

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103347.D
 Acq On : 1 Mar 2018 19:57
 Operator : SJ/JU
 Sample : J1721-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-34

Manual Integrations
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Quant Time: Mar 02 10:17:22 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	135124	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	510302	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	177151	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	286337	20.00	ng	0.00
75) Chrysene-d12	14.06	240	184377	20.00	ng	0.00
86) Perylene-d12	15.57	264	134326	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	948386	106.15	ng	0.01
7) Phenol-d6	6.52	99	1085739	99.31	ng	0.00
23) Nitrobenzene-d5	7.45	82	653567	73.14	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	138662	92.47	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	800306	75.84	ng	0.00
78) Terphenyl-d14	13.00	244	628399	81.93	ng	0.00
Target Compounds						
10) Phenol	6.53	94	31596	2.490	ng	79
49) Dimethylphthalate	9.63	163	74635	5.252	ng	100
70) Phenanthrene	11.43	178	166554	10.569	ng	98
71) Anthracene	11.49	178	58856	3.642	ng	99
74) Fluoranthene	12.63	202	332400	20.991	ng	97
77) Pyrene	12.86	202	304593	21.189	ng	100
80) Benzo(a)anthracene	14.05	228	128676	10.756	ng	97
82) Chrysene	14.09	228	115554	9.948	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	46077	5.011	ng	94
87) Benzo(b)fluoranthene	15.13	252	114743m	12.992	ng	
88) Benzo(k)fluoranthene	15.15	252	36254m	4.359	ng	
89) Benzo(a)pyrene	15.50	252	78370	9.937	ng	# 87
91) Benzo(a,h,i)perylene	17.57	276	45744	7.680	ng	# 88

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

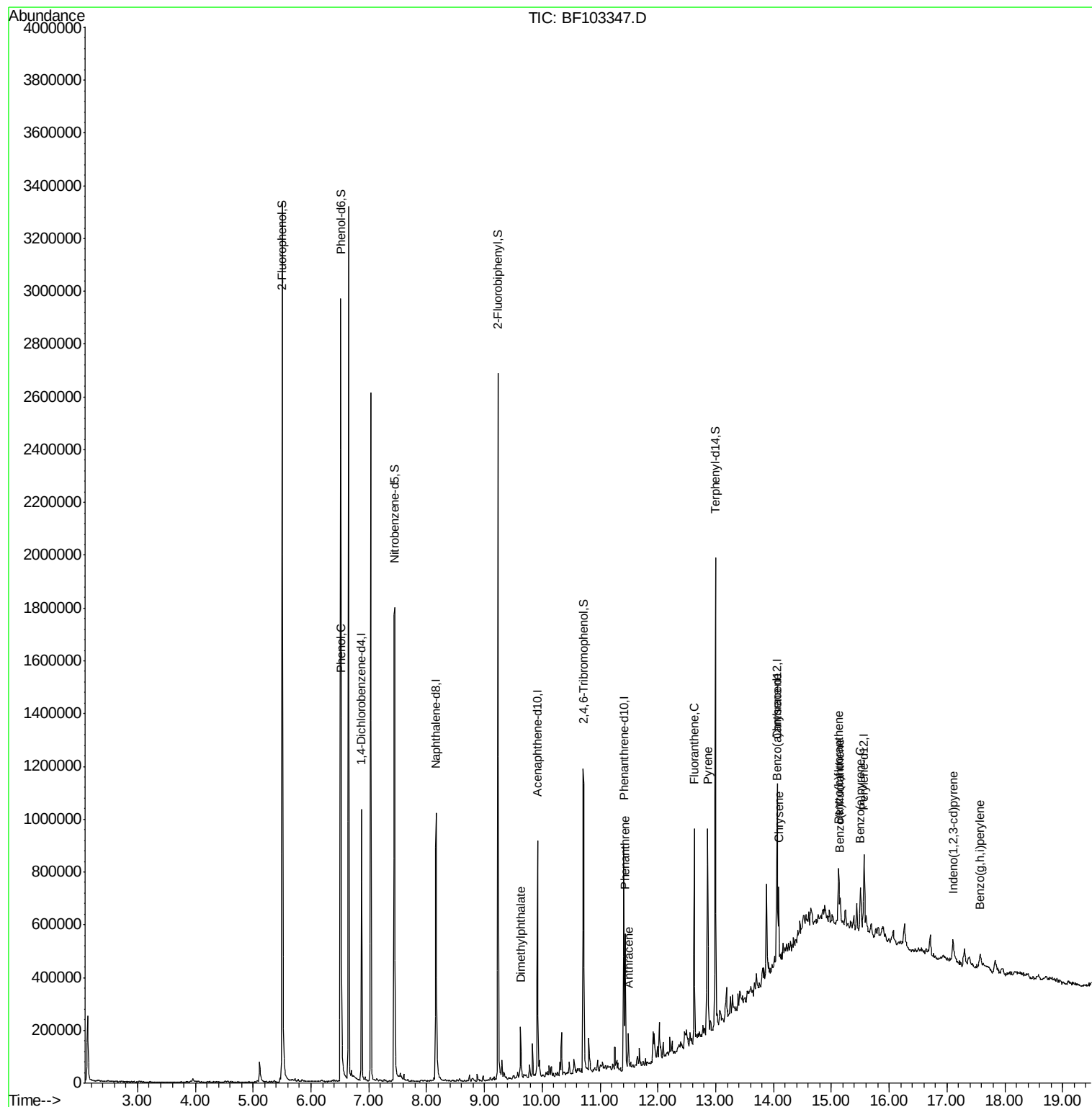
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103347.D
Acq On : 1 Mar 2018 19:57
Operator : SJ/JU
Sample : J1721-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

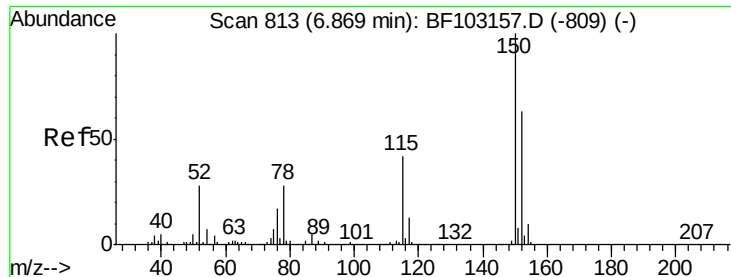
Instrument :
BNA_F
ClientSampleId :
SP-34

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Quant Time: Mar 02 10:17:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

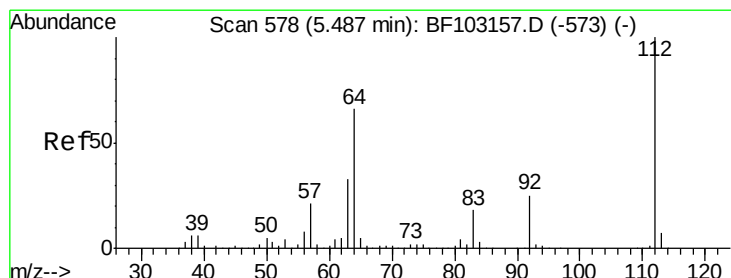
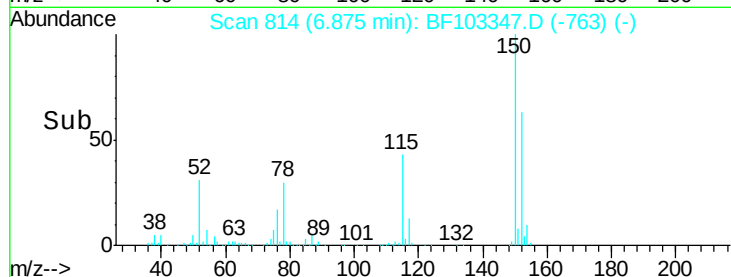
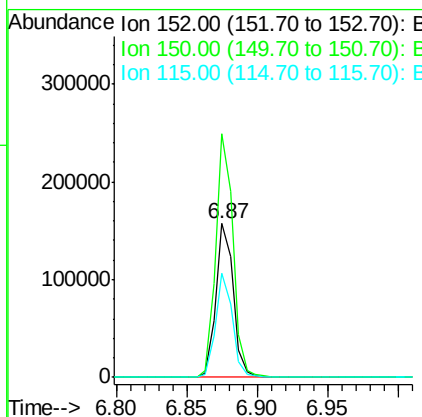
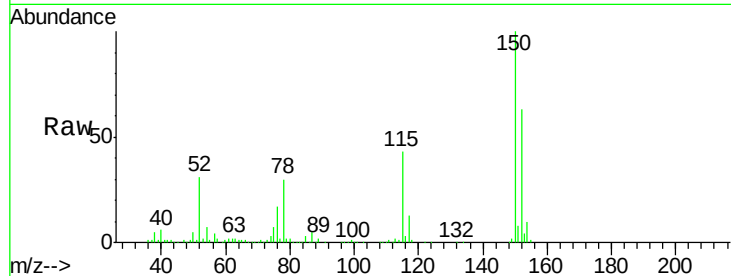
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	67.5	50.1	75.1

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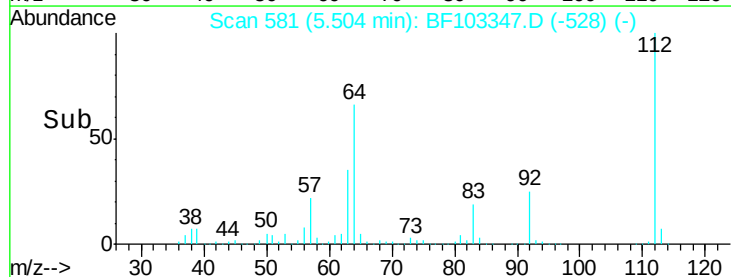
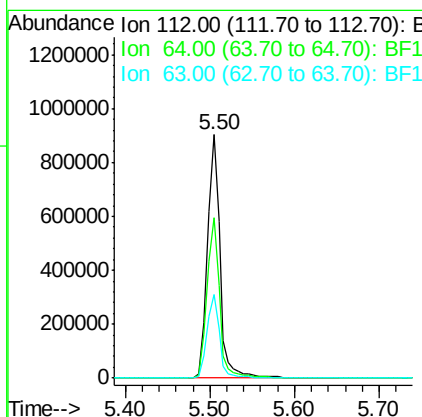
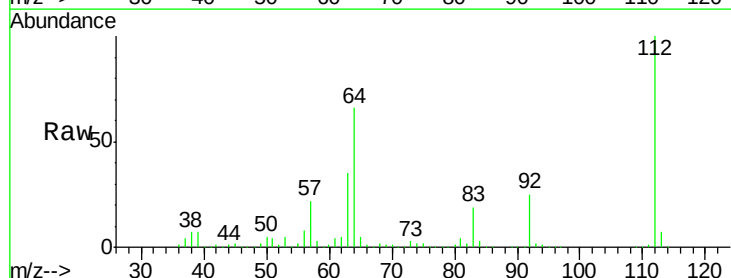
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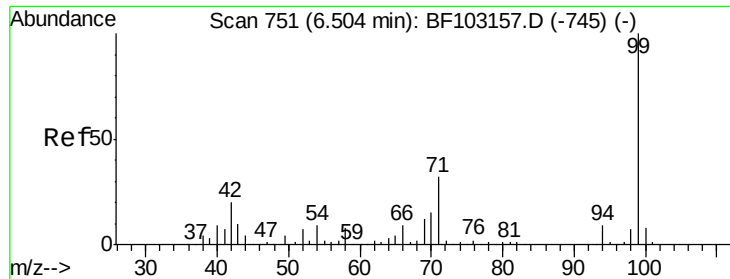


#5

2-Fluorophenol
Concen: 106.152 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	34.6	23.7	35.5





#7

Phenol-d6

Concen: 99.314 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103347.D

Acq: 1 Mar 2018 19:57

Instrument :

BNA_F

ClientSampled :

SP-34

Tot Ion: 99 Resp: 1085739

Ion Ratio Lower Upper

99 100

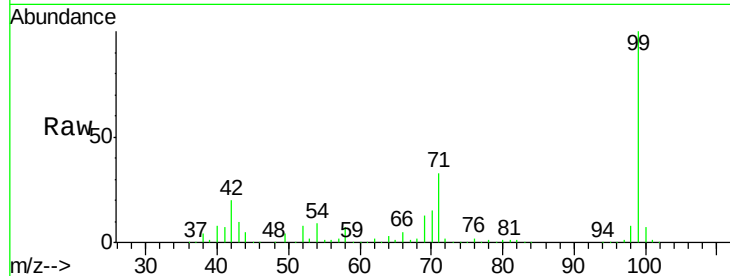
42 20.4 14.5 21.7

71 32.6 25.4 38.0

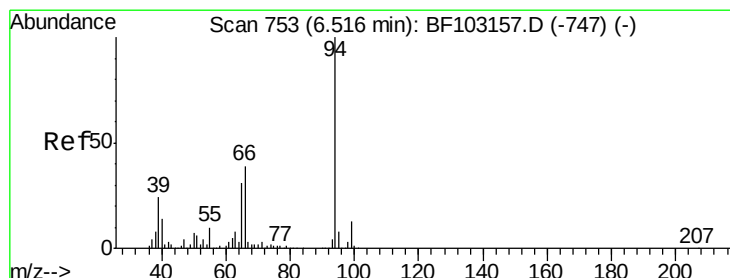
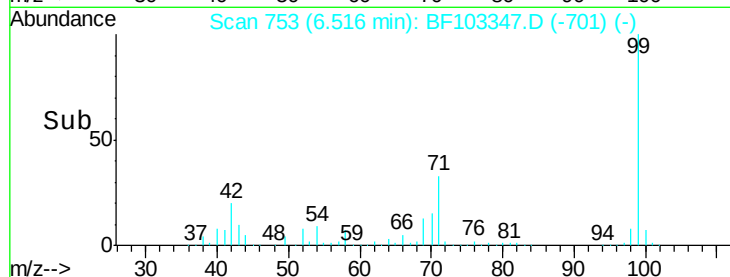
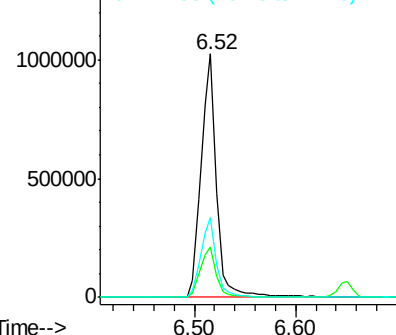
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.490 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103347.D

Acq: 1 Mar 2018 19:57

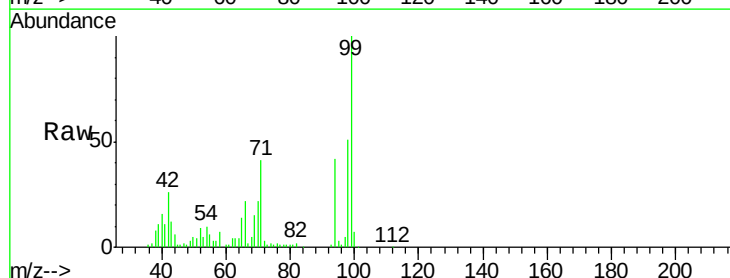
Tgt Ion: 94 Resp: 31596

Ion Ratio Lower Upper

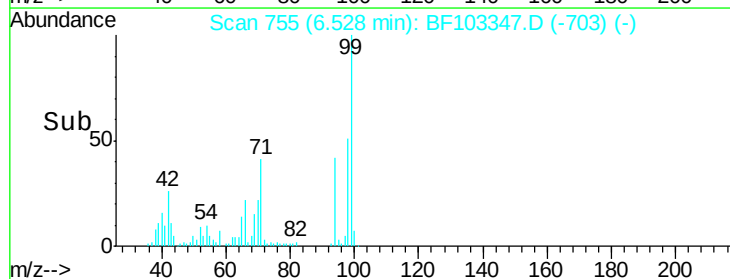
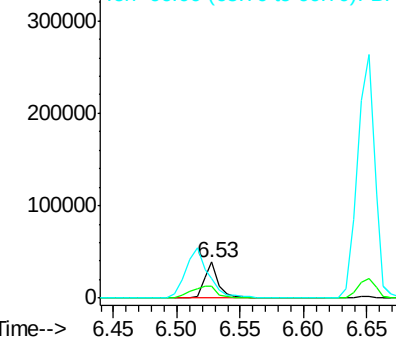
94 100

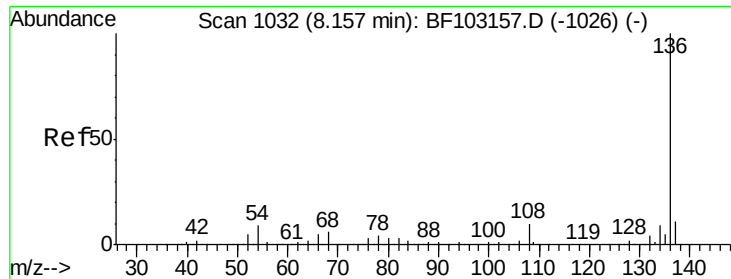
65 33.8 7.9 47.9

66 52.7 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





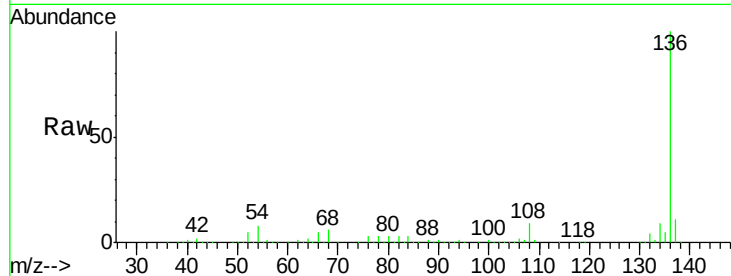
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Instrument :
BNA_F
ClientSampleId :
SP-34

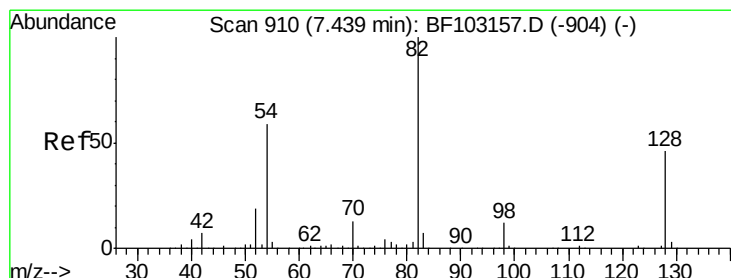
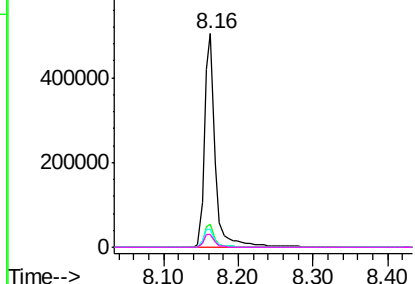
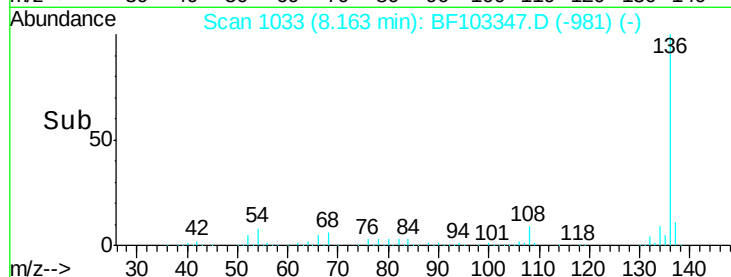
Tot Ion	Ratio	Resp	Lower	Upper
136	100	510302		
137	10.5		8.9	13.3
54	8.3		6.6	9.8
68	6.1		5.0	7.4

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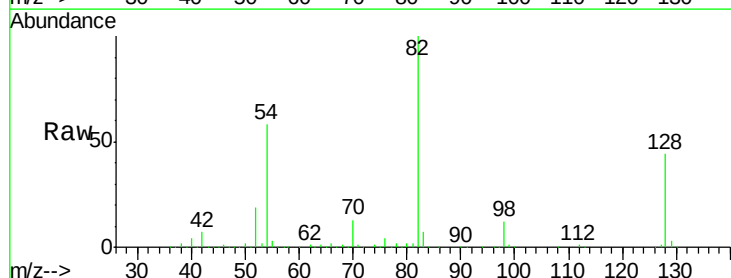


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

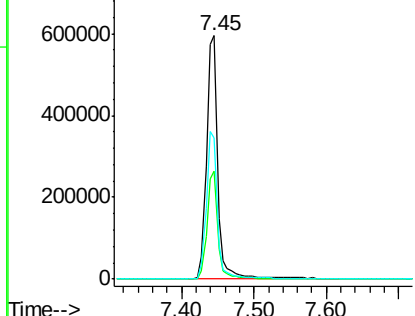
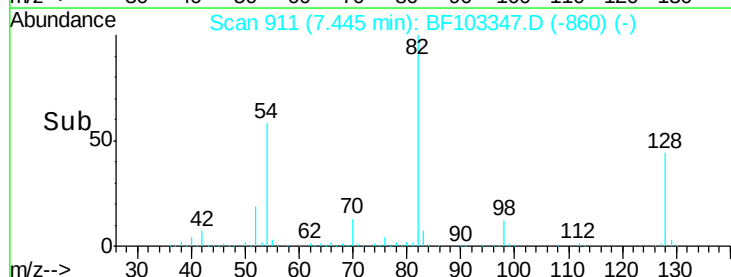


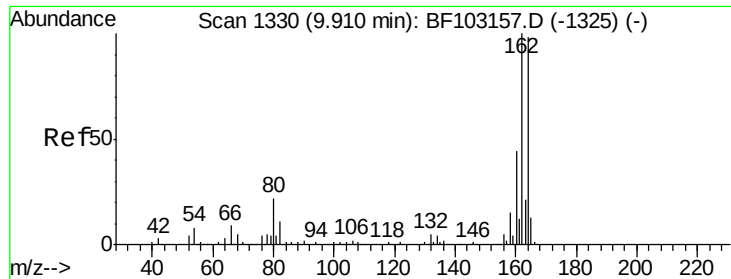
#23
Nitrobenzene-d5
Concen: 73.141 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	653567		
128	44.1		36.1	54.1
54	58.0		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





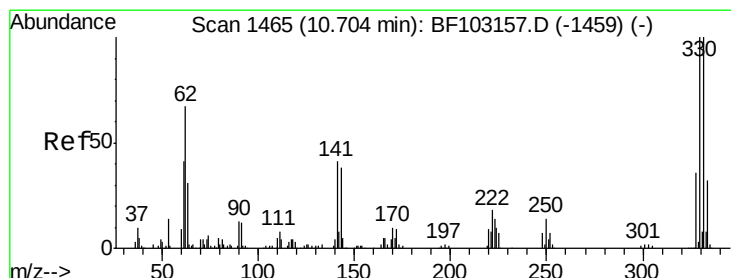
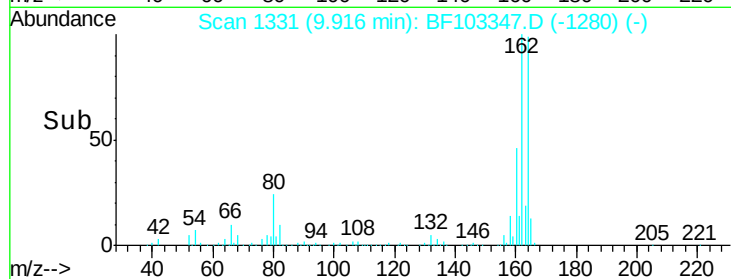
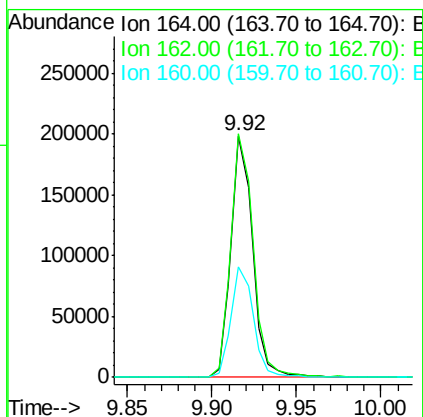
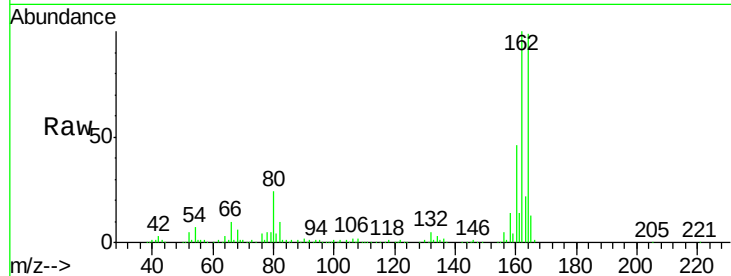
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ratio	Resp	Lower	Upper
164	100	177151		
162	100.9	86.1	129.1	
160	46.1	38.3	57.5	

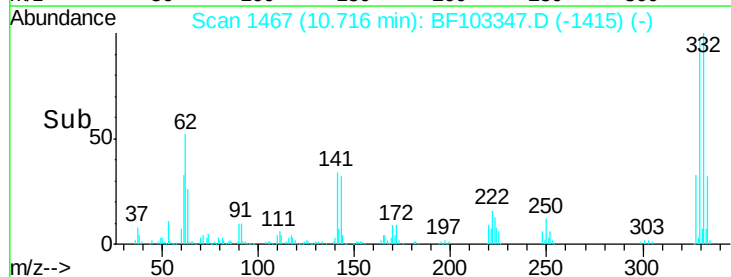
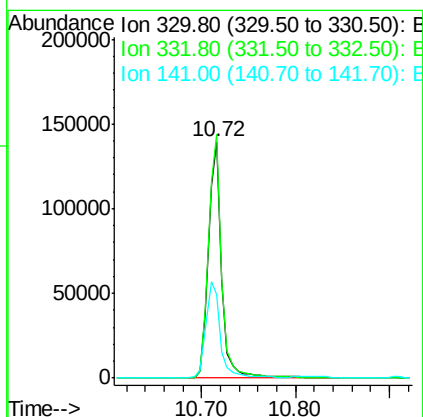
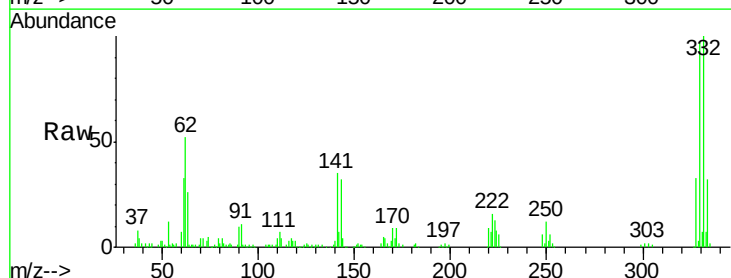
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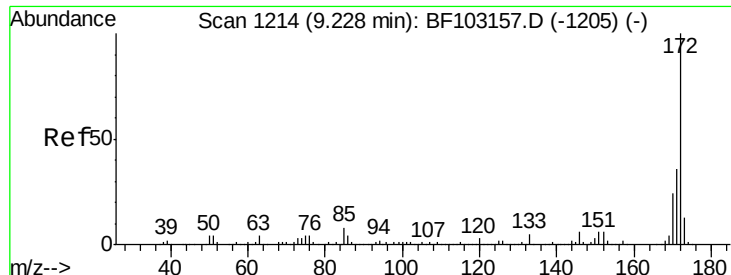
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#41
2,4,6-Tribromophenol
Concen: 92.473 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138662		
332	102.8	77.0	115.6	
141	45.0	29.9	44.9	





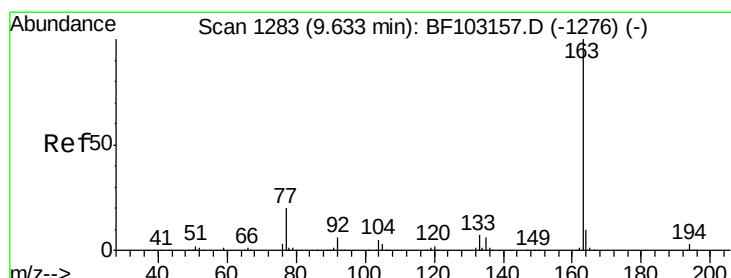
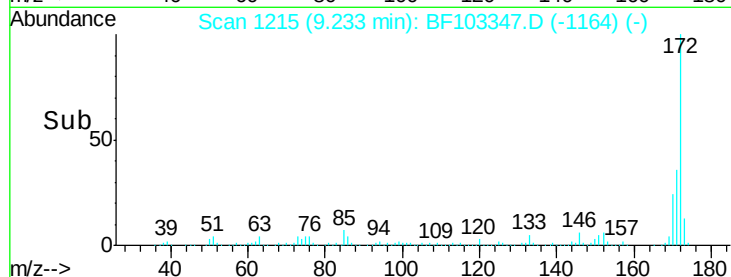
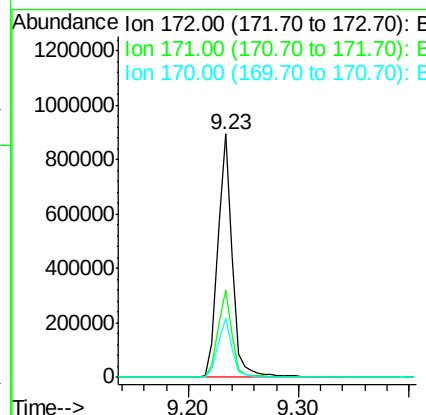
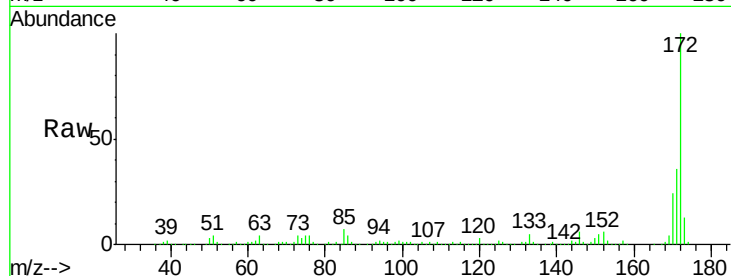
#44
 2-Fluorobiphenyl
 Concen: 75.836 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103347.D
 Acq: 1 Mar 2018 19:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-34

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.5	19.6	29.4

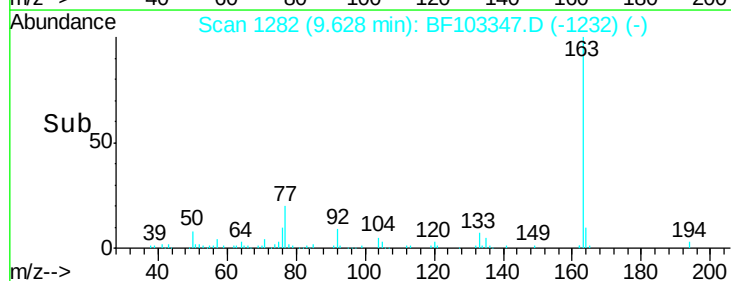
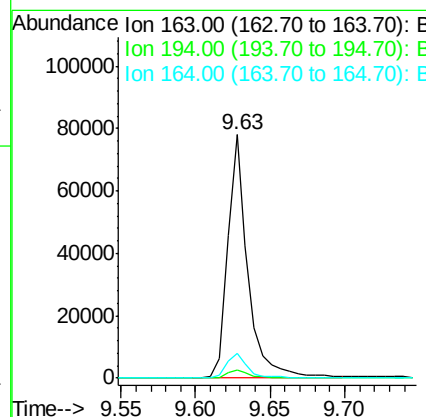
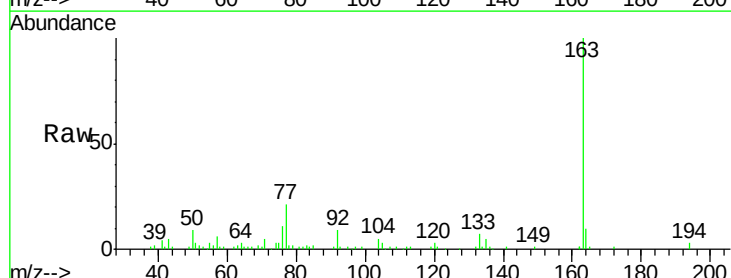
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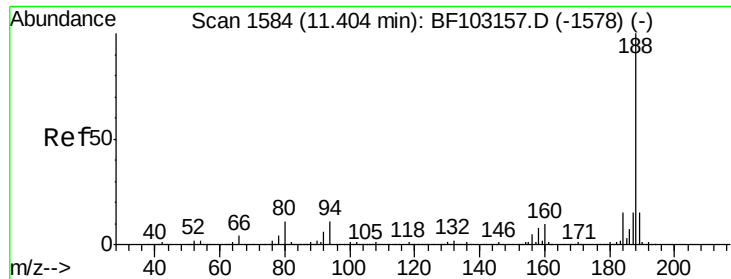
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#49
 Dimethylphthalate
 Concen: 5.252 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF103347.D
 Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2





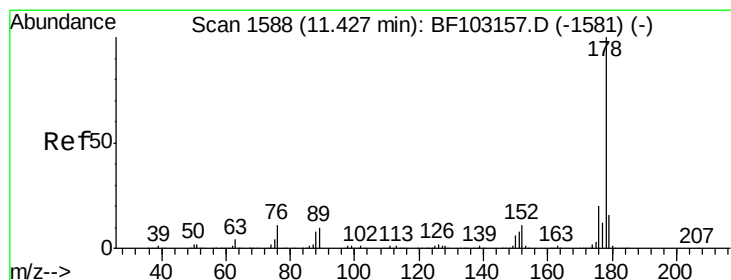
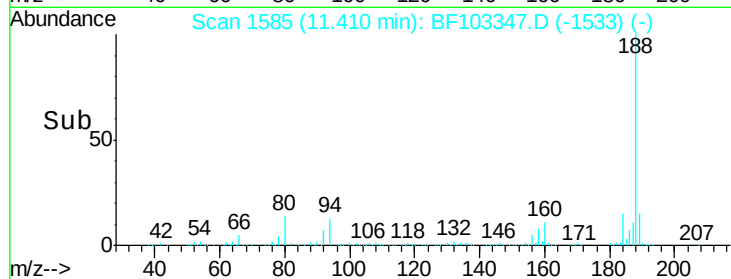
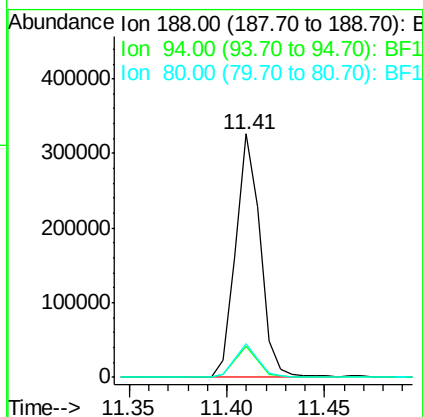
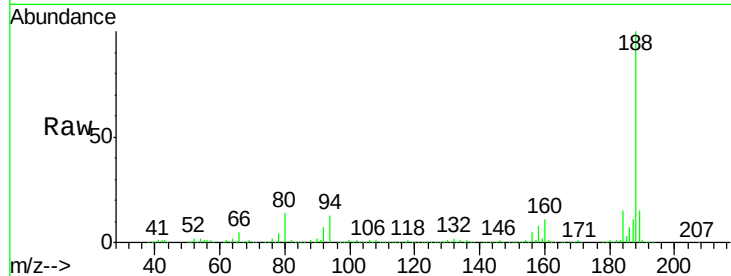
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ratio	Resp	Lower	Upper
188	100	286337		
94	13.0		8.5	12.7#
80	13.6		9.2	13.8

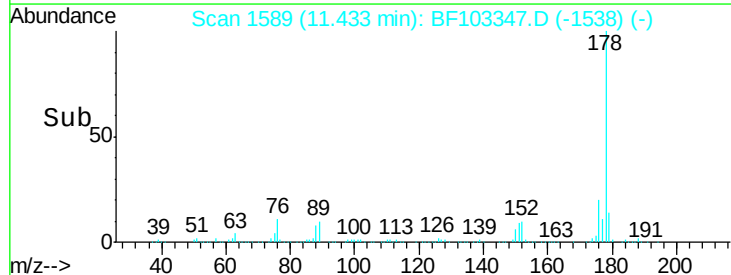
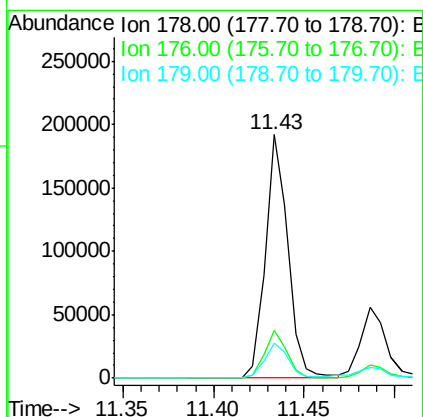
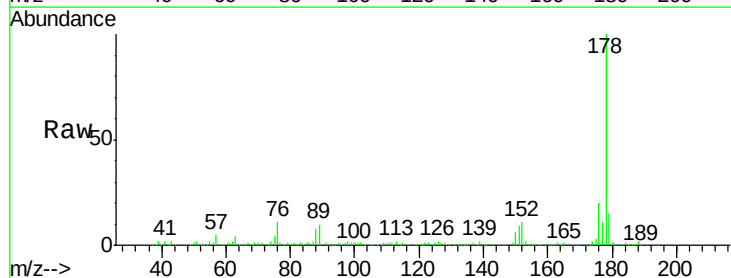
Manual Integrations
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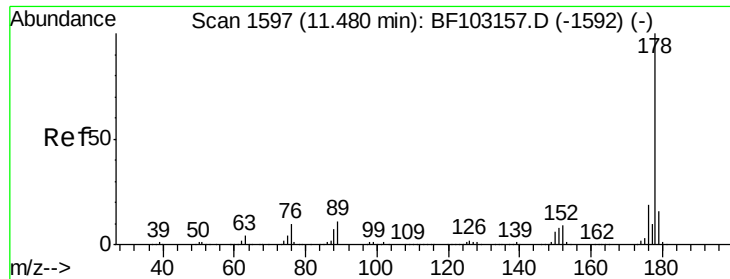
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#70
Phenanthrene
Concen: 10.569 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	166554		
176	19.8		15.8	23.8
179	14.6		13.0	19.6





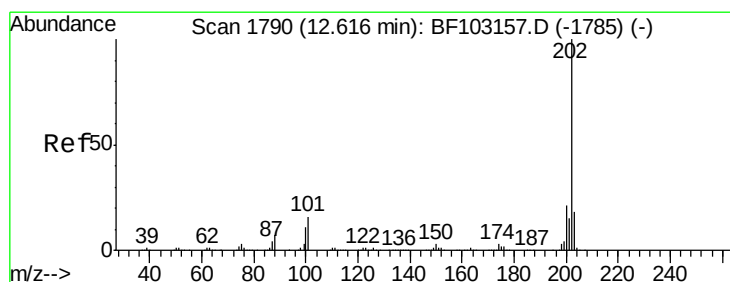
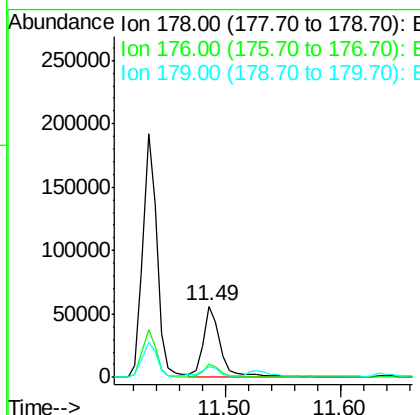
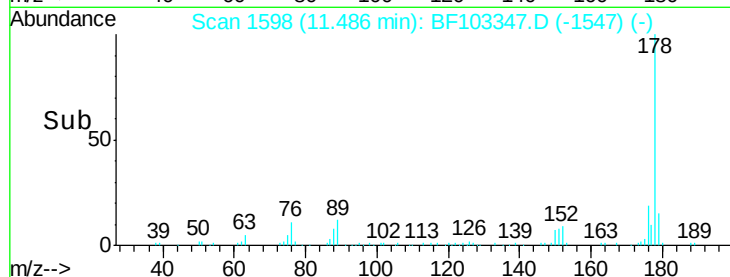
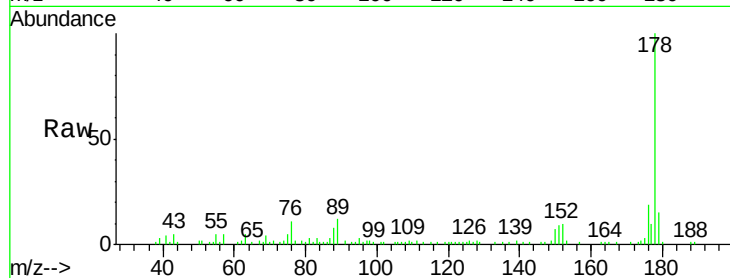
#71
 Anthracene
 Concen: 3.642 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103347.D
 Acq: 1 Mar 2018 19:57

Instrument :
 BNA_F
 ClientSampled :
 SP-34

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.6	19.0

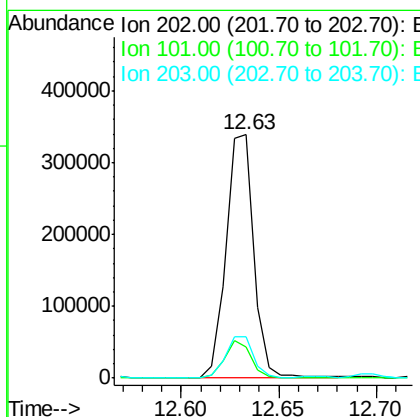
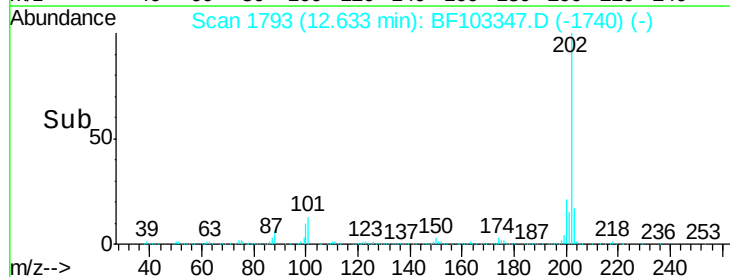
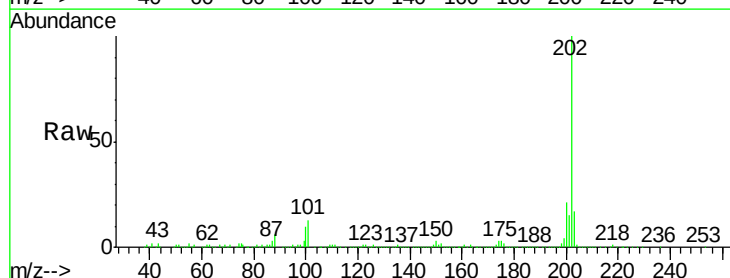
Manual Integrations
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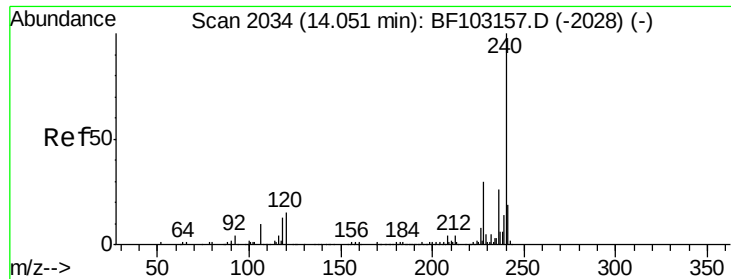
Sohil
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#74
 Fluoranthene
 Concen: 20.991 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BF103347.D
 Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103347.D

Acq: 1 Mar 2018 19:57

Instrument :

BNA_F

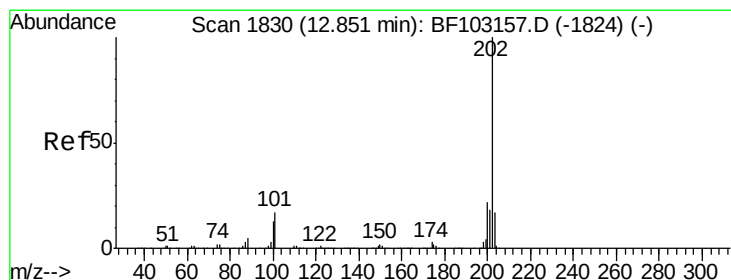
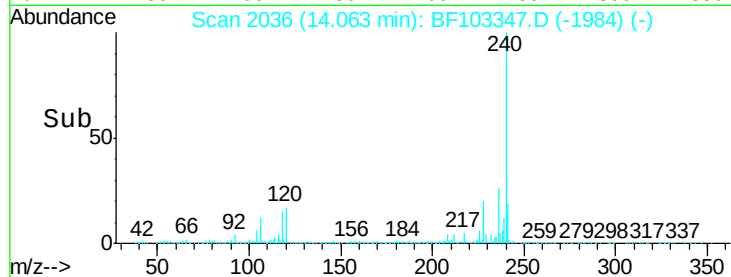
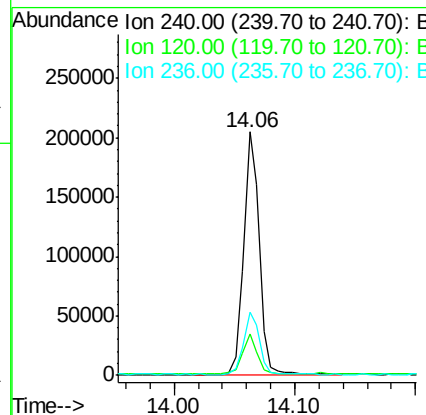
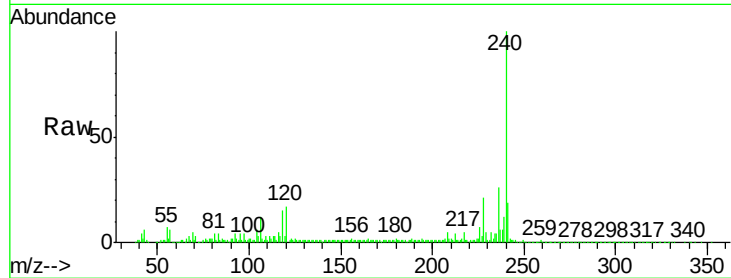
ClientSampled :

SP-34

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.5	14.3
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 21.189 ng

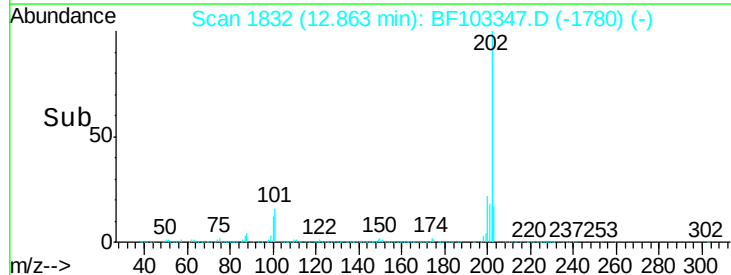
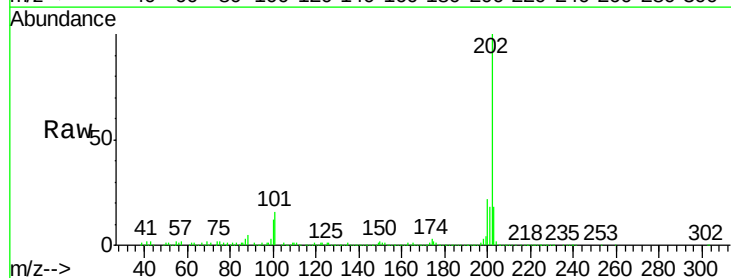
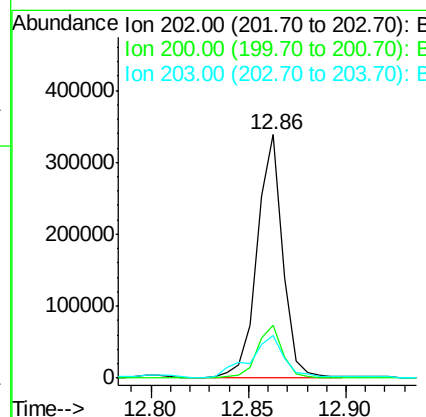
RT: 12.86 min Scan# 1832

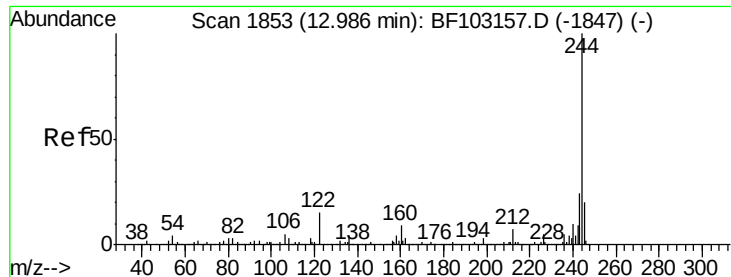
Delta R.T. 0.01 min

Lab File: BF103347.D

Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 81.929 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103347.D

Acq: 1 Mar 2018 19:57

Instrument :

BNA_F

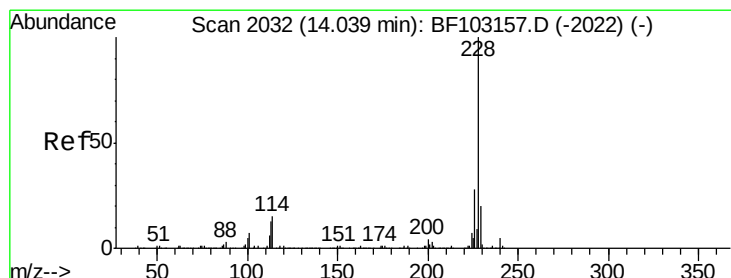
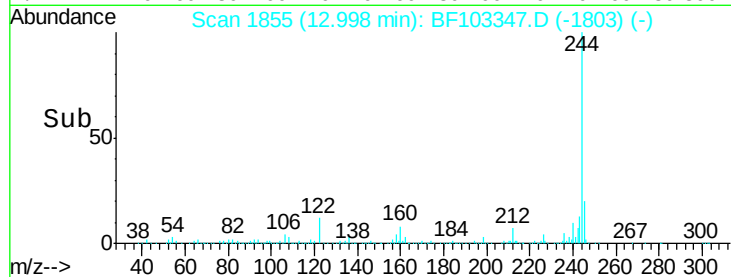
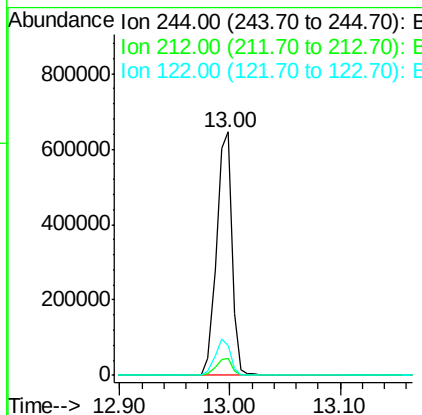
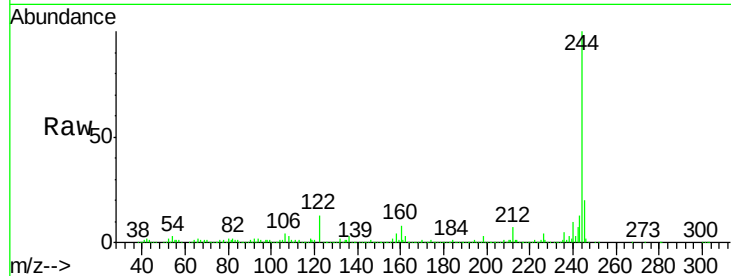
ClientSampled :

SP-34

Tot Ion:	244	Resp:	628399
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	12.5	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 10.756 ng

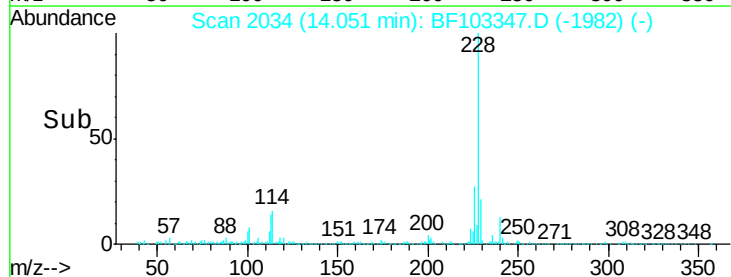
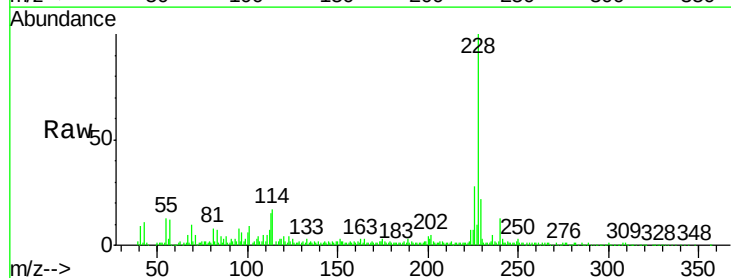
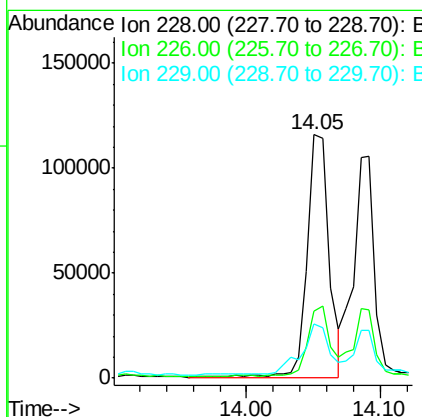
RT: 14.05 min Scan# 2034

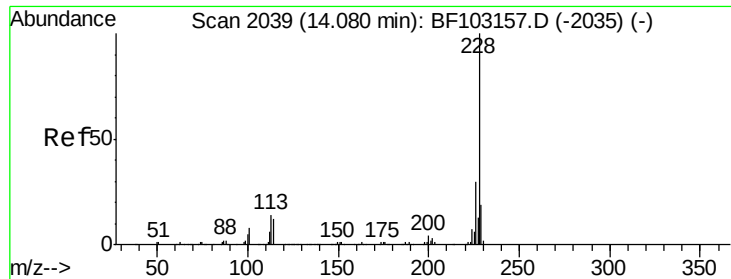
Delta R.T. 0.01 min

Lab File: BF103347.D

Acq: 1 Mar 2018 19:57

Tgt Ion:	228	Resp:	128676
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	22.3	15.8	23.6





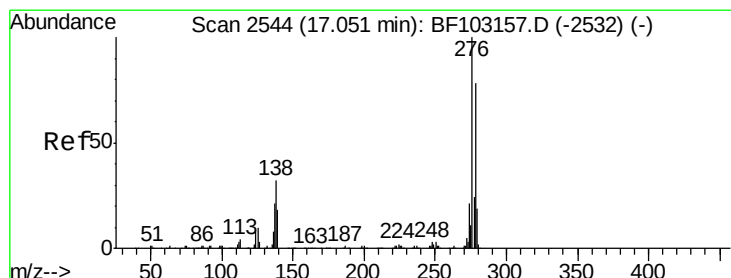
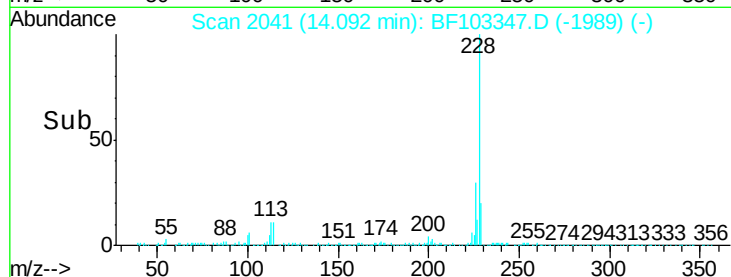
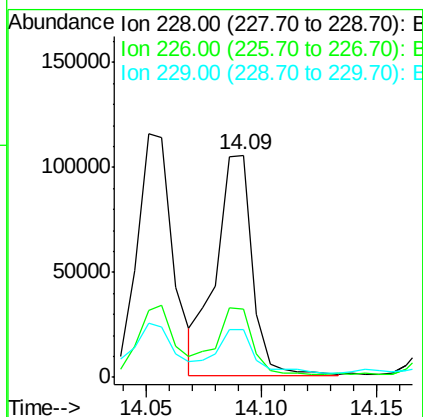
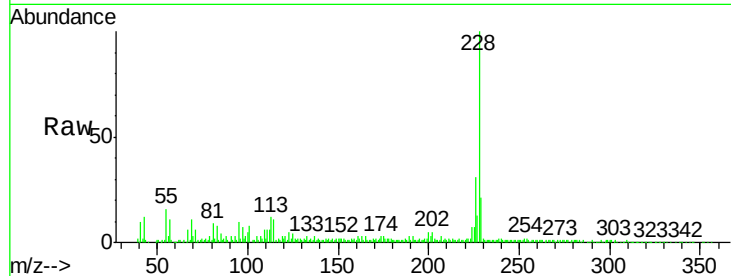
#82
Chrysene
Concen: 9.948 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion:228	Resp:	115554
Ion Ratio	Lower	Upper
228 100		
226 30.7	25.0	37.6
229 21.5	16.2	24.4

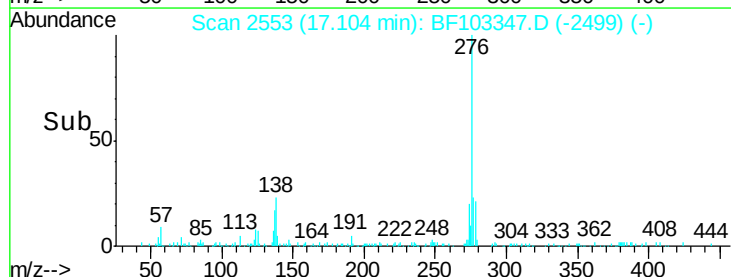
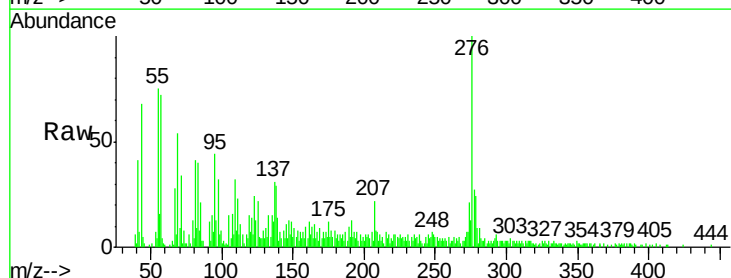
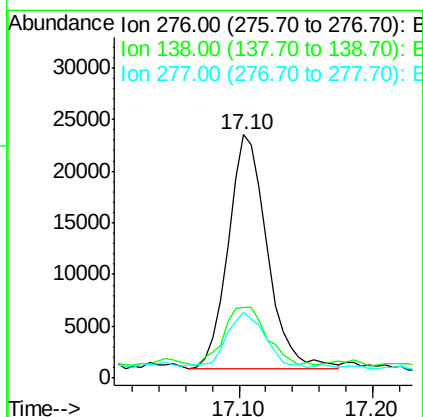
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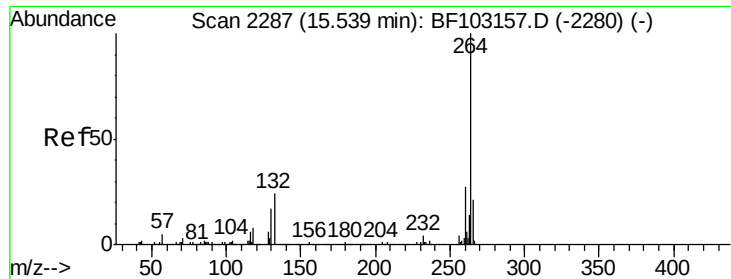
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.011 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Tgt Ion:276	Resp:	46077
Ion Ratio	Lower	Upper
276 100		
138 28.1	25.0	37.6
277 21.8	20.1	30.1





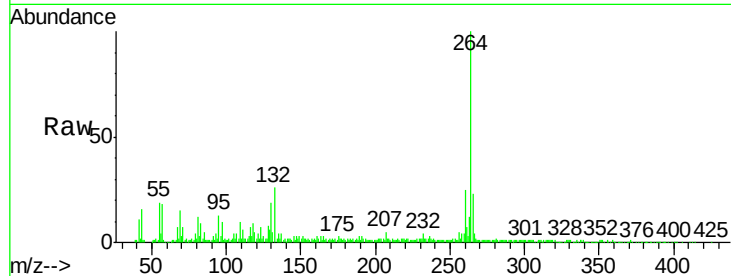
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Instrument :
BNA_F
ClientSampleId :
SP-34

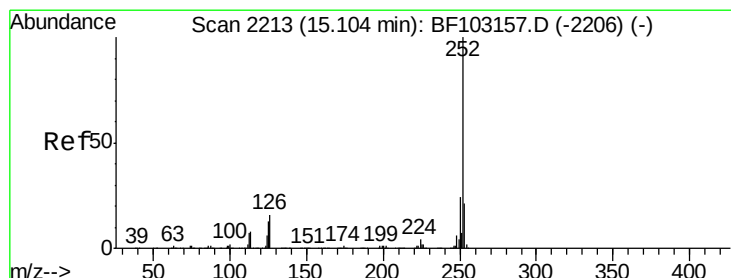
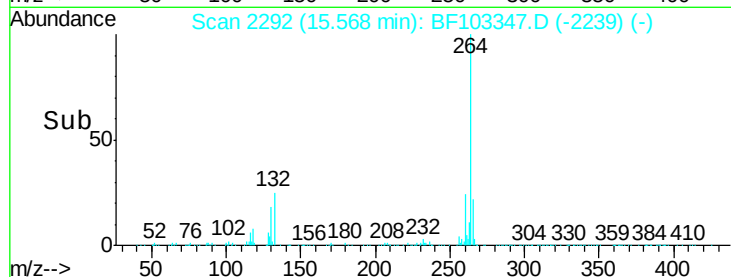
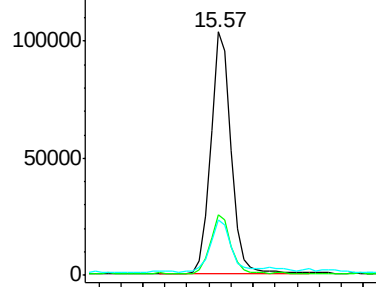
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.6	17.5	26.3

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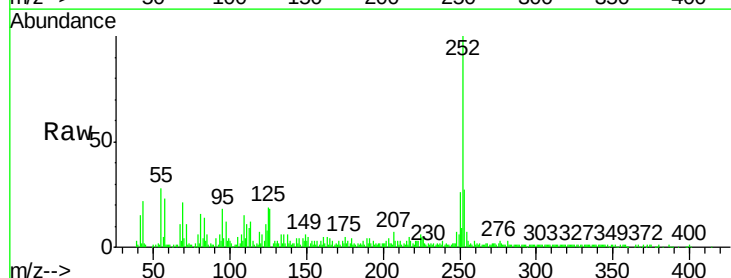


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

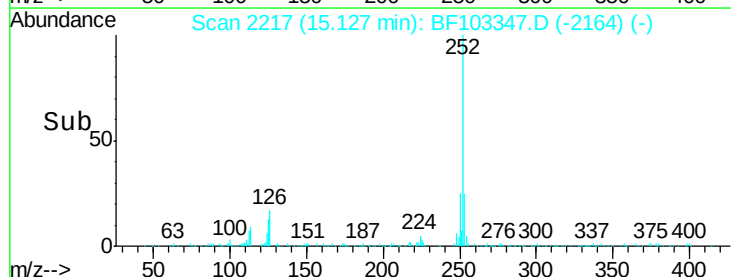
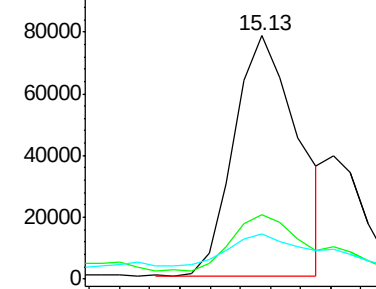


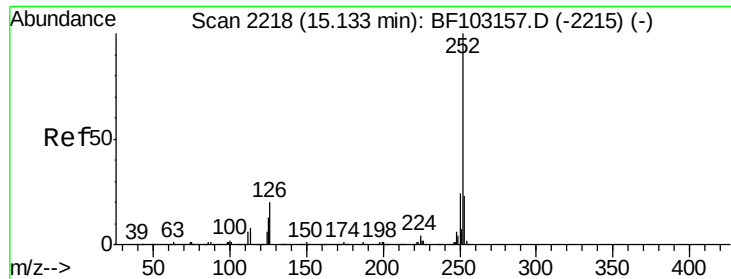
#87
Benzo(b)fluoranthene
Concen: 12.992 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	18.6	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





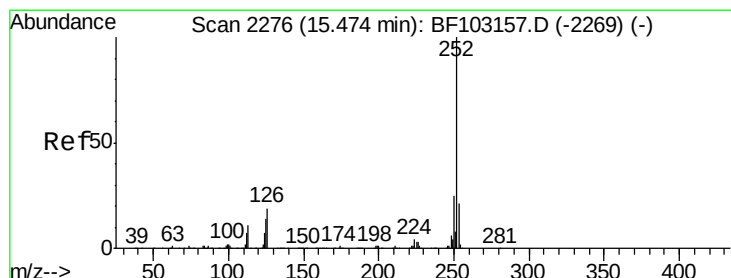
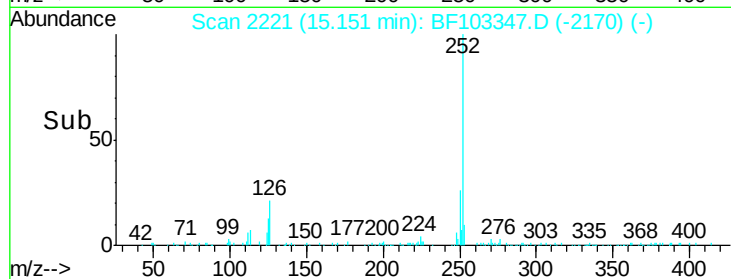
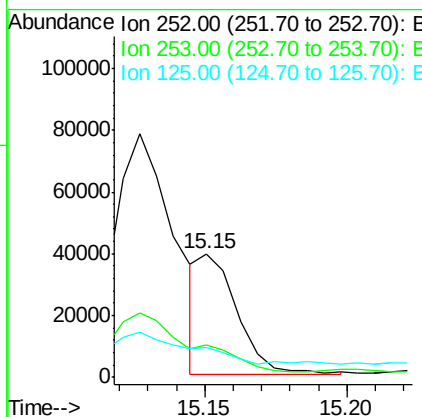
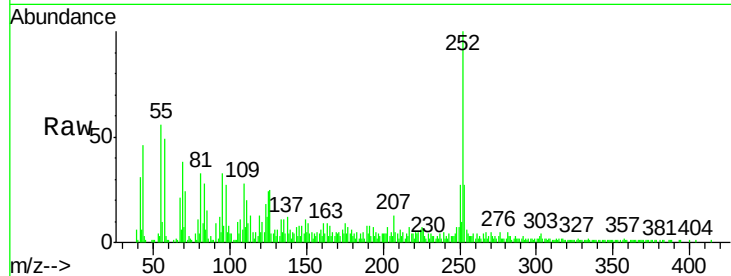
#88
Benzo(k)fluoranthene
Concen: 4.359 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Instrument :
BNA_F
ClientSampled :
SP-34

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	24.2	10.2	15.2

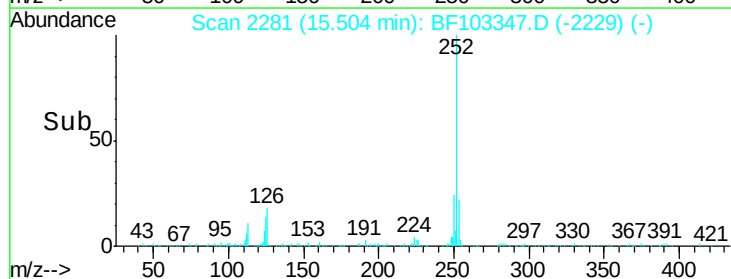
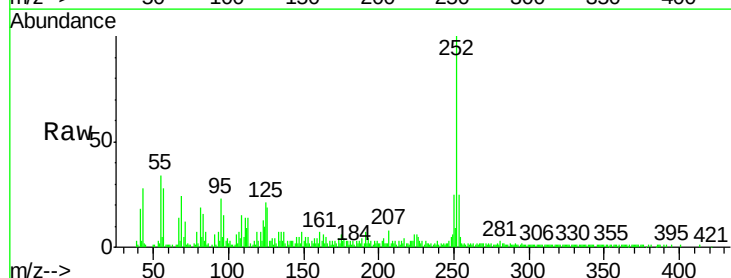
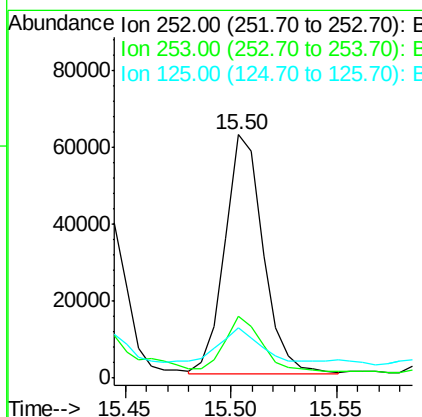
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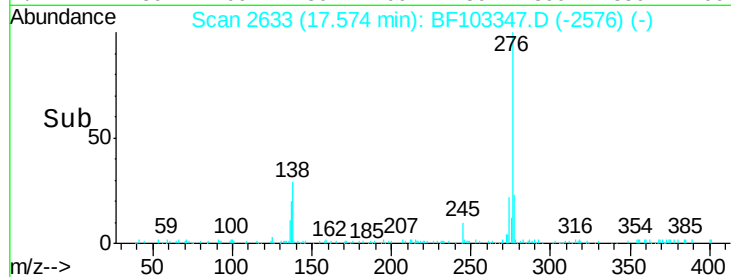
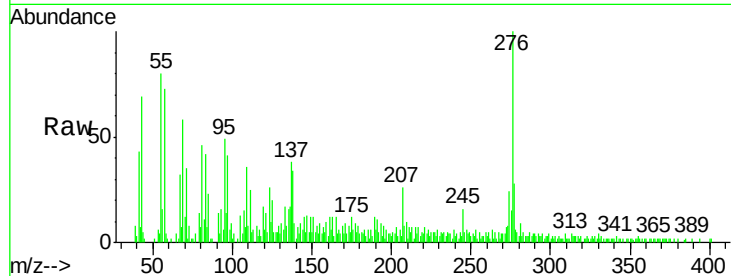
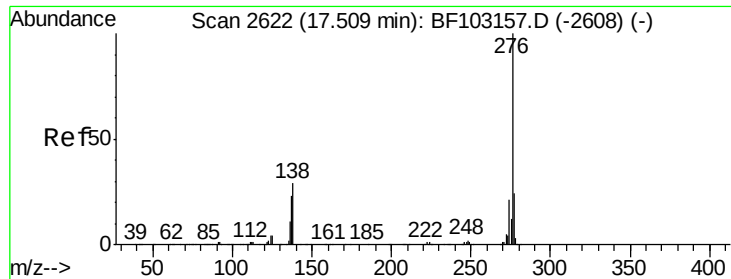
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#89
Benzo(a)pyrene
Concen: 9.937 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF103347.D
Acq: 1 Mar 2018 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	20.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 7.680 ng
 RT: 17.57 min Scan# 2633
 Delta R.T. 0.04 min
 Lab File: BF103347.D
 Acq: 1 Mar 2018 19:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-34

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	34.2	21.8	32.8#

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