

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103423.D
 Acq On : 5 Mar 2018 21:49
 Operator : SJ/JU
 Sample : J1723-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Manual Integrations
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Sohil
 3/6/2018 4:23:28 PM

Quant Time: Mar 06 00:58:44 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	130625	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	538446	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	216143	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	339795	20.00	ng	0.00
75) Chrysene-d12	14.07	240	206572	20.00	ng	0.00
86) Perylene-d12	15.59	264	158346	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	969547	112.26	ng	0.00
7) Phenol-d6	6.52	99	1152117	109.02	ng	0.00
23) Nitrobenzene-d5	7.44	82	694564	73.67	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	154637	84.52	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	885699	67.09	ng	0.00
78) Terphenyl-d14	13.00	244	616530	71.75	ng	0.00
Target Compounds						
10) Phenol	6.53	94	95072	7.749	ng	86
49) Dimethylphthalate	9.62	163	101210	5.837	ng	# 99
70) Phenanthrene	11.43	178	161131	8.617	ng	99
71) Anthracene	11.49	178	56683	2.956	ng	99
74) Fluoranthene	12.63	202	297655	15.840	ng	97
77) Pyrene	12.86	202	277634	17.238	ng	99
80) Benzo(a)anthracene	14.06	228	136230	10.164	ng	98
82) Chrysene	14.09	228	122805	9.436	ng	98
85) Indeno(1,2,3-cd)pyrene	17.14	276	51685	5.017	ng	93
87) Benzo(b)fluoranthene	15.14	252	142673m	13.704	ng	
88) Benzo(k)fluoranthene	15.16	252	45641m	4.655	ng	
89) Benzo(a)pyrene	15.52	252	93295	10.035	ng	# 88
91) Benzo(a,h,i)perylene	17.62	276	50552	7.200	ng	96

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

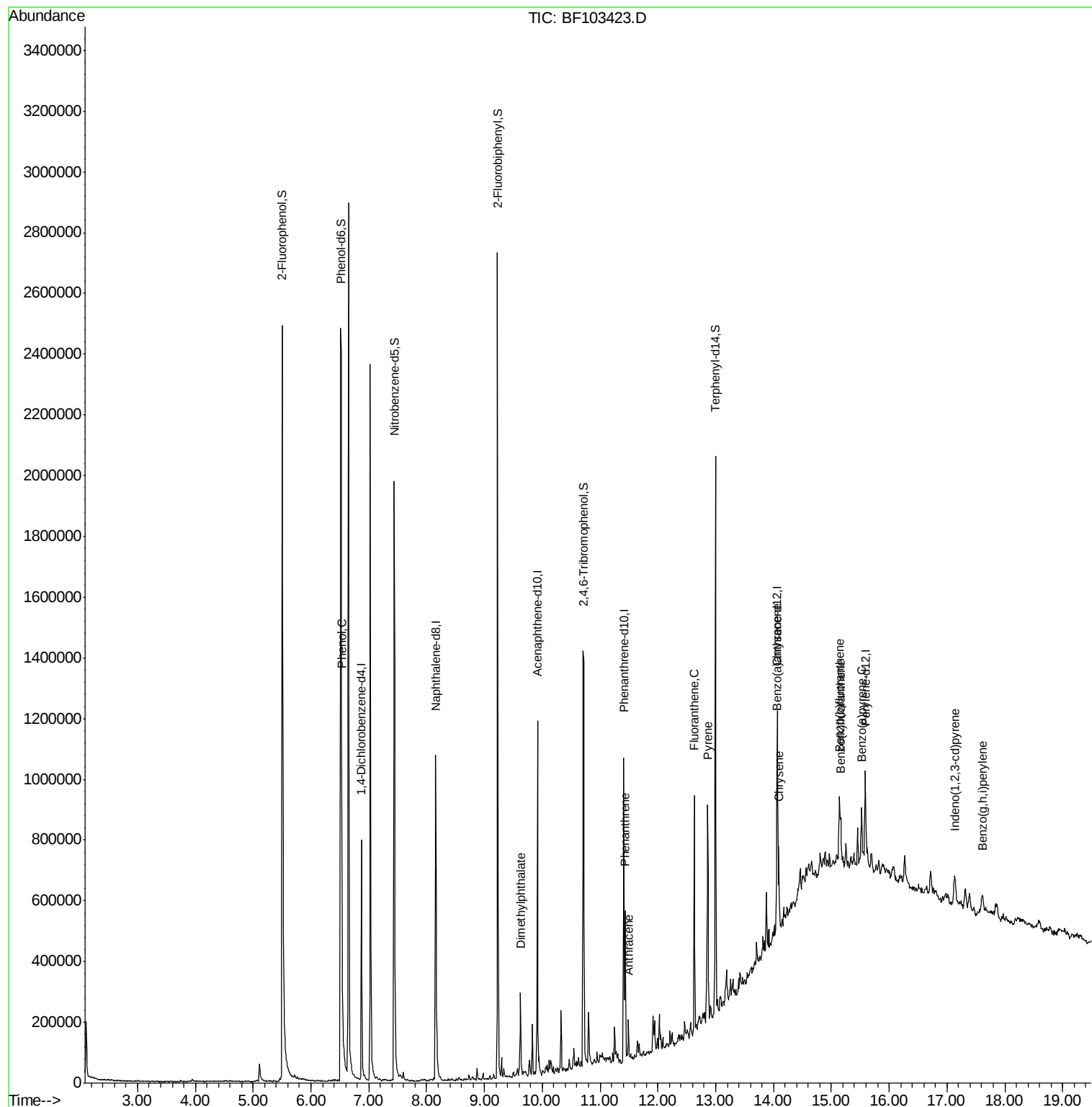
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103423.D
Acq On : 5 Mar 2018 21:49
Operator : SJ/JU
Sample : J1723-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

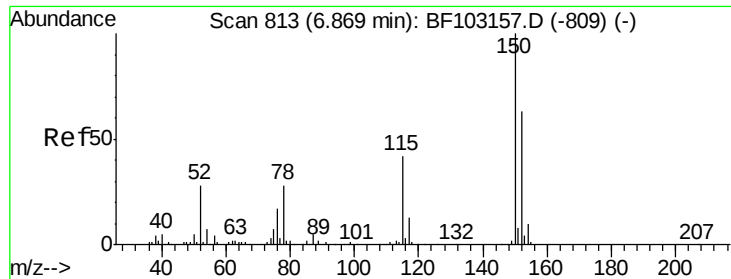
Instrument :
BNA_F
ClientSampled :
SP-3

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Quant Time: Mar 06 00:58:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

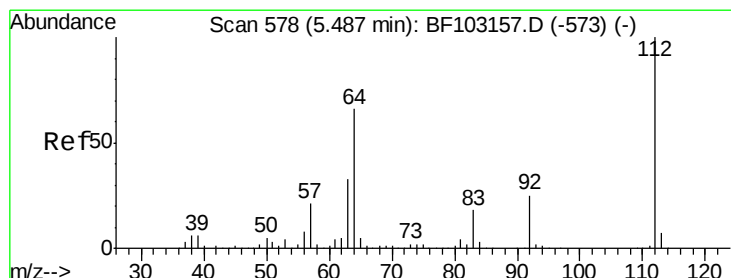
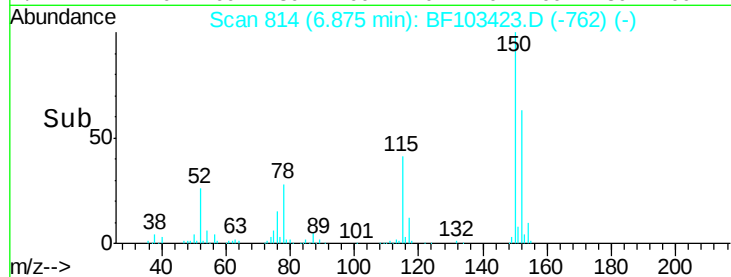
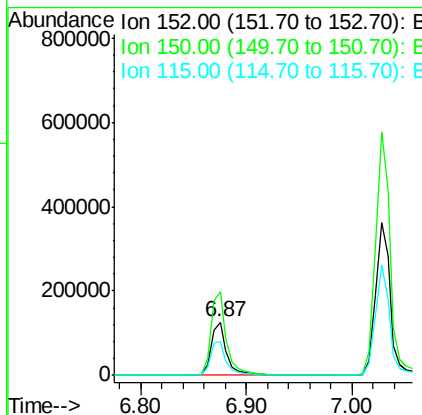
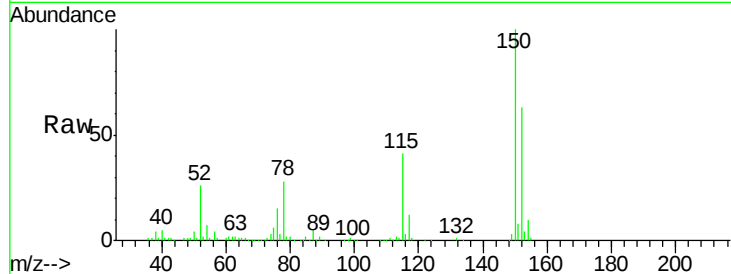
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	64.9	50.1	75.1

Manual Integrations
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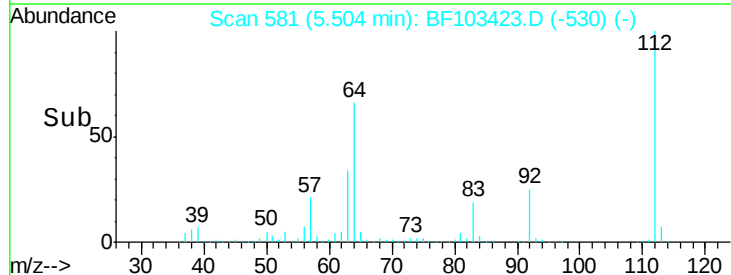
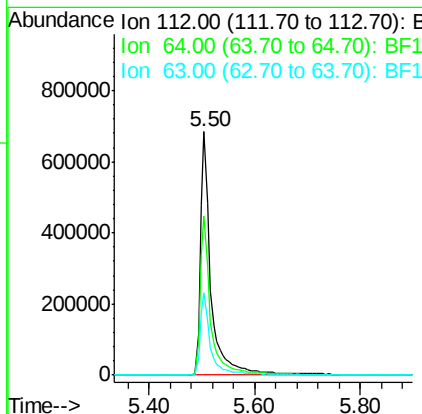
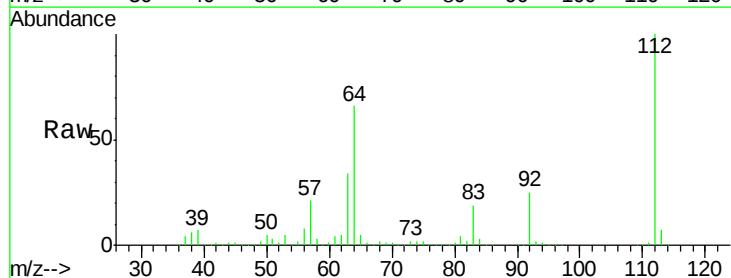
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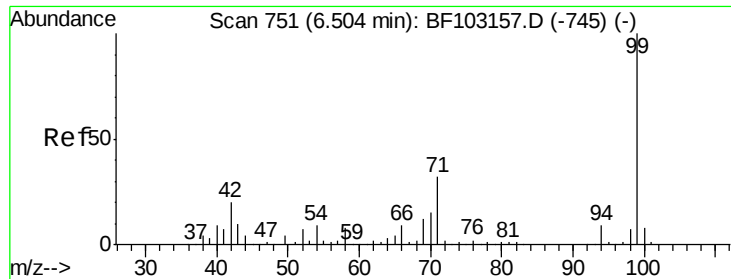


#5

2-Fluorophenol
Concen: 112.258 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.9	23.7	35.5





#7

Phenol-d6

Concen: 109.015 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103423.D

Acq: 5 Mar 2018 21:49

Instrument :

BNA_F

ClientSampled :

SP-3

Tot Ion: 99 Resp: 1152117

Ion Ratio Lower Upper

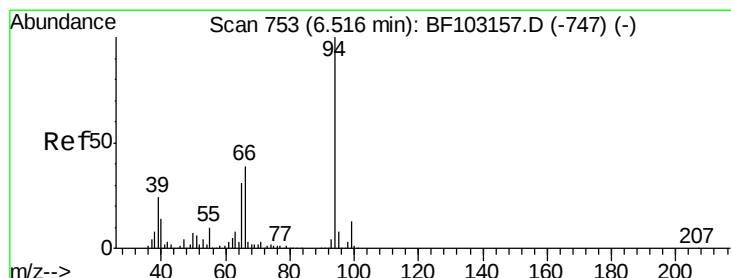
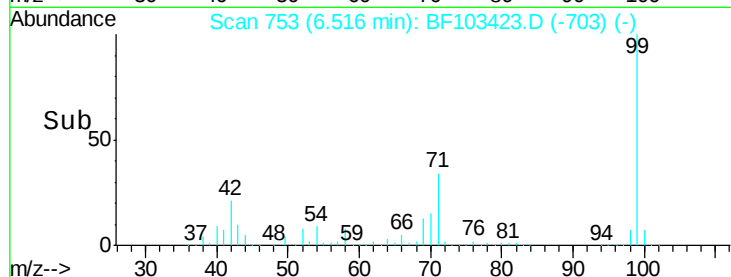
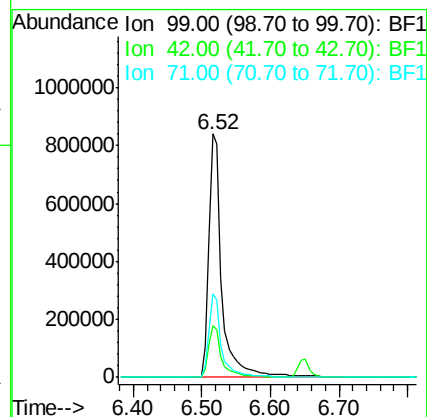
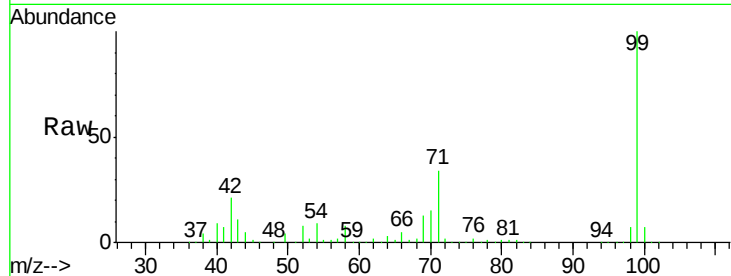
99 100

42 21.3 14.5 21.7

71 34.2 25.4 38.0

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#10

Phenol

Concen: 7.749 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103423.D

Acq: 5 Mar 2018 21:49

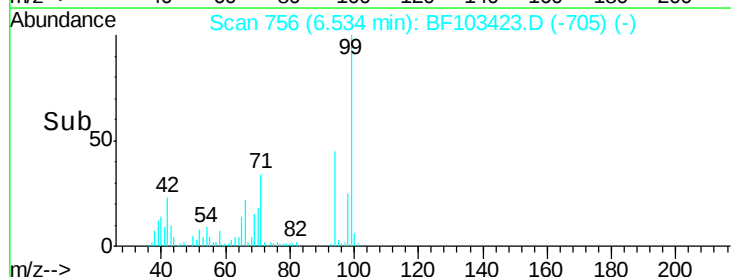
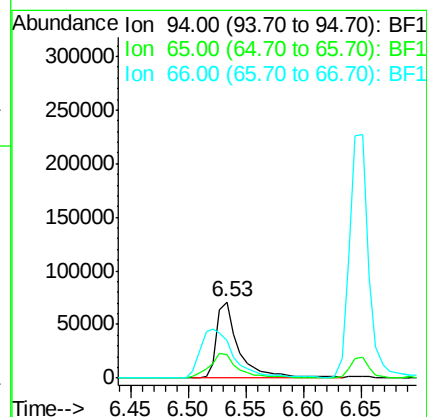
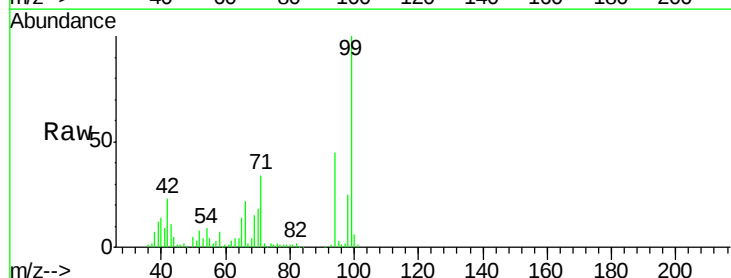
Tgt Ion: 94 Resp: 95072

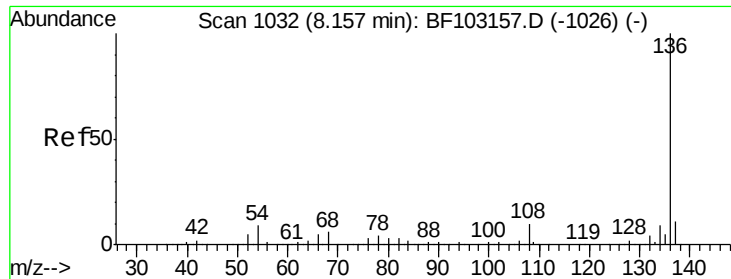
Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 48.6 16.2 56.2





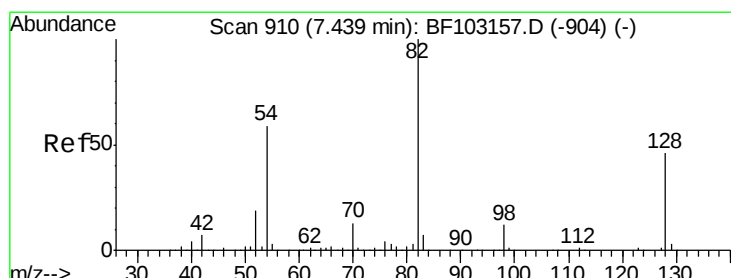
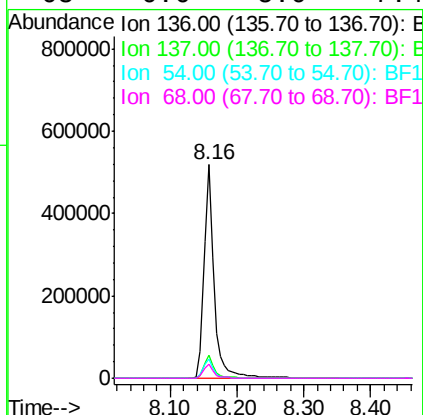
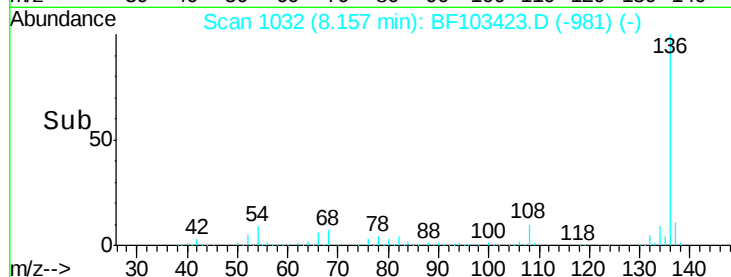
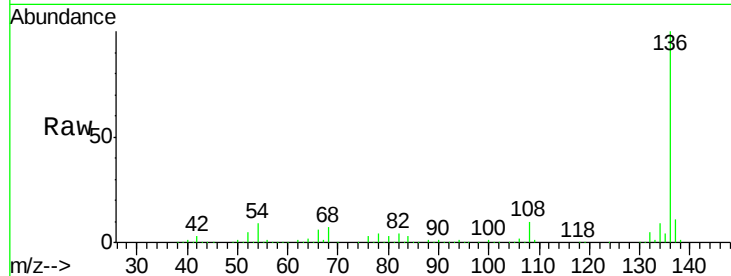
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.6		8.9	13.3	
54	9.3		6.6	9.8	
68	6.6		5.0	7.4	

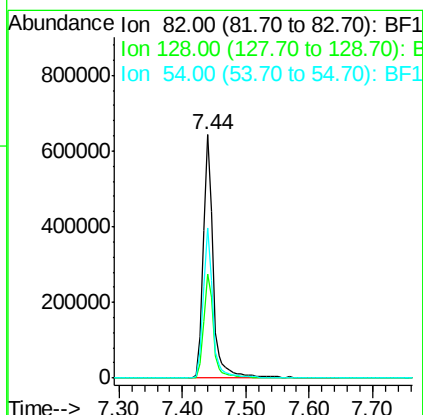
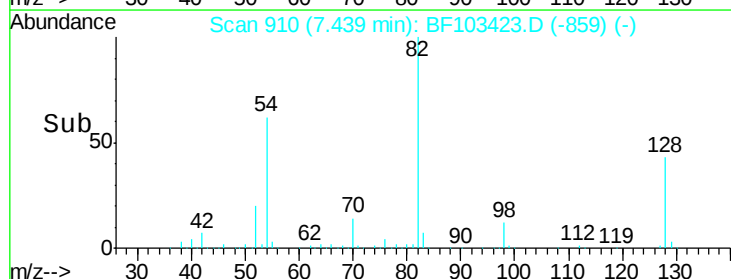
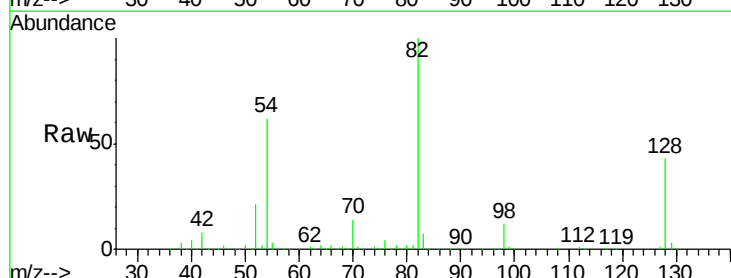
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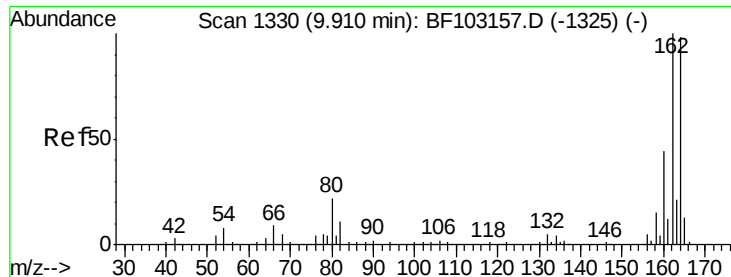
Sohil
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#23
Nitrobenzene-d5
Concen: 73.667 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	42.7		36.1	54.1	
54	61.7		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: BF103423.D

Acq: 5 Mar 2018 21:49

Instrument :

BNA_F

ClientSampleId :

SP-3

Tot Ion:164 Resp: 216143

Ion Ratio Lower Upper

164 100

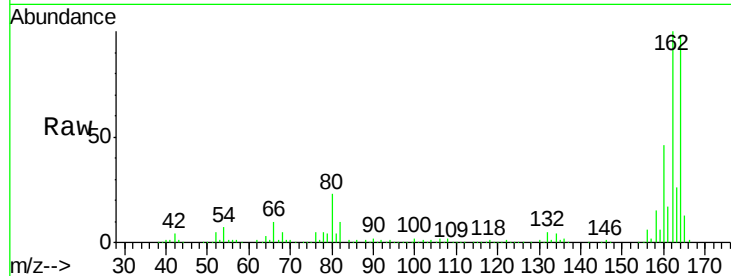
162 101.8 86.1 129.1

160 46.4 38.3 57.5

Manual Integrations
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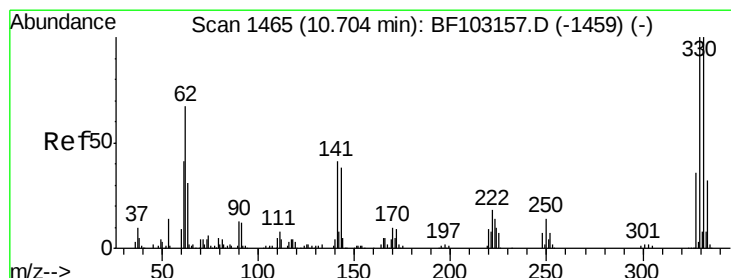
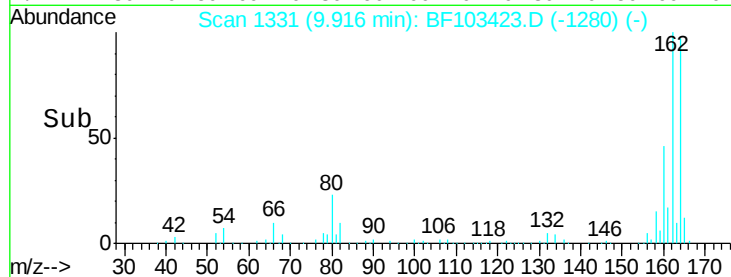
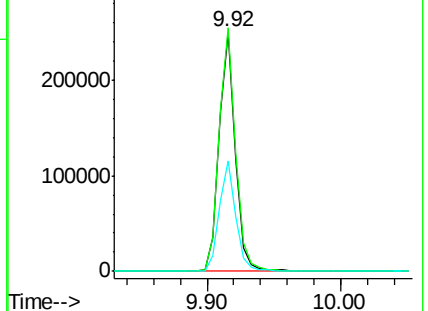
3/6/2018 4:23:28 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 84.523 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF103423.D

Acq: 5 Mar 2018 21:49

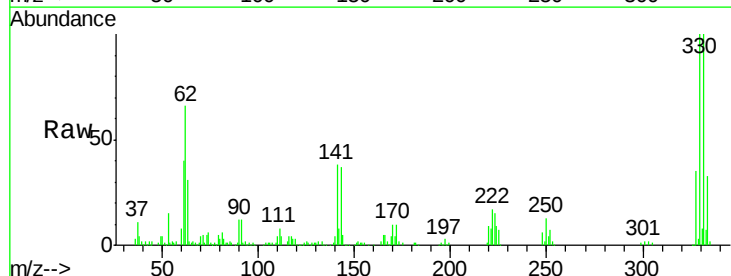
Tgt Ion:330 Resp: 154637

Ion Ratio Lower Upper

330 100

332 101.5 77.0 115.6

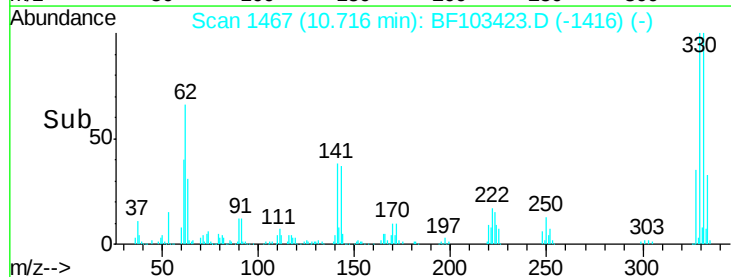
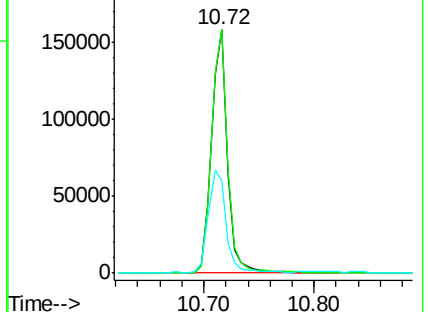
141 46.2 29.9 44.9#

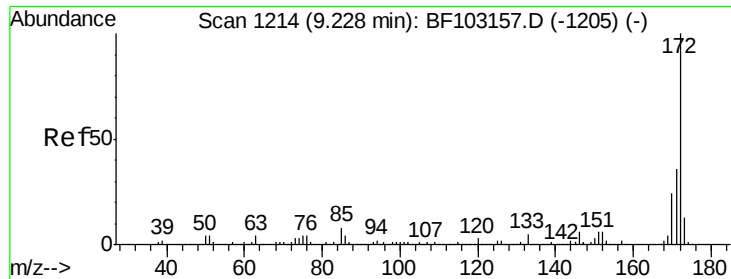


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





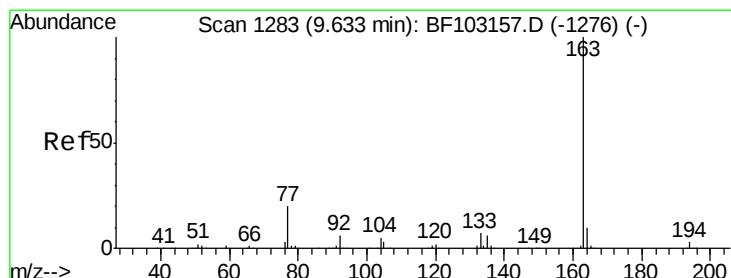
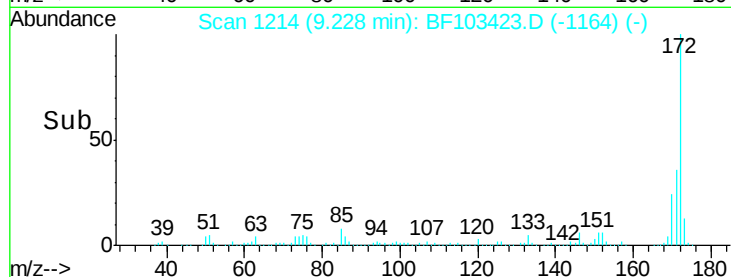
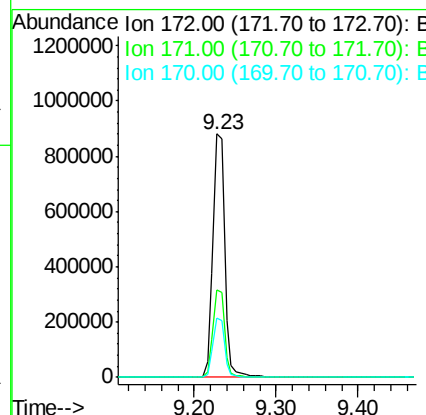
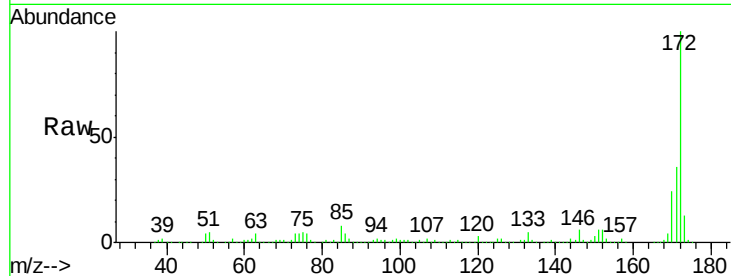
#44
 2-Fluorobiphenyl
 Concen: 67.086 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103423.D
 Acq: 5 Mar 2018 21:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

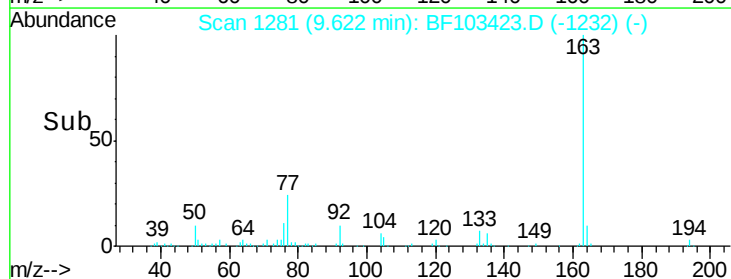
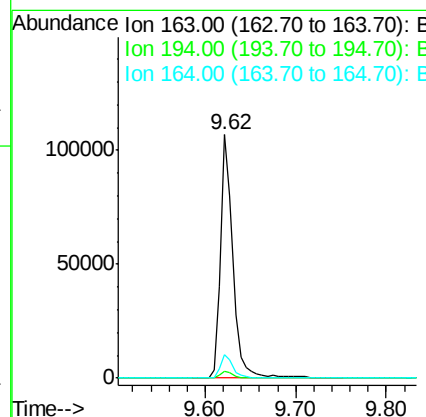
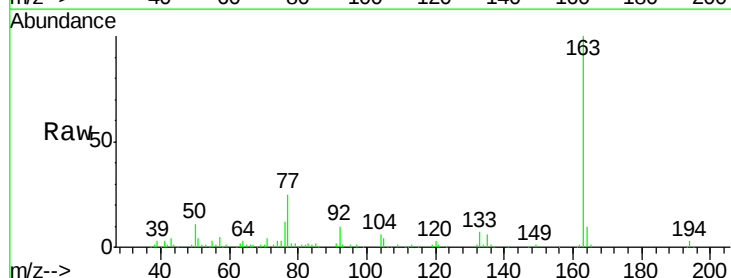
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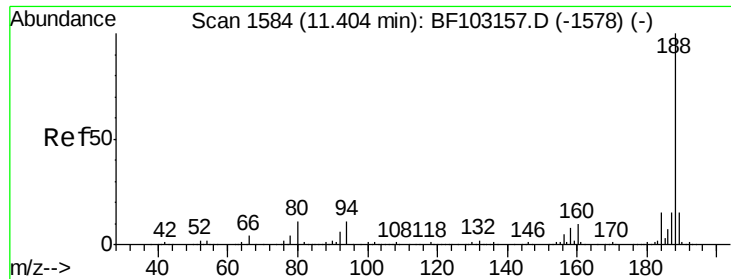
Sohil
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#49
 Dimethylphthalate
 Concen: 5.837 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF103423.D
 Acq: 5 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.7	4.1#
164	9.9	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: BF103423.D

Acq: 5 Mar 2018 21:49

Instrument :

BNA_F

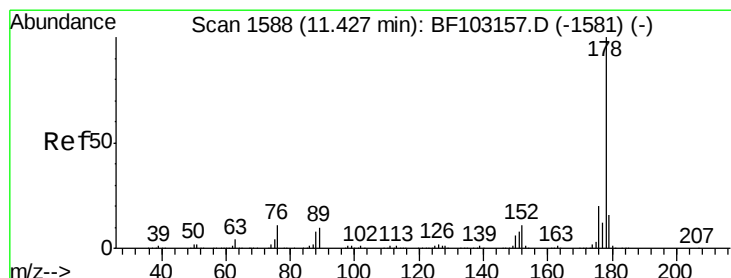
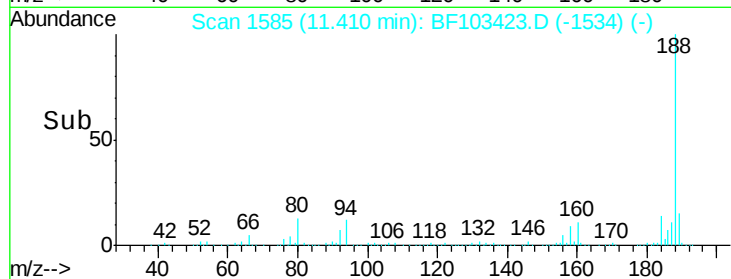
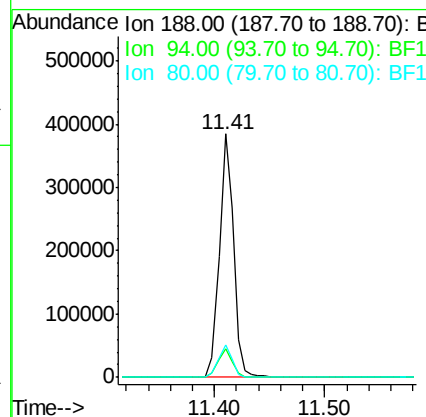
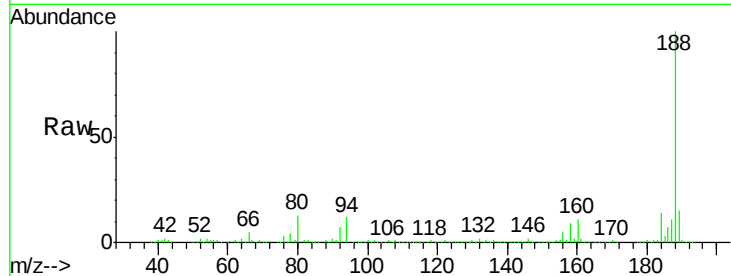
ClientSampled :

SP-3

Tot Ion:	188	Resp:	339795
Ion Ratio	Lower	Upper	
188	100		
94	11.7	8.5	12.7
80	13.2	9.2	13.8

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#70

Phenanthrene

Concen: 8.617 ng

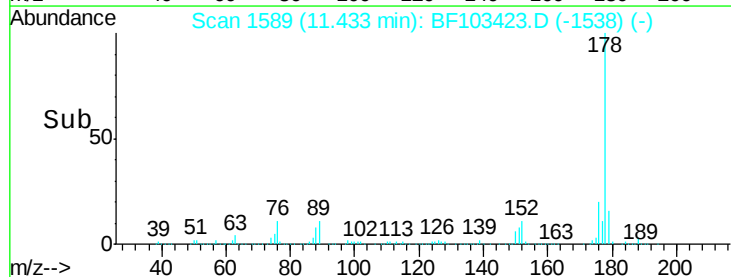
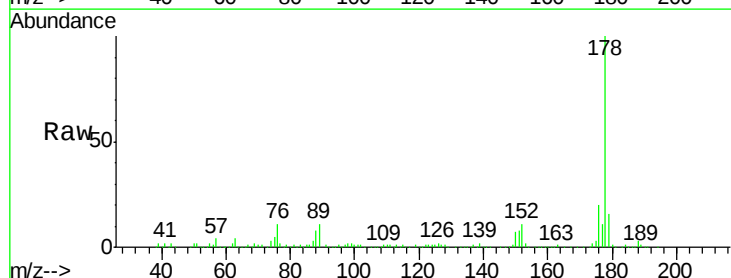
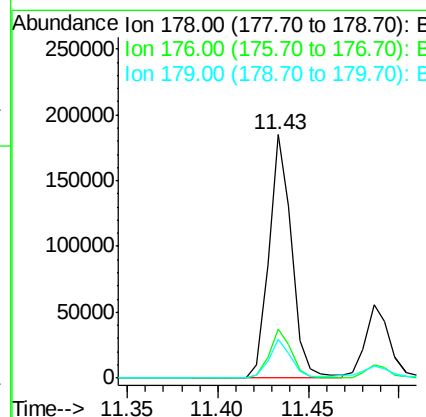
RT: 11.43 min Scan# 1589

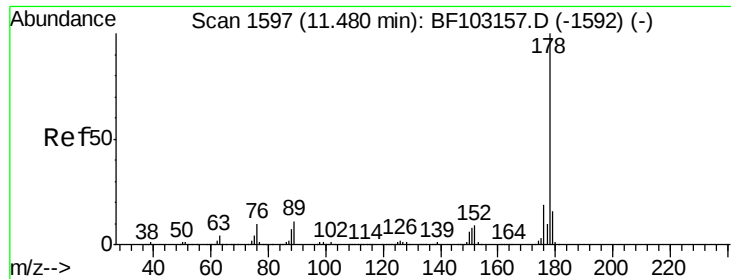
Delta R.T. 0.00 min

Lab File: BF103423.D

Acq: 5 Mar 2018 21:49

Tgt Ion:	178	Resp:	161131
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.8	23.8
179	16.0	13.0	19.6





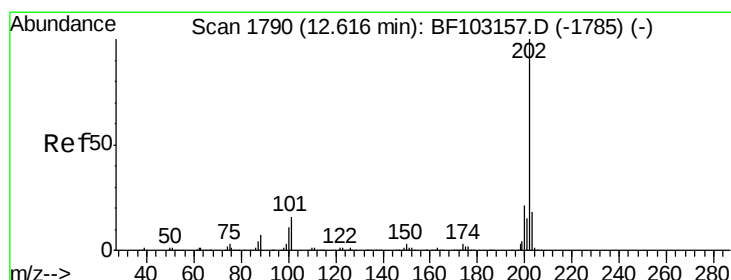
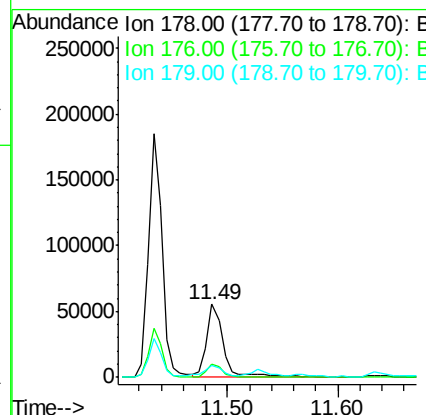
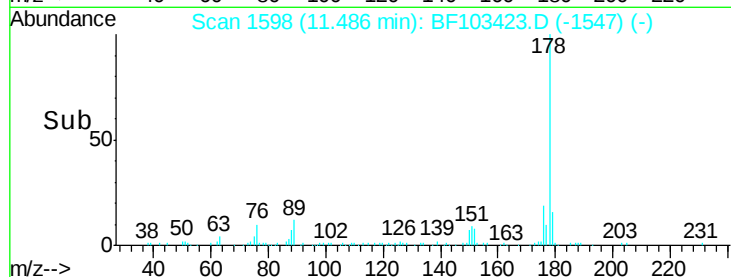
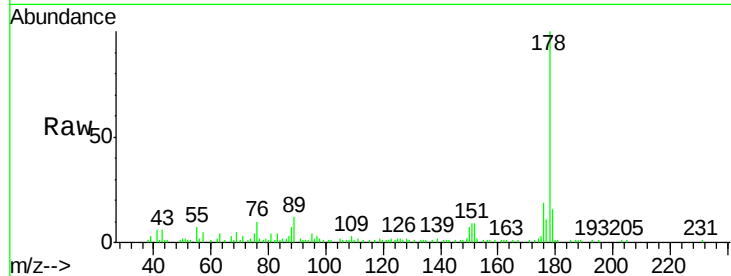
#71
 Anthracene
 Concen: 2.956 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103423.D
 Acq: 5 Mar 2018 21:49

Instrument :
 BNA_F
 ClientSampled :
 SP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.3	12.6	19.0

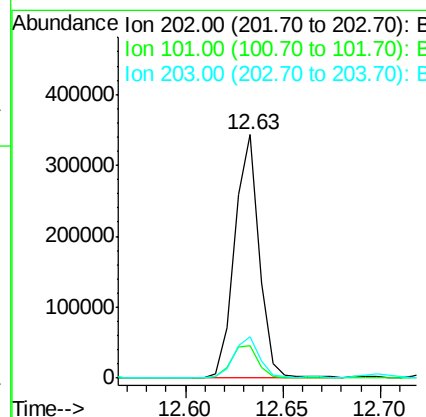
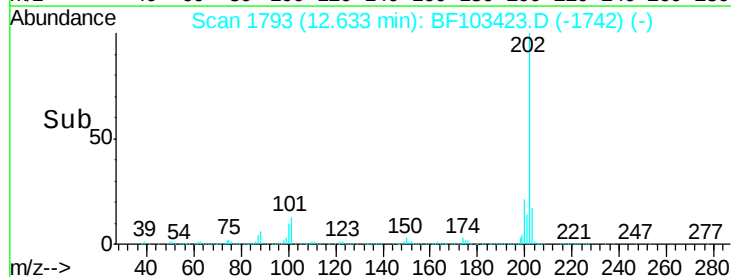
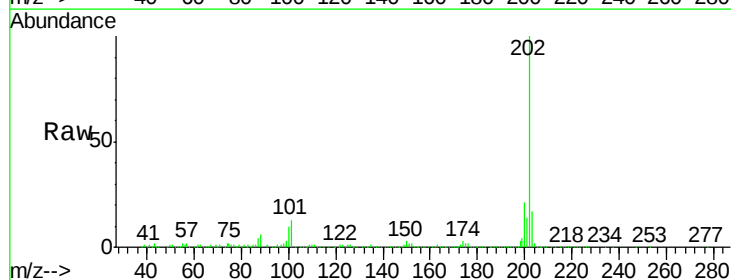
Manual Integrations
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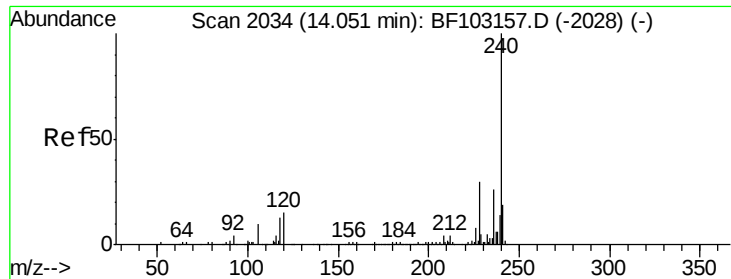
Sohil
 3/6/2018 4:23:28 PM



#74
 Fluoranthene
 Concen: 15.840 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF103423.D
 Acq: 5 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	16.8	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: BF103423.D

Acq: 5 Mar 2018 21:49

Instrument :

BNA_F

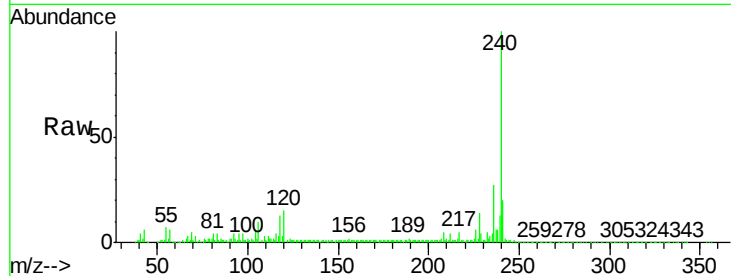
ClientSampleId :

SP-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3
236	26.7	20.7	31.1

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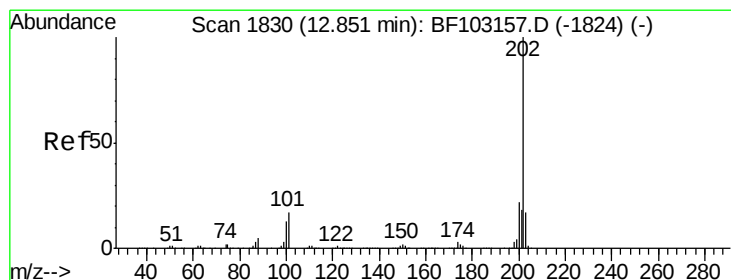
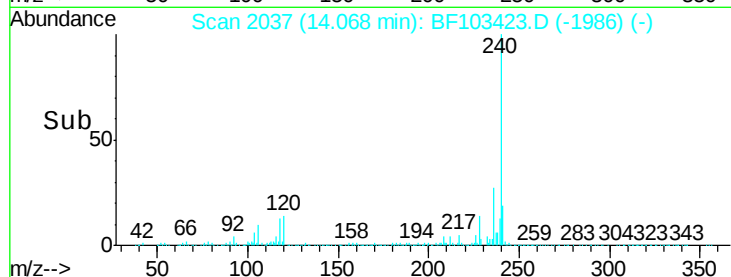
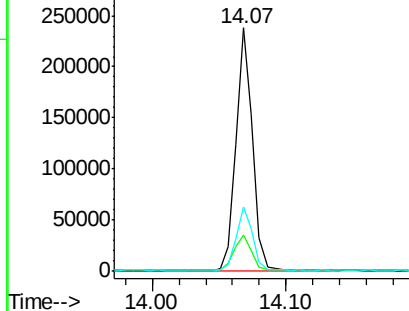
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 17.238 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103423.D

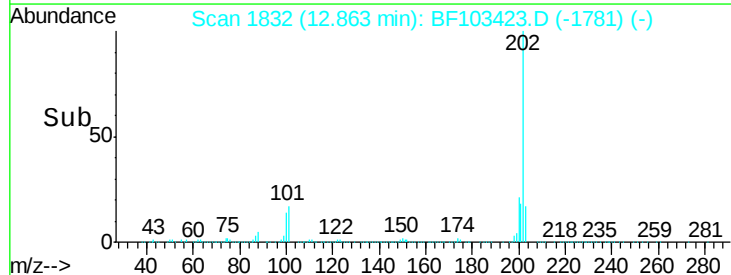
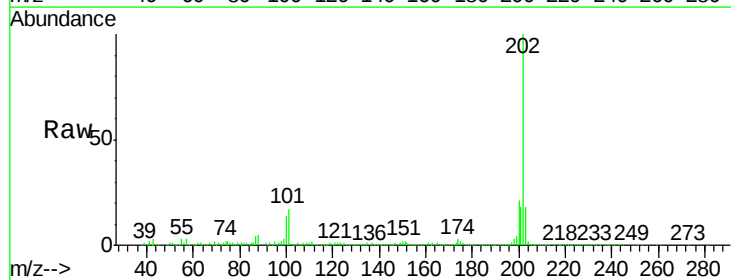
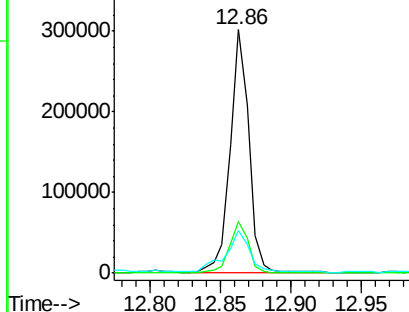
Acq: 5 Mar 2018 21:49

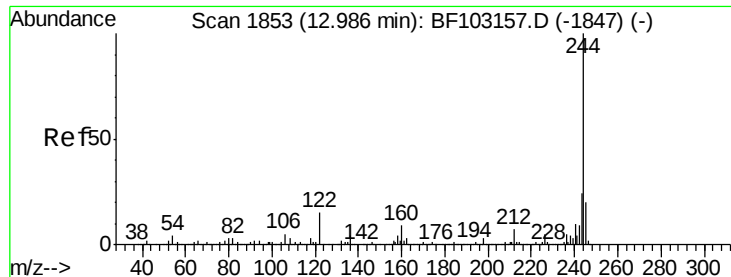
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.745 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103423.D

Acq: 5 Mar 2018 21:49

Instrument :

BNA_F

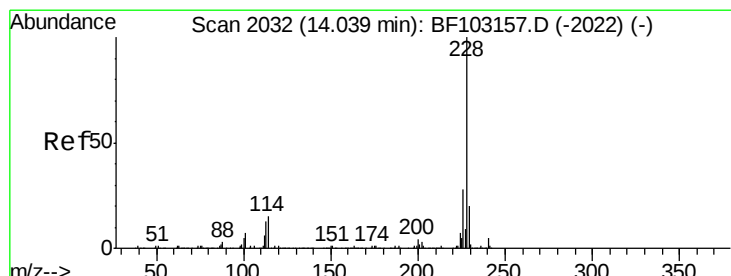
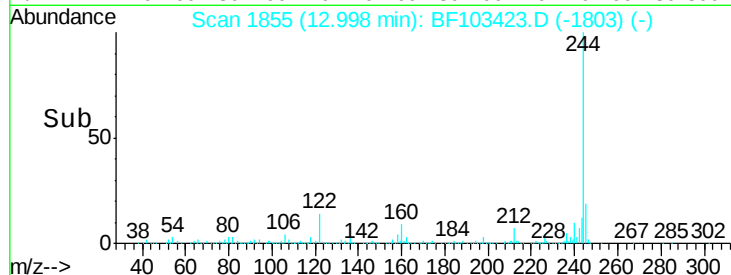
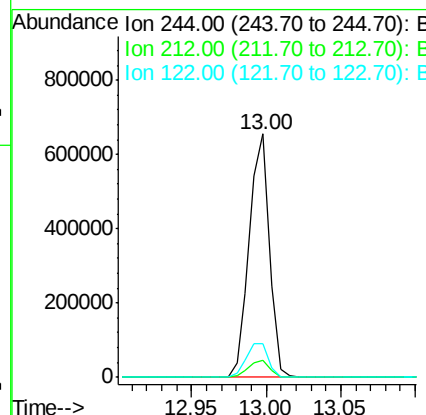
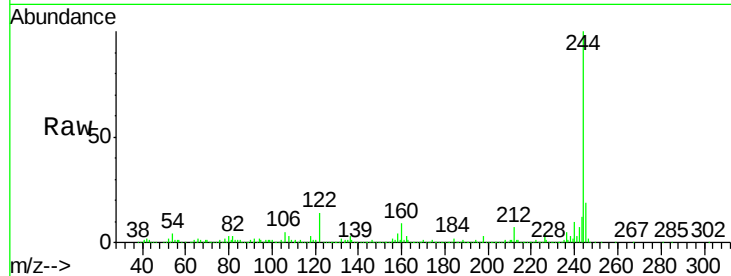
ClientSampled :

SP-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.7	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 10.164 ng

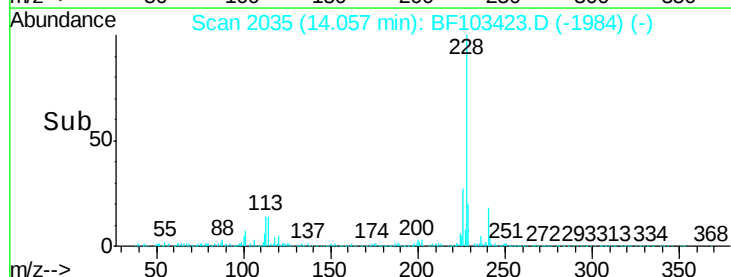
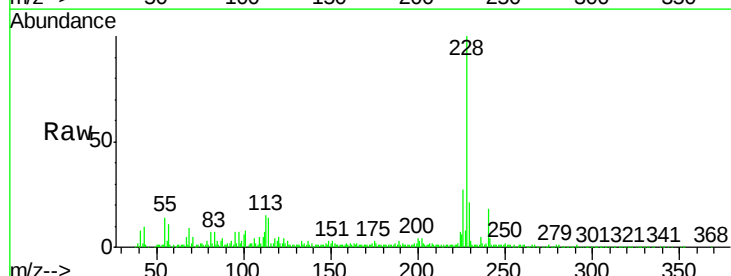
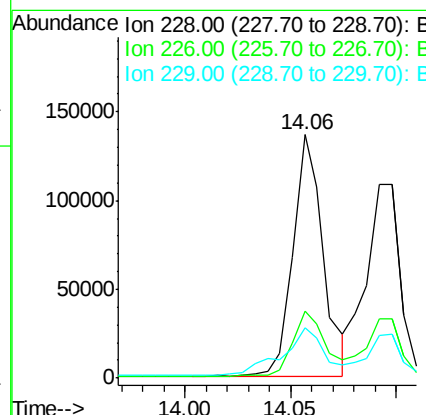
RT: 14.06 min Scan# 2035

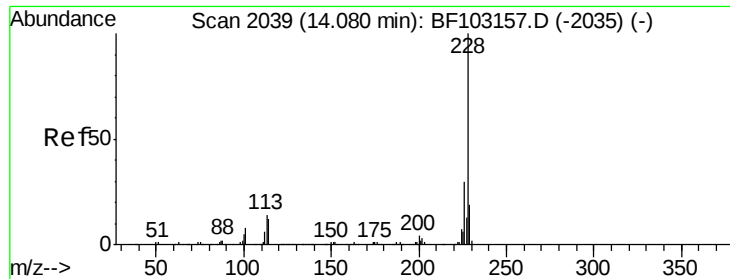
Delta R.T. -0.00 min

Lab File: BF103423.D

Acq: 5 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.7	15.8	23.6





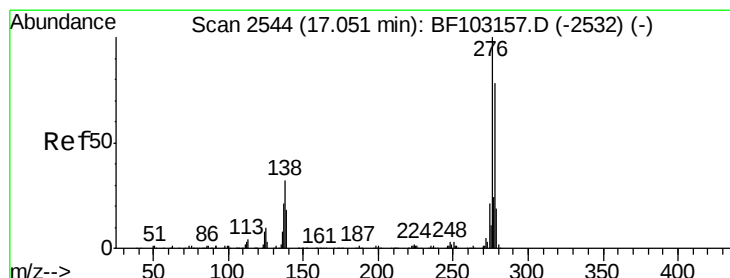
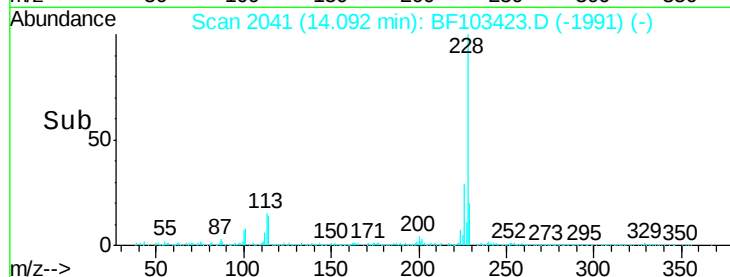
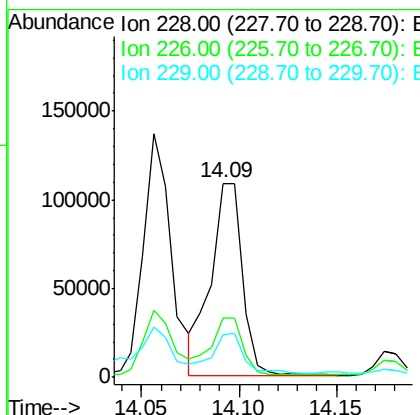
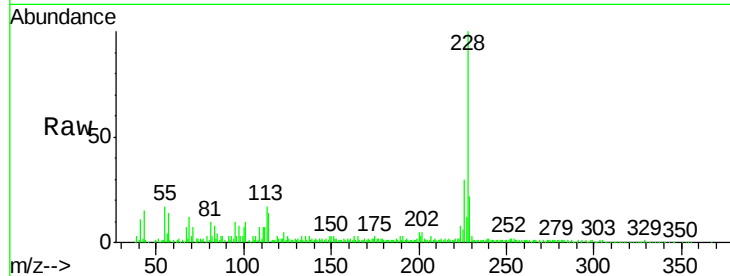
#82
Chrysene
Concen: 9.436 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion:	228	Resp:	122805
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.7	16.2	24.4

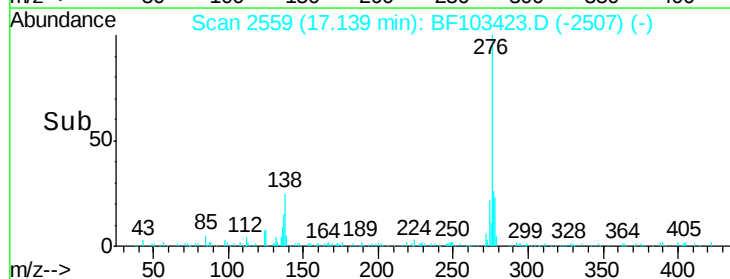
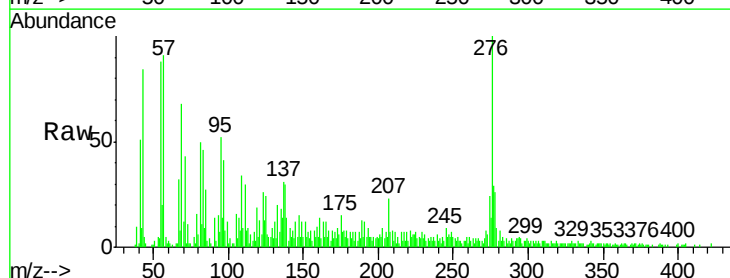
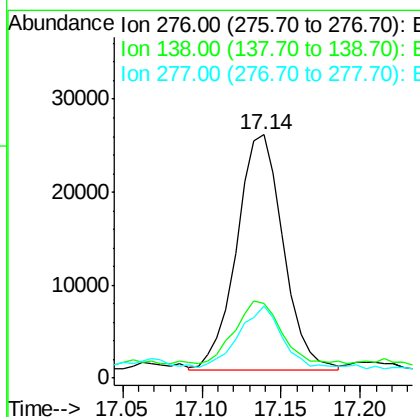
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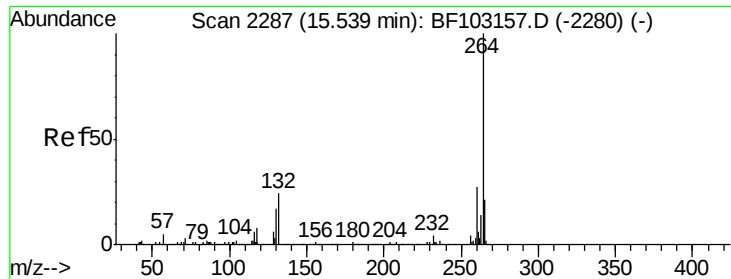
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.017 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Tgt Ion:	276	Resp:	51685
Ion Ratio	Lower	Upper	
276	100		
138	26.2	25.0	37.6
277	26.8	20.1	30.1





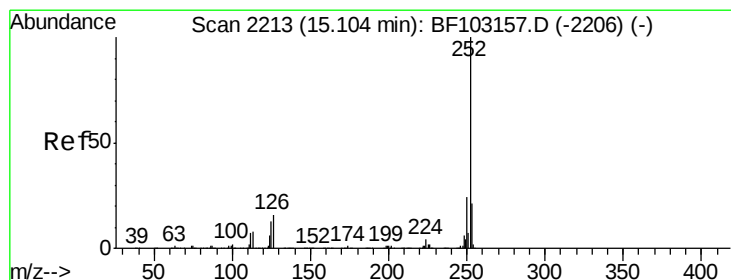
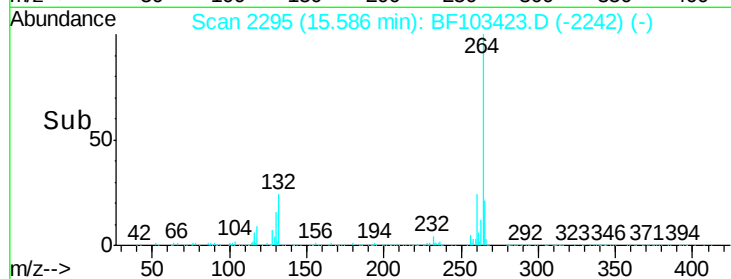
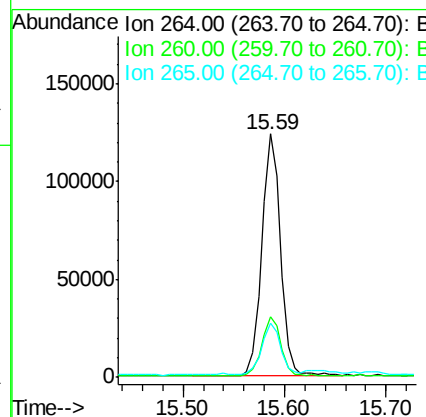
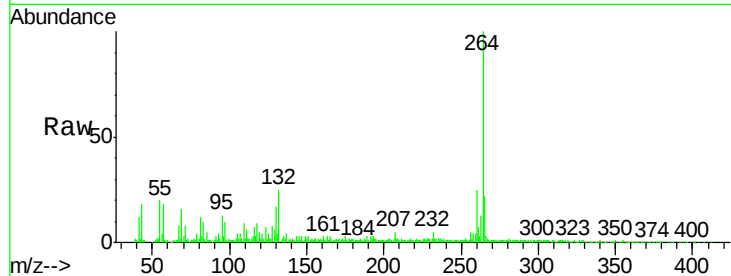
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.0	17.5	26.3

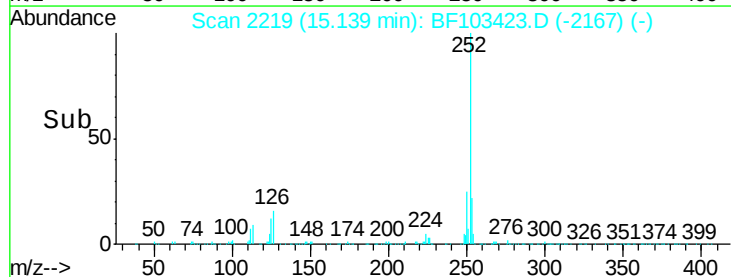
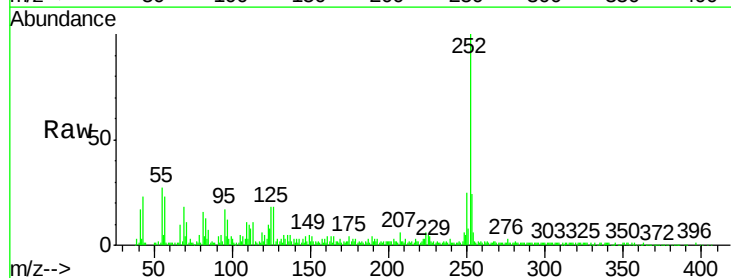
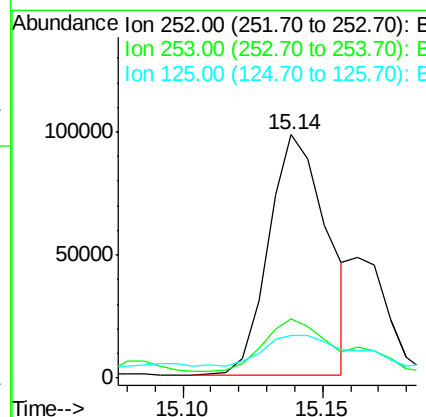
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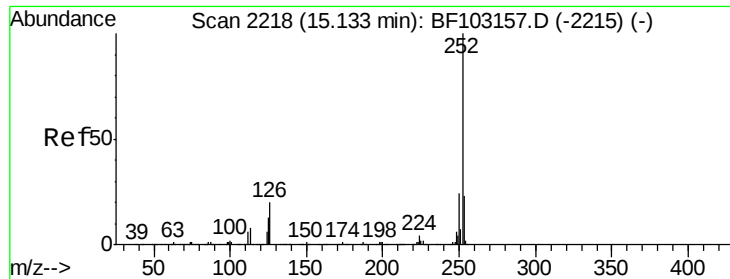
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#87
Benzo(b)fluoranthene
Concen: 13.704 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	17.6	9.0	13.6





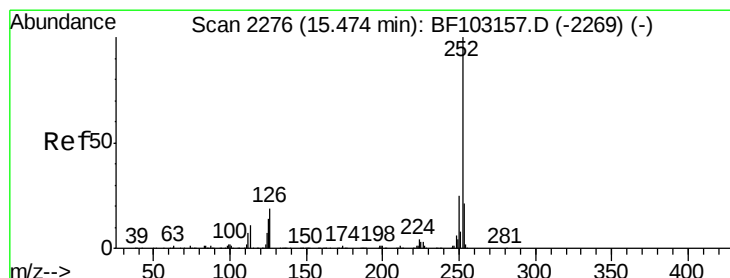
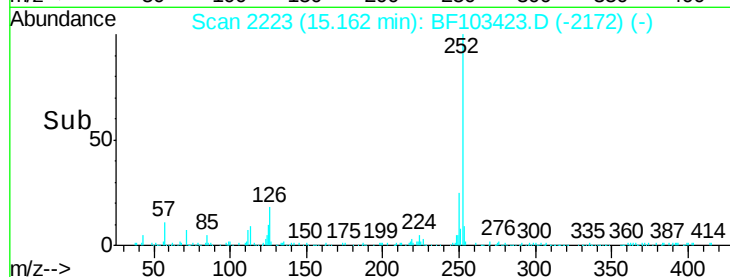
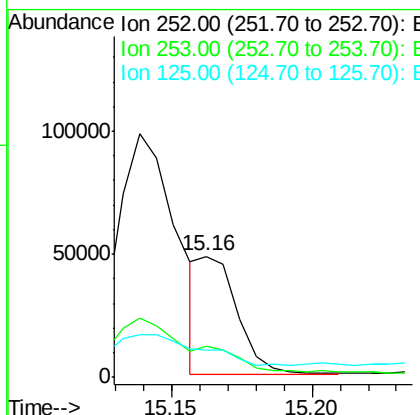
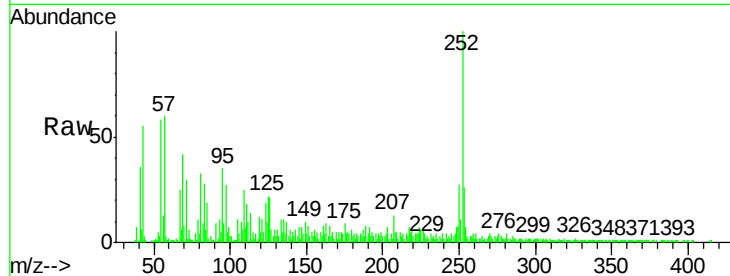
#88
Benzo(k)fluoranthene
Concen: 4.655 ng m
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	22.3	10.2	15.2

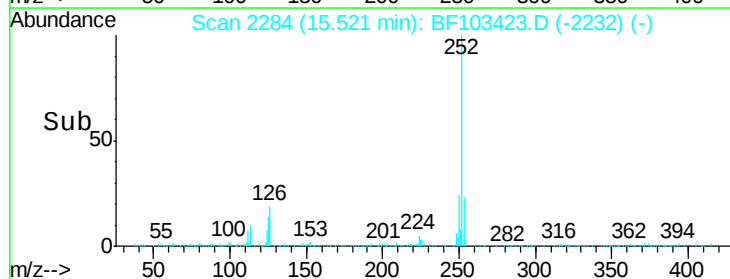
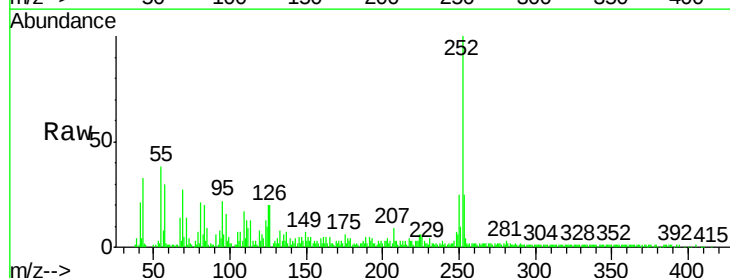
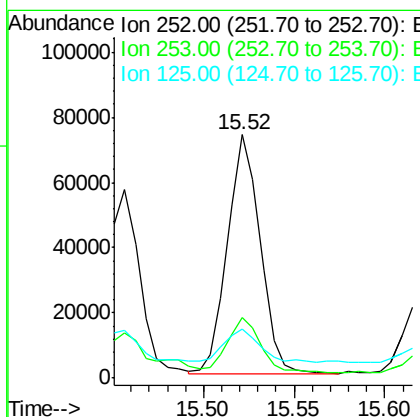
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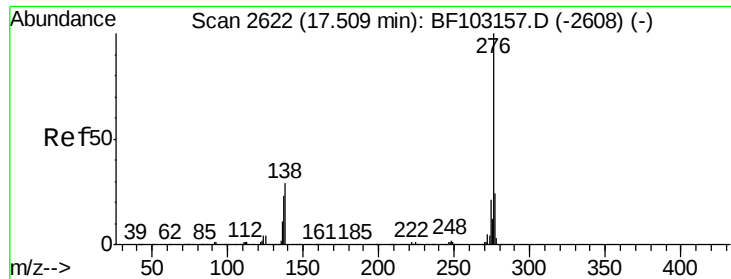
Sohil
3/6/2018 4:23:28 PM



#89
Benzo(a)pyrene
Concen: 10.035 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103423.D
Acq: 5 Mar 2018 21:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	19.9	9.8	14.6





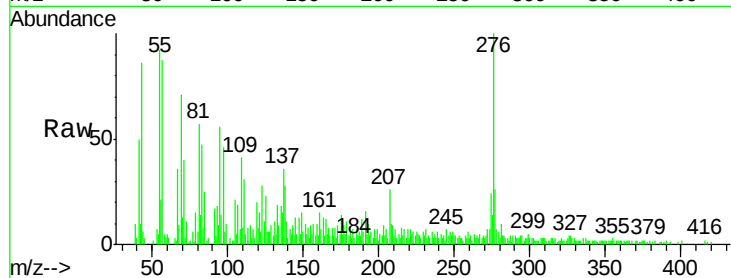
#91
 Benzo(a,h,i)perylene
 Concen: 7.200 ng
 RT: 17.62 min Scan# 2640
 Delta R.T. 0.02 min
 Lab File: BF103423.D
 Acq: 5 Mar 2018 21:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tot Ion:	276	Resp:	50552
Ion Ratio	Lower	Upper	
276	100		
277	25.7	17.9	26.9
138	28.0	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

