

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110252.D
 Acq On : 29 Oct 2018 10:37
 Operator : JU/SJ
 Sample : J5654-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW2-02

Manual Integrations
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Sohil
 10/30/2018 2:24:06 PM

Quant Time: Oct 29 12:40:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 12:32:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113407	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	441494	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	190333	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	294019	20.00	ng	0.00
76) Chrysene-d12	14.16	240	209389	20.00	ng	0.00
87) Perylene-d12	15.69	264	192306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	563979	80.98	ng	0.00
7) Phenol-d6	6.59	99	907180	101.84	ng	0.00
23) Nitrobenzene-d5	7.53	82	581560	78.13	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	81069	43.00	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1038093	85.64	ng	0.00
79) Terphenyl-d14	13.09	244	736472	73.15	ng	0.00
Target Compounds						
10) Phenol	6.60	94	51800	5.440	ng	Qvalue # 63
31) Naphthalene	8.27	128	50007	2.458	ng	98
50) Dimethylphthalate	9.72	163	108675	7.735	ng	98
71) Phenanthrene	11.53	178	232863	15.136	ng	99
72) Anthracene	11.58	178	53520	3.471	ng	98
75) Fluoranthene	12.72	202	212673	13.621	ng	99
78) Pyrene	12.96	202	193641	12.900	ng	97
81) Benzo(a)anthracene	14.14	228	91561	7.374	ng	98
83) Chrysene	14.18	228	83567	7.086	ng	95
86) Indeno(1,2,3-cd)pyrene	17.26	276	31329	3.202	ng	98
88) Benzo(b)fluoranthene	15.23	252	84120m	7.575	ng	
89) Benzo(k)fluoranthene	15.26	252	33363m	3.056	ng	
90) Benzo(a)pyrene	15.62	252	61372	6.006	ng	# 96
92) Benzo(a,h,i)perylene	17.73	276	29118	3.351	ng	# 90

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

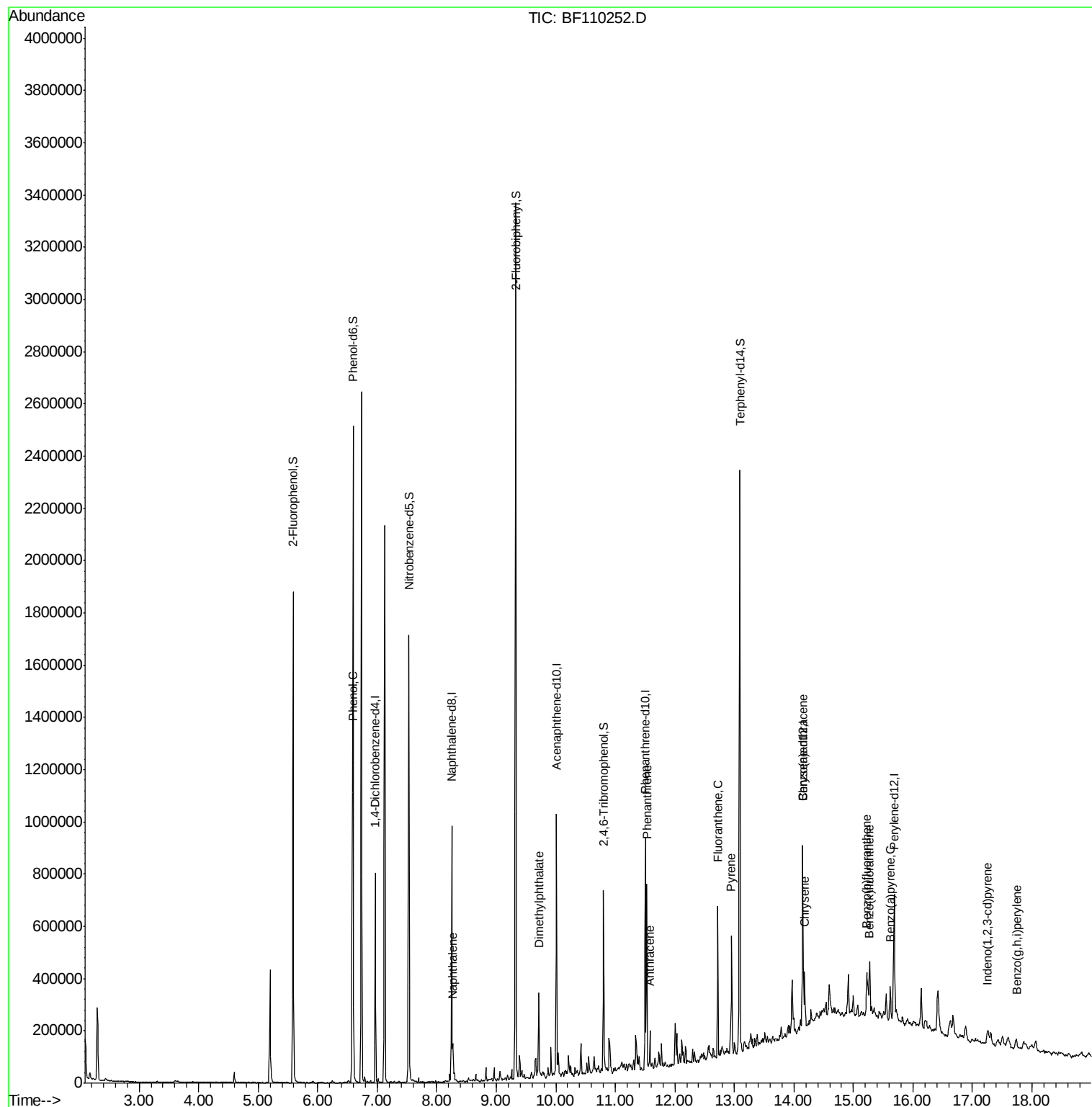
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110252.D
Acq On : 29 Oct 2018 10:37
Operator : JU/SJ
Sample : J5654-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

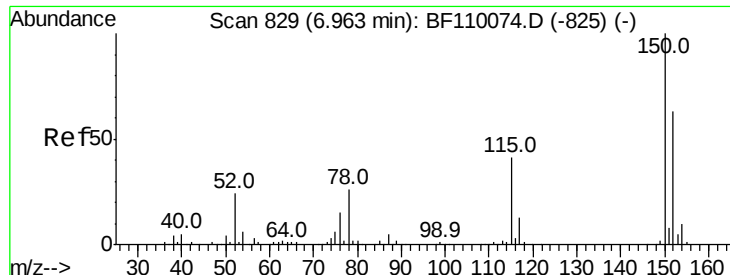
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

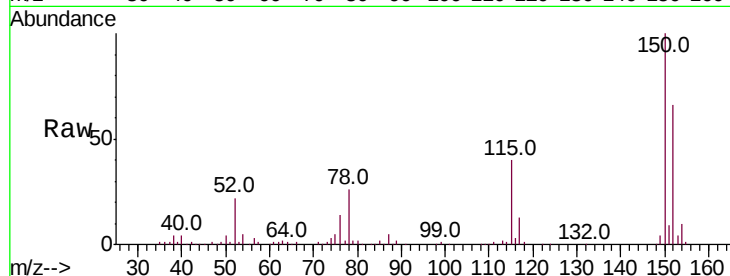
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampled :
SW2-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	122.7	184.1
115	61.0	49.1	73.7

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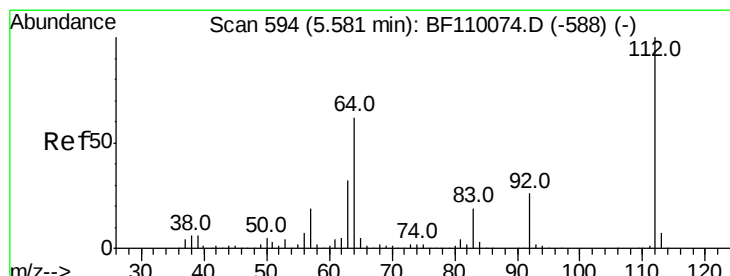
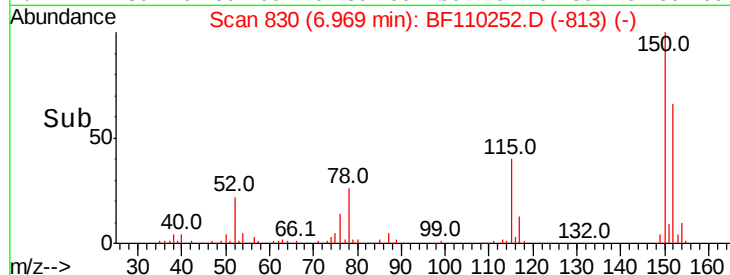
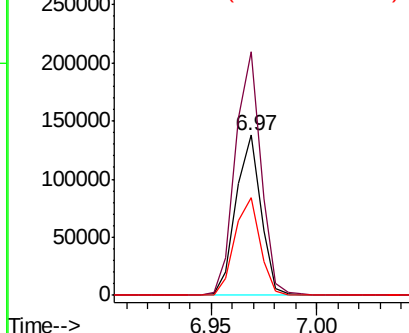


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

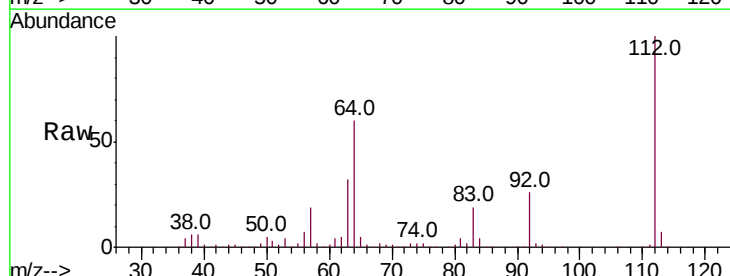
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.984 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.1	66.1
63	31.6	23.7	35.5

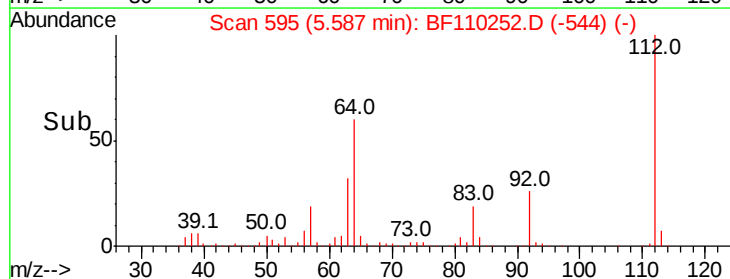
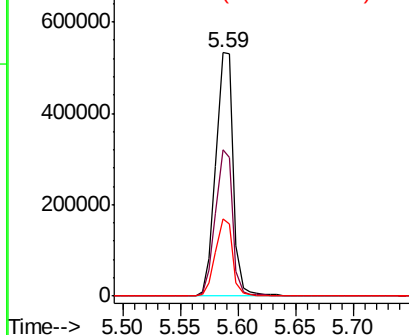


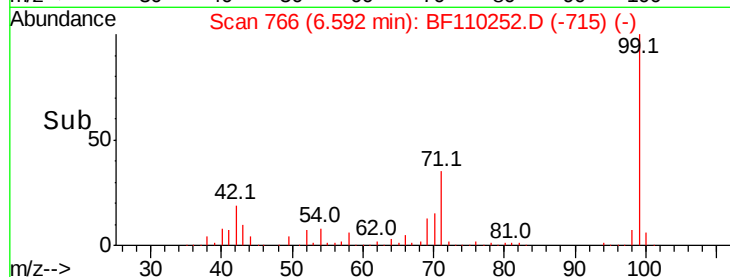
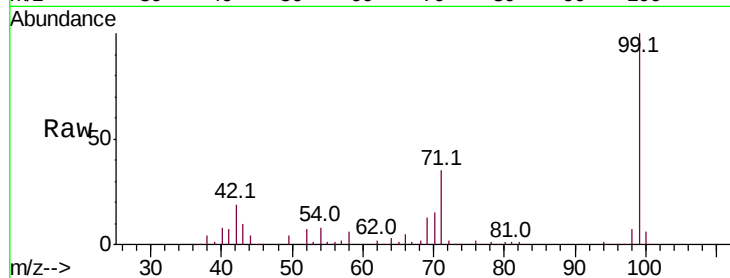
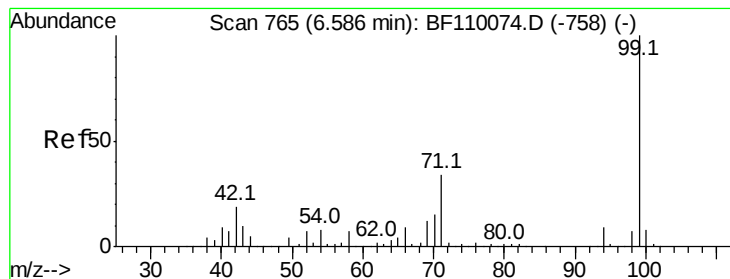
Abundance

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: 101.843 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110252.D

Acq: 29 Oct 2018 10:37

Instrument :

BNA_F

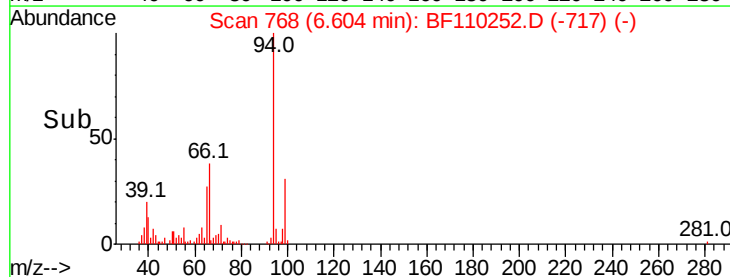
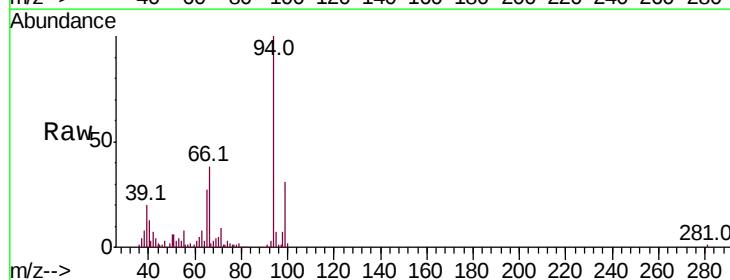
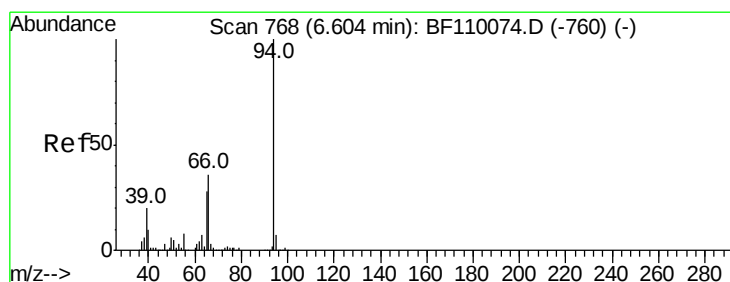
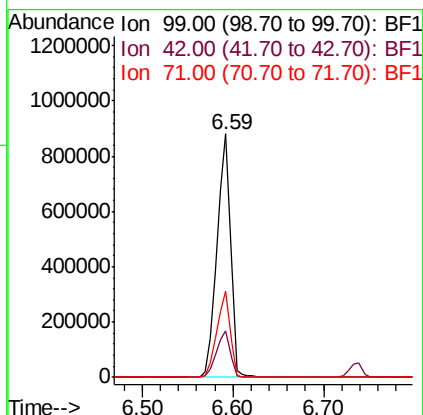
ClientSampled :

SW2-02

Tot Ion:	99	Resp:	907180
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	35.3	28.0	42.0

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#10

Phenol

Concen: 5.440 ng

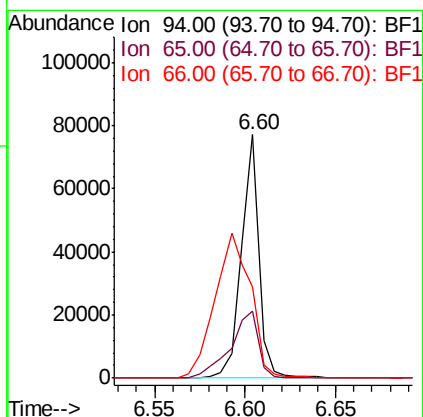
RT: 6.60 min Scan# 768

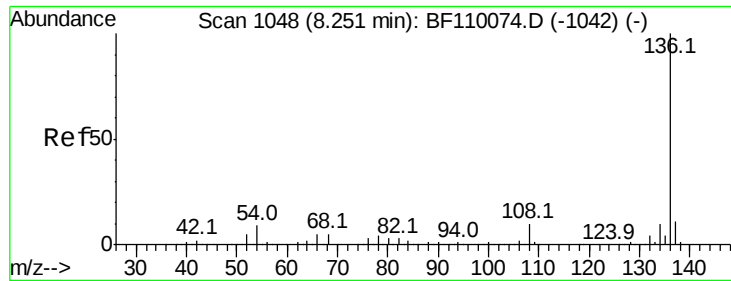
Delta R.T. 0.00 min

Lab File: BF110252.D

Acq: 29 Oct 2018 10:37

Tgt Ion:	94	Resp:	51800
Ion Ratio	Lower	Upper	
94	100		
65	27.5	25.3	65.3
66	37.6	54.5	94.5#





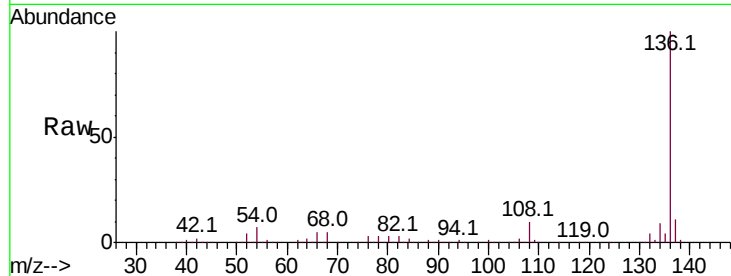
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :
SW2-02

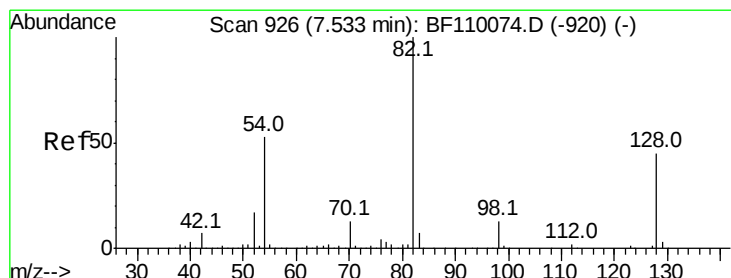
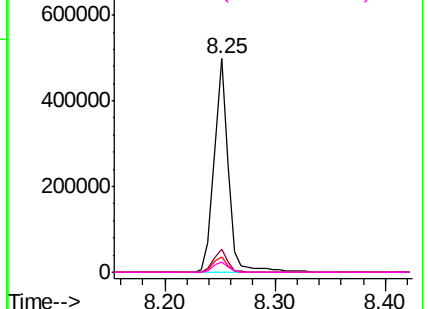
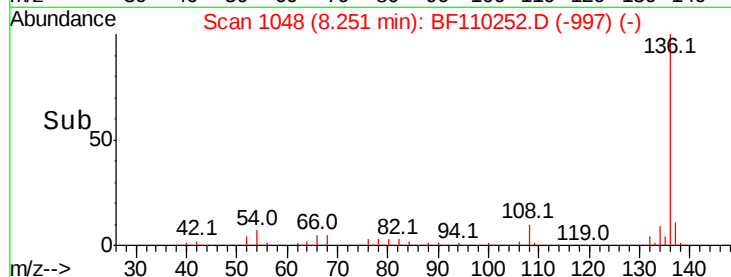
Tot Ion	Ratio	Resp	Lower	Upper
136	100	441494		
137	10.6		8.8	13.2
54	7.3		5.4	8.2
68	5.1		4.2	6.2

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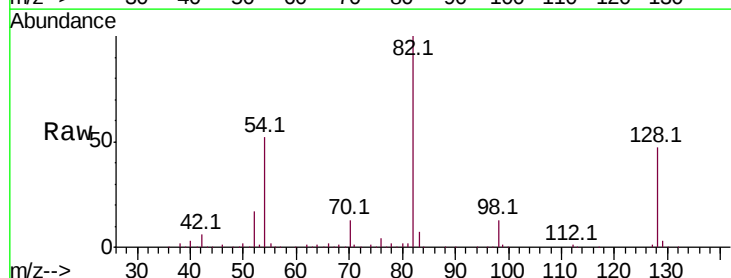


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

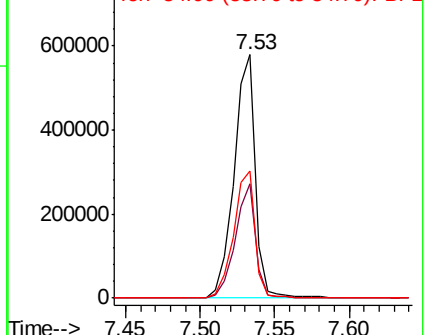
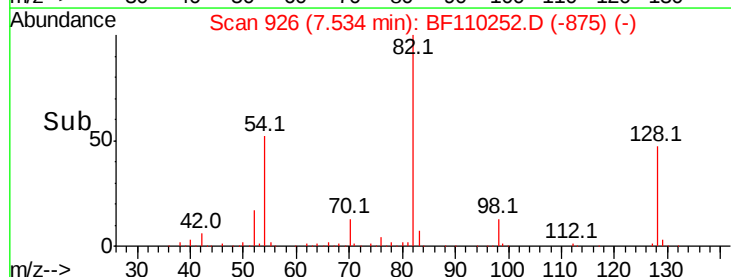


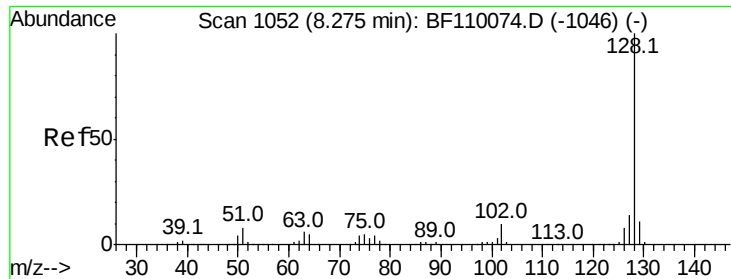
#23
Nitrobenzene-d5
Concen: 78.131 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	581560		
128	47.1		34.2	51.2
54	52.1		38.6	58.0



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





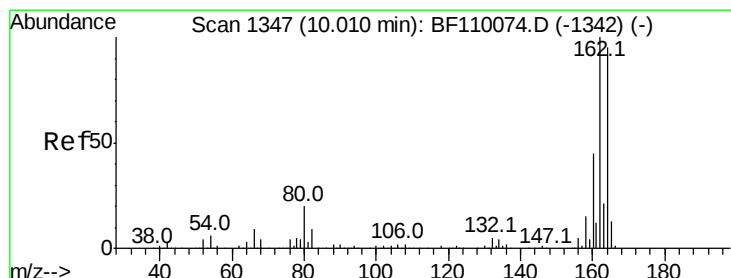
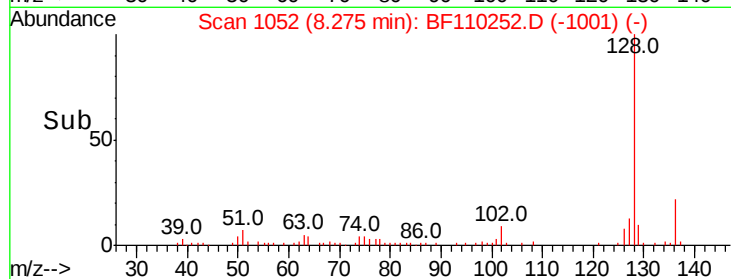
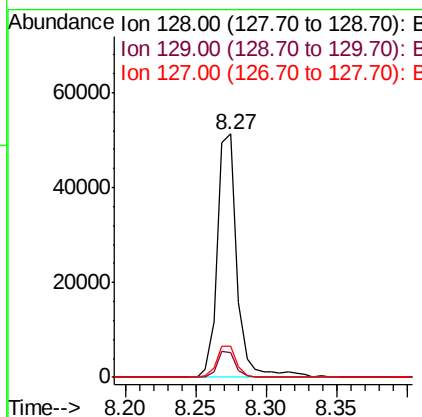
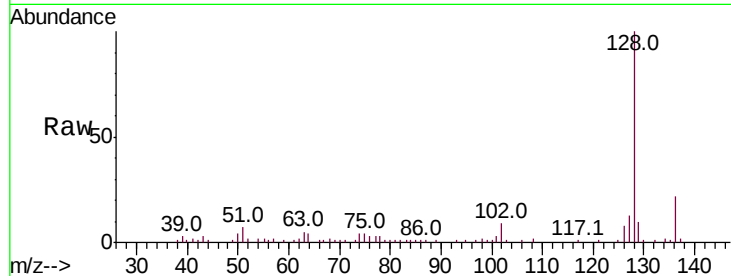
#31
Naphthalene
Concen: 2.458 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :
SW2-02

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	12.6	10.8	16.2

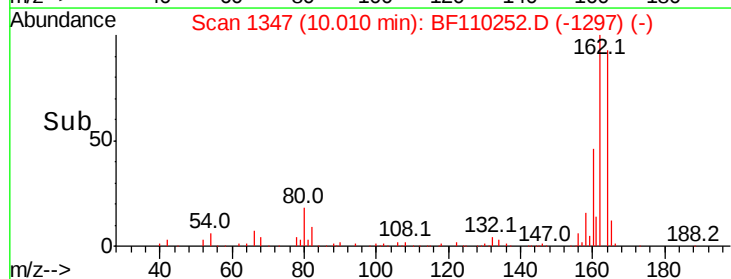
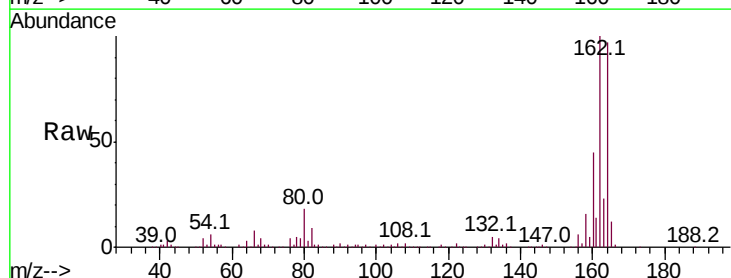
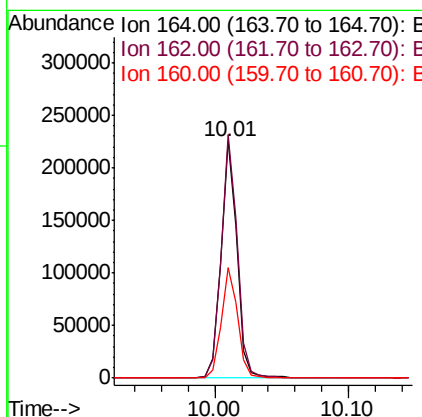
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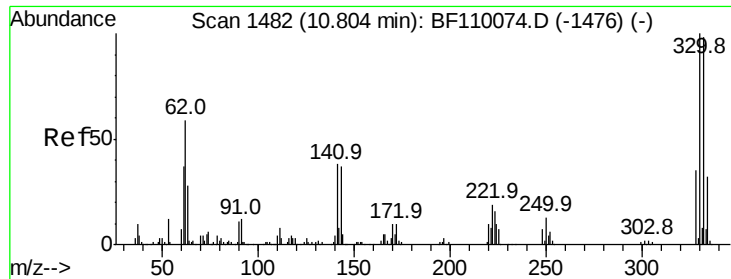
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.6	37.0	55.6





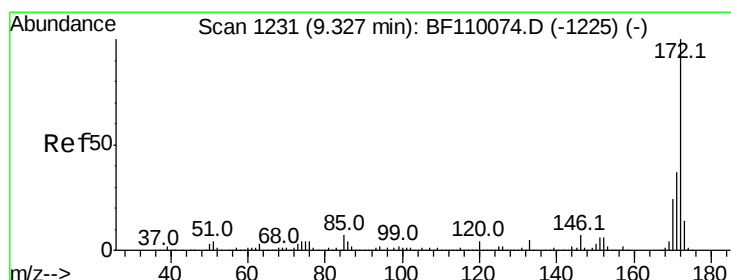
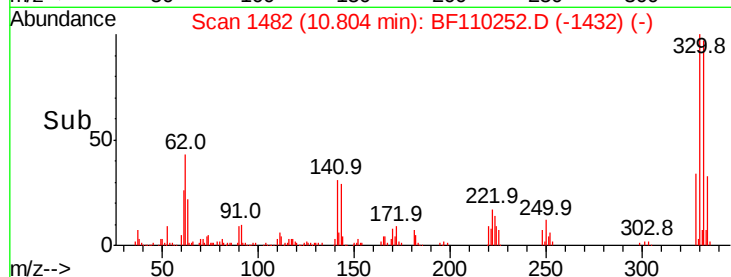
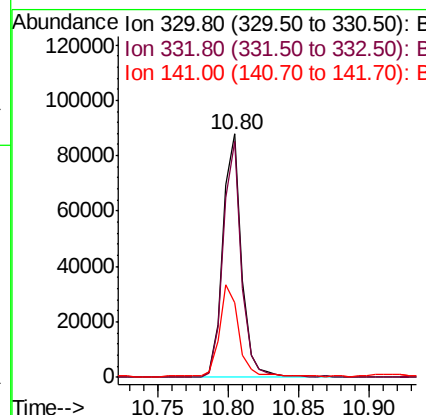
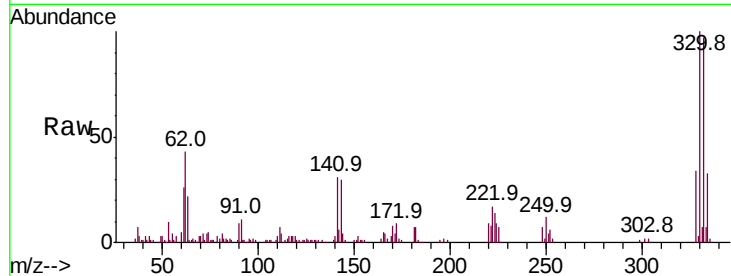
#42
 2,4,6-Tribromophenol
 Concen: 42.999 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110252.D
 Acq: 29 Oct 2018 10:37

Instrument :
 BNA_F
 ClientSampled :
 SW2-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	38.6	27.0	40.4

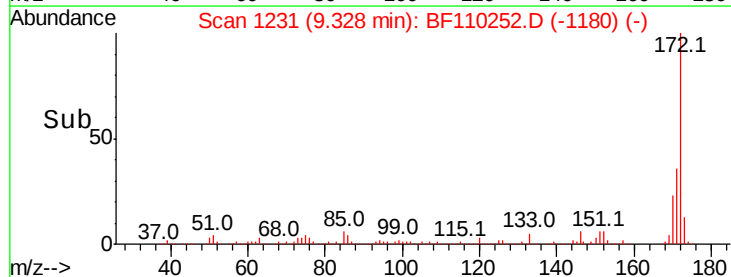
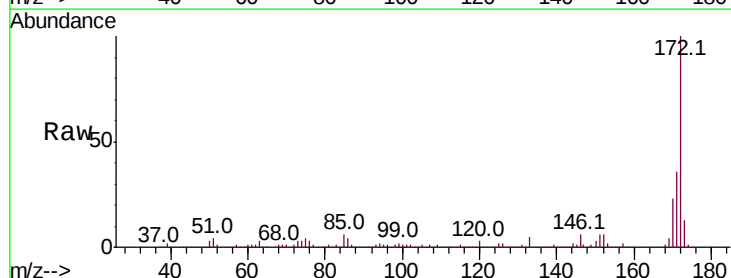
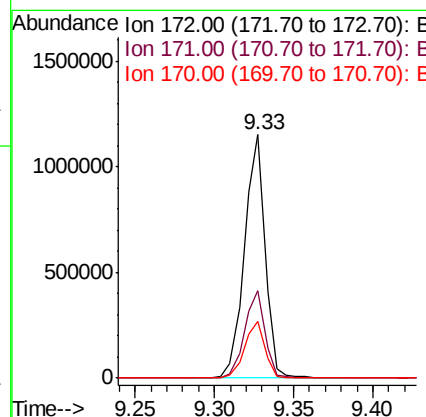
Manual Integrations
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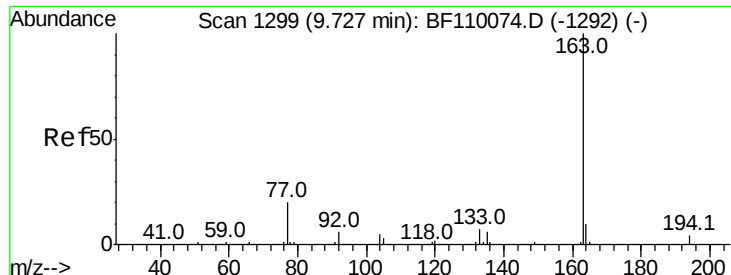
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#45
 2-Fluorobiphenyl
 Concen: 85.643 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110252.D
 Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.4	19.7	29.5





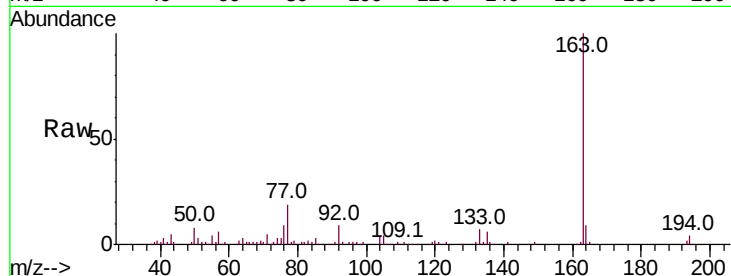
#50
Dimethylphthalate
Concen: 7.735 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampled :
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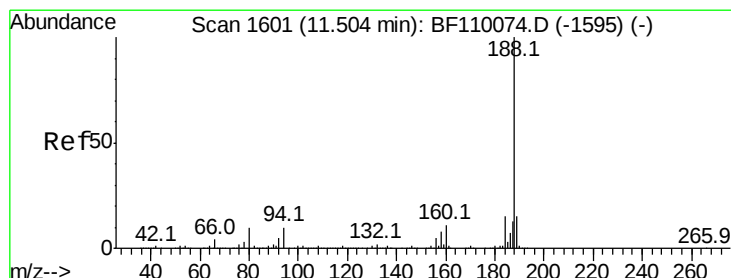
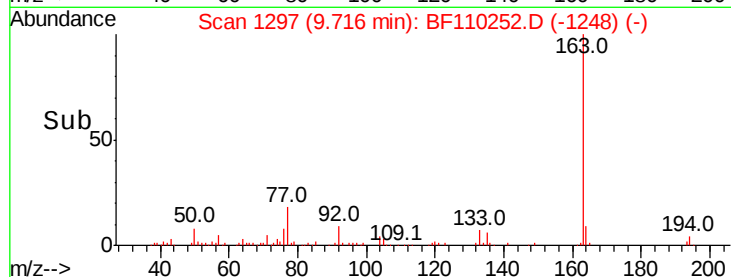
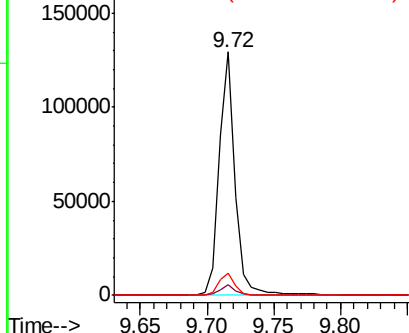
Tot Ion	Ratio	Resp	Lower	Upper
163	100	108675		
194	4.2		3.2	4.8
164	9.0		8.1	12.1

Manual Integrations
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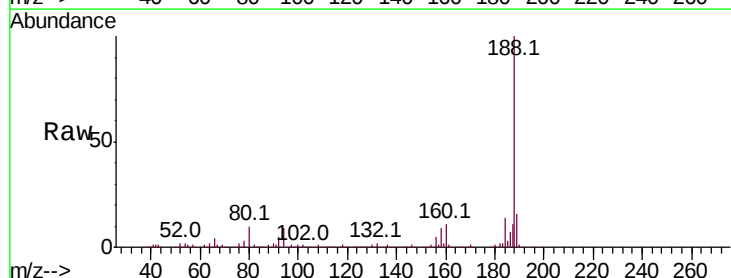


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

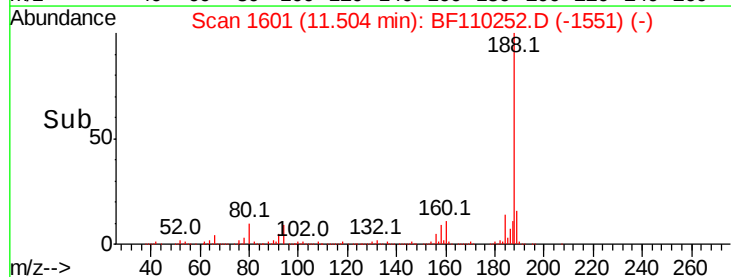
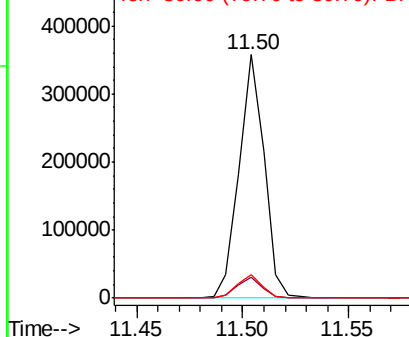


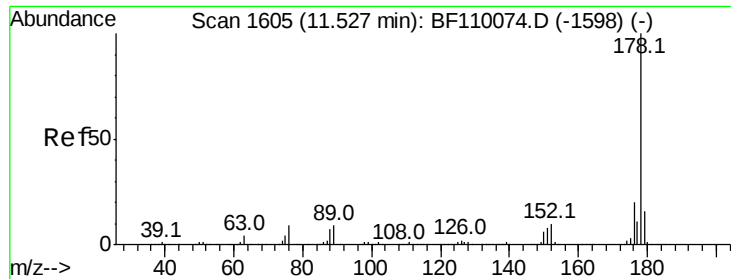
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	294019		
94	8.8		7.2	10.8
80	9.5		7.9	11.9



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





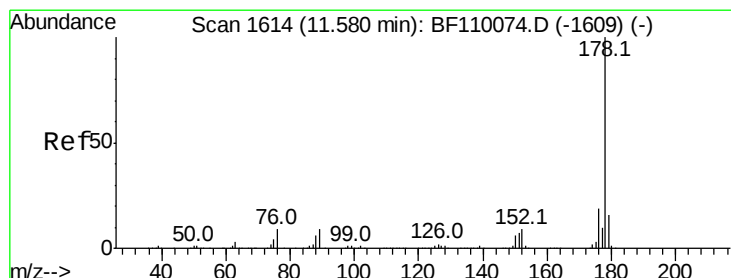
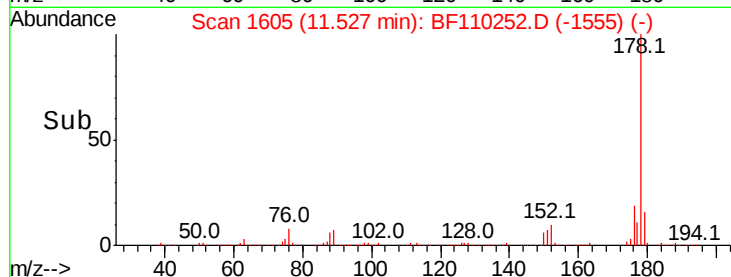
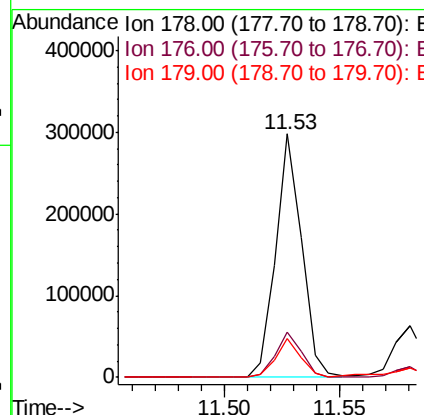
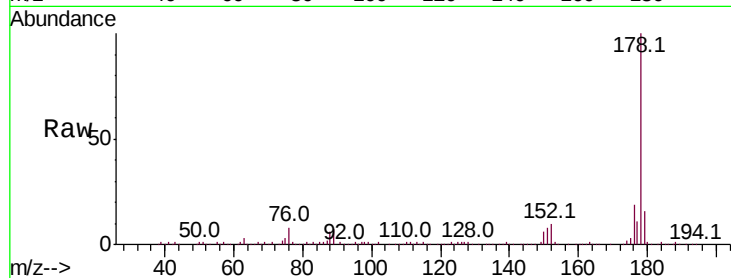
#71
Phenanthrene
Concen: 15.136 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :
SW2-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	16.0	12.5	18.7

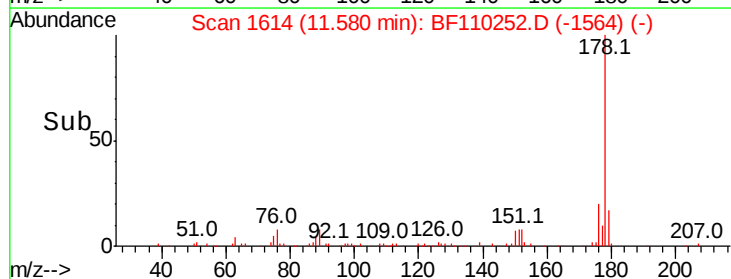
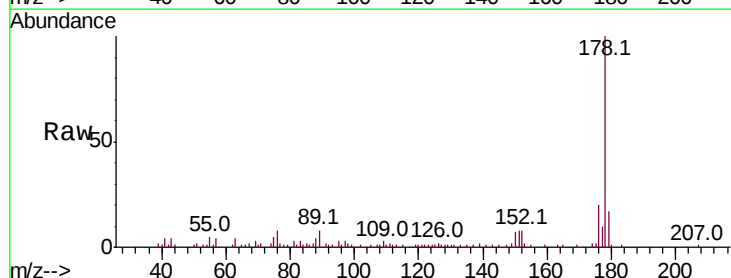
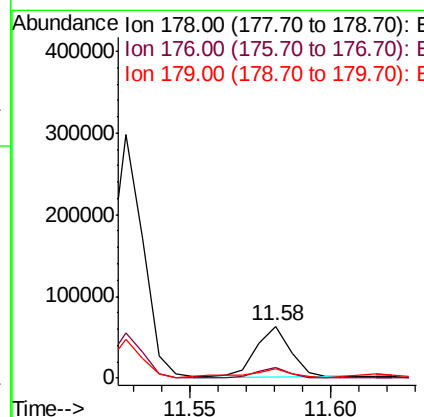
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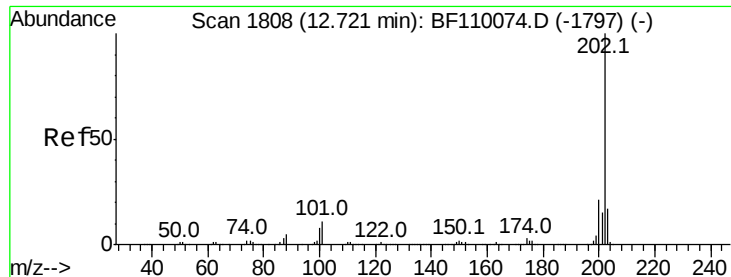
Sohil
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#72
Anthracene
Concen: 3.471 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	17.3	12.6	18.8





#75

Fluoranthene

Concen: 13.621 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110252.D

Acq: 29 Oct 2018 10:37

Instrument :

BNA_F

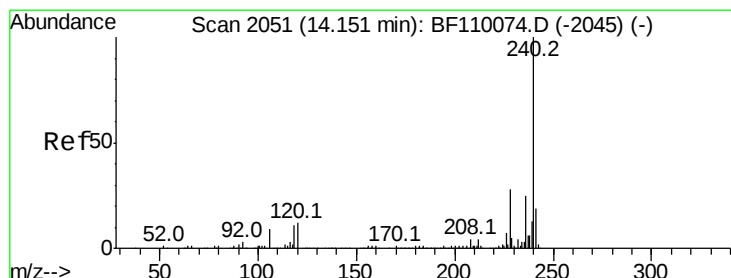
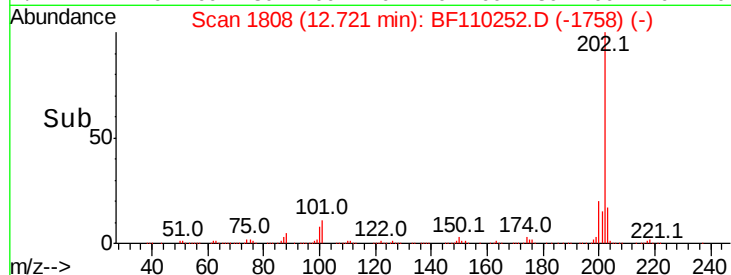
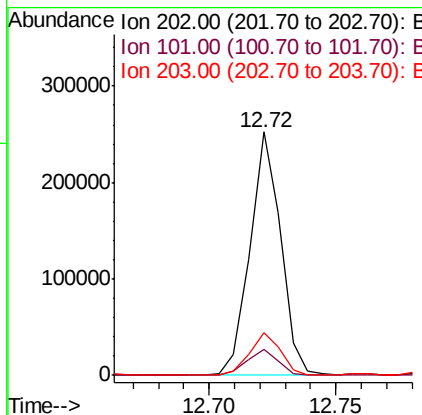
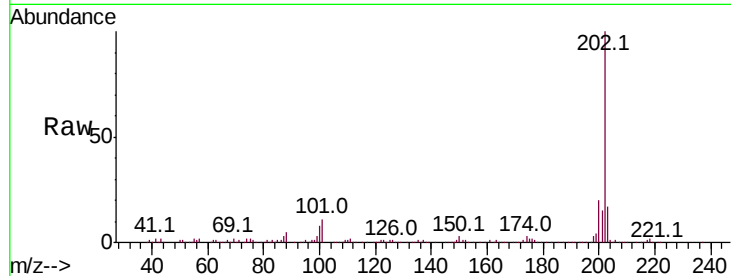
ClientSampleId :

SW2-02

Tot Ion:	202	Resp:	212673
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.4
203	17.4	0.0	37.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

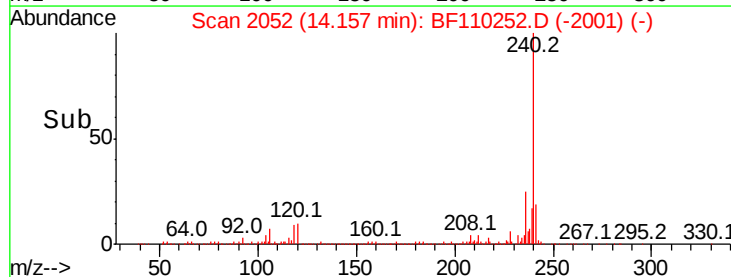
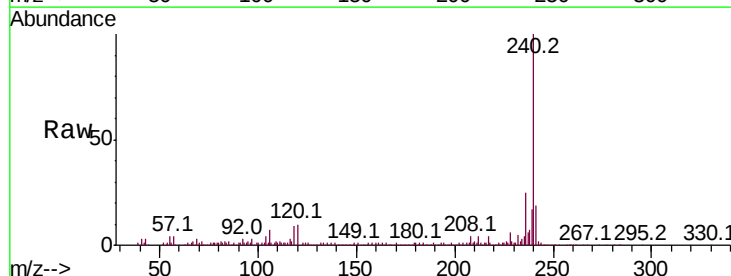
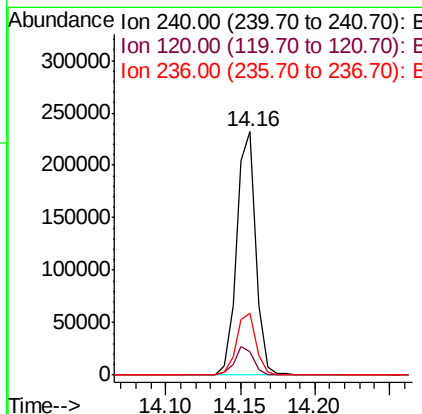
RT: 14.16 min Scan# 2052

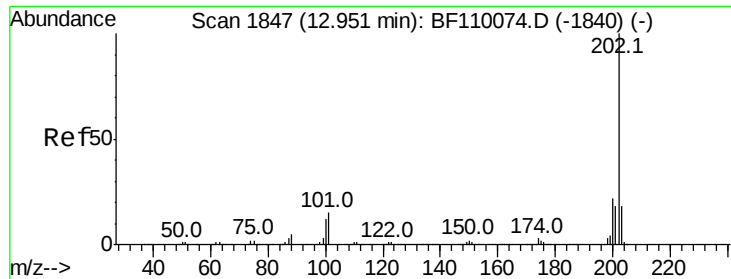
Delta R.T. 0.00 min

Lab File: BF110252.D

Acq: 29 Oct 2018 10:37

Tgt Ion:	240	Resp:	209389
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.3	12.5
236	25.3	21.2	31.8





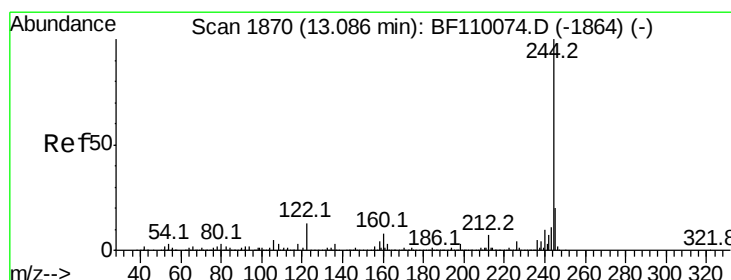
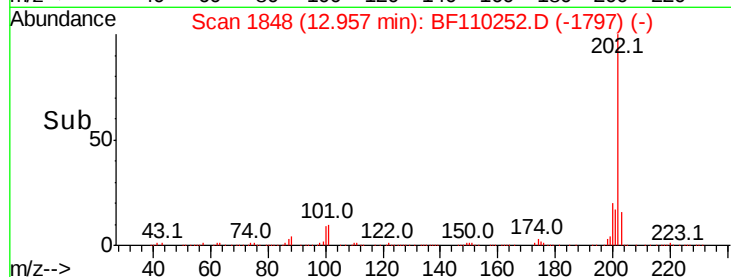
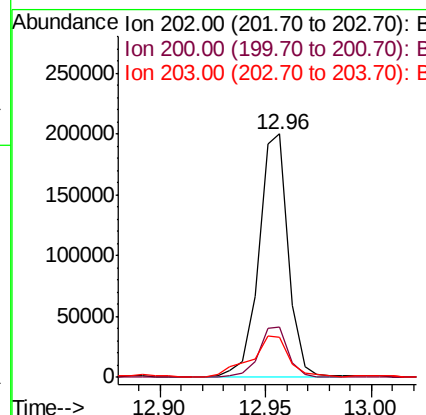
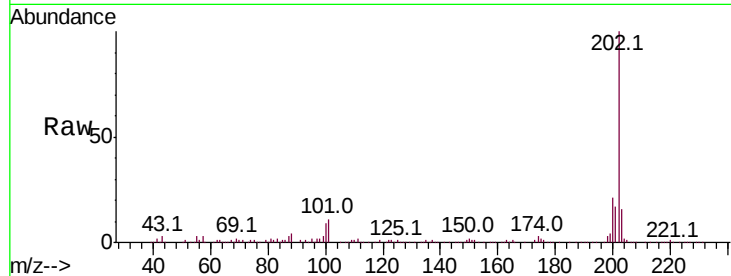
#78
Pvrene
Concen: 12.900 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :
SW2-02

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	16.3	14.2	21.4

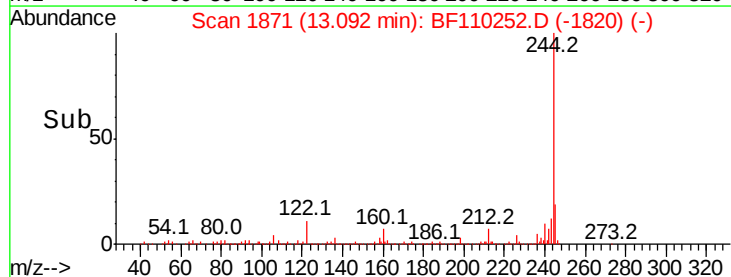
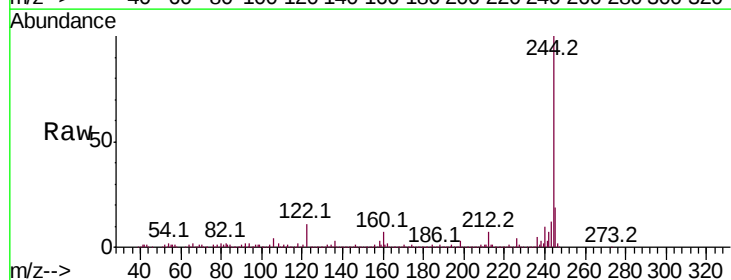
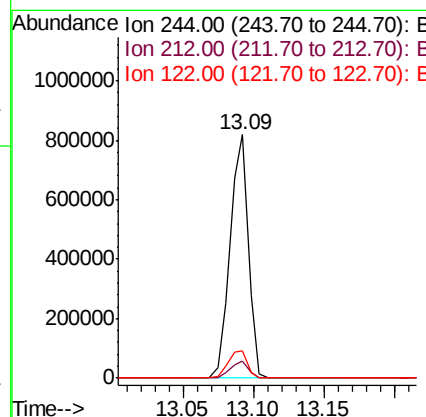
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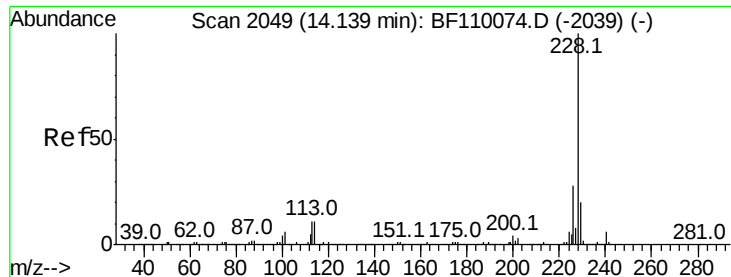
Sohil
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#79
Terphenyl-d14
Concen: 73.148 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.2	8.7	13.1





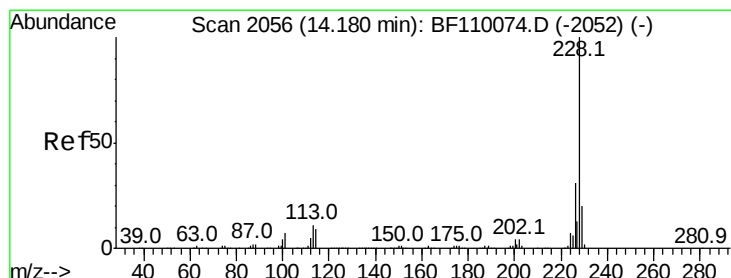
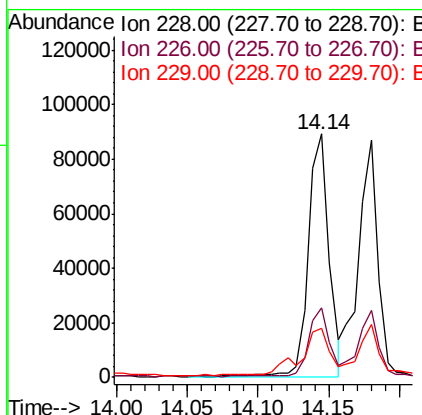
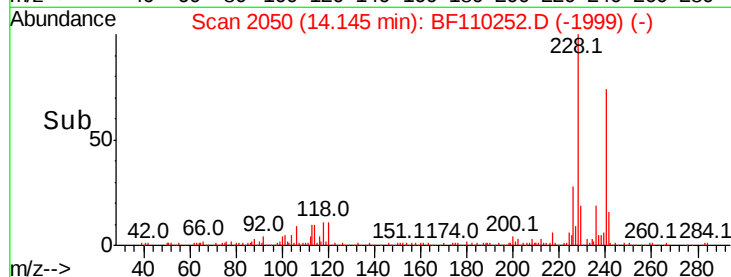
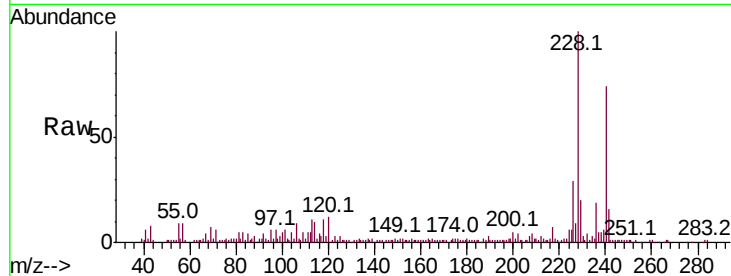
#81
Benzo(a)anthracene
Concen: 7.374 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :
SW2-02

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	20.2	15.6	23.4

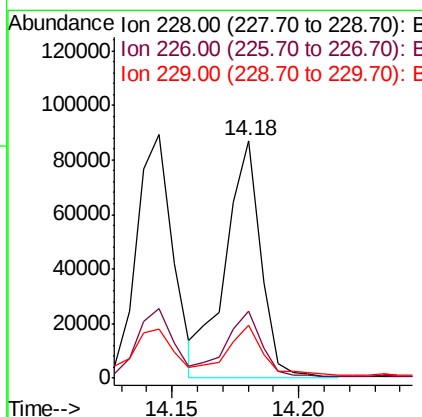
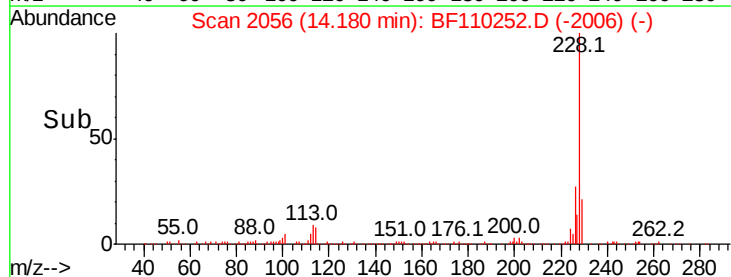
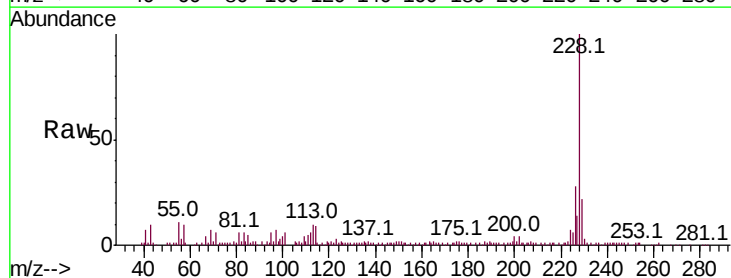
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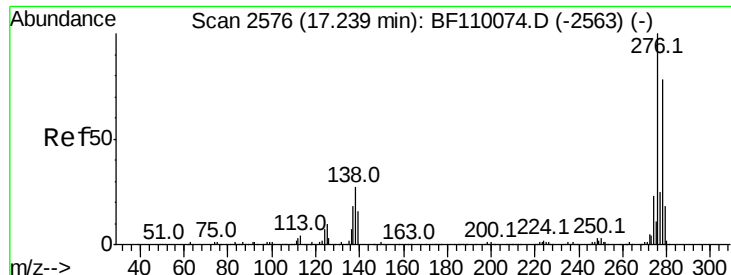
Sohil
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#83
Chrysene
Concen: 7.086 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.7	37.1
229	22.5	15.9	23.9





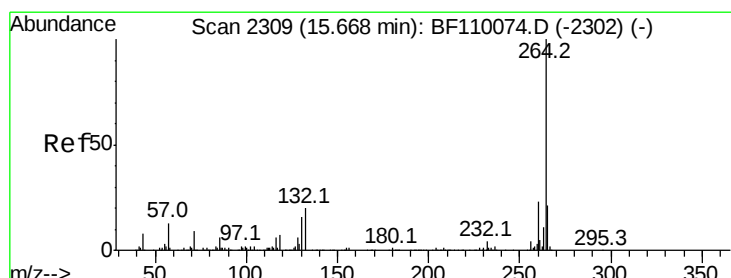
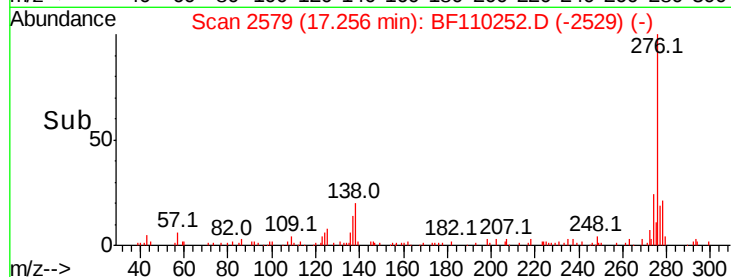
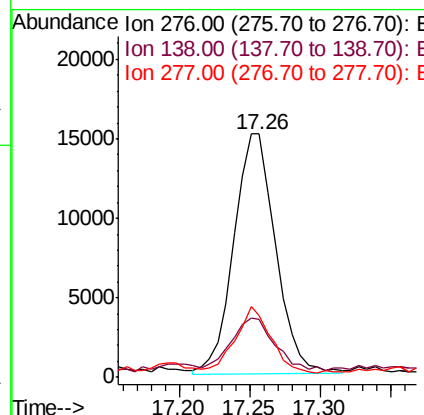
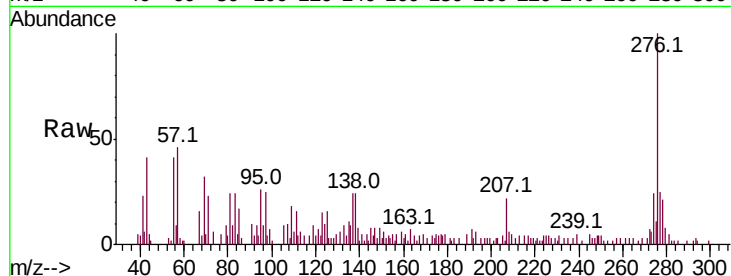
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.202 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :
SW2-02

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.5	27.7
277	23.8	20.0	30.0

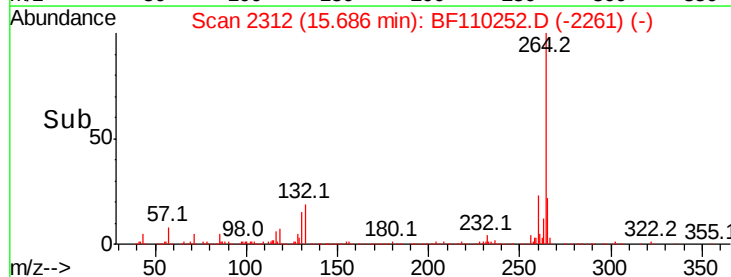
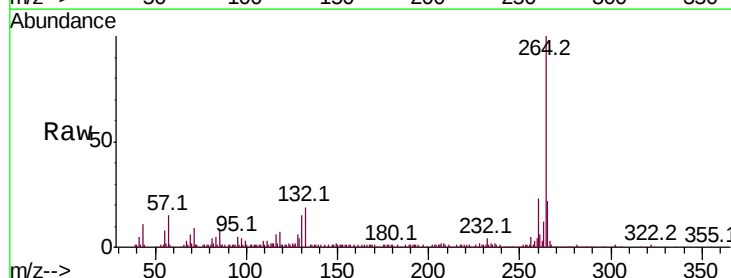
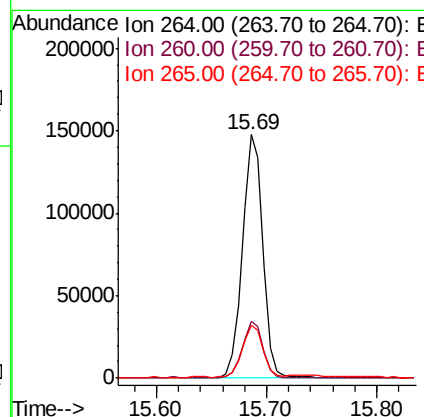
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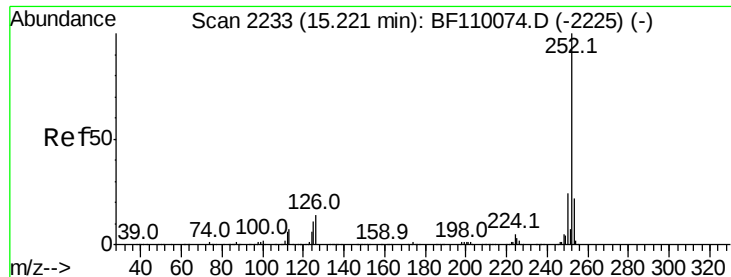
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	16.7	25.1





#88

Benzo(b)fluoranthene

Concen: 7.575 ng m

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF110252.D

Acq: 29 Oct 2018 10:37

Instrument :

BNA_F

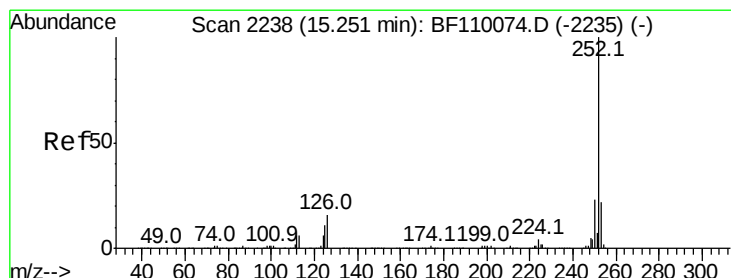
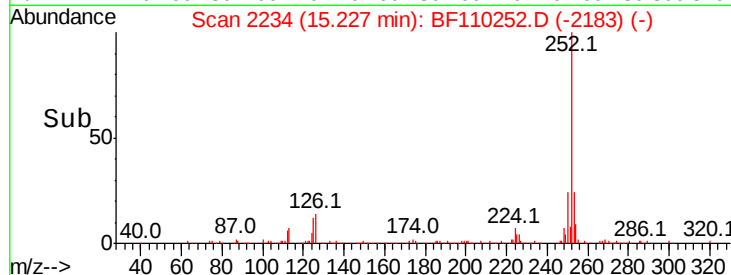
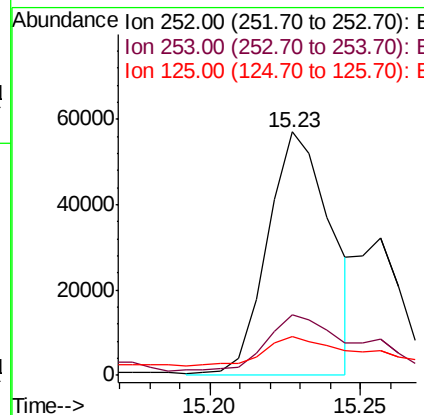
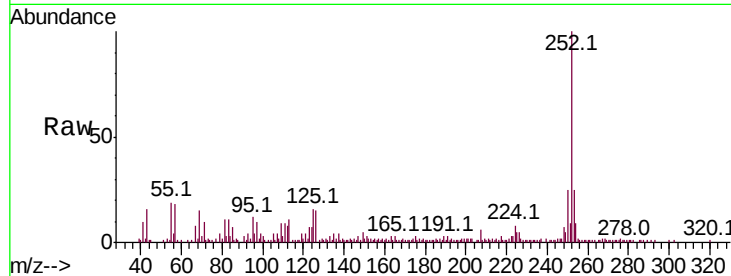
ClientSampleId :

SW2-02

Tot Ion:	252	Resp:	84120
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.2	25.8
125	16.0	8.2	12.4#

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#89

Benzo(k)fluoranthene

Concen: 3.056 ng m

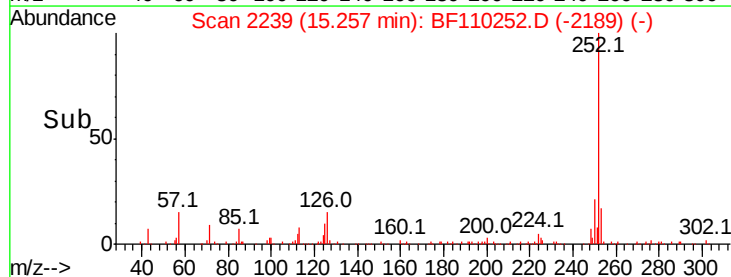
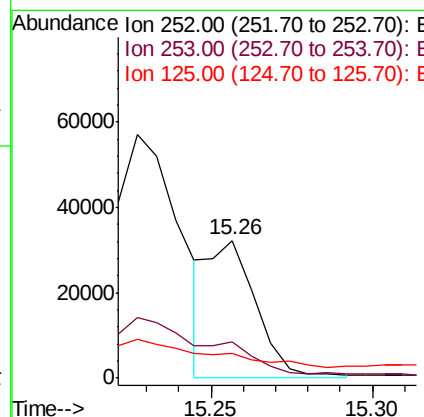
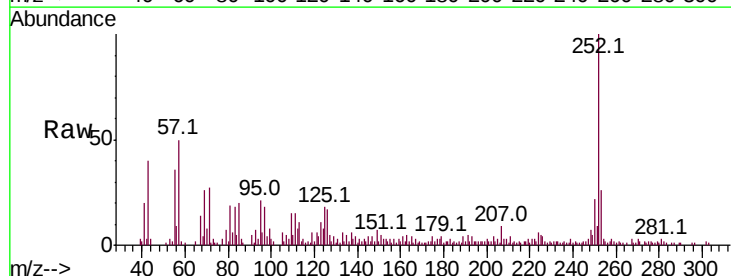
RT: 15.26 min Scan# 2239

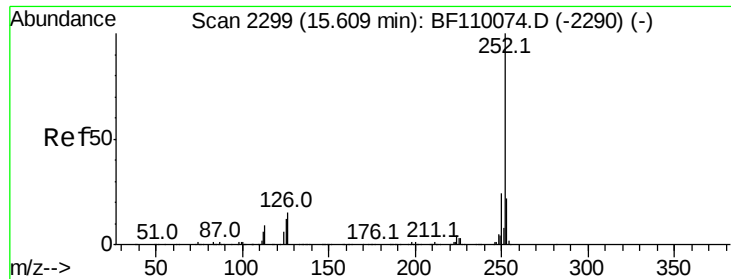
Delta R.T. -0.01 min

Lab File: BF110252.D

Acq: 29 Oct 2018 10:37

Tgt Ion:	252	Resp:	33363
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.2	25.8#
125	17.8	7.4	11.0#





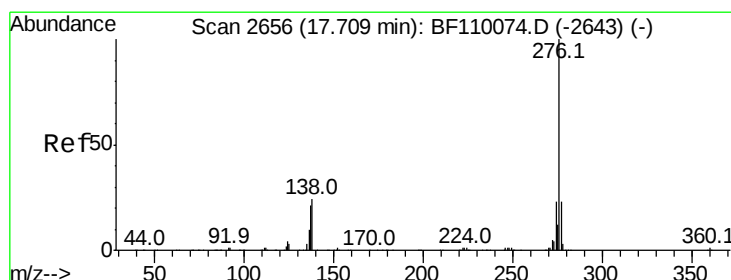
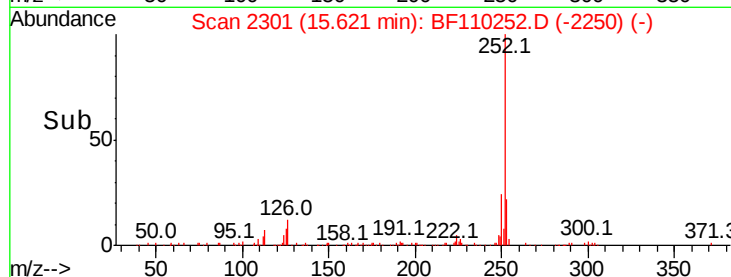
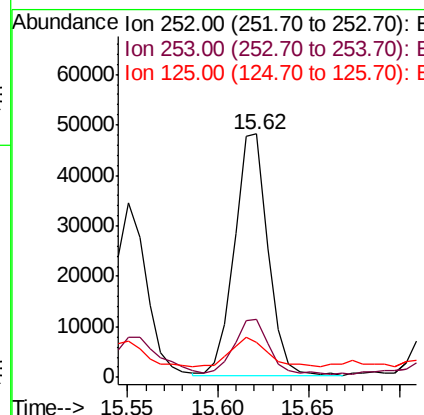
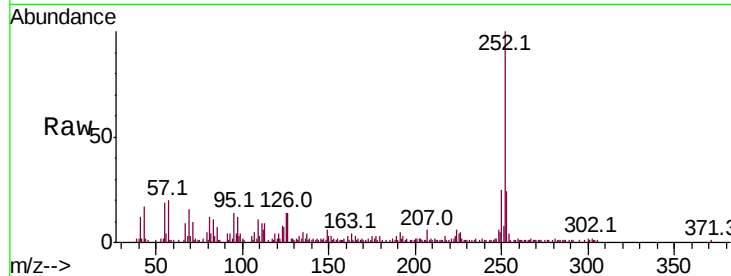
#90
Benzo(a)pyrene
Concen: 6.006 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Instrument :
BNA_F
ClientSampleId :
SW2-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	14.1	9.0	13.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.351 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110252.D
Acq: 29 Oct 2018 10:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.8	28.2
138	25.7	16.0	24.0

