

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091479.D
 Acq On : 7 Dec 2016 19:47
 Operator : UM/SJ
 Sample : H5885-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-120516

Quant Time: Dec 08 00:25:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

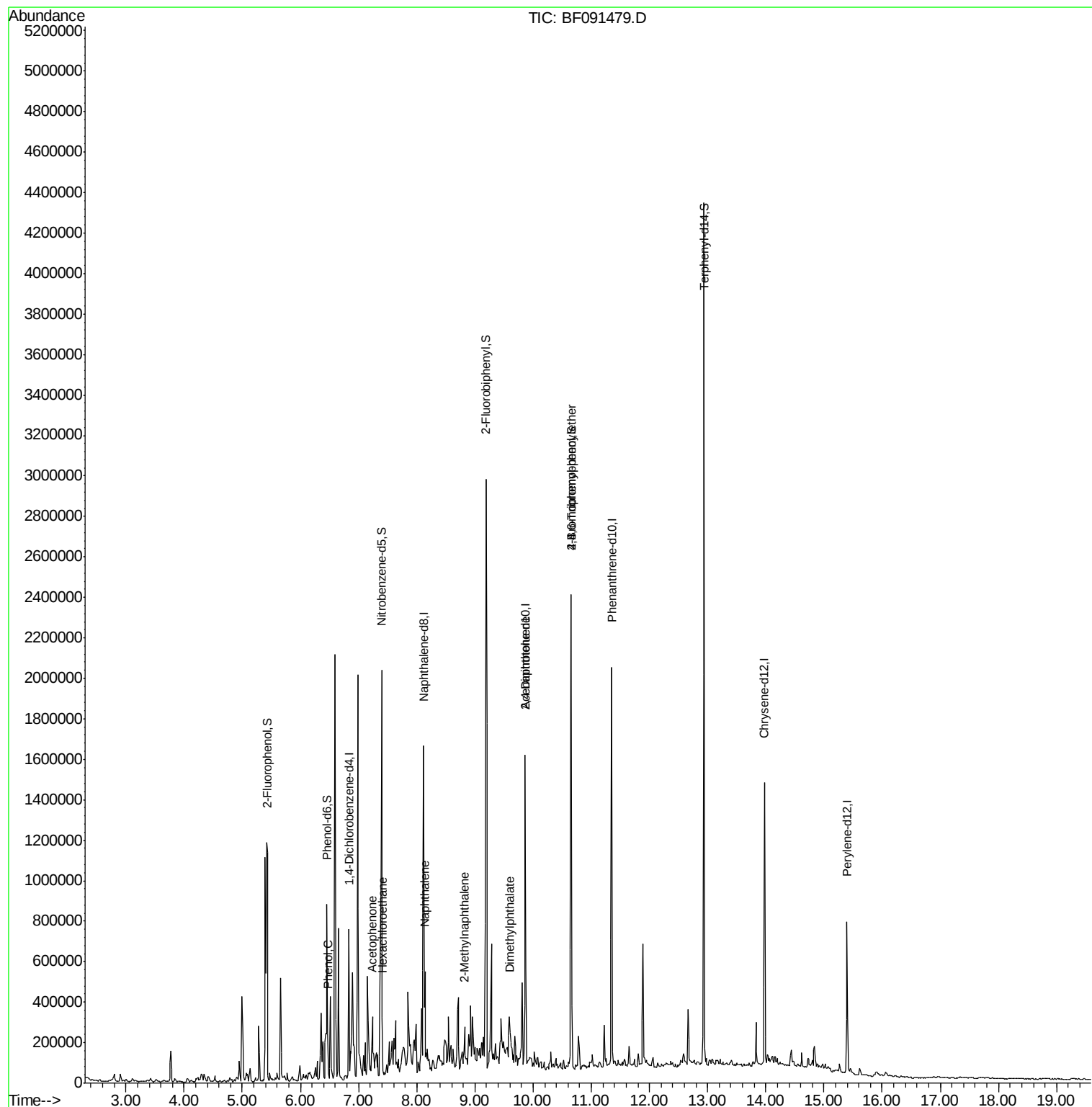
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	157789	20.00	ng	-0.04
21) Naphthalene-d8	8.12	136	664067	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	362555	20.00	ng	-0.05
63) Phenanthrene-d10	11.35	188	755884	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	492921	20.00	ng	-0.06
86) Perylene-d12	15.40	264	359035	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	325015	33.65	ng	-0.04
7) Phenol-d6	6.46	99	252752	21.26	ng	-0.04
23) Nitrobenzene-d5	7.40	82	662849	55.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	275436	80.25	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1288377	64.34	ng	-0.05
78) Terphenyl-d14	12.94	244	1505617	66.39	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.47	94	42960	3.07	ng	95
18) Hexachloroethane	7.41	117	92940	22.34	ng	# 5
22) Acetophenone	7.24	105	73780	4.69	ng	# 88
31) Naphthalene	8.14	128	165985	5.26	ng	98
37) 2-Methylnaphthalene	8.82	142	51326	2.39	ng	# 90
49) Dimethylphthalate	9.59	163	76863	3.50	ng	96
56) 2,4-Dinitrotoluene	9.86	165	47991	7.54	ng	# 36
66) 4-Bromophenyl-phenylether	10.65	248	16618	2.05	ng	# 1

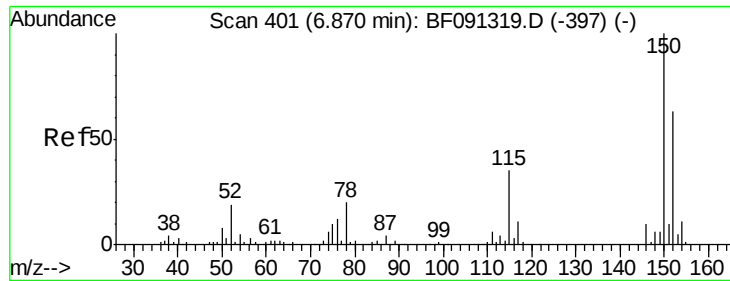
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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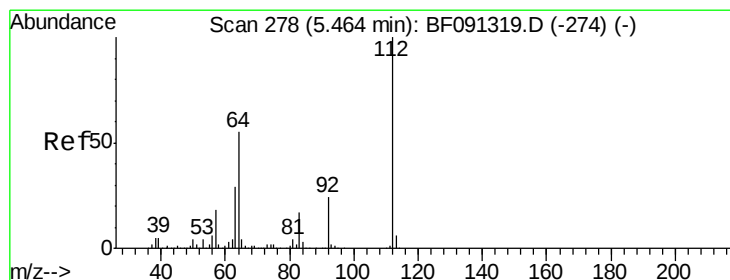
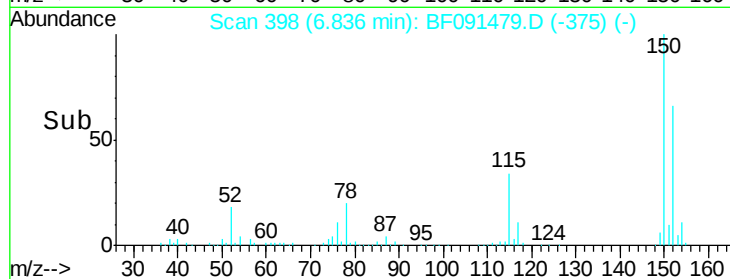
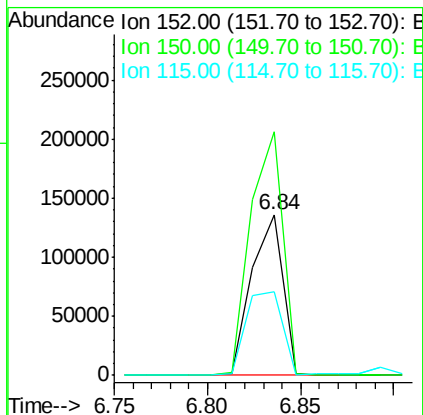
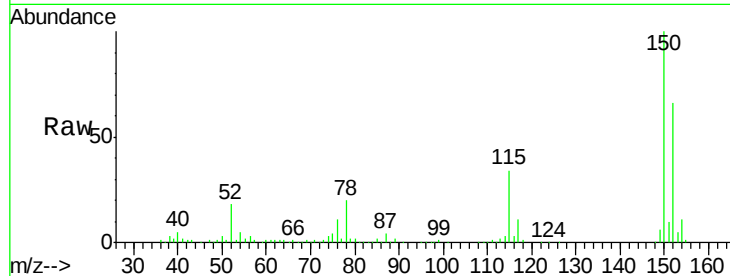


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.04 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
MW-2A-120516

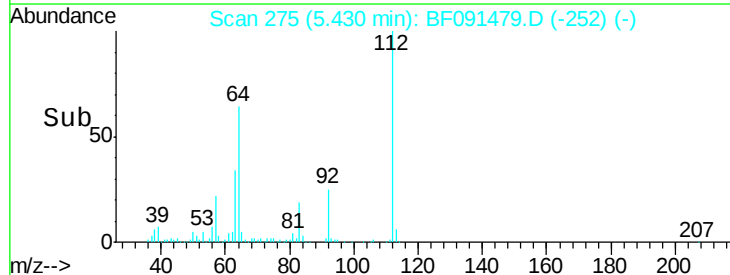
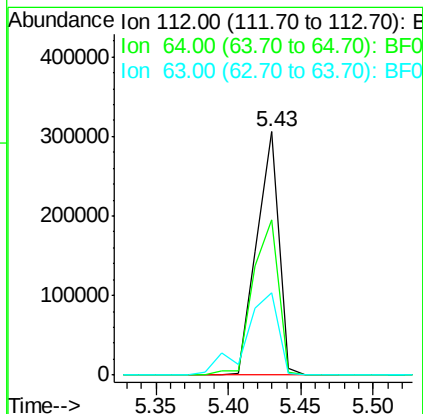
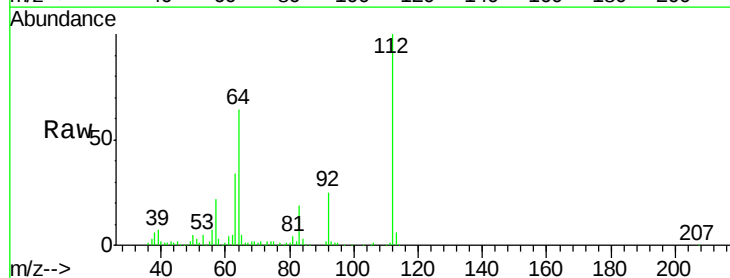
Tgt Ion:152 Resp: 157789
Ion Ratio Lower Upper
152 100
150 151.6 122.5 183.7
115 52.1 51.8 77.8

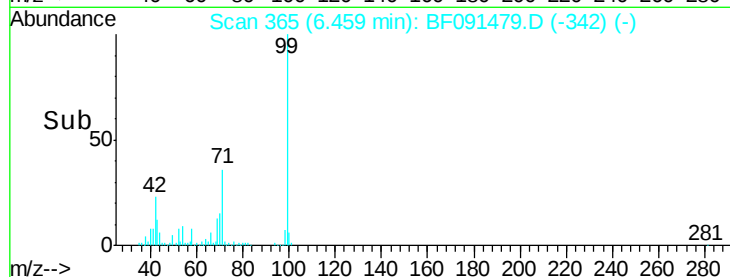
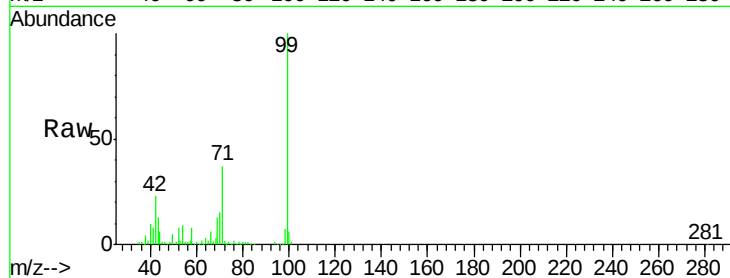
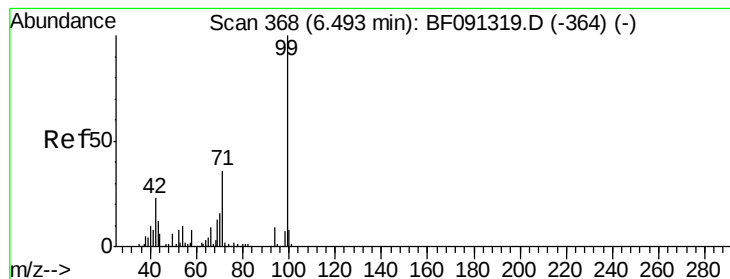


#5

2-Fluorophenol
Concen: 33.65 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.04 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Tgt Ion:112 Resp: 325015
Ion Ratio Lower Upper
112 100
64 63.6 61.5 92.3
63 33.8 33.3 49.9





#7

Phenol-d6

Concen: 21.26 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.04 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2A-120516

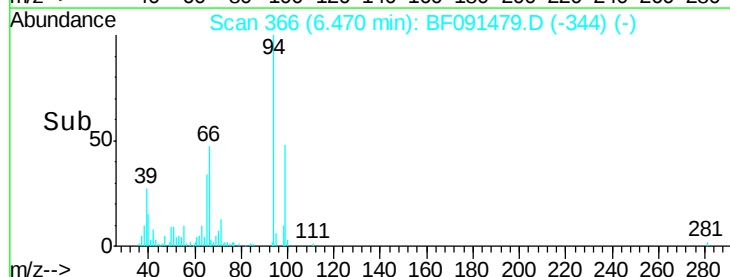
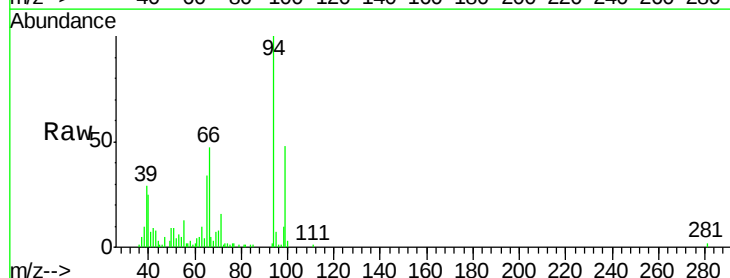
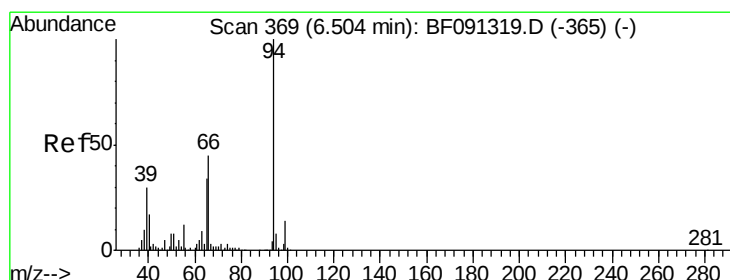
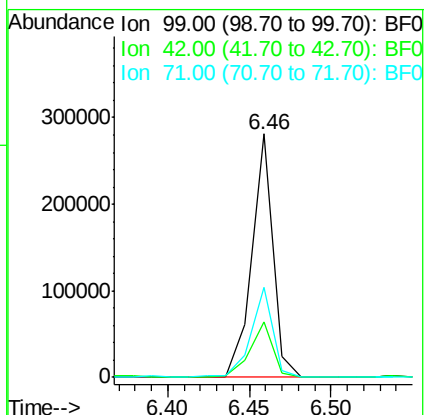
Tgt Ion: 99 Resp: 252752

Ion Ratio Lower Upper

99 100

42 22.9 20.6 31.0

71 36.8 29.9 44.9



#10

Phenol

Concen: 3.07 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.05 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

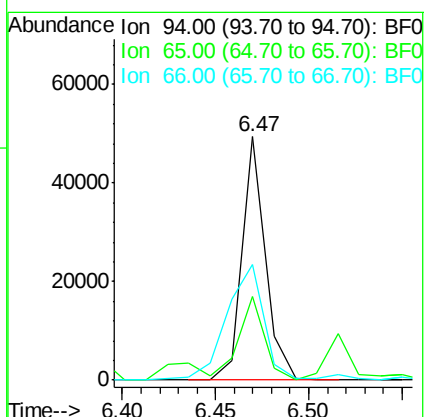
Tgt Ion: 94 Resp: 42960

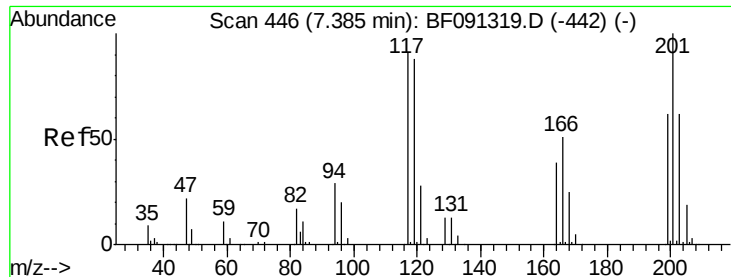
Ion Ratio Lower Upper

94 100

65 34.4 16.9 56.9

66 47.3 30.6 70.6

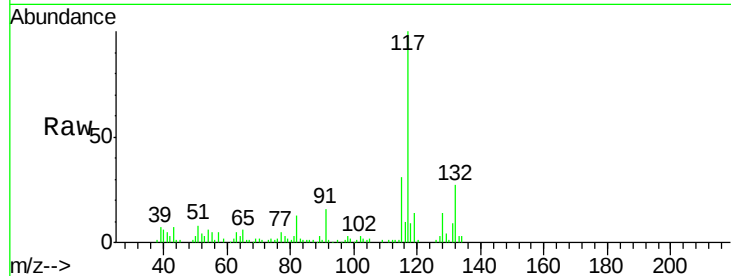




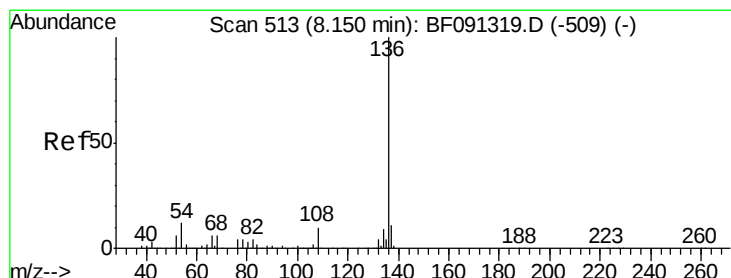
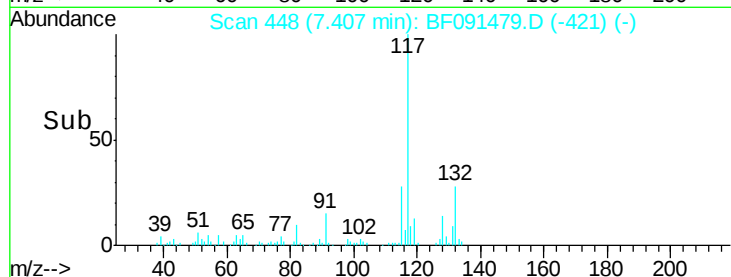
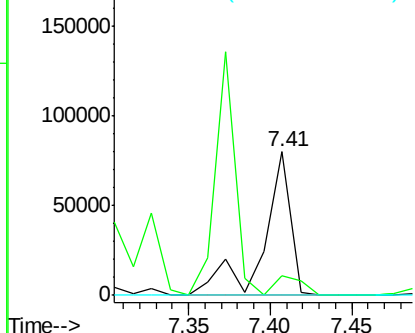
#18
Hexachloroethane
Concen: 22.34 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
MW-2A-120516

Tgt Ion:117 Resp: 92940
Ion Ratio Lower Upper
117 100
119 13.5 78.6 118.0#
201 0.0 86.7 130.1#

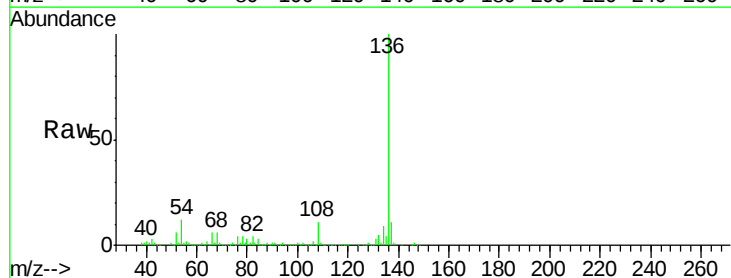


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

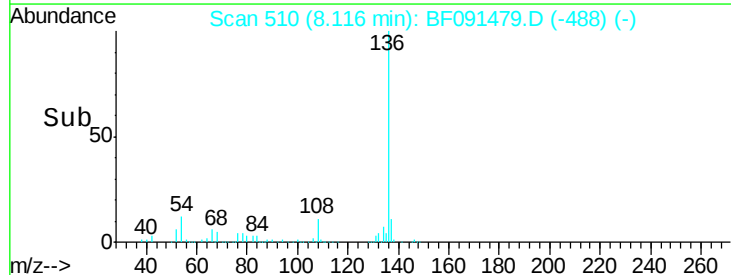
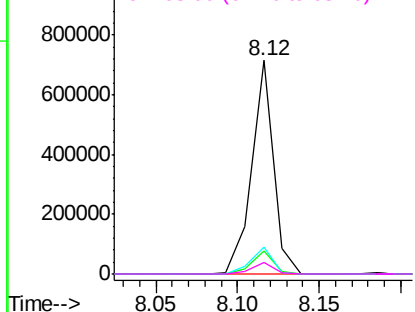


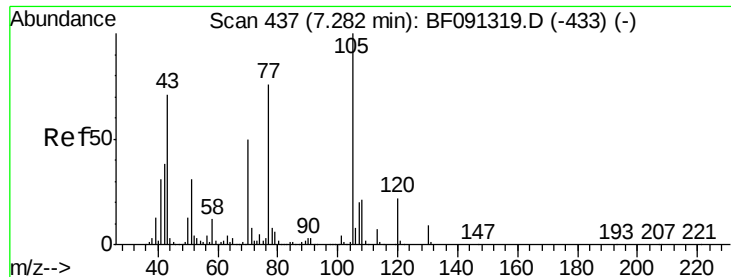
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Tgt Ion:136 Resp: 664067
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 12.3 9.1 13.7
68 5.6 5.9 8.9#



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

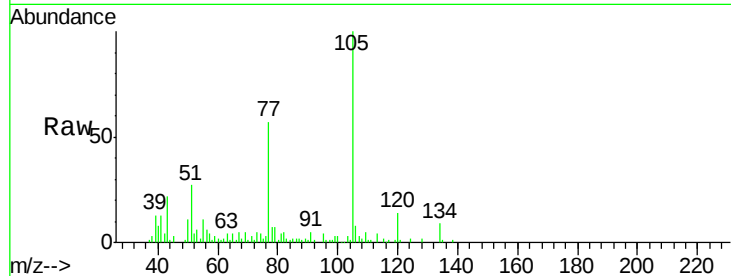




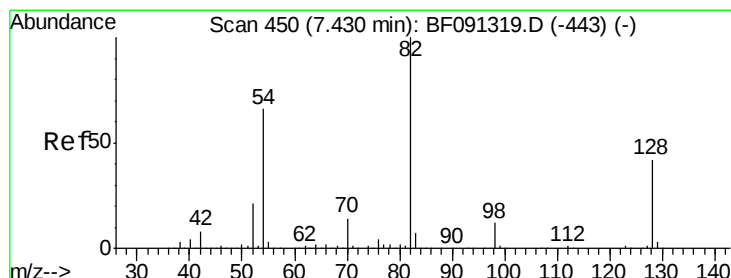
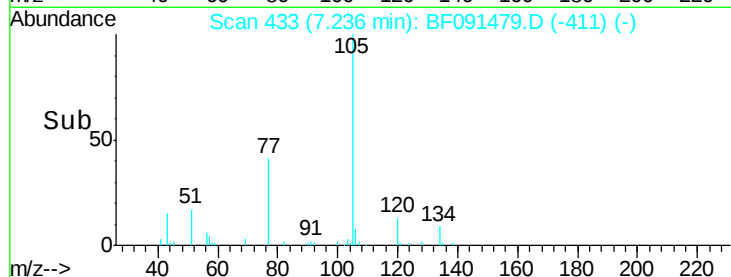
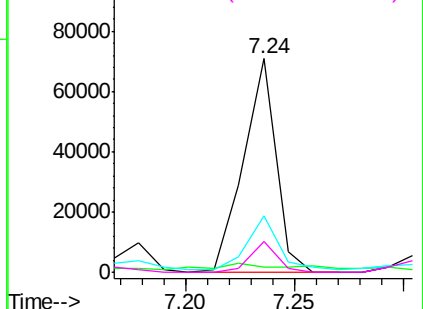
#22
Acetophenone
Concen: 4.69 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
MW-2A-120516

Tgt Ion: 105 Resp: 73780
Ion Ratio Lower Upper
105 100
71 2.6 7.9 11.9#
51 26.7 24.5 36.7
120 14.2 16.6 24.8#

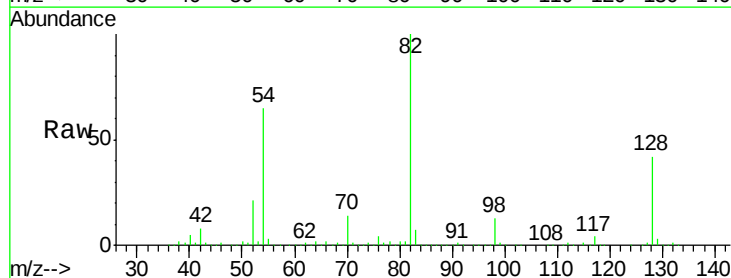


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

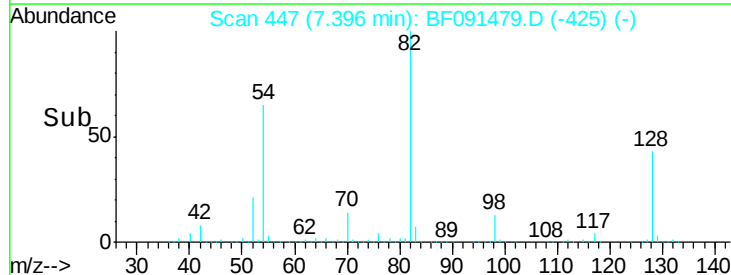
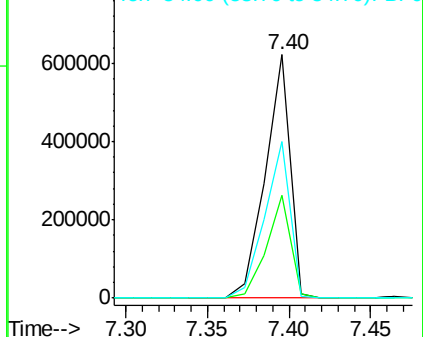


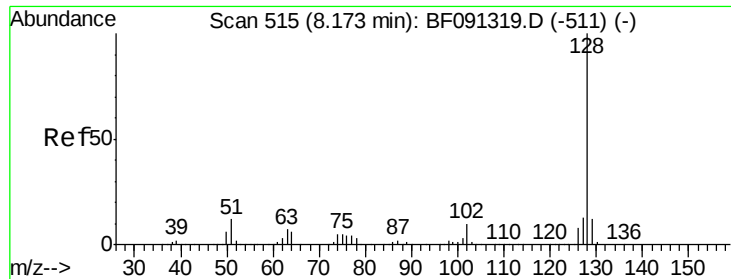
#23
Nitrobenzene-d5
Concen: 55.94 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.05 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Tgt Ion: 82 Resp: 662849
Ion Ratio Lower Upper
82 100
128 42.4 31.8 47.6
54 64.5 49.1 73.7



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

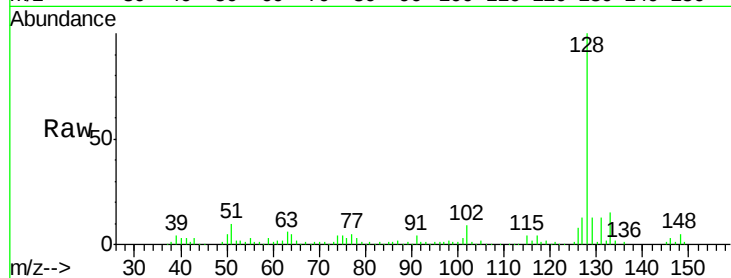




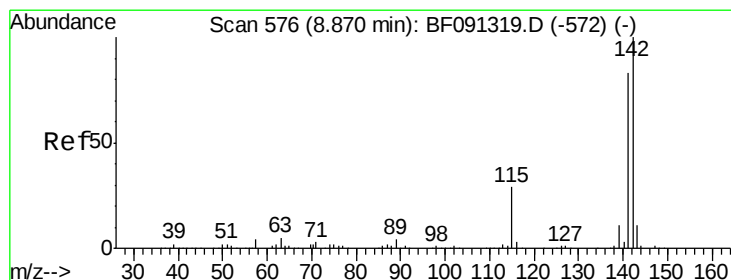
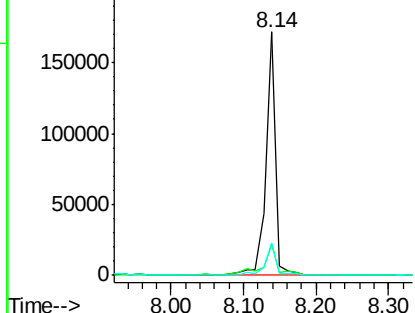
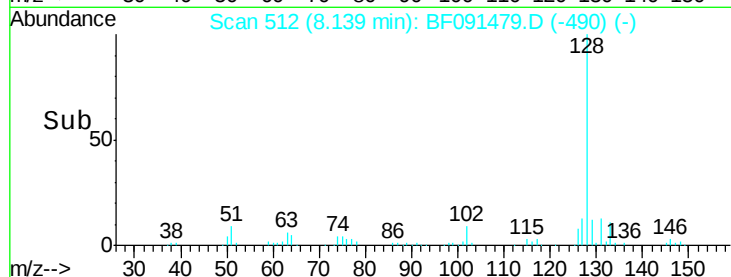
#31
Naphthalene
Concen: 5.26 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

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Tgt Ion:128 Resp: 165985
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 13.4 11.0 16.4

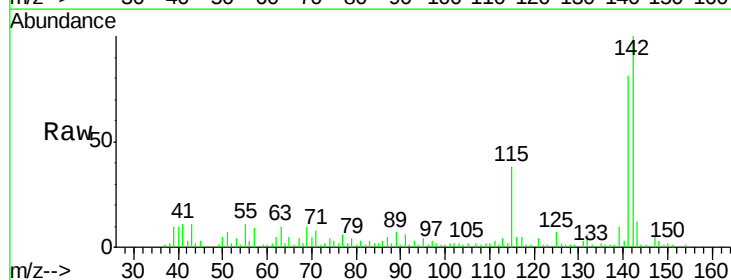


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

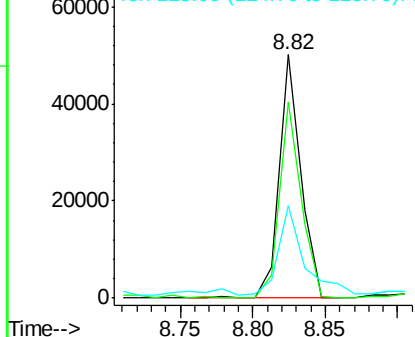
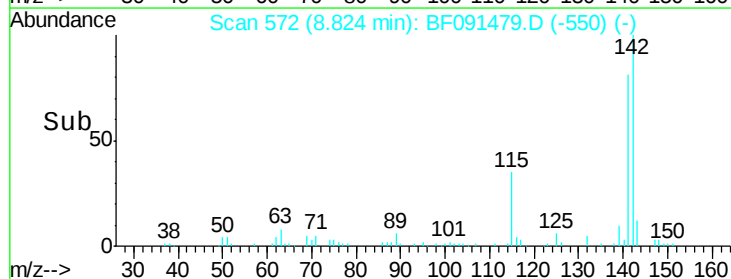


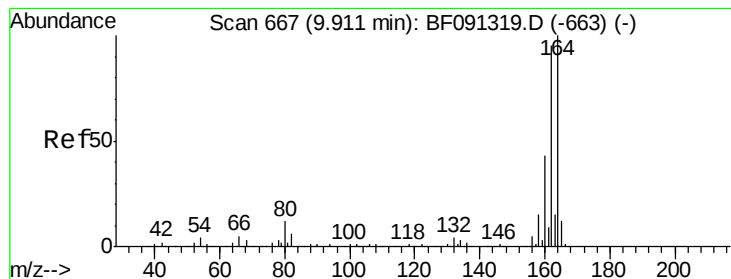
#37
2-Methylnaphthalene
Concen: 2.39 ng
RT: 8.82 min Scan# 572
Delta R.T. -0.05 min
Lab File: BF091479.D
Acq: 7 Dec 2016 19:47

Tgt Ion:142 Resp: 51326
Ion Ratio Lower Upper
142 100
141 80.6 71.7 107.5
115 38.1 25.0 37.6#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2A-120516

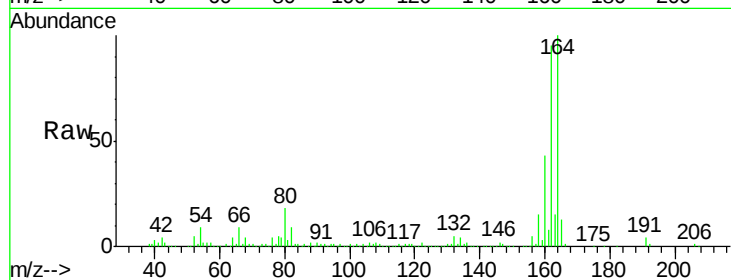
Tgt Ion:164 Resp: 362555

Ion Ratio Lower Upper

164 100

162 94.9 82.6 124.0

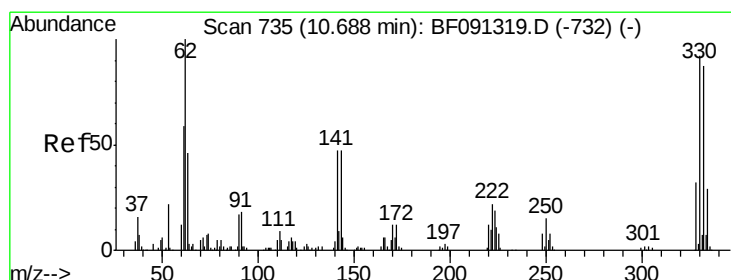
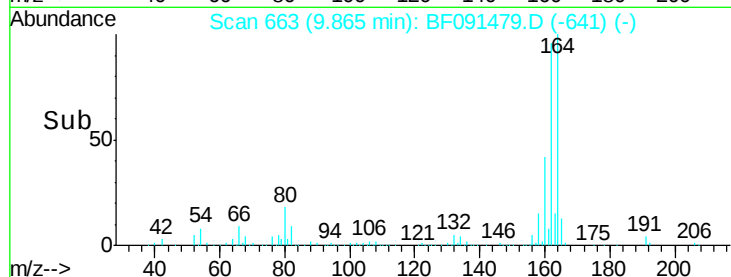
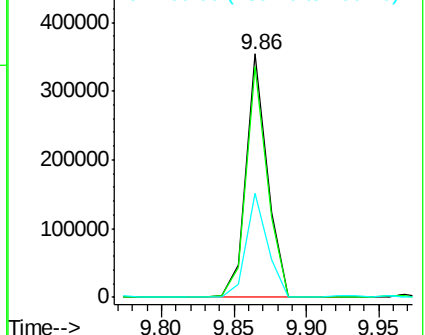
160 42.9 36.7 55.1



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: 80.25 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

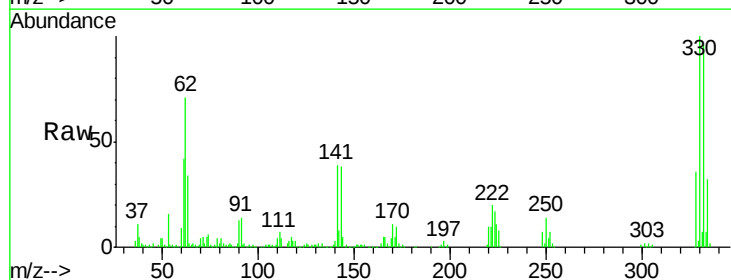
Tgt Ion:330 Resp: 275436

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

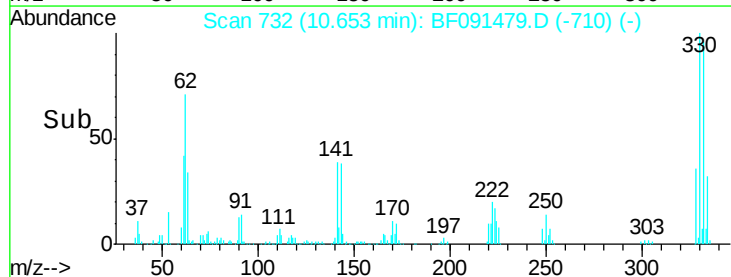
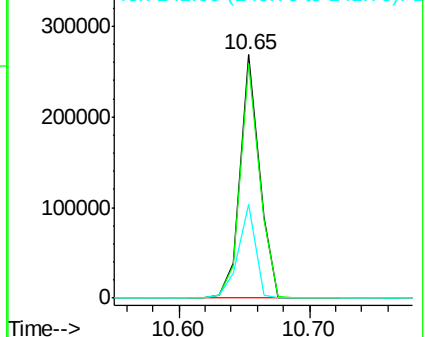
141 35.3 33.6 50.4

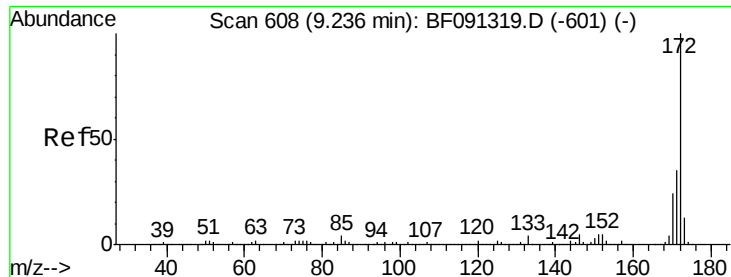


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

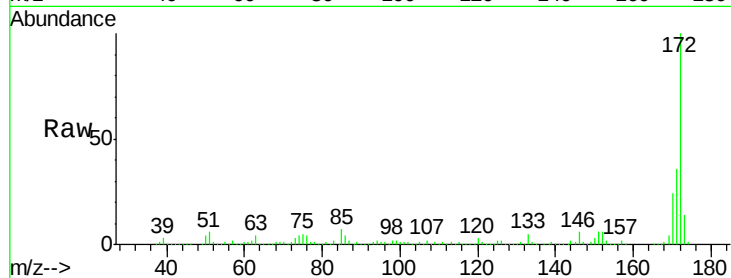




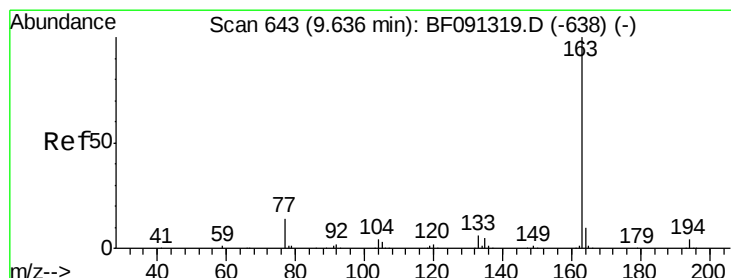
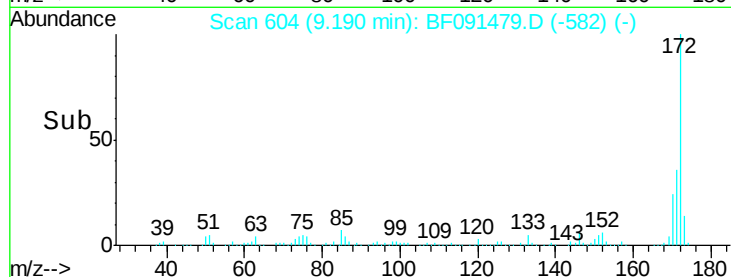
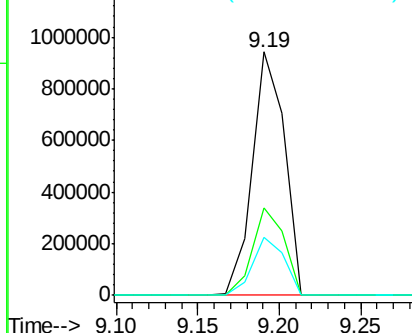
#44
 2-Fluorobiphenyl
 Concen: 64.34 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091479.D
 Acq: 7 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-120516

Tgt Ion:172 Resp: 1288377
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.8 19.7 29.5

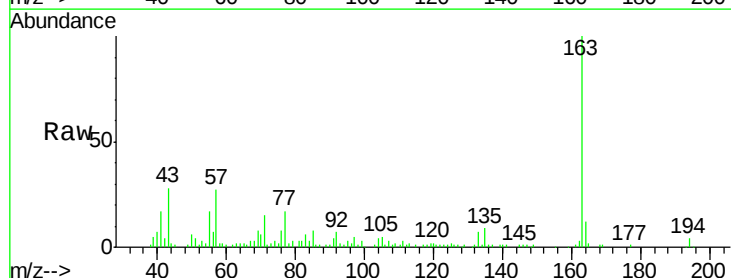


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

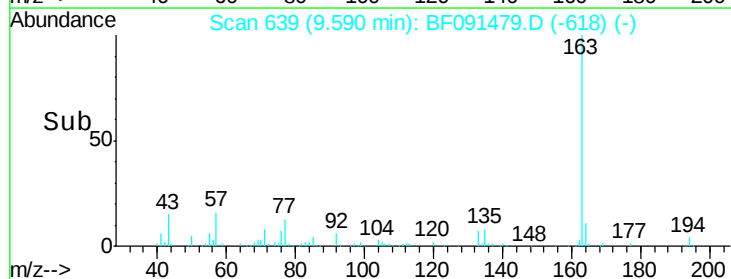
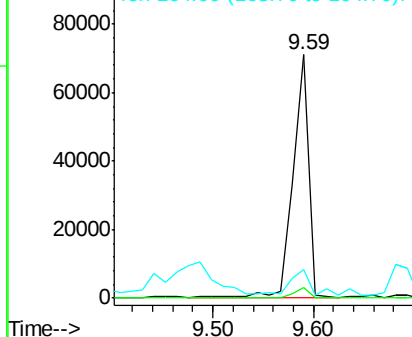


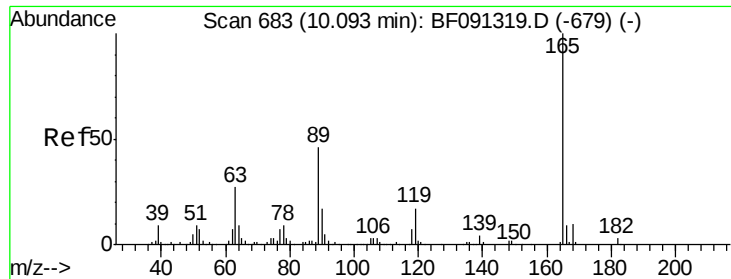
#49
 Dimethylphthalate
 Concen: 3.50 ng
 RT: 9.59 min Scan# 639
 Delta R.T. -0.06 min
 Lab File: BF091479.D
 Acq: 7 Dec 2016 19:47

Tgt Ion:163 Resp: 76863
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.0 4.4
 164 11.6 7.8 11.8



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

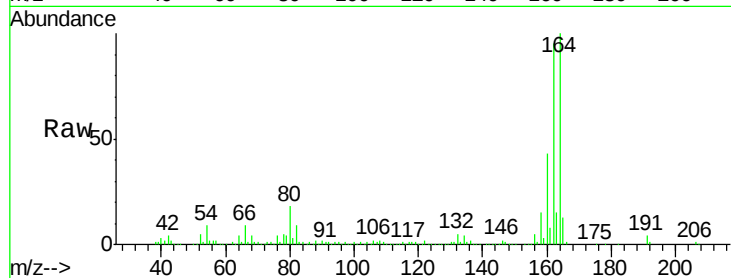




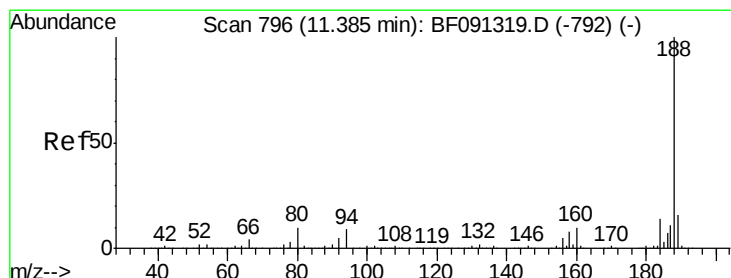
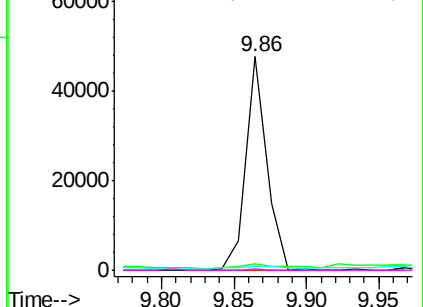
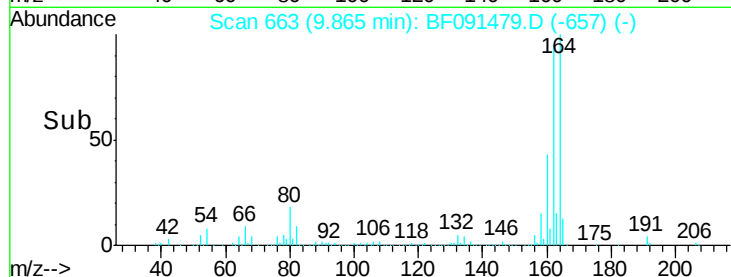
#56
 2,4-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.23 min
 Lab File: BF091479.D
 Acq: 7 Dec 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-120516

Tgt Ion:165 Resp: 47991
 Ion Ratio Lower Upper
 165 100
 63 3.0 29.0 43.4#
 89 2.0 43.1 64.7#
 182 0.7 1.9 2.9#

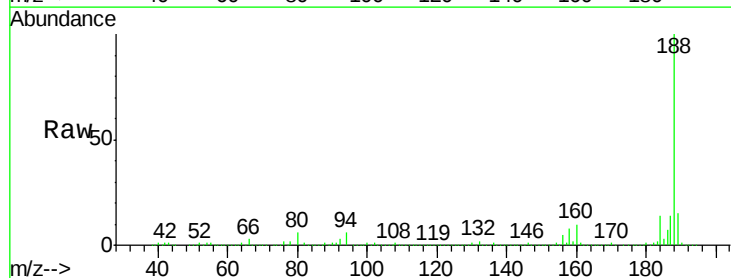


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

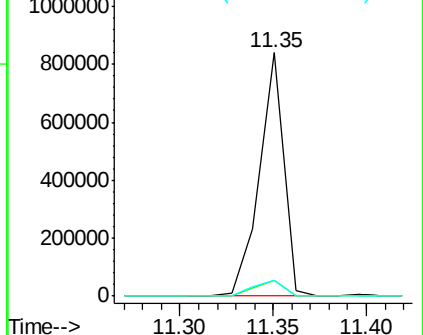
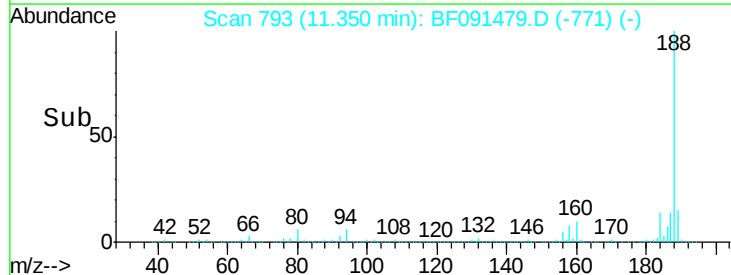


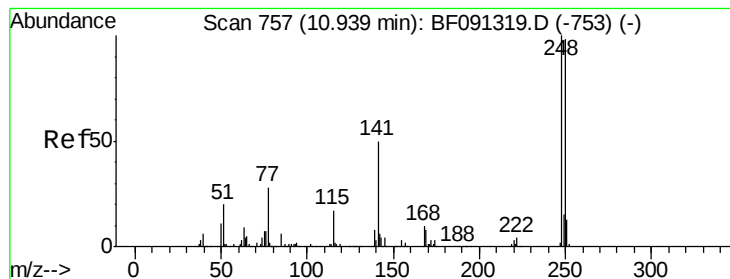
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF091479.D
 Acq: 7 Dec 2016 19:47

Tgt Ion:188 Resp: 755884
 Ion Ratio Lower Upper
 188 100
 94 6.2 9.2 13.8#
 80 6.4 10.5 15.7#



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: 2.05 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.30 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2A-120516

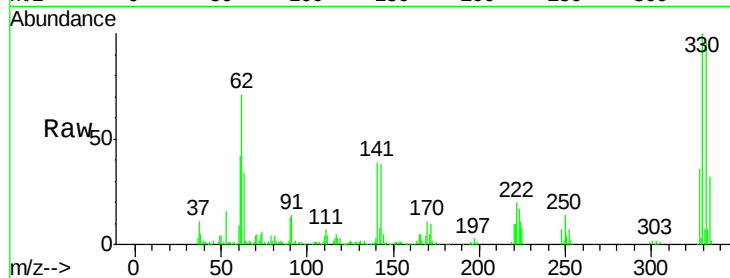
Tgt Ion:248 Resp: 16618

Ion Ratio Lower Upper

248 100

250 204.0 78.2 117.4#

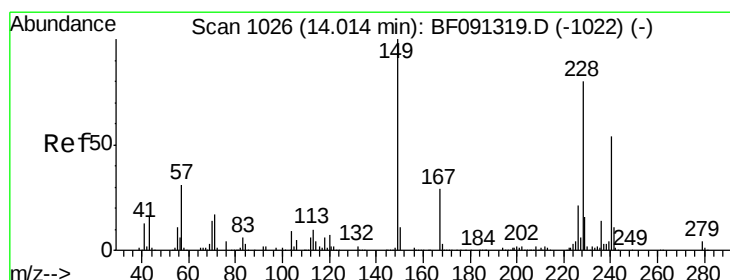
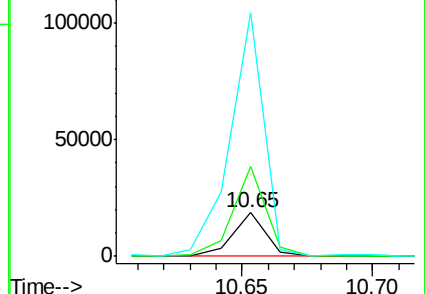
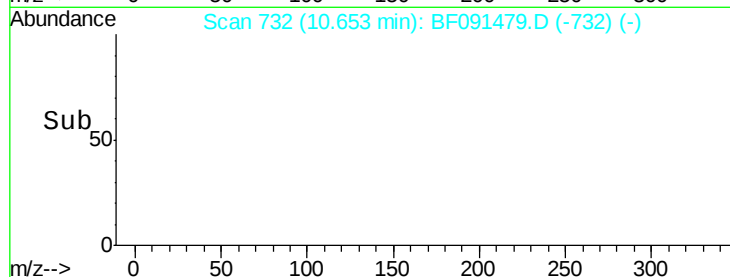
141 554.7 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

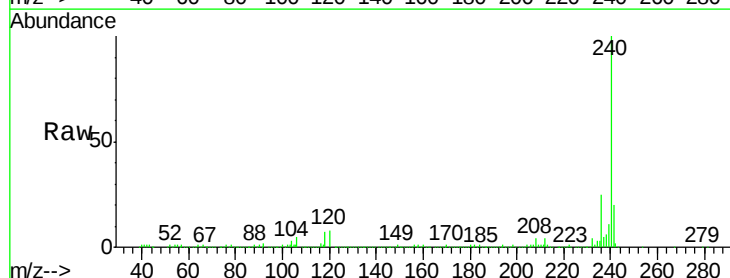
Tgt Ion:240 Resp: 492921

Ion Ratio Lower Upper

240 100

120 7.5 12.1 18.1#

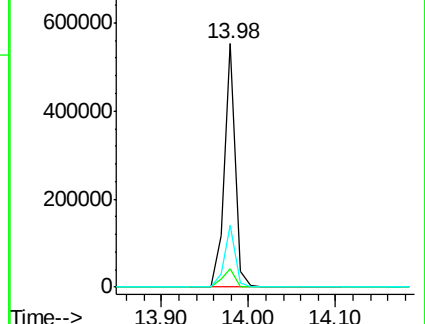
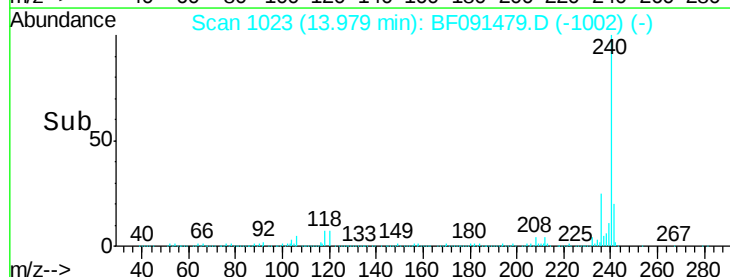
236 25.5 21.0 31.6

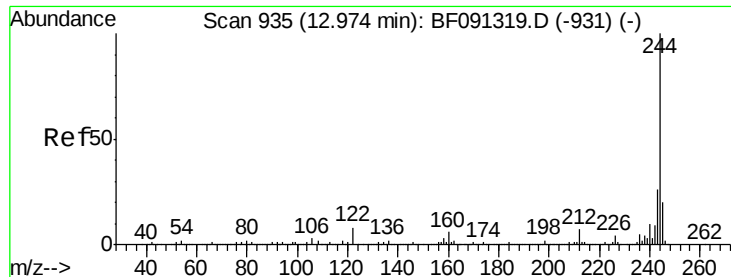


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.39 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2A-120516

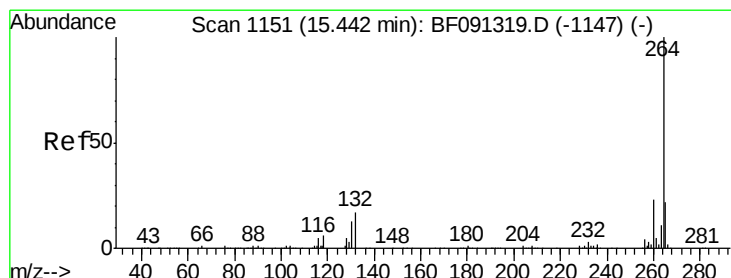
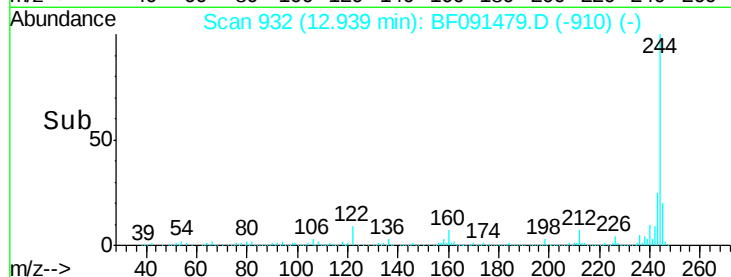
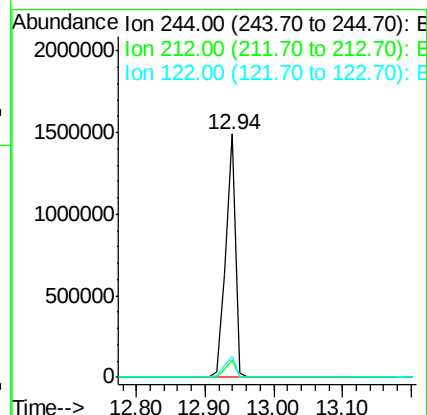
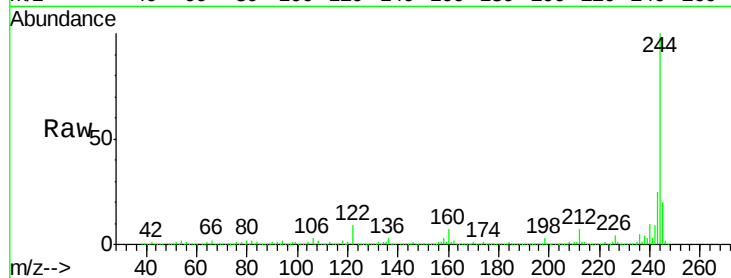
Tgt Ion:244 Resp: 1505617

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 8.7 9.5 14.3#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1147

Delta R.T. -0.07 min

Lab File: BF091479.D

Acq: 7 Dec 2016 19:47

Tgt Ion:264 Resp: 359035

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.4 17.0 25.6

