

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103316.D
 Acq On : 1 Mar 2018 1:37
 Operator : SJ/JU
 Sample : J1720-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-43

Manual Integrations
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Sohil
 3/1/2018 11:43:43 AM

Quant Time: Mar 01 03:07:46 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	139634	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	555361	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	198717	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	276308	20.00	ng	0.00
75) Chrysene-d12	14.06	240	222608	20.00	ng	0.00
86) Perylene-d12	15.56	264	170843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	983612	106.54	ng	0.00
7) Phenol-d6	6.51	99	1176924	104.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	751172	77.24	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	148315	88.18	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1009685	88.33	ng	0.00
78) Terphenyl-d14	12.99	244	685672	74.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	103971	6.522	ng	99
70) Phenanthrene	11.43	178	170596	11.219	ng	99
71) Anthracene	11.48	178	55243	3.543	ng	100
74) Fluoranthene	12.62	202	374548	24.512	ng	97
77) Pyrene	12.86	202	391965	22.584	ng	99
80) Benzo(a)anthracene	14.04	228	216199	14.968	ng	98
82) Chrysene	14.09	228	202125	14.412	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	72029	6.487	ng	96
87) Benzo(b)fluoranthene	15.12	252	223602m	19.906	ng	
88) Benzo(k)fluoranthene	15.14	252	65472m	6.190	ng	
89) Benzo(a)pyrene	15.50	252	141713	14.128	ng	# 92
90) Dibenzo(a,h)anthracene	17.09	278	20105	2.594	ng	# 66
91) Benzo(a,h,i)perylene	17.56	276	69989	9.239	ng	95

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

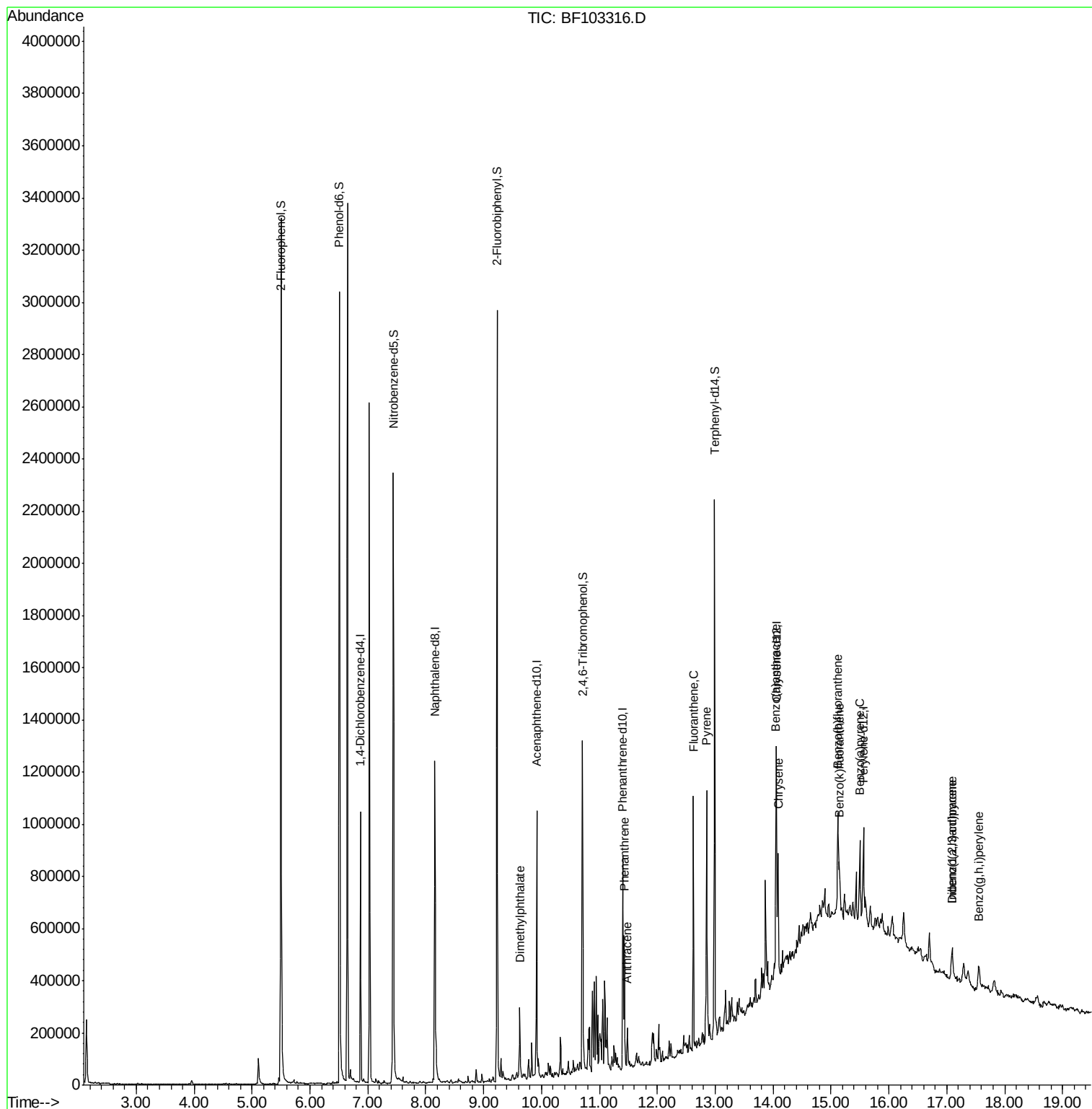
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103316.D
Acq On : 1 Mar 2018 1:37
Operator : SJ/JU
Sample : J1720-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

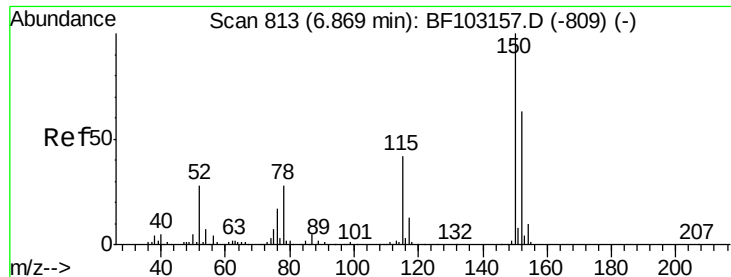
Instrument :
BNA_F
ClientSampled :
SP-43

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Sohil
3/1/2018 11:43:43 AM

Quant Time: Mar 01 03:07:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

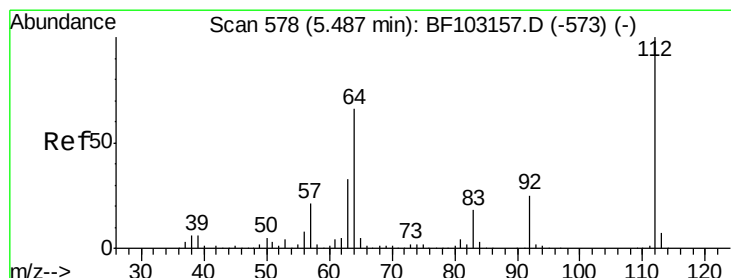
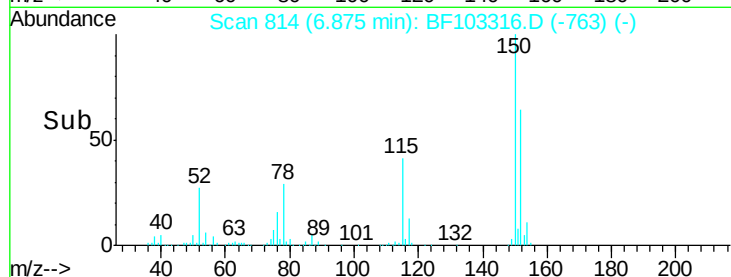
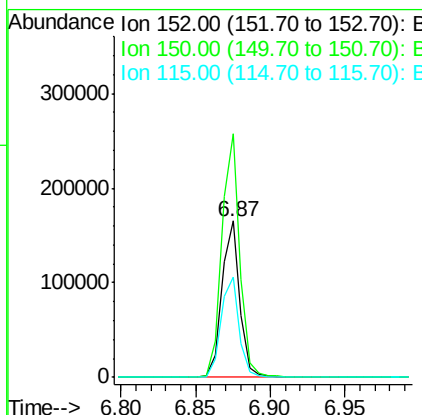
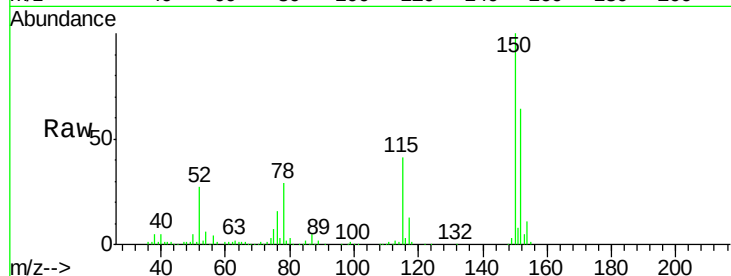
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Instrument :
BNA_F
ClientSampled :
SP-43

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	64.1	50.1	75.1

Manual Integrations
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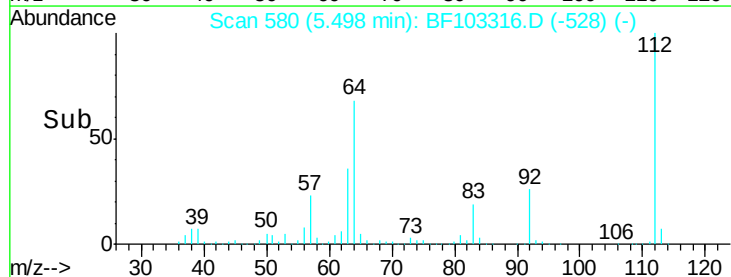
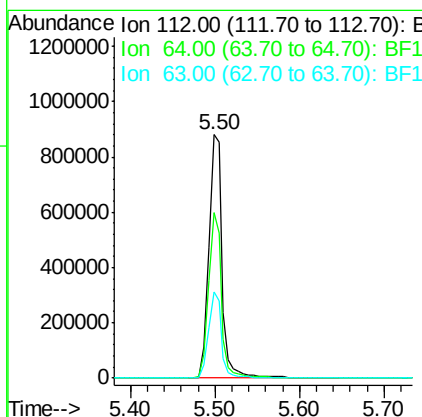
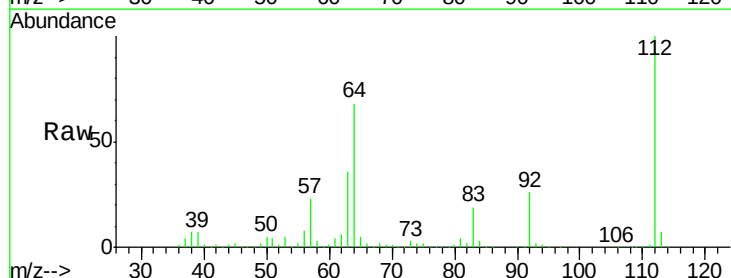
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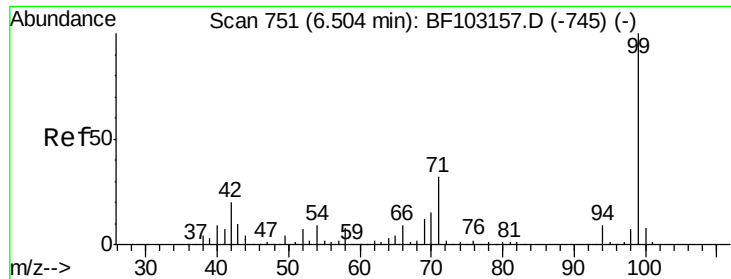


#5

2-Fluorophenol
Concen: 106.539 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	47.9	71.9
63	35.6	23.7	35.5





#7

Phenol-d6

Concen: 104.178 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA_F

ClientSampled :

SP-43

Tot Ion: 99 Resp: 1176924

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

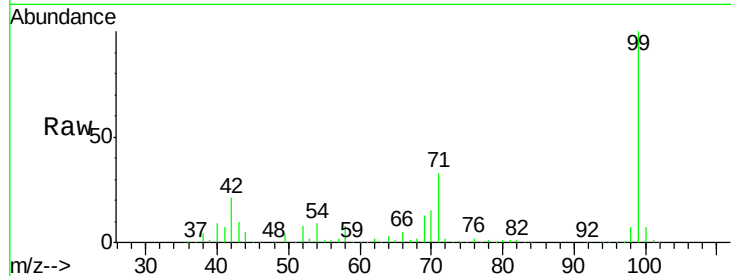
71 33.5 25.4 38.0

Manual Integrations

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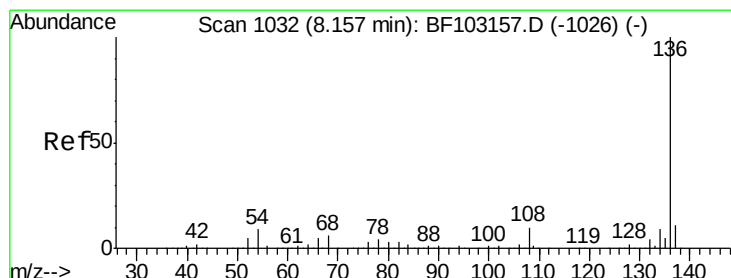
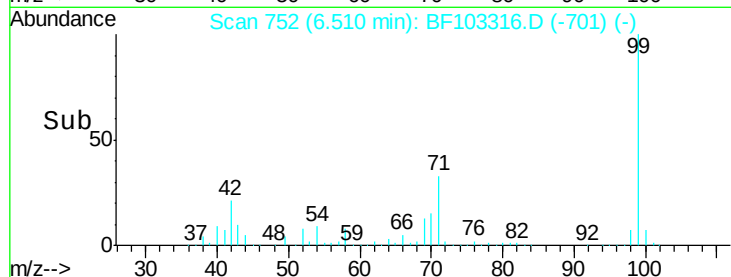
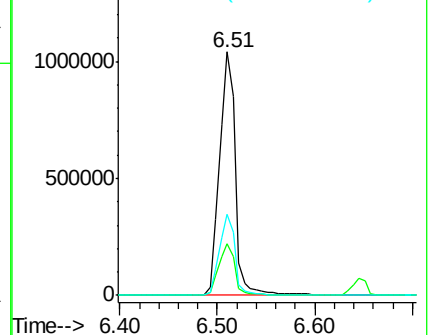
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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# 1032

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Tgt Ion:136 Resp: 555361

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

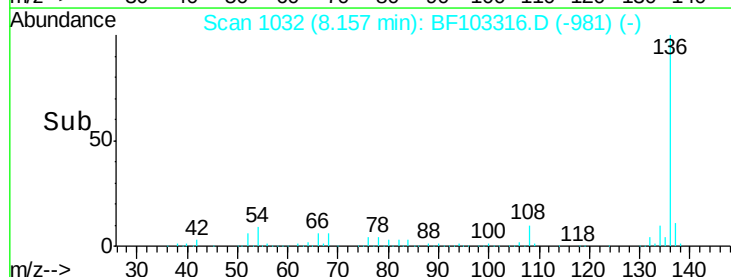
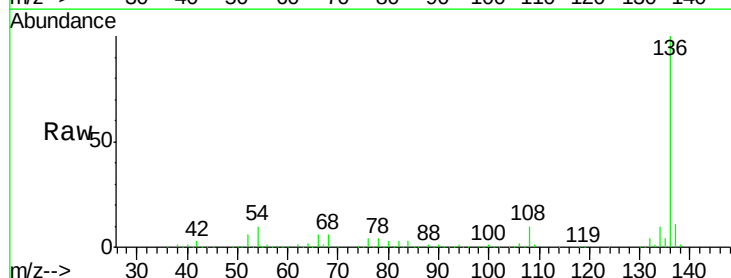
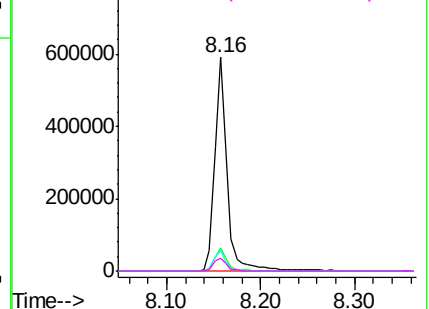
68 6.3 5.0 7.4

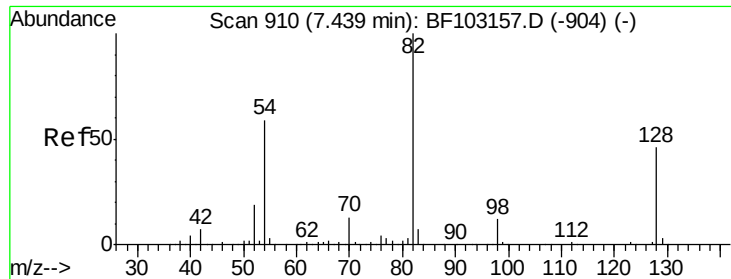
Abundance Ion 136.00 (135.70 to 136.70): E

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





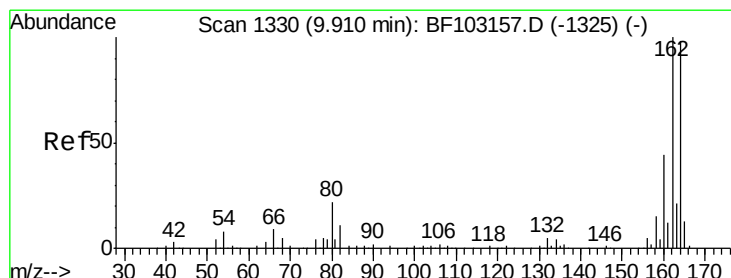
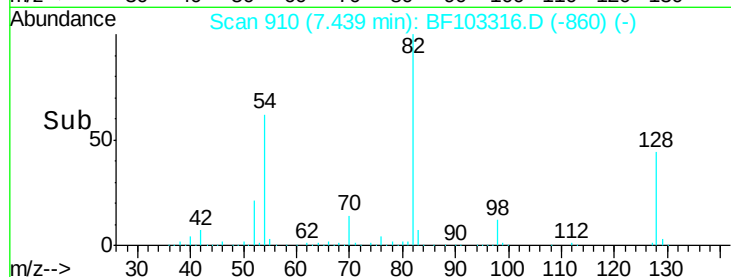
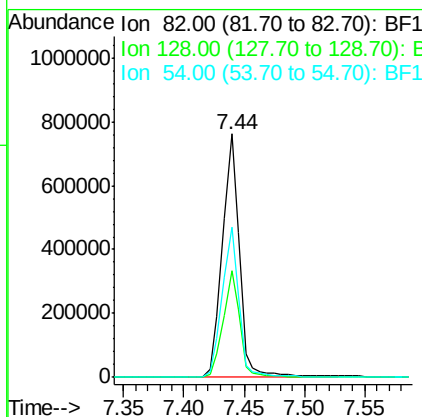
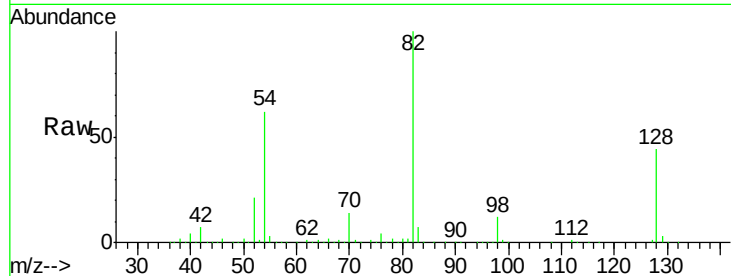
#23
Nitrobenzene-d5
Concen: 77.244 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Instrument :
BNA_F
ClientSampled :
SP-43

Tot Ion	82	Resp	751172
Ion Ratio	100	Lower	Upper
128	43.9	36.1	54.1
54	61.6	41.4	62.2

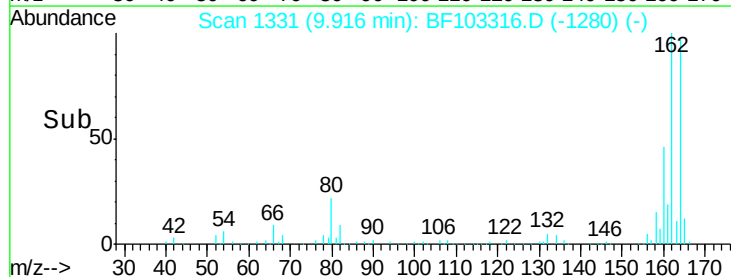
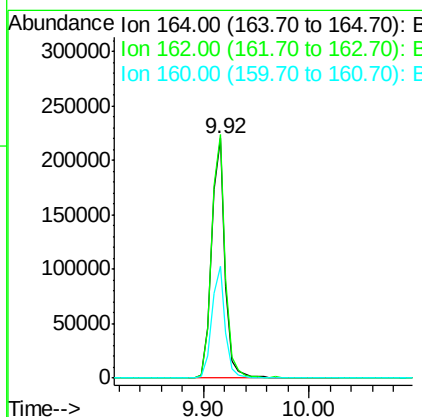
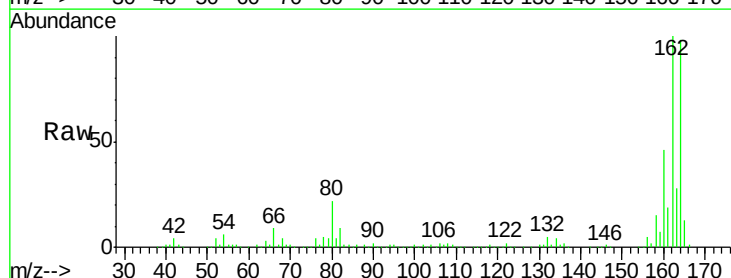
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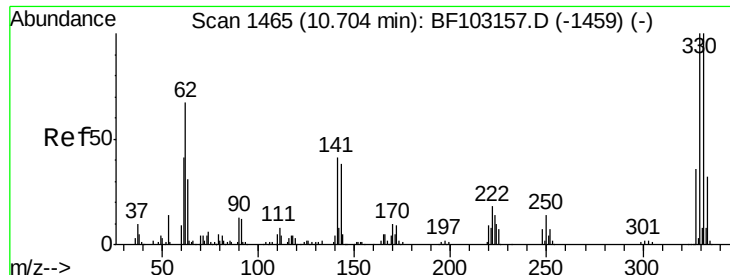
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Tgt Ion	164	Resp	198717
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.6	86.1	129.1
160	46.5	38.3	57.5





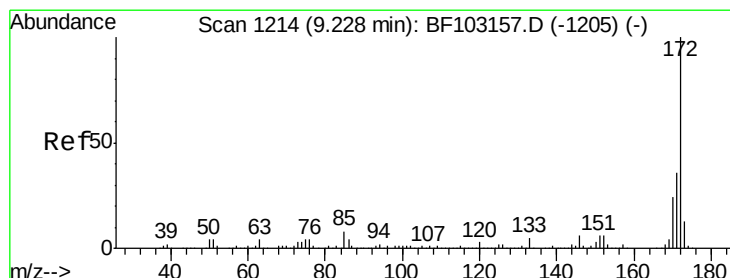
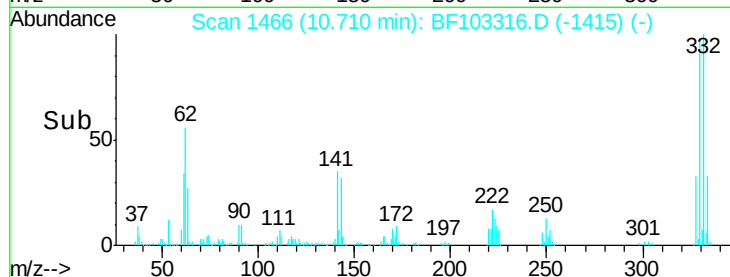
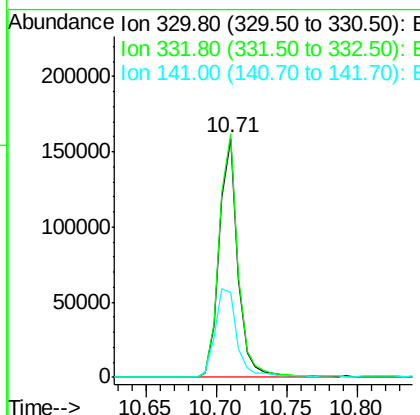
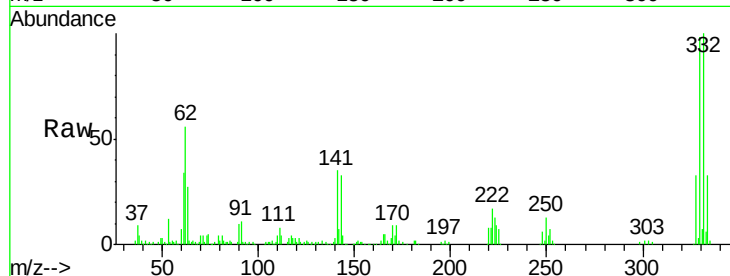
#41
 2,4,6-Tribromophenol
 Concen: 88.176 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103316.D
 Acq: 1 Mar 2018 1:37

Instrument :
 BNA_F
 ClientSampled :
 SP-43

Tot Ion	Ratio	Resp	Lower	Upper
330	100	148315		
332	104.3	77.0	115.6	
141	43.0	29.9	44.9	

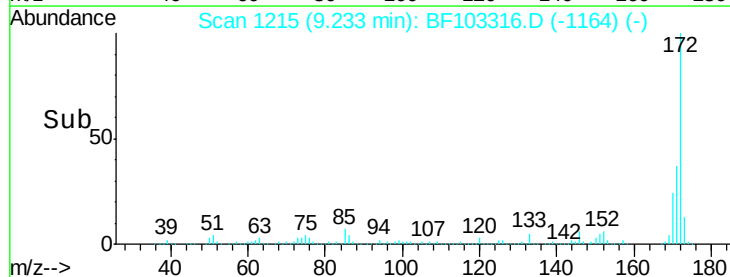
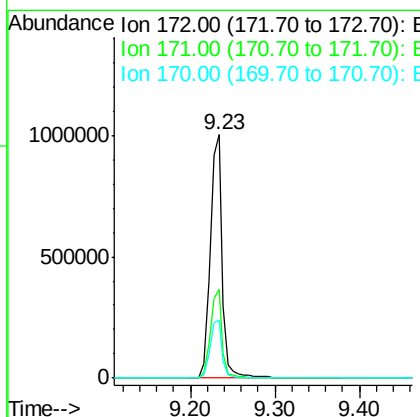
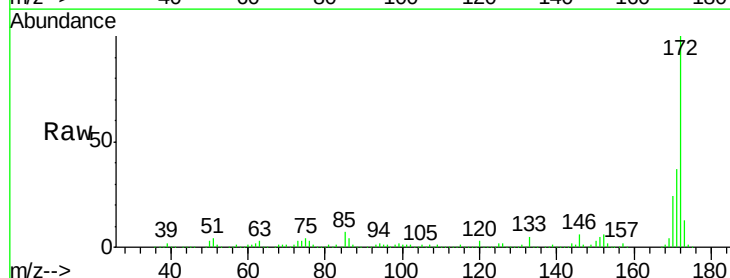
Manual Integrations
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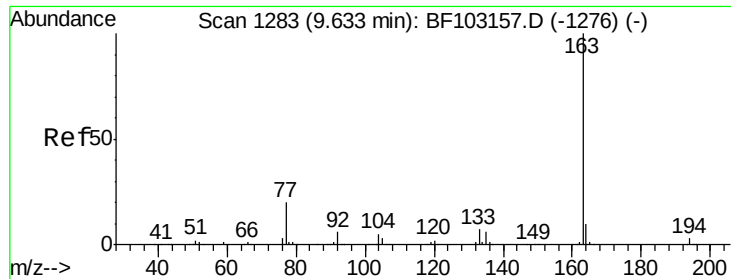
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#44
 2-Fluorobiphenyl
 Concen: 88.330 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103316.D
 Acq: 1 Mar 2018 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1009685		
171	36.6	29.7	44.5	
170	23.9	19.6	29.4	





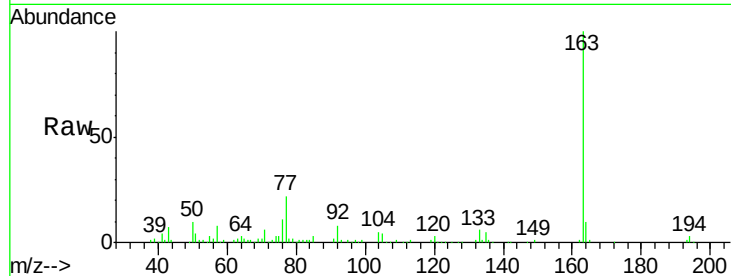
#49
Dimethylphthalate
Concen: 6.522 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Instrument :
BNA_F
ClientSampled :
SP-43

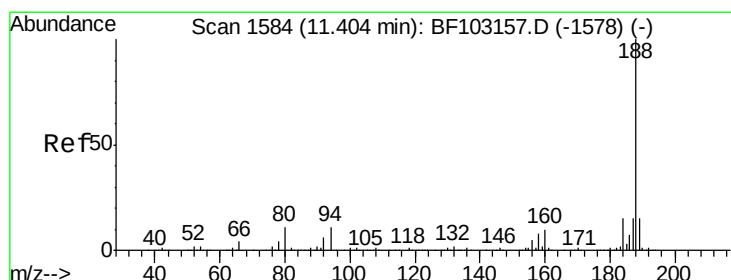
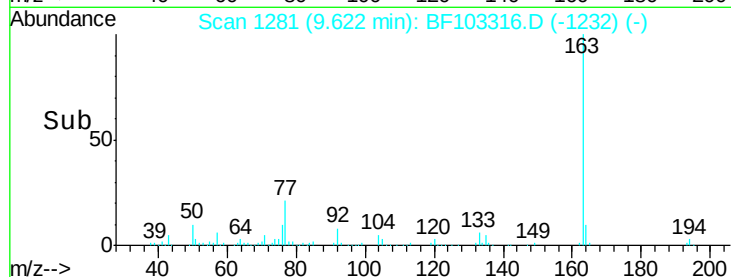
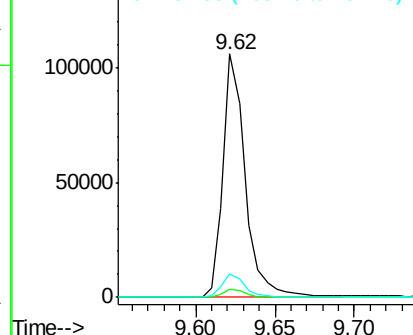
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.6	8.2	12.2

Manual Integrations
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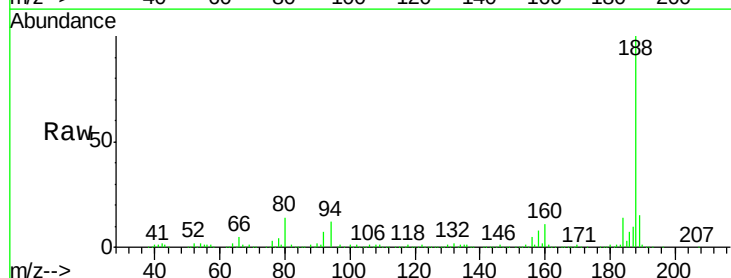


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

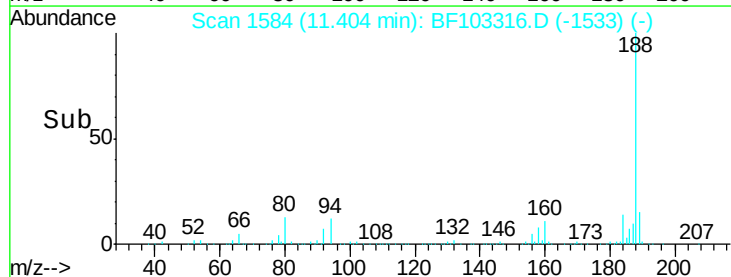
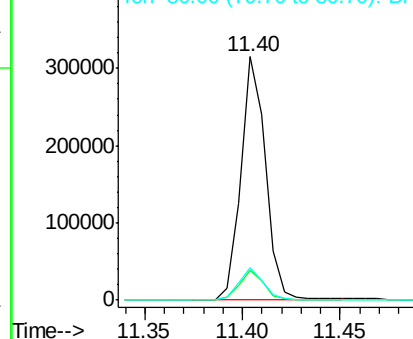


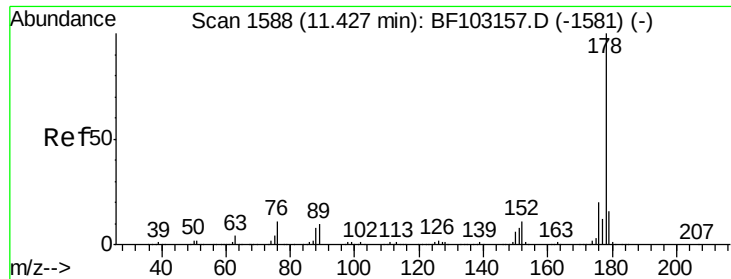
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	12.4	8.5	12.7
80	13.5	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





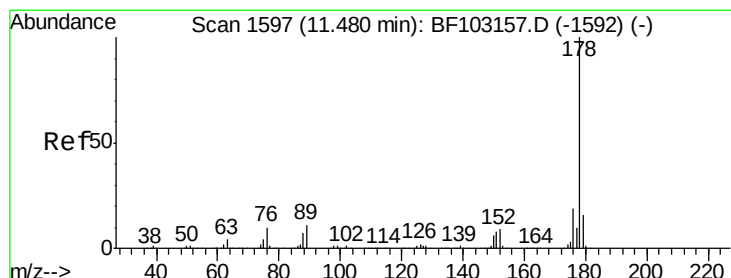
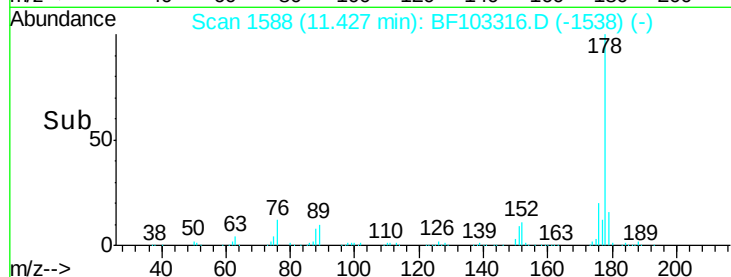
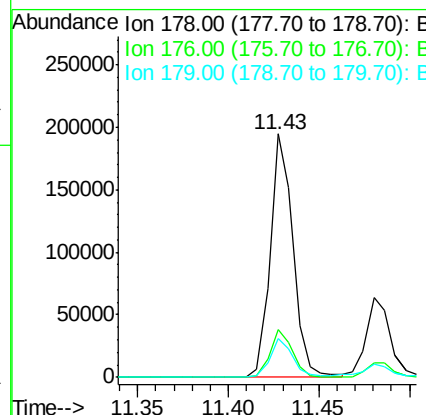
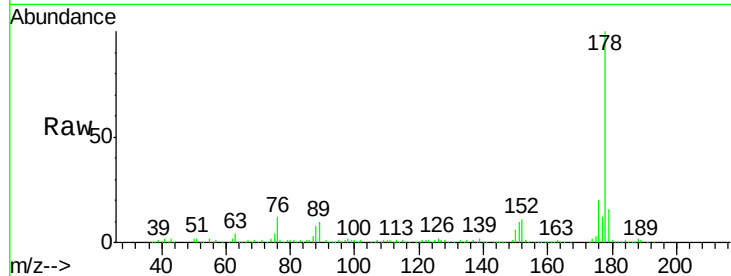
#70
Phenanthrene
Concen: 11.219 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Instrument :
BNA_F
ClientSampled :
SP-43

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6

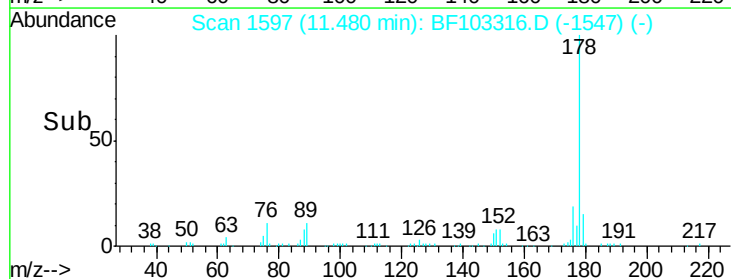
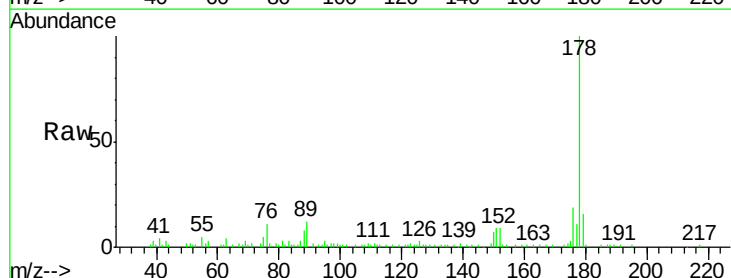
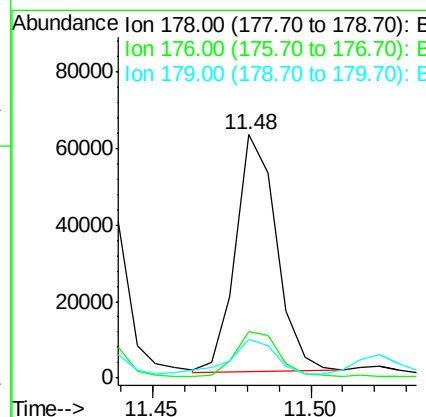
Manual Integrations
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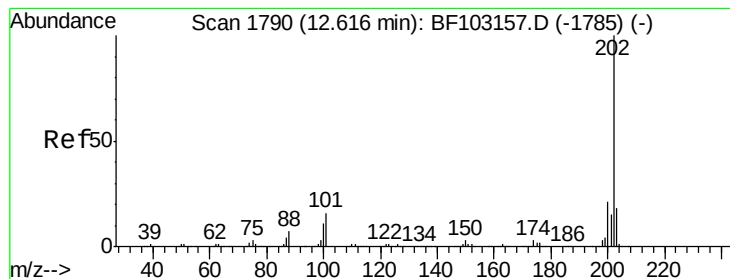
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#71
Anthracene
Concen: 3.543 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.8	12.6	19.0





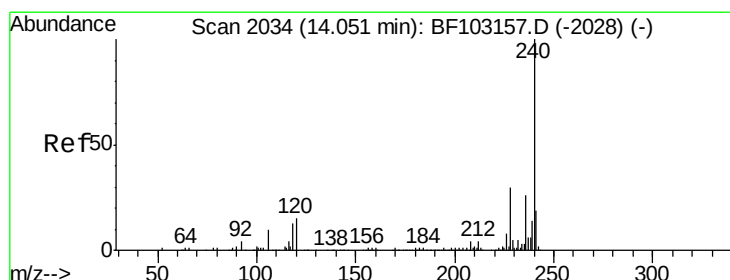
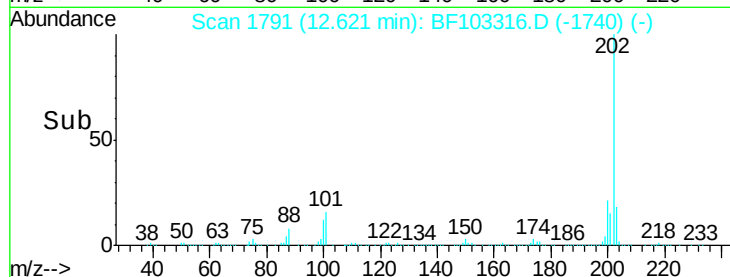
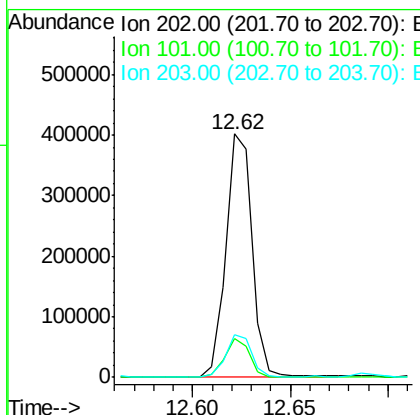
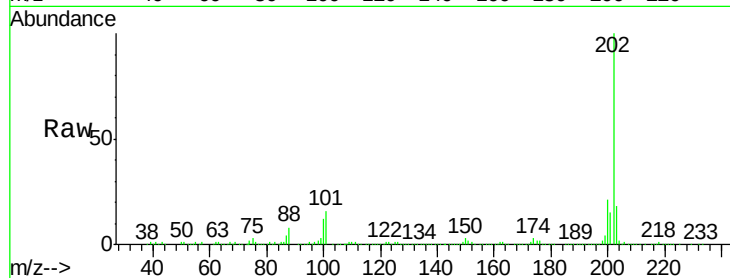
#74
Fluoranthene
Concen: 24.512 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Instrument :
BNA_F
ClientSampled :
SP-43

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.1	0.0	34.1
203	17.8	0.0	38.1

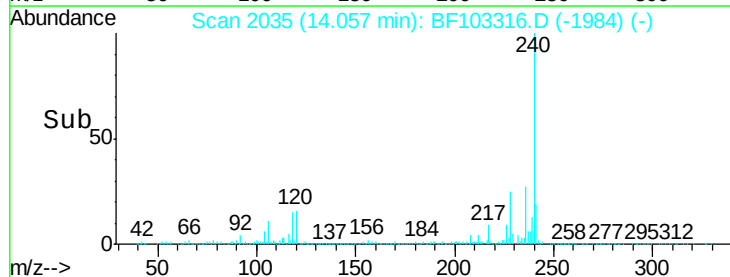
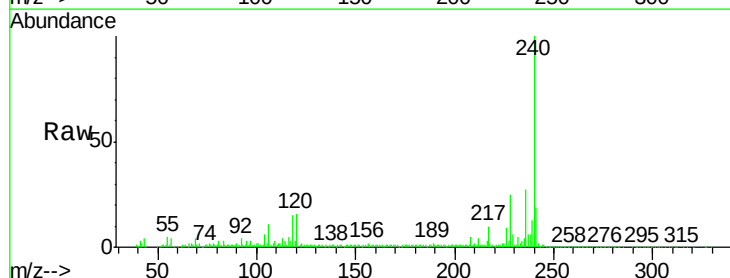
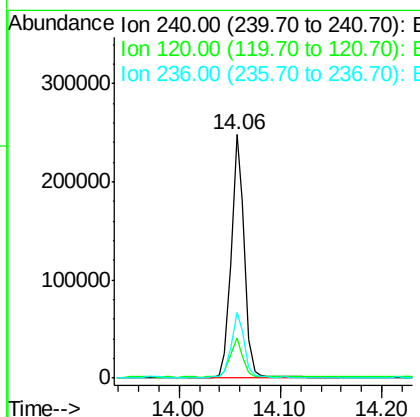
Manual Integrations
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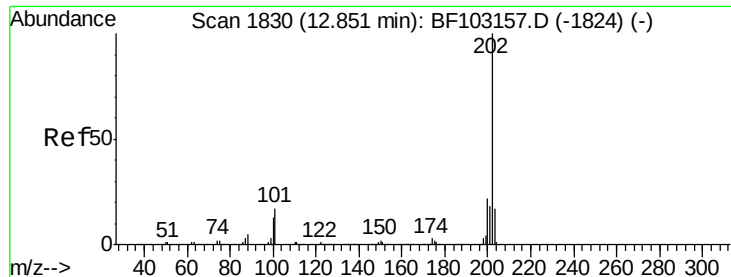
Sohil
3/1/2018 11:43:43 AM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	27.1	20.7	31.1





#77

Pvrene

Concen: 22.584 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA_F

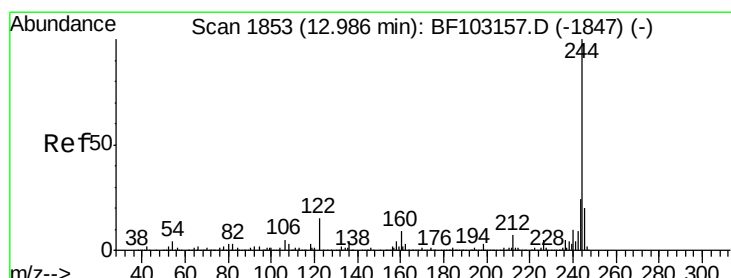
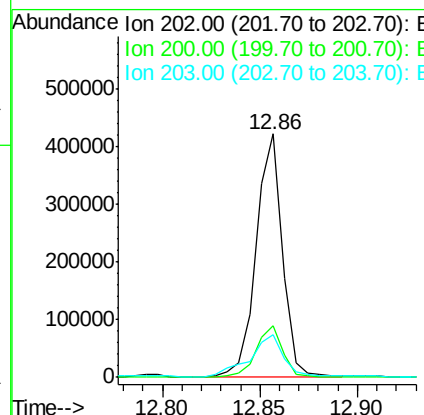
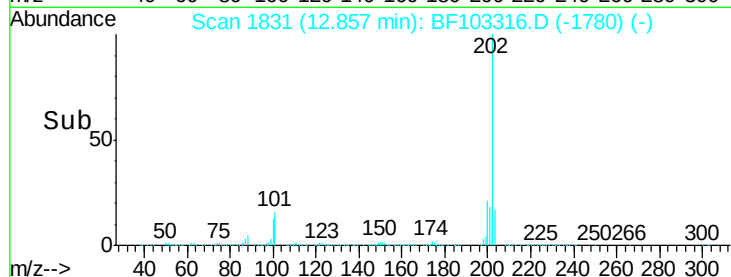
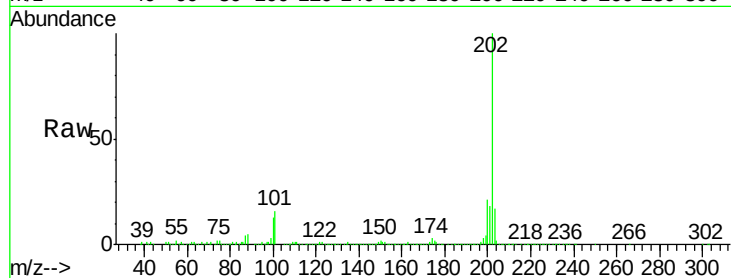
ClientSampled :

SP-43

Tot Ion:	202	Resp:	391965
Ion Ratio		Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 74.043 ng

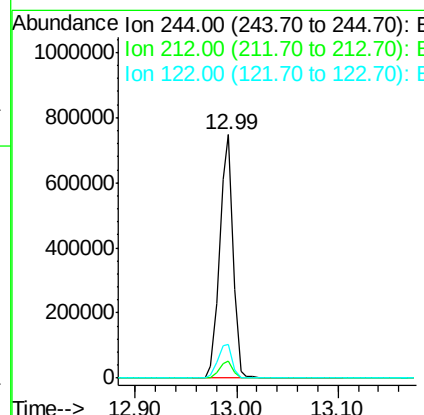
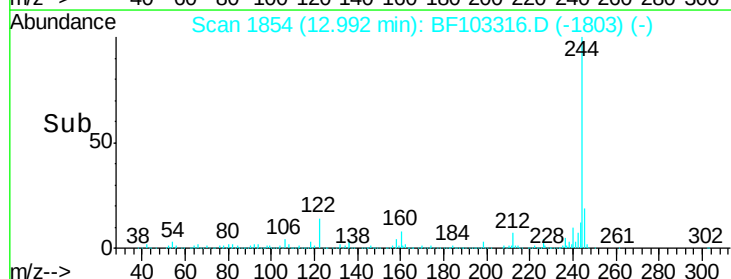
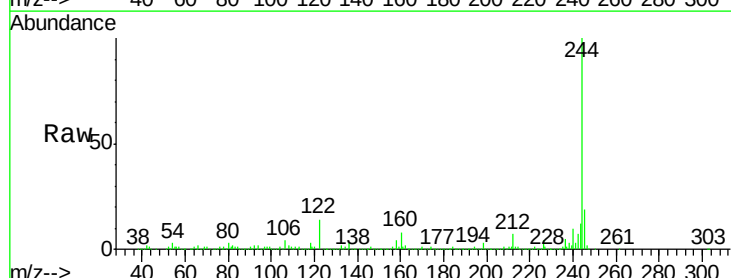
RT: 12.99 min Scan# 1854

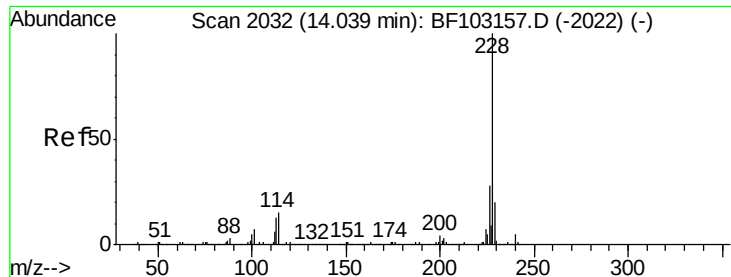
Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Tgt Ion:	244	Resp:	685672
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4





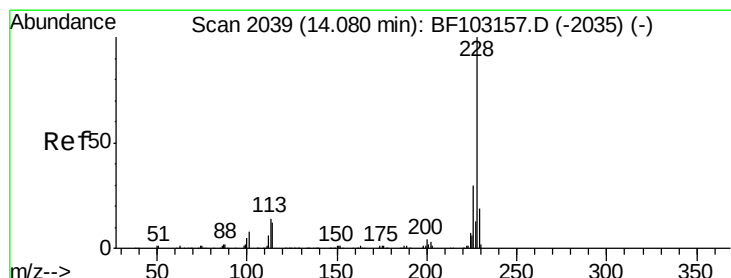
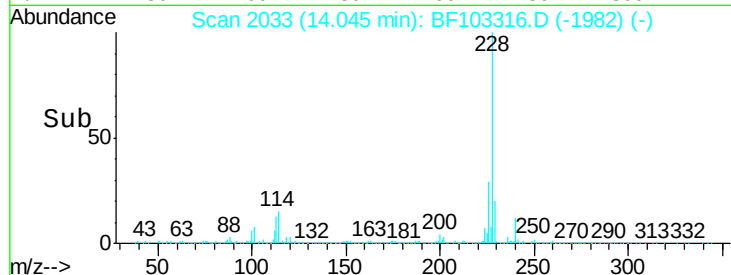
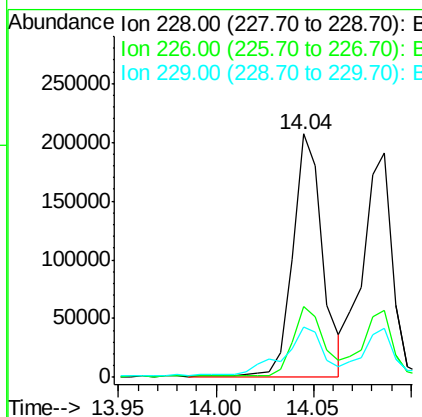
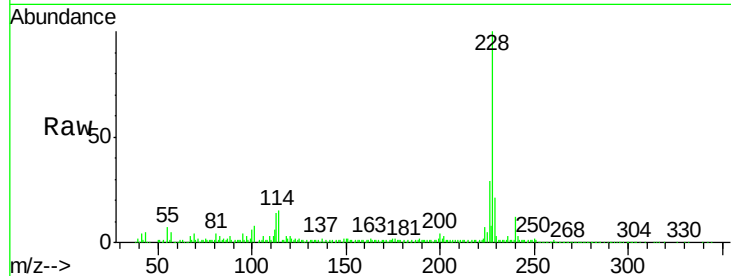
#80
Benzo(a)anthracene
Concen: 14.968 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Instrument :
BNA_F
ClientSampled :
SP-43

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.7	15.8	23.6

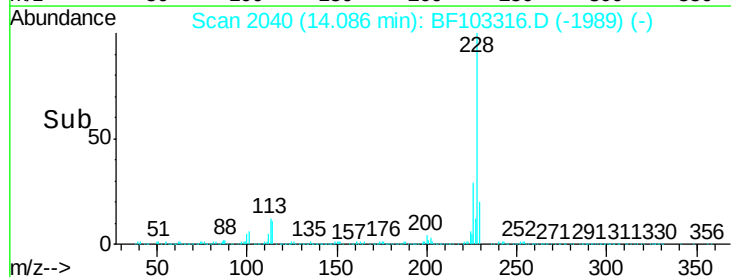
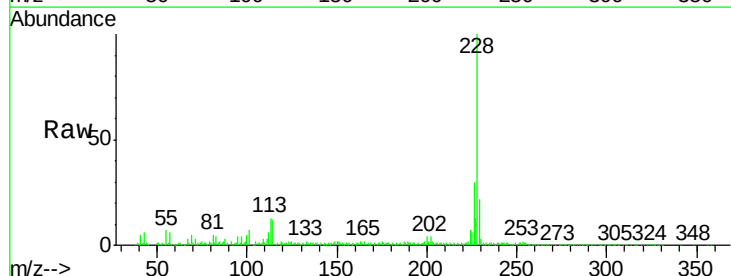
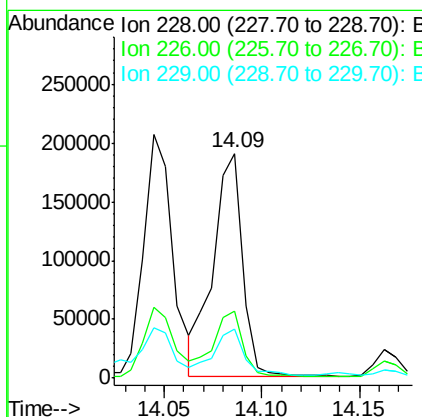
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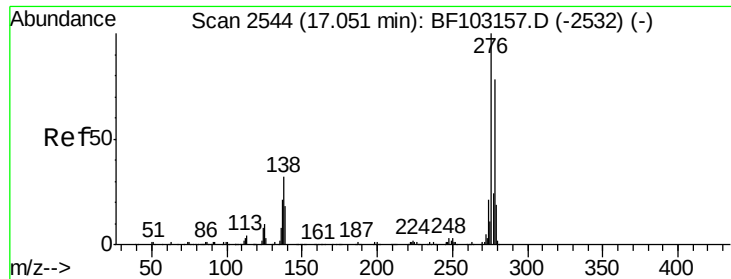
Sohil
3/1/2018 11:43:43 AM



#82
Chrysene
Concen: 14.412 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.7	16.2	24.4





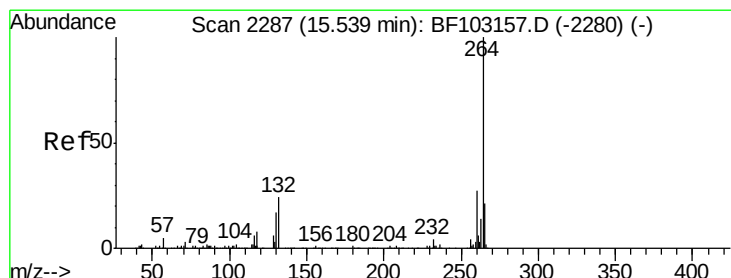
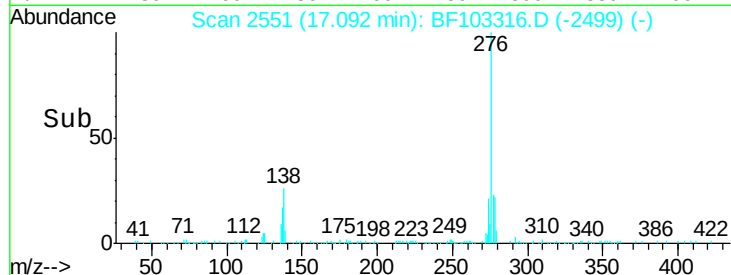
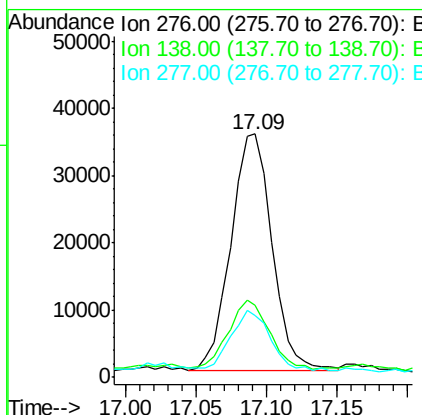
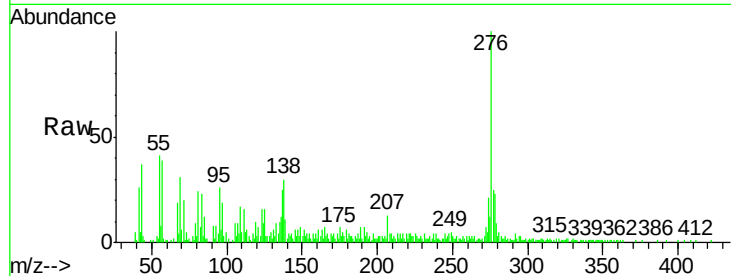
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.487 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF103316.D
 Acq: 1 Mar 2018 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-43

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	23.9	20.1	30.1

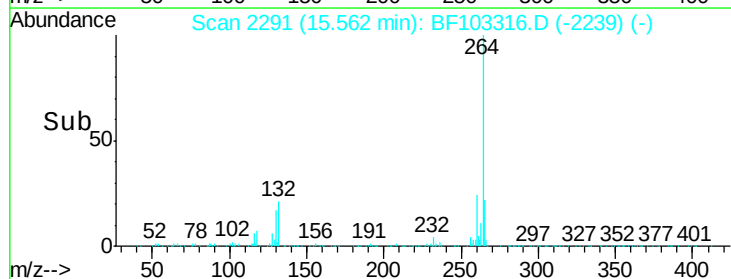
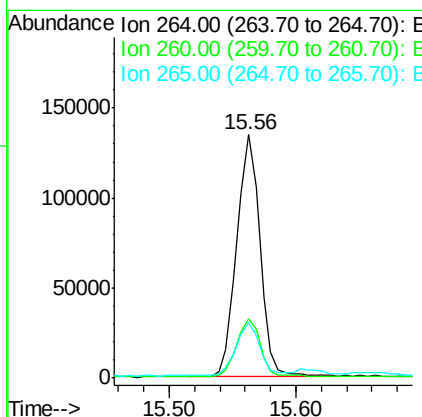
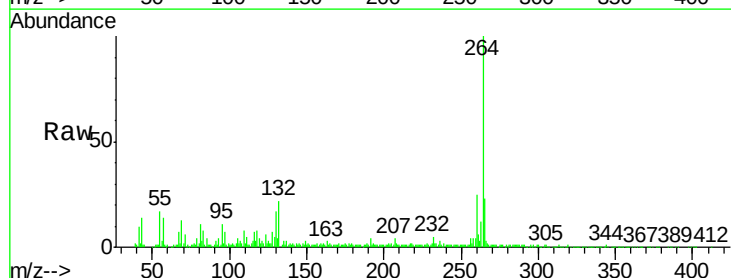
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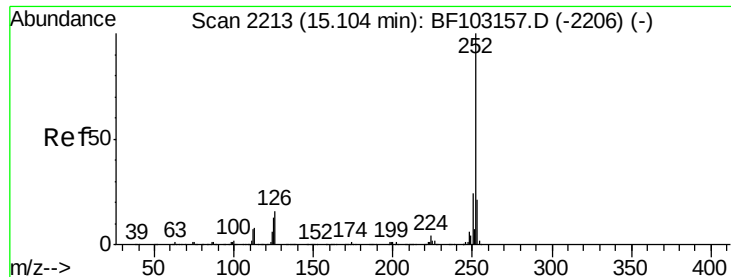
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BF103316.D
 Acq: 1 Mar 2018 1:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 19.906 ng m

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA_F

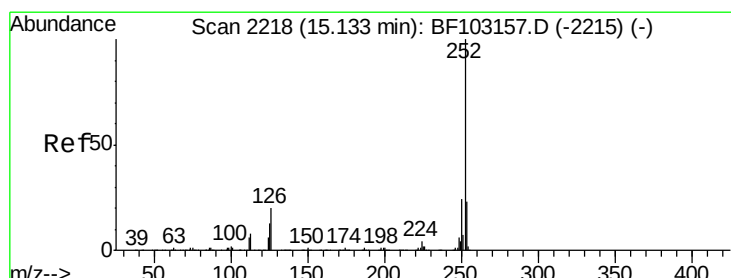
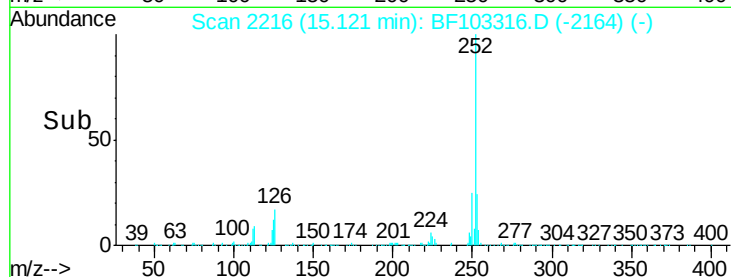
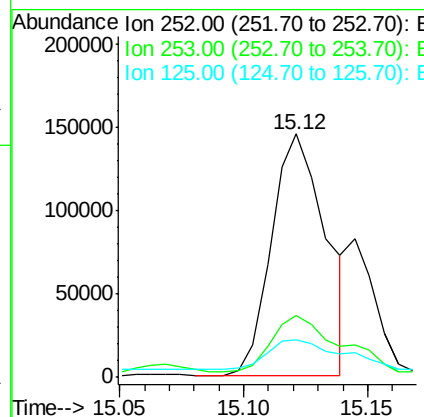
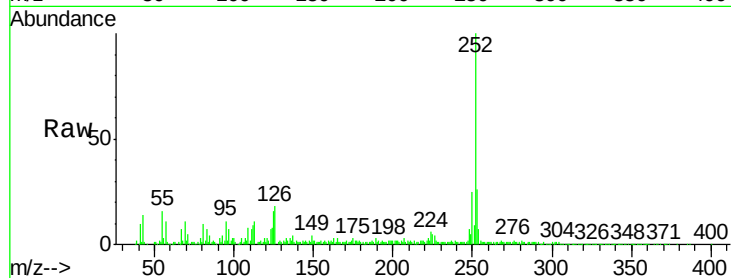
ClientSampleId :

SP-43

Tot Ion:	252	Resp:	223602
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.0	25.6#
125	15.7	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 6.190 ng m

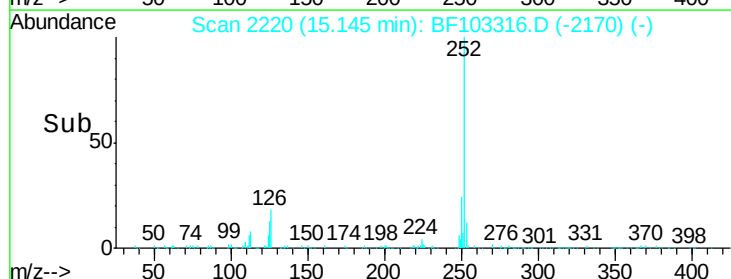
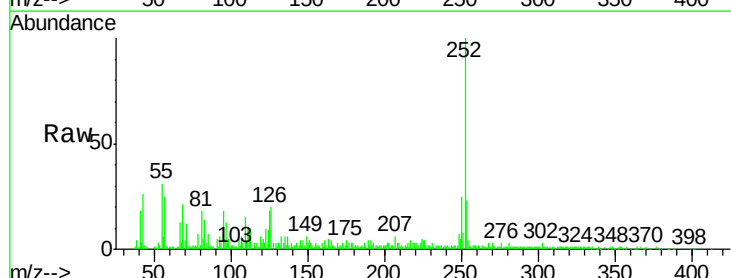
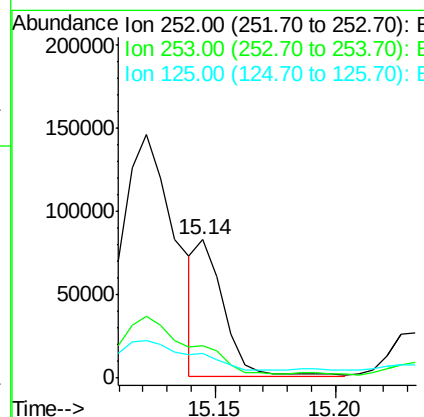
RT: 15.14 min Scan# 2220

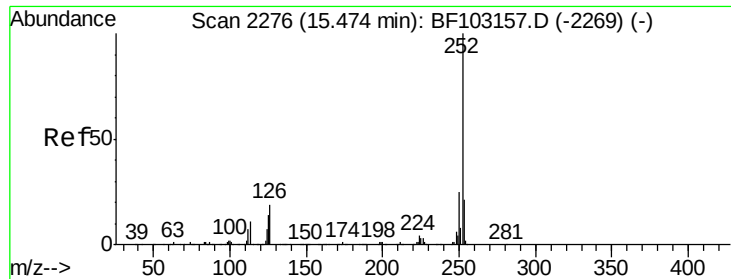
Delta R.T. -0.01 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Tgt Ion:	252	Resp:	65472
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.9	26.9
125	18.3	10.2	15.2#





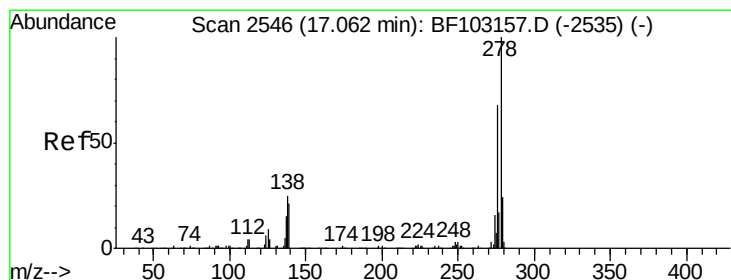
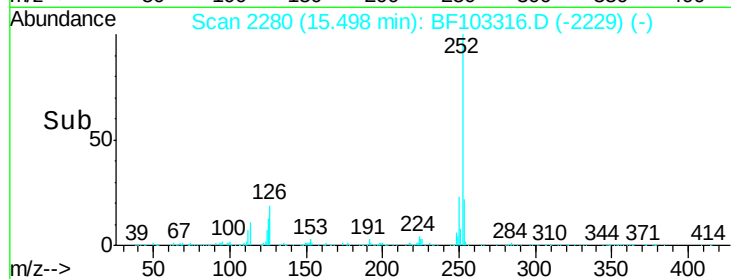
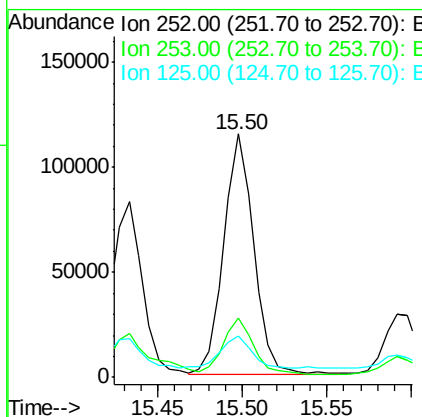
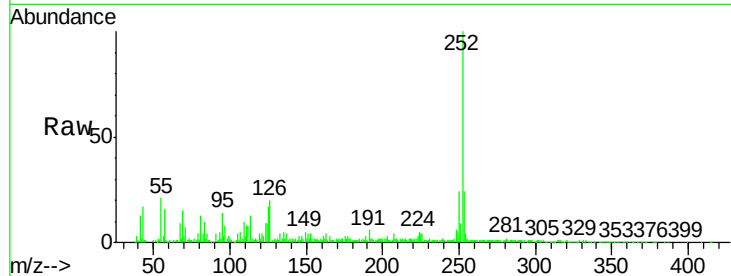
#89
Benzo(a)pyrene
Concen: 14.128 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Instrument :
BNA_F
ClientSampleId :
SP-43

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	16.9	9.8	14.6

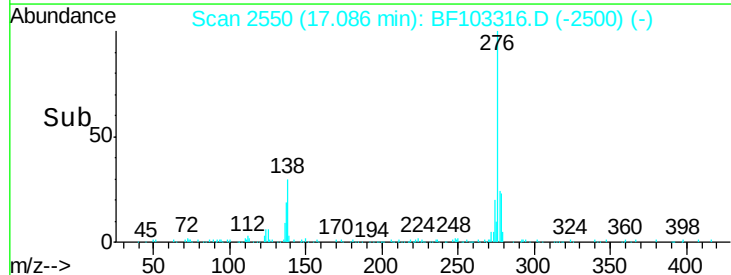
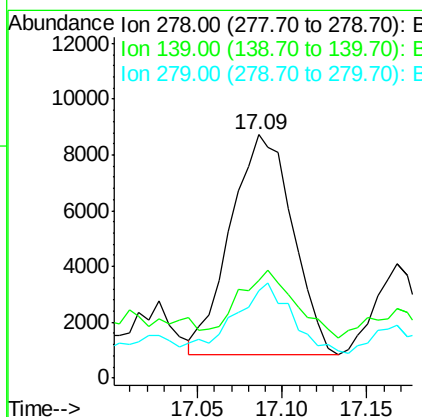
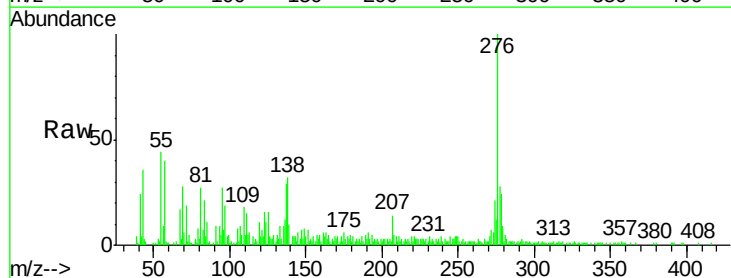
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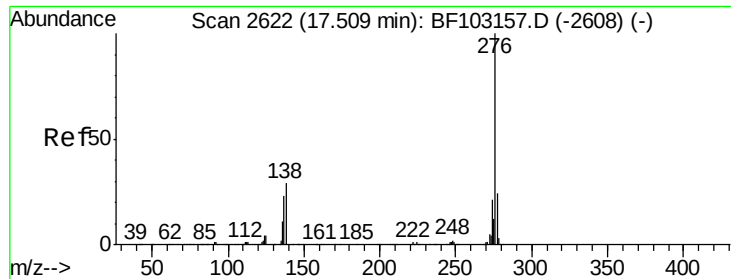
Sohil
3/1/2018 11:43:43 AM



#90
Dibenzo(a,h)anthracene
Concen: 2.594 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BF103316.D
Acq: 1 Mar 2018 1:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.2	15.9	23.9
279	35.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 9.239 ng
 RT: 17.56 min Scan# 2630
 Delta R.T. 0.02 min
 Lab File: BF103316.D
 Acq: 1 Mar 2018 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-43

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	30.8	21.8	32.8

Manual Integrations
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 3/1/2018 11:43:43 AM

