

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110731.D
 Acq On : 13 Nov 2018 20:49
 Operator : JU/SJ
 Sample : J5908-07 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-3-S

Manual Integrations
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 11/14/2018 1:52:25 PM

Quant Time: Nov 14 05:58:58 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	6.95	152	95185	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	385555	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	155096	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	226156	20.00	ng	0.00
76) Chrysene-d12	14.13	240	190127	20.00	ng	-0.01
87) Perylene-d12	15.66	264	147037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	334022	57.00	ng	0.00
7) Phenol-d6	6.56	99	415059	55.39	ng	-0.01
23) Nitrobenzene-d5	7.50	82	258867	38.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	68506	43.84	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	448510	41.30	ng	0.00
79) Terphenyl-d14	13.06	244	291822	28.74	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	680	Below Cal		Qvalue # 1
10) Phenol	6.58	94	19565	2.252 ng		# 72
50) Dimethylphthalate	9.69	163	47085	4.069 ng		98
71) Phenanthrene	11.50	178	36247	2.992 ng		97
75) Fluoranthene	12.70	202	117051	9.636 ng		98
78) Pyrene	12.93	202	105107	7.180 ng		98
81) Benzo(a)anthracene	14.12	228	71819	6.320 ng		99
83) Chrysene	14.16	228	64275	5.937 ng		97
86) Indeno(1,2,3-cd)pyrene	17.22	276	32109	4.133 ng		98
88) Benzo(b)fluoranthene	15.20	252	96278m	10.945 ng		
89) Benzo(k)fluoranthene	15.23	252	26161m	3.010 ng		
90) Benzo(a)pyrene	15.59	252	57403	7.183 ng		98
92) Benzo(a,h,i)perylene	17.70	276	28998	4.321 ng		99

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

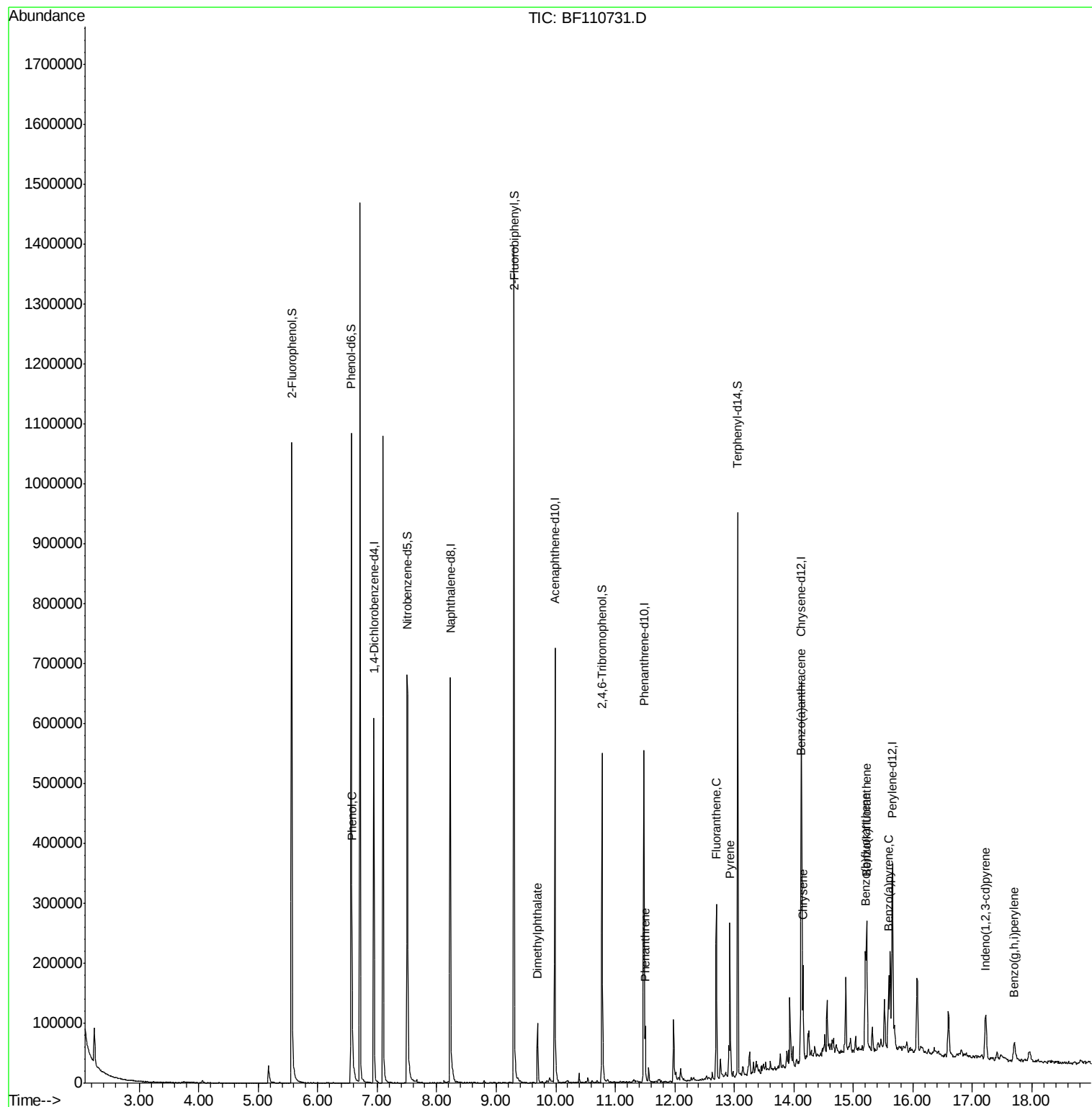
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110731.D
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Sample : J5908-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

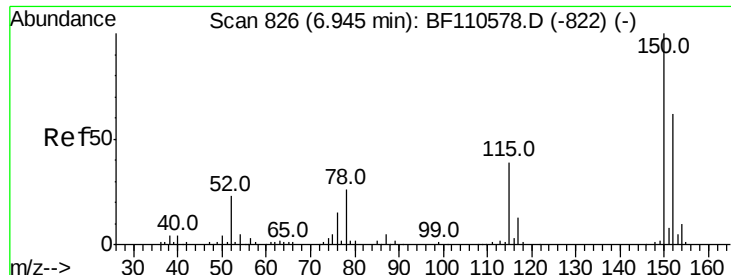
Instrument :
BNA_F
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#1

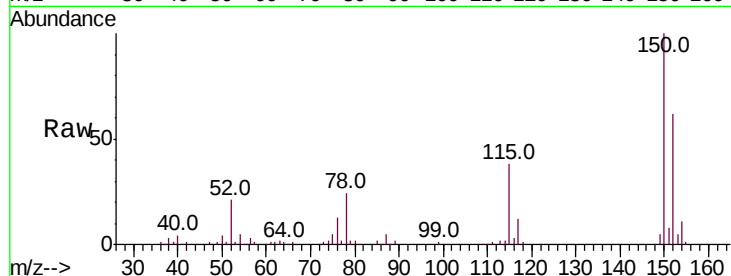
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampled :
SR-3-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	122.7	184.1
115	61.5	49.1	73.7

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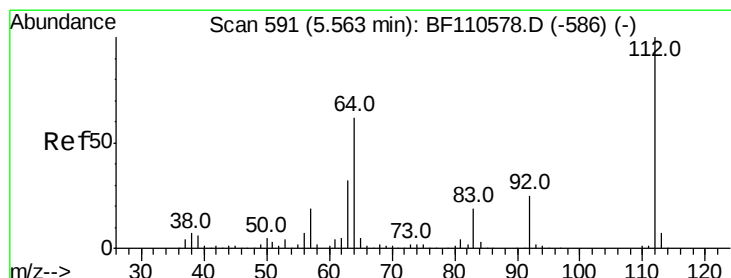
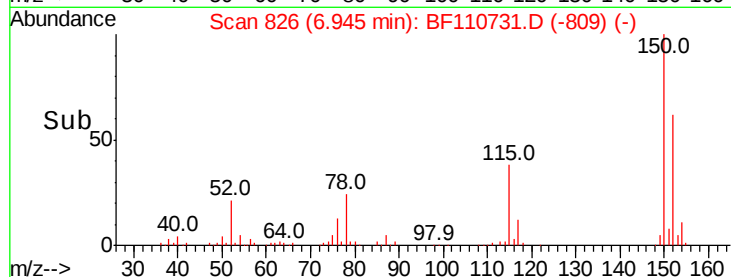
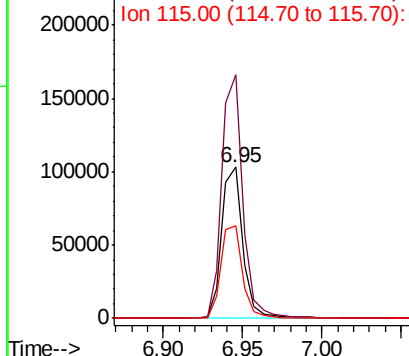


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

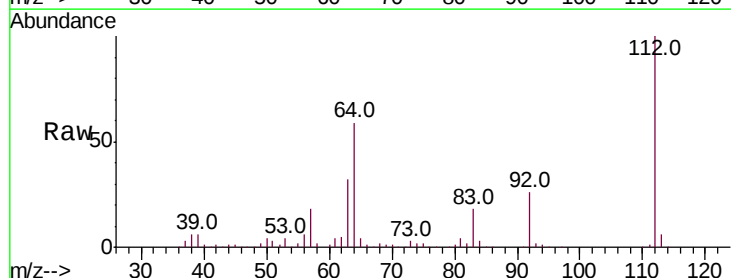
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.000 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.7	23.7	35.5

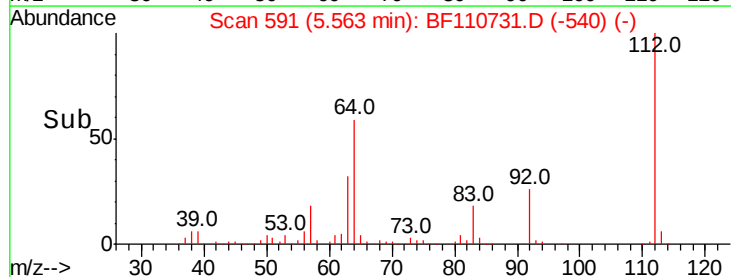
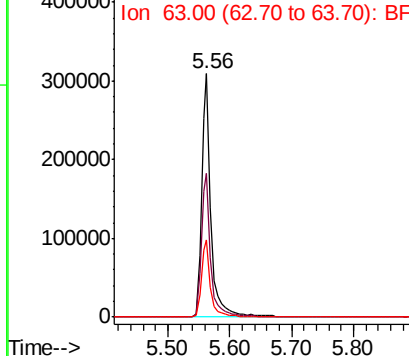


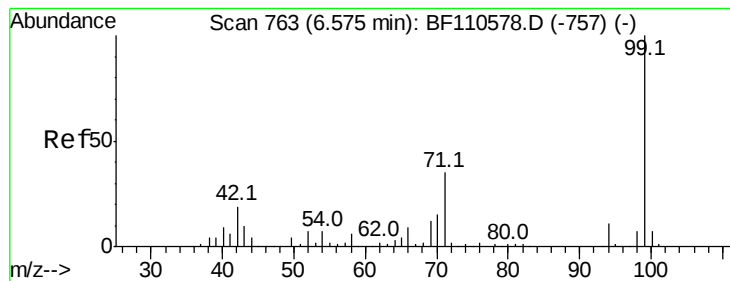
Abundance

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: 55.389 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110731.D

Acq: 13 Nov 2018 20:49

Instrument :

BNA_F

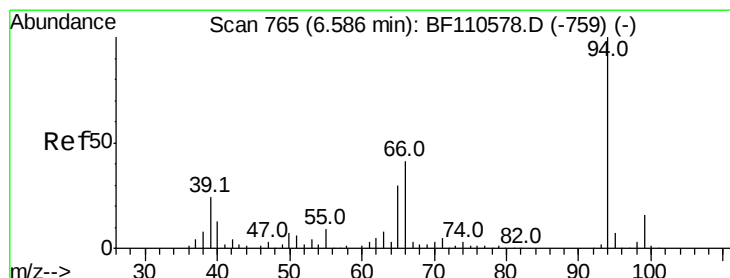
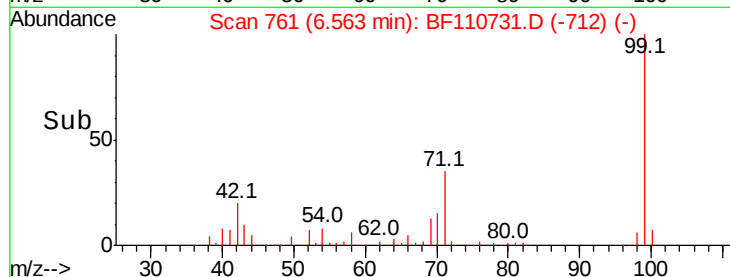
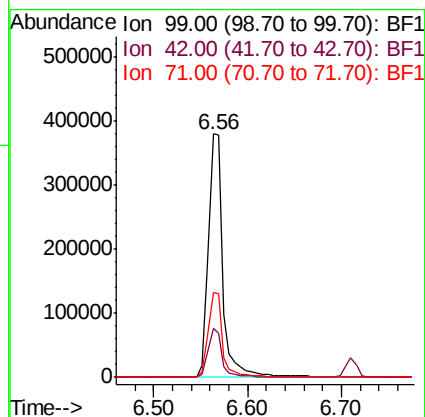
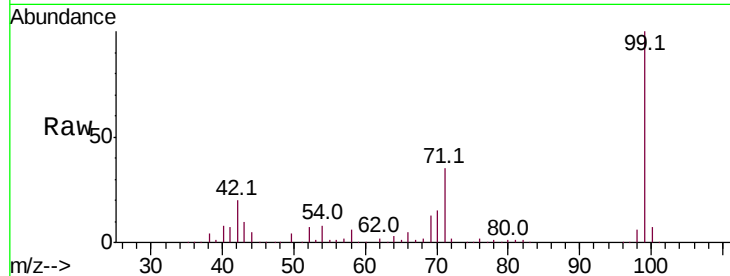
ClientSampled :

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Tot Ion:	99	Resp:	415059
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	34.8	28.0	42.0

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#10

Phenol

Concen: 2.252 ng

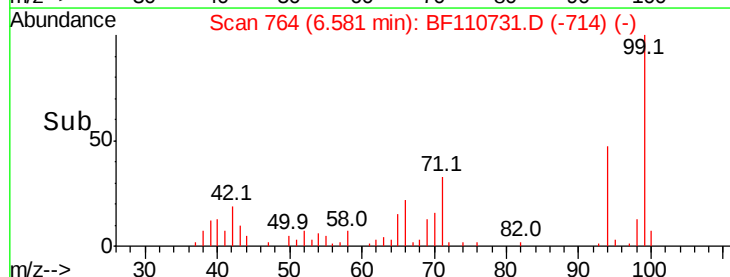
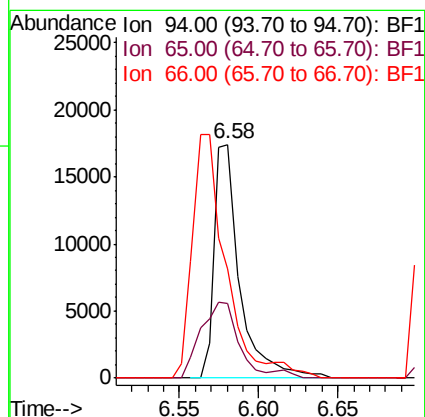
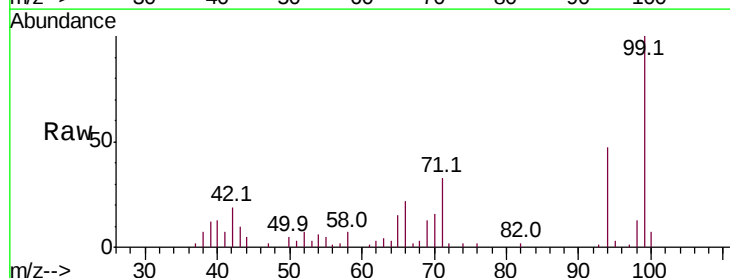
RT: 6.58 min Scan# 764

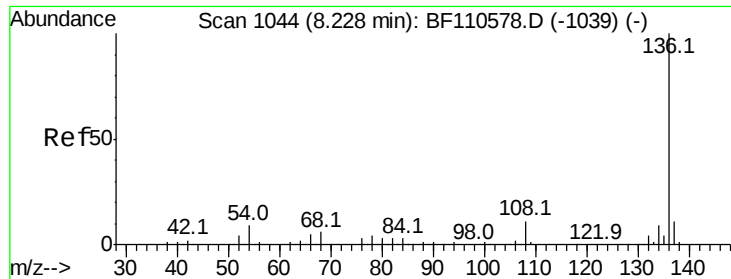
Delta R.T. -0.01 min

Lab File: BF110731.D

Acq: 13 Nov 2018 20:49

Tgt Ion:	94	Resp:	19565
Ion	Ratio	Lower	Upper
94	100		
65	31.8	25.3	65.3
66	46.7	54.5	94.5#





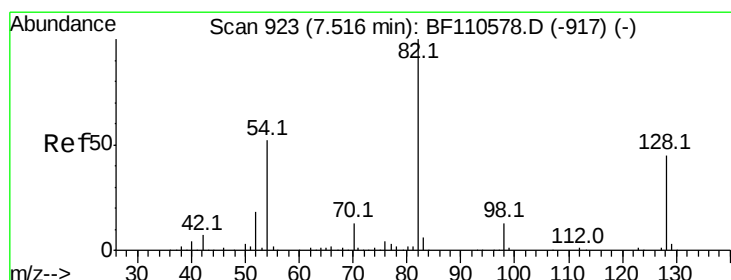
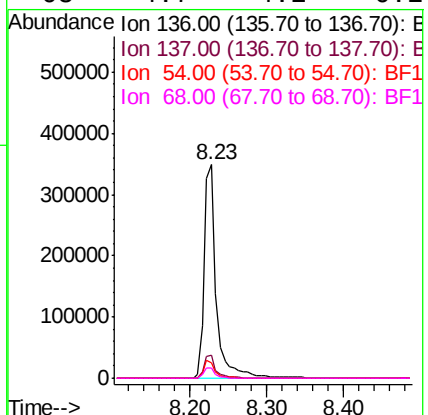
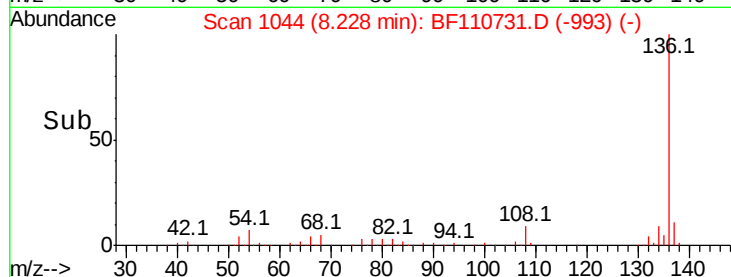
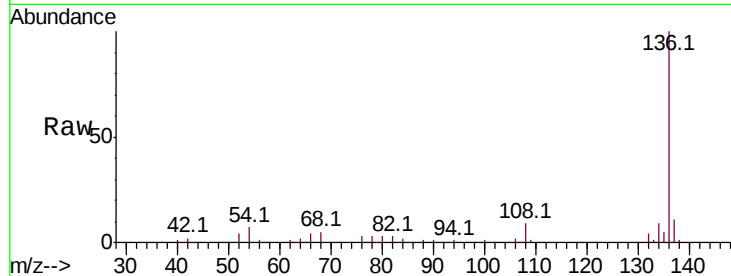
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampled :
SR-3-S

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	7.2	5.4	8.2	
68	4.7	4.2	6.2	

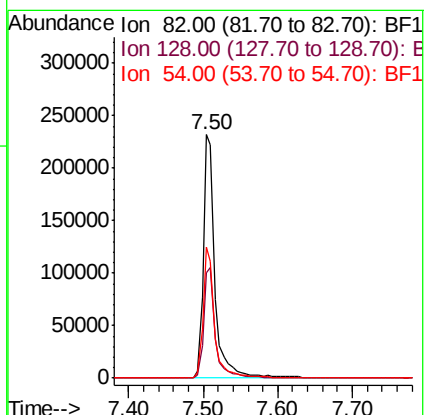
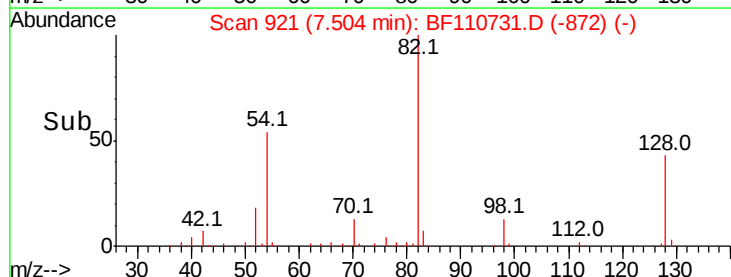
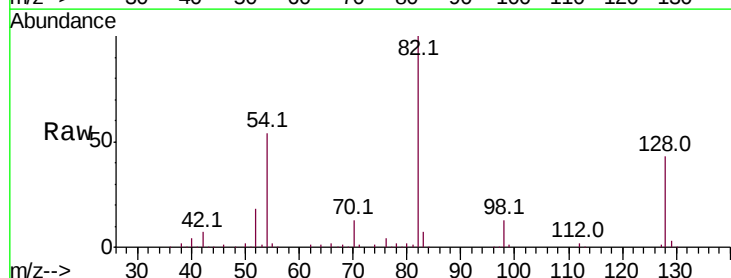
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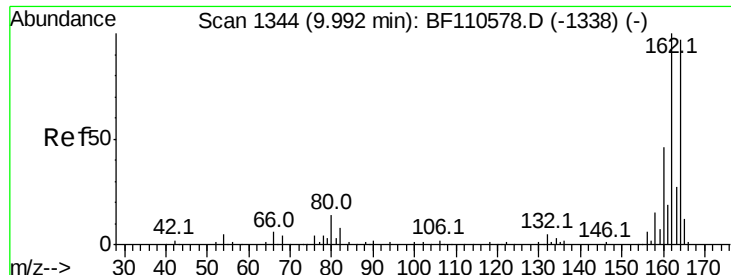
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#23
Nitrobenzene-d5
Concen: 38.666 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110731.D
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	34.2	51.2	
54	53.7	38.6	58.0	





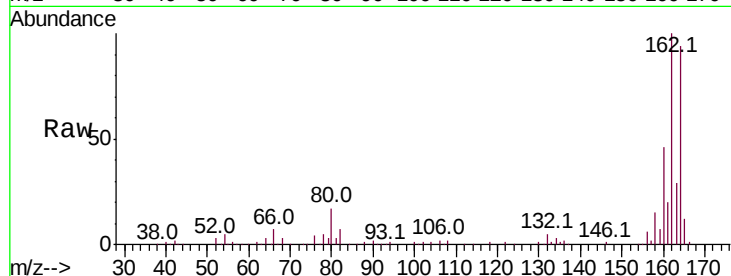
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SR-3-S

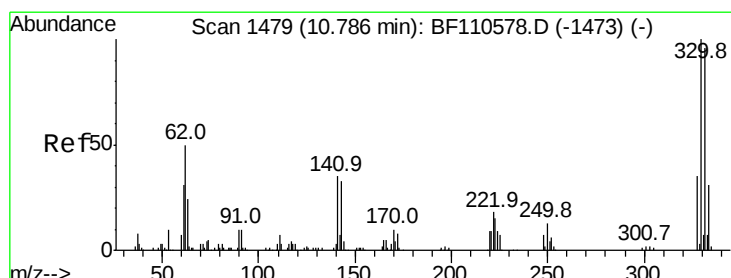
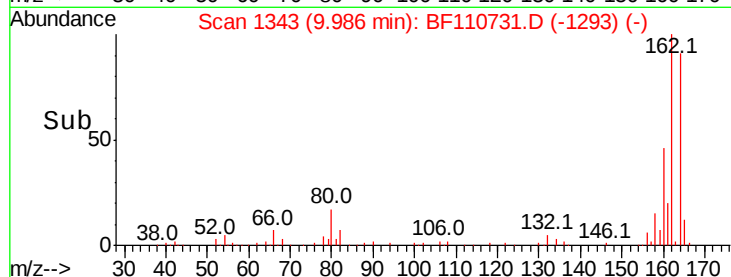
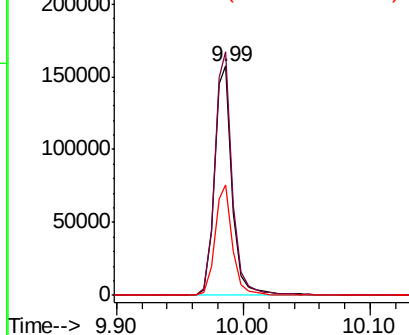
Tot Ion	Ratio	Resp	Lower	Upper
164	100	155096		
162	106.3	83.0	124.6	
160	48.5	37.0	55.6	

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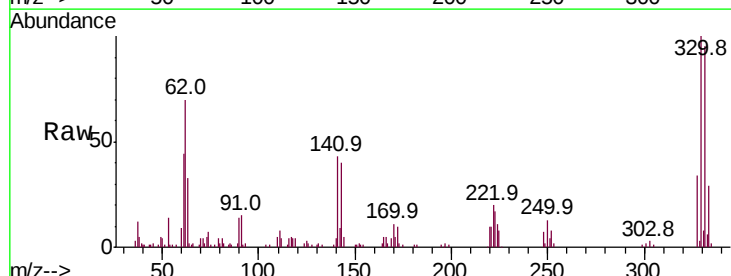


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

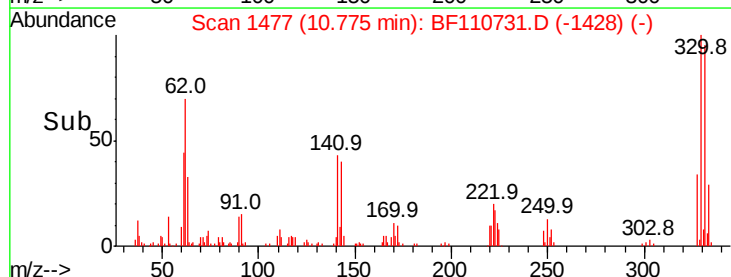
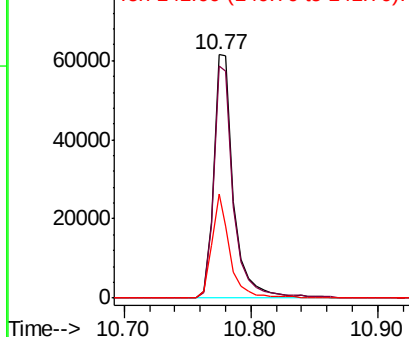


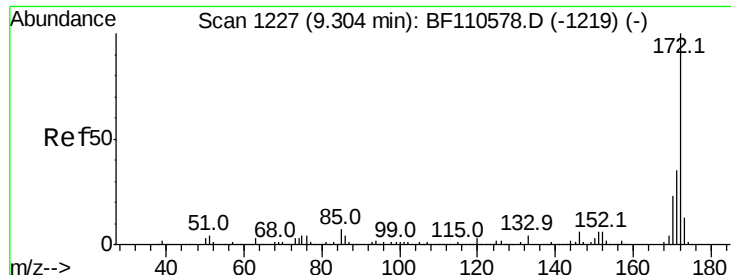
#42
2,4,6-Tribromophenol
Concen: 43.836 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	68506		
332	94.7	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





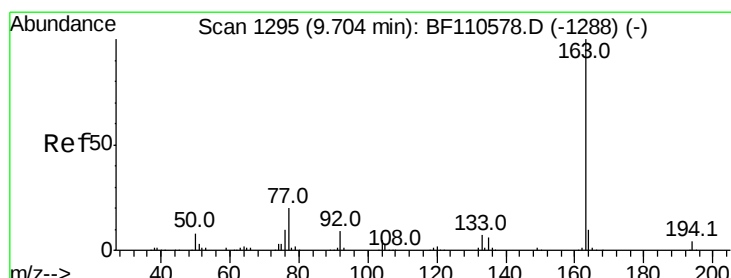
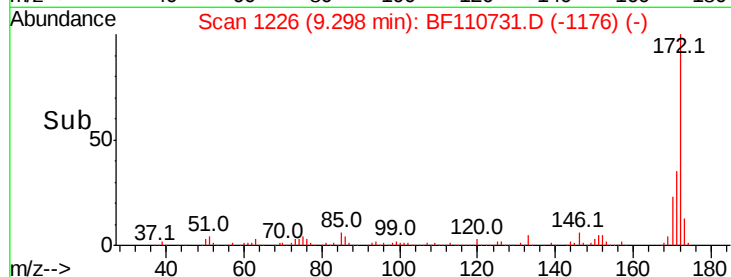
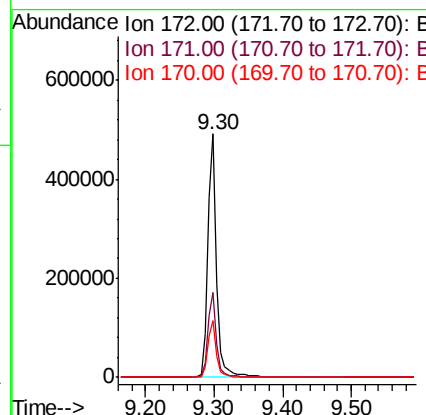
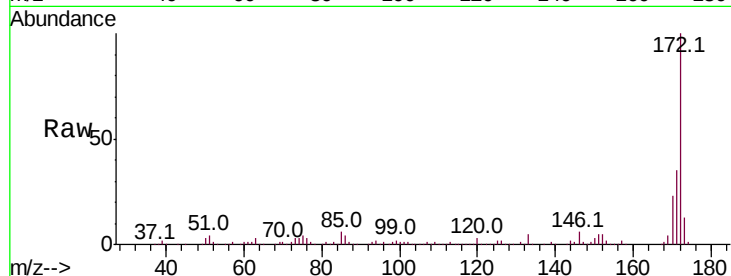
#45
2-Fluorobiphenyl
Concen: 41.300 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	448510		
171	34.9	28.6	43.0	
170	23.3	19.7	29.5	

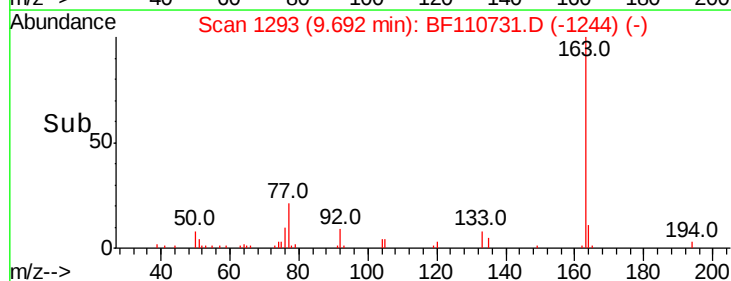
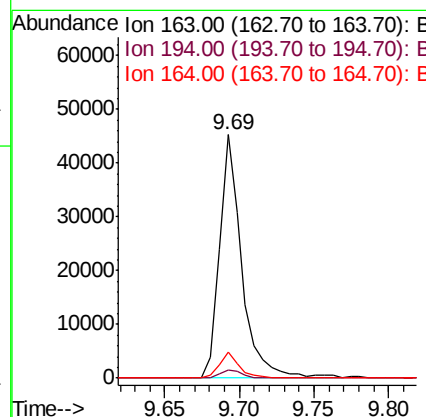
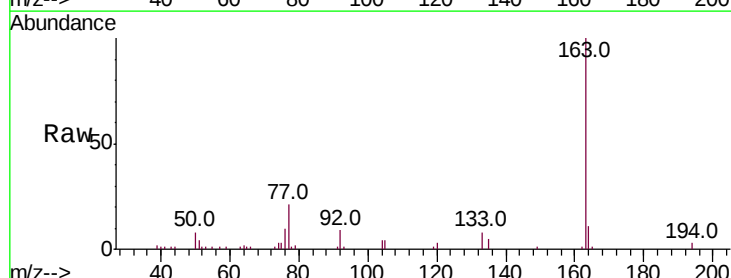
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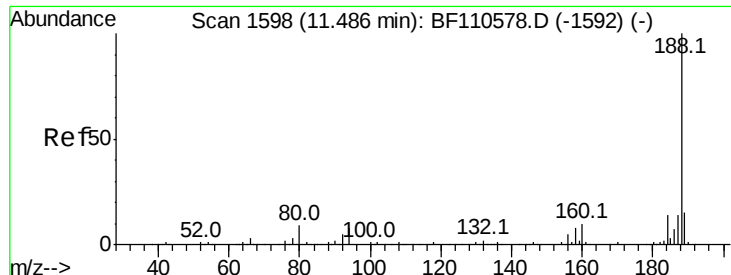
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#50
Dimethylphthalate
Concen: 4.069 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	47085		
194	3.3	3.2	4.8	
164	10.6	8.1	12.1	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110731.D

Acq: 13 Nov 2018 20:49

Instrument :

BNA_F

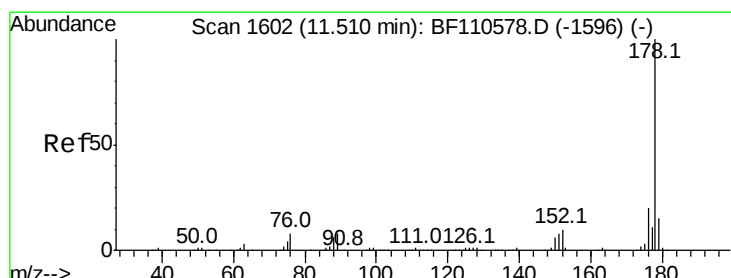
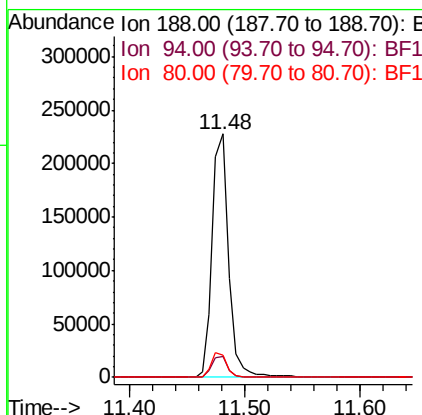
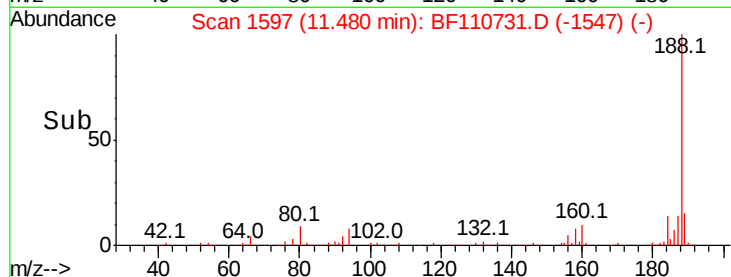
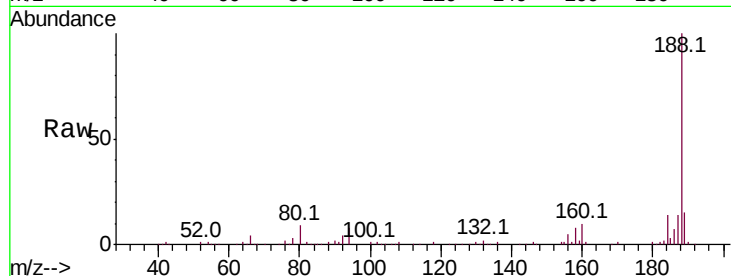
ClientSampleId :

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Tot Ion:	188	Resp:	226156
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.2	10.8
80	8.9	7.9	11.9

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#71

Phenanthrene

Concen: 2.992 ng

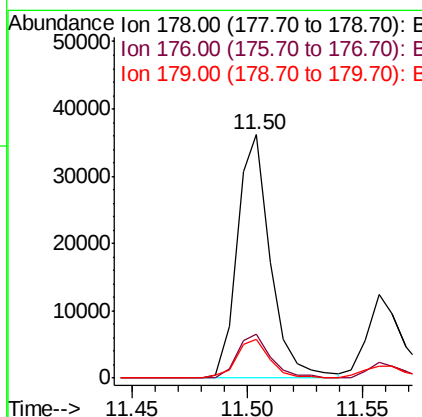
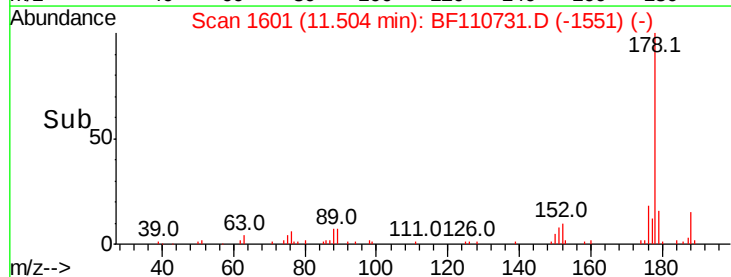
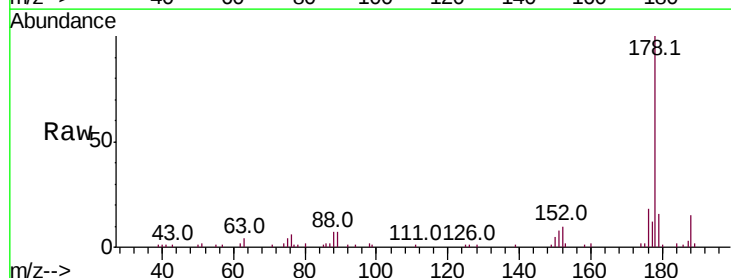
RT: 11.50 min Scan# 1601

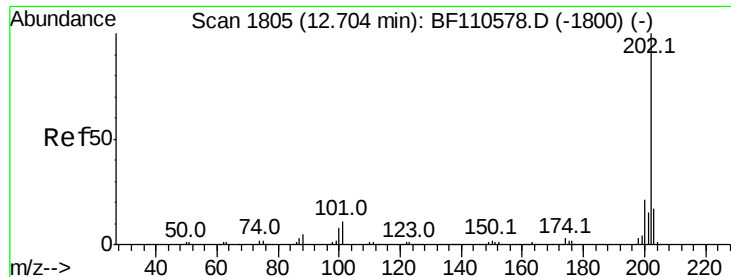
Delta R.T. -0.01 min

Lab File: BF110731.D

Acq: 13 Nov 2018 20:49

Tgt Ion:	178	Resp:	36247
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.5	23.3
179	16.1	12.5	18.7





#75

Fluoranthene

Concen: 9.636 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110731.D

Acq: 13 Nov 2018 20:49

Instrument :

BNA_F

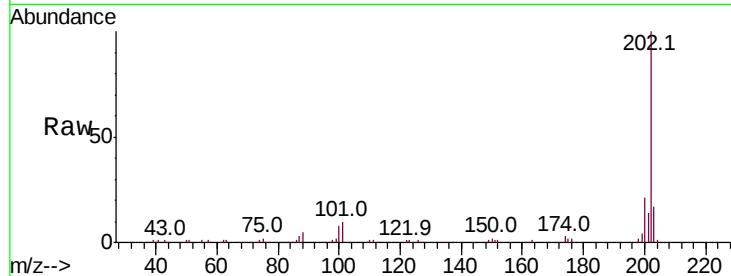
ClientSampleId :

SR-3-S

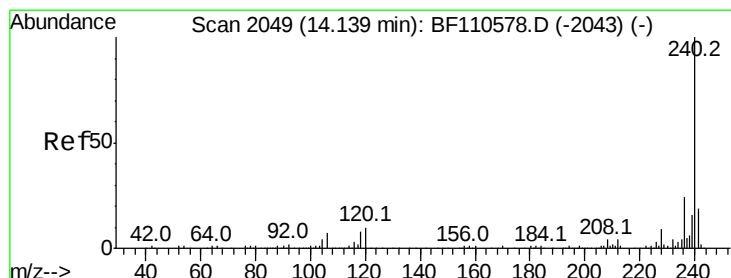
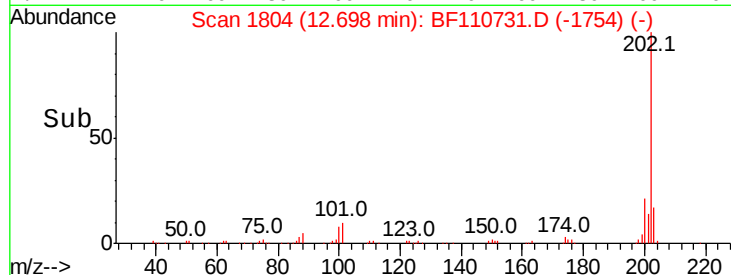
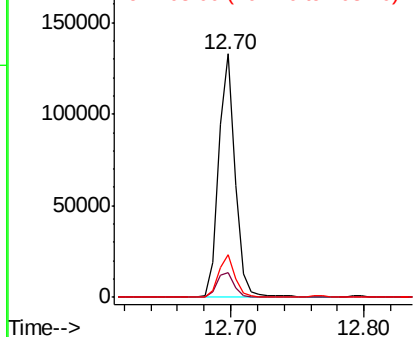
Tot Ion	Ratio	Resp	Lower	Upper
202	100	117051		
101	9.9	0.0	31.4	
203	17.4	0.0	37.7	

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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

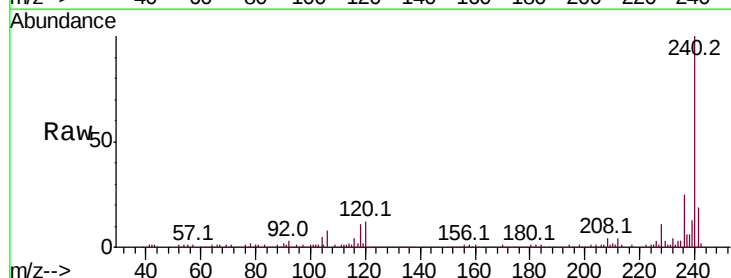
RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

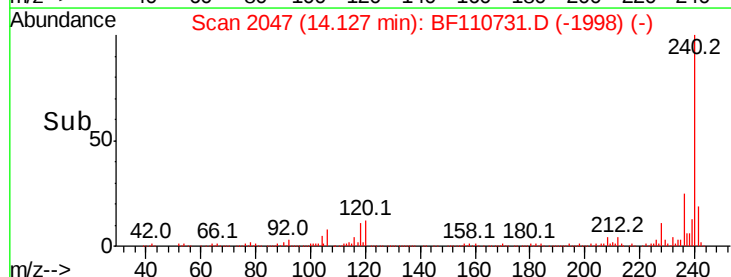
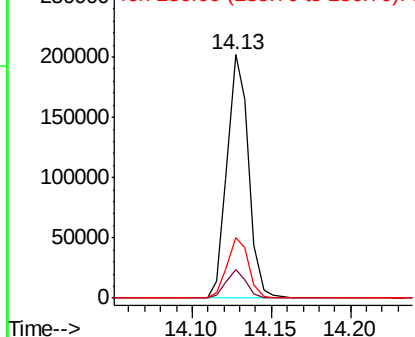
Lab File: BF110731.D

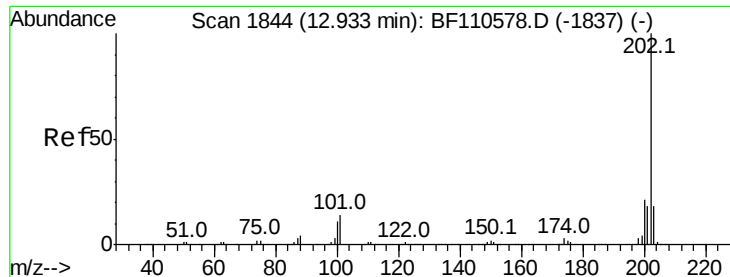
Acq: 13 Nov 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	190127		
120	11.7	8.3	12.5	
236	25.1	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





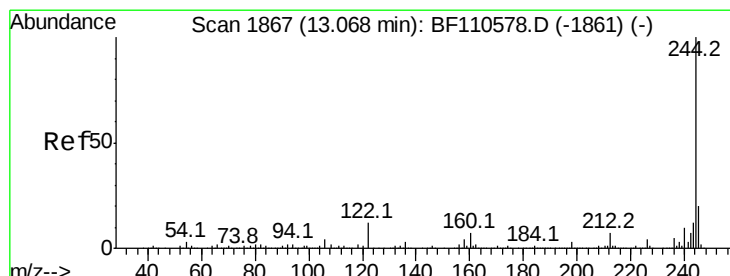
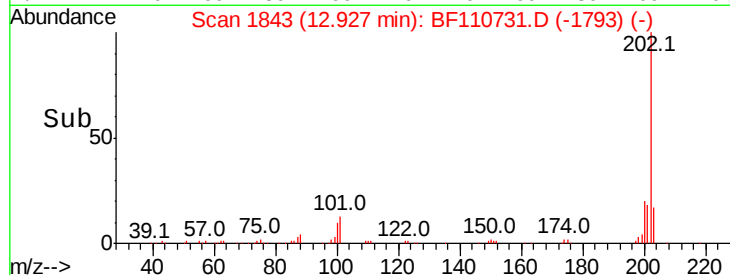
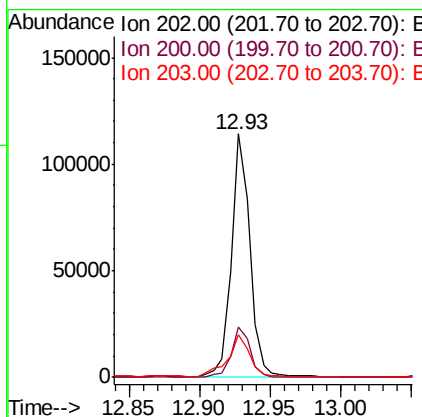
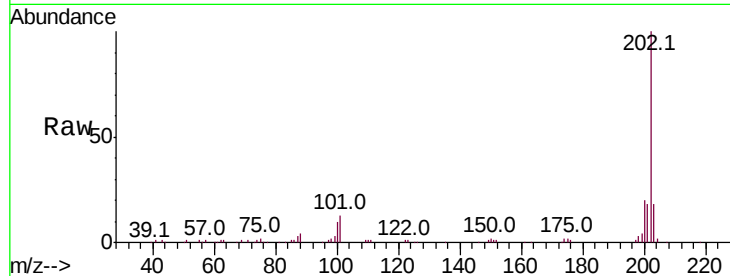
#78
Pvrene
Concen: 7.180 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SR-3-S

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.6	14.2	21.4

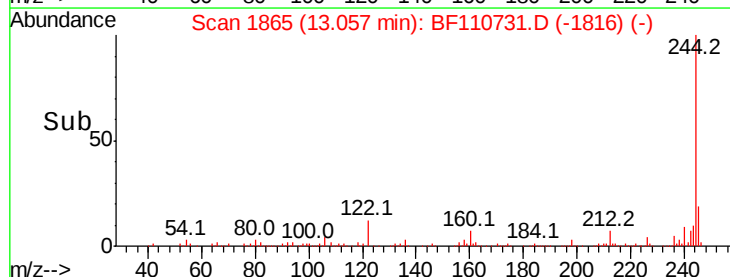
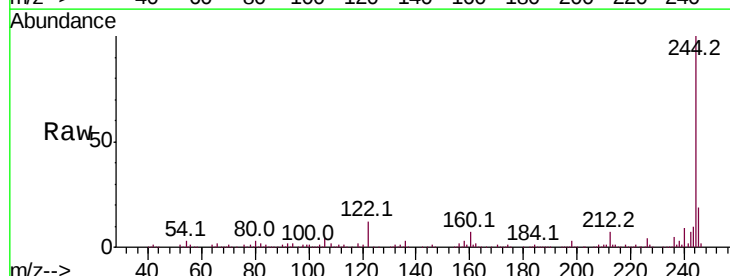
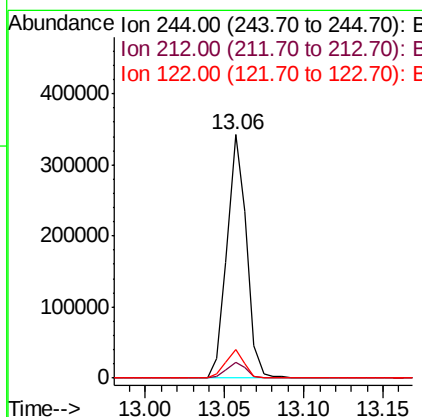
Manual Integrations
APPROVED

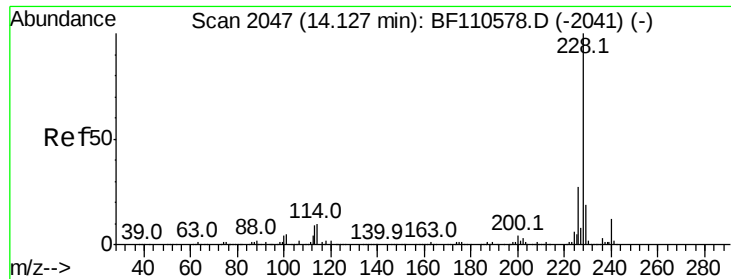
Sohil
11/14/2018 1:52:25 PM



#79
Terphenyl-d14
Concen: 28.745 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.7	8.7	13.1





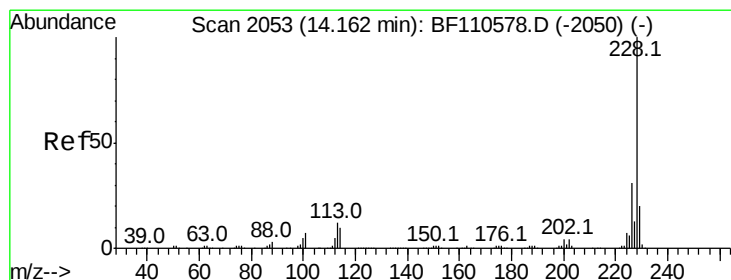
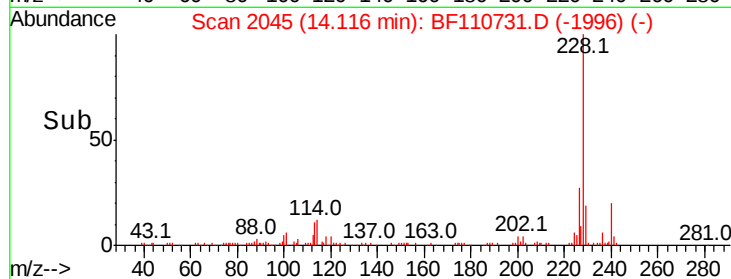
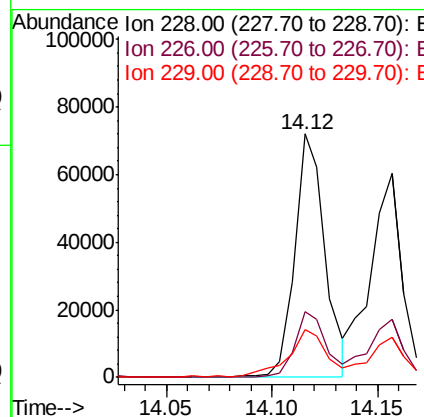
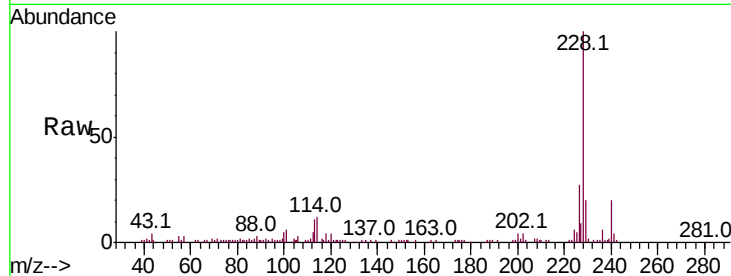
#81
Benzo(a)anthracene
Concen: 6.320 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampled :
SR-3-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.7	15.6	23.4

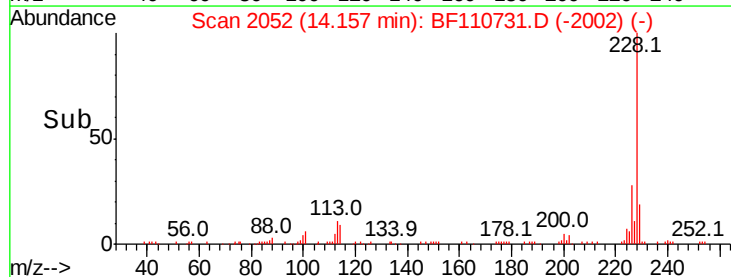
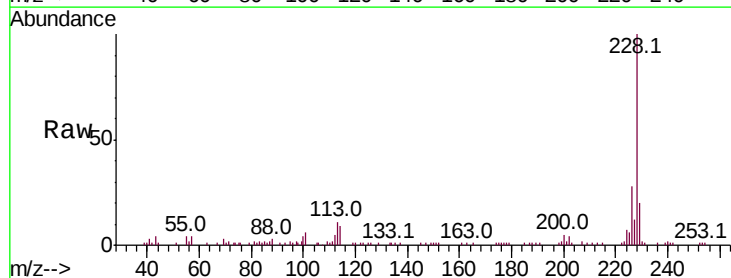
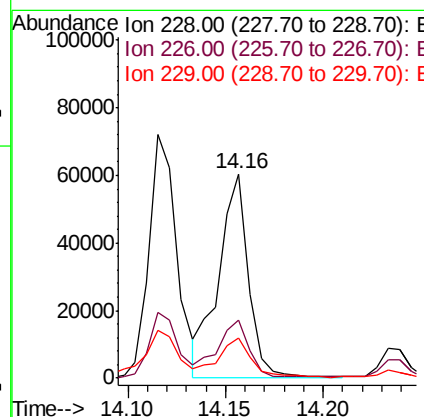
Manual Integrations
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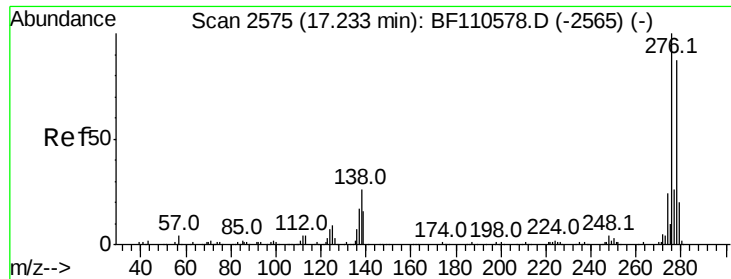
Sohil
11/14/2018 1:52:25 PM



#83
Chrysene
Concen: 5.937 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.7	37.1
229	19.9	15.9	23.9





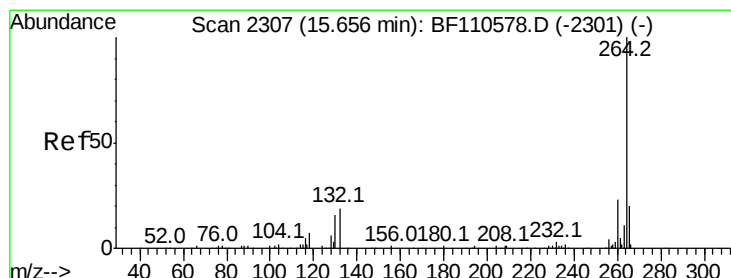
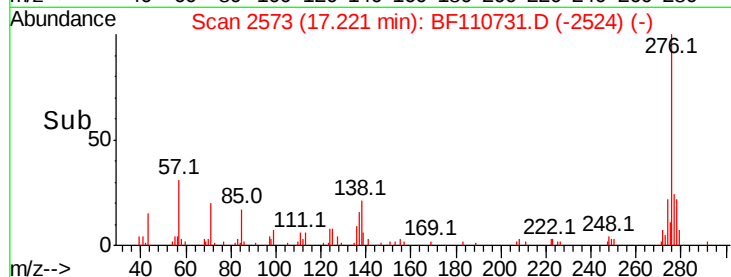
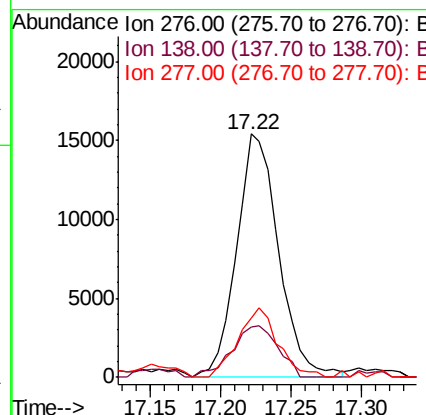
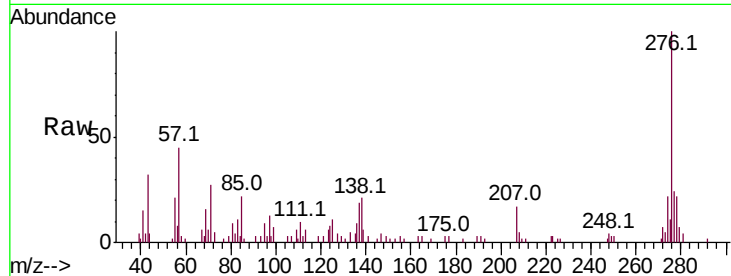
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.133 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SR-3-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.5	27.7
277	27.1	20.0	30.0

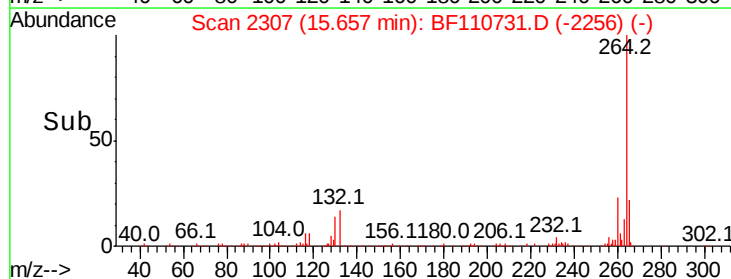
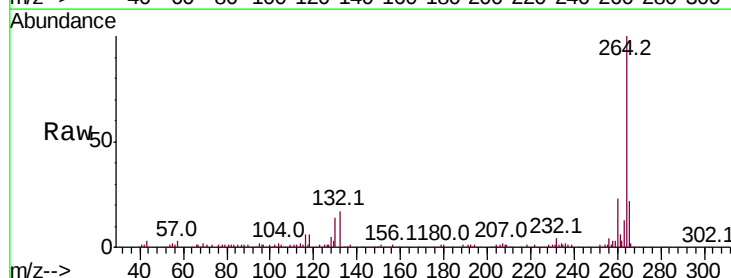
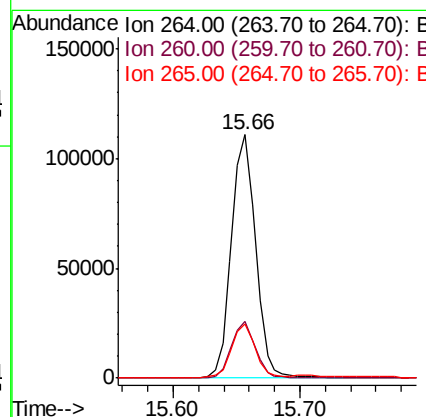
Manual Integrations
APPROVED

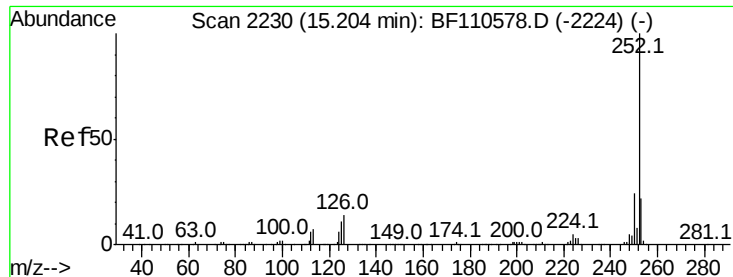
Sohil
11/14/2018 1:52:25 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.2	16.7	25.1





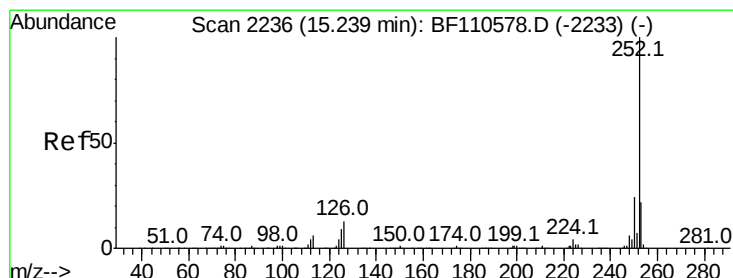
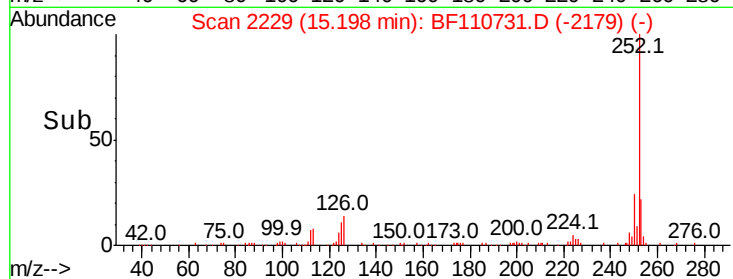
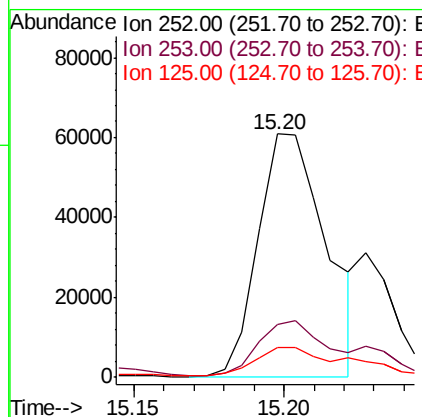
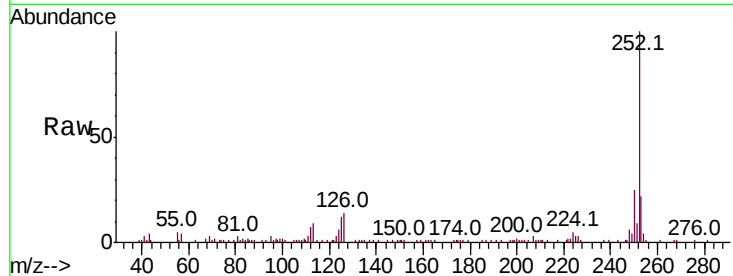
#88
Benzo(b)fluoranthene
Concen: 10.945 ng m
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SR-3-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.1	8.2	12.4

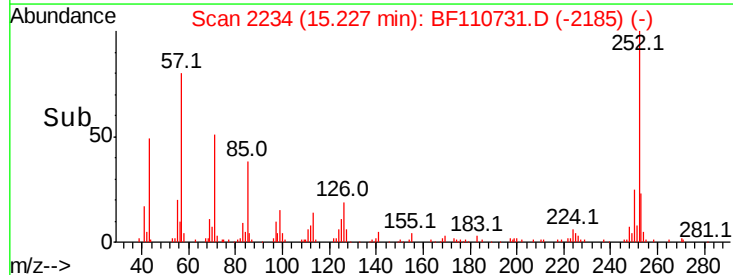
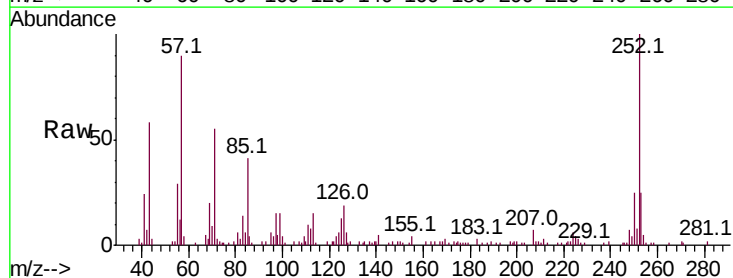
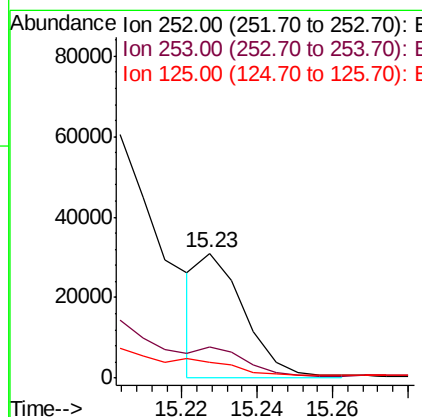
Manual Integrations
APPROVED

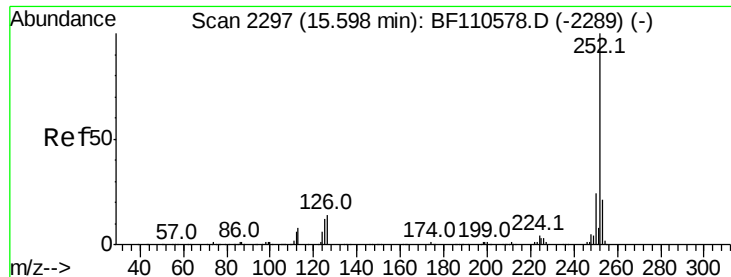
Sohil
11/14/2018 1:52:25 PM



#89
Benzo(k)fluoranthene
Concen: 3.010 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	13.0	7.4	11.0





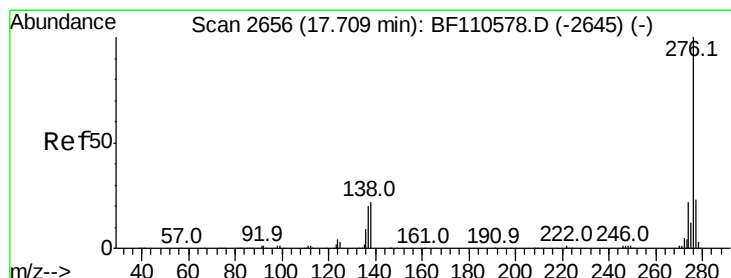
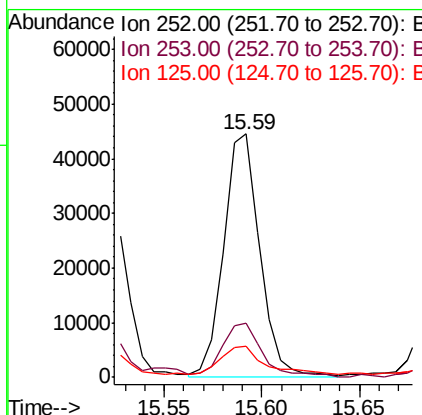
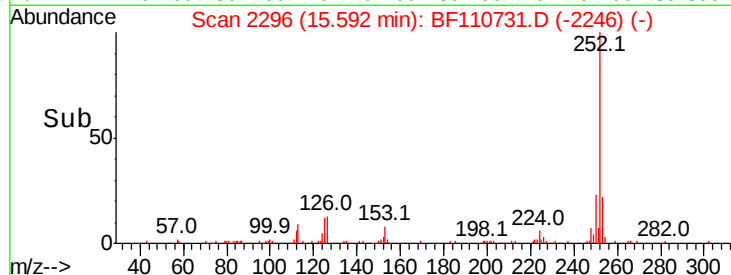
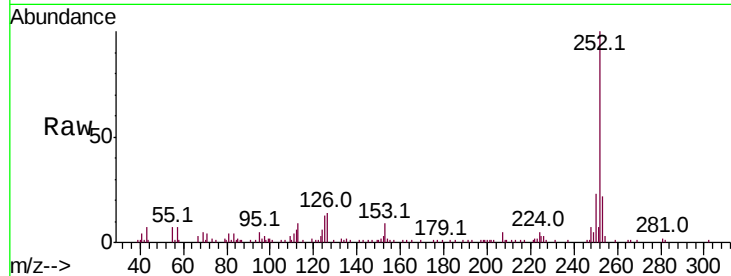
#90
Benzo(a)pyrene
Concen: 7.183 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Instrument :
BNA_F
ClientSampleId :
SR-3-S

Tot Ion:	252	Resp:	57403
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	12.7	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/14/2018 1:52:25 PM



#92
Benzo(g,h,i)perylene
Concen: 4.321 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110731.D
Acq: 13 Nov 2018 20:49

Tgt Ion:	276	Resp:	28998
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	21.2	16.0	24.0

