

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103713.D
 Acq On : 16 Mar 2018 22:53
 Operator : JU/SJ
 Sample : J1938-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Manual Integrations
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Sohil
 3/19/2018 2:02:37 PM

Quant Time: Mar 17 03:40:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	181249	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	738684	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	316118	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	473595	20.00	ng	0.00
75) Chrysene-d12	14.15	240	333045	20.00	ng	0.00
86) Perylene-d12	15.69	264	284584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1078775	90.53	ng	0.02
7) Phenol-d6	6.59	99	1342695	92.10	ng	0.00
23) Nitrobenzene-d5	7.53	82	797724	75.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	247020	90.88	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1249962	63.07	ng	0.00
78) Terphenyl-d14	13.09	244	870980	60.70	ng	0.00
Target Compounds						
10) Phenol	6.60	94	42076	2.716	ng	99
49) Dimethylphthalate	9.72	163	134418	5.573	ng	99
74) Fluoranthene	12.72	202	112172	4.203	ng	96
77) Pyrene	12.95	202	120124	4.911	ng	99
80) Benzo(a)anthracene	14.14	228	85086	4.036	ng	98
82) Chrysene	14.17	228	80760	4.019	ng	97
85) Indeno(1,2,3-cd)pyrene	17.24	276	43296	2.467	ng	95
87) Benzo(b)fluoranthene	15.23	252	107576m	5.983	ng	
88) Benzo(k)fluoranthene	15.26	252	40582m	2.348	ng	
89) Benzo(a)pyrene	15.62	252	75973	4.659	ng	# 94
91) Benzo(g,h,i)perylene	17.72	276	40311	2.934	ng	96

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

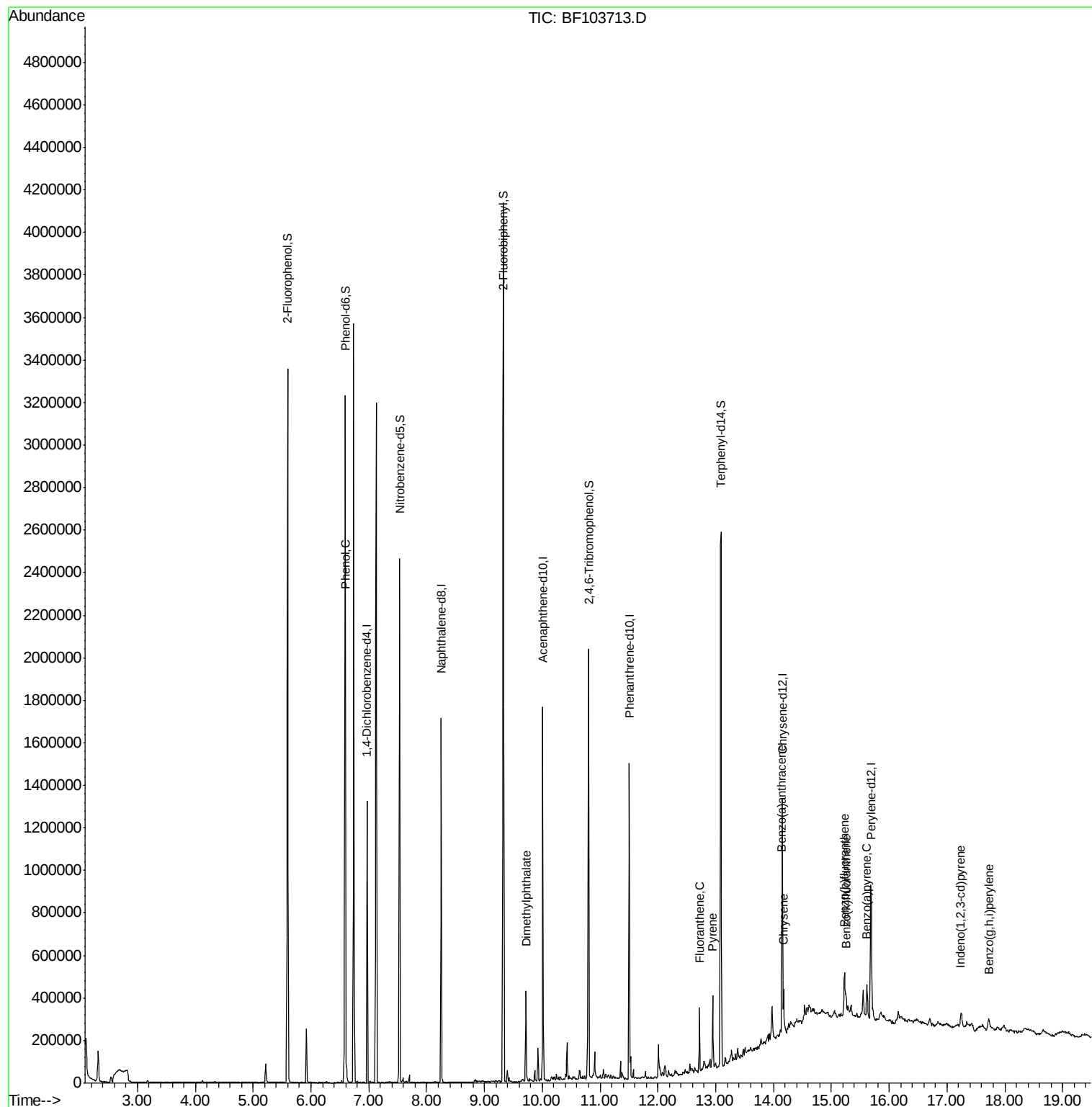
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103713.D
Acq On : 16 Mar 2018 22:53
Operator : JU/SJ
Sample : J1938-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

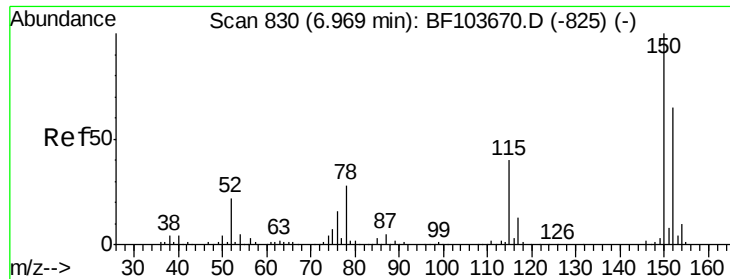
Instrument :
BNA_F
ClientSampled :
CS-1

Manual Integrations
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Sohil
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Quant Time: Mar 17 03:40:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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#1

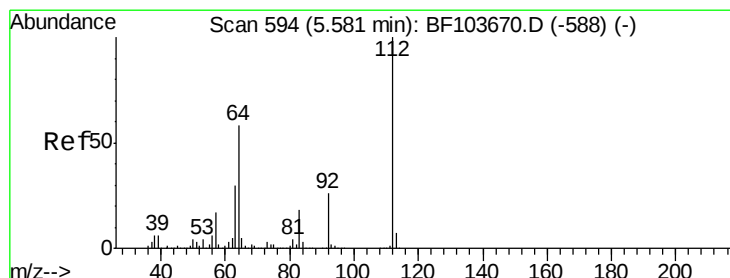
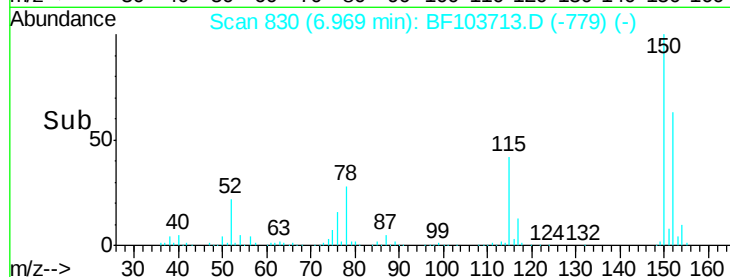
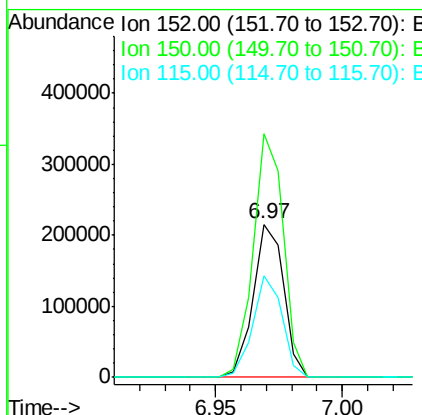
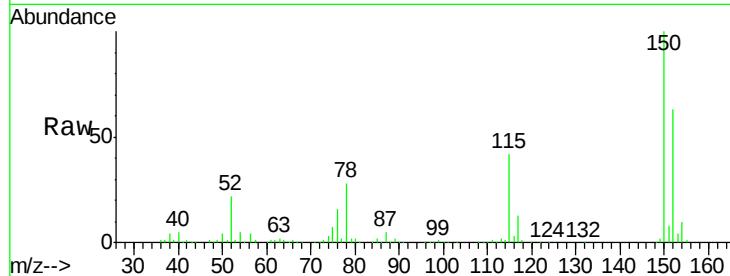
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Instrument :
BNA_F
ClientSampled :
CS-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	66.7	50.1	75.1

Manual Integrations
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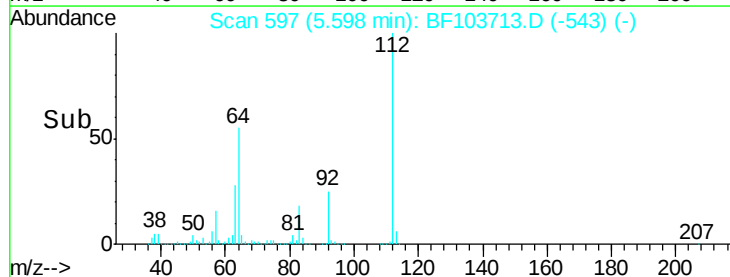
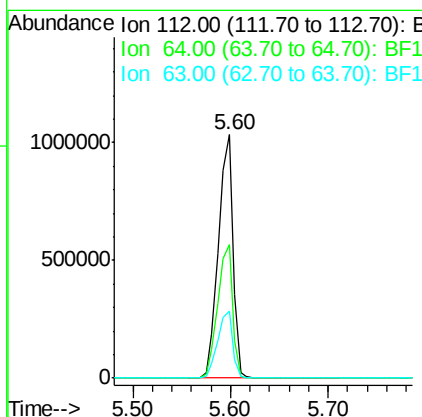
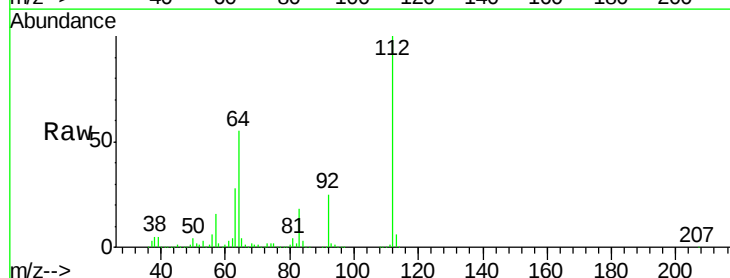
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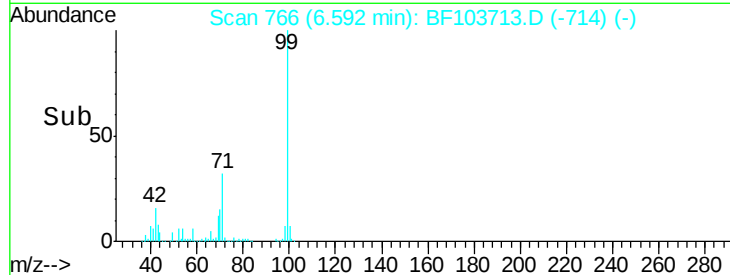
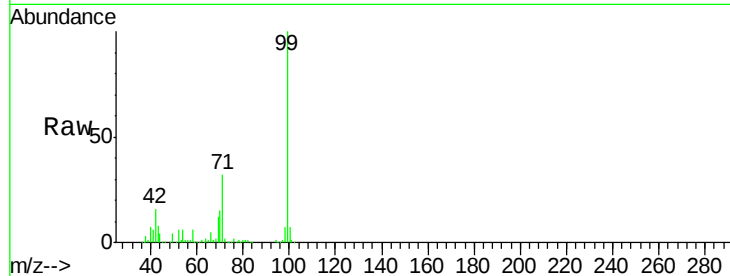
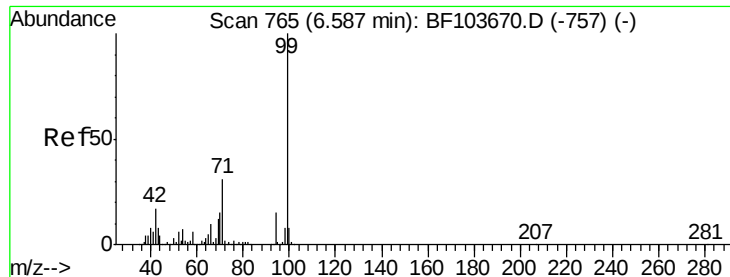


#5

2-Fluorophenol
Concen: 90.528 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 92.098 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103713.D

Acq: 16 Mar 2018 22:53

Tot Ion:	99	Resp:	1342695
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	32.0	25.4	38.0

Instrument :

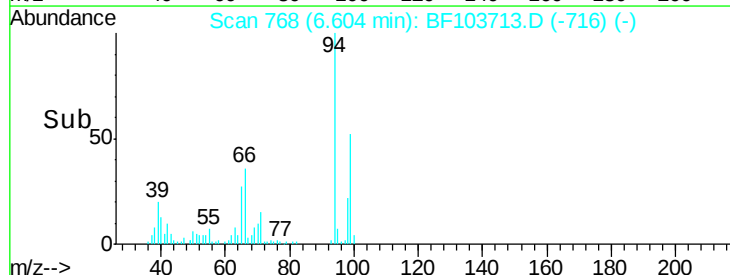
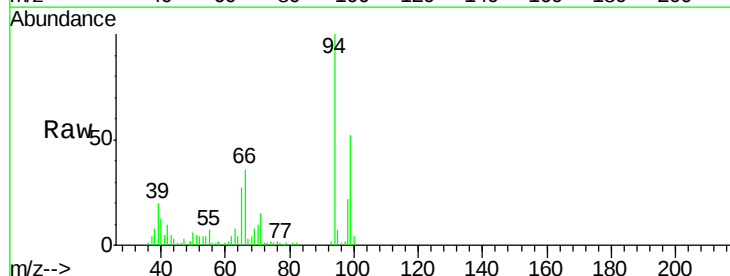
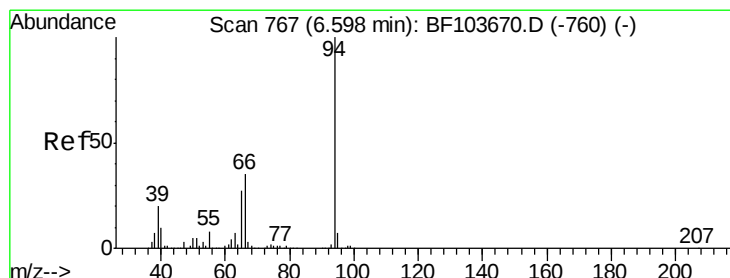
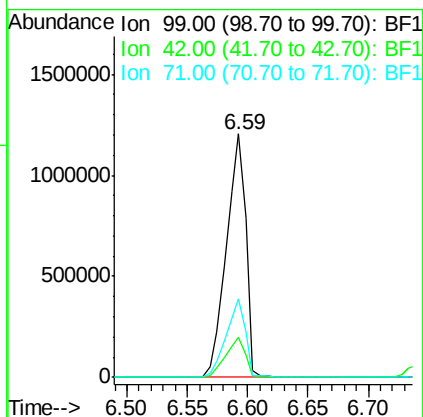
BNA_F

ClientSampled :

CS-1

Manual Integrations
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#10

Phenol

Concen: 2.716 ng

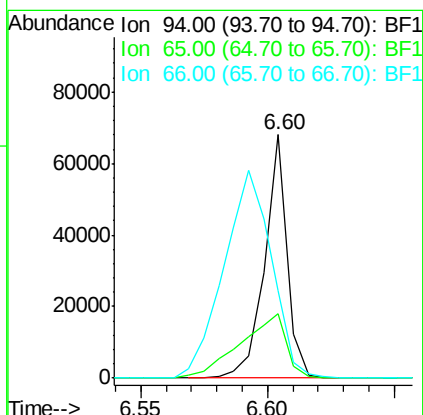
RT: 6.60 min Scan# 768

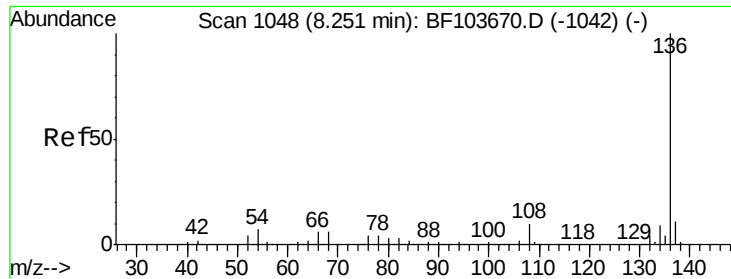
Delta R.T. 0.01 min

Lab File: BF103713.D

Acq: 16 Mar 2018 22:53

Tgt Ion:	94	Resp:	42076
Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.9	47.9
66	35.9	16.2	56.2





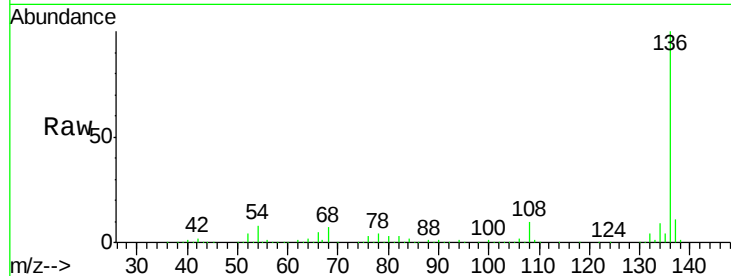
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Instrument :
BNA_F
ClientSampleId :
CS-1

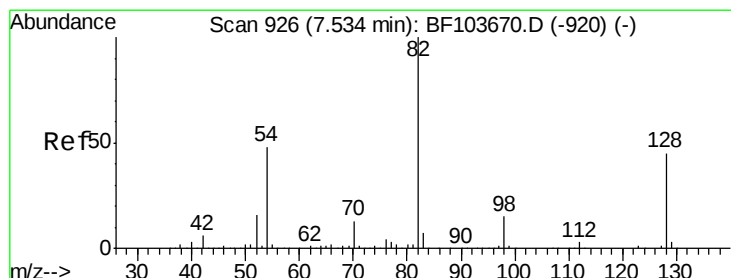
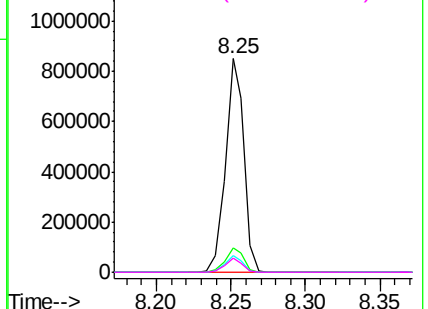
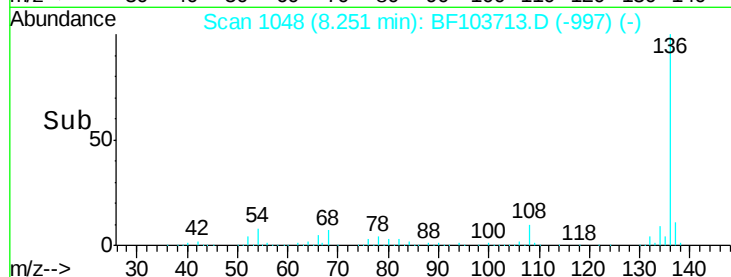
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.6	6.6	9.8
68	6.6	5.0	7.4

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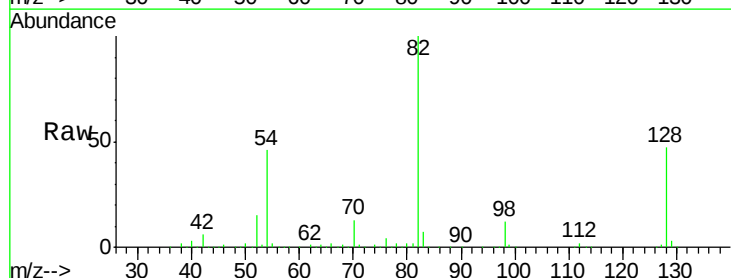


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

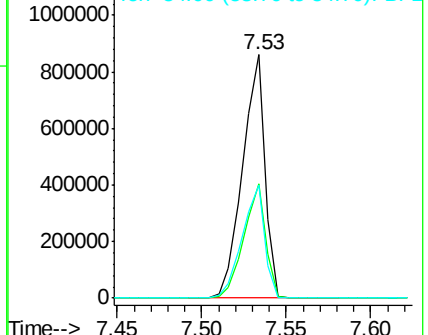
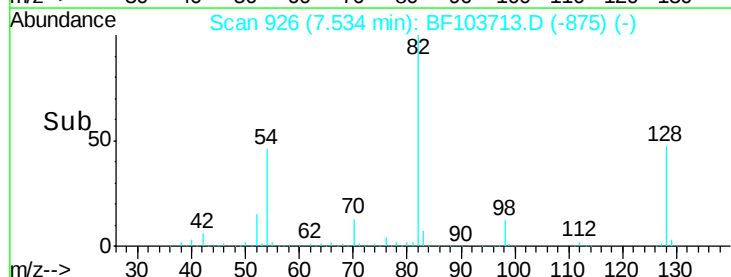


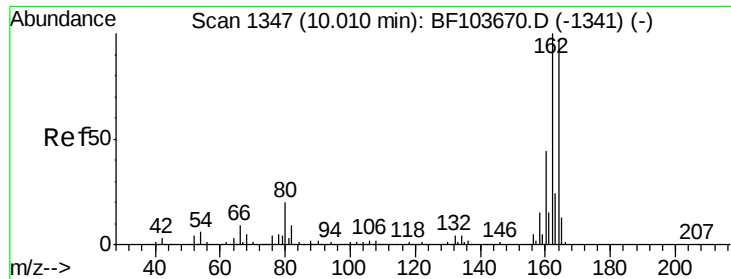
#23
Nitrobenzene-d5
Concen: 75.310 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	46.2	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





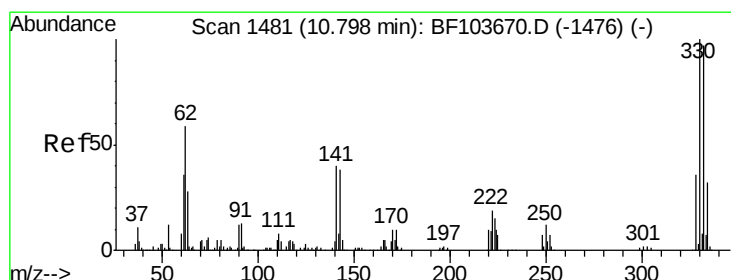
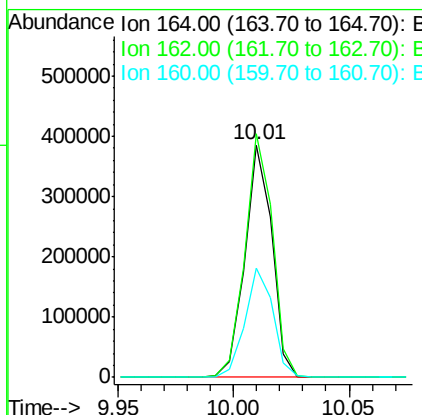
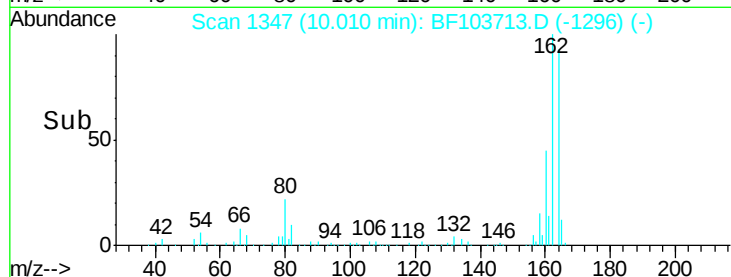
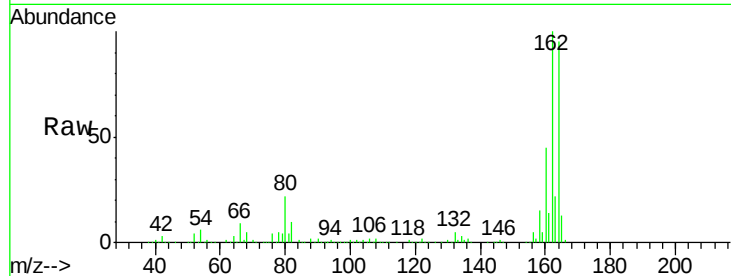
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Instrument :
BNA_F
ClientSampled :
CS-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	86.1	129.1	
160	47.1	38.3	57.5	

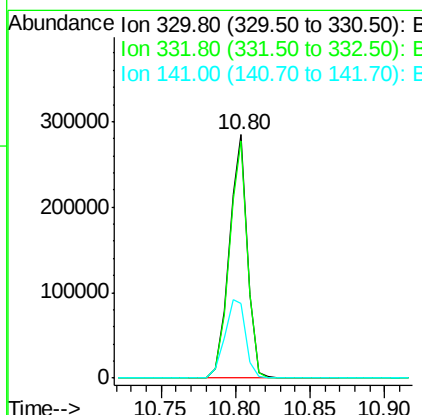
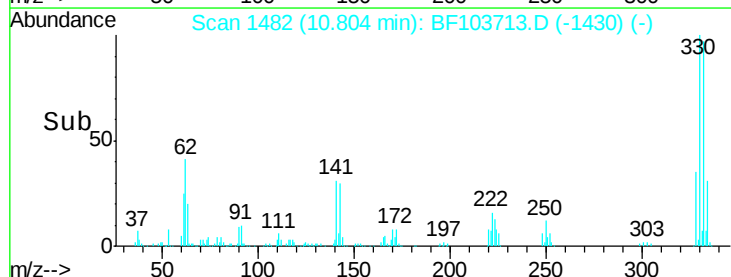
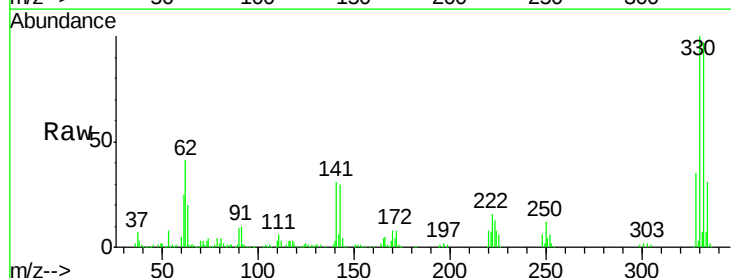
Manual Integrations
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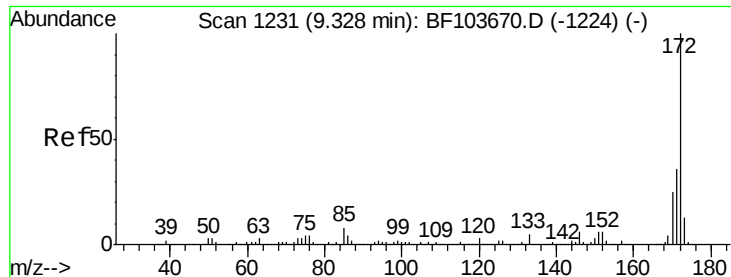
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#41
2,4,6-Tribromophenol
Concen: 90.883 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	37.1	29.9	44.9	





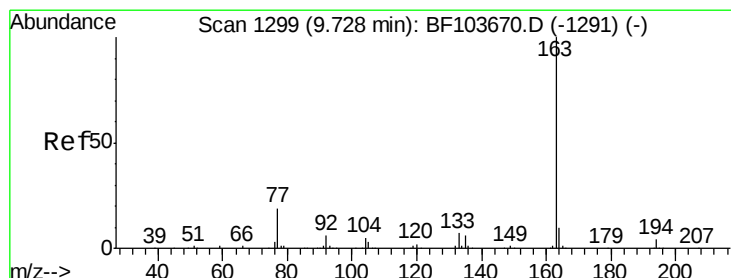
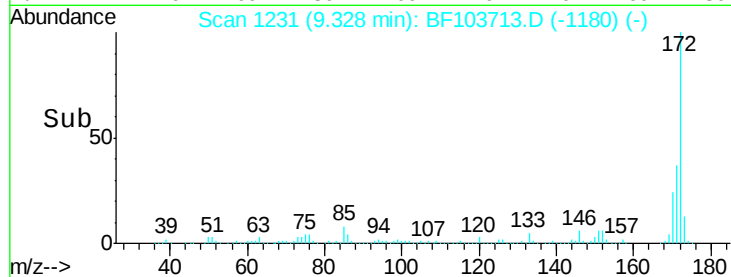
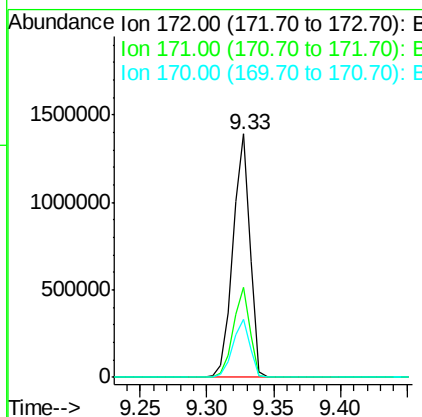
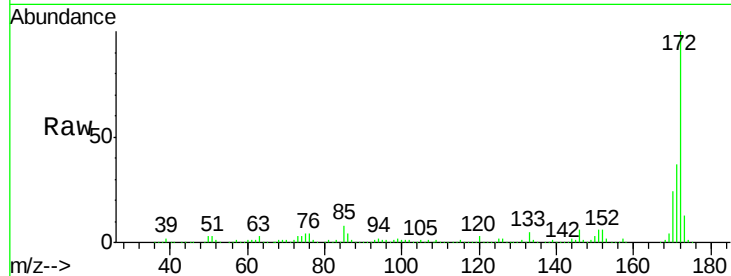
#44
2-Fluorobiphenyl
Concen: 63.074 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Instrument :
BNA_F
ClientSampleId :
CS-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4

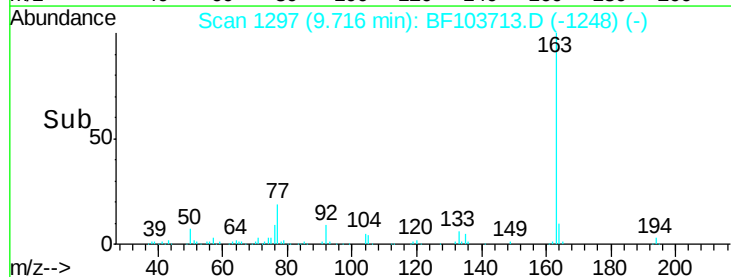
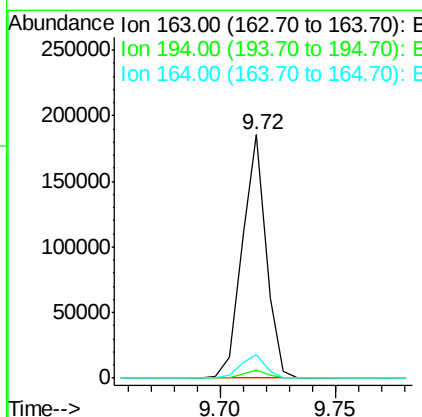
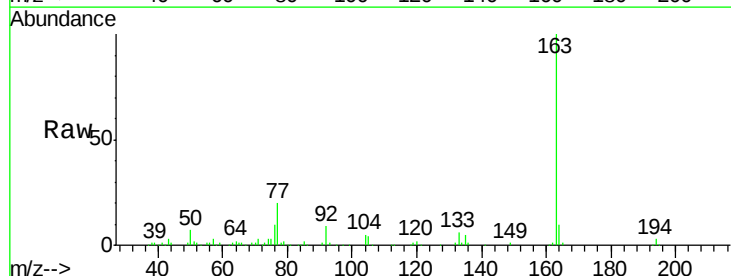
Manual Integrations
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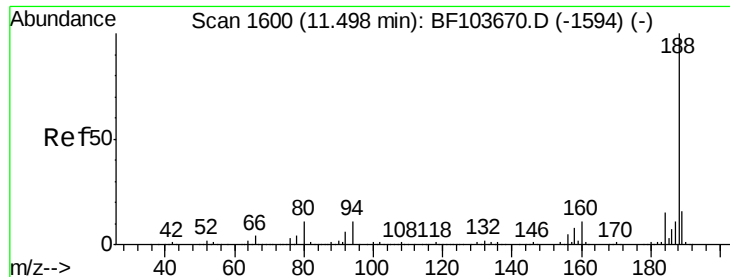
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#49
Dimethylphthalate
Concen: 5.573 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2





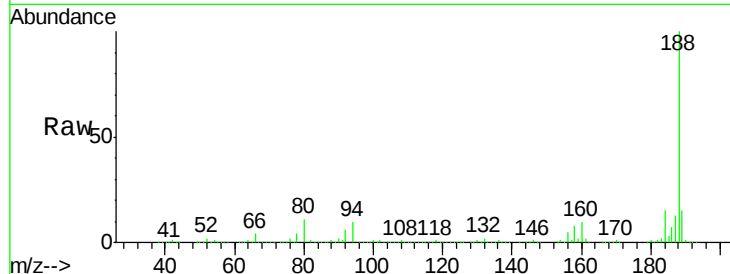
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Instrument :
BNA_F
ClientSampled :
CS-1

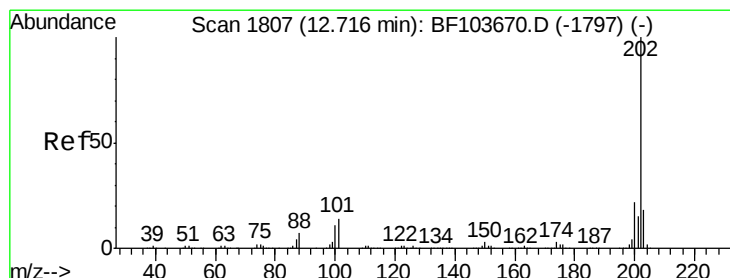
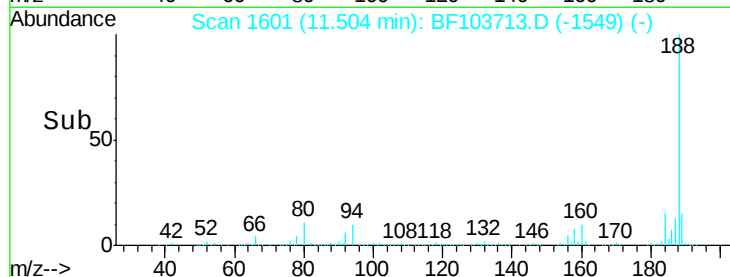
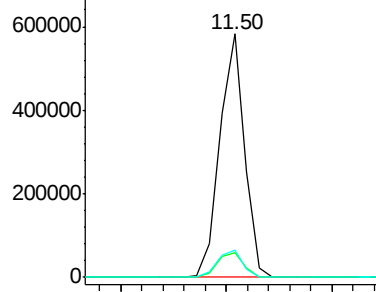
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.1	9.2	13.8

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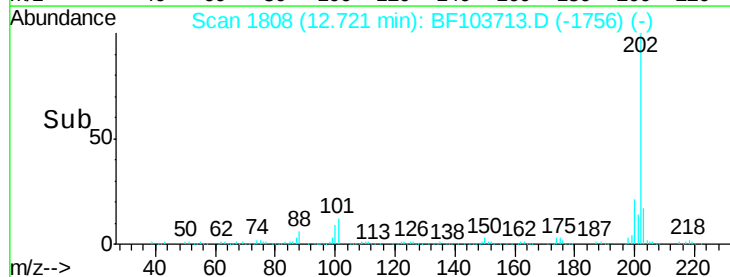
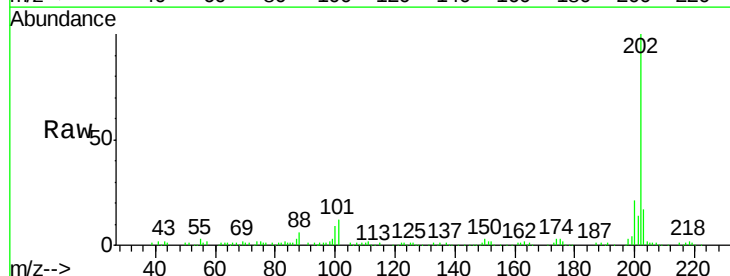
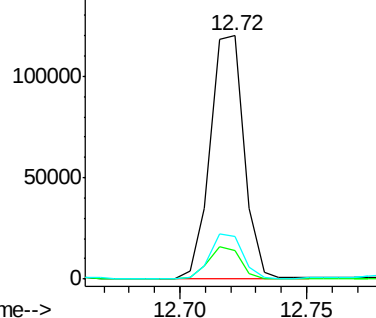
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

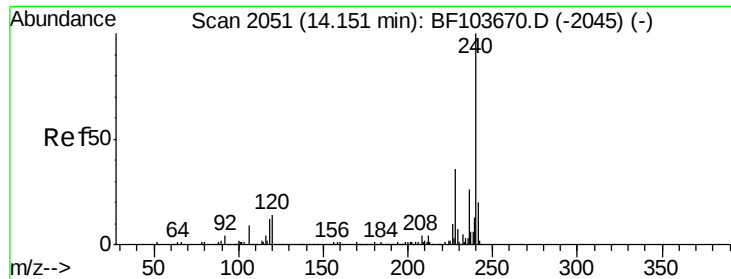


#74
Fluoranthene
Concen: 4.203 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.3	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF103713.D

Acq: 16 Mar 2018 22:53

Instrument :

BNA_F

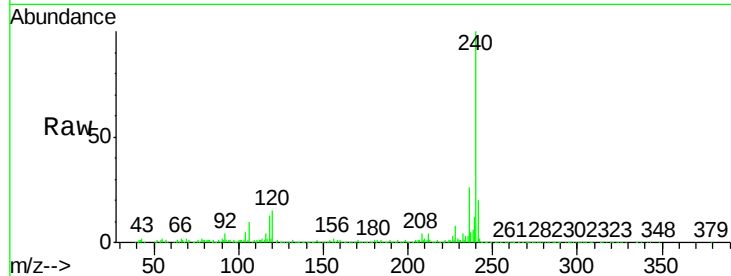
ClientSampled :

CS-1

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.9	9.5	14.3	
236	25.9	20.7	31.1	

Manual Integrations
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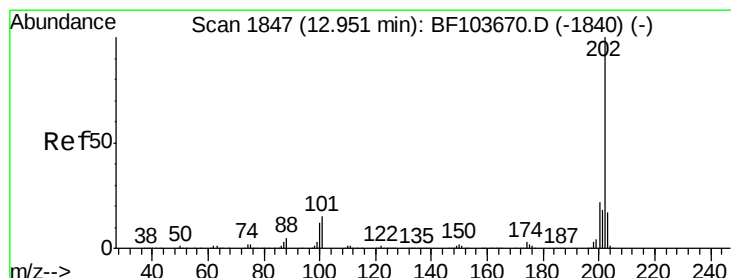
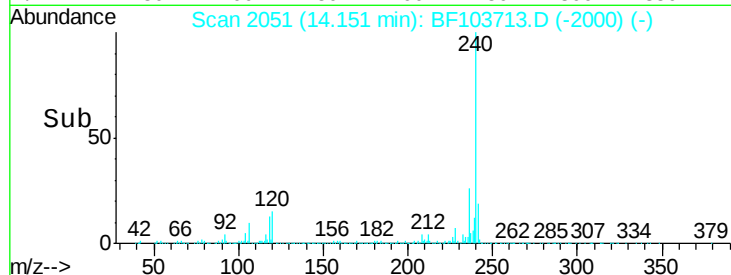
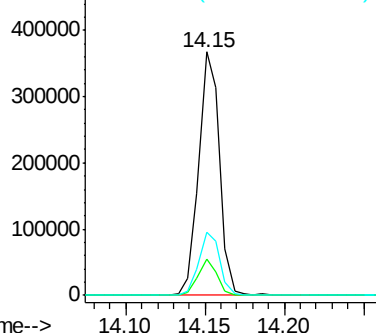


Abundance

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: 4.911 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF103713.D

Acq: 16 Mar 2018 22:53

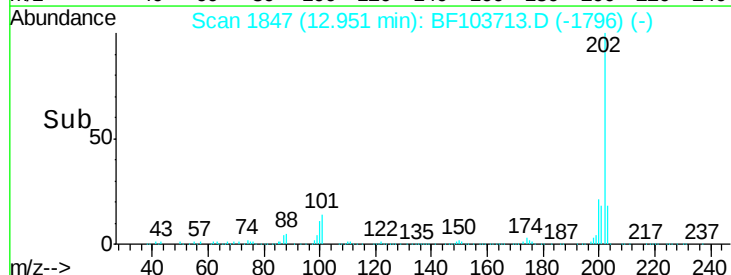
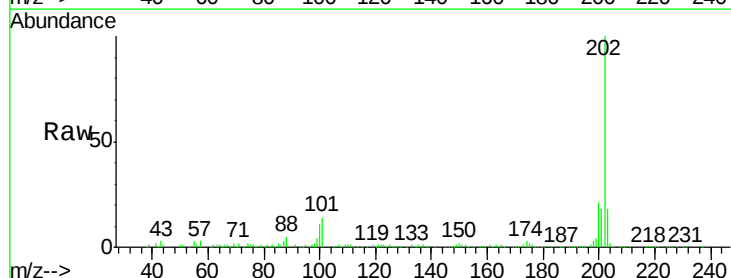
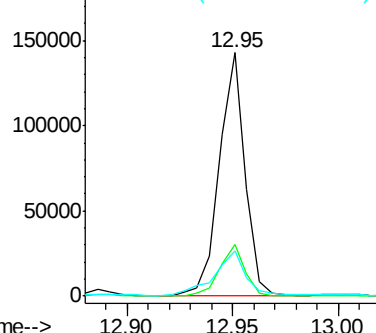
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	17.4	26.2	
203	18.4	14.3	21.5	

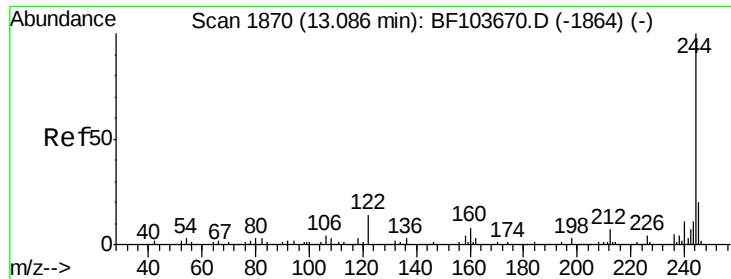
Abundance

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





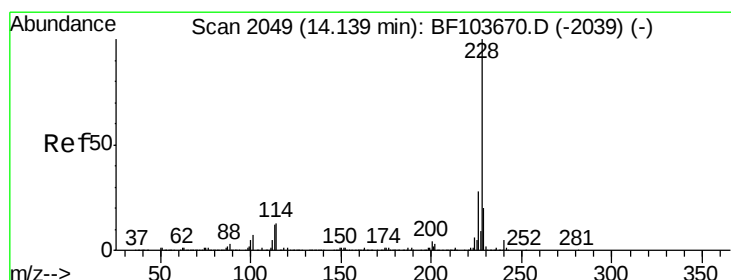
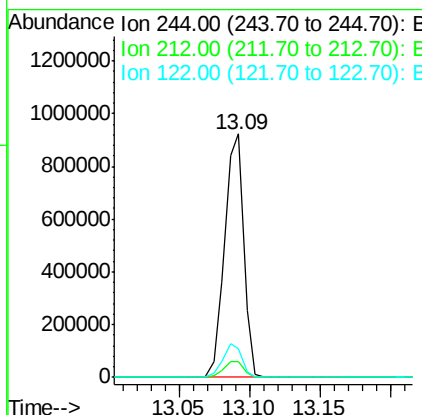
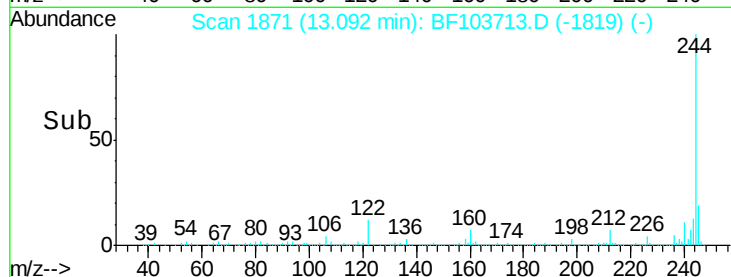
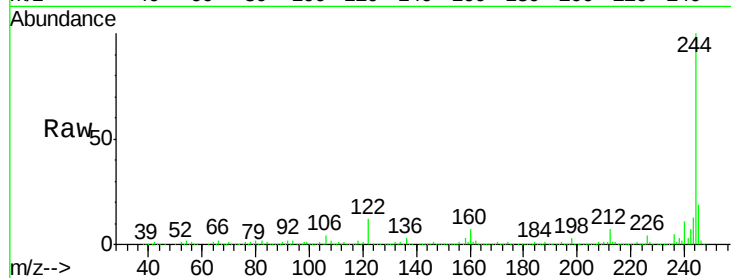
#78
 Terphenyl-d14
 Concen: 60.703 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103713.D
 Acq: 16 Mar 2018 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.9	11.0	16.4

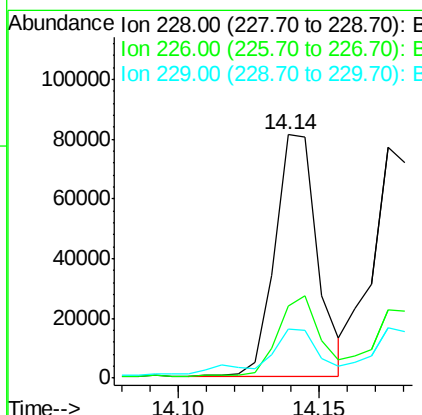
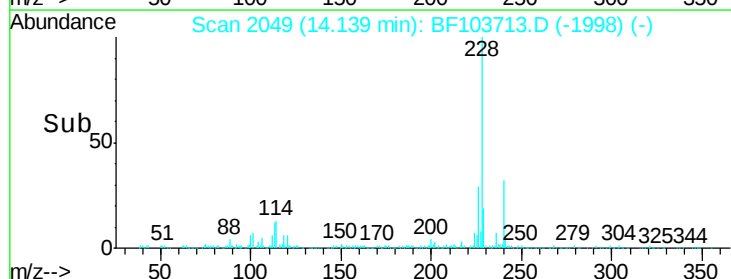
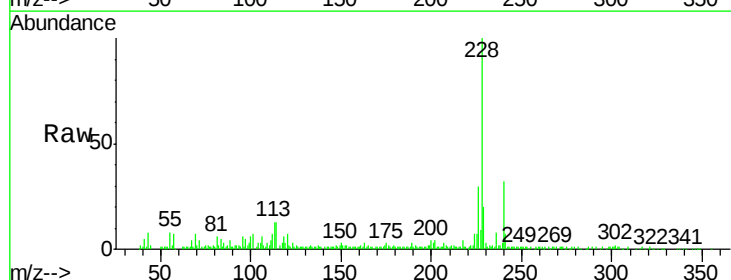
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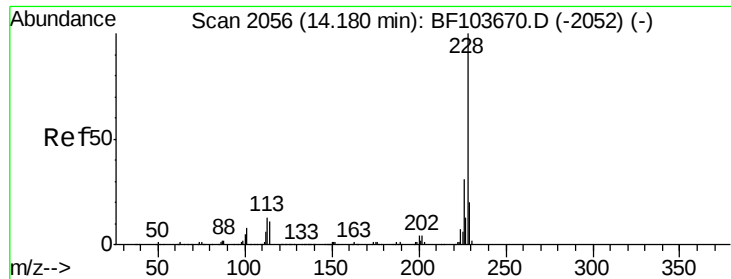
Sohil
 3/19/2018 2:02:37 PM



#80
 Benzo(a)anthracene
 Concen: 4.036 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF103713.D
 Acq: 16 Mar 2018 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	20.4	15.8	23.6





#82

Chrysene

Concen: 4.019 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF103713.D

Acq: 16 Mar 2018 22:53

Instrument :

BNA_F

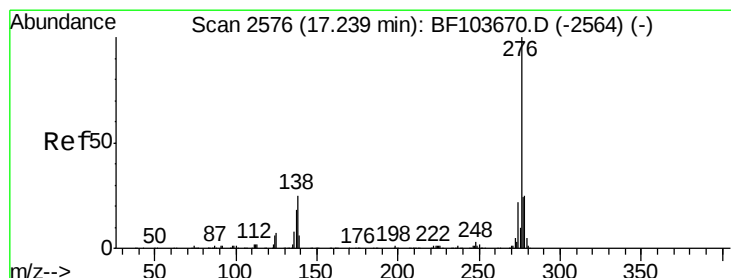
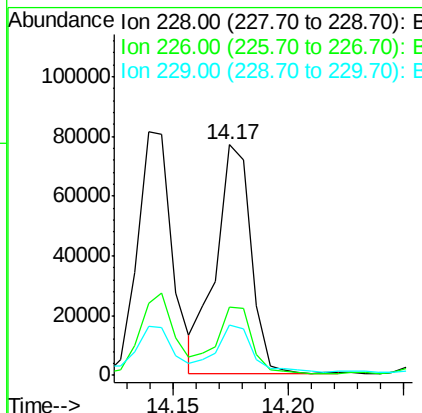
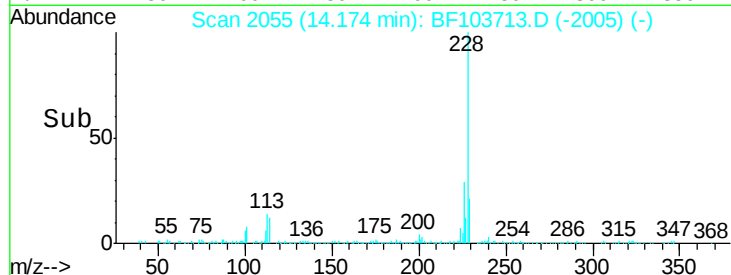
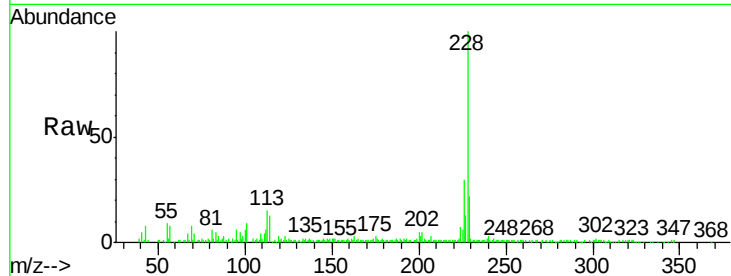
ClientSampled :

CS-1

Tot Ion:	228	Resp:	80760
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	22.1	16.2	24.4

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3/19/2018 2:02:37 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.467 ng

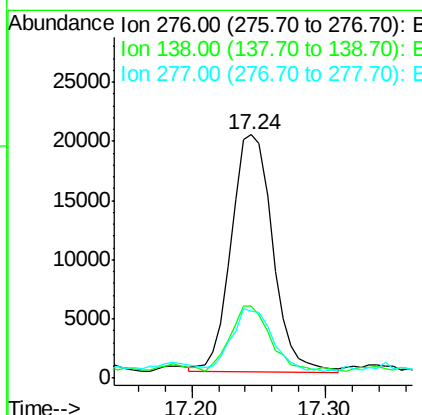
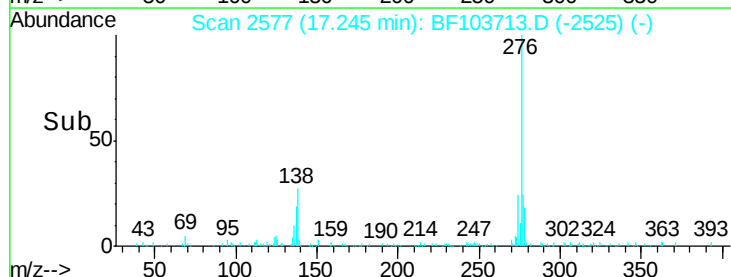
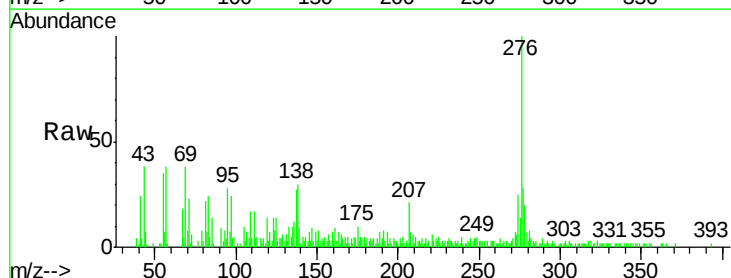
RT: 17.24 min Scan# 2577

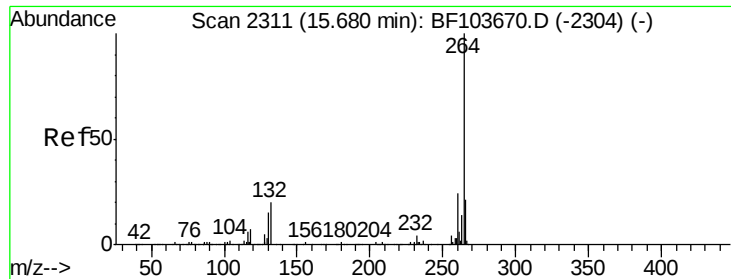
Delta R.T. 0.01 min

Lab File: BF103713.D

Acq: 16 Mar 2018 22:53

Tgt Ion:	276	Resp:	43296
Ion Ratio	Lower	Upper	
276	100		
138	27.3	25.0	37.6
277	26.1	20.1	30.1





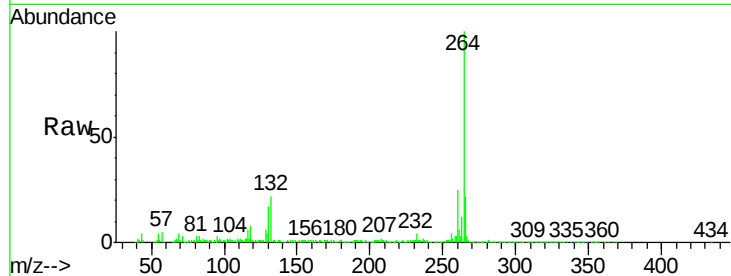
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: BF103713.D
 Acq: 16 Mar 2018 22:53

Instrument :
 BNA_F
 ClientSampled :
 CS-1

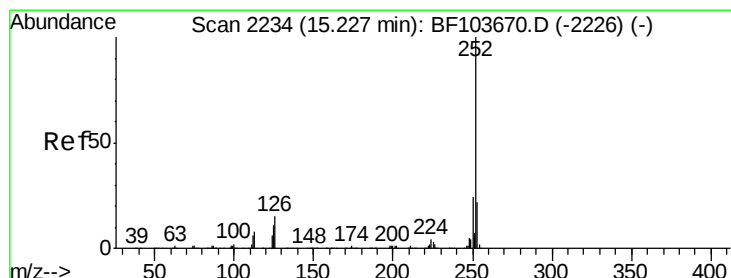
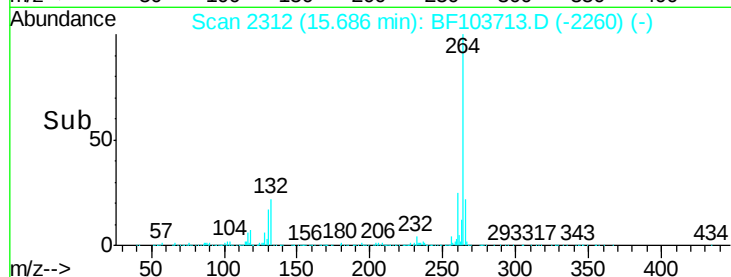
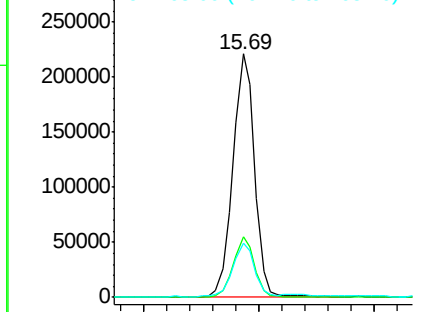
Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.5	26.3

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 3/19/2018 2:02:37 PM

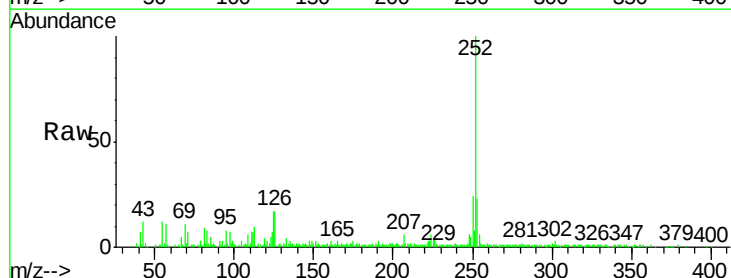


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

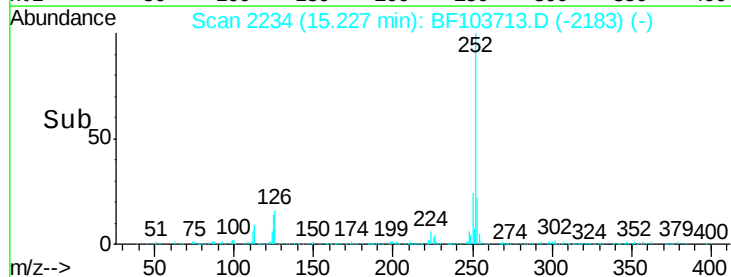
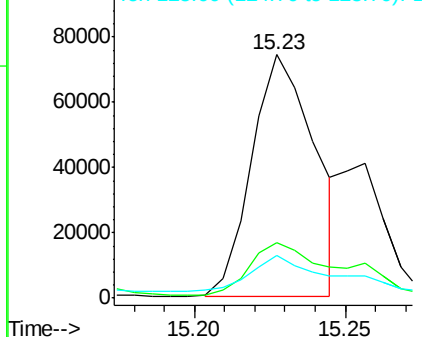


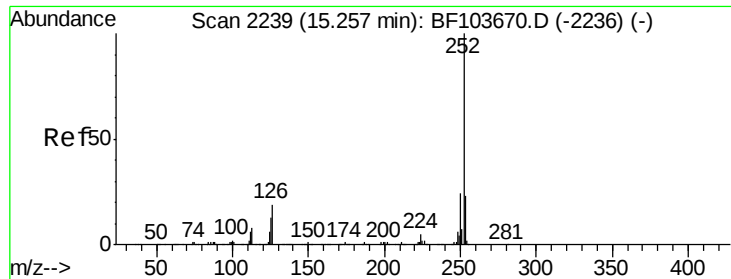
#87
 Benzo(b)fluoranthene
 Concen: 5.983 ng m
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF103713.D
 Acq: 16 Mar 2018 22:53

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	17.0	25.6
125	17.5	9.0	13.6#



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





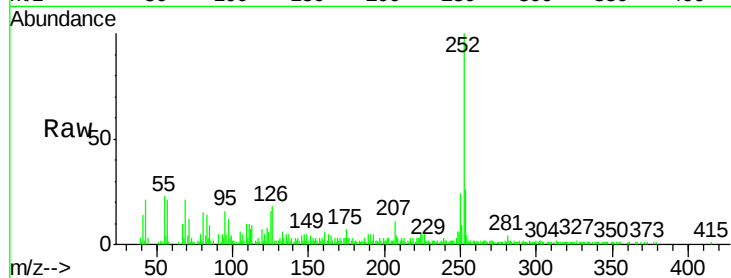
#88
Benzo(k)fluoranthene
Concen: 2.348 ng/mL
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

Instrument :
BNA_F
ClientSampled :
CS-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	16.4	10.2	15.2

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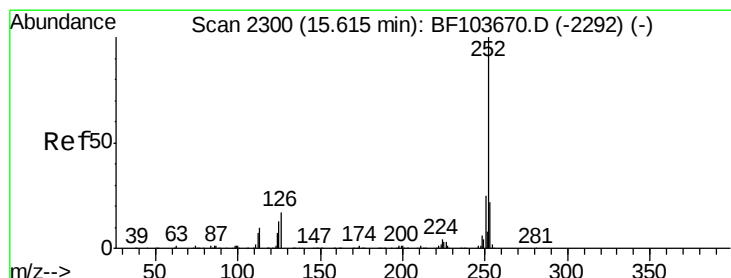
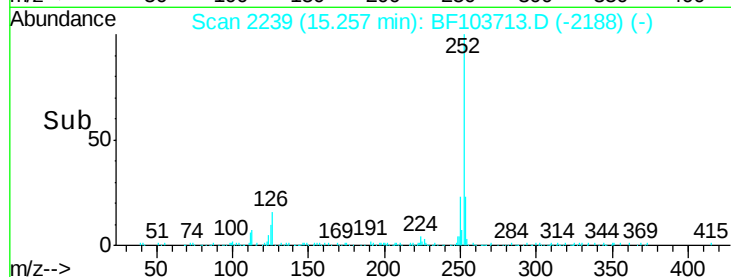
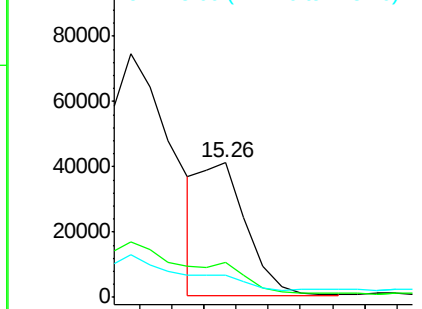


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 4.659 ng/mL
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF103713.D
Acq: 16 Mar 2018 22:53

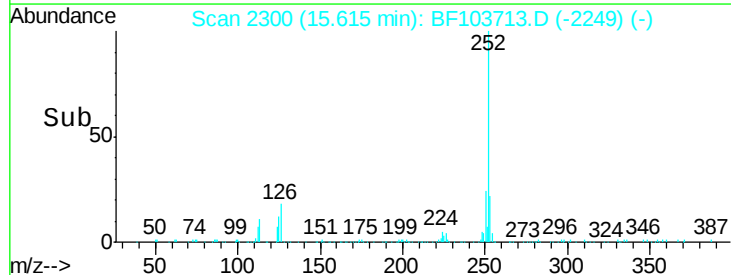
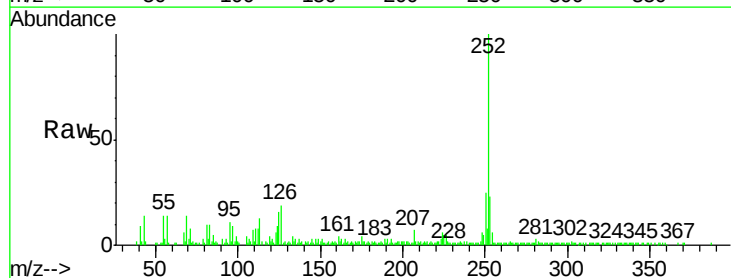
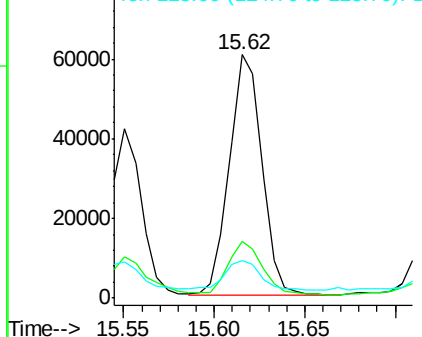
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	15.6	9.8	14.6

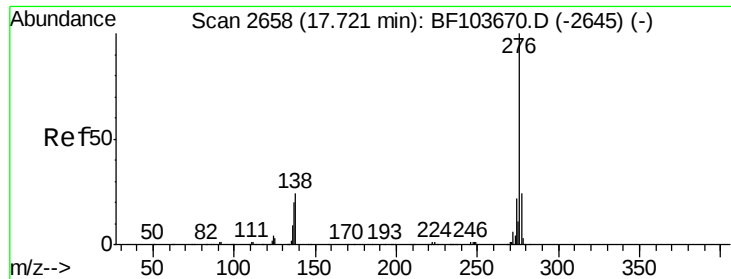
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 2.934 ng
 RT: 17.72 min Scan# 2658
 Delta R.T. 0.00 min
 Lab File: BF103713.D
 Acq: 16 Mar 2018 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-1

Tot Ion:	276	Resp:	40311
Ion Ratio		Lower	Upper
276	100		
277	25.5	17.9	26.9
138	28.7	21.8	32.8

Manual Integrations
 APPROVED

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