

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096026.D
 Acq On : 20 Jun 2017 4:08
 Operator : SJ/MA
 Sample : I3688-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G25-1.5-3

Manual Integrations
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 6/20/2017 4:29:33 PM

Quant Time: Jun 20 08:14:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	64599	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	254767	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	101188	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	146874	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	133291	20.00	ng	-0.02
86) Perylene-d12	19.96	264	96148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	544000	134.19	ng	-0.01
7) Phenol-d6	6.89	99	638162	131.49	ng	-0.02
23) Nitrobenzene-d5	8.23	82	365799	89.17	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	88441	98.79	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	667887	91.85	ng	-0.02
78) Terphenyl-d14	16.93	244	399854	74.45	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	9.37	128	96807	7.57	ng	100
37) 2-Methylnaphthalene	10.50	142	78650	9.10	ng	95
49) Dimethylphthalate	11.82	163	79397	10.33	ng	100
54) Dibenzofuran	12.51	168	20838	2.30	ng	96
70) Phenanthrene	14.59	178	49361	5.82	ng	98
74) Fluoranthene	16.38	202	41182	4.91	ng	98
77) Pyrene	16.69	202	39189	3.94	ng	96
80) Benzo(a)anthracene	18.27	228	24297	3.14	ng	# 92
82) Chrysene	18.32	228	32412	4.19	ng	# 94
87) Benzo(b)fluoranthene	19.56	252	35997m	5.98	ng	
89) Benzo(a)pyrene	19.90	252	17326	3.13	ng	# 81
91) Benzo(a,h,i)perylene	21.47	276	12509	2.61	ng	# 85

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

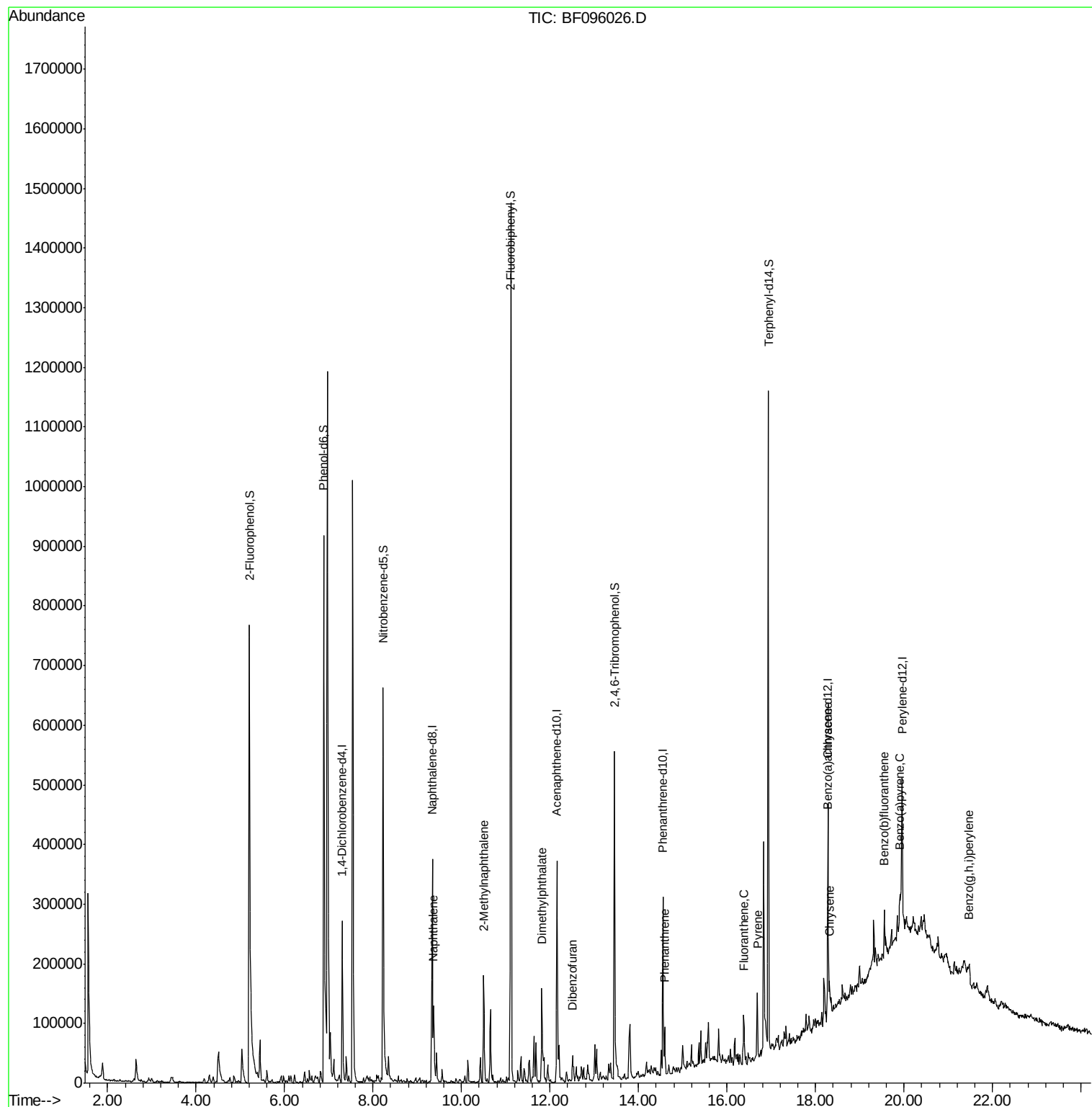
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096026.D
Acq On : 20 Jun 2017 4:08
Operator : SJ/MA
Sample : I3688-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

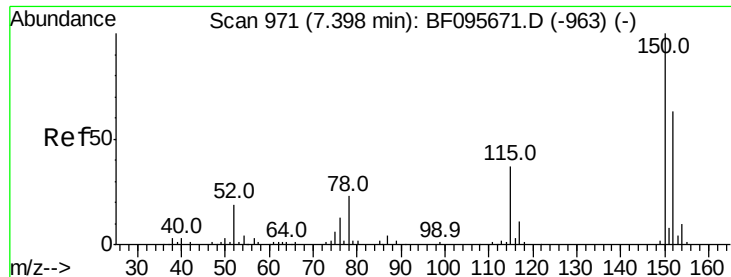
Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

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#1

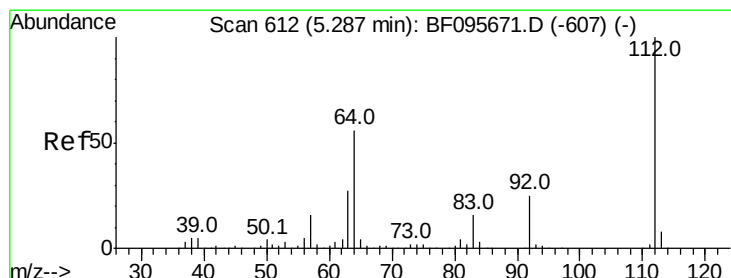
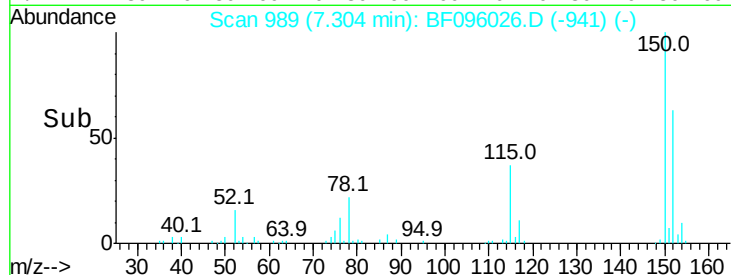
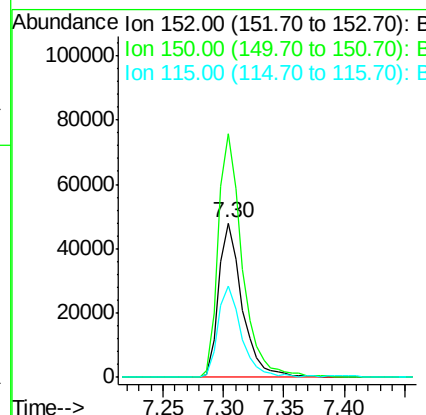
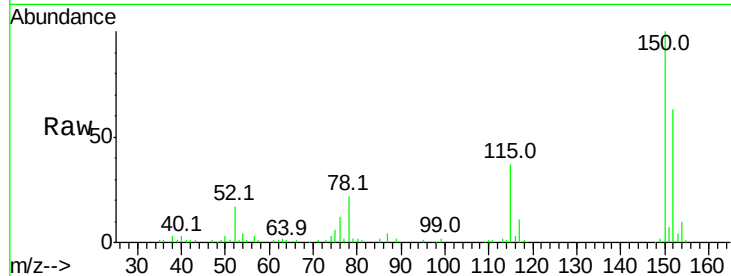
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	59.0	52.2	78.2

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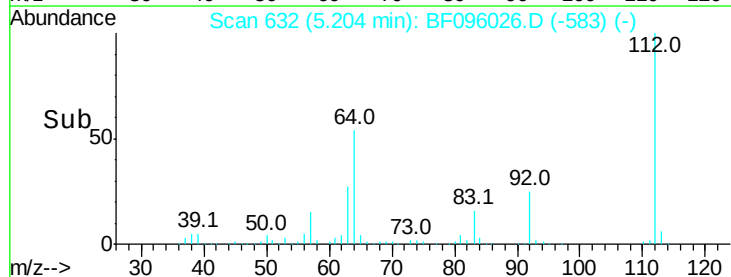
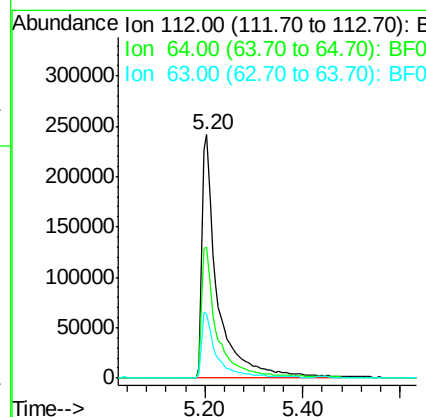
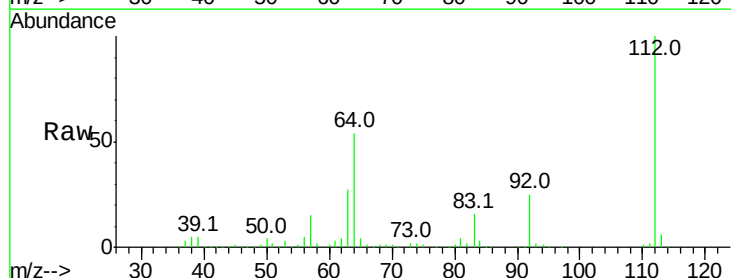
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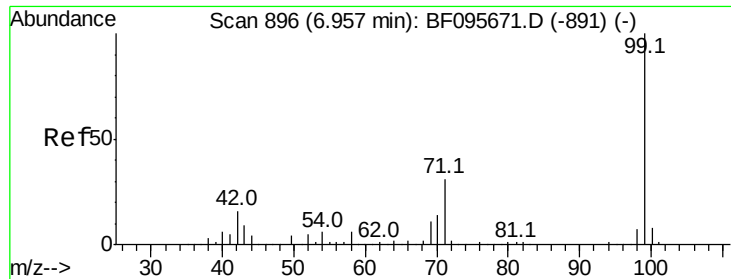


#5

2-Fluorophenol
Concen: 134.19 ng
RT: 5.20 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.6	23.4	35.0





#7

Phenol-d6

Concen: 131.49 ng

RT: 6.89 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF096026.D

Acq: 20 Jun 2017 4:08

Instrument :

BNA_F

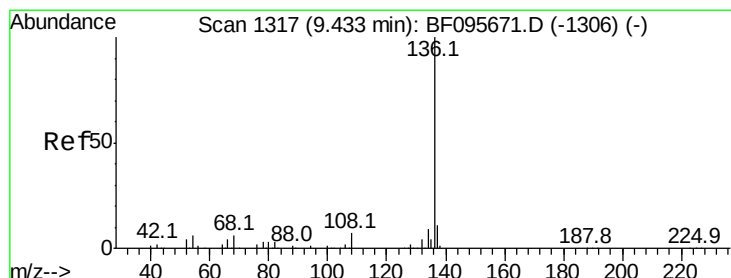
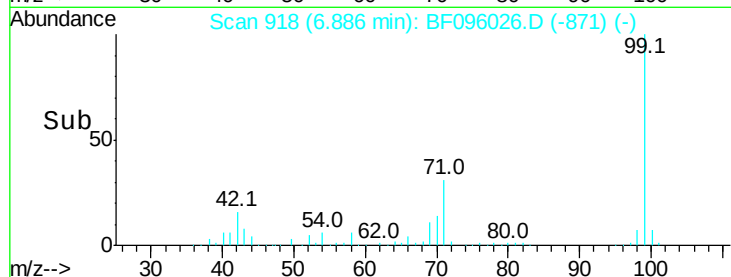
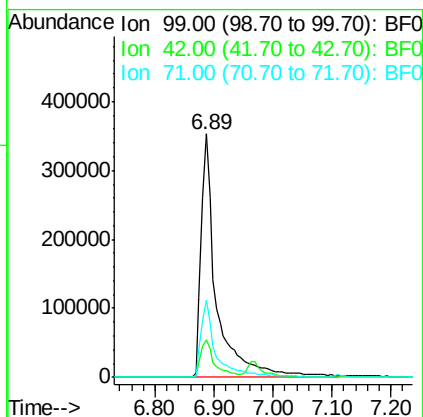
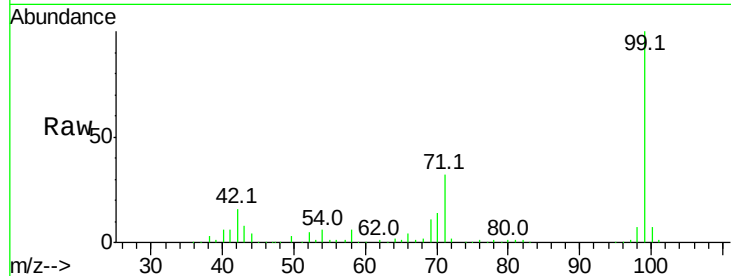
ClientSampleId :

G25-1.5-3

Tot Ion:	99	Resp:	638162
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	31.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

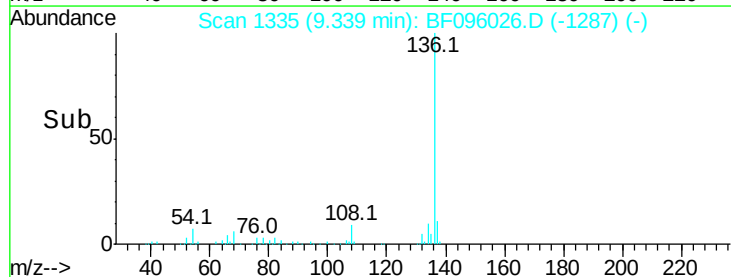
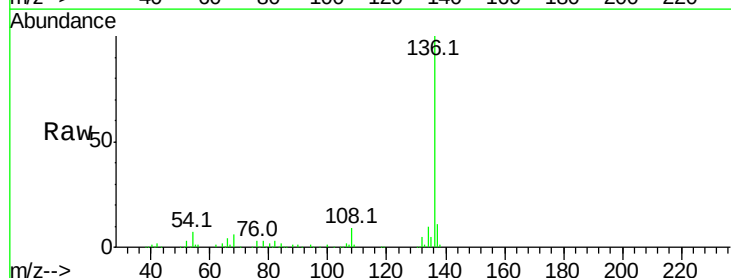
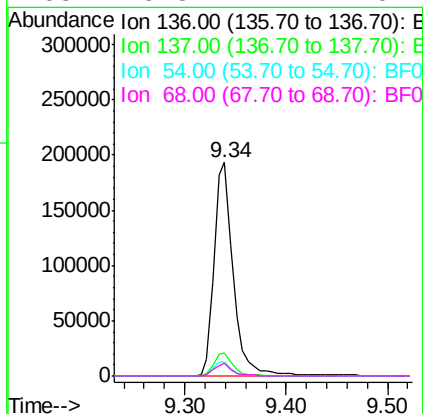
RT: 9.34 min Scan# 1335

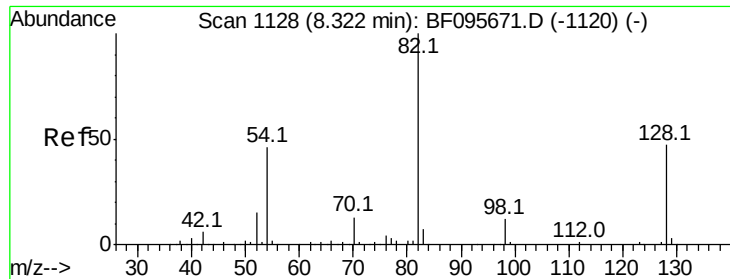
Delta R.T. -0.02 min

Lab File: BF096026.D

Acq: 20 Jun 2017 4:08

Tgt Ion:	136	Resp:	254767
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.8	4.1	6.1





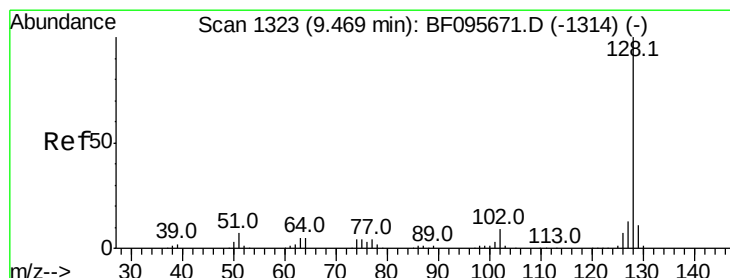
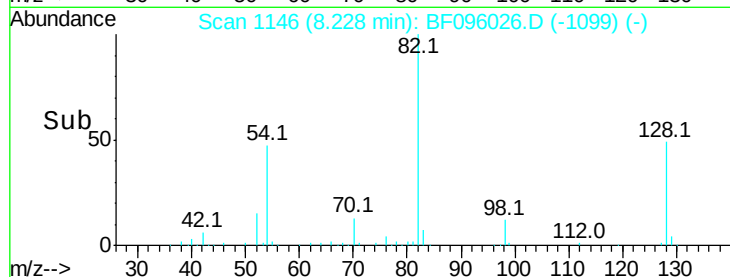
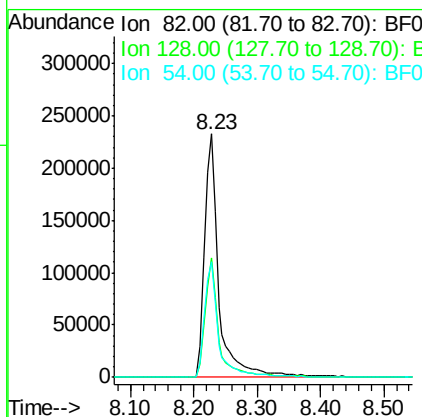
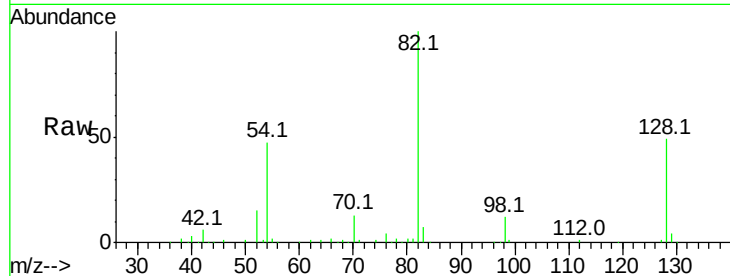
#23
Nitrobenzene-d5
Concen: 89.17 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	34.0	51.0	
54	47.3	42.2	63.2	

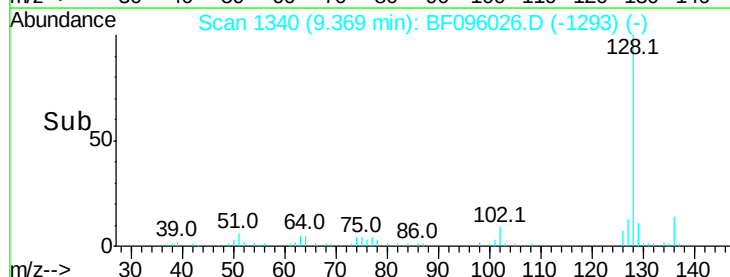
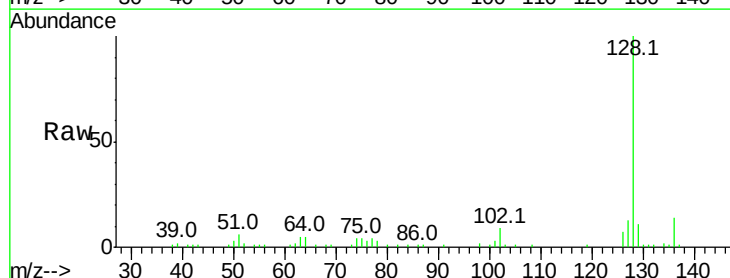
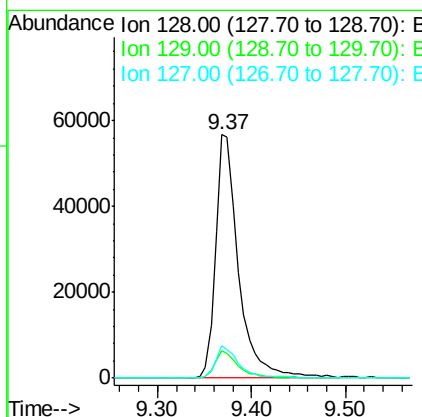
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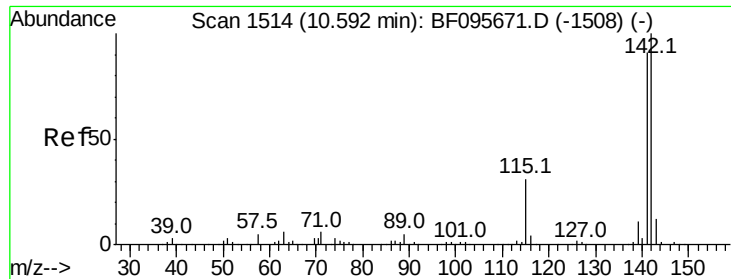
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#31
Naphthalene
Concen: 7.57 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.6	
127	13.4	10.8	16.2	





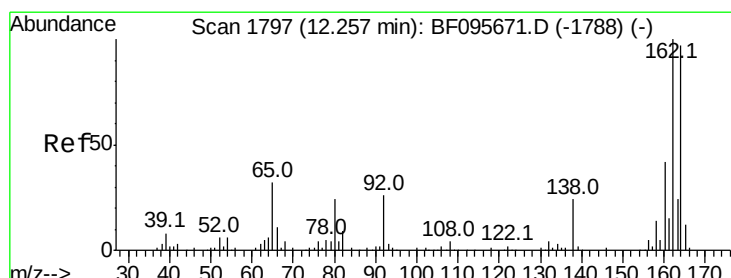
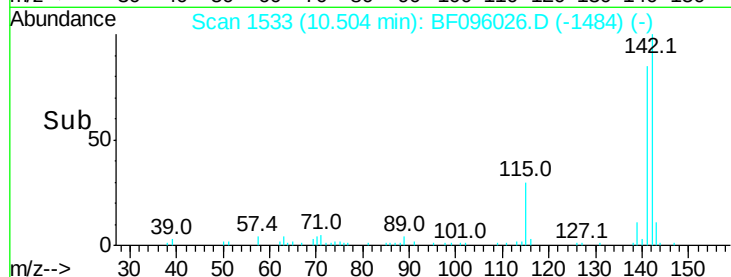
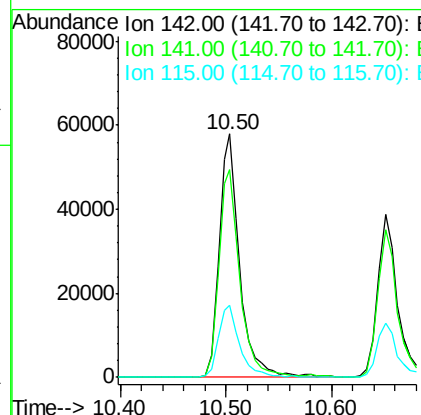
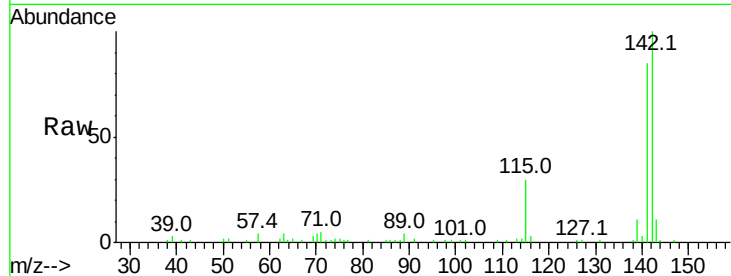
#37
2-Methylnaphthalene
Concen: 9.10 ng
RT: 10.50 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.4	71.3	106.9
115	29.8	27.1	40.7

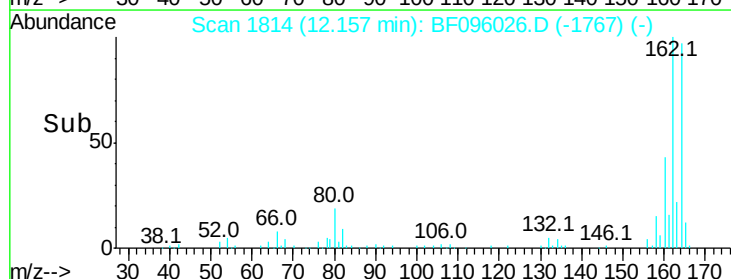
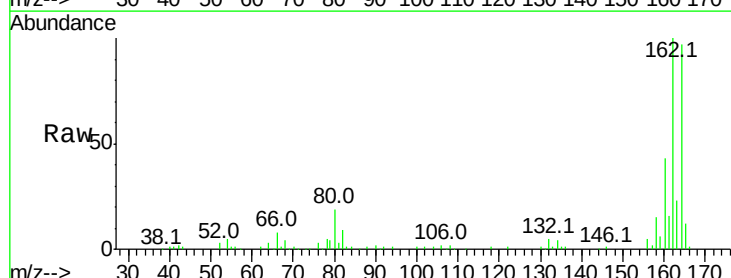
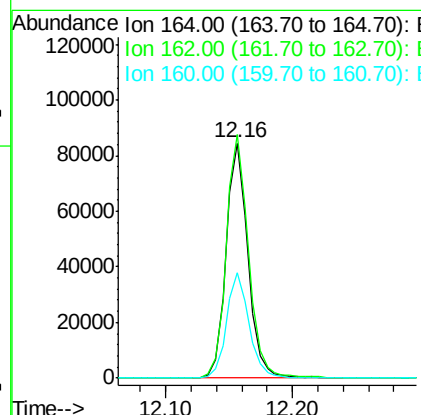
Manual Integrations
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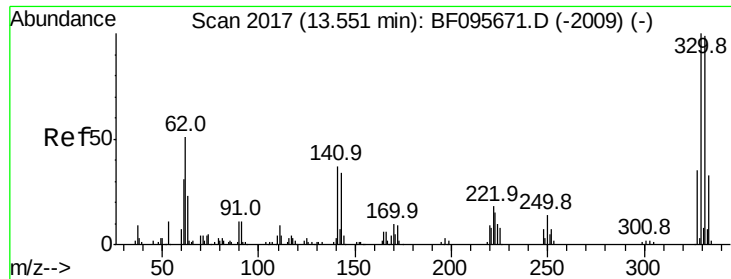
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	44.6	36.2	54.2





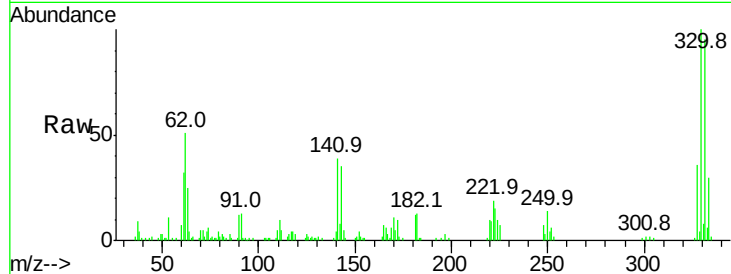
#41
2,4,6-Tribromophenol
Concen: 98.79 ng
RT: 13.46 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

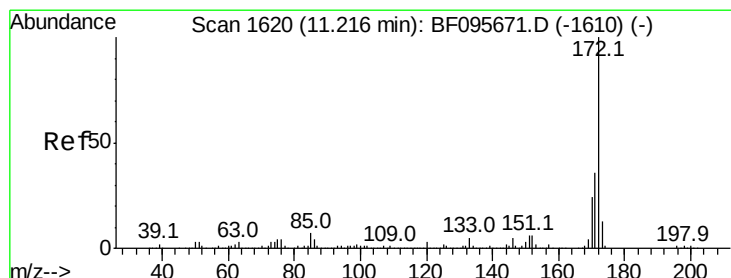
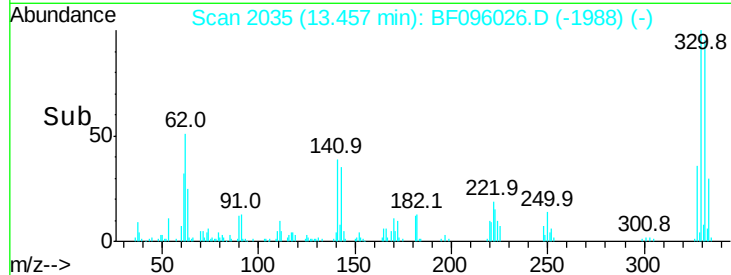
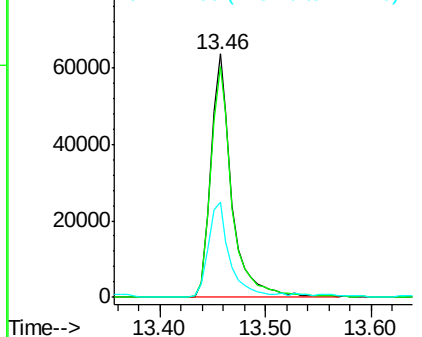
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.9	31.4	47.2

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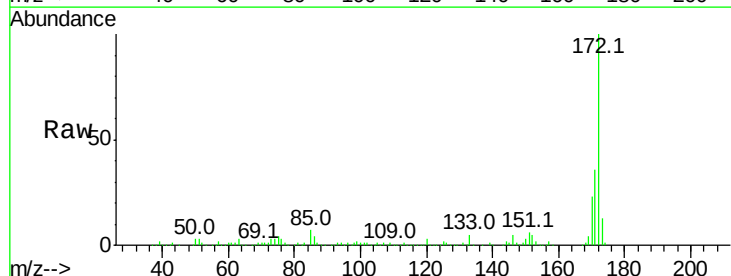


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

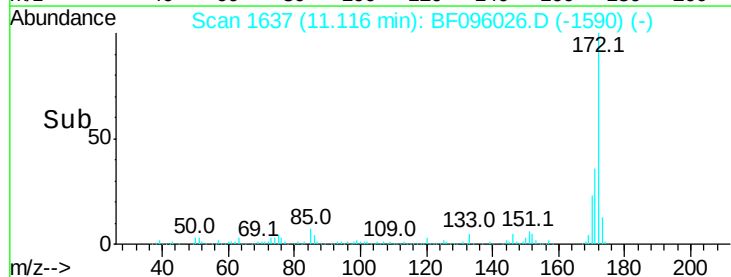
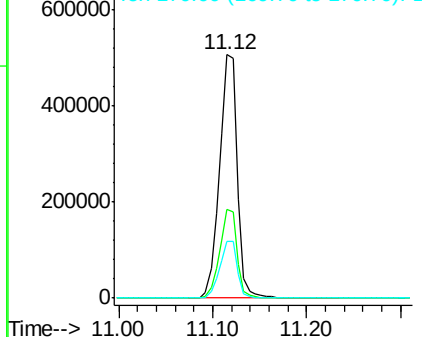


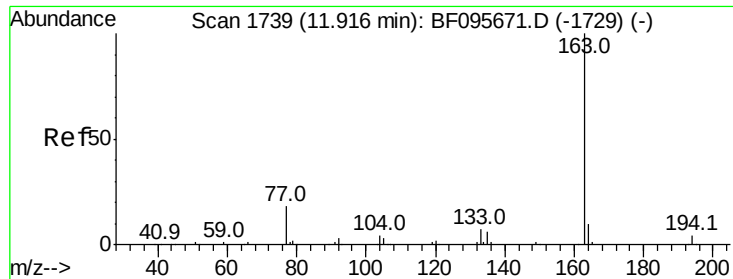
#44
2-Fluorobiphenyl
Concen: 91.85 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.4	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





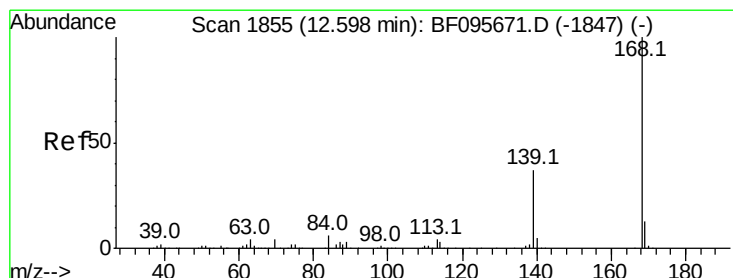
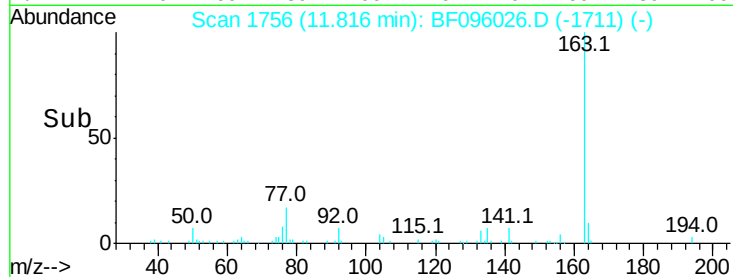
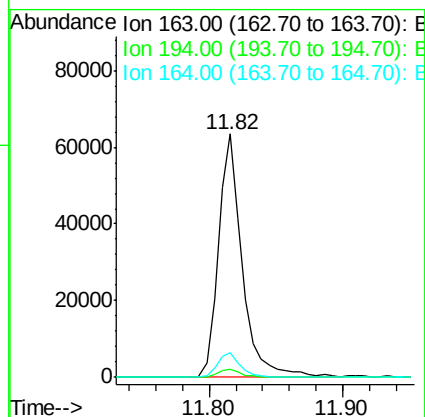
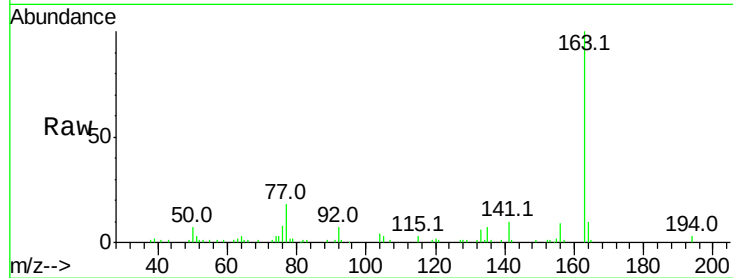
#49
Dimethylphthalate
Concen: 10.33 ng
RT: 11.82 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6

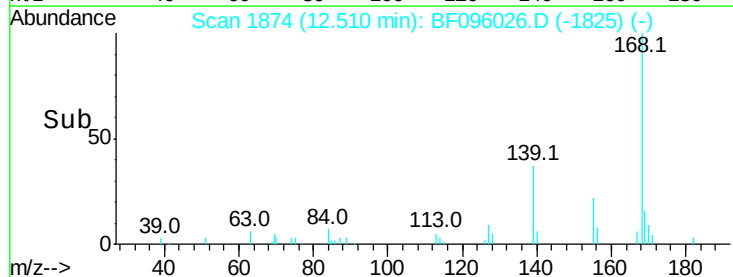
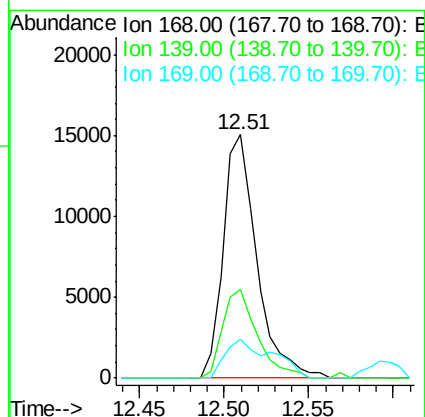
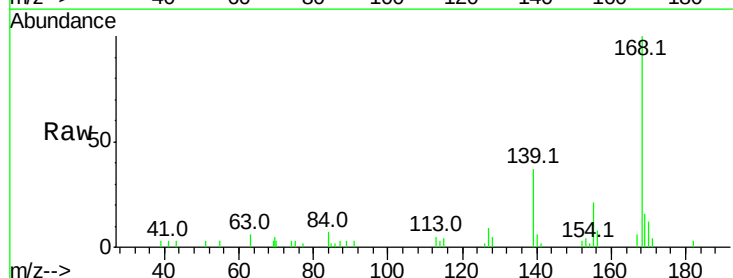
Manual Integrations
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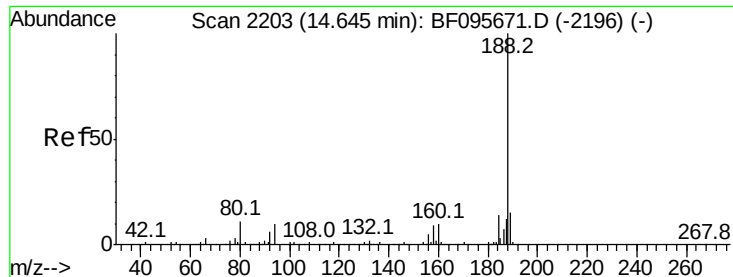
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#54
Dibenzofuran
Concen: 2.30 ng
RT: 12.51 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.6	45.8
169	16.1	10.8	16.2





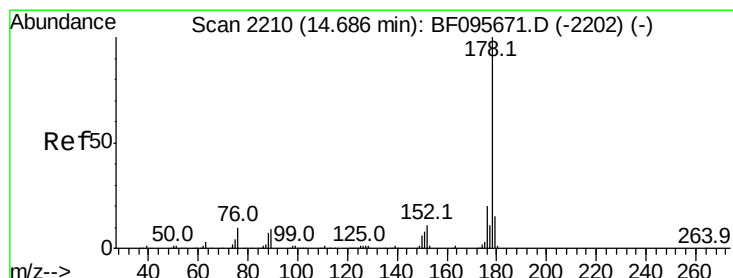
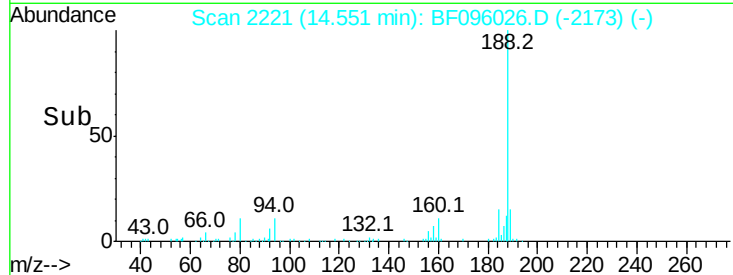
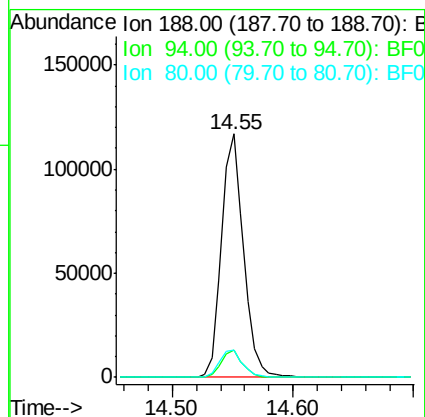
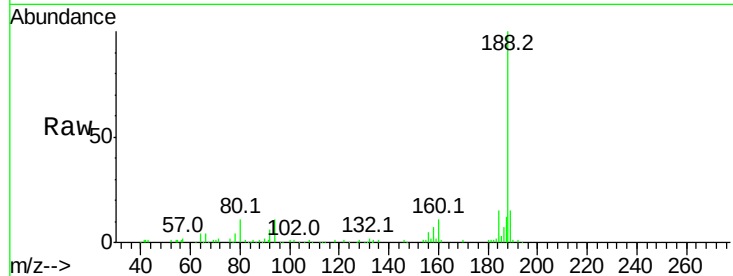
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.4	10.2	15.2

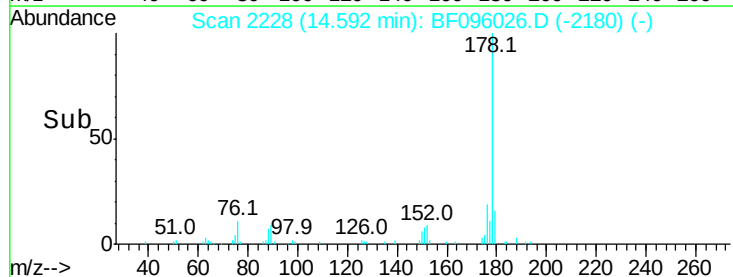
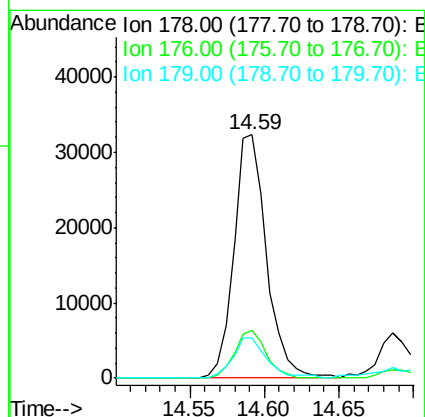
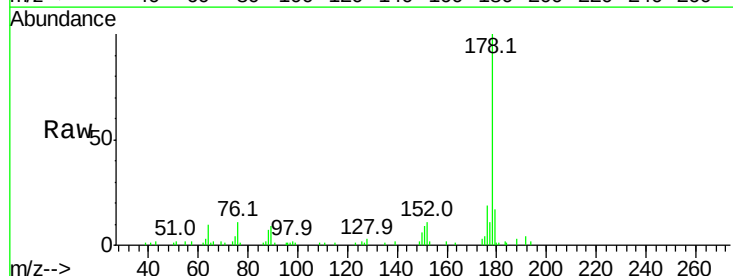
Manual Integrations
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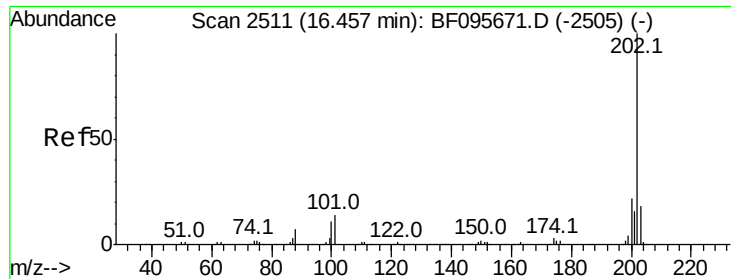
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#70
Phenanthrene
Concen: 5.82 ng
RT: 14.59 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	16.2	24.4
179	16.7	12.6	19.0





#74

Fluoranthene

Concen: 4.91 ng

RT: 16.38 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF096026.D

Acq: 20 Jun 2017 4:08

Instrument :

BNA_F

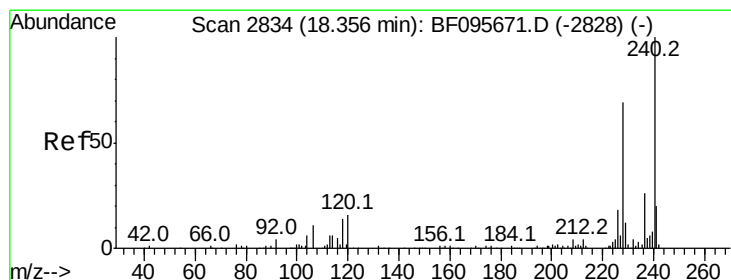
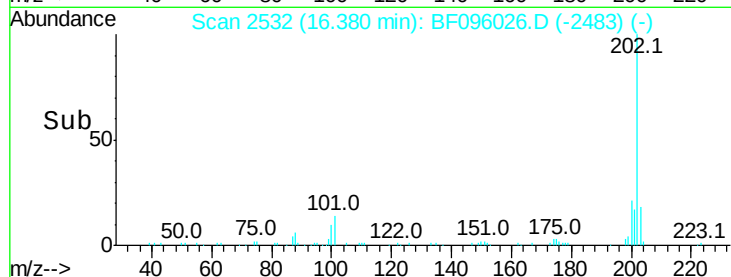
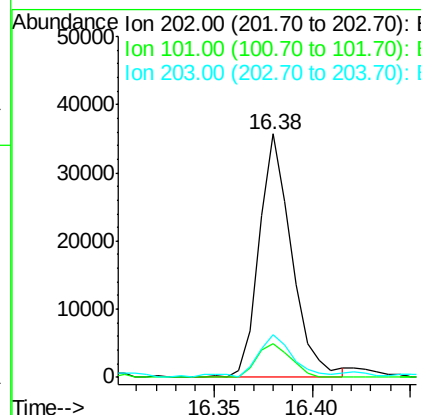
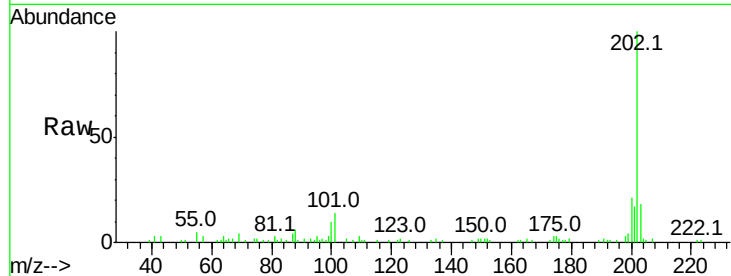
ClientSampleId :

G25-1.5-3

Tot Ion:	202	Resp:	41182
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	33.2
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

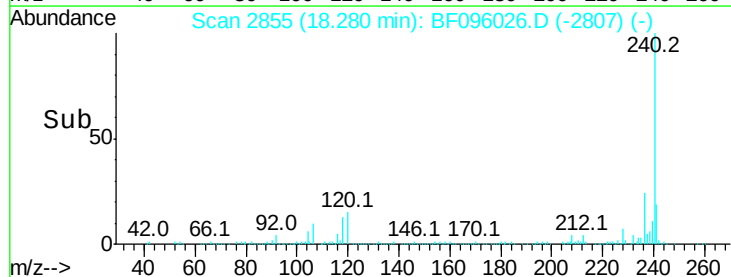
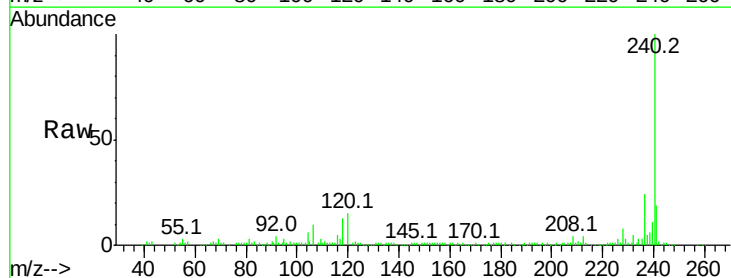
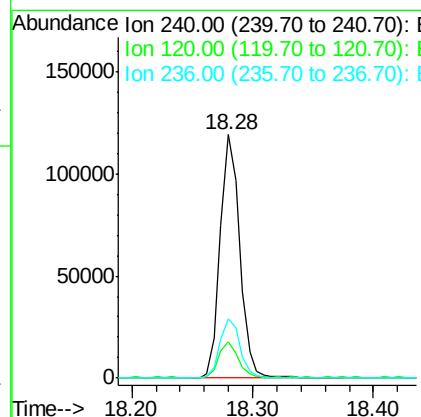
RT: 18.28 min Scan# 2855

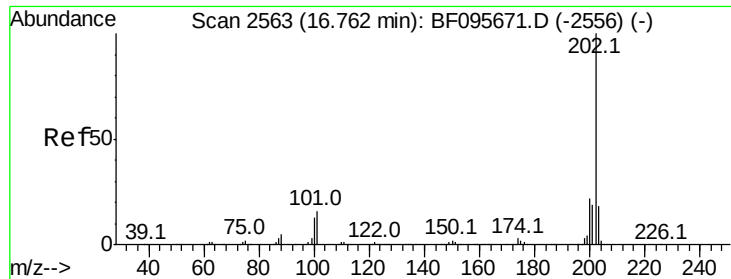
Delta R.T. -0.02 min

Lab File: BF096026.D

Acq: 20 Jun 2017 4:08

Tgt Ion:	240	Resp:	133291
Ion Ratio	Lower	Upper	
240	100		
120	15.1	5.8	8.8#
236	24.4	20.5	30.7





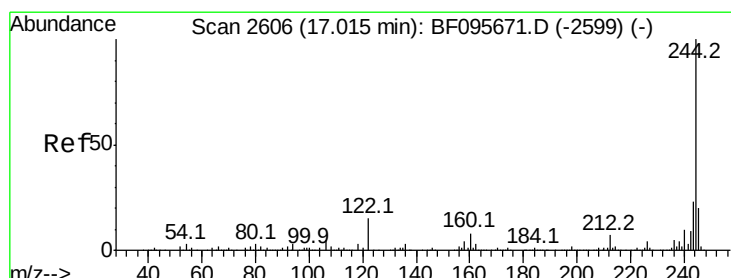
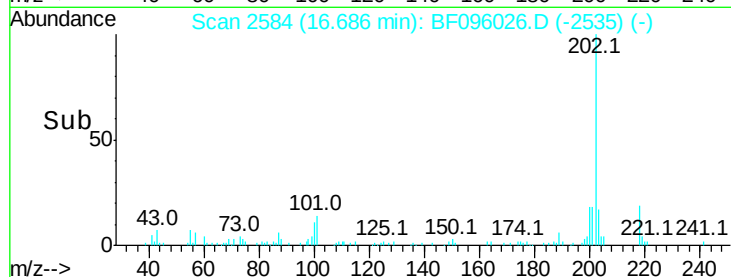
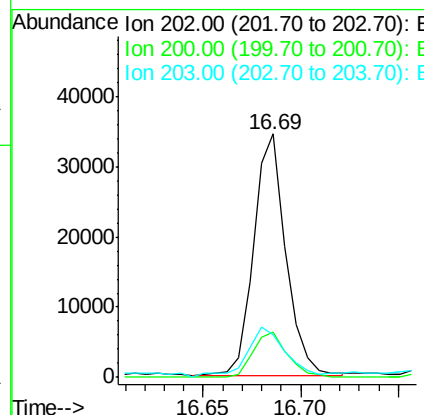
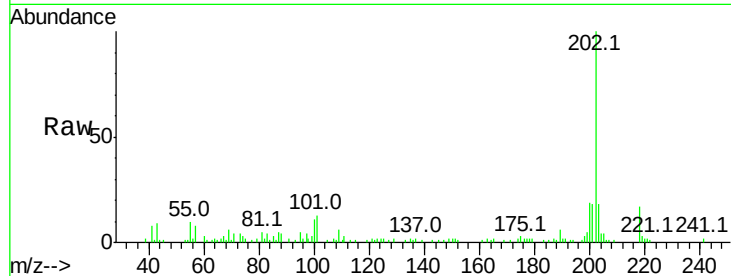
#77
Pvrene
Concen: 3.94 ng
RT: 16.69 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	18.7	17.6	26.4
203	17.8	14.4	21.6

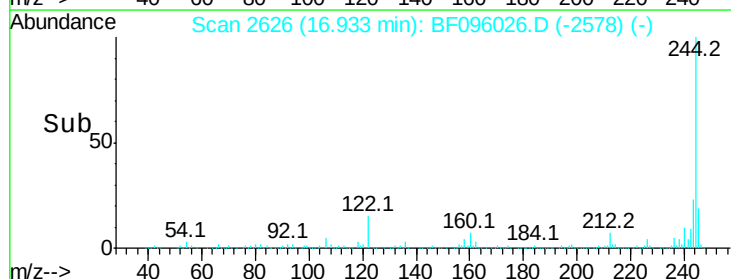
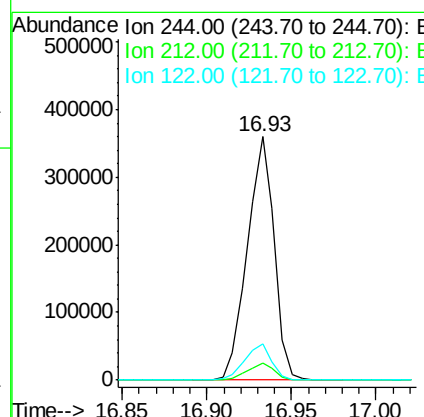
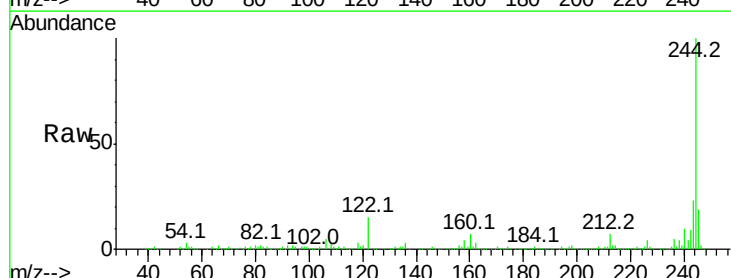
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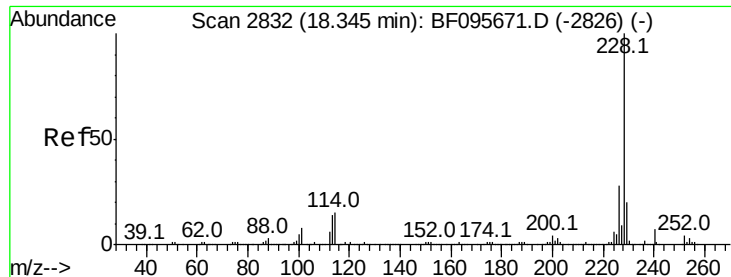
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#78
Terphenyl-d14
Concen: 74.45 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.1	10.3	15.5





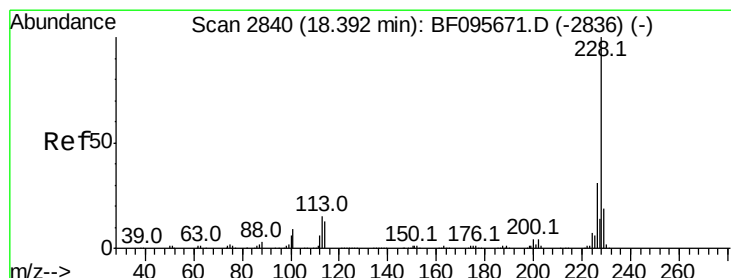
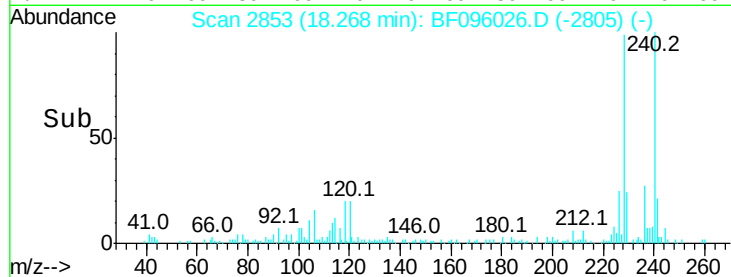
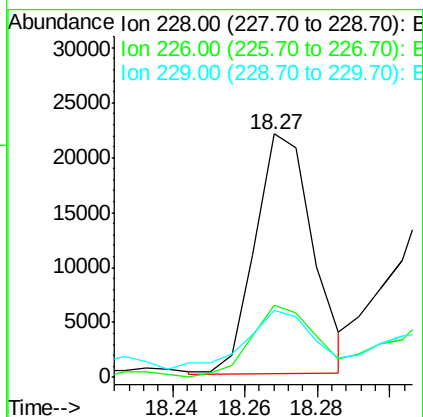
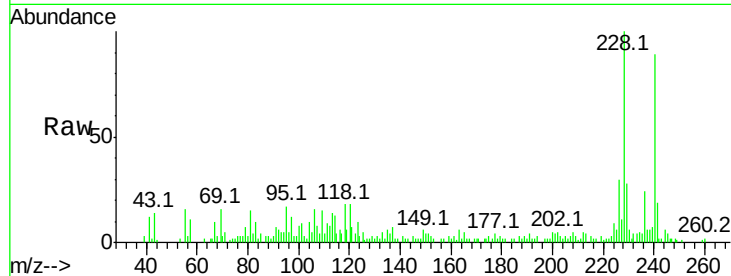
#80
Benzo(a)anthracene
Concen: 3.14 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampled :
G25-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	29.6	22.6	33.8
229	27.5	16.3	24.5

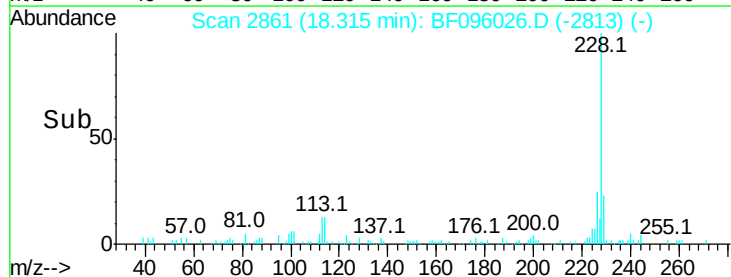
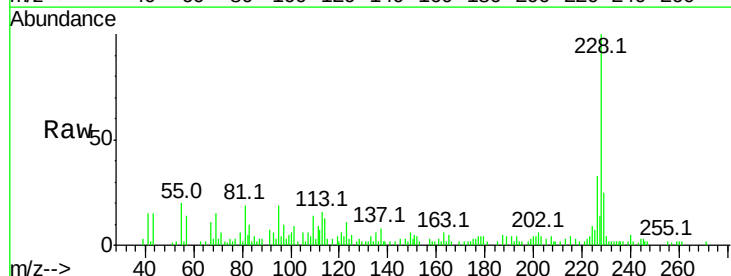
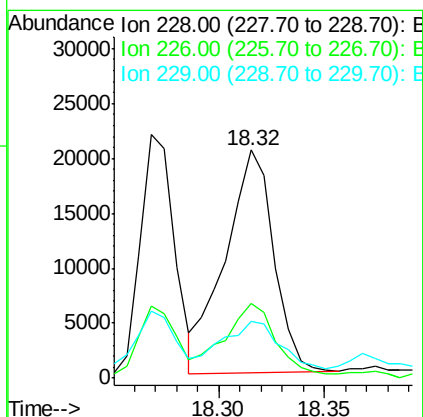
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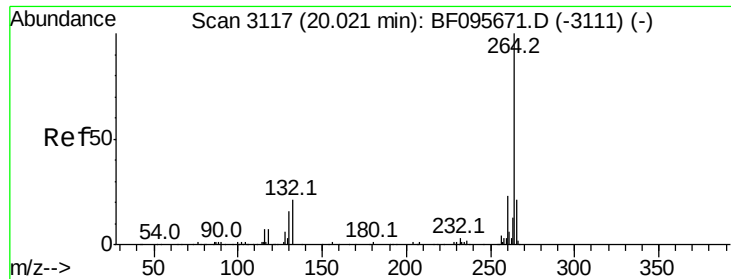
mohammad
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#82
Chrysene
Concen: 4.19 ng
RT: 18.32 min Scan# 2861
Delta R.T. -0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.8	24.9	37.3
229	24.8	15.8	23.6





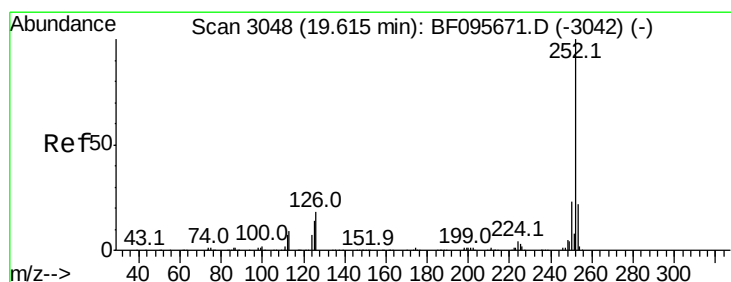
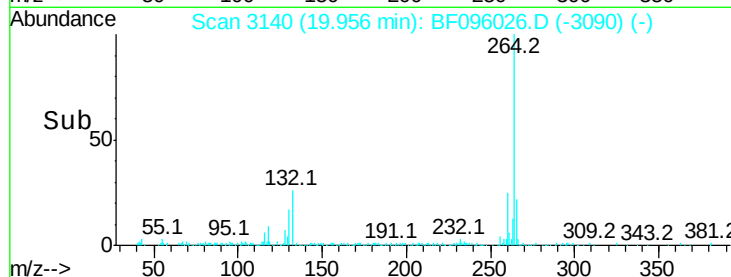
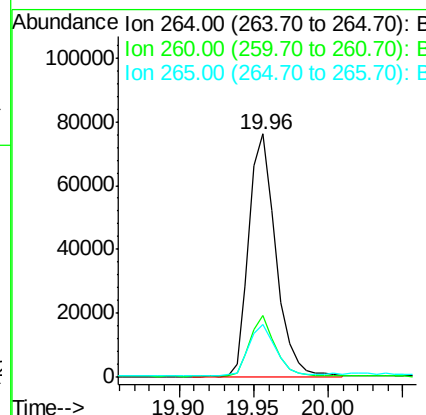
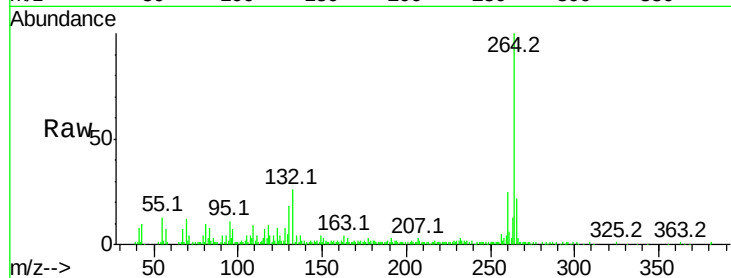
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampled :
G25-1.5-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	21.8	17.2	25.8

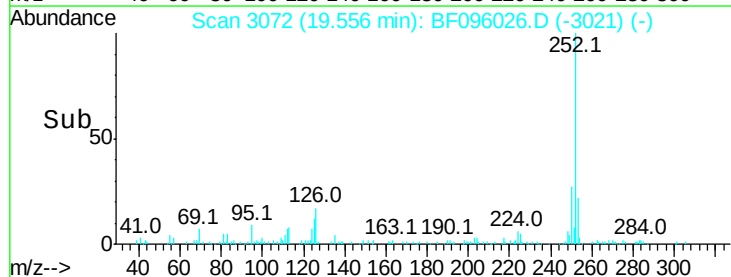
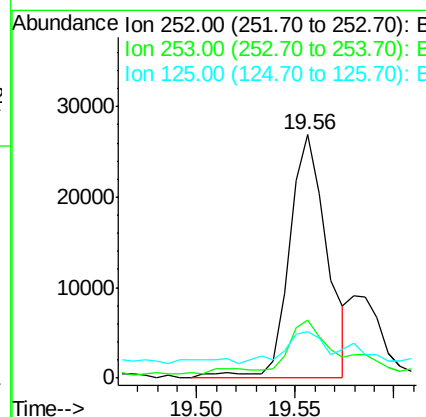
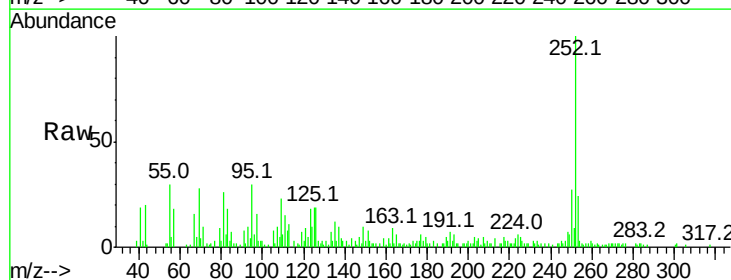
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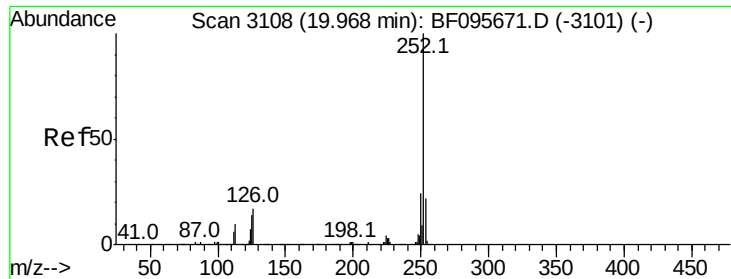
mohammad
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#87
Benzo(b)fluoranthene
Concen: 5.98 ng m
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	19.0	9.8	14.8#





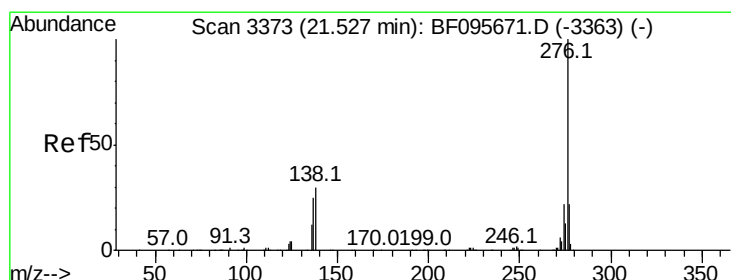
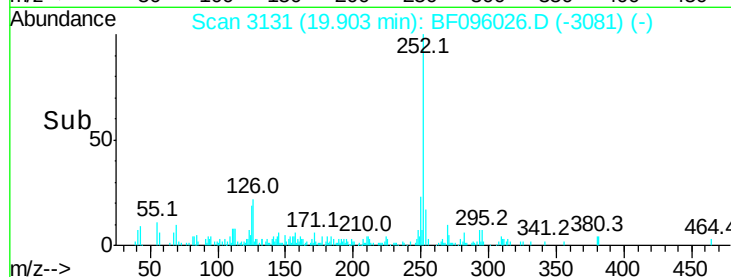
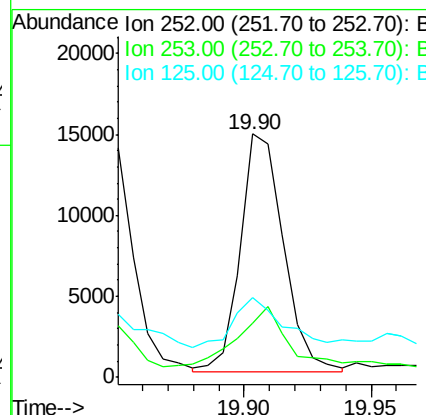
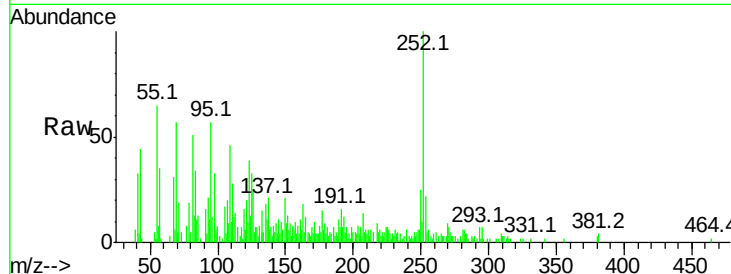
#89
Benzo(a)pyrene
Concen: 3.13 ng
RT: 19.90 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Instrument :
BNA_F
ClientSampleId :
G25-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.5	26.3
125	32.6	11.0	16.4

Manual Integrations
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6/20/2017 4:29:33 PM



#91
Benzo(g,h,i)perylene
Concen: 2.61 ng
RT: 21.47 min Scan# 3397
Delta R.T. 0.02 min
Lab File: BF096026.D
Acq: 20 Jun 2017 4:08

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	33.4	18.6	28.0
138	38.2	25.4	38.0

