

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096127.D
 Acq On : 22 Jun 2017 17:54
 Operator : SJ/MA
 Sample : I3775-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11

Manual Integrations
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Quant Time: Jun 23 01:35:38 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	71356	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	288933	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	119144	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	183058	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	142822	20.00	ng	0.00
86) Perylene-d12	19.94	264	117896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	535022	119.48	ng	-0.01
7) Phenol-d6	6.86	99	615225	114.76	ng	-0.02
23) Nitrobenzene-d5	8.20	82	345376	74.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	96167	91.23	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	640096	74.76	ng	-0.02
78) Terphenyl-d14	16.92	244	385503	66.99	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.79	163	175223	19.37	ng	99
70) Phenanthrene	14.57	178	72932	6.90	ng	99
71) Anthracene	14.67	178	22547	2.04	ng	99
74) Fluoranthene	16.36	202	113659	10.87	ng	100
77) Pyrene	16.66	202	95575	8.97	ng	96
80) Benzo(a)anthracene	18.26	228	49322	5.94	ng	96
82) Chrysene	18.30	228	42607m	5.13	ng	
85) Indeno(1,2,3-cd)pyrene	21.13	276	17567	2.47	ng	# 90
87) Benzo(b)fluoranthene	19.54	252	47839m	6.48	ng	
88) Benzo(k)fluoranthene	19.57	252	18249m	2.59	ng	
89) Benzo(a)pyrene	19.89	252	36520	5.38	ng	# 91
91) Benzo(a,h,i)perylene	21.46	276	15044	2.56	ng	94

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

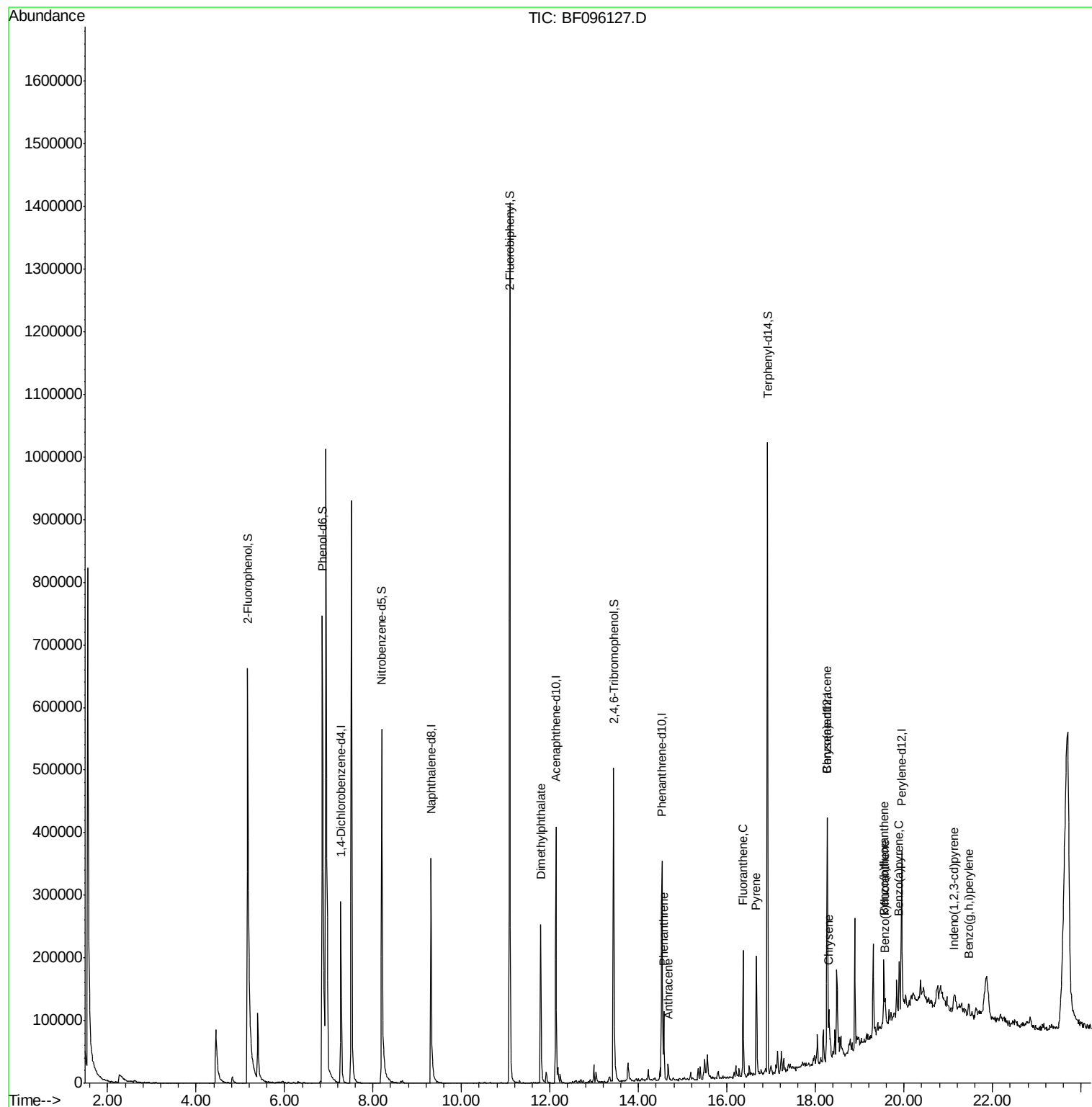
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096127.D
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Operator : SJ/MA
Sample : I3775-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

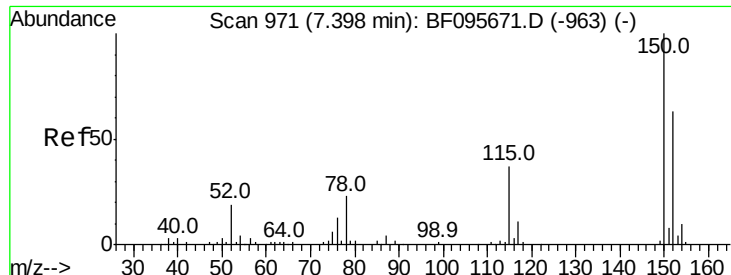
Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11

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Quant Time: Jun 23 01:35:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

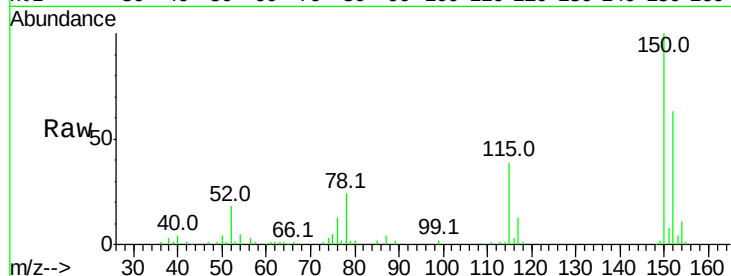
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11

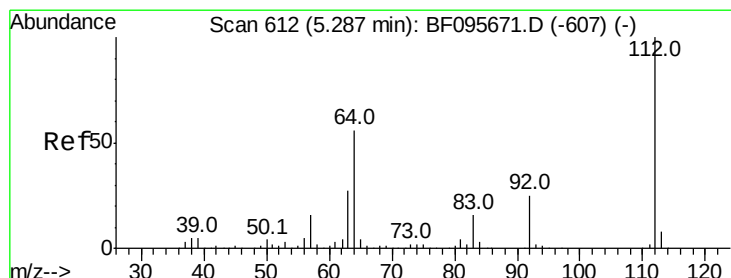
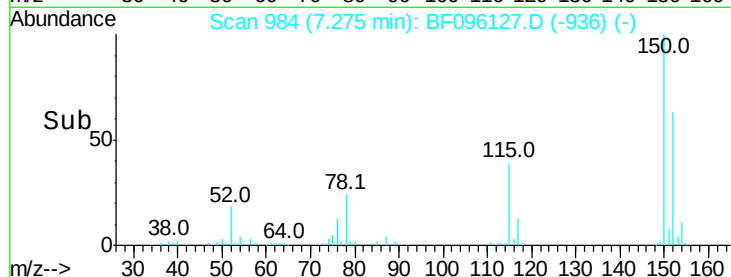
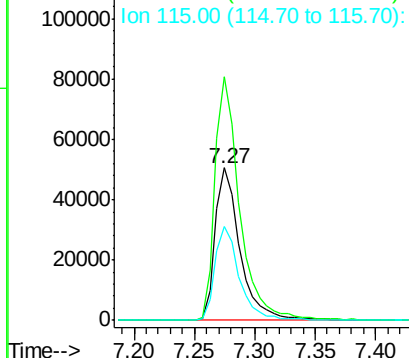
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	61.7	52.2	78.2

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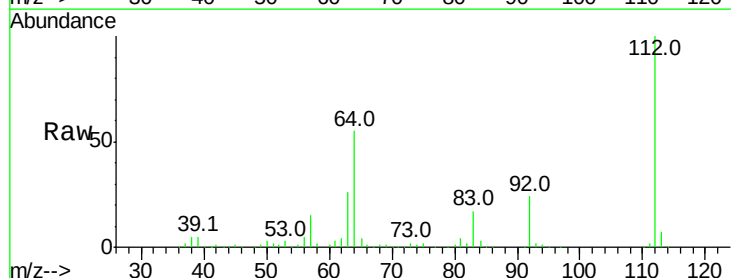
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



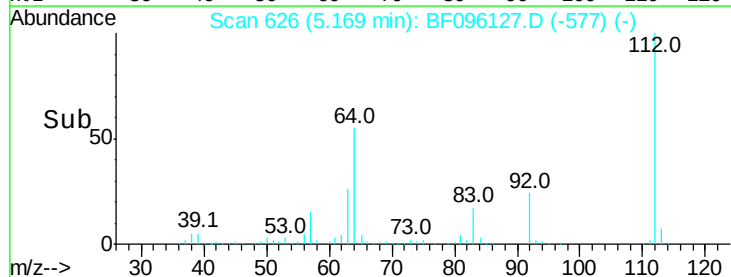
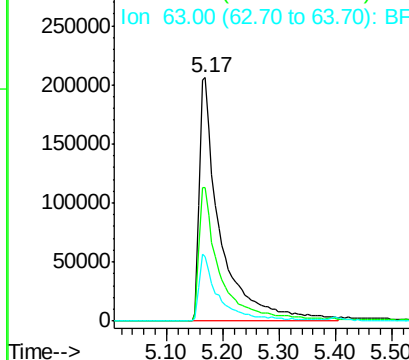
#5

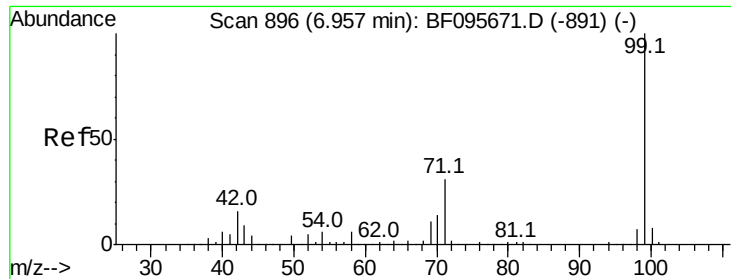
2-Fluorophenol
Concen: 119.48 ng
RT: 5.17 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.3	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: 114.76 ng

RT: 6.86 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF096127.D

Acq: 22 Jun 2017 17:54

Instrument :

BNA_F

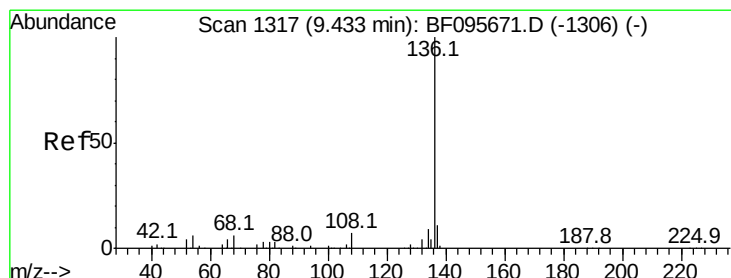
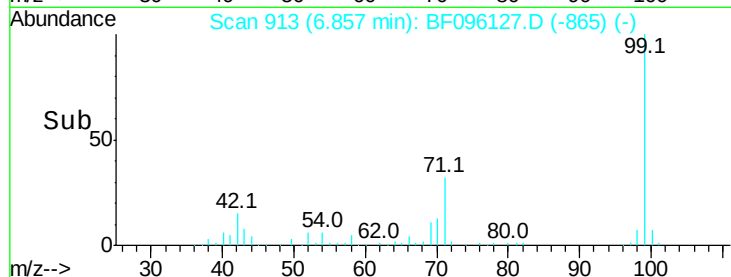
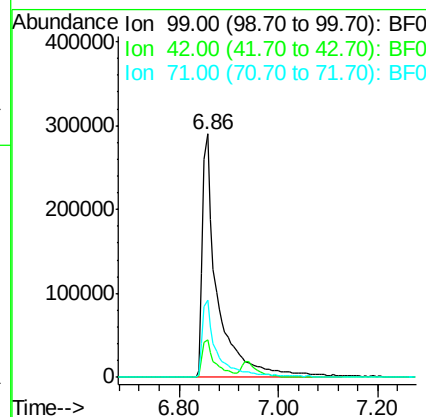
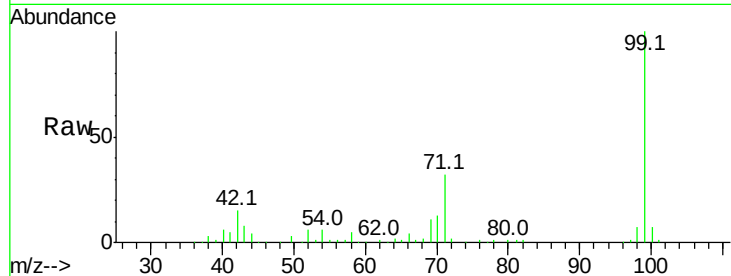
ClientSampleId :

GHD-SB-020304-0-11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		615225		
42	15.3	13.5	20.3		
71	31.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

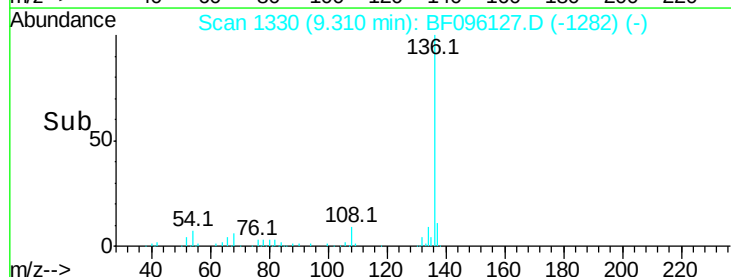
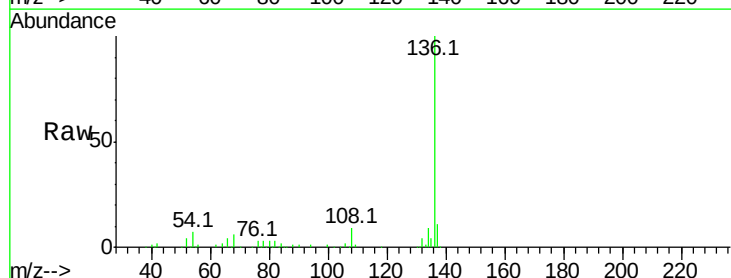
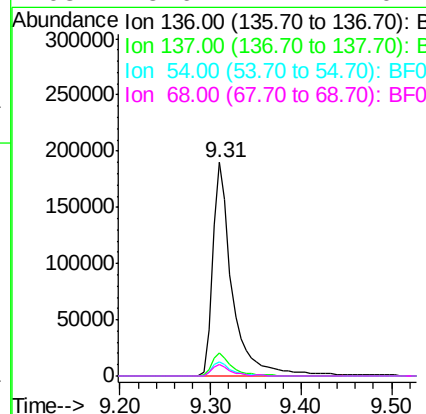
RT: 9.31 min Scan# 1330

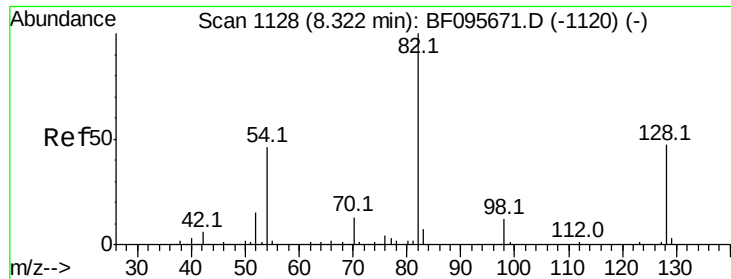
Delta R.T. -0.02 min

Lab File: BF096127.D

Acq: 22 Jun 2017 17:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		288933		
137	10.6	8.5	12.7		
54	6.9	4.9	7.3		
68	5.6	4.1	6.1		





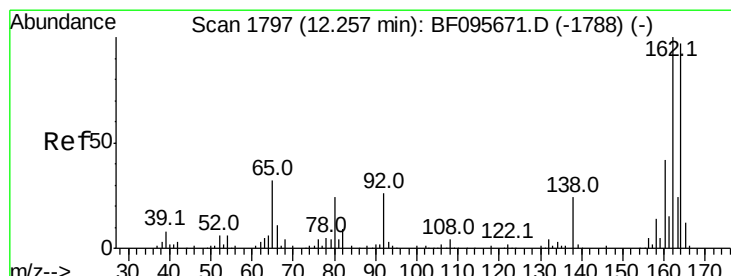
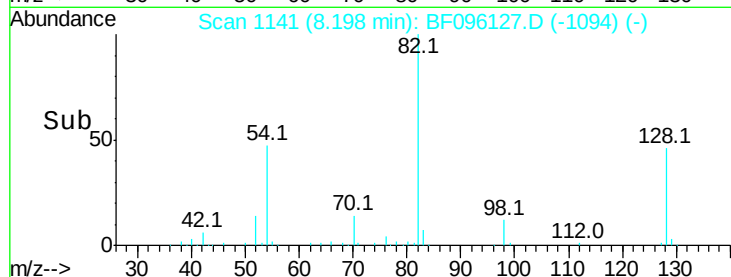
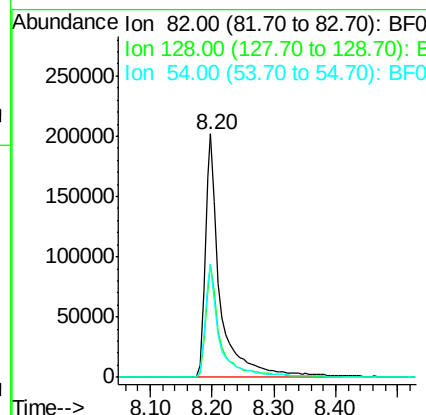
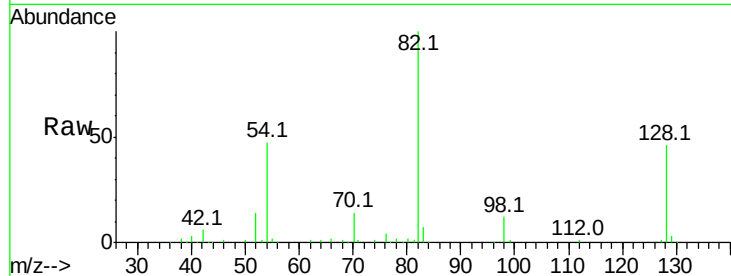
#23
 Nitrobenzene-d5
 Concen: 74.24 ng
 RT: 8.20 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF096127.D
 Acq: 22 Jun 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	34.0	51.0	
54	46.6	42.2	63.2	

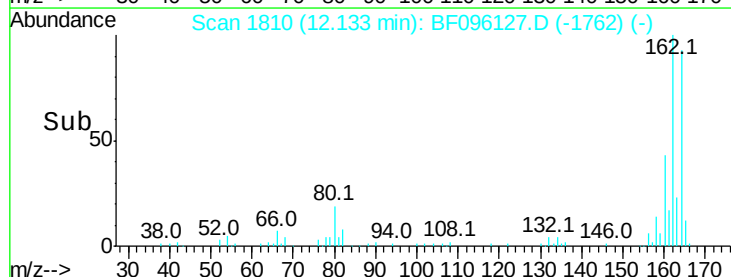
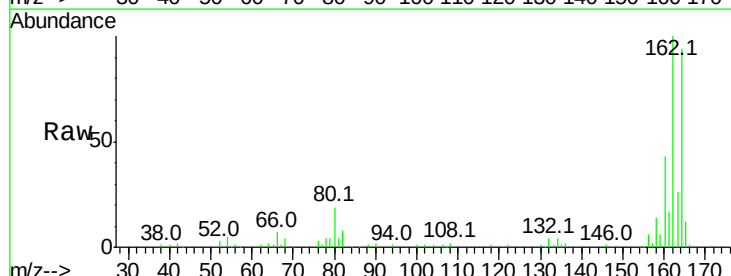
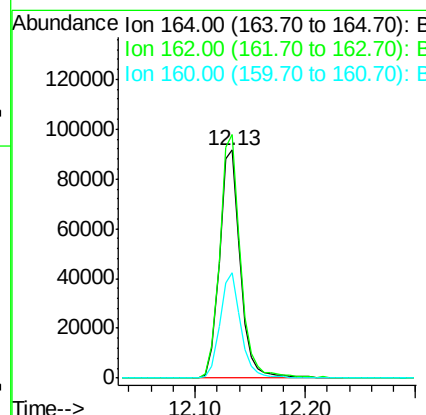
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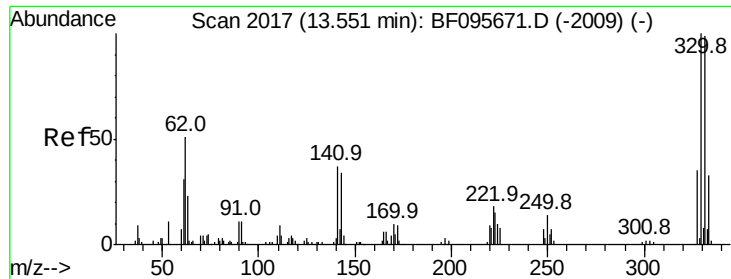
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF096127.D
 Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.8	82.6	123.8	
160	46.3	36.2	54.2	





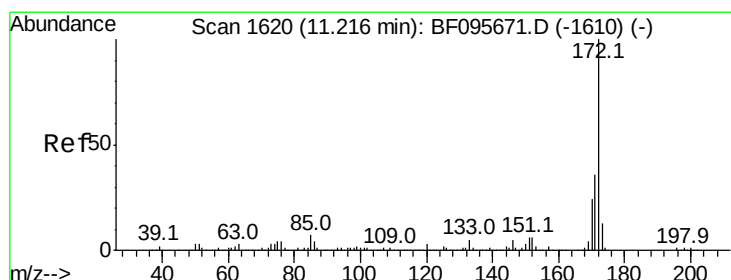
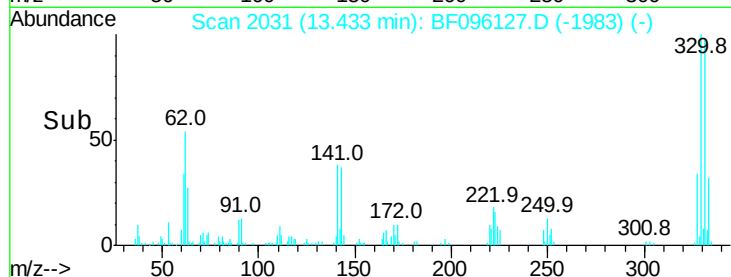
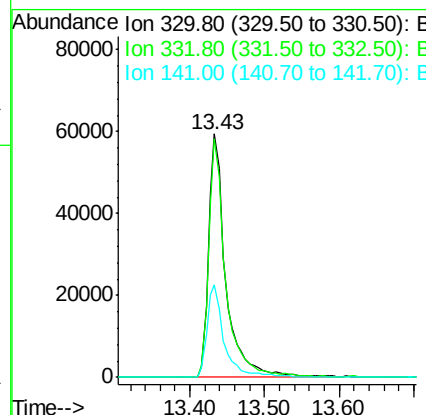
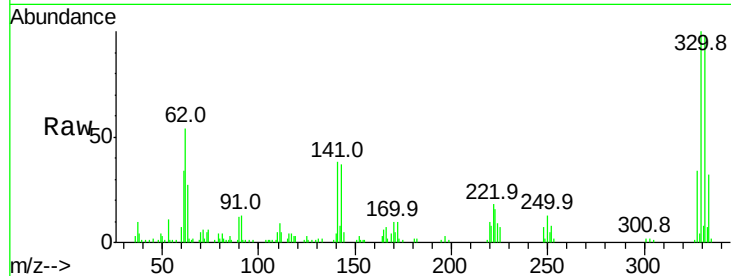
#41
 2,4,6-Tribromophenol
 Concen: 91.23 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096127.D
 Acq: 22 Jun 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	37.8	31.4	47.2

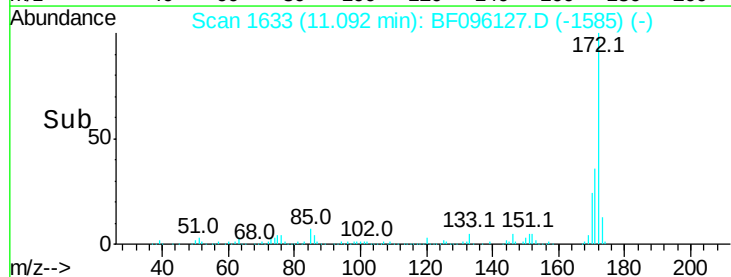
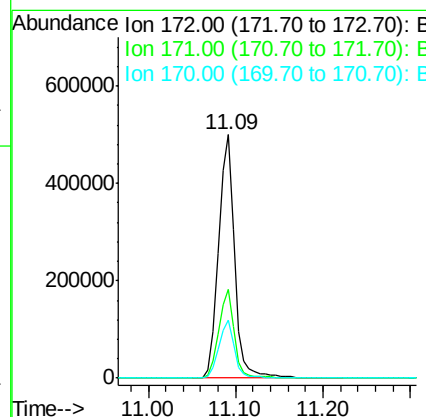
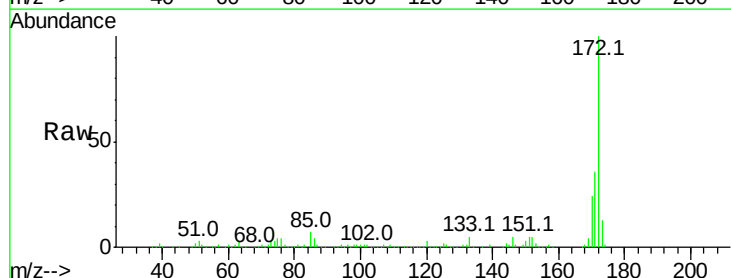
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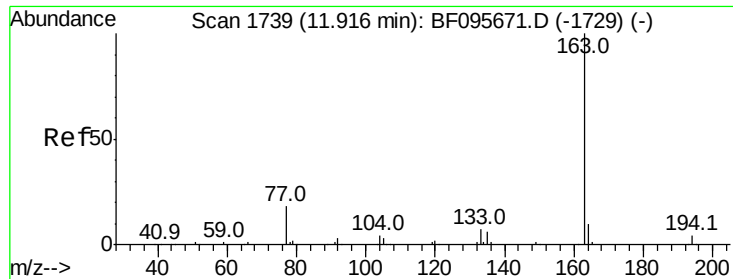
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#44
 2-Fluorobiphenyl
 Concen: 74.76 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096127.D
 Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8





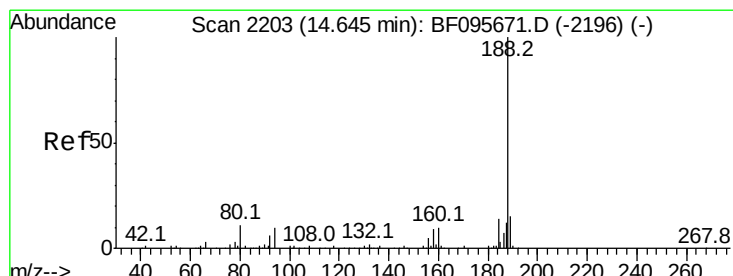
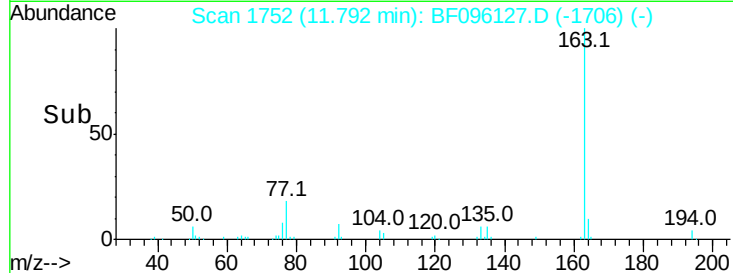
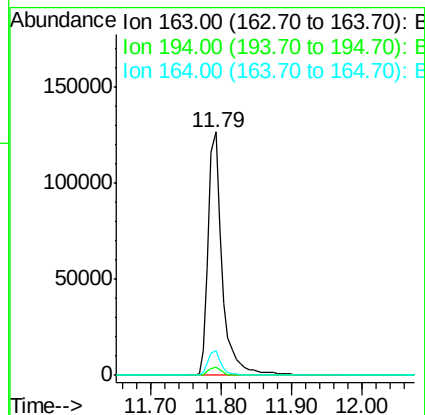
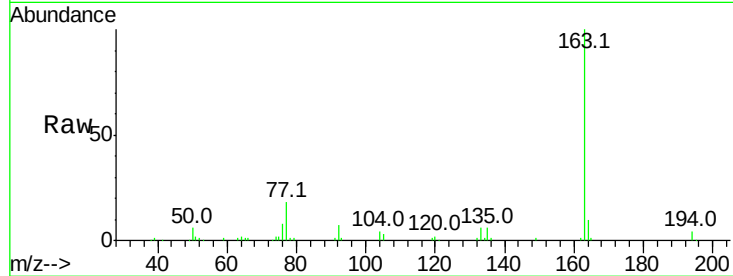
#49
Dimethylphthalate
Concen: 19.37 ng
RT: 11.79 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11

Tot Ion	Ratio	Resp	Lower	Upper
163	100	175223		
194	3.5		2.6	4.0
164	9.9		8.4	12.6

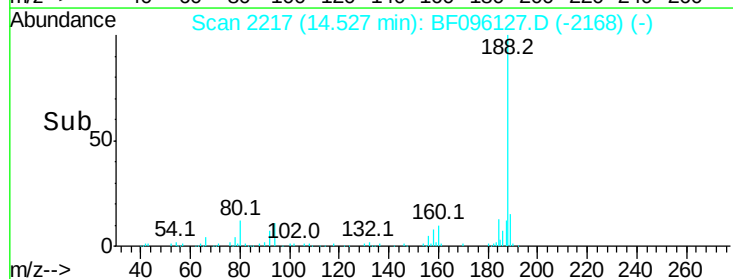
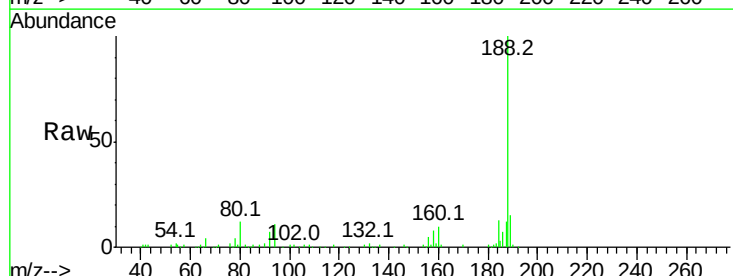
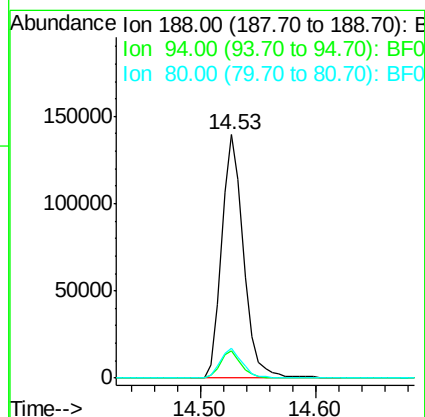
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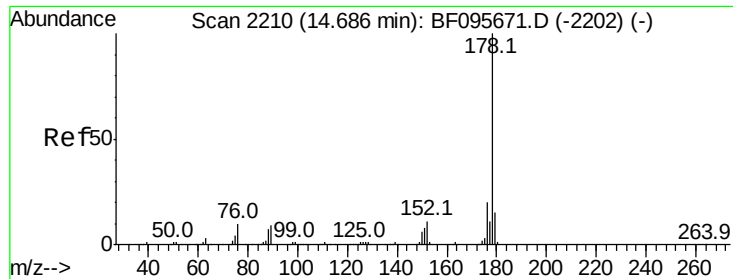
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	183058		
94	11.0		9.4	14.2
80	12.0		10.2	15.2





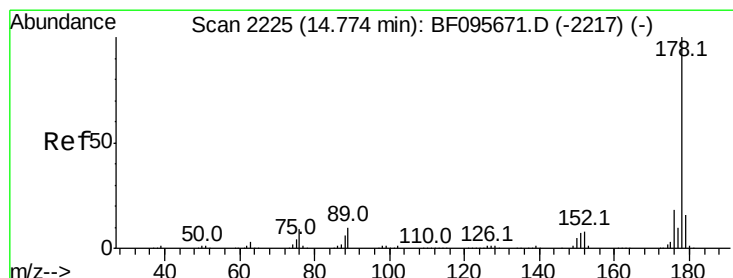
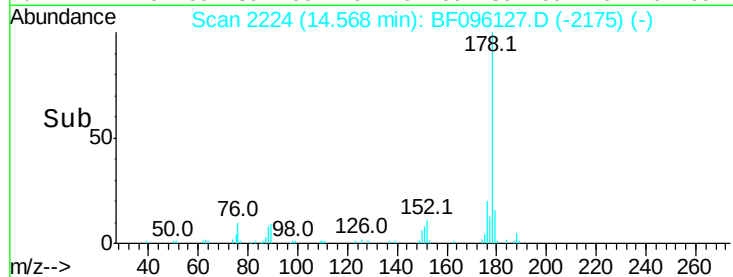
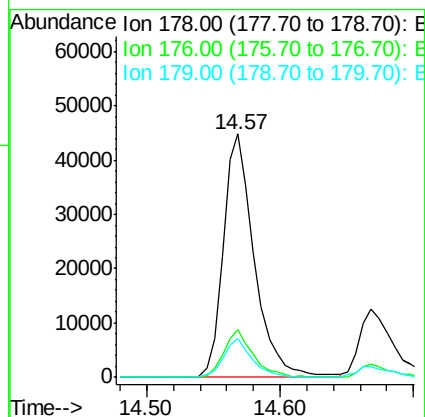
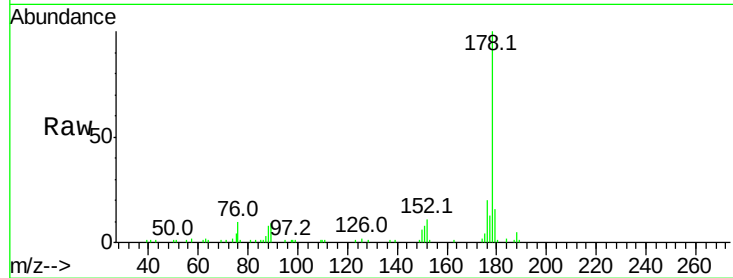
#70
Phenanthrene
Concen: 6.90 ng
RT: 14.57 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.7	12.6	19.0

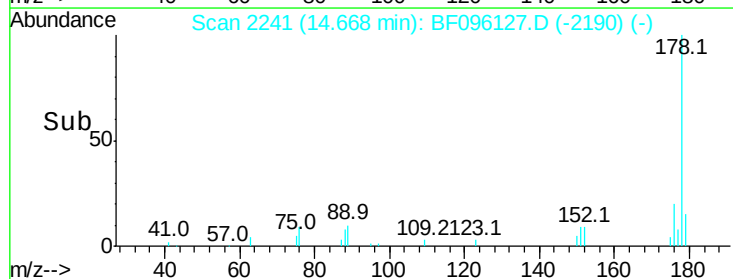
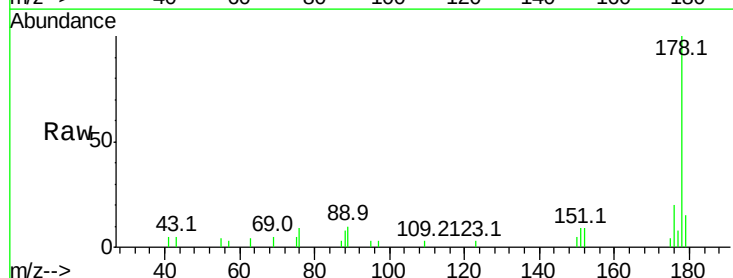
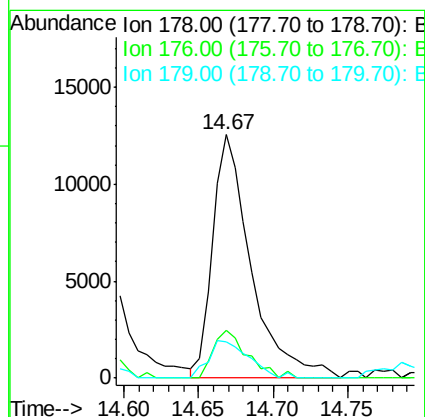
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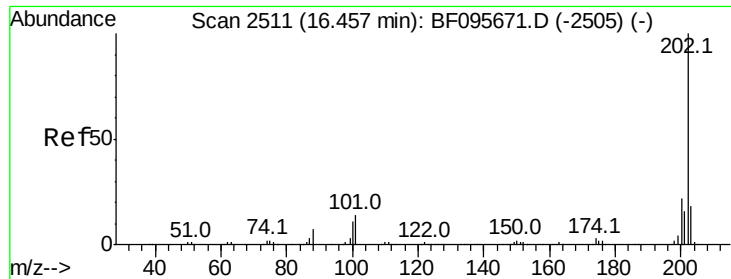
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#71
Anthracene
Concen: 2.04 ng
RT: 14.67 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.9	12.7	19.1





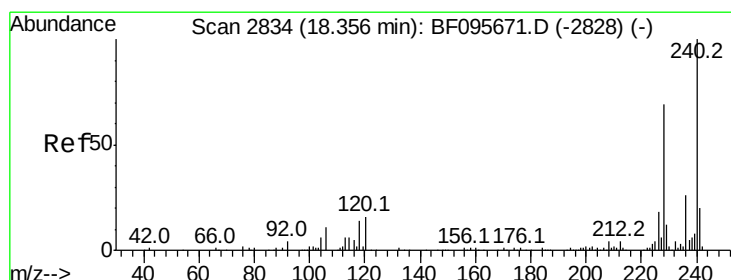
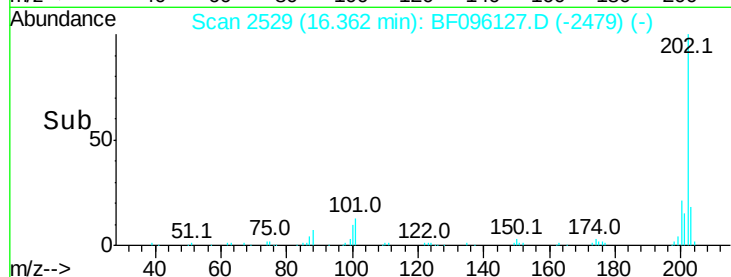
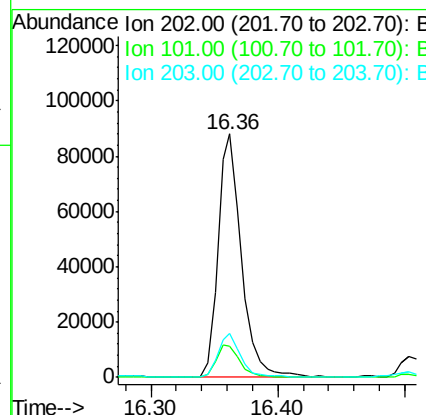
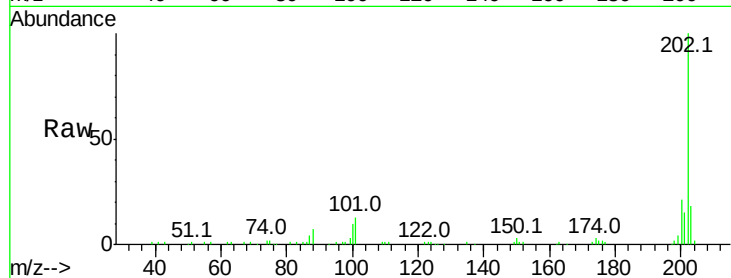
#74
Fluoranthene
 Concen: 10.87 ng
 RT: 16.36 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF096127.D
 Acq: 22 Jun 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 GHD-SB-020304-0-11

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.9	0.0	38.1

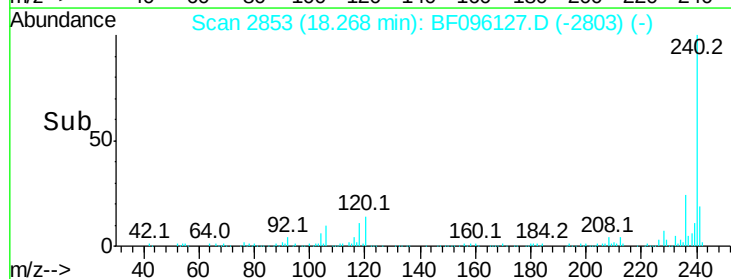
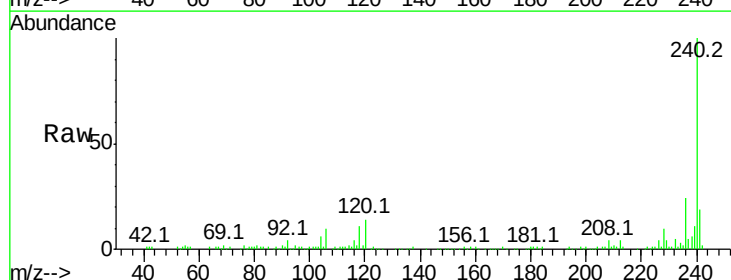
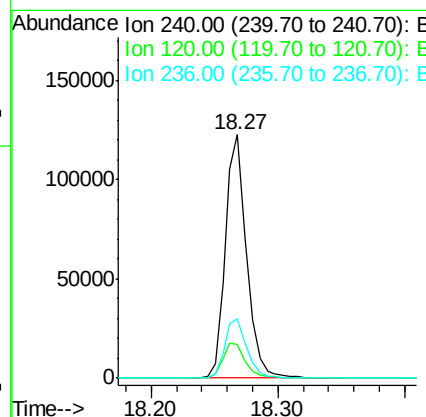
Manual Integrations
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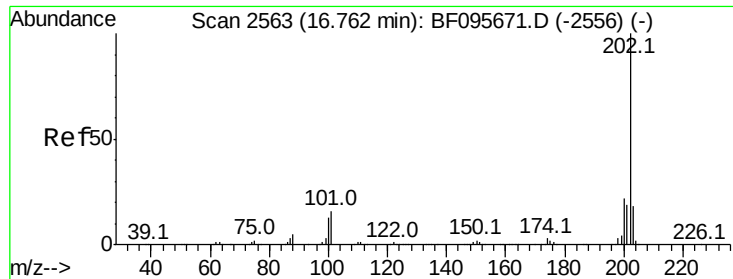
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096127.D
 Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	24.2	20.5	30.7





#77

Pvrene

Concen: 8.97 ng

RT: 16.66 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF096127.D

Acq: 22 Jun 2017 17:54

Instrument :

BNA_F

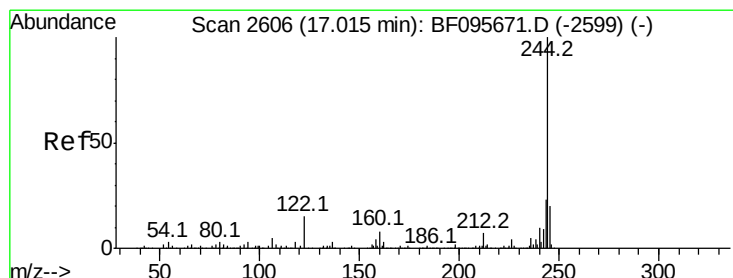
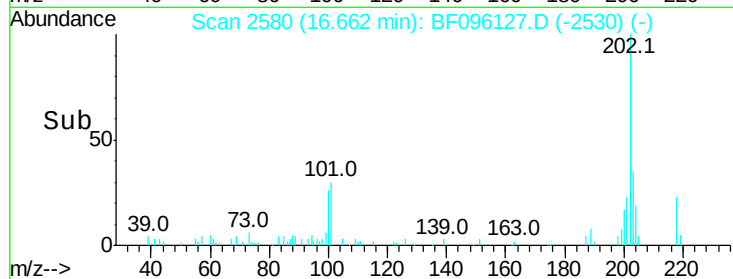
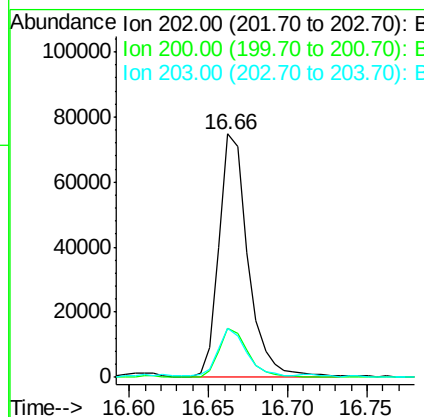
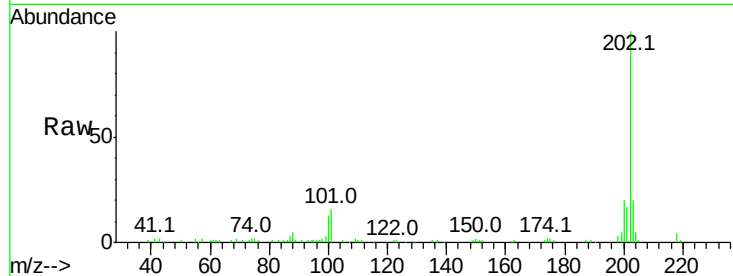
ClientSampleId :

GHD-SB-020304-0-11

Tot Ion:	202	Resp:	95575
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.6	26.4
203	20.2	14.4	21.6

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#78

Terphenyl-d14

Concen: 66.99 ng

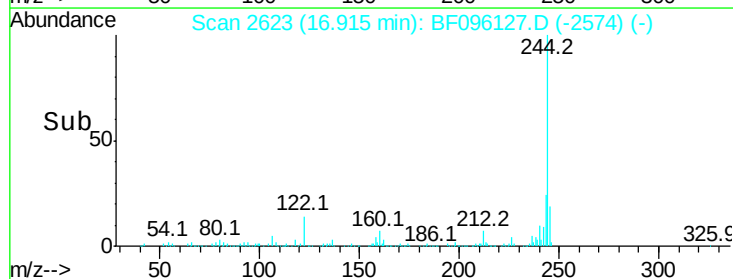
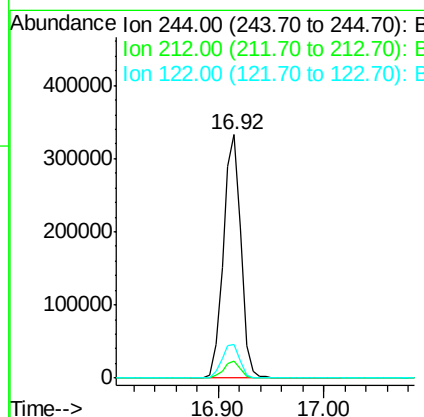
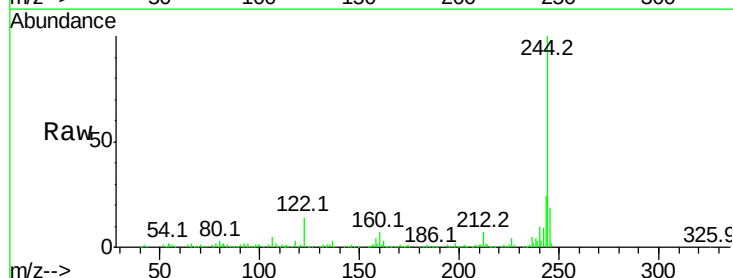
RT: 16.92 min Scan# 2623

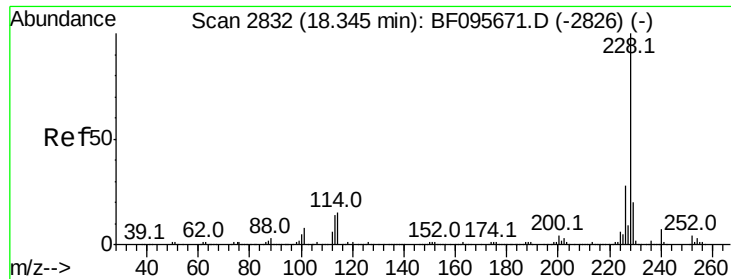
Delta R.T. -0.01 min

Lab File: BF096127.D

Acq: 22 Jun 2017 17:54

Tgt Ion:	244	Resp:	385503
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	13.9	10.3	15.5





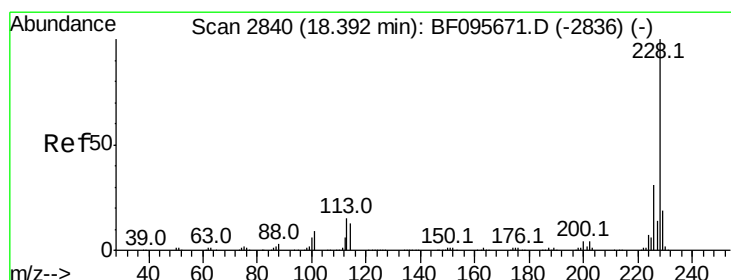
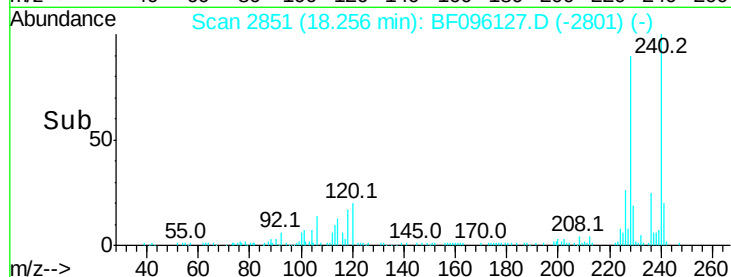
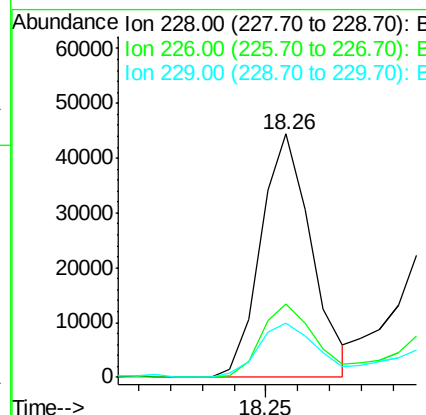
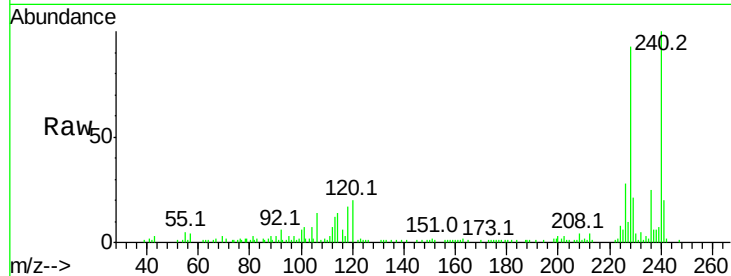
#80
Benzo(a)anthracene
Concen: 5.94 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	22.3	16.3	24.5

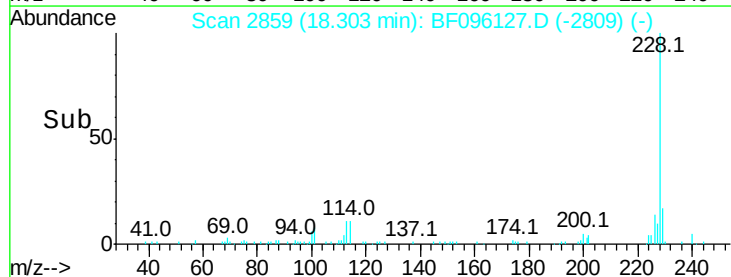
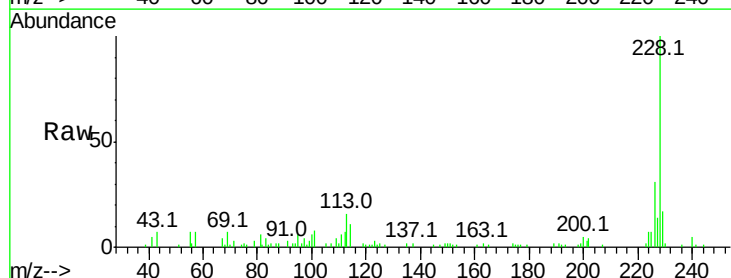
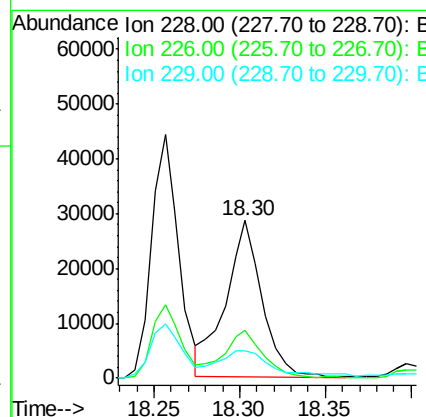
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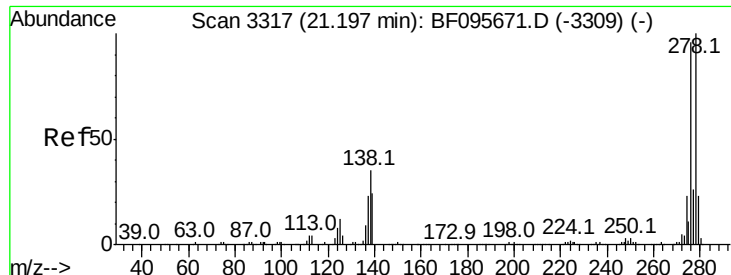
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#82
Chrysene
Concen: 5.13 ng m
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	17.3	15.8	23.6





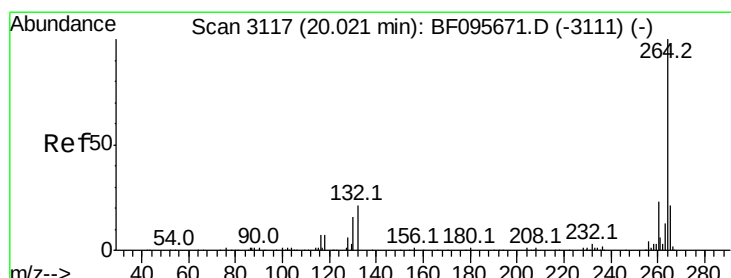
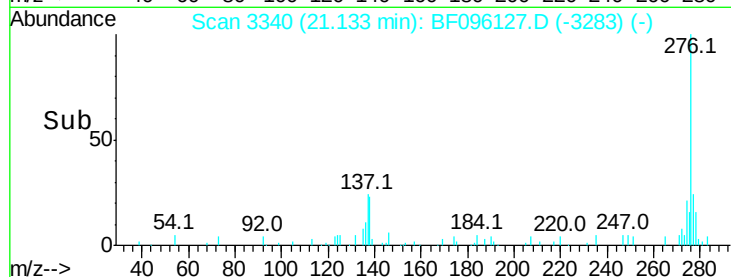
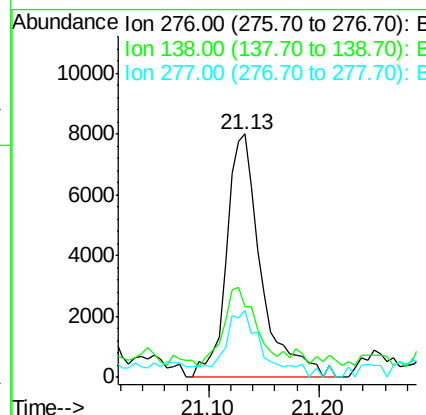
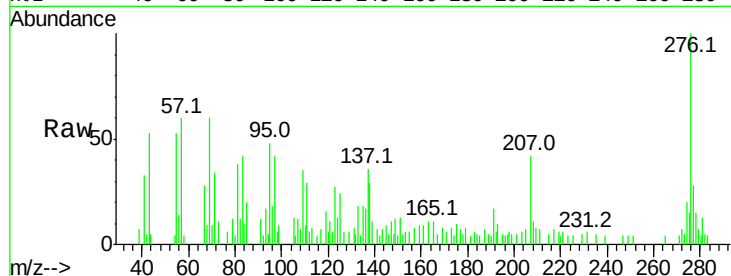
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.47 ng
RT: 21.13 min Scan# 3340
Delta R.T. 0.04 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	19.2	20.2	30.4

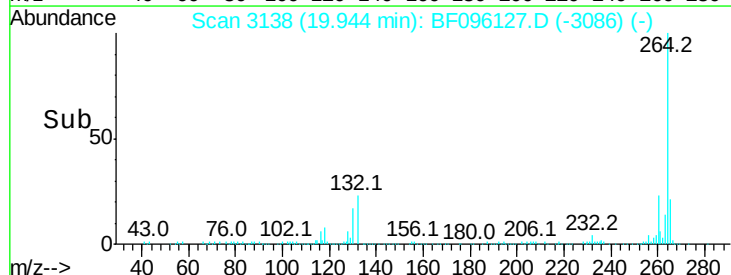
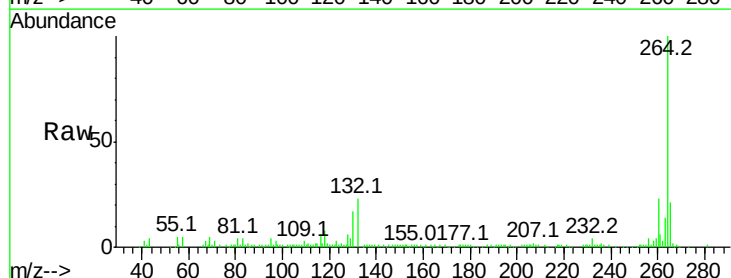
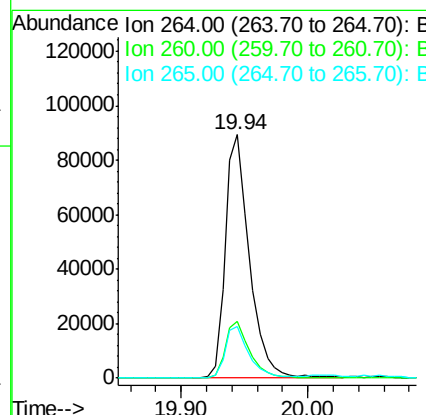
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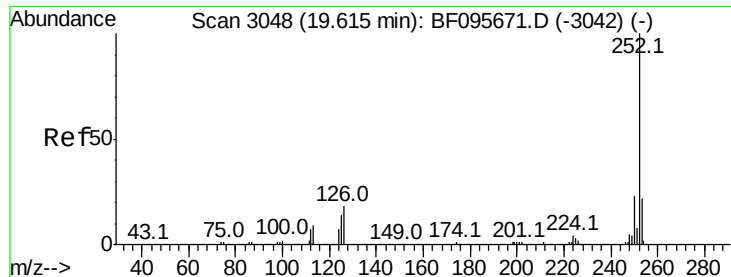
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#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.2	17.2	25.8





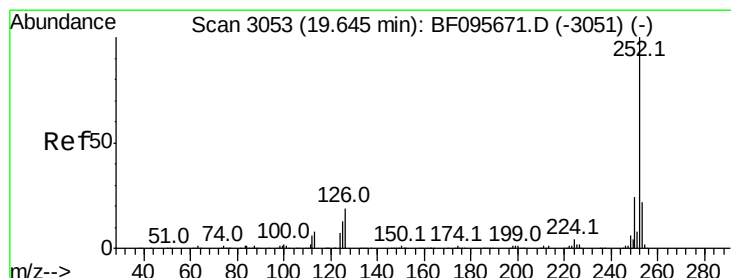
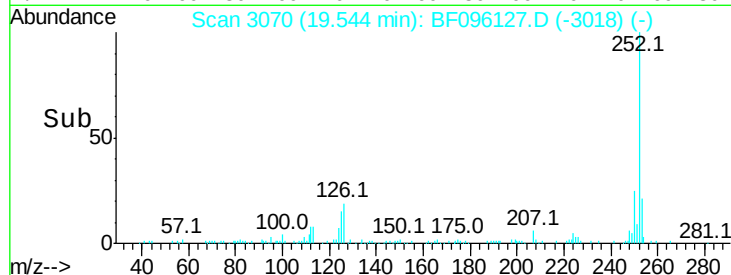
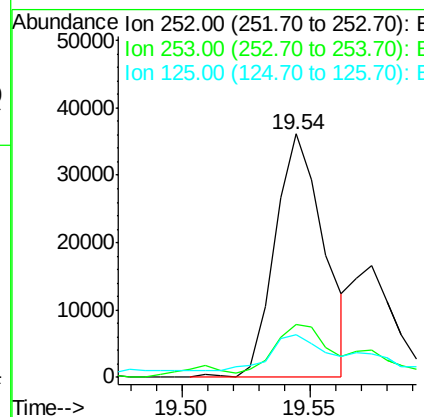
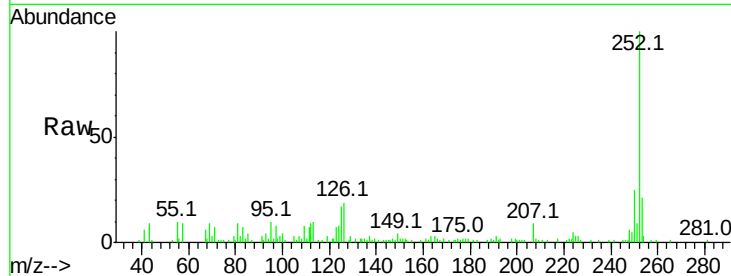
#87
Benzo(b)fluoranthene
Concen: 6.48 ng m
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	17.3	9.8	14.8

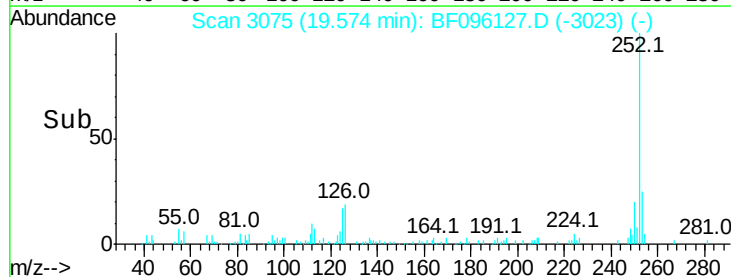
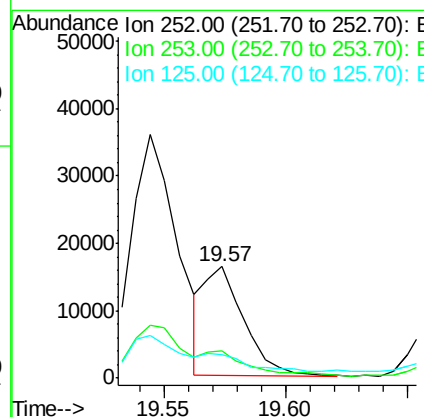
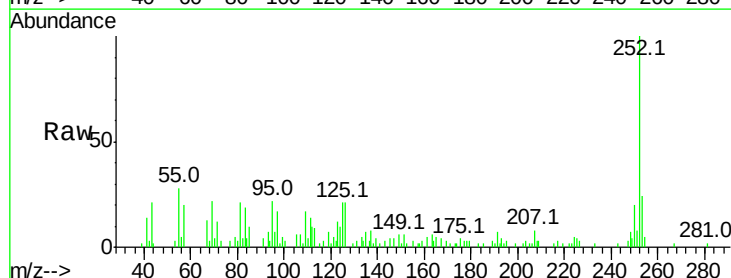
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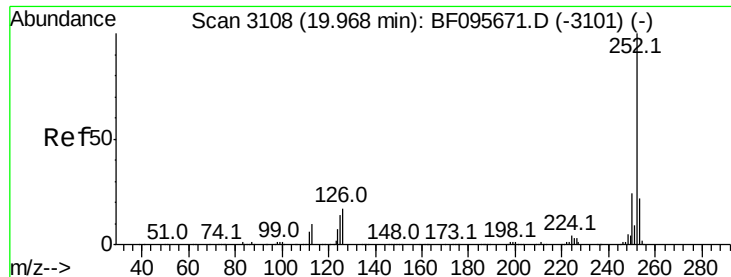
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#88
Benzo(k)fluoranthene
Concen: 2.59 ng m
RT: 19.57 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	21.1	13.1	19.7





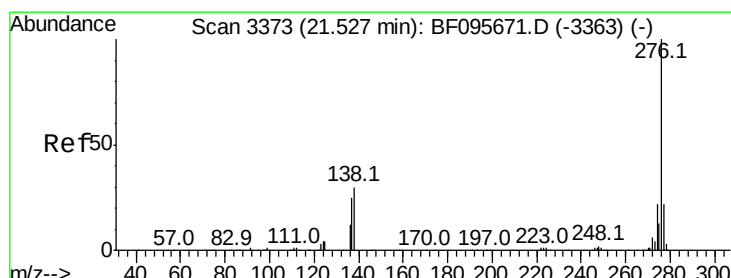
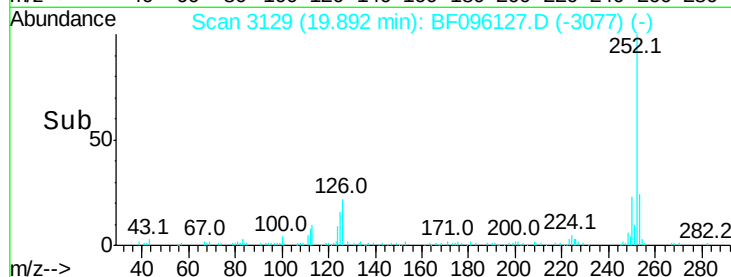
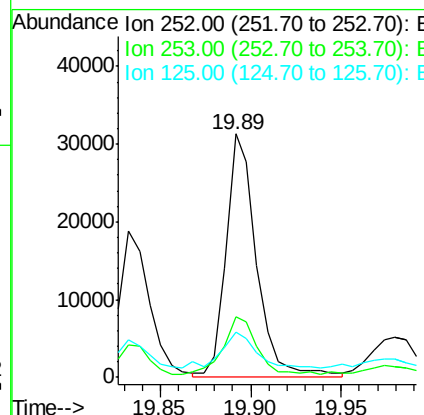
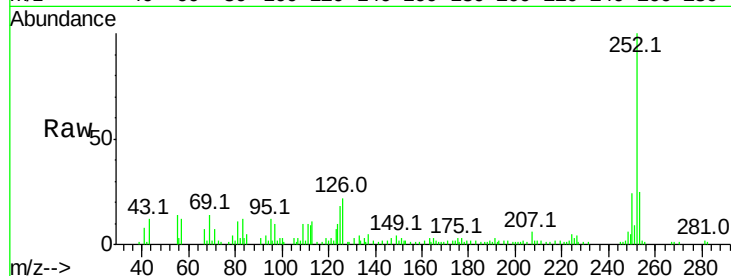
#89
Benzo(a)pyrene
Concen: 5.38 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	18.4	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.56 ng
RT: 21.46 min Scan# 3396
Delta R.T. 0.04 min
Lab File: BF096127.D
Acq: 22 Jun 2017 17:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	35.8	25.4	38.0

