

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103422.D
 Acq On : 5 Mar 2018 21:23
 Operator : SJ/JU
 Sample : J1724-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-32

Manual Integrations
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Sohil
 3/6/2018 4:23:26 PM

Quant Time: Mar 06 00:54:34 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	139371	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	563459	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	229834	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	342898	20.00	ng	0.00
75) Chrysene-d12	14.07	240	210897	20.00	ng	0.00
86) Perylene-d12	15.59	264	159800	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1034463	112.26	ng	0.00
7) Phenol-d6	6.52	99	1222945	108.46	ng	0.00
23) Nitrobenzene-d5	7.44	82	752016	76.22	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	159978	82.23	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1010338	73.25	ng	0.00
78) Terphenyl-d14	13.00	244	675942	77.05	ng	0.00
Target Compounds						
10) Phenol	6.53	94	50475	3.856	ng	Qvalue # 68
49) Dimethylphthalate	9.62	163	90907	4.931	ng	99
70) Phenanthrene	11.43	178	292692	15.510	ng	99
71) Anthracene	11.49	178	82766	4.277	ng	99
74) Fluoranthene	12.63	202	450387	23.751	ng	100
77) Pyrene	12.86	202	450112	27.374	ng	99
80) Benzo(a)anthracene	14.06	228	200607	14.660	ng	99
82) Chrysene	14.10	228	189946	14.296	ng	97
85) Indeno(1,2,3-cd)pyrene	17.14	276	66853	6.356	ng	97
87) Benzo(b)fluoranthene	15.14	252	201674m	19.195	ng	
88) Benzo(k)fluoranthene	15.17	252	57917m	5.854	ng	
89) Benzo(a)pyrene	15.53	252	127762	13.617	ng	# 89
90) Dibenzo(a,h)anthracene	17.14	278	18696	2.579	ng	# 57
91) Benzo(g,h,i)perylene	17.62	276	64839	9.151	ng	# 92

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

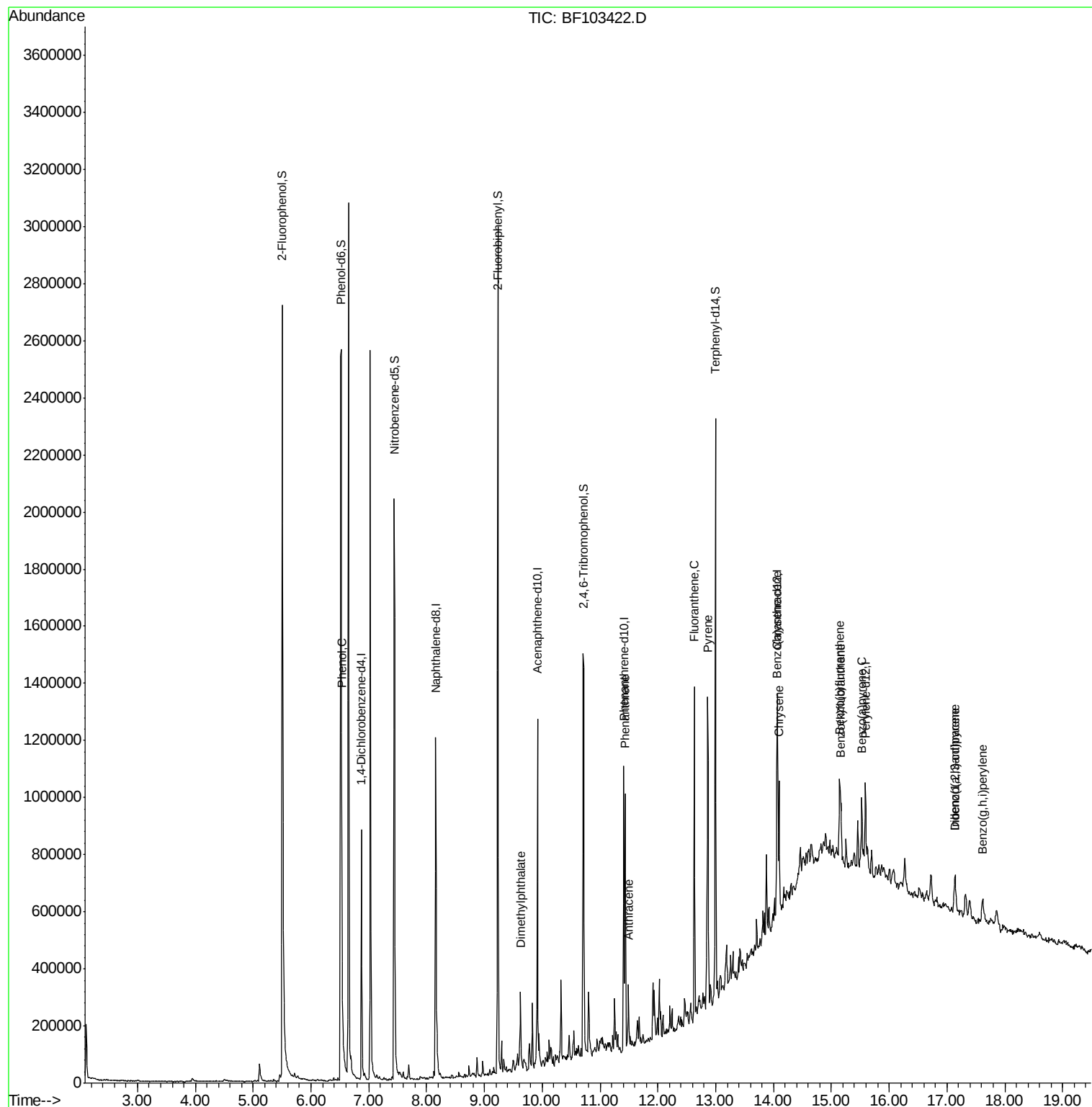
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103422.D
Acq On : 5 Mar 2018 21:23
Operator : SJ/JU
Sample : J1724-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

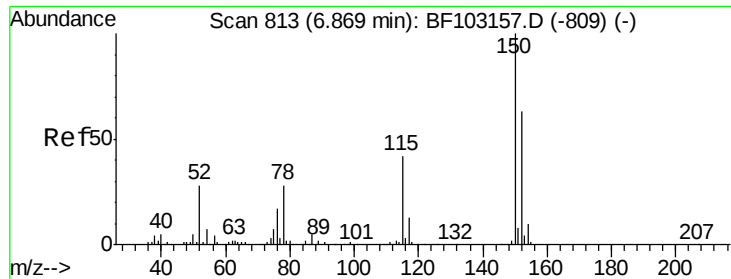
Instrument :
BNA_F
ClientSampleId :
SP-32

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Quant Time: Mar 06 00:54:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

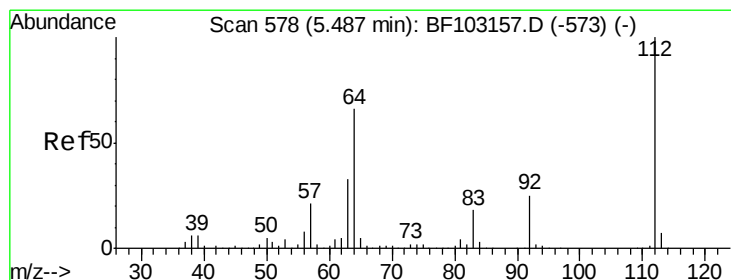
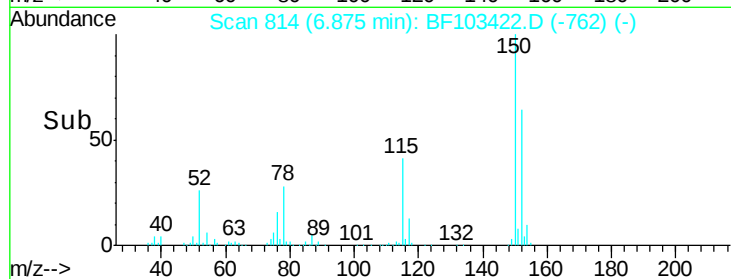
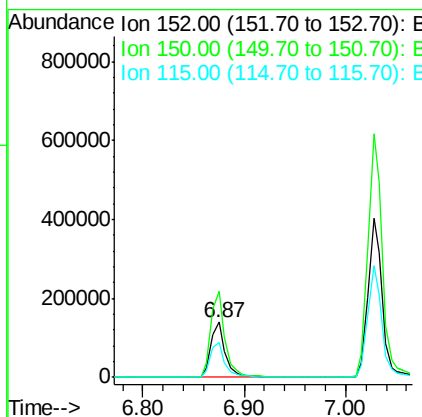
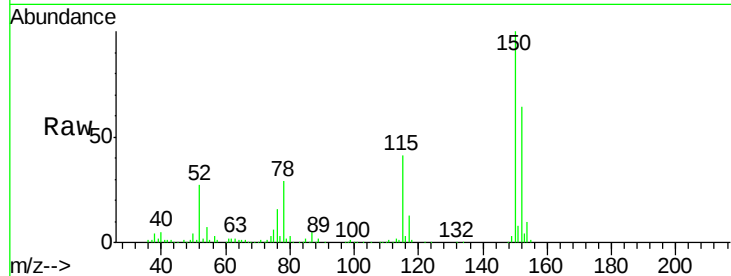
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :
SP-32

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	64.3	50.1	75.1

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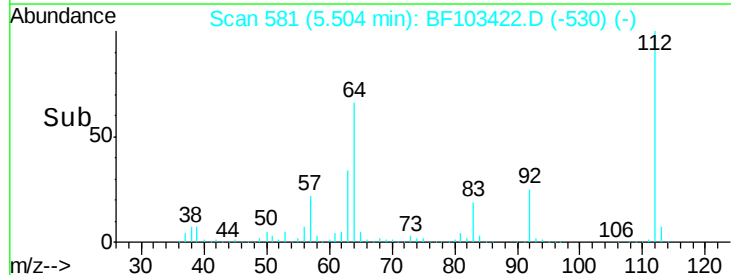
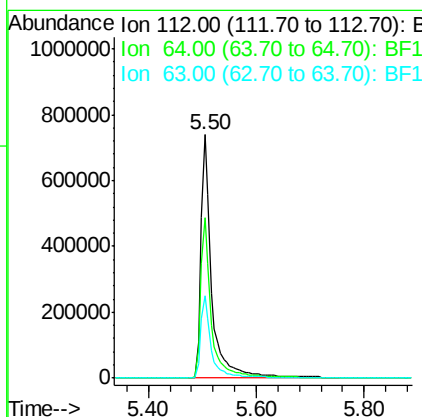
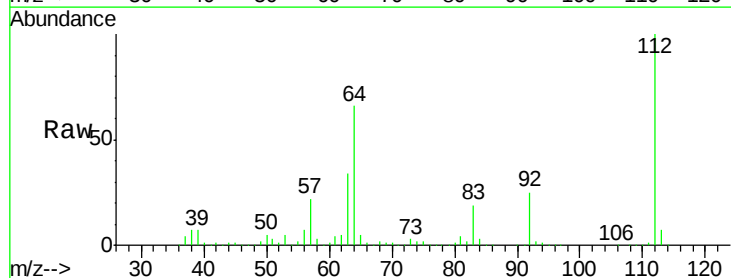
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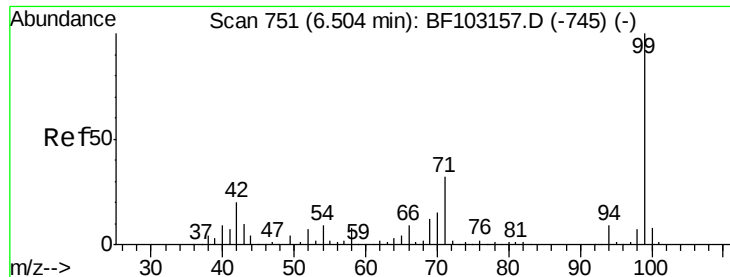


#5

2-Fluorophenol
Concen: 112.258 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	34.1	23.7	35.5





#7

Phenol-d6

Concen: 108.456 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103422.D

Acq: 5 Mar 2018 21:23

Instrument :

BNA_F

ClientSampled :

SP-32

Tot Ion: 99 Resp: 1222945

Ion Ratio Lower Upper

99 100

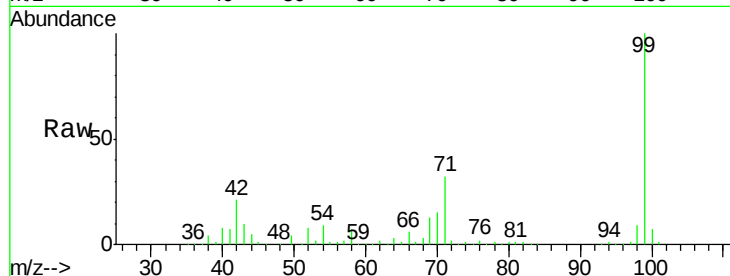
42 20.7 14.5 21.7

71 32.2 25.4 38.0

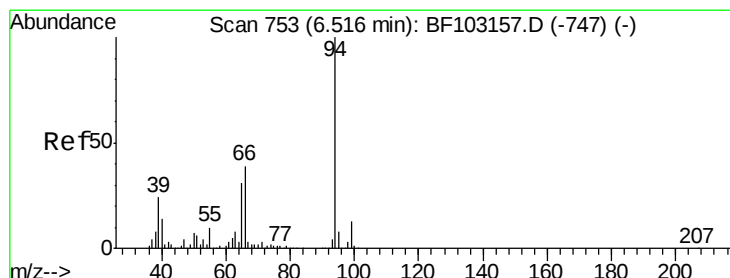
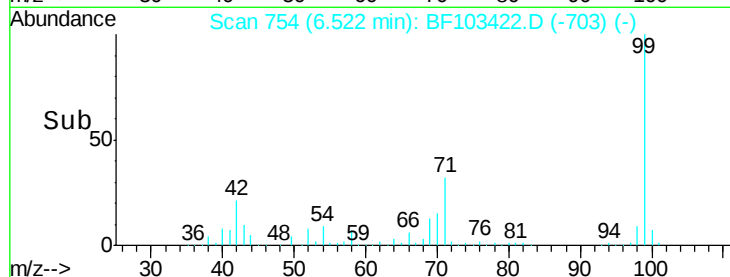
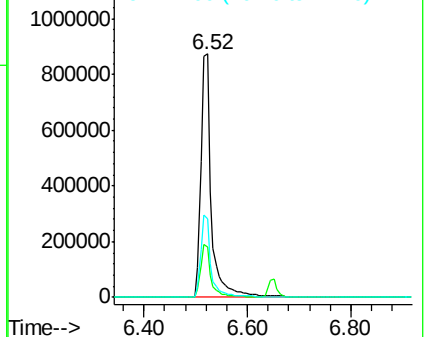
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.856 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103422.D

Acq: 5 Mar 2018 21:23

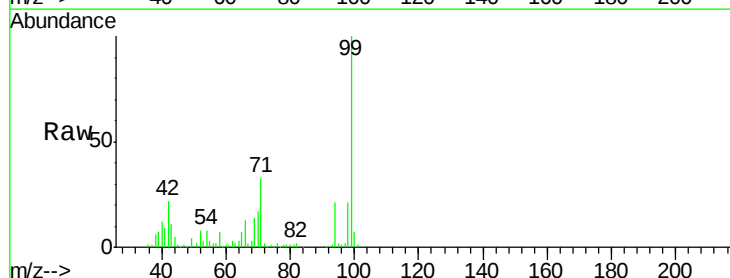
Tgt Ion: 94 Resp: 50475

Ion Ratio Lower Upper

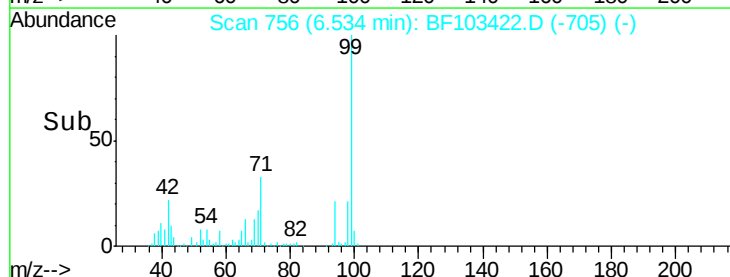
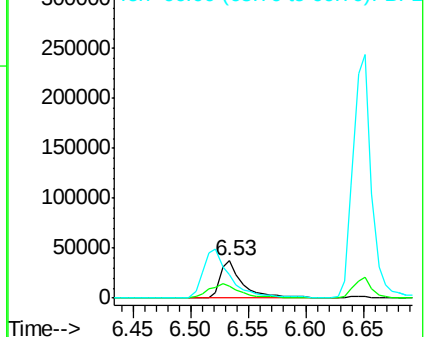
94 100

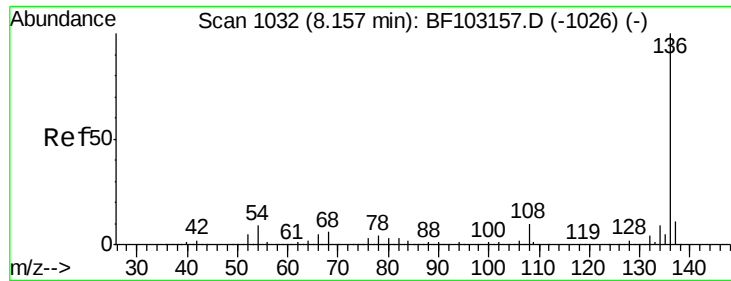
65 33.9 7.9 47.9

66 64.3 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
300000
Ion 65.00 (64.70 to 65.70): BF1
250000
Ion 66.00 (65.70 to 66.70): BF1





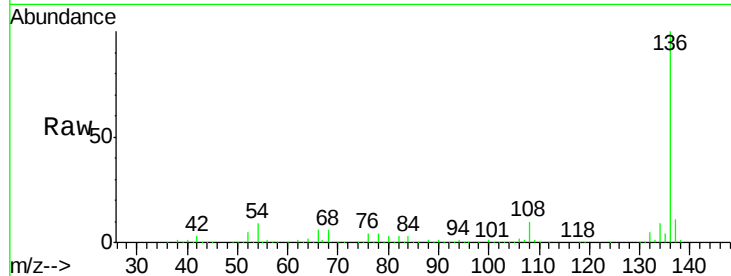
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampled :
SP-32

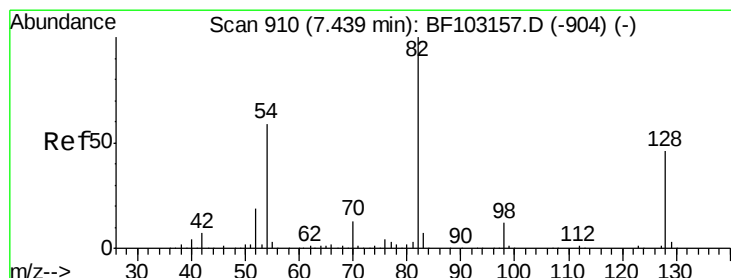
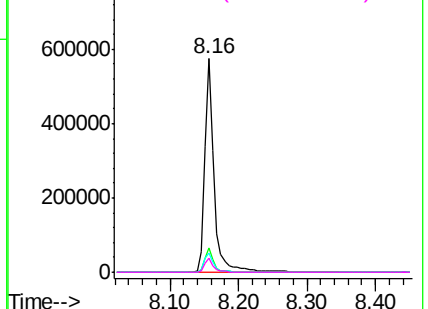
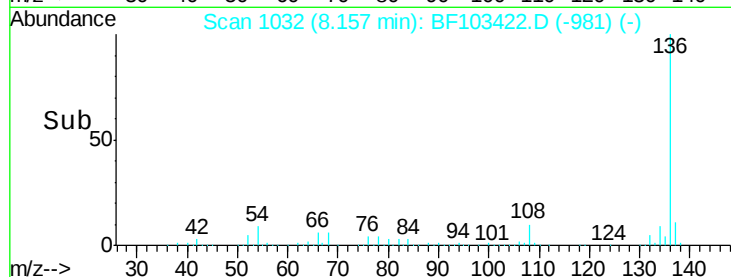
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		563459		
137	11.2	8.9	13.3		
54	9.2	6.6	9.8		
68	6.5	5.0	7.4		

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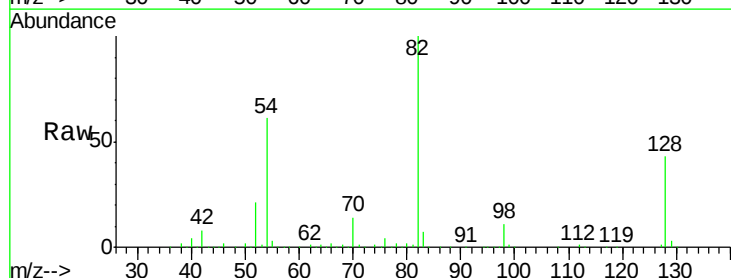


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

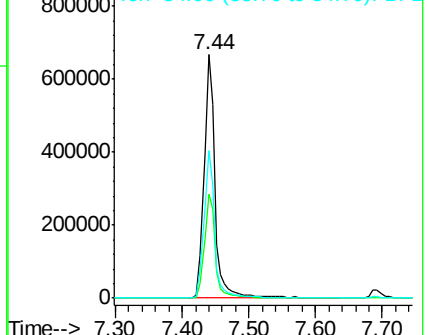
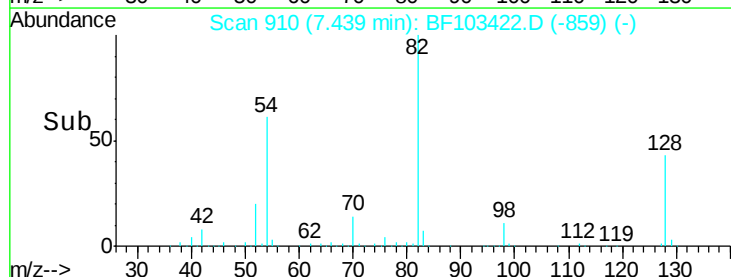


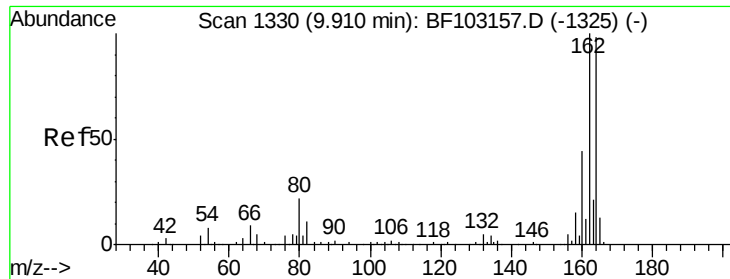
#23
Nitrobenzene-d5
Concen: 76.219 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		752016		
128	42.5	36.1	54.1		
54	60.8	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: BF103422.D

Acq: 5 Mar 2018 21:23

Instrument :

BNA_F

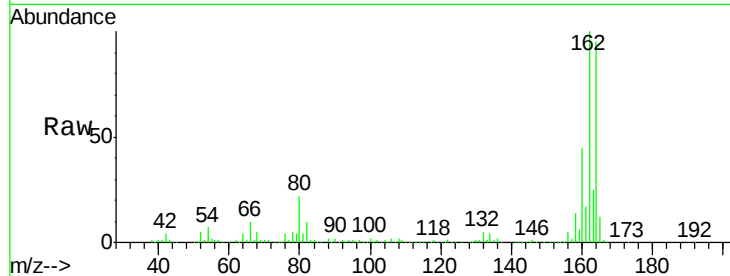
ClientSampled :

SP-32

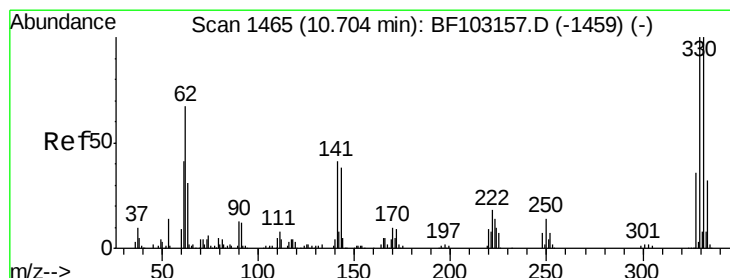
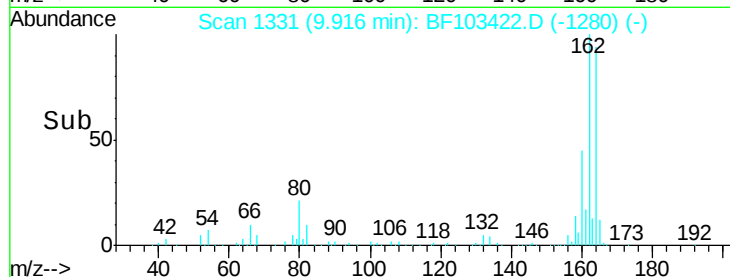
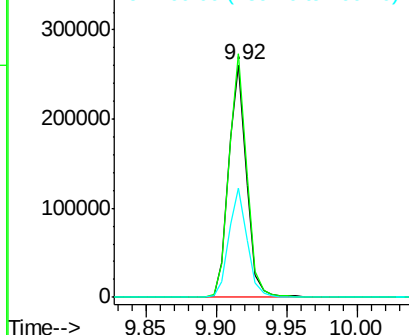
Tot Ion:	164	Resp:	229834
Ion Ratio	Lower	Upper	
164	100		
162	104.9	86.1	129.1
160	47.1	38.3	57.5

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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: 82.233 ng

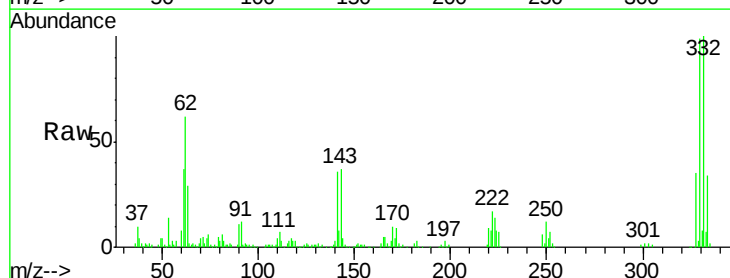
RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

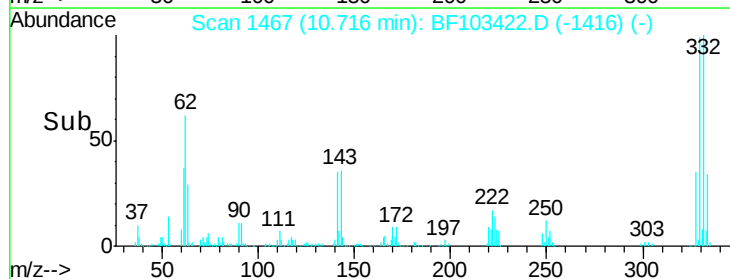
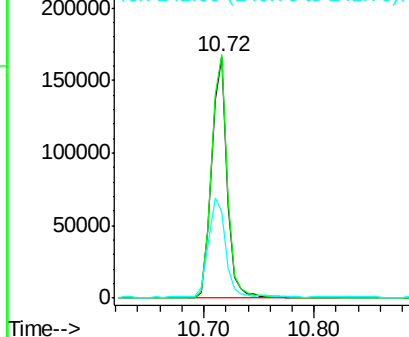
Lab File: BF103422.D

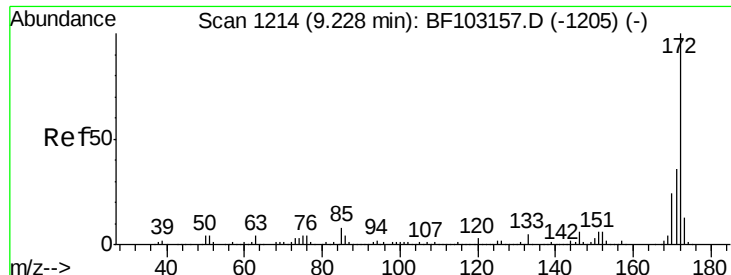
Acq: 5 Mar 2018 21:23

Tgt Ion:	330	Resp:	159978
Ion Ratio	Lower	Upper	
330	100		
332	102.4	77.0	115.6
141	45.8	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





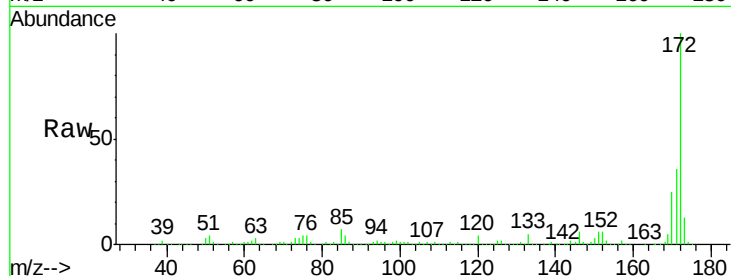
#44
2-Fluorobiphenyl
Concen: 73.255 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampled :
SP-32

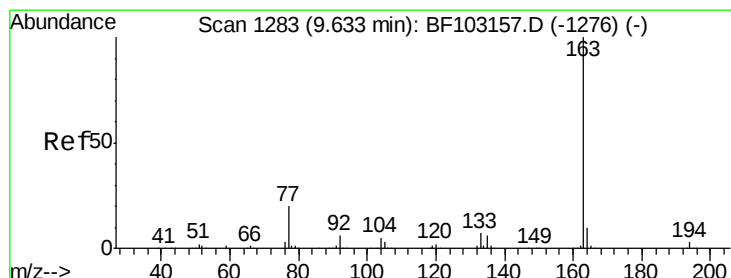
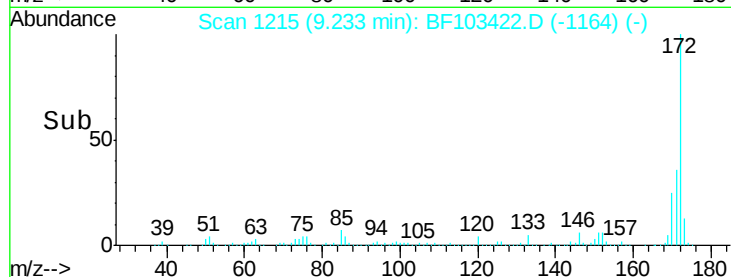
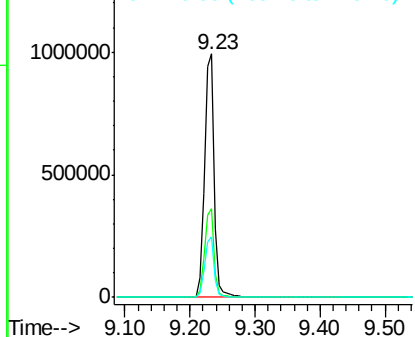
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

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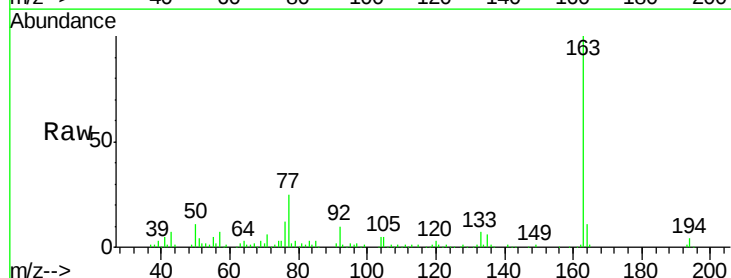


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

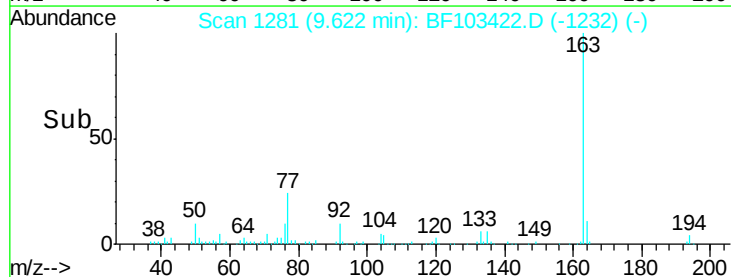
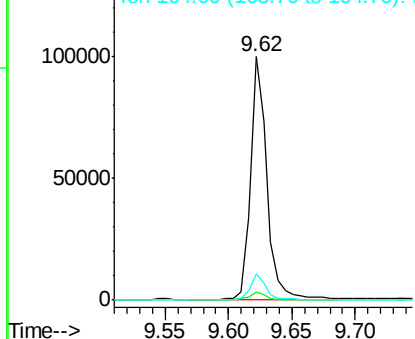


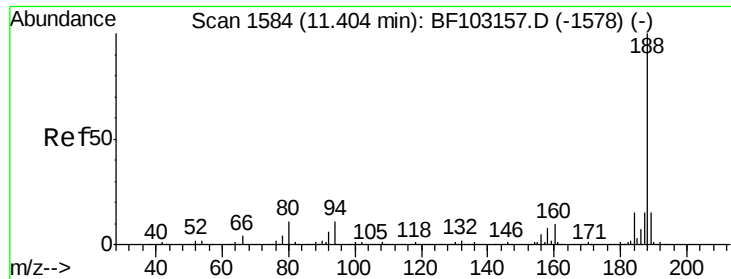
#49
Dimethylphthalate
Concen: 4.931 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.7	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





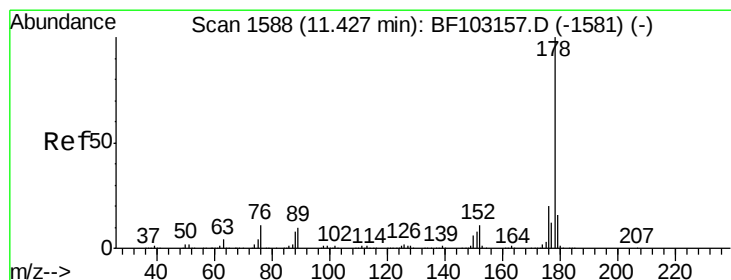
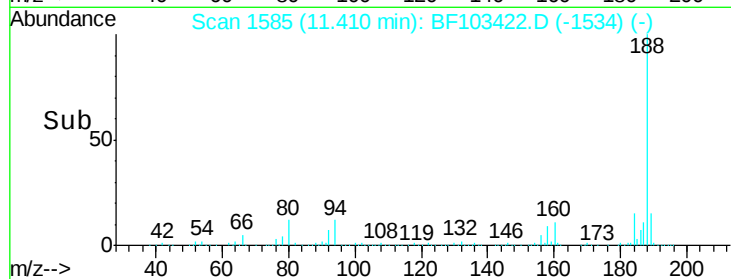
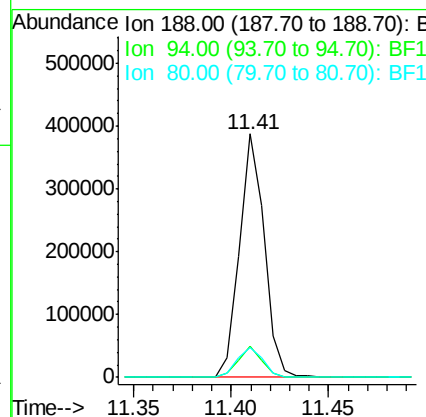
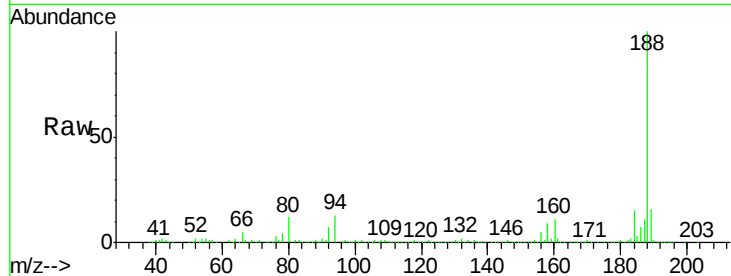
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampled :
SP-32

Tot Ion	Ratio	Resp	Lower	Upper
188	100	342898		
94	12.6		8.5	12.7
80	12.1		9.2	13.8

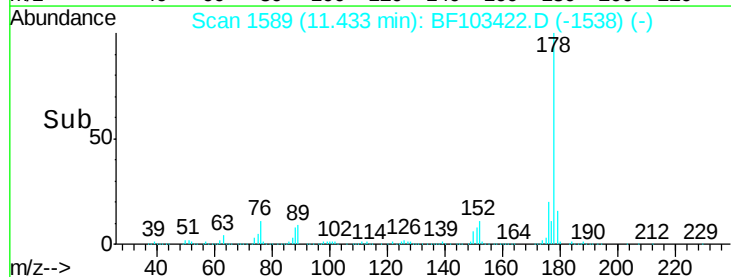
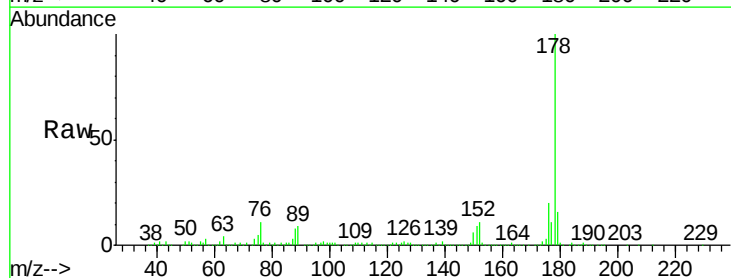
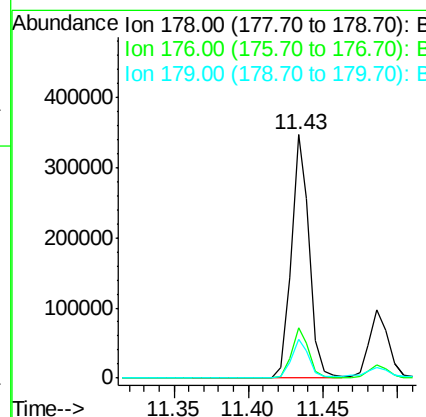
Manual Integrations
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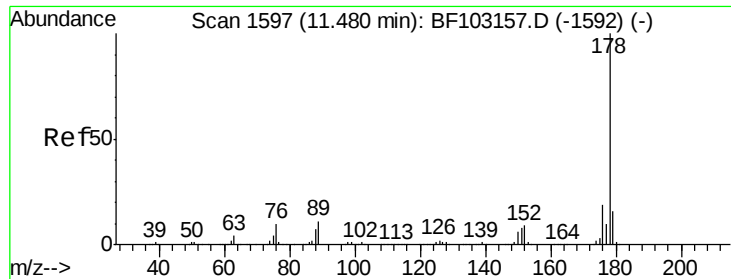
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#70
Phenanthrene
Concen: 15.510 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	292692		
176	20.4		15.8	23.8
179	15.9		13.0	19.6





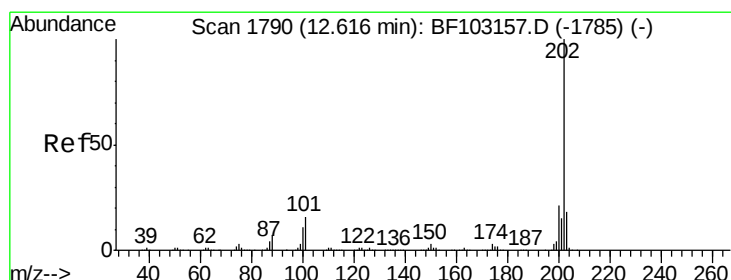
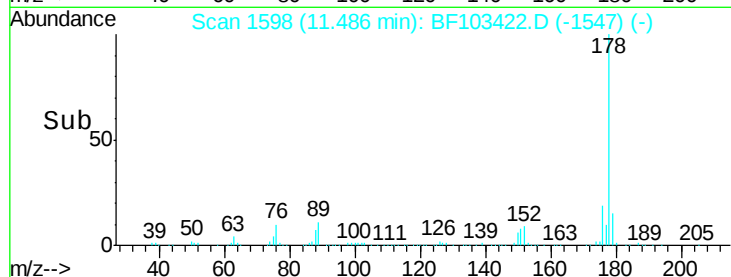
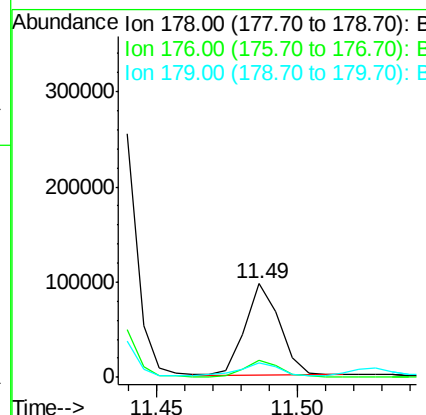
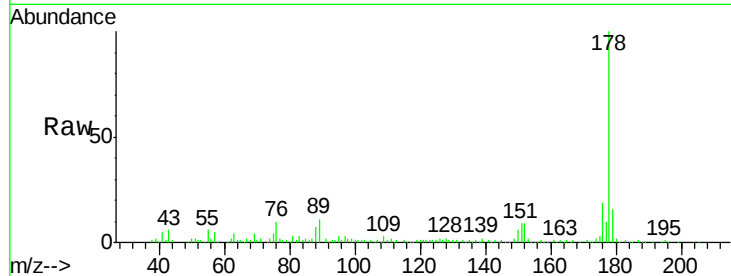
#71
 Anthracene
 Concen: 4.277 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103422.D
 Acq: 5 Mar 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SP-32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		82766		
176	18.8		15.4	23.2	
179	15.8		12.6	19.0	

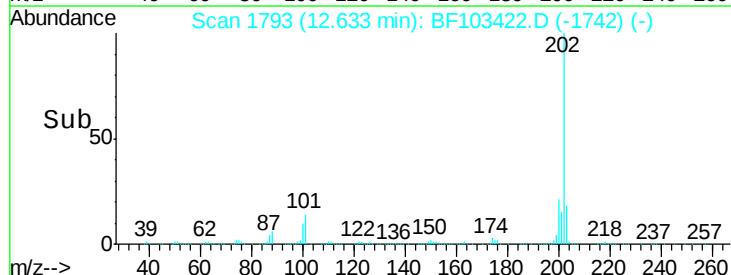
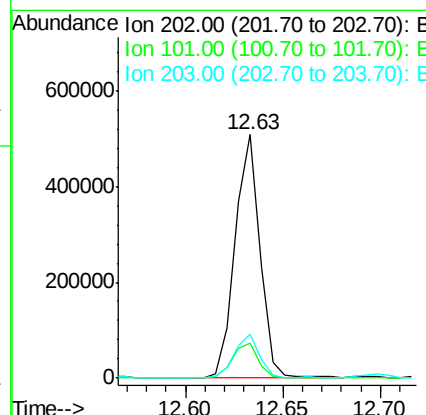
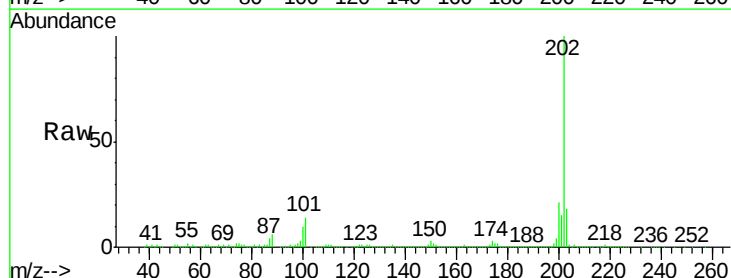
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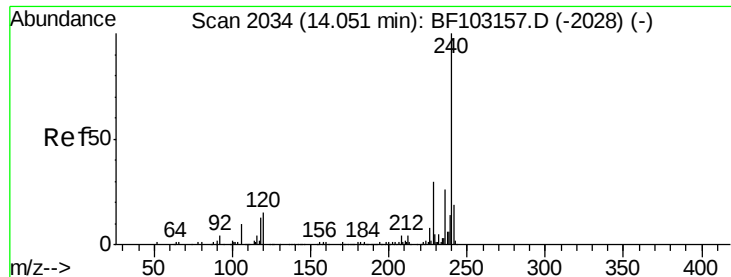
Sohil
 3/6/2018 4:23:26 PM



#74
 Fluoranthene
 Concen: 23.751 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF103422.D
 Acq: 5 Mar 2018 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		450387		
101	14.2		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: BF103422.D

Acq: 5 Mar 2018 21:23

Instrument :

BNA_F

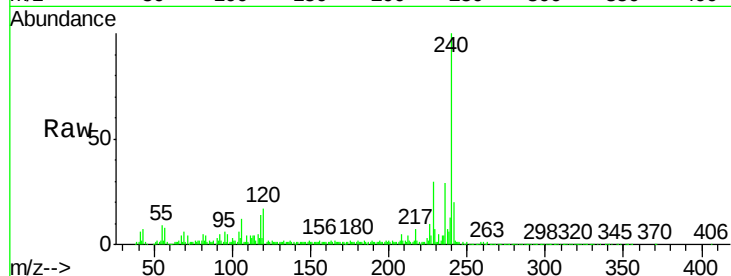
ClientSampled :

SP-32

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.2	9.5	14.3#
236	28.7	20.7	31.1

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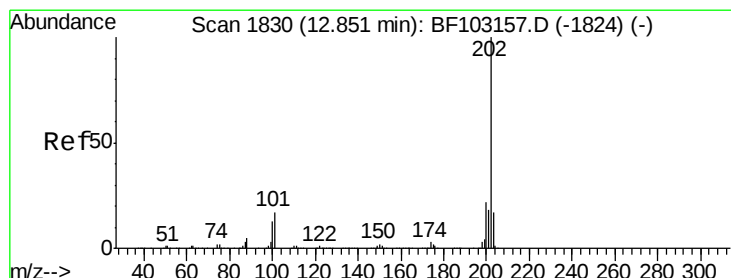
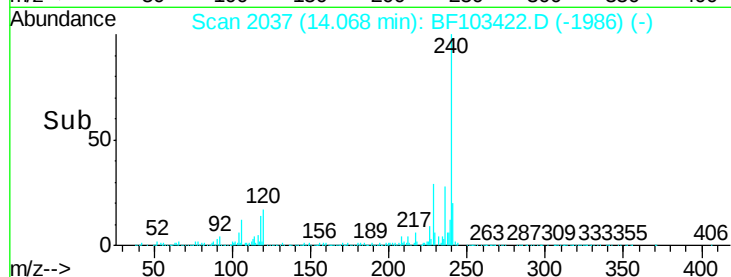
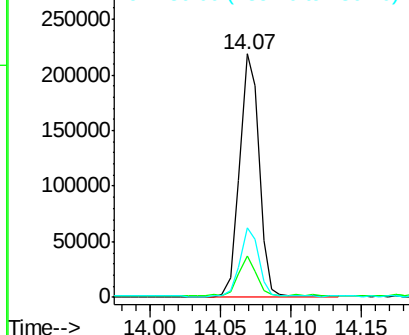


Abundance

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: 27.374 ng

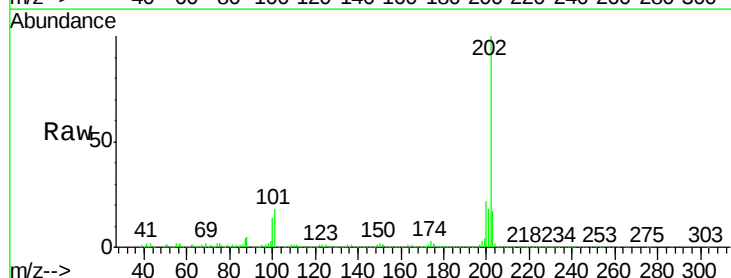
RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF103422.D

Acq: 5 Mar 2018 21:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.3	21.5

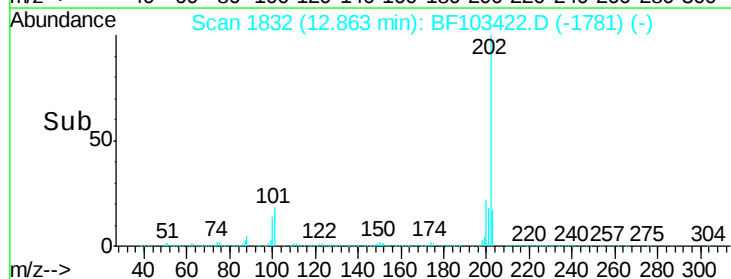
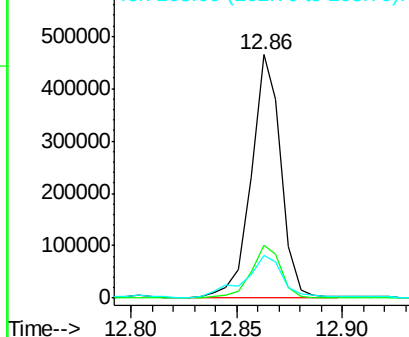


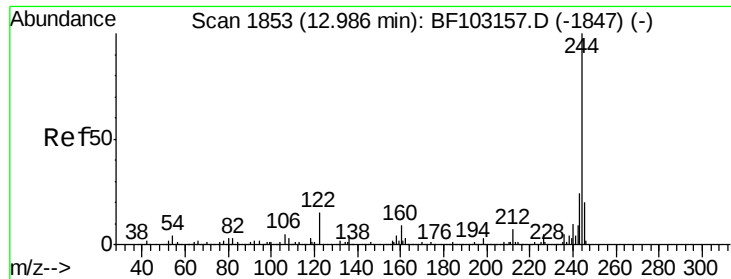
Abundance

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





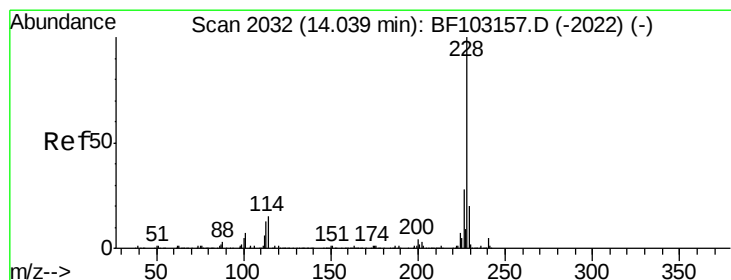
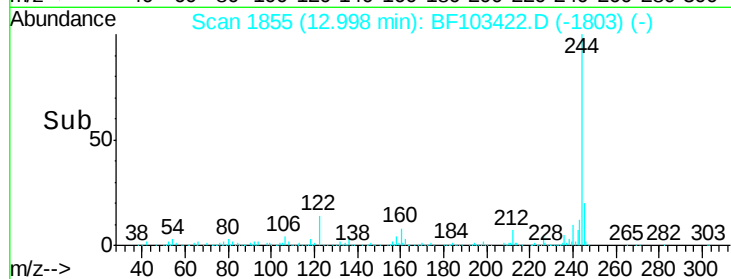
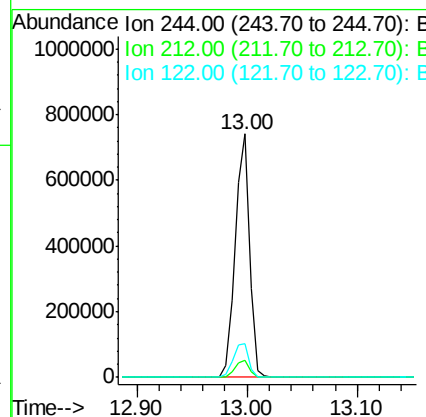
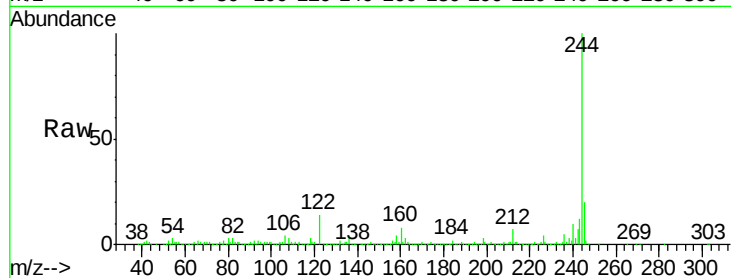
#78
 Terphenyl-d14
 Concen: 77.046 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BF103422.D
 Acq: 5 Mar 2018 21:23

Instrument :
 BNA_F
 ClientSampled :
 SP-32

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.7	11.0	16.4

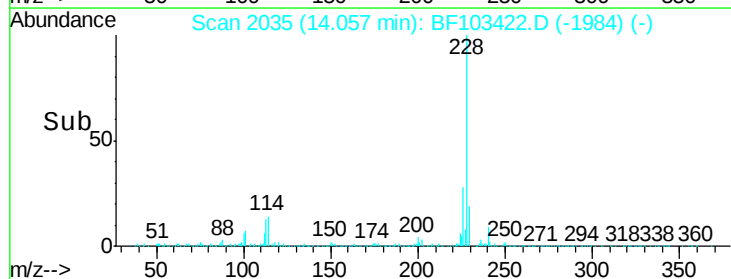
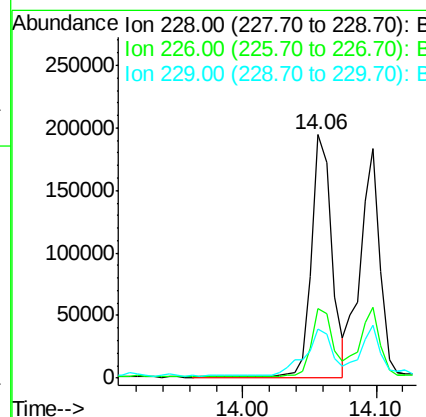
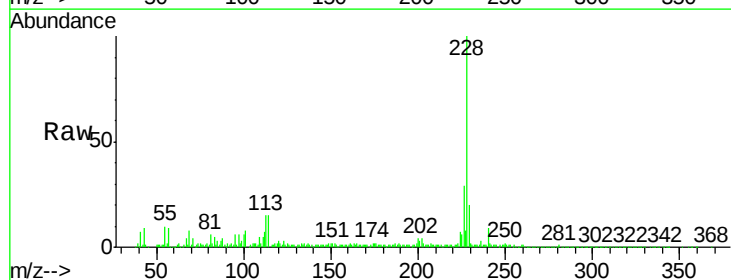
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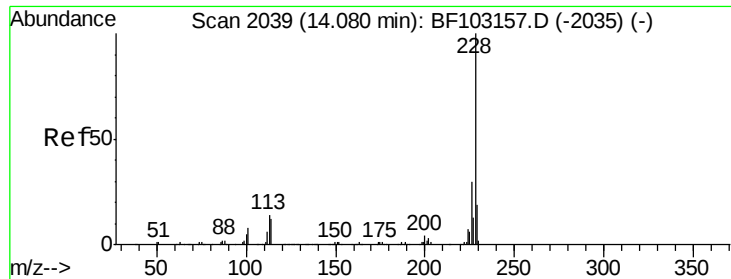
Sohil
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#80
 Benzo(a)anthracene
 Concen: 14.660 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103422.D
 Acq: 5 Mar 2018 21:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.3	15.8	23.6





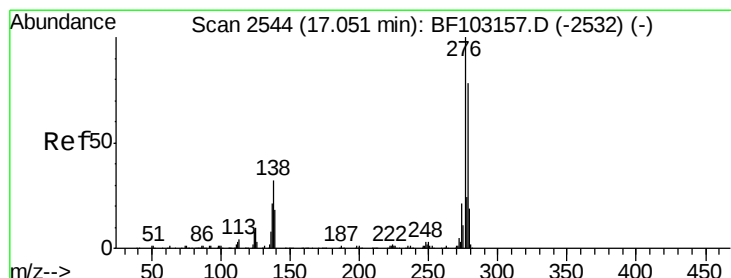
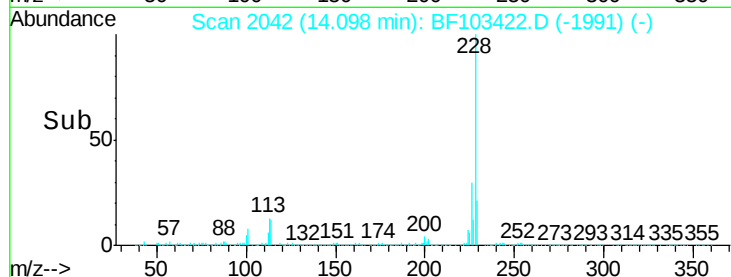
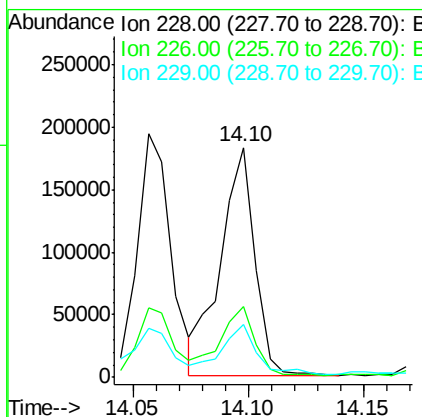
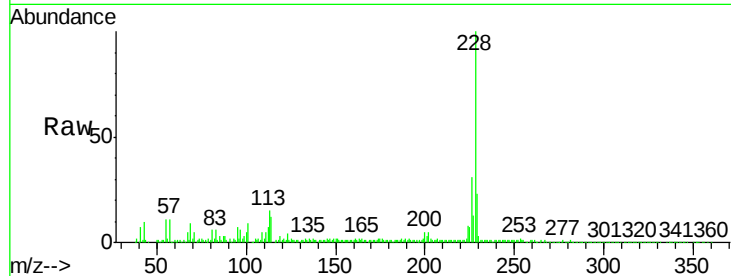
#82
Chrysene
Concen: 14.296 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampled :
SP-32

Tot Ion:	228	Resp:	189946
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	23.0	16.2	24.4

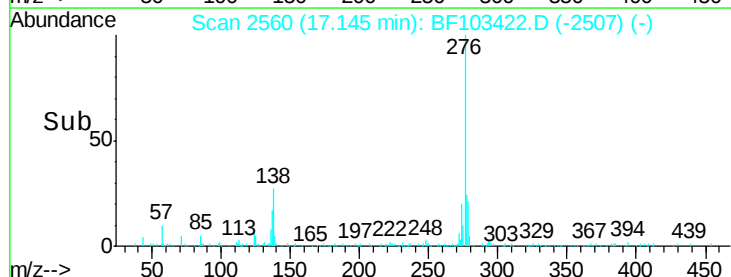
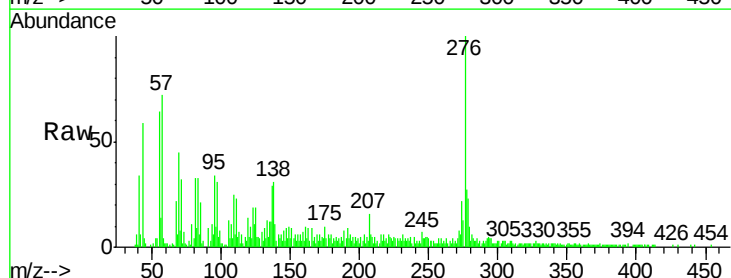
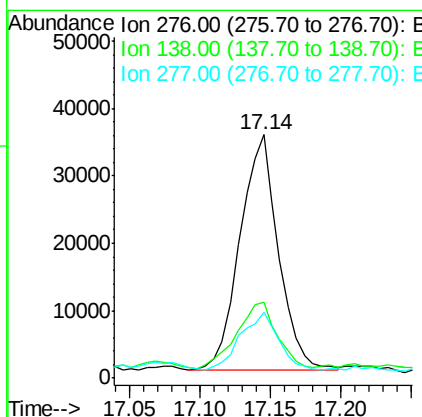
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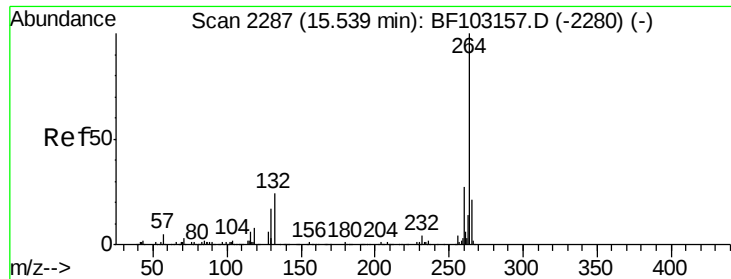
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.356 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion:	276	Resp:	66853
Ion Ratio	Lower	Upper	
276	100		
138	29.0	25.0	37.6
277	24.6	20.1	30.1





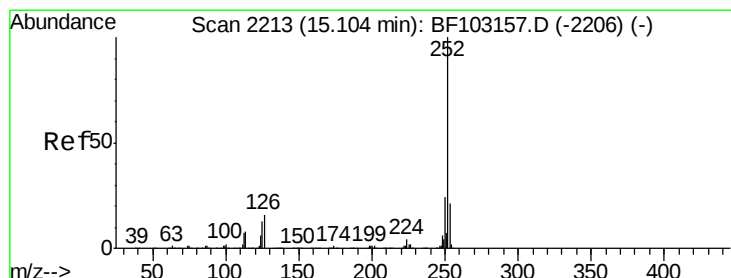
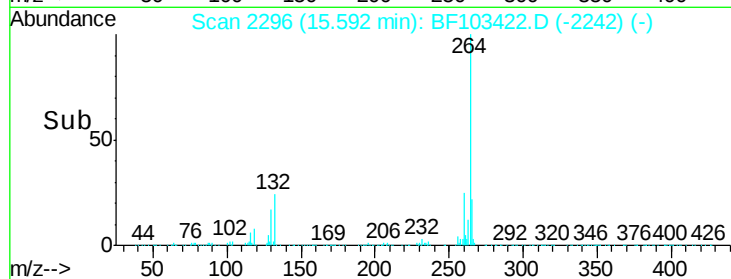
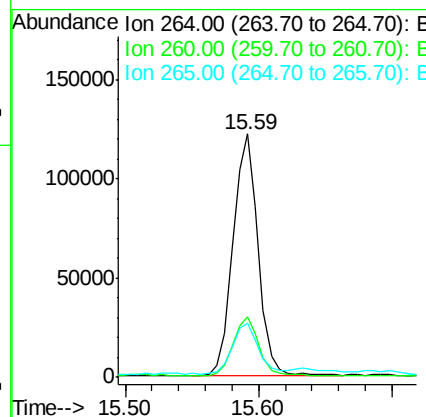
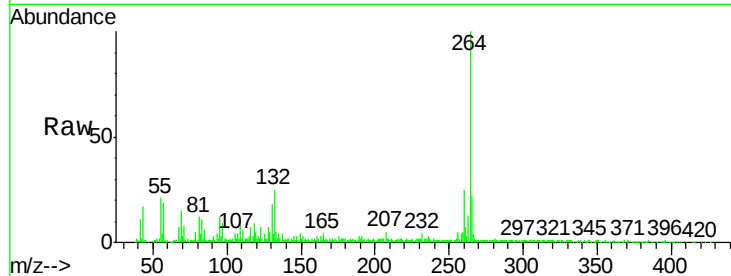
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.02 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampleId :
SP-32

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.3	17.5	26.3

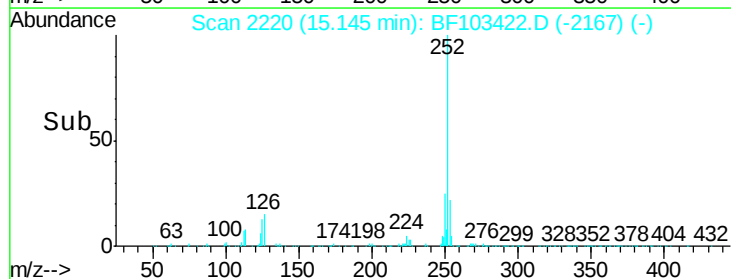
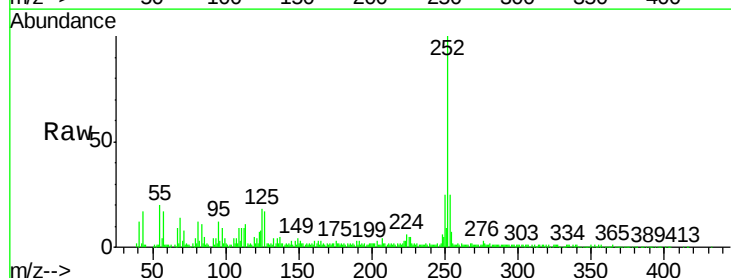
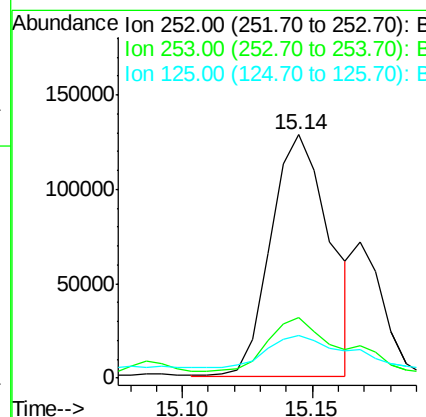
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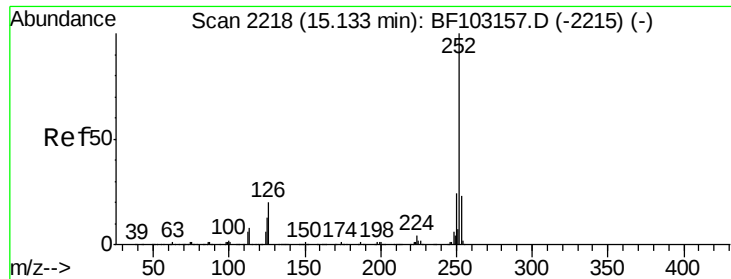
Sohil
3/6/2018 4:23:26 PM



#87
Benzo(b)fluoranthene
Concen: 19.195 ng m
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	17.7	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 5.854 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BF103422.D

Acq: 5 Mar 2018 21:23

Instrument :

BNA_F

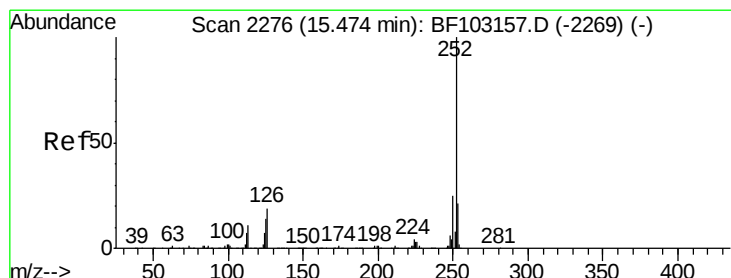
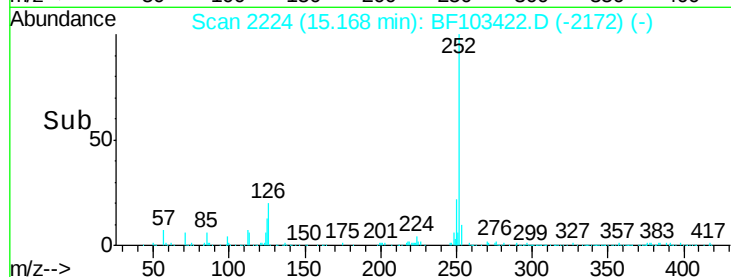
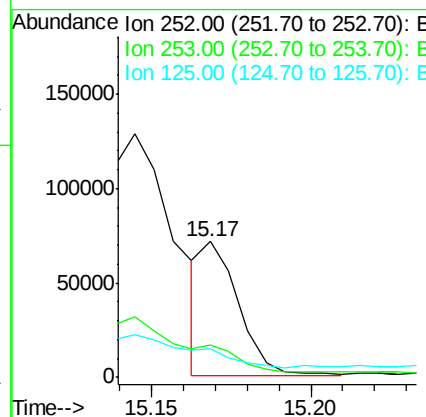
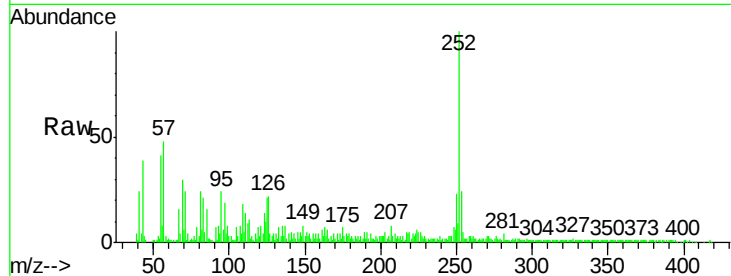
ClientSampled :

SP-32

Tot Ion:	252	Resp:	57917
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.9	26.9
125	21.4	10.2	15.2

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 13.617 ng

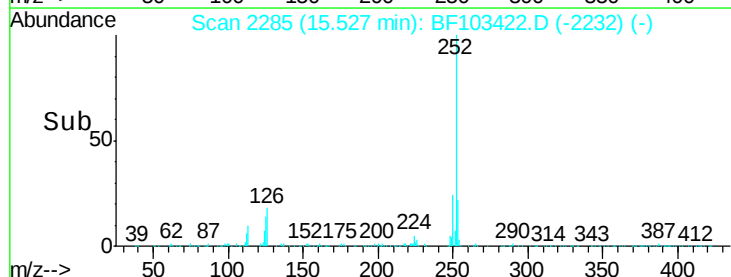
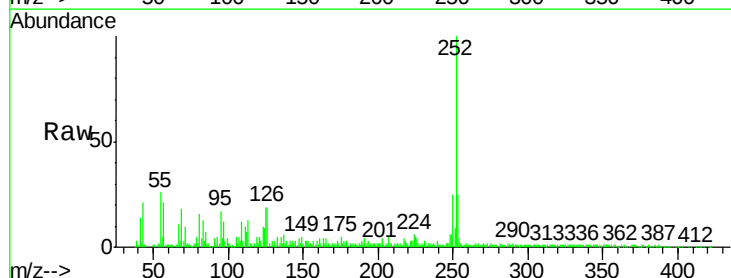
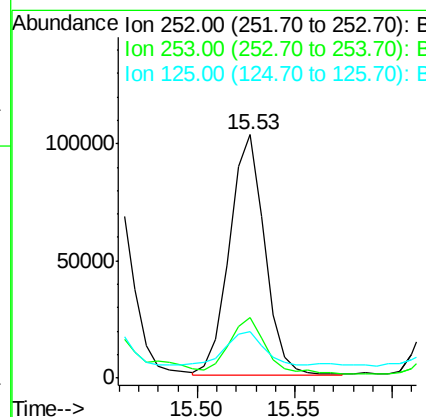
RT: 15.53 min Scan# 2285

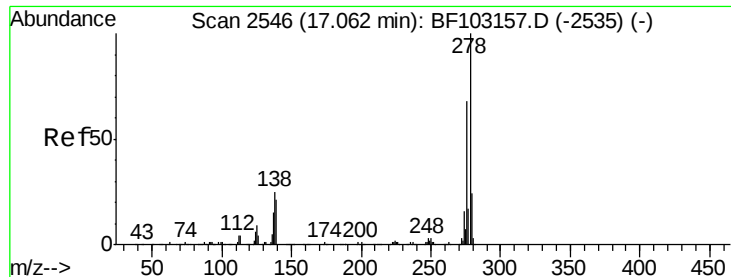
Delta R.T. 0.01 min

Lab File: BF103422.D

Acq: 5 Mar 2018 21:23

Tgt Ion:	252	Resp:	127762
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.1	25.7
125	19.3	9.8	14.6





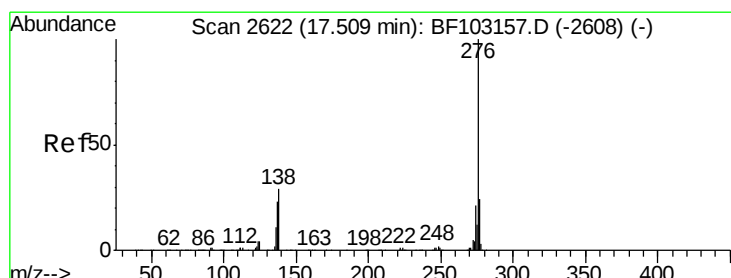
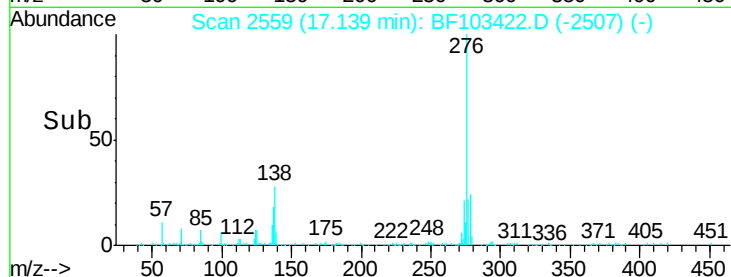
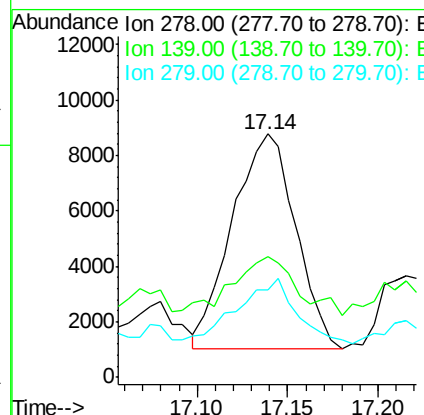
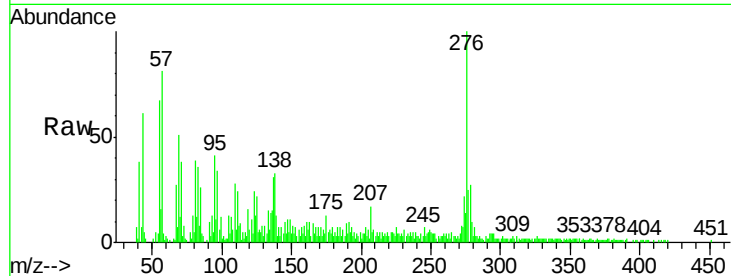
#90
Dibenzo(a,h)anthracene
Concen: 2.579 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Instrument :
BNA_F
ClientSampled :
SP-32

Tot Ion	Ratio	Lower	Upper
278	100		
139	49.8	15.9	23.9#
279	35.9	19.0	28.4#

Manual Integrations
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3/6/2018 4:23:26 PM



#91
Benzo(g,h,i)perylene
Concen: 9.151 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.03 min
Lab File: BF103422.D
Acq: 5 Mar 2018 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	31.2	21.8	32.8

