

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110332.D
 Acq On : 31 Oct 2018 14:59
 Operator : JU/SJ
 Sample : J5202-09 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-103018-B

Manual Integrations
 APPROVED

Sohil
 11/1/2018 10:45:58 AM

Quant Time: Oct 31 16:58:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	67665	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	239827	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	97840	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	190974	20.00	ng	0.00
76) Chrysene-d12	14.17	240	185666	20.00	ng	0.00
87) Perylene-d12	15.71	264	122068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	192618	46.36	ng	0.00
7) Phenol-d6	6.59	99	227455	42.80	ng	-0.01
23) Nitrobenzene-d5	7.53	82	130698	32.32	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	45518	46.97	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	227212	36.47	ng	0.00
79) Terphenyl-d14	13.10	244	258581	28.96	ng	0.00
Target Compounds						
10) Phenol	6.60	94	14274	2.513	ng	Qvalue # 74
50) Dimethylphthalate	9.72	163	26545	3.675	ng	99
71) Phenanthrene	11.53	178	49391	4.943	ng	99
72) Anthracene	11.59	178	22186	2.215	ng	97
75) Fluoranthene	12.73	202	151741	14.963	ng	98
78) Pyrene	12.96	202	142412	10.699	ng	96
81) Benzo(a)anthracene	14.16	228	80062	7.272	ng	97
83) Chrysene	14.19	228	70057	6.699	ng	97
86) Indeno(1,2,3-cd)pyrene	17.29	276	19911	2.295	ng	95
88) Benzo(b)fluoranthene	15.24	252	63928m	9.069	ng	
89) Benzo(k)fluoranthene	15.27	252	19084m	2.754	ng	
90) Benzo(a)pyrene	15.64	252	39743	6.127	ng	# 91
92) Benzo(a,h,i)perylene	17.79	276	18861	3.420	ng	# 82

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

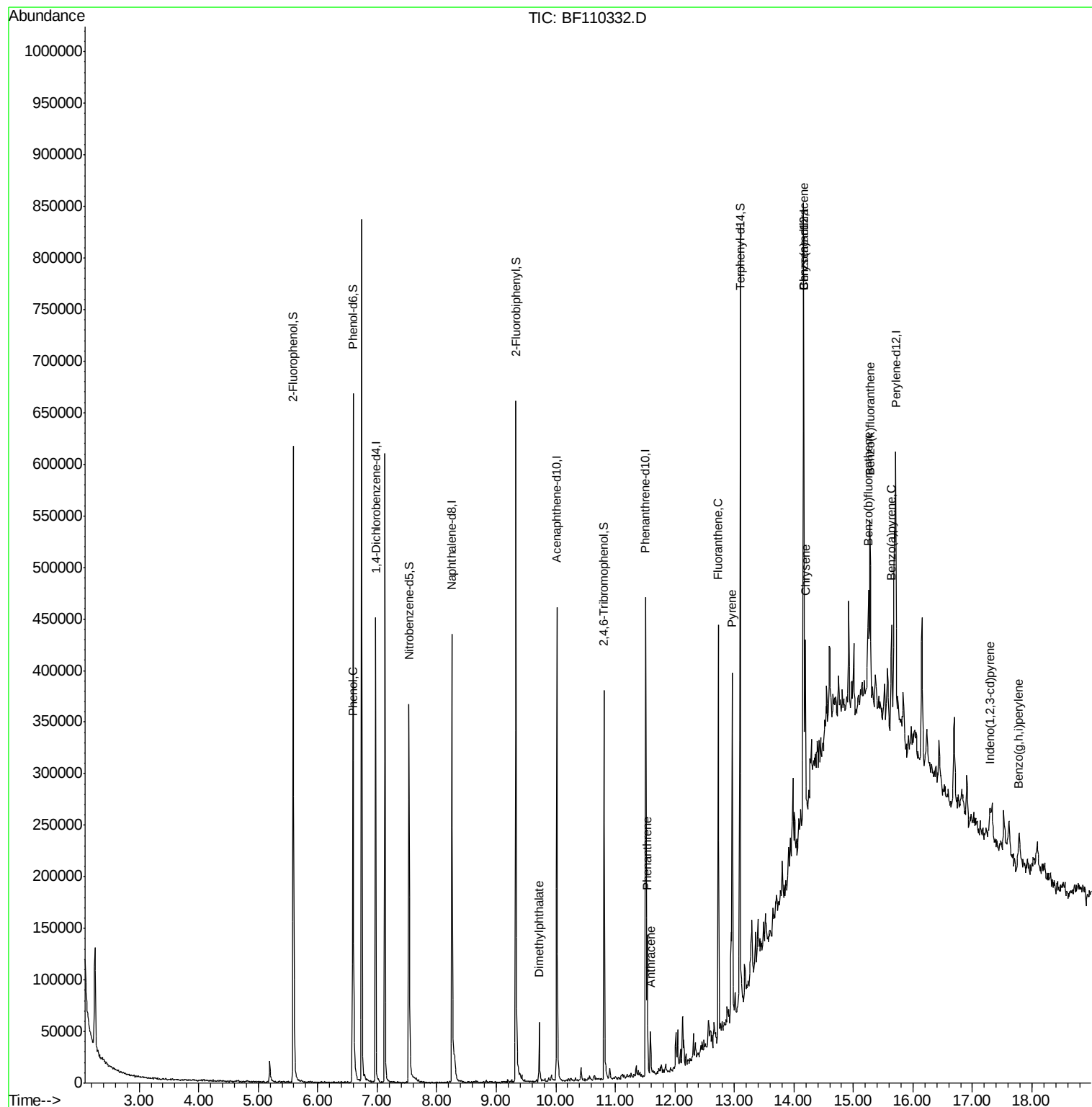
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110332.D
Acq On : 31 Oct 2018 14:59
Operator : JU/SJ
Sample : J5202-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

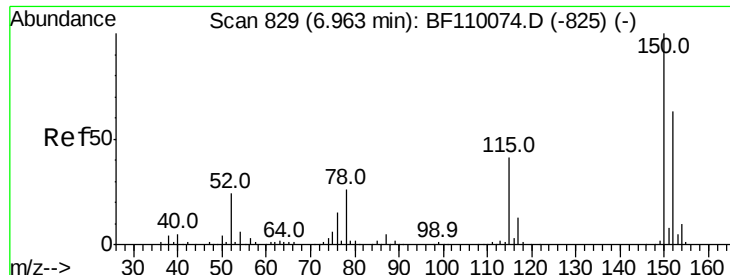
Instrument :
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PL-02-103018-B

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#1

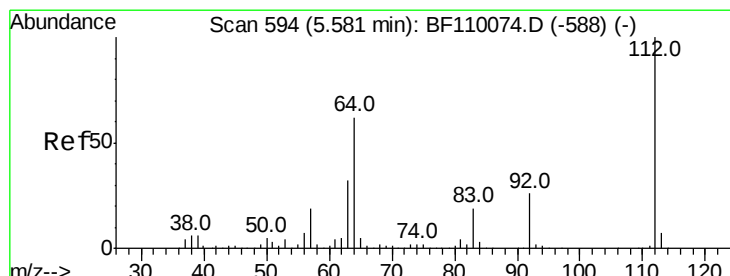
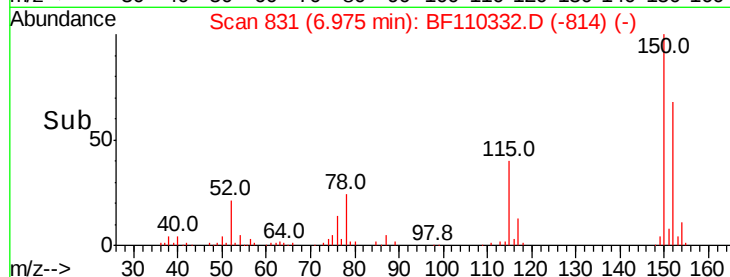
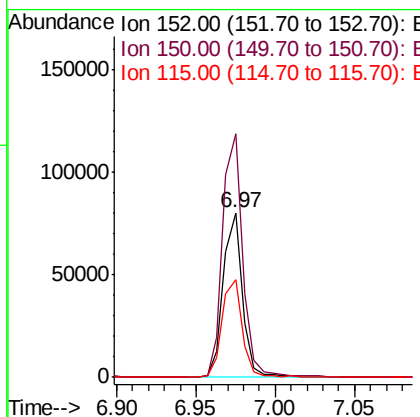
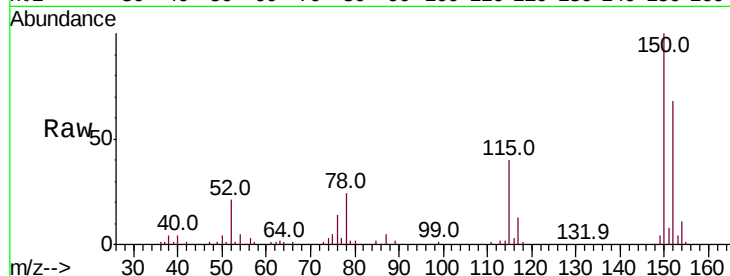
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	122.7	184.1
115	59.0	49.1	73.7

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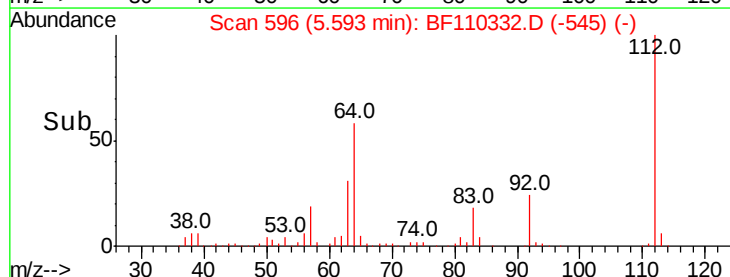
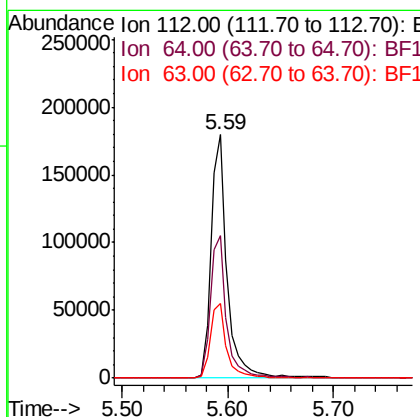
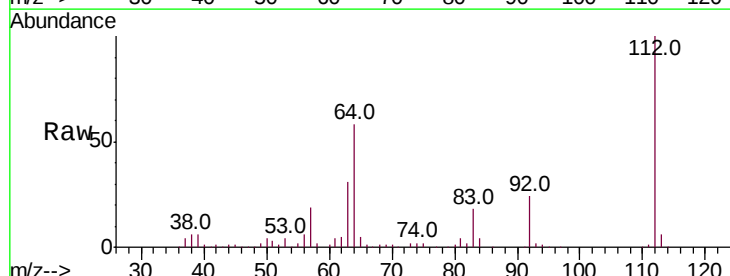
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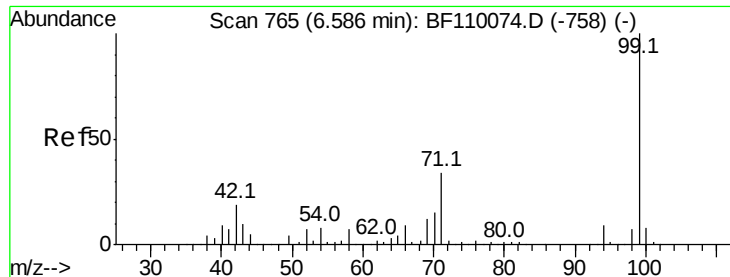


#5

2-Fluorophenol
Concen: 46.356 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 42.797 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110332.D

Acq: 31 Oct 2018 14:59

Instrument :

BNA_F

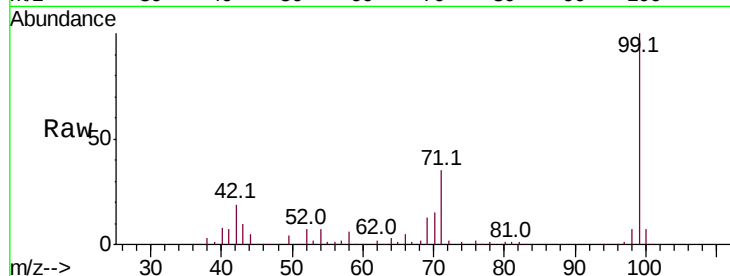
ClientSampleId :

PL-02-103018-B

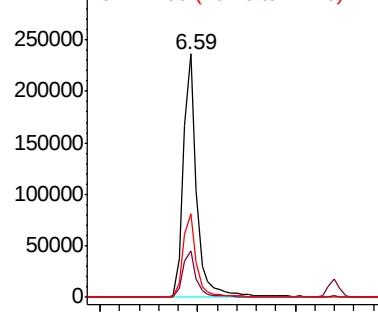
Tot Ion:	99	Resp:	227455
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	34.6	28.0	42.0

Manual Integrations
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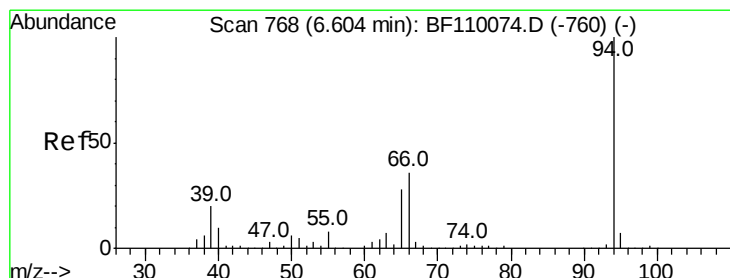
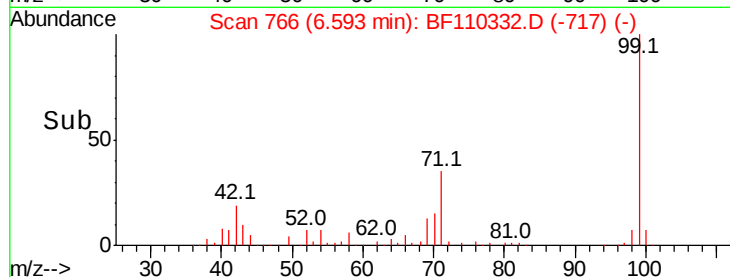
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time--> 6.50 6.60 6.70



#10

Phenol

Concen: 2.513 ng

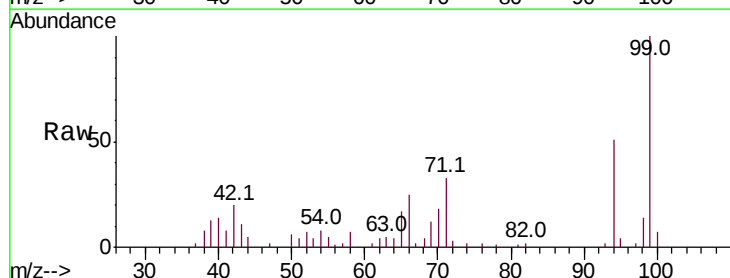
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

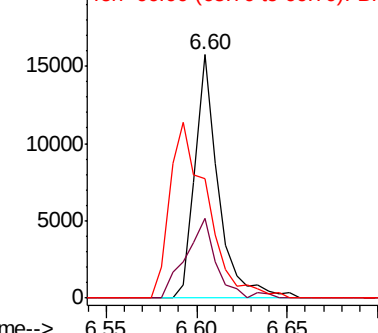
Lab File: BF110332.D

Acq: 31 Oct 2018 14:59

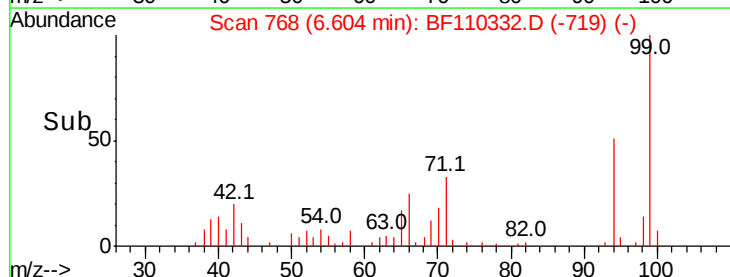
Tgt Ion:	94	Resp:	14274
Ion	Ratio	Lower	Upper
94	100		
65	32.9	25.3	65.3
66	49.2	54.5	94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time--> 6.55 6.60 6.65





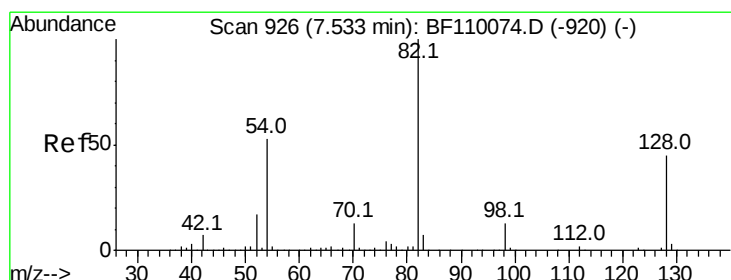
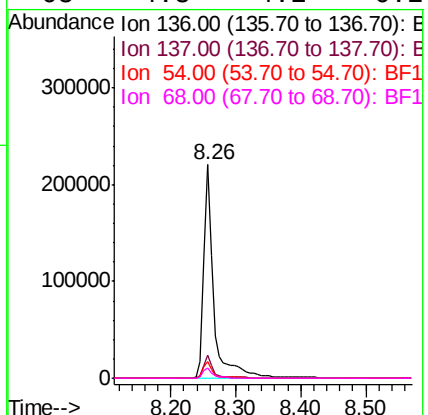
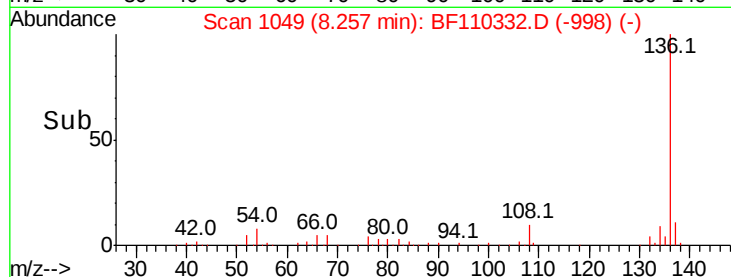
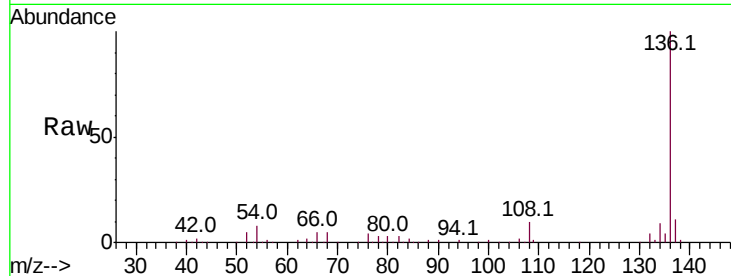
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	7.8	5.4	8.2	
68	4.8	4.2	6.2	

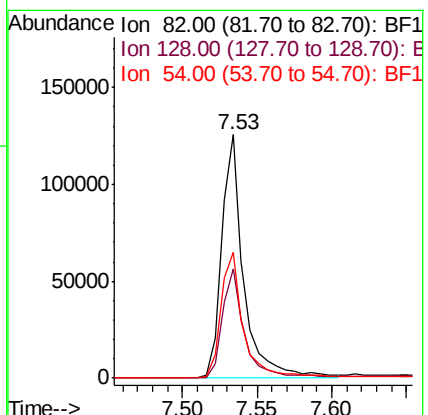
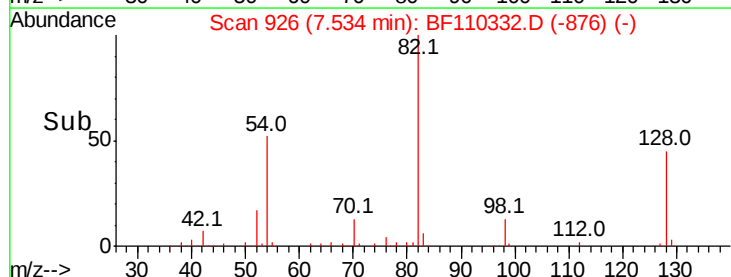
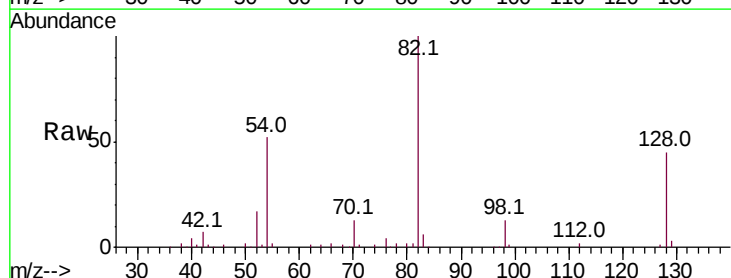
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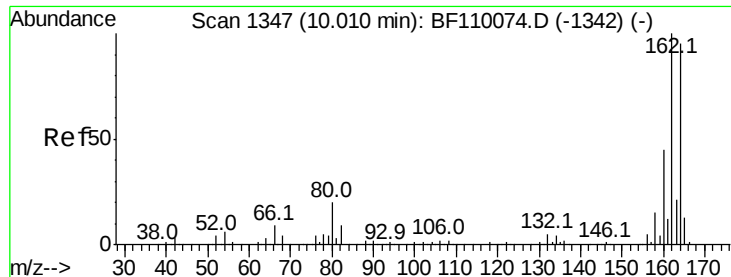
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#23
Nitrobenzene-d5
Concen: 32.324 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	34.2	51.2	
54	51.5	38.6	58.0	





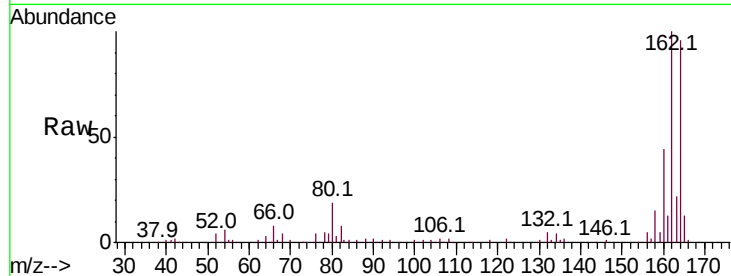
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	45.8	37.0	55.6

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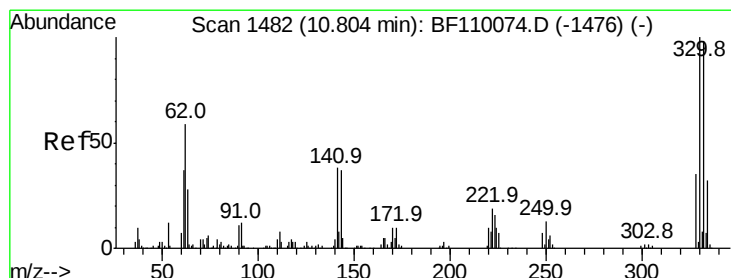
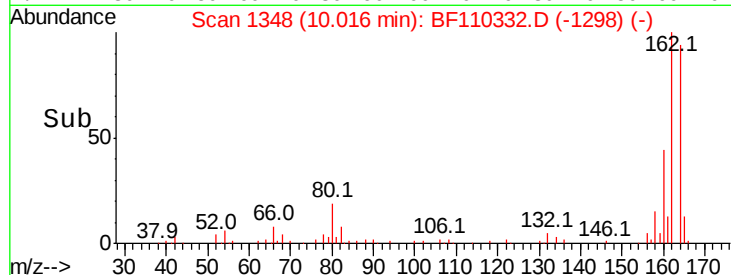
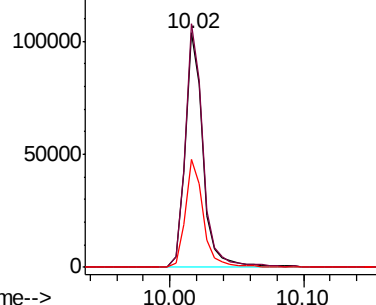


Abundance

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: 46.966 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

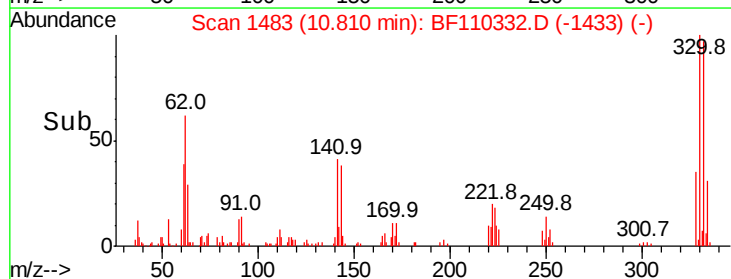
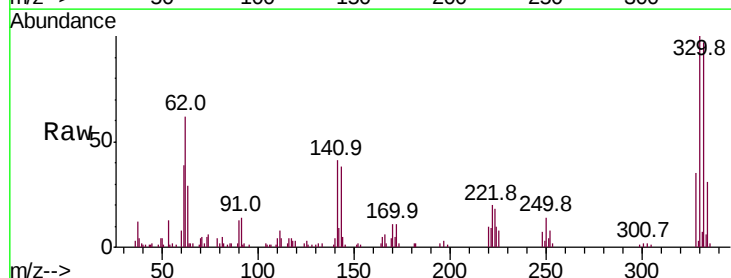
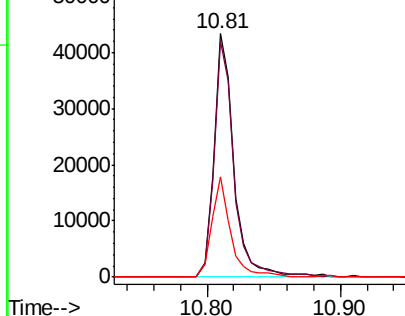
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	38.9	27.0	40.4

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





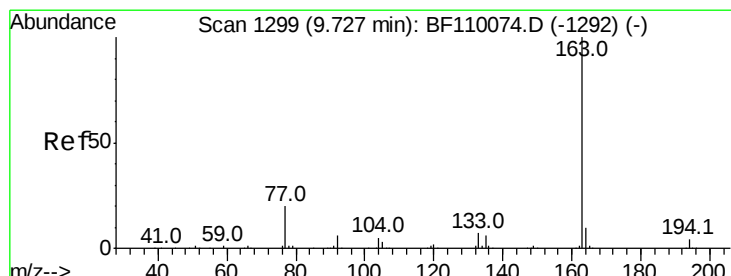
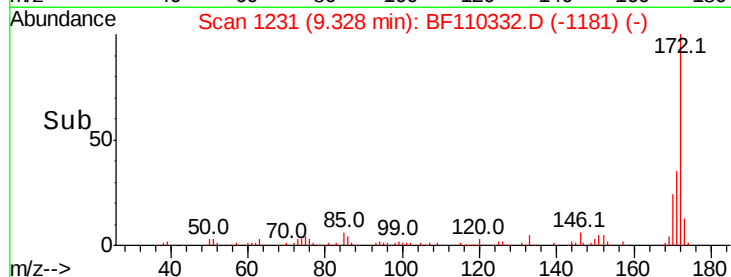
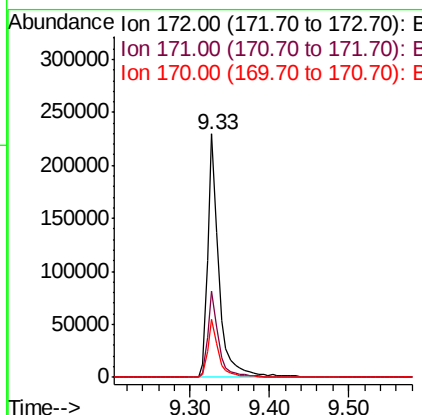
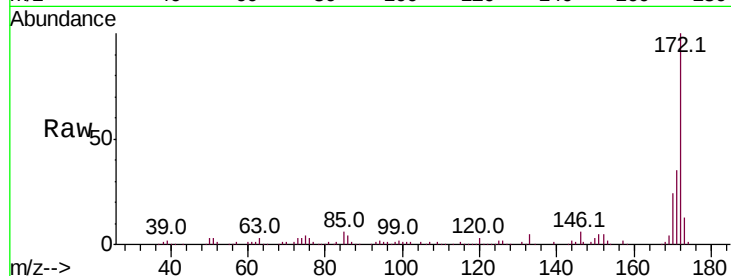
#45
2-Fluorobiphenyl
Concen: 36.466 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	227212		
171	35.2		28.6	43.0
170	23.8		19.7	29.5

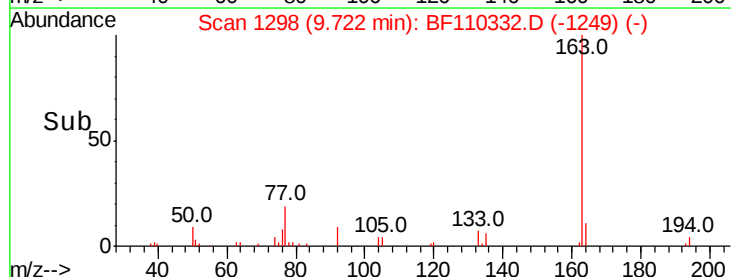
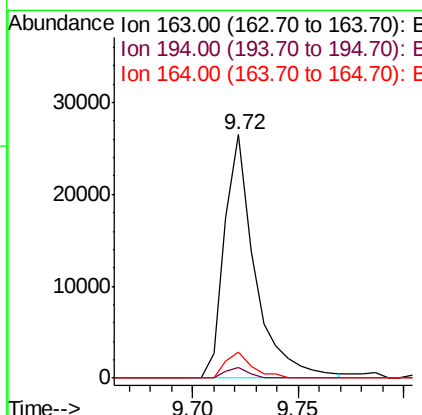
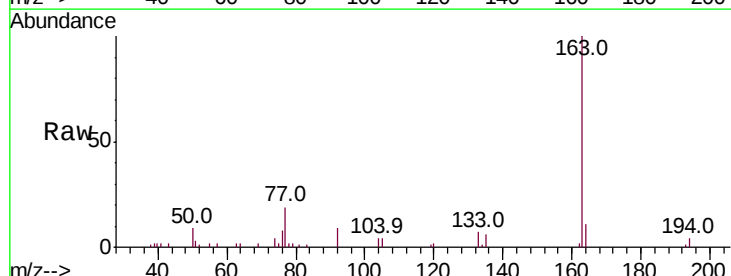
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#50
Dimethylphthalate
Concen: 3.675 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	26545		
194	4.2		3.2	4.8
164	10.5		8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110332.D

Acq: 31 Oct 2018 14:59

Instrument :

BNA_F

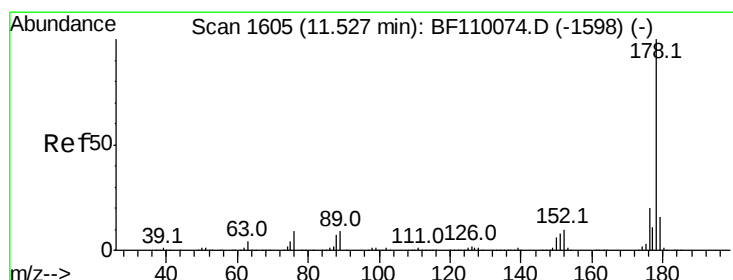
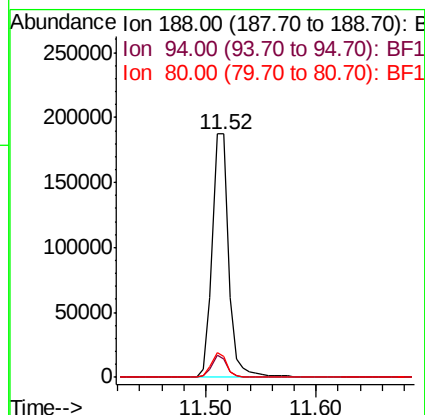
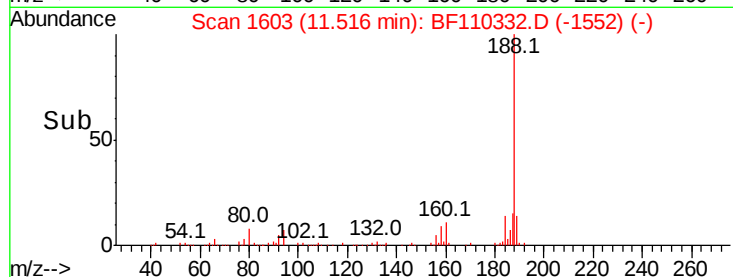
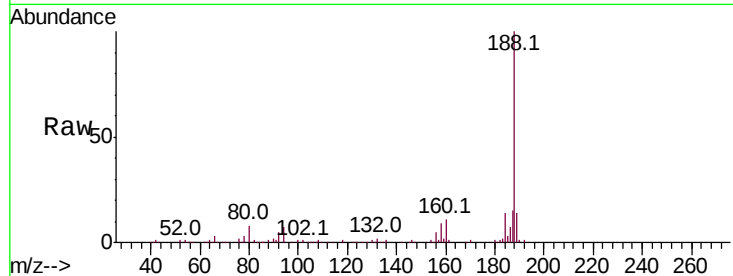
ClientSampleId :

PL-02-103018-B

Tot Ion:	188	Resp:	190974
Ion Ratio	Lower	Upper	
188	100		
94	7.4	7.2	10.8
80	8.4	7.9	11.9

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#71

Phenanthrene

Concen: 4.943 ng

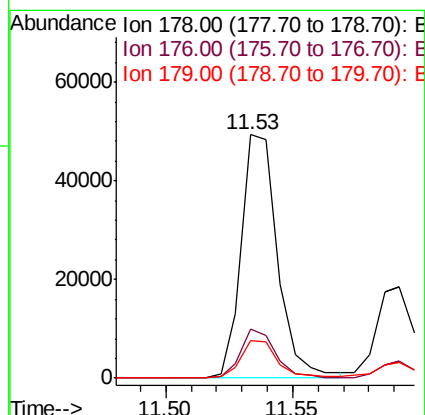
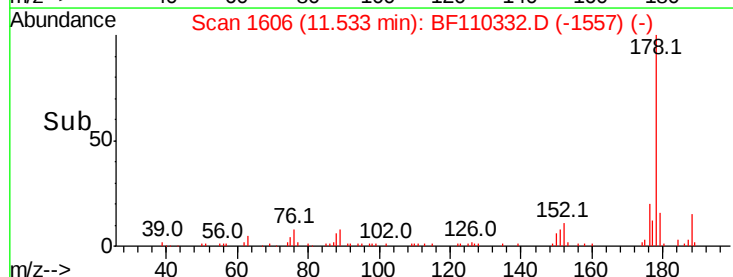
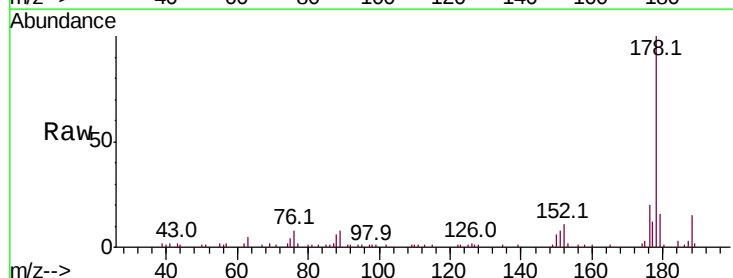
RT: 11.53 min Scan# 1606

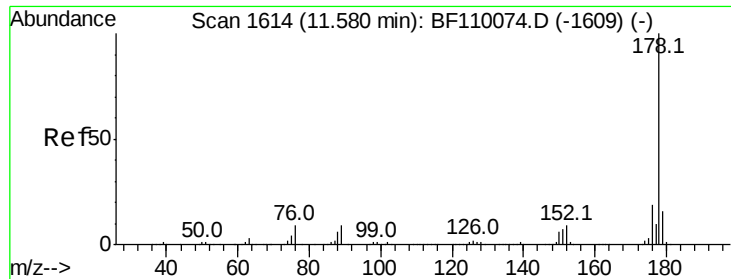
Delta R.T. -0.01 min

Lab File: BF110332.D

Acq: 31 Oct 2018 14:59

Tgt Ion:	178	Resp:	49391
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.5	23.3
179	15.5	12.5	18.7





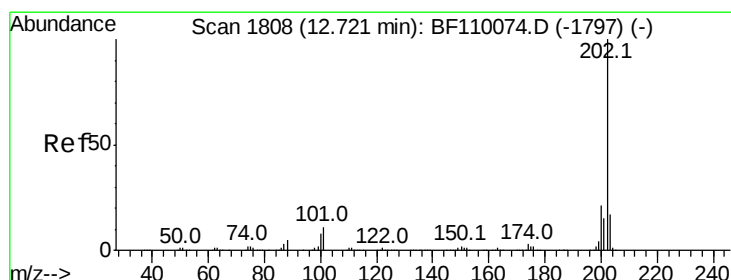
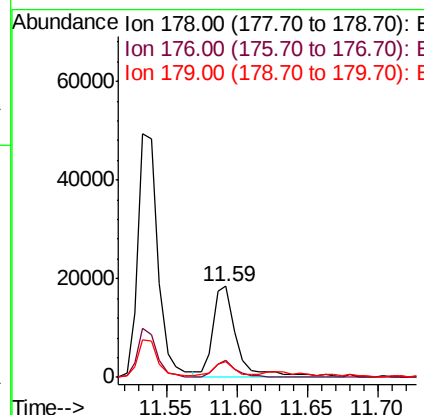
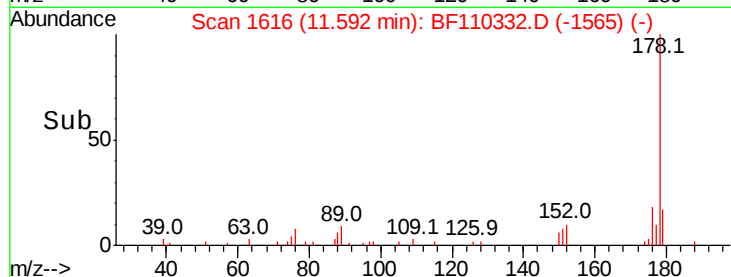
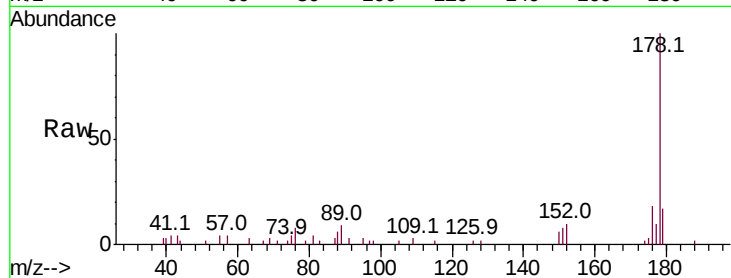
#72
 Anthracene
 Concen: 2.215 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF110332.D
 Acq: 31 Oct 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-103018-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	16.8	12.6	18.8

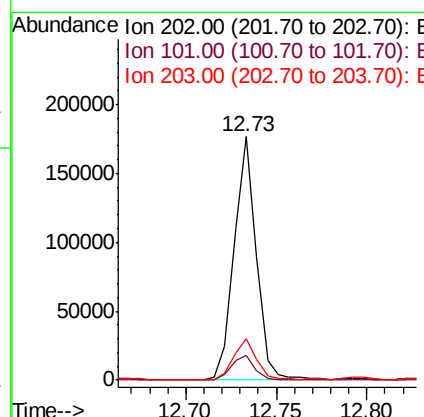
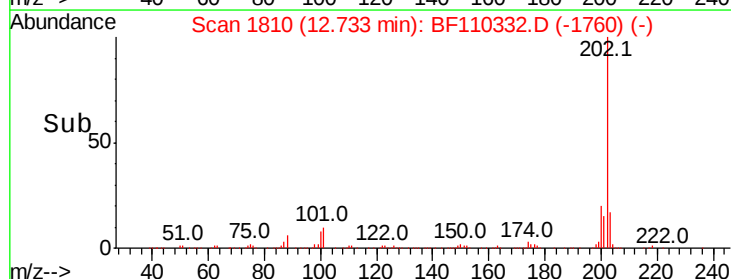
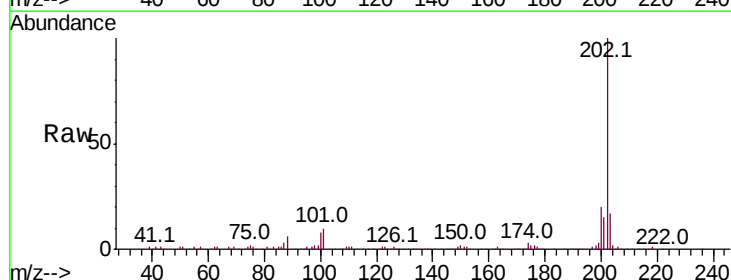
Manual Integrations
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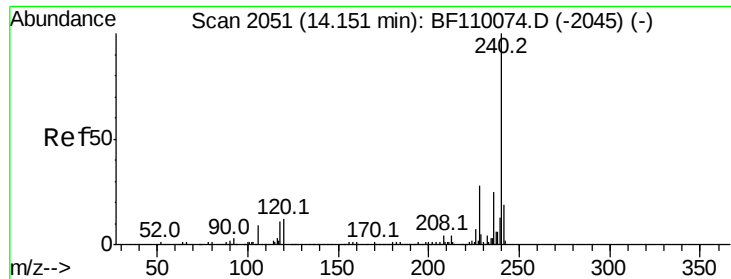
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#75
 Fluoranthene
 Concen: 14.963 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF110332.D
 Acq: 31 Oct 2018 14:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.0	0.0	37.7





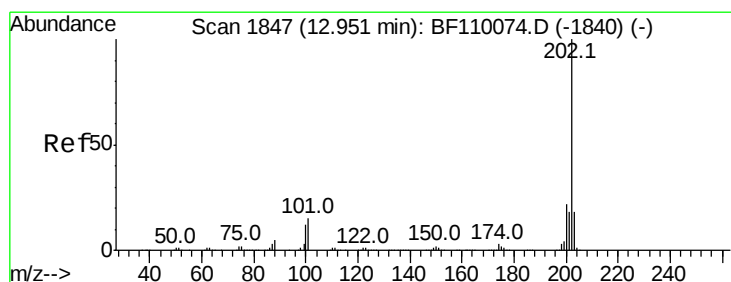
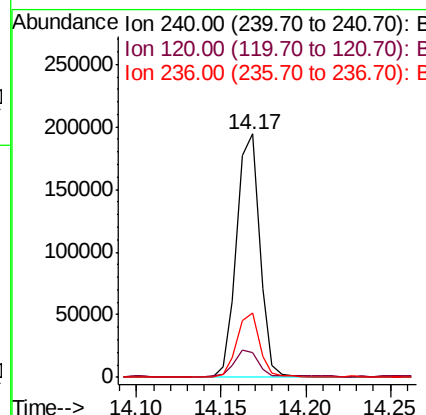
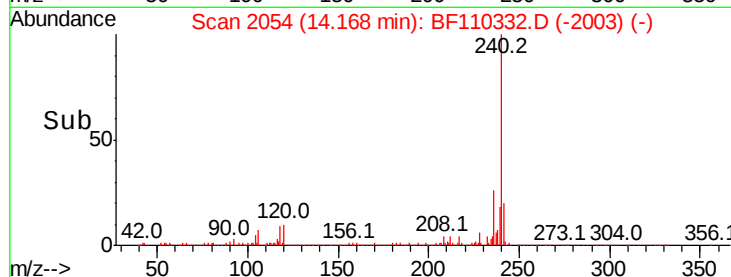
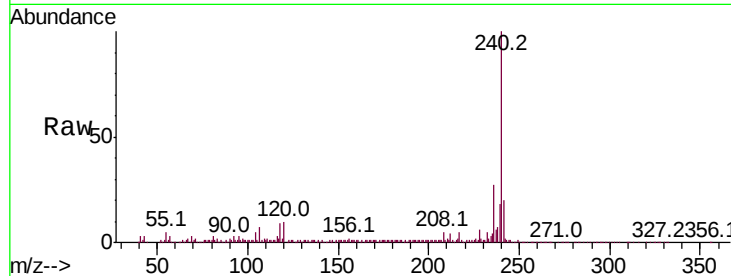
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	26.5	21.2	31.8

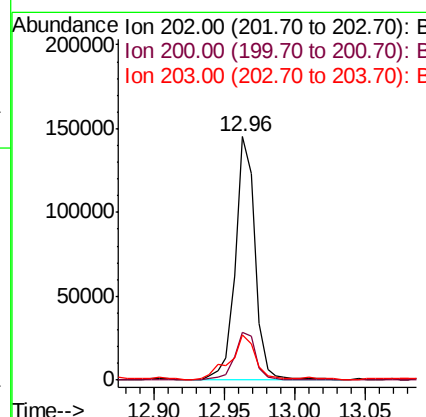
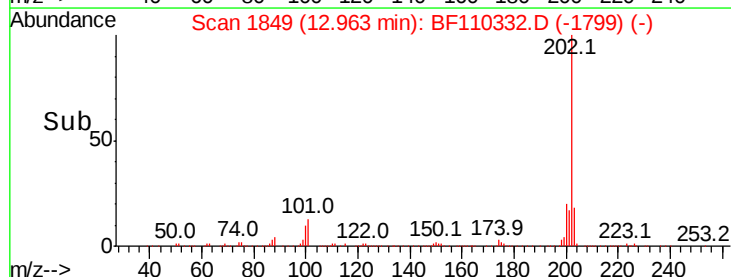
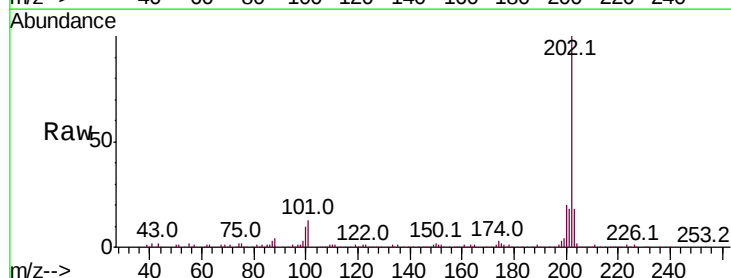
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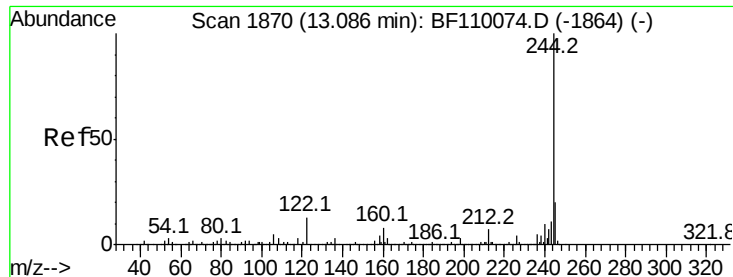
Sohil
11/1/2018 10:45:58 AM



#78
Pyrene
Concen: 10.699 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.8	26.6
203	18.4	14.2	21.4





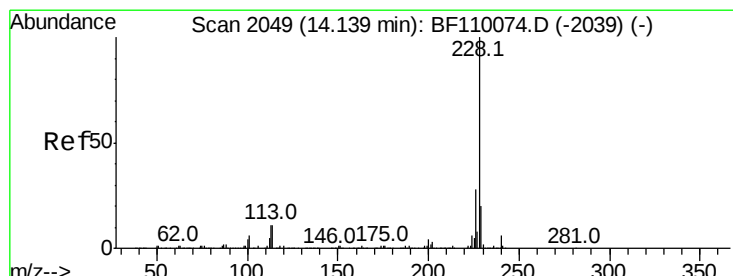
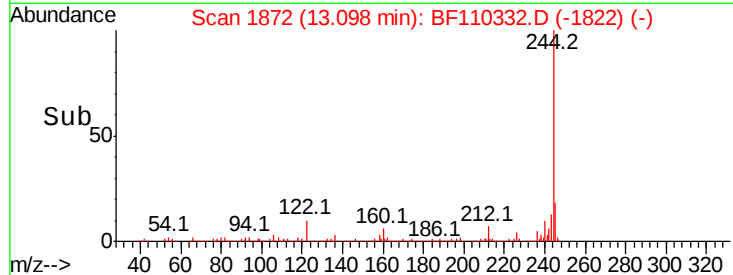
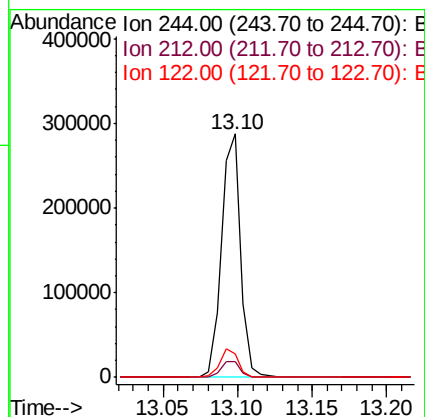
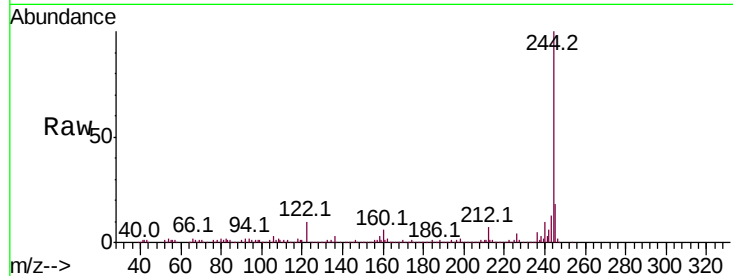
#79
 Terphenyl-d14
 Concen: 28.965 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF110332.D
 Acq: 31 Oct 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-103018-B

Tot Ion:	244	Resp:	258581
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	9.6	8.7	13.1

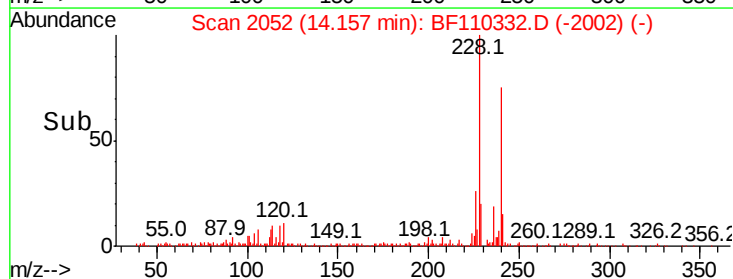
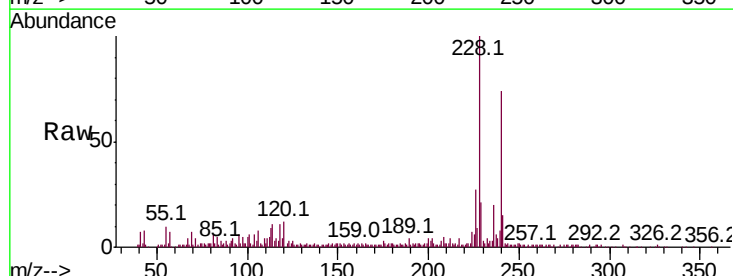
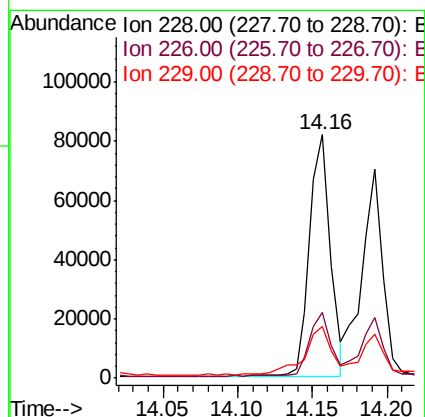
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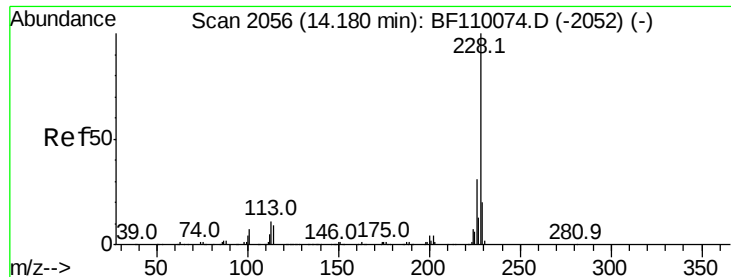
Sohil
 11/1/2018 10:45:58 AM



#81
 Benzo(a)anthracene
 Concen: 7.272 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110332.D
 Acq: 31 Oct 2018 14:59

Tgt Ion:	228	Resp:	80062
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.1	33.1
229	21.4	15.6	23.4





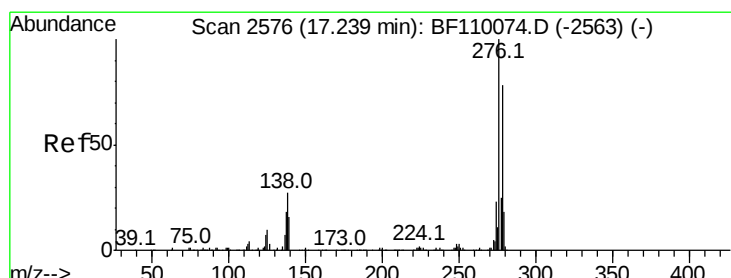
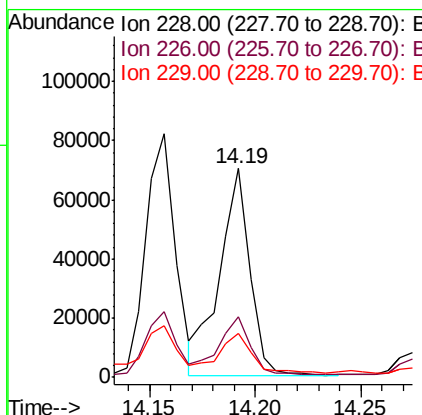
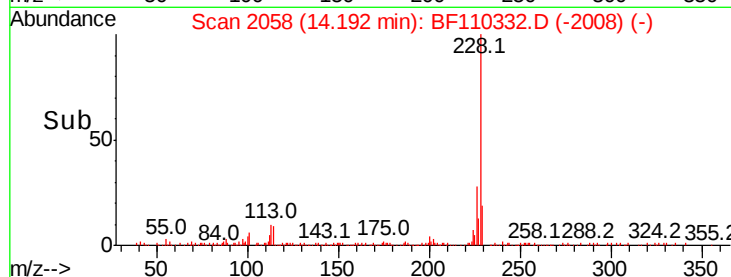
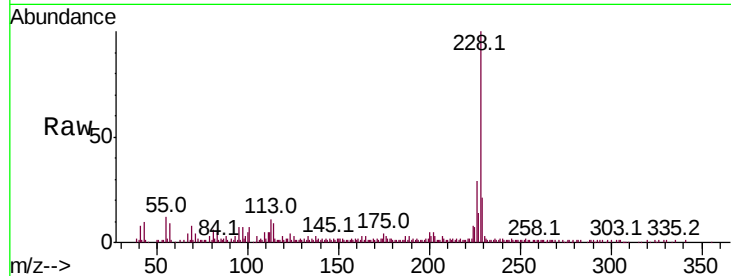
#83
Chrysene
Concen: 6.699 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-B

Tot Ion:	228	Resp:	70057
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.7	37.1
229	21.1	15.9	23.9

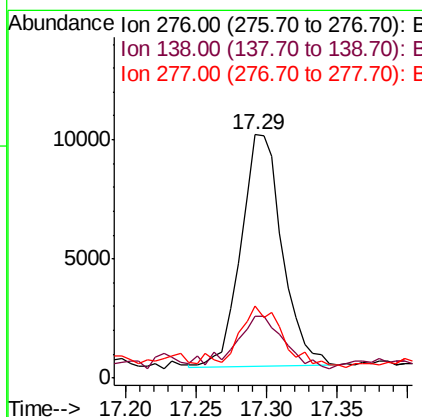
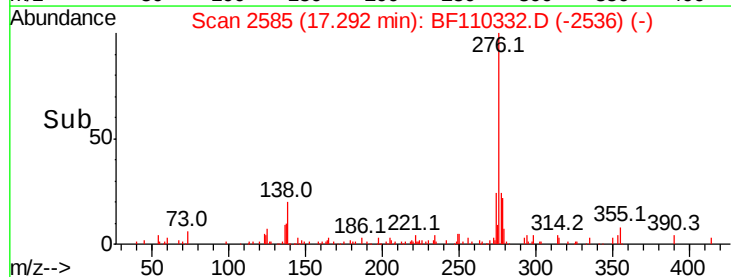
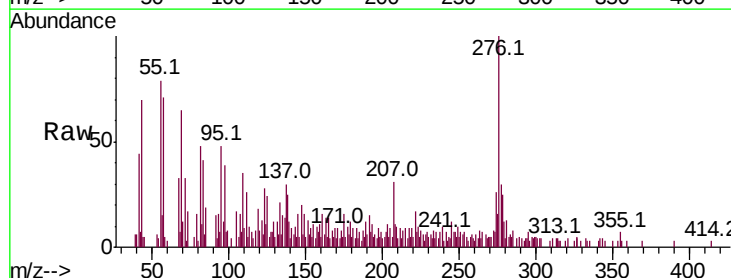
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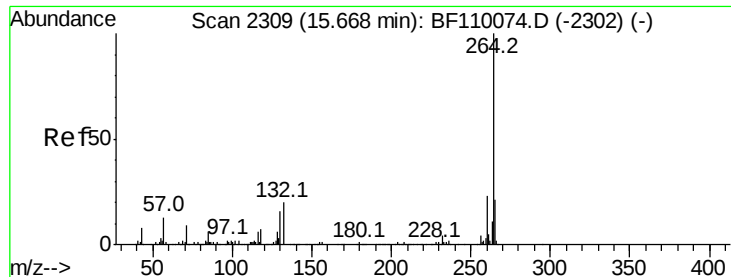
Sohil
11/1/2018 10:45:58 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.295 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Tgt Ion:	276	Resp:	19911
Ion Ratio	Lower	Upper	
276	100		
138	26.7	18.5	27.7
277	26.8	20.0	30.0





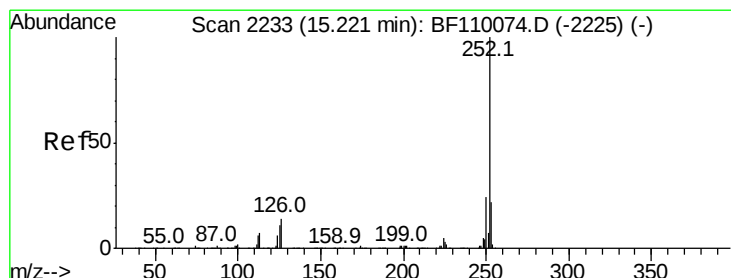
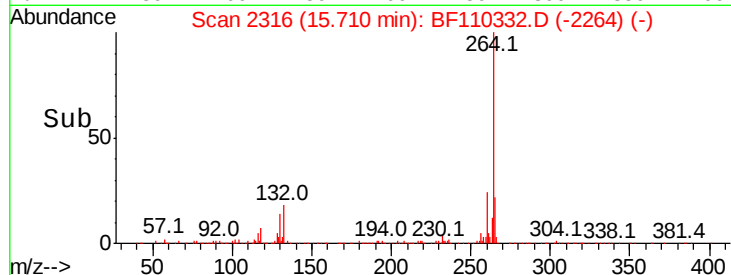
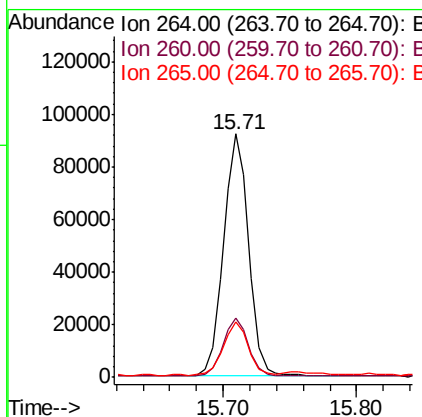
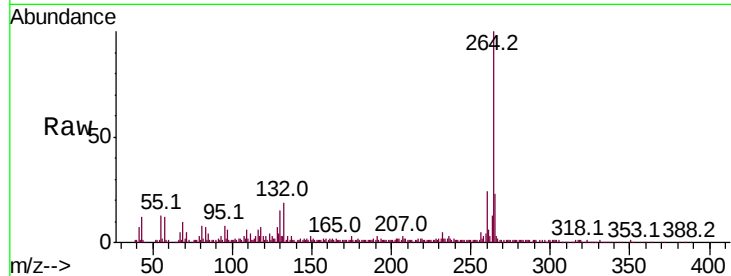
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.9	16.7	25.1

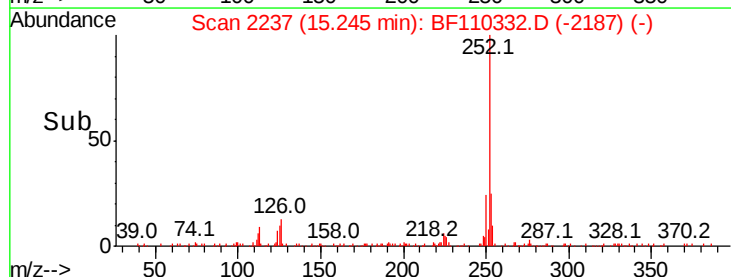
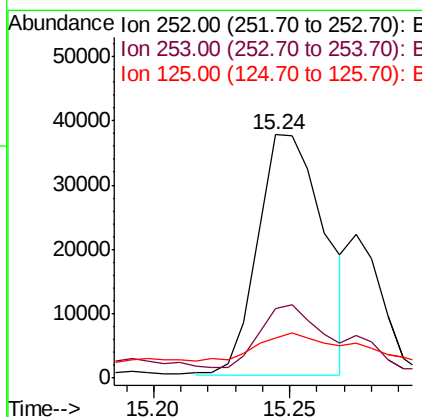
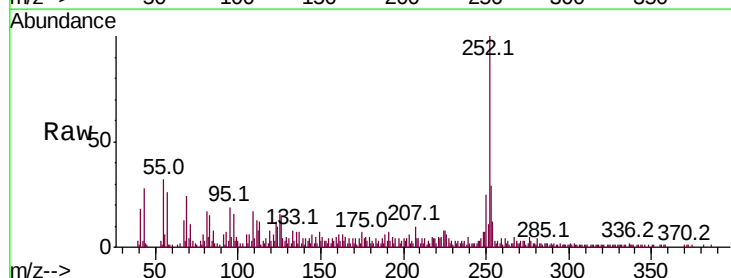
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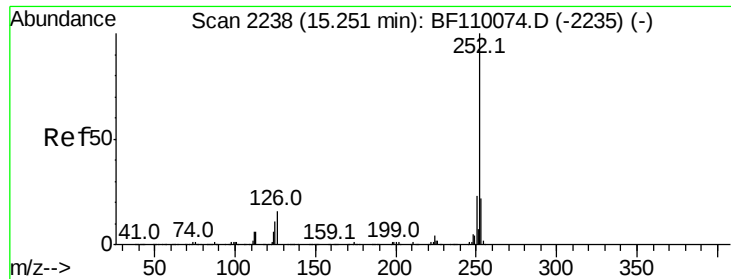
Sohil
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#88
Benzo(b)fluoranthene
Concen: 9.069 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.2	25.8#
125	16.4	8.2	12.4#





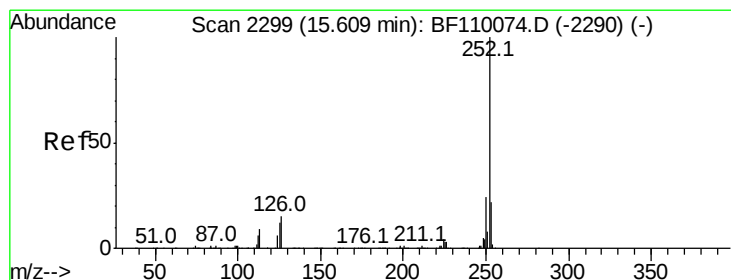
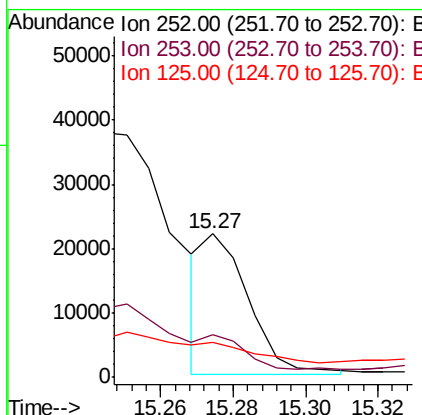
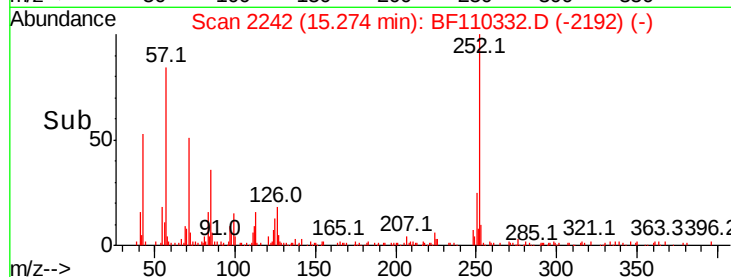
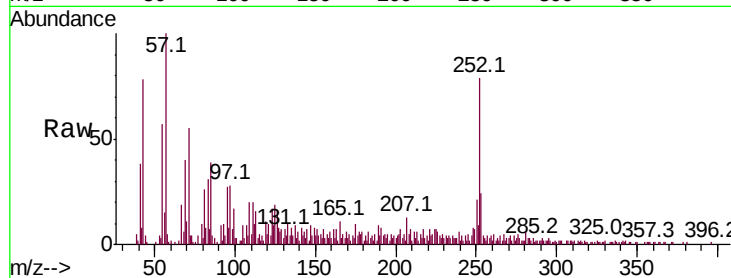
#89
Benzo(k)fluoranthene
Concen: 2.754 ng m
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.2	25.8#
125	24.0	7.4	11.0#

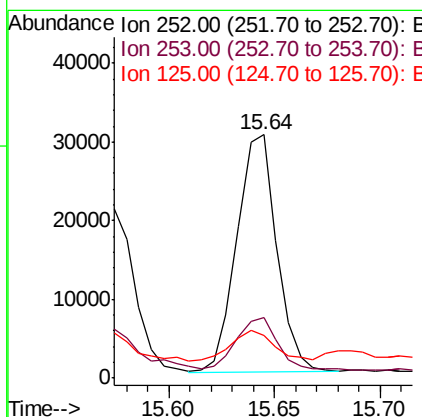
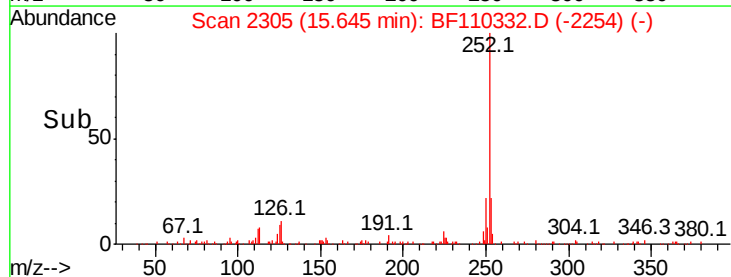
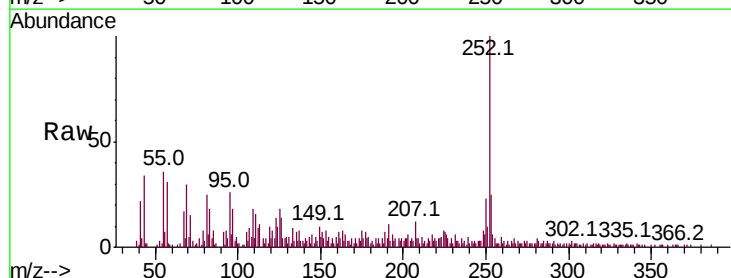
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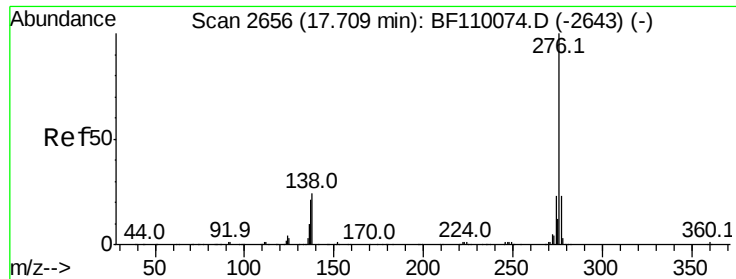
Sohil
11/1/2018 10:45:58 AM



#90
Benzo(a)pyrene
Concen: 6.127 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF110332.D
Acq: 31 Oct 2018 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	17.7	9.0	13.6#





#92
 Benzo(a,h,i)perylene
 Concen: 3.420 ng
 RT: 17.79 min Scan# 2669
 Delta R.T. -0.01 min
 Lab File: BF110332.D
 Acq: 31 Oct 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-103018-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.7	18.8	28.2#
138	30.0	16.0	24.0#

Manual Integrations
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Sohil
 11/1/2018 10:45:58 AM

