

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091959.D
 Acq On : 24 Dec 2016 8:43
 Operator : UM/SJ
 Sample : H6156-13DL 250X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Quant Time: Dec 24 23:50:53 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

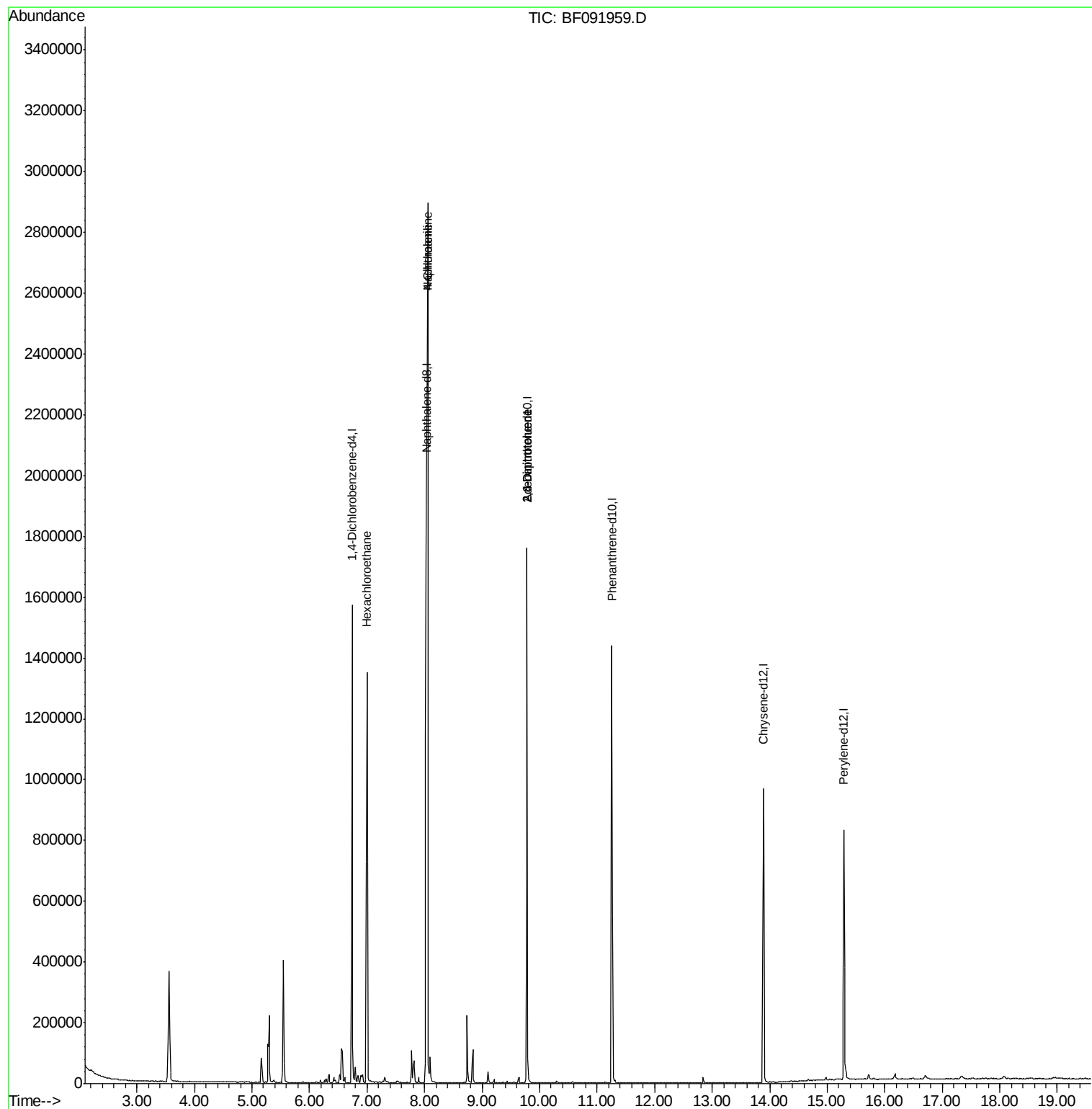
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	257609	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1069904	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	427214	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	595383	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	413576	20.00	ng	-0.01
86) Perylene-d12	15.29	264	395539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	4116	0.27	ng	0.03
7) Phenol-d6	6.43	99	3439	0.18	ng	0.02
23) Nitrobenzene-d5	7.31	82	9283	0.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	1512	0.43	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	15281	-14.34	ng	-0.01
78) Terphenyl-d14	12.84	244	9901	0.58	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	1426	Below Cal	#	1
18) Hexachloroethane	7.00	117	45490	6.43	ng	# 1
31) Naphthalene	8.05	128	1879220	38.38	ng	99
33) 4-Chloroaniline	8.05	127	245557	11.12	ng	# 32
50) 2,6-Dinitrotoluene	9.78	165	55203	9.23	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	55199	7.35	ng	# 19
71) Anthracene	11.28	178	6099	Below Cal		95
73) Di-n-butylphthalate	11.84	149	473	Below Cal	#	76

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

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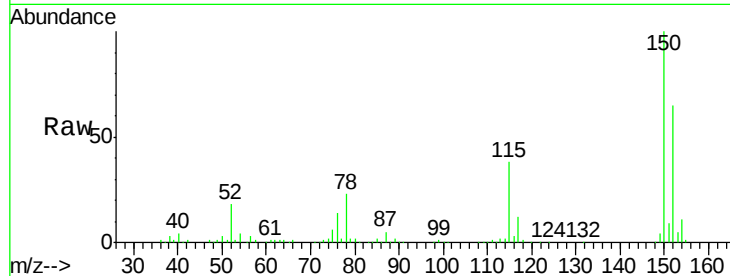




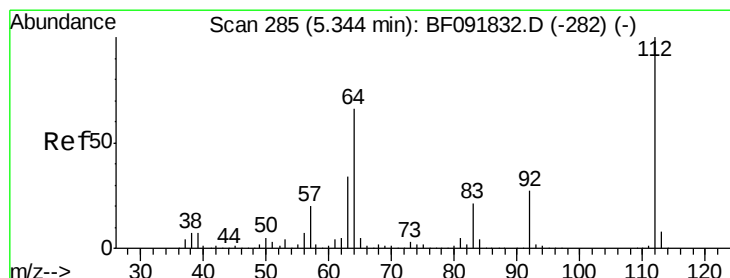
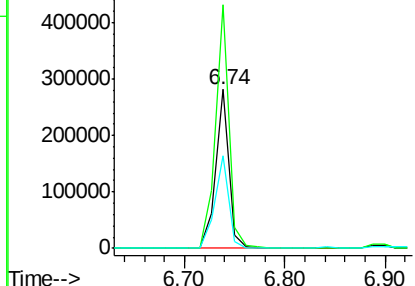
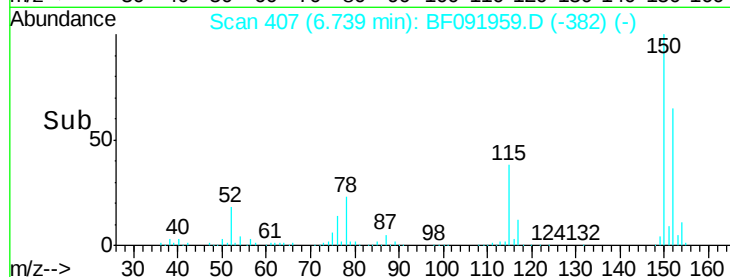
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	58.3	46.0	69.0

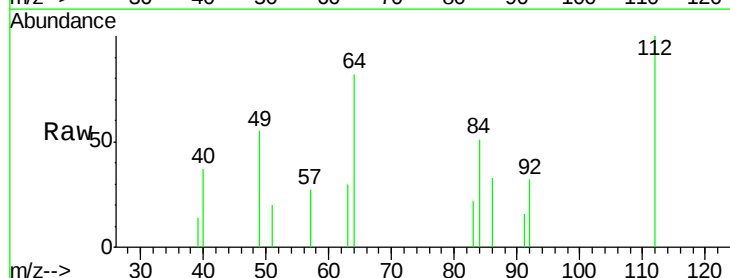


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

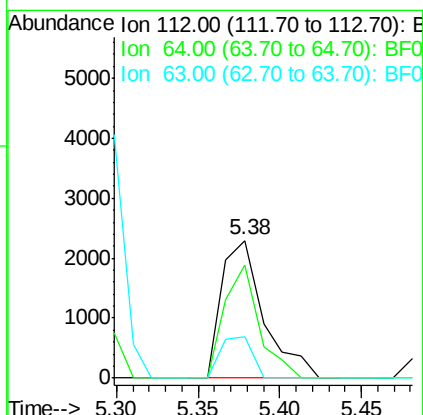
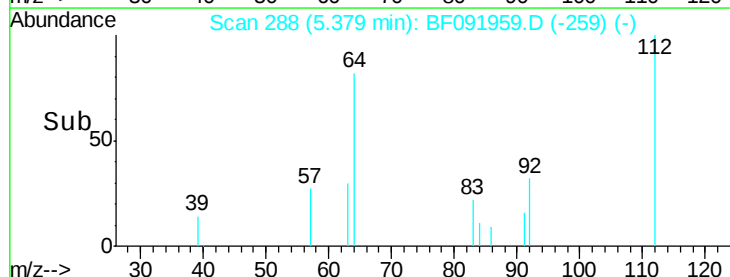


#5
 2-Fluorophenol
 Concen: 0.27 ng
 RT: 5.38 min Scan# 288
 Delta R.T. 0.03 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.2	46.1	69.1#
63	30.2	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: 0.18 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

Instrument :

BNA_F

ClientSampleId :

MW-16DL

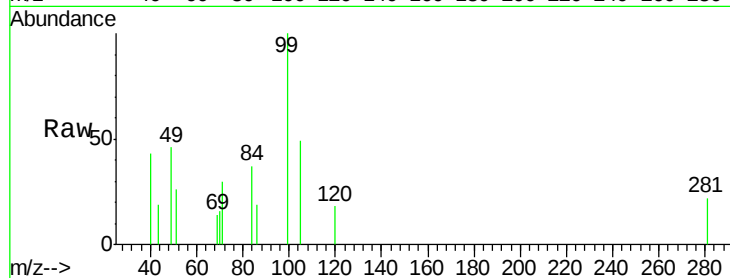
Tgt Ion: 99 Resp: 3439

Ion Ratio Lower Upper

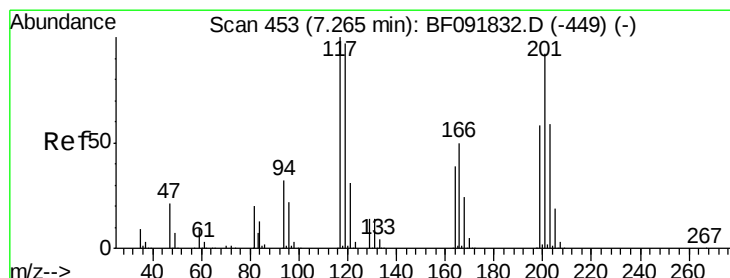
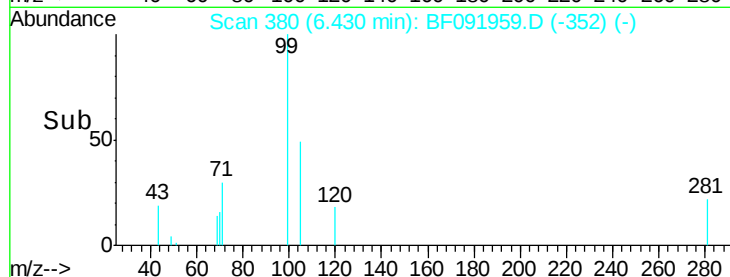
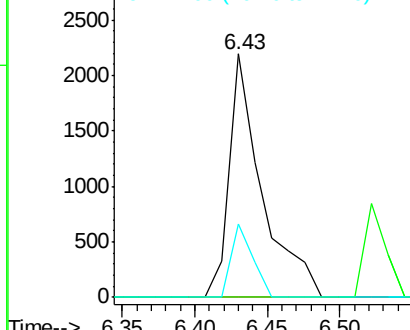
99 100

42 0.0 15.6 23.4#

71 30.1 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



#18

Hexachloroethane

Concen: 6.43 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.26 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

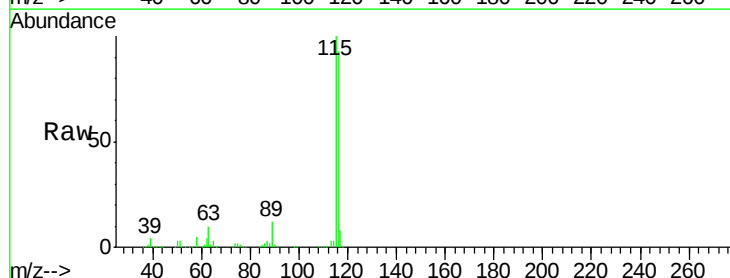
Tgt Ion: 117 Resp: 45490

Ion Ratio Lower Upper

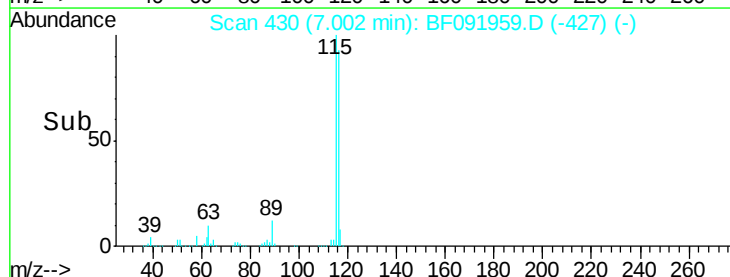
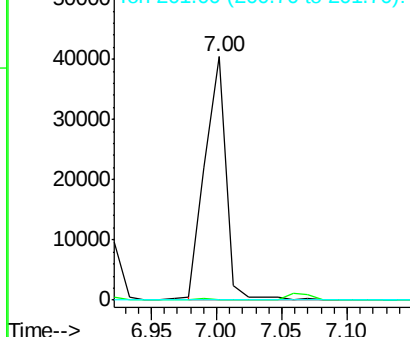
117 100

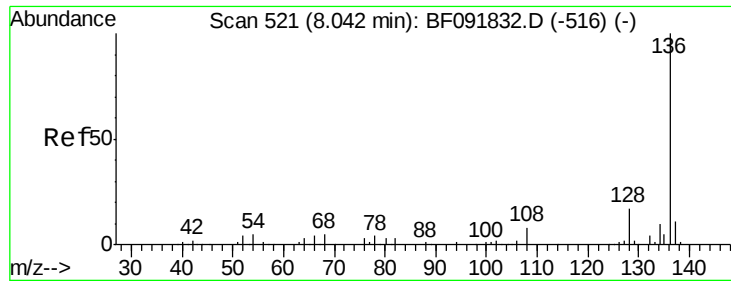
119 0.0 78.1 117.1#

201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

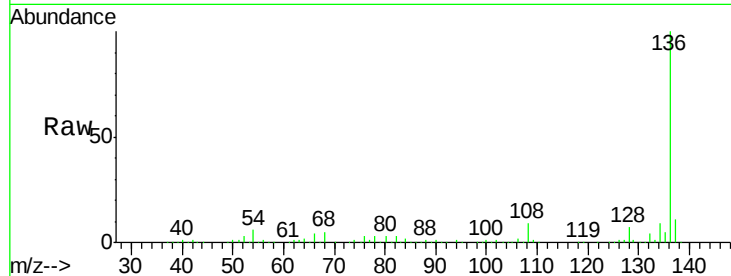




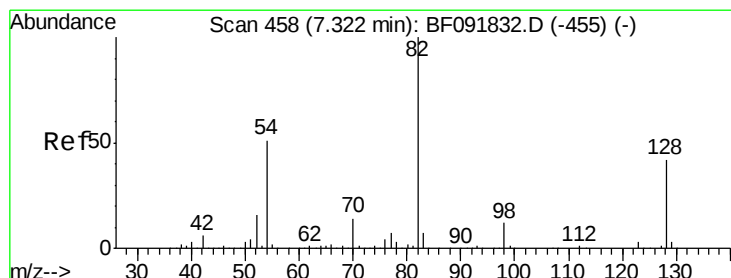
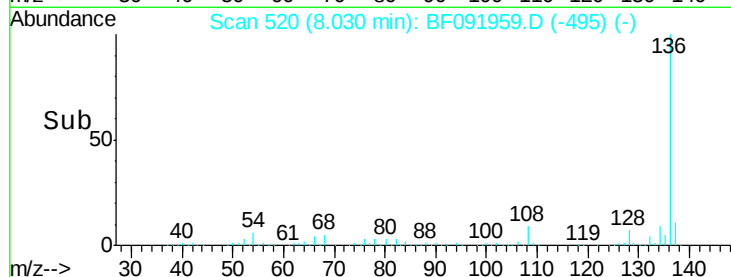
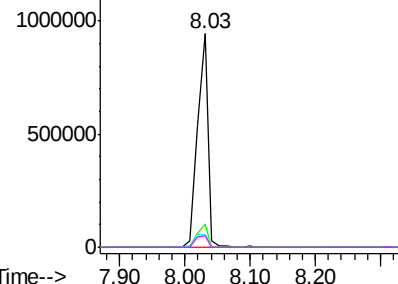
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091959.D
Acq: 24 Dec 2016 8:43

Instrument :
BNA_F
ClientSampleId :
MW-16DL

Tgt Ion: 136 Resp: 1069904
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.0 4.5 6.7
68 5.1 3.6 5.4

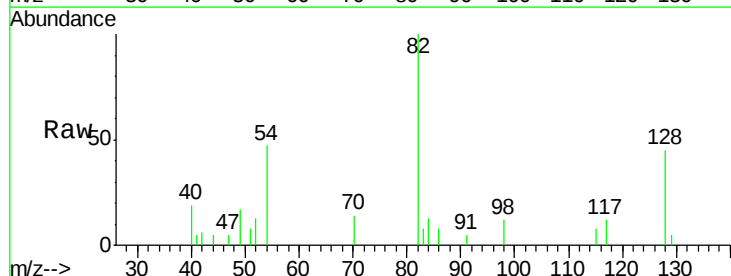


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

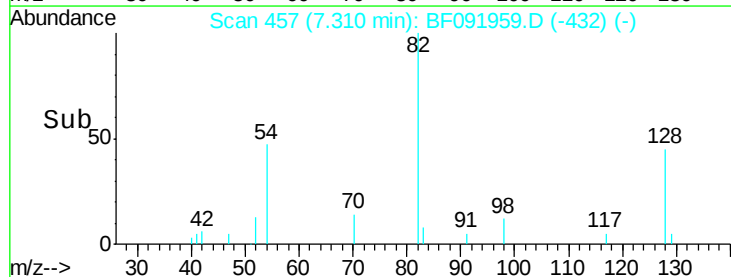
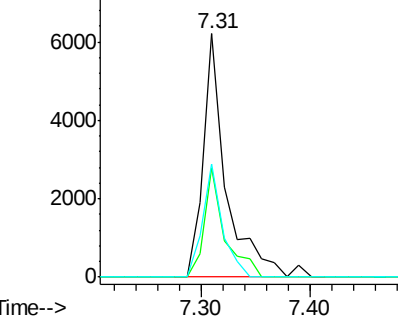


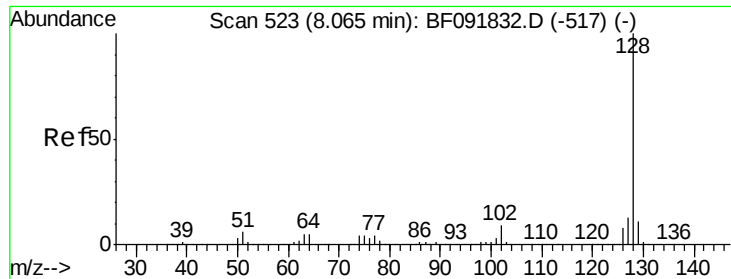
#23
Nitrobenzene-d5
Concen: 0.48 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091959.D
Acq: 24 Dec 2016 8:43

Tgt Ion: 82 Resp: 9283
Ion Ratio Lower Upper
82 100
128 44.7 34.6 52.0
54 46.6 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

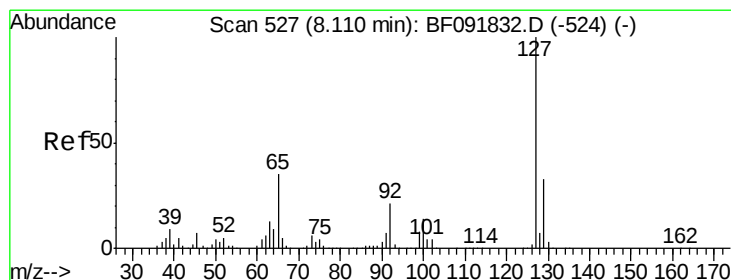
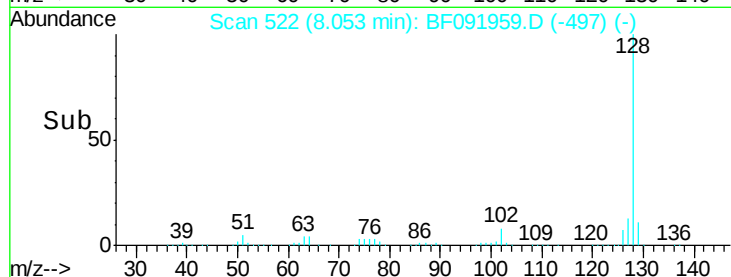
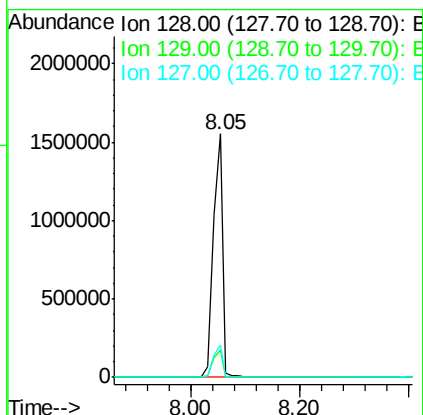
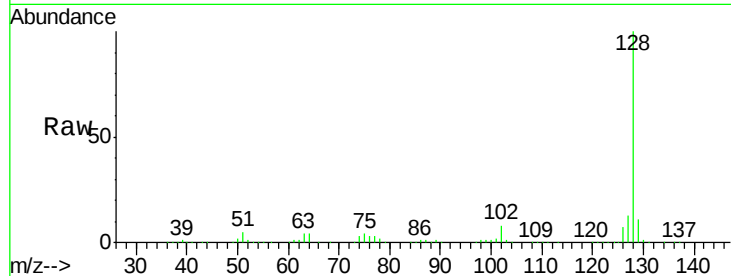




#31
Naphthalene
Concen: 38.38 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091959.D
Acq: 24 Dec 2016 8:43

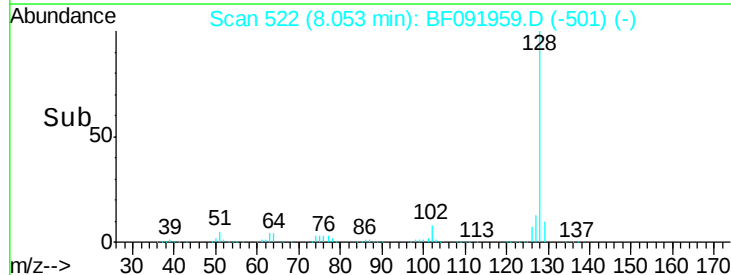
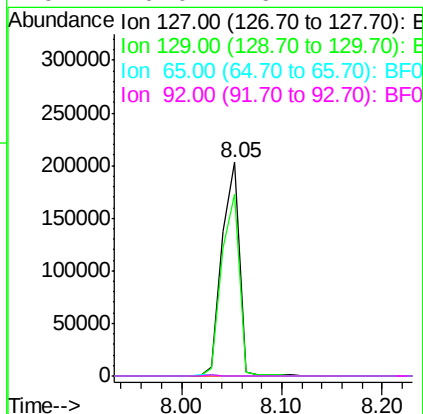
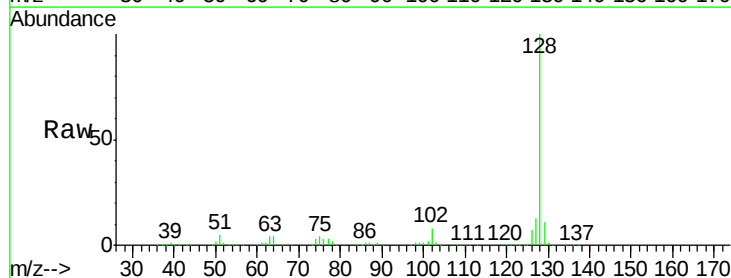
Instrument :
BNA_F
ClientSampleId :
MW-16DL

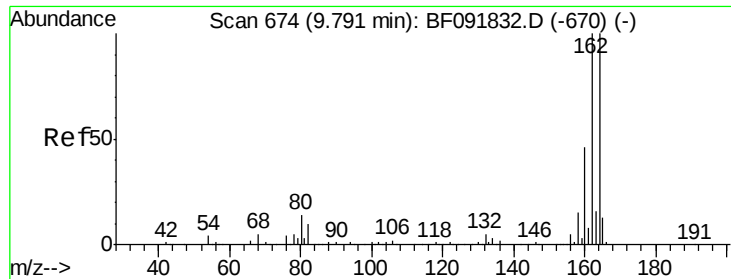
Tgt Ion:128 Resp: 1879220
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.1 10.8 16.2



#33
4-Chloroaniline
Concen: 11.12 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF091959.D
Acq: 24 Dec 2016 8:43

Tgt Ion:127 Resp: 245557
Ion Ratio Lower Upper
127 100
129 85.1 26.3 39.5#
65 0.0 25.8 38.8#
92 0.0 16.1 24.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

Instrument :

BNA_F

ClientSampleId :

MW-16DL

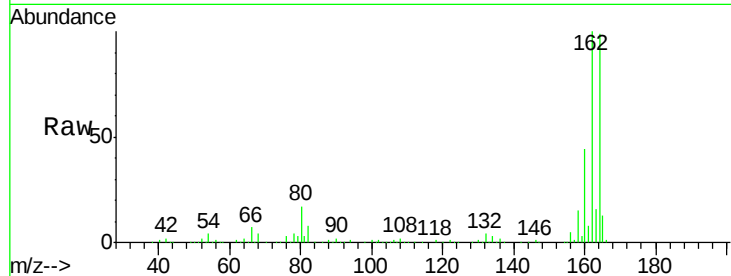
Tgt Ion:164 Resp: 427214

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

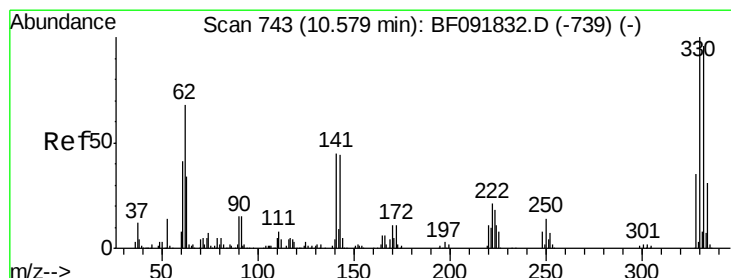
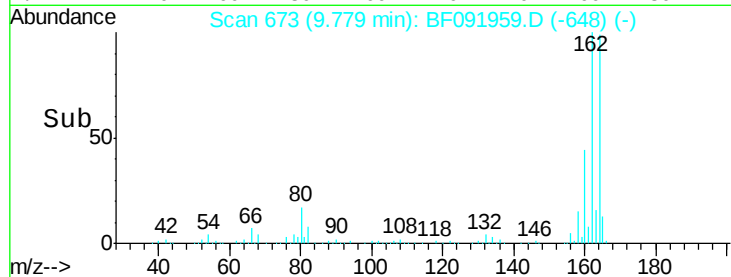
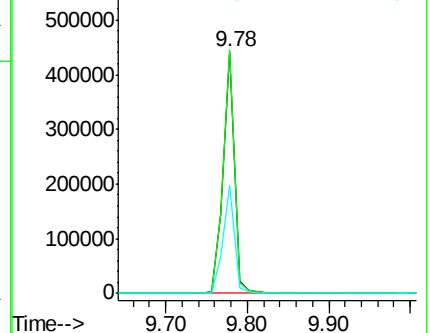
160 44.7 36.9 55.3



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: 0.43 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

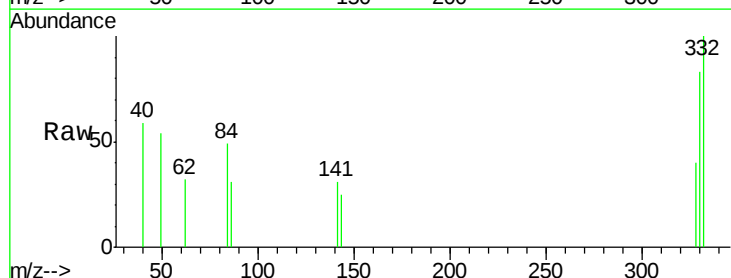
Tgt Ion:330 Resp: 1512

Ion Ratio Lower Upper

330 100

332 104.8 77.4 116.2

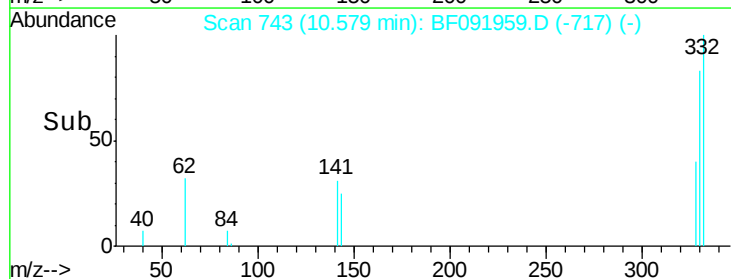
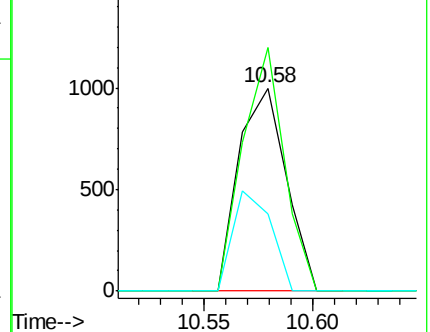
141 39.4 34.1 51.1

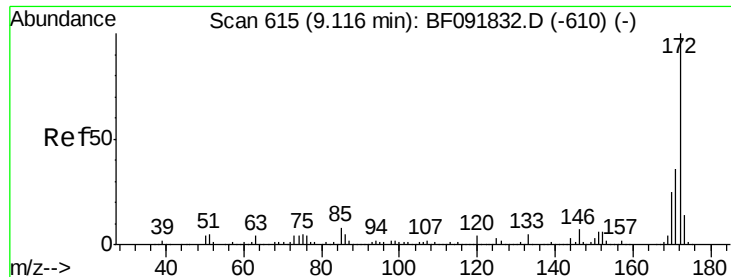


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

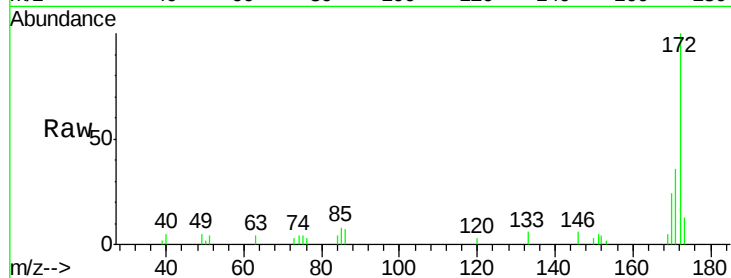




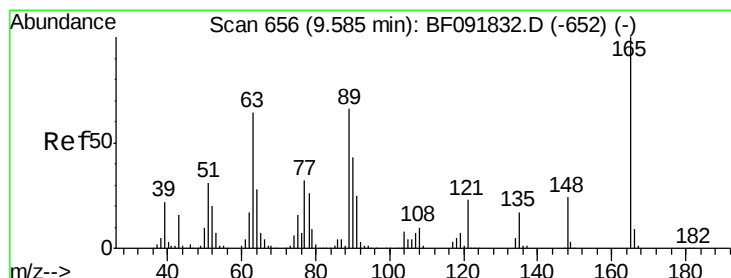
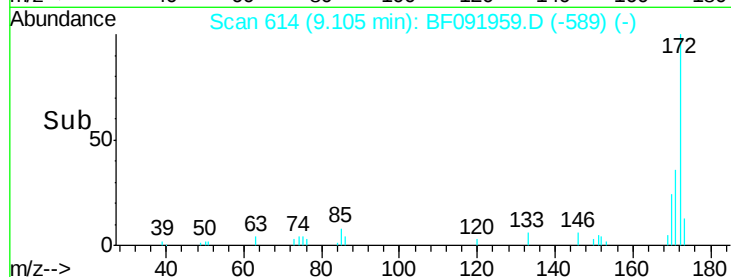
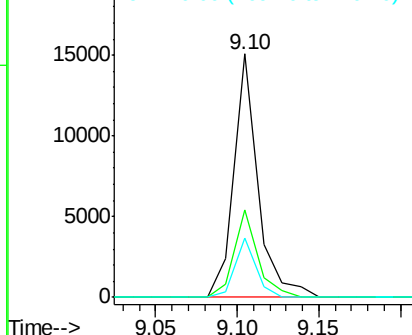
#44
 2-Fluorobiphenyl
 Concen: -14.34 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Tgt Ion:172 Resp: 15281
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.2 20.2 30.4

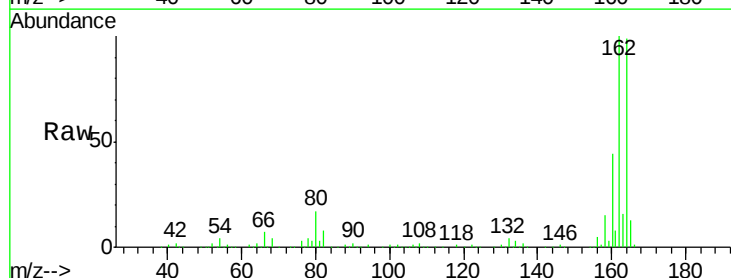


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

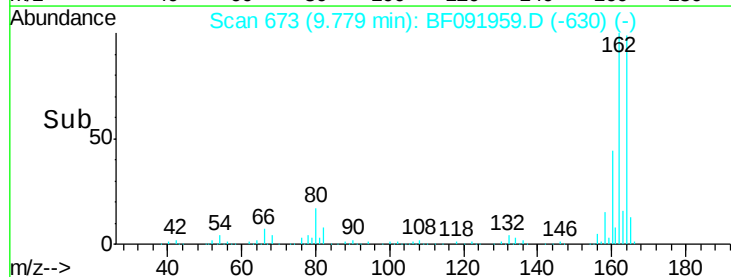
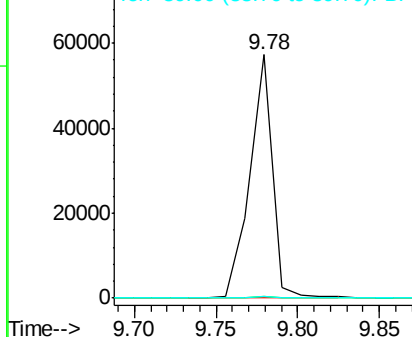


#50
 2,6-Dinitrotoluene
 Concen: 9.23 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.19 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

Tgt Ion:165 Resp: 55203
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 0.8 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

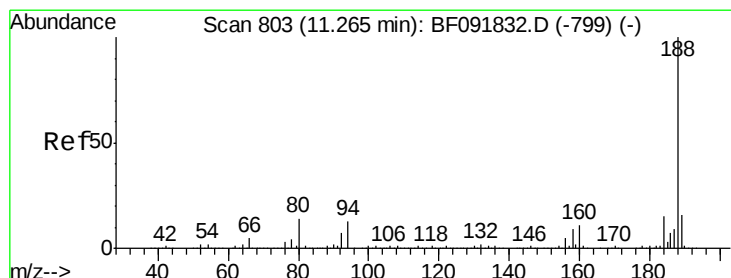
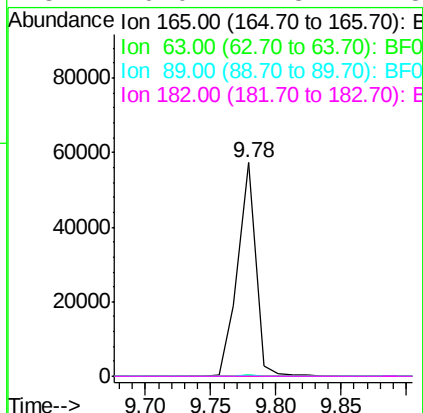
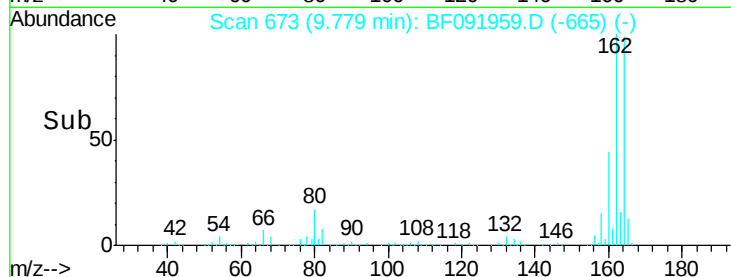
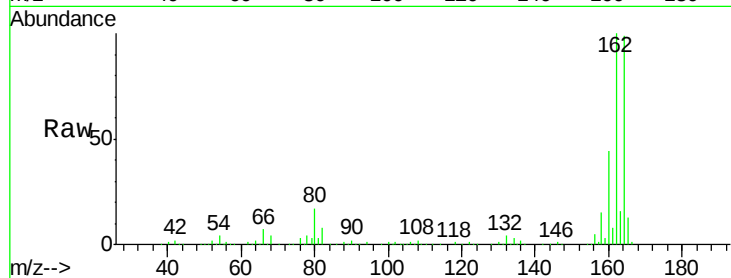




#56
 2,4-Dinitrotoluene
 Concen: 7.35 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

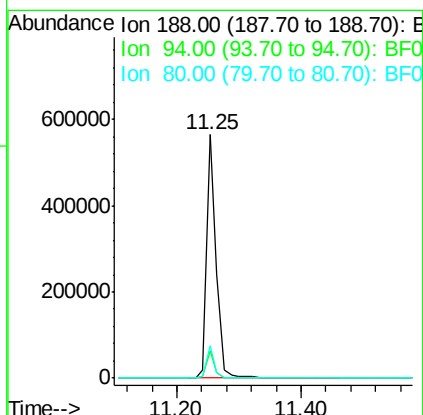
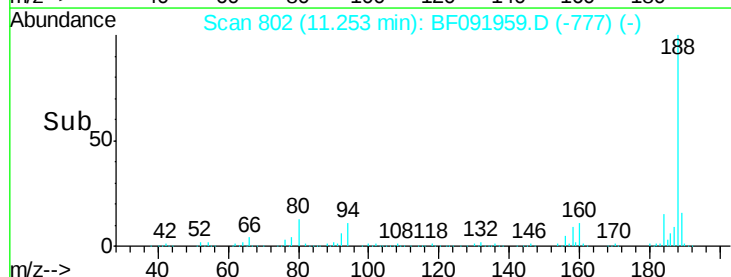
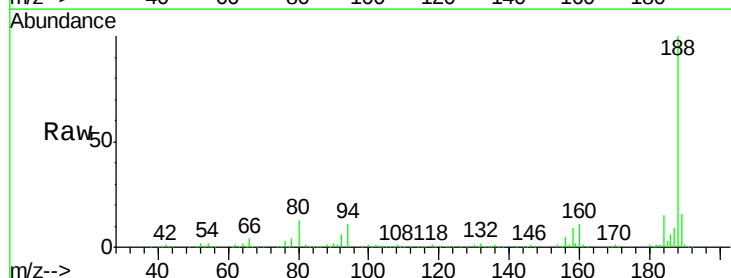
Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Tgt Ion:	165	Resp:	55199
Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

Tgt Ion:	188	Resp:	595383
Ion	Ratio	Lower	Upper
188	100		
94	11.5	10.0	15.0
80	13.2	11.2	16.8





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

Instrument :

BNA_F

ClientSampleId :

MW-16DL

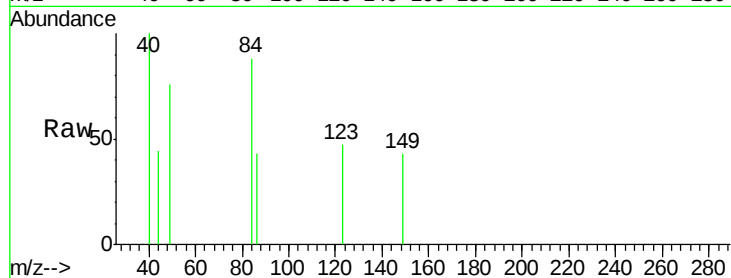
Tgt Ion:149 Resp: 473

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

104 0.0 4.6 7.0#



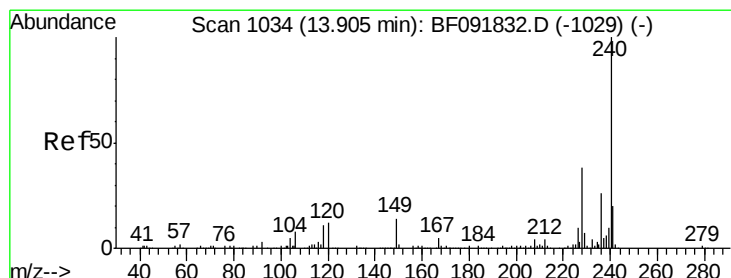
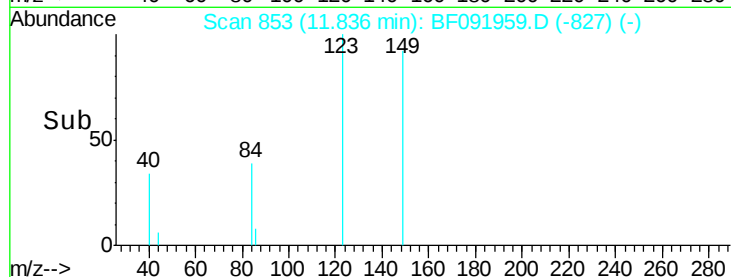
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.84

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

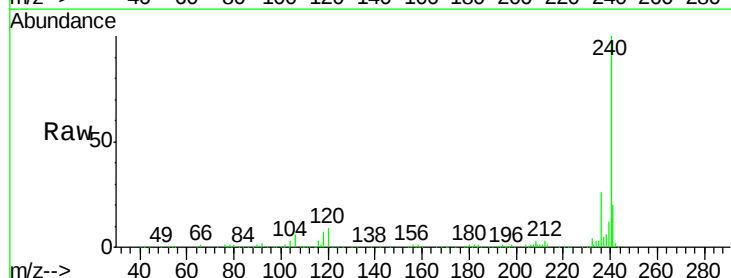
Tgt Ion:240 Resp: 413576

Ion Ratio Lower Upper

240 100

120 9.0 12.9 19.3#

236 25.9 20.9 31.3



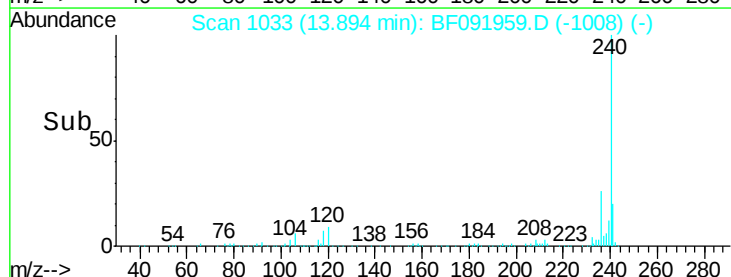
Abundance Ion 240.00 (239.70 to 240.70): E

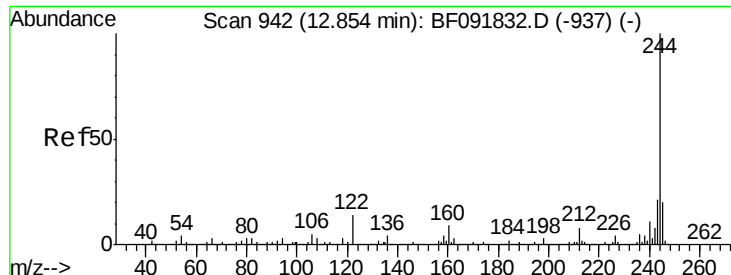
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.89

Time-->

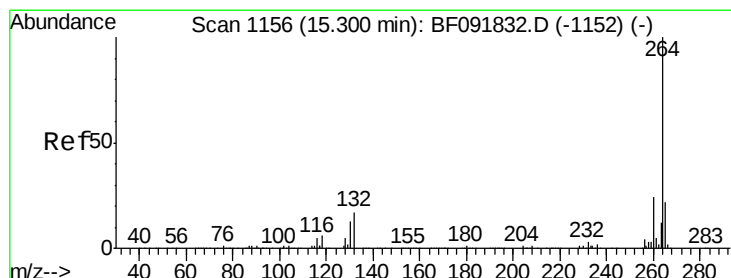
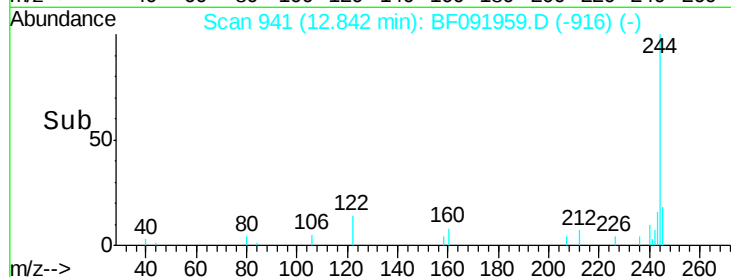
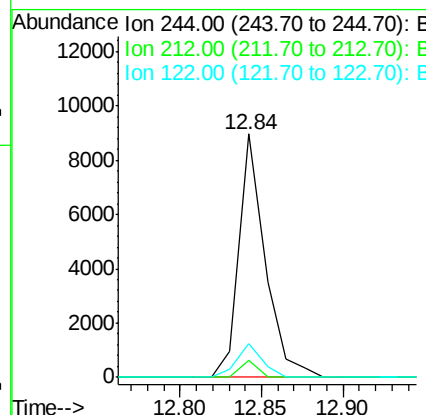
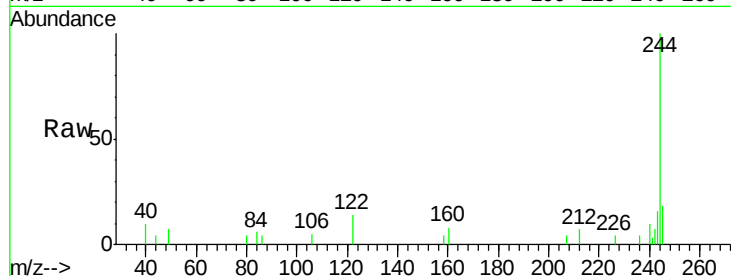




#78
 Terphenyl-d14
 Concen: 0.58 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Tgt Ion:244 Resp: 9901
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 14.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

Tgt Ion:264 Resp: 395539
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.3 17.4 26.0

