

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110408.D
 Acq On : 2 Nov 2018 13:29
 Operator : JU/SJ
 Sample : J5759-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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Sohil
 11/5/2018 10:32:38 AM

Quant Time: Nov 02 22:51:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73373	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	292235	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	127640	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	203819	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157665	20.00	ng	0.00
87) Perylene-d12	15.66	264	151699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	424056	94.12	ng	0.00
7) Phenol-d6	6.58	99	539366	93.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	331491	67.28	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	104975	83.03	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	525653	64.67	ng	0.00
79) Terphenyl-d14	13.07	244	378211	49.89	ng	0.00
Target Compounds						
10) Phenol	6.59	94	34040	5.526	ng	73
50) Dimethylphthalate	9.70	163	77004	8.173	ng	99
71) Phenanthrene	11.51	178	139313	13.063	ng	99
72) Anthracene	11.56	178	44990	4.209	ng	98
75) Fluoranthene	12.70	202	312554	28.877	ng	99
78) Pyrene	12.94	202	298287	26.390	ng	98
81) Benzo(a)anthracene	14.12	228	182074	19.473	ng	99
83) Chrysene	14.16	228	163480	18.409	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	77381	10.503	ng	98
88) Benzo(b)fluoranthene	15.20	252	214299m	24.463	ng	
89) Benzo(k)fluoranthene	15.23	252	82280m	9.554	ng	
90) Benzo(a)pyrene	15.59	252	168543	20.909	ng	99
91) Dibenzo(a,h)anthracene	17.22	278	21379m	3.074	ng	
92) Benzo(a,h,i)perylene	17.70	276	70858	10.339	ng	98

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

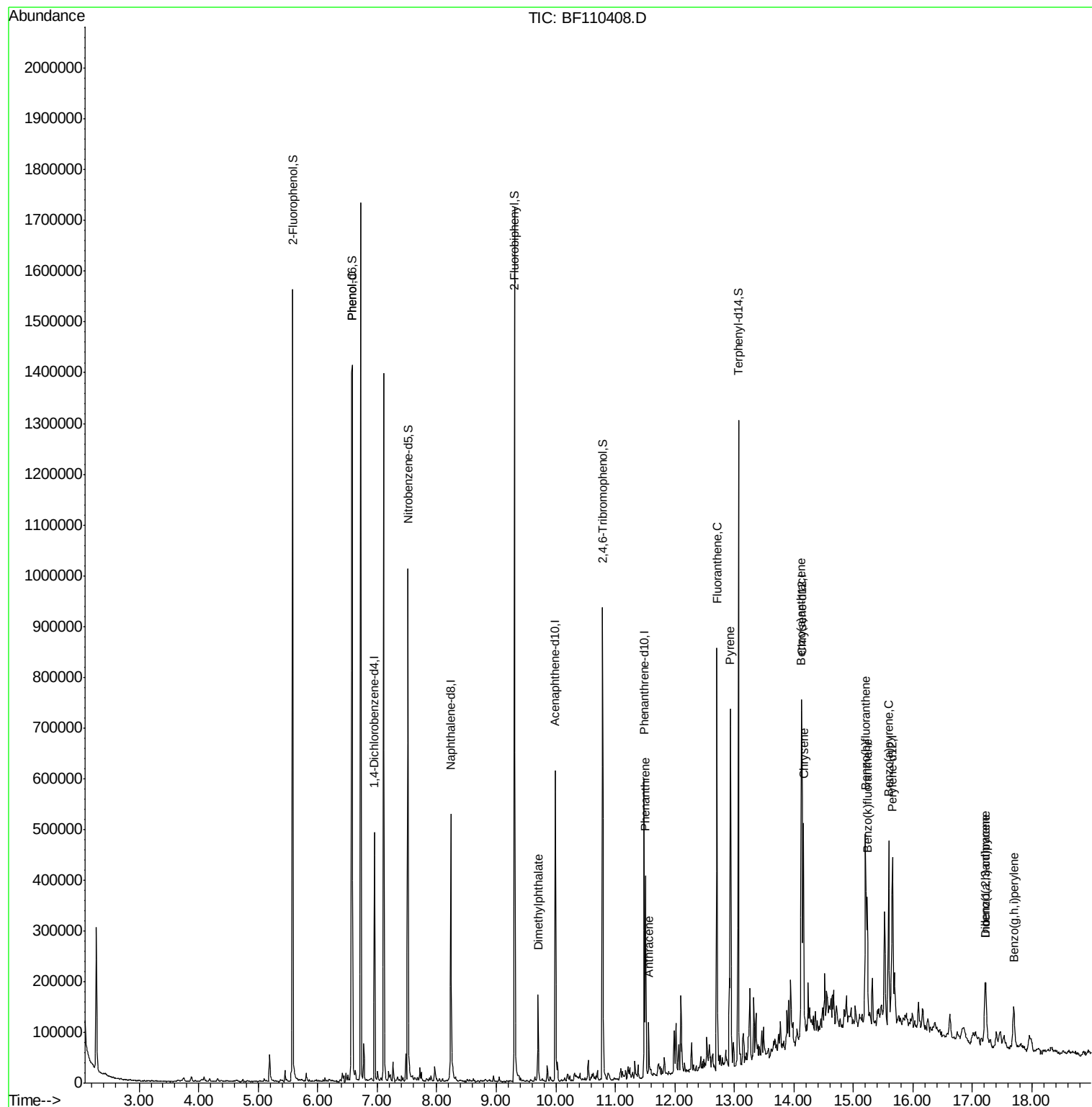
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110408.D
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Sample : J5759-09
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ALS Vial : 9 Sample Multiplier: 1

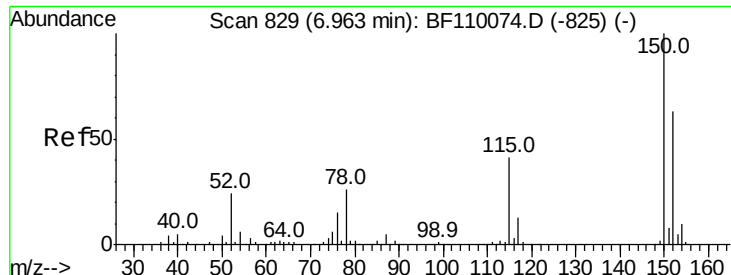
Instrument :
BNA_F
ClientSampleId :
TP-3

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Quant Time: Nov 02 22:51:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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#1

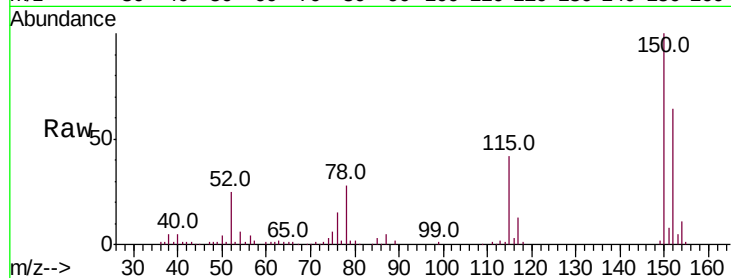
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	65.1	49.1	73.7

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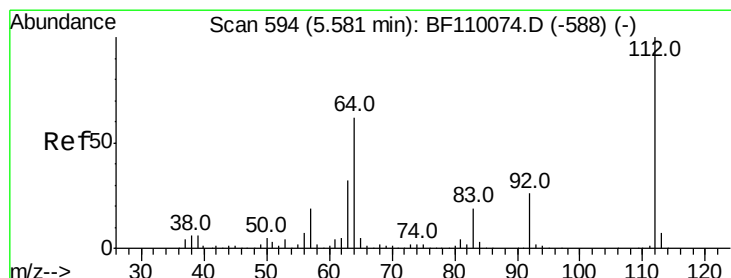
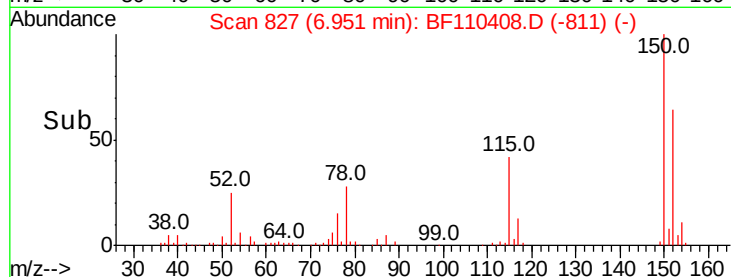
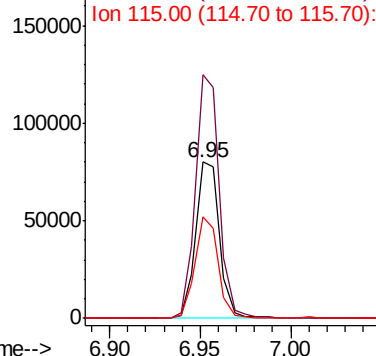


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

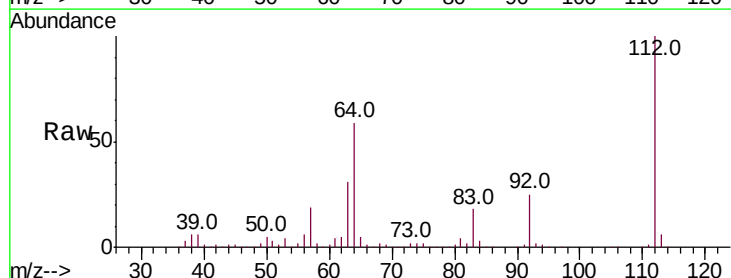
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.116 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	31.4	23.7	35.5

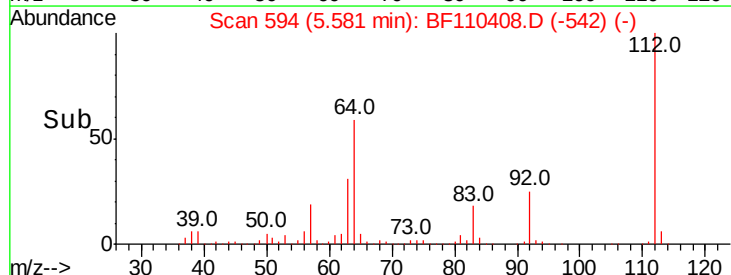
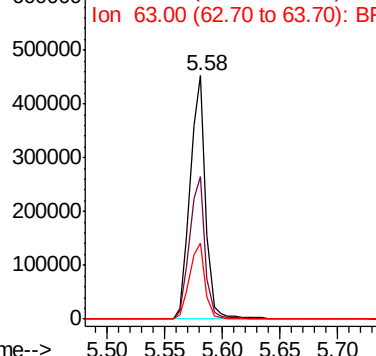


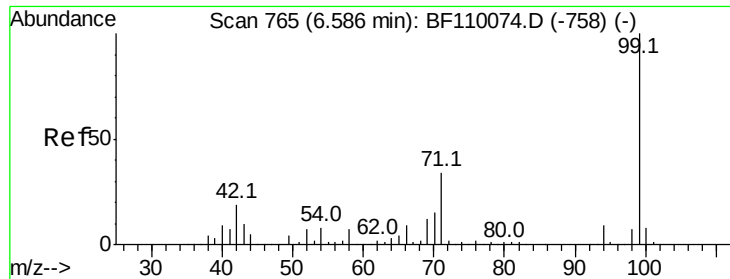
Abundance

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: 93.589 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110408.D

Acq: 2 Nov 2018 13:29

Instrument :

BNA_F

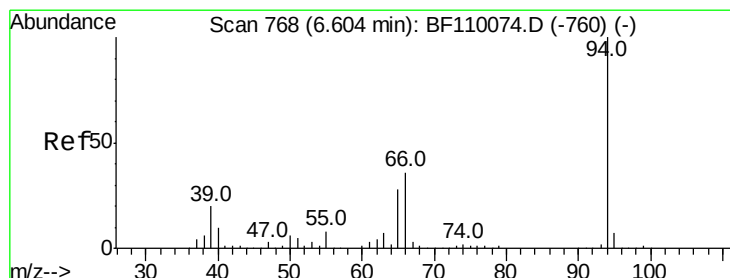
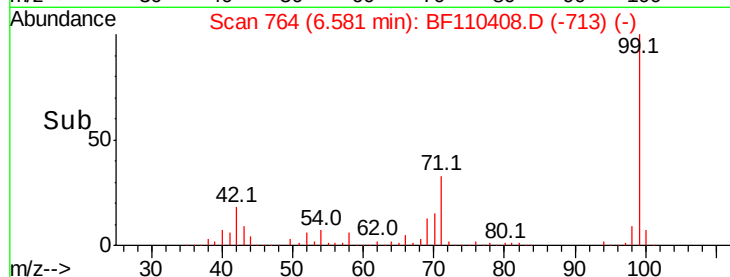
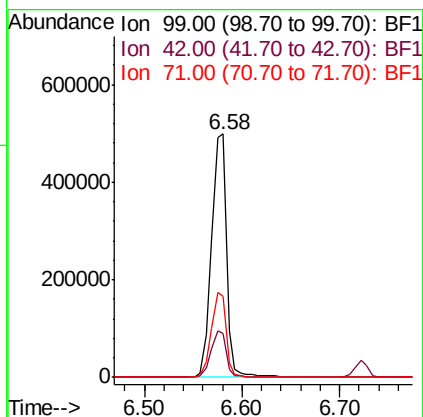
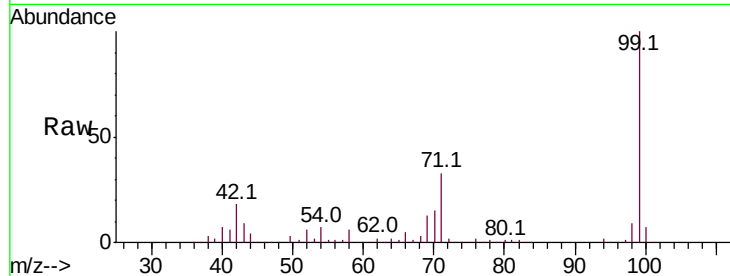
ClientSampled :

TP-3

Tot Ion:	99	Resp:	539366
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.8	23.6
71	33.3	28.0	42.0

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#10

Phenol

Concen: 5.526 ng

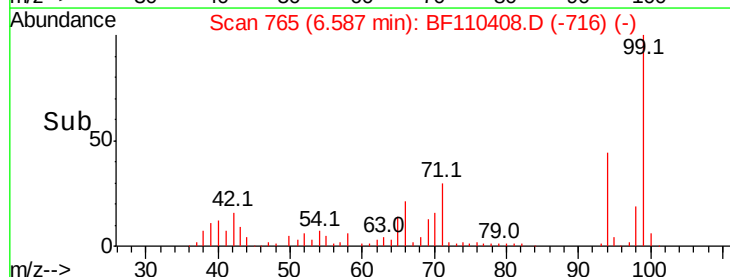
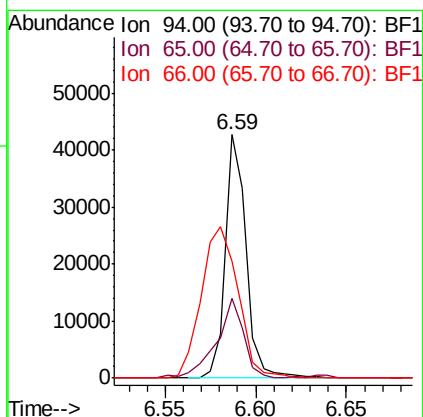
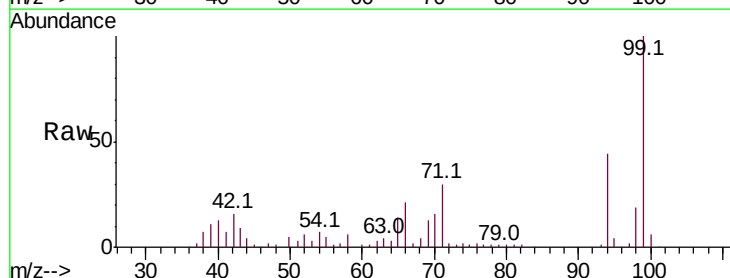
RT: 6.59 min Scan# 765

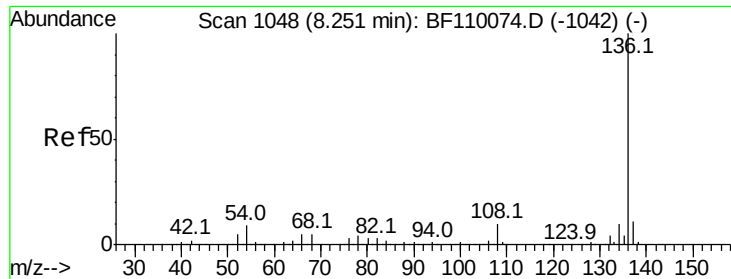
Delta R.T. -0.01 min

Lab File: BF110408.D

Acq: 2 Nov 2018 13:29

Tgt Ion:	94	Resp:	34040
Ion Ratio	Lower	Upper	
94	100		
65	32.7	25.3	65.3
66	48.0	54.5	94.5#





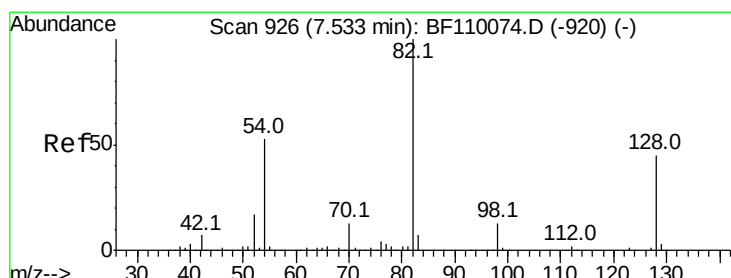
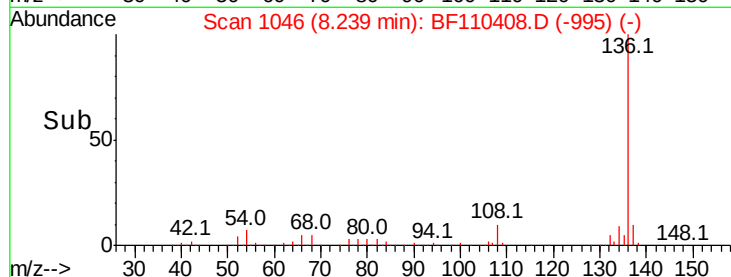
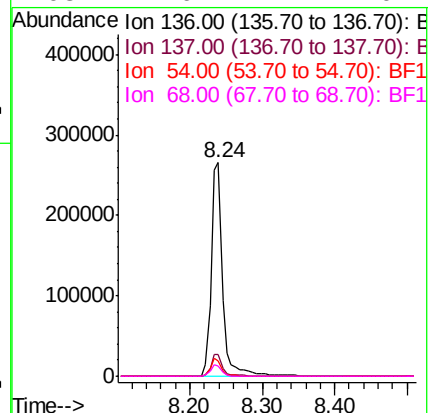
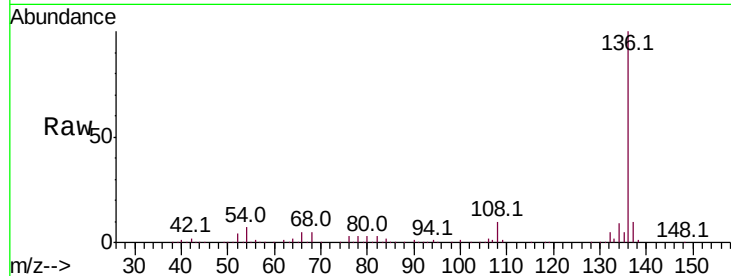
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100	292235		
137	10.4		8.8	13.2
54	7.3		5.4	8.2
68	4.6		4.2	6.2

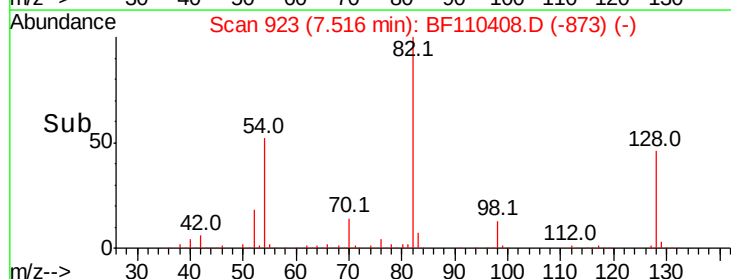
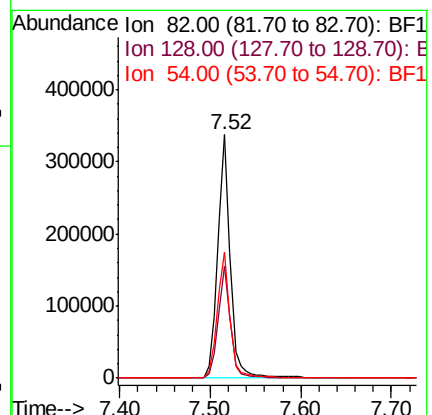
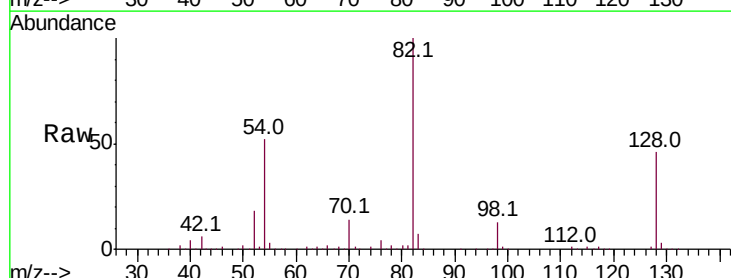
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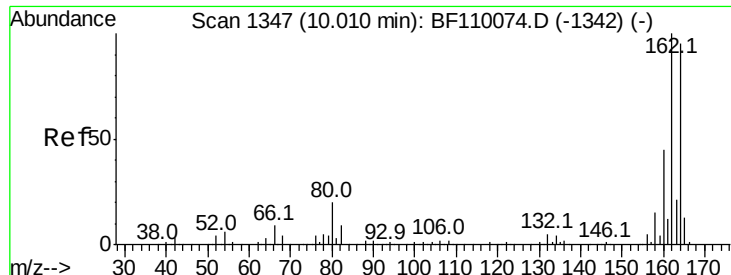
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#23
Nitrobenzene-d5
Concen: 67.281 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	331491		
128	46.0		34.2	51.2
54	51.6		38.6	58.0





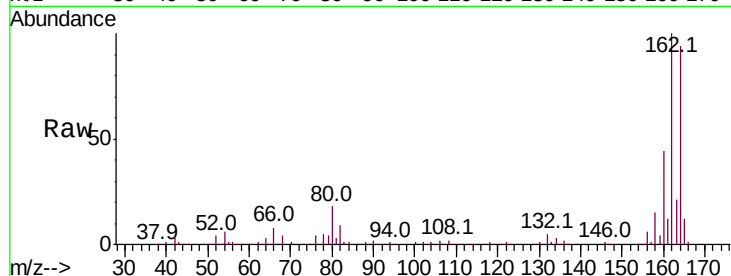
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.0	124.6
160	46.3	37.0	55.6

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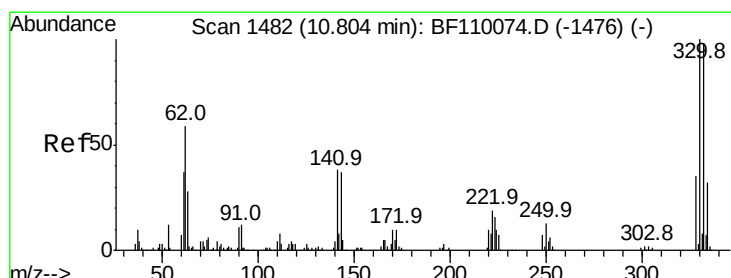
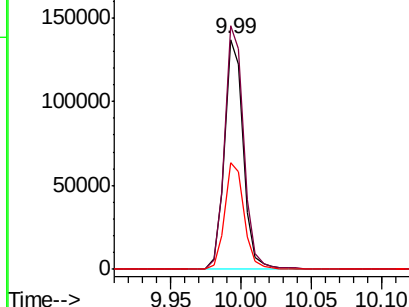
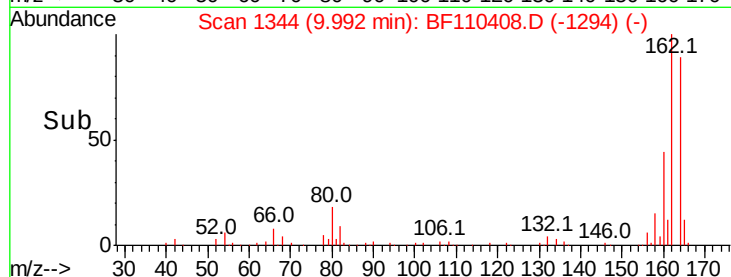


Abundance

Ion 164.00 (163.70 to 164.70): E

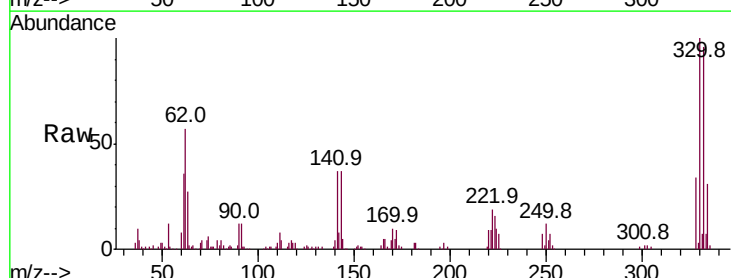
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 83.026 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	37.0	27.0	40.4

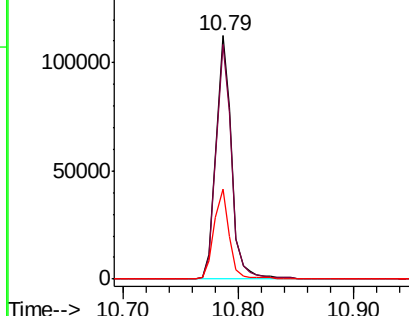
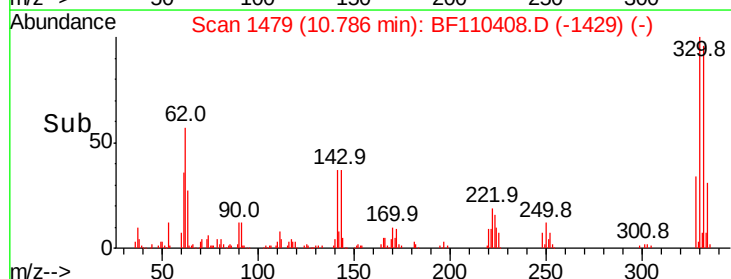


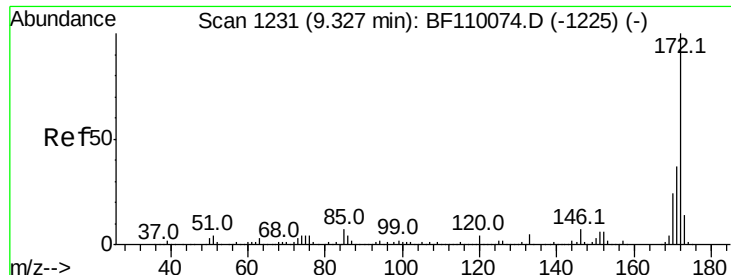
Abundance

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





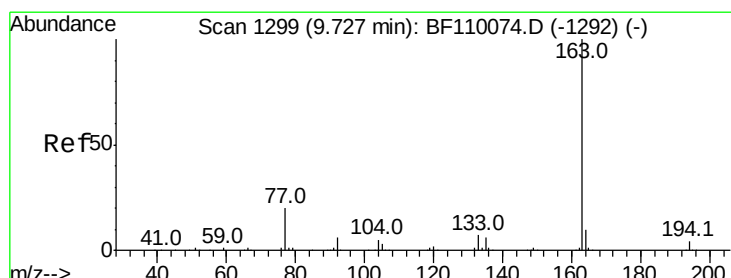
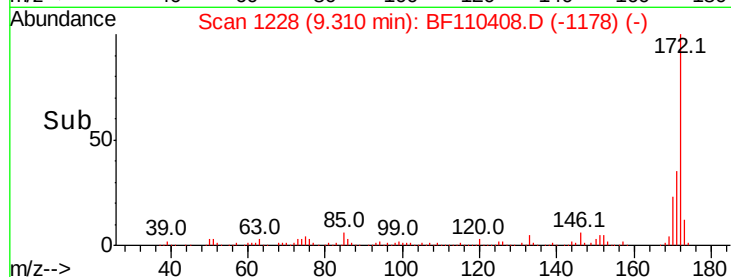
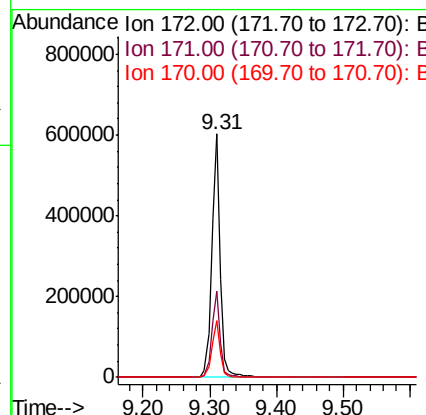
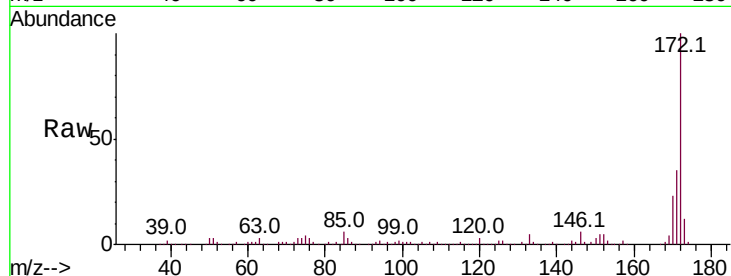
#45
 2-Fluorobiphenyl
 Concen: 64.667 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110408.D
 Acq: 2 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100	525653		
171	35.5		28.6	43.0
170	23.2		19.7	29.5

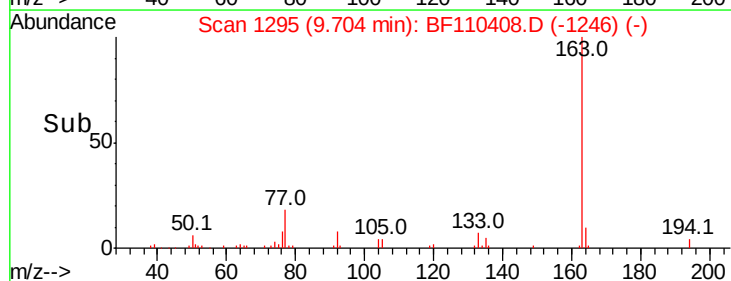
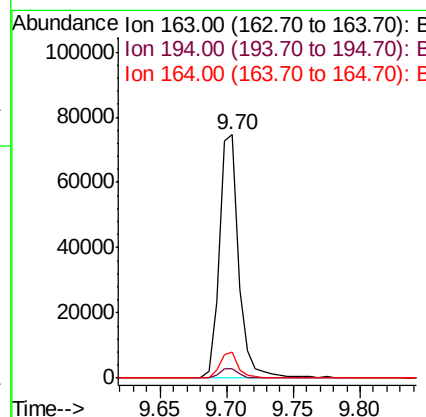
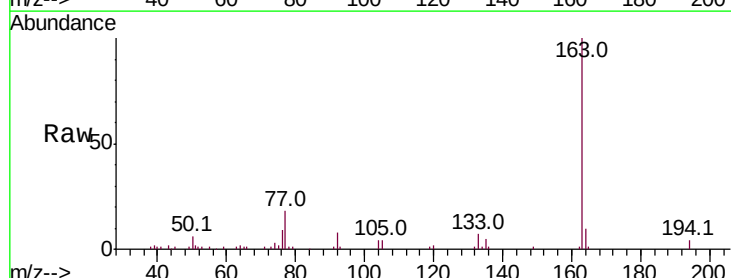
Manual Integrations
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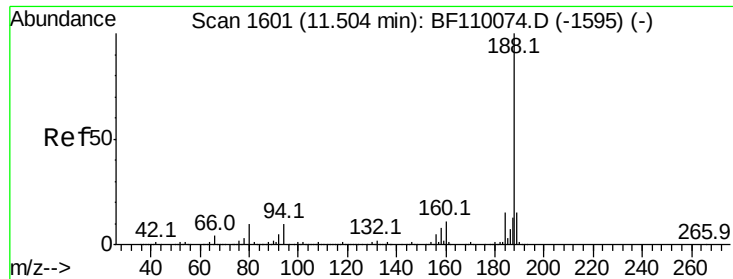
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#50
 Dimethylphthalate
 Concen: 8.173 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110408.D
 Acq: 2 Nov 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	77004		
194	3.9		3.2	4.8
164	10.5		8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110408.D

Acq: 2 Nov 2018 13:29

Instrument :

BNA_F

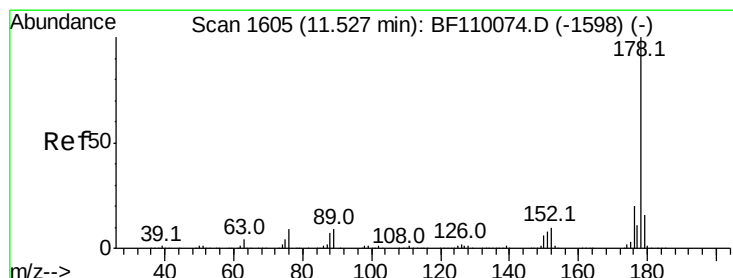
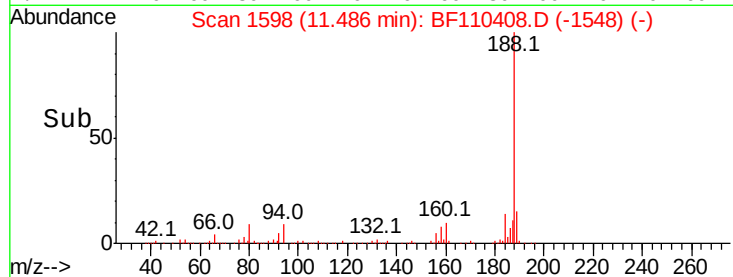
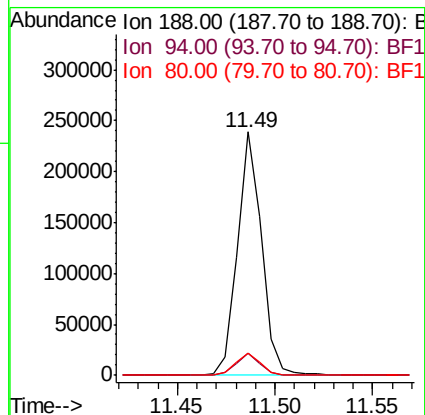
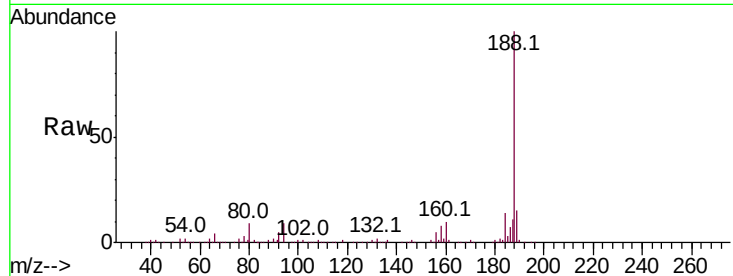
ClientSampled :

TP-3

Tot Ion:188	Resp: 203819
Ion Ratio	Lower Upper
188 100	
94 9.2	7.2 10.8
80 9.3	7.9 11.9

Manual Integrations
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#71

Phenanthrene

Concen: 13.063 ng

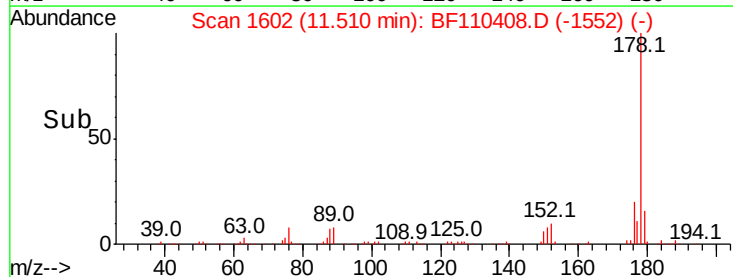
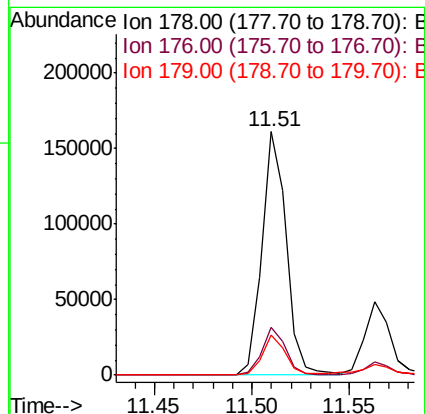
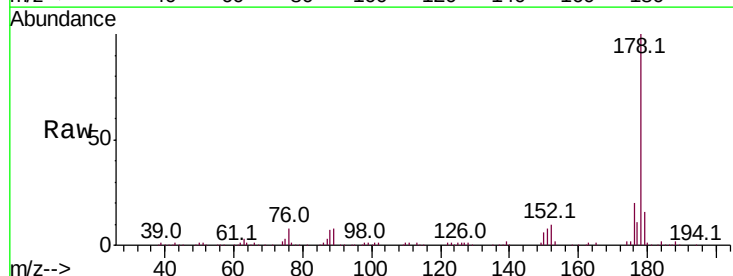
RT: 11.51 min Scan# 1602

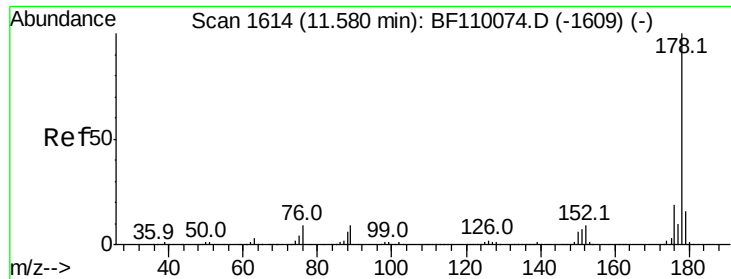
Delta R.T. -0.01 min

Lab File: BF110408.D

Acq: 2 Nov 2018 13:29

Tgt Ion:178	Resp: 139313
Ion Ratio	Lower Upper
178 100	
176 19.6	15.5 23.3
179 16.3	12.5 18.7





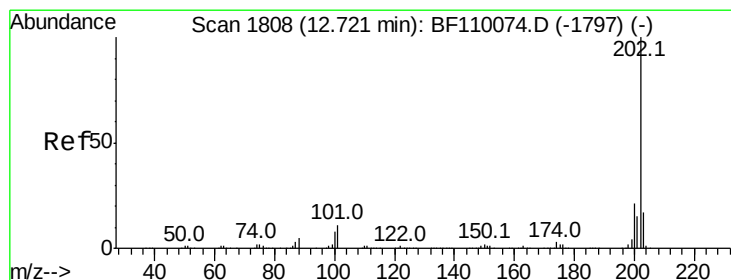
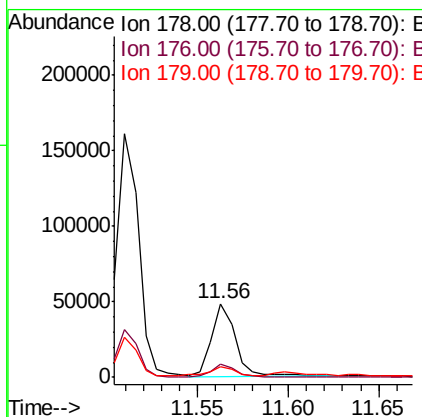
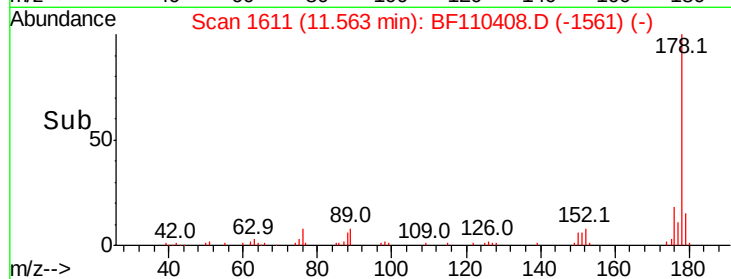
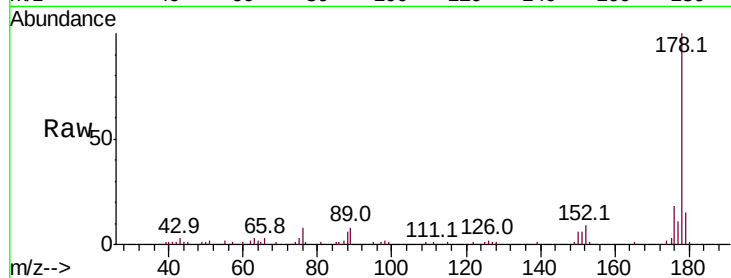
#72
 Anthracene
 Concen: 4.209 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF110408.D
 Acq: 2 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.3	12.6	18.8

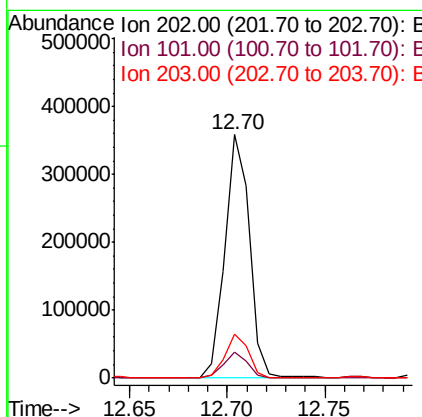
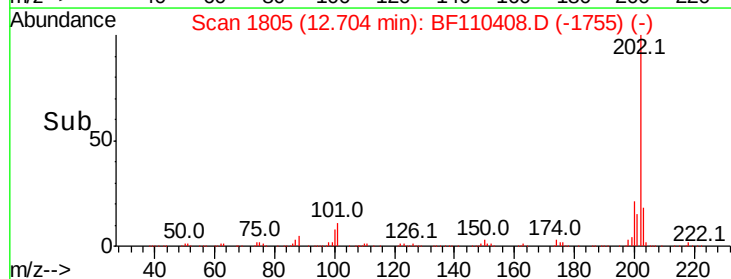
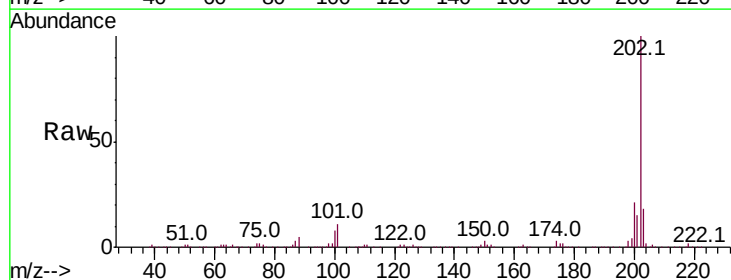
Manual Integrations
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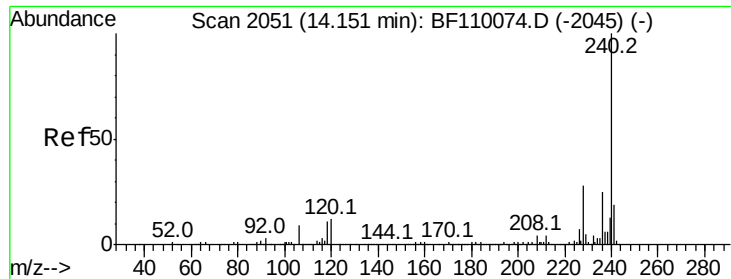
Sohil
 11/5/2018 10:32:38 AM



#75
 Fluoranthene
 Concen: 28.877 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110408.D
 Acq: 2 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.9	0.0	37.7





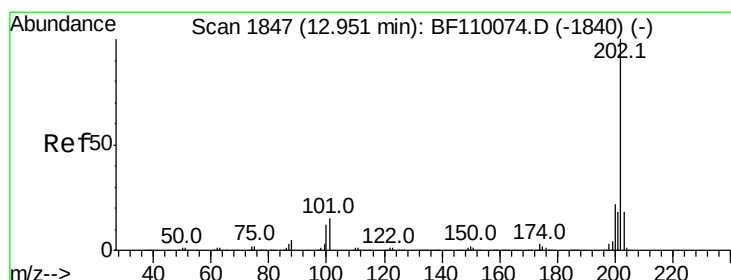
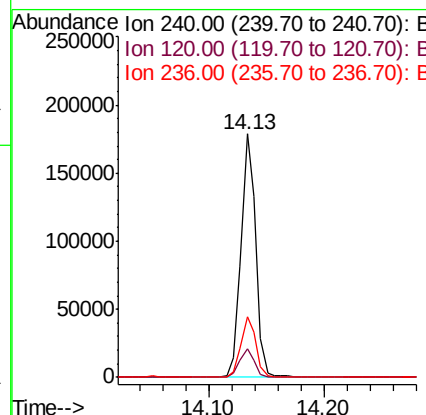
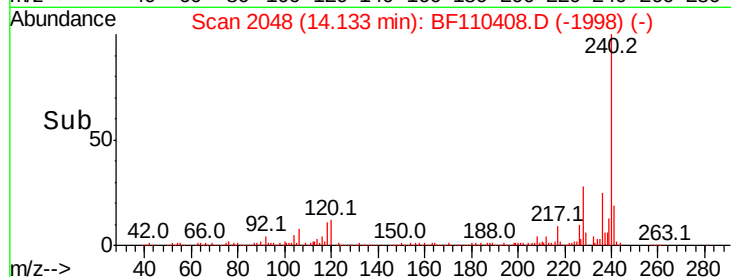
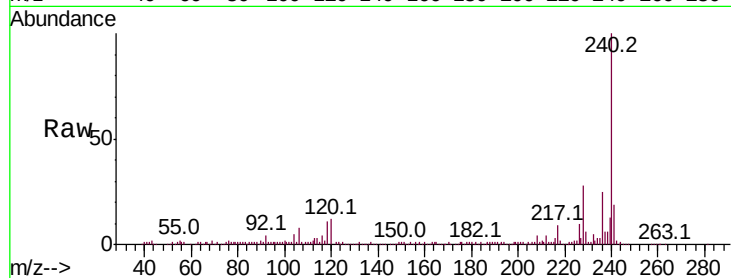
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.9	8.3	12.5
236	24.9	21.2	31.8

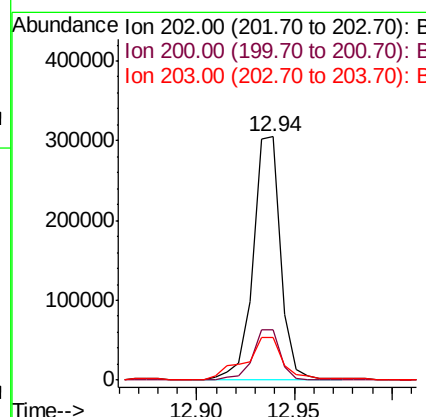
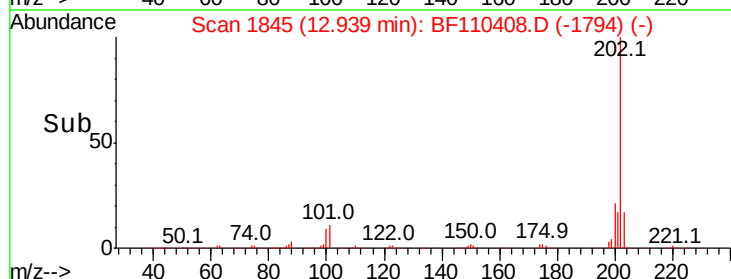
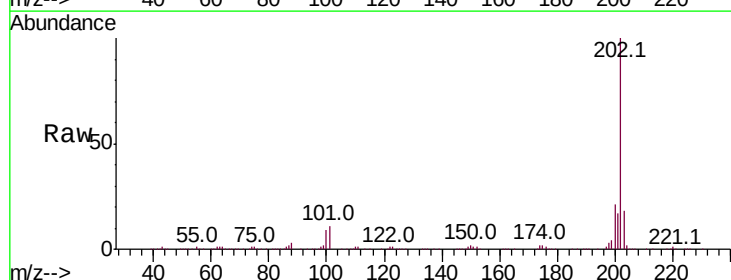
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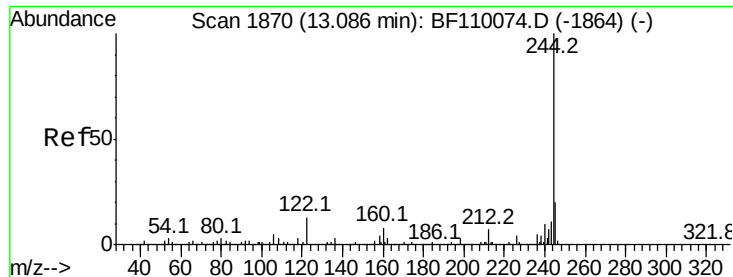
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#78
Pyrene
Concen: 26.390 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	17.8	26.6
203	17.7	14.2	21.4





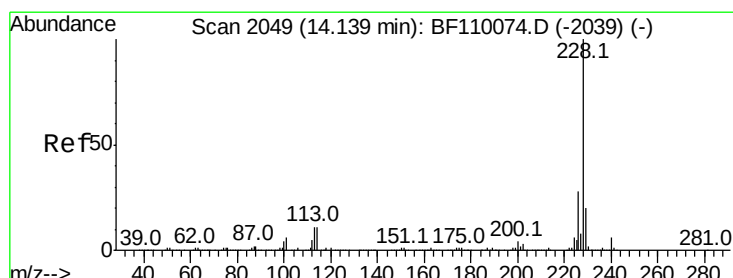
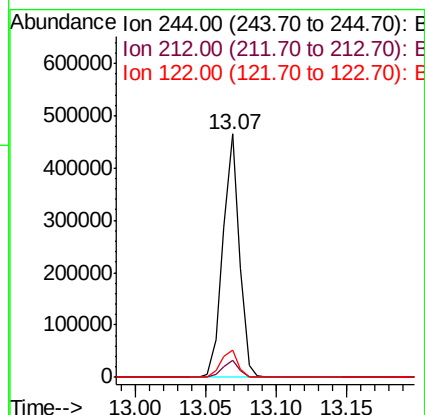
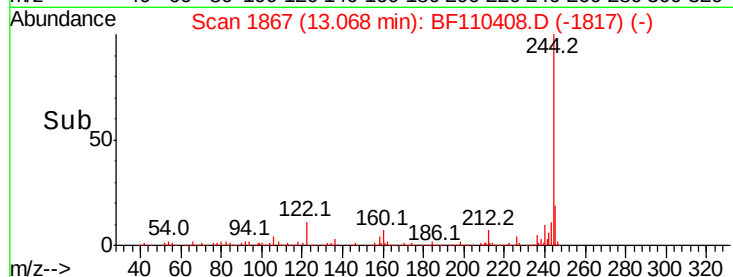
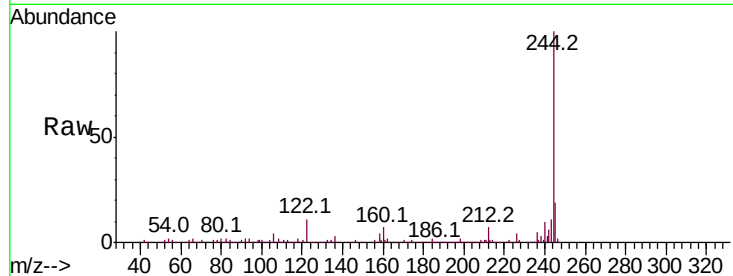
#79
 Terphenyl-d14
 Concen: 49.889 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110408.D
 Acq: 2 Nov 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:	244	Resp:	378211
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.2	8.7	13.1

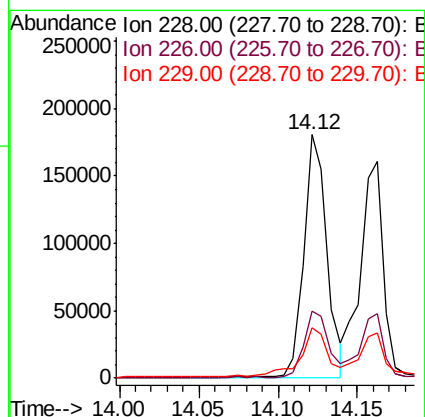
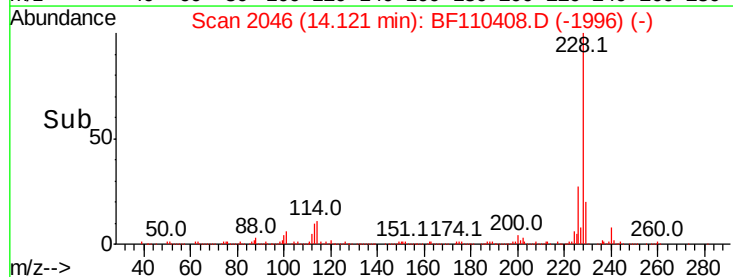
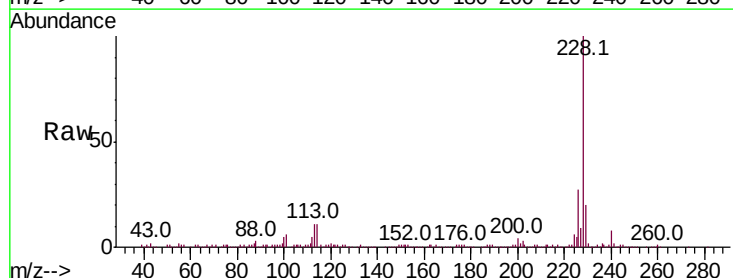
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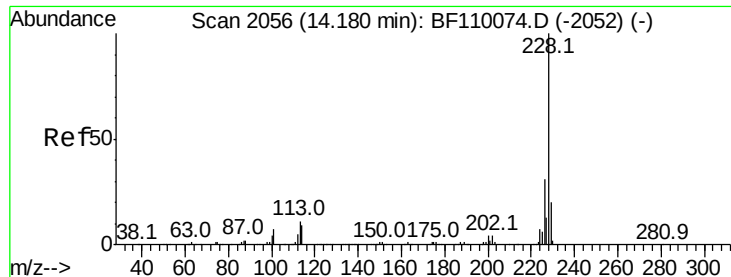
Sohil
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#81
 Benzo(a)anthracene
 Concen: 19.473 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF110408.D
 Acq: 2 Nov 2018 13:29

Tgt Ion:	228	Resp:	182074
Ion Ratio		Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.5	15.6	23.4





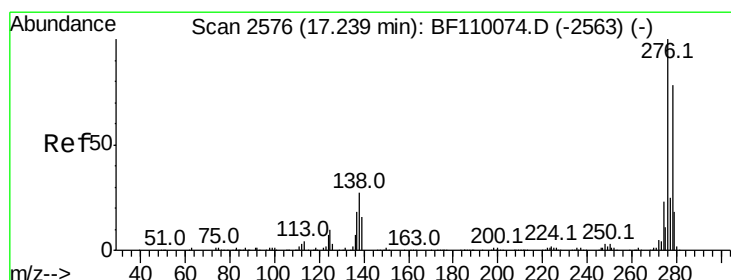
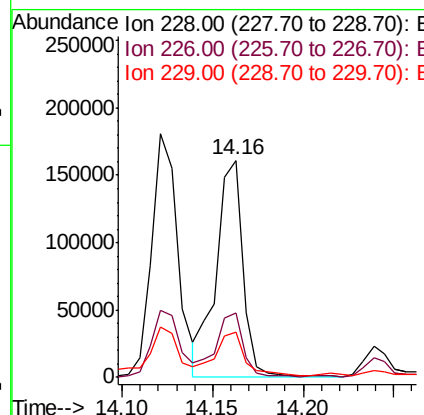
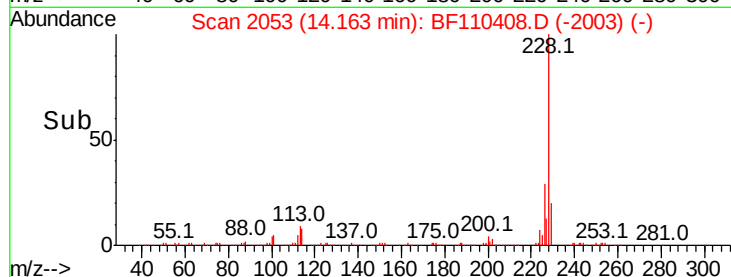
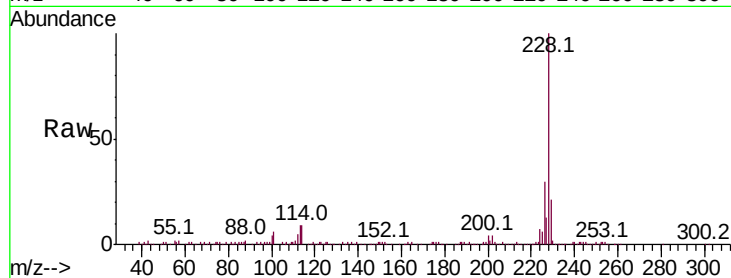
#83
Chrysene
Concen: 18.409 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	21.0	15.9	23.9

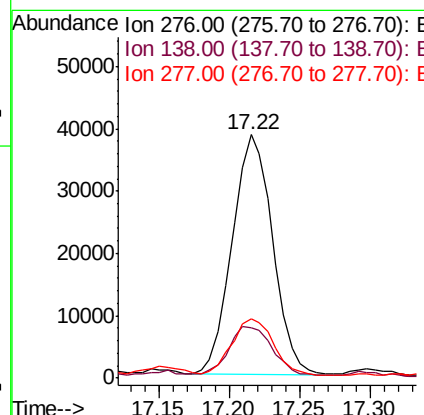
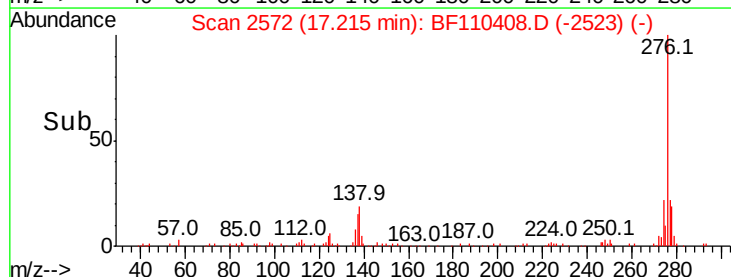
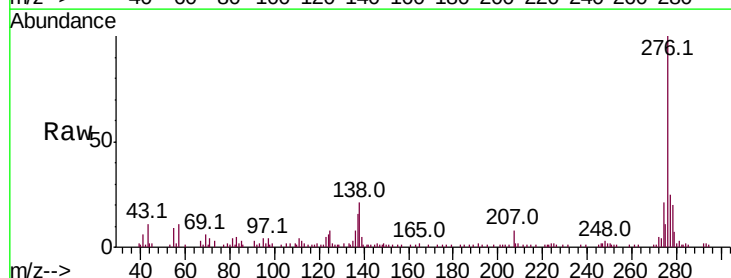
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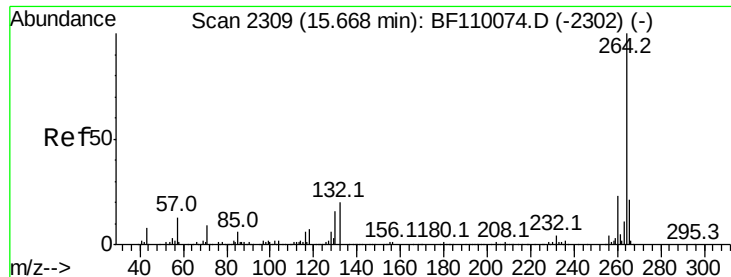
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#86
Indeno(1,2,3-cd)pyrene
Concen: 10.503 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.5	27.7
277	24.1	20.0	30.0





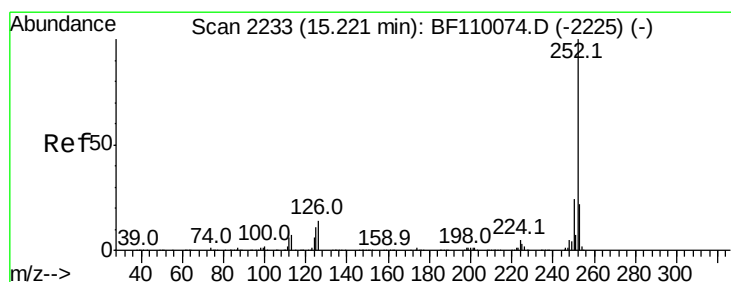
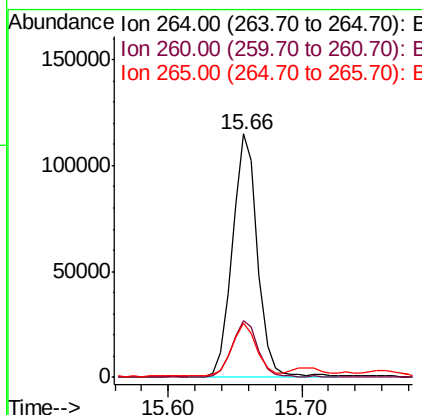
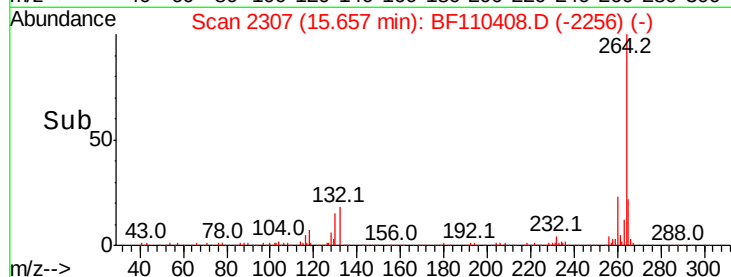
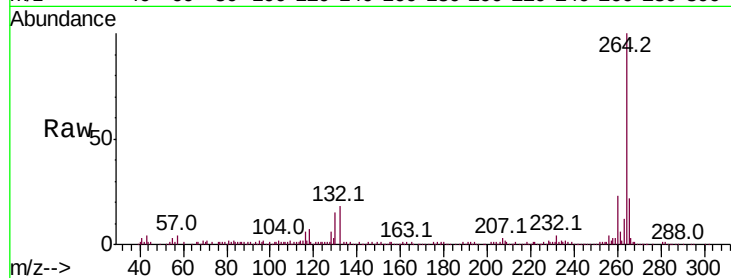
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
264	100	151699		
260	23.1		18.7	28.1
265	22.4		16.7	25.1

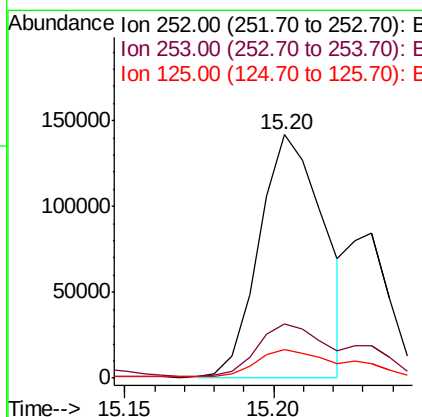
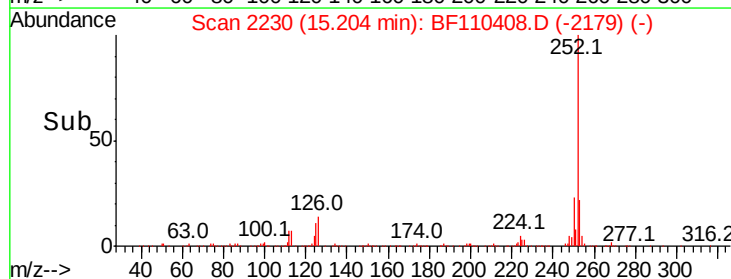
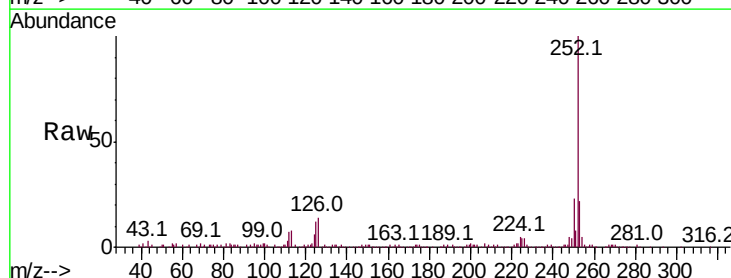
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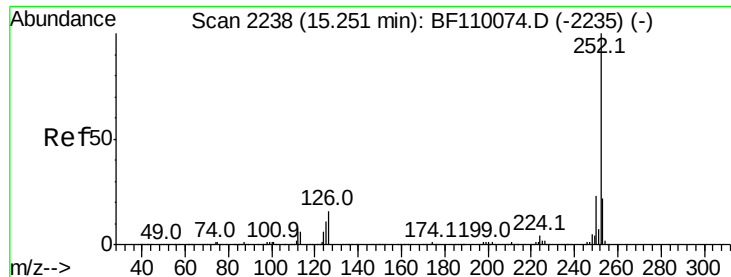
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#88
Benzo(b)fluoranthene
Concen: 24.463 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110408.D
Acq: 2 Nov 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	214299		
253	22.3		17.2	25.8
125	11.8		8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 9.554 ng m

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF110408.D

Acq: 2 Nov 2018 13:29

Instrument :

BNA_F

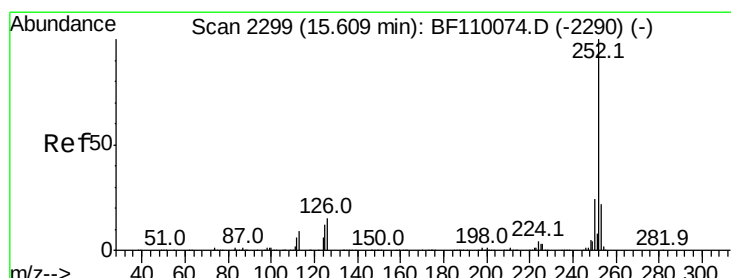
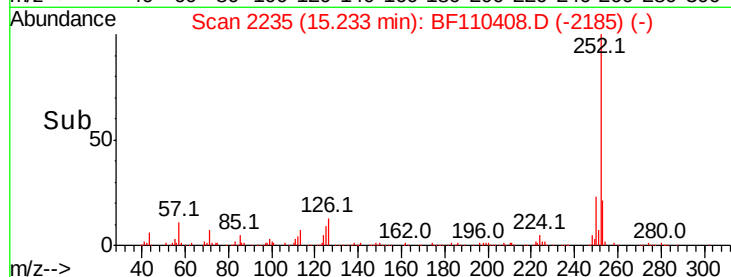
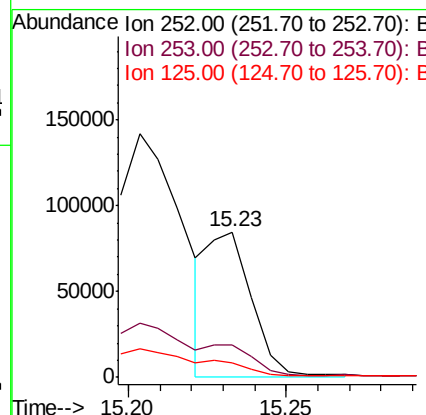
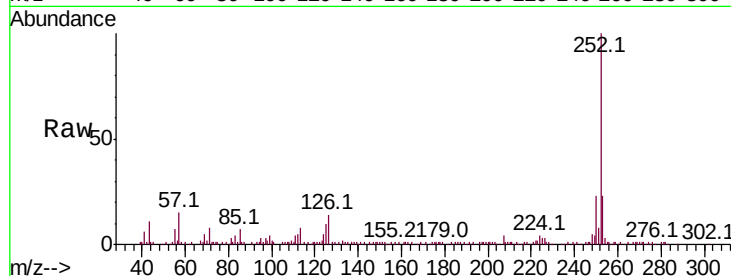
ClientSampled :

TP-3

Tot Ion:	252	Resp:	82280
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	10.2	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 20.909 ng

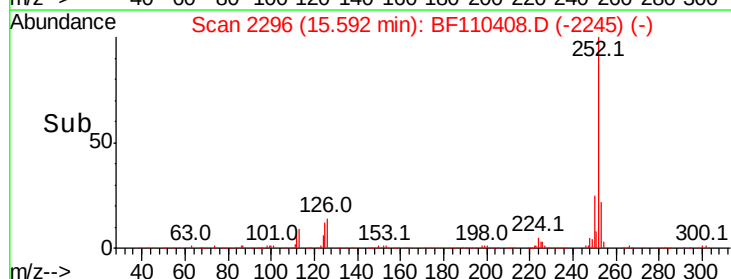
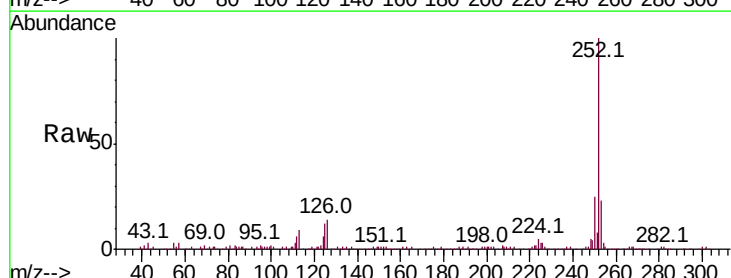
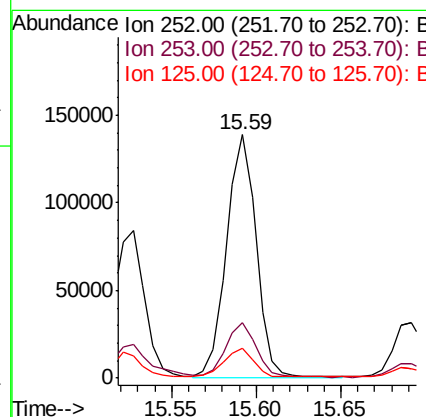
RT: 15.59 min Scan# 2296

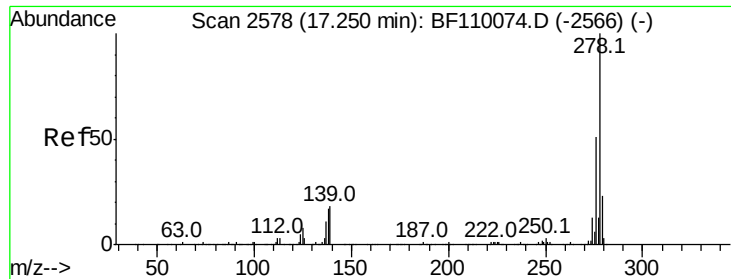
Delta R.T. 0.00 min

Lab File: BF110408.D

Acq: 2 Nov 2018 13:29

Tgt Ion:	252	Resp:	168543
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.4
125	12.1	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 3.074 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.02 min

Lab File: BF110408.D

Acq: 2 Nov 2018 13:29

Instrument :

BNA_F

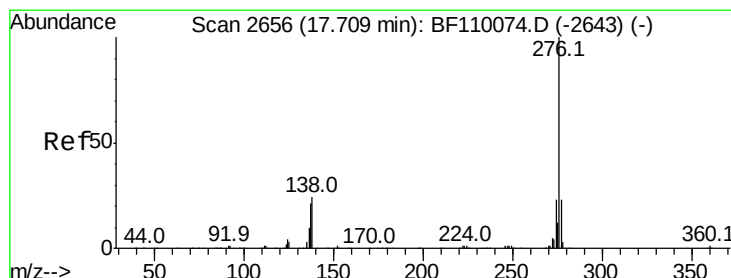
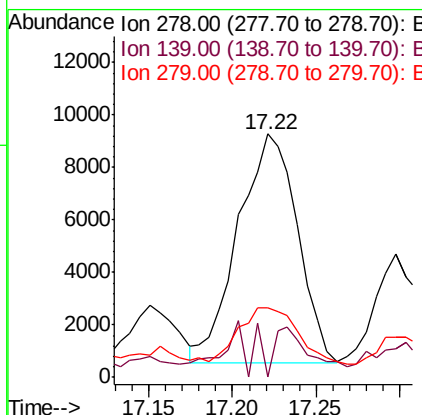
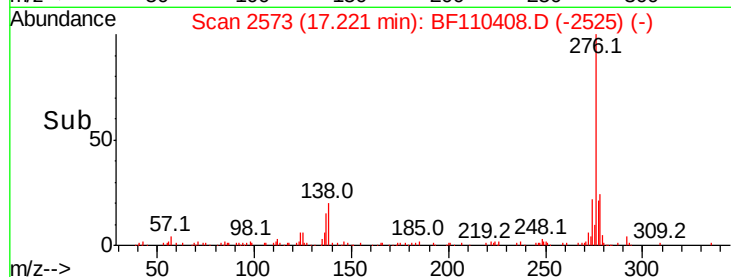
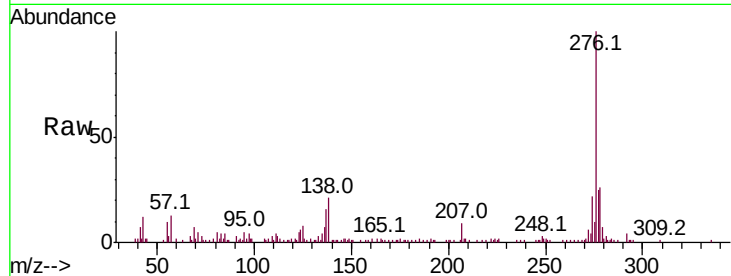
ClientSampled :

TP-3

Tot Ion:	278	Resp:	21379
Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	28.6	19.0	28.4#

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#92

Benzo(g,h,i)perylene

Concen: 10.339 ng

RT: 17.70 min Scan# 2654

Delta R.T. -0.01 min

Lab File: BF110408.D

Acq: 2 Nov 2018 13:29

Tgt Ion:	276	Resp:	70858
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	21.2	16.0	24.0

