

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103860.D
 Acq On : 22 Mar 2018 18:59
 Operator : JU/SJ
 Sample : J1991-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WES-0-6

Manual Integrations
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Quant Time: Mar 23 11:41:07 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141546	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	551909	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	220089	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	330875	20.00	ng	0.00
75) Chrysene-d12	14.16	240	292928	20.00	ng	0.00
86) Perylene-d12	15.70	264	241960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	933917	100.35	ng	0.00
7) Phenol-d6	6.60	99	1127066	98.99	ng	0.00
23) Nitrobenzene-d5	7.53	82	672568	84.98	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	204253	107.94	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1092380	79.17	ng	0.00
78) Terphenyl-d14	13.09	244	839658	66.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	87981	5.240	ng	99
70) Phenanthrene	11.53	178	122329	6.759	ng	99
74) Fluoranthene	12.73	202	189785	10.178	ng	95
77) Pyrene	12.96	202	197994	9.204	ng	99
80) Benzo(a)anthracene	14.15	228	90993m	4.907	ng	
82) Chrysene	14.19	228	85722	4.850	ng	98
87) Benzo(b)fluoranthene	15.24	252	77231m	5.052	ng	
89) Benzo(a)pyrene	15.63	252	54651	3.942	ng	# 92
91) Benzo(g,h,i)perylene	17.76	276	27302	2.338	ng	96

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

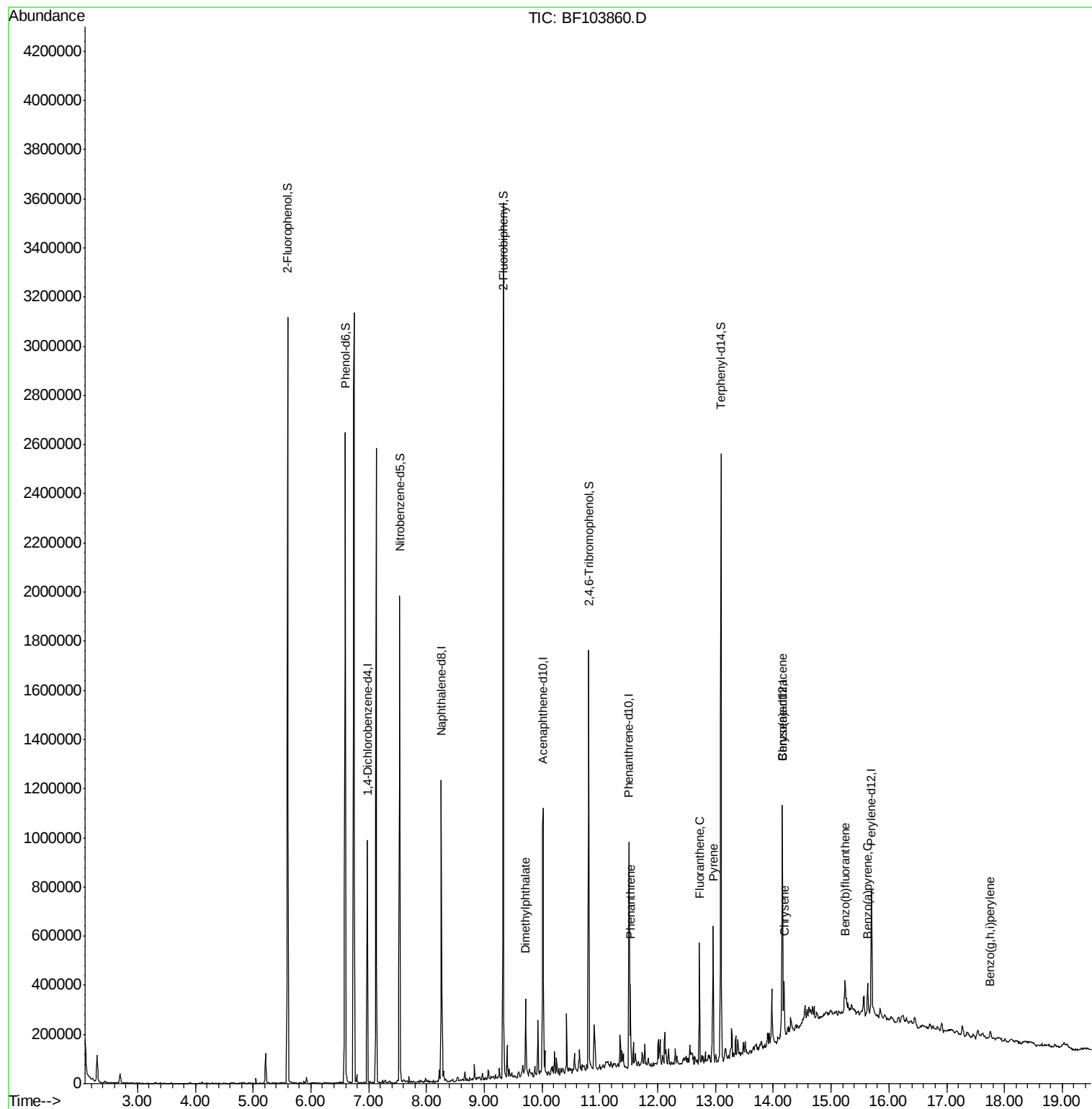
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103860.D
Acq On : 22 Mar 2018 18:59
Operator : JU/SJ
Sample : J1991-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

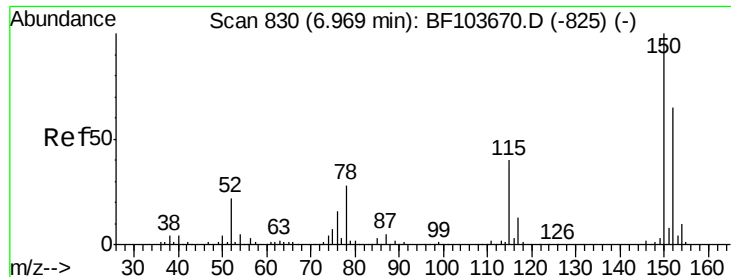
Instrument :
BNA_F
ClientSampleId :
WES-0-6

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Quant Time: Mar 23 11:41:07 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 11:56:49 2018
Response via : Initial Calibration





#1

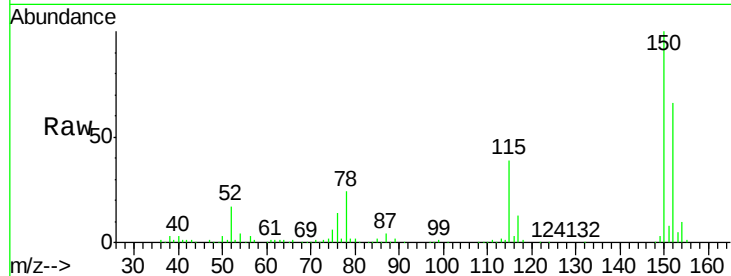
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Instrument :
BNA_F
ClientSampleId :
WES-0-6

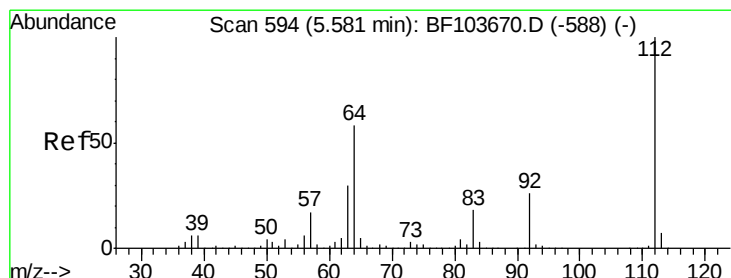
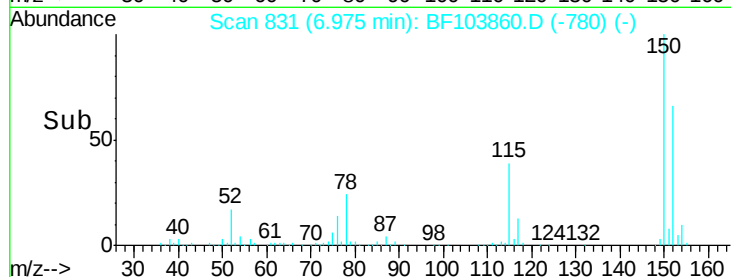
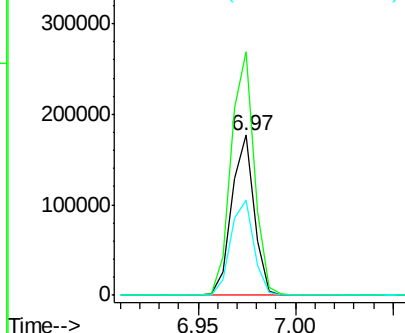
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	59.9	50.1	75.1

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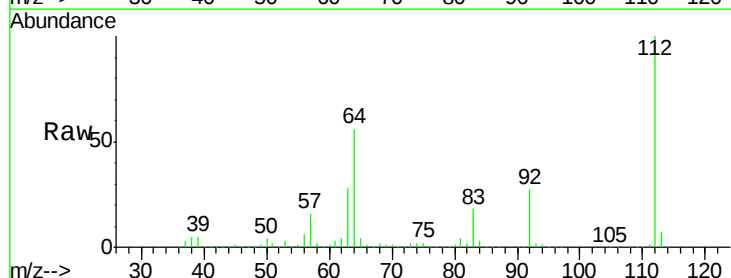
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



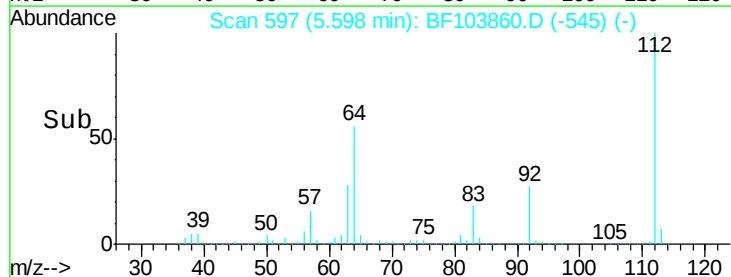
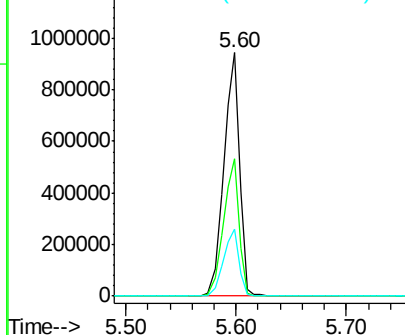
#5

2-Fluorophenol
Concen: 100.355 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.992 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103860.D

Acq: 22 Mar 2018 18:59

Instrument :

BNA_F

ClientSampled :

WES-0-6

Tgt Ion: 99 Resp: 1127066

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

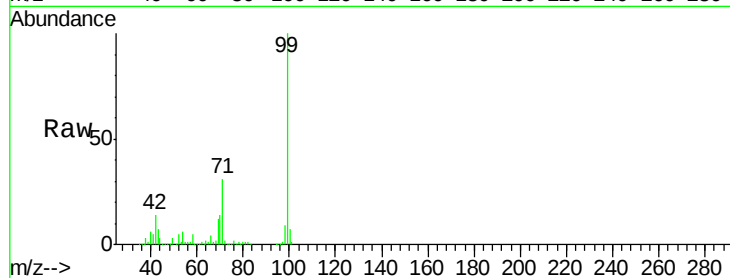
71 30.8 25.4 38.0

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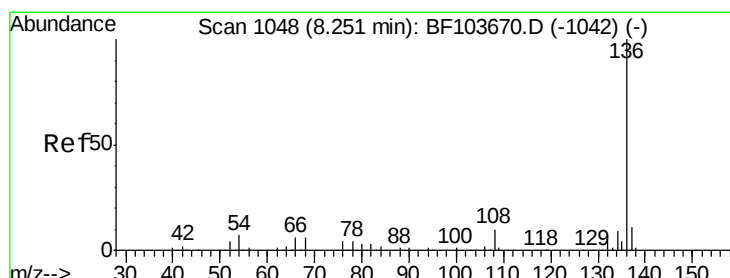
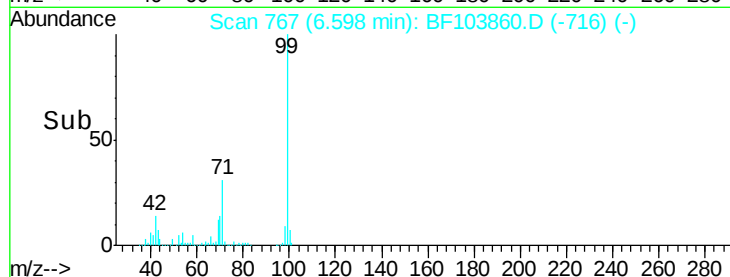
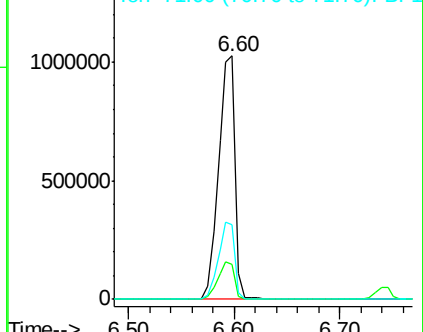
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103860.D

Acq: 22 Mar 2018 18:59

Tgt Ion: 136 Resp: 551909

Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.5 6.6 9.8#

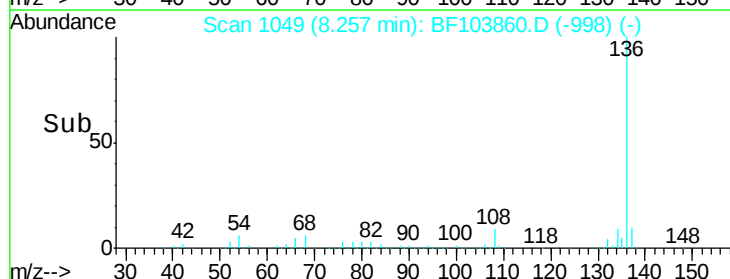
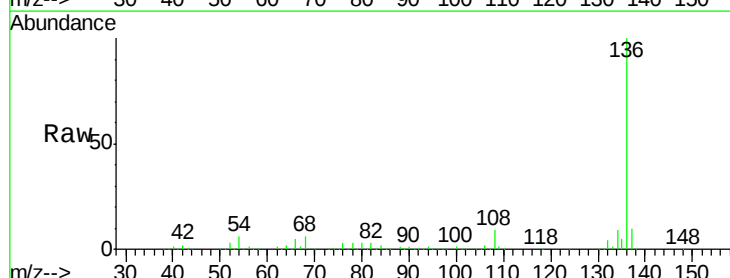
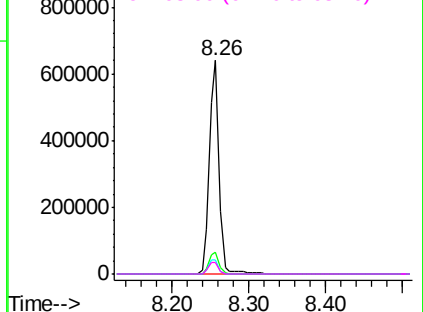
68 5.6 5.0 7.4

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





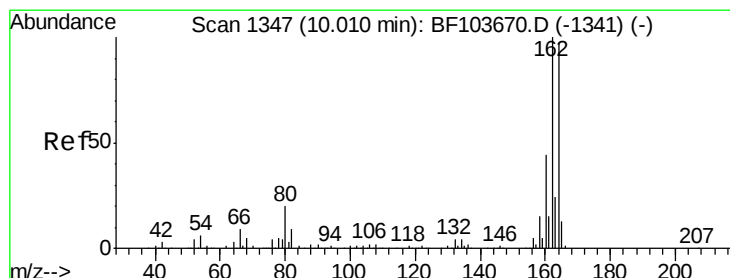
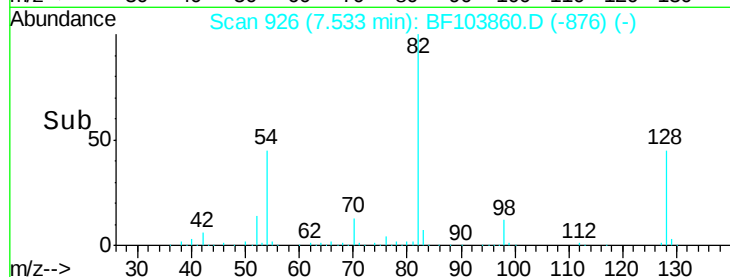
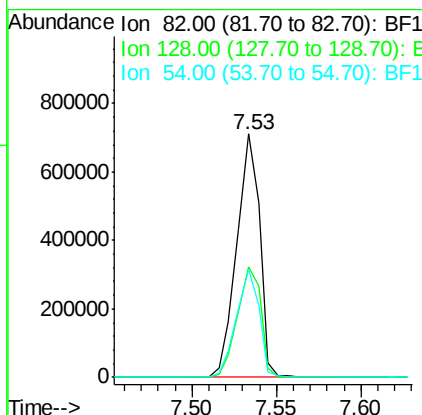
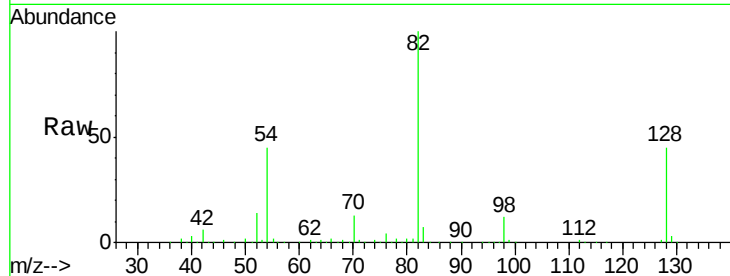
#23
 Nitrobenzene-d5
 Concen: 84.982 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103860.D
 Acq: 22 Mar 2018 18:59

Instrument :
 BNA_F
 ClientSampleId :
 WES-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	672568		
128	45.5	36.1	54.1	
54	44.6	41.4	62.2	

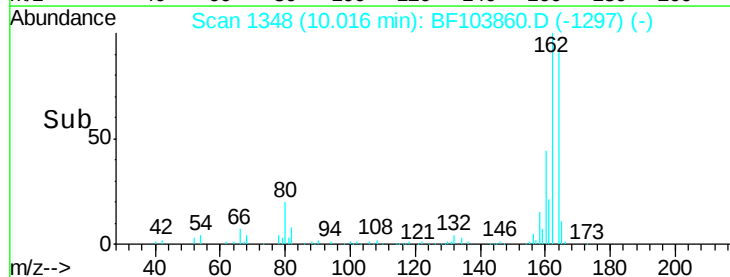
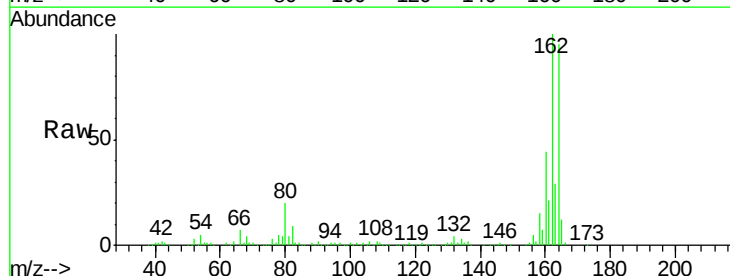
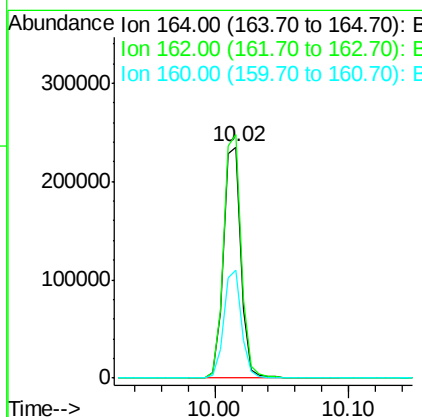
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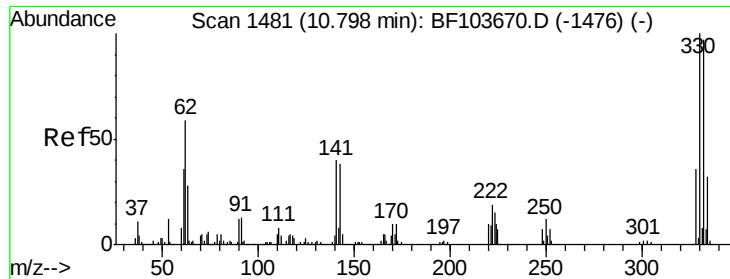
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF103860.D
 Acq: 22 Mar 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220089		
162	105.3	86.1	129.1	
160	46.5	38.3	57.5	





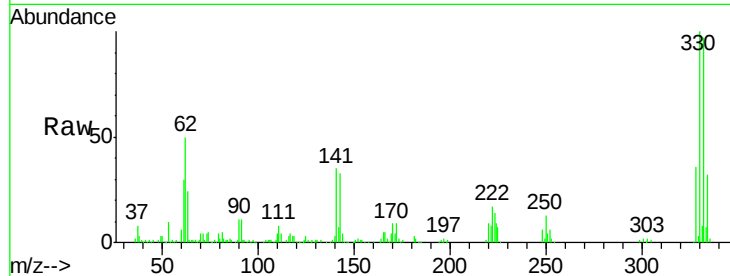
#41
 2,4,6-Tribromophenol
 Concen: 107.937 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103860.D
 Acq: 22 Mar 2018 18:59

Instrument :
 BNA_F
 ClientSampleId :
 WES-0-6

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	204253		
332	97.6	77.0	115.6	
141	33.3	29.9	44.9	

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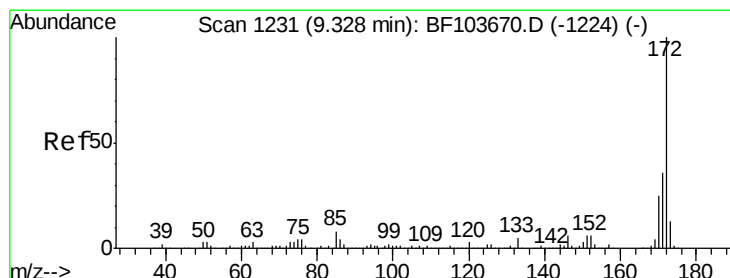
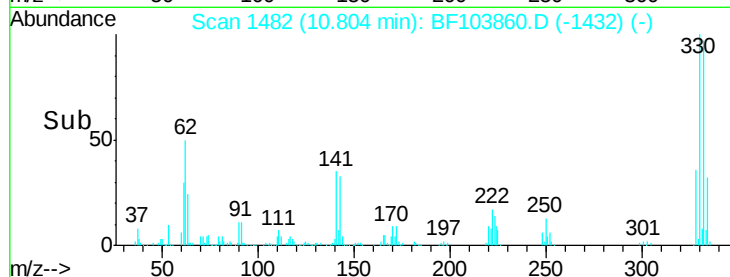
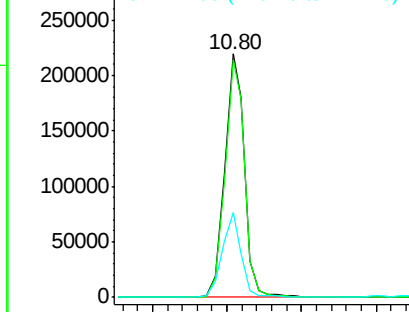


Abundance

Ion 329.80 (329.50 to 330.50): E

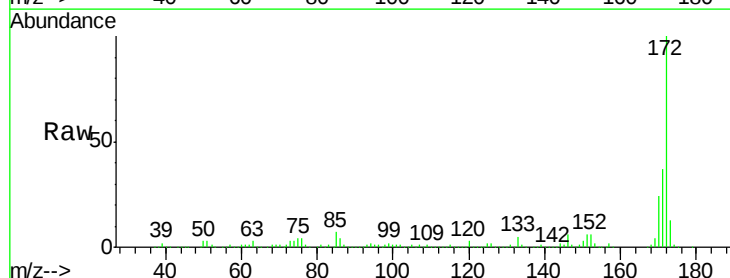
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.173 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103860.D
 Acq: 22 Mar 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1092380		
171	36.6	29.7	44.5	
170	24.1	19.6	29.4	

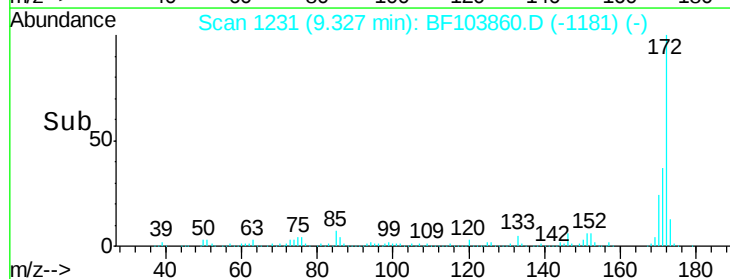
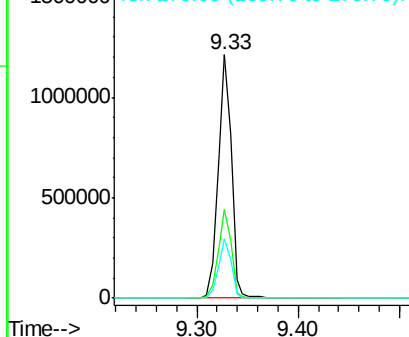


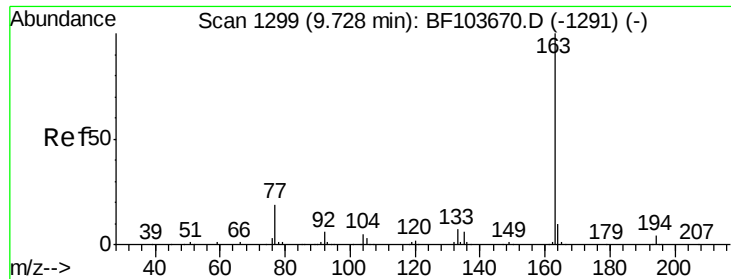
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





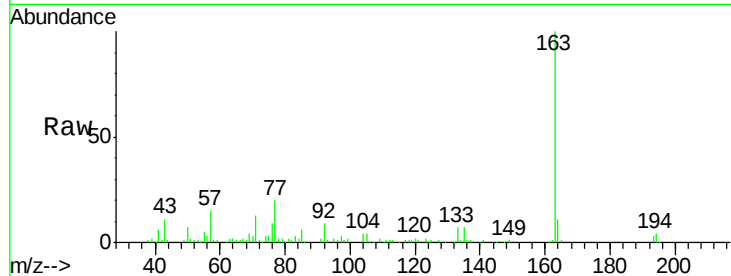
#49
Dimethylphthalate
Concen: 5.240 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Instrument :
BNA_F
ClientSampled :
WES-0-6

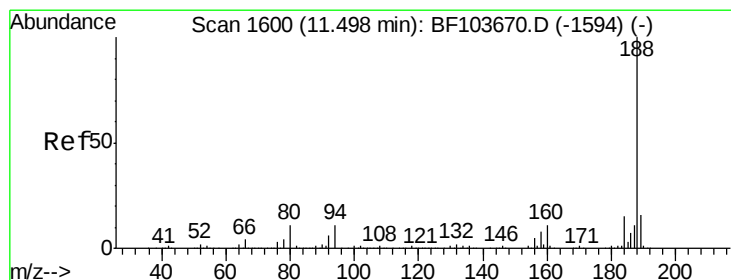
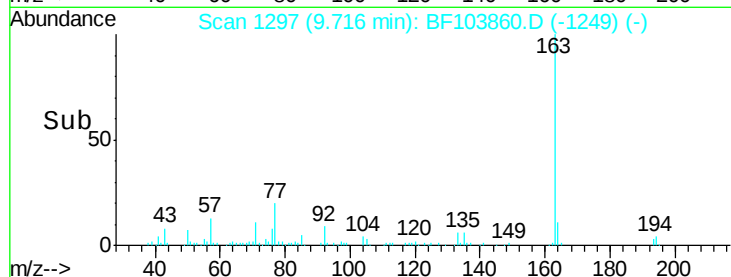
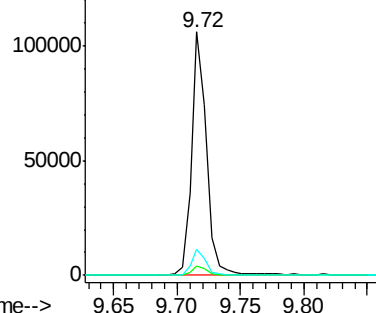
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.7	8.2	12.2

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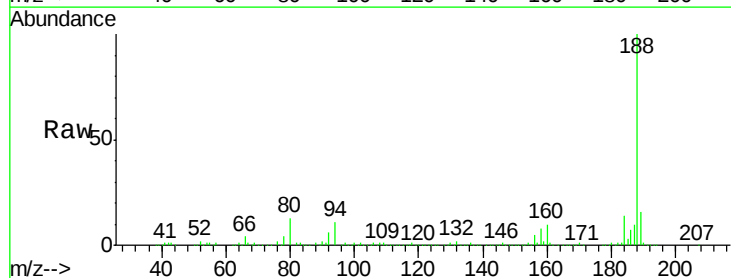


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

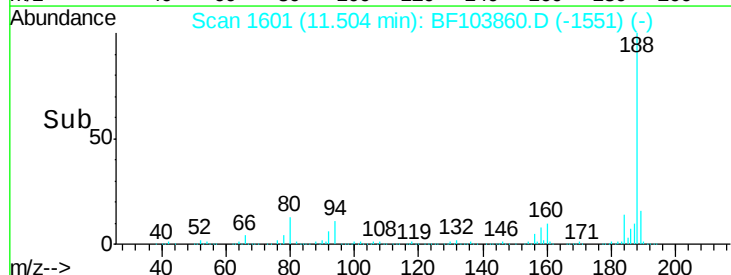
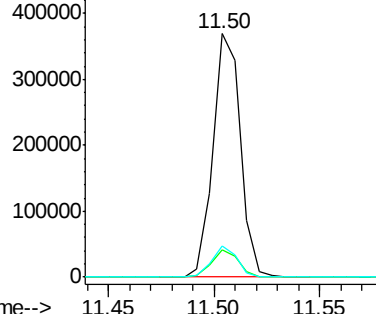


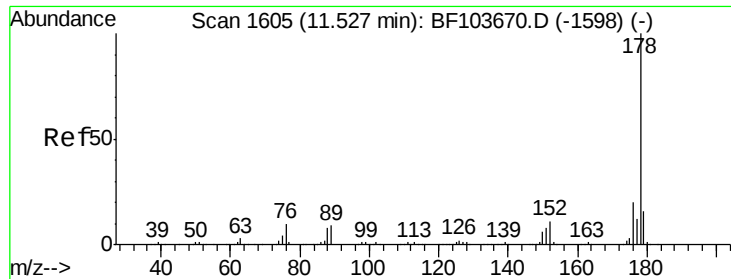
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.6	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





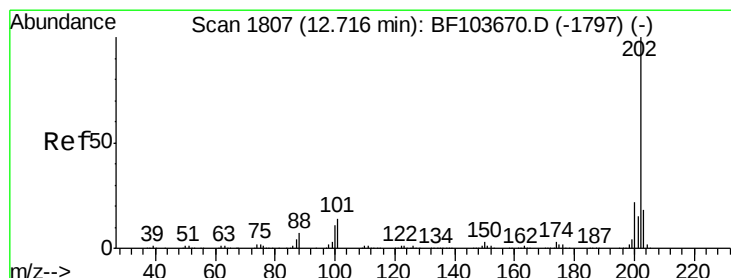
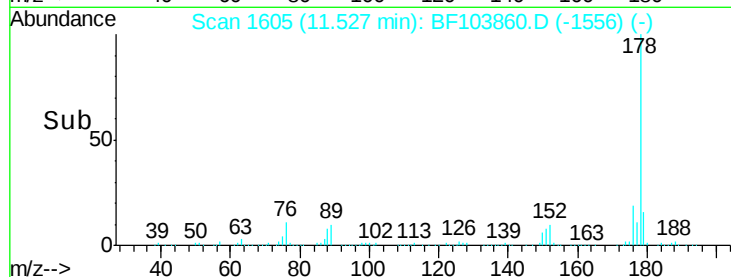
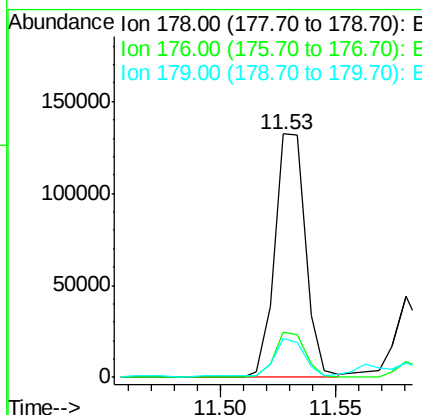
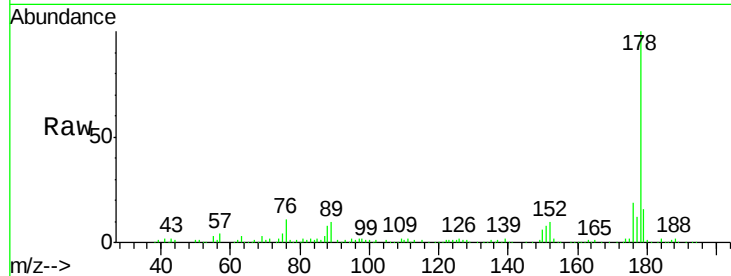
#70
Phenanthrene
Concen: 6.759 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Instrument :
BNA_F
ClientSampleId :
WES-0-6

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.1	13.0	19.6

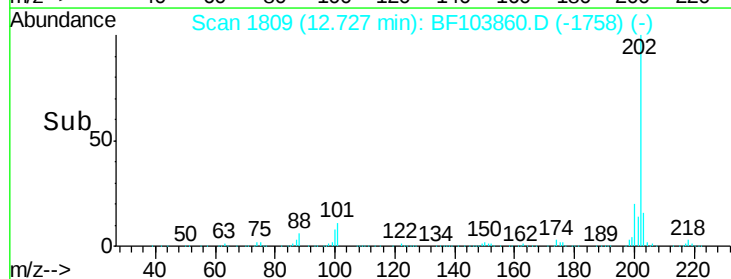
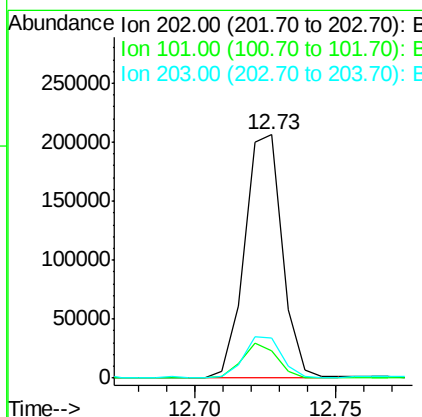
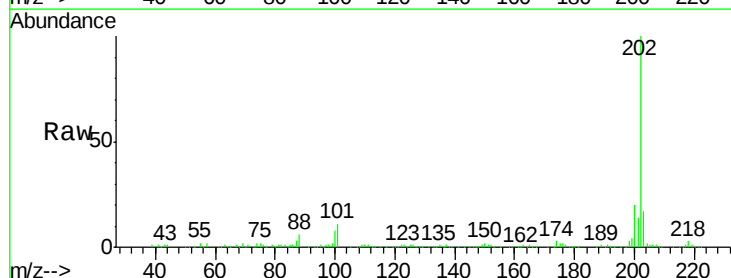
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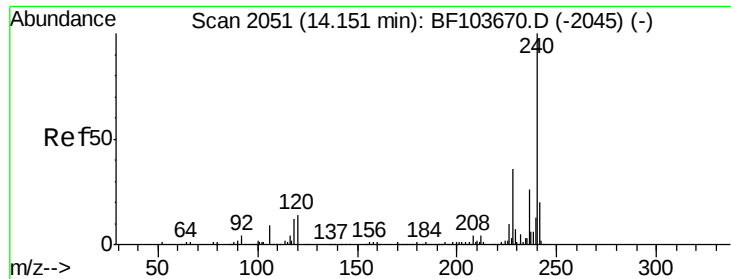
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#74
Fluoranthene
Concen: 10.178 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	16.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF103860.D

Acq: 22 Mar 2018 18:59

Instrument :

BNA_F

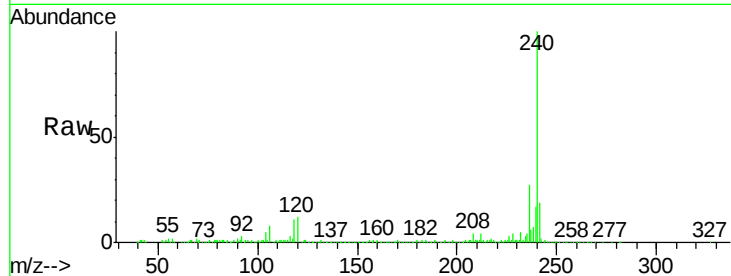
ClientSampleId :

WES-0-6

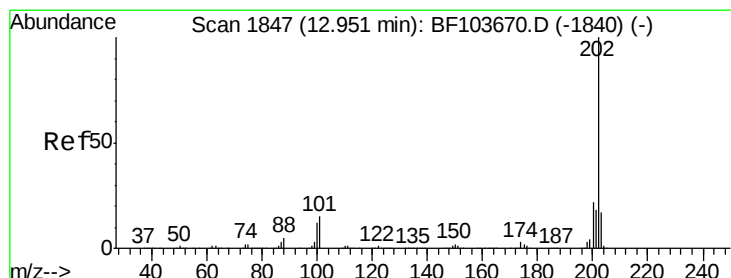
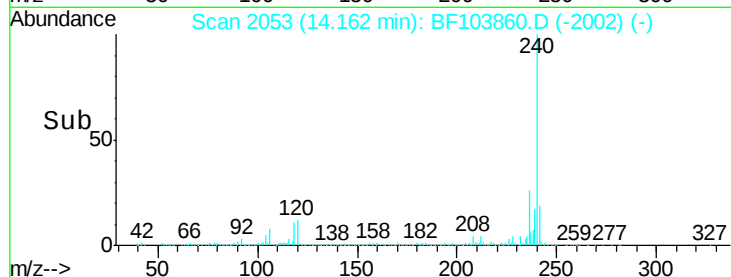
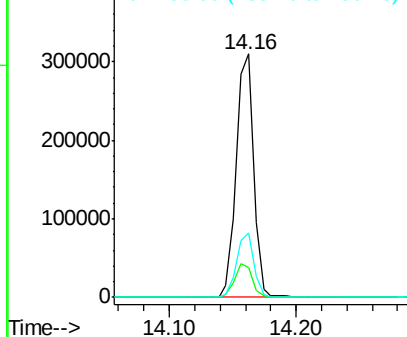
Tgt Ion:	240	Resp:	292928
Ion Ratio		Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.6	20.7	31.1

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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: 9.204 ng

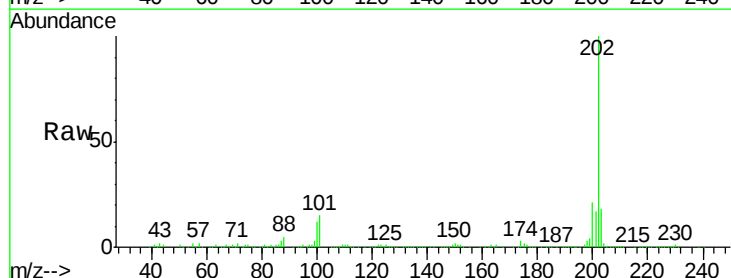
RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

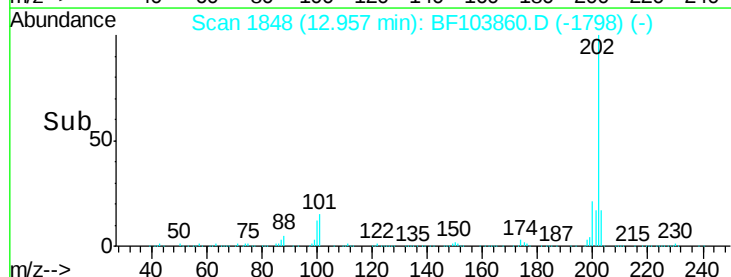
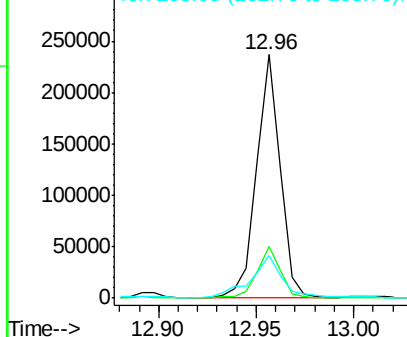
Lab File: BF103860.D

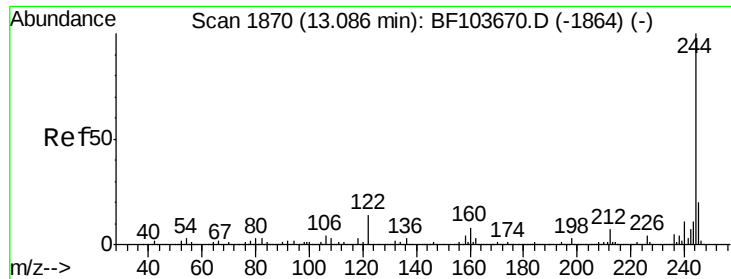
Acq: 22 Mar 2018 18:59

Tgt Ion:	202	Resp:	197994
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	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





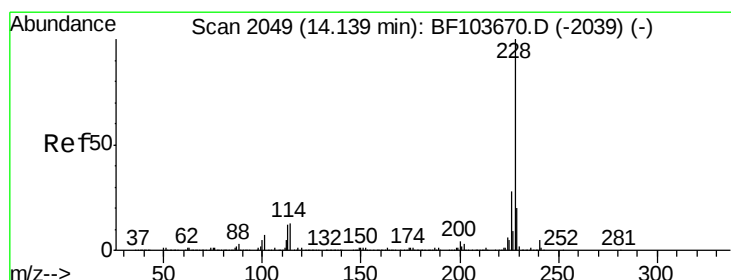
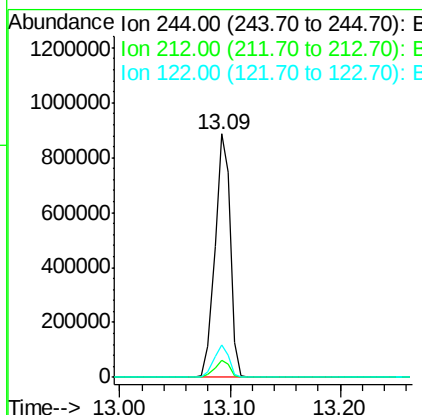
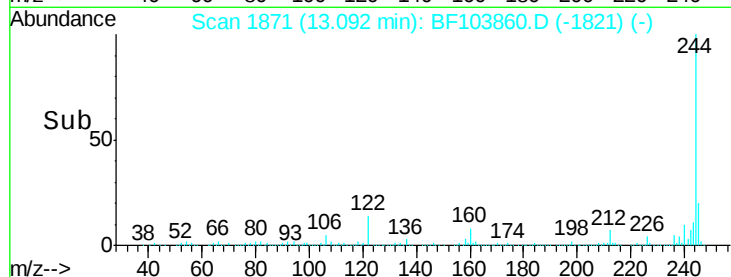
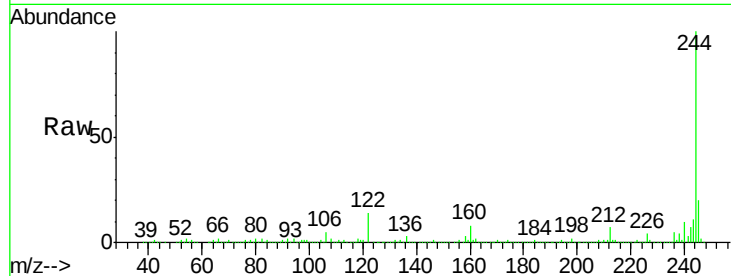
#78
 Terphenyl-d14
 Concen: 66.534 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103860.D
 Acq: 22 Mar 2018 18:59

Instrument :
 BNA_F
 ClientSampled :
 WES-0-6

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4

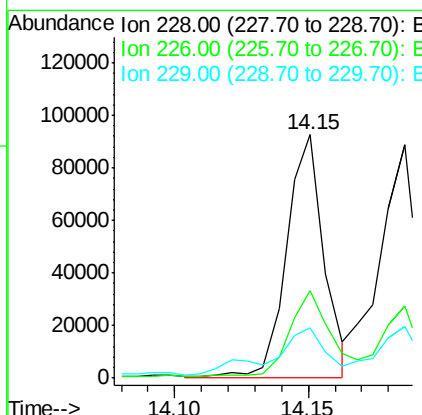
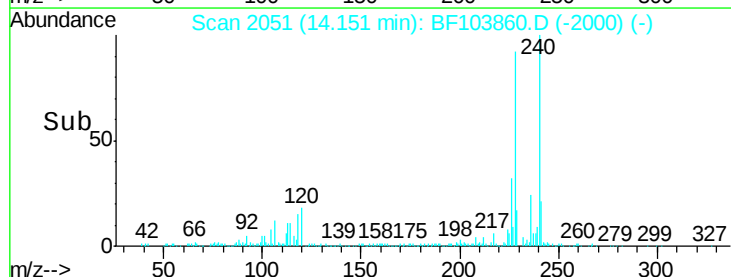
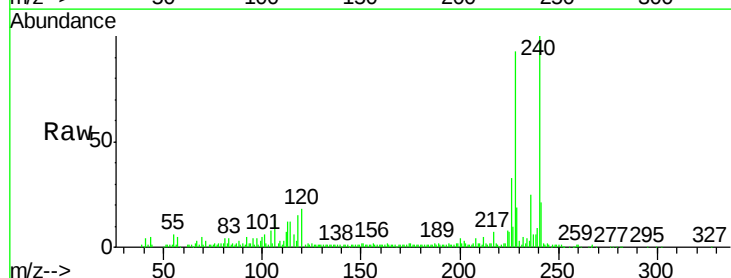
Manual Integrations
 APPROVED

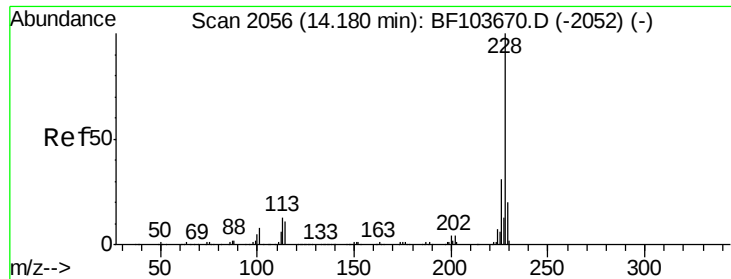
Sohil
 3/23/2018 2:46:49 PM



#80
 Benzo(a)anthracene
 Concen: 4.907 ng m
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF103860.D
 Acq: 22 Mar 2018 18:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.1	22.6	33.8#
229	20.8	15.8	23.6





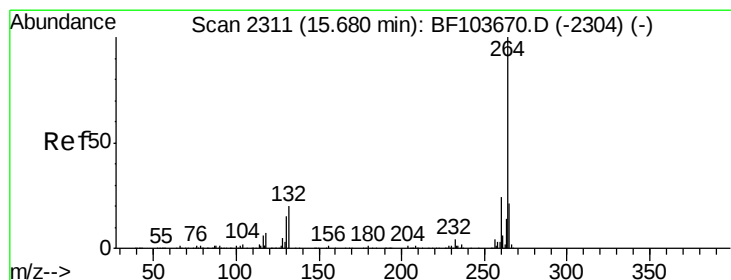
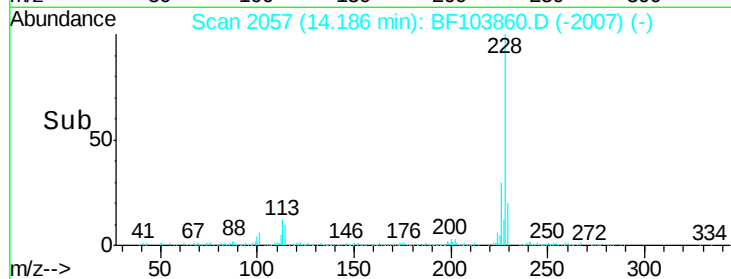
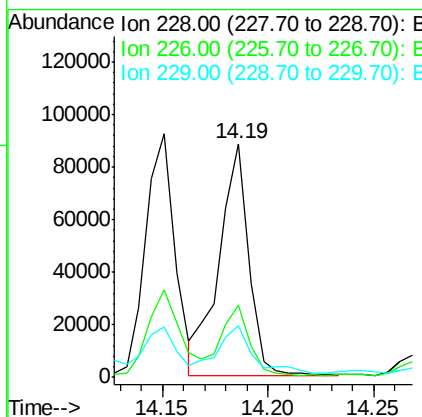
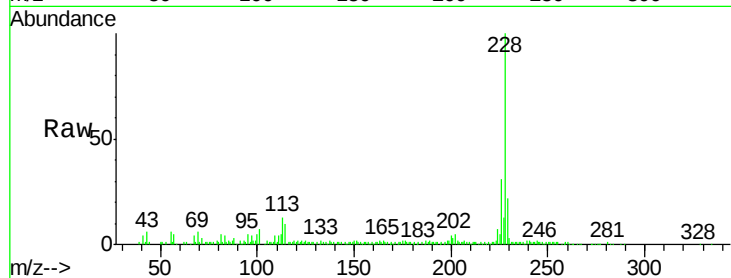
#82
Chrysene
Concen: 4.850 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Instrument :
BNA_F
ClientSampleId :
WES-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.3	16.2	24.4

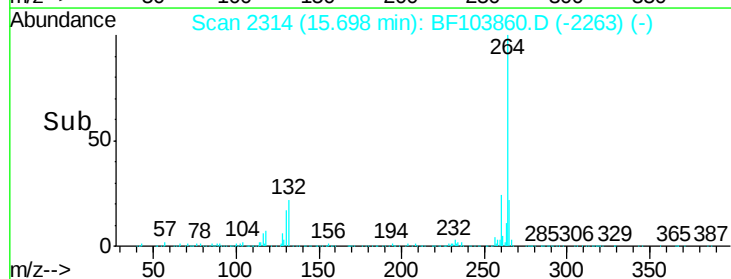
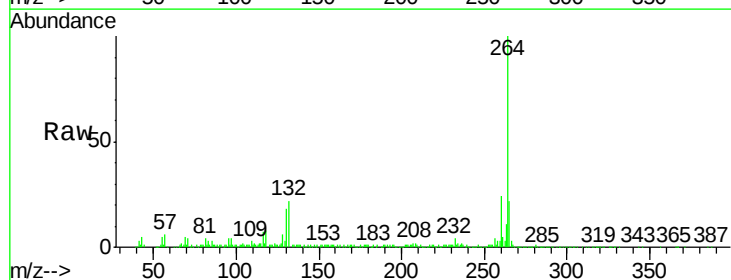
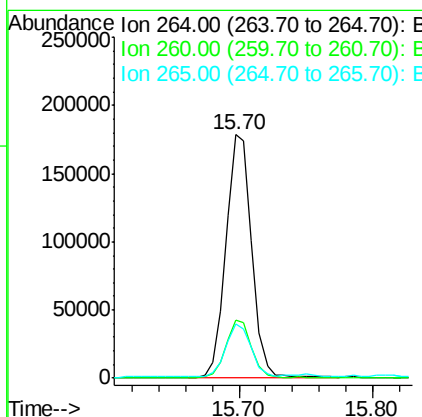
Manual Integrations
APPROVED

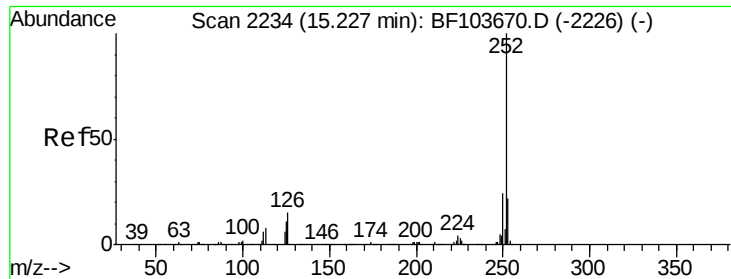
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3





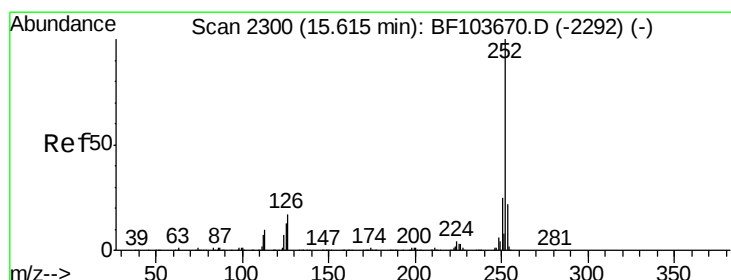
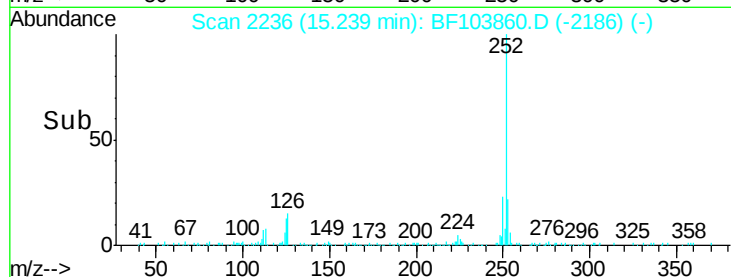
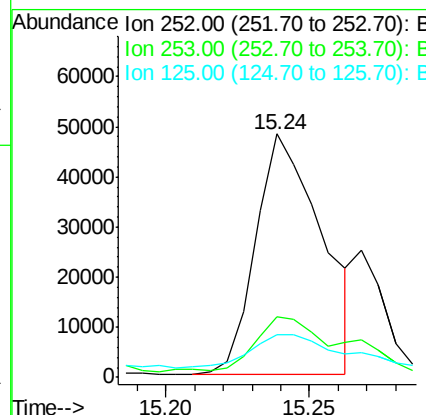
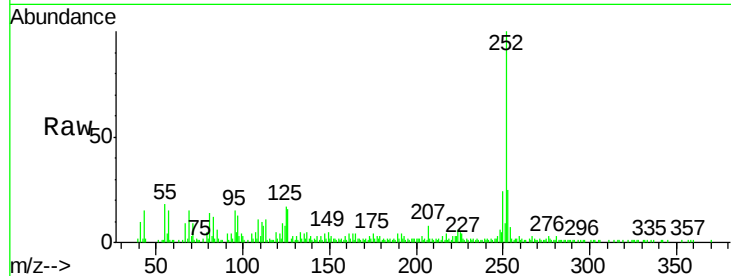
#87
Benzo(b)fluoranthene
Concen: 5.052 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Instrument :
BNA_F
ClientSampled :
WES-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	17.4	9.0	13.6

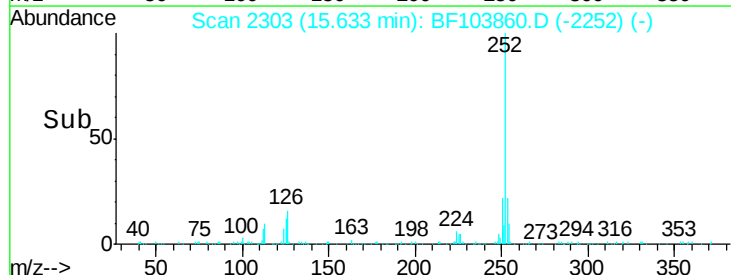
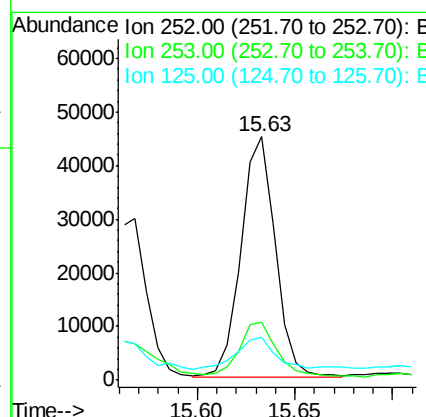
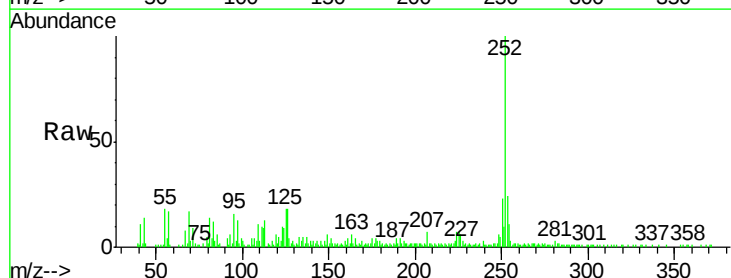
Manual Integrations
APPROVED

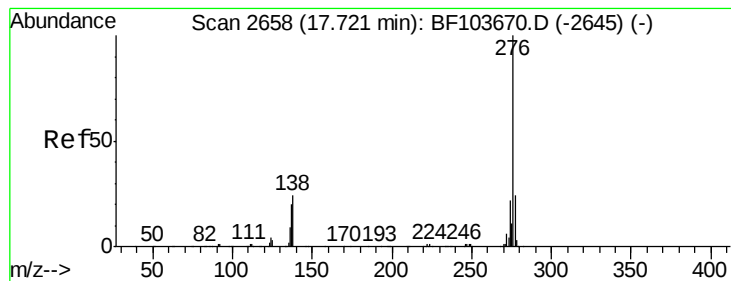
Sohil
3/23/2018 2:46:49 PM



#89
Benzo(a)pyrene
Concen: 3.942 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF103860.D
Acq: 22 Mar 2018 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	17.6	9.8	14.6





#91

Benzo(g,h,i)perylene

Concen: 2.338 ng

RT: 17.76 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BF103860.D

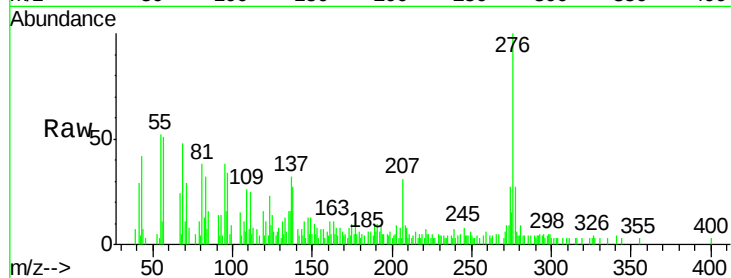
Acq: 22 Mar 2018 18:59

Instrument :

BNA_F

ClientSampleId :

WES-0-6



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

Manual Integrations
APPROVED

Sohil
3/23/2018 2:46:49 PM

