

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103341.D
 Acq On : 1 Mar 2018 17:16
 Operator : SJ/JU
 Sample : J1721-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-48

Manual Integrations
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Sohil
 3/2/2018 3:30:46 PM

Quant Time: Mar 02 09:59:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	128493	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	486427	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	170396	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	259206	20.00	ng	0.00
75) Chrysene-d12	14.06	240	186944	20.00	ng	0.00
86) Perylene-d12	15.57	264	129922	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	920887	108.39	ng	0.01
7) Phenol-d6	6.52	99	1070530	102.98	ng	0.00
23) Nitrobenzene-d5	7.44	82	675112	79.26	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	128126	88.83	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	790302	78.43	ng	0.00
78) Terphenyl-d14	13.00	244	581223	74.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	84708	6.197	ng	Qvalue # 98
70) Phenanthrene	11.43	178	175302	12.289	ng	98
71) Anthracene	11.49	178	54510	3.726	ng	99
74) Fluoranthene	12.63	202	292956	20.437	ng	98
77) Pyrene	12.86	202	275107	18.875	ng	99
80) Benzo(a)anthracene	14.05	228	116697	9.621	ng	98
82) Chrysene	14.09	228	105804	8.984	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	35205	3.776	ng	95
87) Benzo(b)fluoranthene	15.13	252	96339m	11.278	ng	
88) Benzo(k)fluoranthene	15.15	252	34602m	4.302	ng	
89) Benzo(a)pyrene	15.51	252	64370	8.438	ng	# 86
91) Benzo(a,h,i)perylene	17.57	276	35648	6.188	ng	91

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

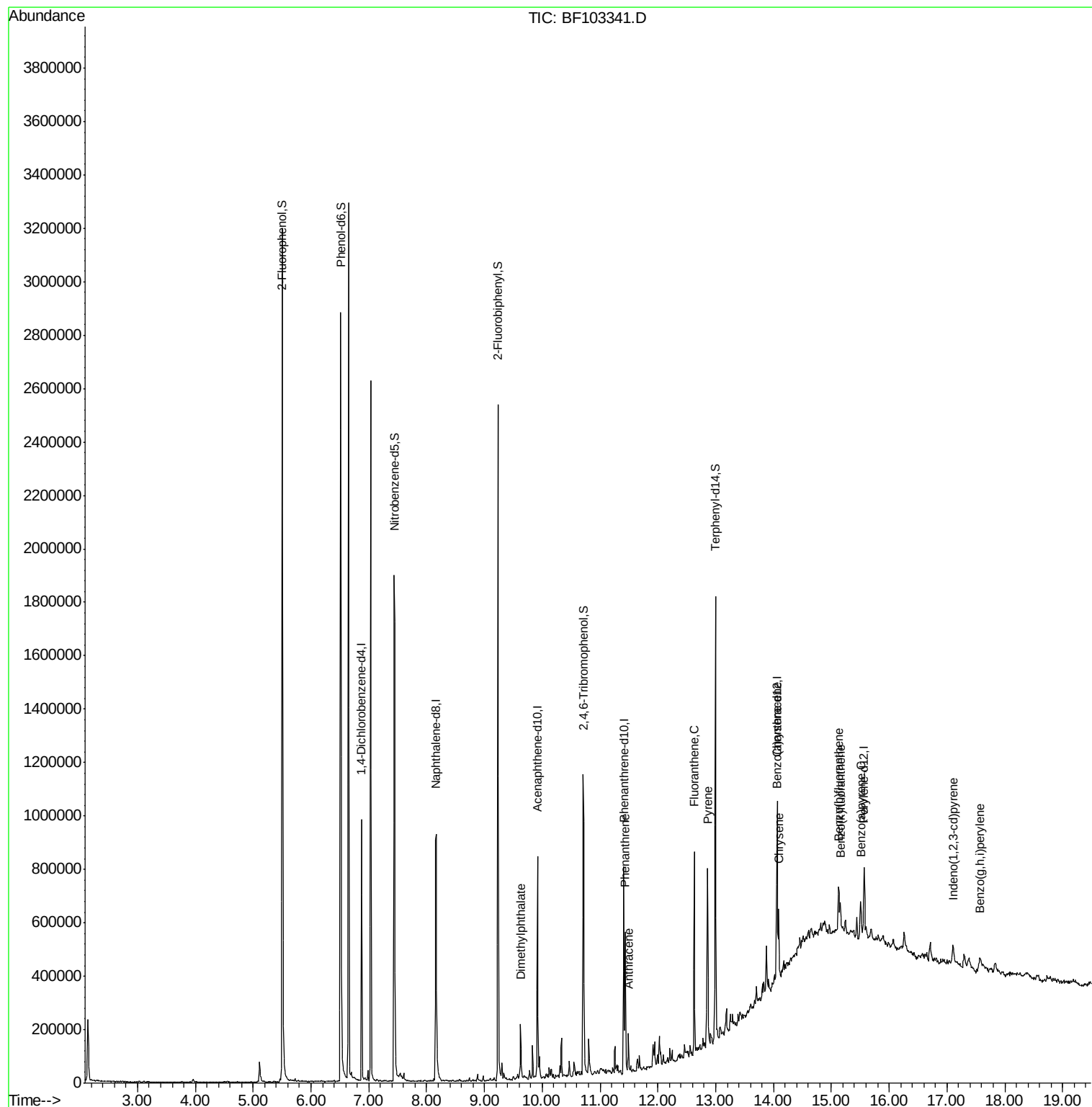
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103341.D
Acq On : 1 Mar 2018 17:16
Operator : SJ/JU
Sample : J1721-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

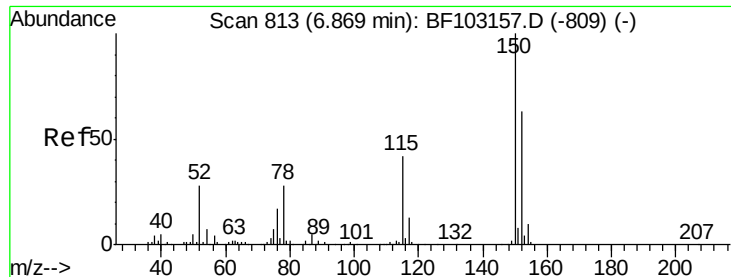
Instrument :
BNA_F
ClientSampleId :
SP-48

Manual Integrations
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#1

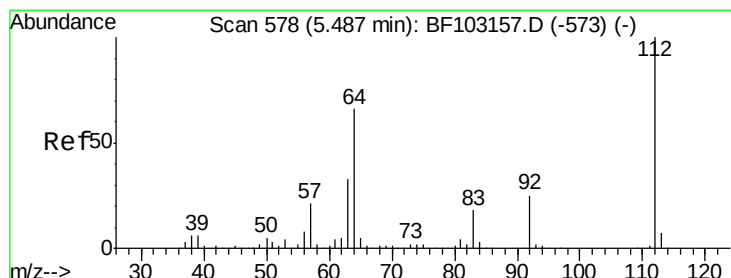
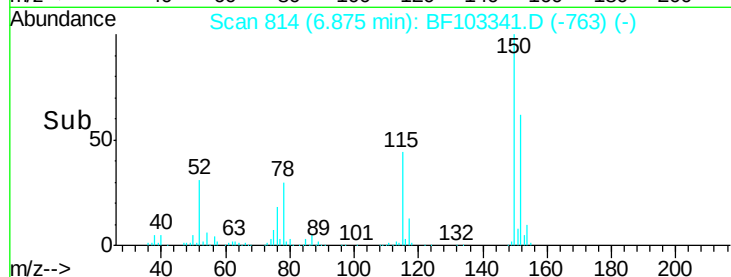
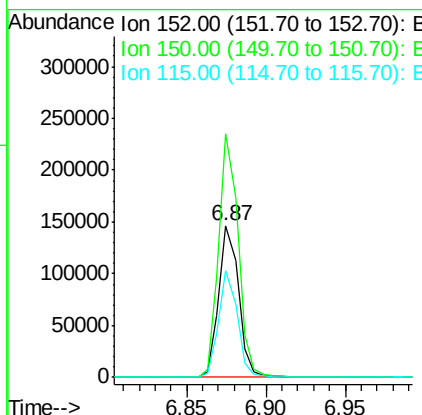
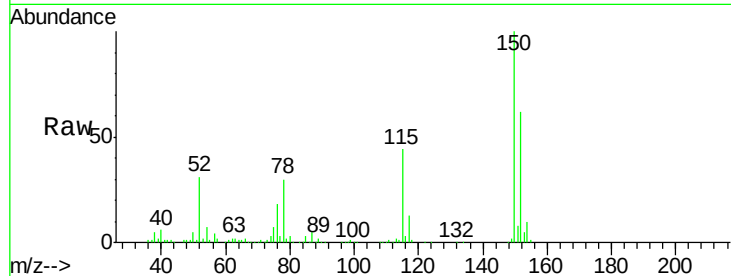
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Instrument :
BNA_F
ClientSampled :
SP-48

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	69.9	50.1	75.1

Manual Integrations
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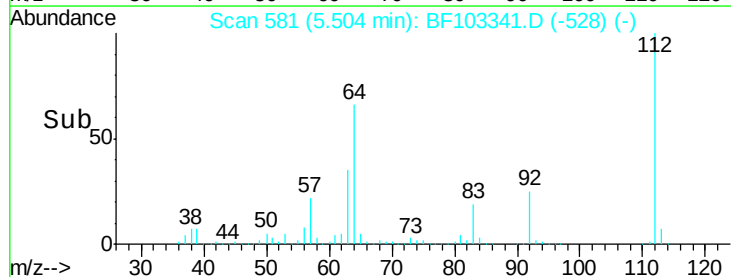
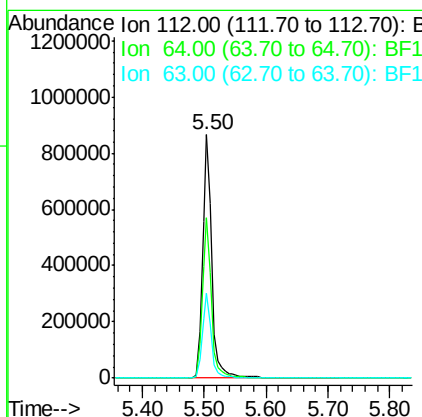
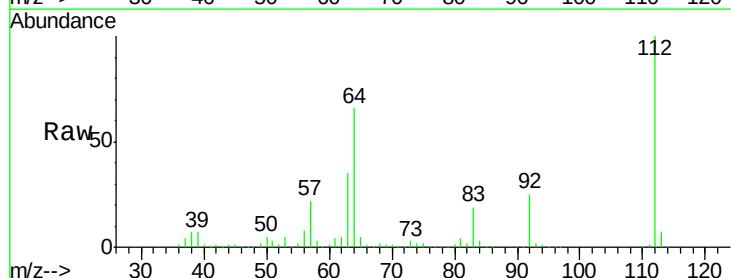
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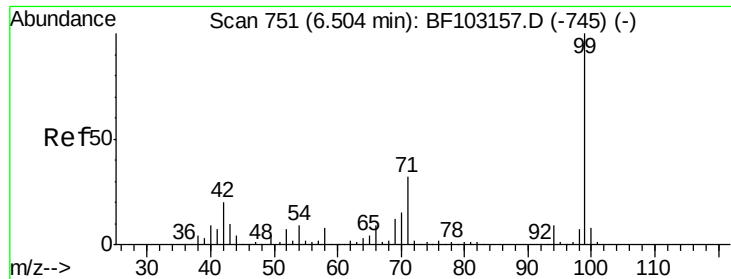


#5

2-Fluorophenol
Concen: 108.393 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	34.7	23.7	35.5





#7

Phenol-d6

Concen: 102.976 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Instrument :

BNA_F

ClientSampled :

SP-48

Tot Ion: 99 Resp: 1070530

Ion Ratio Lower Upper

99 100

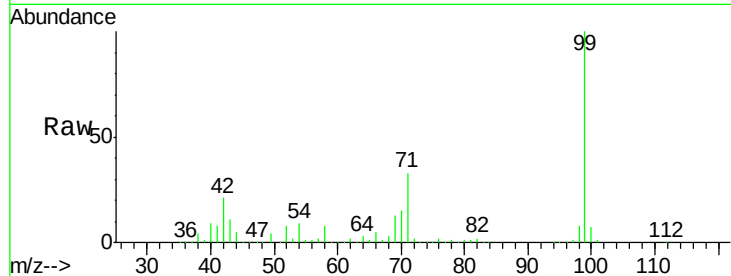
42 21.3 14.5 21.7

71 33.4 25.4 38.0

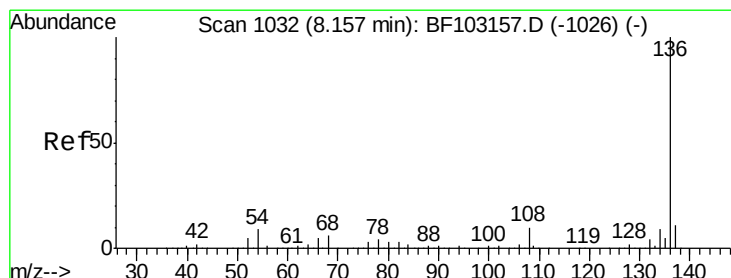
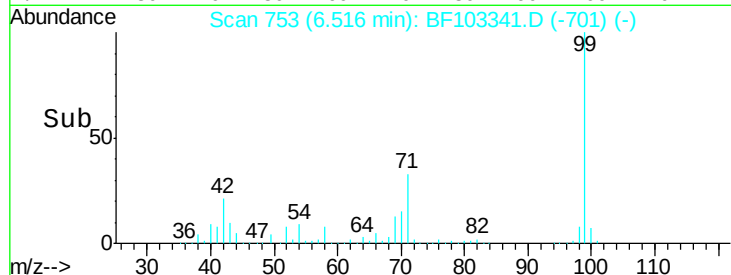
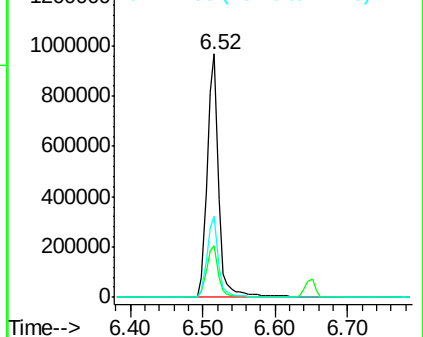
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Tgt Ion: 136 Resp: 486427

Ion Ratio Lower Upper

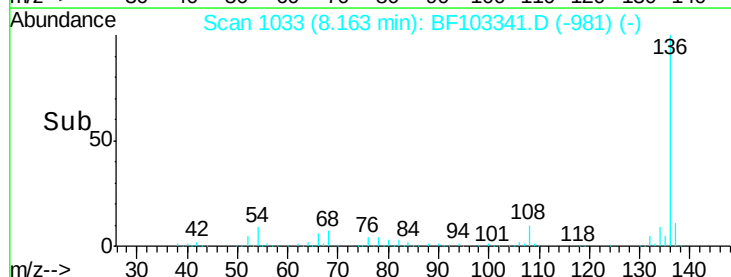
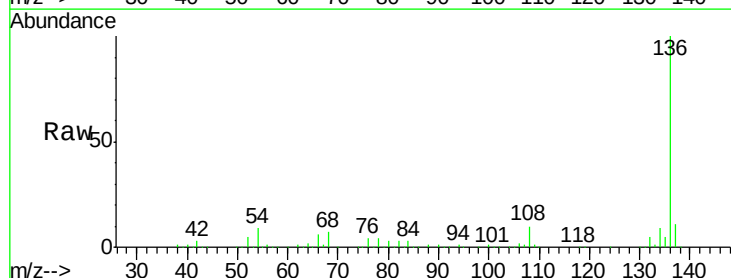
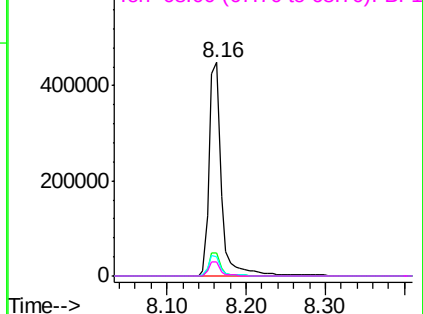
136 100

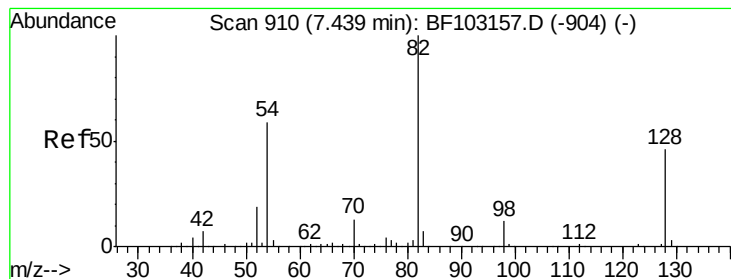
137 10.9 8.9 13.3

54 8.8 6.6 9.8

68 6.5 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 79.261 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Instrument :

BNA_F

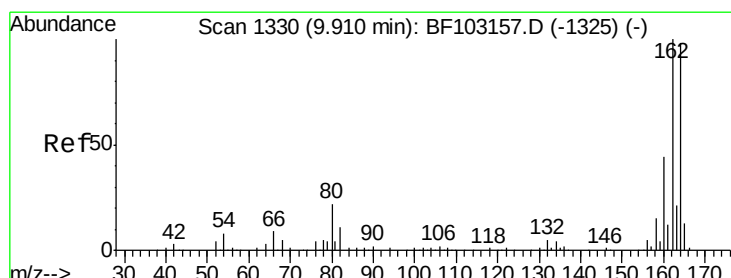
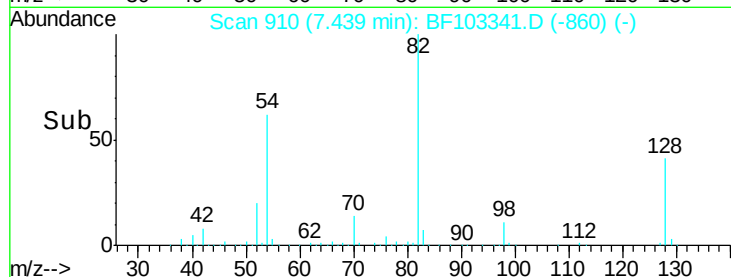
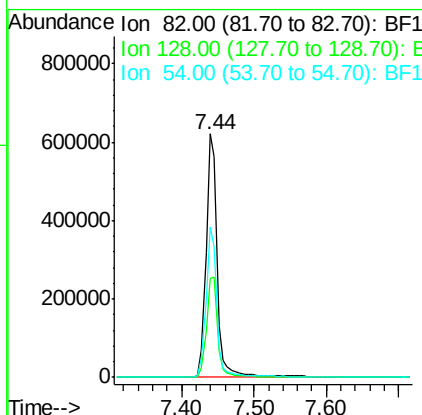
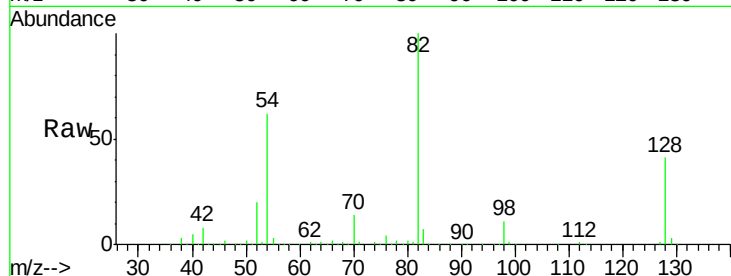
ClientSampled :

SP-48

Tot Ion:	82	Resp:	675112
Ion Ratio	Lower	Upper	
82	100		
128	40.8	36.1	54.1
54	61.8	41.4	62.2

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

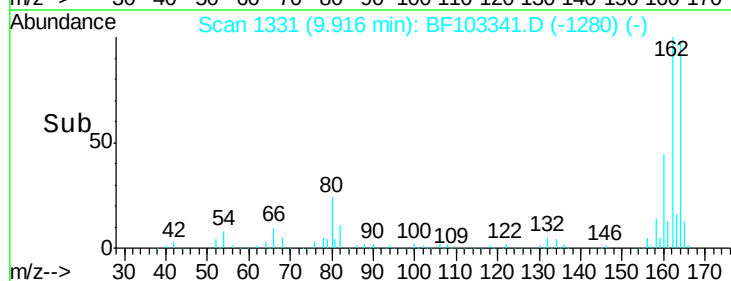
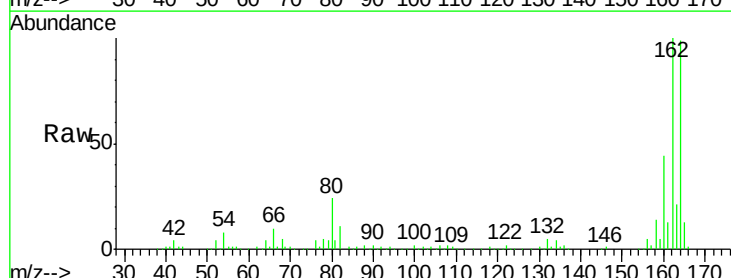
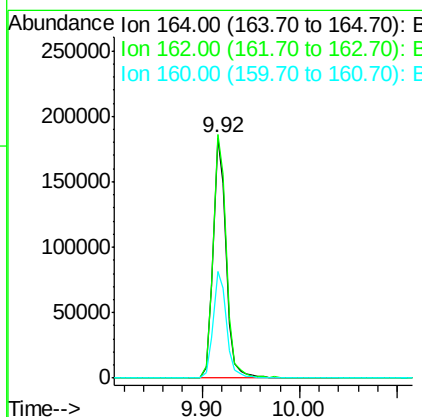
RT: 9.92 min Scan# 1331

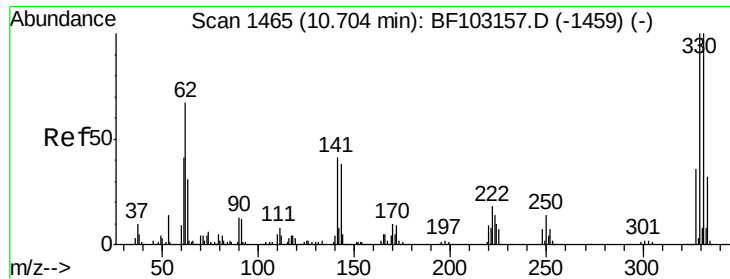
Delta R.T. -0.00 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Tgt Ion:	164	Resp:	170396
Ion Ratio	Lower	Upper	
164	100		
162	101.4	86.1	129.1
160	44.3	38.3	57.5





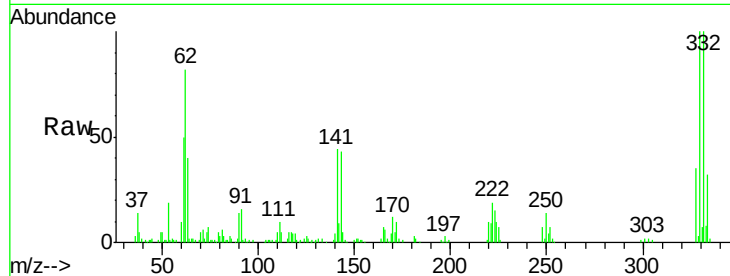
#41
 2,4,6-Tribromophenol
 Concen: 88.834 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103341.D
 Acq: 1 Mar 2018 17:16

Instrument :
 BNA_F
 ClientSampled :
 SP-48

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.3	77.0	115.6	
141	44.1	29.9	44.9	

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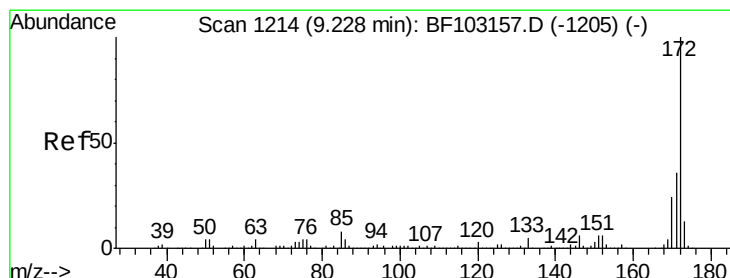
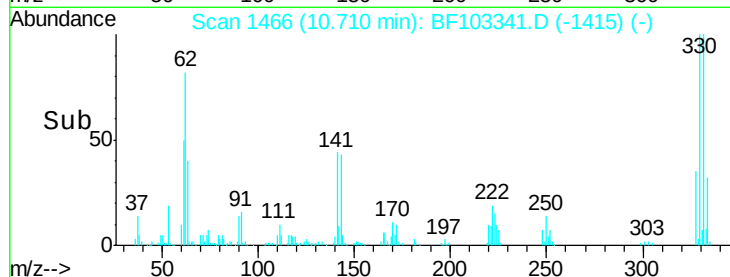
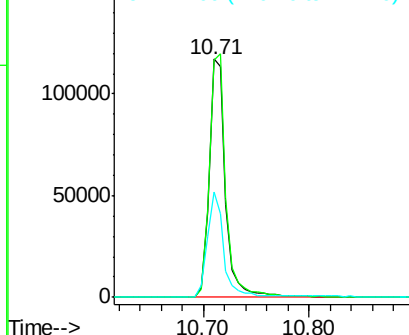


Abundance

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: 78.428 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103341.D
 Acq: 1 Mar 2018 17:16

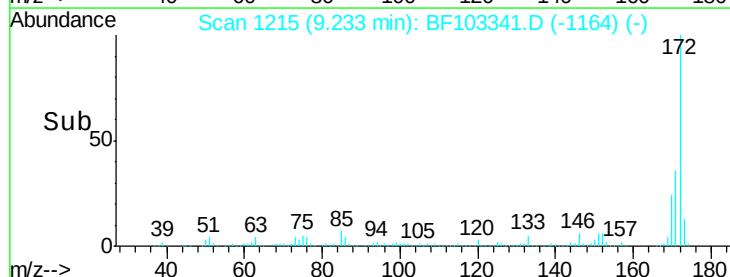
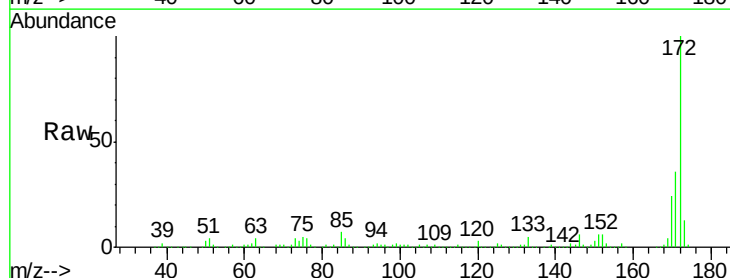
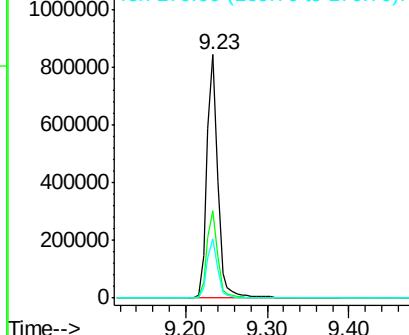
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.4	19.6	29.4	

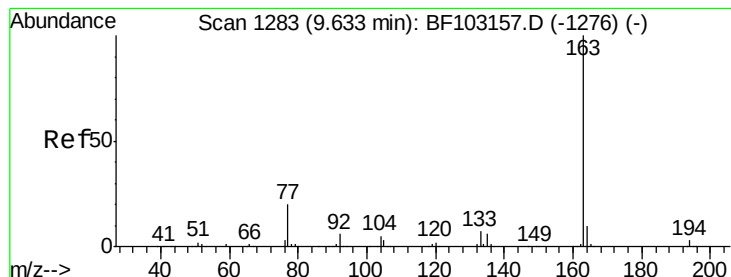
Abundance

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: 6.197 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Instrument :

BNA_F

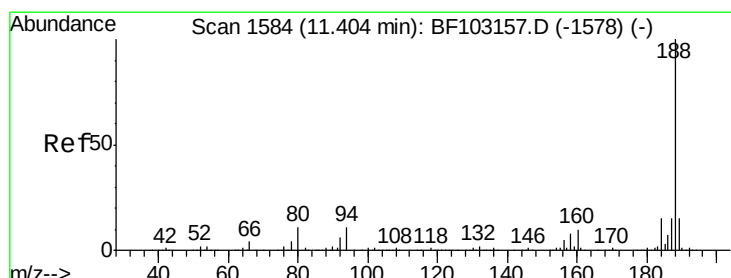
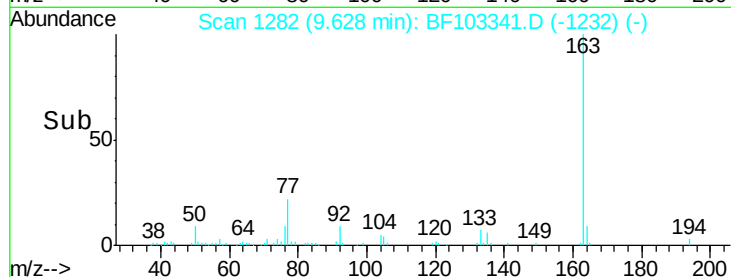
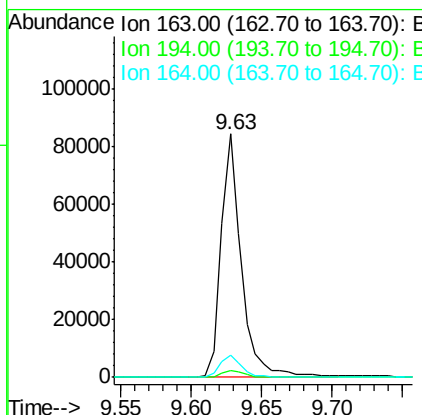
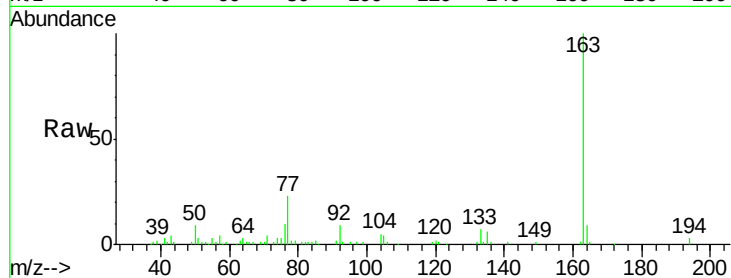
ClientSampled :

SP-48

Tot Ion:	163	Resp:	84708
Ion Ratio	Lower	Upper	
163	100		
194	2.6	2.7	4.1#
164	9.4	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

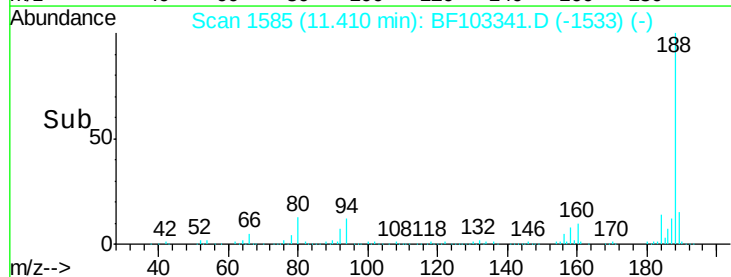
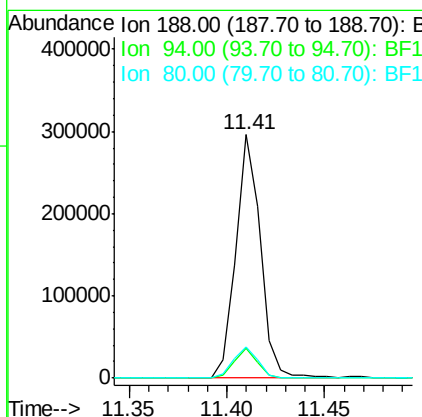
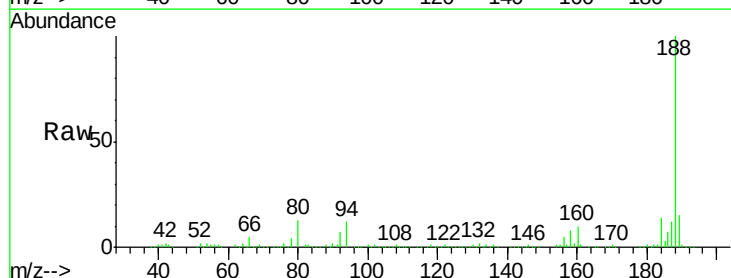
RT: 11.41 min Scan# 1585

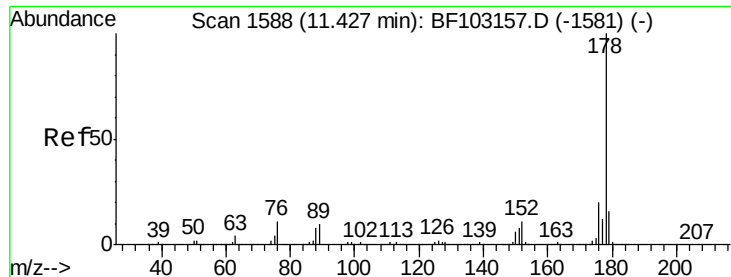
Delta R.T. 0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Tgt Ion:	188	Resp:	259206
Ion Ratio	Lower	Upper	
188	100		
94	12.3	8.5	12.7
80	12.9	9.2	13.8





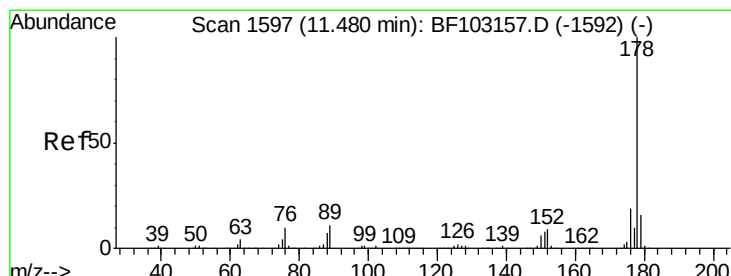
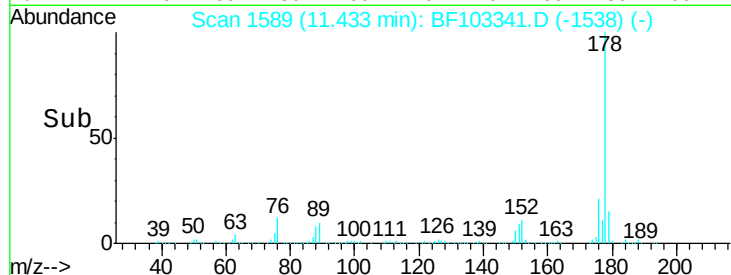
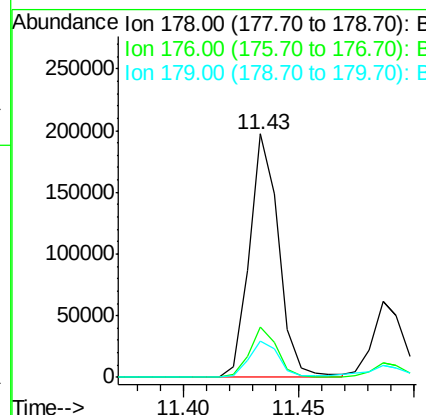
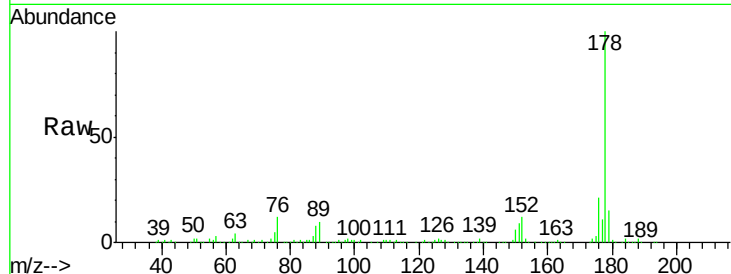
#70
Phenanthrene
Concen: 12.289 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Instrument :
BNA_F
ClientSampled :
SP-48

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	15.1	13.0	19.6

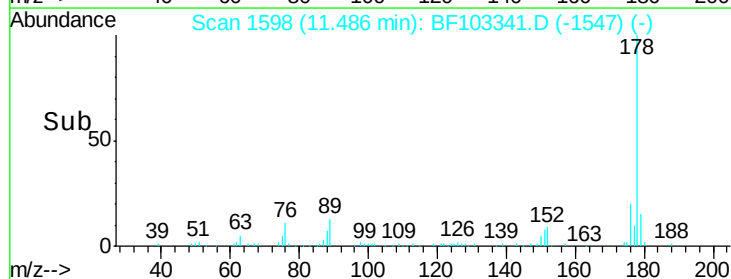
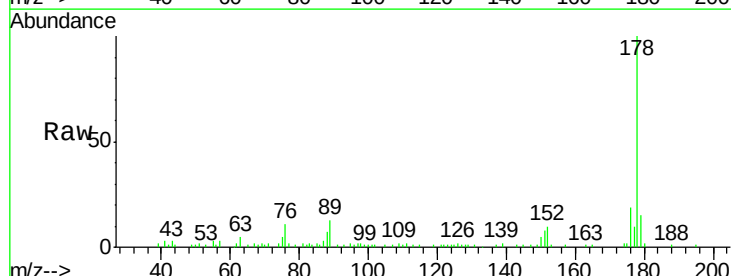
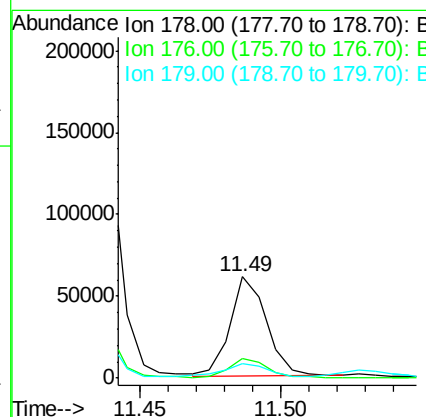
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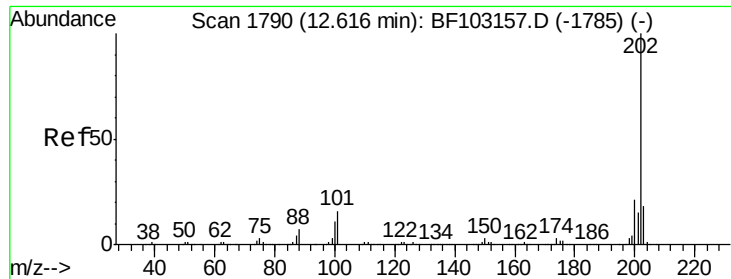
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#71
Anthracene
Concen: 3.726 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	14.9	12.6	19.0





#74

Fluoranthene

Concen: 20.437 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Instrument :

BNA_F

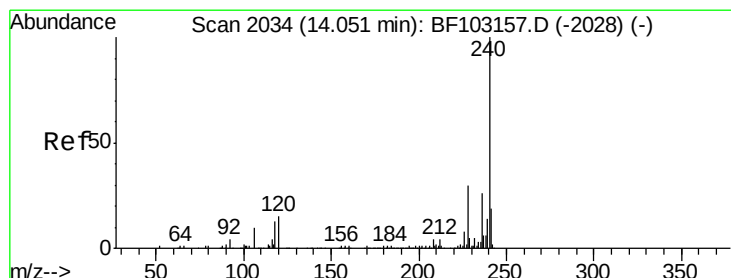
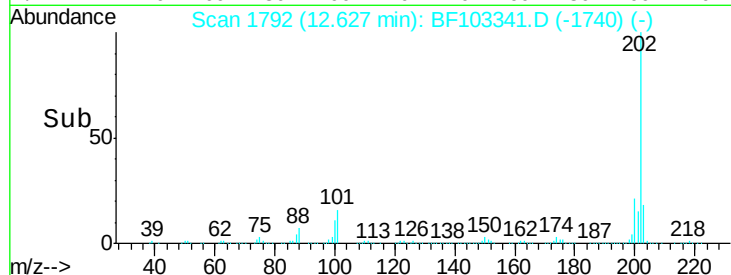
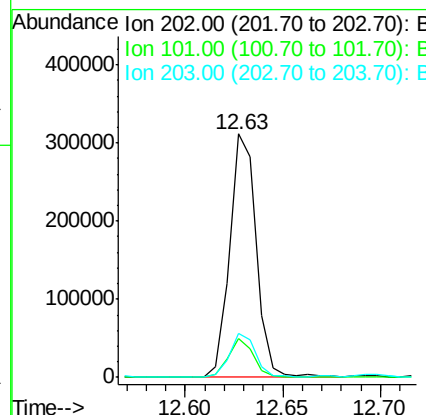
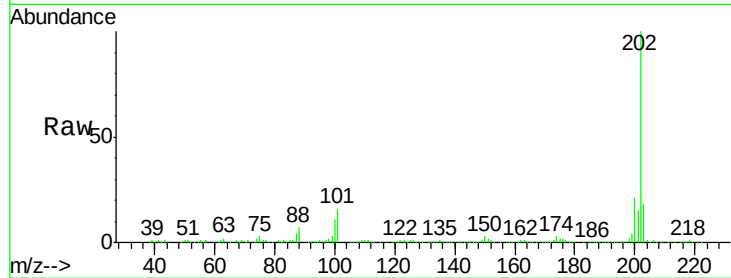
ClientSampleId :

SP-48

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.9	0.0	34.1
203	17.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

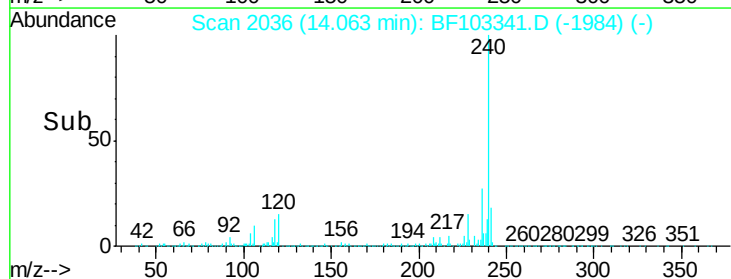
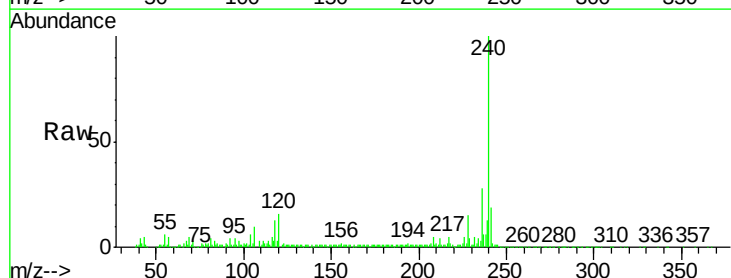
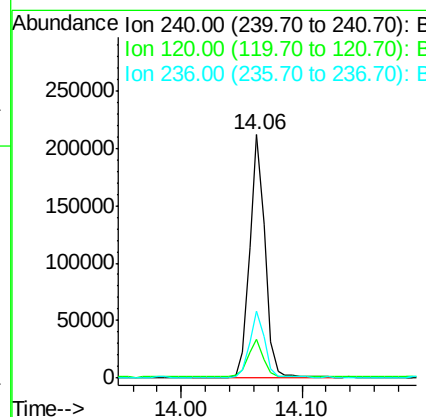
RT: 14.06 min Scan# 2036

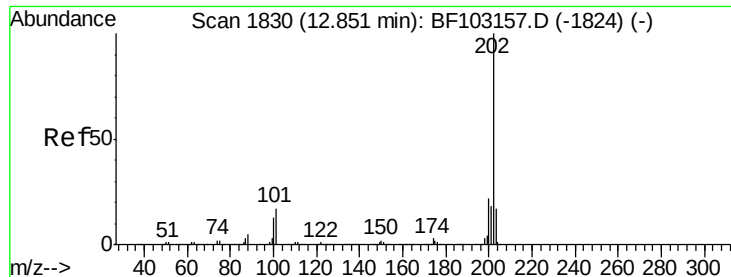
Delta R.T. 0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	27.5	20.7	31.1





#77

Pvrene

Concen: 18.875 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Instrument :

BNA_F

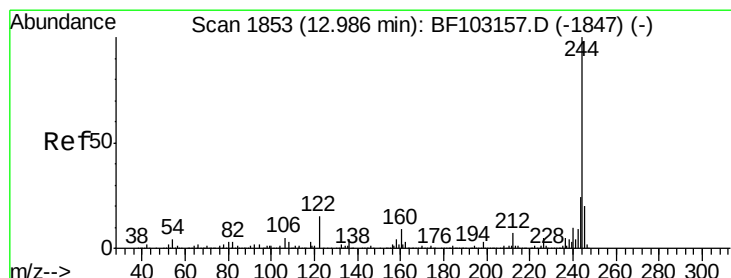
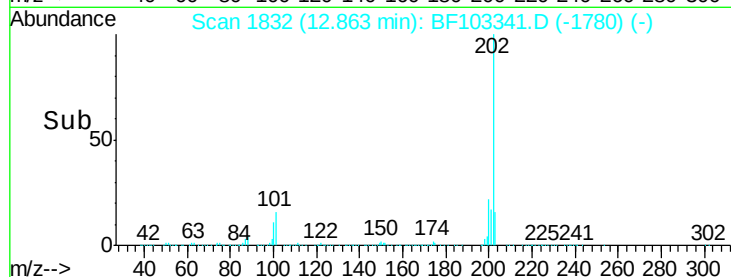
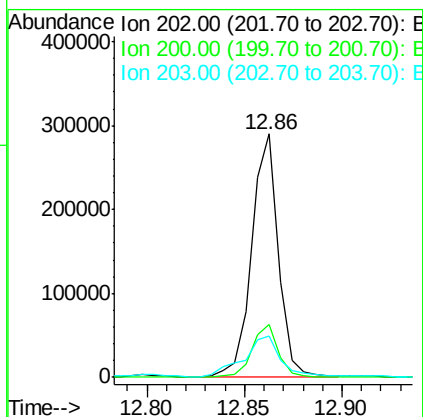
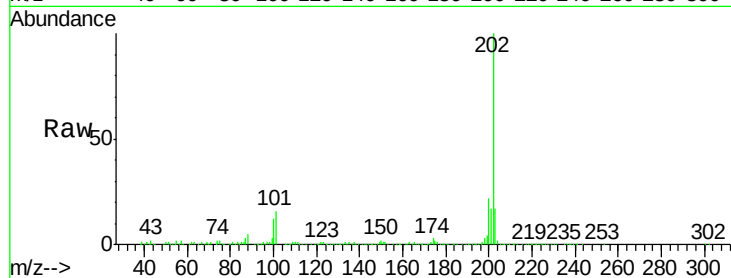
ClientSampled :

SP-48

Tot Ion:	202	Resp:	275107
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.4	26.2
203	16.8	14.3	21.5

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3/2/2018 3:30:46 PM



#78

Terphenyl-d14

Concen: 74.738 ng

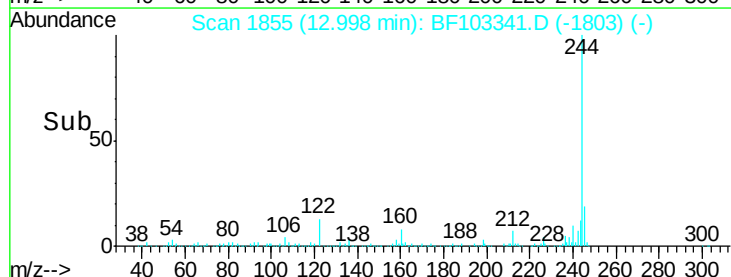
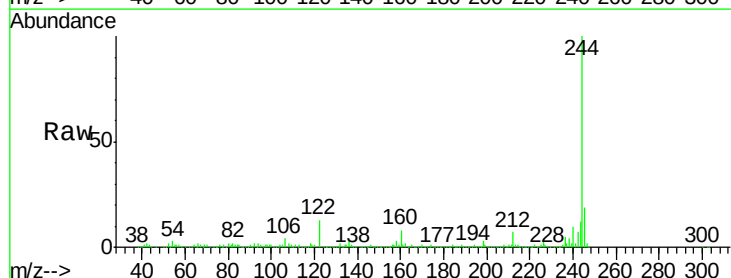
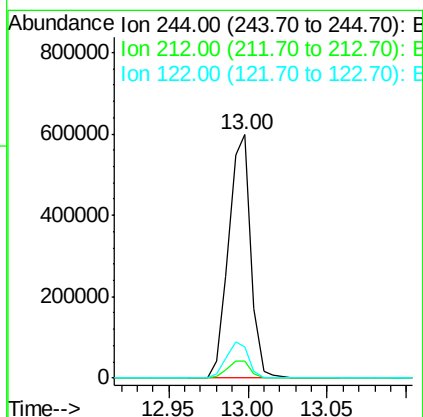
RT: 13.00 min Scan# 1855

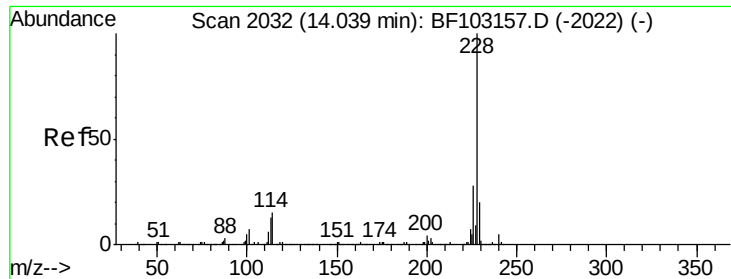
Delta R.T. 0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Tgt Ion:	244	Resp:	581223
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.8	11.0	16.4





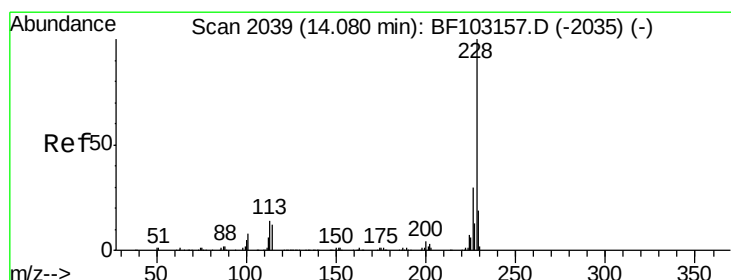
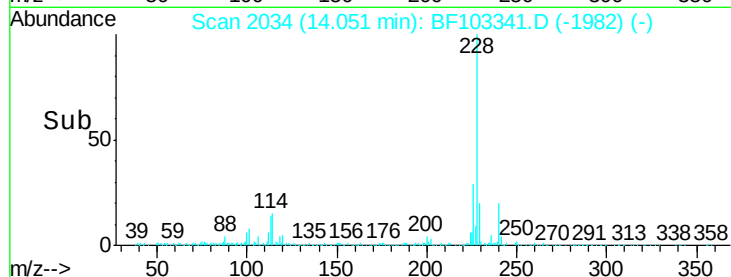
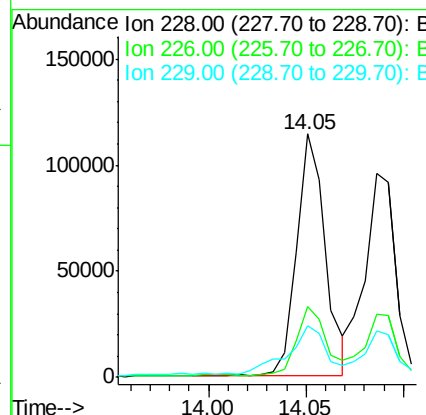
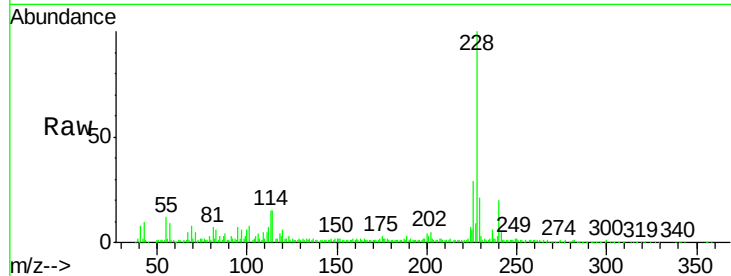
#80
Benzo(a)anthracene
Concen: 9.621 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Instrument :
BNA_F
ClientSampled :
SP-48

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.1	15.8	23.6

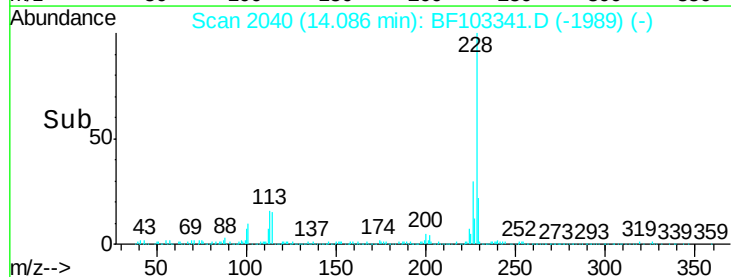
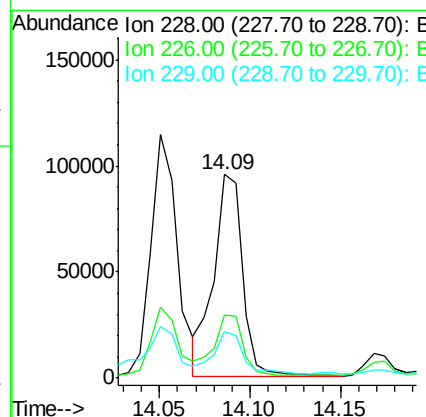
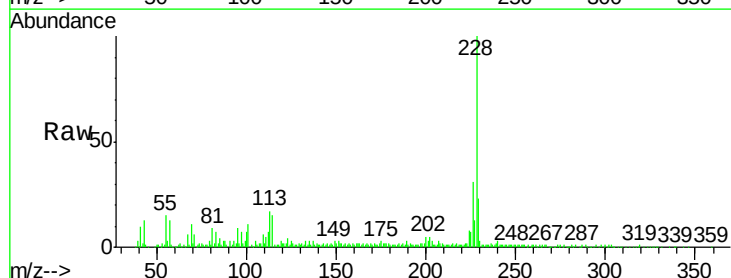
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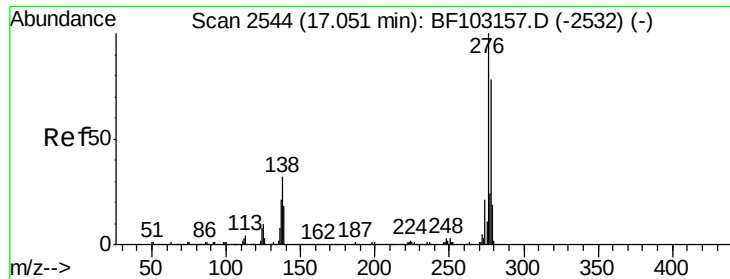
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#82
Chrysene
Concen: 8.984 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.0	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.776 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Instrument :

BNA_F

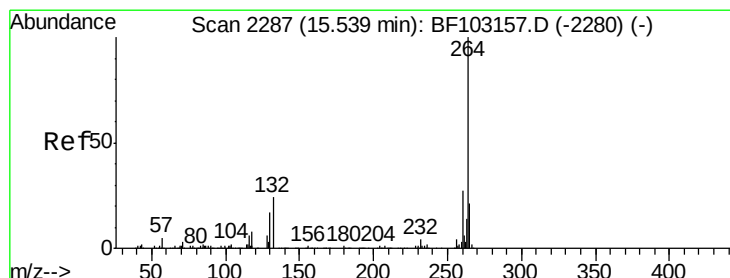
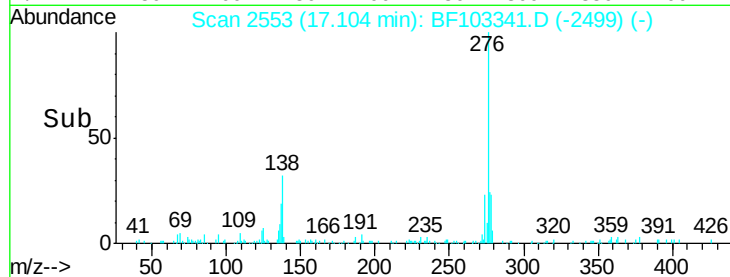
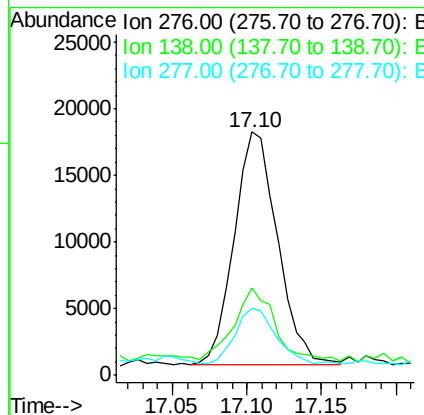
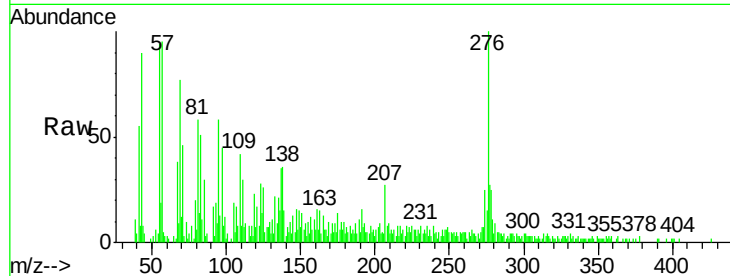
ClientSampled :

SP-48

Tot Ion:	276	Resp:	35205
Ion Ratio	Lower	Upper	
276	100		
138	28.9	25.0	37.6
277	22.2	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

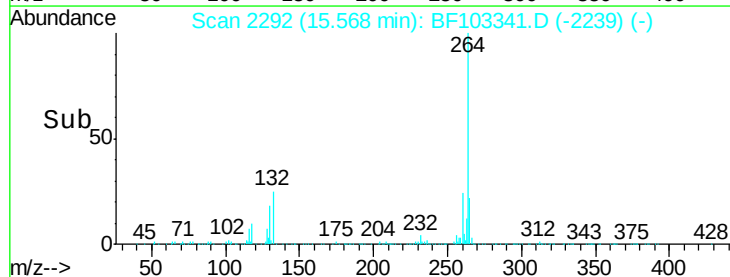
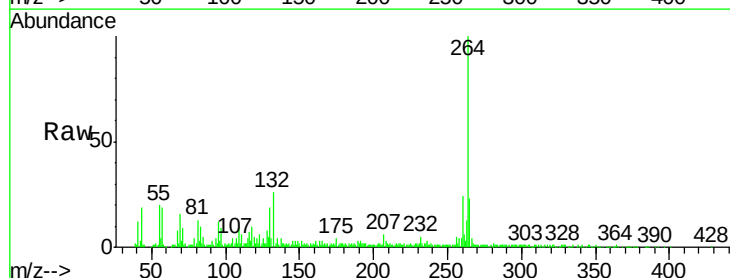
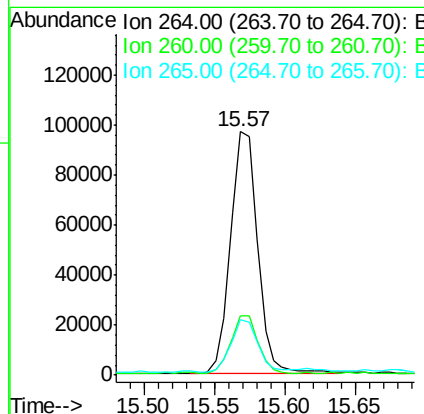
RT: 15.57 min Scan# 2292

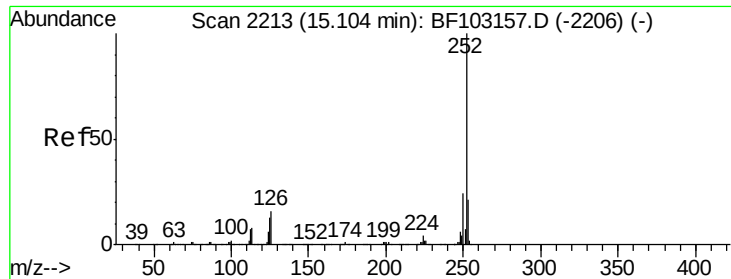
Delta R.T. 0.01 min

Lab File: BF103341.D

Acq: 1 Mar 2018 17:16

Tgt Ion:	264	Resp:	129922
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3





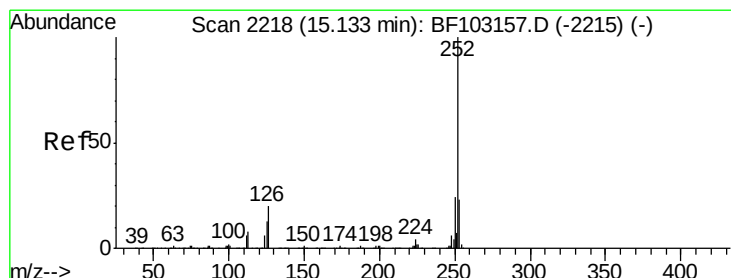
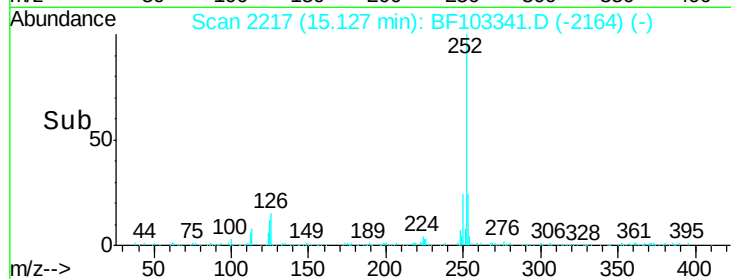
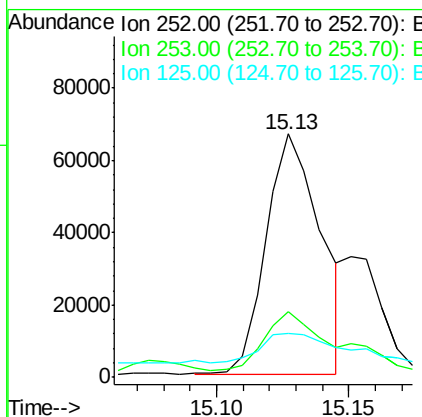
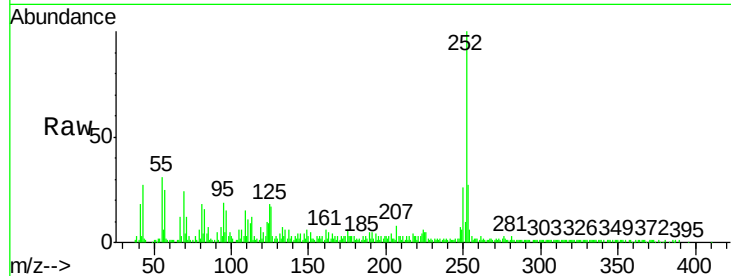
#87
Benzo(b)fluoranthene
Concen: 11.278 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Instrument :
BNA_F
ClientSampled :
SP-48

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	18.2	9.0	13.6#

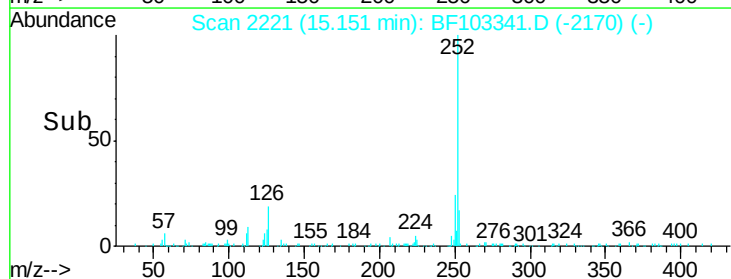
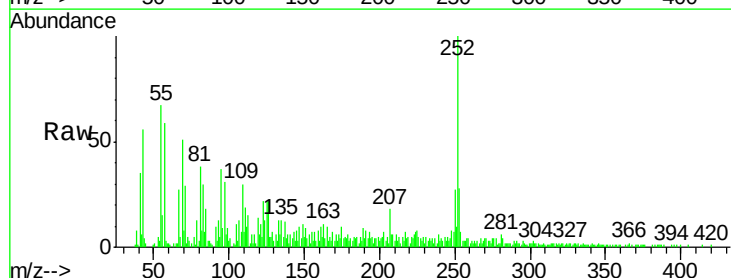
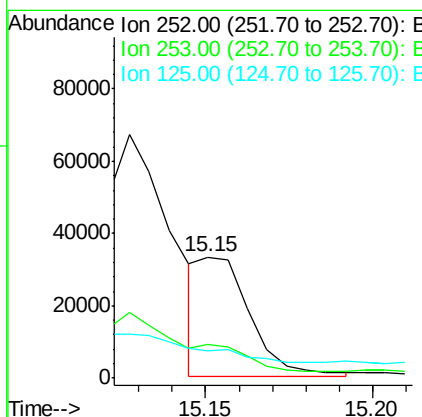
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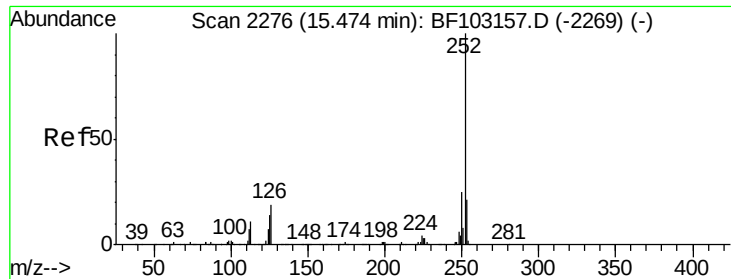
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3/2/2018 3:30:46 PM



#88
Benzo(k)fluoranthene
Concen: 4.302 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.9	26.9#
125	22.1	10.2	15.2#





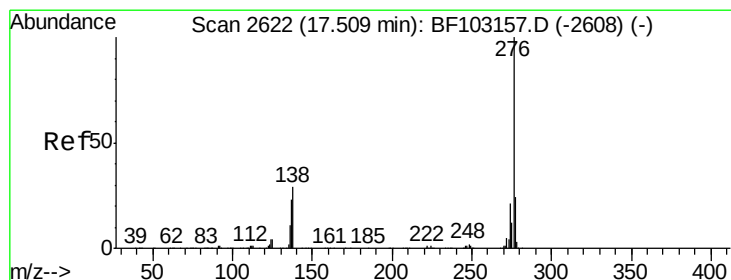
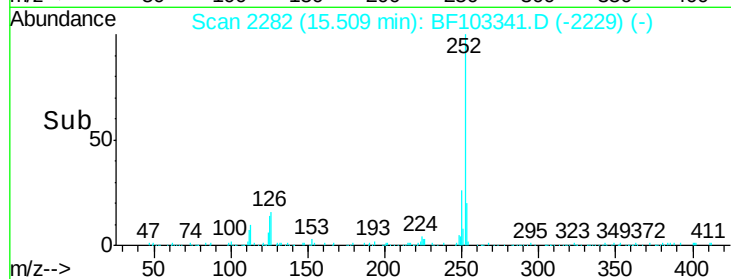
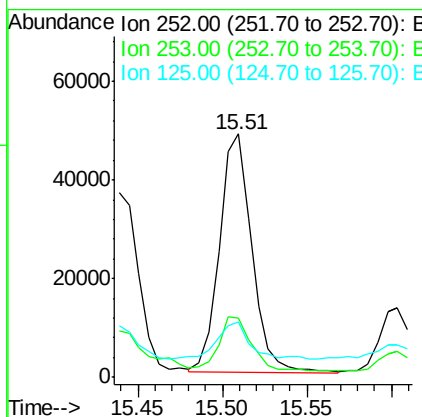
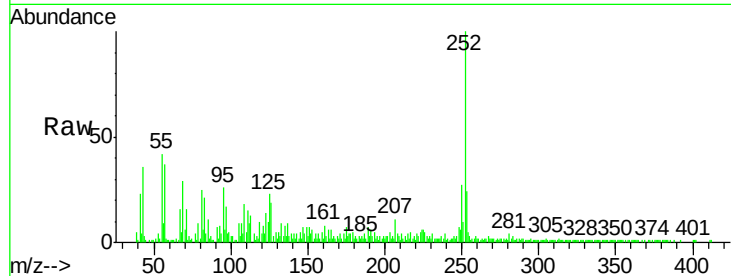
#89
Benzo(a)pyrene
Concen: 8.438 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Instrument :
BNA_F
ClientSampleId :
SP-48

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	23.0	9.8	14.6

Manual Integrations
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3/2/2018 3:30:46 PM



#91
Benzo(g,h,i)perylene
Concen: 6.188 ng
RT: 17.57 min Scan# 2632
Delta R.T. 0.03 min
Lab File: BF103341.D
Acq: 1 Mar 2018 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	32.1	21.8	32.8

