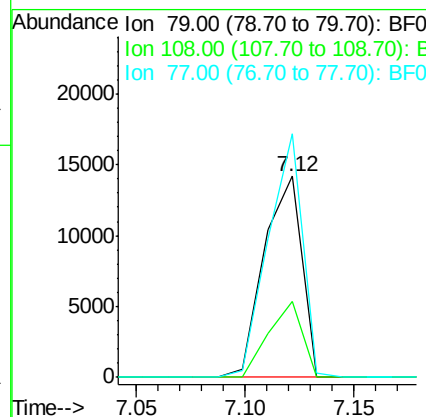
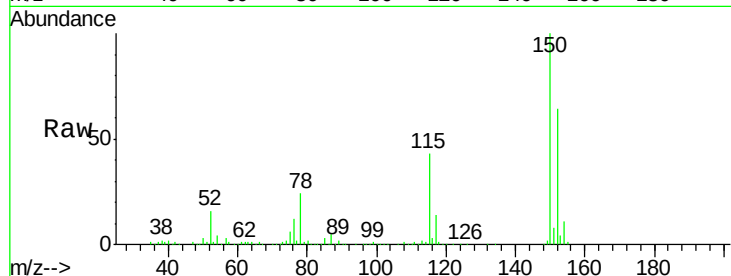
Tgt Ion: 79 Resp: 17301

Ion Ratio Lower Upper

79 100

108 37.4 62.9 94.3#

77 121.0 49.5 74.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.41 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Tgt Ion: 70 Resp: 125554

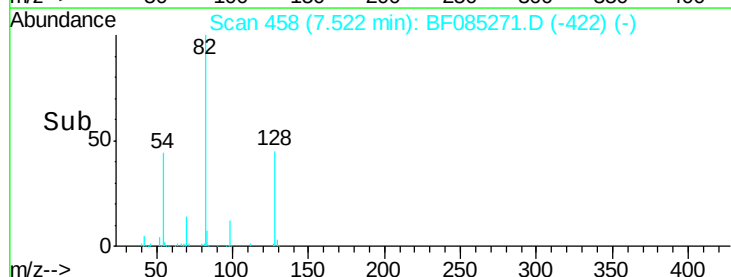
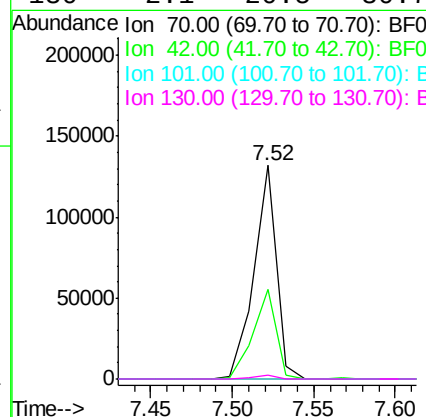
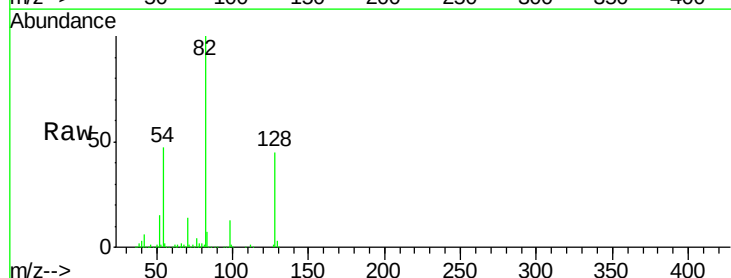
Ion Ratio Lower Upper

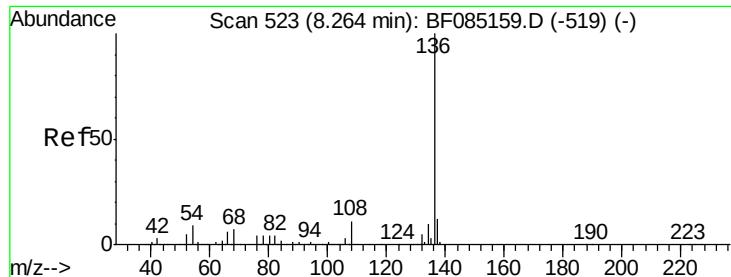
70 100

42 41.8 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

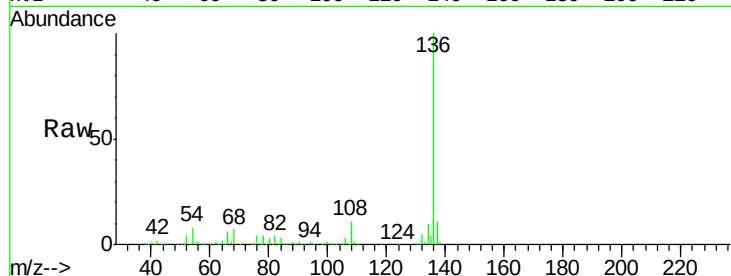




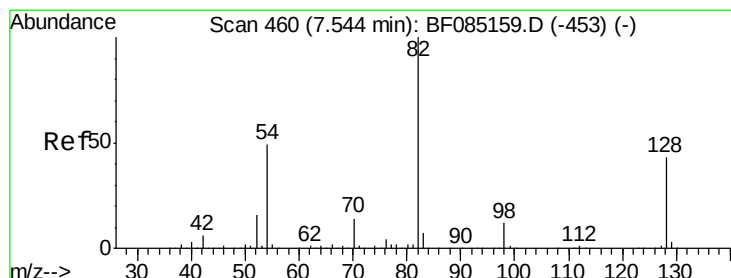
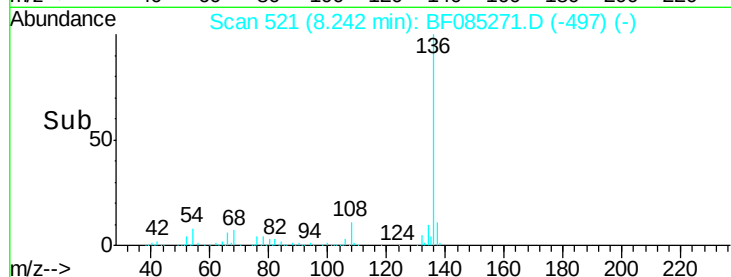
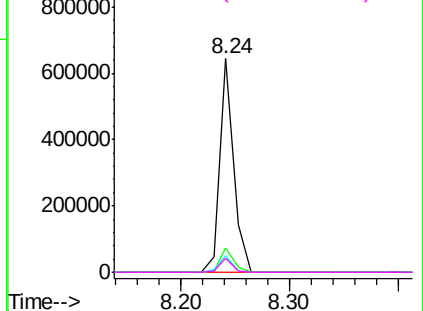
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Instrument :
BNA_F
ClientSampleId :
LAR-9899-A

Tgt Ion:	136	Resp:	576064
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.0	7.4	11.2
68	6.6	6.0	9.0

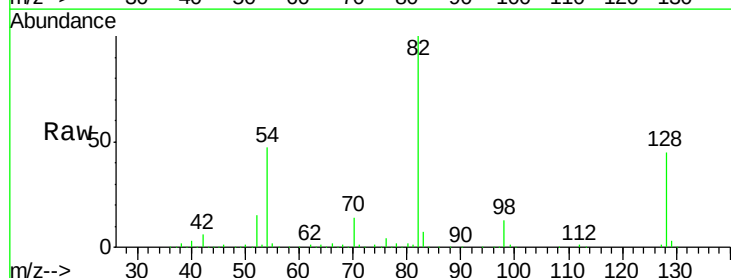


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

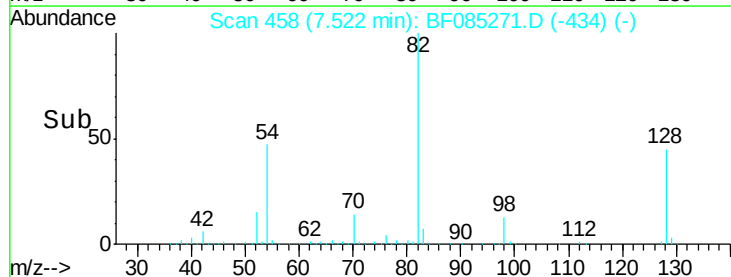
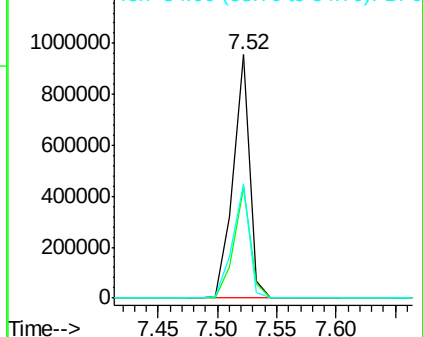


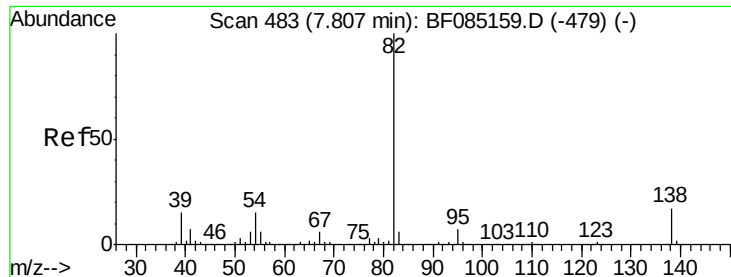
#23
Nitrobenzene-d5
Concen: 86.47 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Tgt Ion:	82	Resp:	930812
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.5	51.7
54	46.7	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

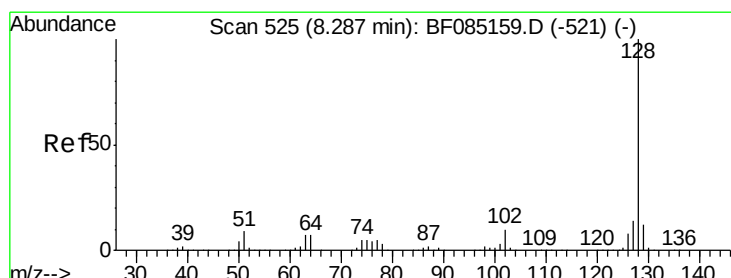
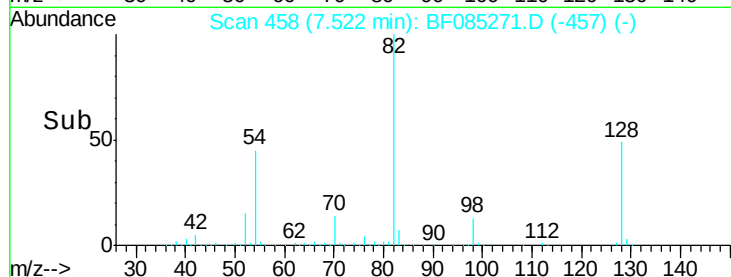
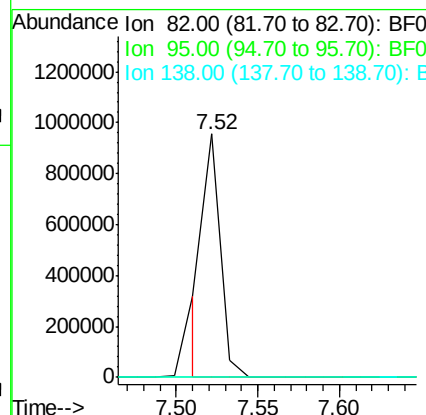
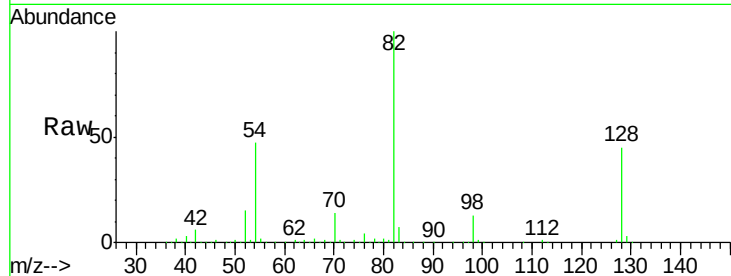




#25
Isophorone
Concen: 35.28 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

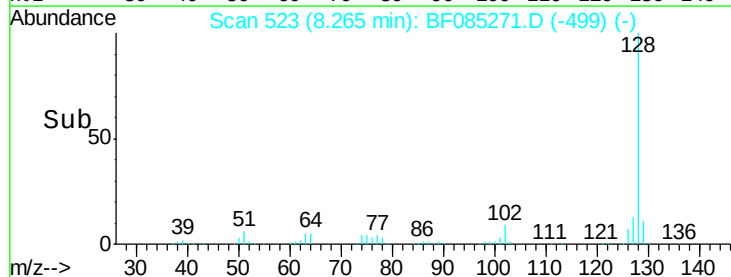
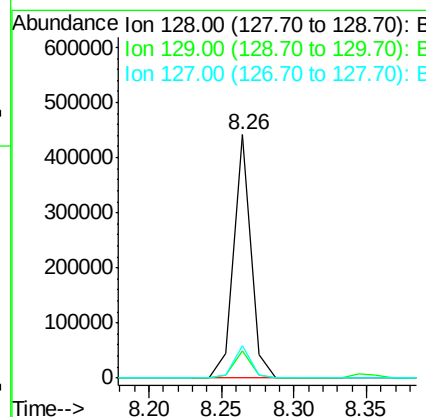
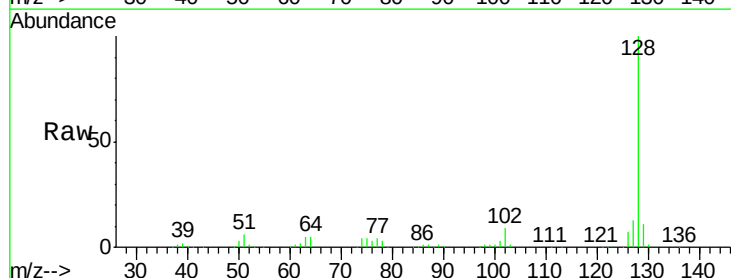
Instrument :
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ClientSampleId :
LAR-9899-A

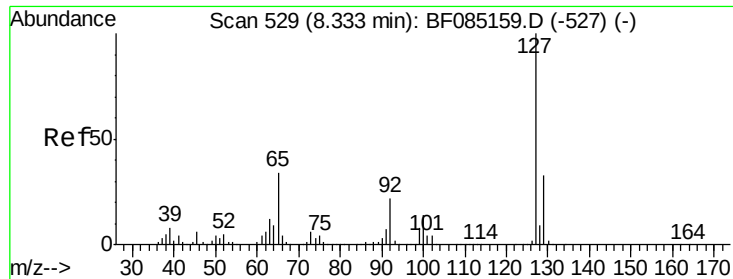
Tgt Ion: 82 Resp: 703730
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.3 19.9#



#31
Naphthalene
Concen: 12.86 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Tgt Ion: 128 Resp: 364389
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 13.1 11.2 16.8

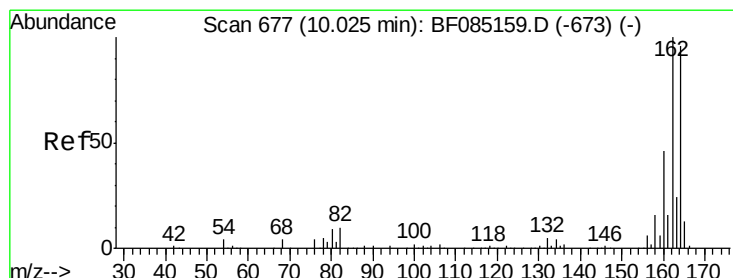
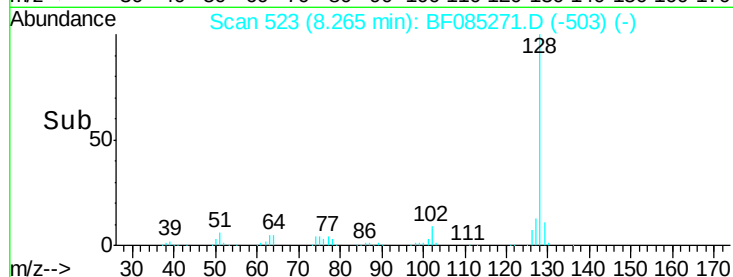
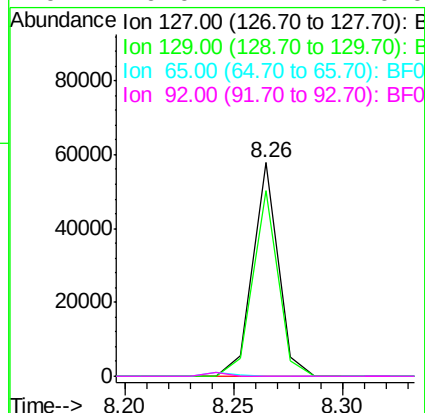
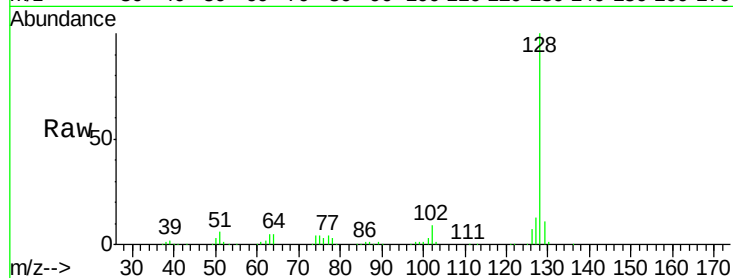




#33
4-Chloroaniline
Concen: 4.12 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.07 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

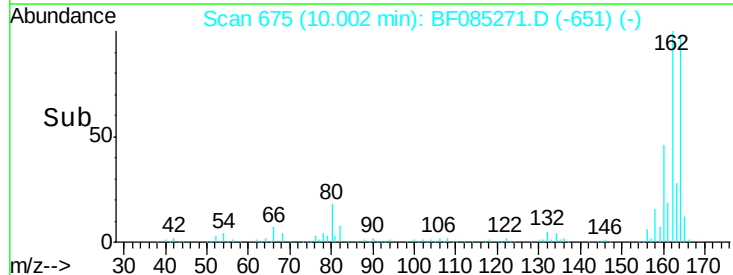
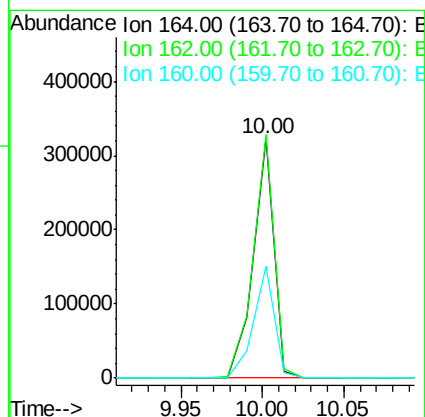
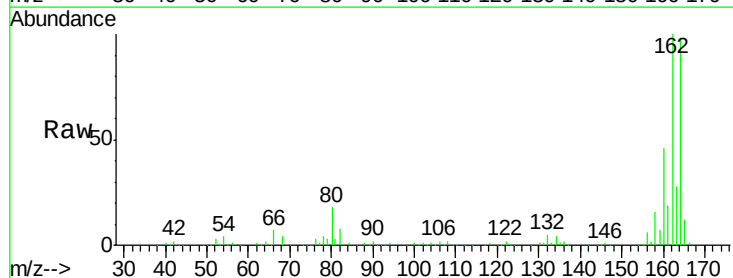
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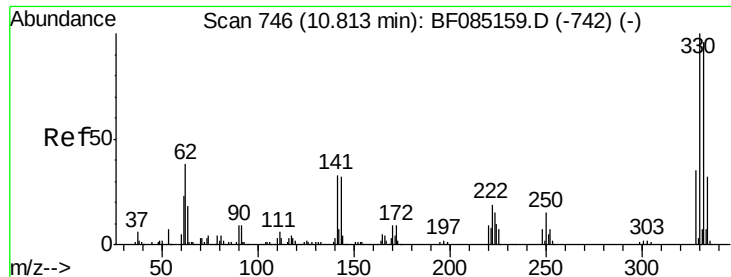
Tgt Ion:127 Resp: 47215
Ion Ratio Lower Upper
127 100
129 86.7 26.1 39.1#
65 0.0 27.0 40.6#
92 0.0 17.4 26.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Tgt Ion:164 Resp: 284444
Ion Ratio Lower Upper
164 100
162 101.7 83.3 124.9
160 46.7 37.9 56.9

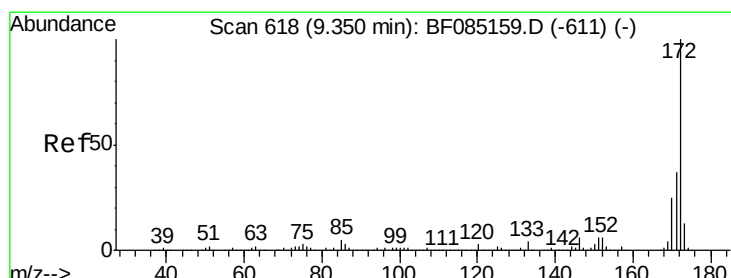
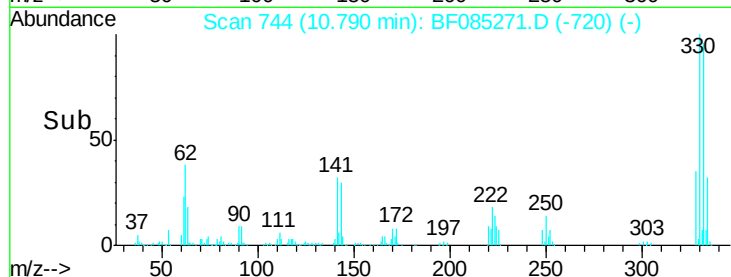
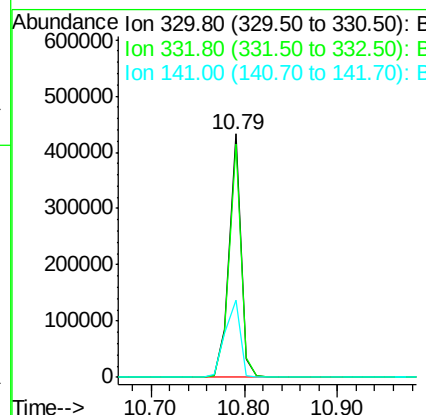
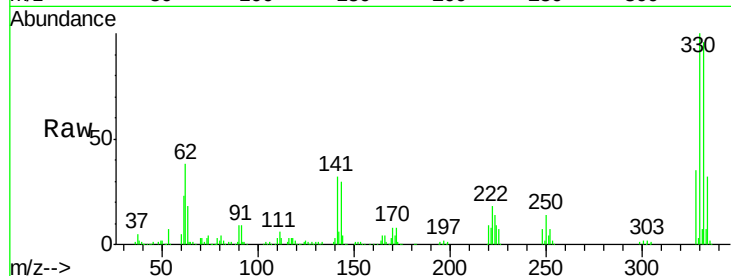




#41
 2,4,6-Tribromophenol
 Concen: 157.36 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085271.D
 Acq: 8 Mar 2016 22:35

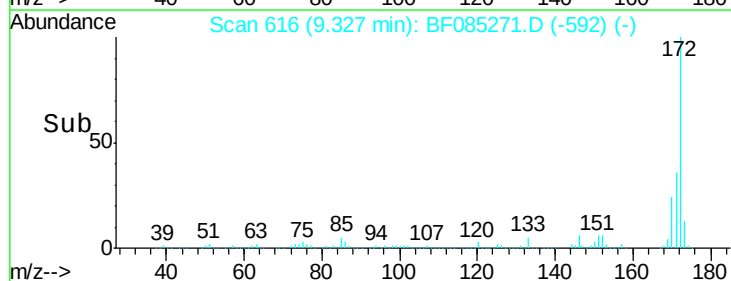
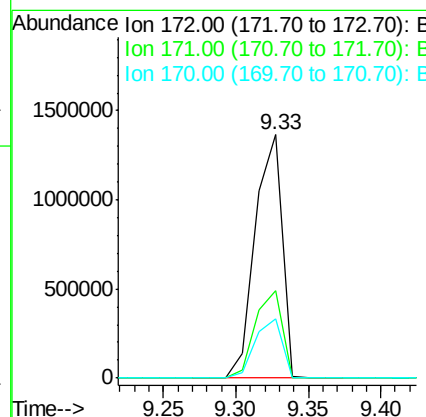
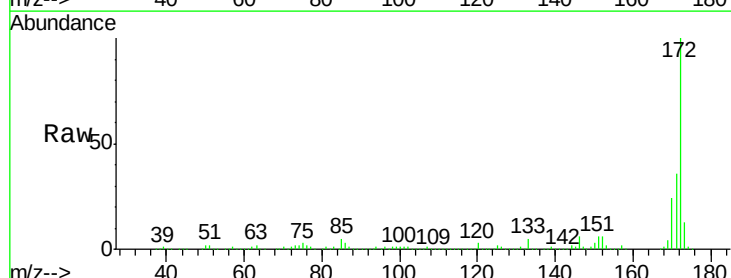
Instrument :
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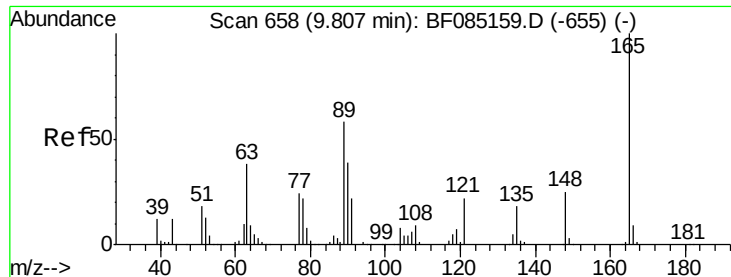
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	40.3	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 94.27 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085271.D
 Acq: 8 Mar 2016 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.5	20.0	30.0





#50

2,6-Dinitrotoluene

Concen: 7.59 ng

RT: 10.00 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Instrument :

BNA_F

ClientSampleId :

LAR-9899-A

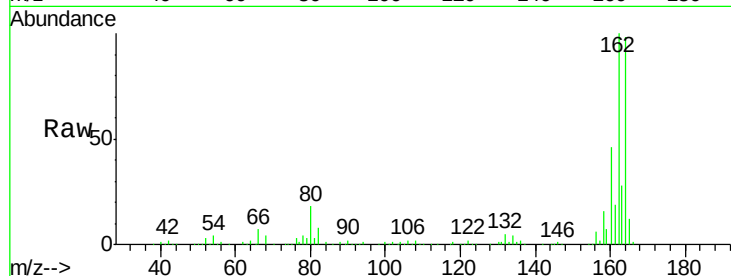
Tgt Ion:165 Resp: 35446

Ion Ratio Lower Upper

165 100

63 1.4 41.8 62.8#

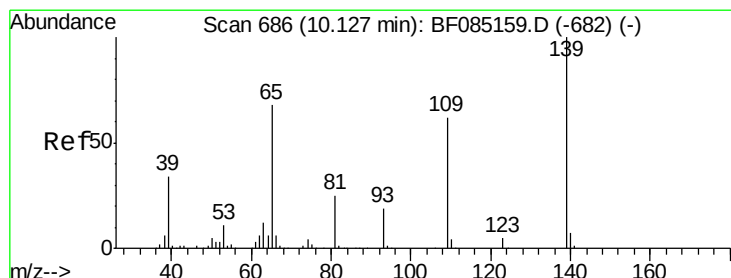
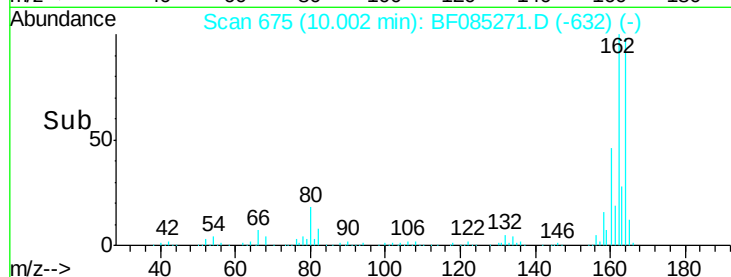
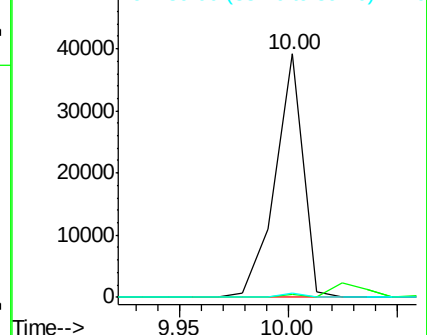
89 1.6 46.7 70.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#55

4-Nitrophenol

Concen: 2.62 ng

RT: 10.21 min Scan# 693

Delta R.T. 0.08 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

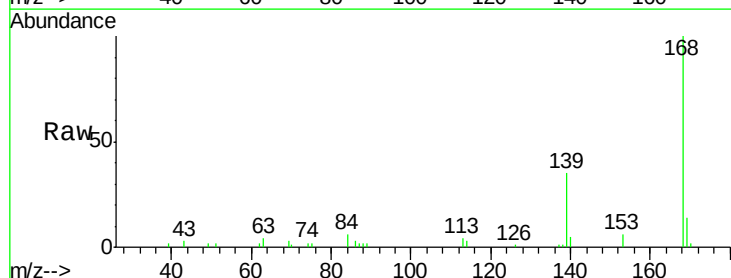
Tgt Ion:139 Resp: 11507

Ion Ratio Lower Upper

139 100

109 0.0 41.9 81.9#

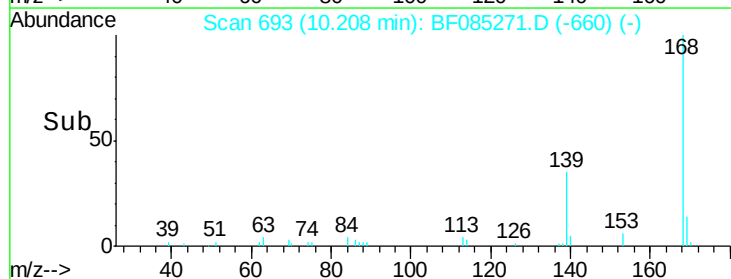
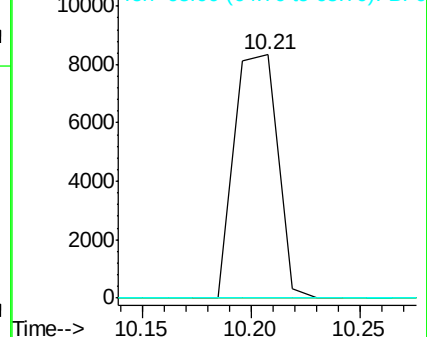
65 0.0 48.3 88.3#

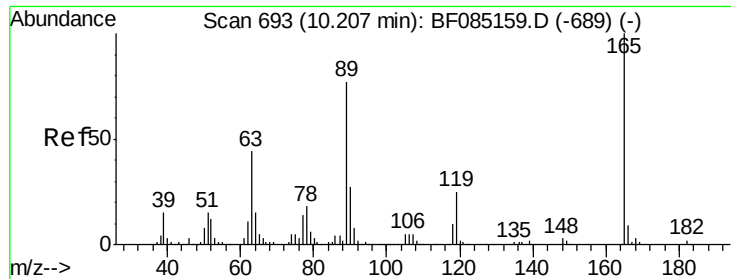


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

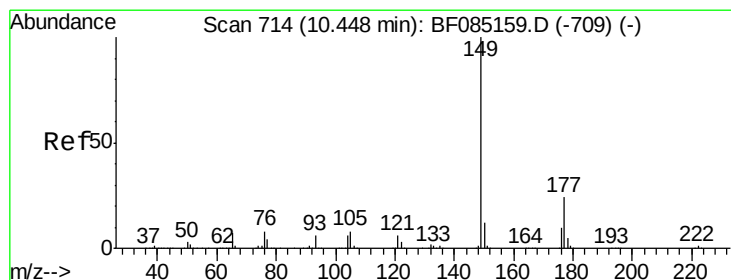
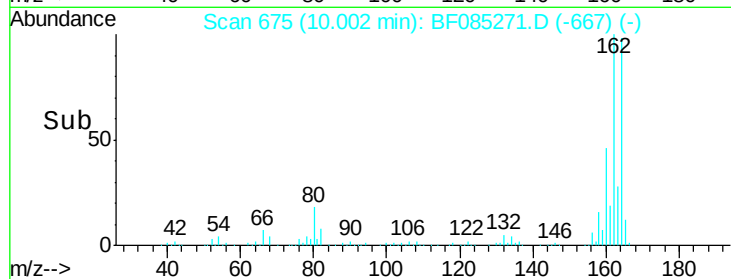
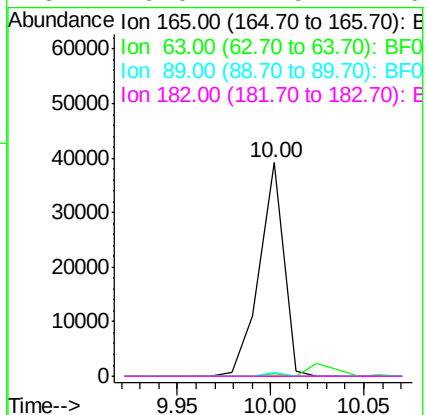
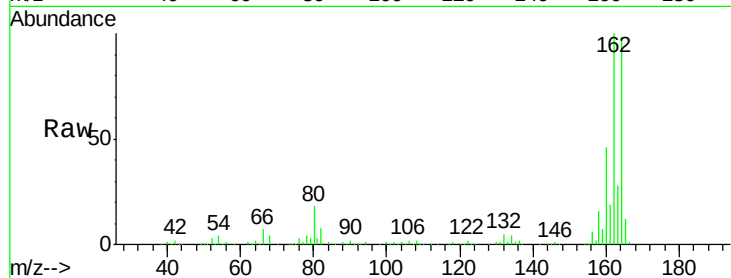




#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

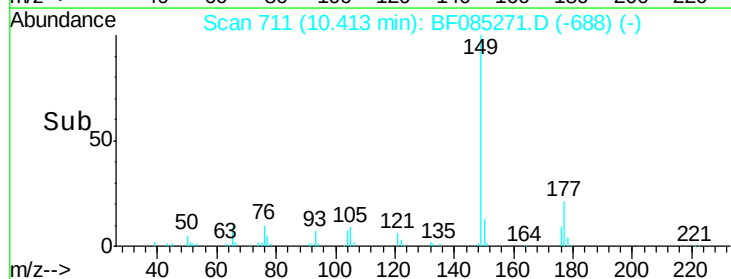
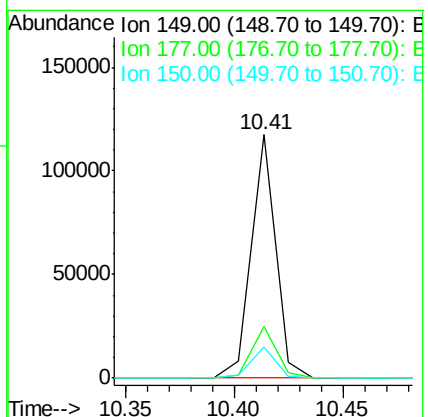
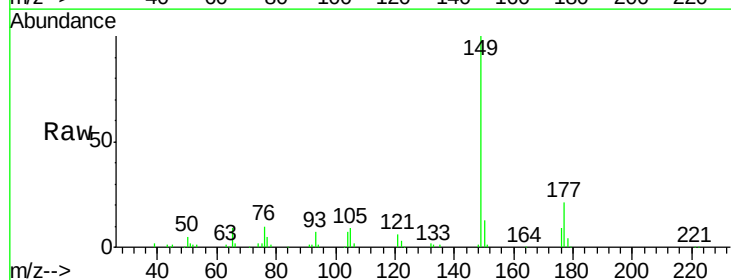
Instrument :
BNA_F
ClientSampleId :
LAR-9899-A

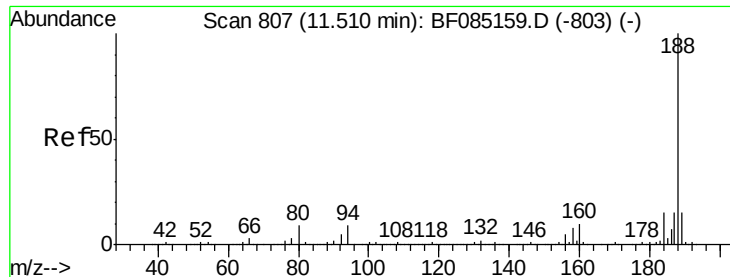
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



#59
Diethylphthalate
Concen: 4.31 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	19.2	28.8
150	12.6	9.9	14.9

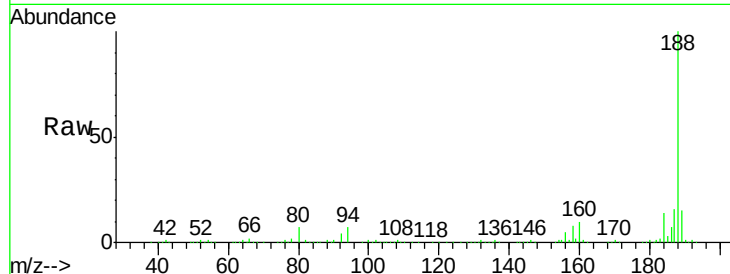




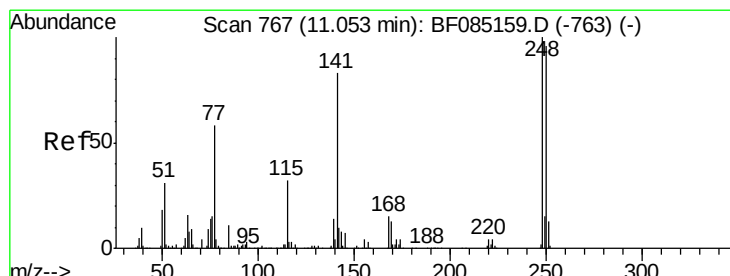
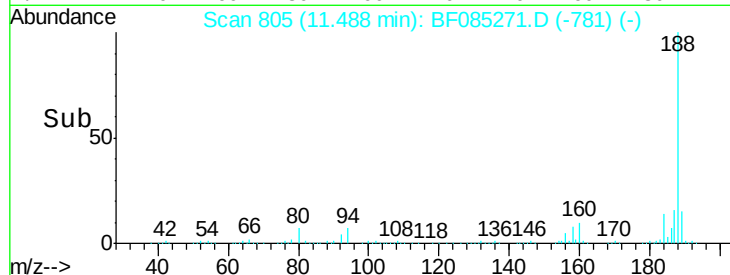
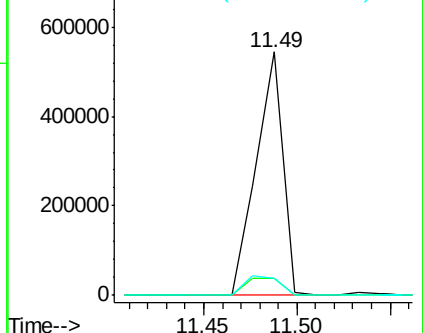
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Instrument :
BNA_F
ClientSampleId :
LAR-9899-A

Tgt Ion:188 Resp: 548561
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.2 7.4 11.0#

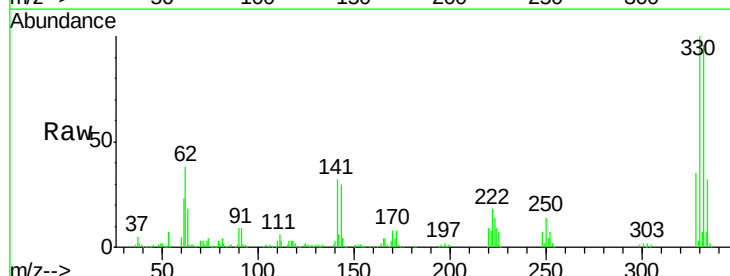


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

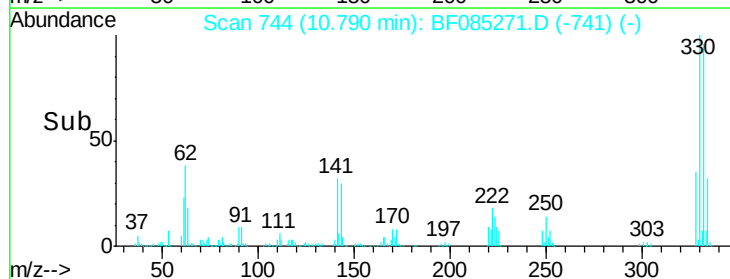
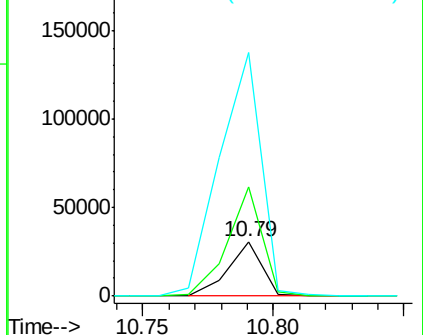


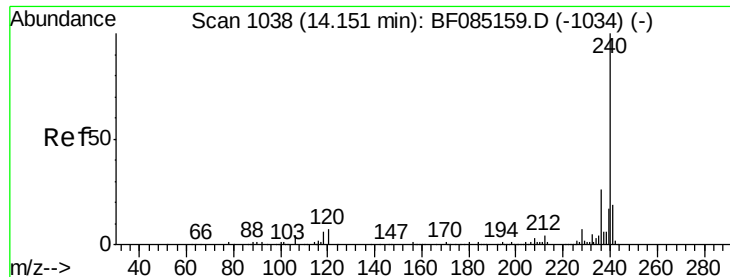
#66
4-Bromophenyl-phenylether
Concen: 5.31 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Tgt Ion:248 Resp: 28280
Ion Ratio Lower Upper
248 100
250 200.1 77.1 115.7#
141 445.6 66.2 99.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

Instrument :

BNA_F

ClientSampled :

LAR-9899-A

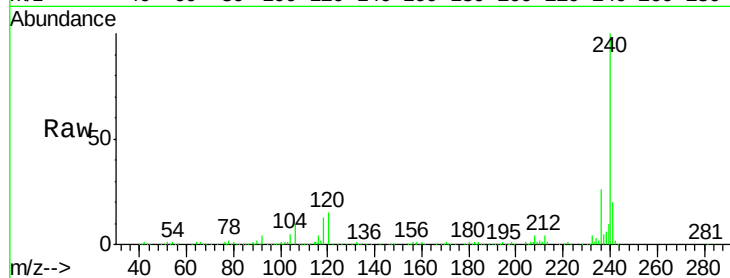
Tgt Ion:240 Resp: 384946

Ion Ratio Lower Upper

240 100

120 15.1 5.3 7.9#

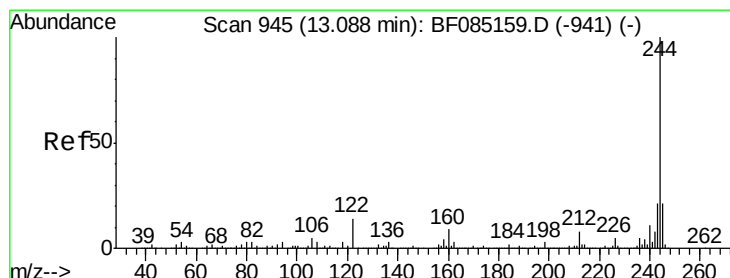
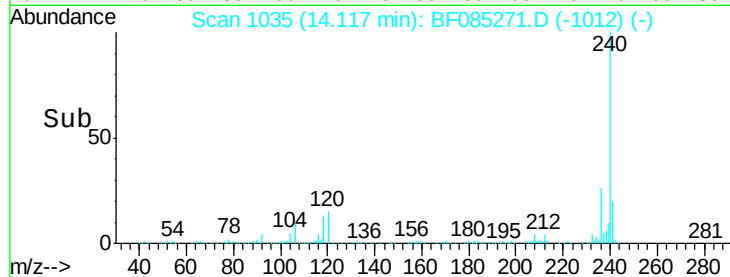
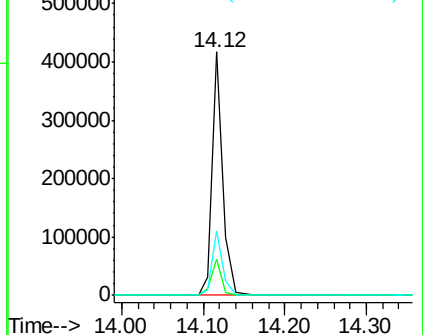
236 26.4 20.7 31.1



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: 108.17 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085271.D

Acq: 8 Mar 2016 22:35

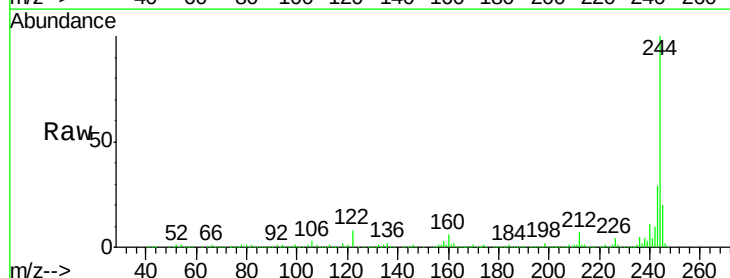
Tgt Ion:244 Resp: 1793798

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

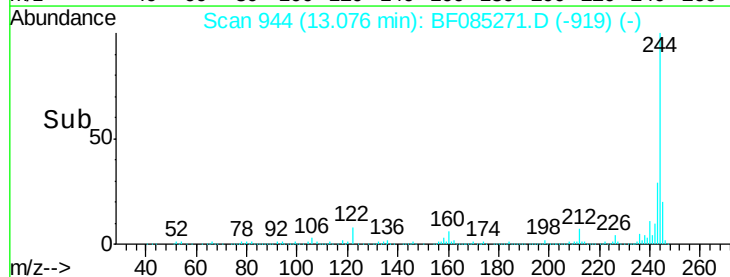
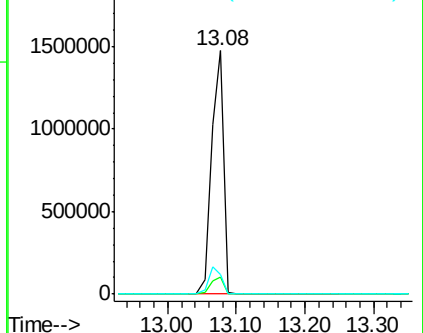
122 8.1 11.4 17.2#

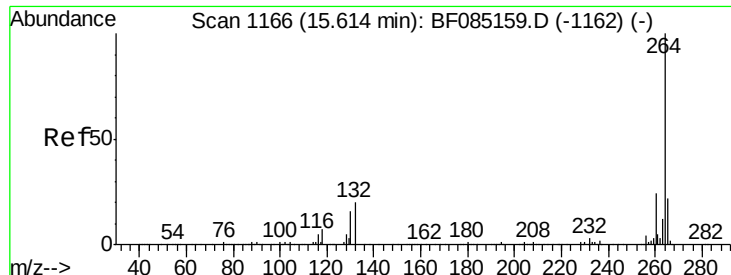


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

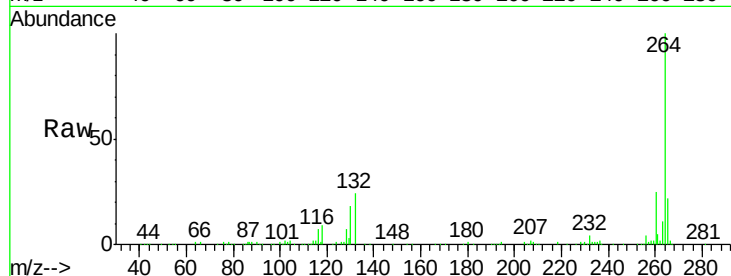




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085271.D
Acq: 8 Mar 2016 22:35

Instrument :
BNA_F
ClientSampleId :
LAR-9899-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	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

