

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103717.D
 Acq On : 17 Mar 2018 00:40
 Operator : JU/SJ
 Sample : J1945-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Manual Integrations
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Quant Time: Mar 17 04:06:54 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	172281	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	688620	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	296078	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	437082	20.00	ng	0.00
75) Chrysene-d12	14.15	240	324342	20.00	ng	0.00
86) Perylene-d12	15.69	264	256991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1159557	102.37	ng	0.01
7) Phenol-d6	6.59	99	1407977	101.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	842530	85.32	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	256232	100.65	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1237400	66.67	ng	0.00
78) Terphenyl-d14	13.09	244	893922	63.97	ng	0.00
Target Compounds						
10) Phenol	6.60	94	37692	2.560	ng	Qvalue # 56
49) Dimethylphthalate	9.72	163	144492	6.397	ng	100
70) Phenanthrene	11.53	178	162543	6.798	ng	97
74) Fluoranthene	12.72	202	200129	8.125	ng	99
77) Pyrene	12.95	202	156608	6.575	ng	99
80) Benzo(a)anthracene	14.14	228	64146	3.124	ng	99
82) Chrysene	14.17	228	66063	3.376	ng	98
87) Benzo(b)fluoranthene	15.23	252	70963m	4.371	ng	
89) Benzo(a)pyrene	15.62	252	42134	2.861	ng	# 92

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

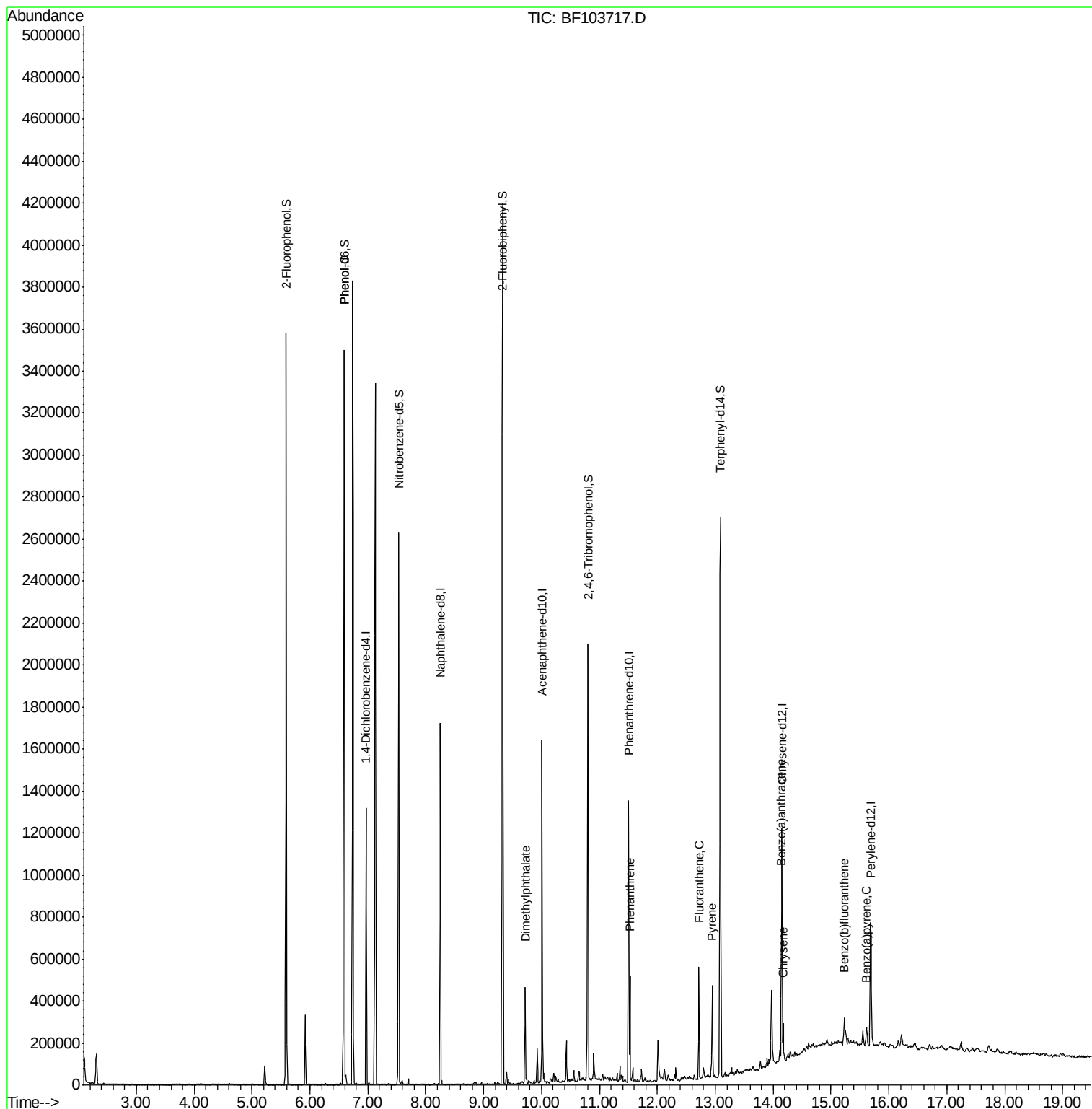
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103717.D
Acq On : 17 Mar 2018 00:40
Operator : JU/SJ
Sample : J1945-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

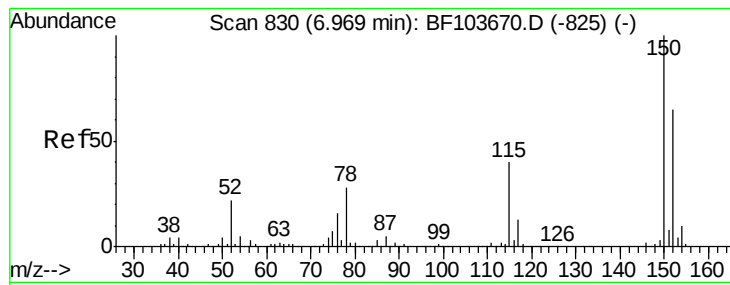
Instrument :
BNA_F
ClientSampleId :
SP-A

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Quant Time: Mar 17 04:06:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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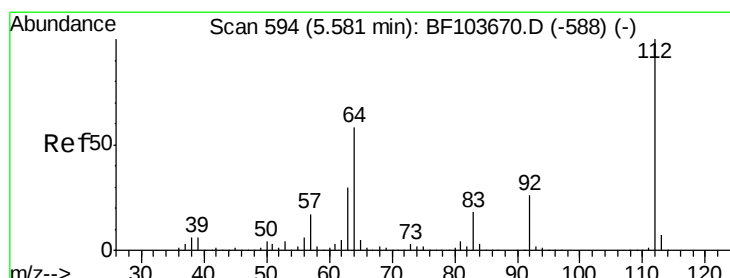
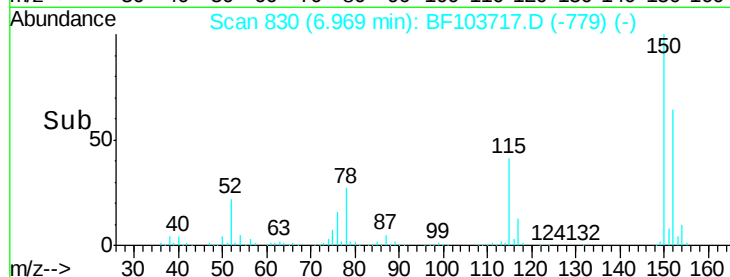
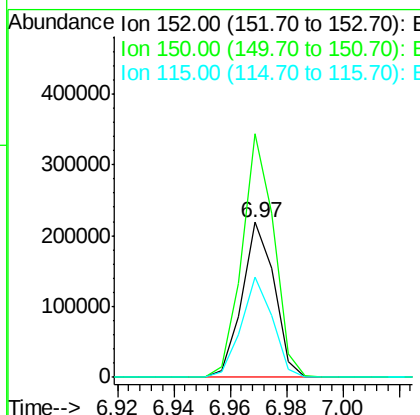
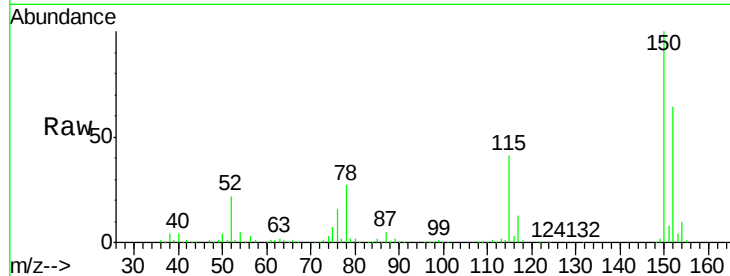
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF103717.D
 Acq: 17 Mar 2018 00:40

Instrument :
 BNA_F
 ClientSampled :
 SP-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	64.8	50.1	75.1

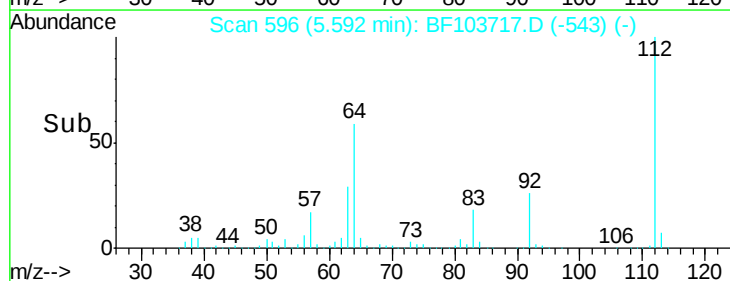
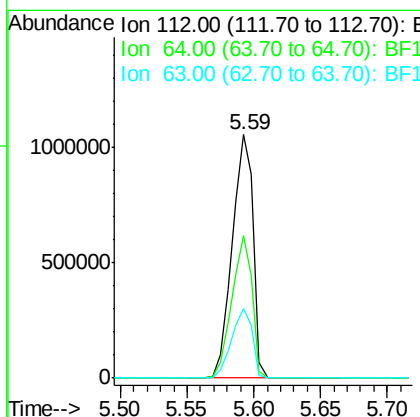
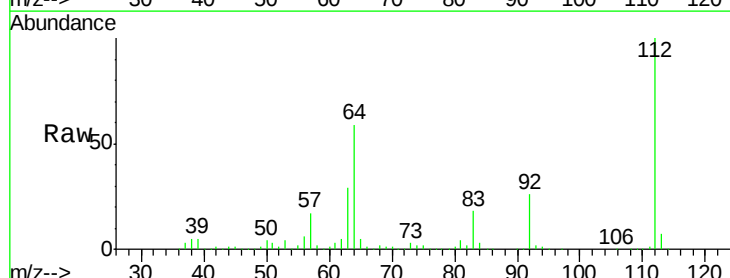
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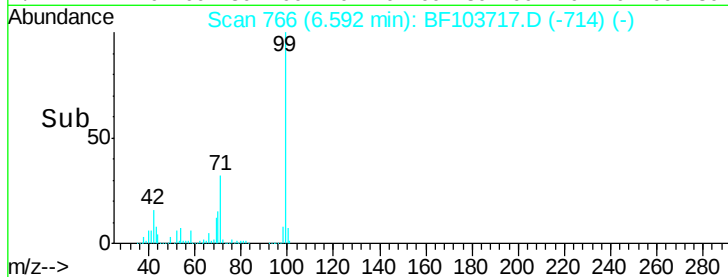
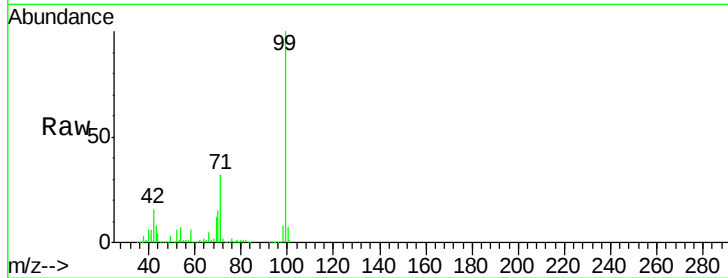
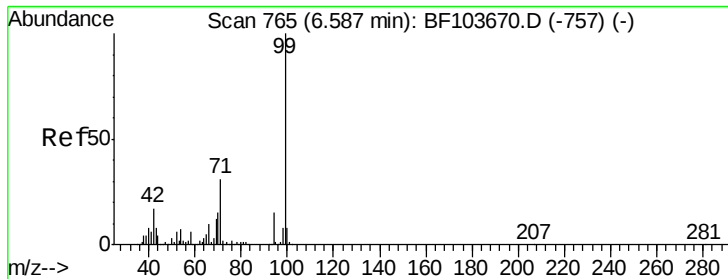
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#5
 2-Fluorophenol
 Concen: 102.372 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF103717.D
 Acq: 17 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 101.603 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103717.D

Acq: 17 Mar 2018 00:40

Tot Ion:	99	Resp:	1407977
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	32.1	25.4	38.0

Instrument :

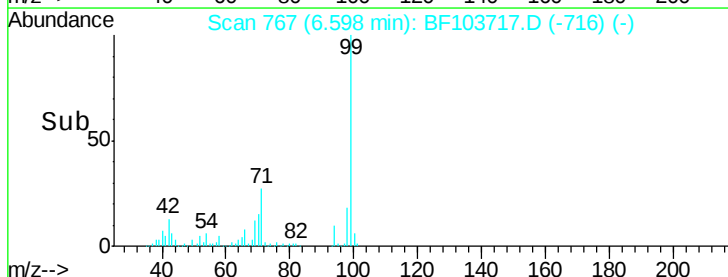
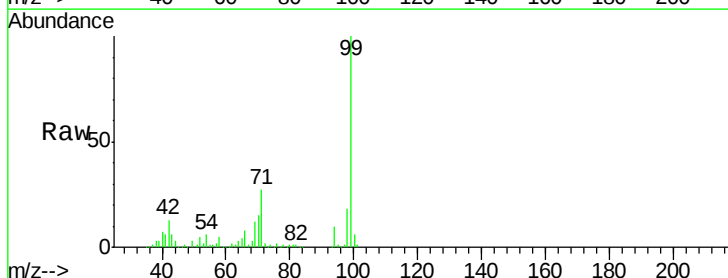
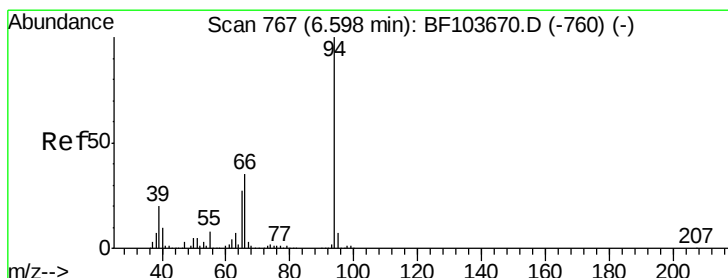
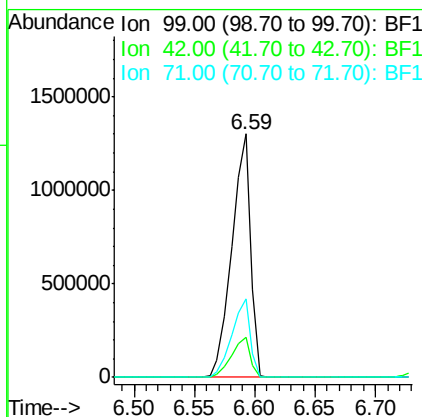
BNA_F

ClientSampleId :

SP-A

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#10

Phenol

Concen: 2.560 ng

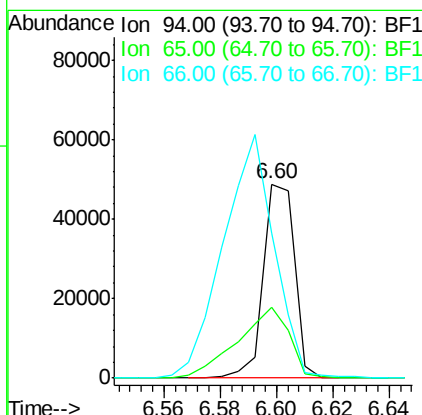
RT: 6.60 min Scan# 767

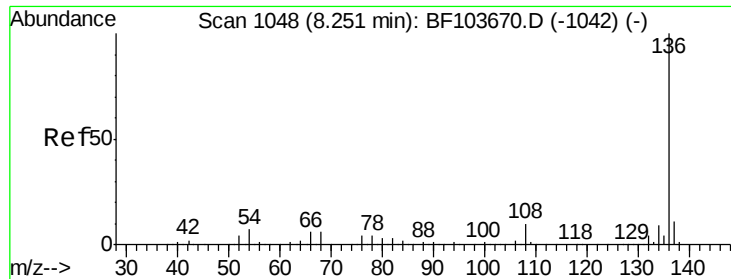
Delta R.T. -0.00 min

Lab File: BF103717.D

Acq: 17 Mar 2018 00:40

Tgt Ion:	94	Resp:	37692
Ion	Ratio	Lower	Upper
94	100		
65	36.5	7.9	47.9
66	74.8	16.2	56.2#





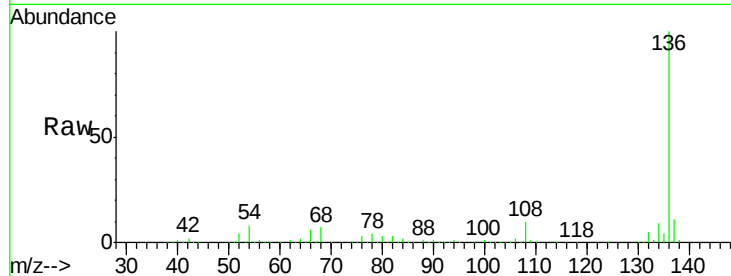
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SP-A

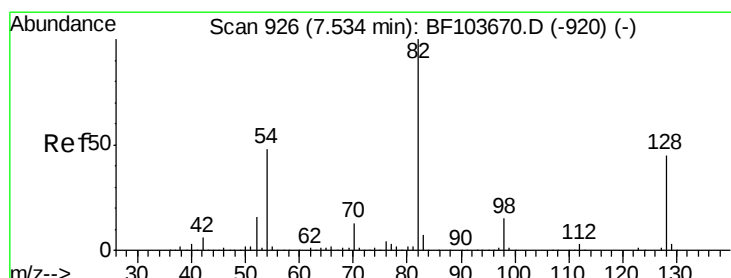
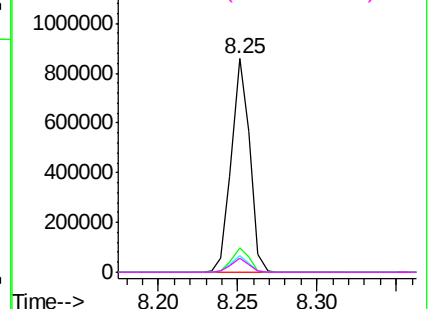
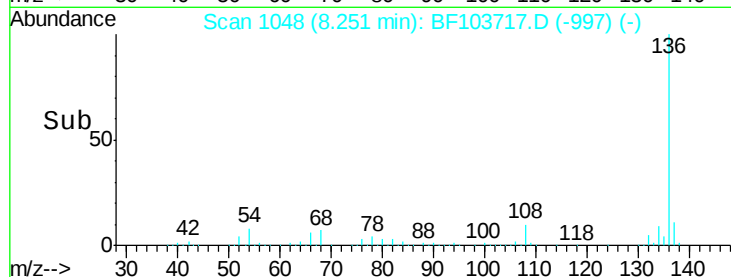
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		688620		
137	11.1		8.9	13.3	
54	7.7		6.6	9.8	
68	6.5		5.0	7.4	

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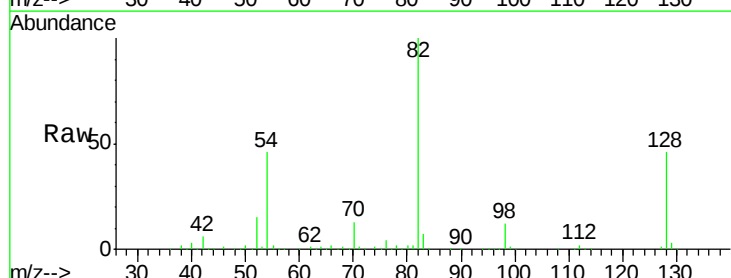


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

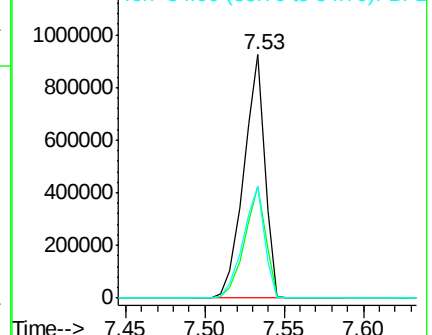
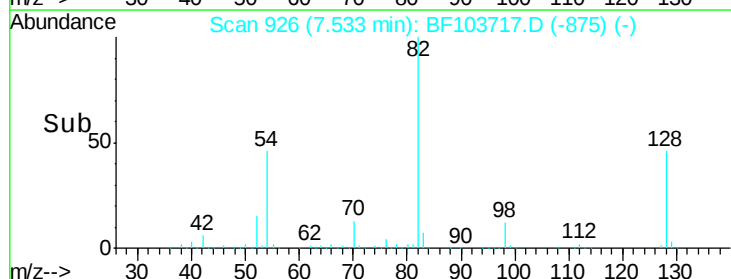


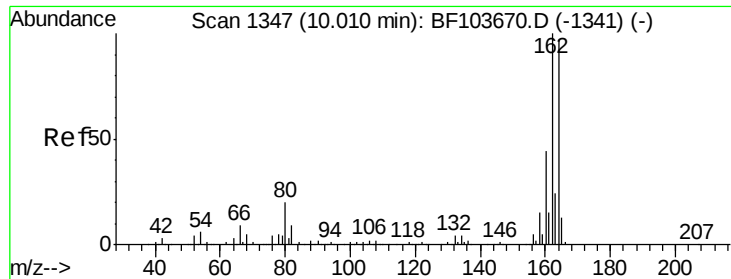
#23
Nitrobenzene-d5
Concen: 85.322 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		842530		
128	45.8		36.1	54.1	
54	45.8		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





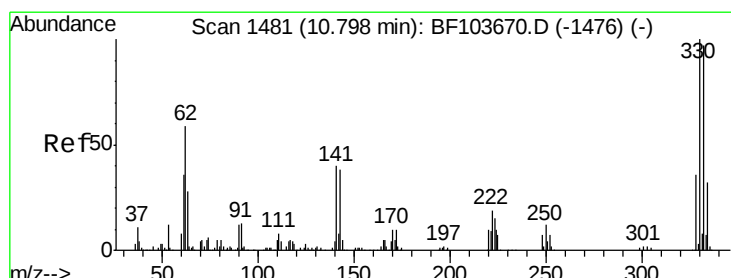
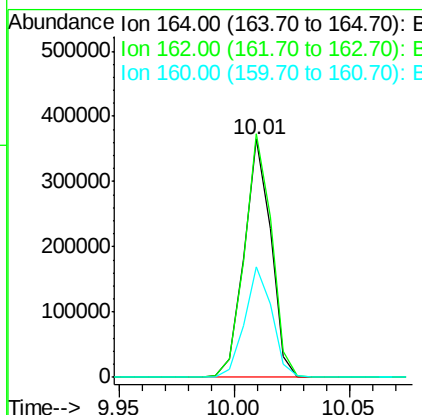
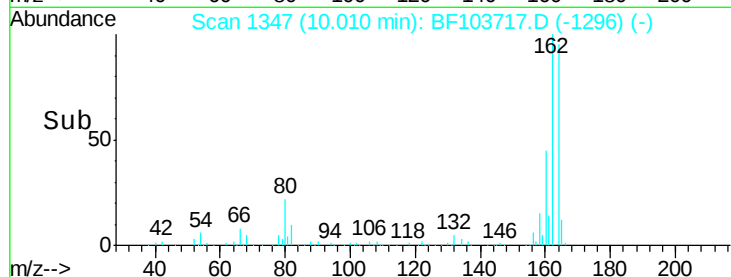
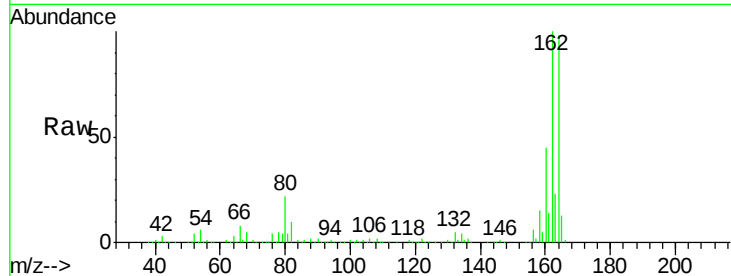
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.4	38.3	57.5

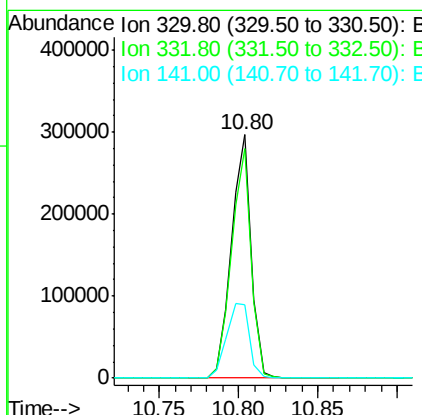
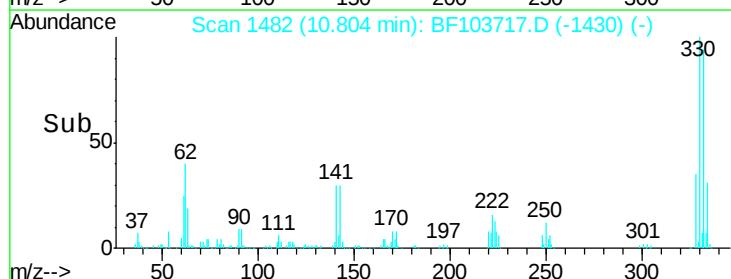
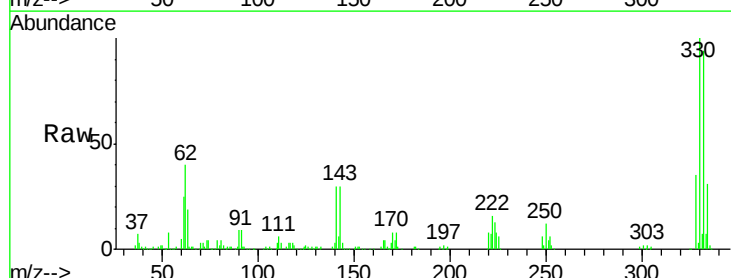
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#41
2,4,6-Tribromophenol
Concen: 100.653 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.0	29.9	44.9





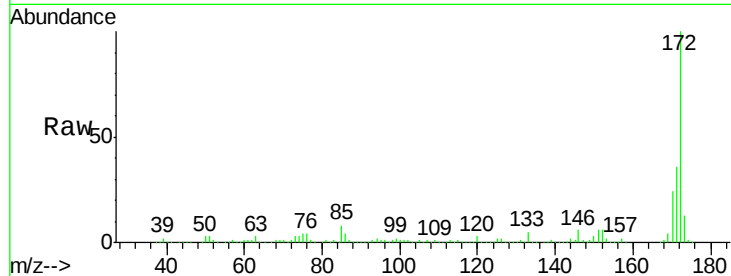
#44
2-Fluorobiphenyl
Concen: 66.666 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SP-A

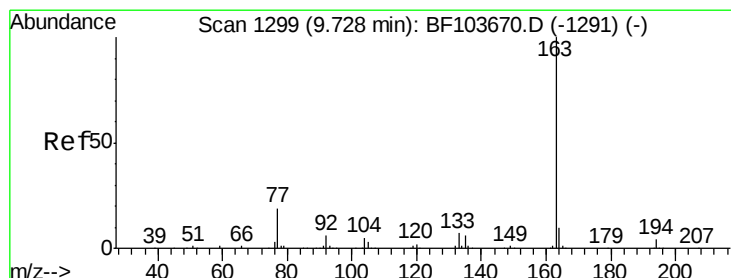
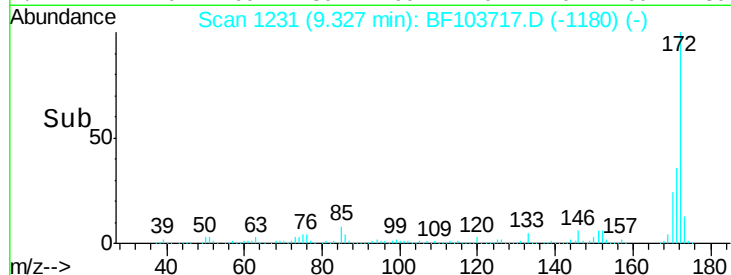
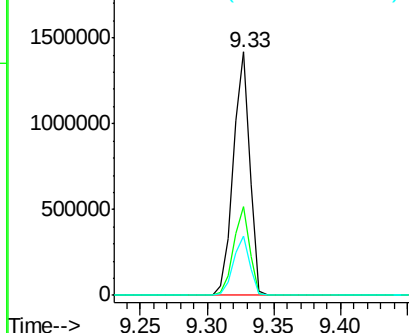
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

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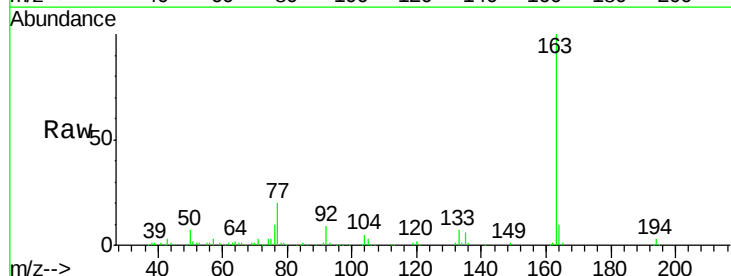


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

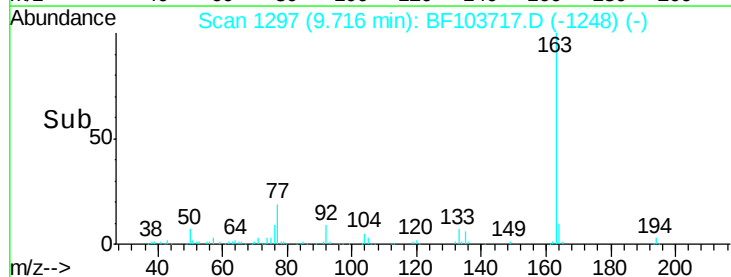
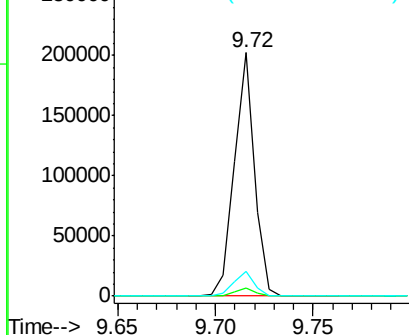


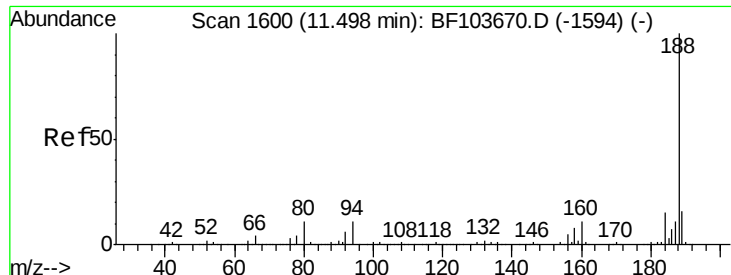
#49
Dimethylphthalate
Concen: 6.397 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	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





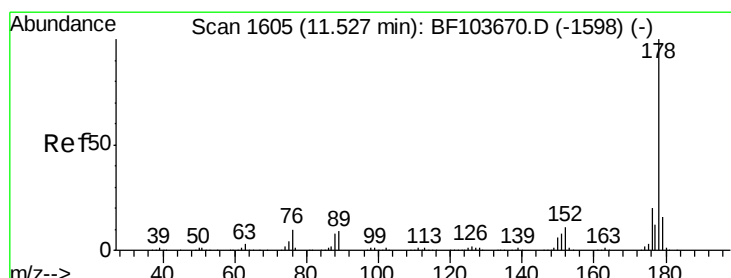
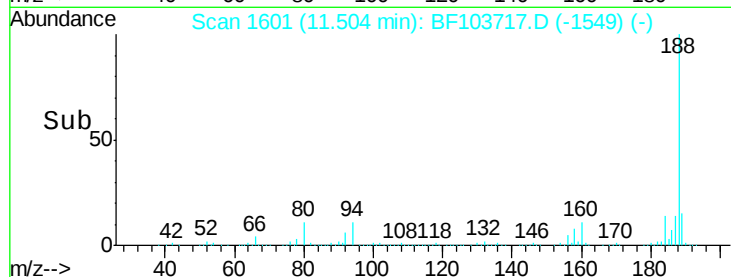
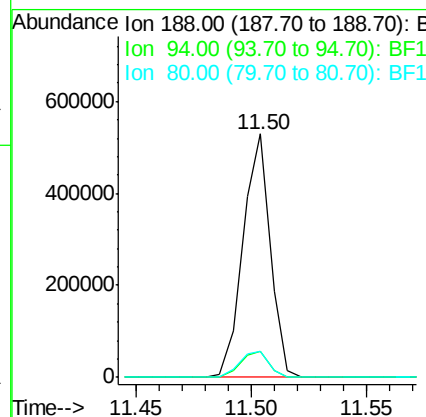
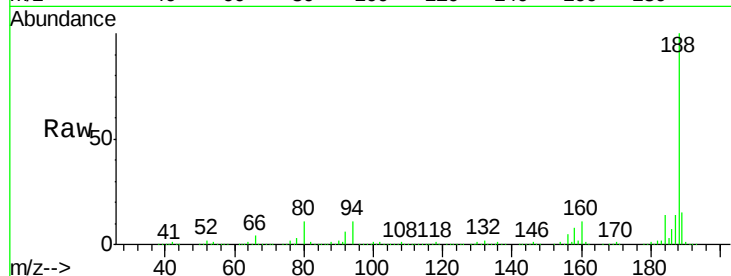
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Instrument :
BNA_F
ClientSampleId :
SP-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	437082		
94	10.5		8.5	12.7
80	10.9		9.2	13.8

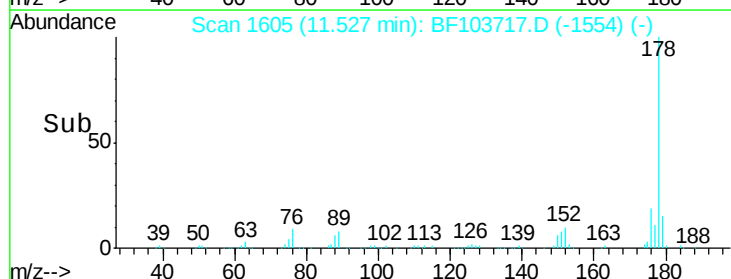
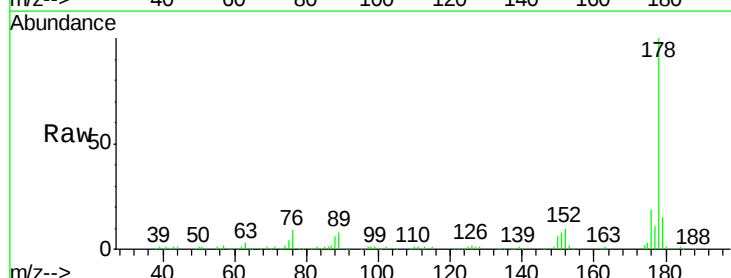
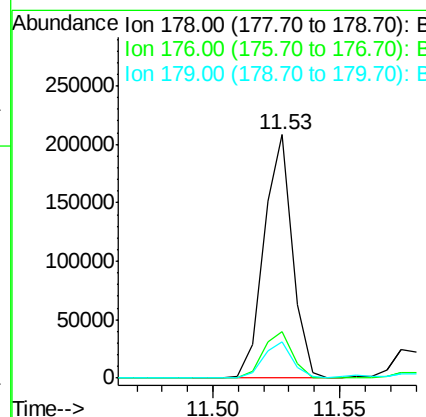
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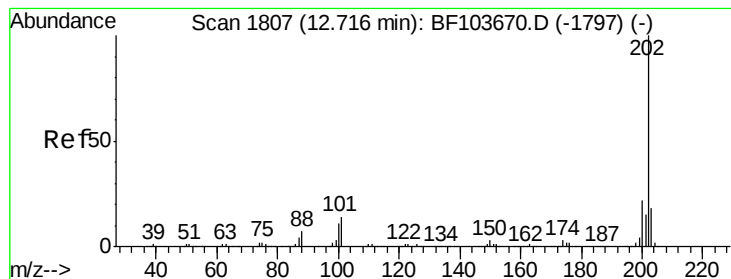
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#70
Phenanthrene
Concen: 6.798 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	162543		
176	18.9		15.8	23.8
179	14.9		13.0	19.6





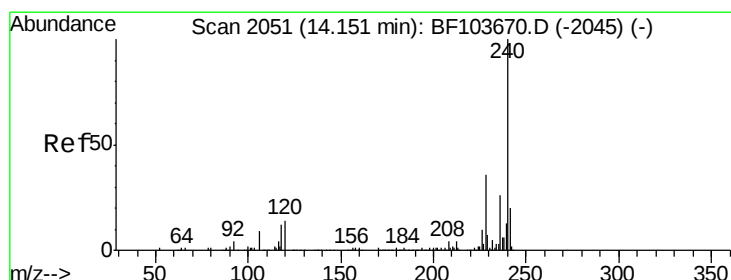
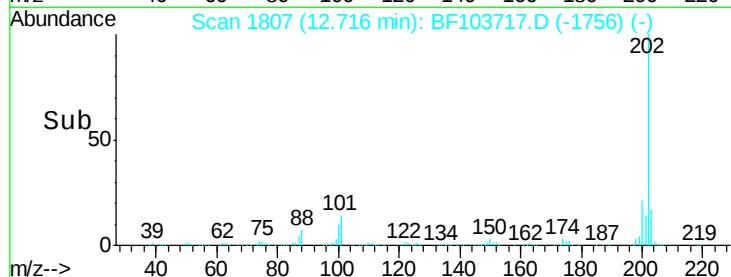
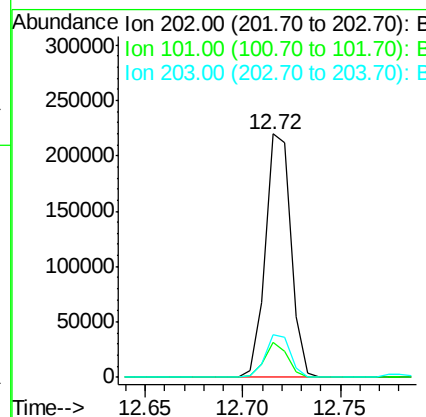
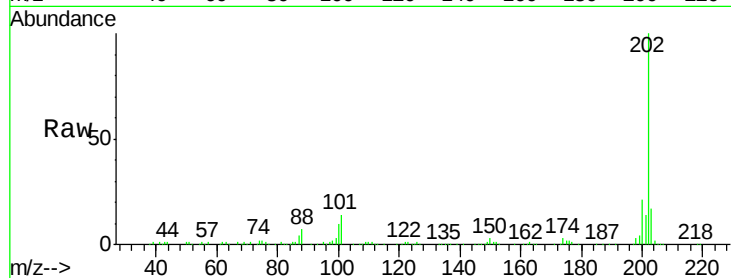
#74
 Fluoranthene
 Concen: 8.125 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BF103717.D
 Acq: 17 Mar 2018 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		200129		
101	14.1	0.0	34.1		
203	17.5	0.0	38.1		

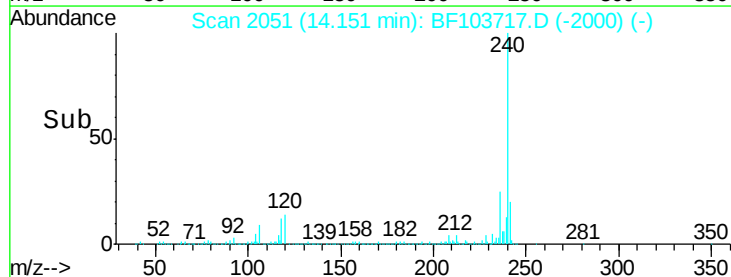
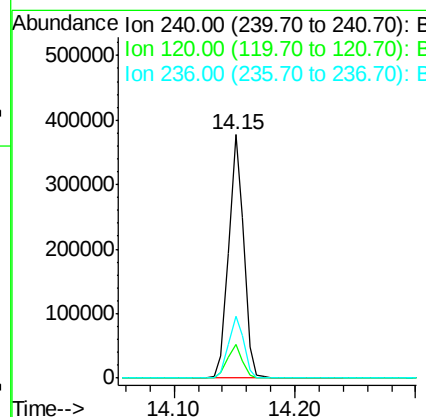
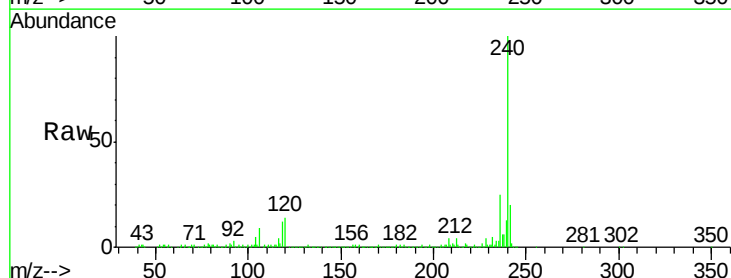
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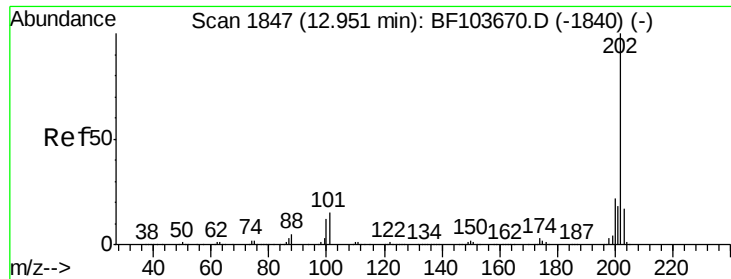
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF103717.D
 Acq: 17 Mar 2018 00:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		324342		
120	13.7	9.5	14.3		
236	25.3	20.7	31.1		





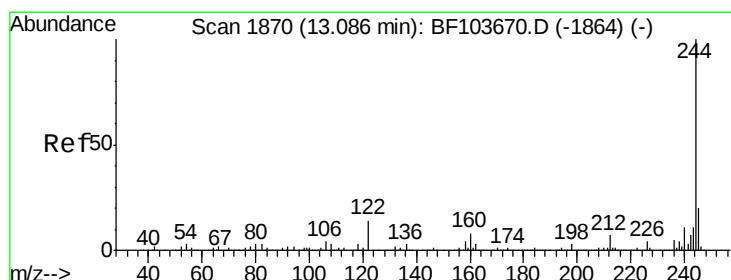
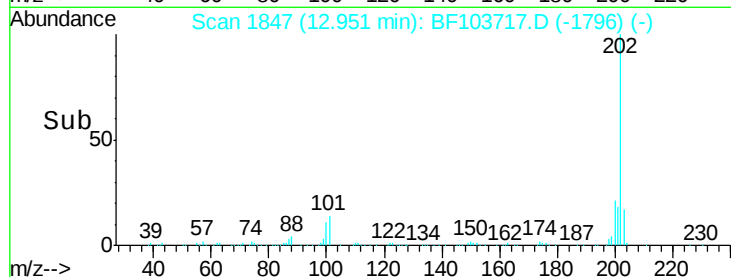
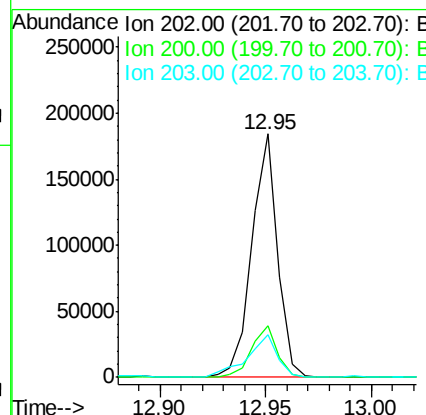
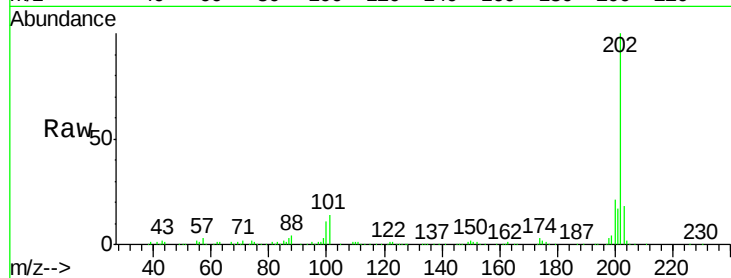
#77
Pvrene
Concen: 6.575 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.5	14.3	21.5

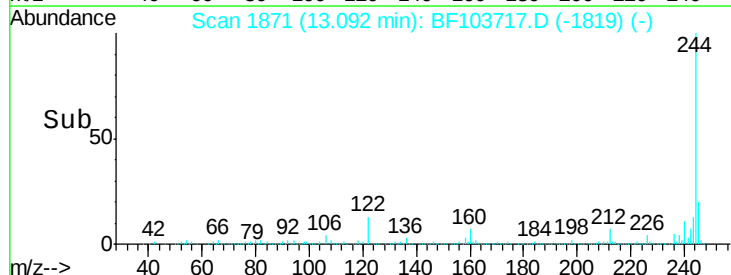
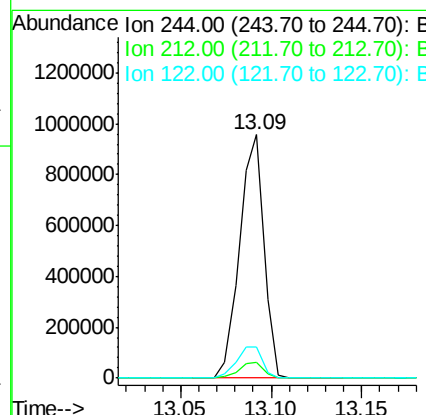
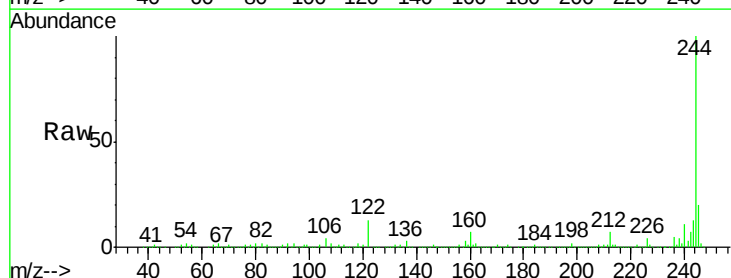
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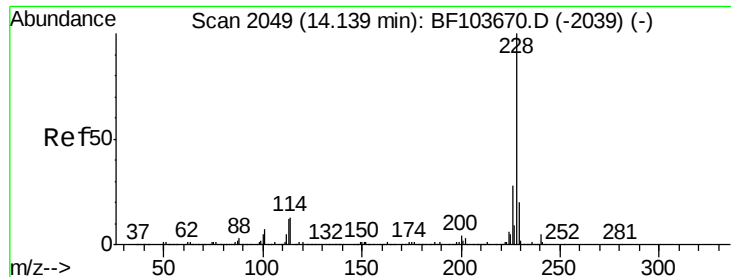
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#78
Terphenyl-d14
Concen: 63.973 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.7	11.0	16.4





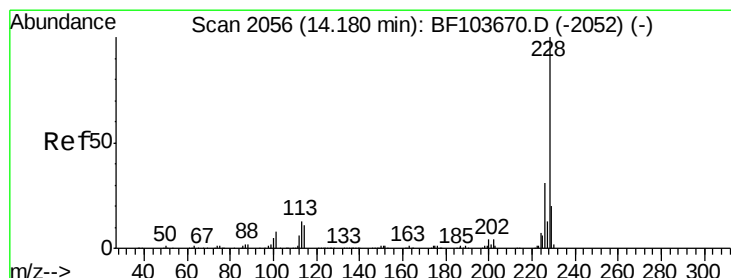
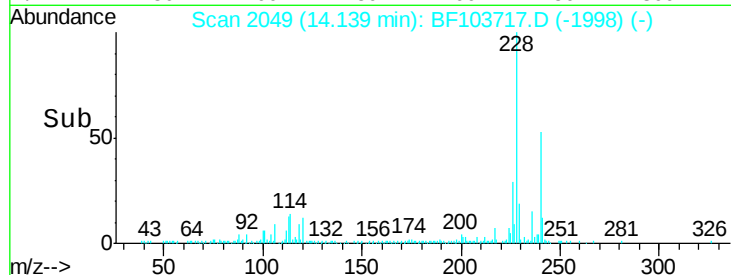
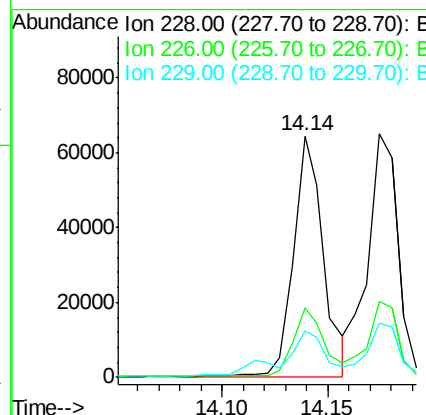
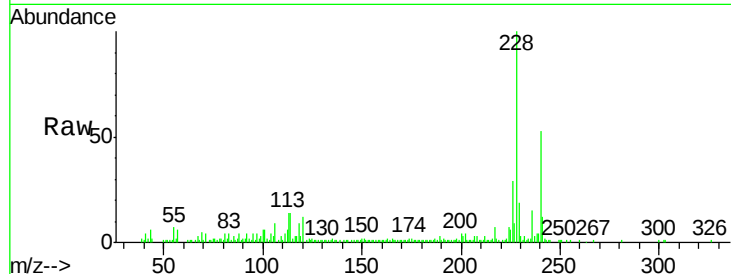
#80
Benzo(a)anthracene
Concen: 3.124 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	19.4	15.8	23.6

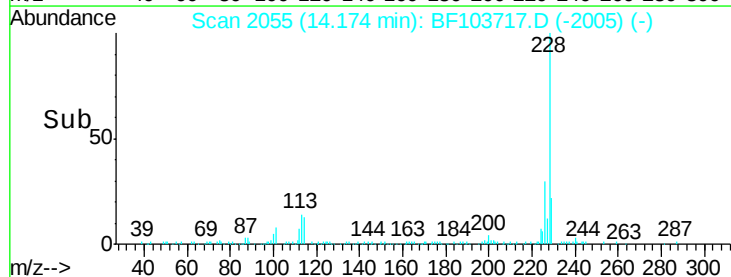
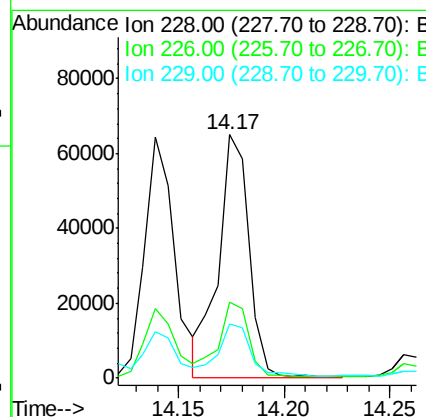
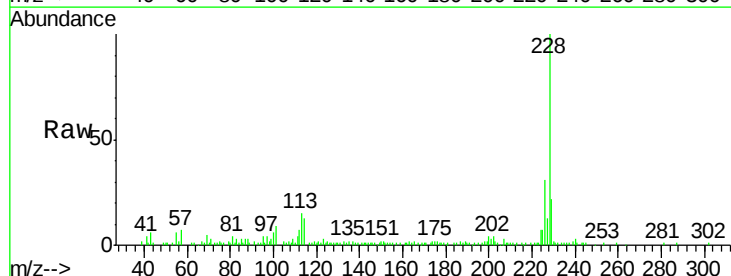
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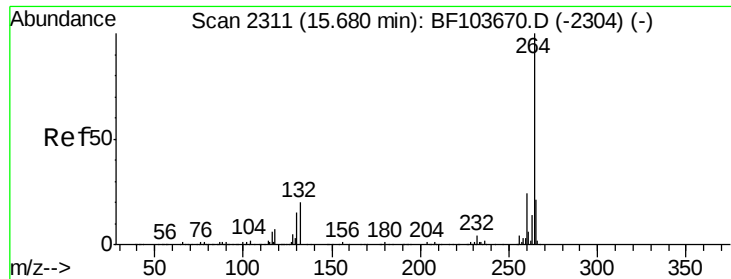
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#82
Chrysene
Concen: 3.376 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.4	16.2	24.4





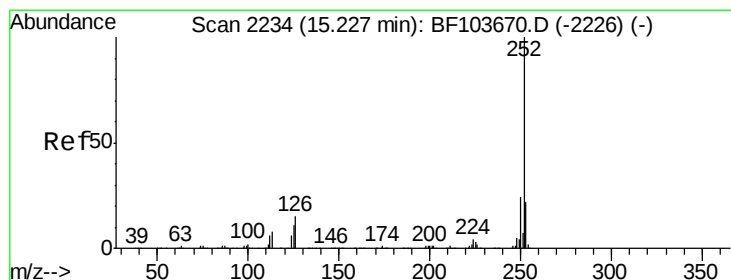
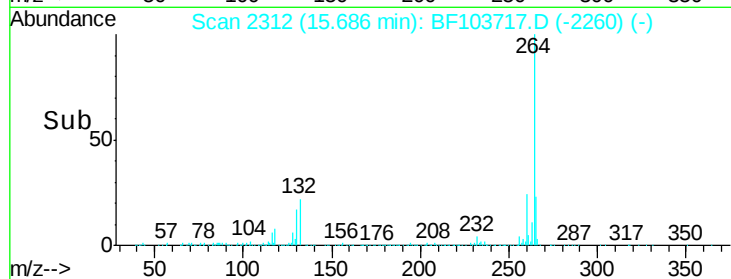
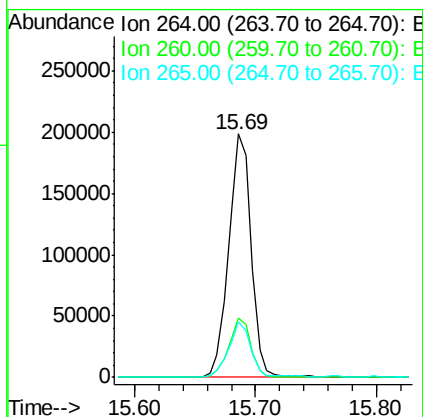
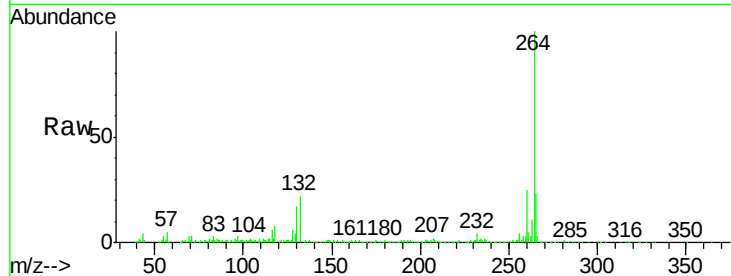
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Instrument :
BNA_F
ClientSampled :
SP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.8	17.5	26.3

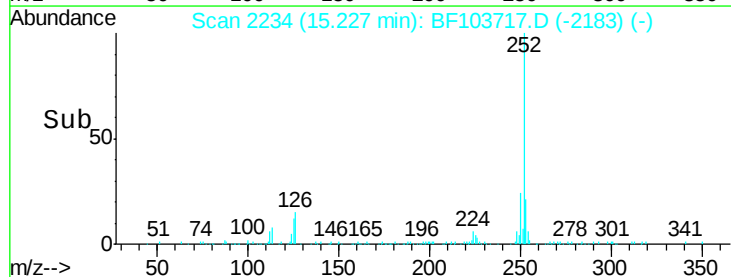
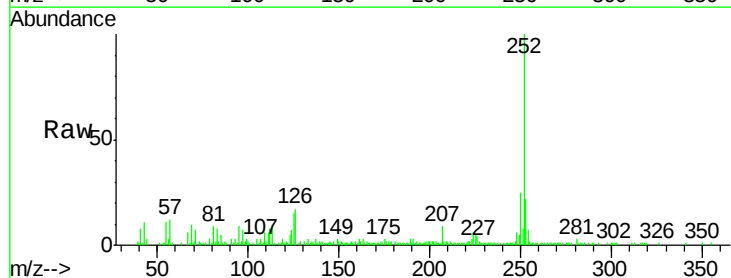
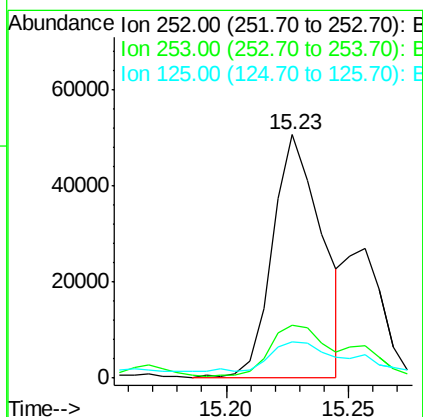
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APPROVED

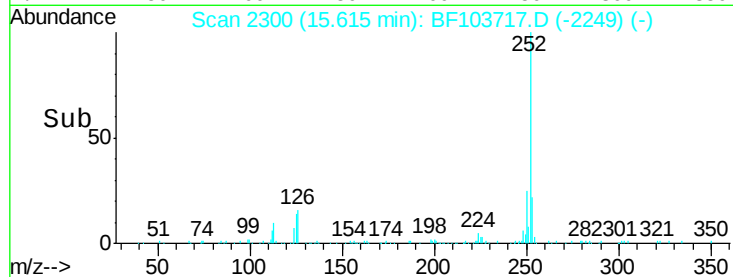
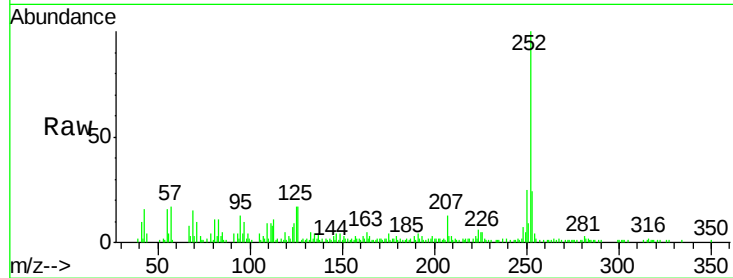
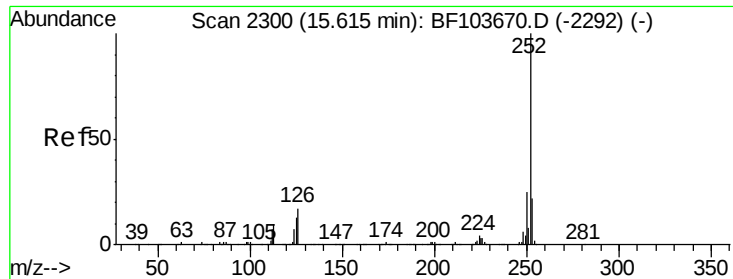
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#87
Benzo(b)fluoranthene
Concen: 4.371 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF103717.D
Acq: 17 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	15.0	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.861 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BF103717.D

Acq: 17 Mar 2018 00:40

Instrument :

BNA_F

ClientSampleId :

SP-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	17.5	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/19/2018 2:02:47 PM

