

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092130.D
 Acq On : 6 Jan 2017 21:22
 Operator : UM/SJ
 Sample : I1045-04 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP2

Quant Time: Jan 06 22:16:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

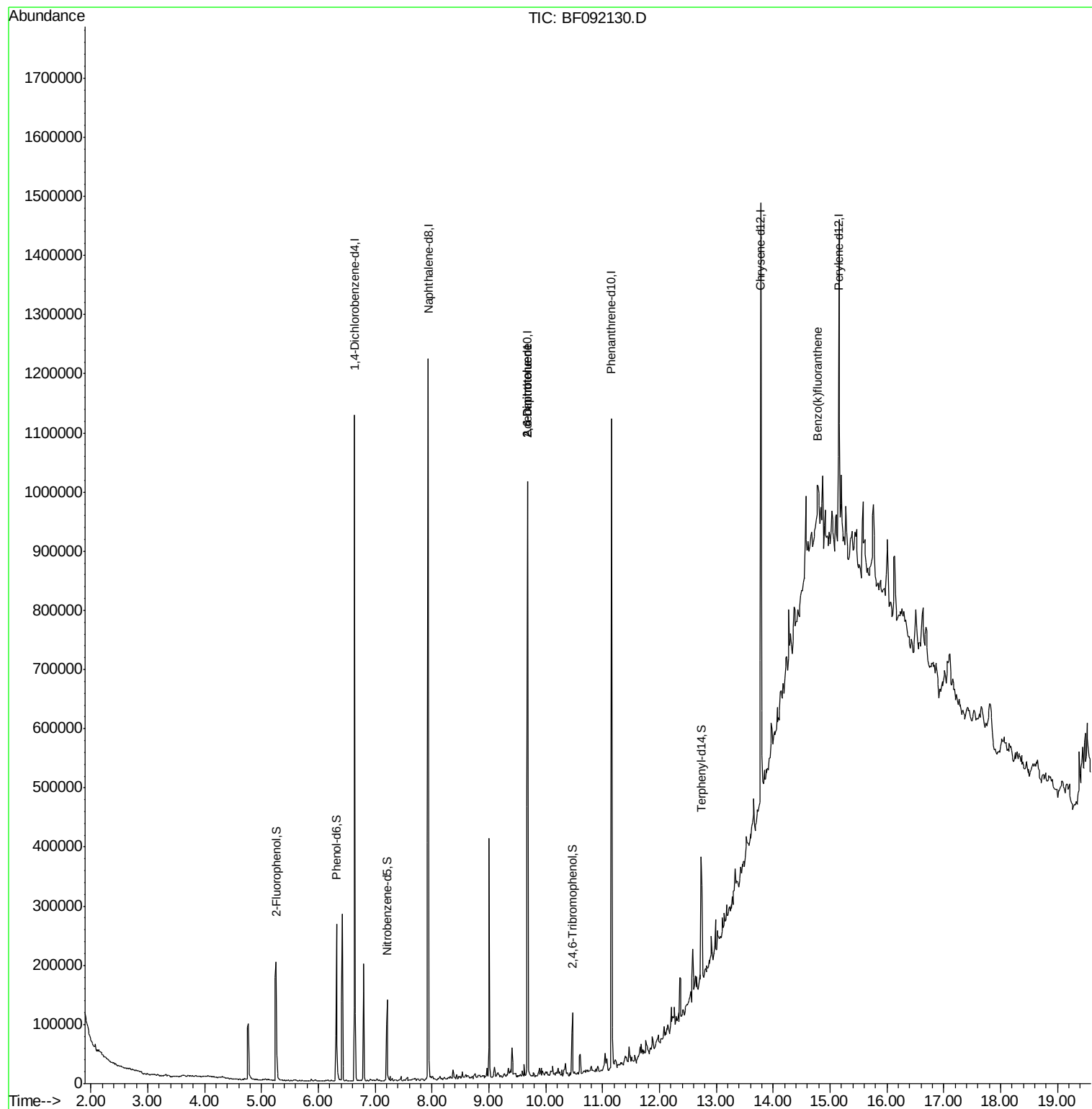
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	159026	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	578393	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	242236	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	370338	20.00	ng	0.00
75) Chrysene-d12	13.79	240	338099	20.00	ng	0.00
86) Perylene-d12	15.16	264	248834	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	90732	9.53	ng	0.02
7) Phenol-d6	6.32	99	104619	9.00	ng	0.01
23) Nitrobenzene-d5	7.21	82	60429	5.81	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	15471	7.72	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	115981	-3.64	ng	0.00
78) Terphenyl-d14	12.73	244	82198	5.90	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.64	142	1174	Below Cal		Qvalue 85
50) 2,6-Dinitrotoluene	9.68	165	30488	8.99 ng	#	30
56) 2,4-Dinitrotoluene	9.68	165	30488	7.16 ng	#	19
73) Di-n-butylphthalate	11.73	149	2860	Below Cal	#	76
74) Fluoranthene	12.37	202	42082	Below Cal		93
76) Benzidine	12.47	184	1075	Below Cal	#	1
88) Benzo(k)fluoranthene	14.78	252	29773	2.25 ng	#	30

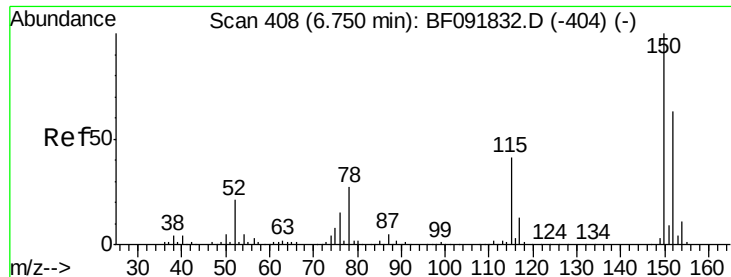
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 06 22:16:53 2017
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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

Instrument :

BNA_F

ClientSampleId :

RAP-SP2

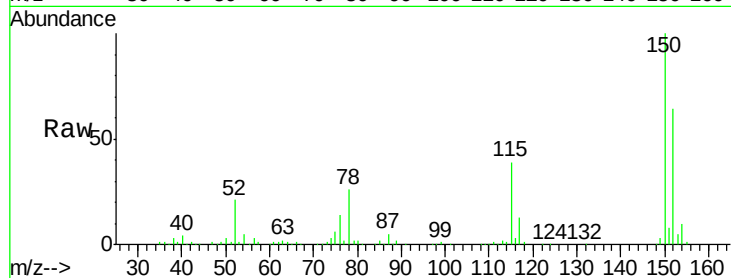
Tgt Ion:152 Resp: 159026

Ion Ratio Lower Upper

152 100

150 155.3 124.9 187.3

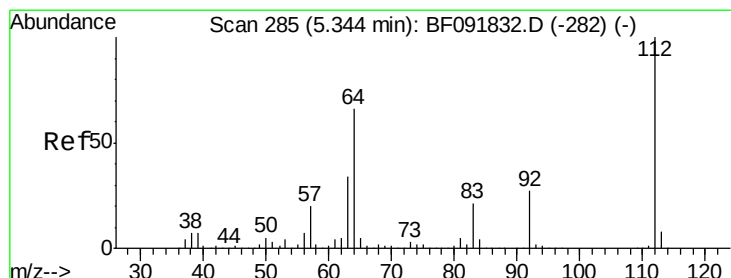
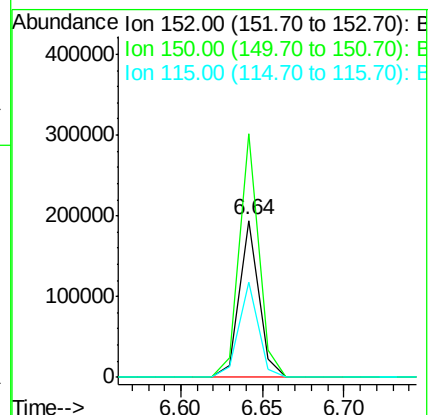
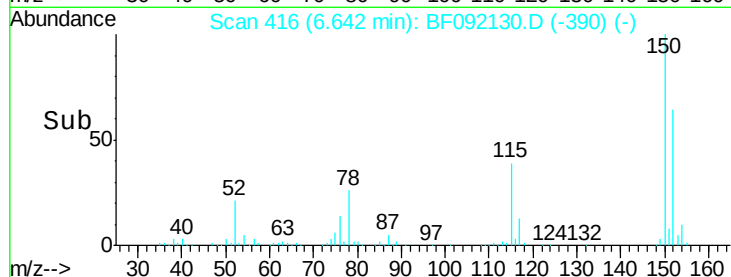
115 60.6 46.0 69.0



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



#5

2-Fluorophenol

Concen: 9.53 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

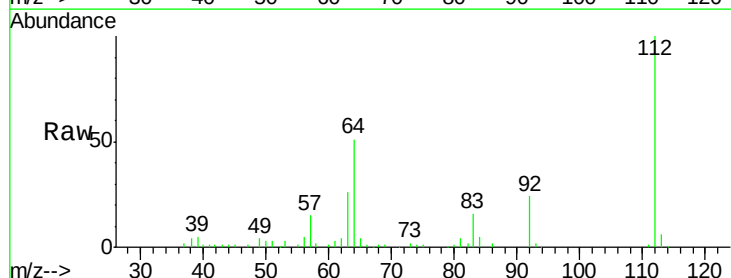
Tgt Ion:112 Resp: 90732

Ion Ratio Lower Upper

112 100

64 51.0 46.1 69.1

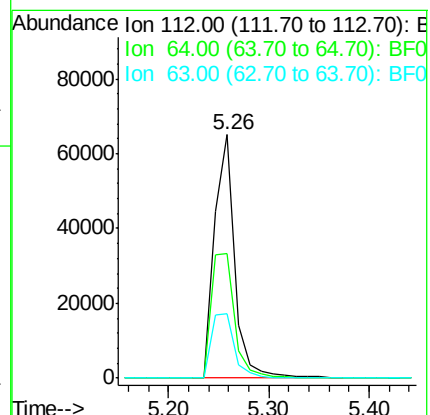
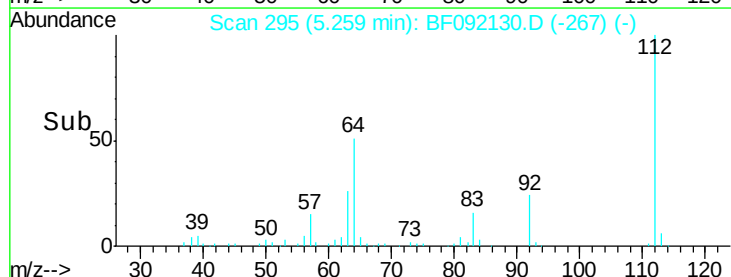
63 26.4 23.8 35.6

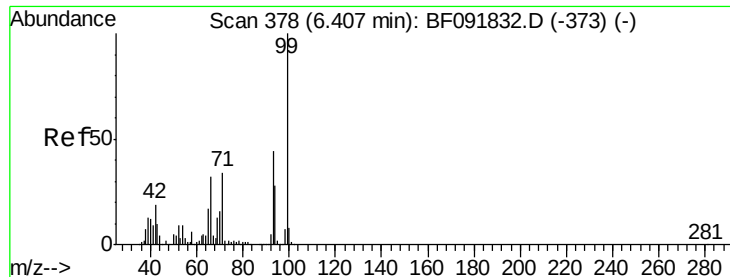


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.00 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

Instrument :

BNA_F

ClientSampleId :

RAP-SP2

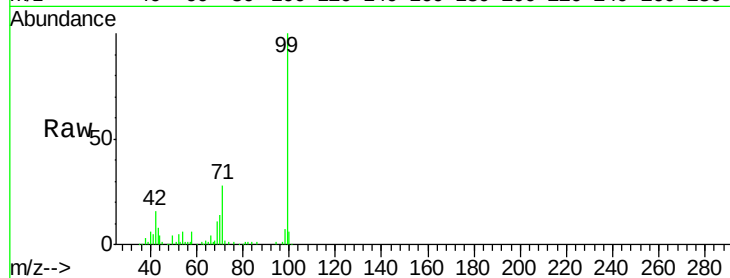
Tgt Ion: 99 Resp: 104619

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

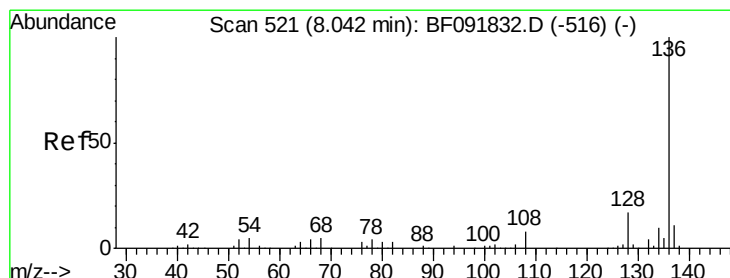
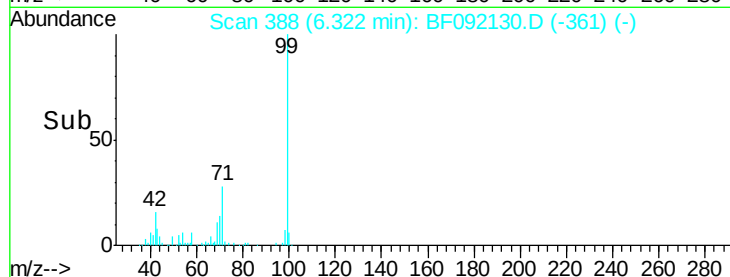
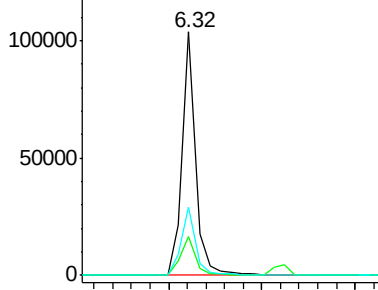
71 28.2 27.5 41.3



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: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

Tgt Ion: 136 Resp: 578393

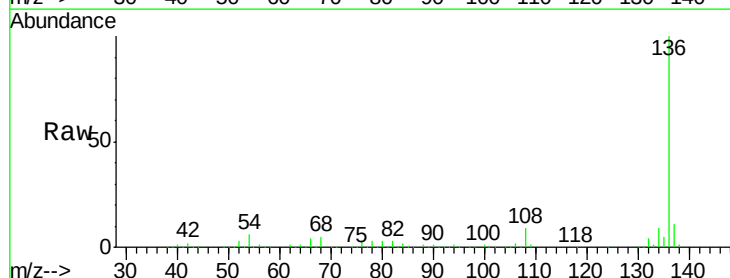
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.1 4.5 6.7

68 5.2 3.6 5.4

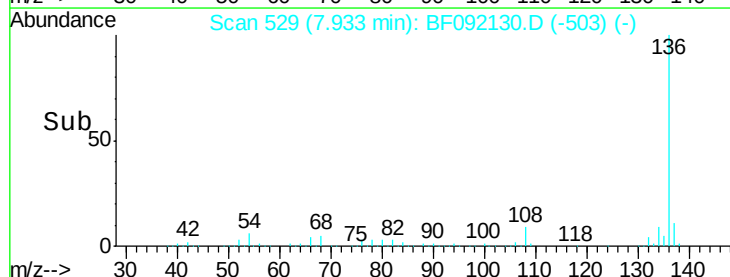
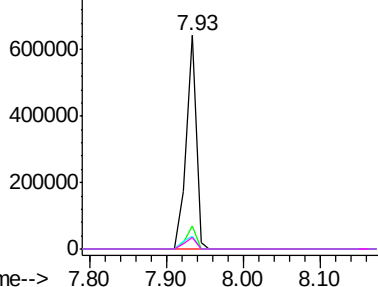


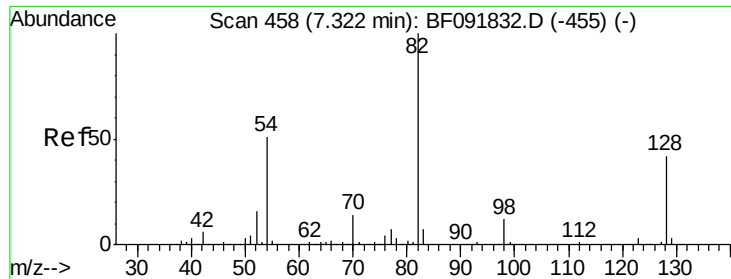
Abundance Ion 136.00 (135.70 to 136.70): E

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

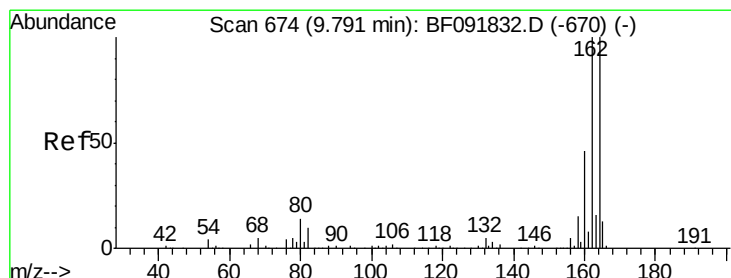
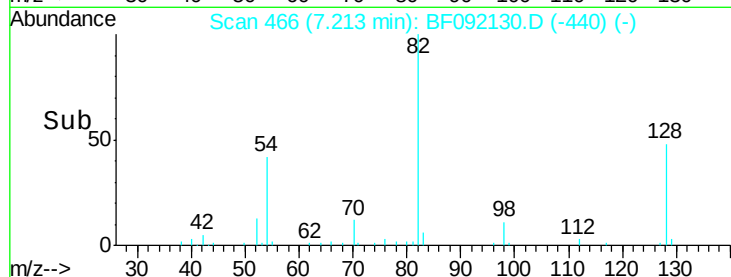
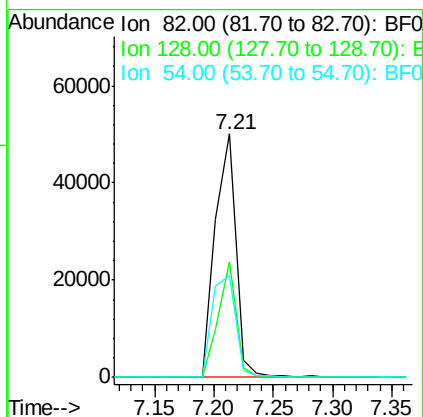
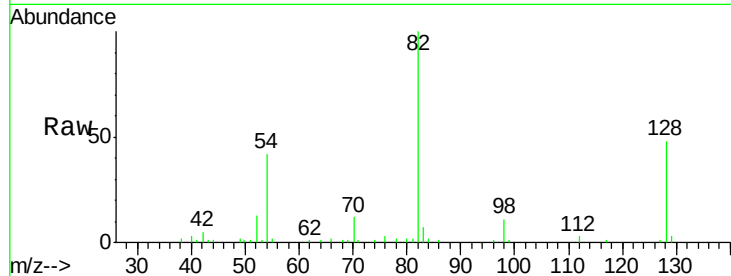




#23
 Nitrobenzene-d5
 Concen: 5.81 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092130.D
 Acq: 6 Jan 2017 21:22

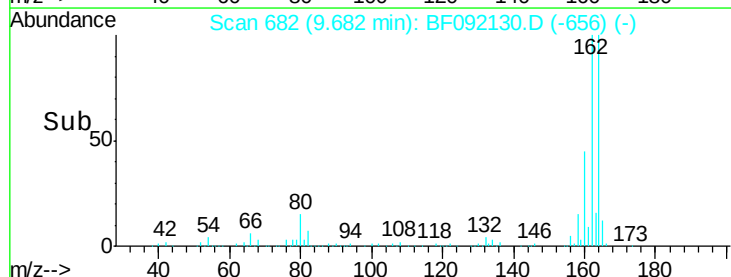
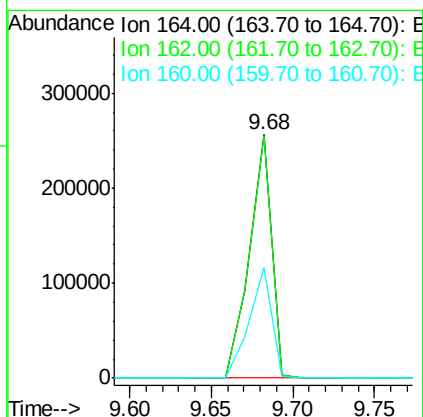
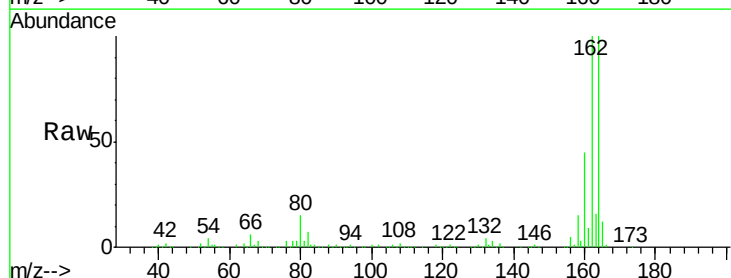
Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP2

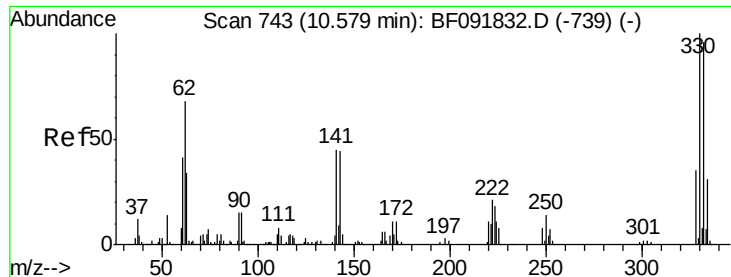
Tgt Ion: 82 Resp: 60429
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.6 52.0
 54 41.9 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092130.D
 Acq: 6 Jan 2017 21:22

Tgt Ion: 164 Resp: 242236
 Ion Ratio Lower Upper
 164 100
 162 99.8 80.2 120.2
 160 45.3 36.9 55.3

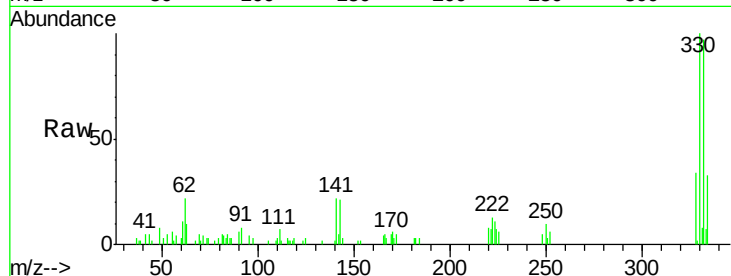




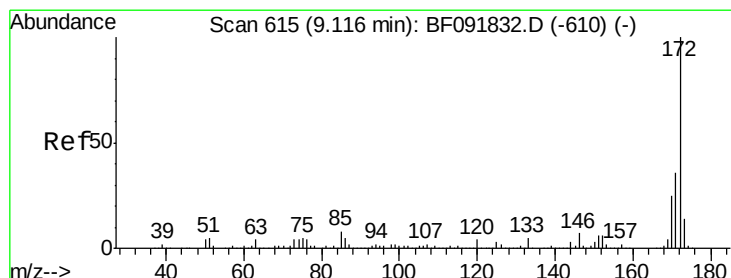
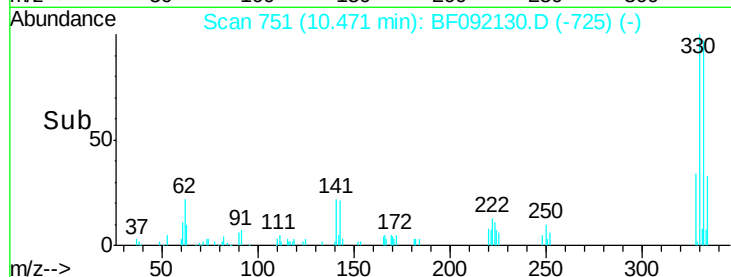
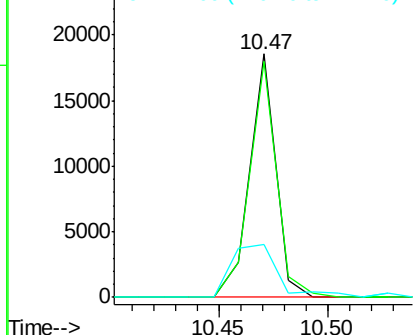
#41
 2,4,6-Tribromophenol
 Concen: 7.72 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092130.D
 Acq: 6 Jan 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP2

Tgt Ion:330 Resp: 15471
 Ion Ratio Lower Upper
 330 100
 332 100.2 77.4 116.2
 141 40.2 34.1 51.1

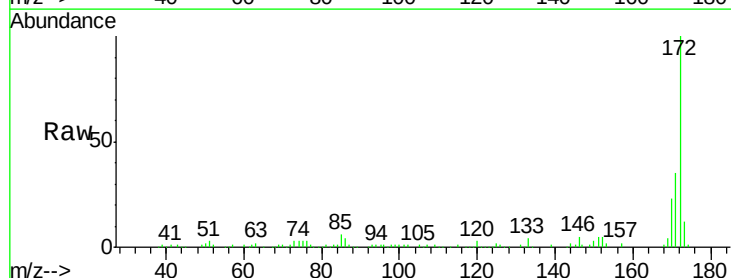


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

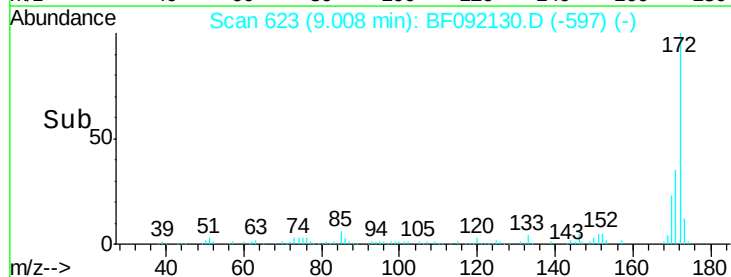
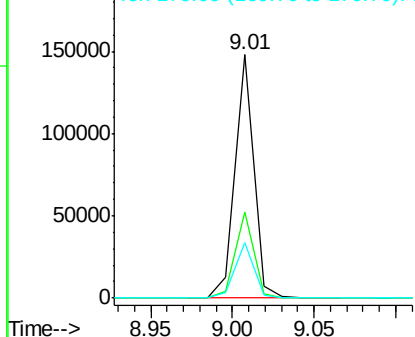


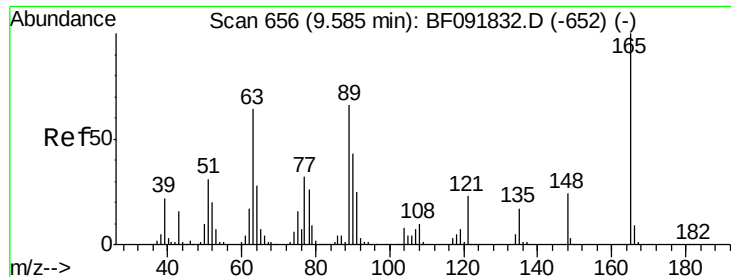
#44
 2-Fluorobiphenyl
 Concen: -3.64 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092130.D
 Acq: 6 Jan 2017 21:22

Tgt Ion:172 Resp: 115981
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.0
 170 22.5 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

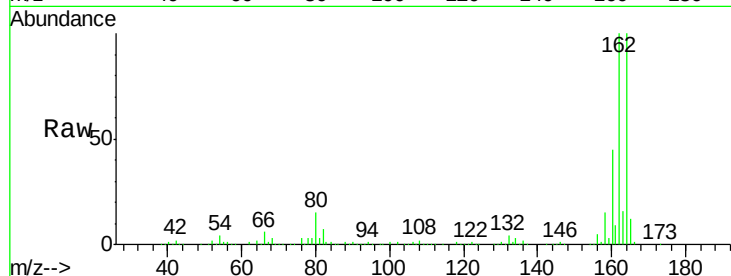




#50
2,6-Dinitrotoluene
Concen: 8.99 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.21 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Instrument :
BNA_F
ClientSampleId :
RAP-SP2

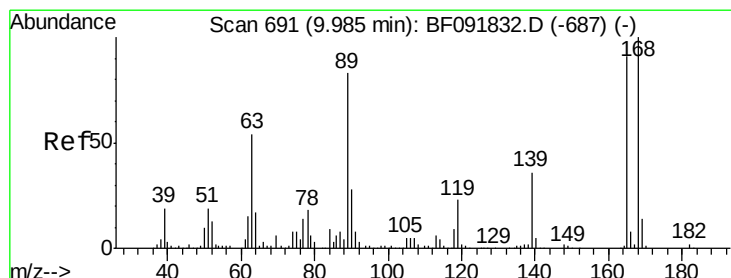
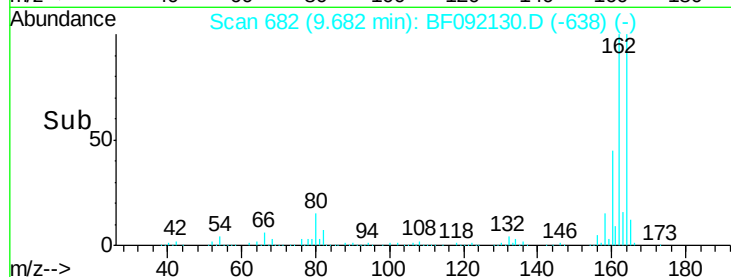
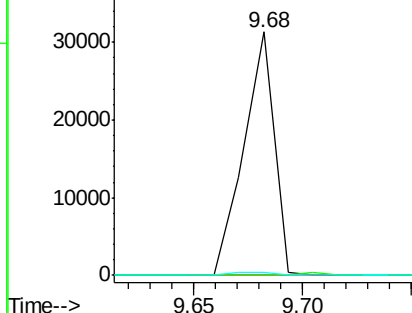
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.1	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

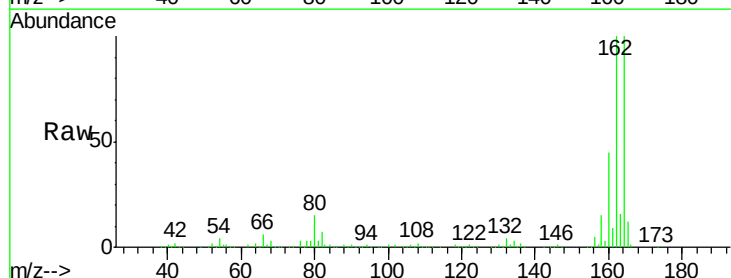
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 7.16 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

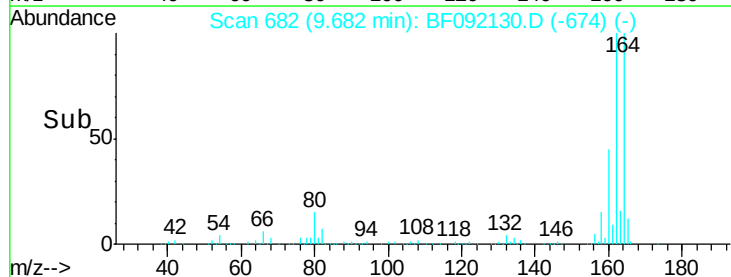
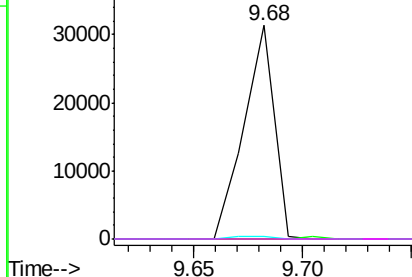


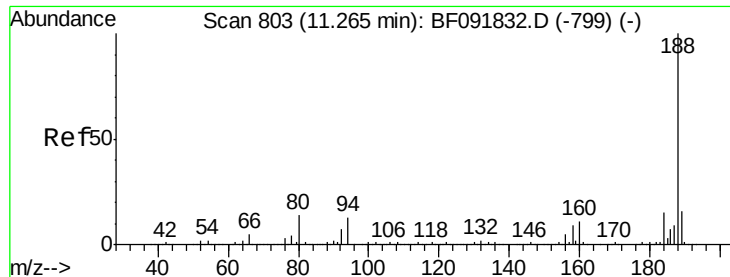
Abundance Ion 165.00 (164.70 to 165.70): E

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

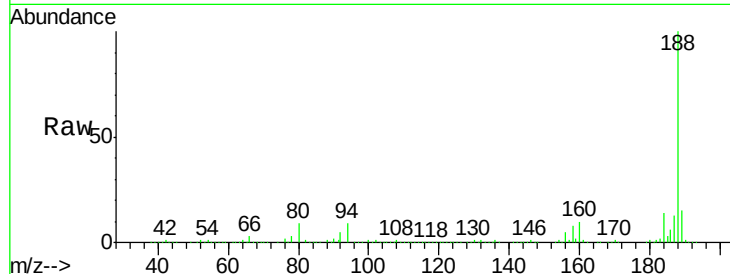




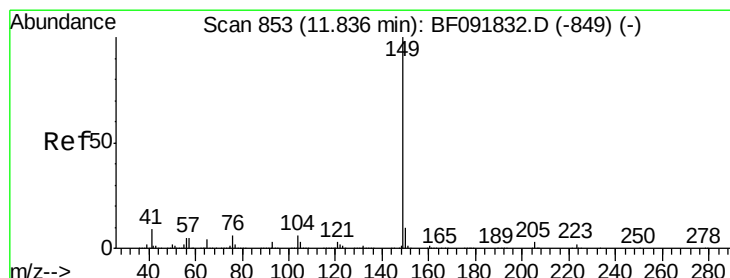
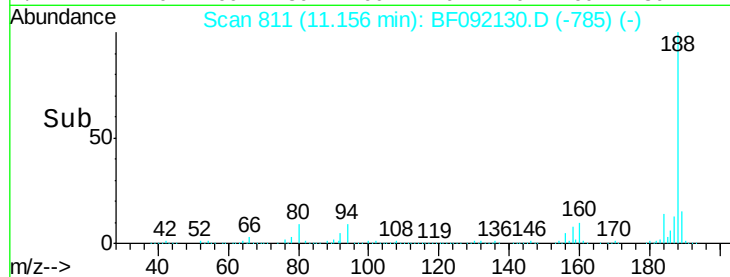
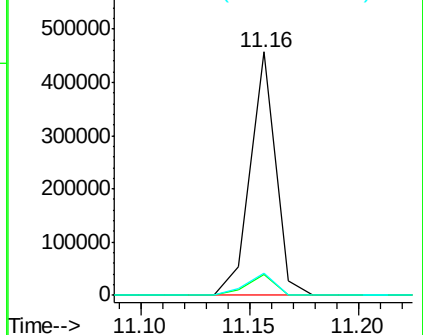
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Instrument :
BNA_F
ClientSampleId :
RAP-SP2

Tgt Ion:188 Resp: 370338
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 9.3 11.2 16.8#

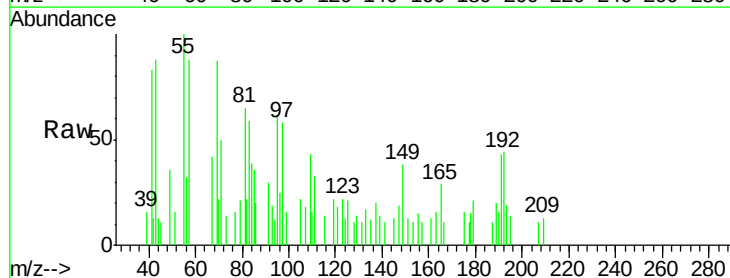


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

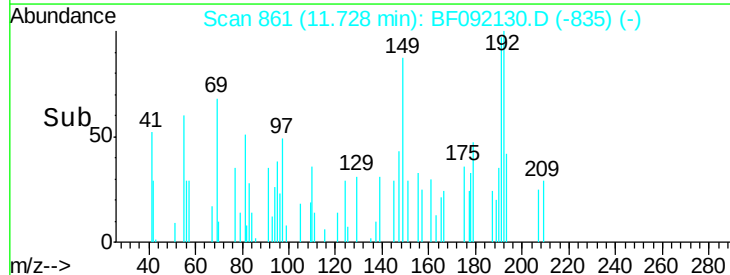
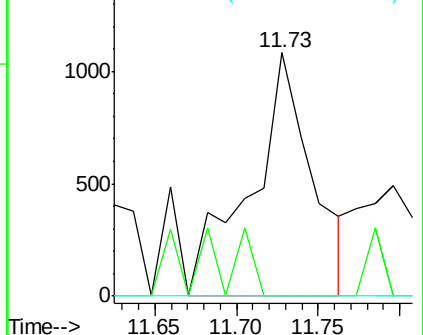


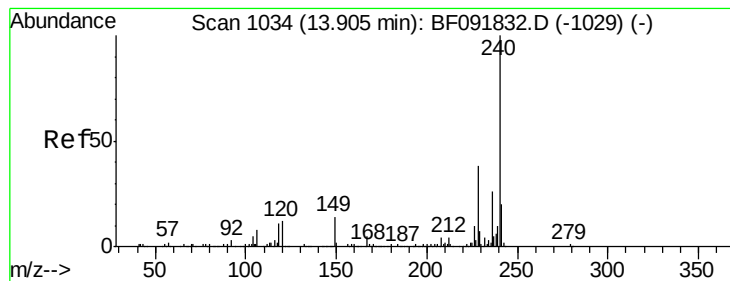
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Tgt Ion:149 Resp: 2860
Ion Ratio Lower Upper
149 100
150 0.0 8.1 12.1#
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

Instrument :

BNA_F

ClientSampled :

RAP-SP2

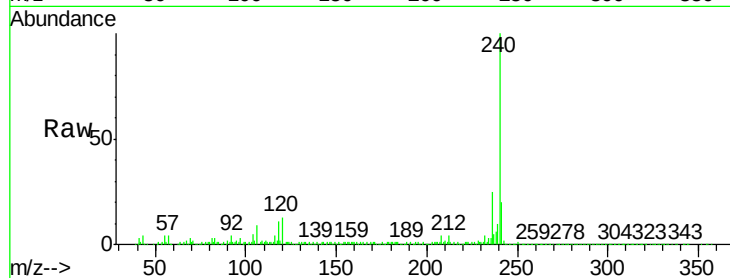
Tgt Ion:240 Resp: 338099

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

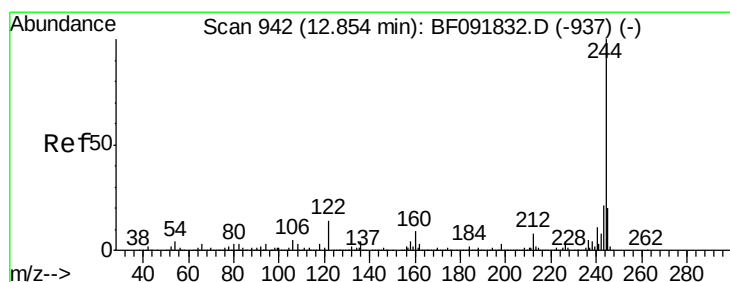
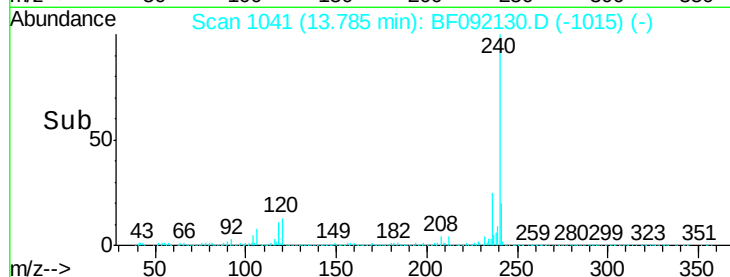
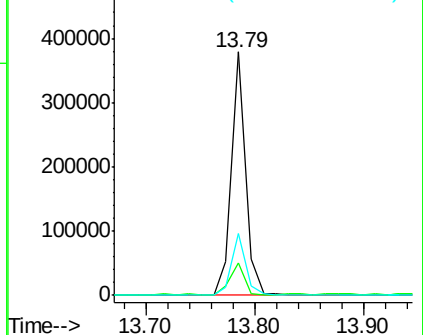
236 25.4 20.9 31.3



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: 5.90 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092130.D

Acq: 6 Jan 2017 21:22

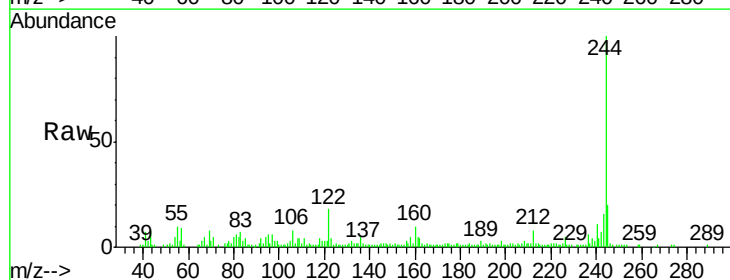
Tgt Ion:244 Resp: 82198

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

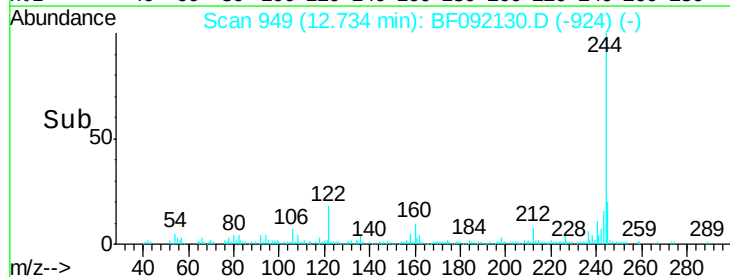
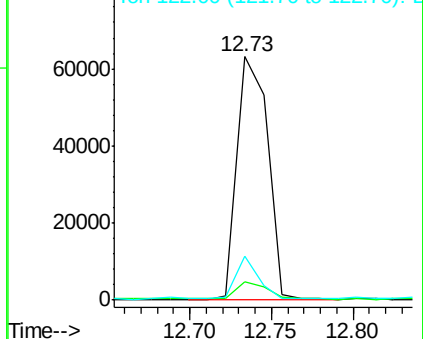
122 18.1 11.4 17.2#

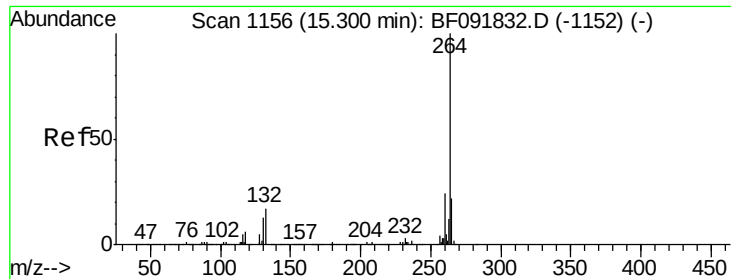


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

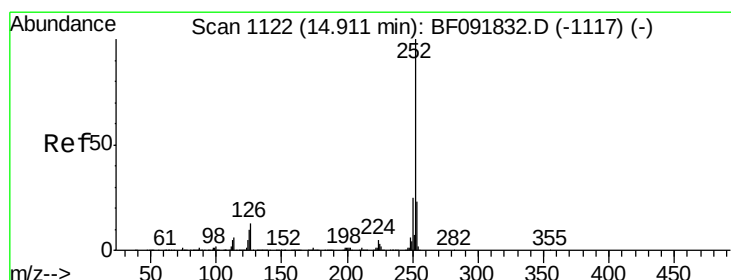
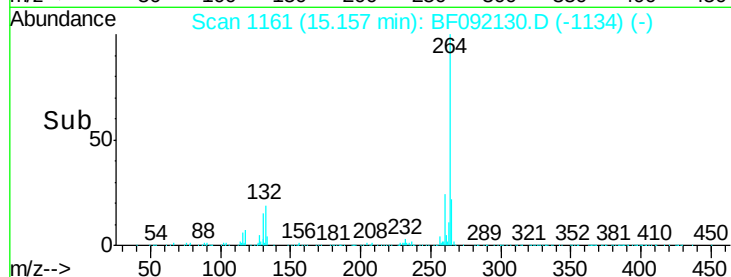
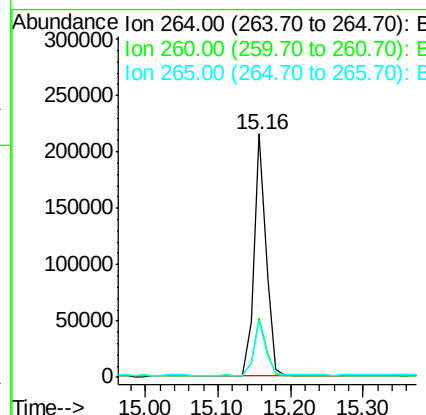
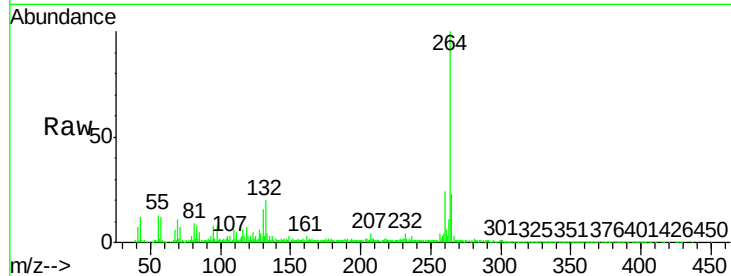




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Instrument :
BNA_F
ClientSampleId :
RAP-SP2

Tgt Ion:264 Resp: 248834
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 23.1 17.4 26.0



#88
Benzo(k)fluoranthene
Concen: 2.25 ng
RT: 14.78 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF092130.D
Acq: 6 Jan 2017 21:22

Tgt Ion:252 Resp: 29773
Ion Ratio Lower Upper
252 100
253 44.3 18.5 27.7#
125 58.0 8.9 13.3#

