

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084895.D
 Acq On : 6 Feb 2016 7:37
 Operator : SJ/IZ
 Sample : H1320-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(15-17)

Quant Time: Feb 07 23:57:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

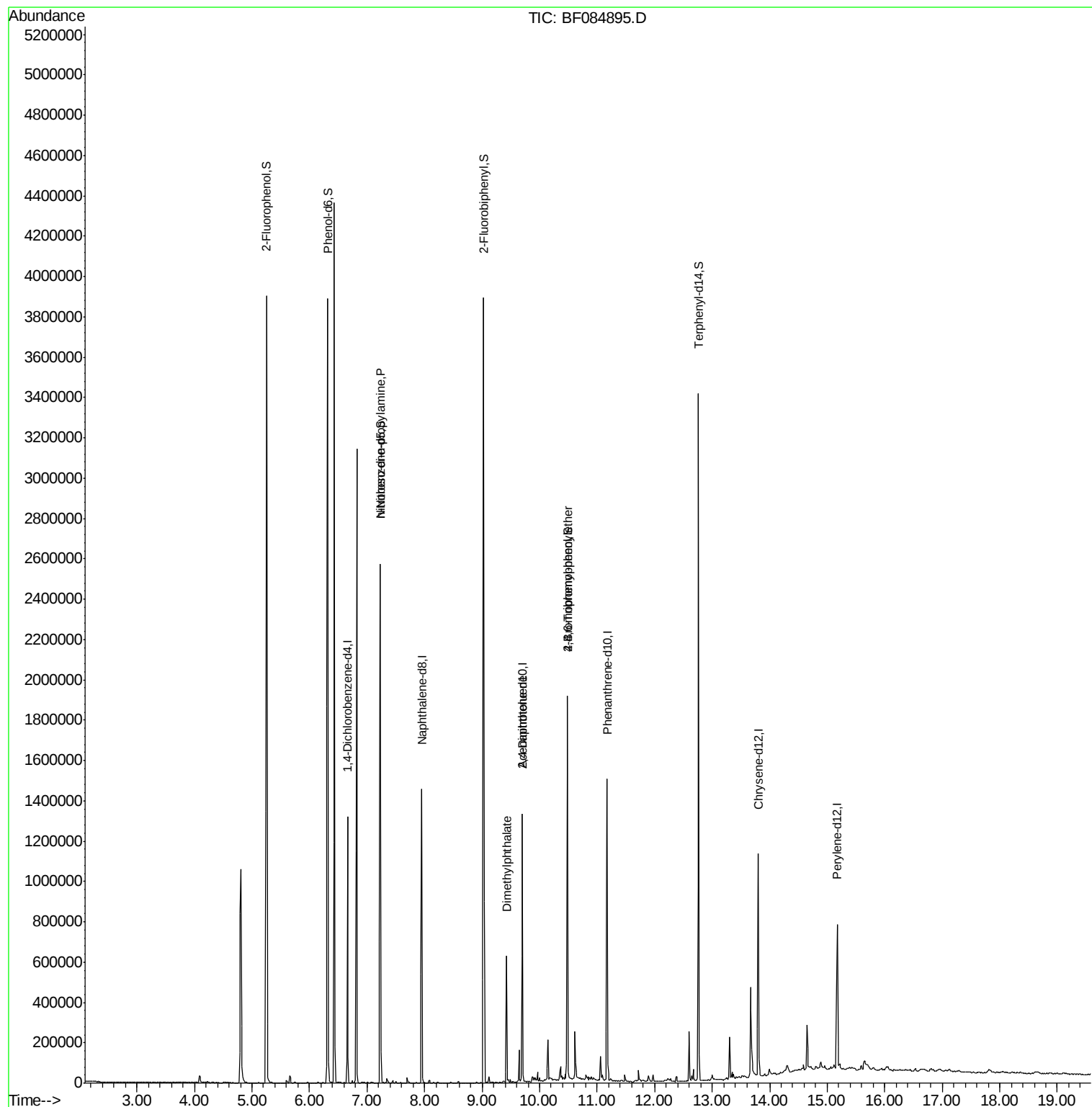
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176514	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	701389	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	288554	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	501801	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	353574	20.00	ng	-0.03
86) Perylene-d12	15.17	264	327279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1056832	93.26	ng	-0.02
7) Phenol-d6	6.32	99	1409299	100.31	ng	-0.02
23) Nitrobenzene-d5	7.23	82	798781	64.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	328759	109.23	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1207576	65.27	ng	-0.03
78) Terphenyl-d14	12.76	244	1019087	65.31	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	110310	12.53	ng	# 72
49) Dimethylphthalate	9.42	163	223231	10.16	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	37770	6.17	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	20467	3.69	ng	# 1

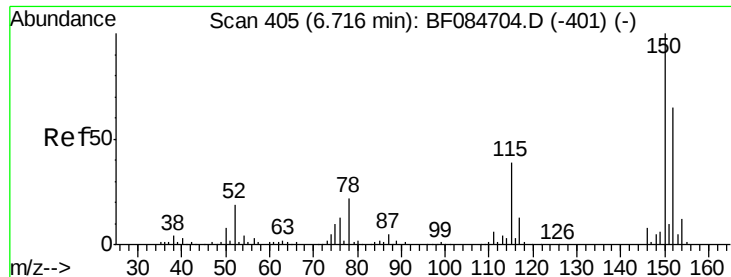
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

Instrument :

BNA_F

ClientSampleId :

S4-B015(15-17)

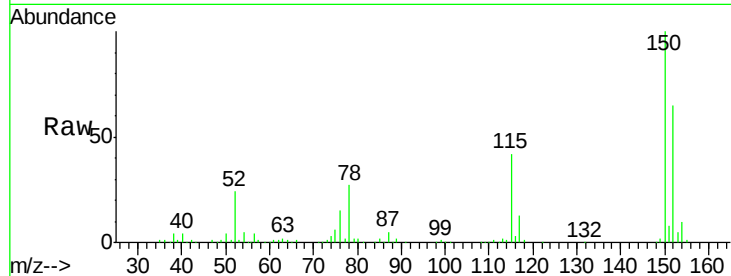
Tgt Ion:152 Resp: 176514

Ion Ratio Lower Upper

152 100

150 154.4 123.0 184.4

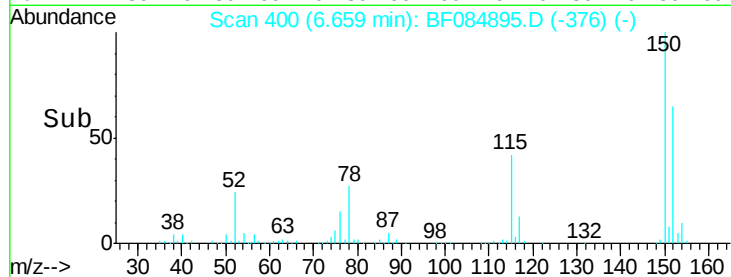
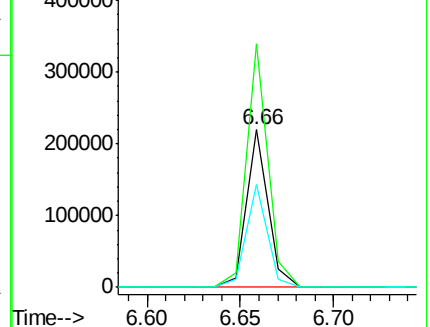
115 65.6 51.4 77.2



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: 93.26 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

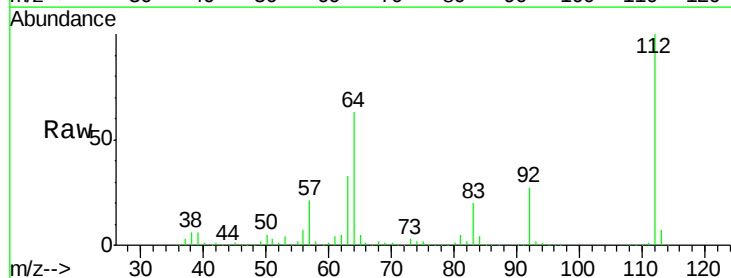
Tgt Ion:112 Resp: 1056832

Ion Ratio Lower Upper

112 100

64 63.2 36.6 55.0#

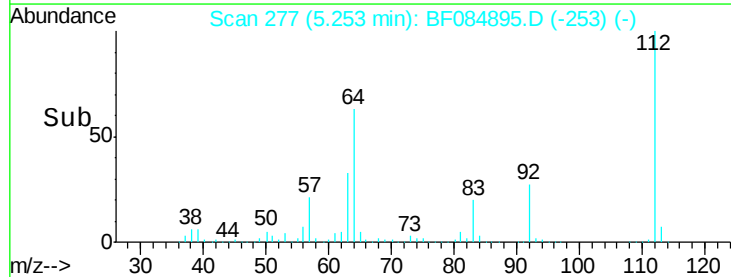
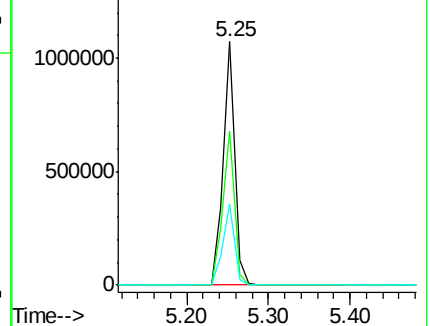
63 33.4 19.4 29.0#

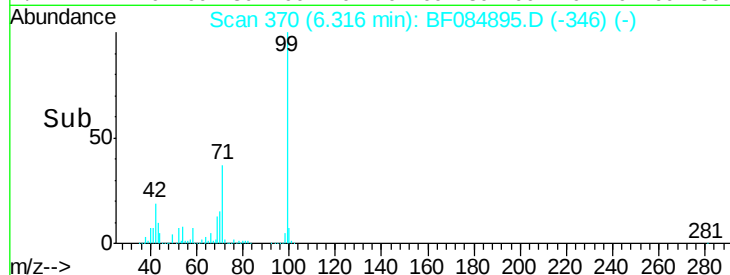
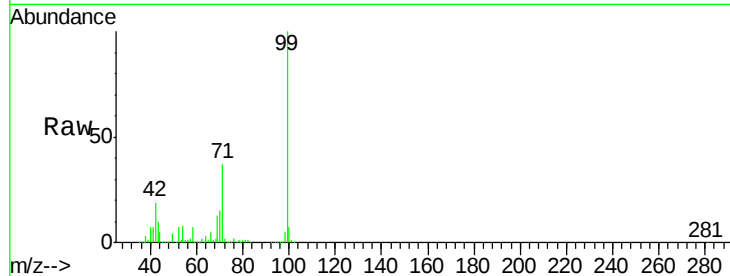


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.31 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

Instrument :

BNA_F

ClientSampleId :

S4-B015(15-17)

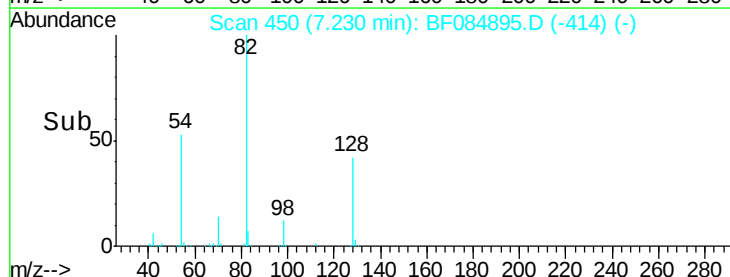
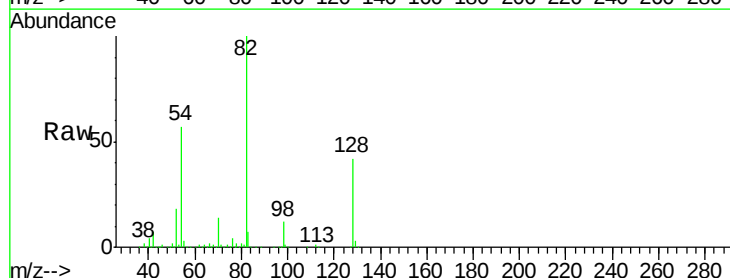
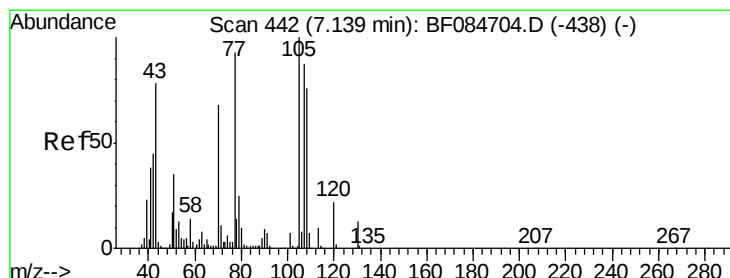
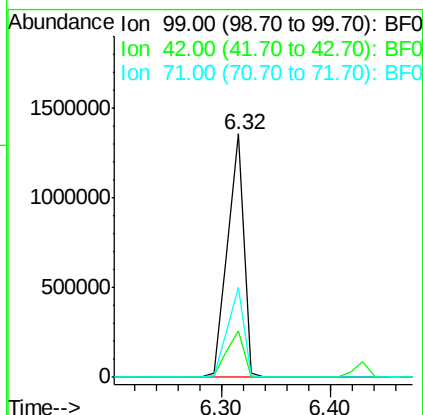
Tgt Ion: 99 Resp: 1409299

Ion Ratio Lower Upper

99 100

42 19.4 12.8 19.2#

71 36.8 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.53 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

Tgt Ion: 70 Resp: 110310

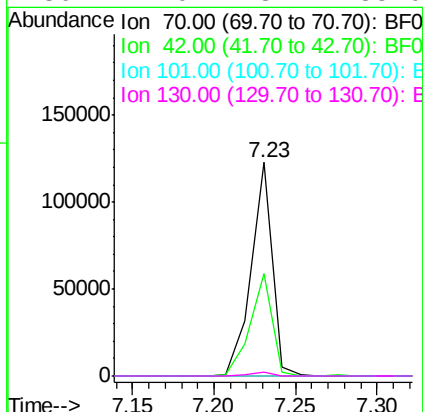
Ion Ratio Lower Upper

70 100

42 48.2 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

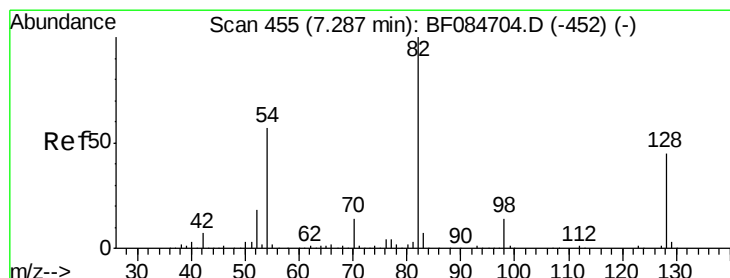
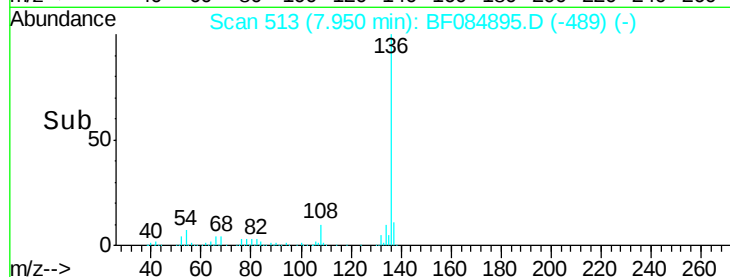
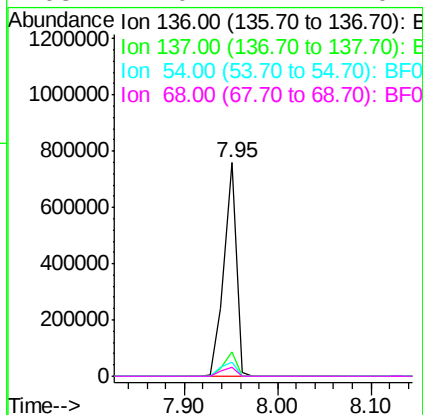
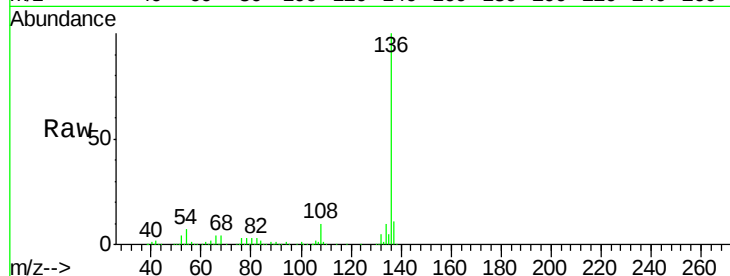




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084895.D
Acq: 6 Feb 2016 7:37

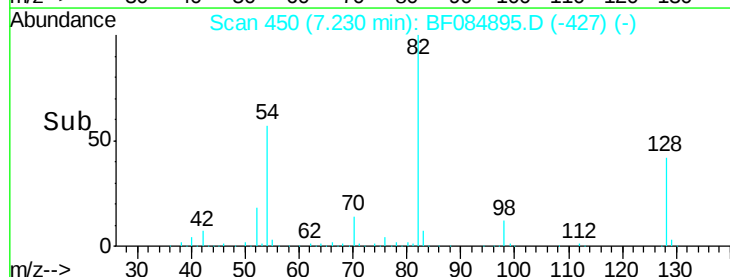
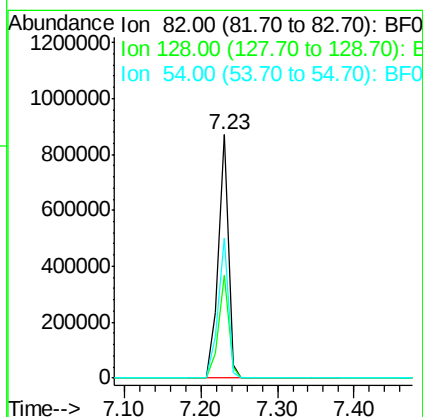
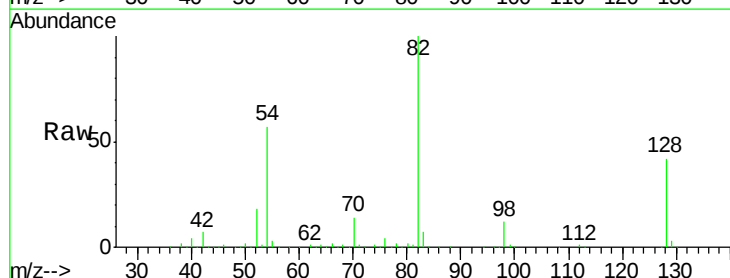
Instrument :
BNA_F
ClientSampleId :
S4-B015(15-17)

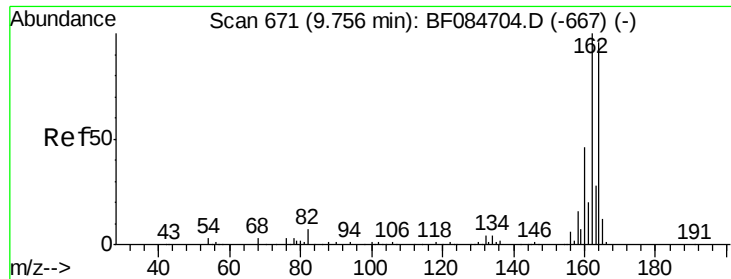
Tgt Ion:	136	Resp:	701389
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.7	5.8	8.8
68	4.0	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 64.15 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084895.D
Acq: 6 Feb 2016 7:37

Tgt Ion:	82	Resp:	798781
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	57.4	38.4	57.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

Instrument :

BNA_F

ClientSampleId :

S4-B015(15-17)

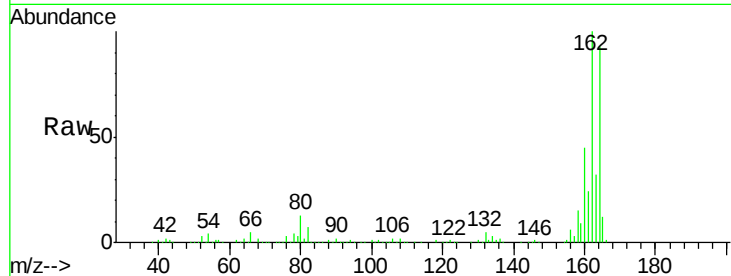
Tgt Ion:164 Resp: 288554

Ion Ratio Lower Upper

164 100

162 107.4 85.1 127.7

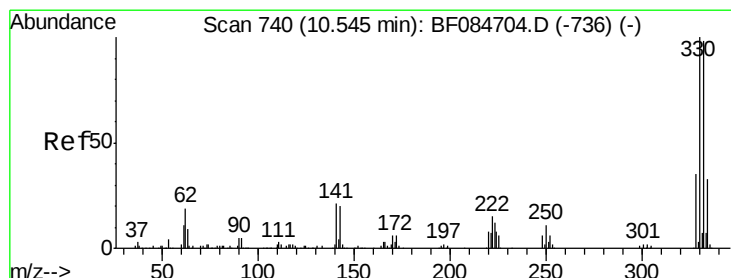
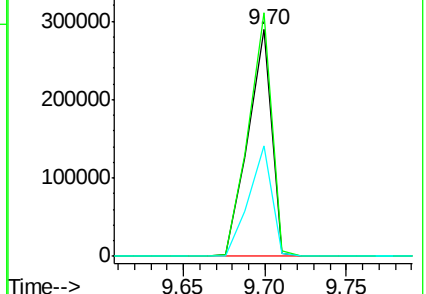
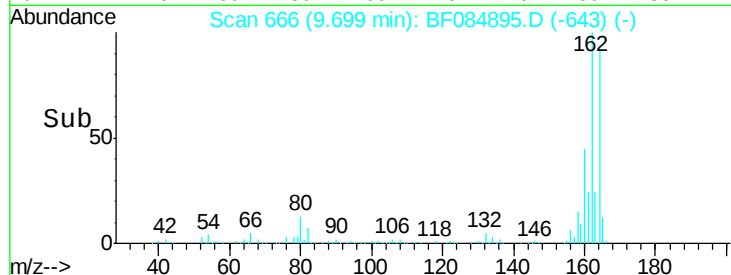
160 48.6 37.5 56.3



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: 109.23 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

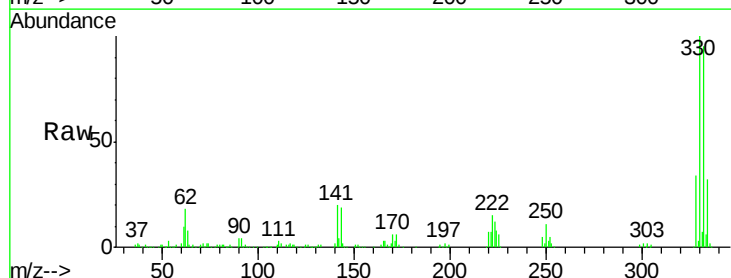
Tgt Ion:330 Resp: 328759

Ion Ratio Lower Upper

330 100

332 94.9 76.6 114.8

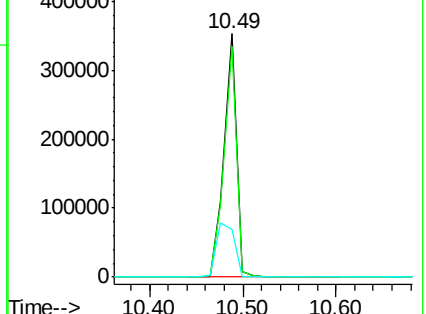
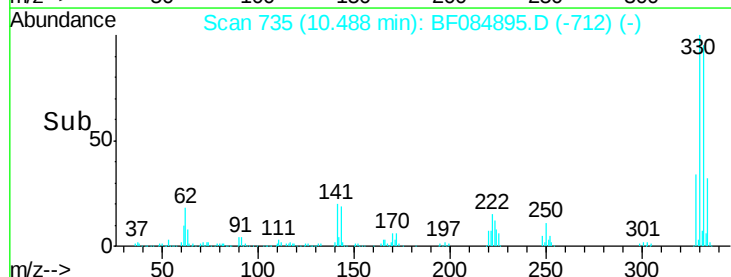
141 32.0 27.8 41.6

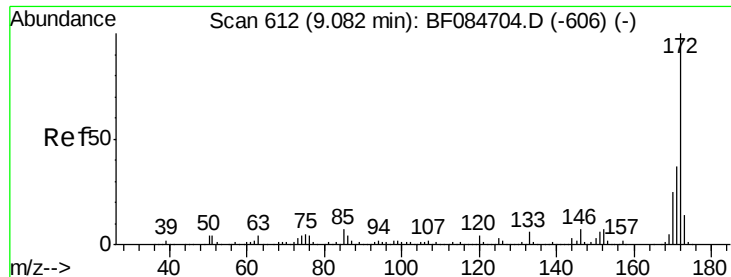


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 65.27 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

Instrument :

BNA_F

ClientSampleId :

S4-B015(15-17)

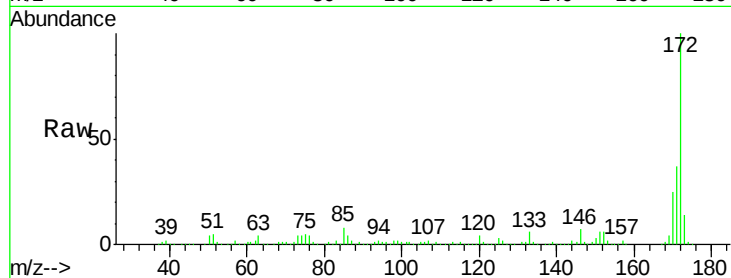
Tgt Ion:172 Resp: 1207576

Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

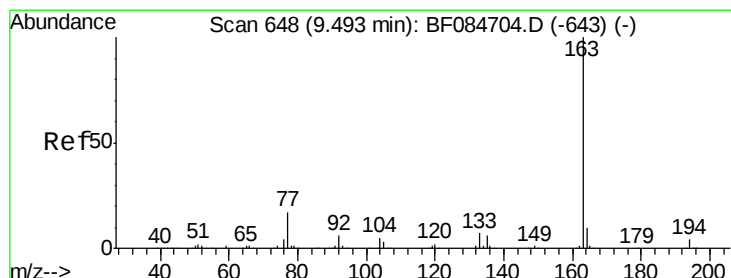
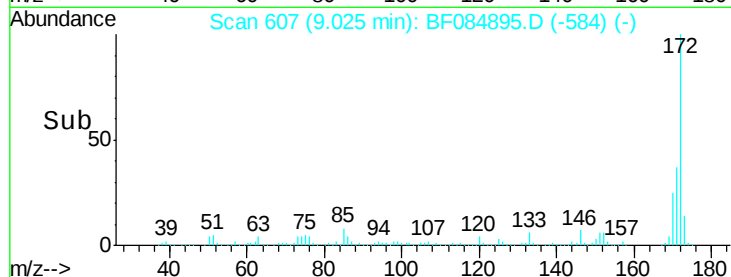
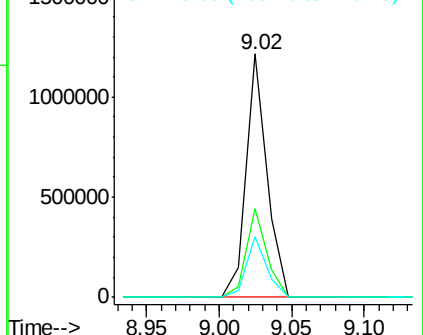
170 24.8 18.6 27.8



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: 10.16 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

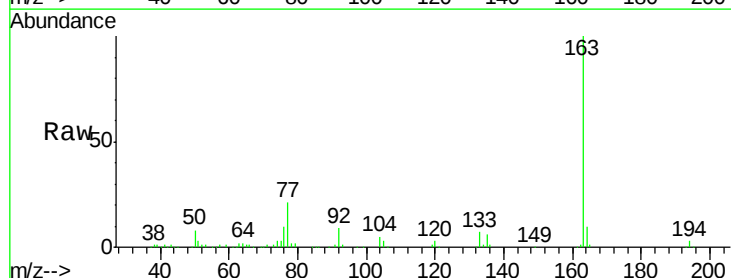
Tgt Ion:163 Resp: 223231

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

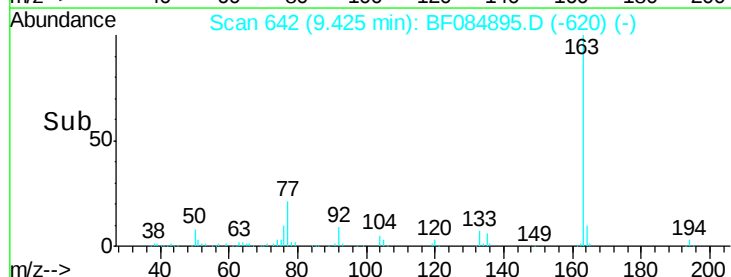
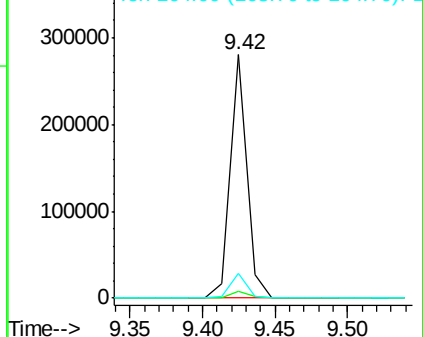
164 10.1 8.0 12.0

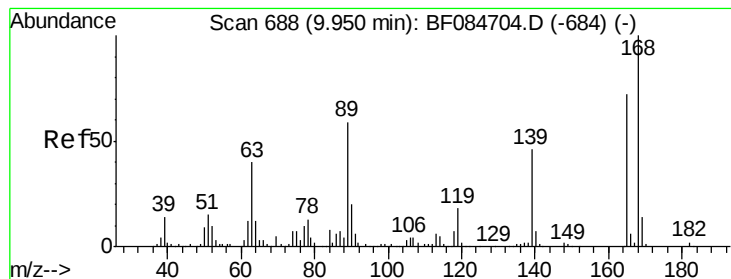


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

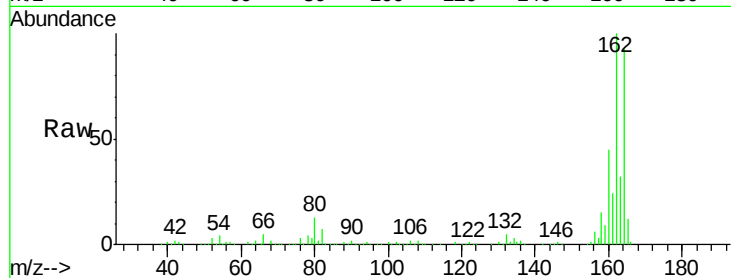




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084895.D
 Acq: 6 Feb 2016 7:37

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(15-17)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#

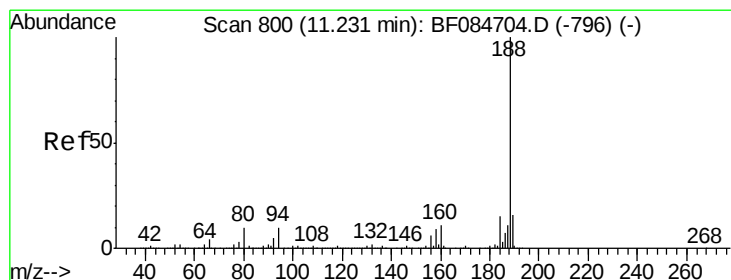
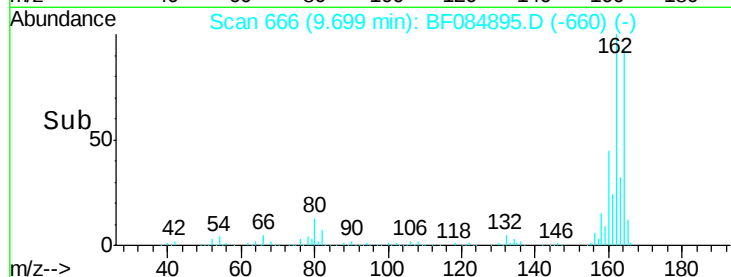
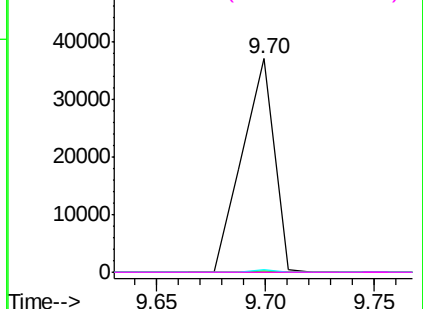


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

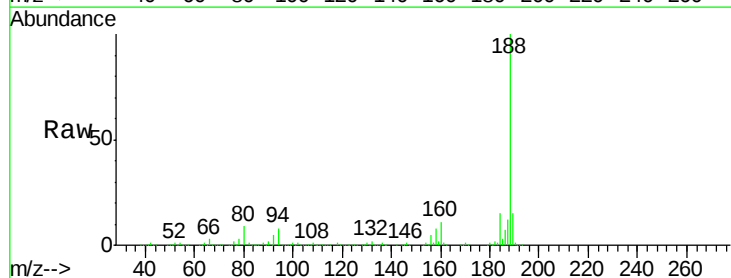
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084895.D
 Acq: 6 Feb 2016 7:37

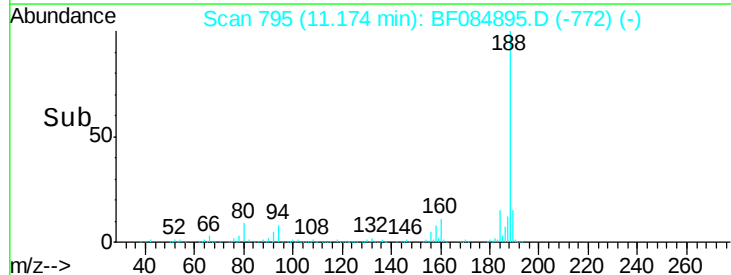
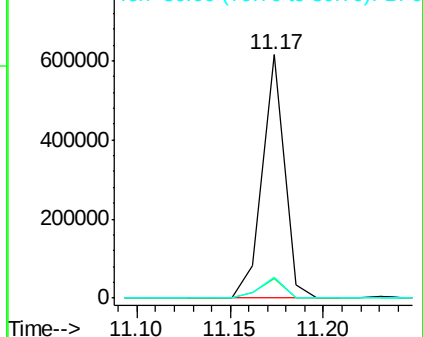
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.7	9.6	14.4#

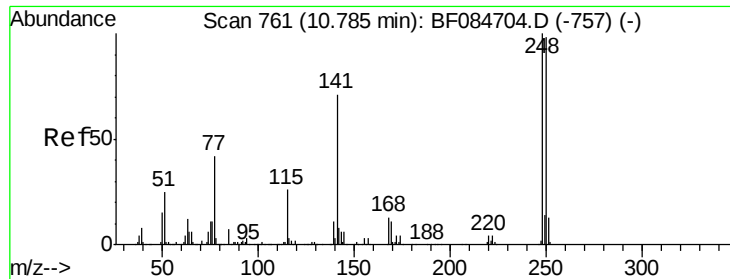


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

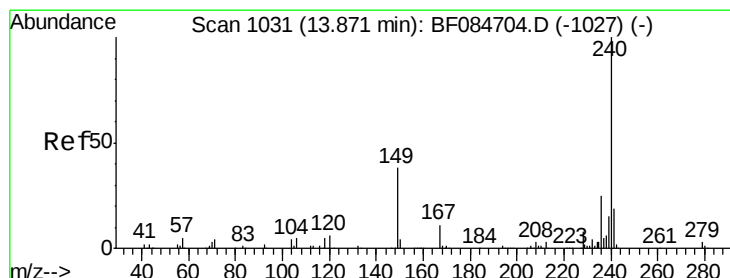
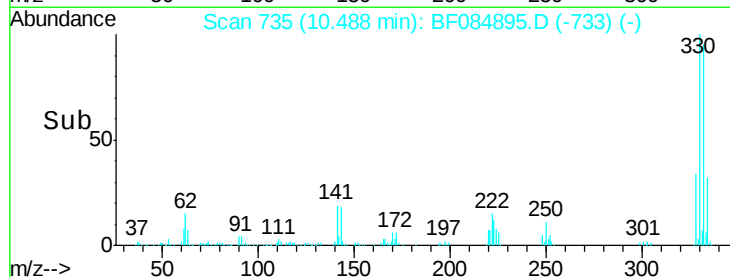
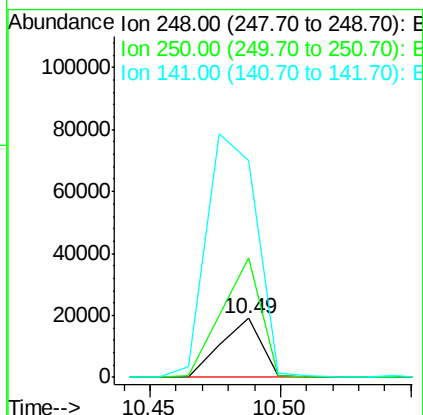
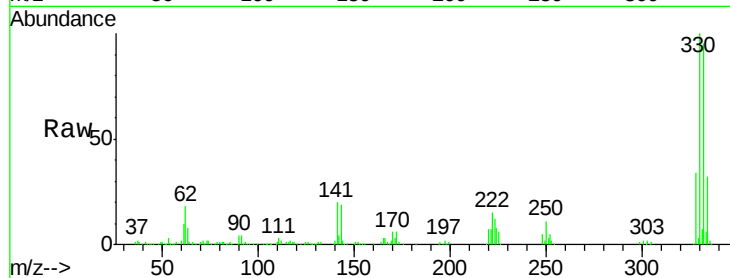




#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084895.D
Acq: 6 Feb 2016 7:37

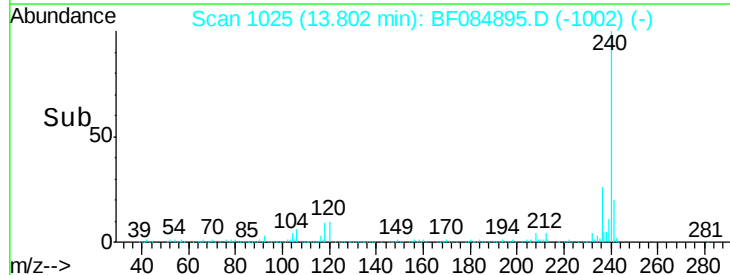
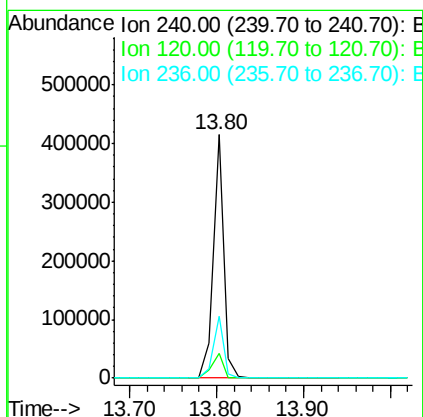
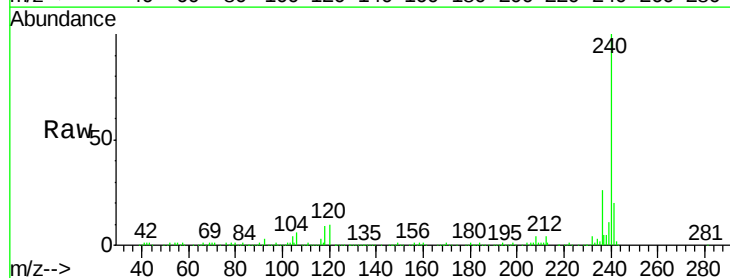
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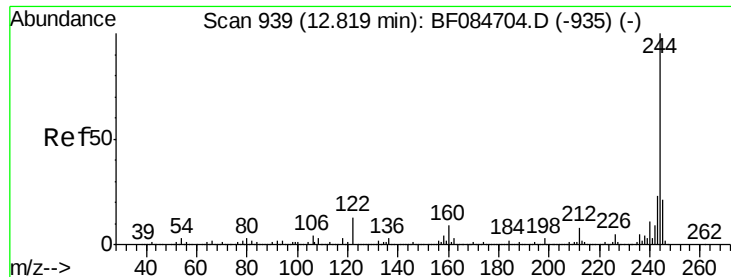
Tgt Ion:248 Resp: 20467
Ion Ratio Lower Upper
248 100
250 203.7 78.4 117.6#
141 368.7 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084895.D
Acq: 6 Feb 2016 7:37

Tgt Ion:240 Resp: 353574
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.6 20.6 31.0





#78

Terphenyl-d14

Concen: 65.31 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

Instrument :

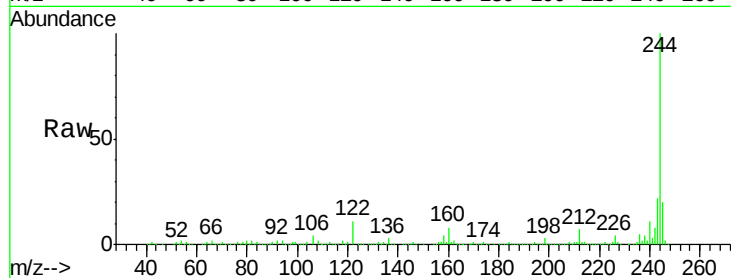
BNA_F

ClientSampleId :

S4-B015(15-17)

Tgt Ion:244 Resp: 1019087

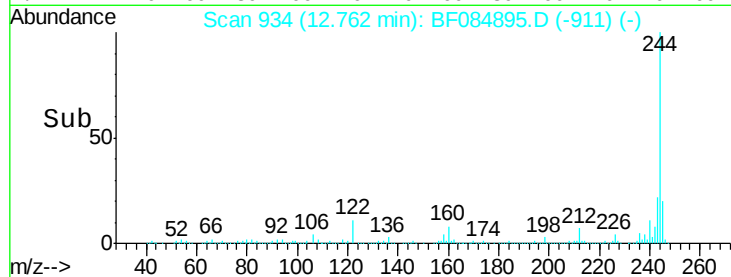
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	10.7	7.4	11.0



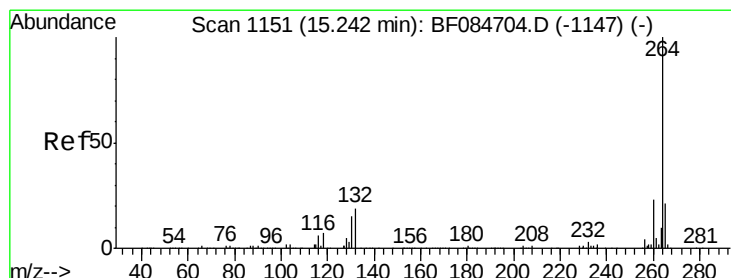
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1145

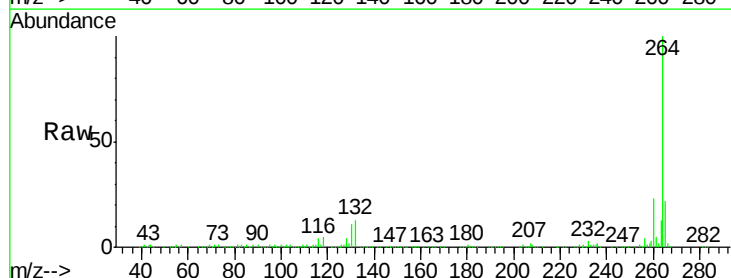
Delta R.T. -0.03 min

Lab File: BF084895.D

Acq: 6 Feb 2016 7:37

Tgt Ion:264 Resp: 327279

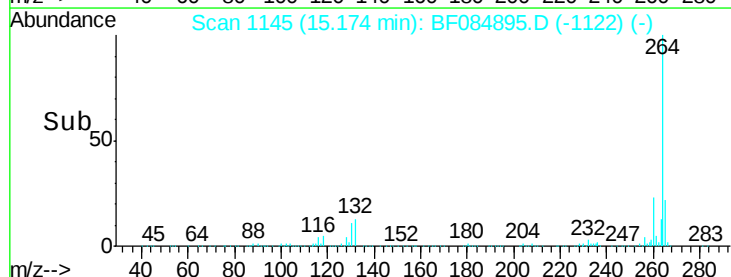
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.7	17.8	26.6



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



Time-->