

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085272.D
 Acq On : 8 Mar 2016 23:03
 Operator : UM/SJ
 Sample : H1704-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9899-B

Quant Time: Mar 09 01:18:26 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

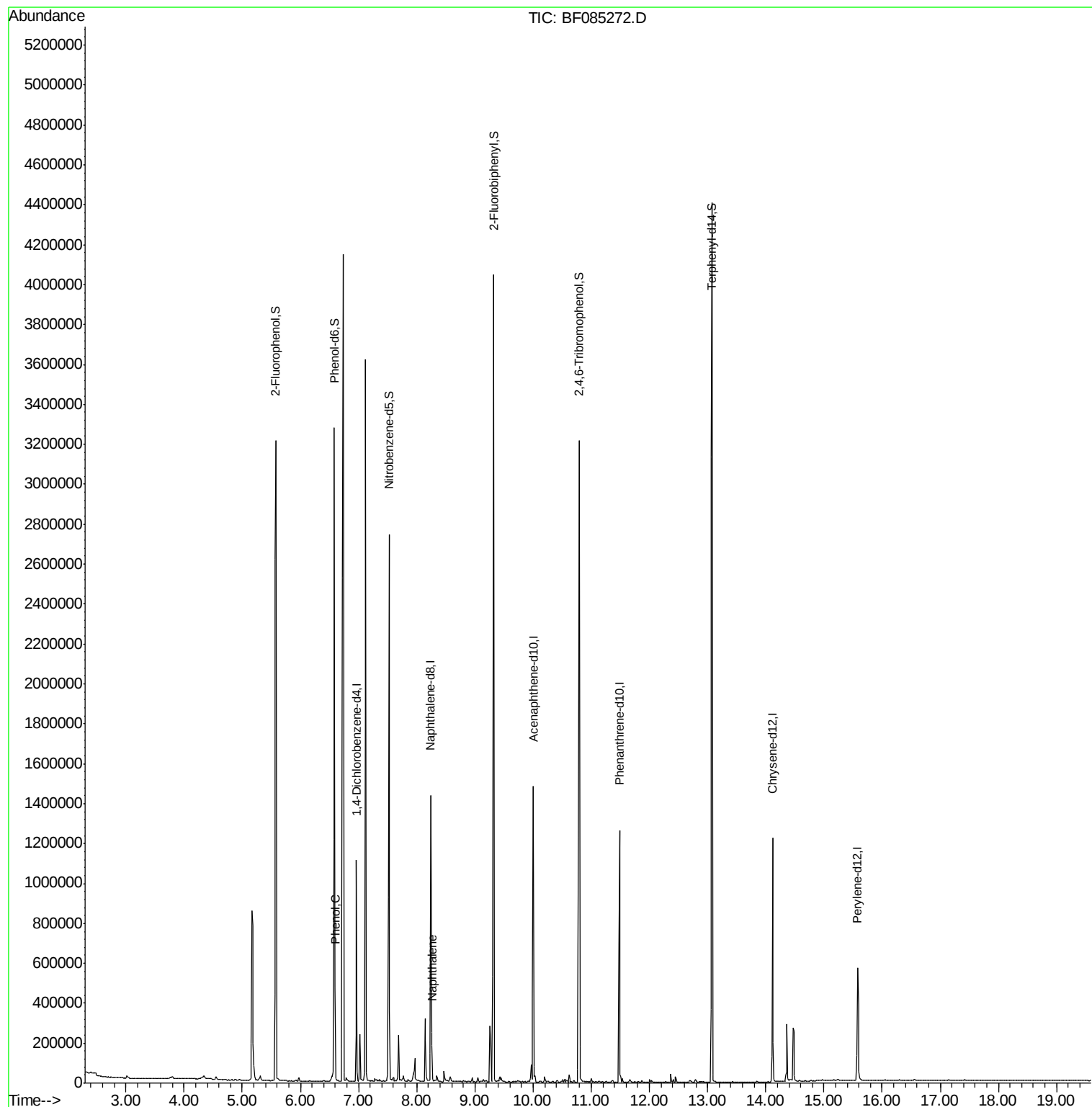
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	159402	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	605774	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	292101	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	547368	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	380698	20.00	ng	-0.03
86) Perylene-d12	15.58	264	275885	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1324016	139.33	ng	0.00
7) Phenol-d6	6.58	99	1289781	103.59	ng	-0.02
23) Nitrobenzene-d5	7.52	82	974216	86.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	384914	154.00	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1874058	97.57	ng	-0.02
78) Terphenyl-d14	13.08	244	1817654	110.84	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	26740	2.01	ng	91
31) Naphthalene	8.26	128	70828	2.38	ng	97

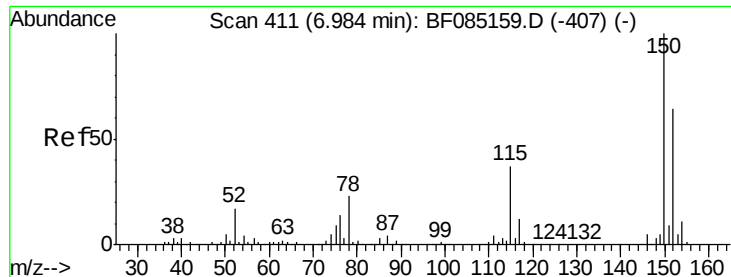
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 8 Mar 2016 23:03
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9899-B

Quant Time: Mar 09 01:18:26 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085272.D

Acq: 8 Mar 2016 23:03

Instrument :

BNA_F

ClientSampleId :

LAR-9899-B

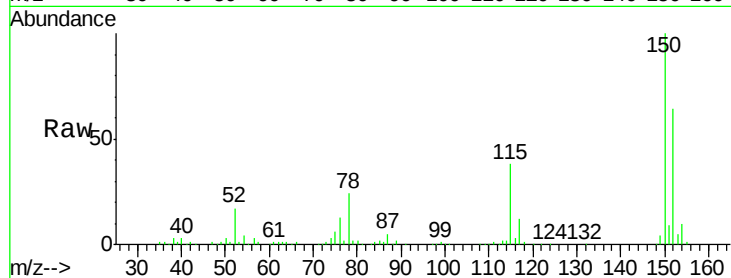
Tgt Ion:152 Resp: 159402

Ion Ratio Lower Upper

152 100

150 156.0 124.6 186.8

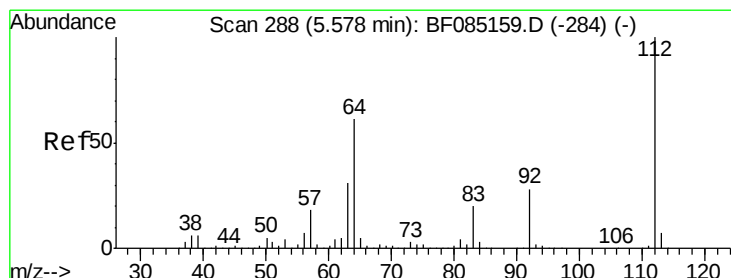
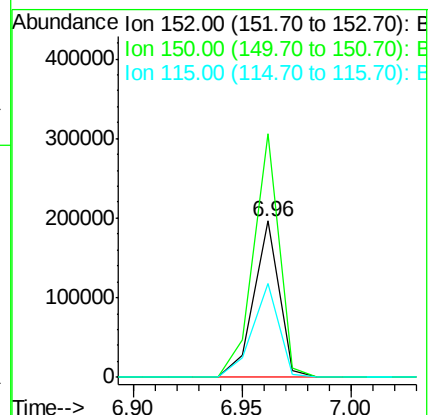
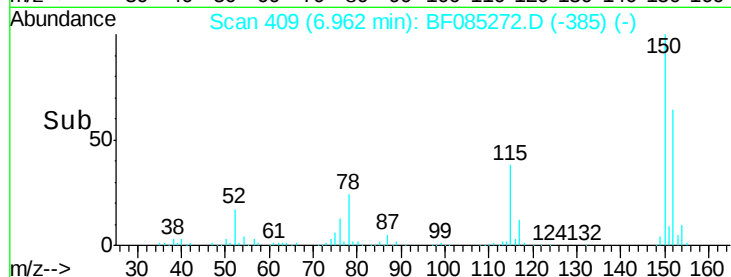
115 59.9 46.6 70.0



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: 139.33 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085272.D

Acq: 8 Mar 2016 23:03

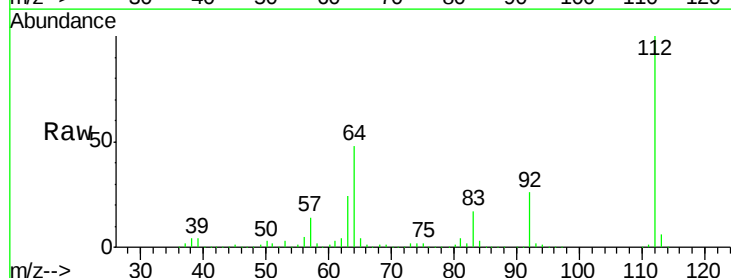
Tgt Ion:112 Resp: 1324016

Ion Ratio Lower Upper

112 100

64 48.3 49.0 73.4#

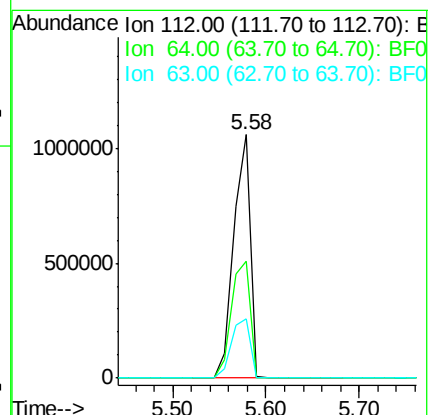
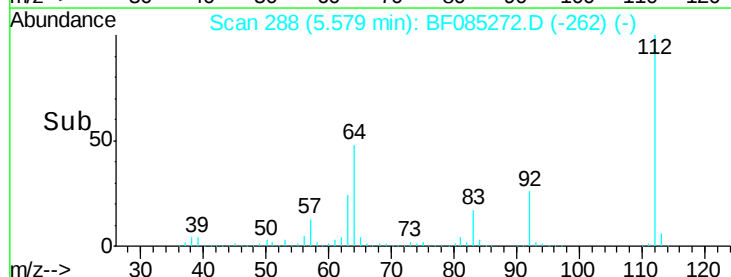
63 24.3 24.8 37.2#

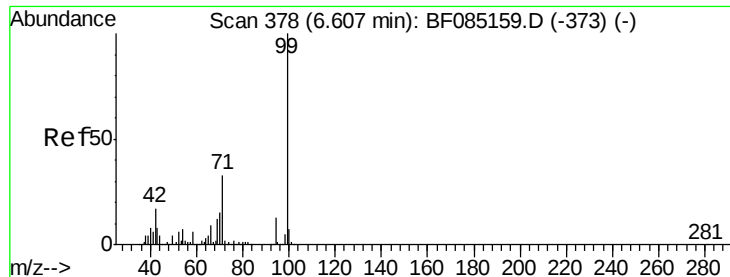


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.59 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085272.D

Acq: 8 Mar 2016 23:03

Instrument :

BNA_F

ClientSampleId :

LAR-9899-B

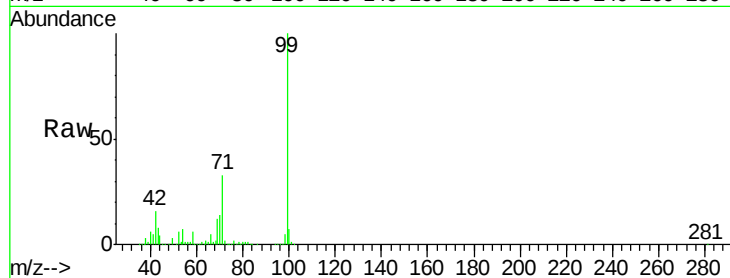
Tgt Ion: 99 Resp: 1289781

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

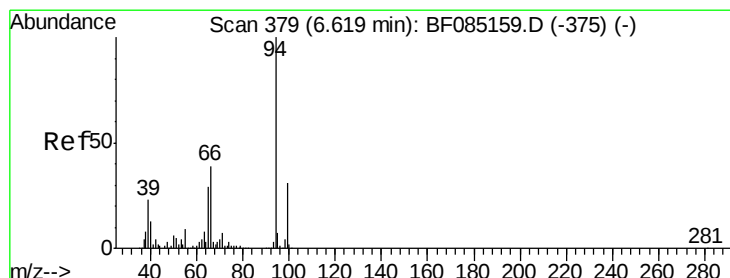
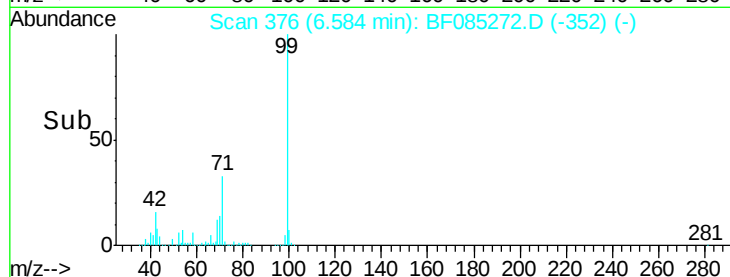
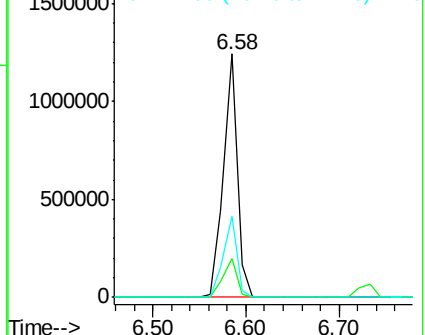
71 33.1 26.7 40.1



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



#10

Phenol

Concen: 2.01 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF085272.D

Acq: 8 Mar 2016 23:03

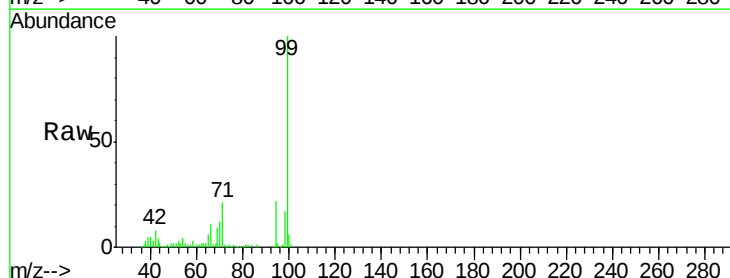
Tgt Ion: 94 Resp: 26740

Ion Ratio Lower Upper

94 100

65 29.5 9.1 49.1

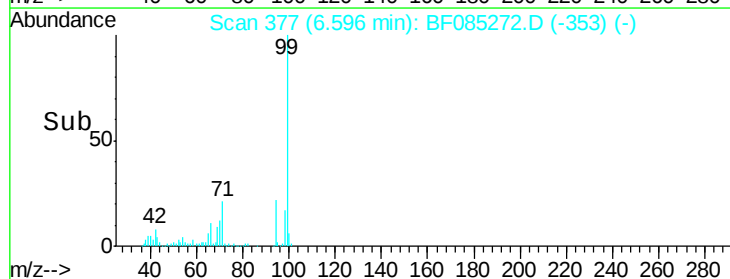
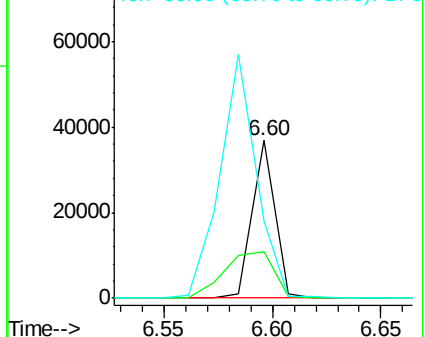
66 49.1 19.3 59.3

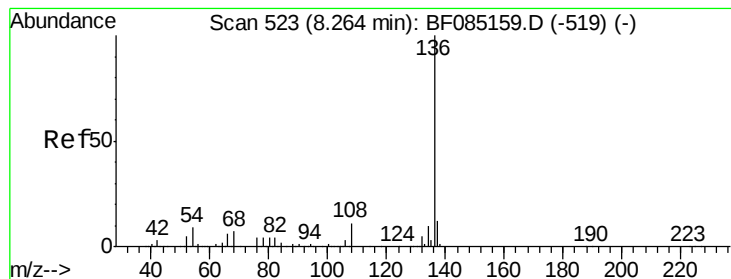


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085272.D

Acq: 8 Mar 2016 23:03

Instrument :

BNA_F

ClientSampleId :

LAR-9899-B

Tgt Ion:136 Resp: 605774

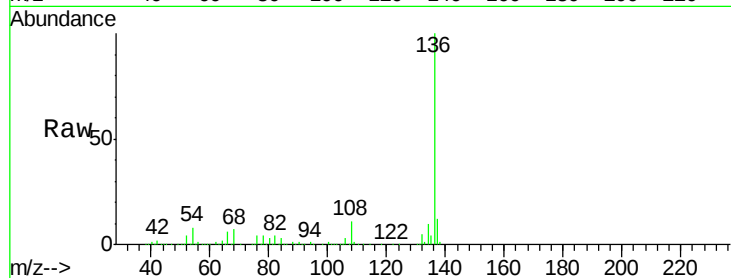
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 8.2 7.4 11.2

68 6.8 6.0 9.0

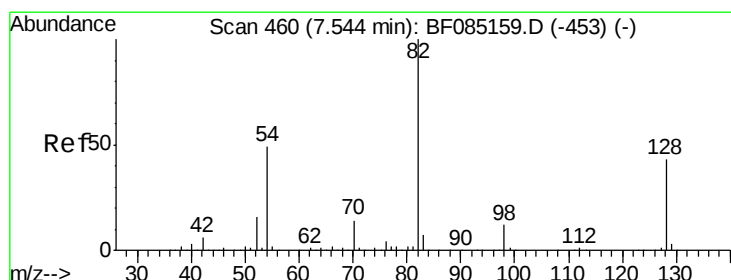
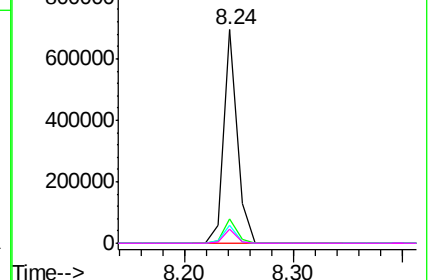
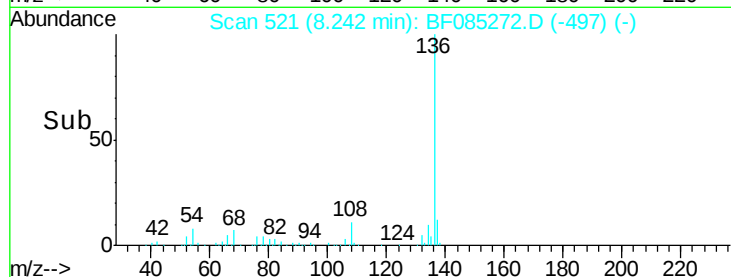


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.06 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085272.D

Acq: 8 Mar 2016 23:03

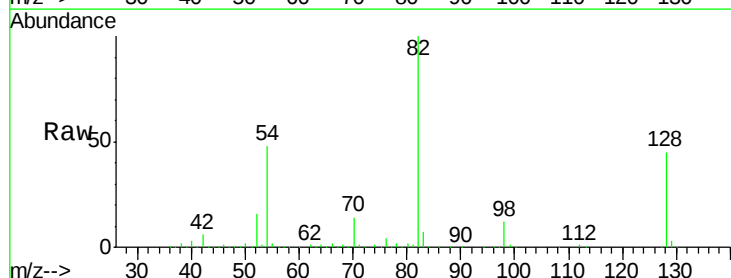
Tgt Ion: 82 Resp: 974216

Ion Ratio Lower Upper

82 100

128 44.5 34.5 51.7

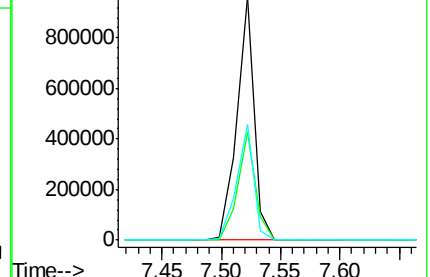
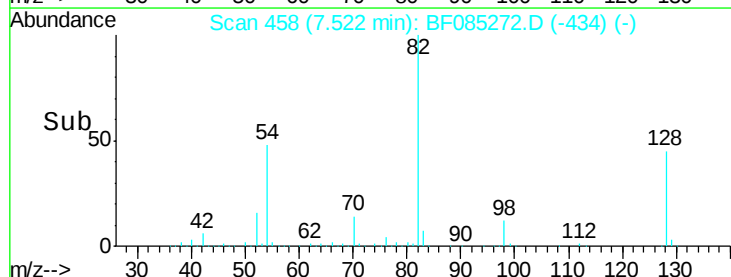
54 47.5 39.3 58.9

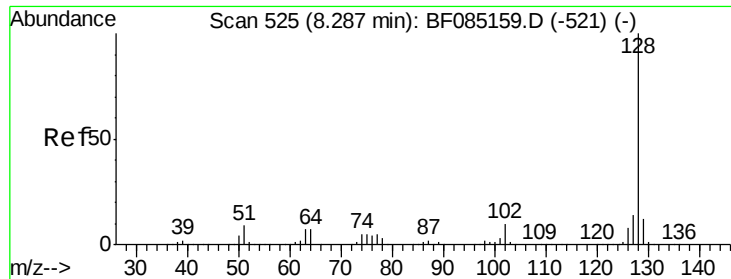


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

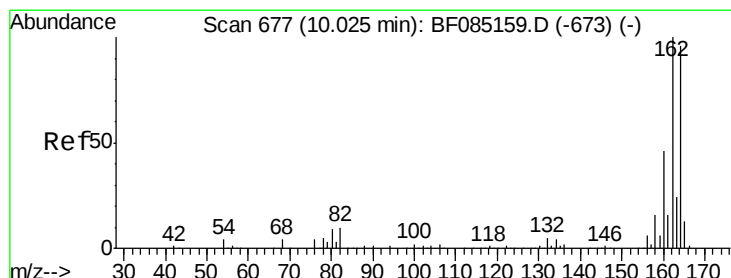
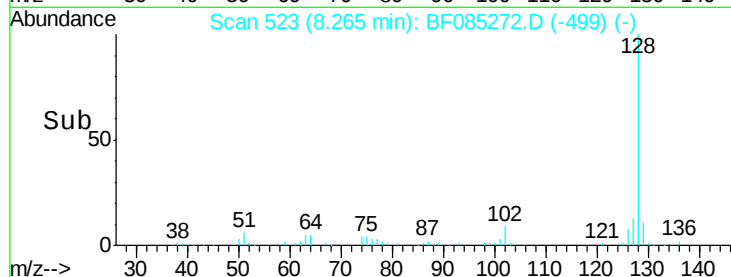
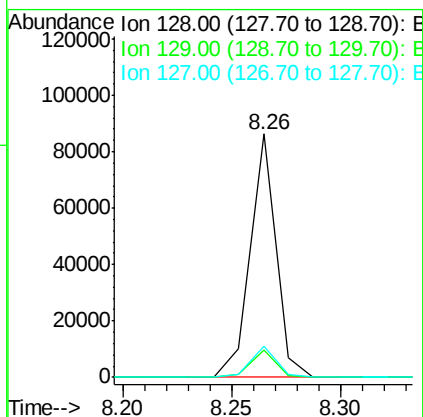
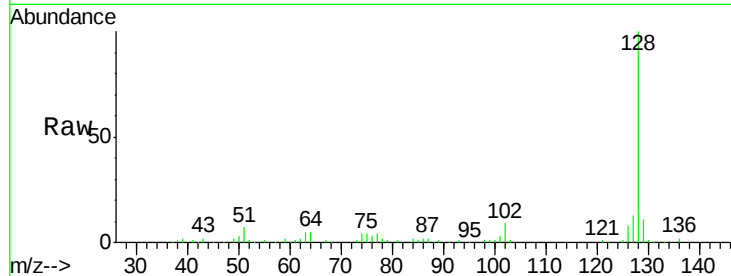




#31
Naphthalene
Concen: 2.38 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085272.D
Acq: 8 Mar 2016 23:03

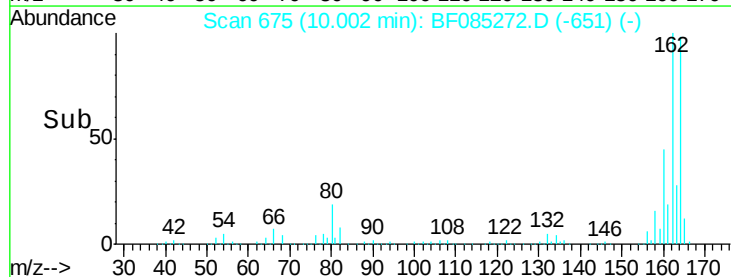
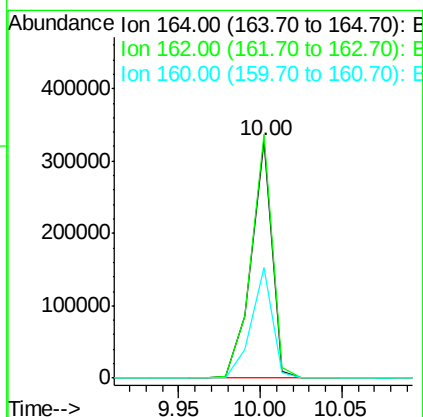
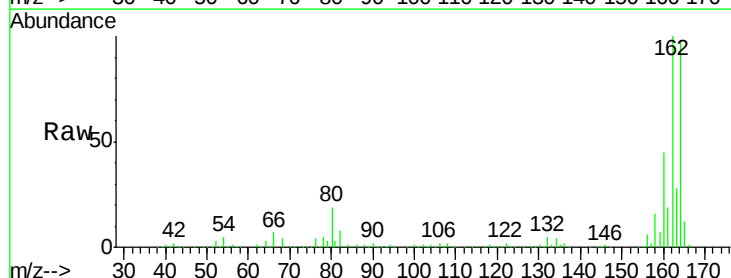
Instrument :
BNA_F
ClientSampleId :
LAR-9899-B

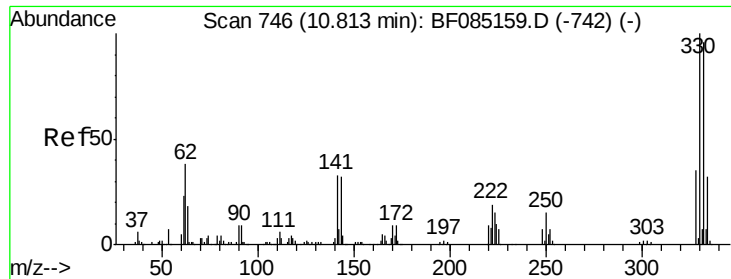
Tgt Ion:128 Resp: 70828
Ion Ratio Lower Upper
128 100
129 11.0 9.7 14.5
127 12.5 11.2 16.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085272.D
Acq: 8 Mar 2016 23:03

Tgt Ion:164 Resp: 292101
Ion Ratio Lower Upper
164 100
162 102.5 83.3 124.9
160 46.6 37.9 56.9

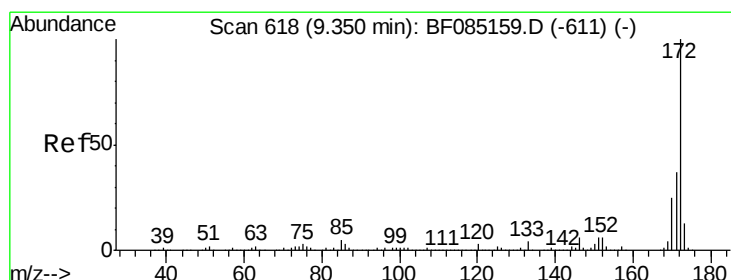
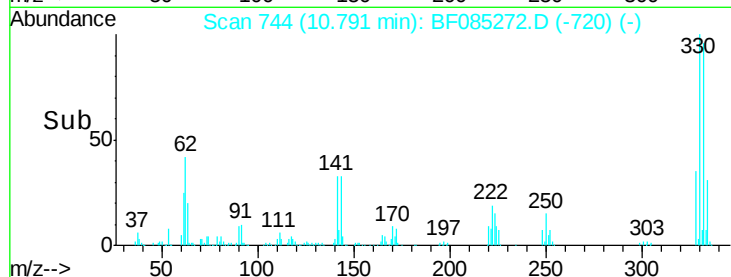
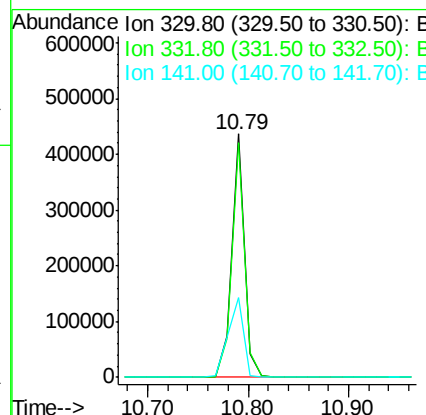
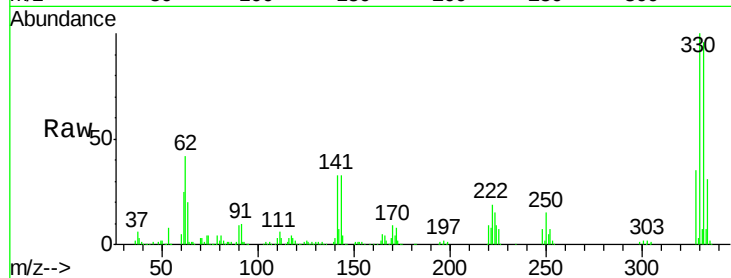




#41
 2,4,6-Tribromophenol
 Concen: 154.00 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085272.D
 Acq: 8 Mar 2016 23:03

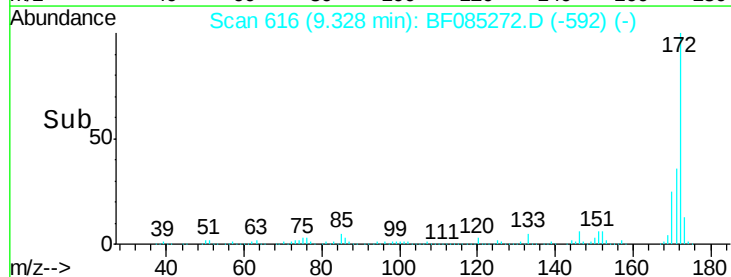
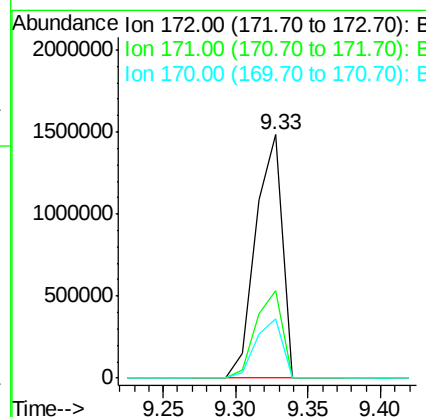
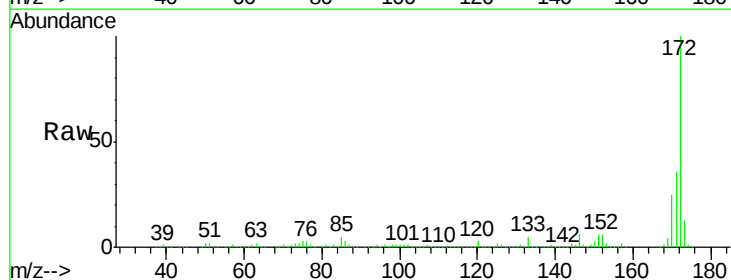
Instrument :
 BNA_F
 ClientSampleId :
 LAR-9899-B

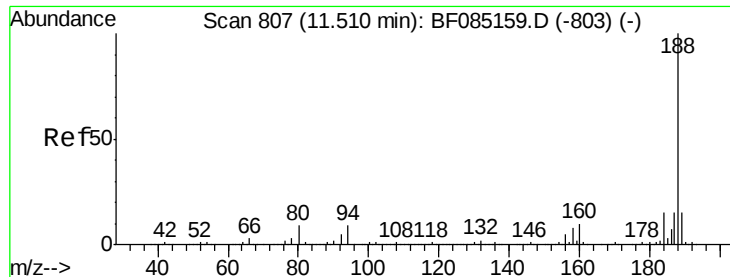
Tgt Ion:330 Resp: 384914
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 39.9 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 97.57 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085272.D
 Acq: 8 Mar 2016 23:03

Tgt Ion:172 Resp: 1874058
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.6 20.0 30.0

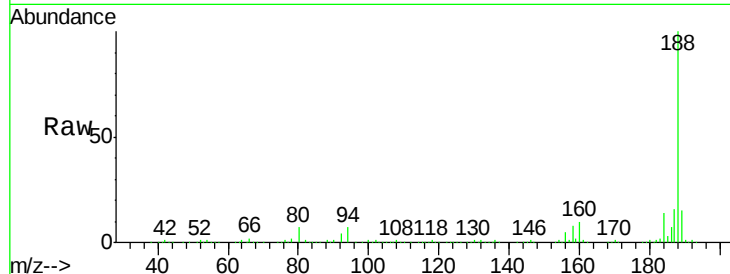




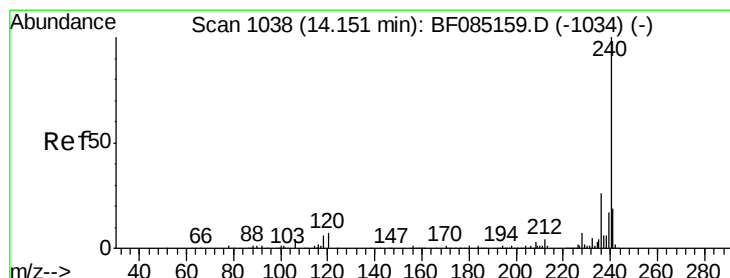
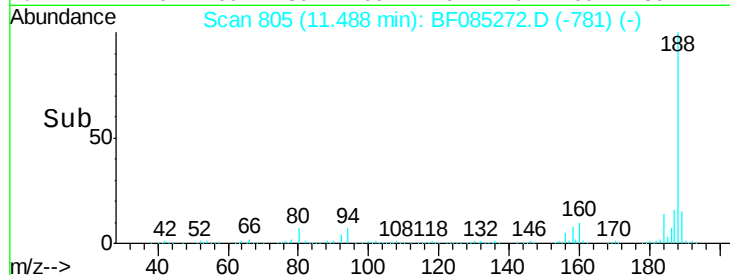
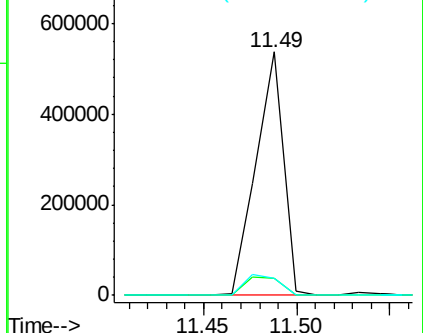
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085272.D
Acq: 8 Mar 2016 23:03

Instrument :
BNA_F
ClientSampleId :
LAR-9899-B

Tgt Ion:188 Resp: 547368
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 7.0 7.4 11.0#

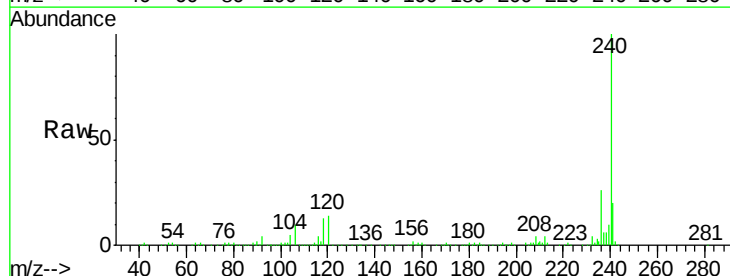


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

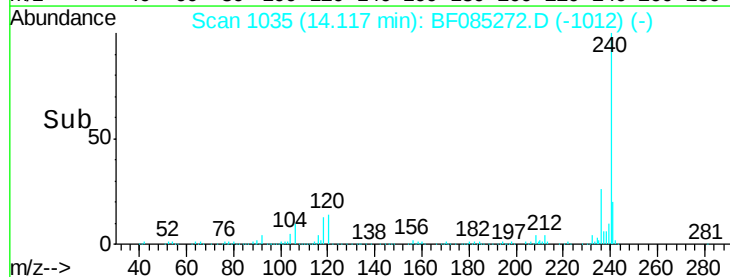
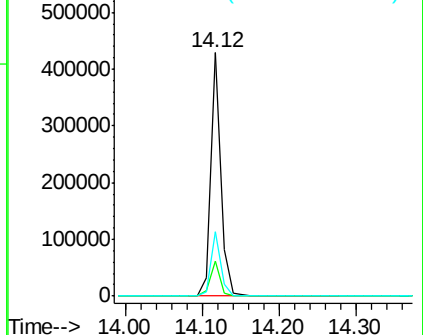


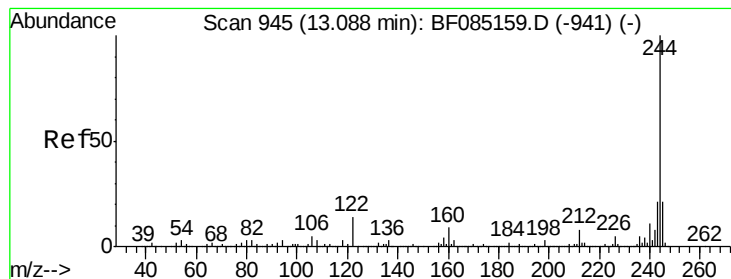
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085272.D
Acq: 8 Mar 2016 23:03

Tgt Ion:240 Resp: 380698
Ion Ratio Lower Upper
240 100
120 14.3 5.3 7.9#
236 26.5 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: 110.84 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085272.D

Acq: 8 Mar 2016 23:03

Instrument :

BNA_F

ClientSampleId :

LAR-9899-B

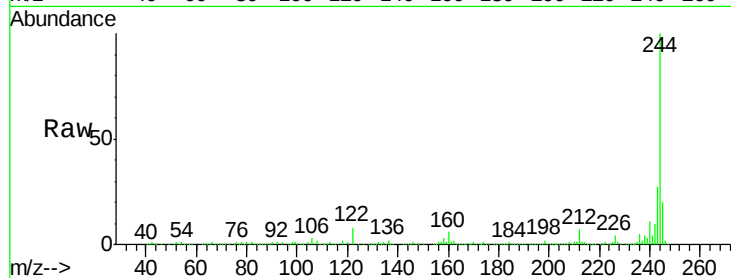
Tgt Ion:244 Resp: 1817654

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

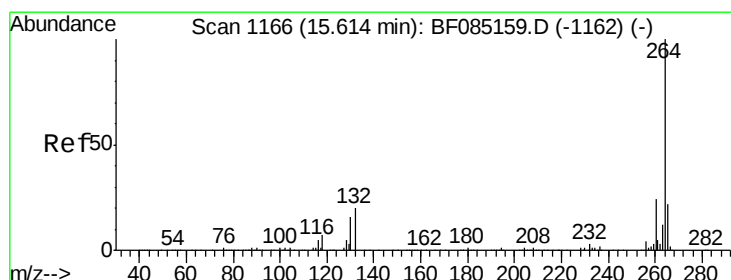
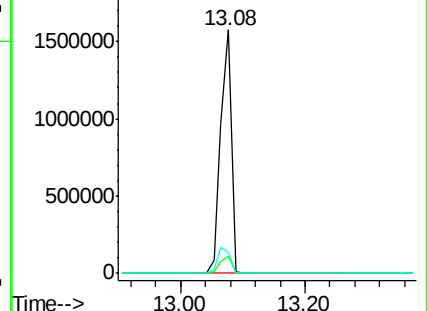
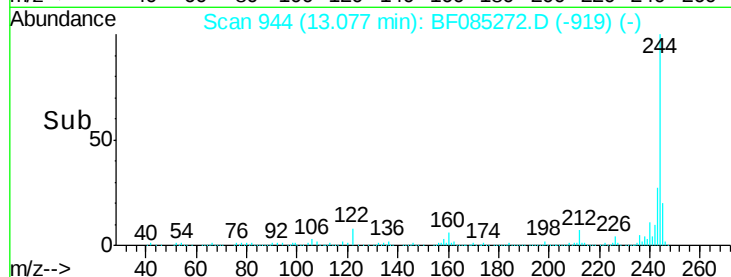
122 8.5 11.4 17.2#



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: BF085272.D

Acq: 8 Mar 2016 23:03

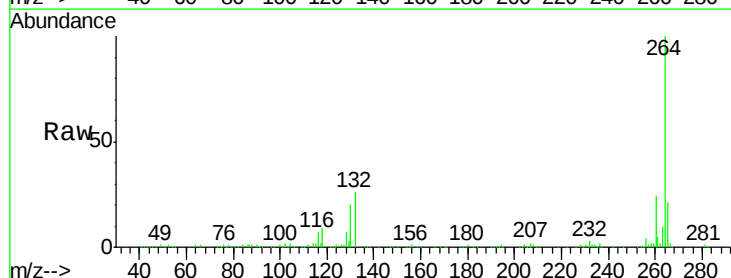
Tgt Ion:264 Resp: 275885

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.0 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

