

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103331.D
 Acq On : 1 Mar 2018 12:49
 Operator : SJ/JU
 Sample : J1720-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-37

Manual Integrations
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Quant Time: Mar 01 18:22:19 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	149980	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	626719	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	242772	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	336668	20.00	ng	0.00
75) Chrysene-d12	14.06	240	237591	20.00	ng	0.00
86) Perylene-d12	15.56	264	225601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	989281	99.76	ng	0.00
7) Phenol-d6	6.51	99	1191944	98.23	ng	0.00
23) Nitrobenzene-d5	7.44	82	829288	75.57	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	182659	88.89	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1048960	71.68	ng	0.00
78) Terphenyl-d14	12.99	244	650737	65.84	ng	0.00
Target Compounds						
10) Phenol	6.52	94	36006	2.556	ng	86
49) Dimethylphthalate	9.62	163	104462	5.364	ng	100
70) Phenanthrene	11.43	178	229810	12.403	ng	98
71) Anthracene	11.48	178	60825	3.201	ng	98
74) Fluoranthene	12.62	202	370336	19.891	ng	98
77) Pyrene	12.85	202	351161	18.957	ng	99
80) Benzo(a)anthracene	14.05	228	200344	12.996	ng	99
82) Chrysene	14.08	228	172279	11.510	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	27911	2.113	ng	94
85) Indeno(1,2,3-cd)pyrene	17.09	276	78736	6.644	ng	97
87) Benzo(b)fluoranthene	15.12	252	243941m	16.446	ng	
88) Benzo(k)fluoranthene	15.14	252	79238m	5.673	ng	
89) Benzo(a)pyrene	15.50	252	161821	12.217	ng	# 92
90) Dibenzo(a,h)anthracene	17.09	278	21871	2.137	ng	# 68
91) Benzo(a,h,i)perylene	17.56	276	76836	7.681	ng	# 87

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

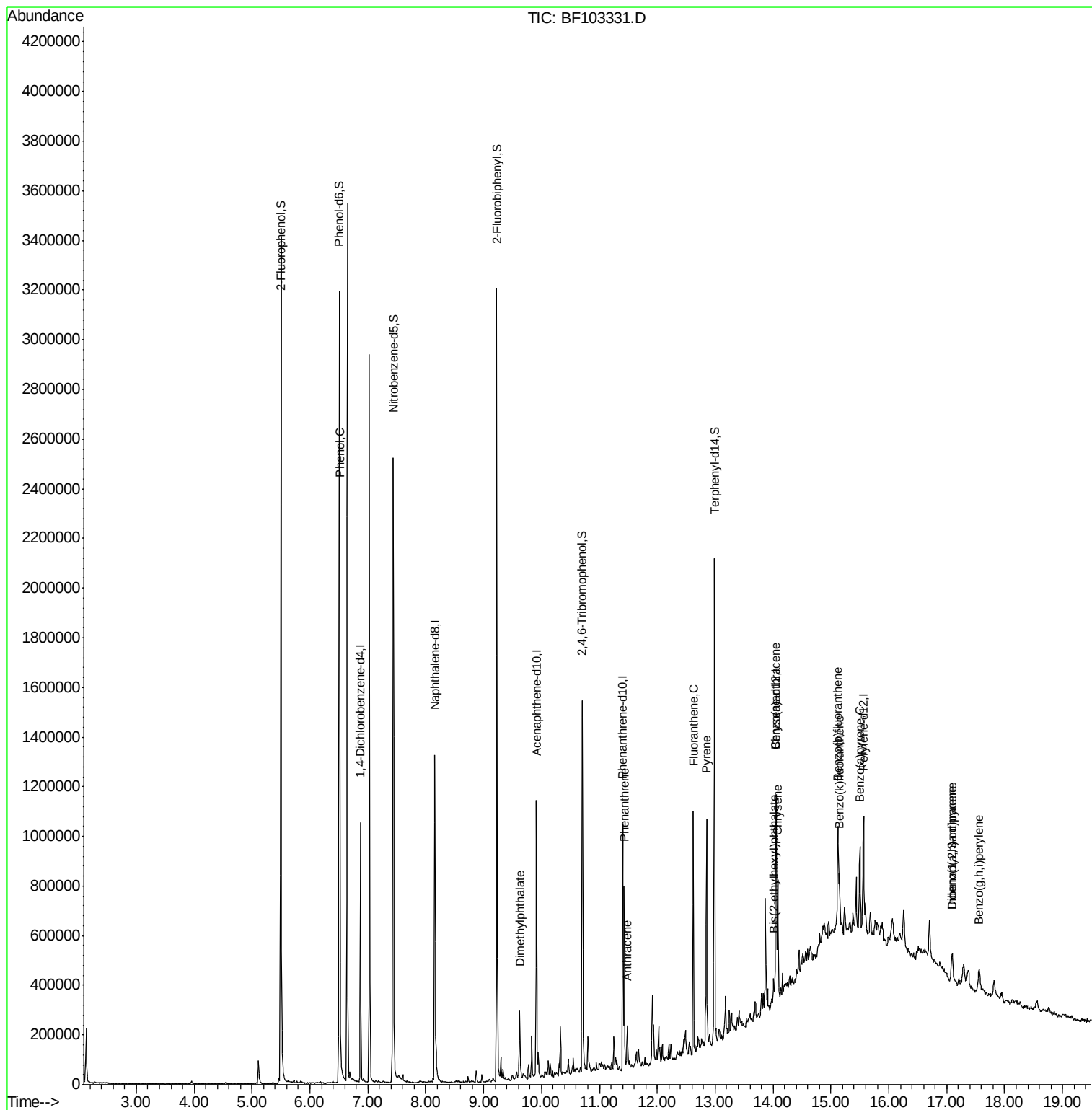
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103331.D
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ALS Vial : 9 Sample Multiplier: 1

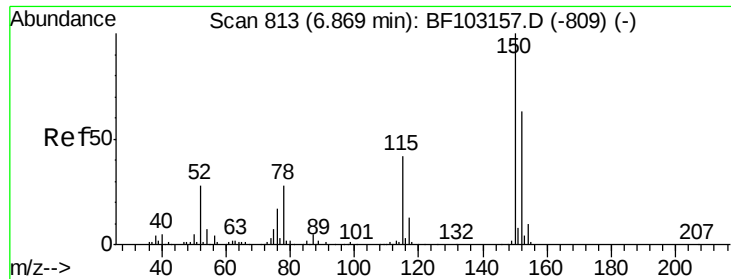
Instrument :
BNA_F
ClientSampleId :
SP-37

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Quant Time: Mar 01 18:22:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

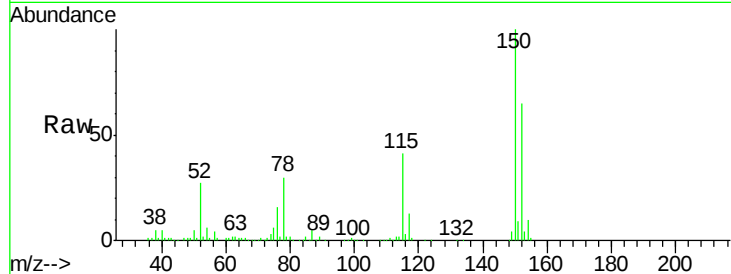
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampleId :
SP-37

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	62.4	50.1	75.1

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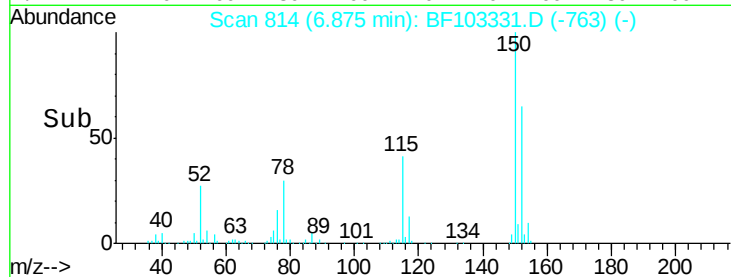
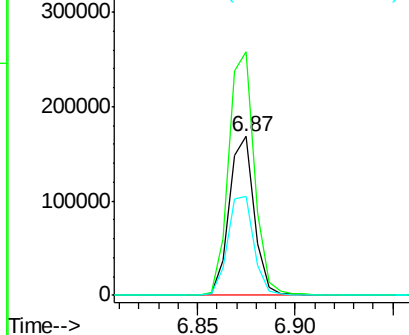


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

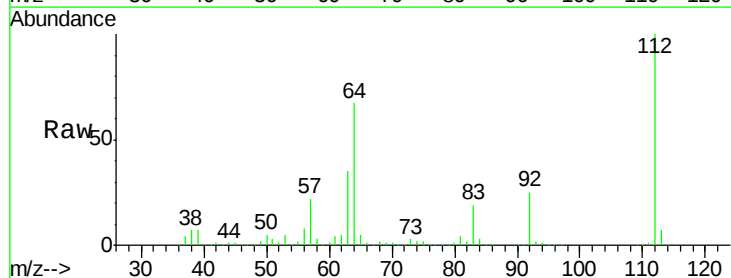
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.761 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	35.1	23.7	35.5

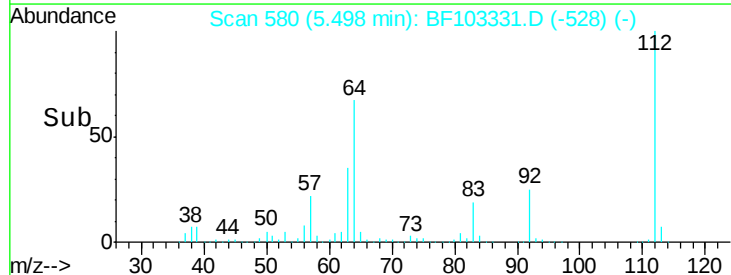
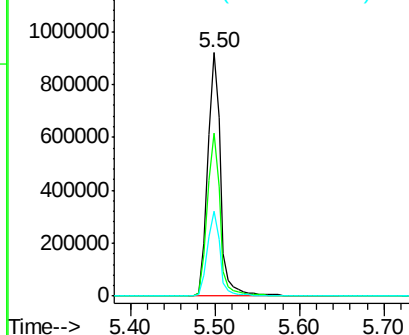


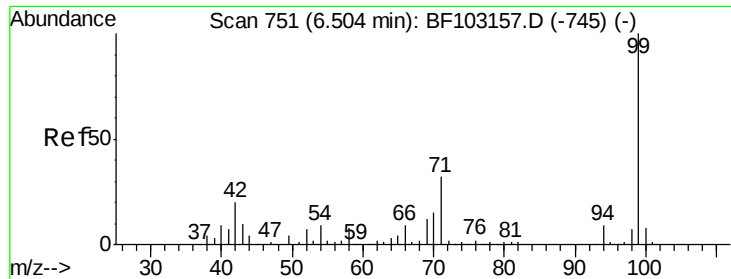
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.229 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103331.D

Acq: 1 Mar 2018 12:49

Instrument :

BNA_F

ClientSampled :

SP-37

Tot Ion: 99 Resp: 1191944

Ion Ratio Lower Upper

99 100

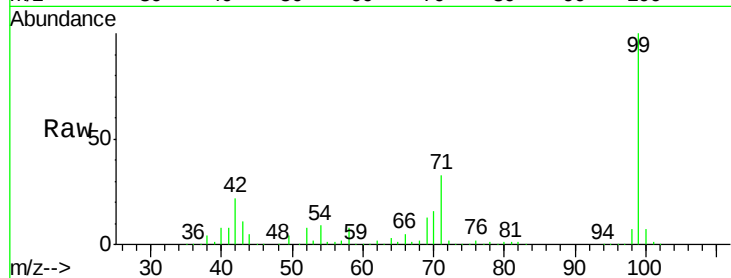
42 21.6 14.5 21.7

71 33.4 25.4 38.0

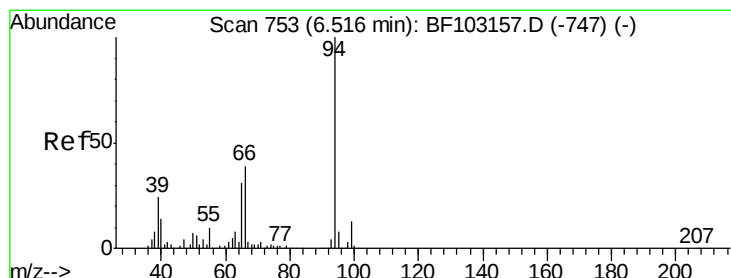
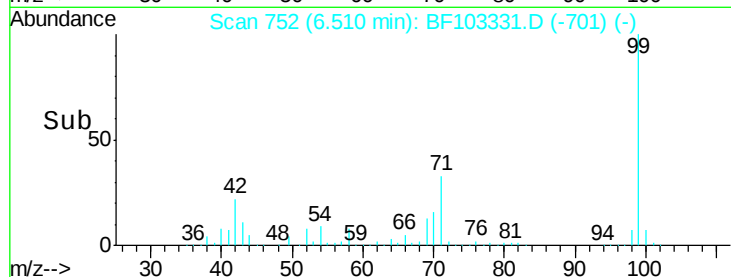
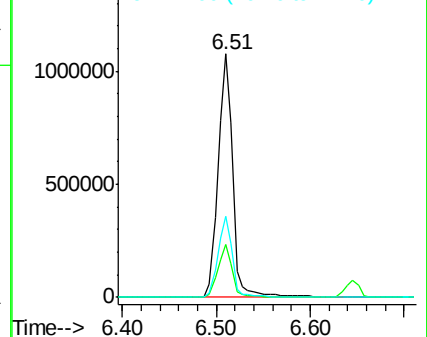
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.556 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103331.D

Acq: 1 Mar 2018 12:49

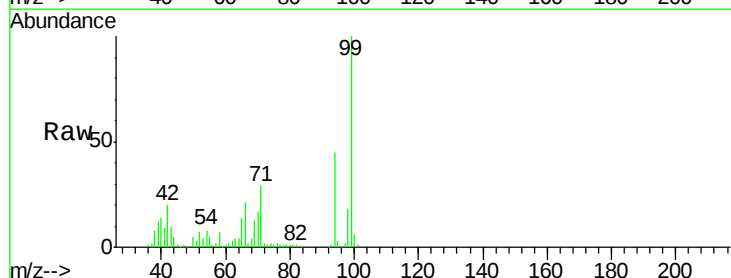
Tgt Ion: 94 Resp: 36006

Ion Ratio Lower Upper

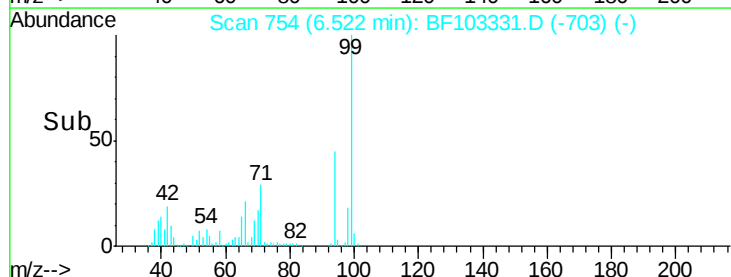
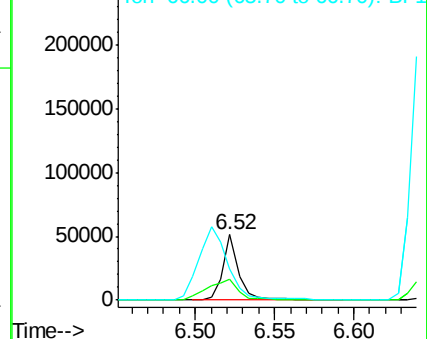
94 100

65 31.6 7.9 47.9

66 47.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





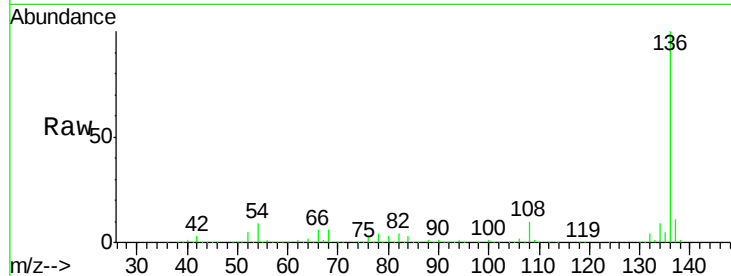
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampled :
SP-37

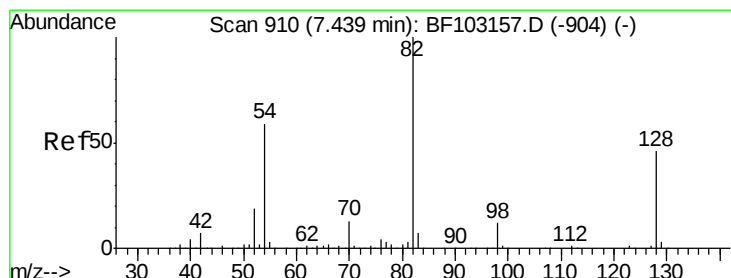
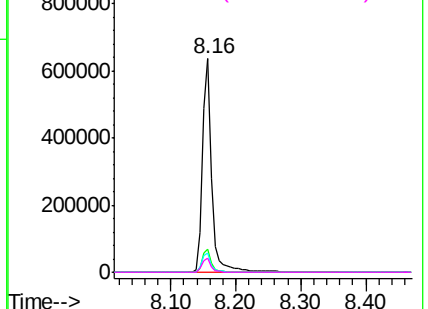
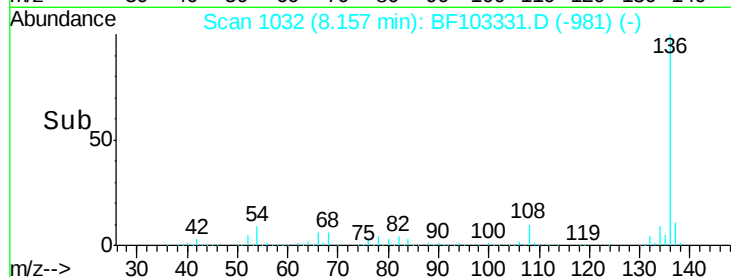
Tot Ion	Ratio	Resp	Lower	Upper
136	100	626719		
137	11.1		8.9	13.3
54	8.8		6.6	9.8
68	6.4		5.0	7.4

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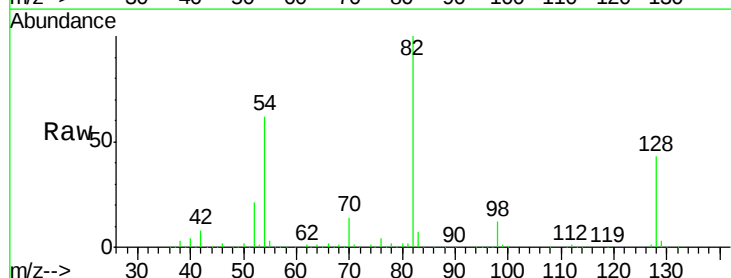


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

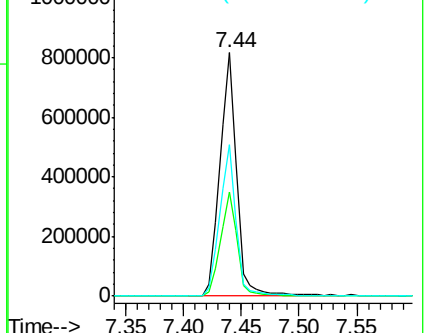
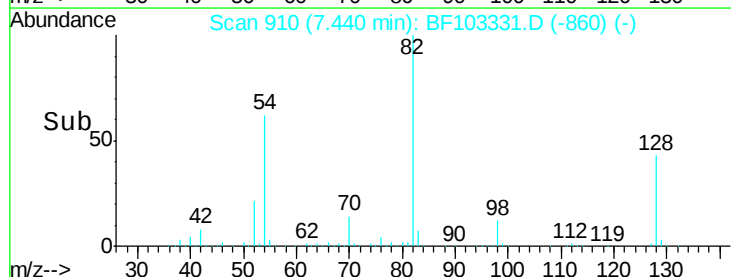


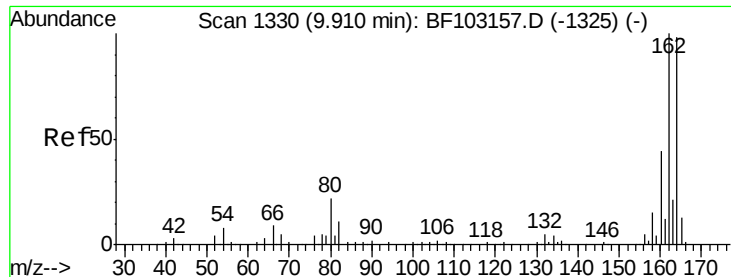
#23
Nitrobenzene-d5
Concen: 75.567 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	829288		
128	42.6		36.1	54.1
54	62.3		41.4	62.2#



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





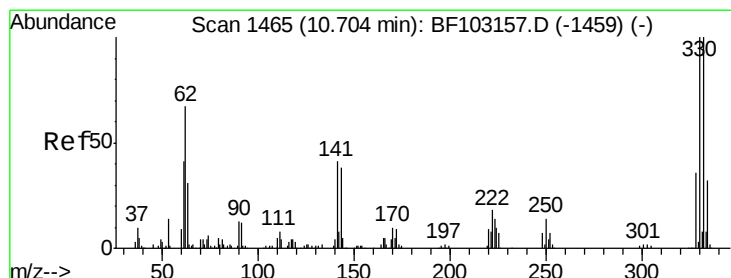
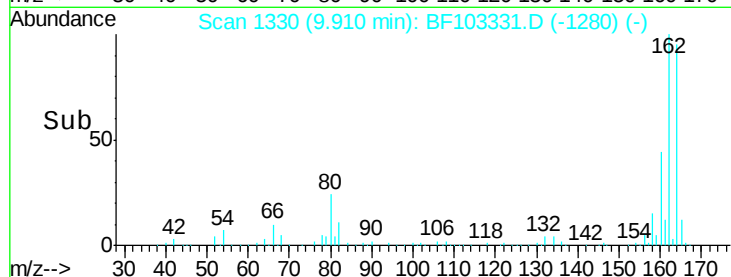
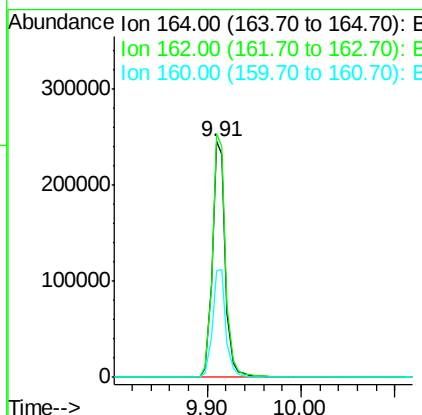
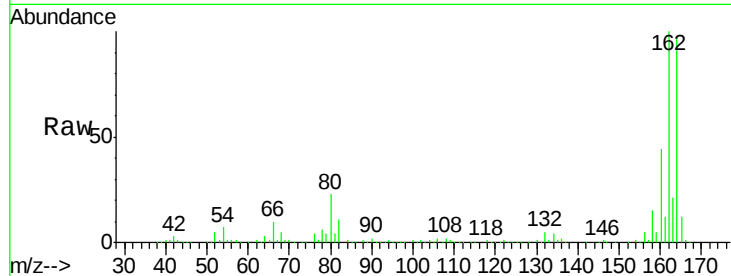
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampleId :
SP-37

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.3	38.3	57.5

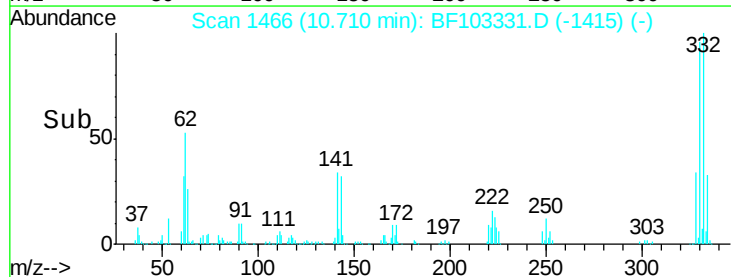
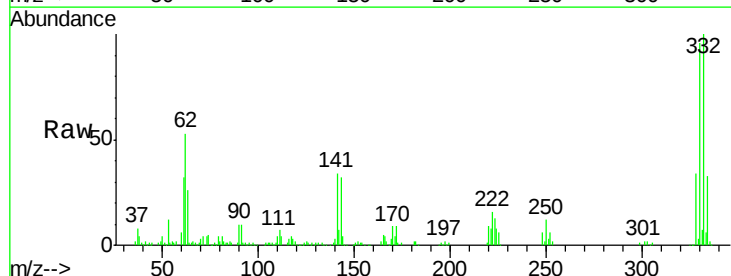
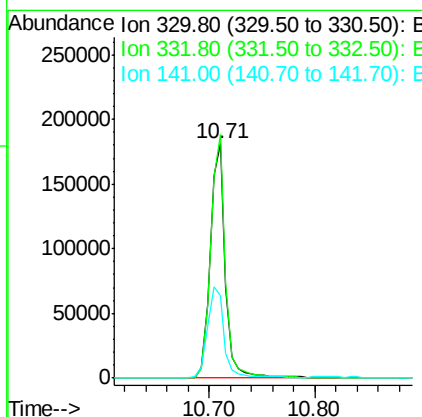
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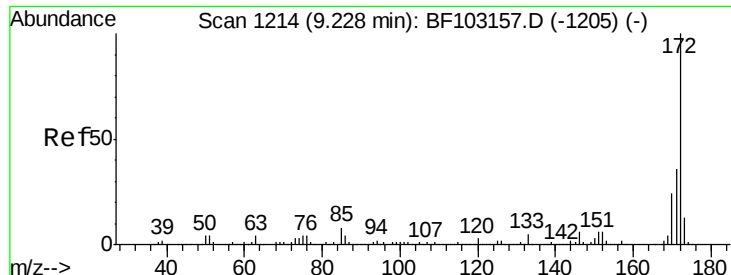
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#41
2,4,6-Tribromophenol
Concen: 88.888 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.8	77.0	115.6
141	43.6	29.9	44.9





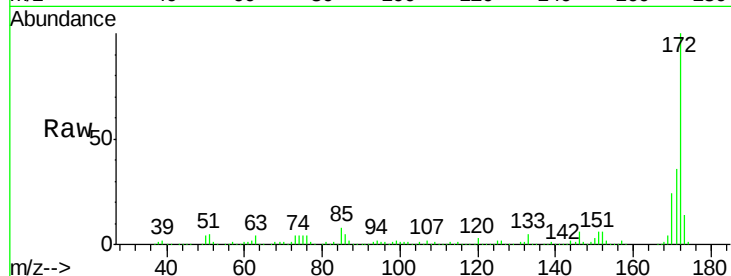
#44
2-Fluorobiphenyl
Concen: 71.679 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampled :
SP-37

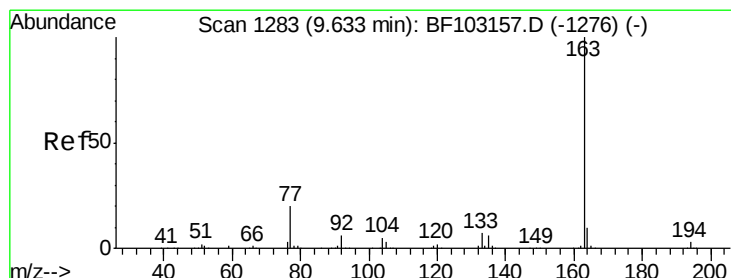
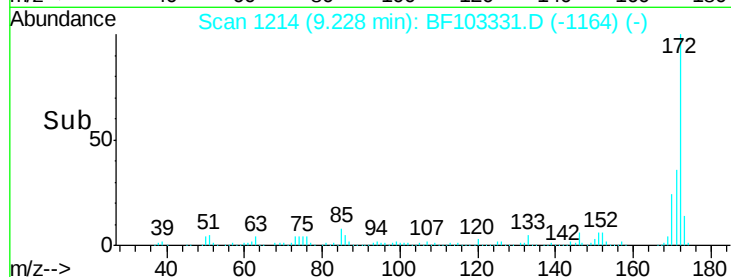
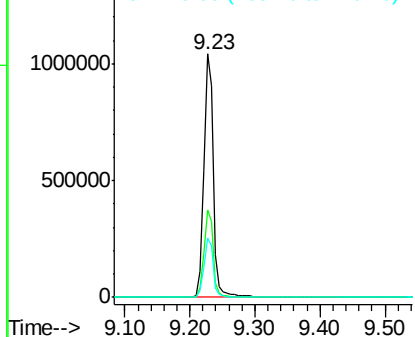
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4

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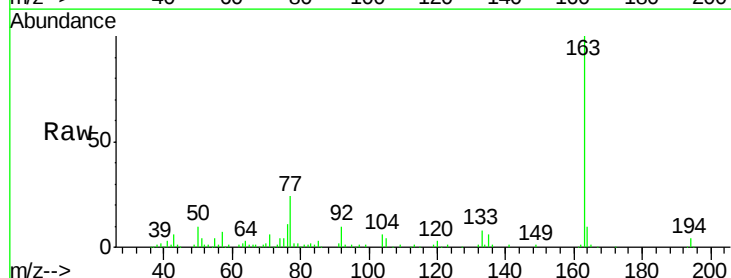


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

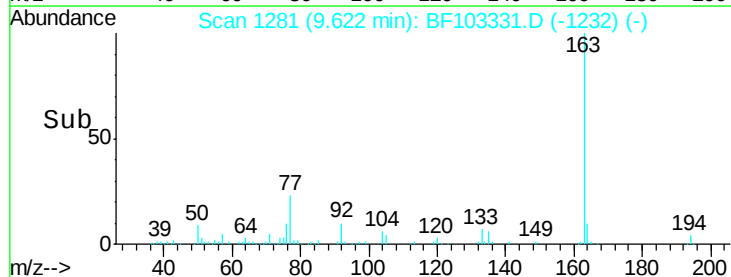
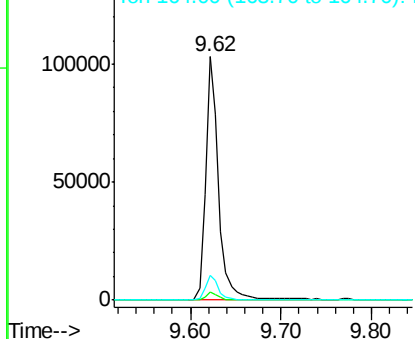


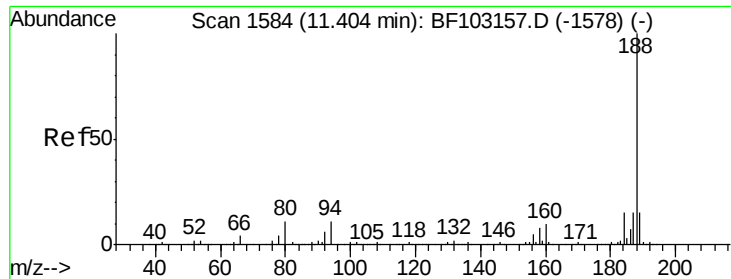
#49
Dimethylphthalate
Concen: 5.364 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2



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





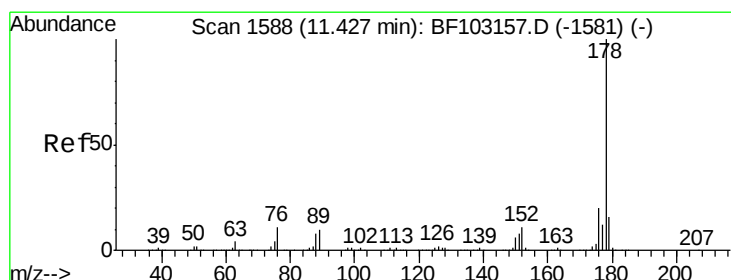
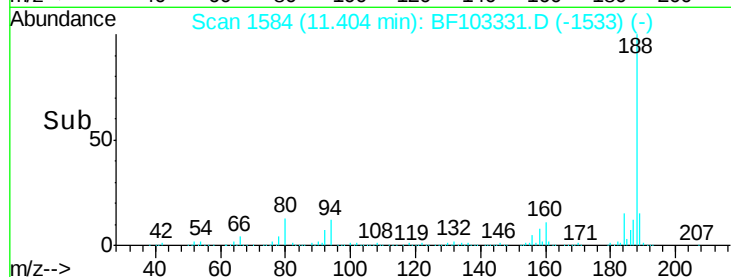
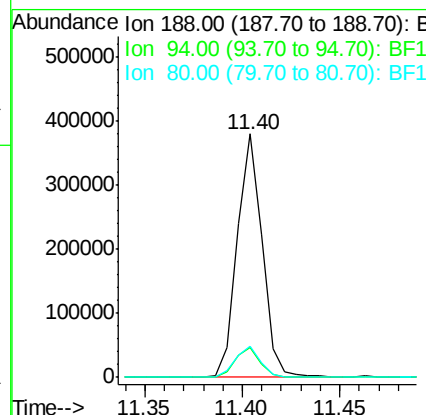
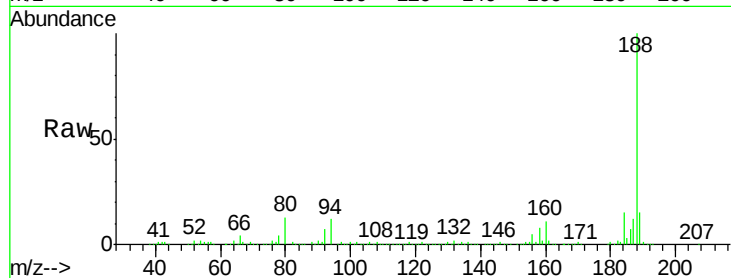
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampled :
SP-37

Tot Ion	Ratio	Resp	Lower	Upper
188	100	336668		
94	12.2		8.5	12.7
80	13.0		9.2	13.8

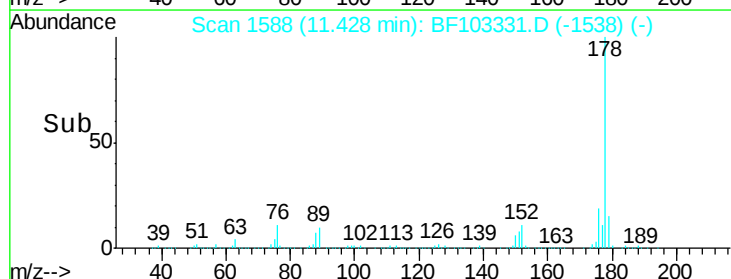
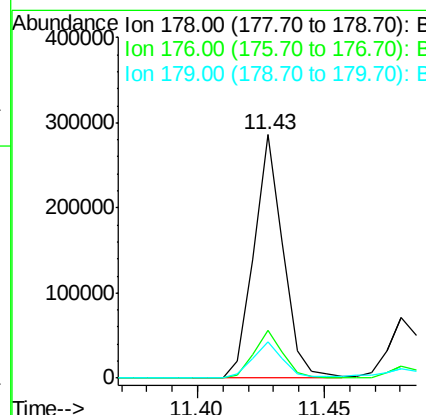
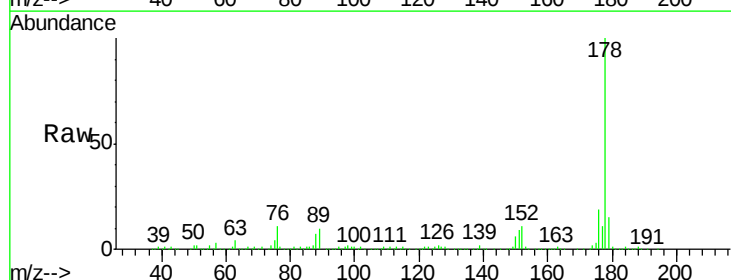
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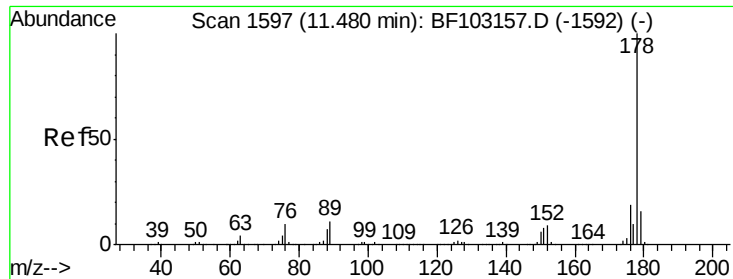
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#70
Phenanthrene
Concen: 12.403 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	229810		
176	19.4		15.8	23.8
179	15.1		13.0	19.6





#71

Anthracene

Concen: 3.201 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF103331.D

Acq: 1 Mar 2018 12:49

Instrument :

BNA_F

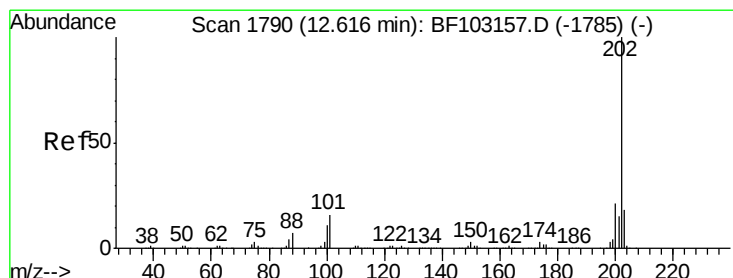
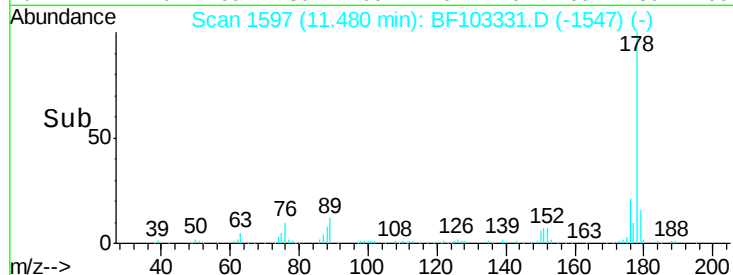
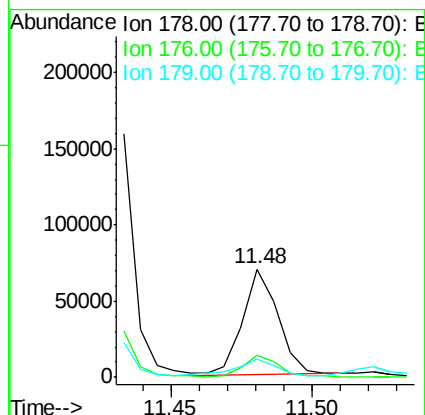
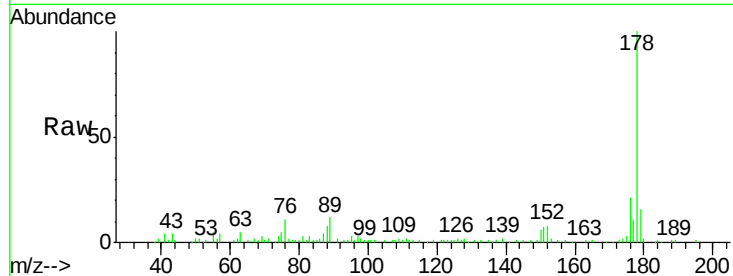
ClientSampled :

SP-37

Tot Ion:	178	Resp:	60825
Ion Ratio	Lower	Upper	
178	100		
176	20.7	15.4	23.2
179	16.4	12.6	19.0

Manual Integrations
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#74

Fluoranthene

Concen: 19.891 ng

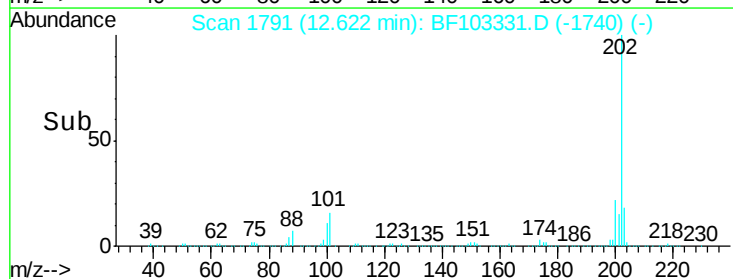
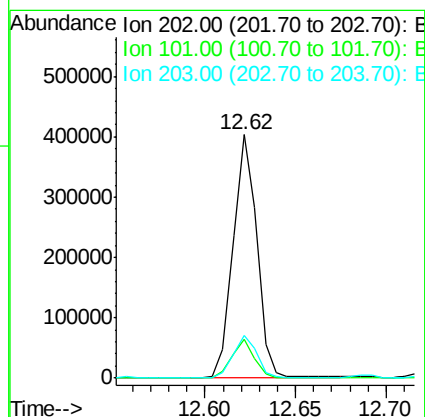
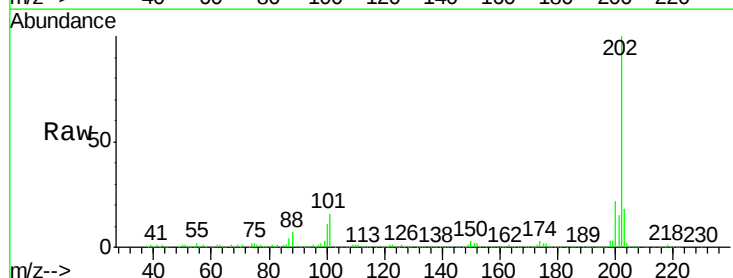
RT: 12.62 min Scan# 1791

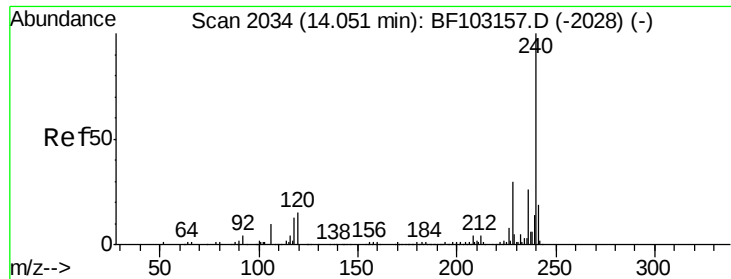
Delta R.T. 0.00 min

Lab File: BF103331.D

Acq: 1 Mar 2018 12:49

Tgt Ion:	202	Resp:	370336
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	34.1
203	17.7	0.0	38.1





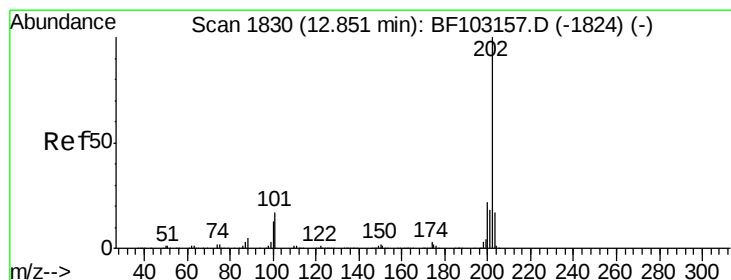
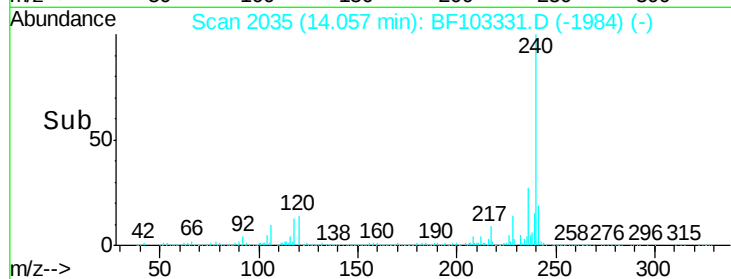
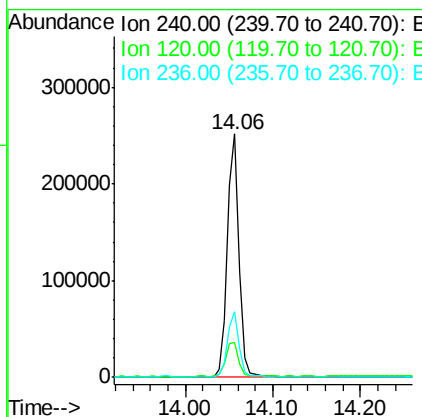
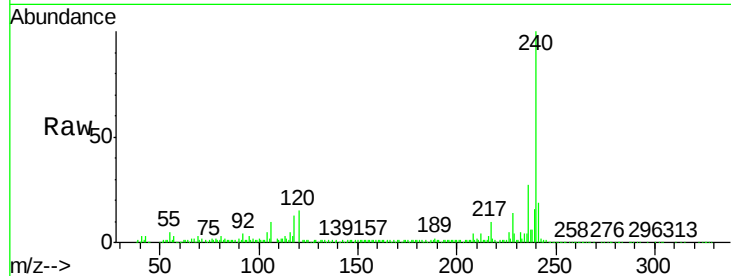
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampleId :
SP-37

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3
236	27.2	20.7	31.1

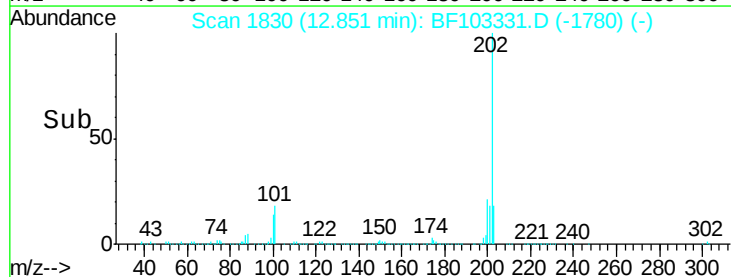
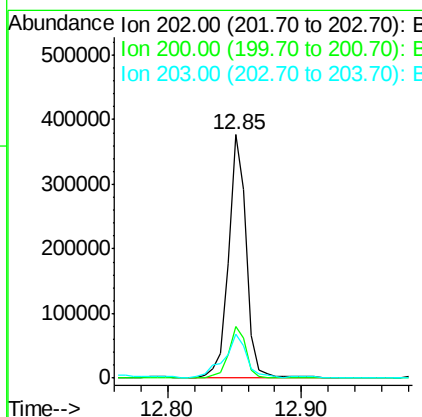
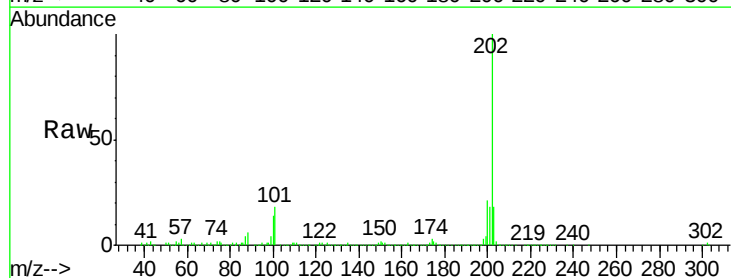
Manual Integrations
APPROVED

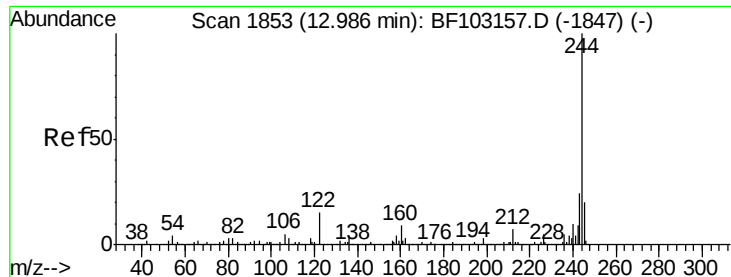
Sohil
3/2/2018 3:30:27 PM



#77
Pyrene
Concen: 18.957 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.3	14.3	21.5





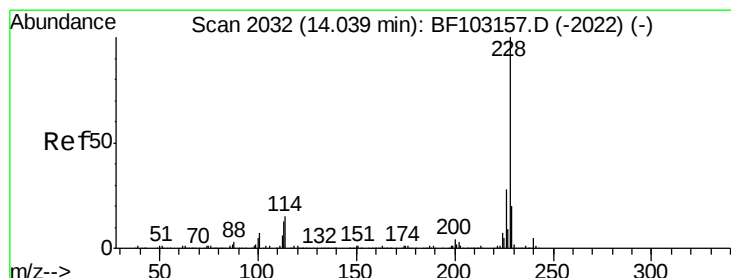
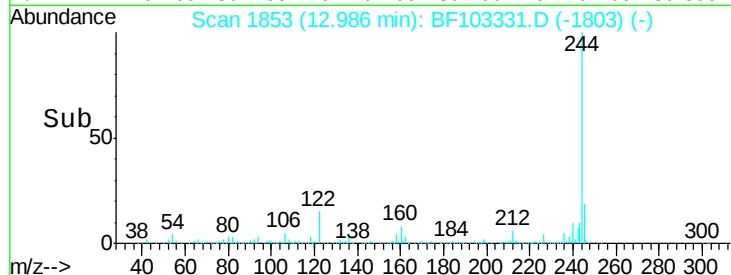
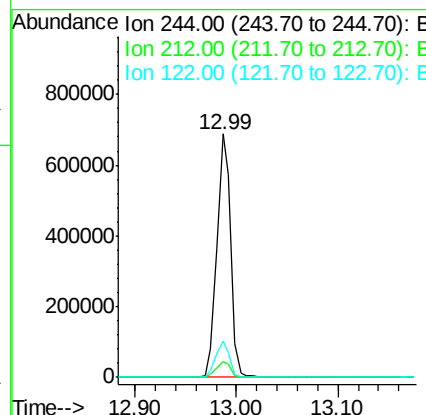
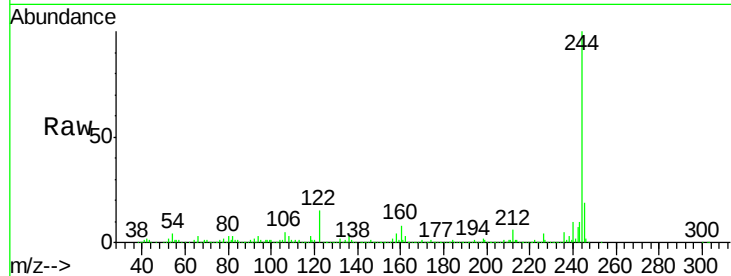
#78
 Terphenyl-d14
 Concen: 65.839 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103331.D
 Acq: 1 Mar 2018 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-37

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	15.0	11.0	16.4

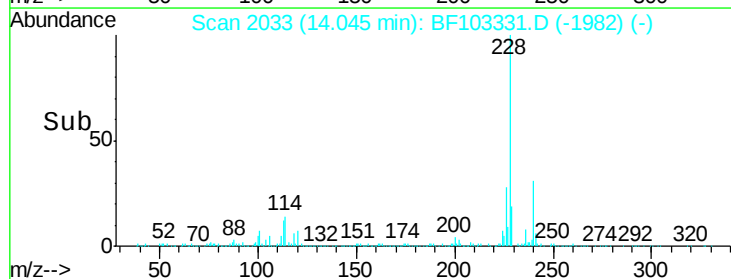
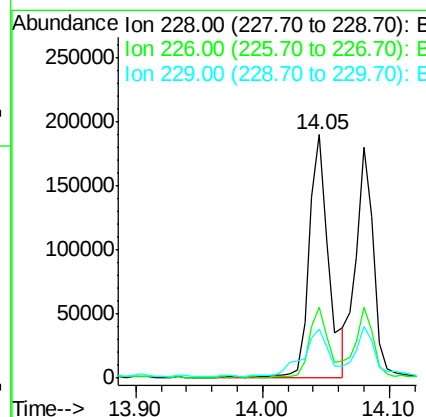
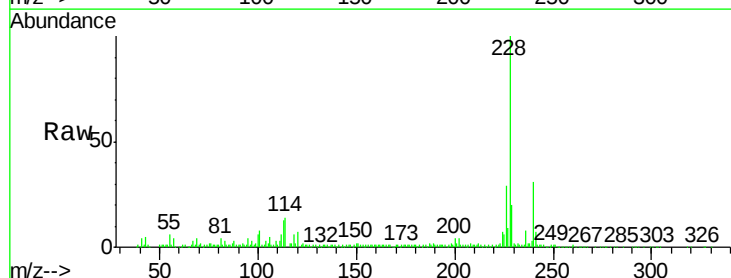
Manual Integrations
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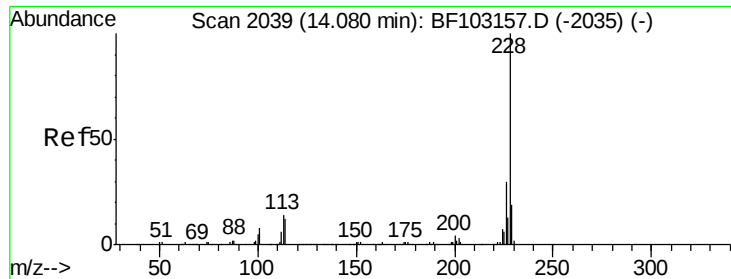
Sohil
 3/2/2018 3:30:27 PM



#80
 Benzo(a)anthracene
 Concen: 12.996 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF103331.D
 Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.4	15.8	23.6





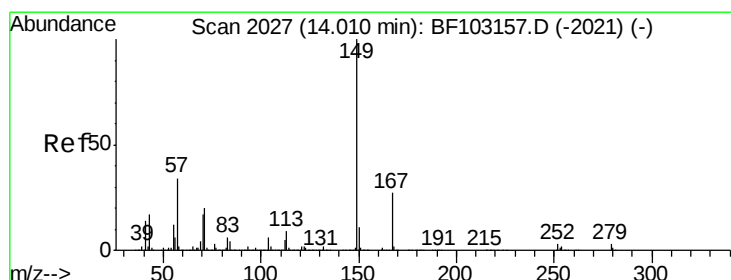
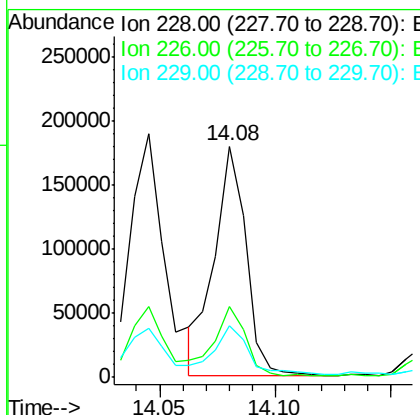
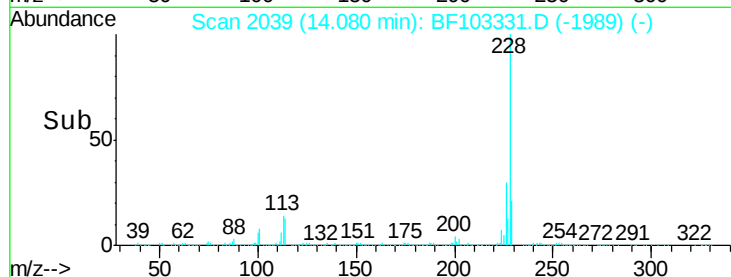
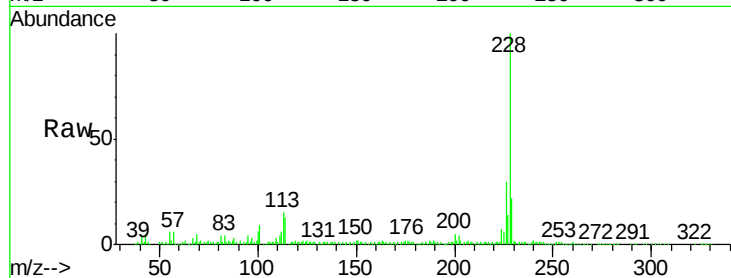
#82
Chrysene
Concen: 11.510 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampled :
SP-37

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.2	16.2	24.4

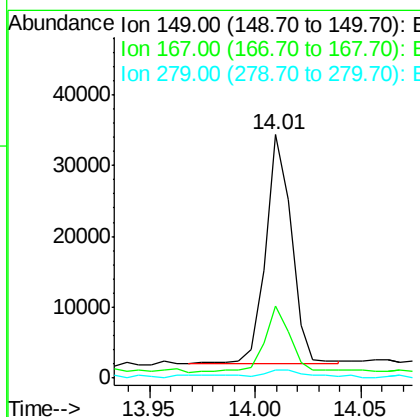
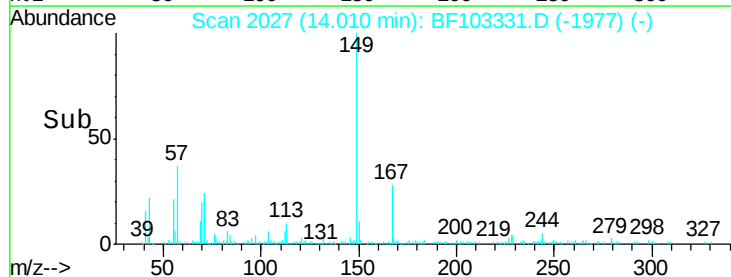
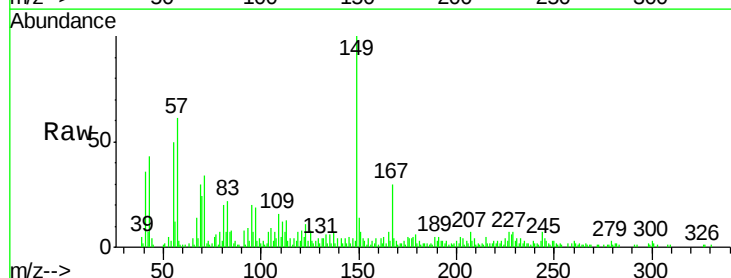
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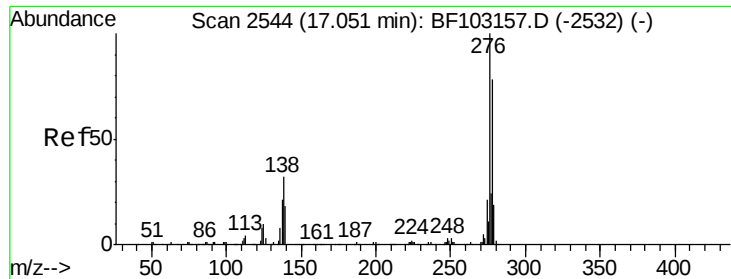
Sohil
3/2/2018 3:30:27 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.113 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.3	31.9
279	3.2	3.0	4.4





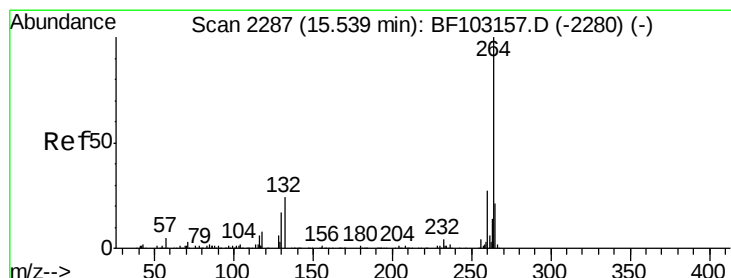
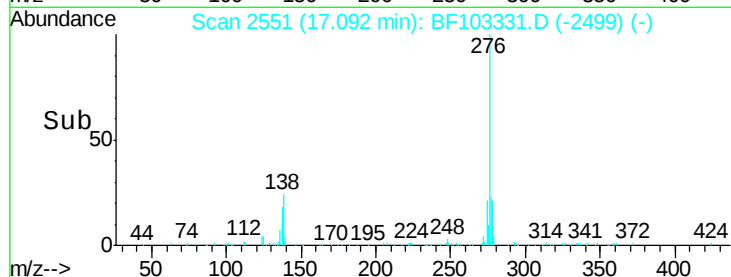
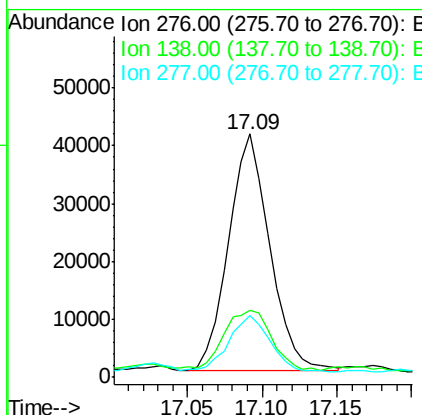
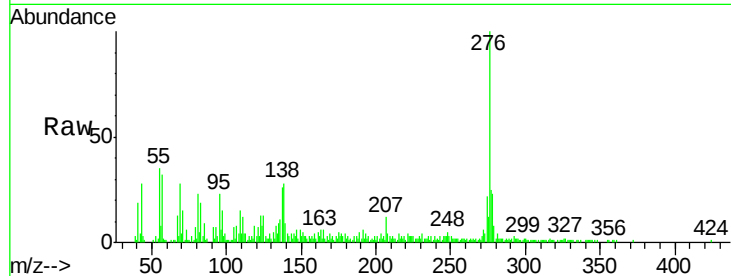
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.644 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampled :
SP-37

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	24.1	20.1	30.1

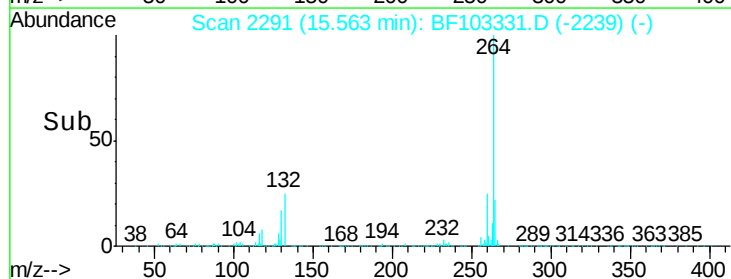
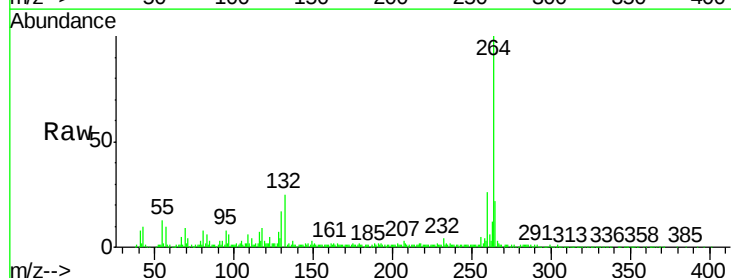
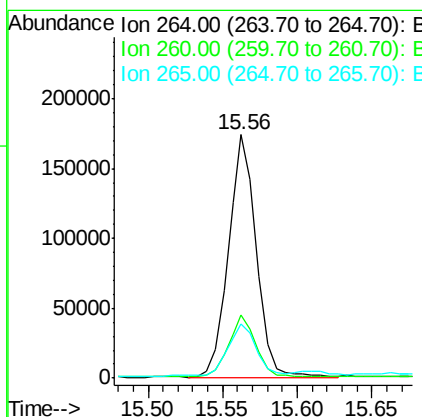
Manual Integrations
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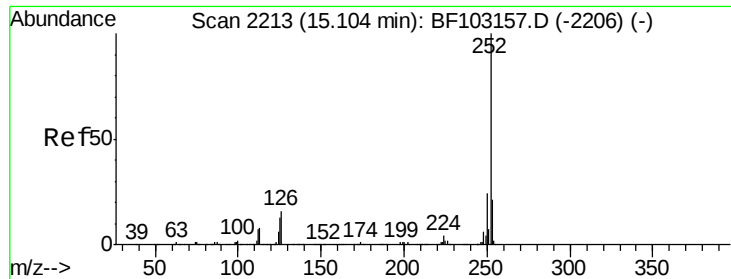
Sohil
3/2/2018 3:30:27 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.2	28.8
265	22.4	17.5	26.3





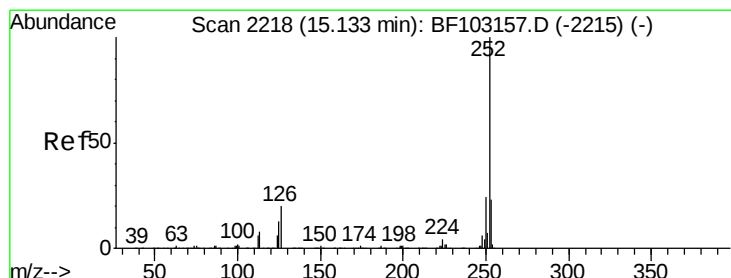
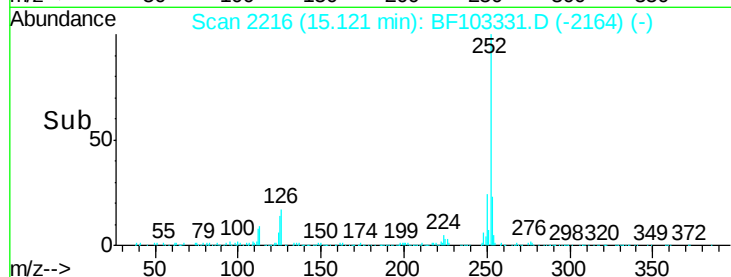
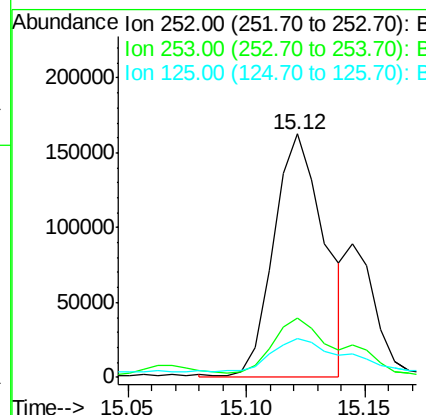
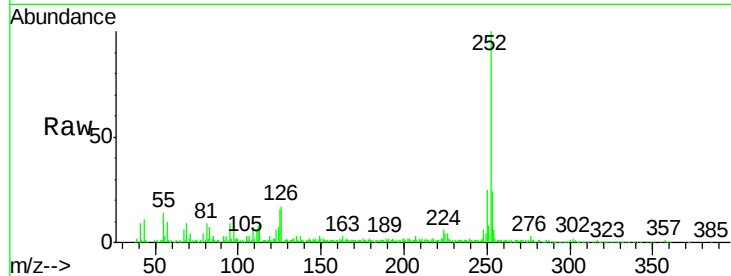
#87
Benzo(b)fluoranthene
Concen: 16.446 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampleId :
SP-37

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	16.1	9.0	13.6

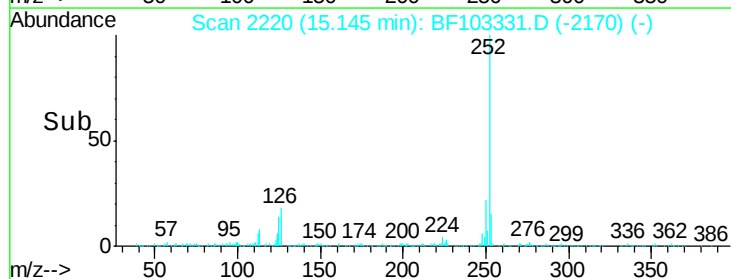
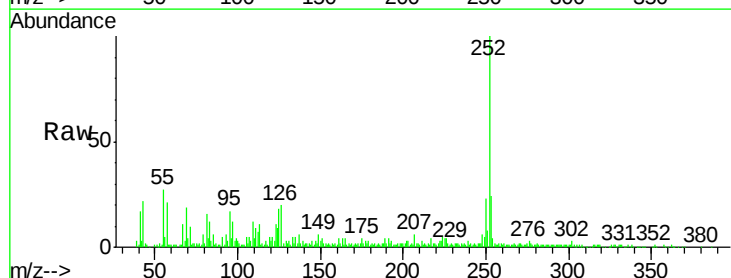
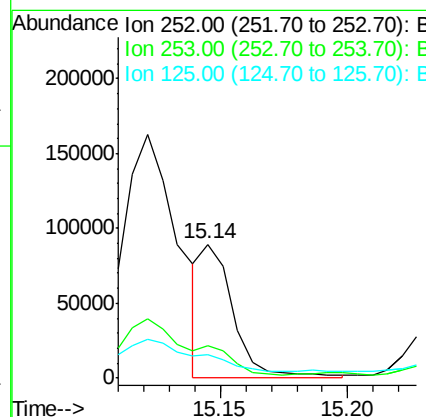
Manual Integrations
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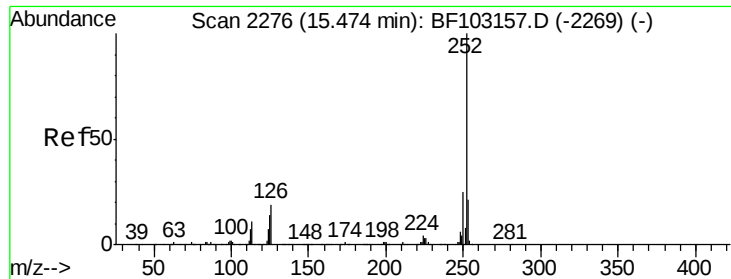
Sohil
3/2/2018 3:30:27 PM



#88
Benzo(k)fluoranthene
Concen: 5.673 ng m
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	18.0	10.2	15.2





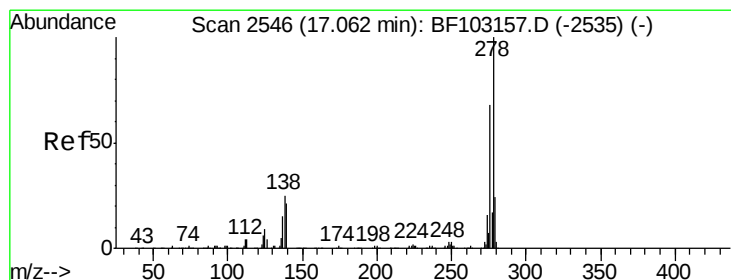
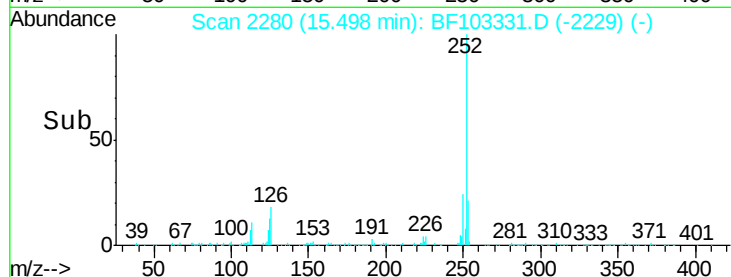
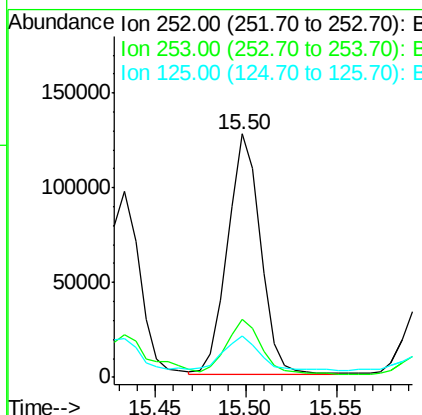
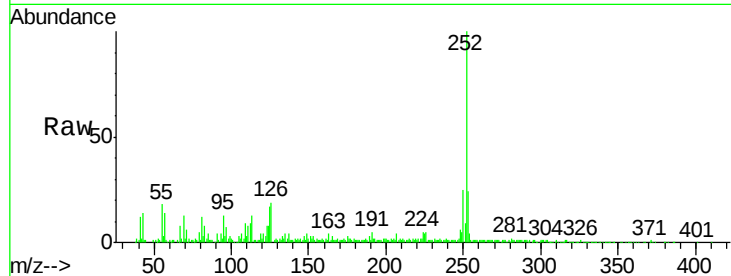
#89
Benzo(a)pyrene
Concen: 12.217 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Instrument :
BNA_F
ClientSampleId :
SP-37

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	16.9	9.8	14.6

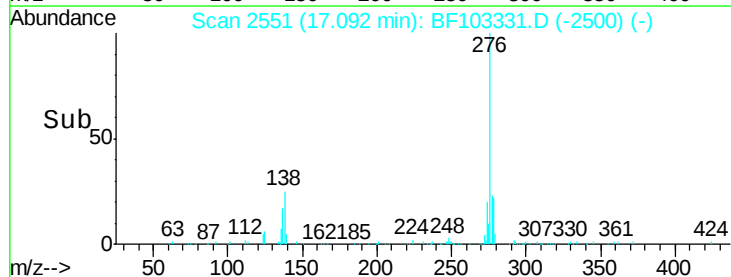
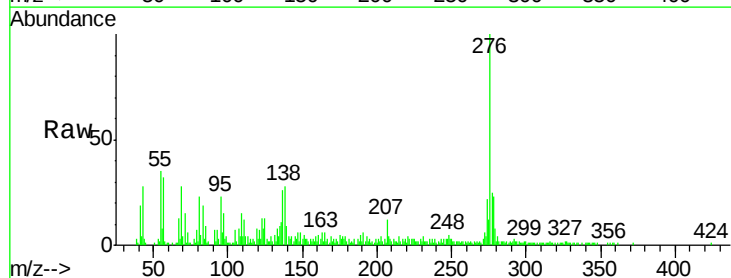
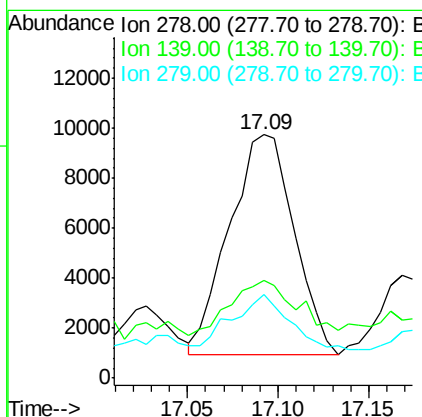
Manual Integrations
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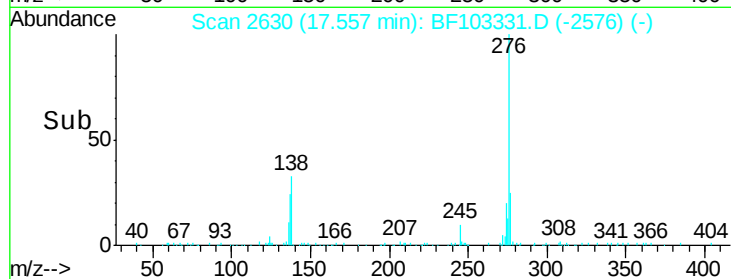
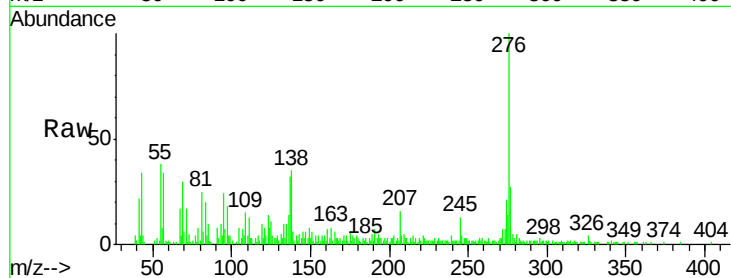
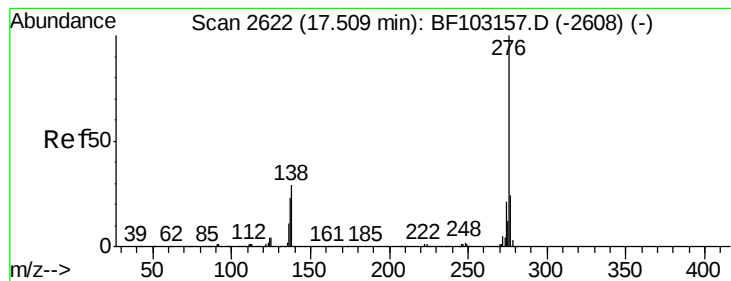
Sohil
3/2/2018 3:30:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.137 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BF103331.D
Acq: 1 Mar 2018 12:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.1	15.9	23.9
279	34.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 7.681 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.02 min

Lab File: BF103331.D

Acq: 1 Mar 2018 12:49

Instrument :

BNA_F

ClientSampleId :

SP-37

Tot Ion: 276 Resp: 76836

Ion Ratio Lower Upper

276 100

277 27.2 17.9 26.9#

138 35.4 21.8 32.8#

Manual Integrations
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3/2/2018 3:30:27 PM

