

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
 Data File : BF110947.D
 Acq On : 23 Nov 2018 16:40
 Operator : JU/SJ
 Sample : J5999-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1115-S-AB-1

Manual Integrations
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 11/26/2018 3:12:04 PM

Quant Time: Nov 23 21:19:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58512	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	239138	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	103223	20.00	ng	-0.02
64) Phenanthrene-d10	11.47	188	165404	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	138117	20.00	ng	-0.01
87) Perylene-d12	15.66	264	126677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	354126	98.31	ng	0.00
7) Phenol-d6	6.56	99	447089	97.06	ng	-0.01
23) Nitrobenzene-d5	7.50	82	280716	67.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.77	330	81546	78.40	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	356430	49.32	ng	-0.02
79) Terphenyl-d14	13.05	244	280603	38.05	ng	-0.02
Target Compounds						
10) Phenol	6.57	94	23198	4.343	ng	Qvalue # 74
50) Dimethylphthalate	9.69	163	31259	4.058	ng	96
71) Phenanthrene	11.50	178	21370	2.412	ng	98
75) Fluoranthene	12.70	202	56503	6.360	ng	96
78) Pyrene	12.93	202	51544	4.847	ng	98
81) Benzo(a)anthracene	14.12	228	31545	3.821	ng	98
83) Chrysene	14.15	228	30138	3.832	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	11940	2.116	ng	# 88
88) Benzo(b)fluoranthene	15.20	252	36659m	4.837	ng	
90) Benzo(a)pyrene	15.60	252	26055	3.784	ng	# 94

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

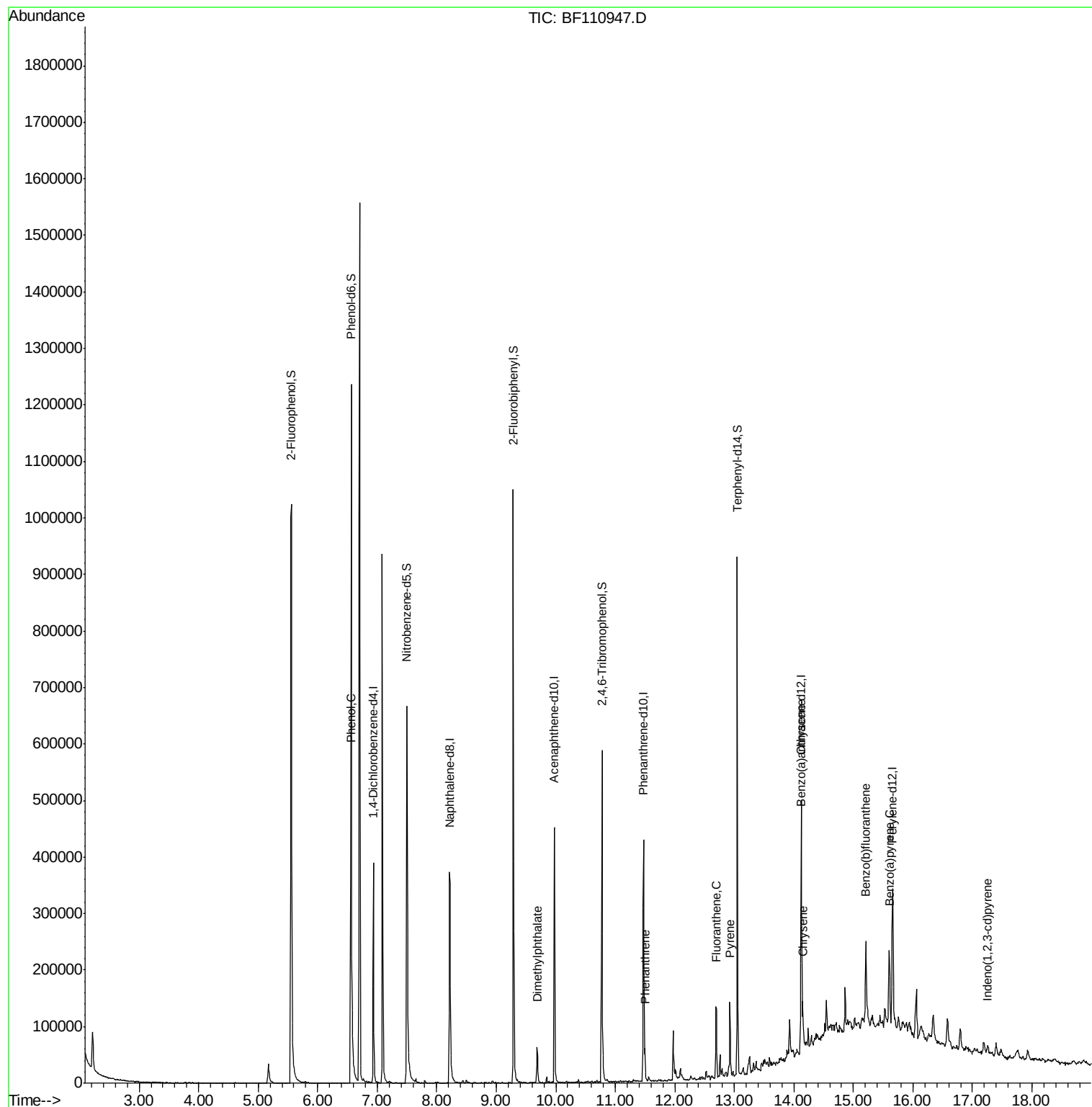
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110947.D
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ALS Vial : 7 Sample Multiplier: 1

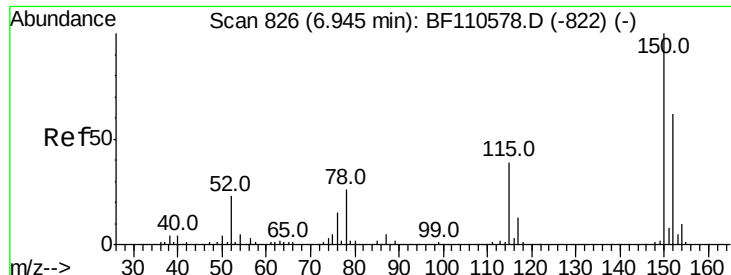
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Nov 23 21:19:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

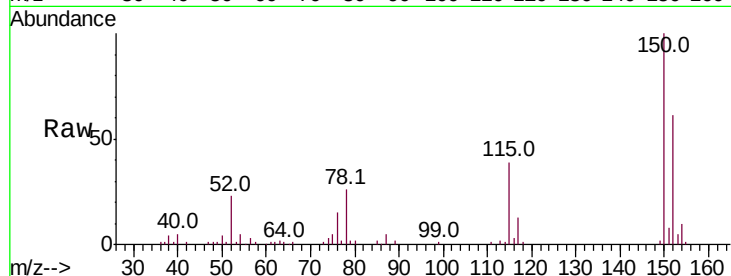
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	122.7	184.1
115	63.9	49.1	73.7

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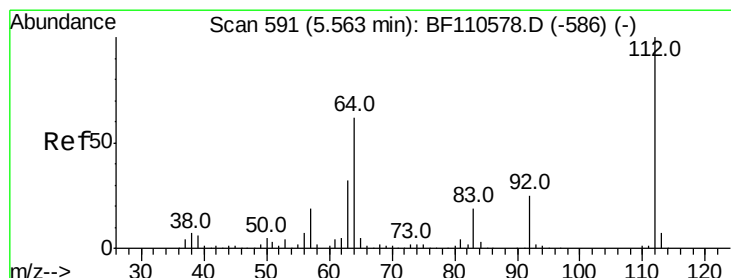
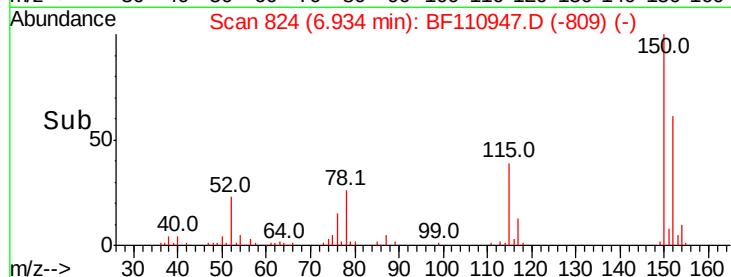
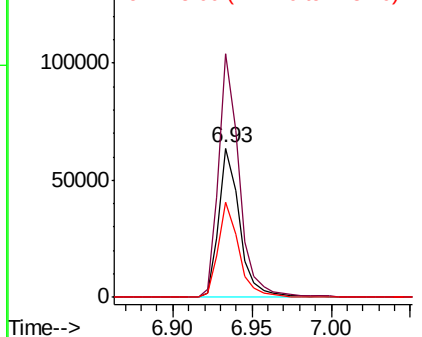


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

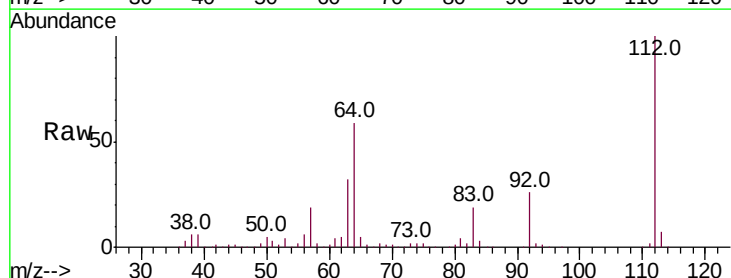
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.307 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.1	66.1
63	31.7	23.7	35.5

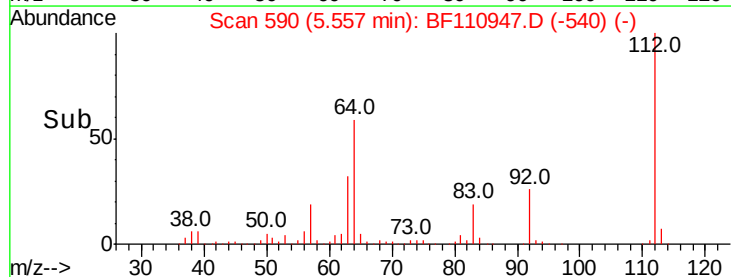
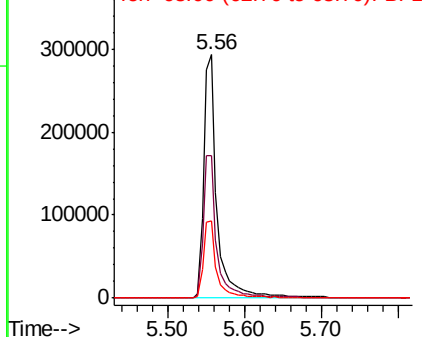


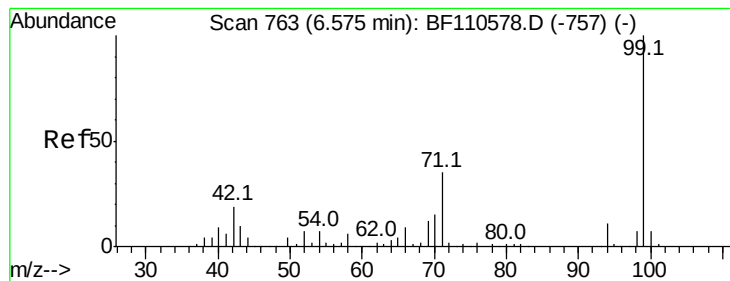
Abundance

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: 97.058 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110947.D

Acq: 23 Nov 2018 16:40

Instrument :

BNA_F

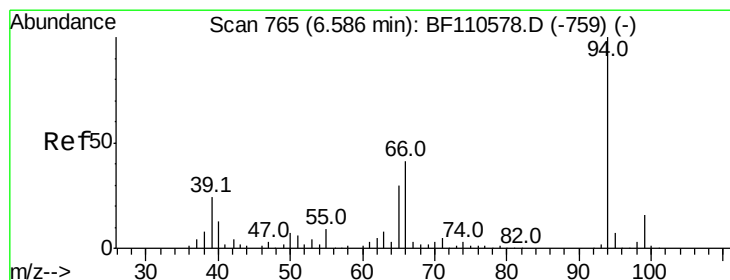
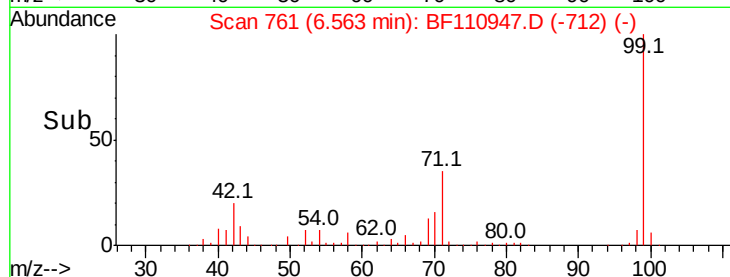
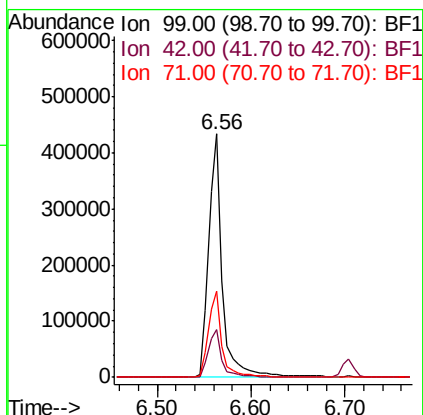
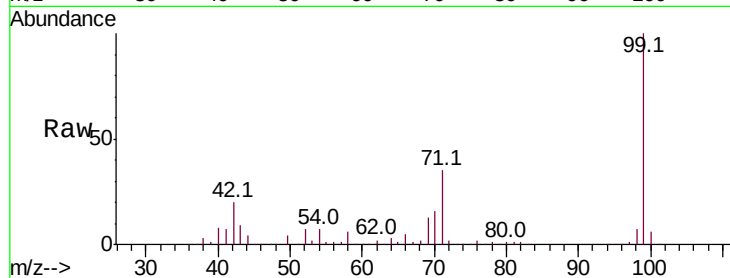
ClientSampleId :

SSSI-1115-S-AB-1

Tot Ion:	99	Resp:	447089
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	35.4	28.0	42.0

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#10

Phenol

Concen: 4.343 ng

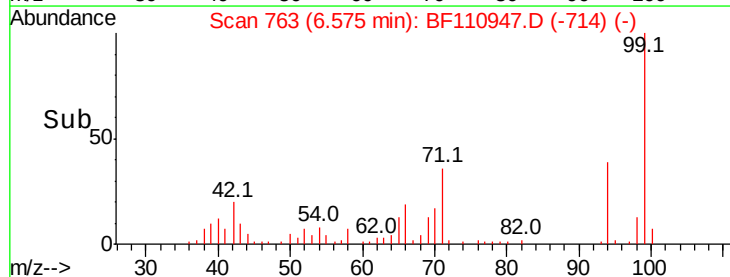
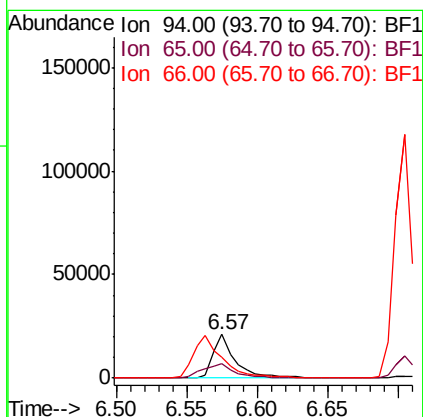
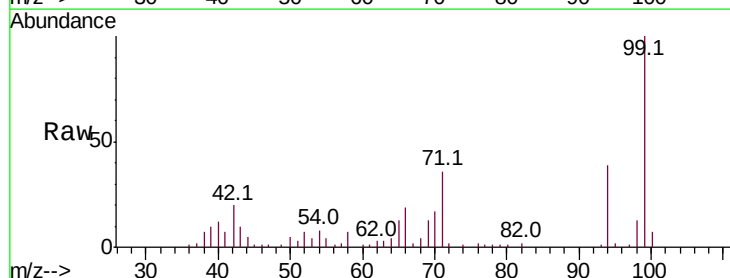
RT: 6.57 min Scan# 763

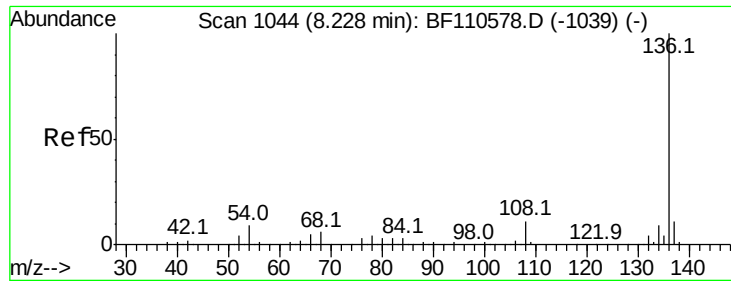
Delta R.T. -0.01 min

Lab File: BF110947.D

Acq: 23 Nov 2018 16:40

Tgt Ion:	94	Resp:	23198
Ion	Ratio	Lower	Upper
94	100		
65	32.8	25.3	65.3
66	48.4	54.5	94.5#





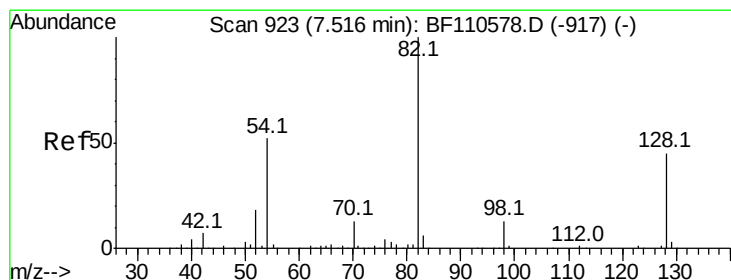
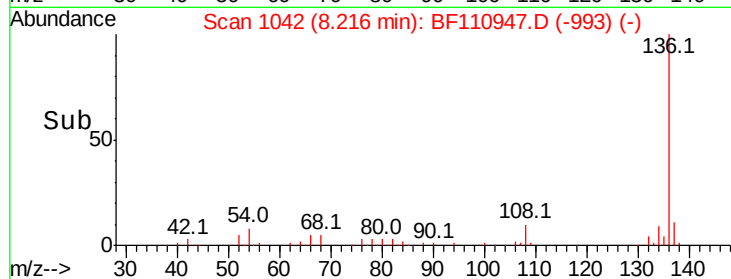
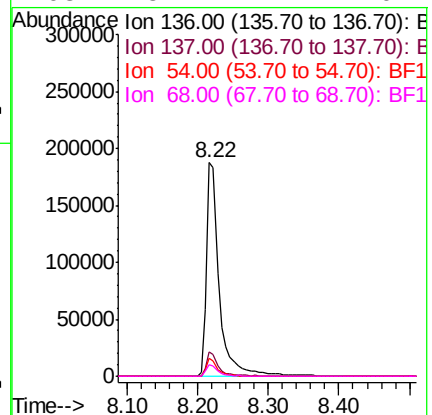
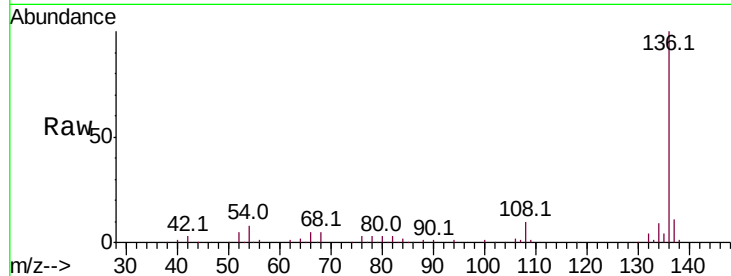
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.8	13.2	
54	8.4	5.4	8.2	
68	5.4	4.2	6.2	

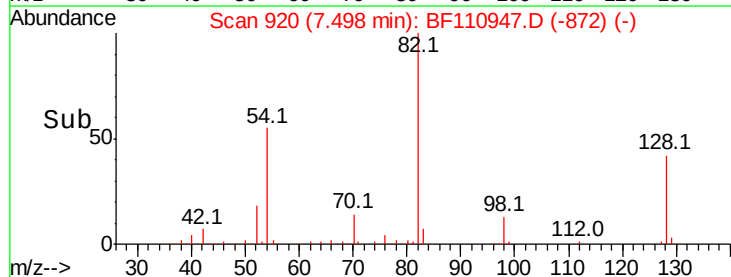
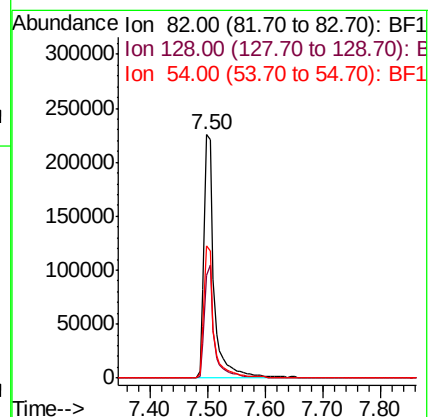
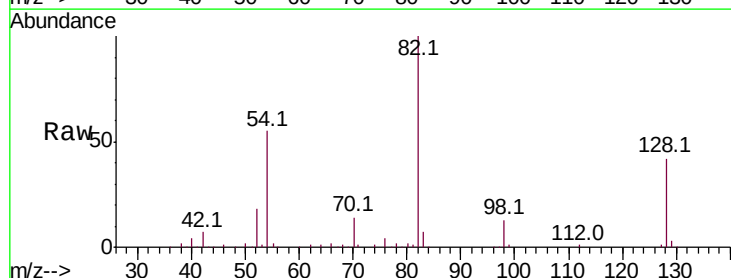
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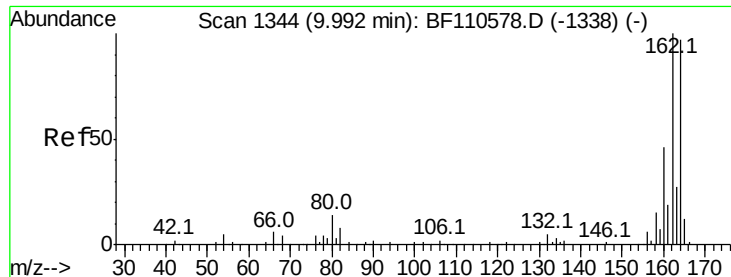
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#23
Nitrobenzene-d5
Concen: 67.602 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.4	34.2	51.2	
54	54.5	38.6	58.0	





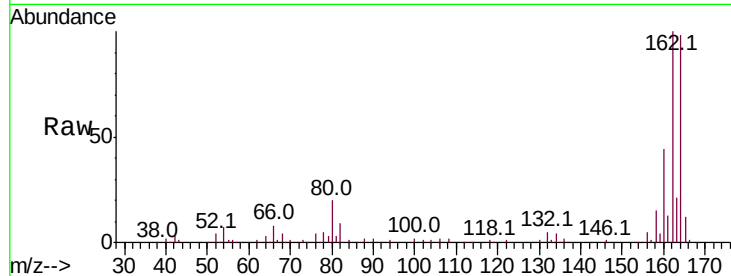
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-1

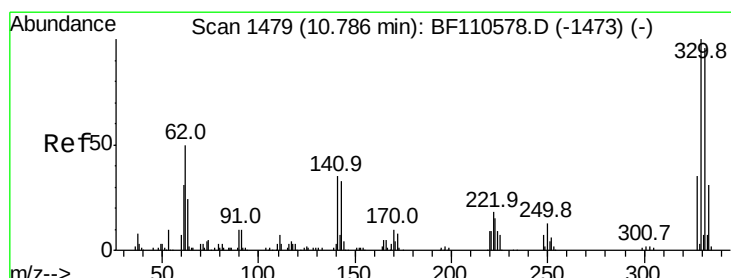
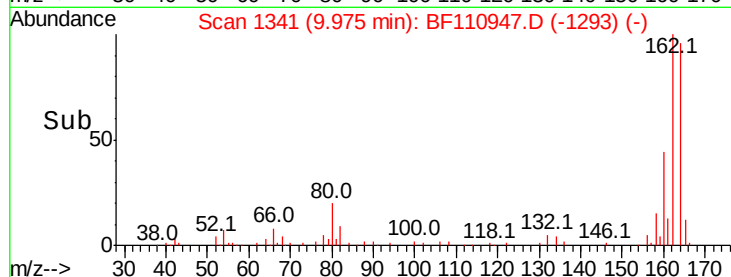
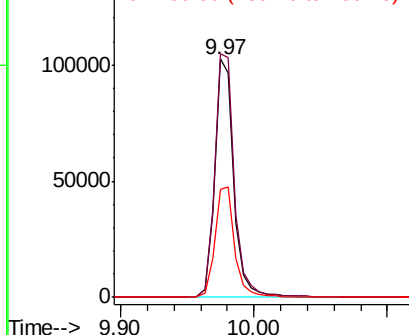
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	45.4	37.0	55.6

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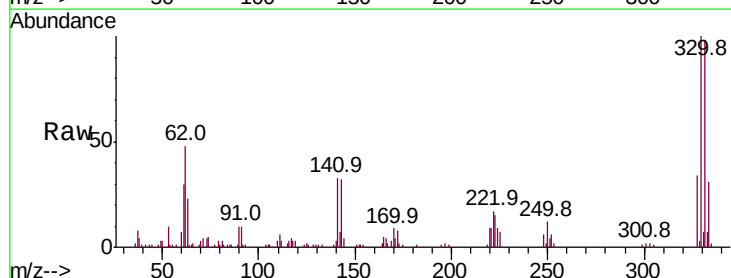


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

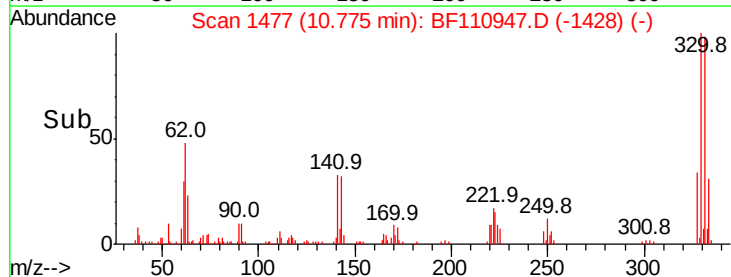
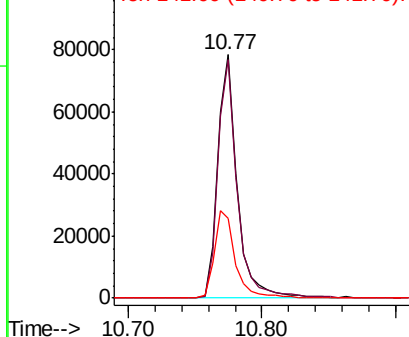


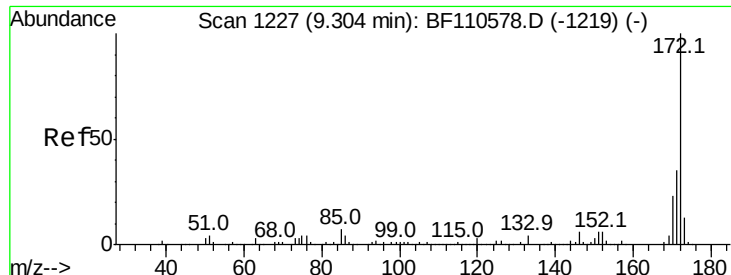
#42
2,4,6-Tribromophenol
Concen: 78.402 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	38.2	27.0	40.4



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





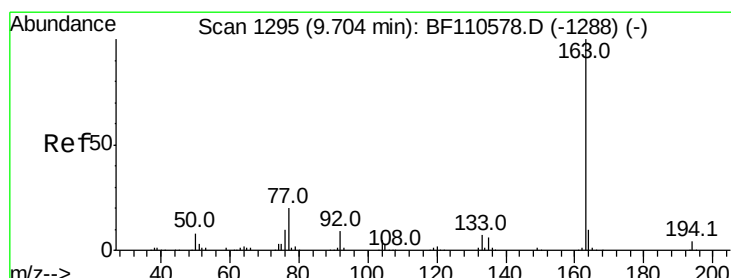
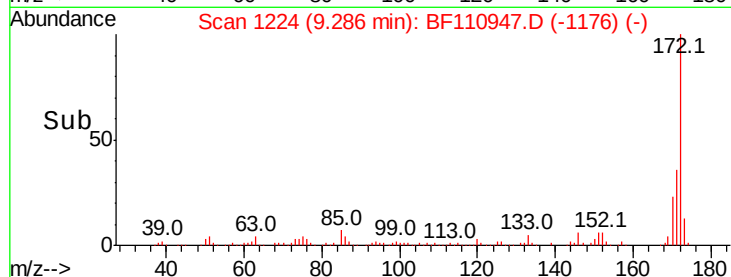
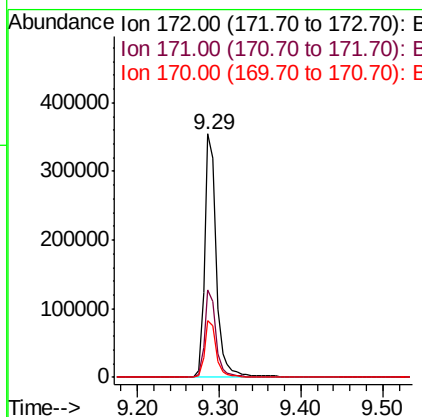
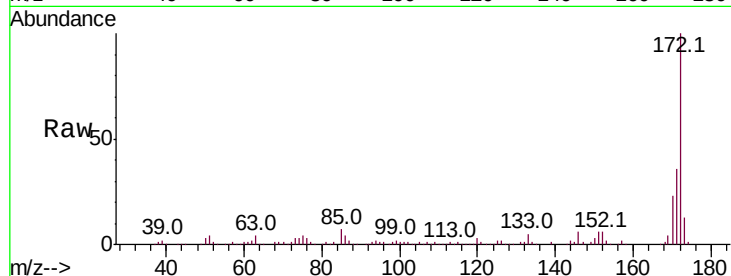
#45
2-Fluorobiphenyl
Concen: 49.315 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	28.6	43.0	
170	23.4	19.7	29.5	

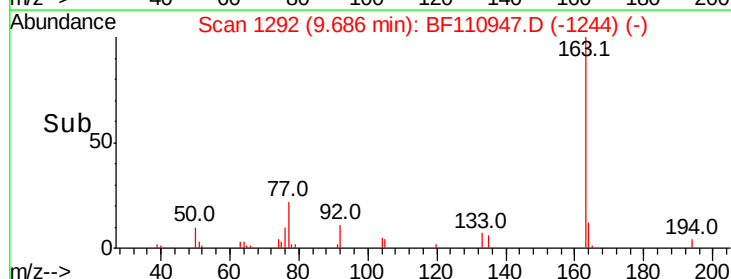
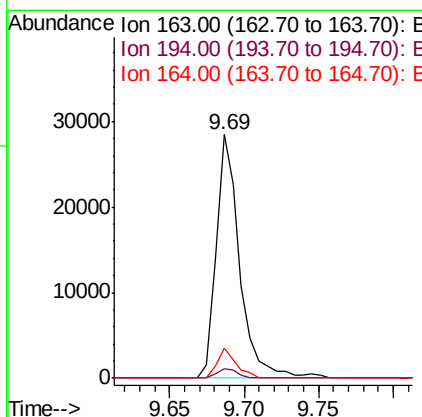
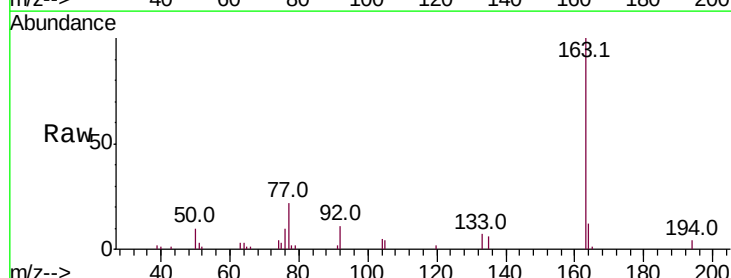
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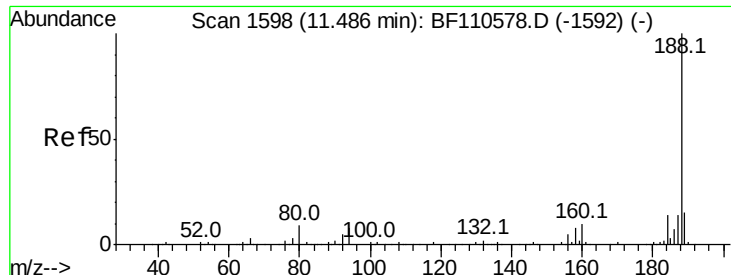
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#50
Dimethylphthalate
Concen: 4.058 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	3.2	4.8	
164	12.1	8.1	12.1	





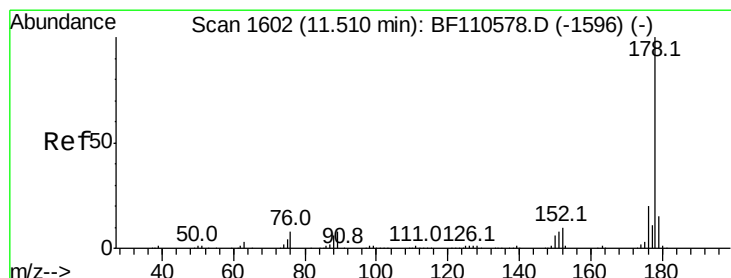
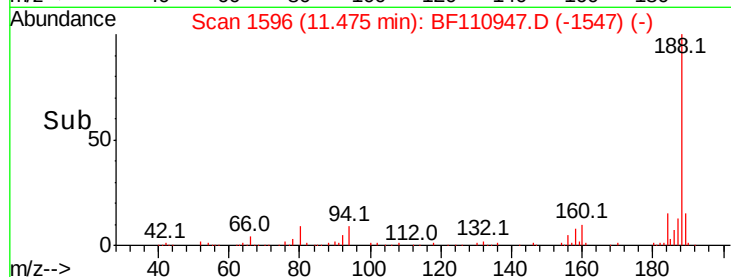
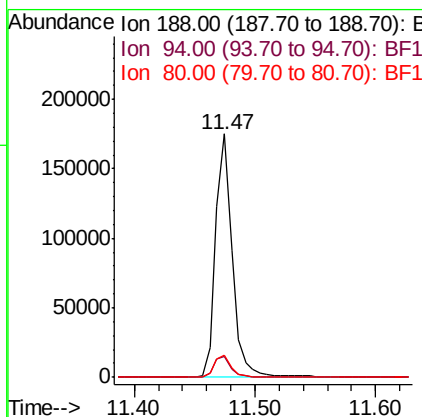
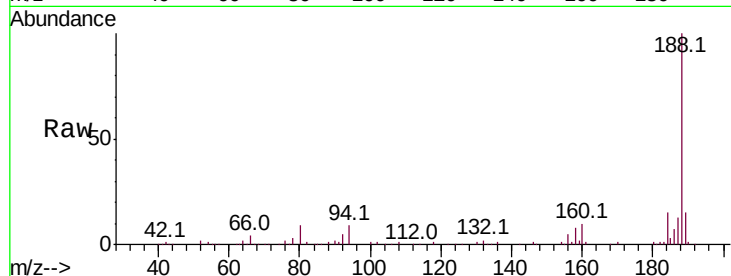
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	165404		
94	8.5	7.2	10.8	
80	9.0	7.9	11.9	

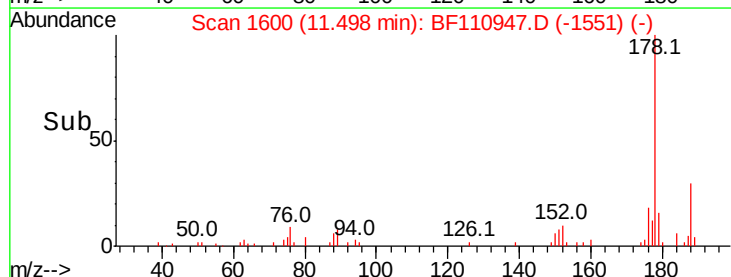
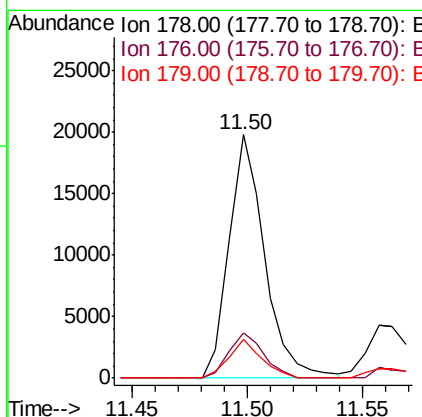
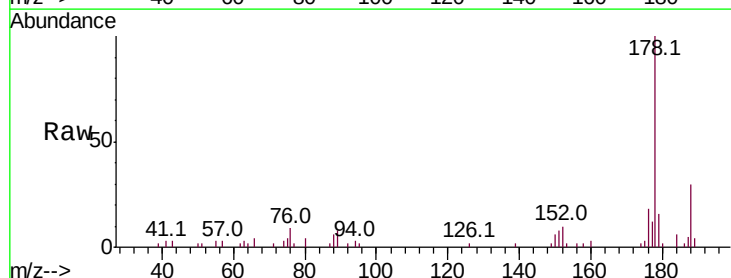
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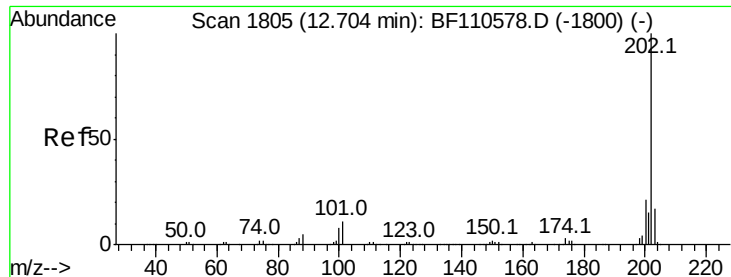
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#71
Phenanthrene
Concen: 2.412 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	21370		
176	18.4	15.5	23.3	
179	16.1	12.5	18.7	





#75

Fluoranthene

Concen: 6.360 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110947.D

Acq: 23 Nov 2018 16:40

Instrument :

BNA_F

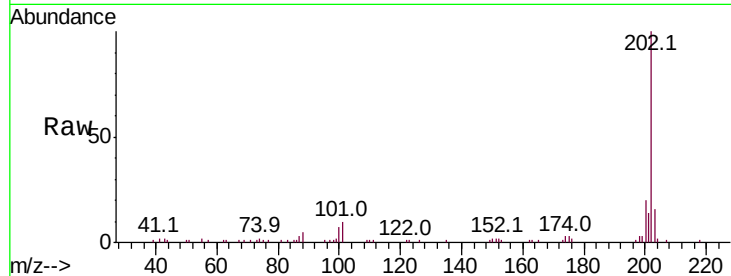
ClientSampleId :

SSSI-1115-S-AB-1

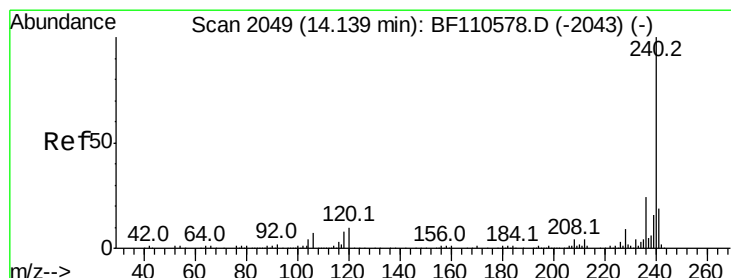
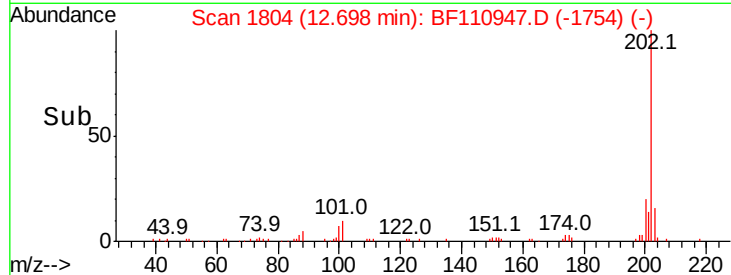
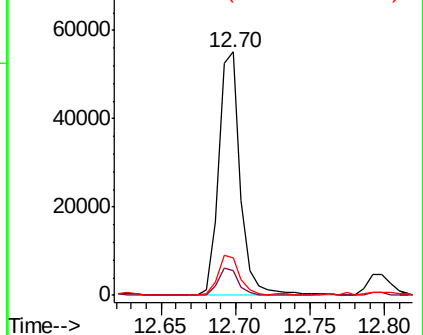
Tot Ion:	202	Resp:	56503
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.4
203	15.6	0.0	37.7

Manual Integrations
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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



#76

Chrysene-d12

Concen: 20.000 ng

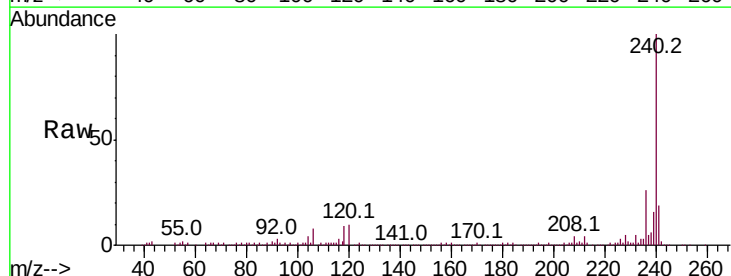
RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

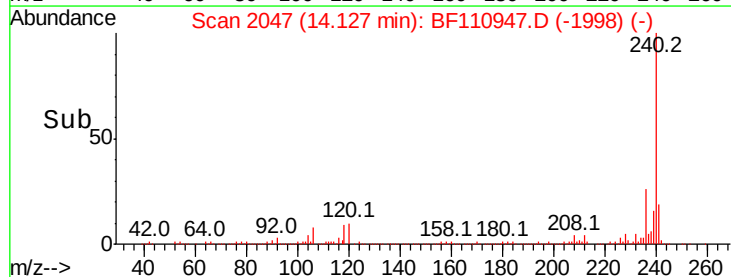
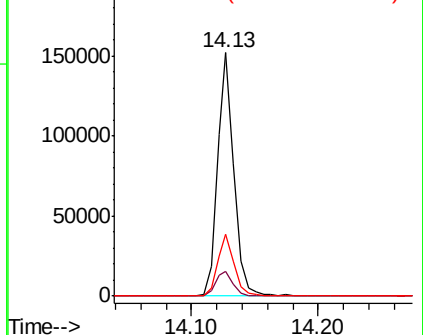
Lab File: BF110947.D

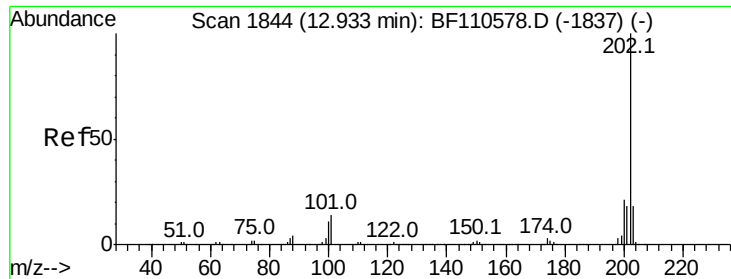
Acq: 23 Nov 2018 16:40

Tgt Ion:	240	Resp:	138117
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.3	12.5
236	25.5	21.2	31.8



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





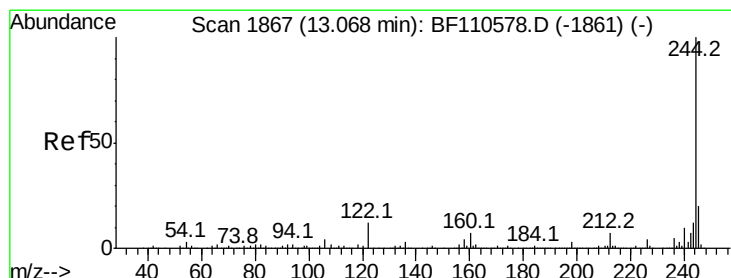
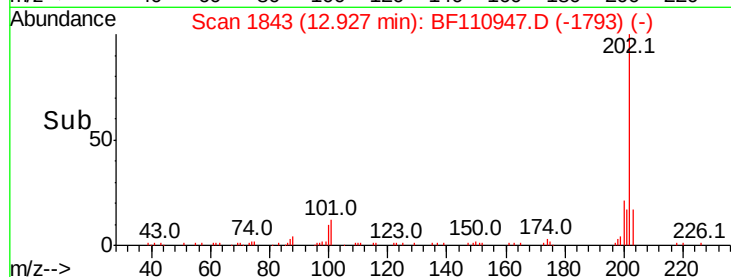
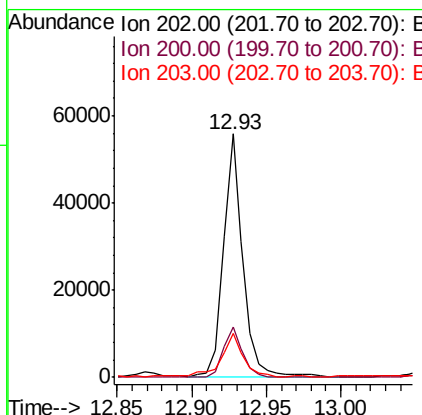
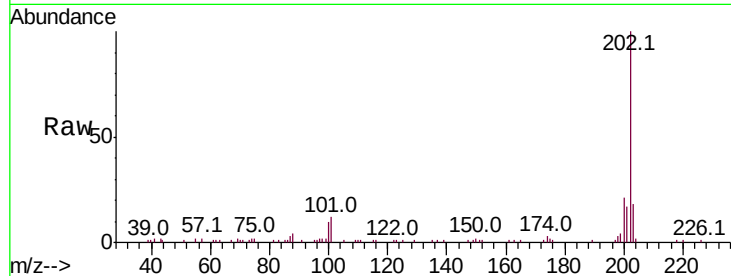
#78
Pvrene
Concen: 4.847 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.2	14.2	21.4

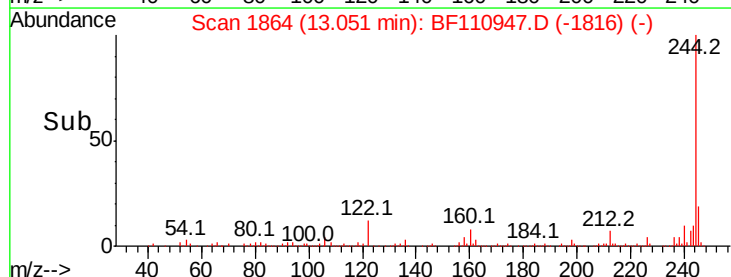
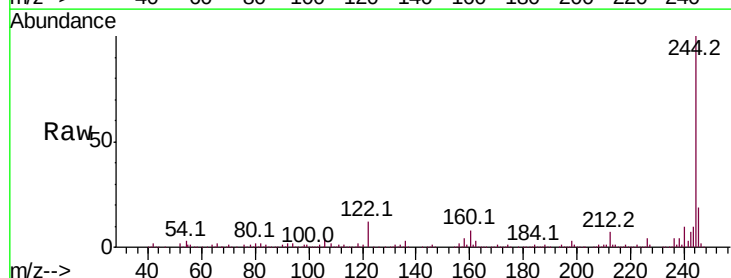
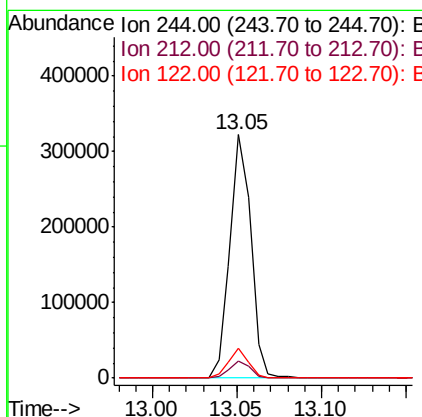
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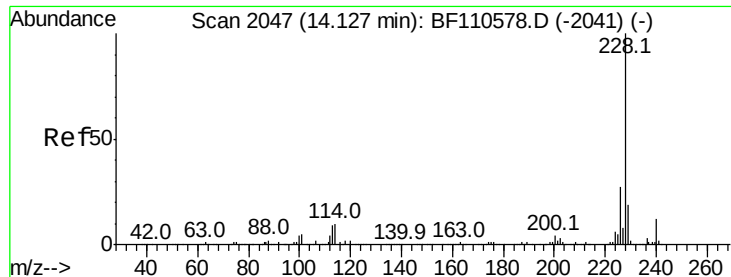
MOHAMMAD
11/26/2018 3:12:04 PM



#79
Terphenyl-d14
Concen: 38.048 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	8.7	13.1





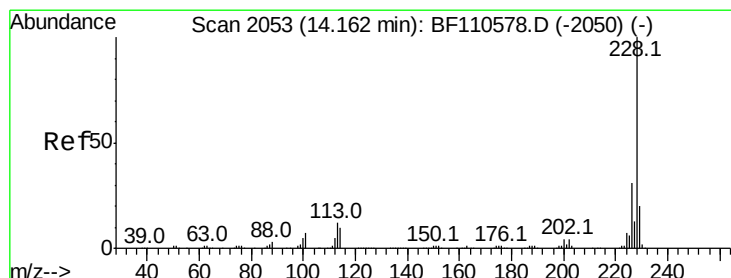
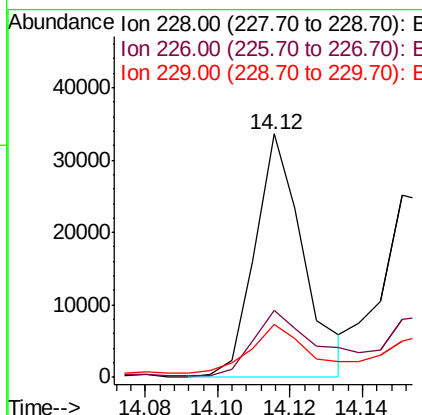
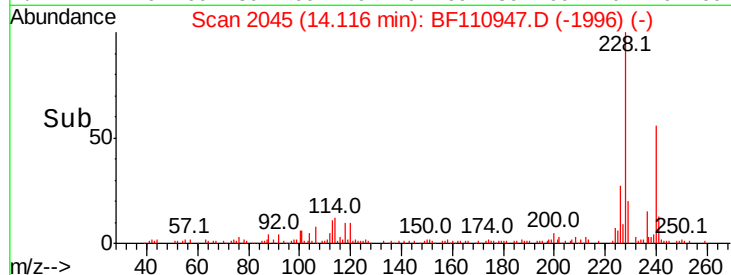
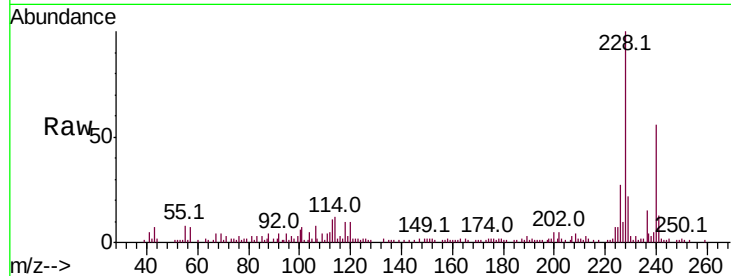
#81
Benzo(a)anthracene
Concen: 3.821 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	21.7	15.6	23.4

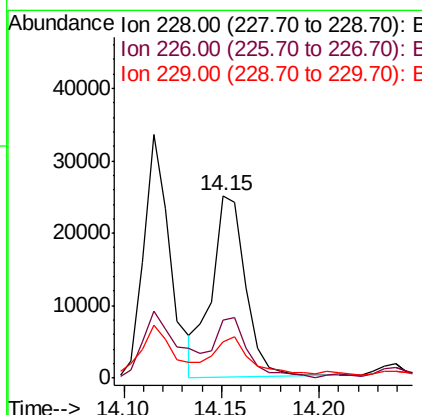
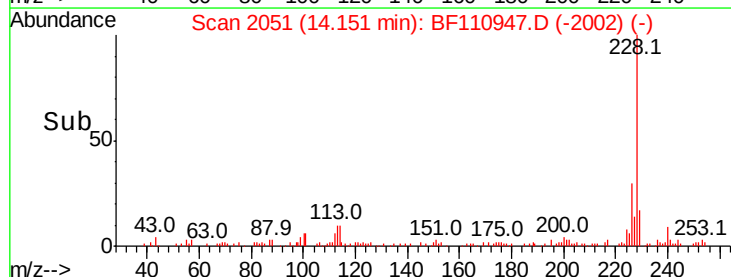
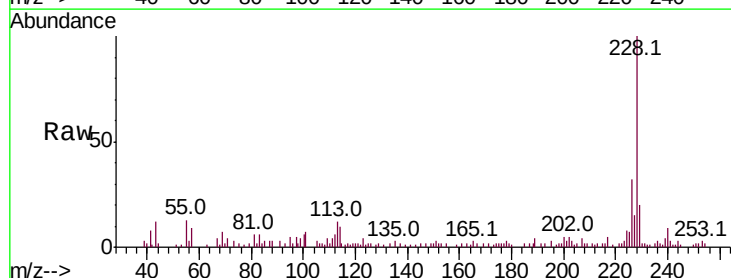
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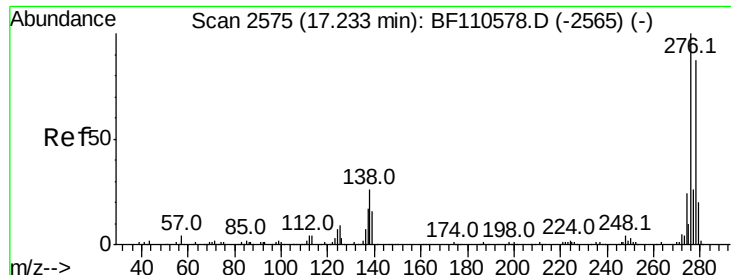
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#83
Chrysene
Concen: 3.832 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	19.8	15.9	23.9





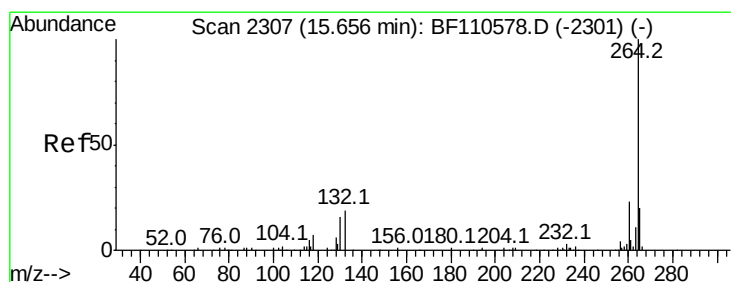
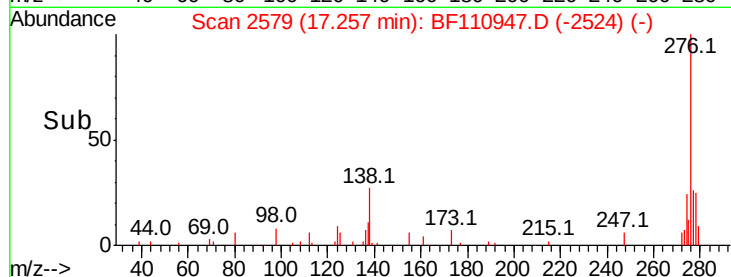
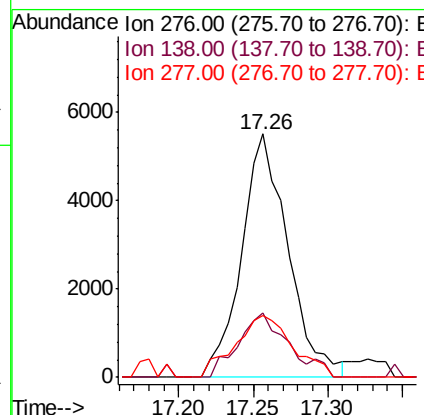
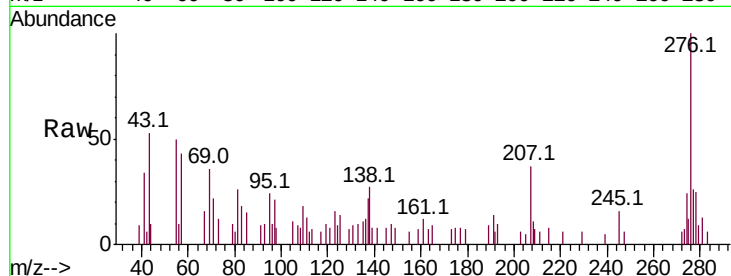
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.116 ng
 RT: 17.26 min Scan# 2579
 Delta R.T. 0.02 min
 Lab File: BF110947.D
 Acq: 23 Nov 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1115-S-AB-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	18.5	27.7#
277	31.3	20.0	30.0#

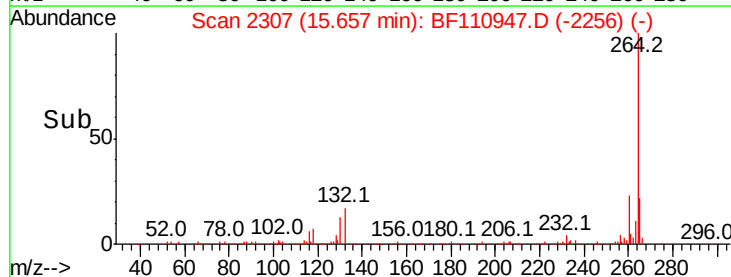
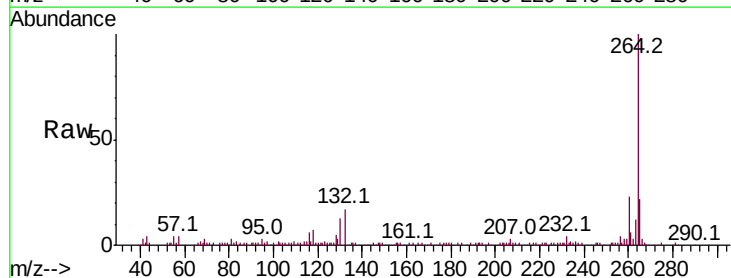
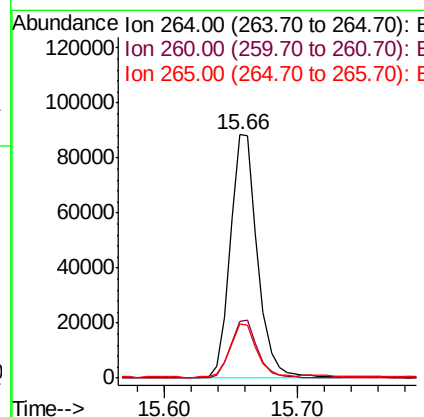
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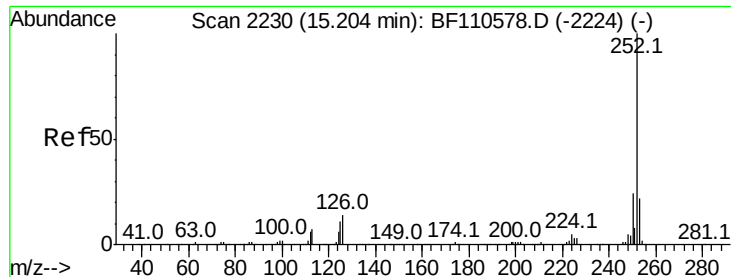
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 11/26/2018 3:12:04 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110947.D
 Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.3	16.7	25.1





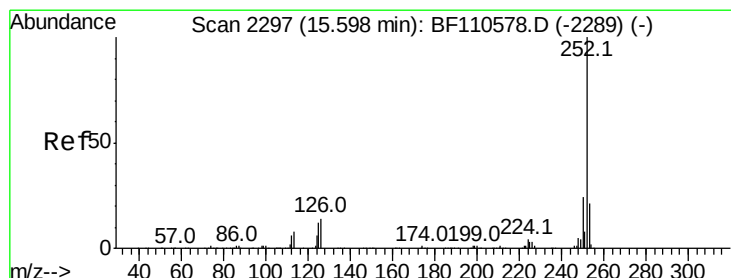
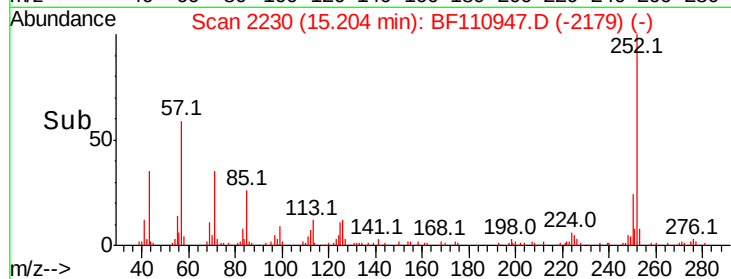
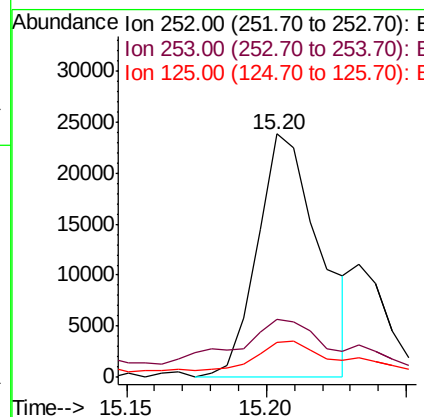
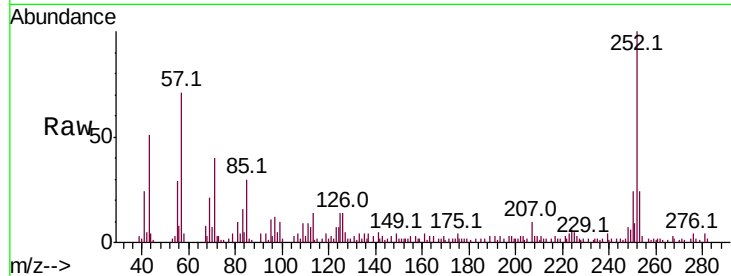
#88
Benzo(b)fluoranthene
Concen: 4.837 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Instrument :
BNA_F
ClientSampleId :
SSSI-1115-S-AB-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	14.2	8.2	12.4

Manual Integrations
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11/26/2018 3:12:04 PM



#90
Benzo(a)pyrene
Concen: 3.784 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110947.D
Acq: 23 Nov 2018 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	17.2	9.0	13.6

