

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091016.D
 Acq On : 4 Nov 2016 10:20
 Operator : UM/SJ
 Sample : H5509-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-95-7.8-20.0

Quant Time: Nov 07 03:06:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

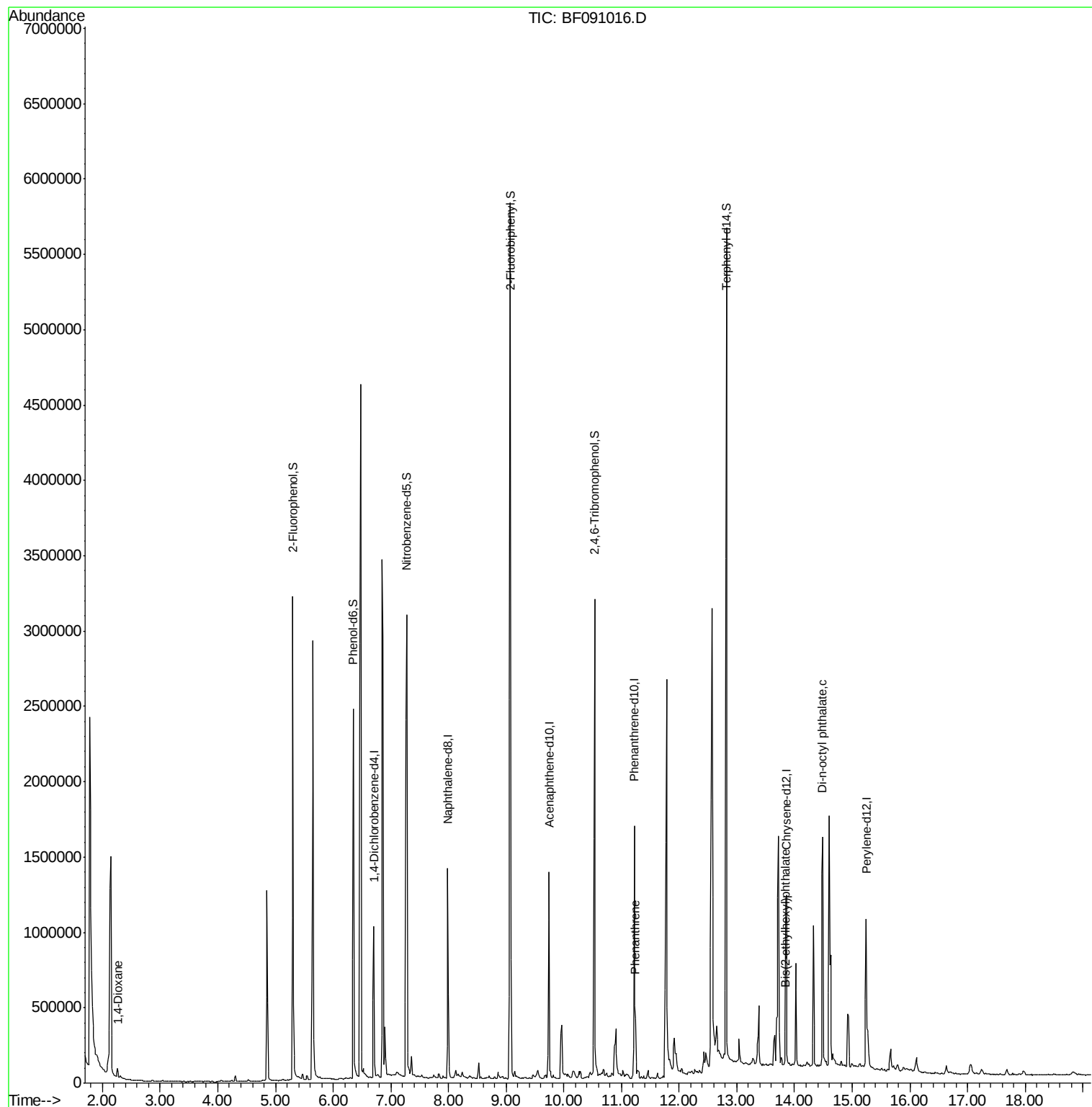
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	186014	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	737581	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	406671	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	634731	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	576068	20.00	ng	0.00
86) Perylene-d12	15.24	264	409643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	994584	88.31	ng	0.01
7) Phenol-d6	6.35	99	929435	60.80	ng	0.00
23) Nitrobenzene-d5	7.28	82	1559748	115.36	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	452575	123.10	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2202799	93.25	ng	0.00
78) Terphenyl-d14	12.82	244	2264290	98.09	ng	0.01
Target Compounds						
2) 1,4-Dioxane	2.26	88	28889	4.48	ng	Qvalue 89
70) Phenanthrene	11.24	178	141448	4.19	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	59915	2.45	ng	100
84) Di-n-octyl phthalate	14.49	149	201867	5.03	ng	# 53

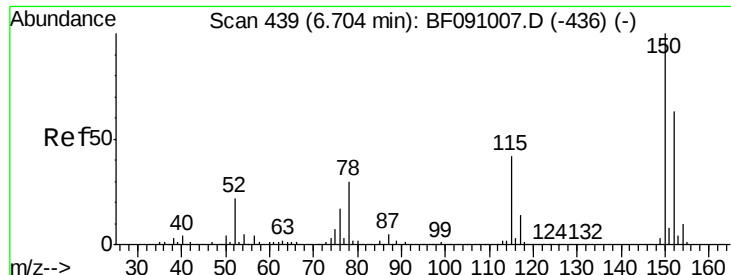
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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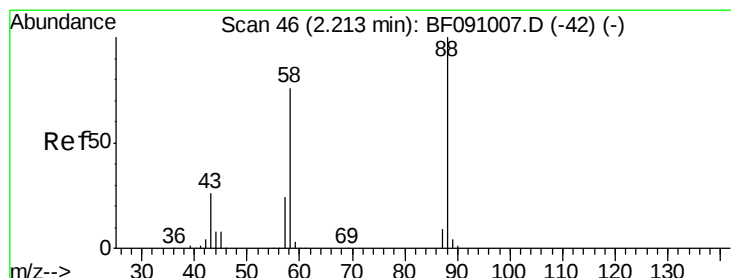
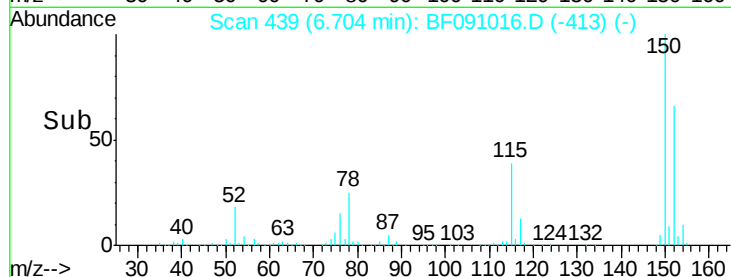
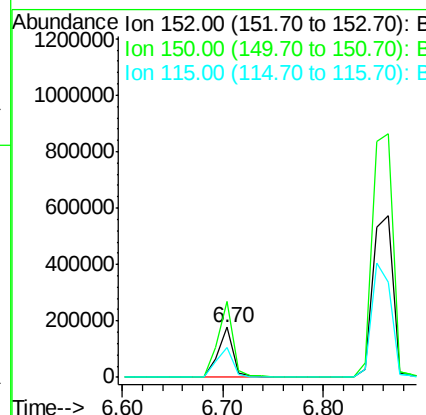
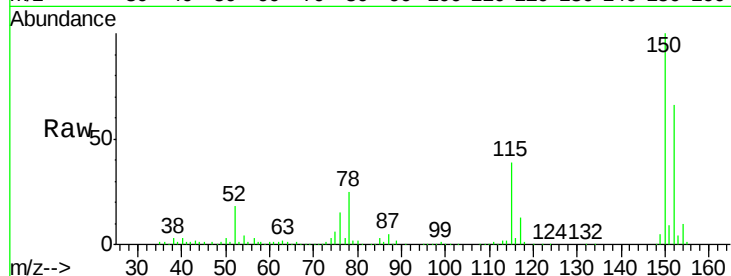




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF091016.D
 Acq: 4 Nov 2016 10:20

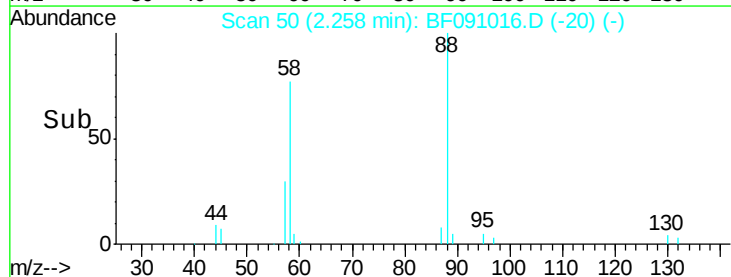
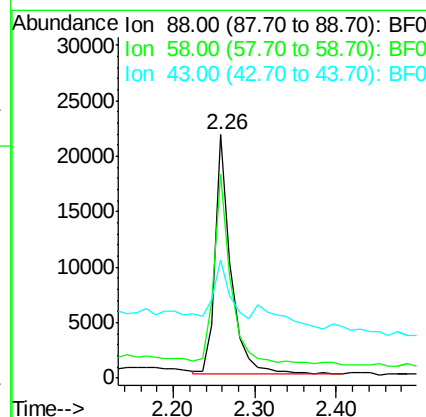
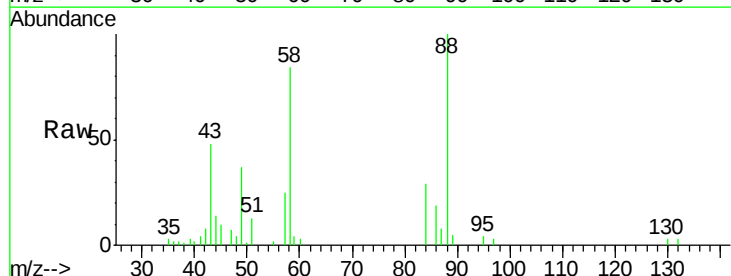
Instrument :
 BNA_F
 ClientSampleId :
 GW-95-7.8-20.0

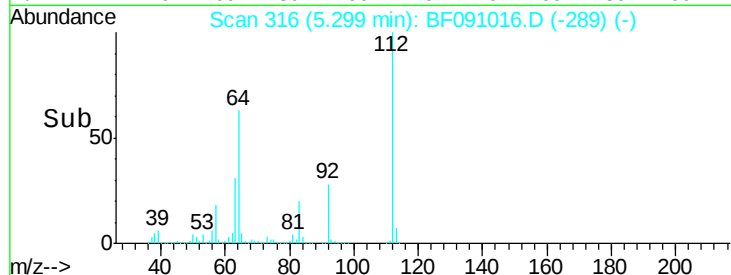
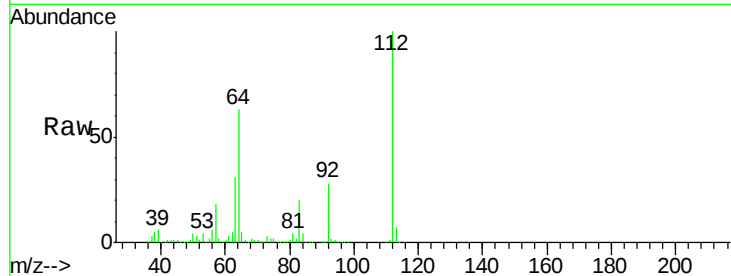
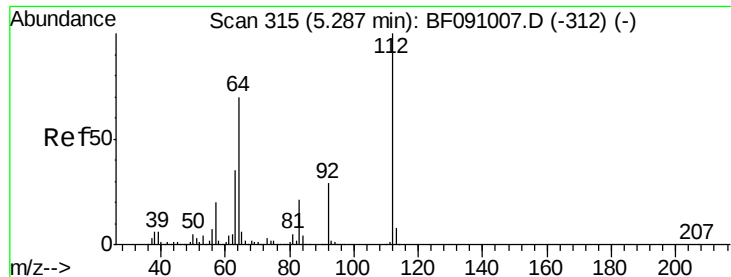
Tgt Ion:152 Resp: 186014
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.8 190.2
 115 59.4 53.3 79.9



#2
 1,4-Dioxane
 Concen: 4.48 ng
 RT: 2.26 min Scan# 50
 Delta R.T. 0.05 min
 Lab File: BF091016.D
 Acq: 4 Nov 2016 10:20

Tgt Ion: 88 Resp: 28889
 Ion Ratio Lower Upper
 88 100
 58 90.4 63.8 95.6
 43 24.0 22.6 33.8

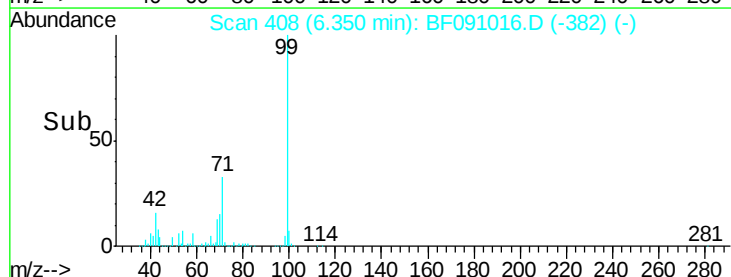
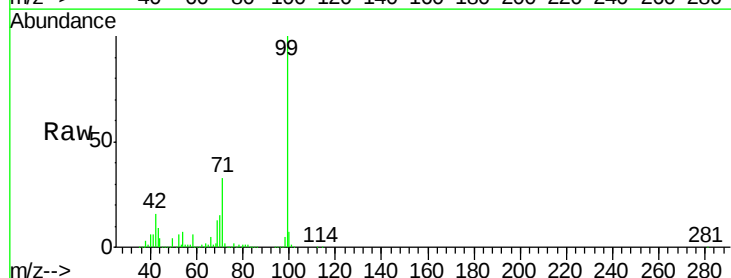
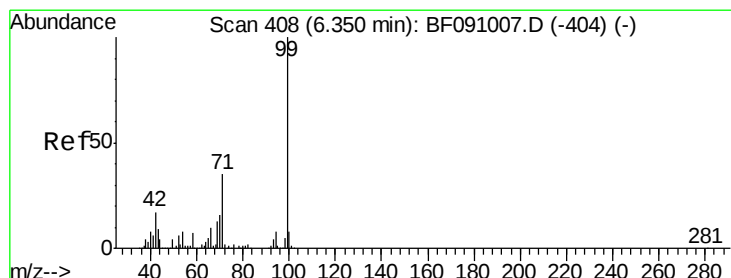
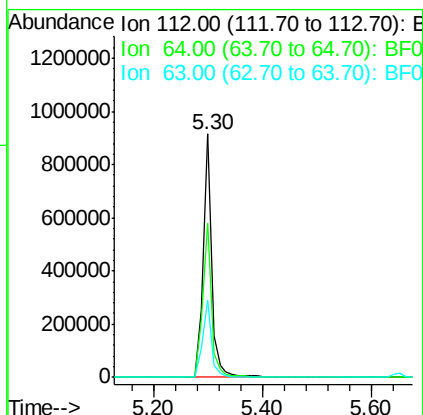




#5
2-Fluorophenol
Concen: 88.31 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF091016.D
Acq: 4 Nov 2016 10:20

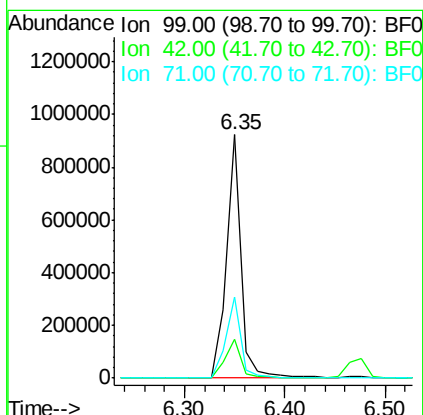
Instrument :
BNA_F
ClientSampleId :
GW-95-7.8-20.0

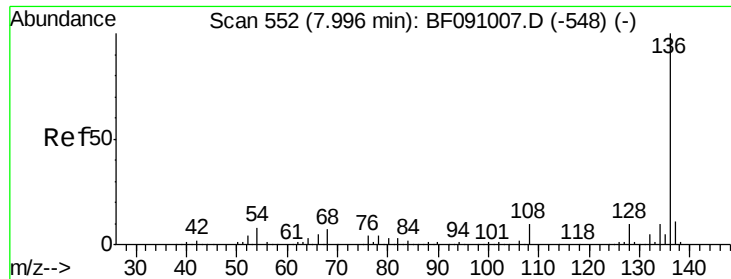
Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	55.8	83.6
63	31.5	28.0	42.0



#7
Phenol-d6
Concen: 60.80 ng
RT: 6.35 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091016.D
Acq: 4 Nov 2016 10:20

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.9	20.9
71	33.1	27.8	41.8

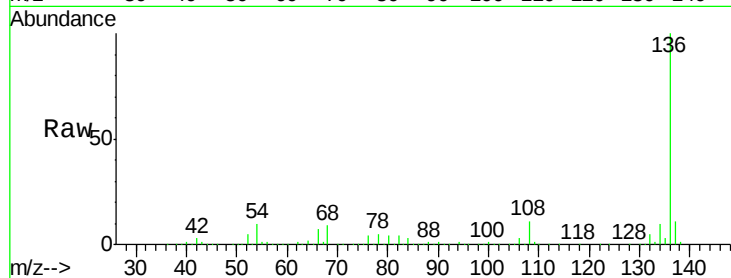




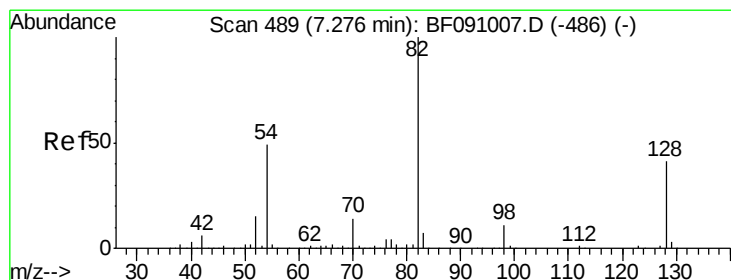
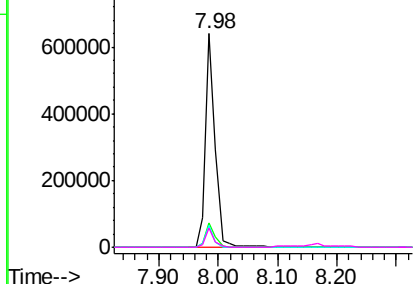
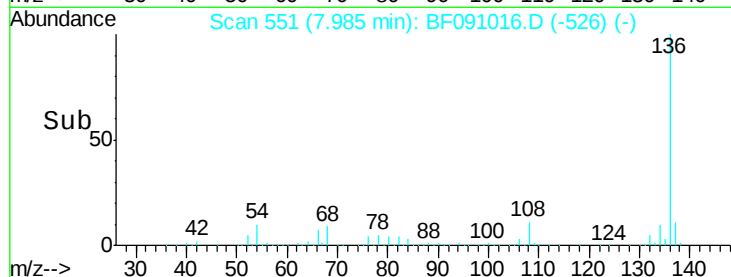
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091016.D
Acq: 4 Nov 2016 10:20

Instrument :
BNA_F
ClientSampleId :
GW-95-7.8-20.0

Tgt Ion:	136	Resp:	737581
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.3	6.2	9.2#
68	9.0	5.5	8.3#

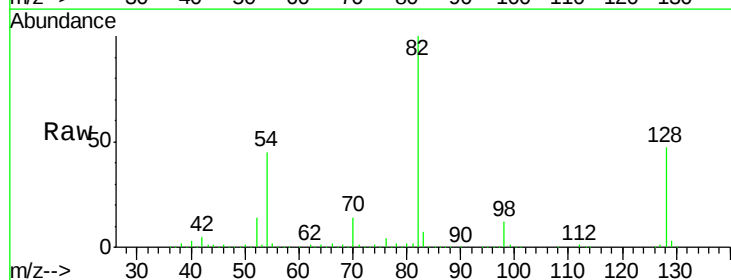


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

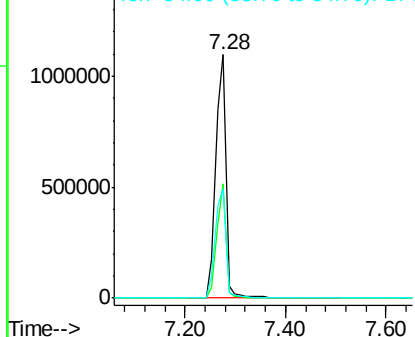
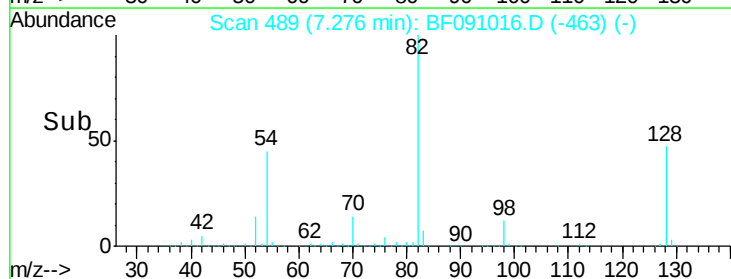


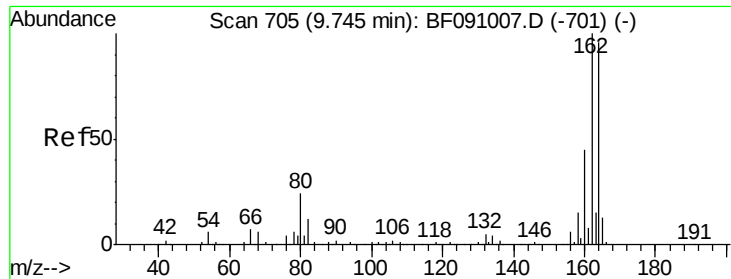
#23
Nitrobenzene-d5
Concen: 115.36 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091016.D
Acq: 4 Nov 2016 10:20

Tgt Ion:	82	Resp:	1559748
Ion	Ratio	Lower	Upper
82	100		
128	46.8	32.4	48.6
54	45.0	39.2	58.8



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: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF091016.D

Acq: 4 Nov 2016 10:20

Instrument :

BNA_F

ClientSampleId :

GW-95-7.8-20.0

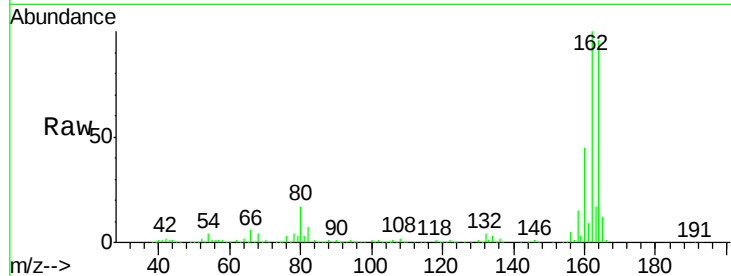
Tgt Ion:164 Resp: 406671

Ion Ratio Lower Upper

164 100

162 104.6 83.6 125.4

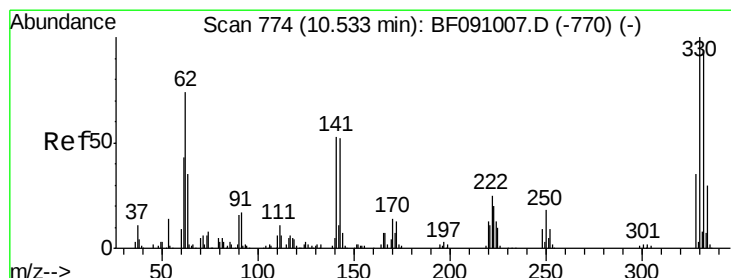
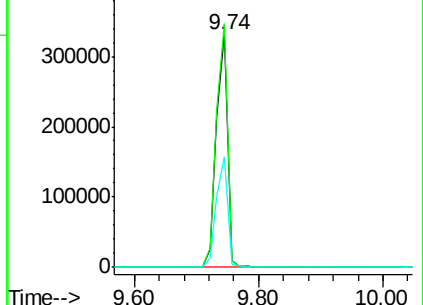
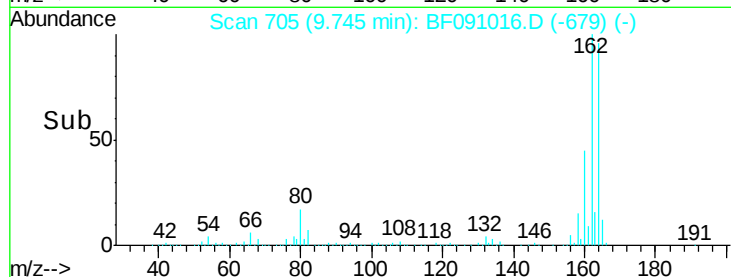
160 47.2 37.9 56.9



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: 123.10 ng

RT: 10.53 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF091016.D

Acq: 4 Nov 2016 10:20

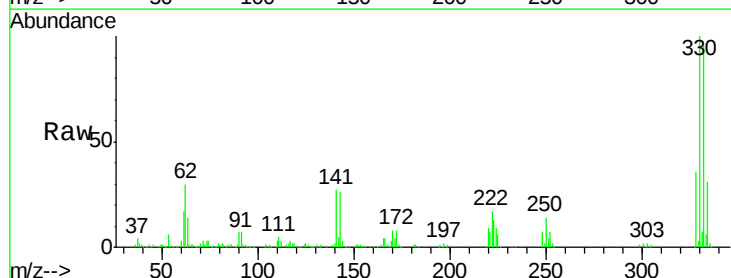
Tgt Ion:330 Resp: 452575

Ion Ratio Lower Upper

330 100

332 95.6 75.9 113.9

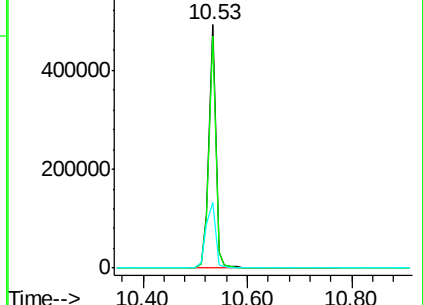
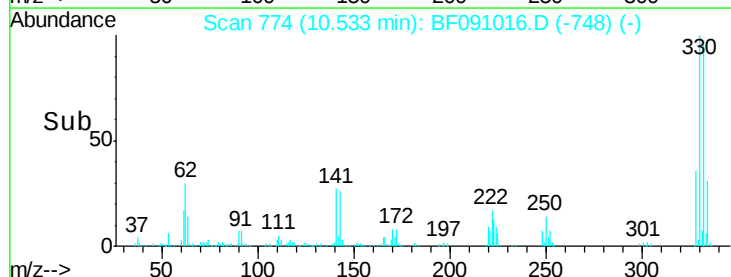
141 37.5 36.1 54.1

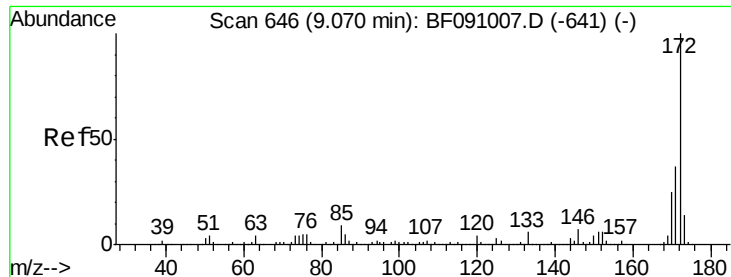


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

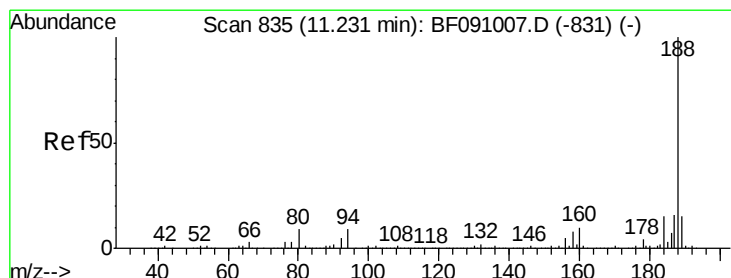
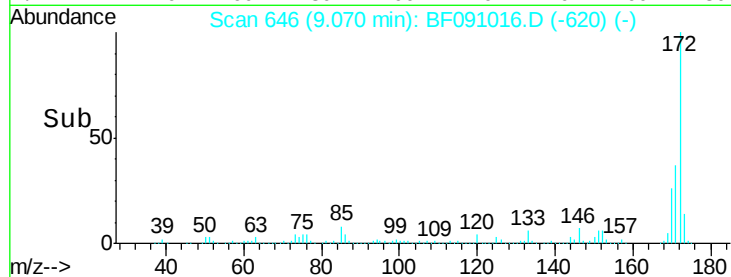
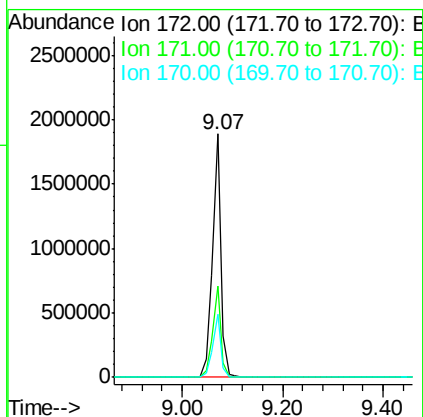
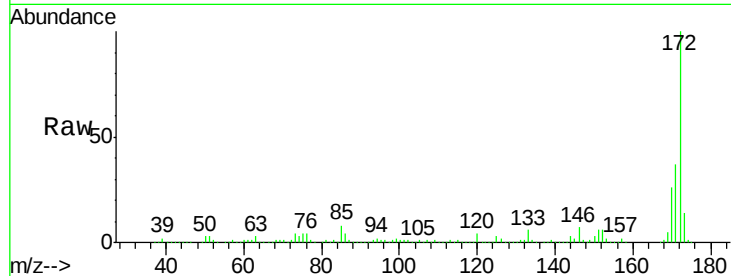




#44
 2-Fluorobiphenyl
 Concen: 93.25 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091016.D
 Acq: 4 Nov 2016 10:20

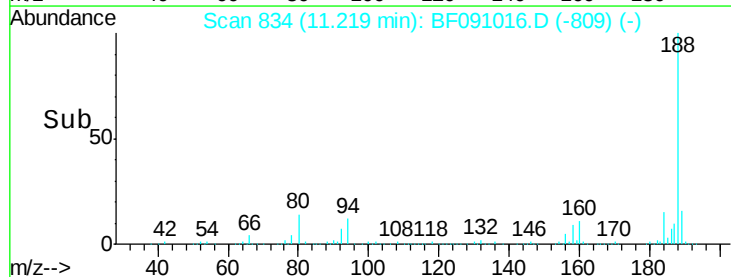
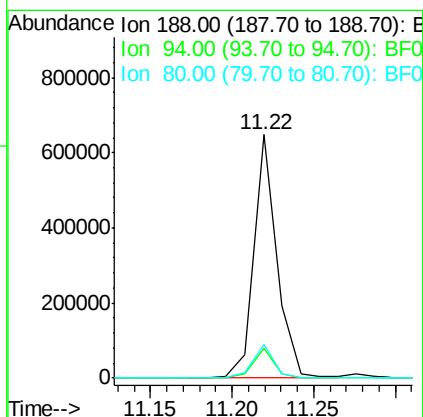
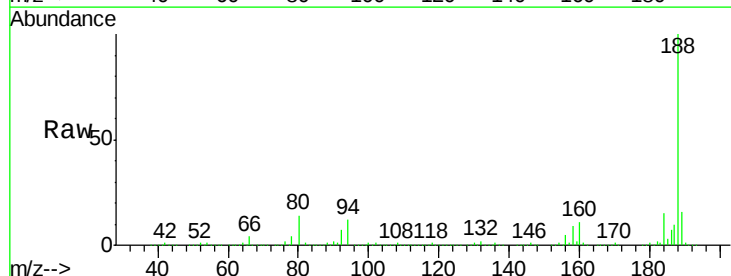
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 GW-95-7.8-20.0

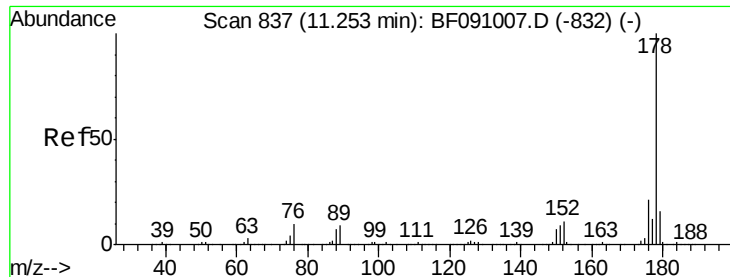
Tgt Ion:172 Resp: 2202799
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.9 20.3 30.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF091016.D
 Acq: 4 Nov 2016 10:20

Tgt Ion:188 Resp: 634731
 Ion Ratio Lower Upper
 188 100
 94 12.1 7.0 10.4#
 80 13.7 7.5 11.3#

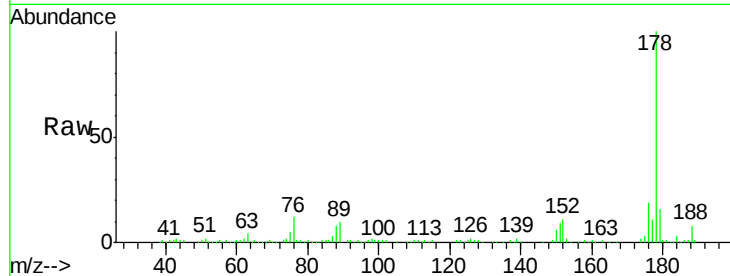




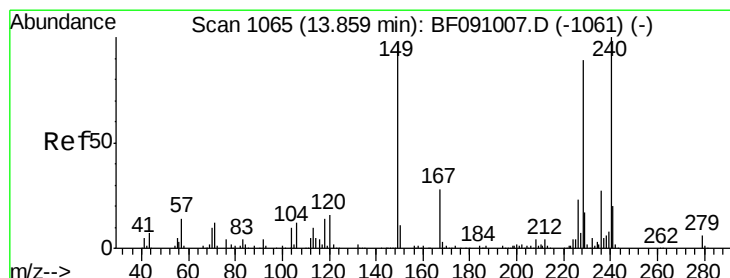
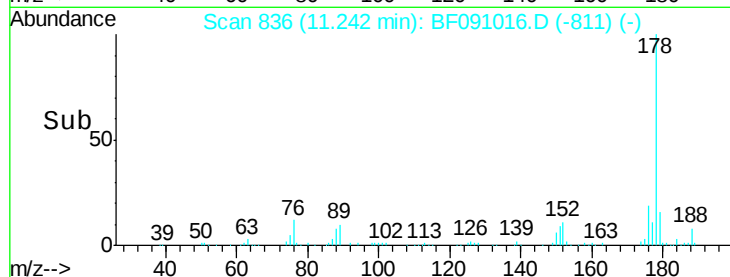
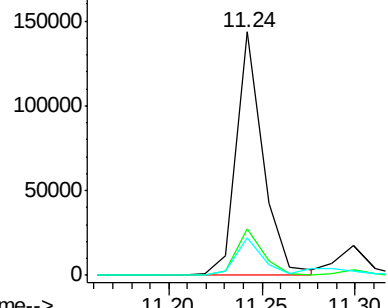
#70
Phenanthrene
Concen: 4.19 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091016.D
Acq: 4 Nov 2016 10:20

Instrument :
BNA_F
ClientSampleId :
GW-95-7.8-20.0

Tgt Ion:178 Resp: 141448
Ion Ratio Lower Upper
178 100
176 19.4 16.6 25.0
179 15.6 12.9 19.3

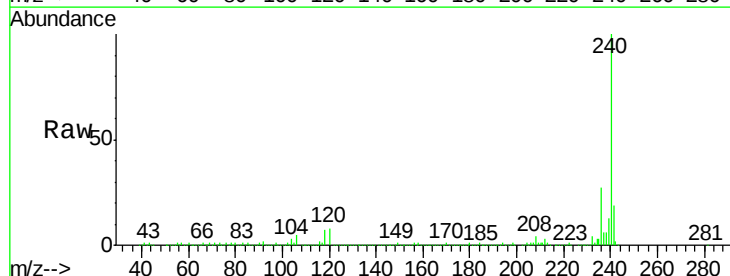


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

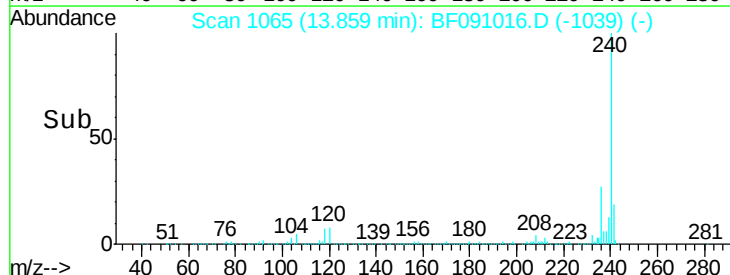
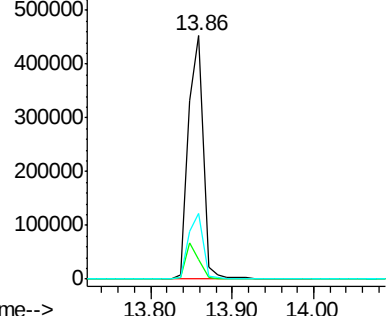


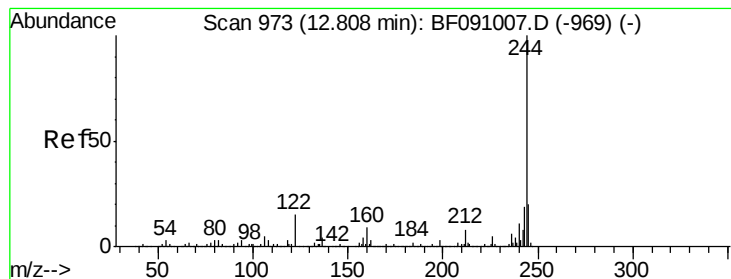
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091016.D
Acq: 4 Nov 2016 10:20

Tgt Ion:240 Resp: 576068
Ion Ratio Lower Upper
240 100
120 7.9 12.9 19.3#
236 26.8 21.9 32.9



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: 98.09 ng

RT: 12.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091016.D

Acq: 4 Nov 2016 10:20

Instrument :

BNA_F

ClientSampleId :

GW-95-7.8-20.0

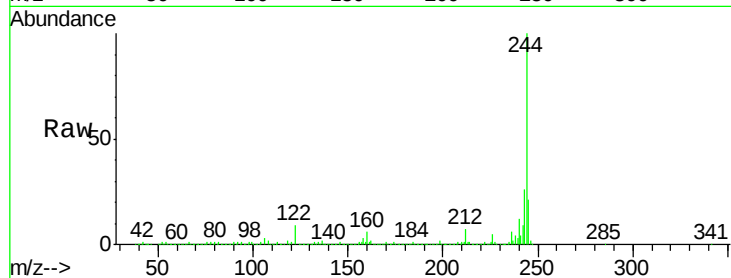
Tgt Ion:244 Resp: 2264290

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

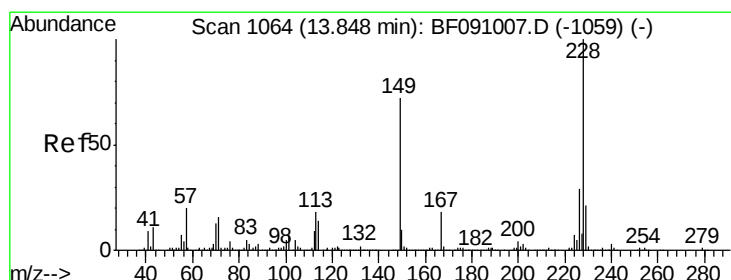
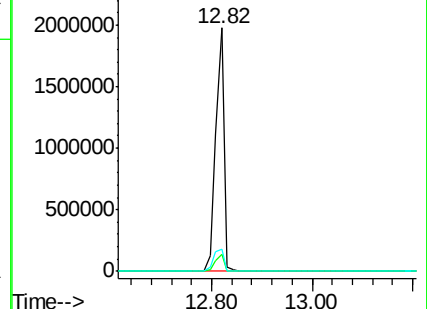
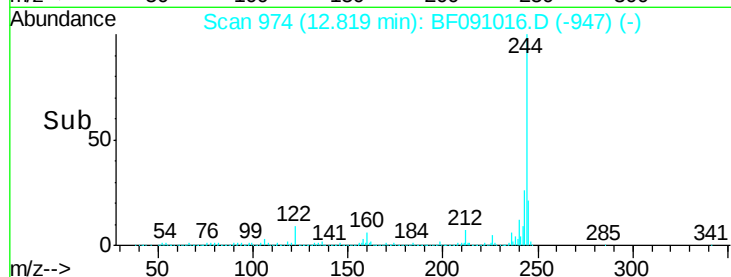
122 8.9 12.3 18.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.45 ng

RT: 13.84 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF091016.D

Acq: 4 Nov 2016 10:20

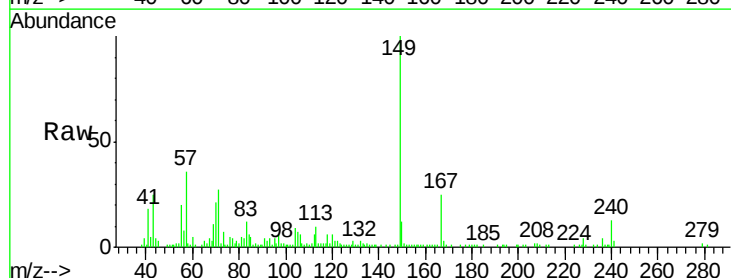
Tgt Ion:149 Resp: 59915

Ion Ratio Lower Upper

149 100

167 25.4 20.4 30.6

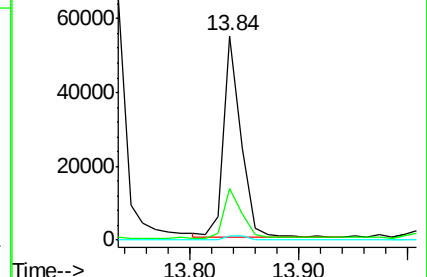
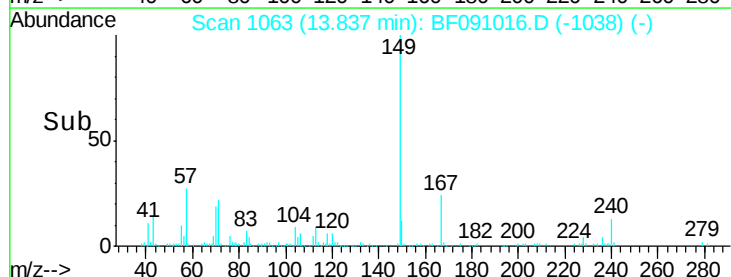
279 2.2 1.6 2.4

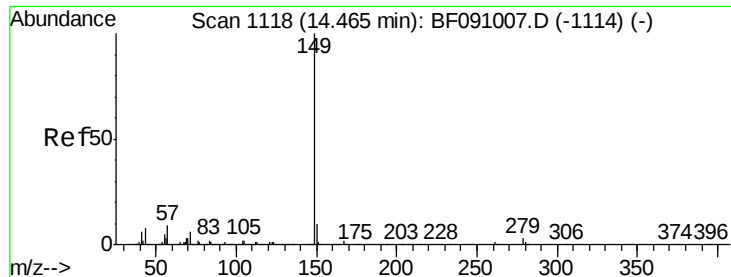


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 5.03 ng

RT: 14.49 min Scan# 1120

Delta R.T. 0.02 min

Lab File: BF091016.D

Acq: 4 Nov 2016 10:20

Instrument :

BNA_F

ClientSampleId :

GW-95-7.8-20.0

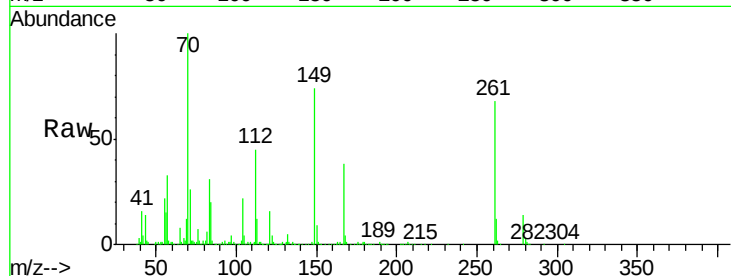
Tgt Ion:149 Resp: 201867

Ion Ratio Lower Upper

149 100

167 48.7 1.2 1.8#

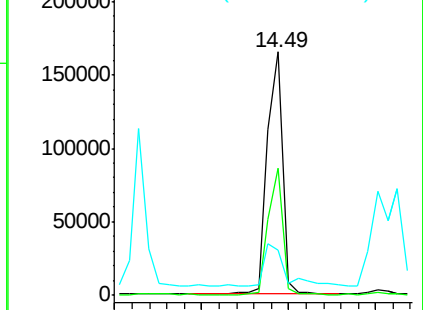
43 23.6 8.2 12.4#



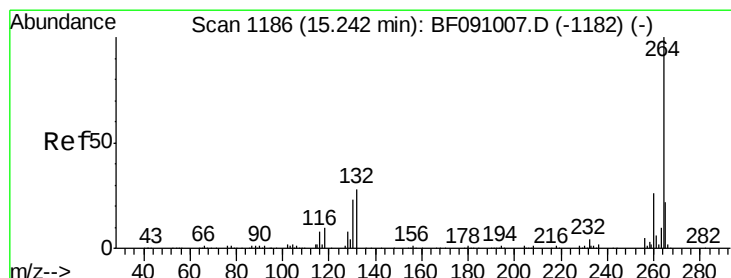
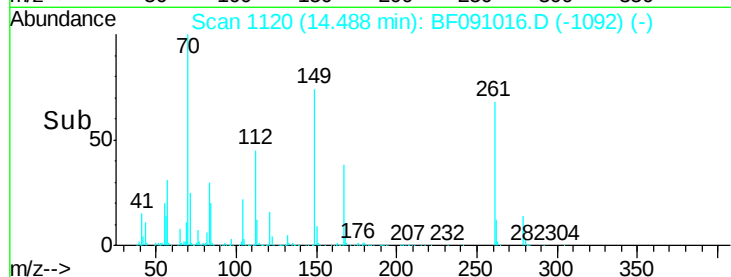
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time--> 14.30 14.40 14.50 14.60



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.24 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF091016.D

Acq: 4 Nov 2016 10:20

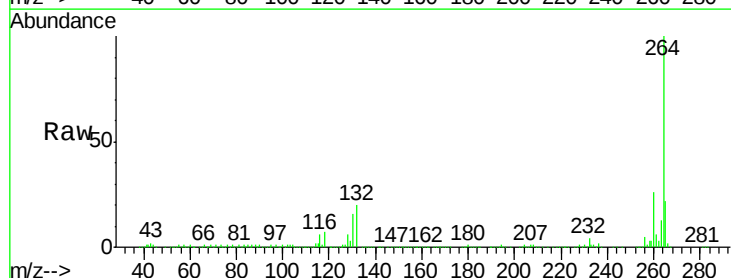
Tgt Ion:264 Resp: 409643

Ion Ratio Lower Upper

264 100

260 25.7 20.6 30.8

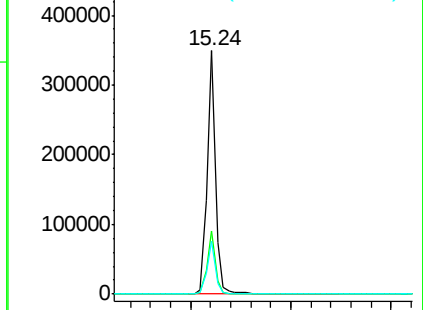
265 21.9 17.8 26.8



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--> 15.20 15.40

