

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103421.D
 Acq On : 5 Mar 2018 20:56
 Operator : SJ/JU
 Sample : J1723-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Manual Integrations
 APPROVED

Sohil
 3/6/2018 4:23:22 PM

Quant Time: Mar 06 00:51:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145204	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	582263	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	242610	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	366458	20.00	ng	0.00
75) Chrysene-d12	14.07	240	218239	20.00	ng	0.00
86) Perylene-d12	15.59	264	167340	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1003974	104.57	ng	0.00
7) Phenol-d6	6.52	99	1222914	104.10	ng	0.00
23) Nitrobenzene-d5	7.44	82	721221	70.74	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	159232	77.54	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	972239	65.26	ng	0.00
78) Terphenyl-d14	13.00	244	638751	70.36	ng	0.00
Target Compounds						
10) Phenol	6.53	94	34695	2.544	ng	Qvalue # 66
49) Dimethylphthalate	9.62	163	90418	4.646	ng	99
70) Phenanthrene	11.43	178	192725	9.556	ng	99
71) Anthracene	11.49	178	63383	3.065	ng	98
74) Fluoranthene	12.63	202	387196	19.106	ng	99
77) Pyrene	12.86	202	382870	22.502	ng	99
80) Benzo(a)anthracene	14.06	228	197665	13.959	ng	98
82) Chrysene	14.10	228	180058	13.096	ng	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	73771	6.777	ng	97
87) Benzo(b)fluoranthene	15.14	252	199213m	18.106	ng	
88) Benzo(k)fluoranthene	15.16	252	56605m	5.463	ng	
89) Benzo(a)pyrene	15.52	252	131340	13.368	ng	# 92
90) Dibenzo(a,h)anthracene	17.13	278	20531	2.704	ng	# 63
91) Benzo(a,h,i)perylene	17.61	276	71637	9.655	ng	# 89

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

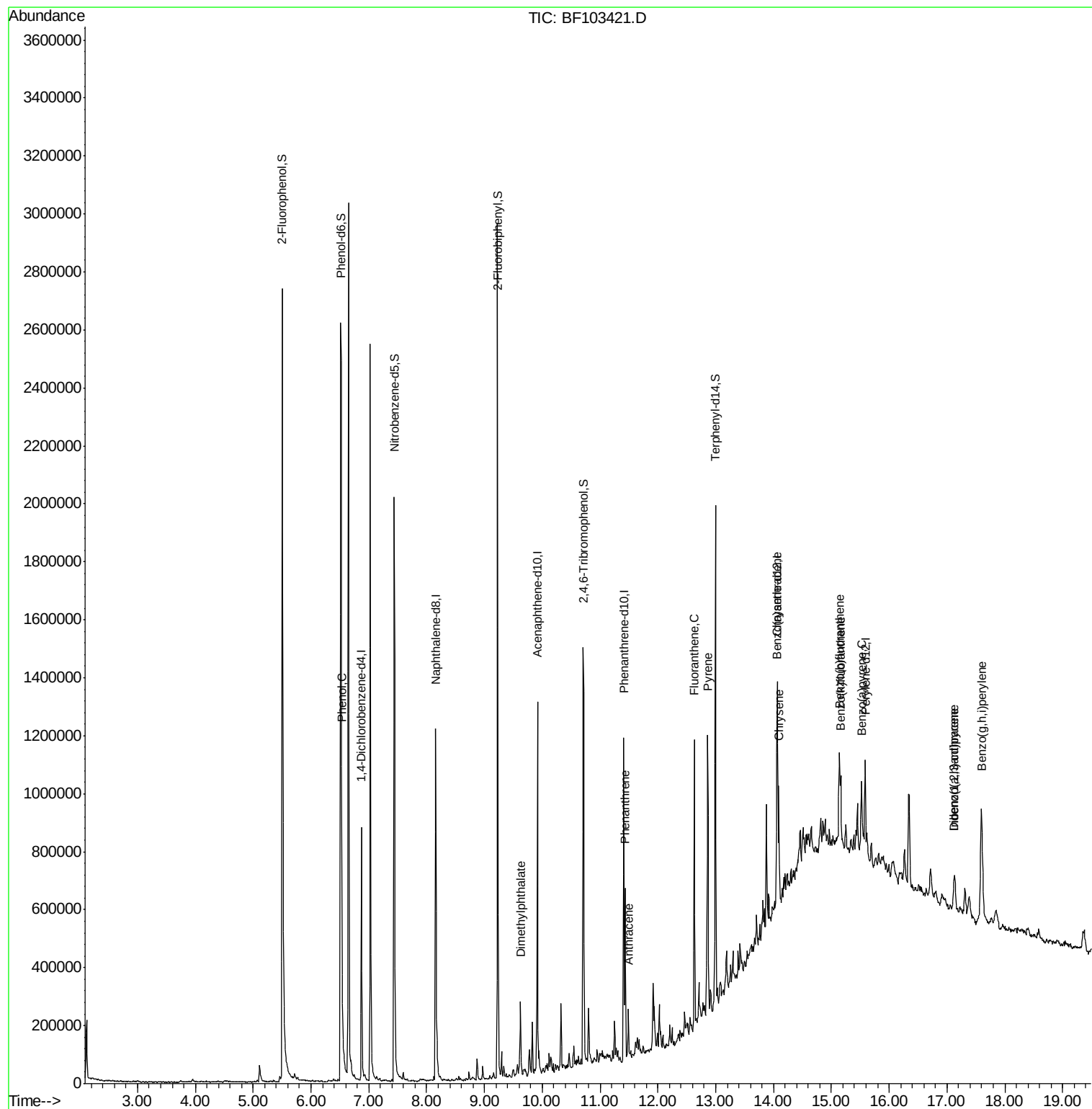
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103421.D
Acq On : 5 Mar 2018 20:56
Operator : SJ/JU
Sample : J1723-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

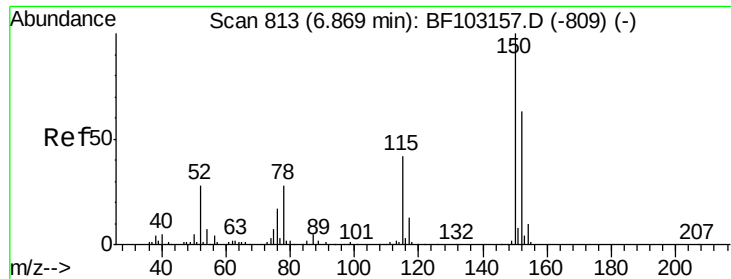
Instrument :
BNA_F
ClientSampled :
SP-2

Manual Integrations
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Quant Time: Mar 06 00:51:20 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

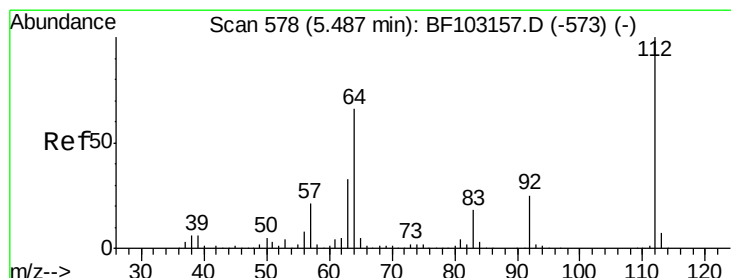
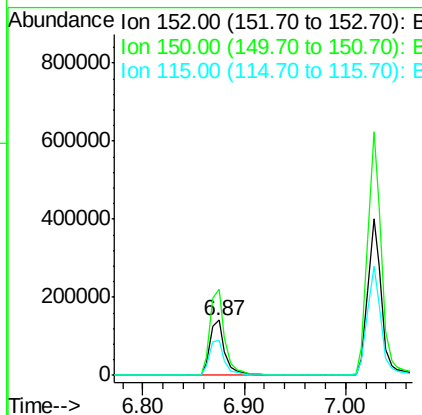
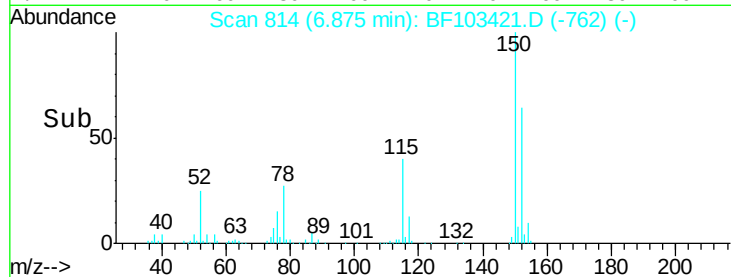
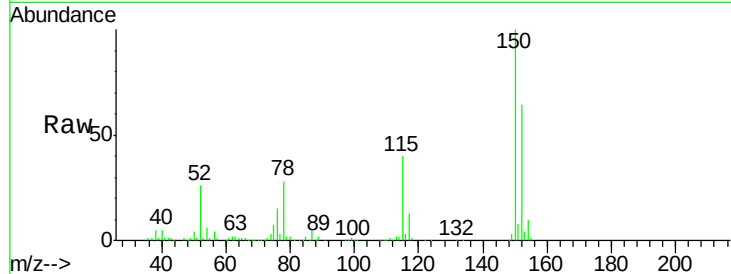
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.8	50.1	75.1

Manual Integrations
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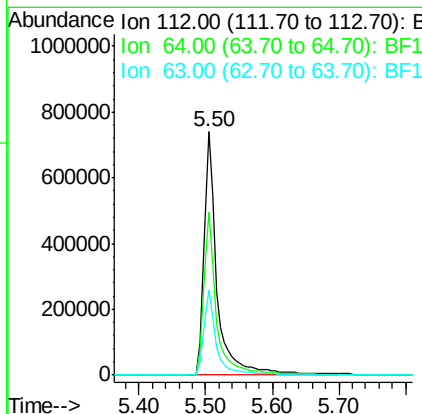
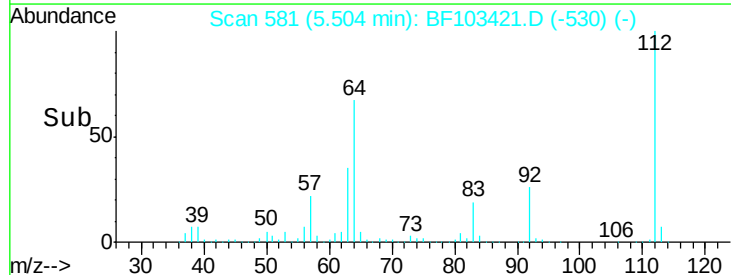
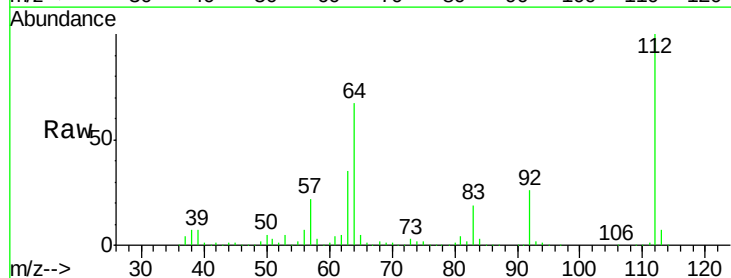
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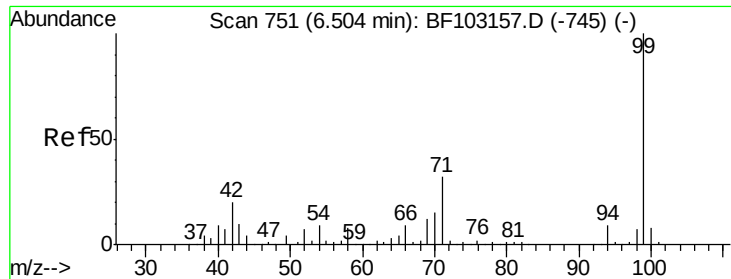


#5

2-Fluorophenol
Concen: 104.573 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

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





#7

Phenol-d6

Concen: 104.096 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103421.D

Acq: 5 Mar 2018 20:56

Instrument :

BNA_F

ClientSampled :

SP-2

Tot Ion: 99 Resp: 1222914

Ion Ratio Lower Upper

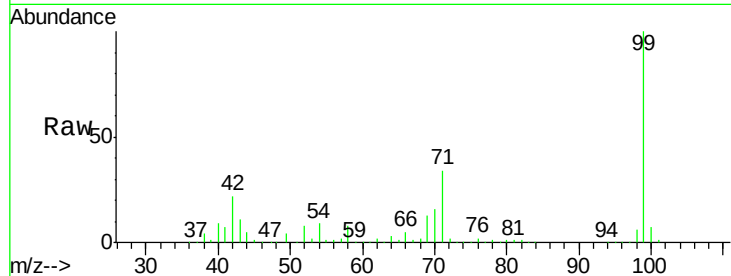
99 100

42 22.1 14.5 21.7#

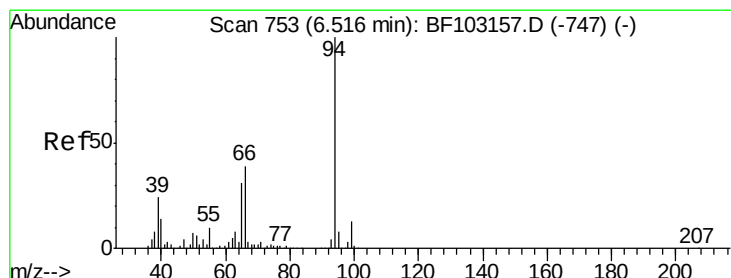
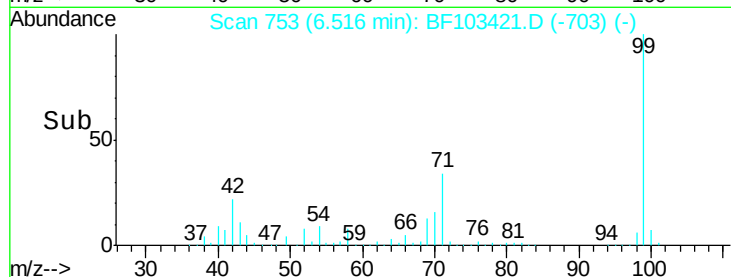
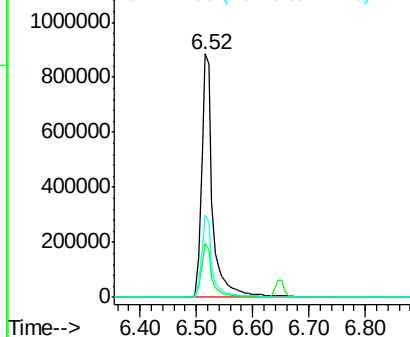
71 33.7 25.4 38.0

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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: 2.544 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103421.D

Acq: 5 Mar 2018 20:56

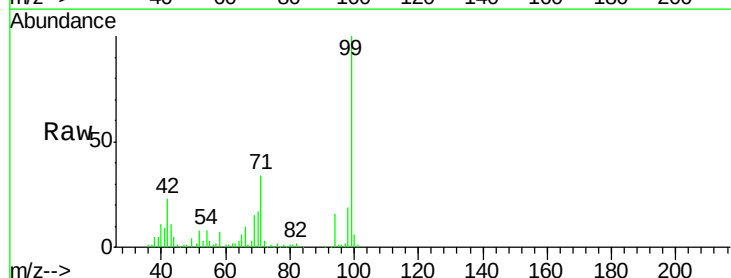
Tgt Ion: 94 Resp: 34695

Ion Ratio Lower Upper

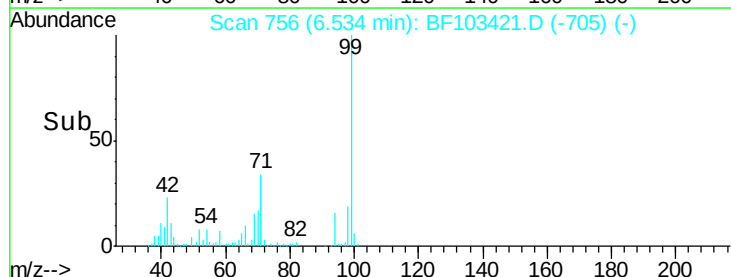
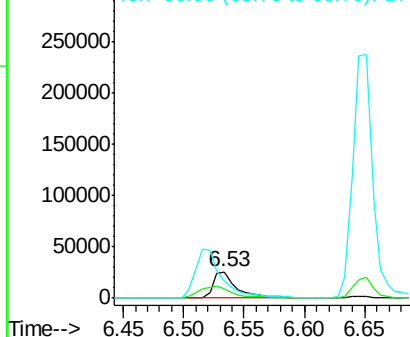
94 100

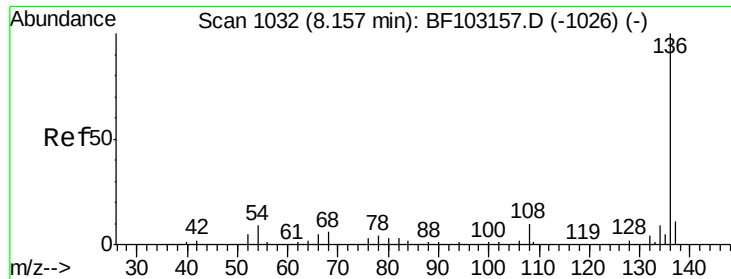
65 35.0 7.9 47.9

66 65.6 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





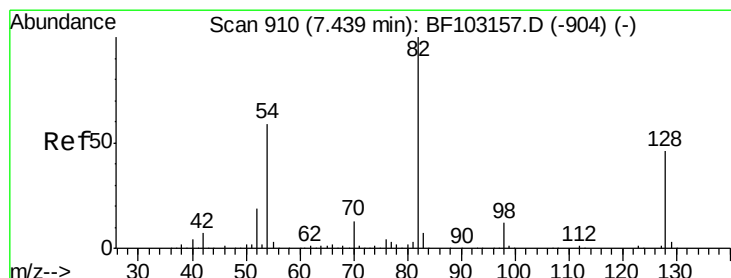
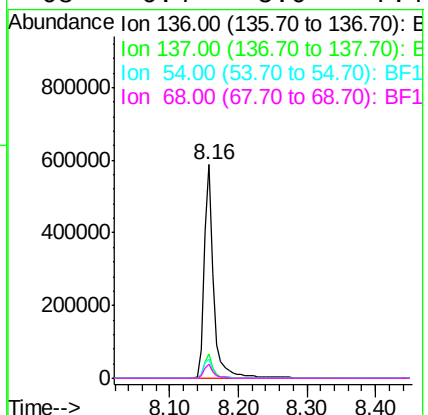
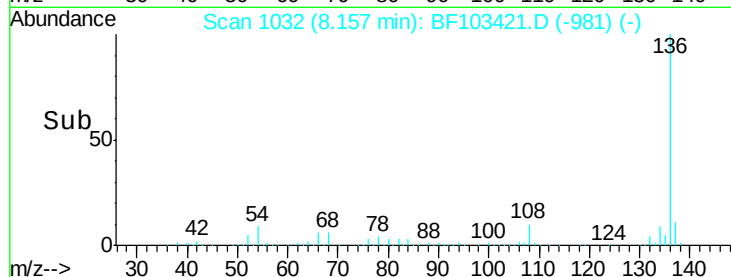
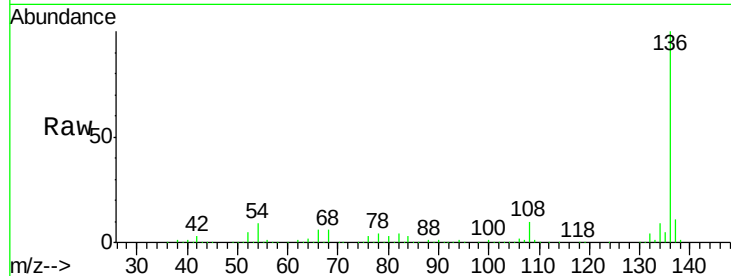
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.4	5.0	7.4

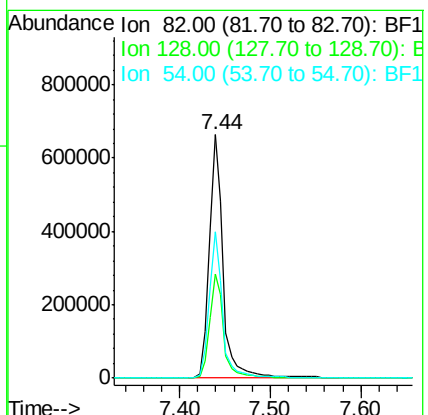
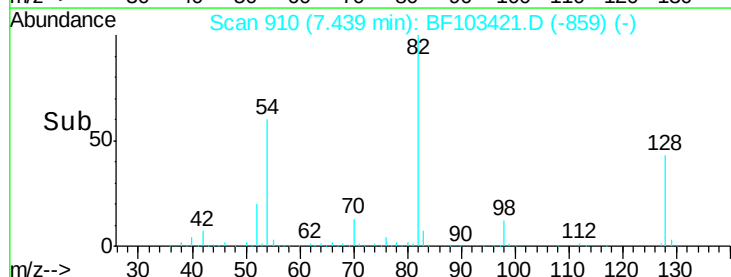
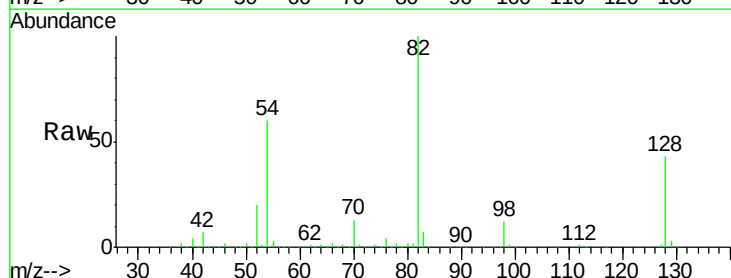
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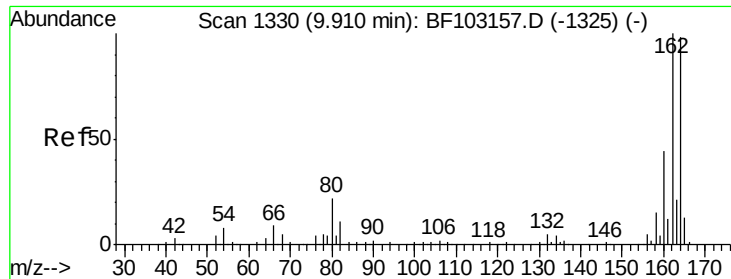
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#23
Nitrobenzene-d5
Concen: 70.737 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	60.3	41.4	62.2





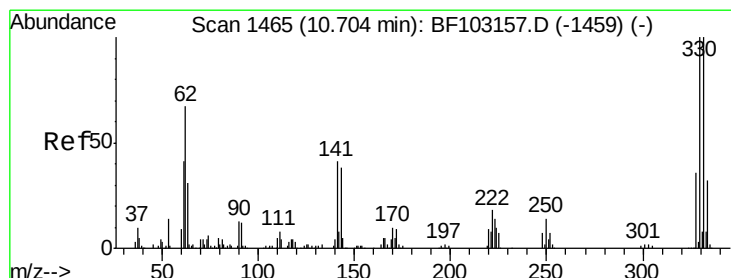
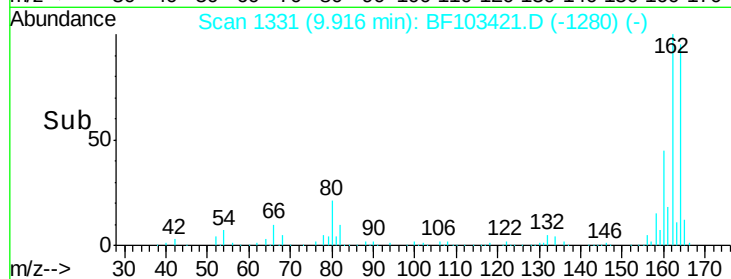
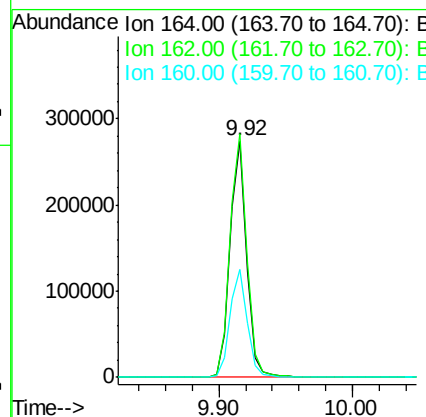
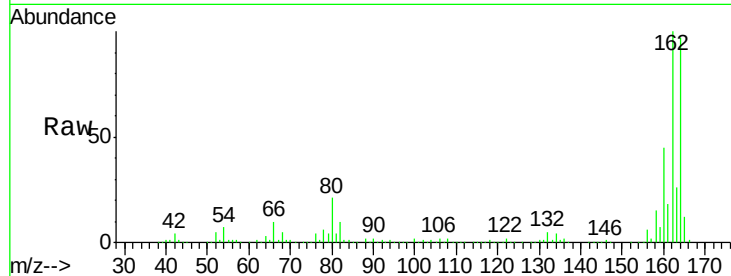
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Resp	Lower	Upper
164	100	242610		
162	103.2	86.1	129.1	
160	46.0	38.3	57.5	

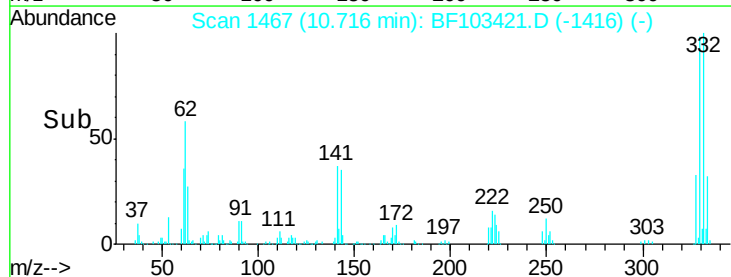
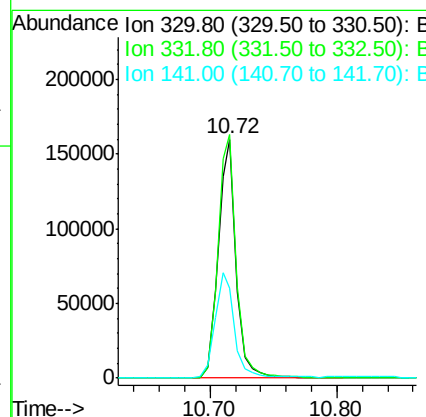
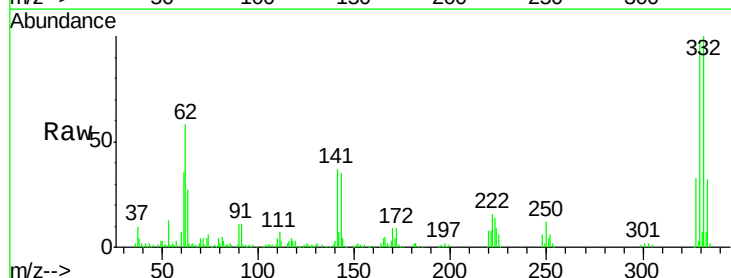
Manual Integrations
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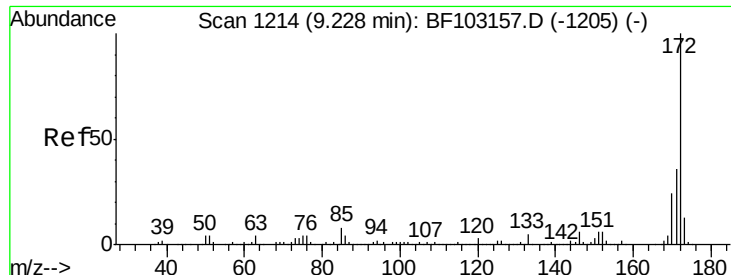
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#41
2,4,6-Tribromophenol
Concen: 77.539 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	159232		
332	104.9	77.0	115.6	
141	47.8	29.9	44.9#	





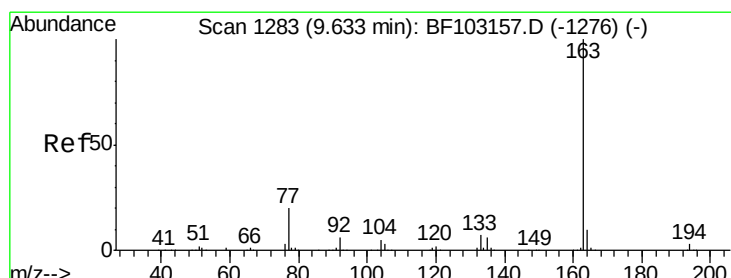
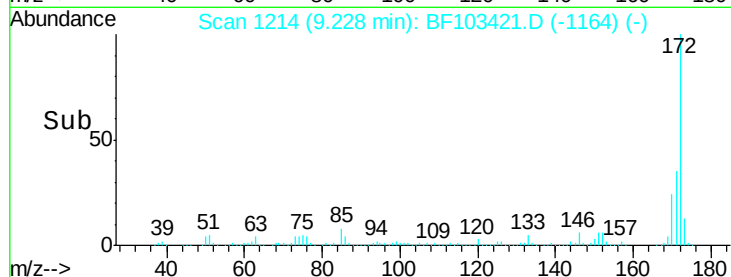
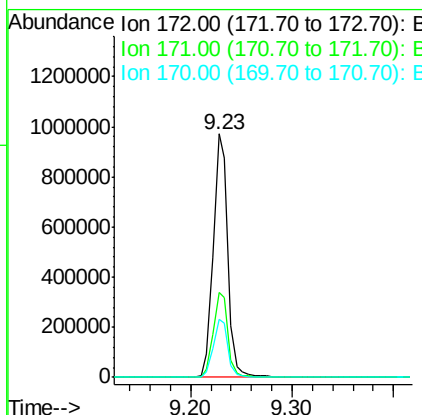
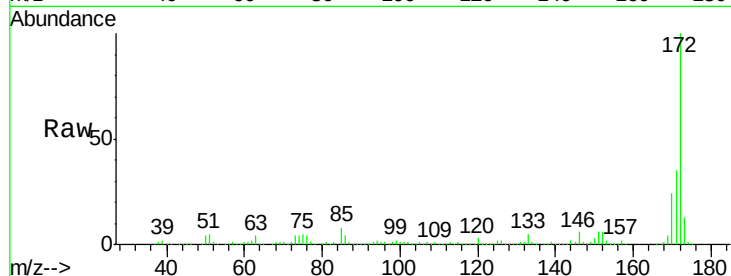
#44
2-Fluorobiphenyl
Concen: 65.258 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.0	19.6	29.4

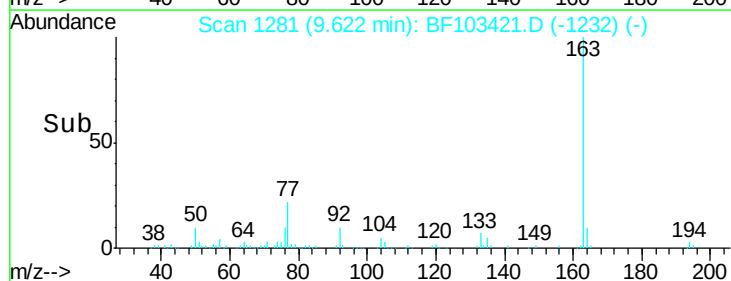
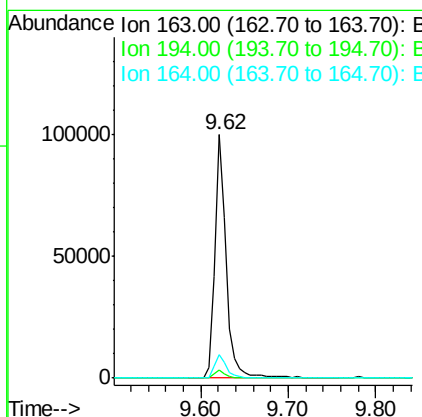
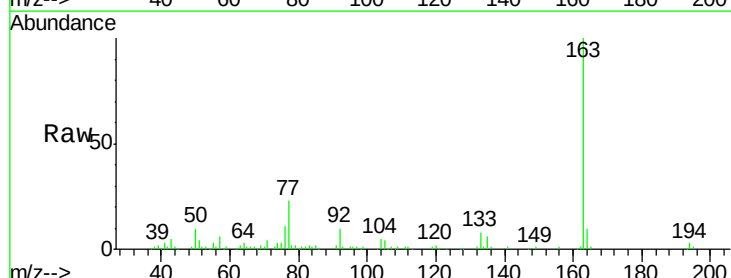
Manual Integrations
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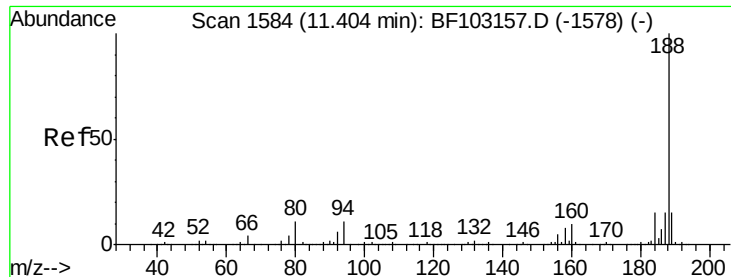
Sohil
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#49
Dimethylphthalate
Concen: 4.646 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2





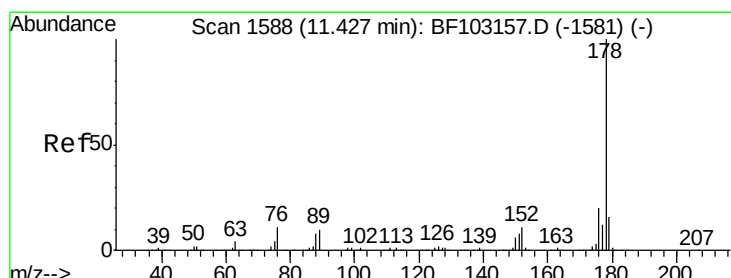
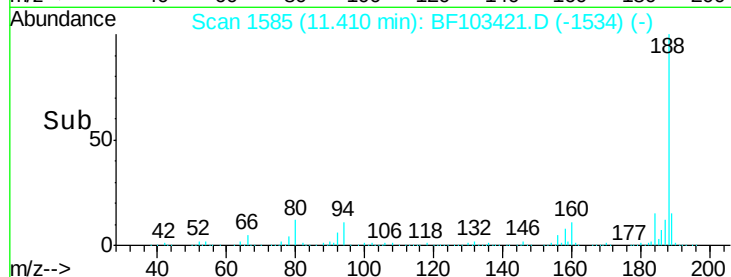
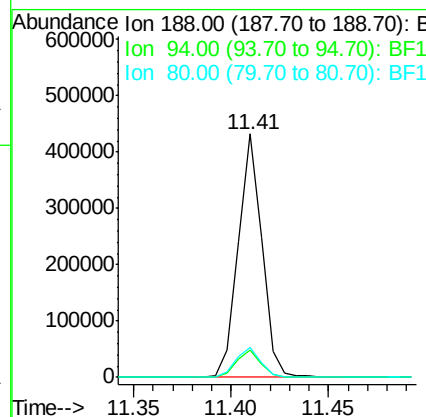
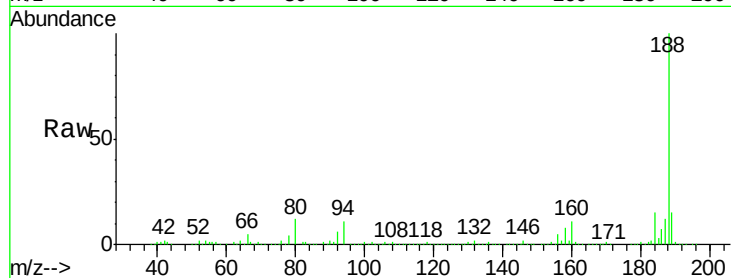
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion:	188	Resp:	366458
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	12.2	9.2	13.8

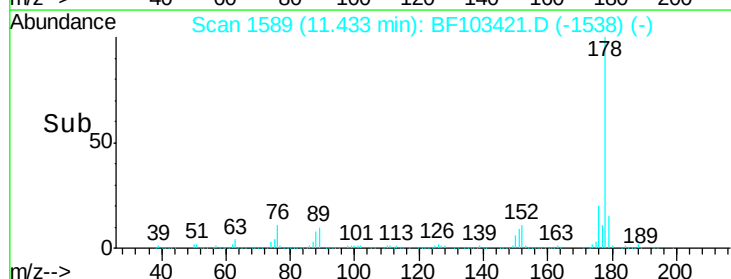
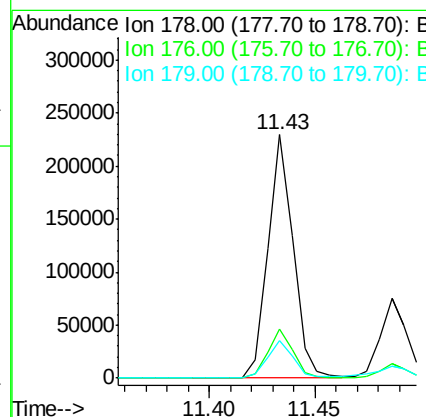
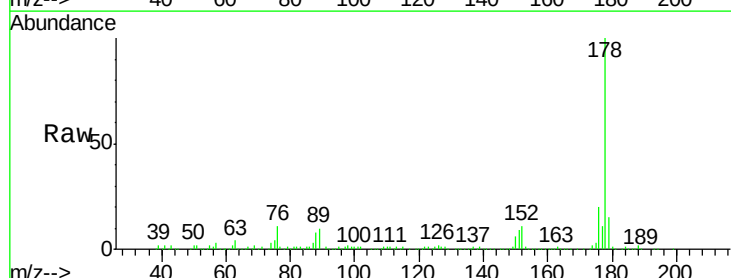
Manual Integrations
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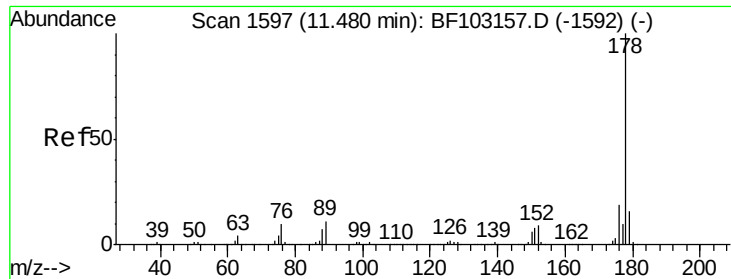
Sohil
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#70
Phenanthrene
Concen: 9.556 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion:	178	Resp:	192725
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.8
179	15.4	13.0	19.6





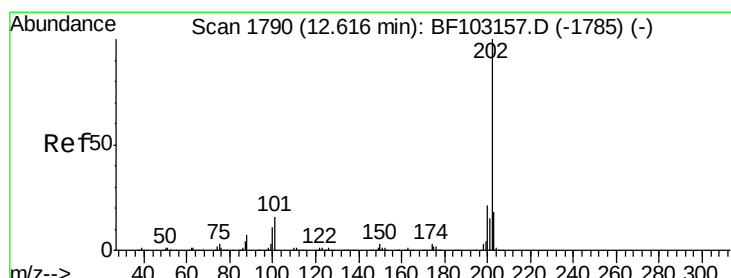
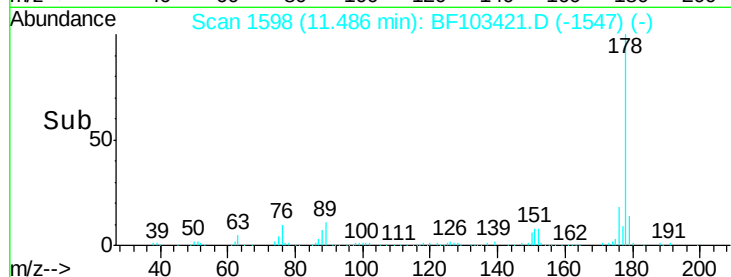
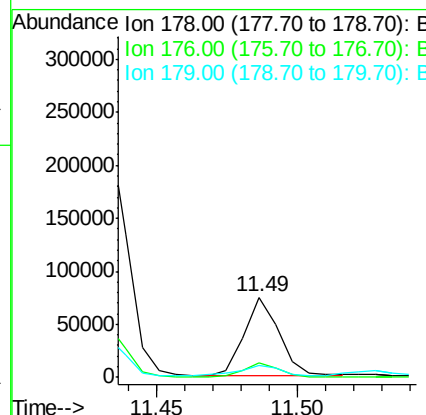
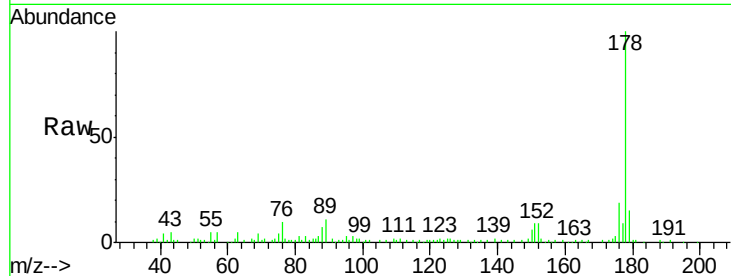
#71
 Anthracene
 Concen: 3.065 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103421.D
 Acq: 5 Mar 2018 20:56

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		63383		
176	18.5	15.4	23.2		
179	14.8	12.6	19.0		

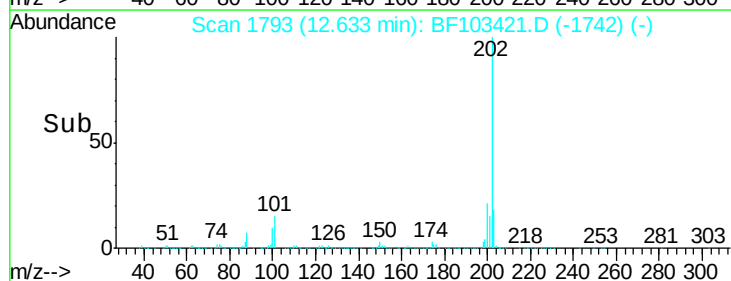
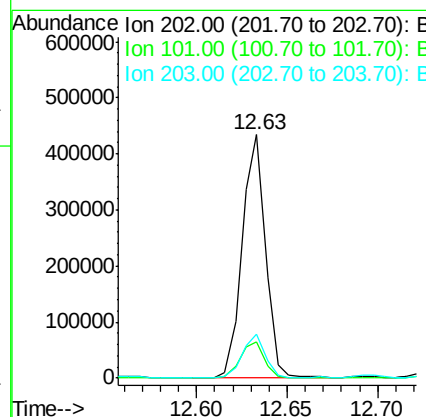
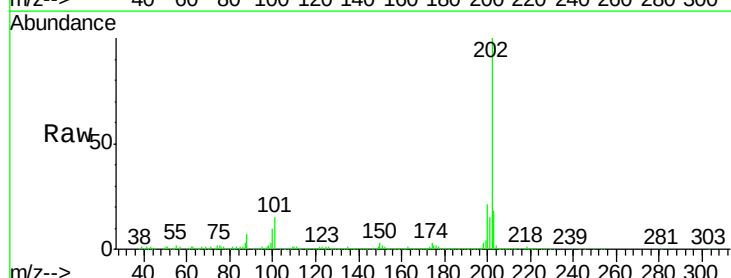
Manual Integrations
 APPROVED

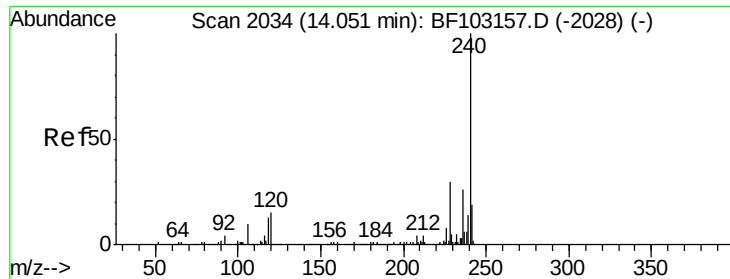
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 3/6/2018 4:23:22 PM



#74
 Fluoranthene
 Concen: 19.106 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF103421.D
 Acq: 5 Mar 2018 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		387196		
101	14.7	0.0	34.1		
203	17.9	0.0	38.1		





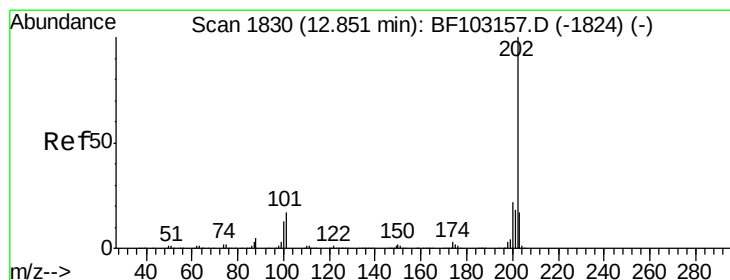
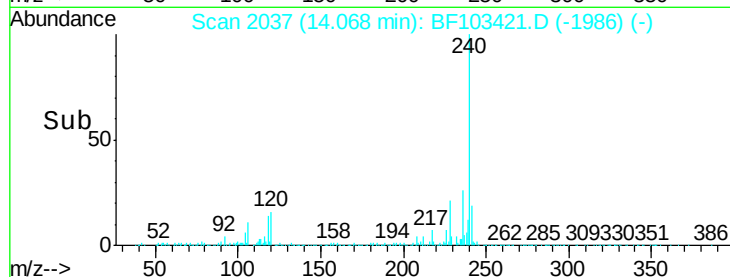
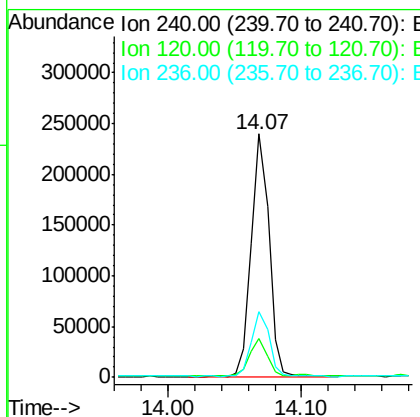
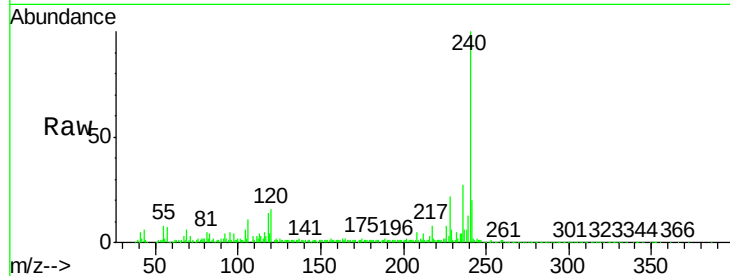
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	26.8	20.7	31.1

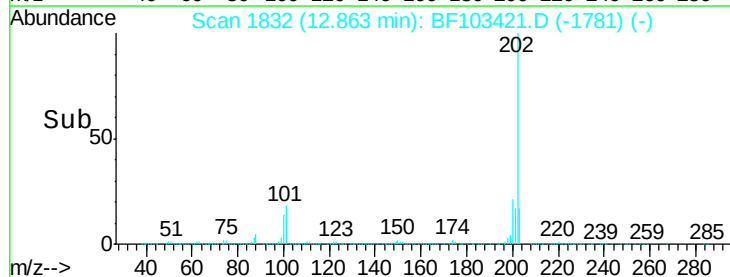
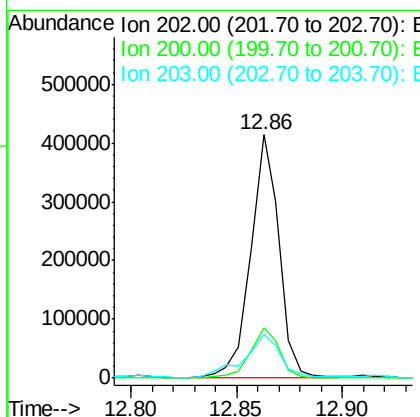
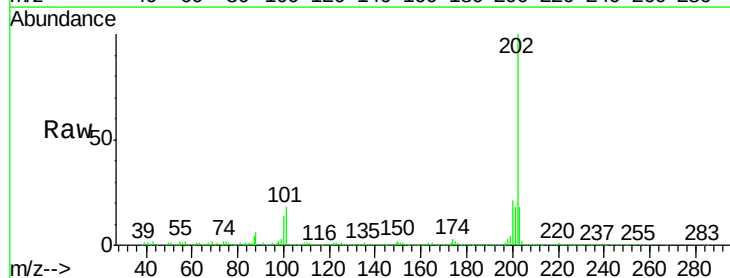
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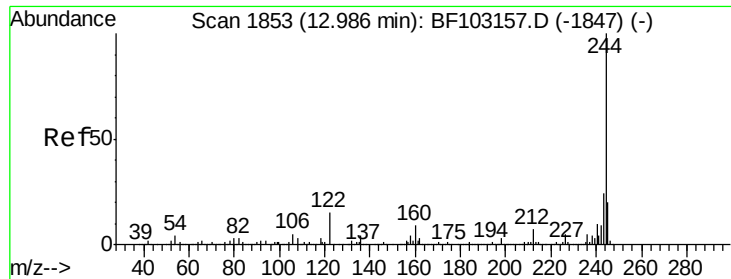
Sohil
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#77
Pyrene
Concen: 22.502 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 70.357 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103421.D

Acq: 5 Mar 2018 20:56

Instrument :

BNA_F

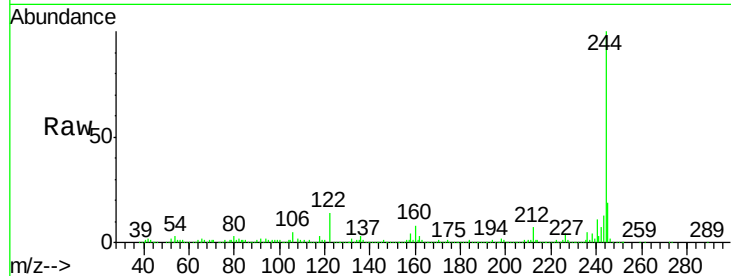
ClientSampled :

SP-2

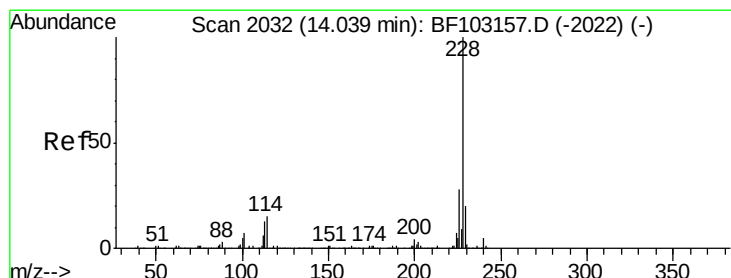
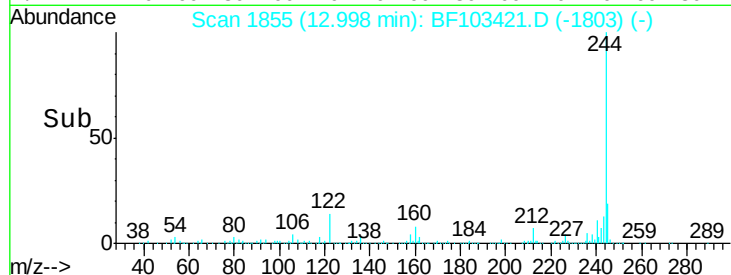
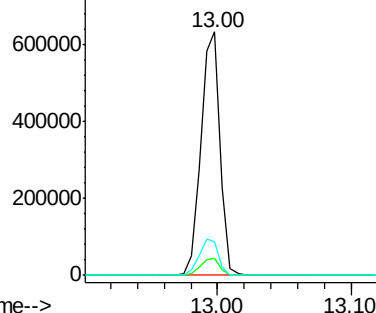
Tot Ion:	244	Resp:	638751
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.8	11.0	16.4

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 13.959 ng

RT: 14.06 min Scan# 2035

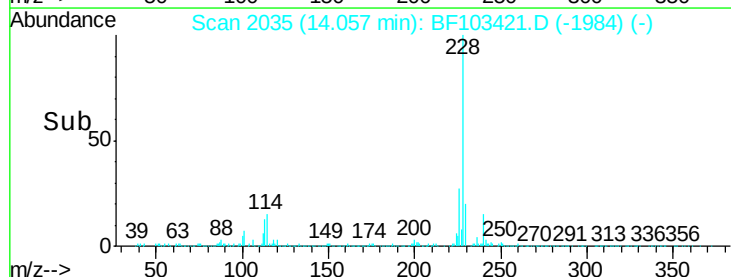
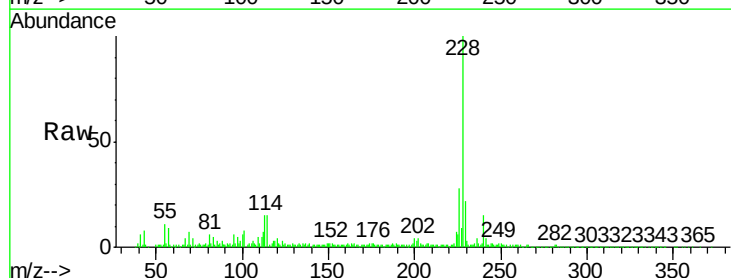
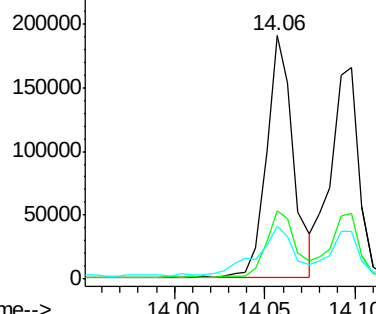
Delta R.T. 0.00 min

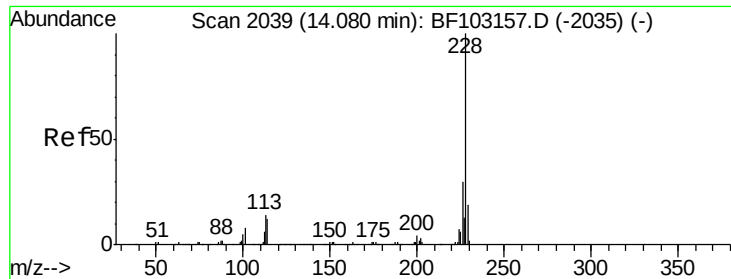
Lab File: BF103421.D

Acq: 5 Mar 2018 20:56

Tgt Ion:	228	Resp:	197665
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	21.7	15.8	23.6

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





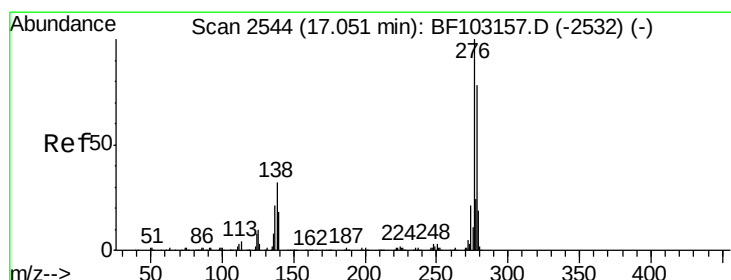
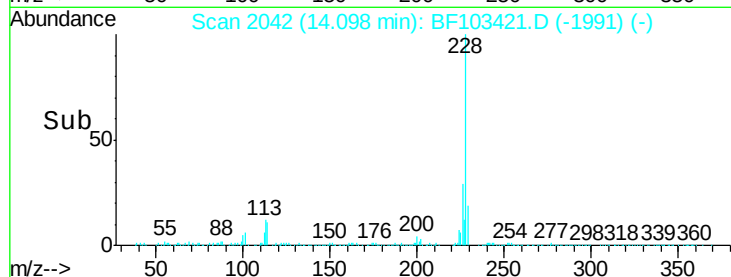
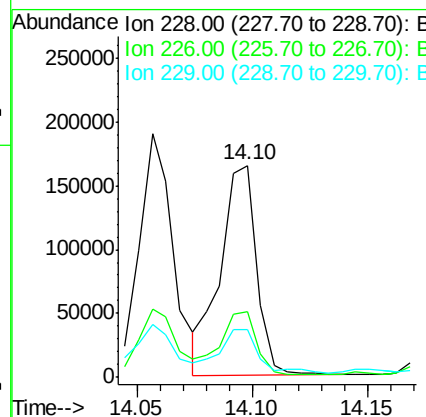
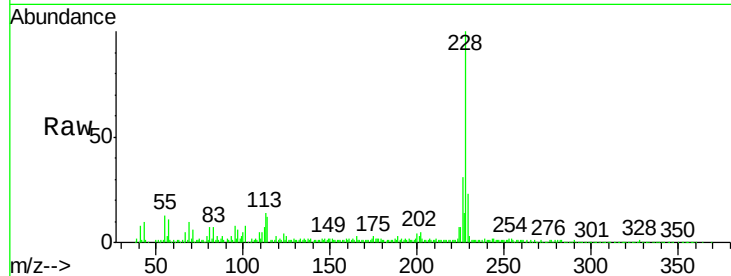
#82
Chrysene
Concen: 13.096 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion:	228	Resp:	180058
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	22.6	16.2	24.4

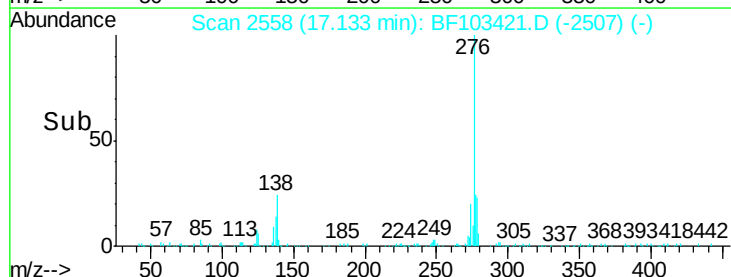
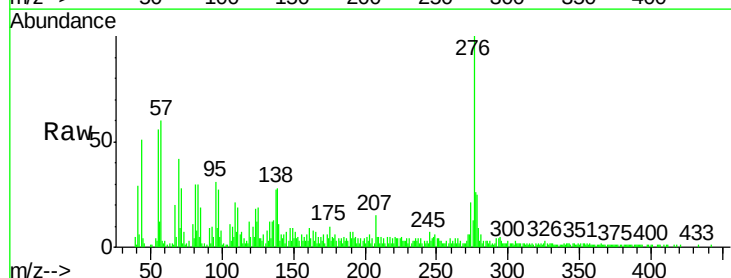
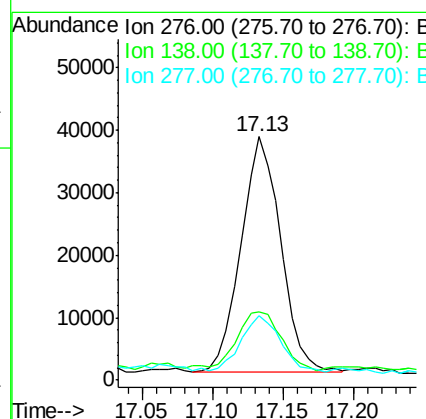
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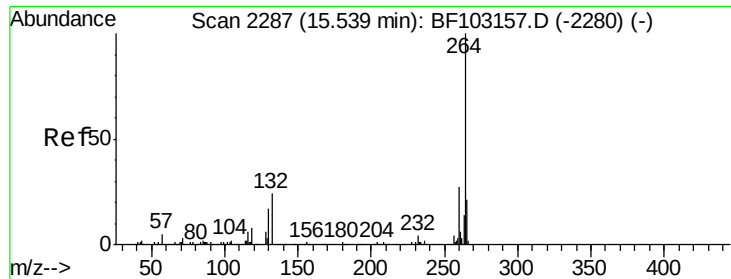
Sohil
3/6/2018 4:23:22 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 6.777 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion:	276	Resp:	73771
Ion Ratio	Lower	Upper	
276	100		
138	29.0	25.0	37.6
277	24.0	20.1	30.1





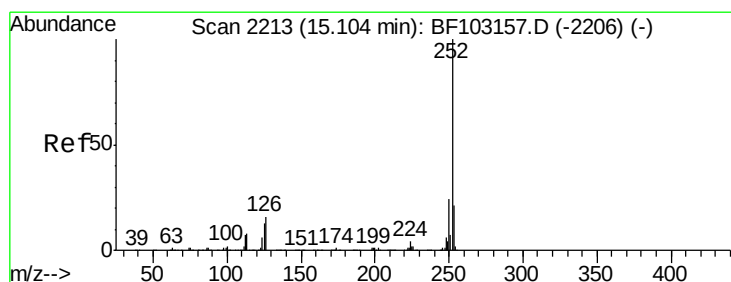
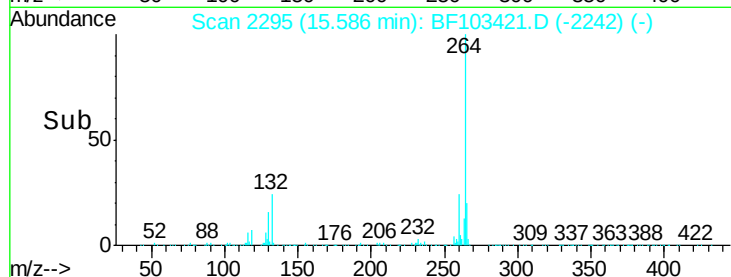
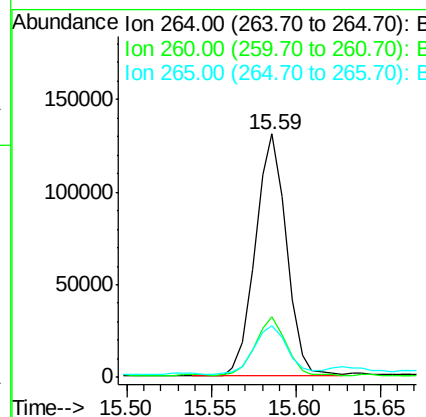
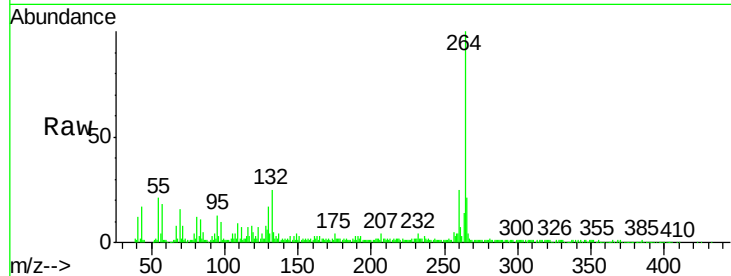
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	20.9	17.5	26.3

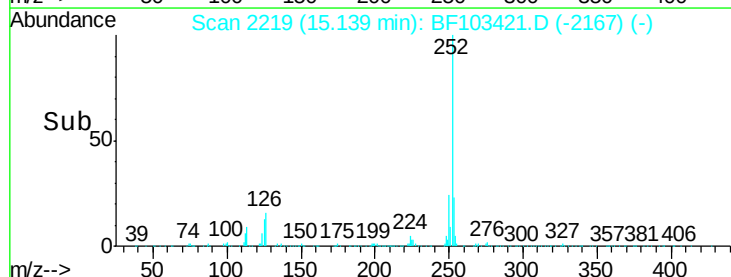
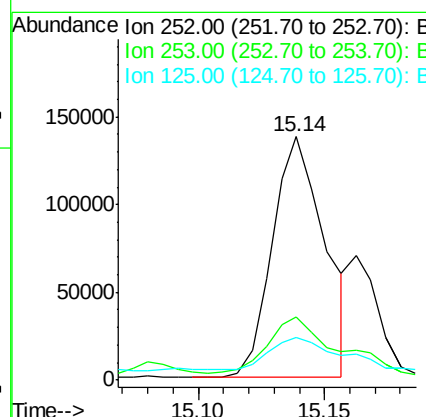
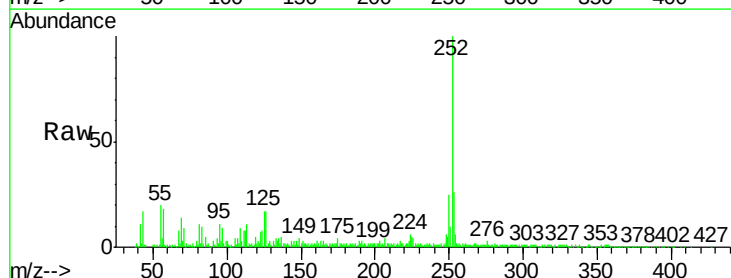
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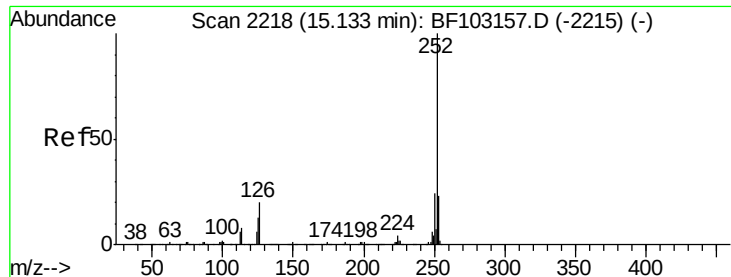
Sohil
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#87
Benzo(b)fluoranthene
Concen: 18.106 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	17.3	9.0	13.6#





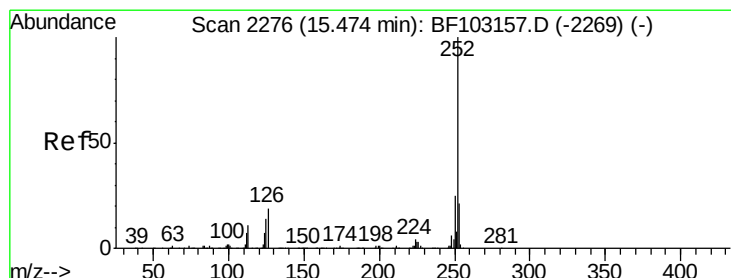
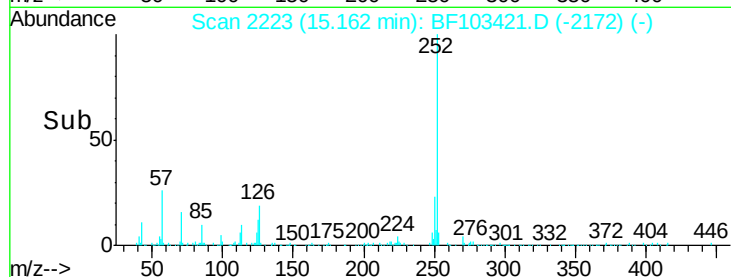
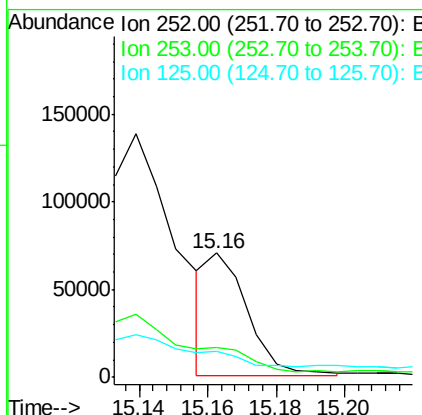
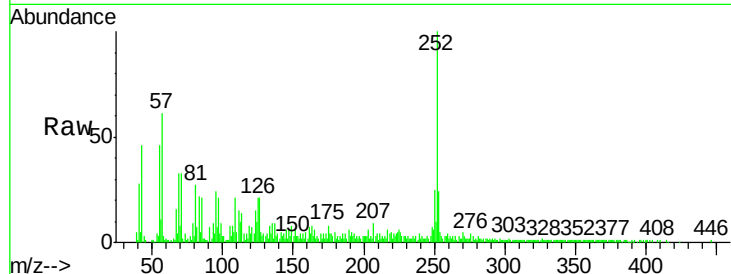
#88
Benzo(k)fluoranthene
Concen: 5.463 ng m
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	20.7	10.2	15.2

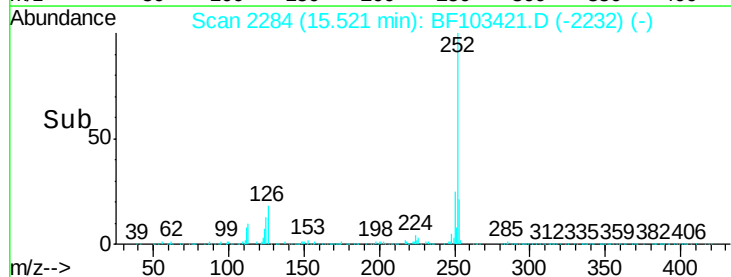
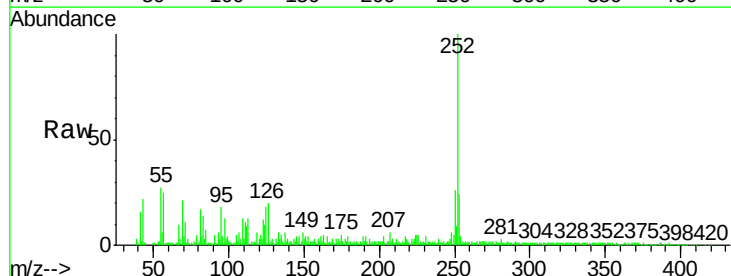
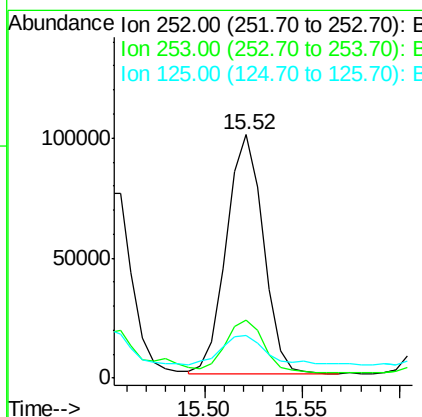
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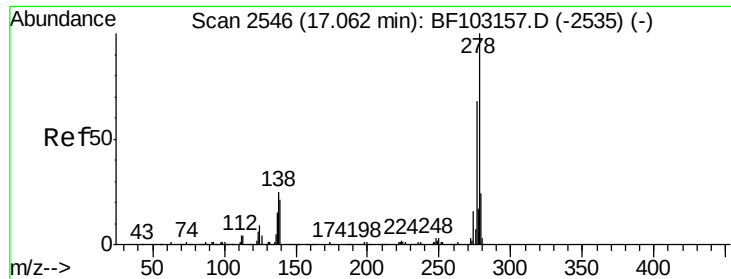
Sohil
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#89
Benzo(a)pyrene
Concen: 13.368 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	17.7	9.8	14.6





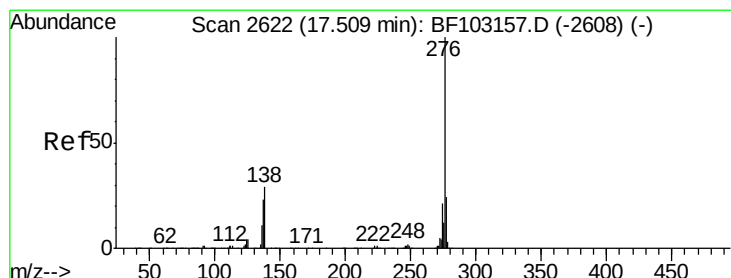
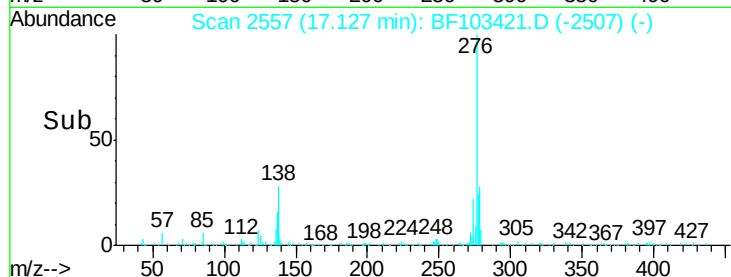
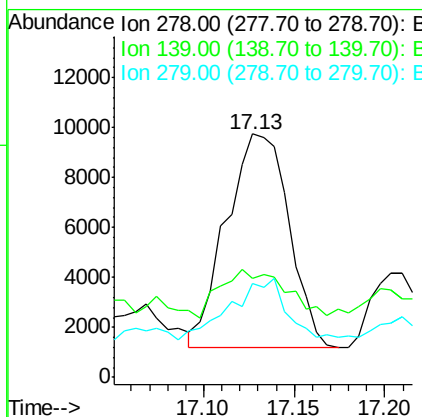
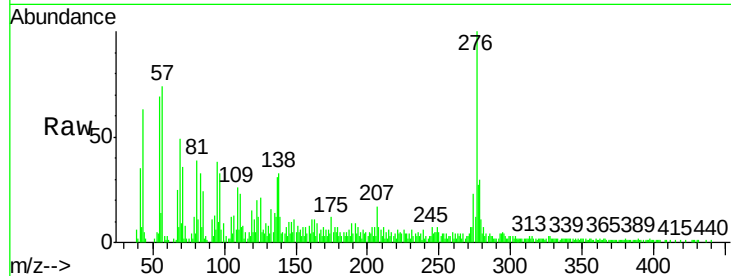
#90
Dibenzo(a,h)anthracene
Concen: 2.704 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.9	15.9	23.9#
279	38.4	19.0	28.4#

Manual Integrations
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3/6/2018 4:23:22 PM



#91
Benzo(g,h,i)perylene
Concen: 9.655 ng
RT: 17.61 min Scan# 2639
Delta R.T. 0.02 min
Lab File: BF103421.D
Acq: 5 Mar 2018 20:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	34.0	21.8	32.8#

