

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096126.D
 Acq On : 22 Jun 2017 17:22
 Operator : SJ/MA
 Sample : I3657-24
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

Manual Integrations
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Quant Time: Jun 23 15:41:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	97880	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	330872	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	162663	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	193877	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	150217	20.00	ng	0.00
86) Perylene-d12	19.94	264	120723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	452959	73.74	ng	-0.02
7) Phenol-d6	6.87	99	376360	51.18	ng	0.00
23) Nitrobenzene-d5	8.20	82	403779	75.79	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	151454	105.24	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	888168	75.98	ng	-0.02
78) Terphenyl-d14	16.92	244	493551	81.54	ng	0.00
Target Compounds						
51) Acenaphthene	12.18	154	54973	5.31	ng	Qvalue 98
70) Phenanthrene	14.57	178	43072	3.85	ng	97
77) Pyrene	16.67	202	30409	2.71	ng	96
83) Bis(2-ethylhexyl)phthalate	18.34	149	45358	6.57	ng	# 99

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

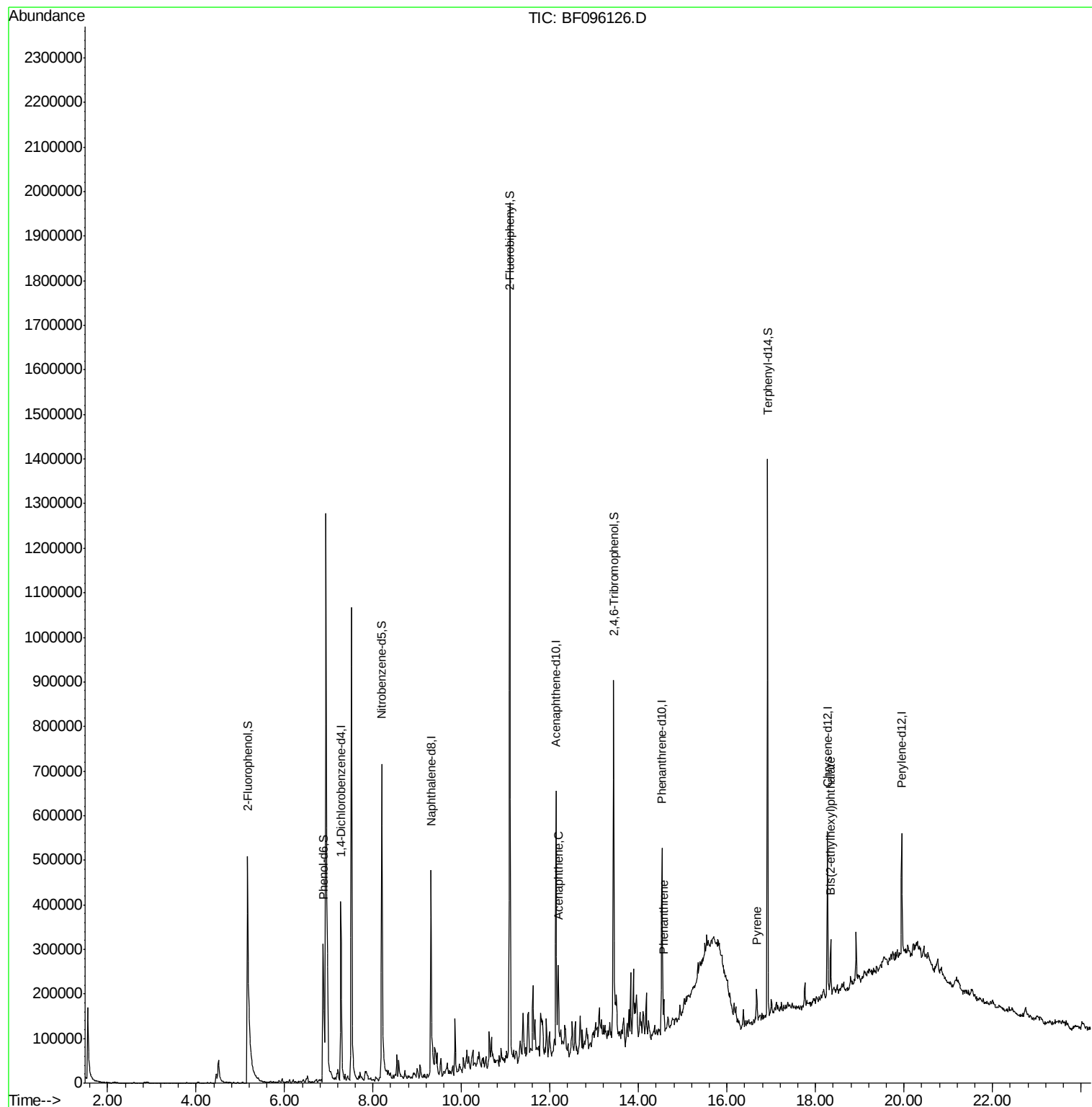
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096126.D
Acq On : 22 Jun 2017 17:22
Operator : SJ/MA
Sample : I3657-24
Misc :
ALS Vial : 12 Sample Multiplier: 1

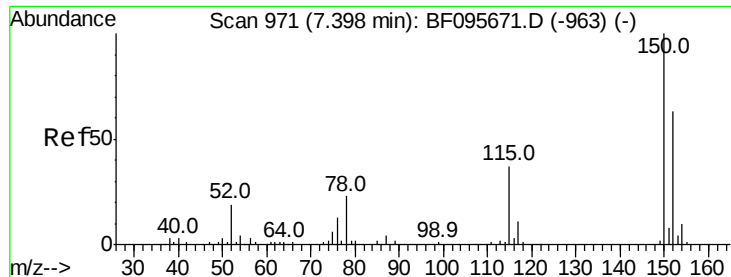
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 23 15:41:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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Response via : Initial Calibration





#1

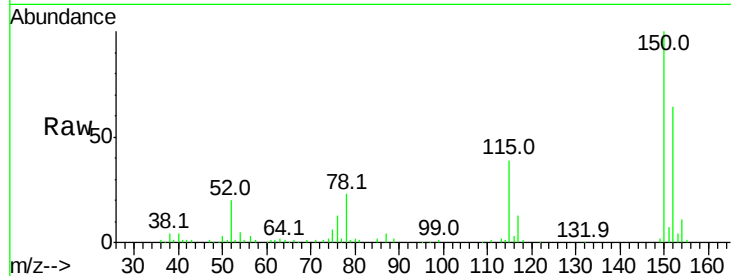
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Instrument :
BNA_F
ClientSampled :
MW-104S

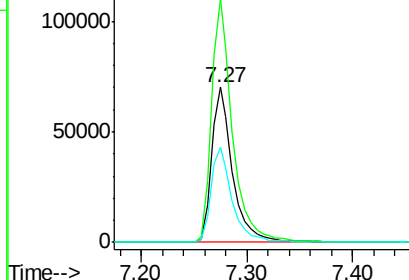
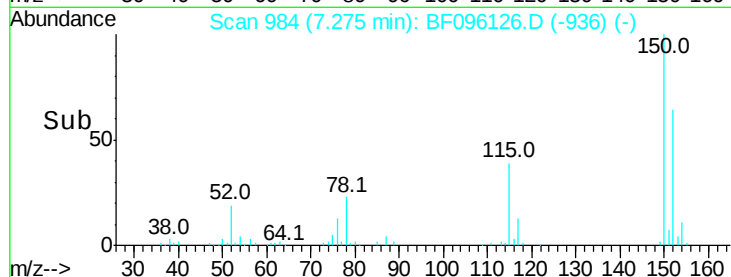
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	61.6	52.2	78.2

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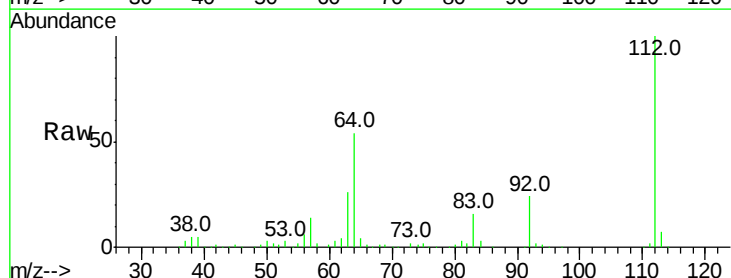
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



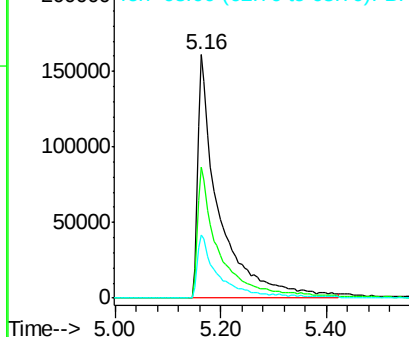
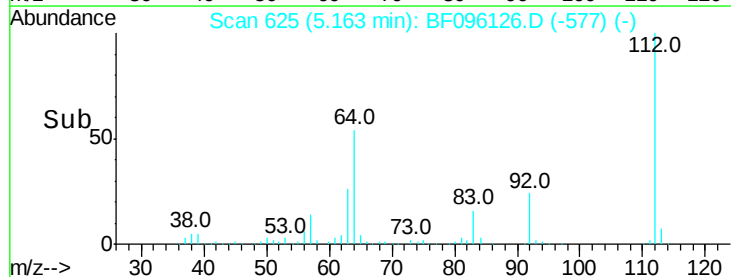
#5

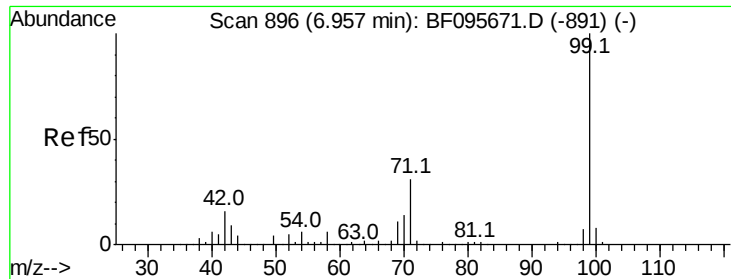
2-Fluorophenol
Concen: 73.74 ng
RT: 5.16 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	26.2	23.4	35.0



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: 51.18 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Instrument :

BNA_F

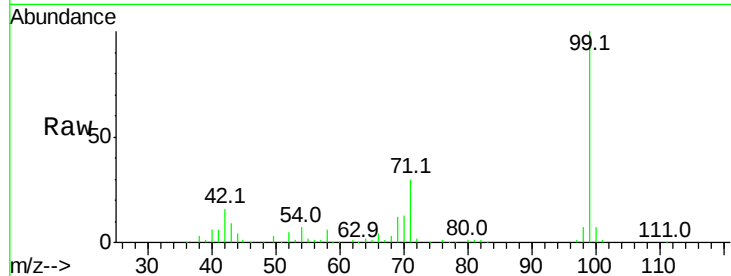
ClientSampleId :

MW-104S

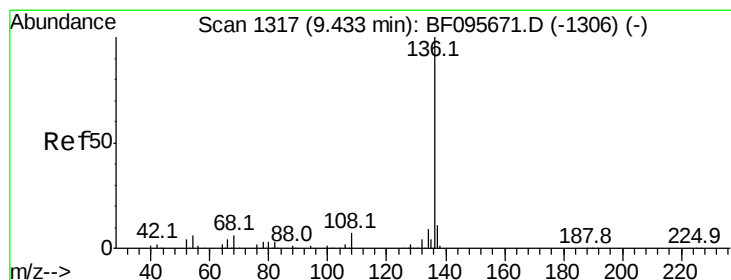
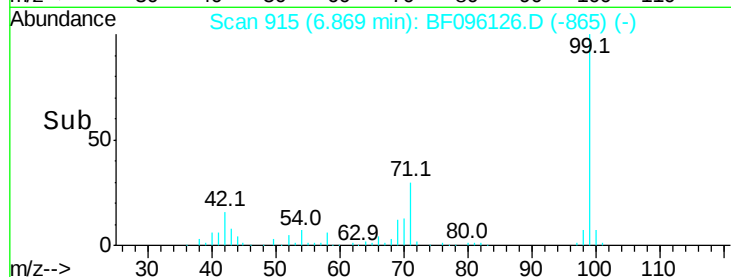
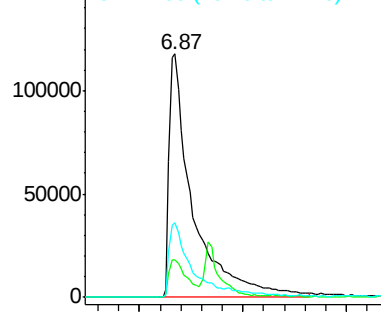
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		376360		
42	15.5	13.5	20.3		
71	30.4	24.5	36.7		

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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: 9.31 min Scan# 1330

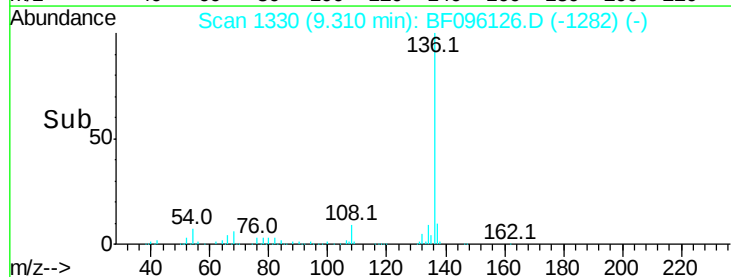
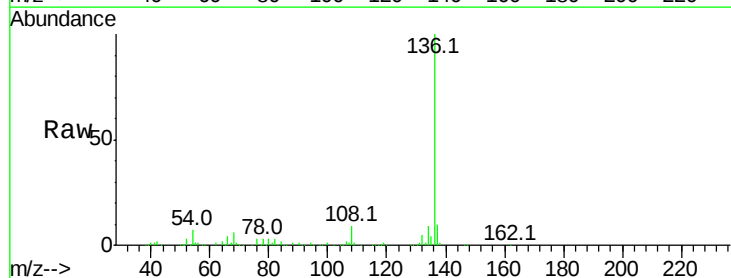
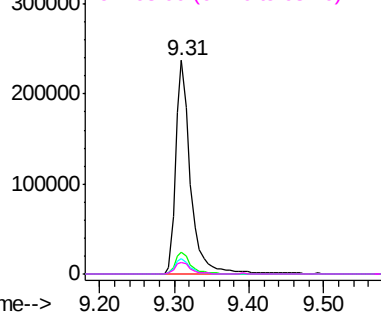
Delta R.T. -0.02 min

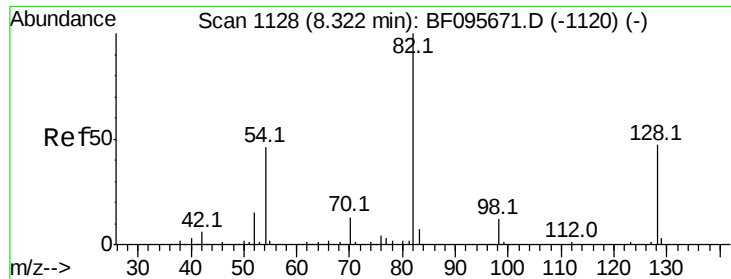
Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		330872		
137	10.5	8.5	12.7		
54	6.9	4.9	7.3		
68	5.7	4.1	6.1		

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





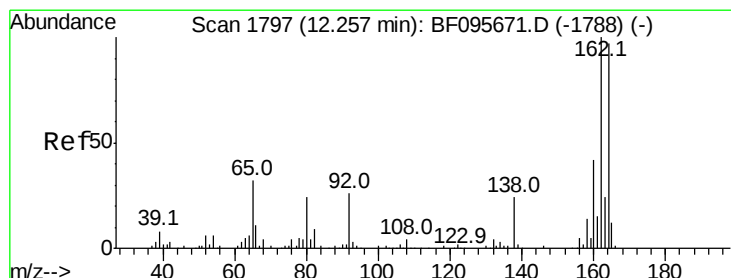
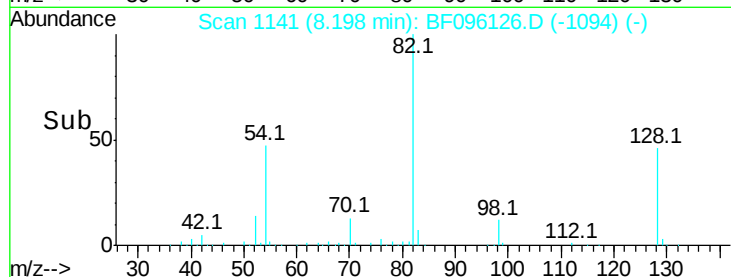
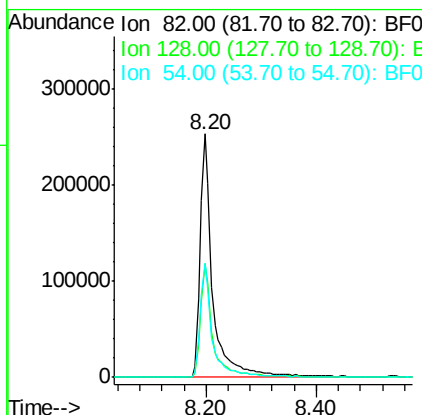
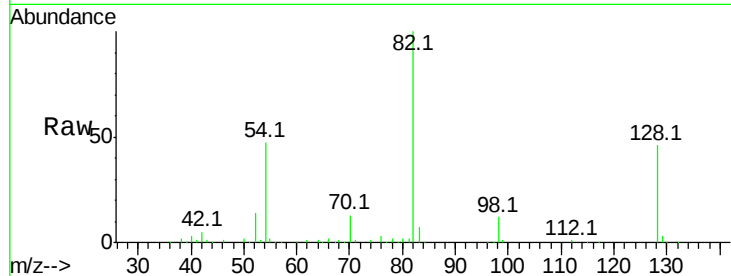
#23
Nitrobenzene-d5
Concen: 75.79 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	46.7	42.2	63.2

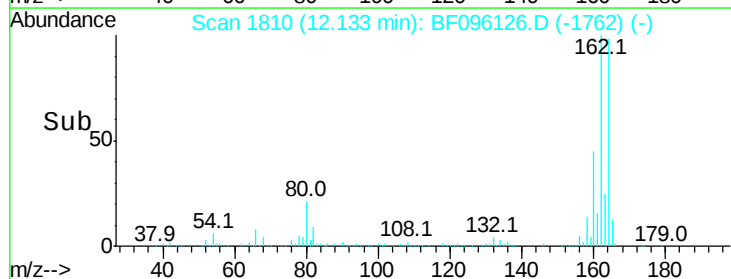
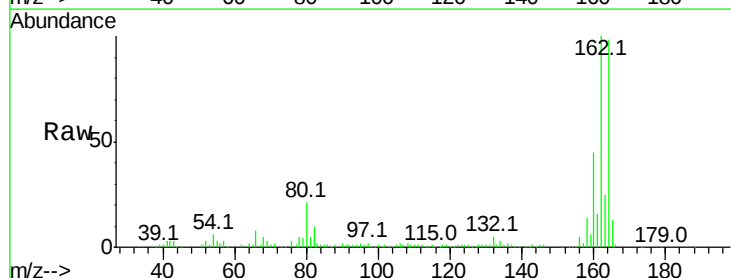
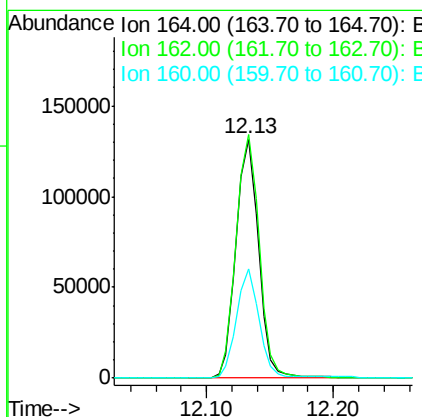
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	45.9	36.2	54.2





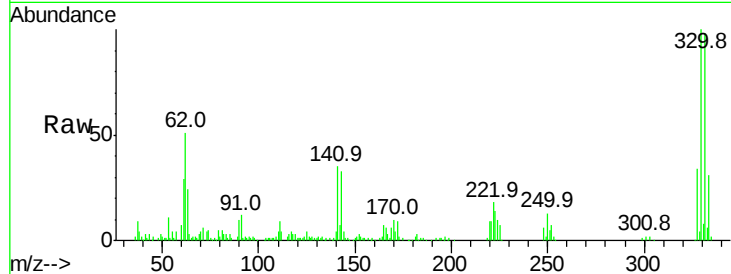
#41
 2,4,6-Tribromophenol
 Concen: 105.24 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096126.D
 Acq: 22 Jun 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

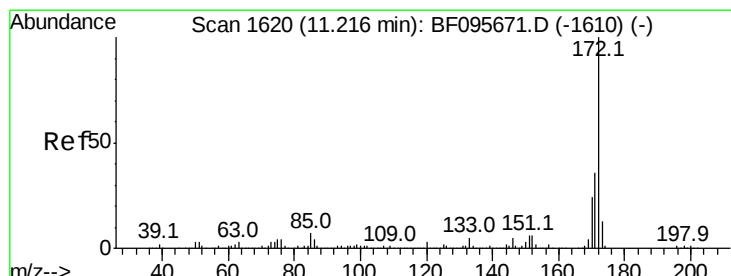
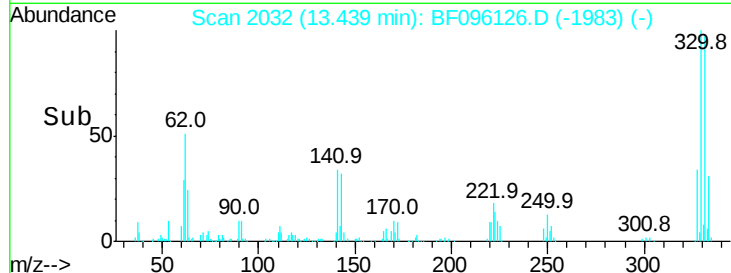
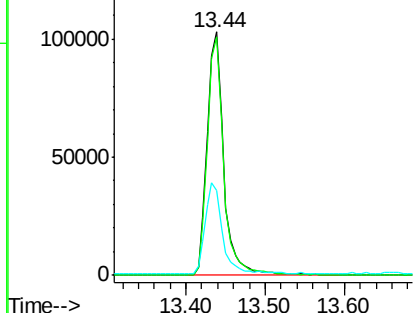
Tot Ion	Ratio	Resp	Lower	Upper
330	100	151454		
332	97.0	76.6	115.0	
141	38.5	31.4	47.2	

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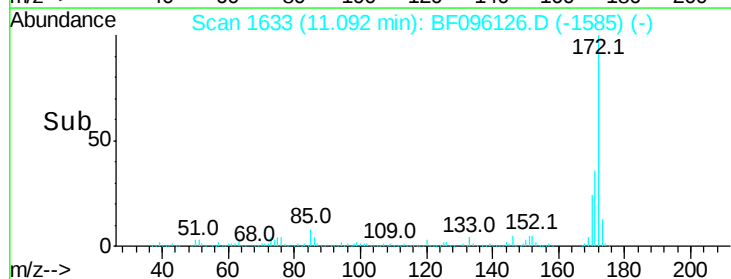
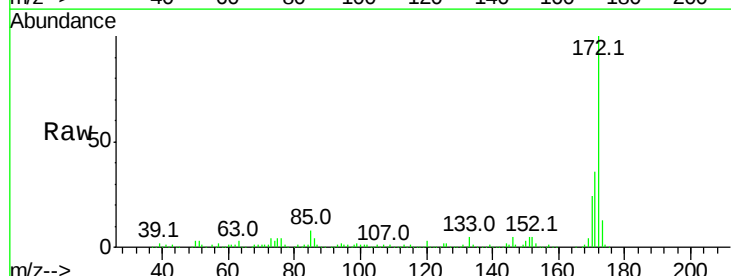
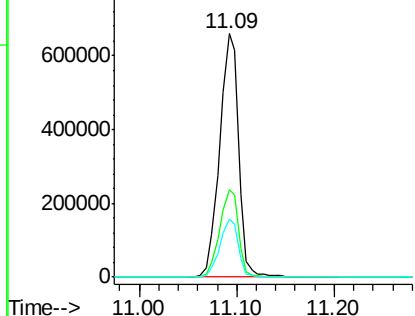
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

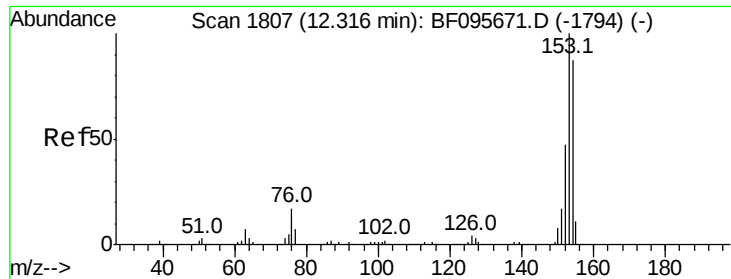


#44
 2-Fluorobiphenyl
 Concen: 75.98 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096126.D
 Acq: 22 Jun 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	888168		
171	35.9	29.6	44.4	
170	24.1	19.8	29.8	

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





#51

Acenaphthene

Concen: 5.31 ng

RT: 12.18 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Instrument :

BNA_F

ClientSampleId :

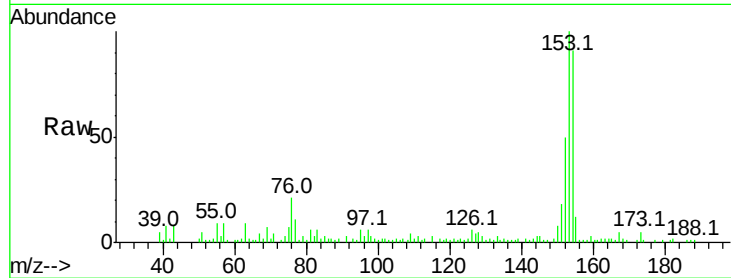
MW-104S

Tot Ion:154 Resp: 54973

Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.5	135.7
152	55.5	43.6	65.4

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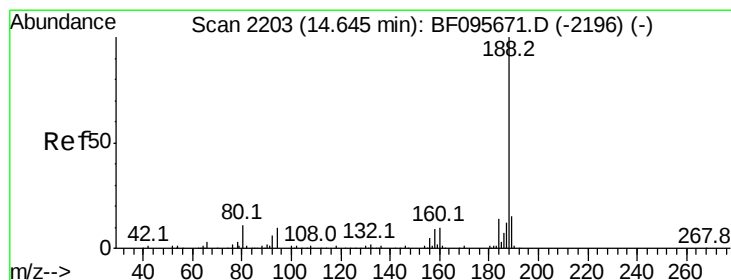
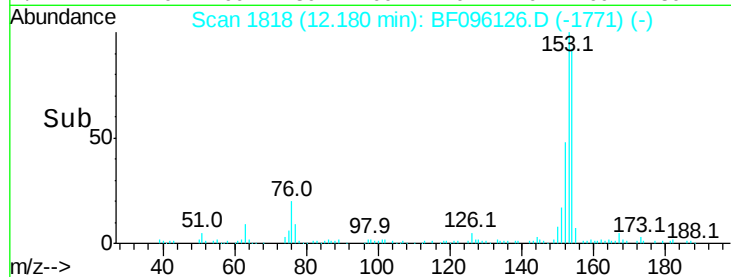
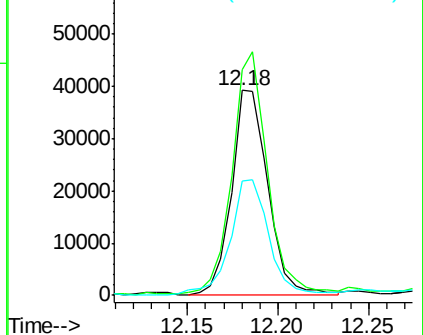
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.53 min Scan# 2217

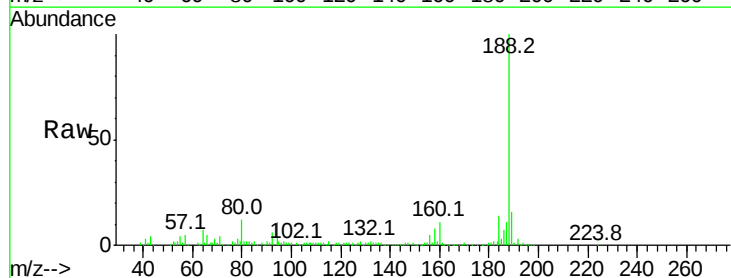
Delta R.T. -0.01 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Tgt Ion:188 Resp: 193877

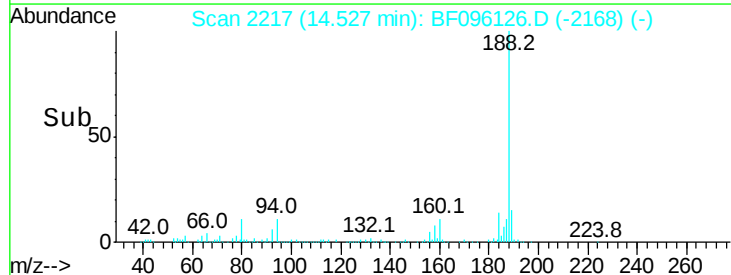
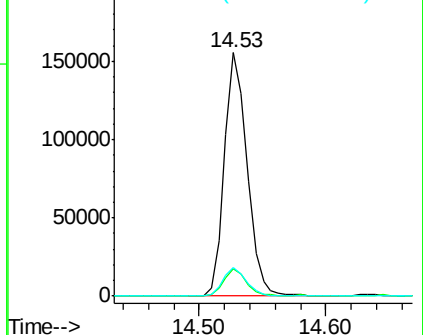
Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.7	10.2	15.2



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





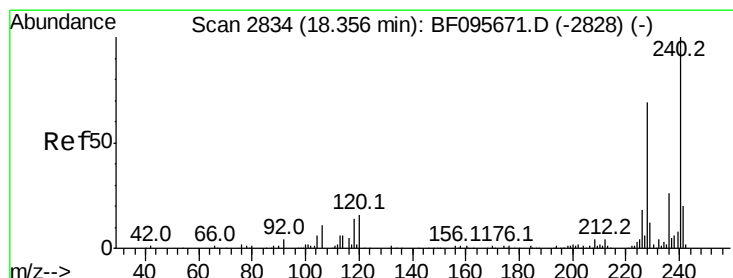
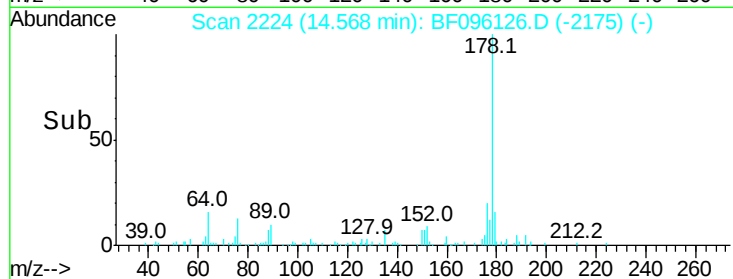
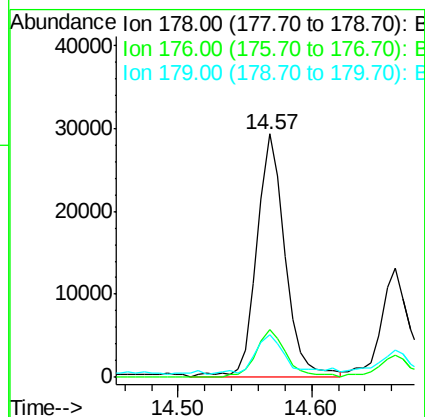
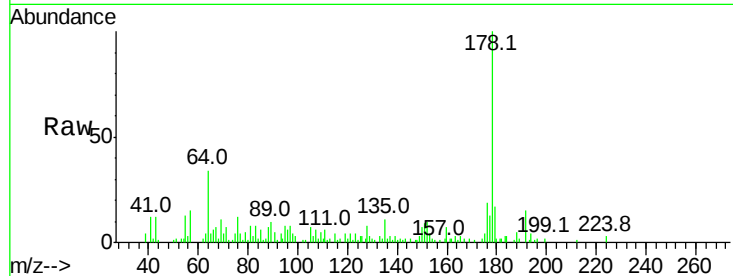
#70
Phenanthrene
Concen: 3.85 ng
RT: 14.57 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	17.3	12.6	19.0

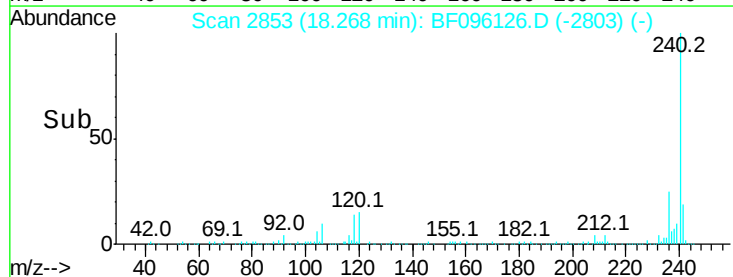
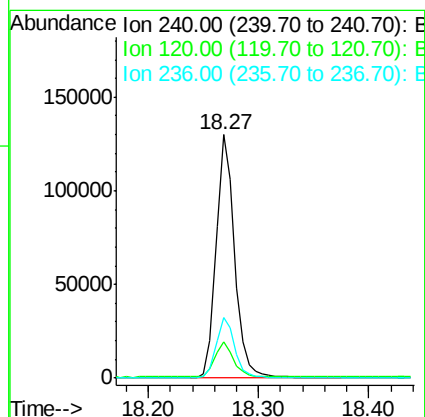
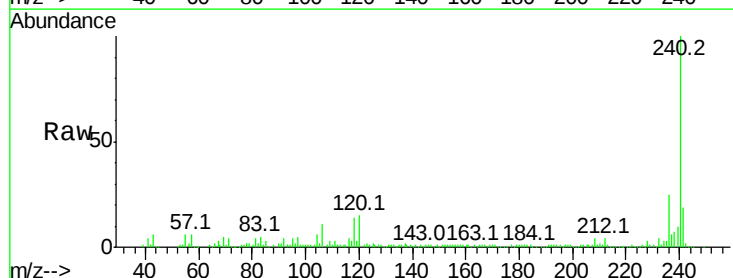
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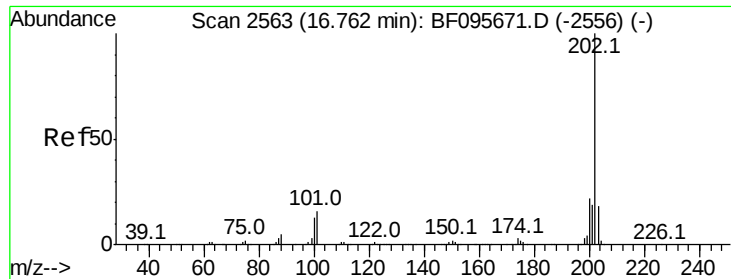
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.1	20.5	30.7





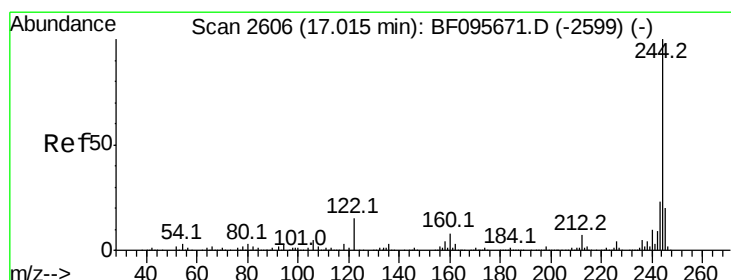
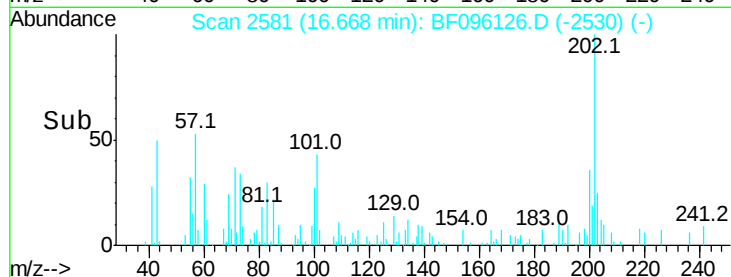
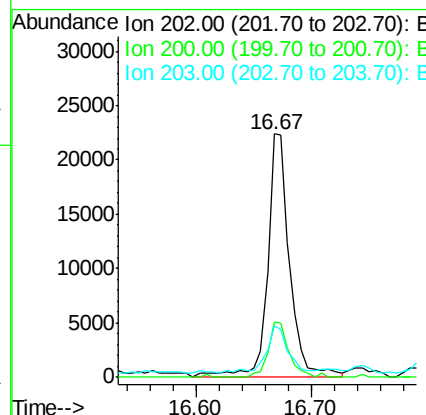
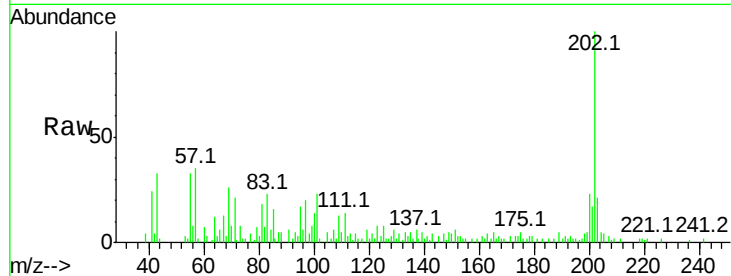
#77
Pvrene
Concen: 2.71 ng
RT: 16.67 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	21.2	14.4	21.6

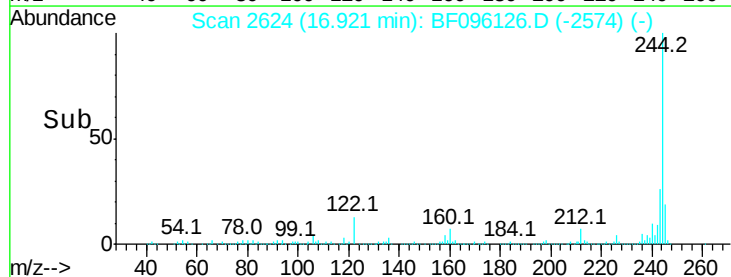
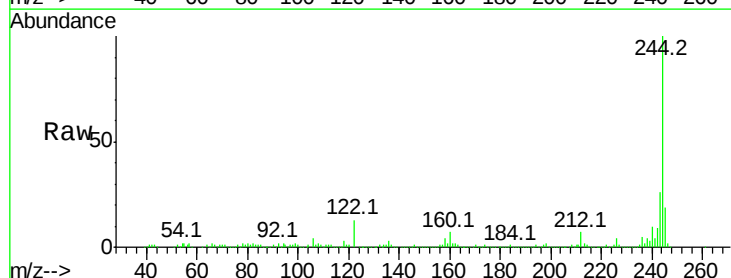
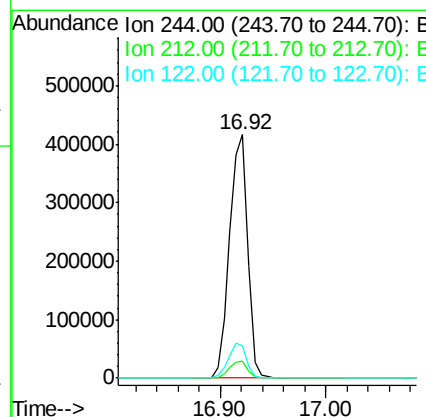
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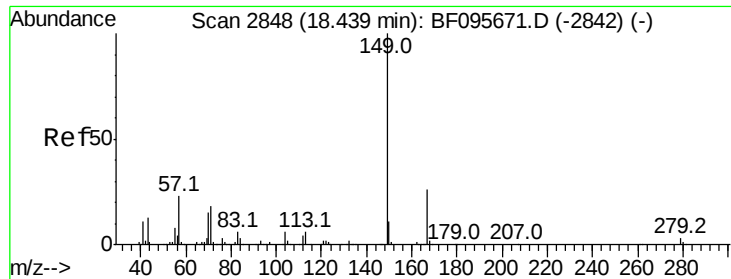
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#78
Terphenyl-d14
Concen: 81.54 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.2	10.3	15.5





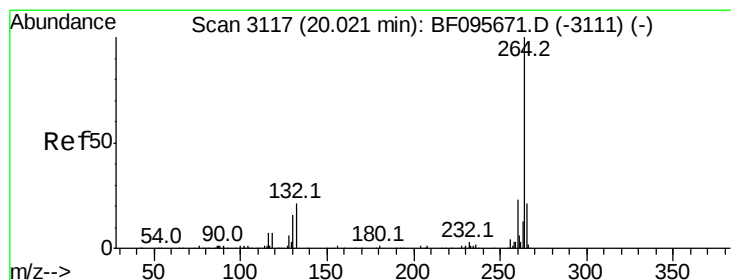
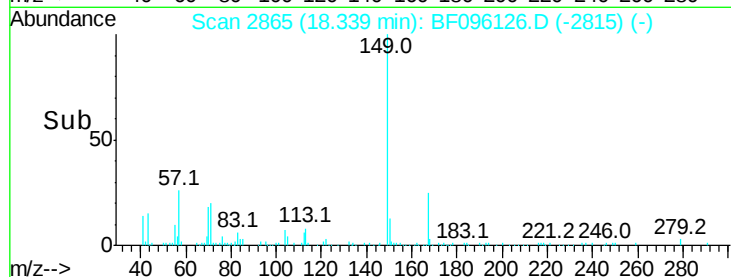
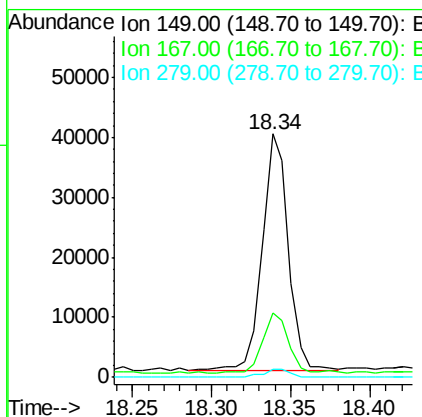
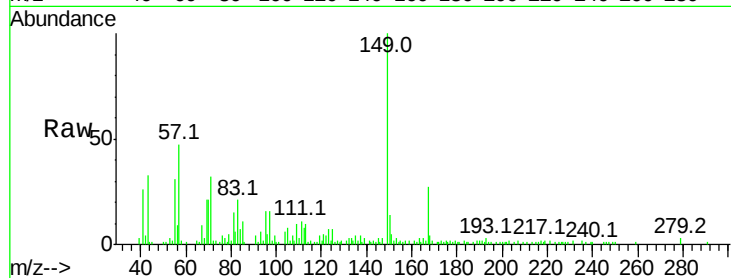
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.57 ng
 RT: 18.34 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BF096126.D
 Acq: 22 Jun 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

Tot Ion	Ratio	Resp	Lower	Upper
149	100	45358		
167	26.6		21.0	31.4
279	3.2		1.9	2.9#

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:27:52 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096126.D
 Acq: 22 Jun 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	120723		
260	23.6		19.5	29.3
265	22.0		17.2	25.8

