

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091972.D
 Acq On : 27 Dec 2016 17:19
 Operator : UM/SJ
 Sample : H6241-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Dec 28 00:47:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

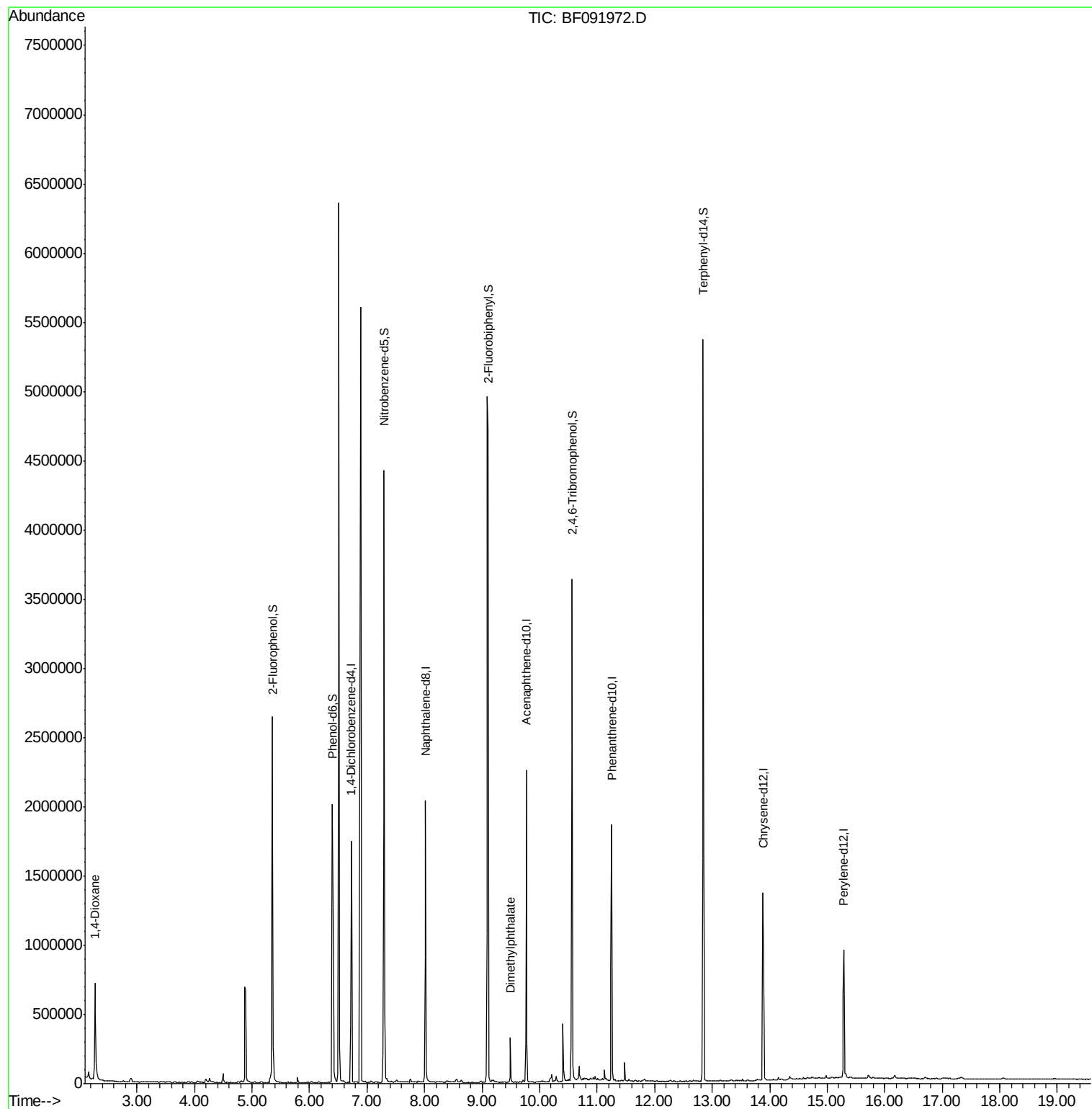
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	261292	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1080518	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	459525	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	760054	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	566019	20.00	ng	-0.02
86) Perylene-d12	15.29	264	453646	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1154039	73.75	ng	0.01
7) Phenol-d6	6.40	99	935451	48.96	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1721334	88.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	533129	140.19	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2532060	117.89	ng	-0.01
78) Terphenyl-d14	12.84	244	1955441	83.79	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.27	88	382233	49.61	ng	97
49) Dimethylphthalate	9.49	163	122486	4.17	ng	100

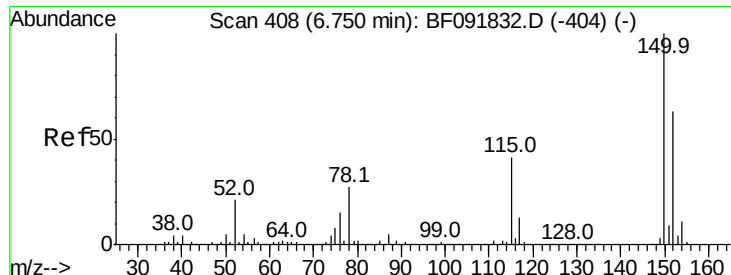
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091972.D

Acq: 27 Dec 2016 17:19

Instrument :

BNA_F

ClientSampleId :

MW-2

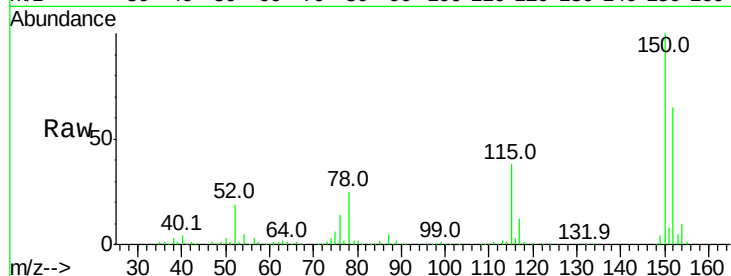
Tot Ion:152 Resp: 261292

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

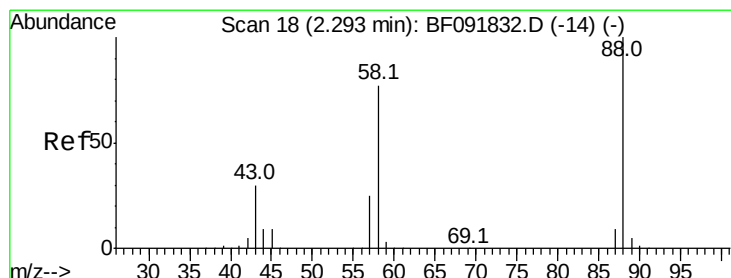
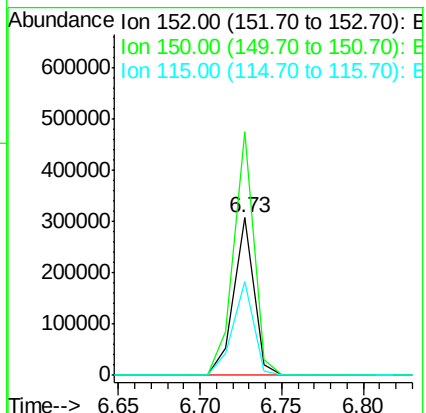
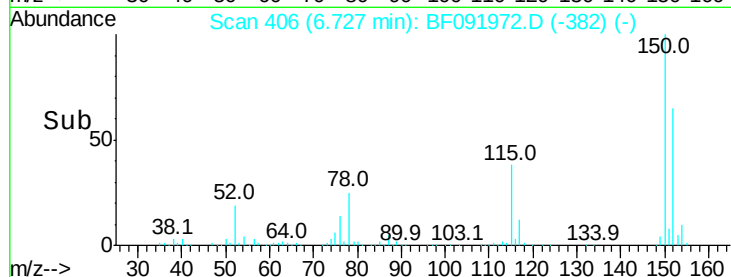
115 59.2 46.0 69.0



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



#2

1,4-Dioxane

Concen: 49.61 ng

RT: 2.27 min Scan# 16

Delta R.T. -0.02 min

Lab File: BF091972.D

Acq: 27 Dec 2016 17:19

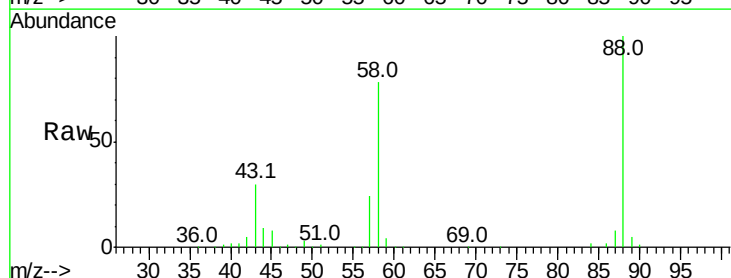
Tgt Ion: 88 Resp: 382233

Ion Ratio Lower Upper

88 100

58 74.1 57.8 86.8

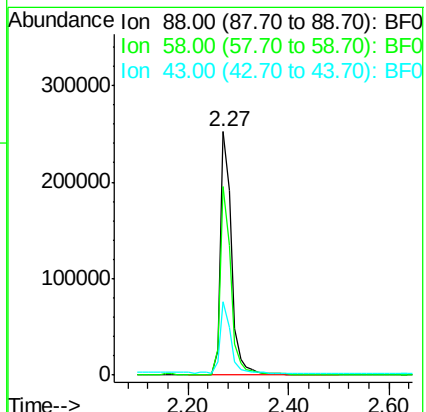
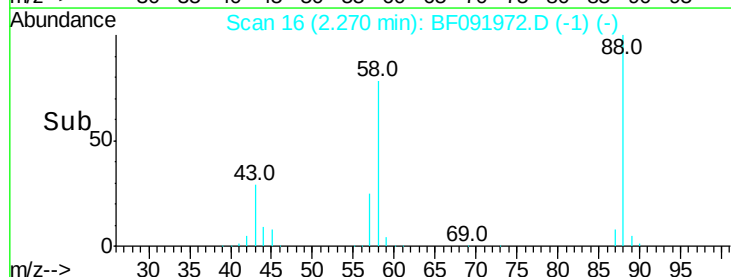
43 29.8 22.3 33.5

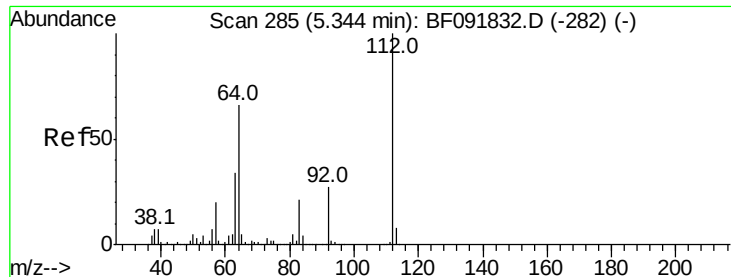


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 73.75 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091972.D

Acq: 27 Dec 2016 17:19

Instrument :

BNA_F

ClientSampleId :

MW-2

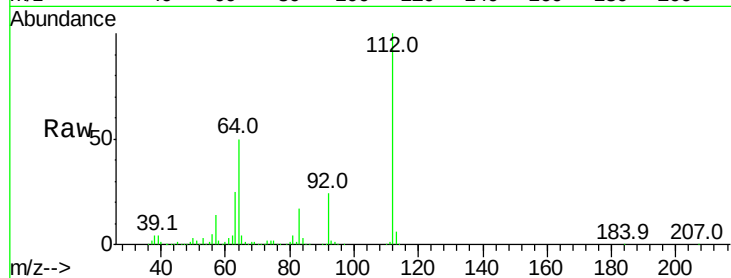
Tot Ion:112 Resp: 1154039

Ion Ratio Lower Upper

112 100

64 50.4 46.1 69.1

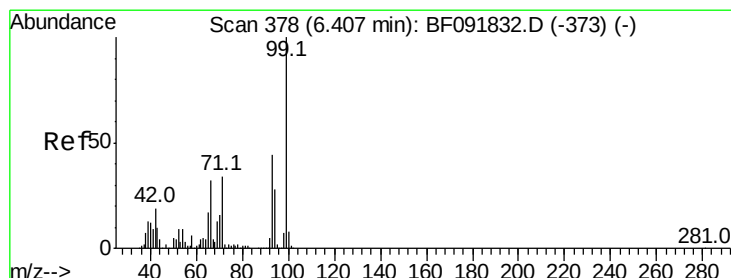
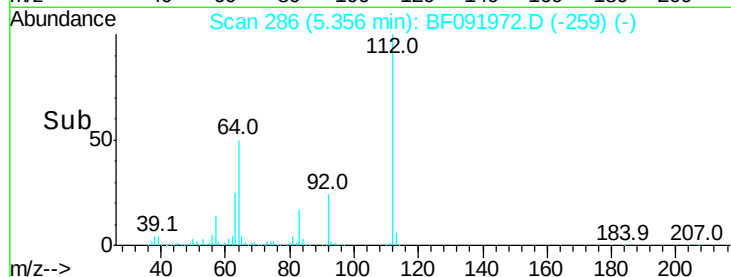
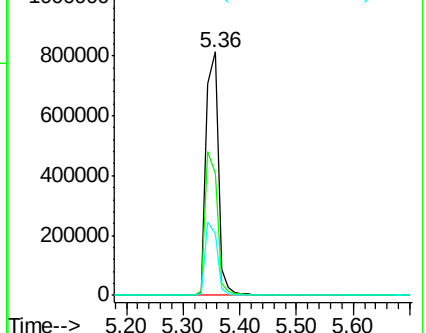
63 25.3 23.8 35.6



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: 48.96 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091972.D

Acq: 27 Dec 2016 17:19

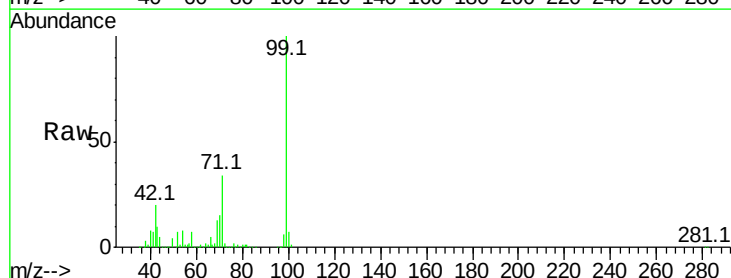
Tgt Ion: 99 Resp: 935451

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

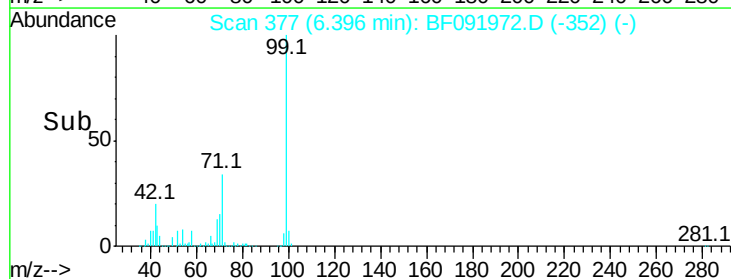
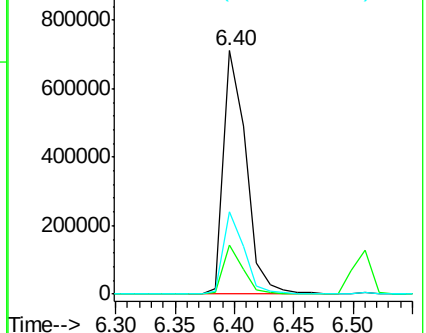
71 34.0 27.5 41.3

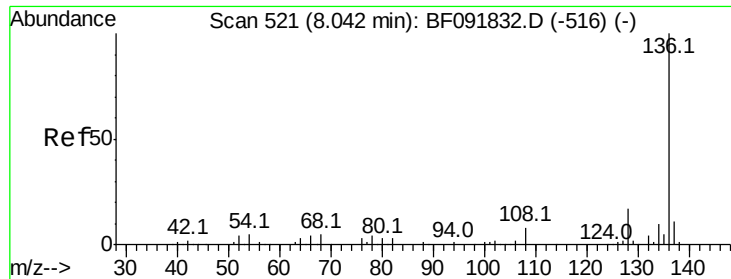


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

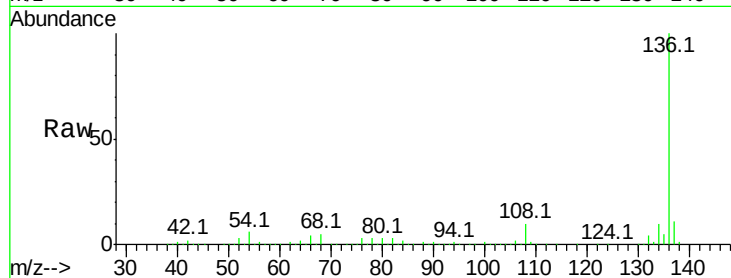




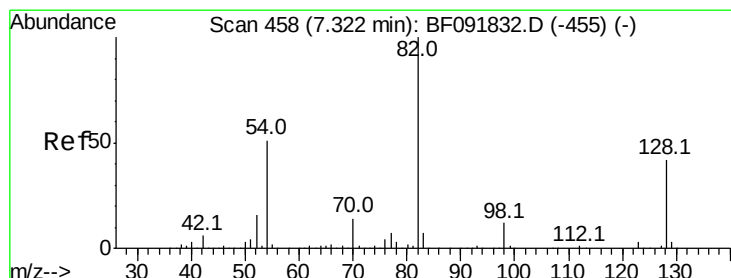
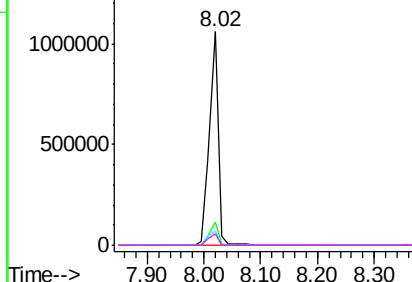
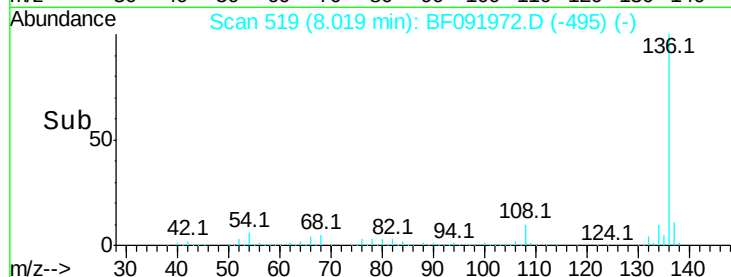
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091972.D
Acq: 27 Dec 2016 17:19

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:136 Resp: 1080518
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.3 4.5 6.7
68 5.2 3.6 5.4

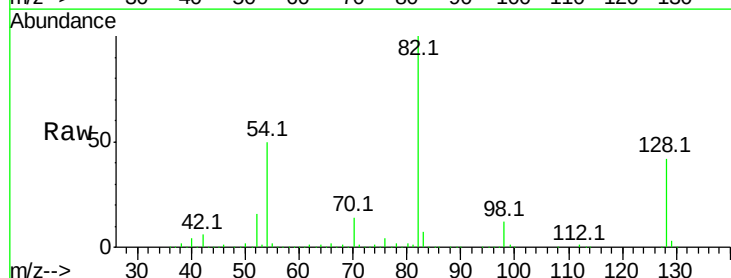


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

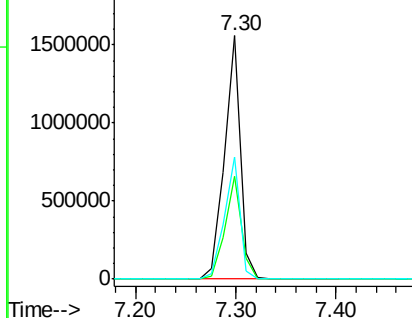
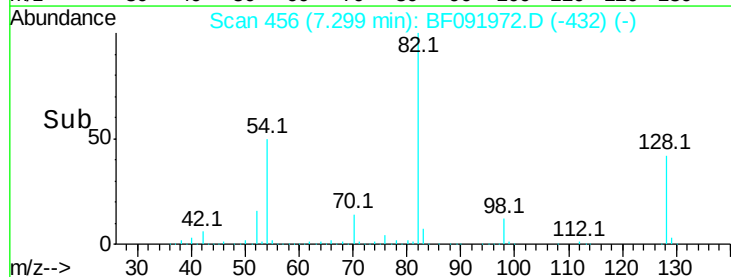


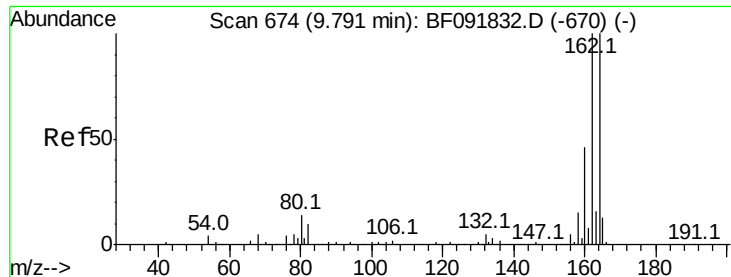
#23
Nitrobenzene-d5
Concen: 88.58 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091972.D
Acq: 27 Dec 2016 17:19

Tgt Ion: 82 Resp: 1721334
Ion Ratio Lower Upper
82 100
128 42.1 34.6 52.0
54 50.1 39.5 59.3



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

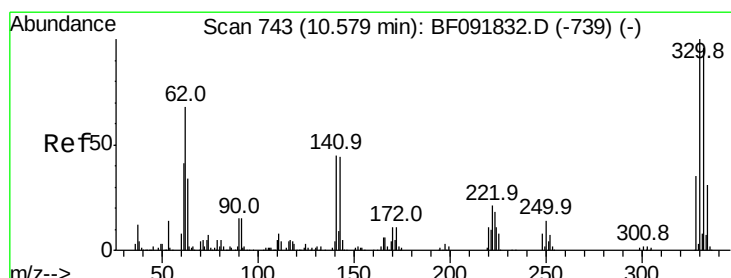
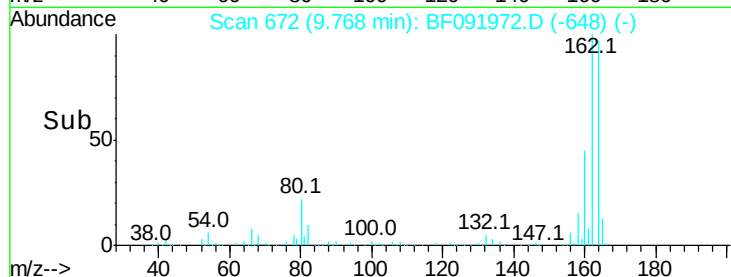
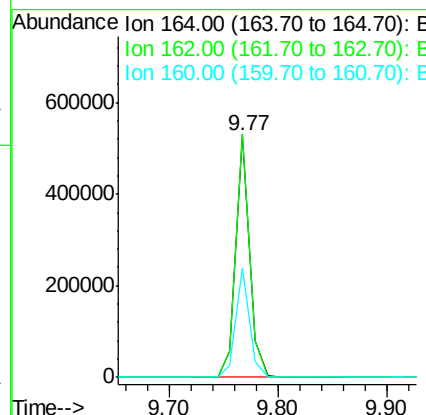
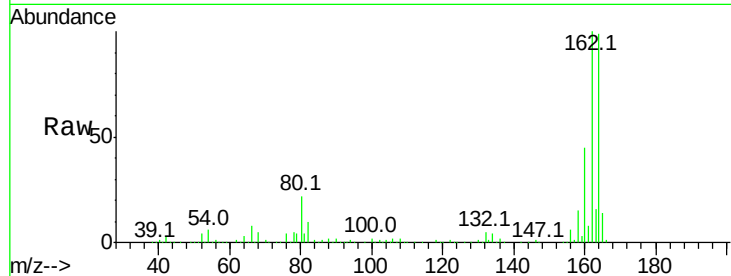




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF091972.D
 Acq: 27 Dec 2016 17:19

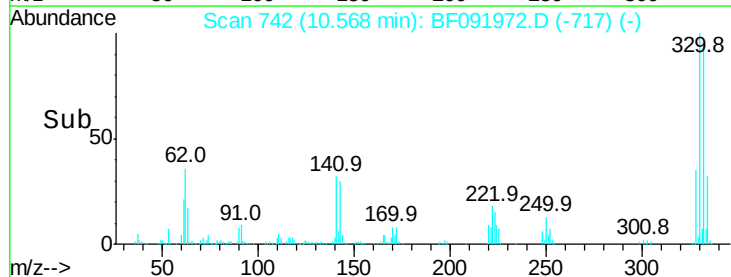
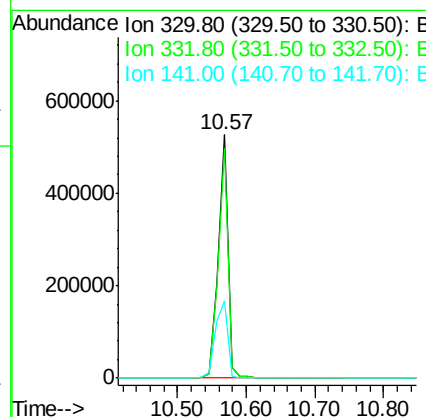
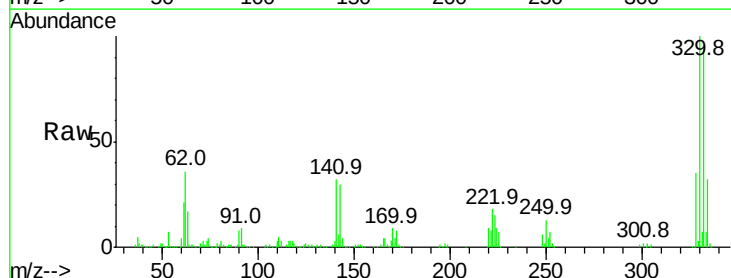
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

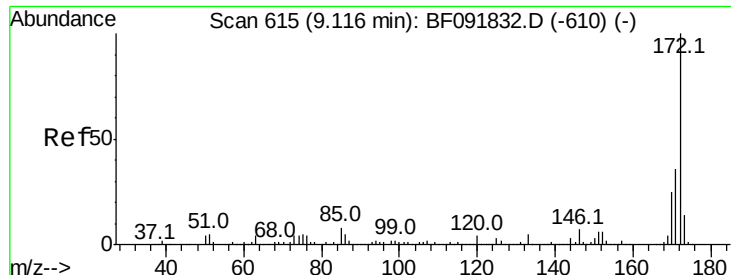
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	44.9	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 140.19 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091972.D
 Acq: 27 Dec 2016 17:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	40.1	34.1	51.1



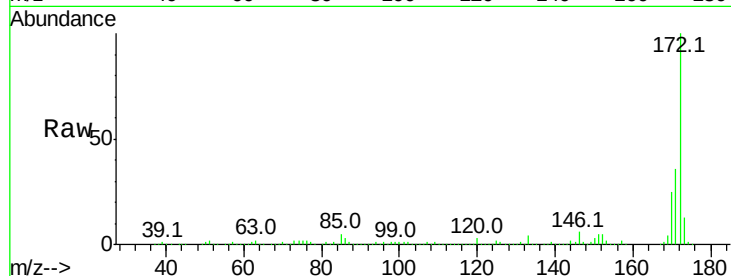


#44
2-Fluorobiphenyl
Concen: 117.89 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091972.D
Acq: 27 Dec 2016 17:19

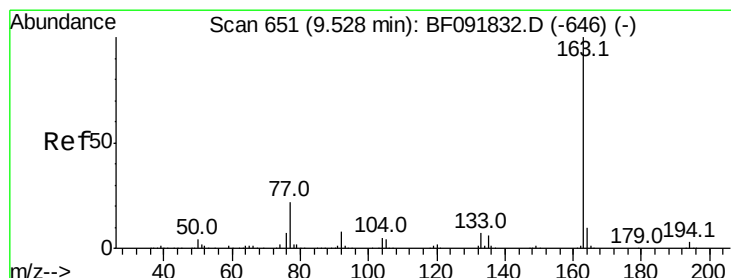
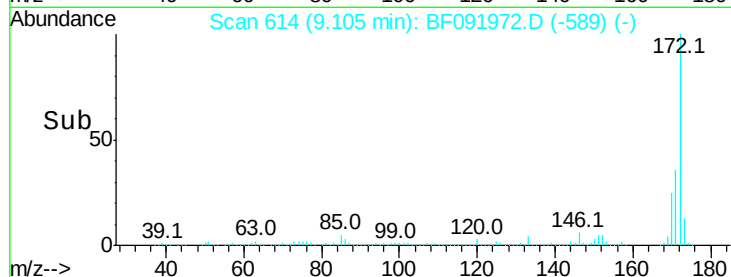
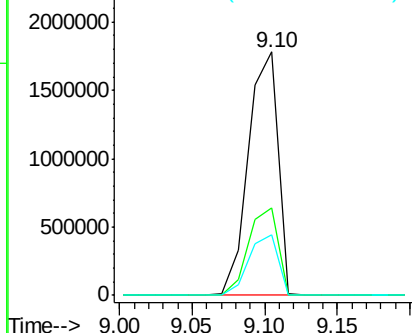
Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:172 Resp: 2532060

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.7	20.2	30.4



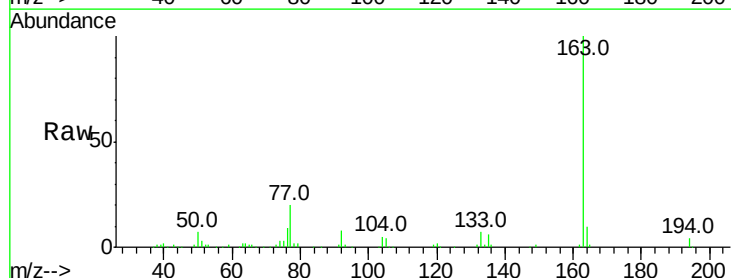
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



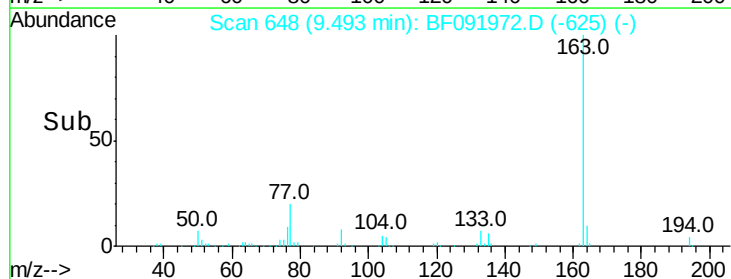
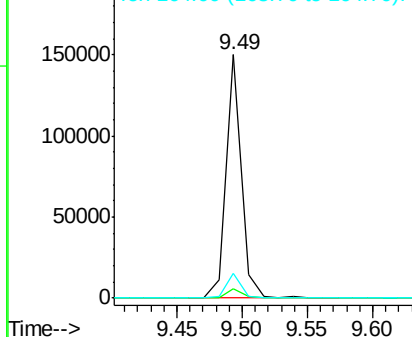
#49
Dimethylphthalate
Concen: 4.17 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF091972.D
Acq: 27 Dec 2016 17:19

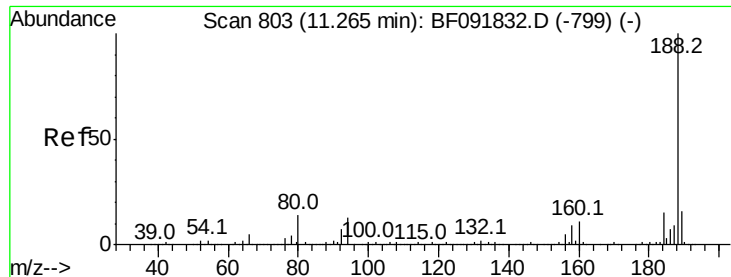
Tgt Ion:163 Resp: 122486

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	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

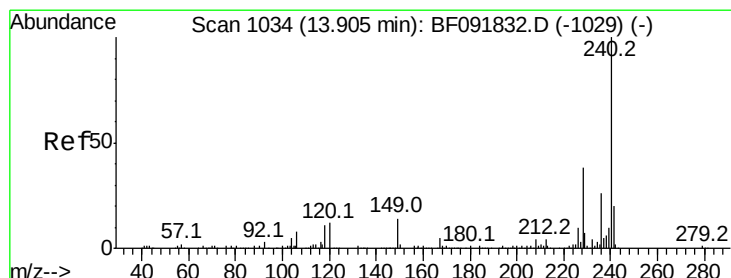
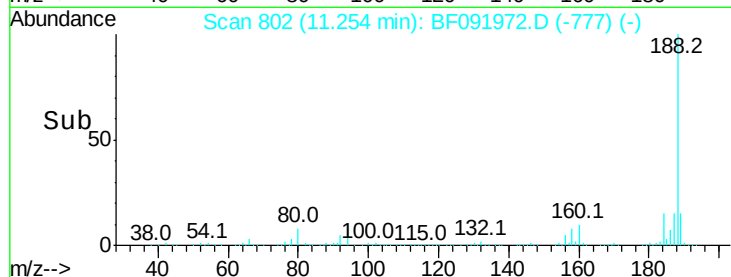
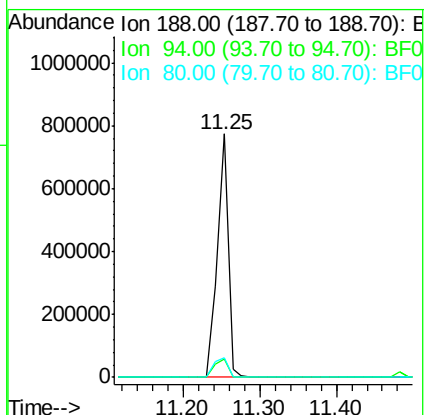
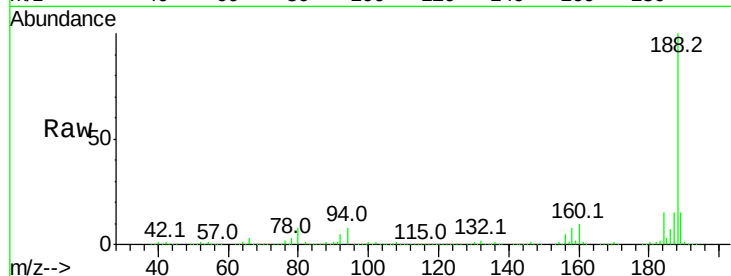




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091972.D
 Acq: 27 Dec 2016 17:19

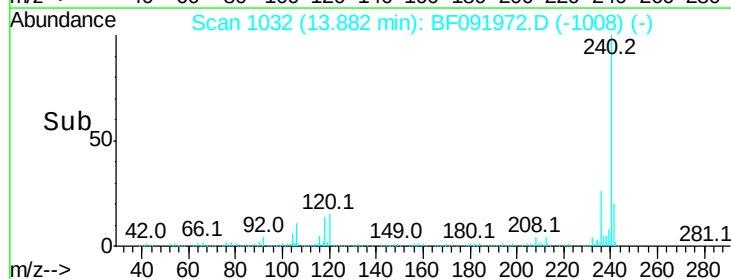
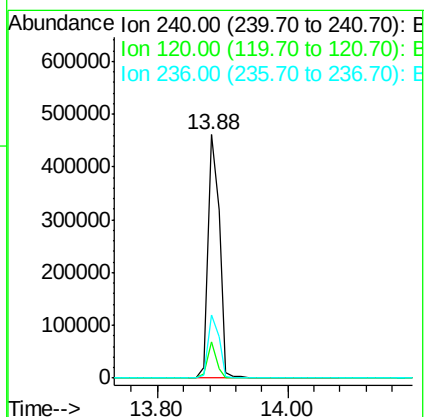
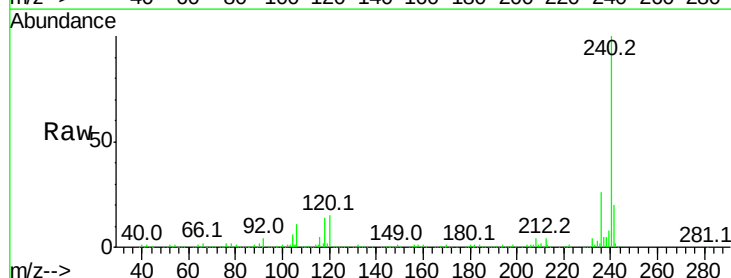
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

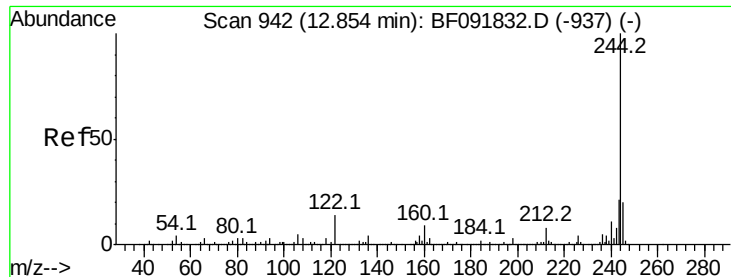
Tot Ion:188 Resp: 760054
 Ion Ratio Lower Upper
 188 100
 94 7.6 10.0 15.0#
 80 8.2 11.2 16.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF091972.D
 Acq: 27 Dec 2016 17:19

Tgt Ion:240 Resp: 566019
 Ion Ratio Lower Upper
 240 100
 120 15.0 12.9 19.3
 236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 83.79 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091972.D

Acq: 27 Dec 2016 17:19

Instrument :

BNA_F

ClientSampleId :

MW-2

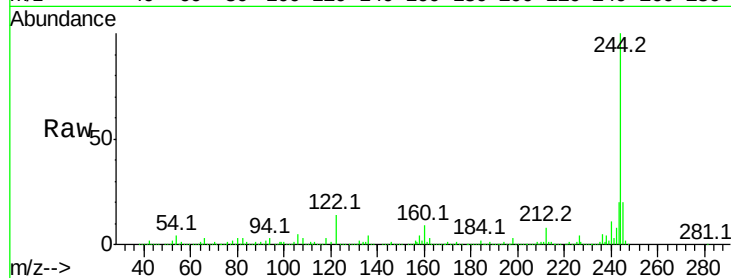
Tot Ion:244 Resp: 1955441

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

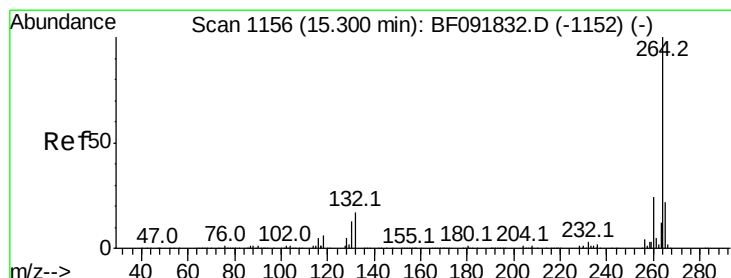
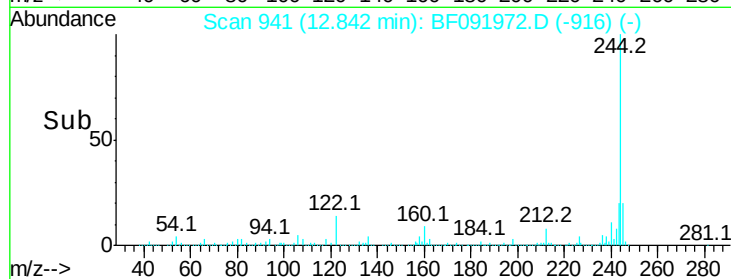
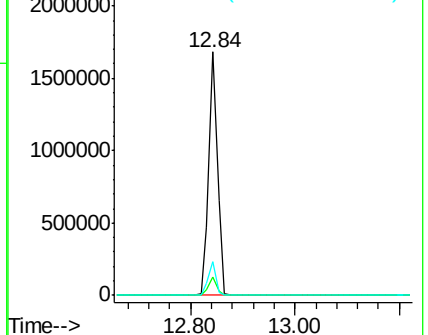
122 14.0 11.4 17.2



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091972.D

Acq: 27 Dec 2016 17:19

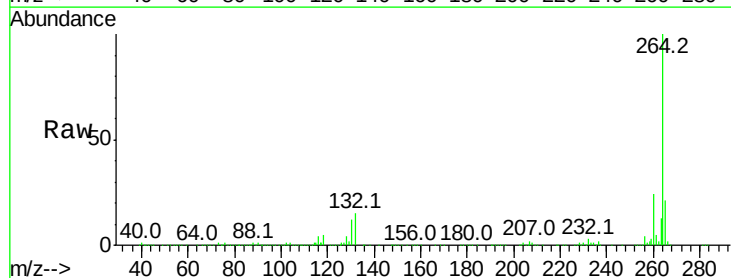
Tgt Ion:264 Resp: 453646

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 17.4 26.0



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

