

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096053.D
 Acq On : 20 Jun 2017 19:43
 Operator : SJ/MA
 Sample : I3693-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-A

Manual Integrations
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Quant Time: Jun 20 20:13:12 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	7.29	152	74722	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	285073	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	109667	20.00	ng	-0.01
63) Phenanthrene-d10	14.54	188	169122	20.00	ng	0.00
75) Chrysene-d12	18.27	240	143969	20.00	ng	0.00
86) Perylene-d12	19.94	264	104537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	36081m	7.69	ng	0.06
7) Phenol-d6	6.93	99	49375m	8.80	ng	0.06
23) Nitrobenzene-d5	8.24	82	25713	5.60	ng	0.02
41) 2,4,6-Tribromophenol	13.47	330	4150	4.28	ng	0.02
44) 2-Fluorobiphenyl	11.10	172	58639	7.44	ng	0.00
78) Terphenyl-d14	16.92	244	37612	6.48	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	14.57	178	39251	4.02	ng	98
74) Fluoranthene	16.37	202	54909	5.69	ng	98
77) Pyrene	16.67	202	52663	4.90	ng	96
80) Benzo(a)anthracene	18.26	228	26225m	3.13	ng	
82) Chrysene	18.30	228	28033m	3.35	ng	
87) Benzo(b)fluoranthene	19.54	252	31587m	4.83	ng	
89) Benzo(a)pyrene	19.89	252	22302	3.71	ng	# 87
91) Benzo(g,h,i)perylene	21.45	276	13743	2.64	ng	# 87

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

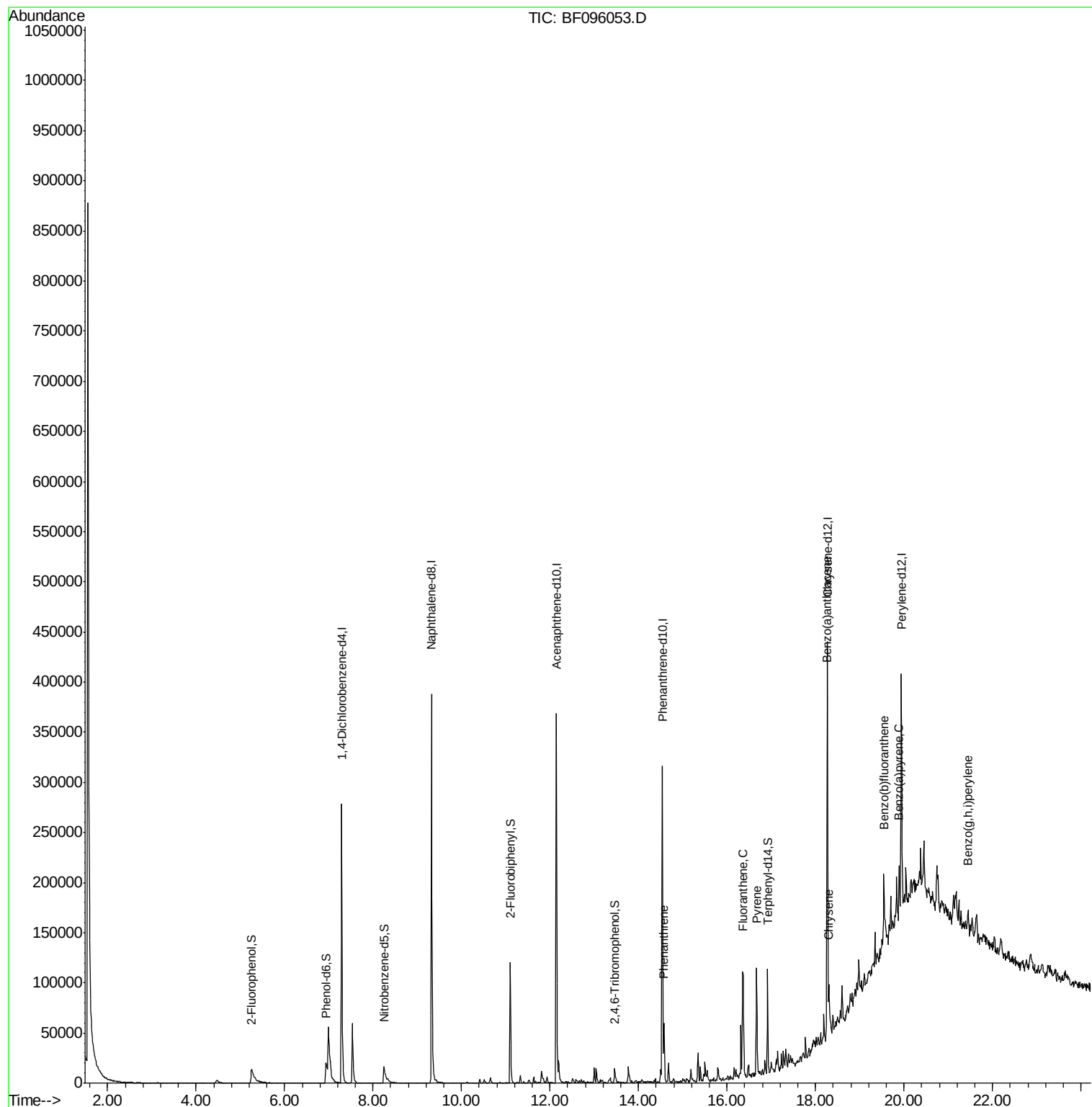
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096053.D
Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

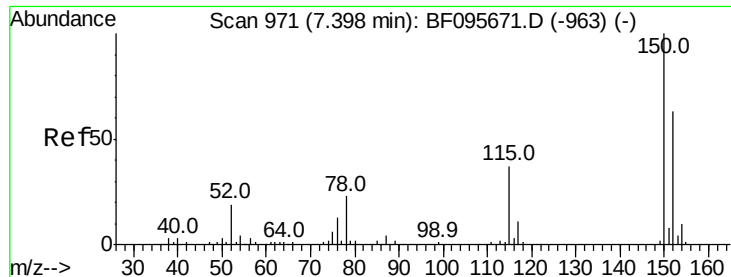
Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

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Quant Time: Jun 20 20:13:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

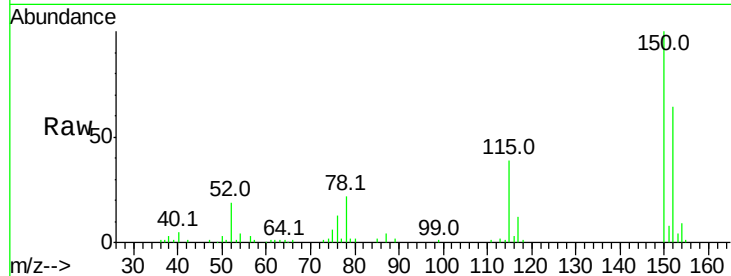
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

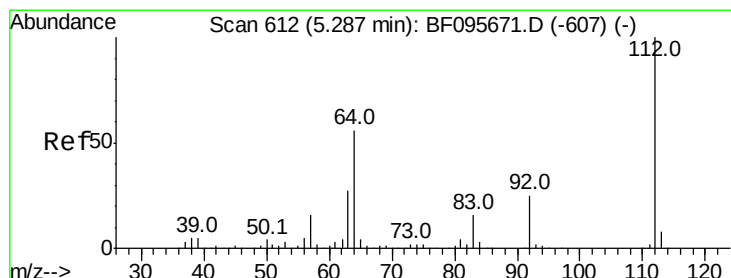
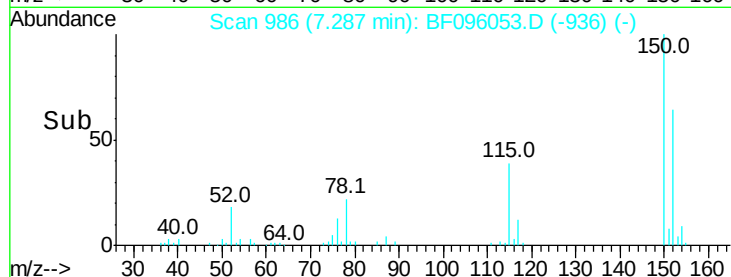
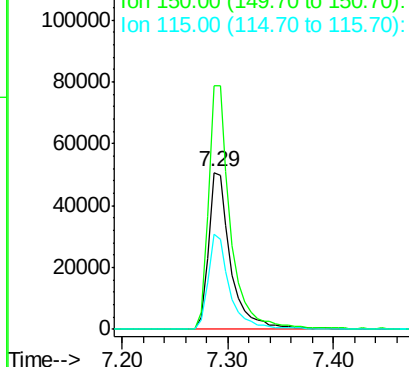
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	60.5	52.2	78.2

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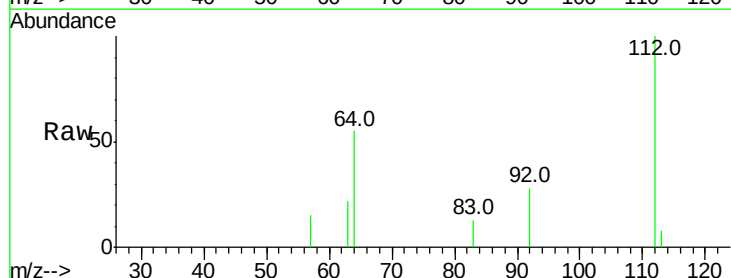
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



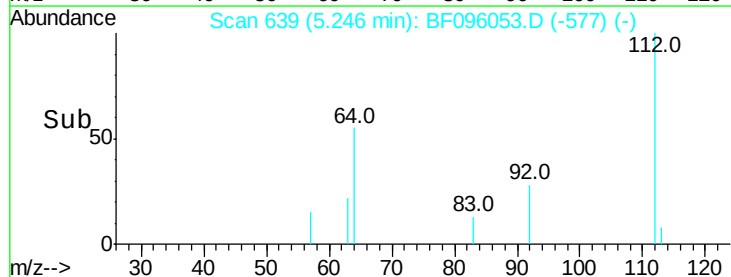
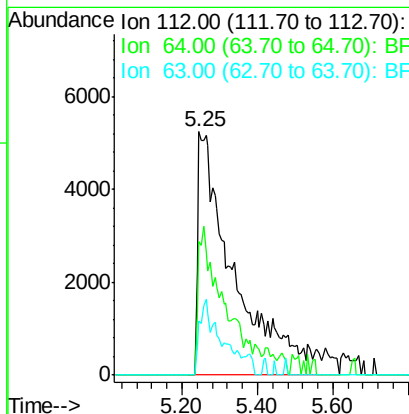
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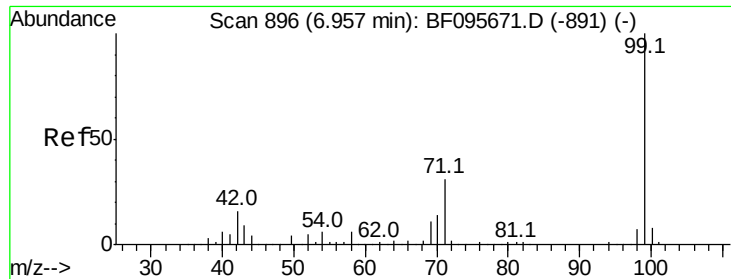
2-Fluorophenol
Concen: 7.69 ng m
RT: 5.25 min Scan# 639
Delta R.T. 0.06 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	22.1	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

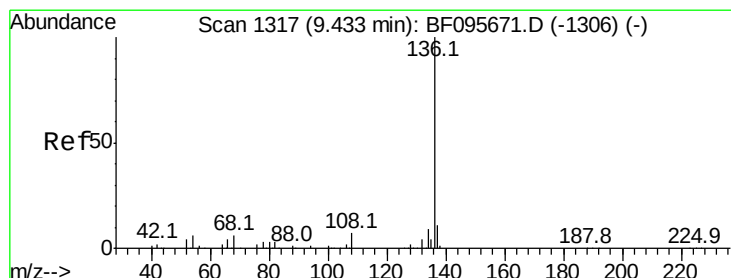
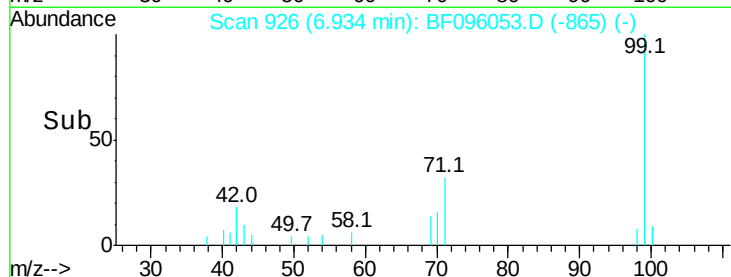
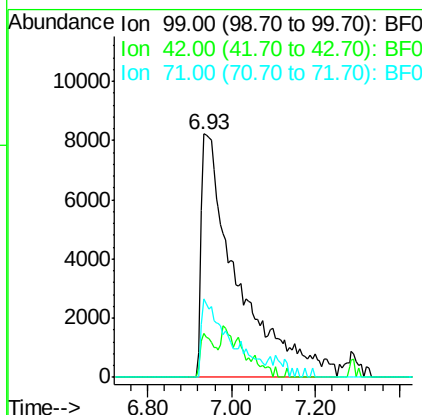
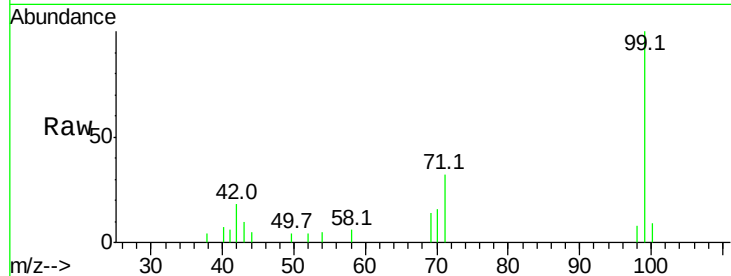
Concen: 8.80 ng/ml
 RT: 6.93 min Scan# 926
 Delta R.T. 0.06 min
 Lab File: BF096053.D
 Acq: 20 Jun 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		49375		
42	18.2	13.5	20.3		
71	32.2	24.5	36.7		

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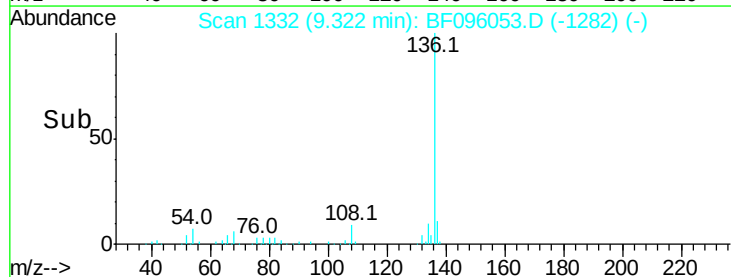
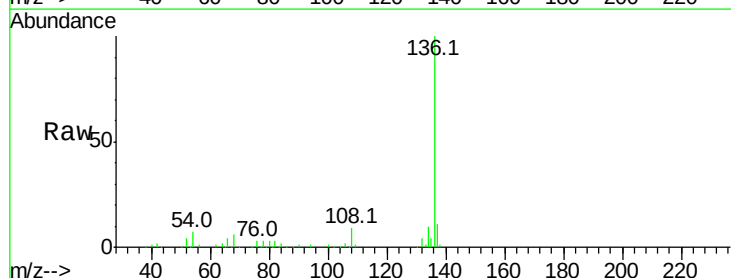
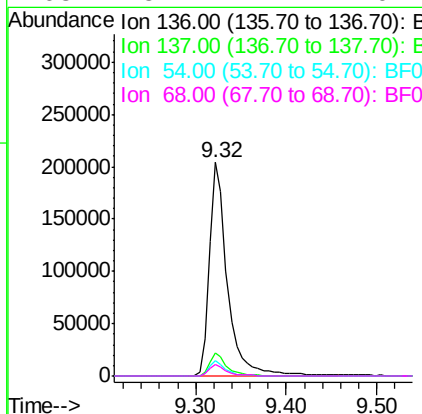


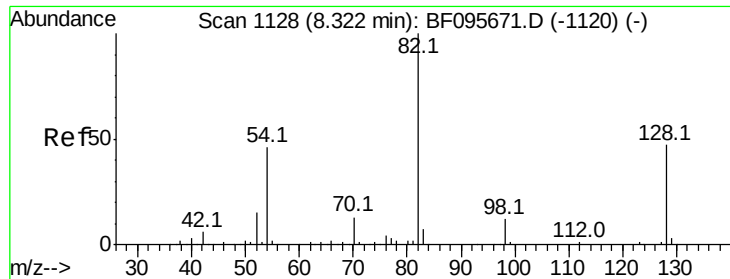
#21

Naphthalene-d8

Concen: 20.00 ng
 RT: 9.32 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF096053.D
 Acq: 20 Jun 2017 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		285073		
137	10.6	8.5	12.7		
54	7.4	4.9	7.3#		
68	5.7	4.1	6.1		





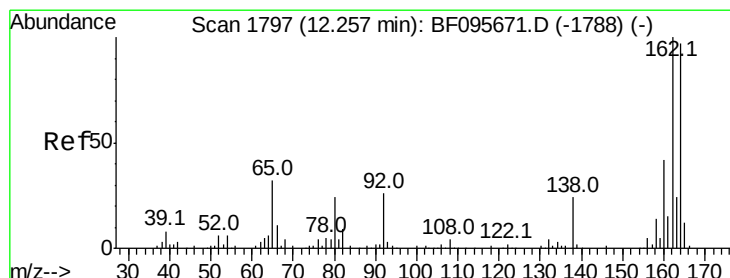
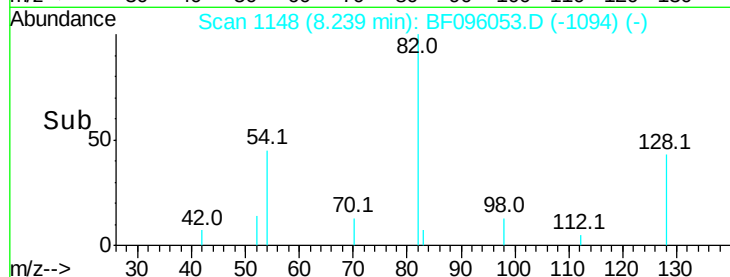
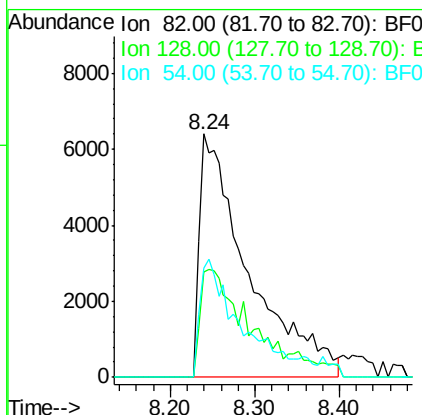
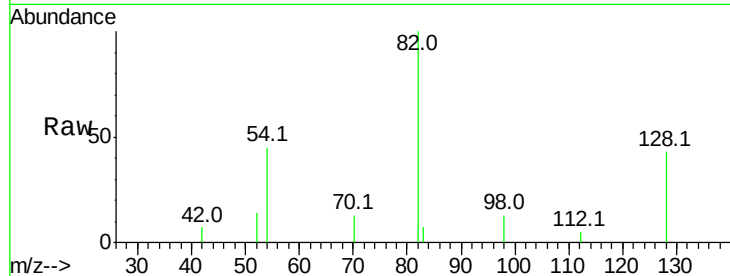
#23
 Nitrobenzene-d5
 Concen: 5.60 ng
 RT: 8.24 min Scan# 1148
 Delta R.T. 0.02 min
 Lab File: BF096053.D
 Acq: 20 Jun 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-A

Tot Ion	82	Resp	25713
Ion Ratio	100	Lower	Upper
128	43.1	34.0	51.0
54	44.6	42.2	63.2

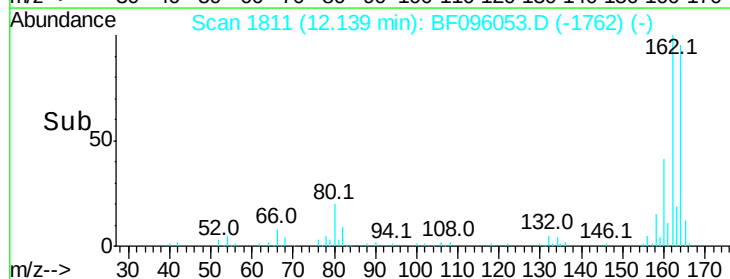
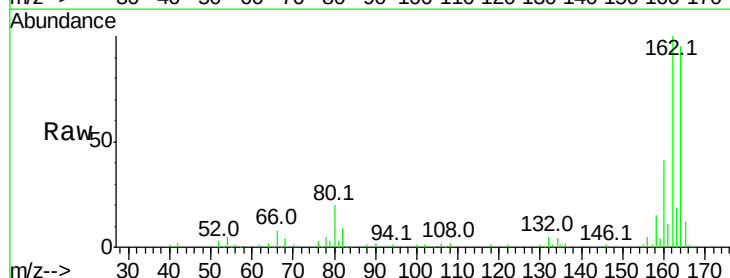
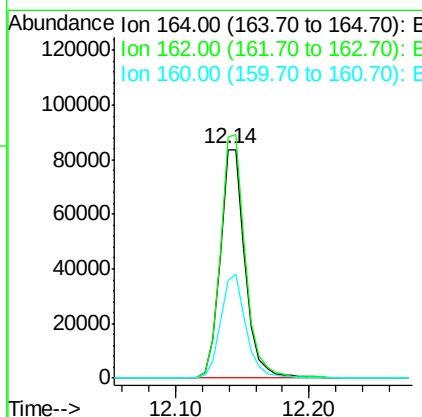
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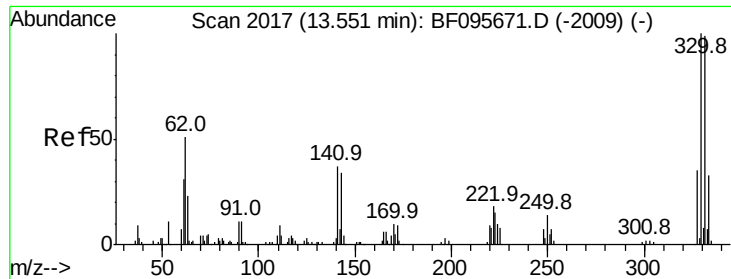
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF096053.D
 Acq: 20 Jun 2017 19:43

Tgt Ion	164	Resp	109667
Ion Ratio	100	Lower	Upper
162	105.5	82.6	123.8
160	42.7	36.2	54.2





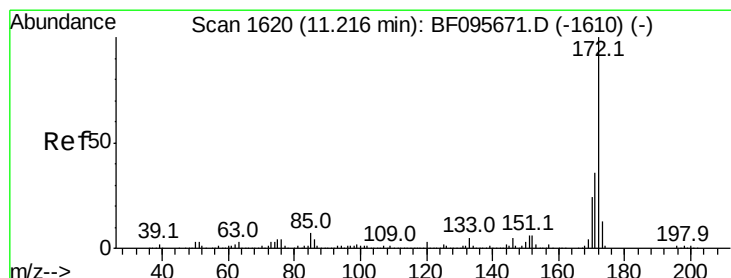
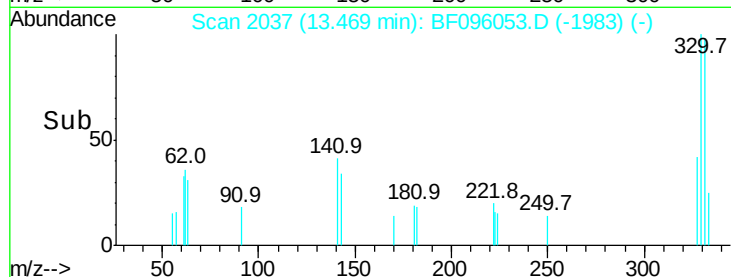
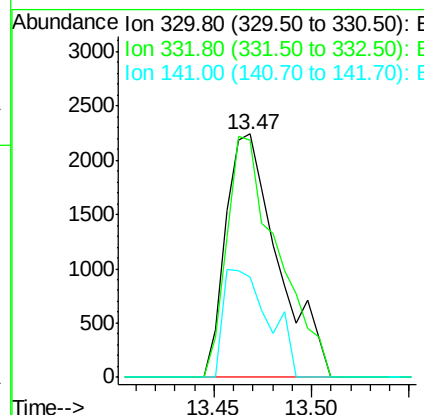
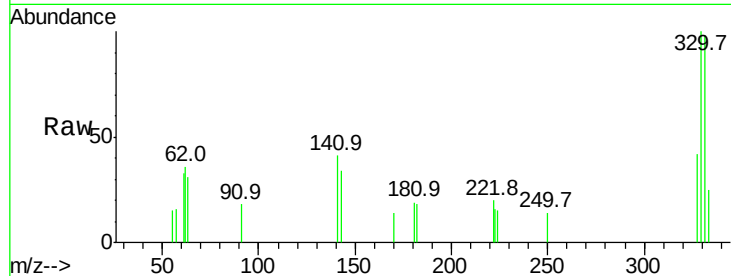
#41
 2,4,6-Tribromophenol
 Concen: 4.28 ng
 RT: 13.47 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF096053.D
 Acq: 20 Jun 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.5	31.4	47.2

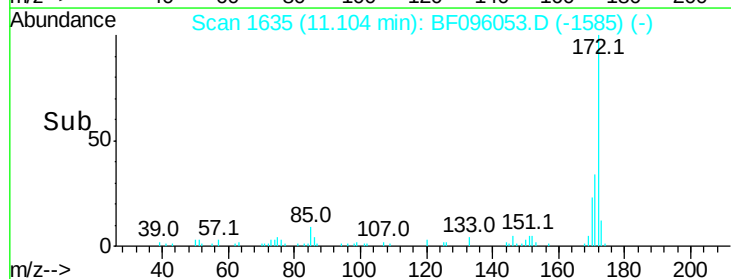
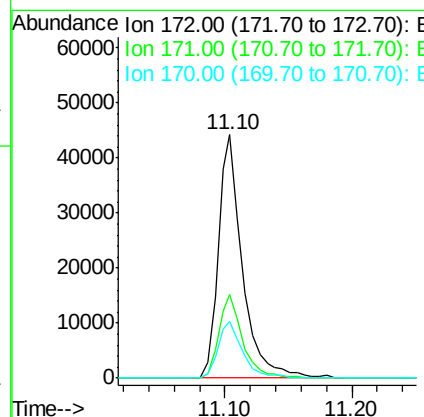
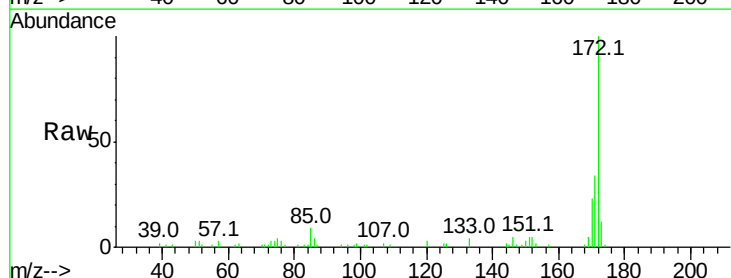
Manual Integrations
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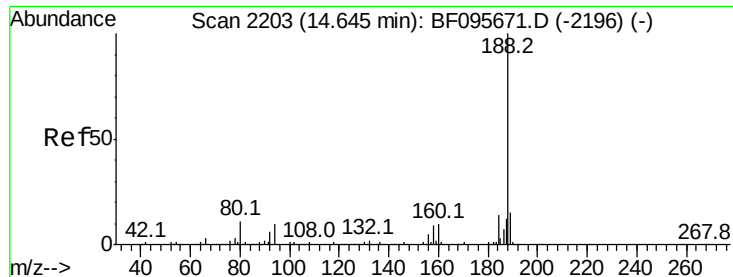
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#44
 2-Fluorobiphenyl
 Concen: 7.44 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096053.D
 Acq: 20 Jun 2017 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.3	19.8	29.8





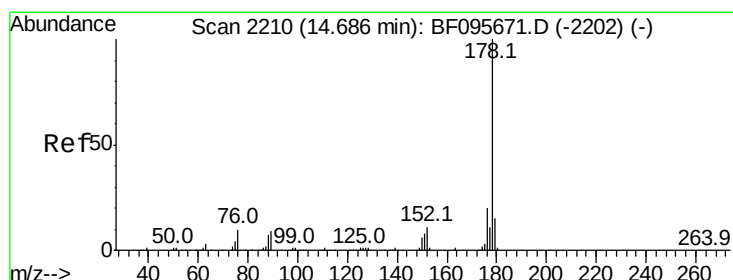
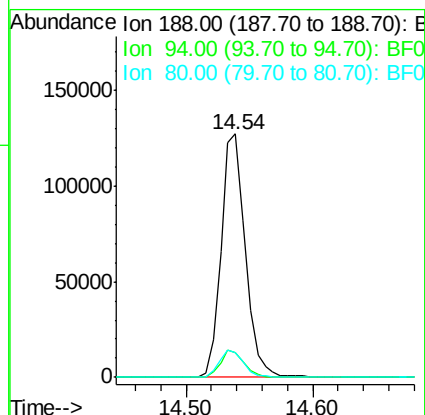
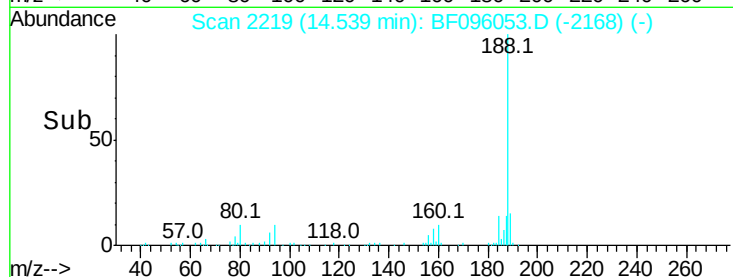
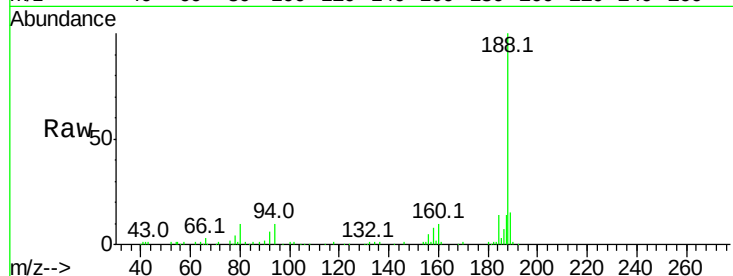
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.3	10.2	15.2

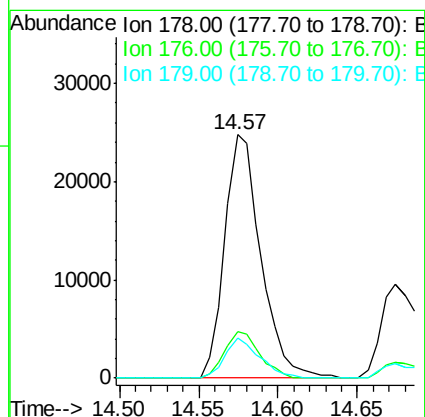
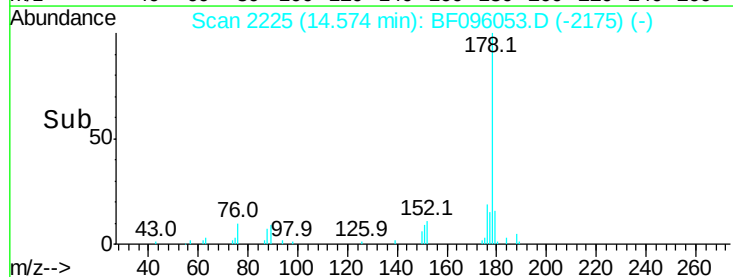
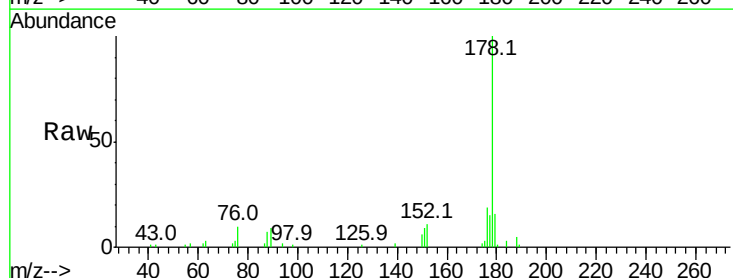
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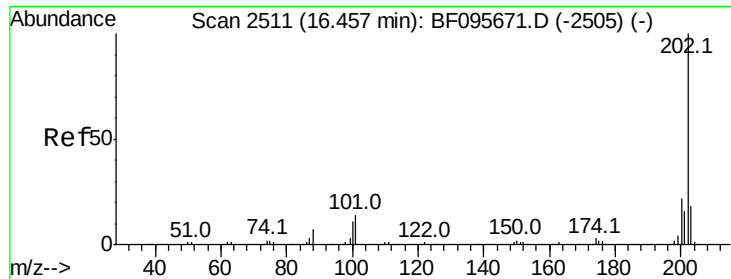
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#70
Phenanthrene
Concen: 4.02 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	16.2	24.4
179	16.5	12.6	19.0





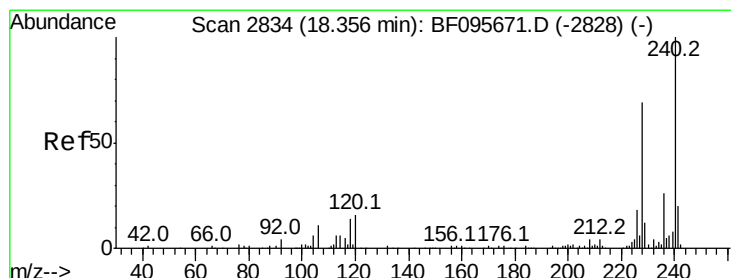
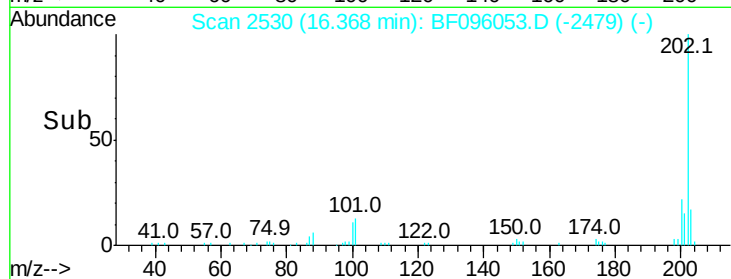
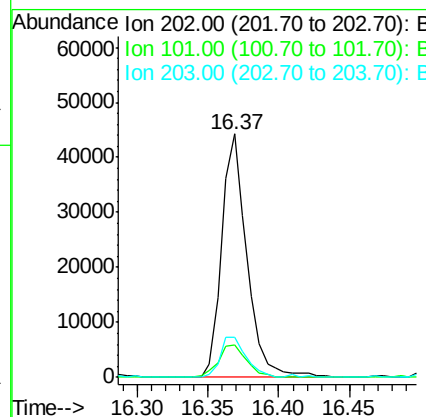
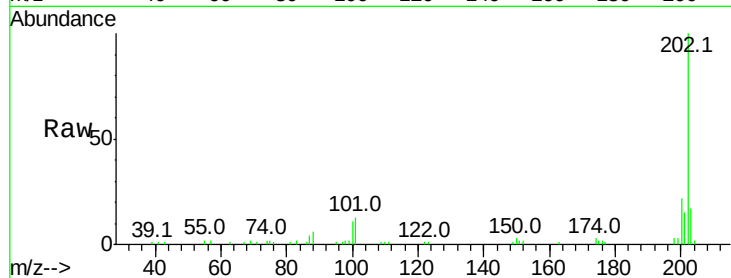
#74
 Fluoranthene
 Concen: 5.69 ng
 RT: 16.37 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BF096053.D
 Acq: 20 Jun 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-061417-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	33.2
203	16.6	0.0	38.1

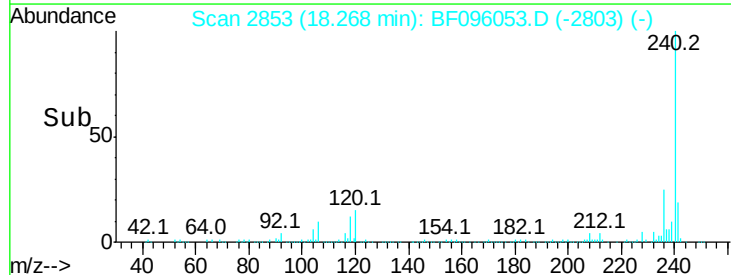
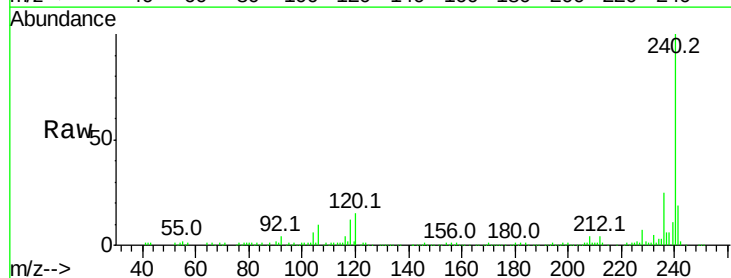
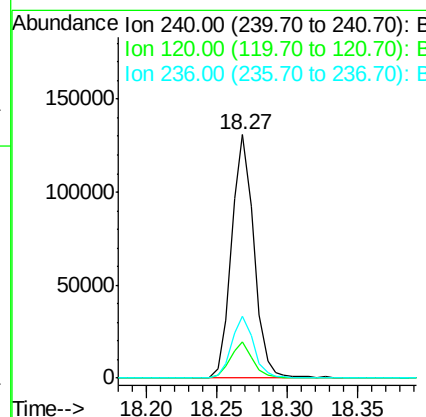
Manual Integrations
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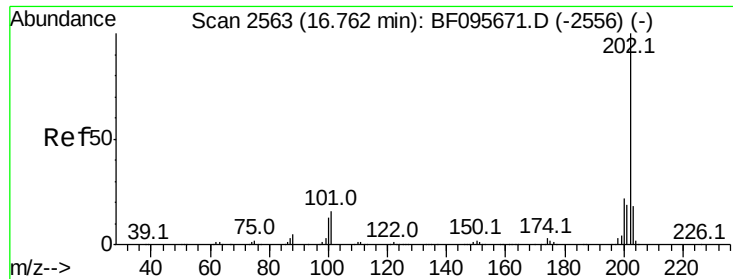
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096053.D
 Acq: 20 Jun 2017 19:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.4	20.5	30.7





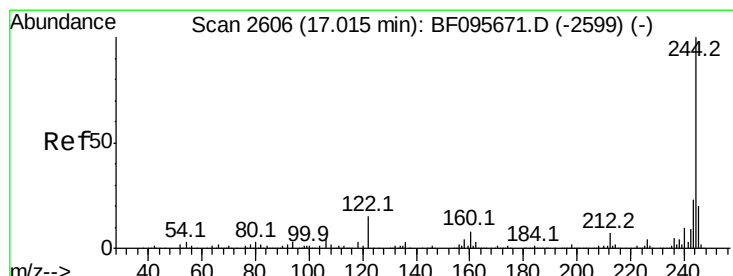
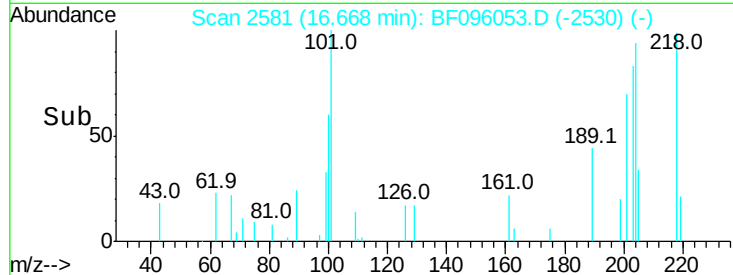
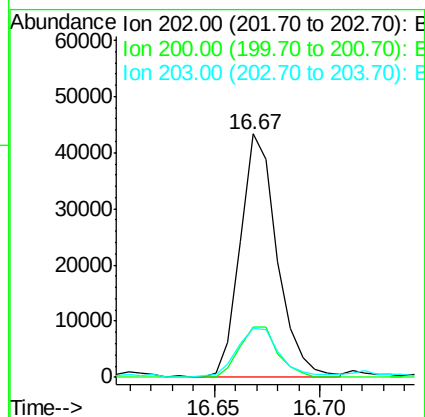
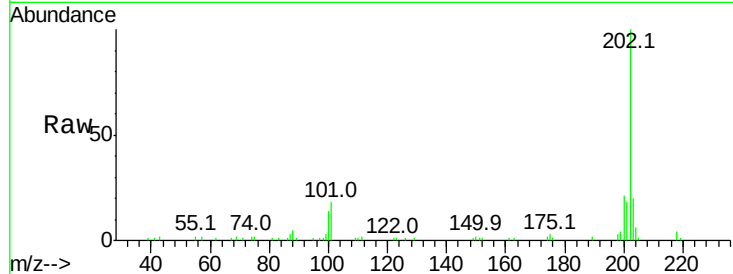
#77
Pvrene
Concen: 4.90 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	20.4	14.4	21.6

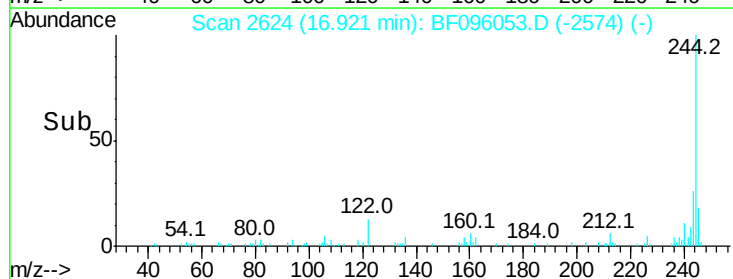
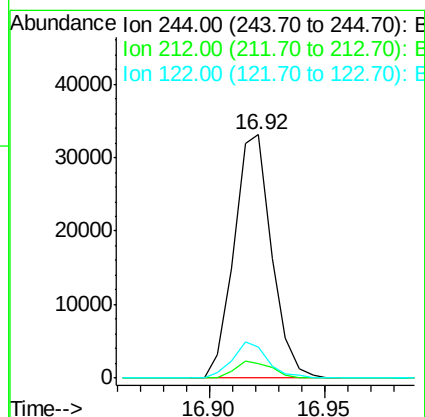
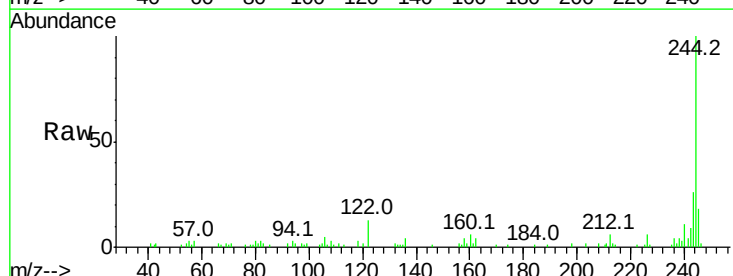
Manual Integrations
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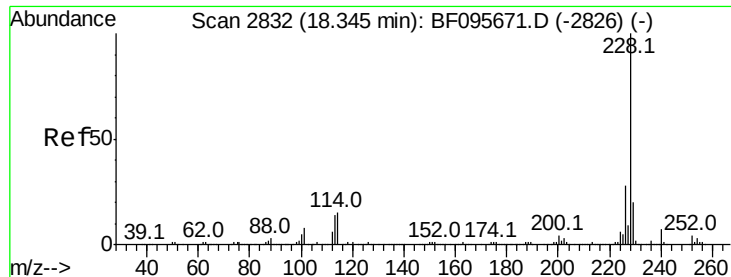
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#78
Terphenyl-d14
Concen: 6.48 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.7	6.0	9.0#
122	13.0	10.3	15.5





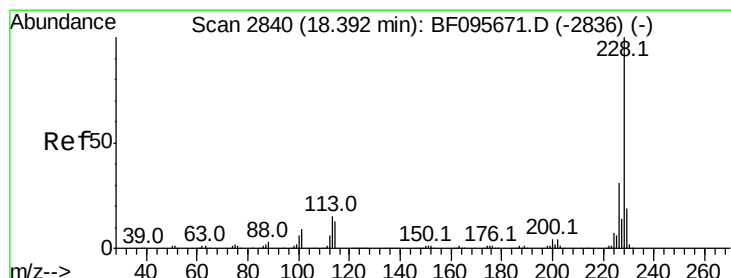
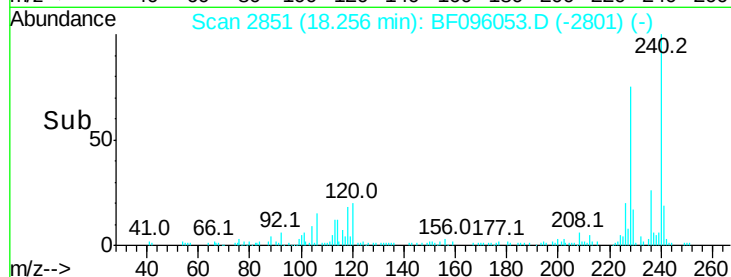
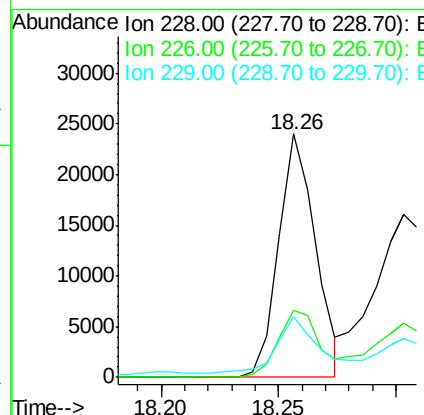
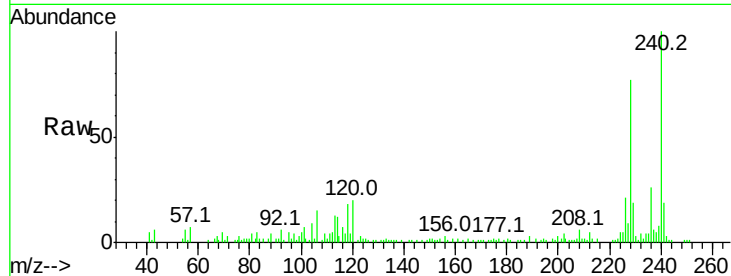
#80
Benzo(a)anthracene
Concen: 3.13 ng m
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	24.7	16.3	24.5

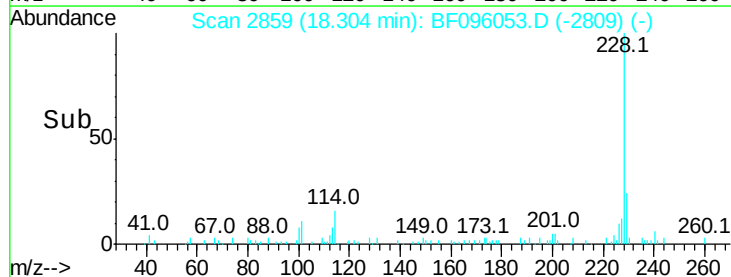
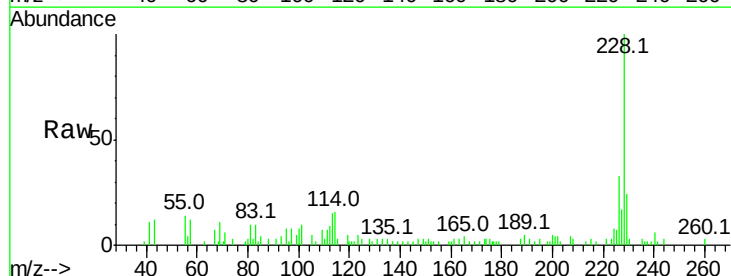
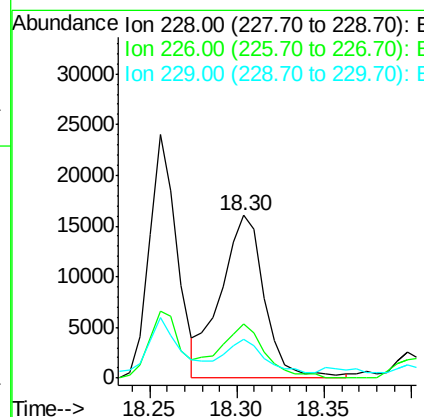
Manual Integrations
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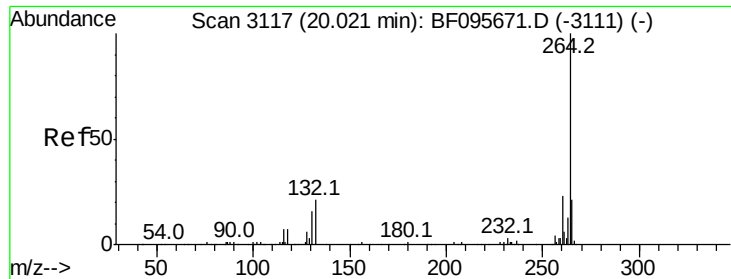
mohammad
6/21/2017 2:16:45 PM



#82
Chrysene
Concen: 3.35 ng m
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.9	37.3
229	23.9	15.8	23.6





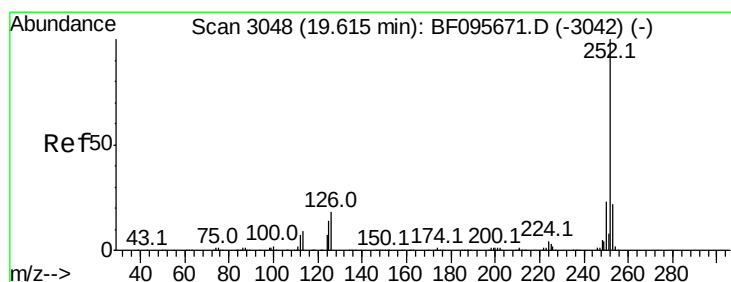
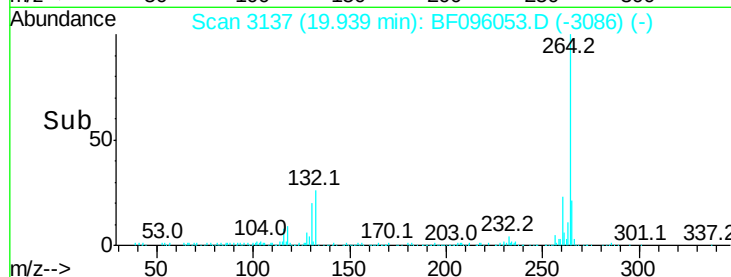
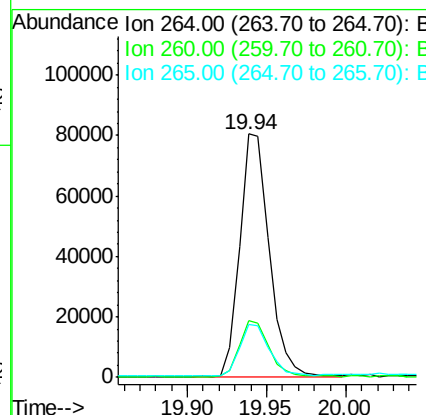
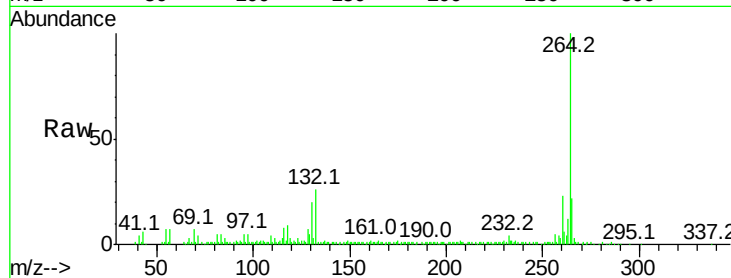
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.8	17.2	25.8

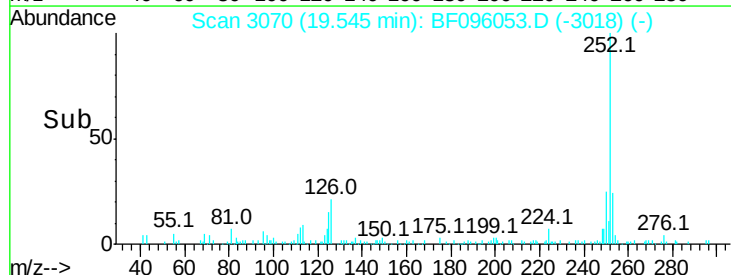
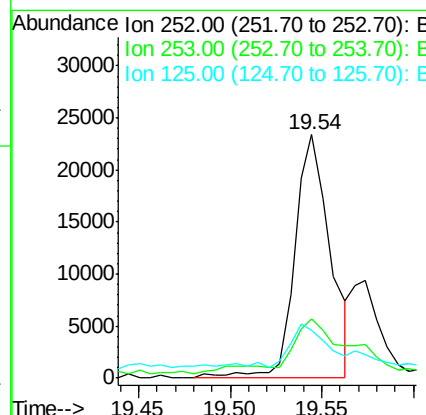
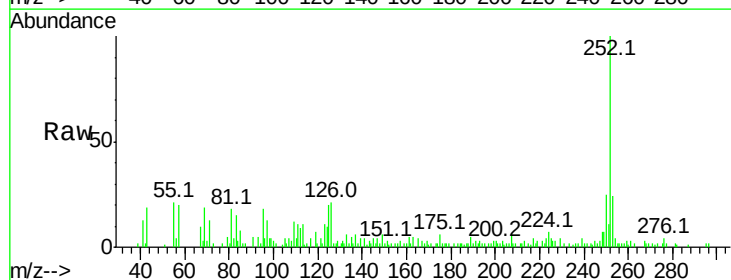
Manual Integrations
APPROVED

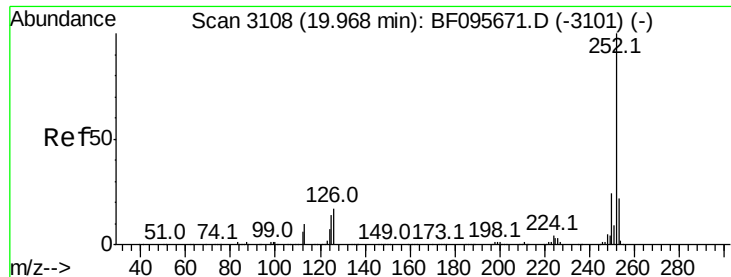
mohammad
6/21/2017 2:16:45 PM



#87
Benzo(b)fluoranthene
Concen: 4.83 ng m
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	19.6	9.8	14.8





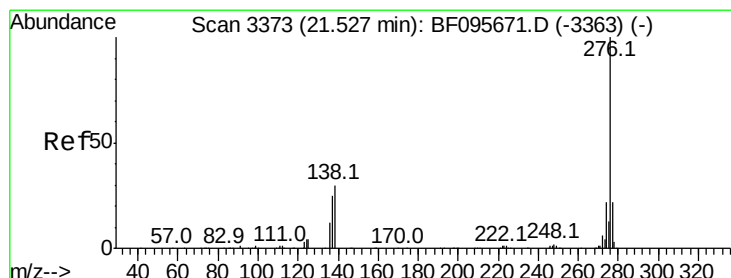
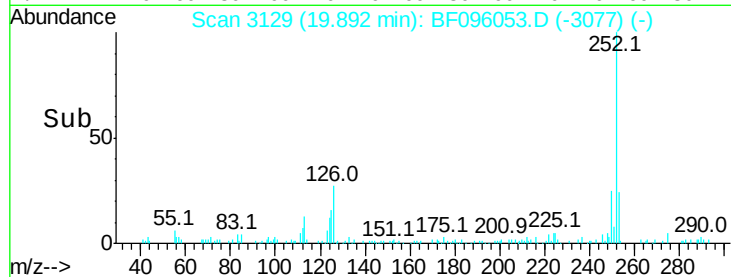
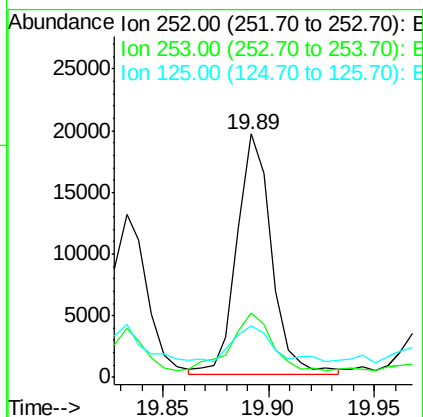
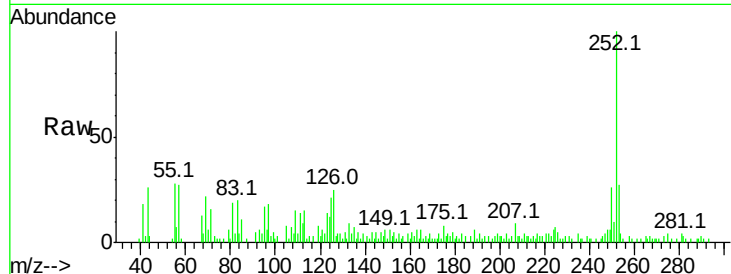
#89
Benzo(a)pyrene
Concen: 3.71 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.5	26.3#
125	21.2	11.0	16.4#

Manual Integrations
APPROVED

mohammad
6/21/2017 2:16:45 PM



#91
Benzo(g,h,i)perylene
Concen: 2.64 ng
RT: 21.45 min Scan# 3394
Delta R.T. 0.03 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.6	28.0#
138	40.2	25.4	38.0#

