

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079127.D
 Acq On : 11 May 2015 20:39
 Operator : TP/IZ
 Sample : G2146-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Manual Integrations
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Quant Time: May 12 03:42:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	58922	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	251367	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	134776	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	256596	20.00	ng	-0.01
75) Chrysene-d12	16.18	240	274737	20.00	ng	-0.05
86) Perylene-d12	17.89	264	287942	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	194076	56.70	ng	0.01
7) Phenol-d6	6.86	99	149245	32.99	ng	0.00
23) Nitrobenzene-d5	7.99	82	370638	84.74	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	197019	135.13	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	764700	79.05	ng	-0.01
78) Terphenyl-d14	14.89	244	919984	80.17	ng	-0.01
Target Compounds						
51) Acenaphthene	11.08	154	20942	2.56	ng	Qvalue 98
54) Dibenzofuran	11.30	168	31021	2.62	ng	# 91
57) Fluorene	11.72	166	46400	4.78	ng	# 95
70) Phenanthrene	12.93	178	44835	3.12	ng	98

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

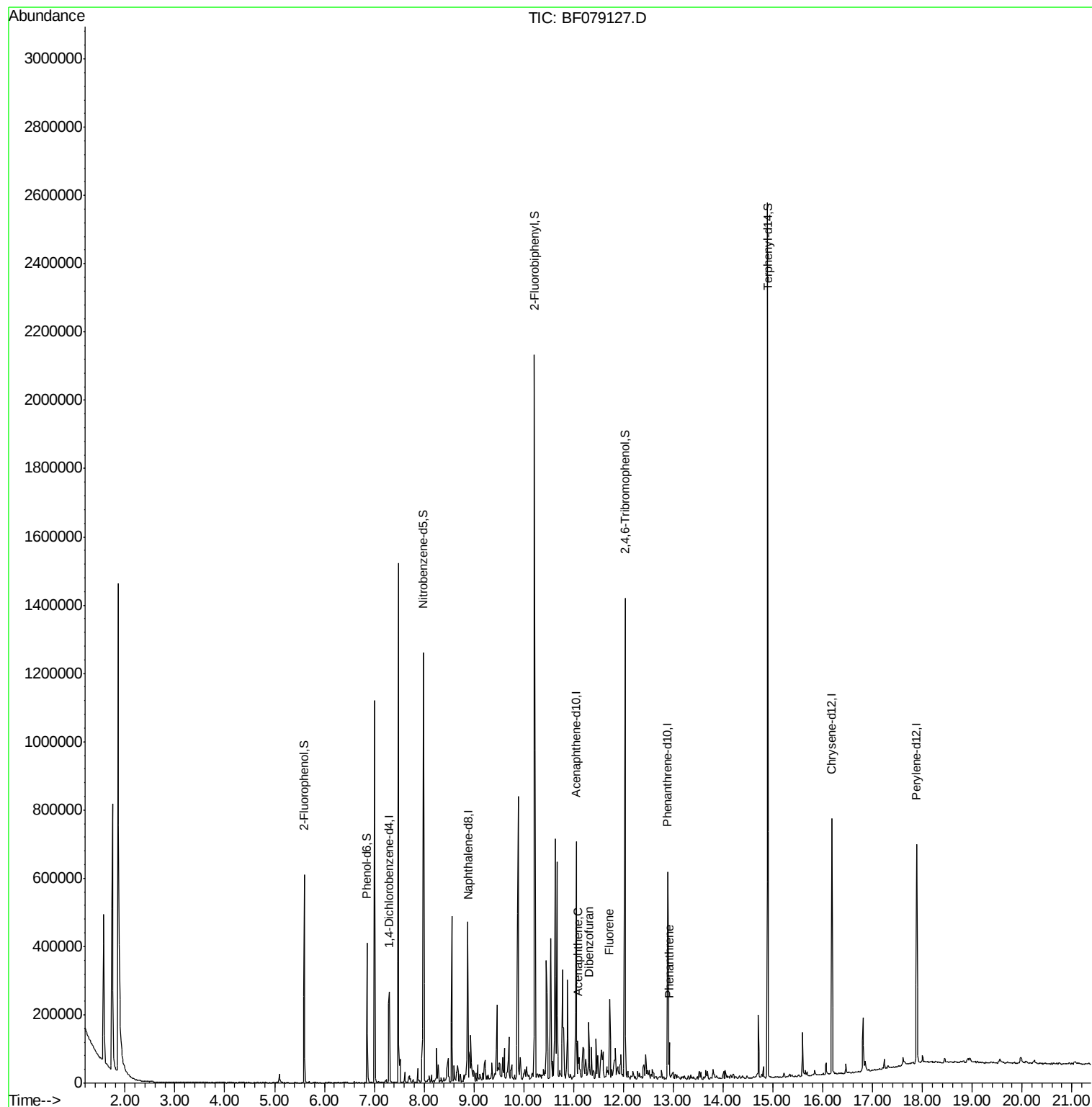
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079127.D
Acq On : 11 May 2015 20:39
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#1

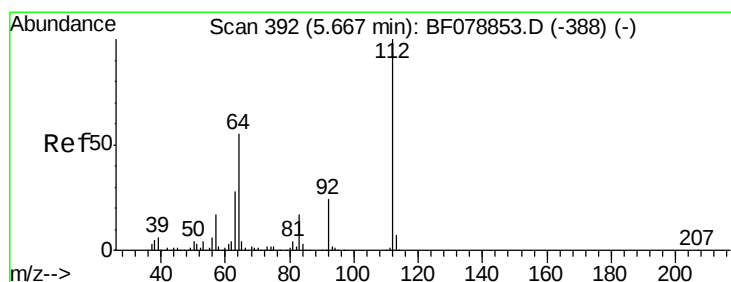
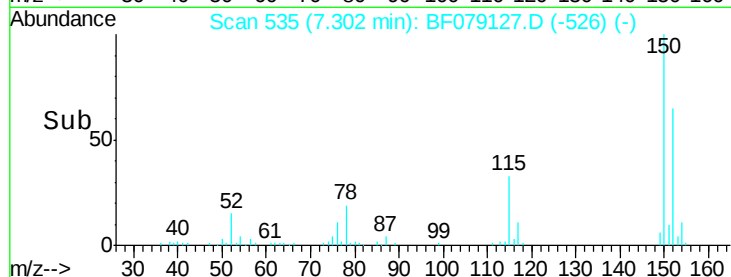
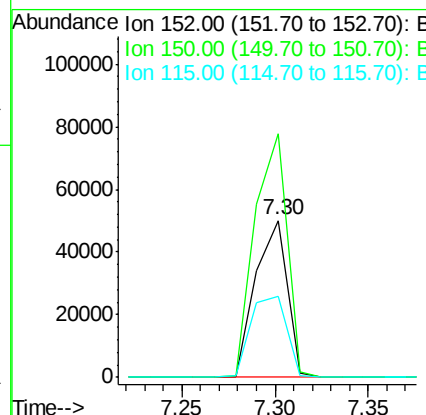
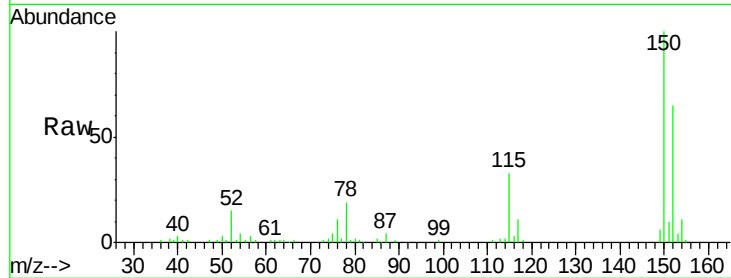
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079127.D
Acq: 11 May 2015 20:39

Instrument :
BNA_F
ClientSampled :
MW-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.0	183.0
115	51.4	46.3	69.5

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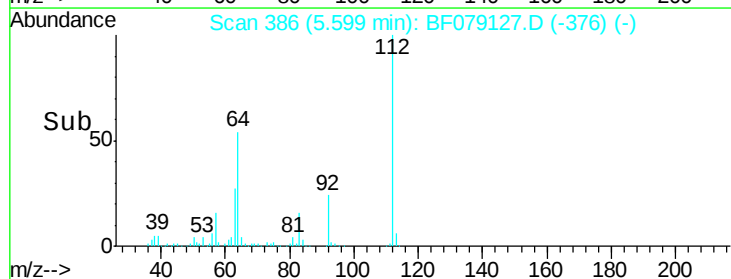
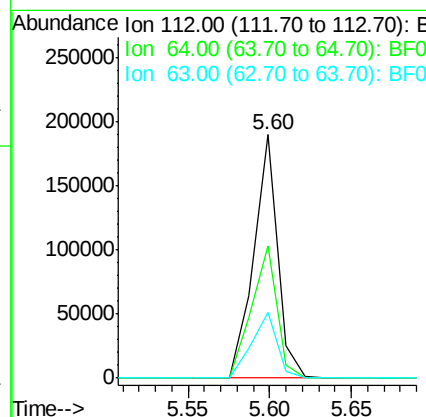
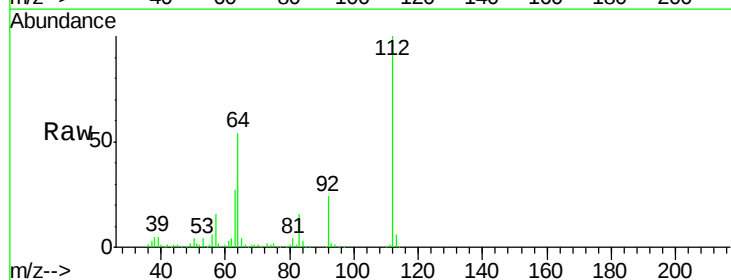
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#5

2-Fluorophenol
Concen: 56.70 ng
RT: 5.60 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF079127.D
Acq: 11 May 2015 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	53.5	80.3
63	27.2	27.5	41.3#





#7

Phenol-d6

Concen: 32.99 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

Instrument :

BNA_F

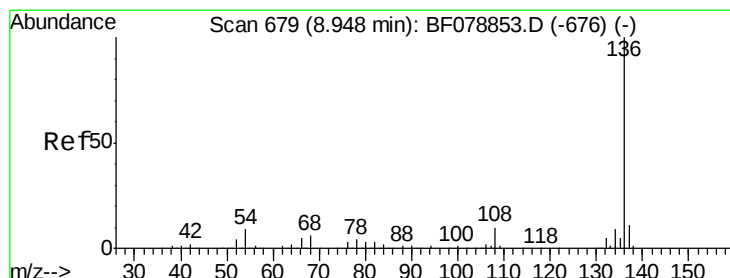
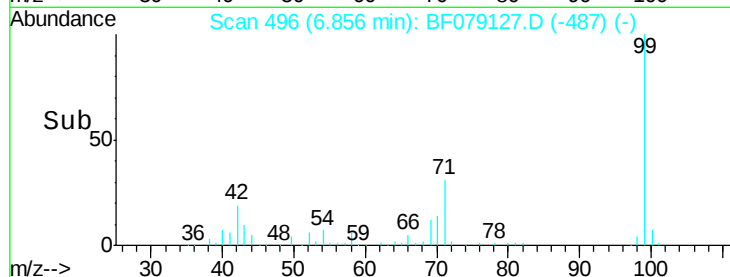
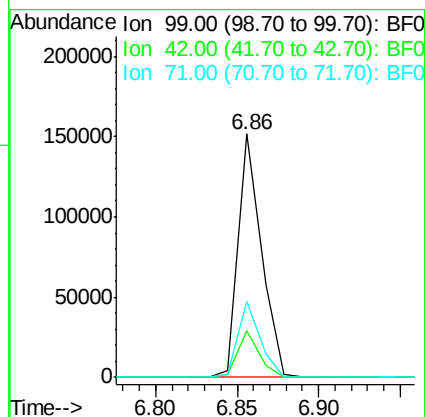
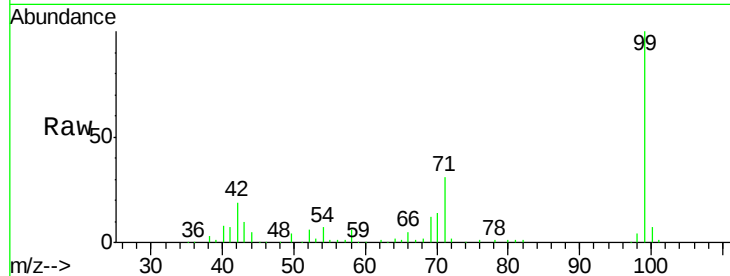
ClientSampleId :

MW-11

Tot Ion:	99	Resp:	149245
Ion Ratio	Lower	Upper	
99	100		
42	19.1	12.8	19.2
71	31.3	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

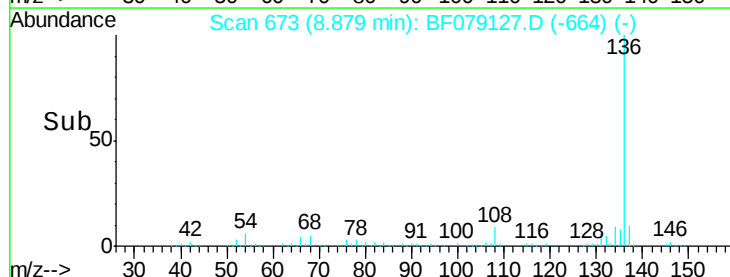
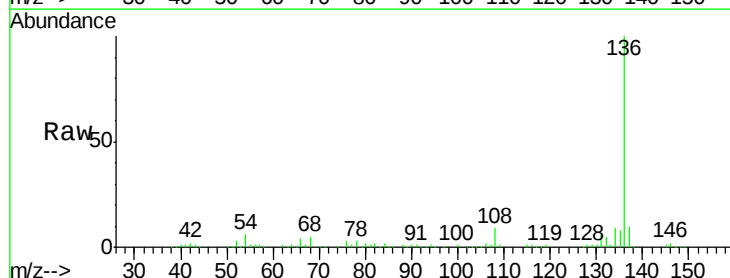
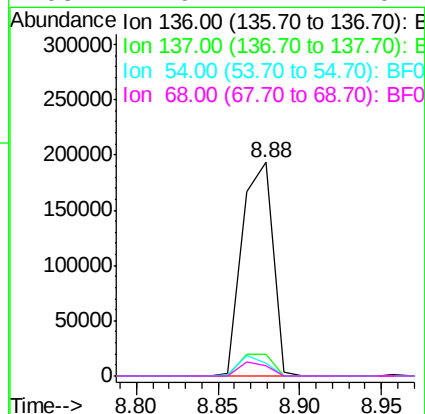
RT: 8.88 min Scan# 673

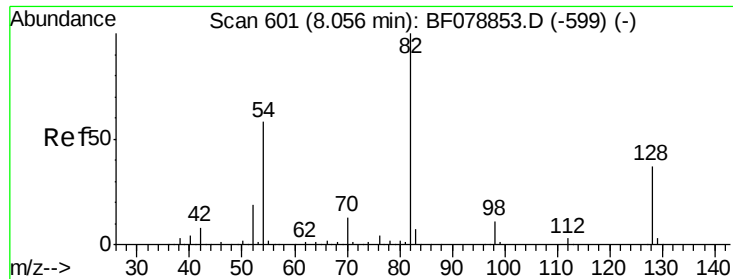
Delta R.T. -0.00 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

Tgt Ion:	136	Resp:	251367
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.7	13.1
54	6.0	5.8	8.8
68	4.6	4.2	6.4





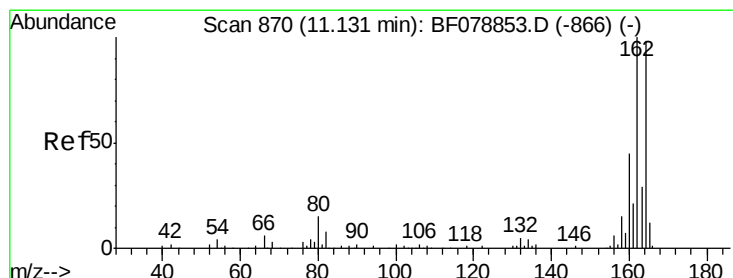
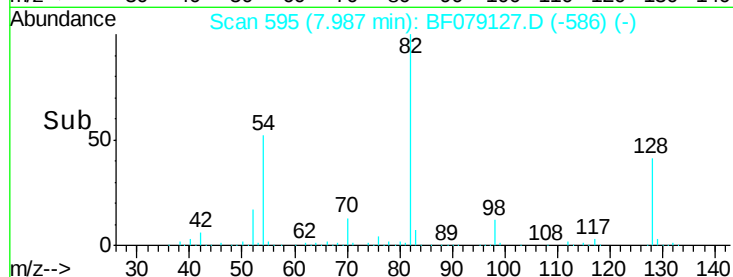
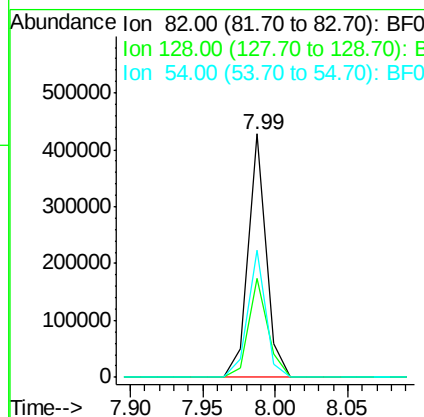
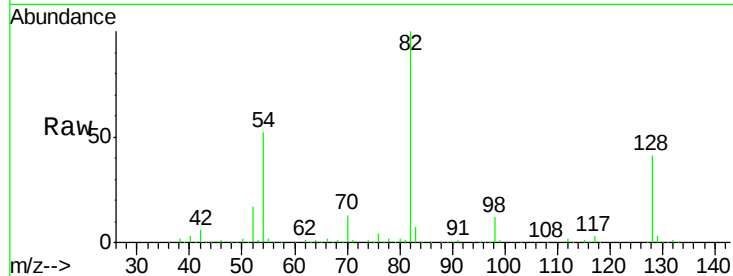
#23
 Nitrobenzene-d5
 Concen: 84.74 ng
 RT: 7.99 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.8	30.0	45.0	
54	52.3	46.4	69.6	

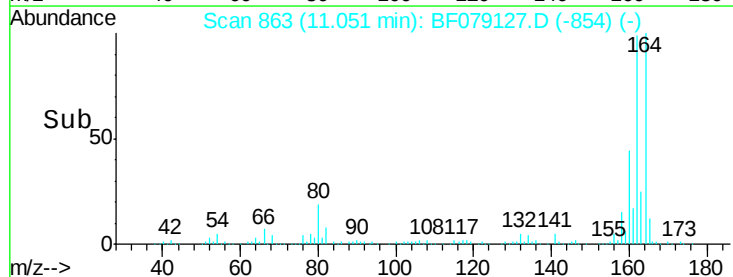
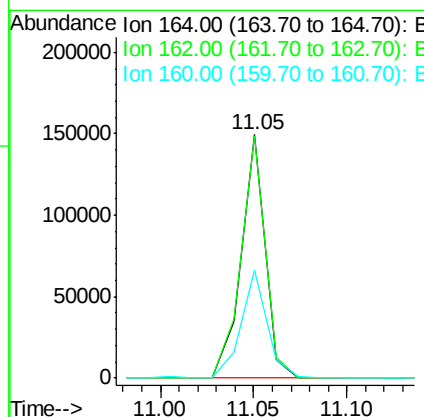
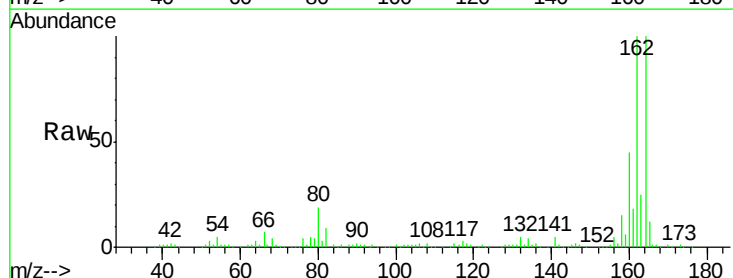
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.6	82.7	124.1	
160	44.6	35.8	53.8	





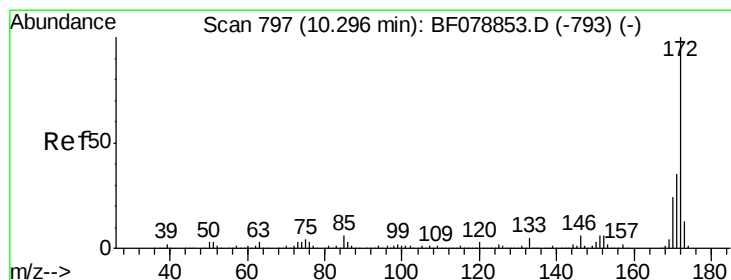
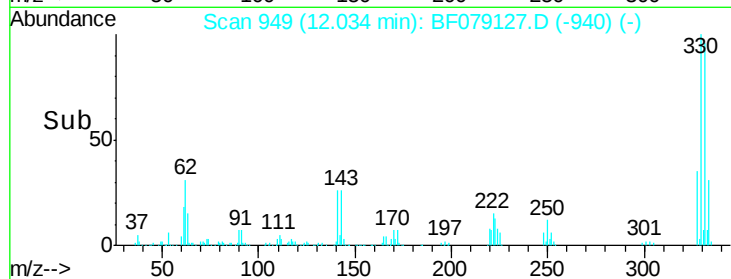
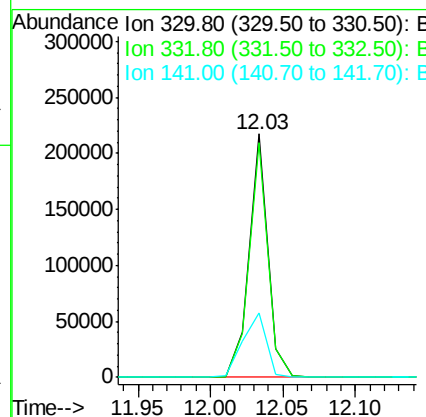
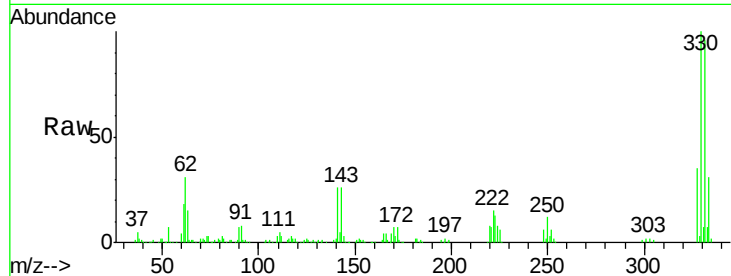
#41
 2,4,6-Tribromophenol
 Concen: 135.13 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	33.7	0.0	0.0#

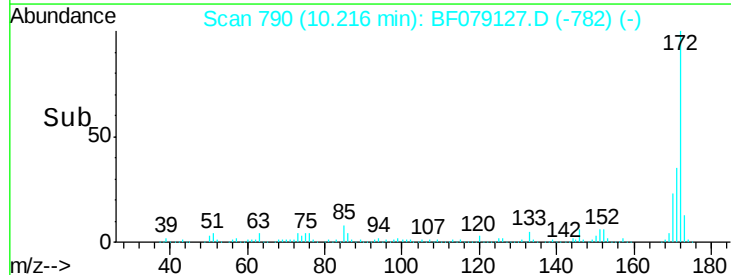
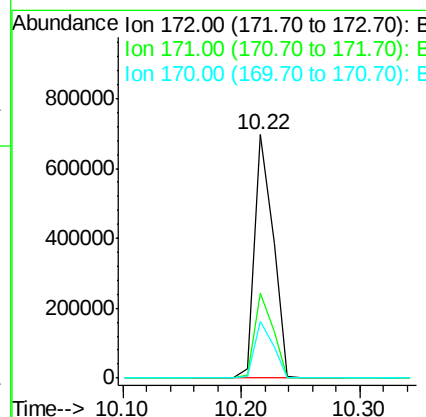
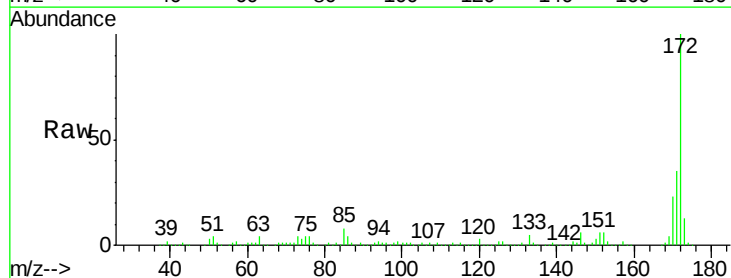
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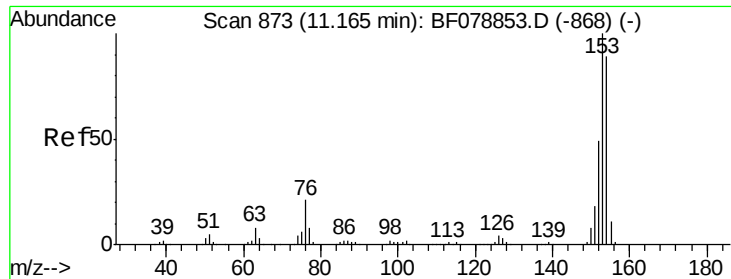
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#44
 2-Fluorobiphenyl
 Concen: 79.05 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.5	19.4	29.0





#51

Acenaphthene

Concen: 2.56 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

Instrument :

BNA_F

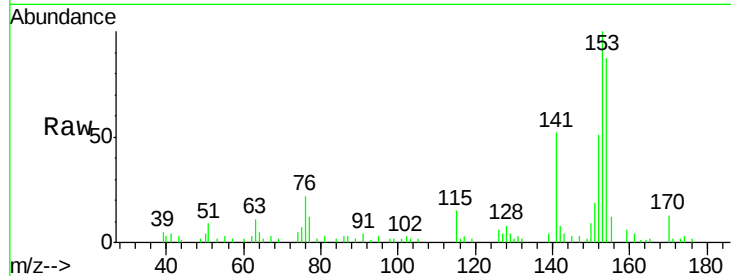
ClientSampled :

MW-11

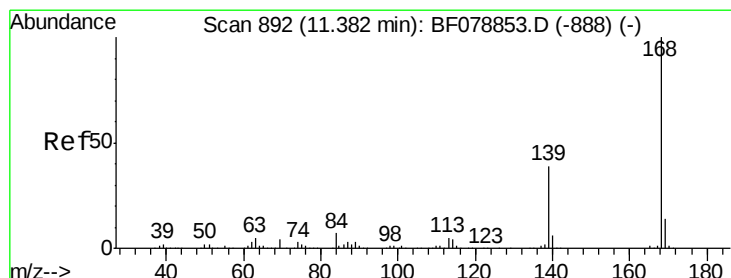
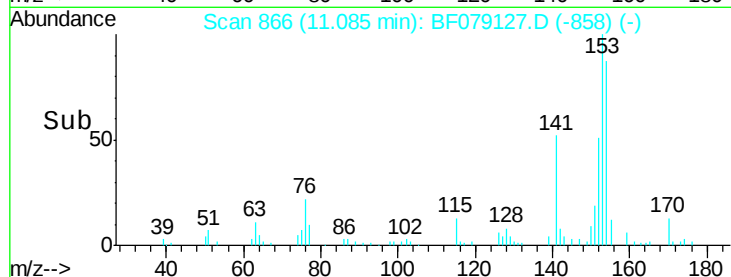
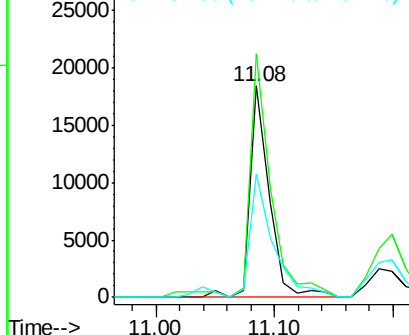
Tot Ion:	154	Resp:	20942
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.5	137.3
152	58.2	44.2	66.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.62 ng

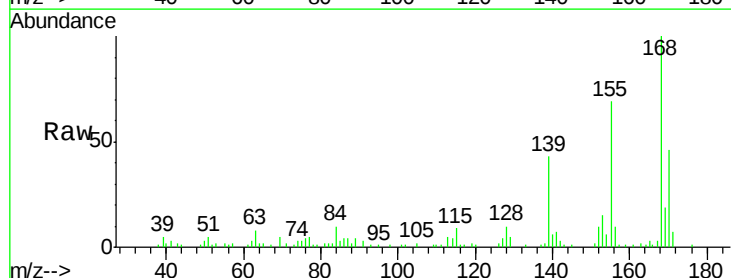
RT: 11.30 min Scan# 885

Delta R.T. -0.01 min

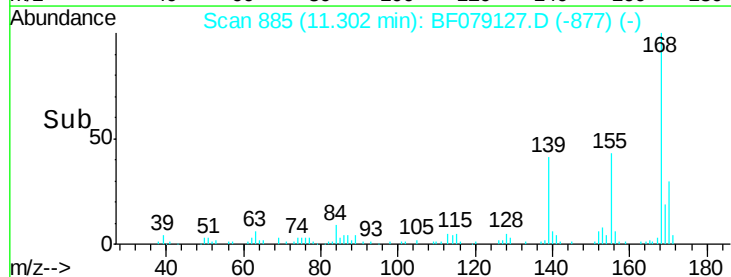
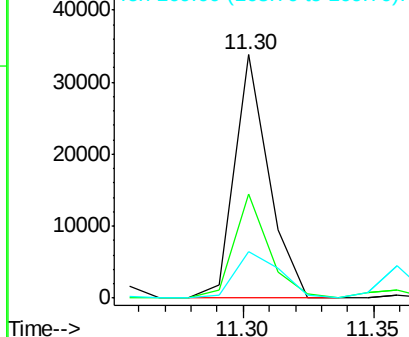
Lab File: BF079127.D

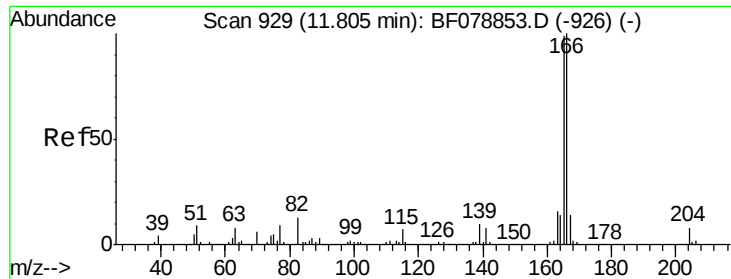
Acq: 11 May 2015 20:39

Tgt Ion:	168	Resp:	31021
Ion Ratio	Lower	Upper	
168	100		
139	42.6	31.0	46.4
169	19.4	10.6	16.0#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





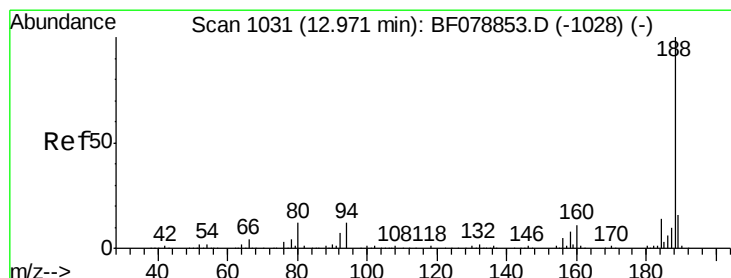
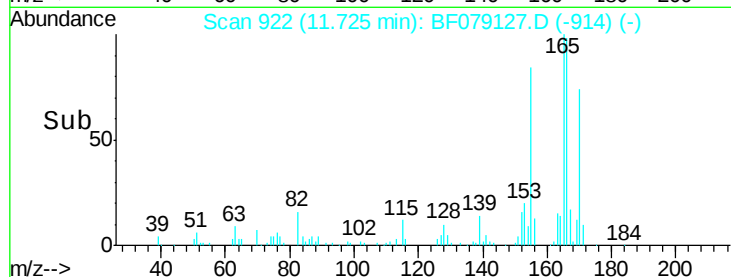
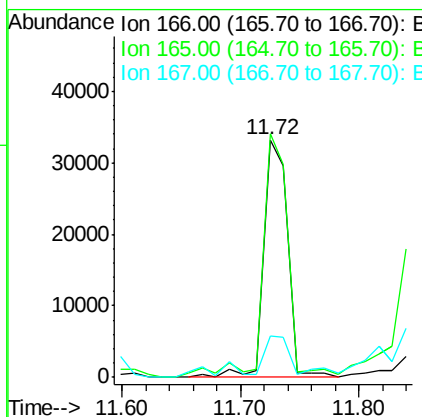
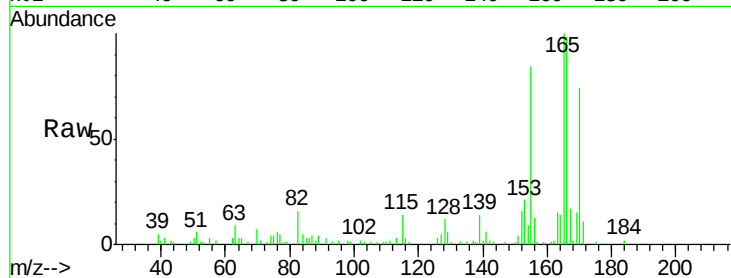
#57
Fluorene
Concen: 4.78 ng
RT: 11.72 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF079127.D
Acq: 11 May 2015 20:39

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	102.4	78.5	117.7		
167	17.5	11.0	16.6#		

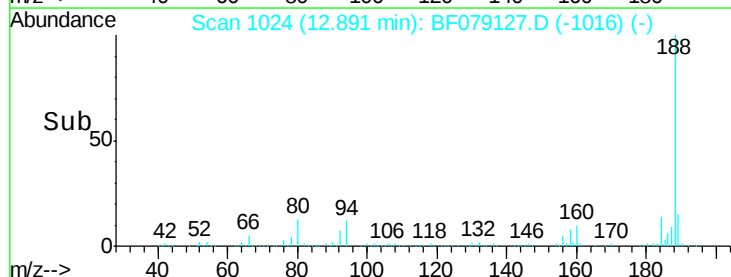
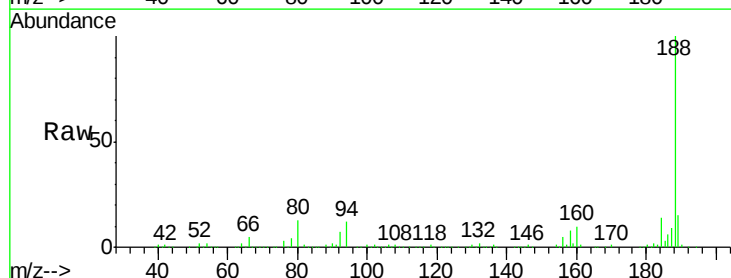
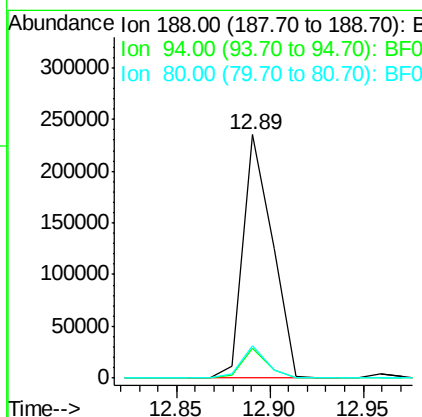
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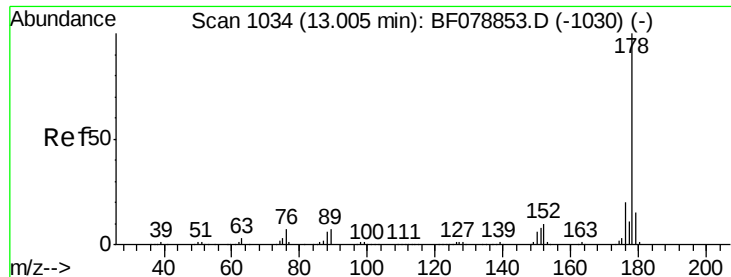
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF079127.D
Acq: 11 May 2015 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	12.5	8.2	12.2#		
80	13.1	8.9	13.3		





#70

Phenanthrene

Concen: 3.12 ng

RT: 12.93 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

Instrument :

BNA_F

ClientSampleId :

MW-11

Tot Ion:178 Resp: 44835

Ion Ratio Lower Upper

178 100

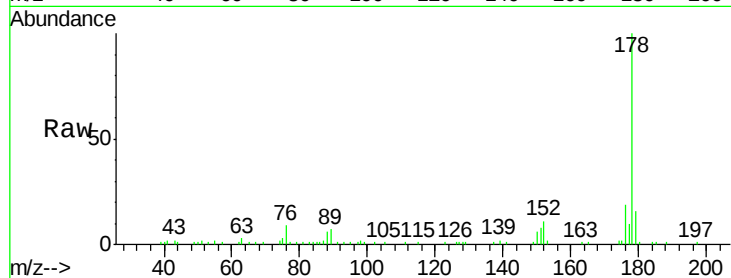
176 18.8 15.8 23.8

179 15.9 12.5 18.7

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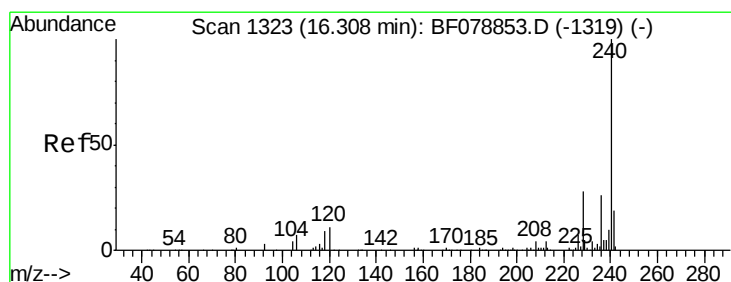
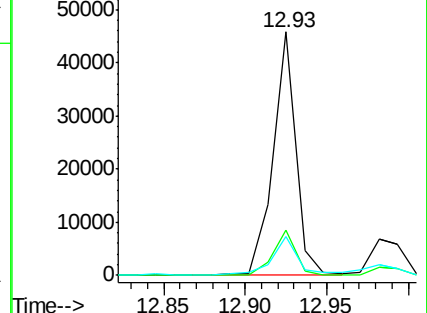
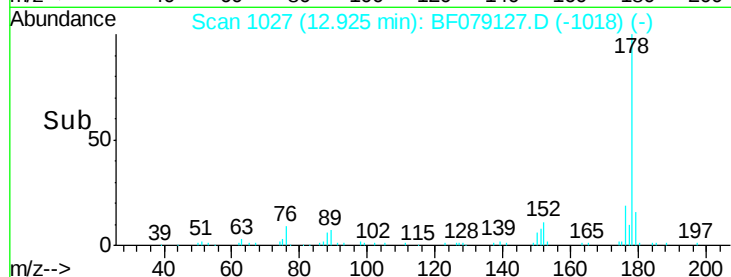
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Abundance Ion 178.00 (177.70 to 178.70): E

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: 16.18 min Scan# 1312

Delta R.T. -0.05 min

Lab File: BF079127.D

Acq: 11 May 2015 20:39

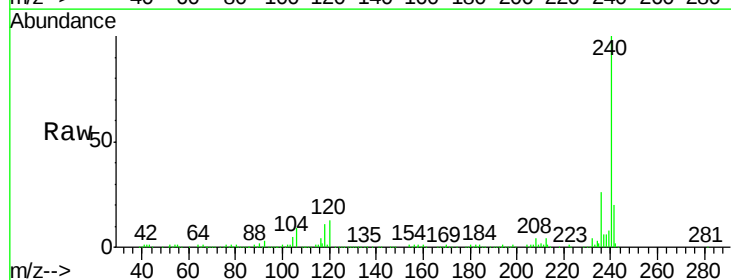
Tgt Ion:240 Resp: 274737

Ion Ratio Lower Upper

240 100

120 13.4 9.7 14.5

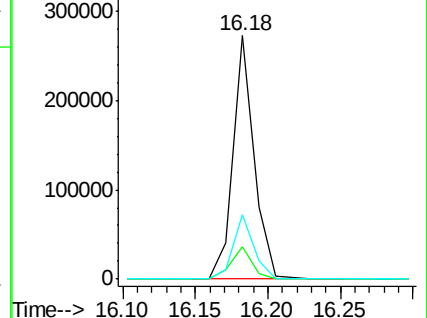
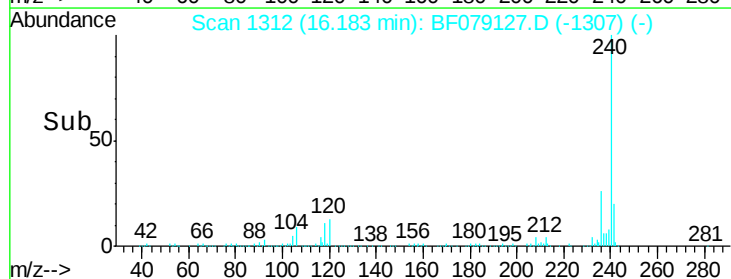
236 26.2 20.2 30.4

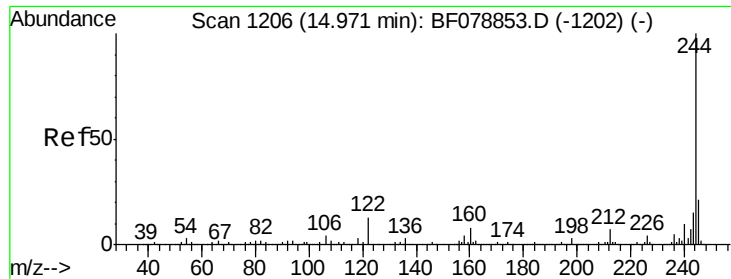


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





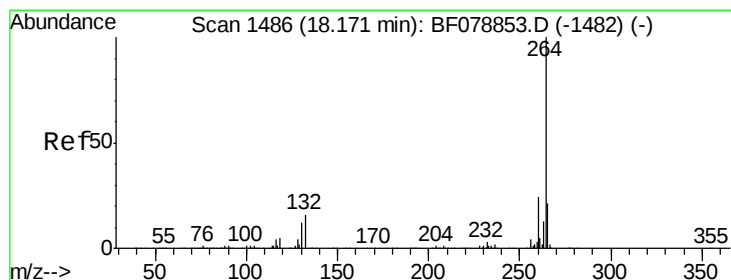
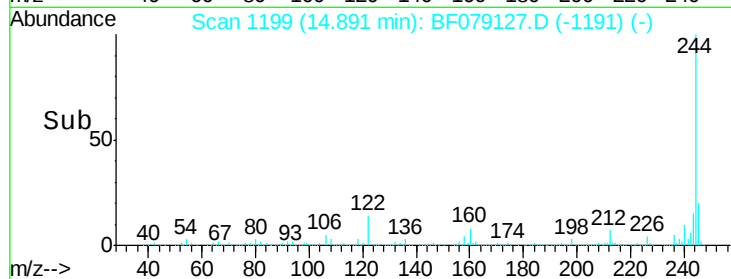
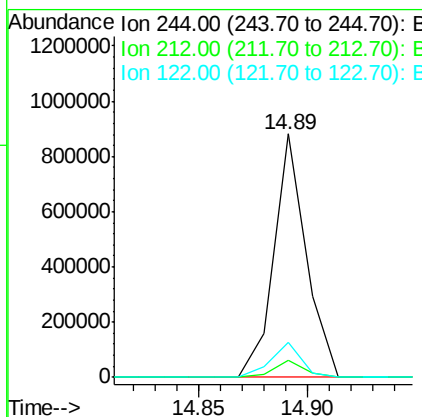
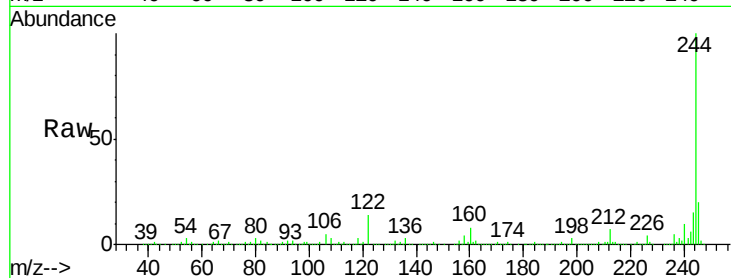
#78
 Terphenyl-d14
 Concen: 80.17 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Instrument :
 BNA_F
 ClientSampled :
 MW-11

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	14.2	10.3	15.5

Manual Integrations
 APPROVED

apatel
 5/12/2015 4:50:28 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1461
 Delta R.T. -0.17 min
 Lab File: BF079127.D
 Acq: 11 May 2015 20:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.7	18.3	27.5

