

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103099.D
 Acq On : 19 Feb 2018 23:36
 Operator : SJ/JU
 Sample : J1600-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2 SB44 BOT-N 7

Manual Integrations
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Sohil
 2/20/2018 10:20:57 AM

Quant Time: Feb 20 01:31:47 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182262	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	753044	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	322514	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	490755	20.00	ng	0.00
75) Chrysene-d12	14.04	240	321793	20.00	ng	-0.01
86) Perylene-d12	15.54	264	310600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1367037	113.91	ng	0.01
7) Phenol-d6	6.52	99	1637477	113.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	1064197	98.03	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	307576	118.49	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1236172	63.60	ng	0.00
78) Terphenyl-d14	12.99	244	787739	57.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	158472	6.302	ng	Qvalue 100
70) Phenanthrene	11.43	178	79173	2.897	ng	98
74) Fluoranthene	12.62	202	194660	7.079	ng	98
77) Pyrene	12.84	202	192649	7.635	ng	99
80) Benzo(a)anthracene	14.03	228	144987	7.164	ng	98
82) Chrysene	14.07	228	144644	7.090	ng	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	88326	5.220	ng	98
87) Benzo(b)fluoranthene	15.10	252	221237m	10.986	ng	
88) Benzo(k)fluoranthene	15.12	252	72306m	3.758	ng	
89) Benzo(a)pyrene	15.47	252	158011	8.717	ng	98
91) Benzo(g,h,i)perylene	17.50	276	84290	5.853	ng	100

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

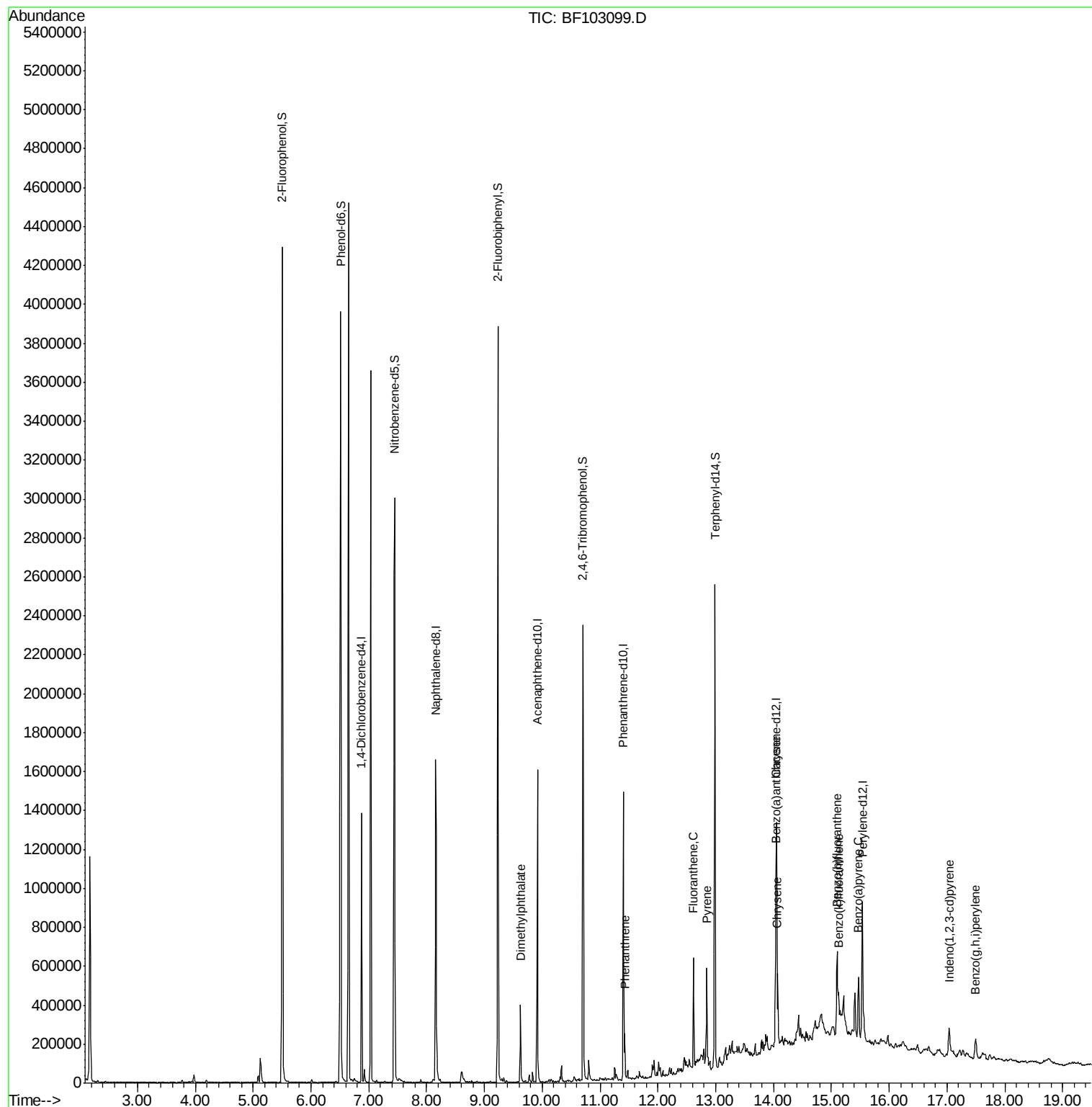
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103099.D
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A2 SB44 BOT-N 7

Manual Integrations
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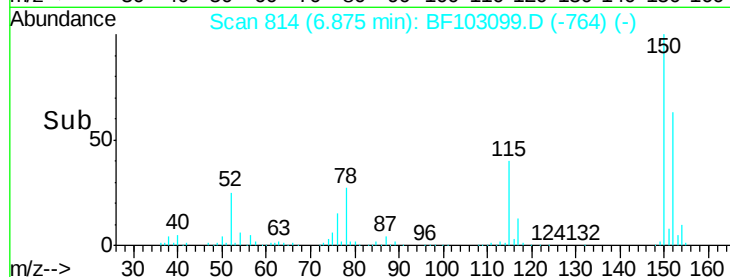
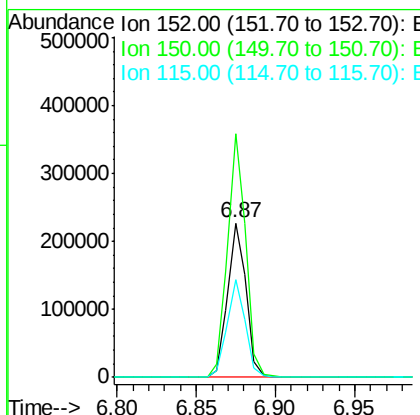
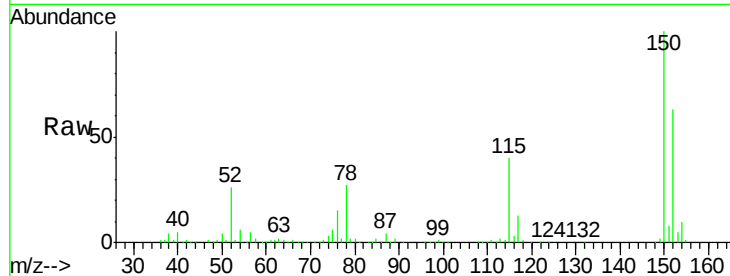
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :
A2_SB44_BOT-N_7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	63.1	50.1	75.1

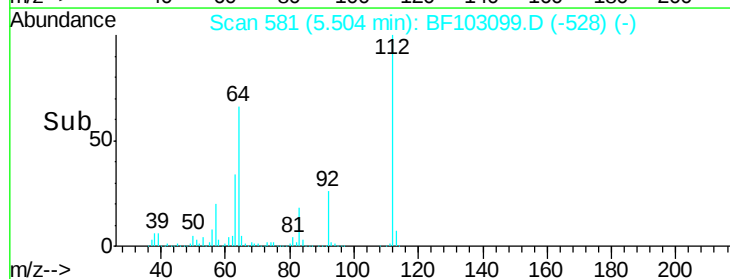
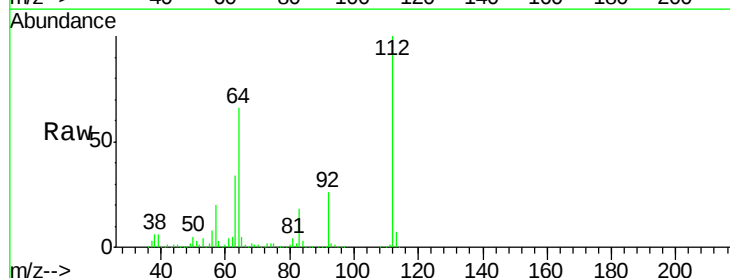
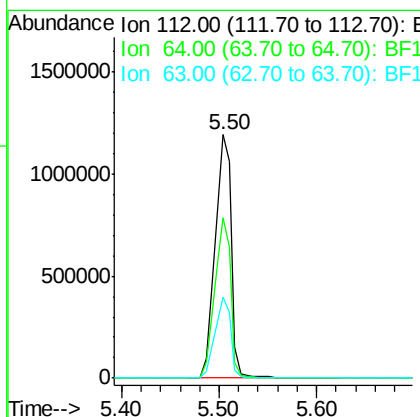
Manual Integrations
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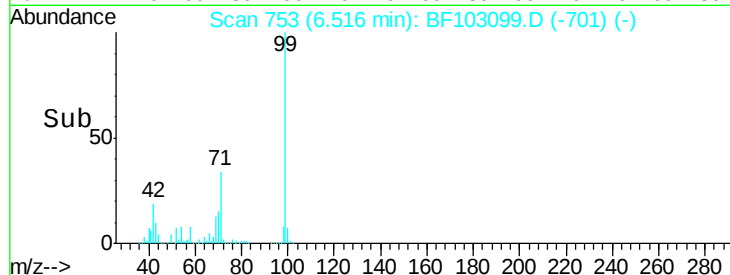
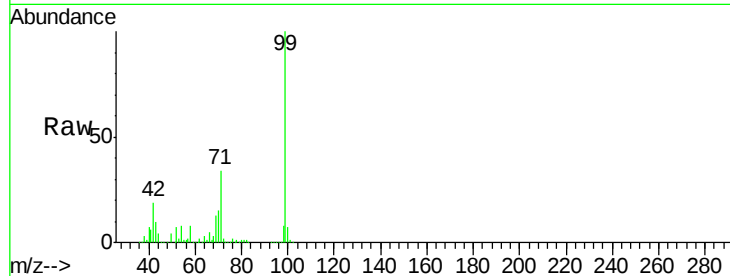
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#5
2-Fluorophenol
Concen: 113.906 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 113.316 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103099.D

Acq: 19 Feb 2018 23:36

Tgt Ion: 99 Resp: 1637477

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 34.0 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

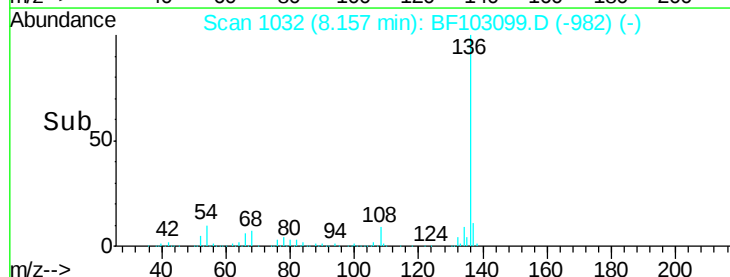
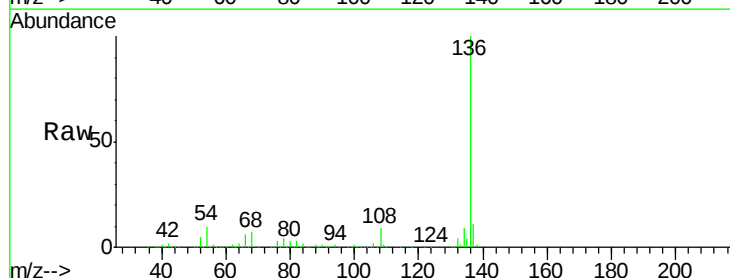
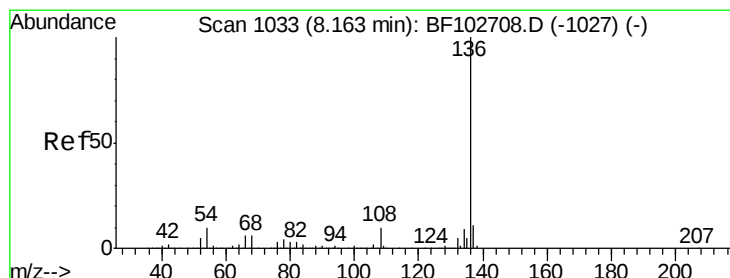
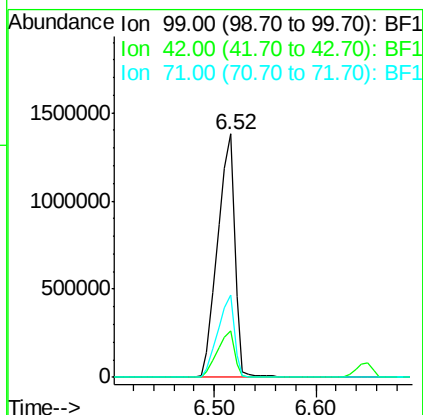
A2 SB44 BOT-N 7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103099.D

Acq: 19 Feb 2018 23:36

Tgt Ion: 136 Resp: 753044

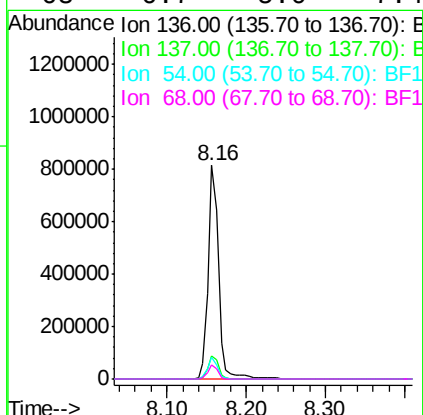
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.9 6.6 9.8#

68 6.7 5.0 7.4





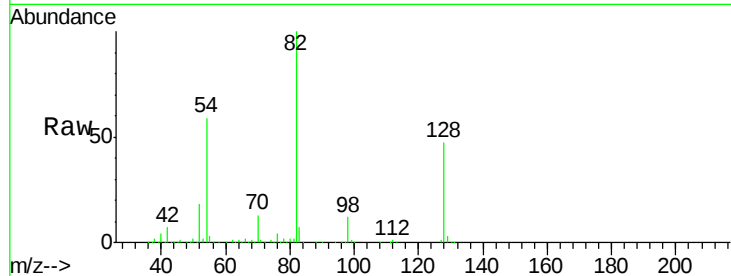
#23
Nitrobenzene-d5
Concen: 98.034 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :
A2 SB44 BOT-N 7

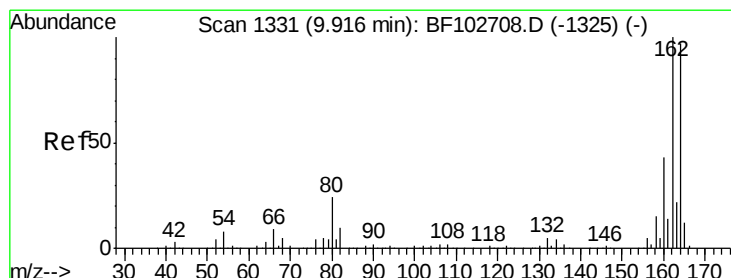
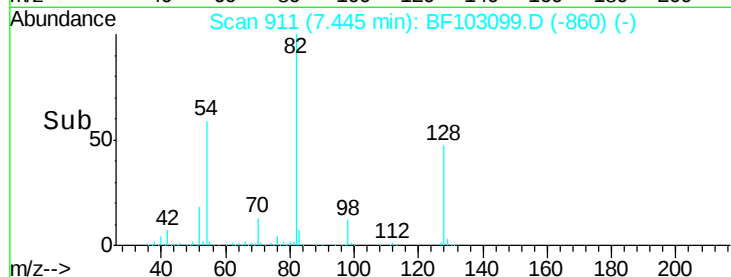
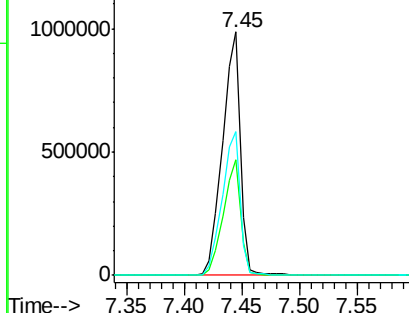
Tgt Ion: 82 Resp: 1064197
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 59.1 41.4 62.2

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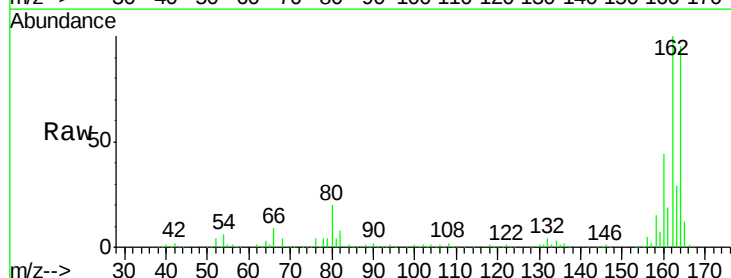


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

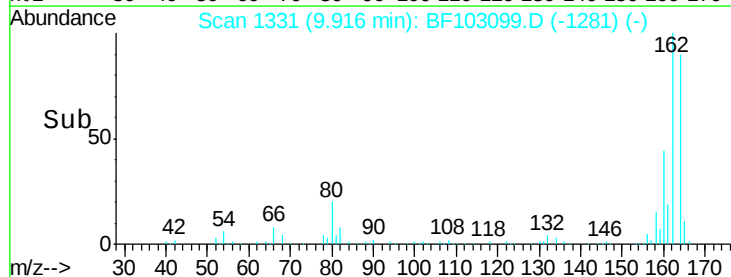
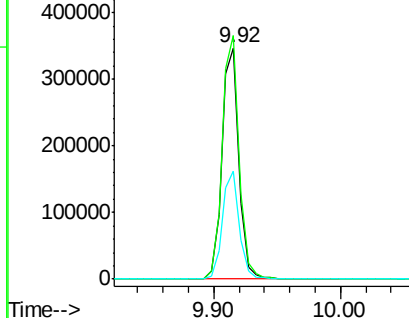


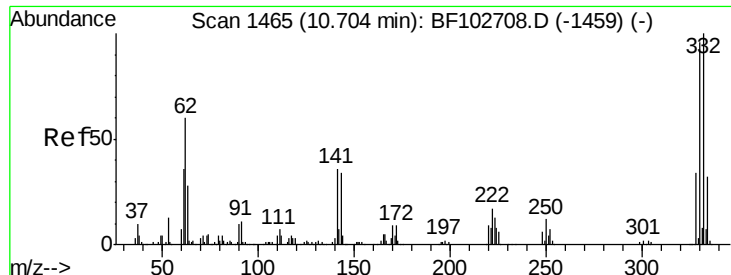
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Tgt Ion: 164 Resp: 322514
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 118.487 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103099.D

Acq: 19 Feb 2018 23:36

Instrument :

BNA_F

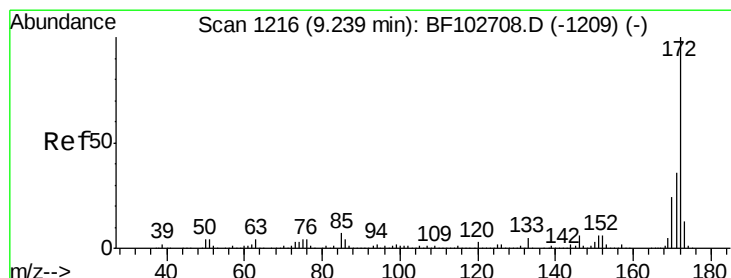
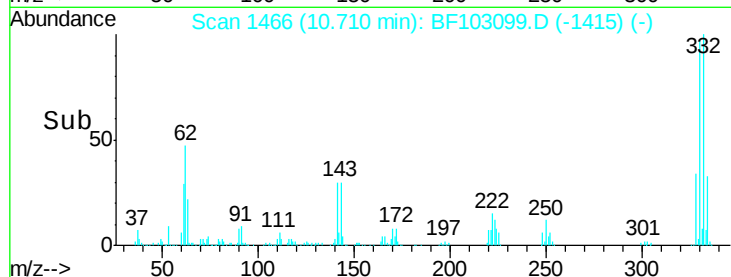
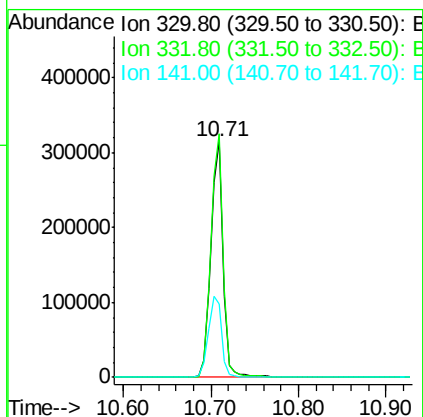
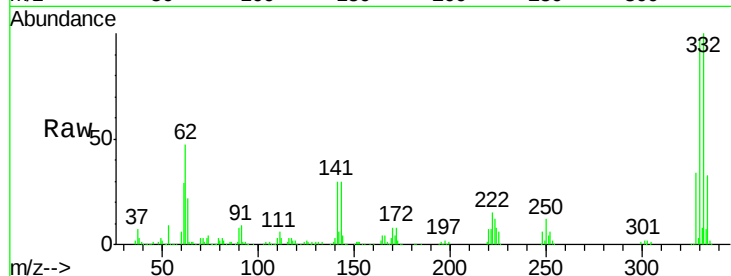
ClientSampleId :

A2 SB44 BOT-N 7

Tgt Ion:	330	Resp:	307576
Ion Ratio	Lower	Upper	
330	100		
332	103.3	77.0	115.6
141	37.7	29.9	44.9

Manual Integrations
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#44

2-Fluorobiphenyl

Concen: 63.602 ng

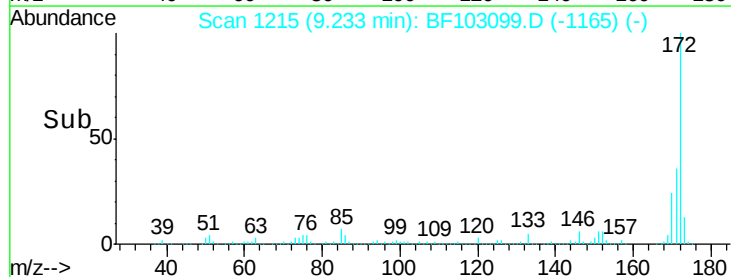
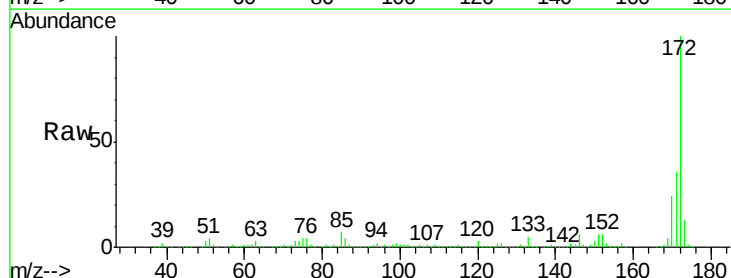
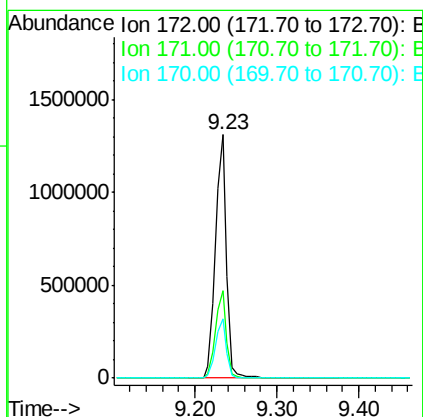
RT: 9.23 min Scan# 1215

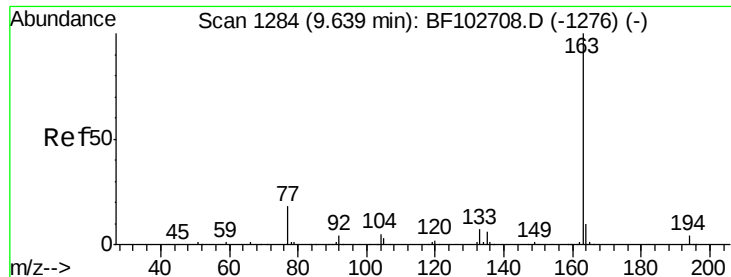
Delta R.T. -0.01 min

Lab File: BF103099.D

Acq: 19 Feb 2018 23:36

Tgt Ion:	172	Resp:	1236172
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4





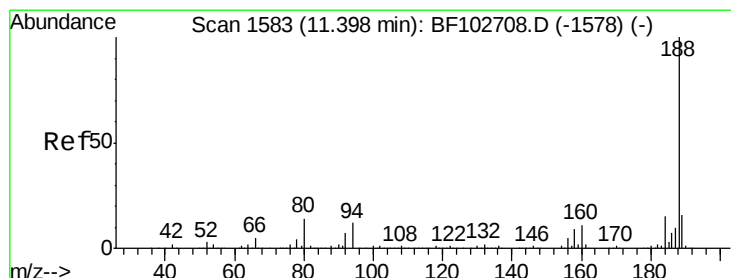
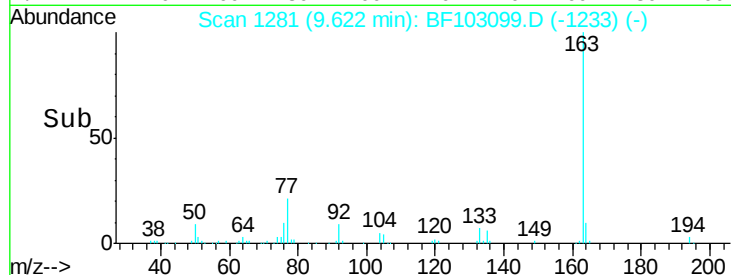
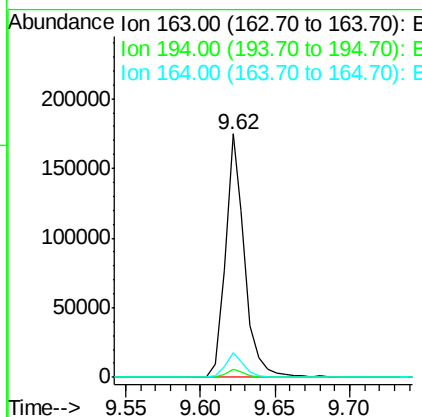
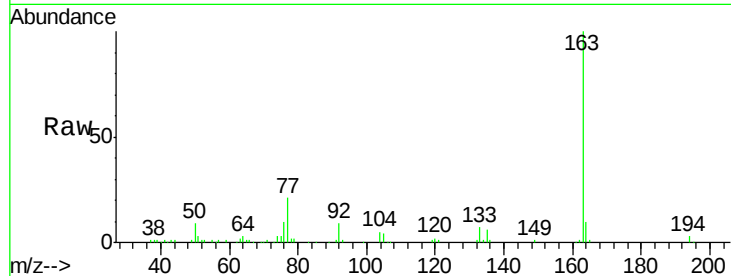
#49
Dimethylphthalate
Concen: 6.302 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :
A2 SB44 BOT-N 7

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	158472		
194	3.3	2.7	4.1	
164	10.3	8.2	12.2	

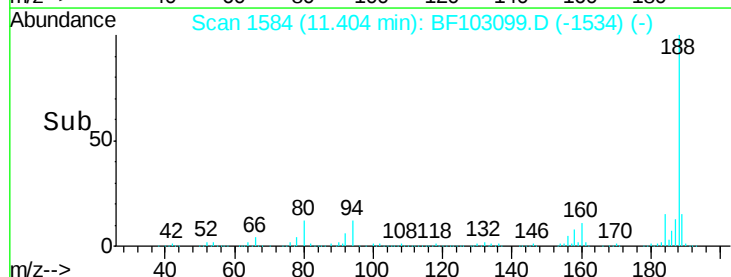
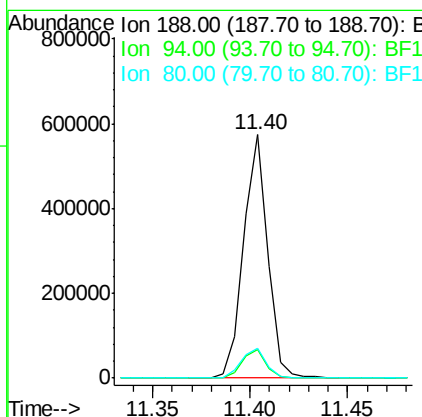
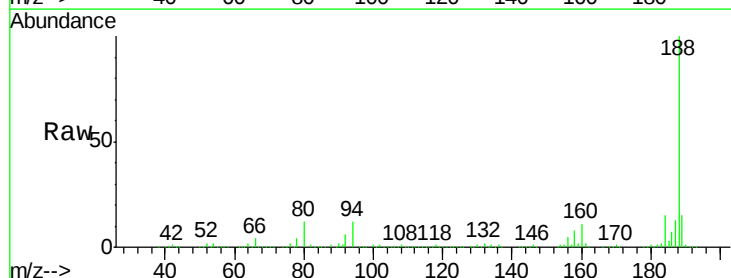
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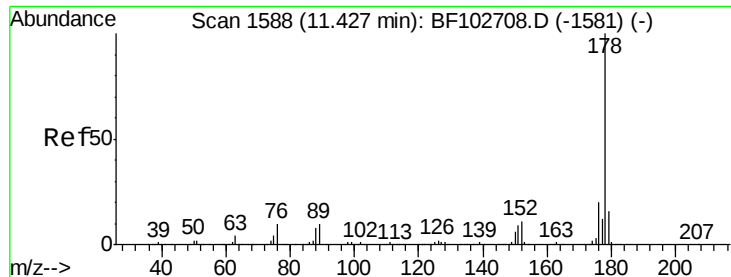
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	490755		
94	11.8	8.5	12.7	
80	12.0	9.2	13.8	





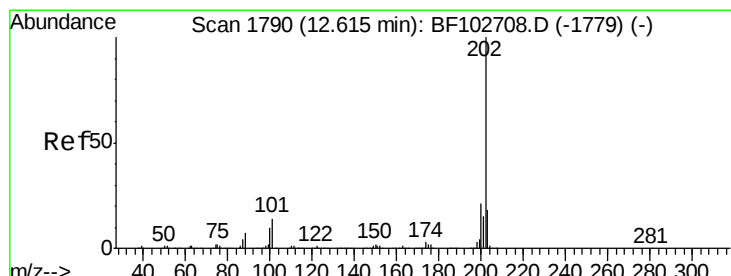
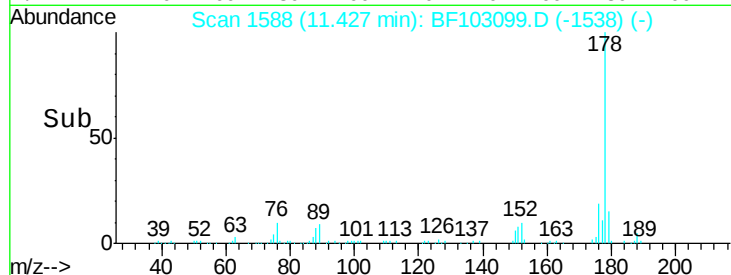
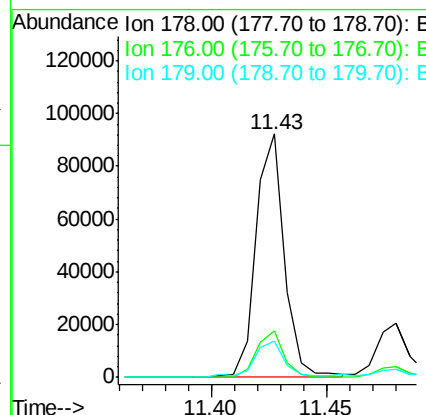
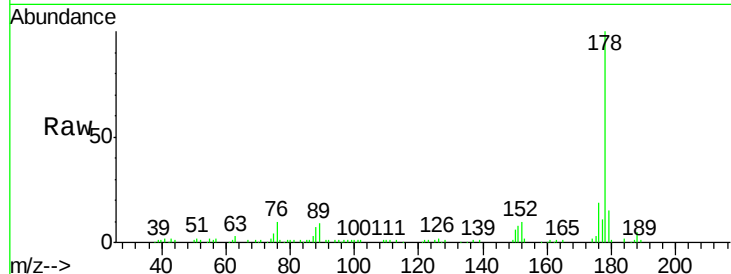
#70
Phenanthrene
Concen: 2.897 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :
A2_SB44_BOT-N_7

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.8	13.0	19.6

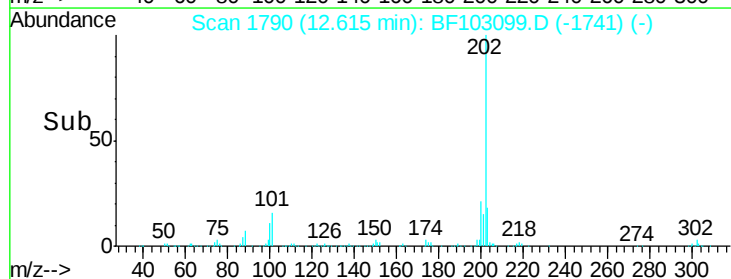
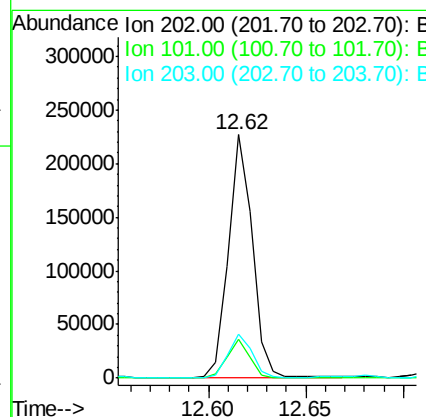
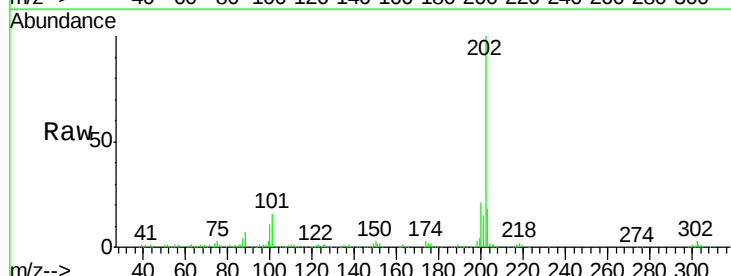
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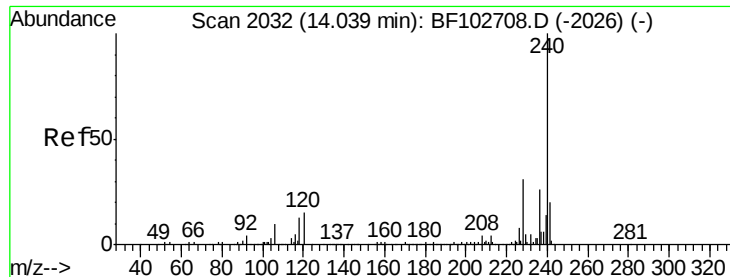
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#74
Fluoranthene
Concen: 7.079 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	34.1
203	17.9	0.0	38.1





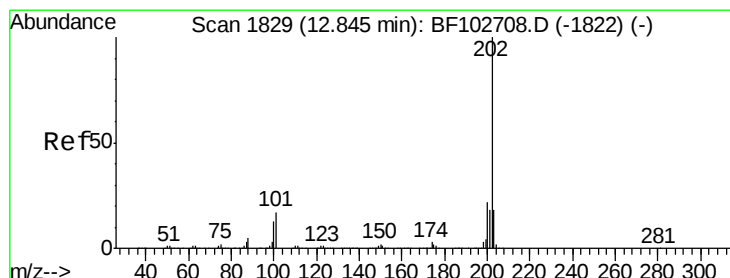
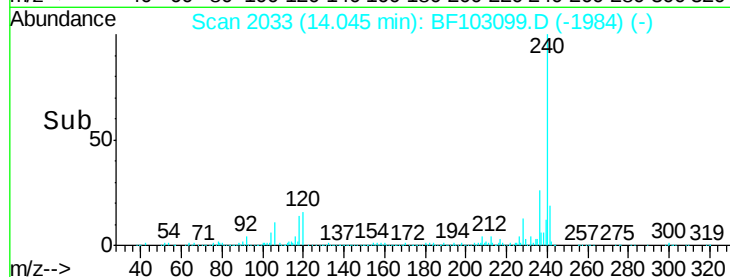
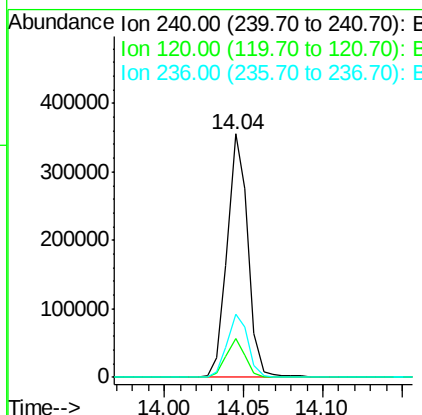
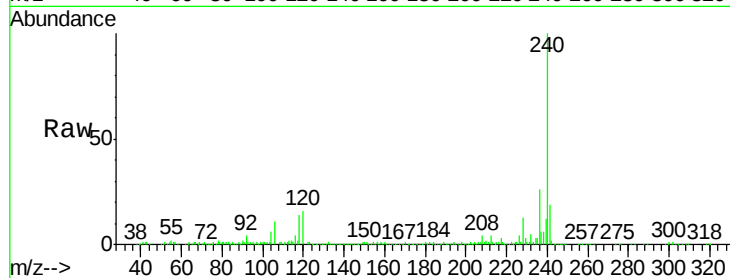
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :
A2_SB44_BOT-N_7

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	321793		
120	16.0	9.5	14.3#	
236	26.0	20.7	31.1	

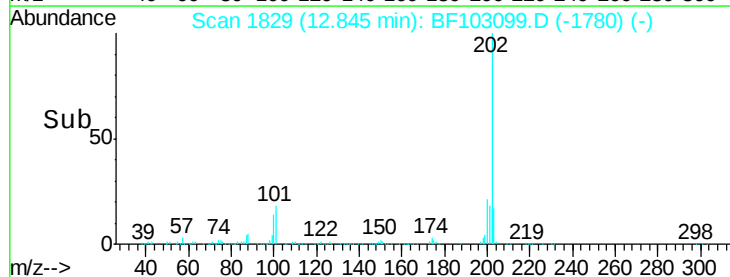
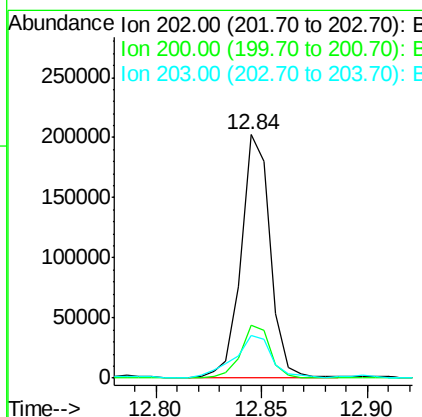
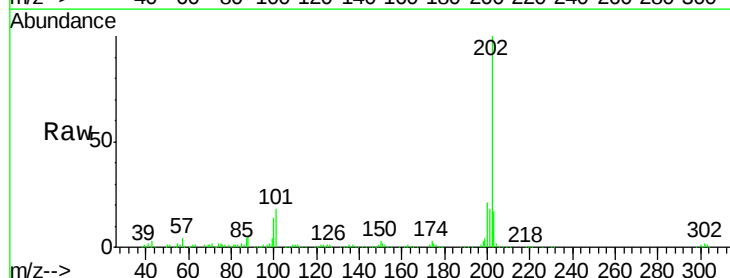
Manual Integrations
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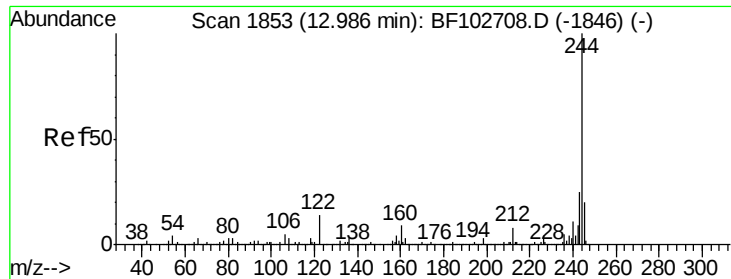
Sohil
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#77
Pyrene
Concen: 7.635 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	192649		
200	21.5	17.4	26.2	
203	17.3	14.3	21.5	





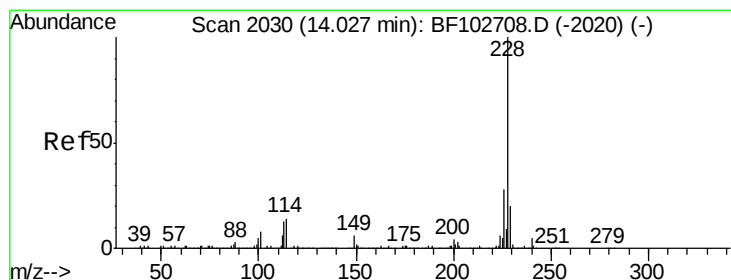
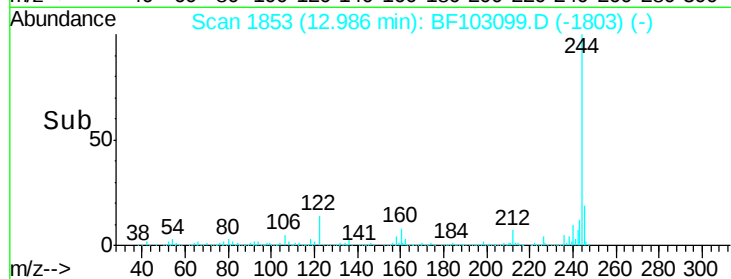
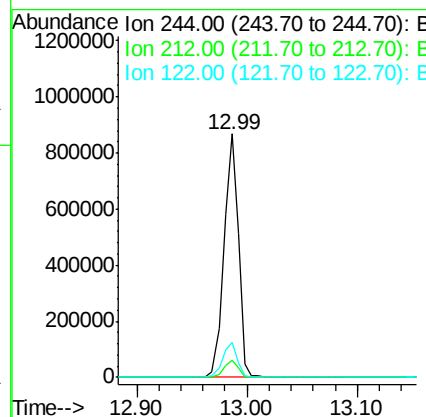
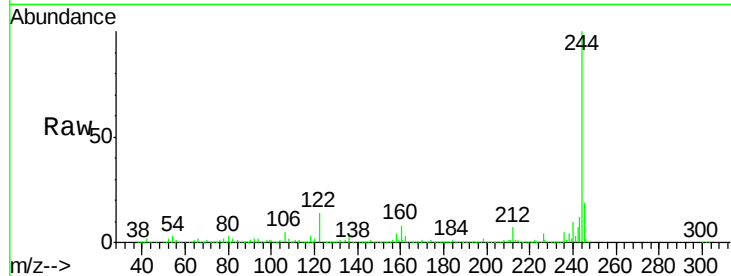
#78
 Terphenyl-d14
 Concen: 57.962 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103099.D
 Acq: 19 Feb 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :
 A2 SB44 BOT-N 7

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.2	11.0	16.4

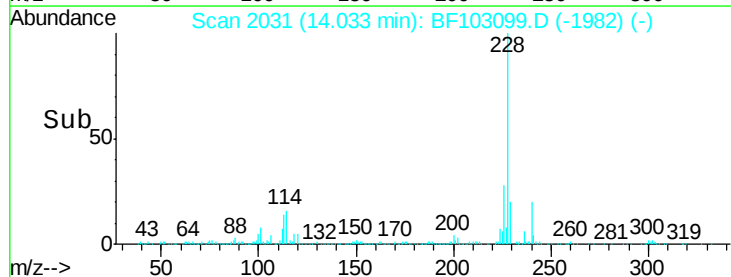
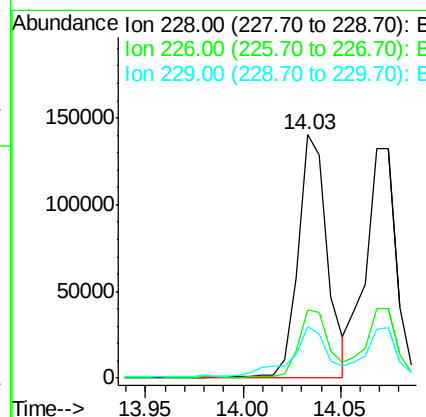
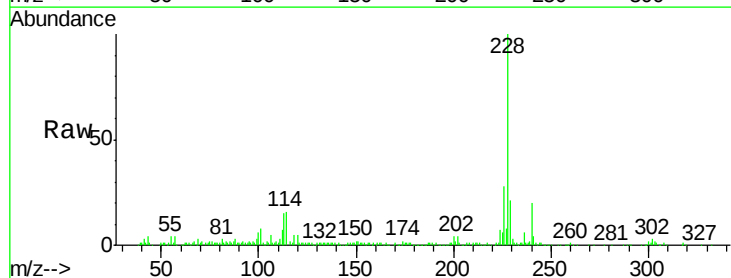
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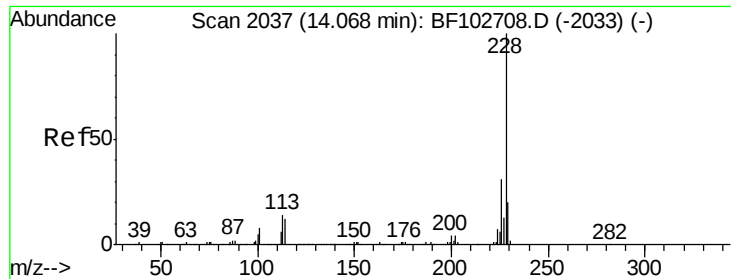
Sohil
 2/20/2018 10:20:57 AM



#80
 Benzo(a)anthracene
 Concen: 7.164 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF103099.D
 Acq: 19 Feb 2018 23:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.4	15.8	23.6





#82

Chrysene

Concen: 7.090 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF103099.D

Acq: 19 Feb 2018 23:36

Instrument :

BNA_F

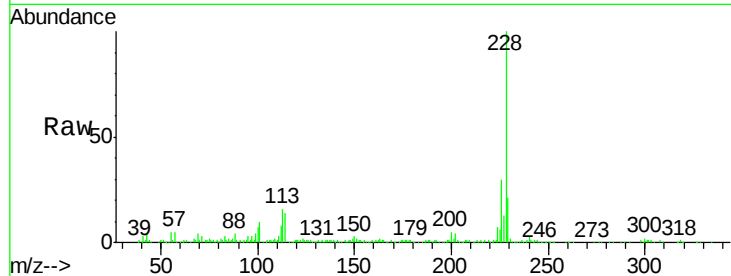
ClientSampleId :

A2 SB44 BOT-N 7

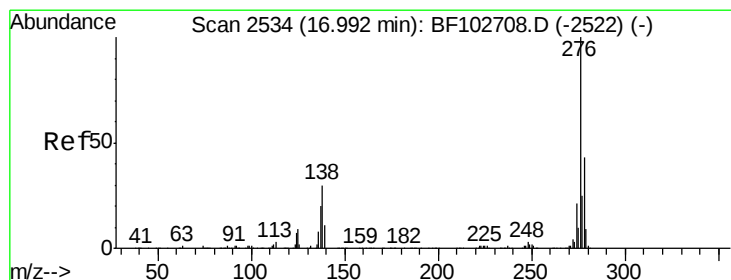
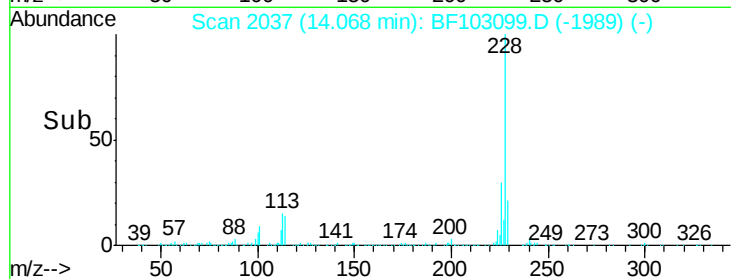
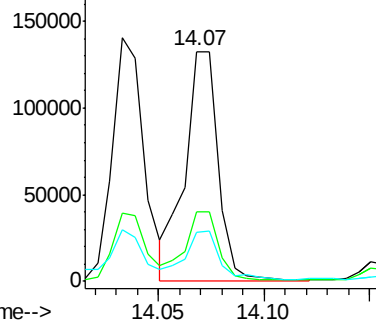
Tgt Ion:	228	Resp:	144644
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	21.5	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.220 ng

RT: 17.04 min Scan# 2542

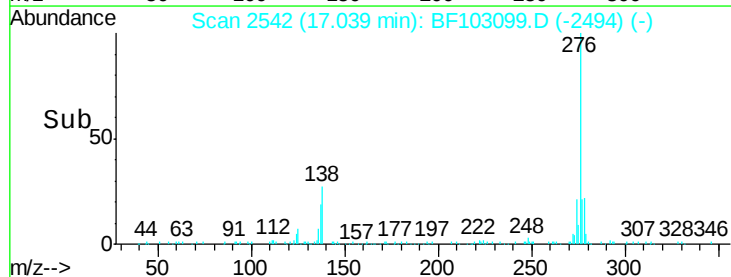
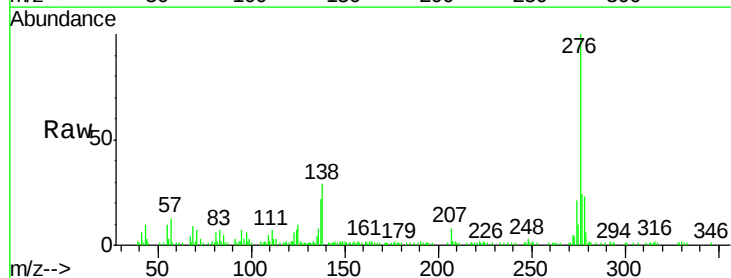
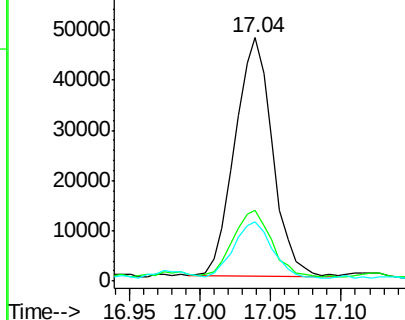
Delta R.T. -0.02 min

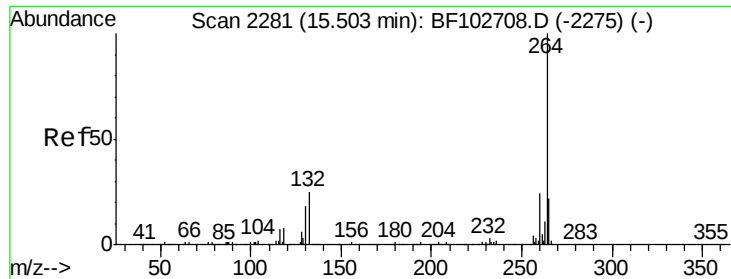
Lab File: BF103099.D

Acq: 19 Feb 2018 23:36

Tgt Ion:	276	Resp:	88326
Ion Ratio	Lower	Upper	
276	100		
138	30.2	25.0	37.6
277	24.4	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





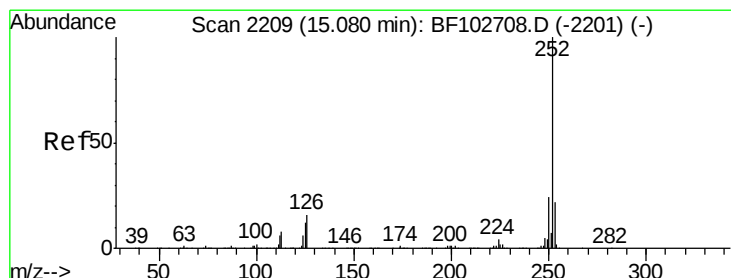
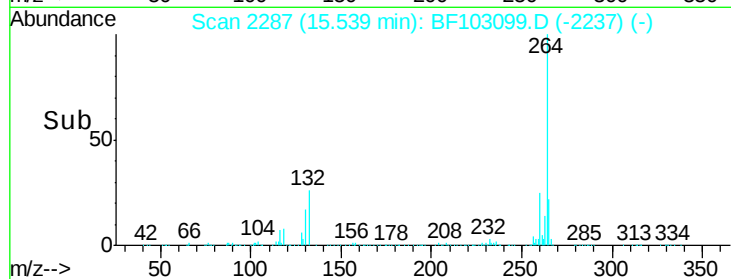
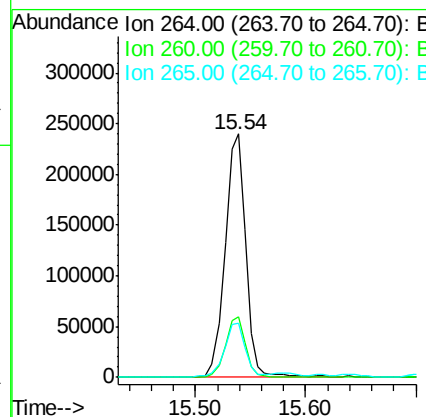
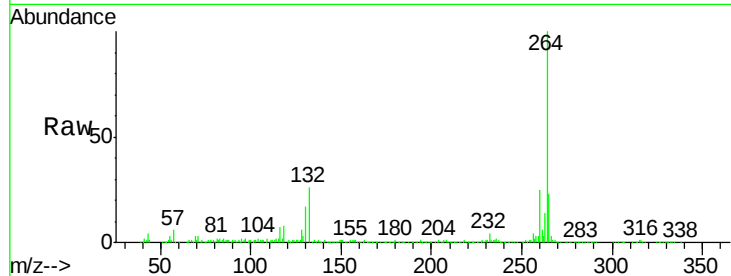
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :
A2 SB44 BOT-N 7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3

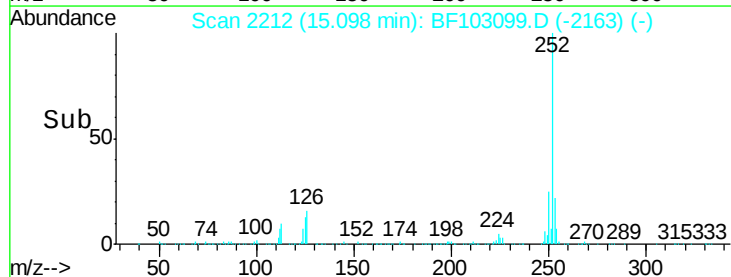
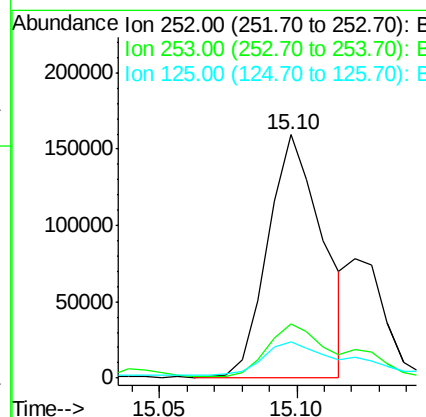
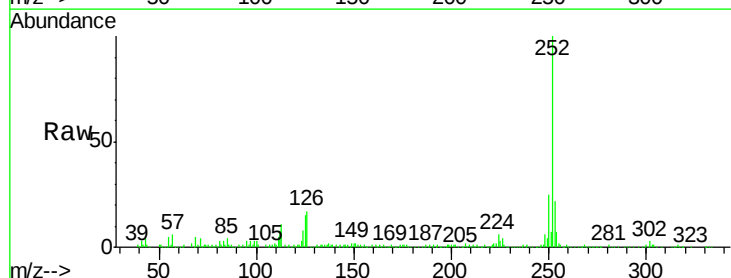
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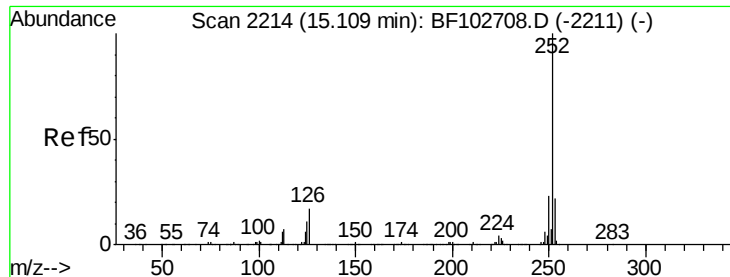
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#87
Benzo(b)fluoranthene
Concen: 10.986 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.8	9.0	13.6





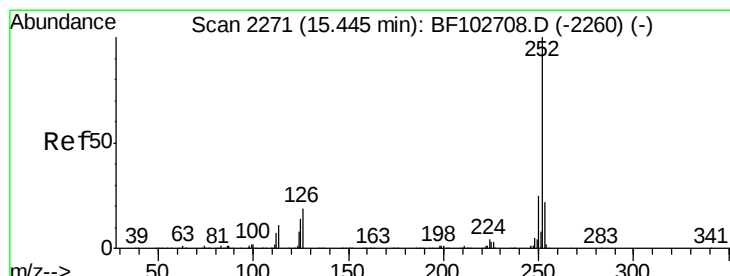
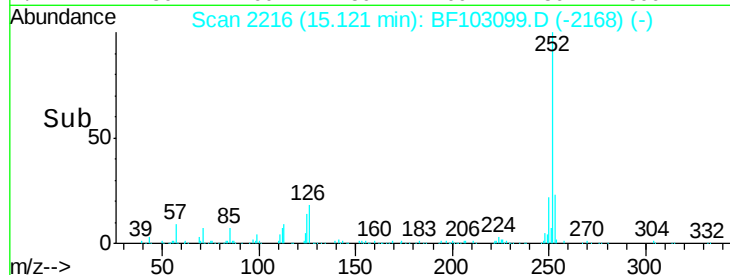
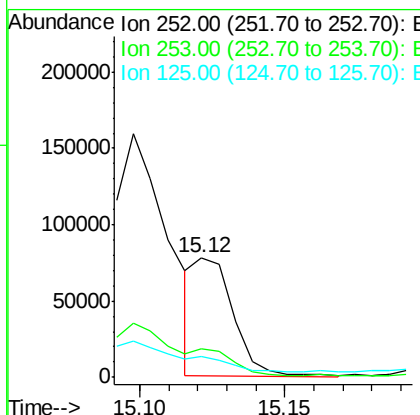
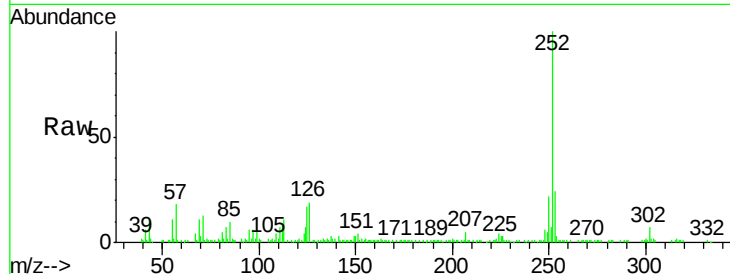
#88
Benzo(k)fluoranthene
Concen: 3.758 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :
A2 SB44 BOT-N 7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	17.5	10.2	15.2

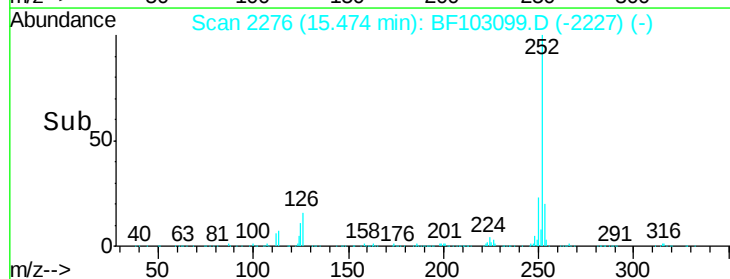
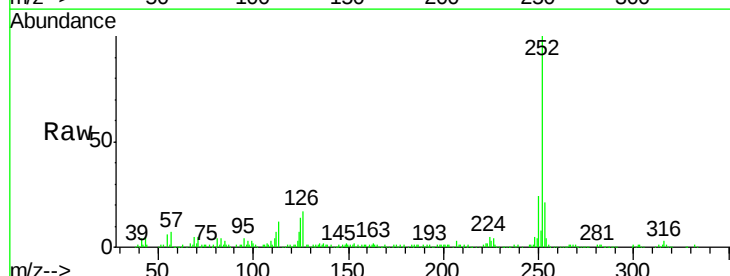
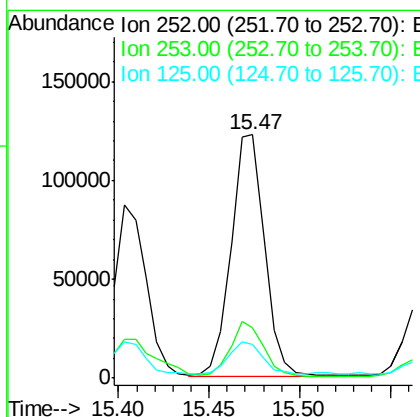
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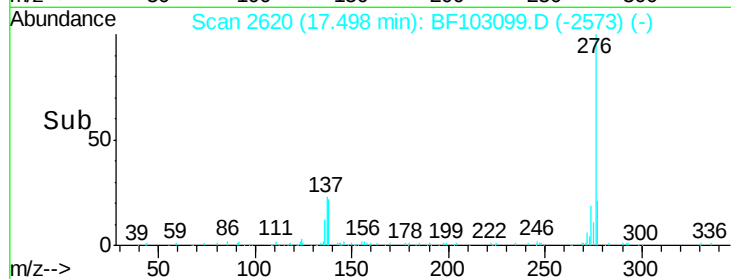
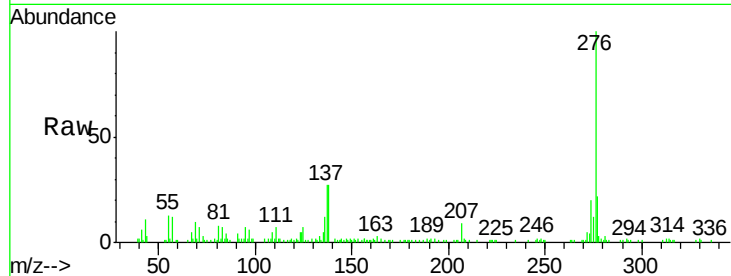
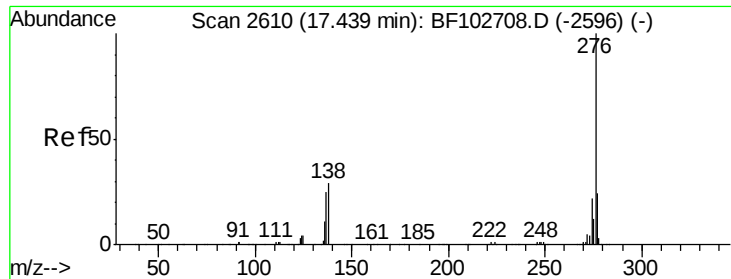
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#89
Benzo(a)pyrene
Concen: 8.717 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF103099.D
Acq: 19 Feb 2018 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	14.1	9.8	14.6





#91
 Benzo(g,h,i)perylene
 Concen: 5.853 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF103099.D
 Acq: 19 Feb 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB44_BOT-N_7

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.9	26.9
138	27.1	21.8	32.8

Manual Integrations
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