

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110419.D
 Acq On : 2 Nov 2018 18:38
 Operator : JU/SJ
 Sample : J5759-13 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
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Sohil
 11/5/2018 10:32:44 AM

Quant Time: Nov 03 00:09:34 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	93674	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	406977	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	179147	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	285352	20.00	ng	0.00
76) Chrysene-d12	14.13	240	175523	20.00	ng	0.00
87) Perylene-d12	15.66	264	169169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	4351	0.76	ng	0.00
7) Phenol-d6	6.57	99	41184	5.60	ng	0.00
23) Nitrobenzene-d5	7.52	82	42963	6.26	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.31	172	93273	8.18	ng	0.00
79) Terphenyl-d14	13.06	244	60878	7.21	ng	-0.01
Target Compounds						
71) Phenanthrene	11.51	178	264284	17.700	ng	99
72) Anthracene	11.56	178	62329	4.165	ng	97
75) Fluoranthene	12.70	202	250409	16.525	ng	98
78) Pyrene	12.93	202	202669	16.106	ng	97
81) Benzo(a)anthracene	14.12	228	90629	8.707	ng	99
83) Chrysene	14.16	228	77238	7.813	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	34181	4.168	ng	99
88) Benzo(b)fluoranthene	15.20	252	95182m	9.743	ng	
89) Benzo(k)fluoranthene	15.23	252	29296m	3.050	ng	
90) Benzo(a)pyrene	15.59	252	65416	7.277	ng	98
92) Benzo(g,h,i)perylene	17.69	276	29272	3.830	ng	# 93

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

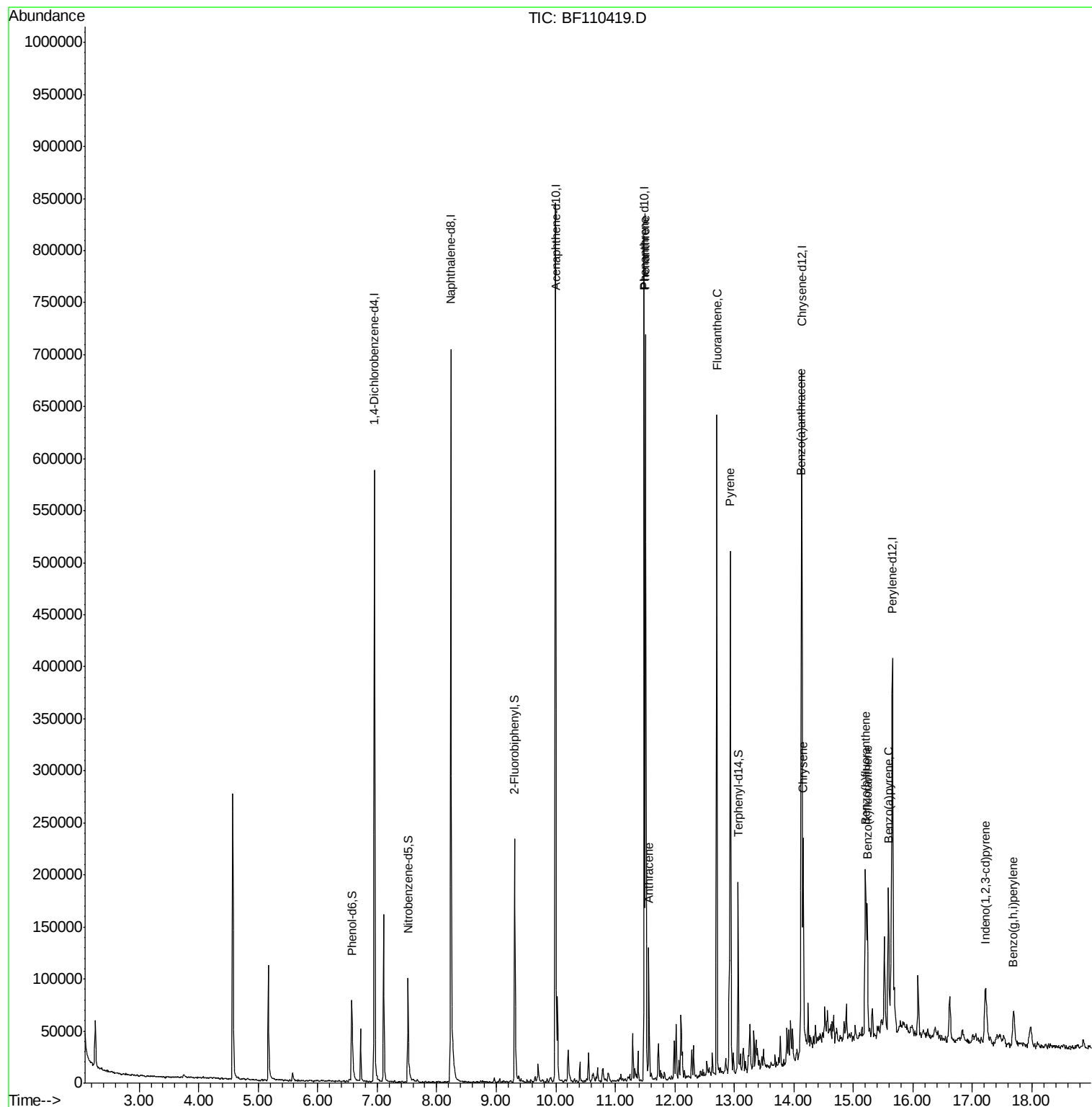
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110419.D
Acq On : 2 Nov 2018 18:38
Operator : JU/SJ
Sample : J5759-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-4

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#1

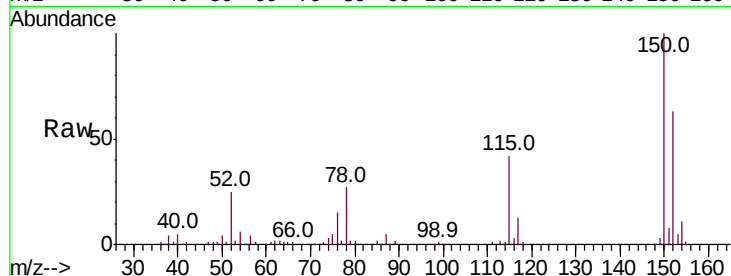
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	66.8	49.1	73.7

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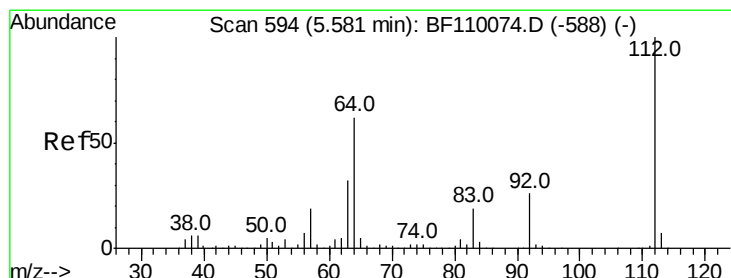
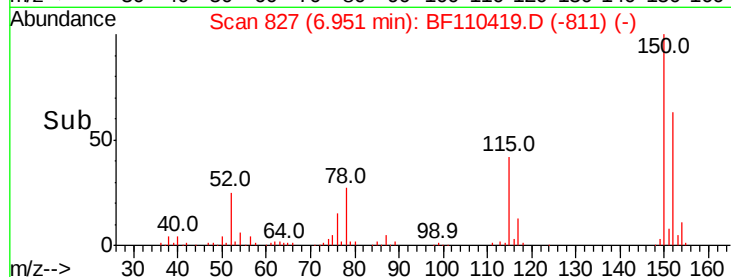
Abundance

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

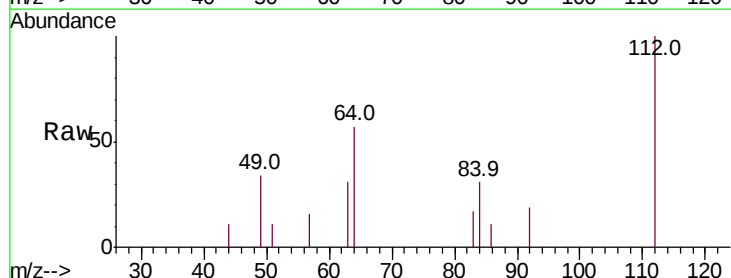
Time-->



#5

2-Fluorophenol
Concen: 0.756 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.1	66.1
63	30.8	23.7	35.5



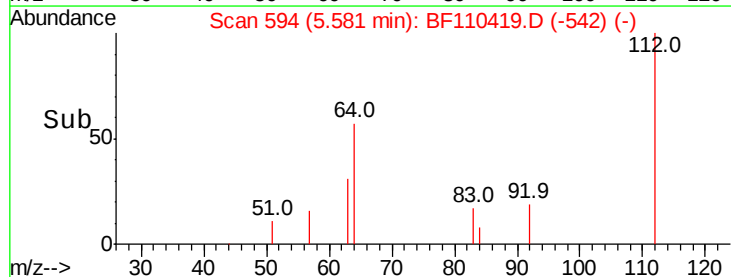
Abundance

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

Time-->





#7

Phenol-d6

Concen: 5.597 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110419.D

Acq: 2 Nov 2018 18:38

Instrument :

BNA_F

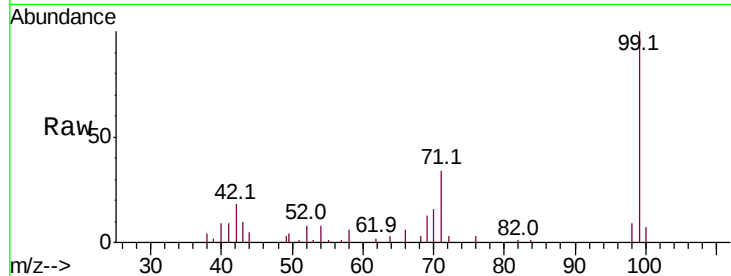
ClientSampled :

TP-4

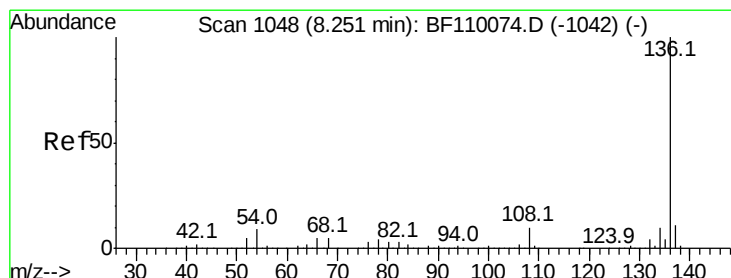
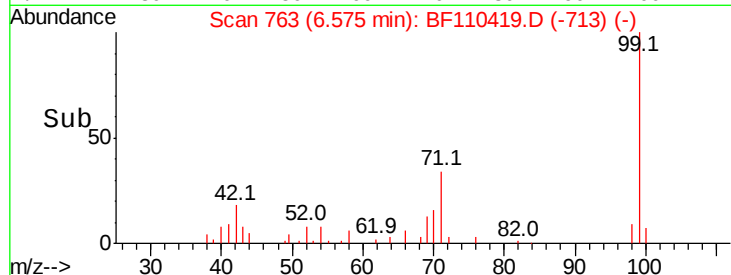
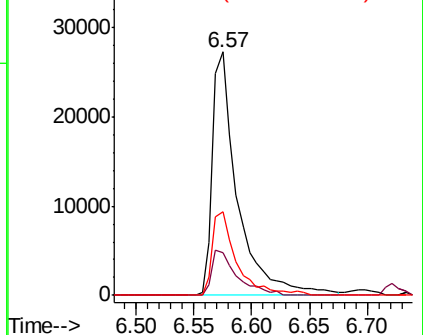
Tot Ion:	99	Resp:	41184
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.8	23.6
71	34.1	28.0	42.0

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

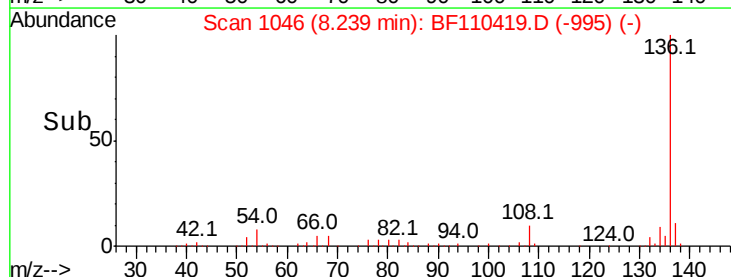
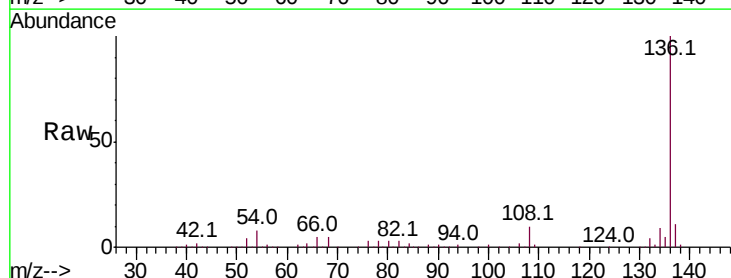
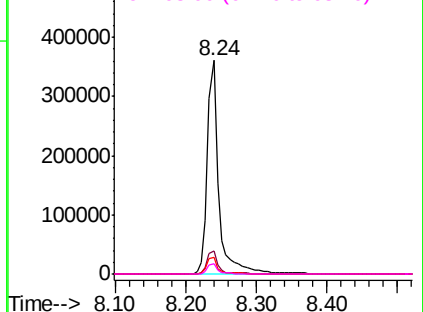
Delta R.T. 0.00 min

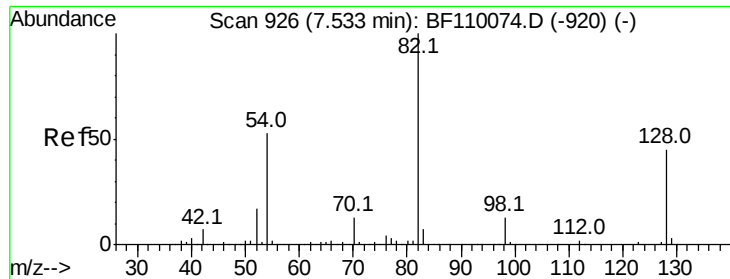
Lab File: BF110419.D

Acq: 2 Nov 2018 18:38

Tgt Ion:	136	Resp:	406977
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	5.4	8.2
68	4.7	4.2	6.2

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





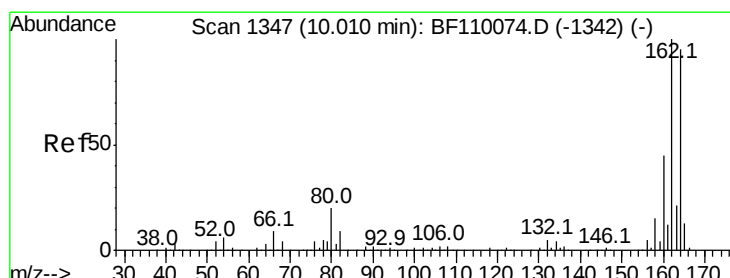
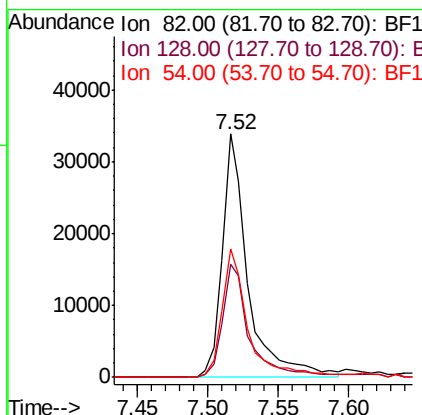
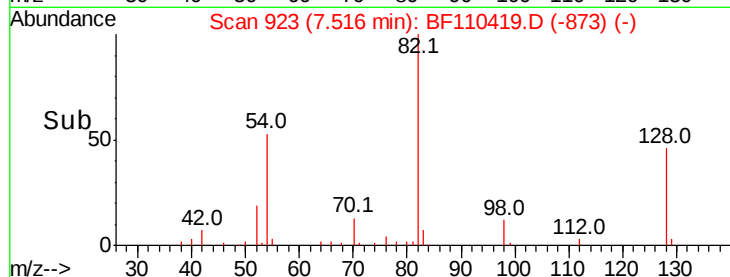
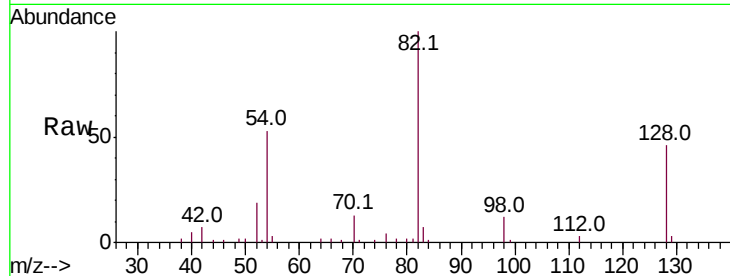
#23
Nitrobenzene-d5
Concen: 6.261 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	52.8	38.6	58.0

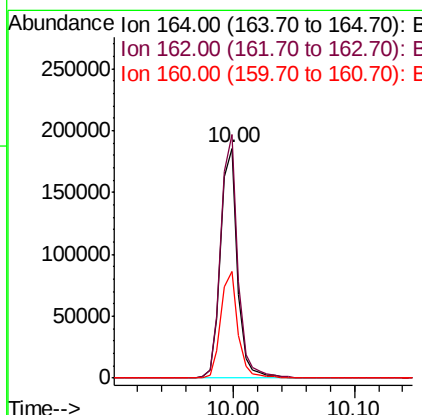
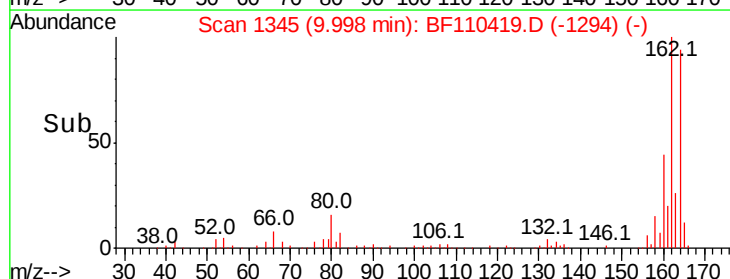
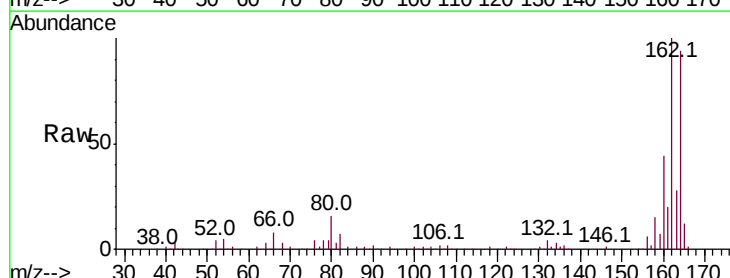
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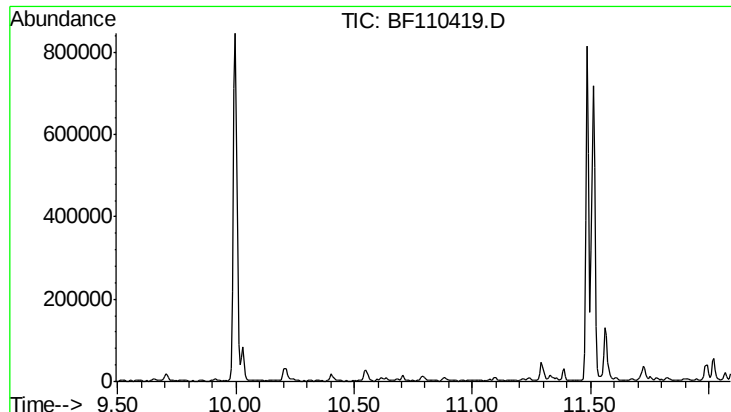
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.6
160	46.4	37.0	55.6





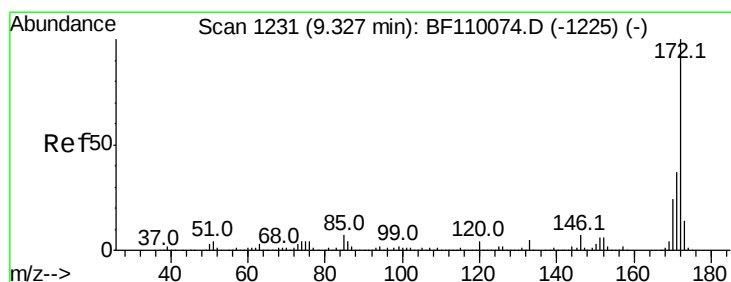
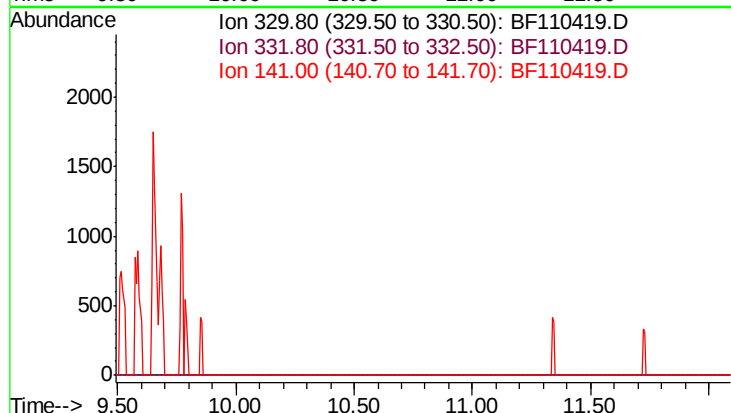
#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.79 min
 Lab File: BF110419.D
 Acq: 2 Nov 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.4
 141 33.7

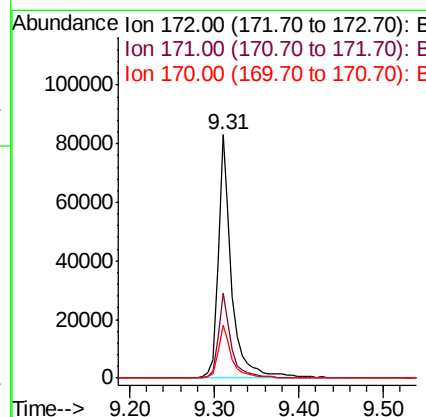
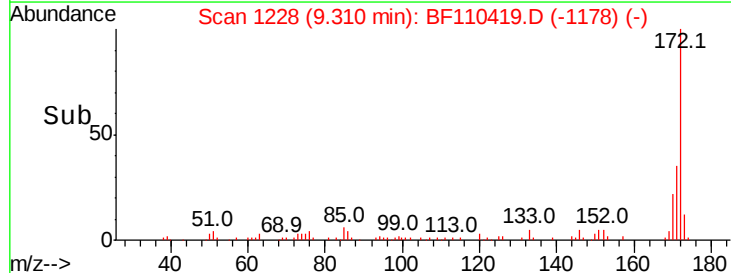
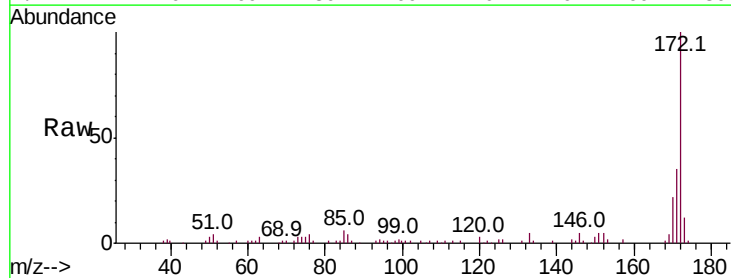
Manual Integrations
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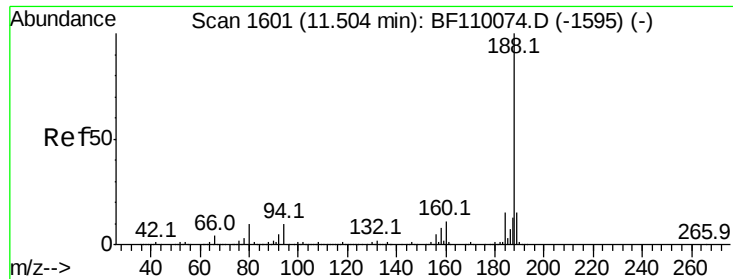
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#45
 2-Fluorobiphenyl
 Concen: 8.176 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110419.D
 Acq: 2 Nov 2018 18:38

Tgt Ion: 172 Resp: 93273
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 43.0
 170 21.8 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110419.D

Acq: 2 Nov 2018 18:38

Instrument :

BNA_F

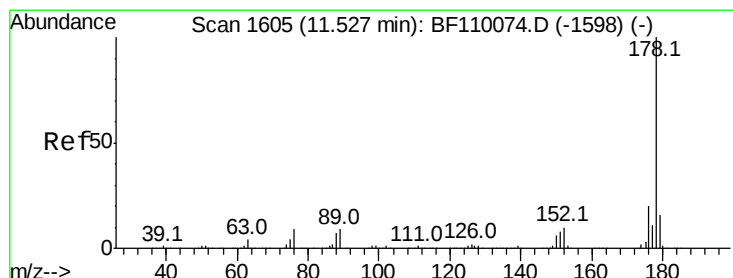
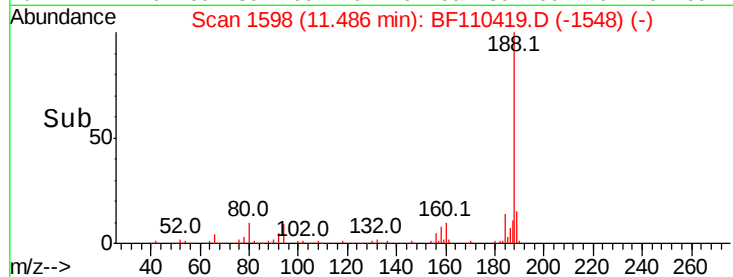
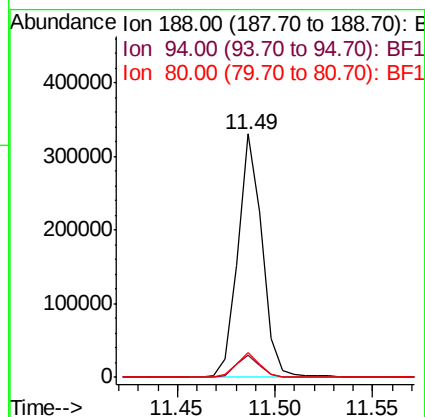
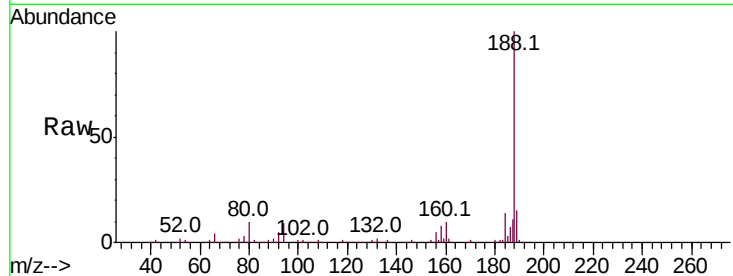
ClientSampleId :

TP-4

Tot Ion:188	Resp: 285352
Ion Ratio	Lower Upper
188 100	
94 9.0	7.2 10.8
80 9.9	7.9 11.9

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#71

Phenanthrene

Concen: 17.700 ng

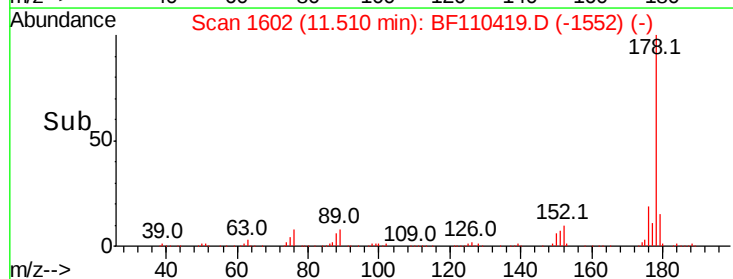
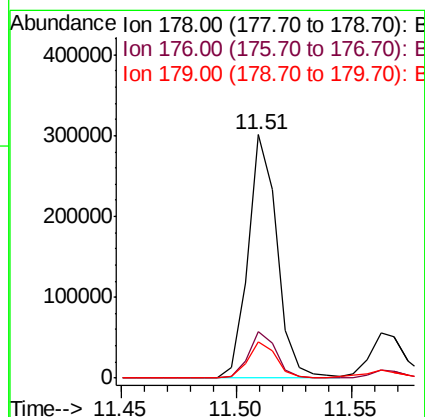
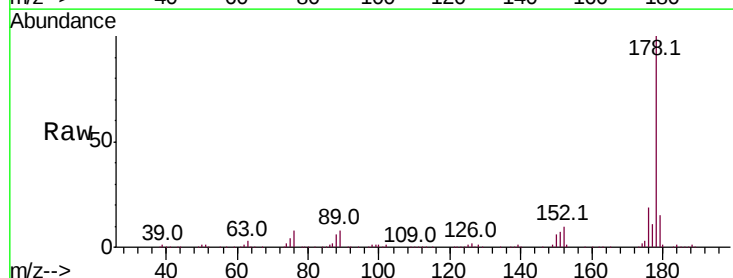
RT: 11.51 min Scan# 1602

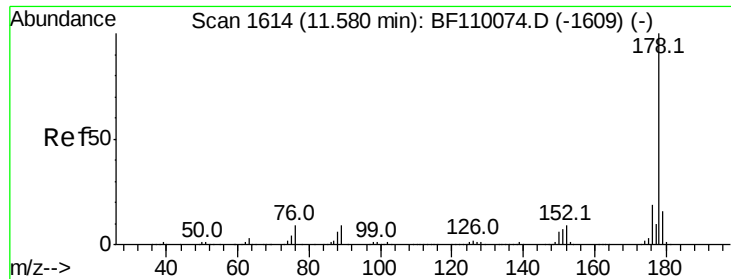
Delta R.T. -0.01 min

Lab File: BF110419.D

Acq: 2 Nov 2018 18:38

Tgt Ion:178	Resp: 264284
Ion Ratio	Lower Upper
178 100	
176 19.3	15.5 23.3
179 14.7	12.5 18.7





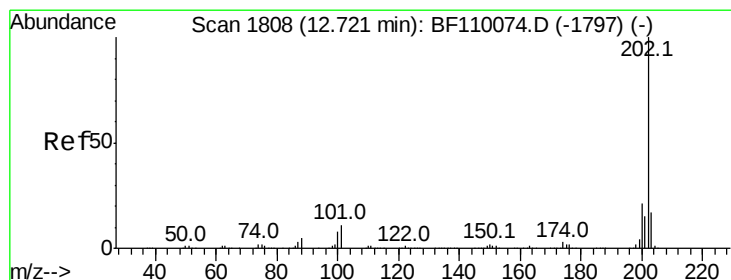
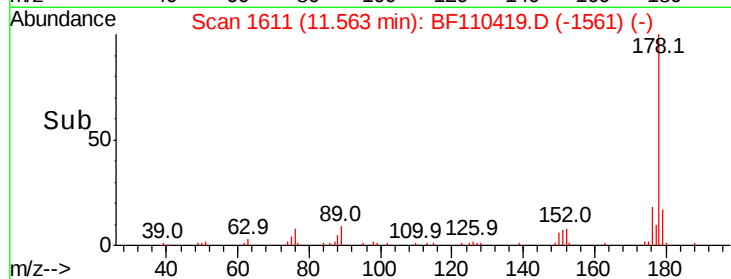
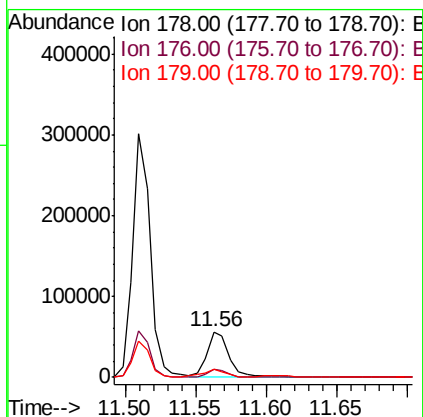
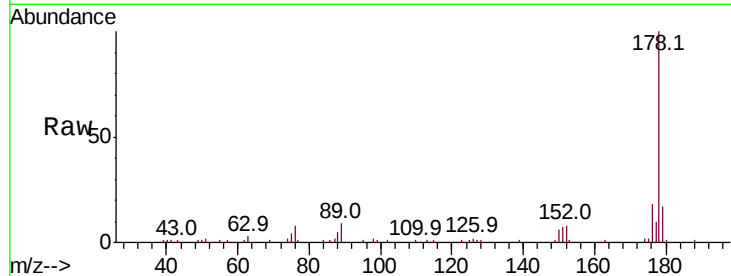
#72
 Anthracene
 Concen: 4.165 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF110419.D
 Acq: 2 Nov 2018 18:38

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.8	12.6	18.8

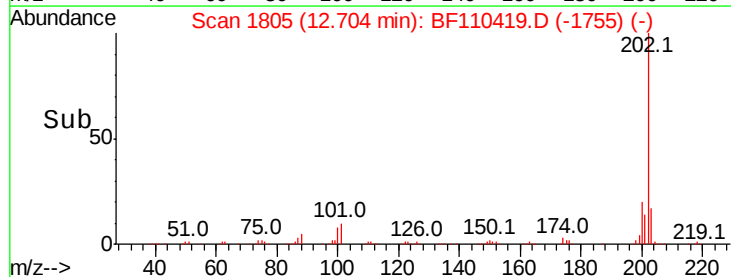
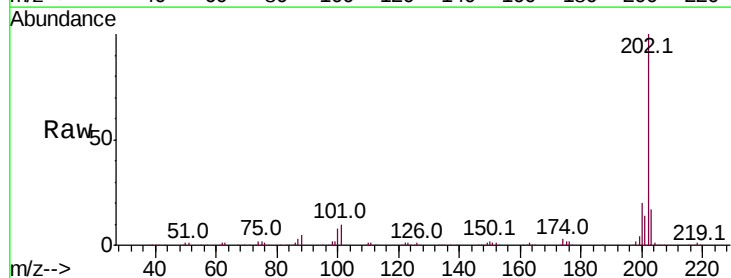
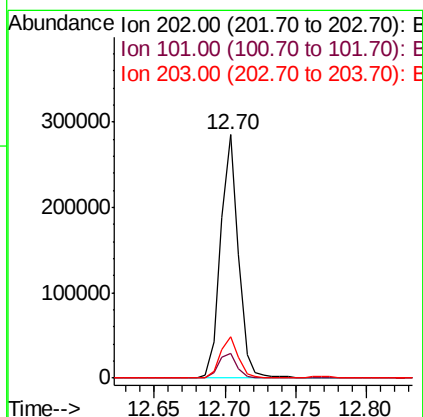
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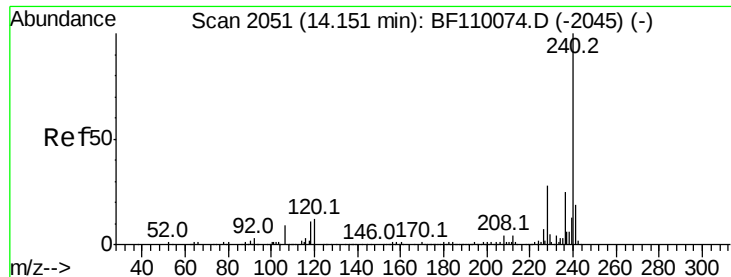
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#75
 Fluoranthene
 Concen: 16.525 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110419.D
 Acq: 2 Nov 2018 18:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	16.9	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: BF110419.D

Acq: 2 Nov 2018 18:38

Instrument :

BNA_F

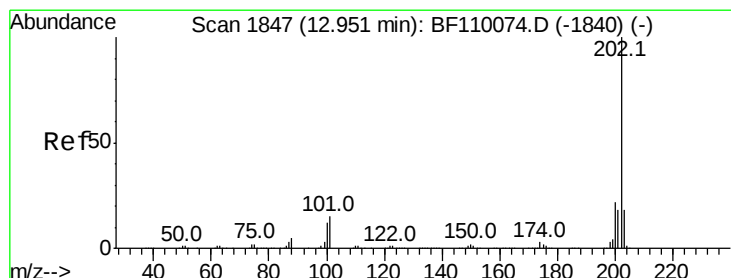
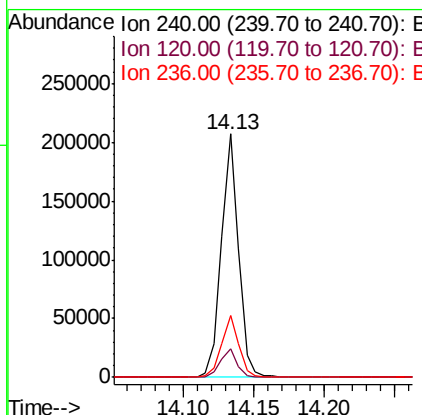
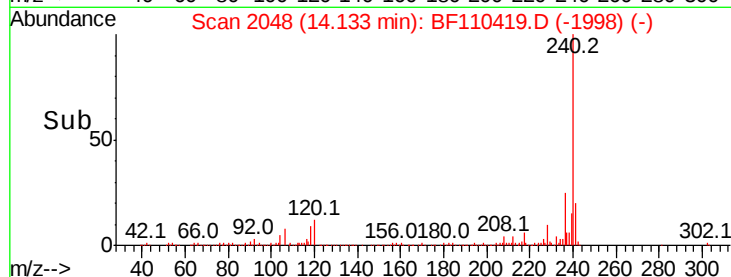
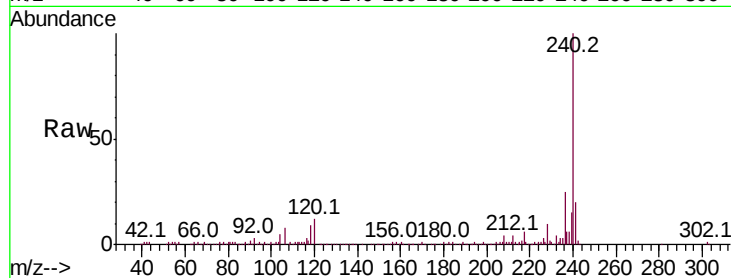
ClientSampled :

TP-4

Tot Ion:	240	Resp:	175523
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.3	12.5
236	25.3	21.2	31.8

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#78

Pyrene

Concen: 16.106 ng

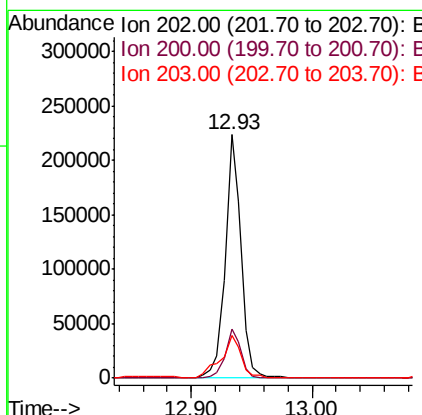
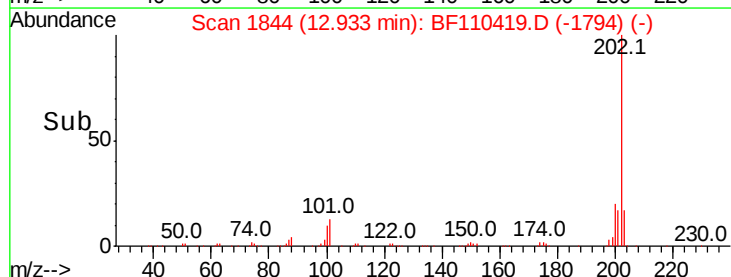
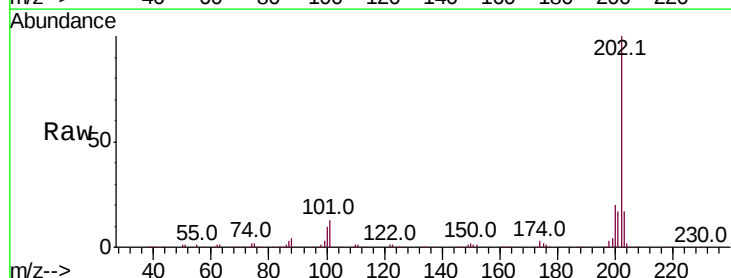
RT: 12.93 min Scan# 1844

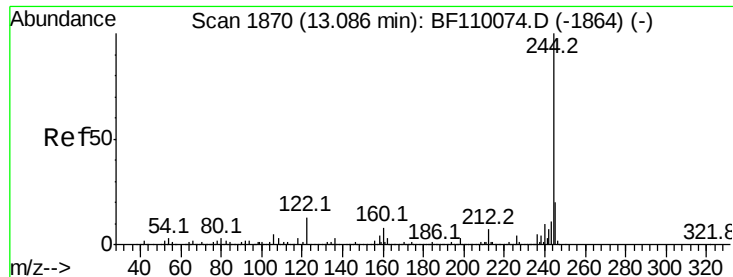
Delta R.T. -0.01 min

Lab File: BF110419.D

Acq: 2 Nov 2018 18:38

Tgt Ion:	202	Resp:	202669
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.8	26.6
203	17.4	14.2	21.4





#79

Terphenyl-d14

Concen: 7.213 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110419.D

Acq: 2 Nov 2018 18:38

Instrument :

BNA_F

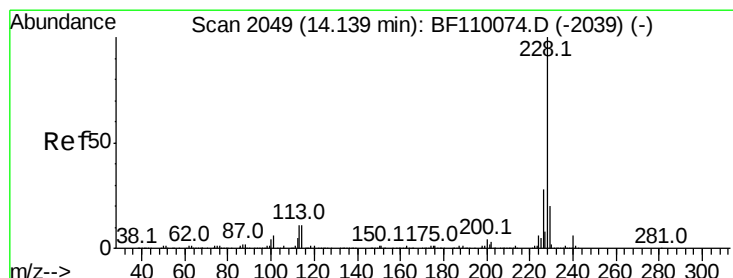
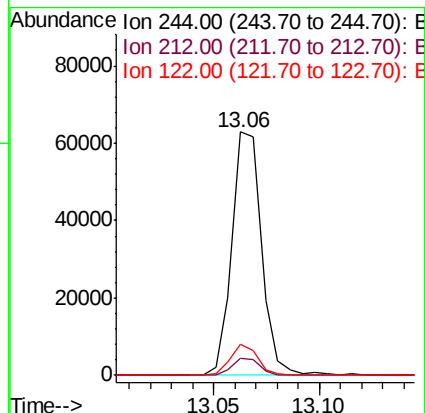
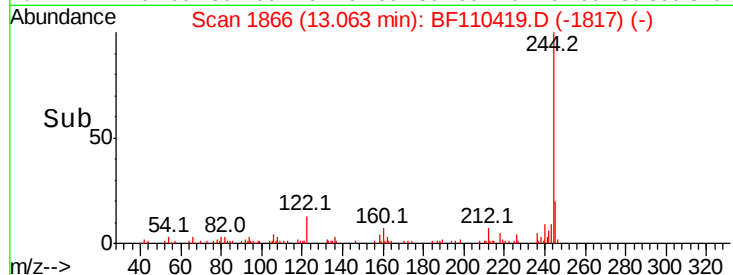
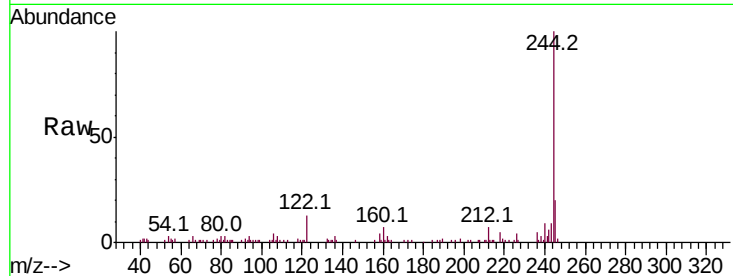
ClientSampleId :

TP-4

Tot Ion:	244	Resp:	60878
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.7	8.7	13.1

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#81

Benzo(a)anthracene

Concen: 8.707 ng

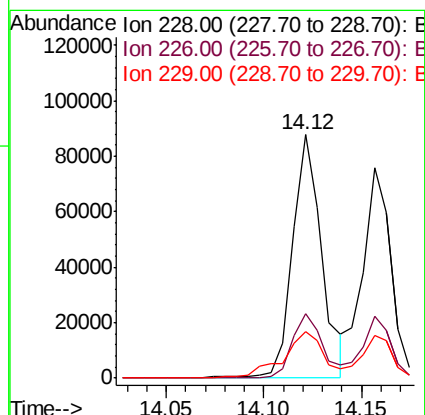
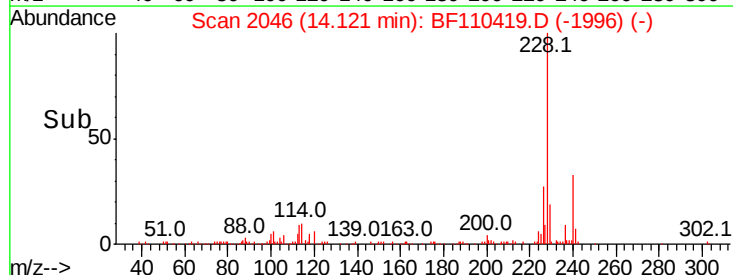
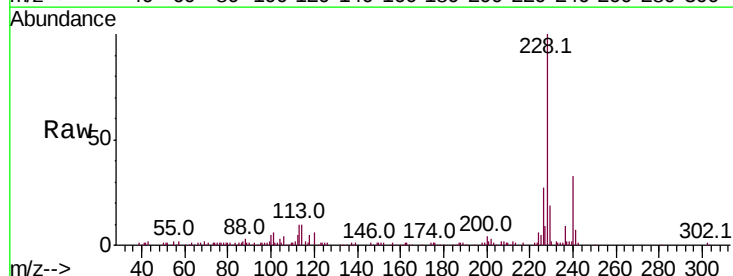
RT: 14.12 min Scan# 2046

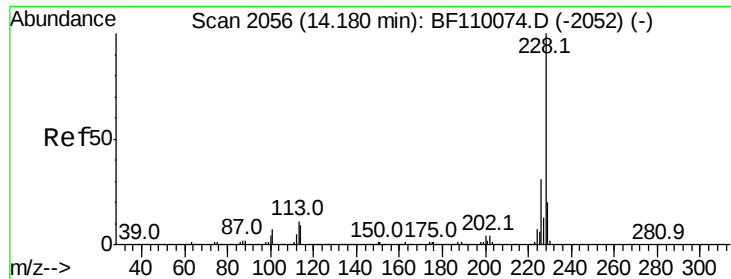
Delta R.T. -0.01 min

Lab File: BF110419.D

Acq: 2 Nov 2018 18:38

Tgt Ion:	228	Resp:	90629
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.1	33.1
229	19.3	15.6	23.4





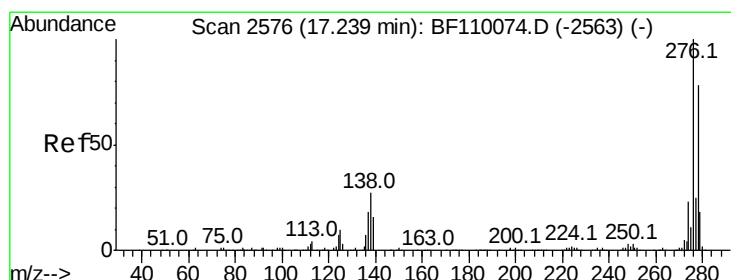
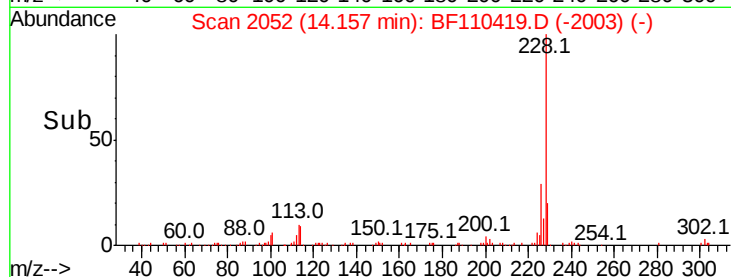
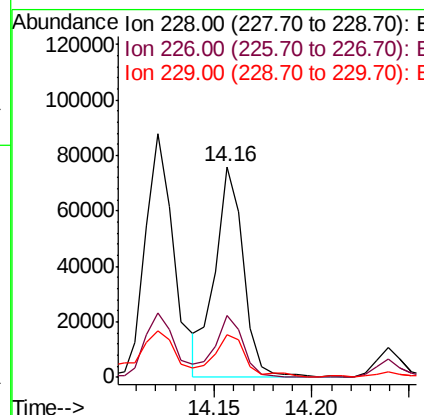
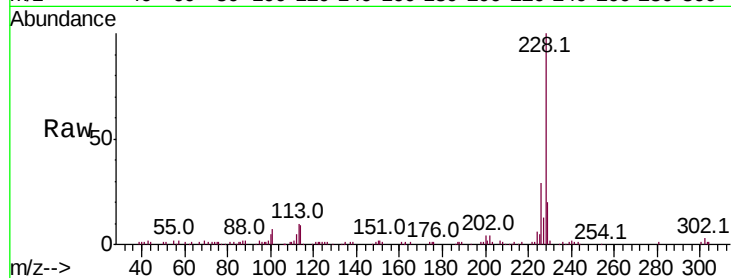
#83
Chrysene
Concen: 7.813 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	20.4	15.9	23.9

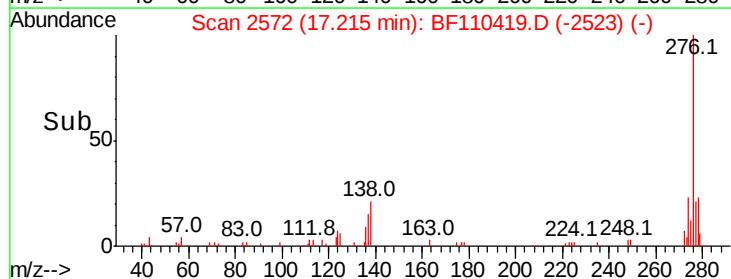
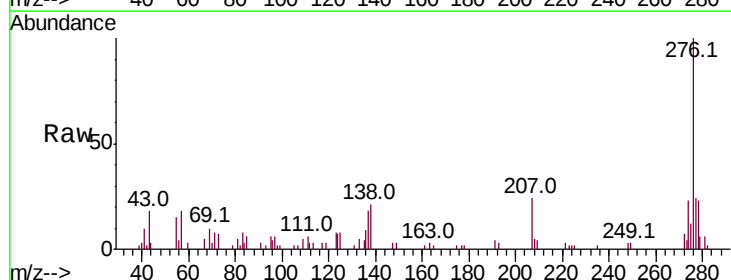
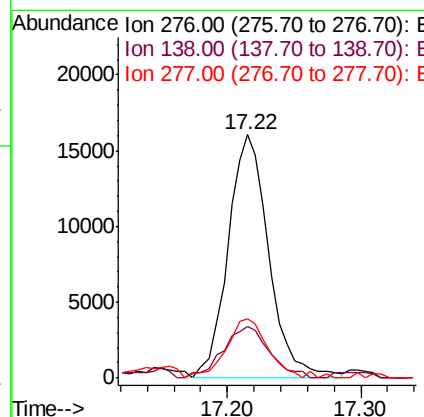
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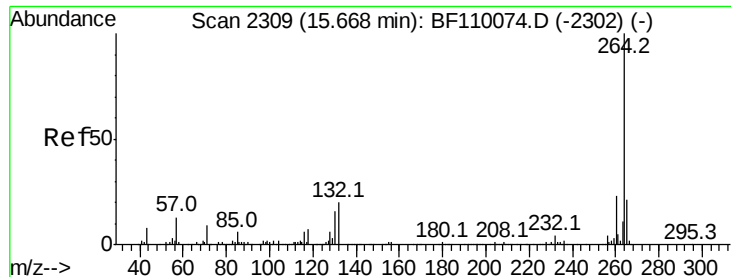
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.168 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.5	27.7
277	24.6	20.0	30.0





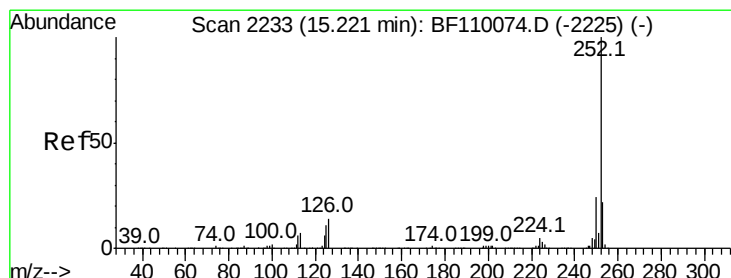
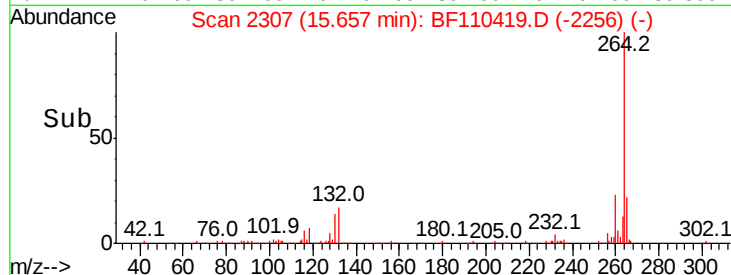
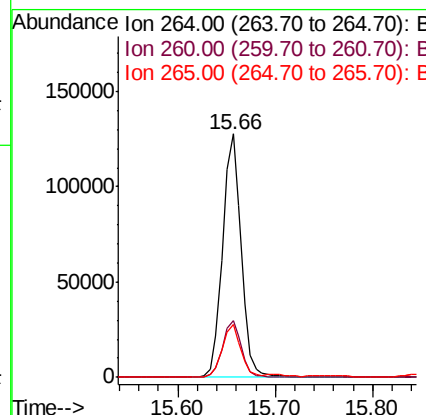
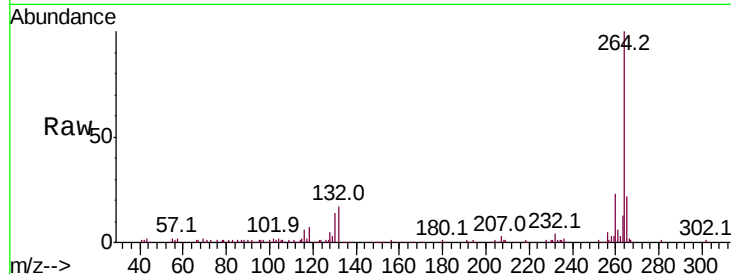
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Resp	Lower	Upper
264	100	169169		
260	23.2		18.7	28.1
265	21.5		16.7	25.1

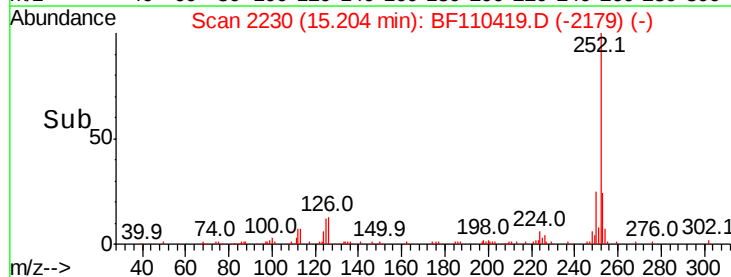
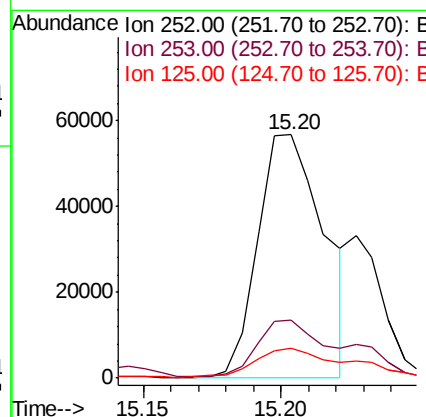
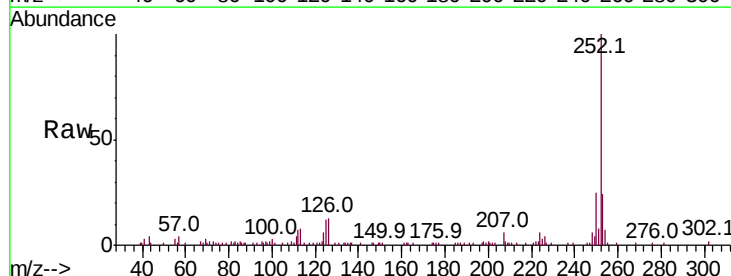
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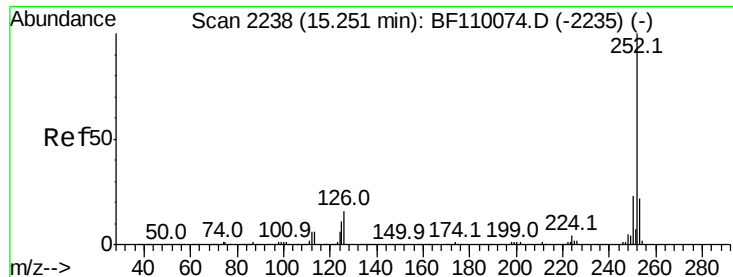
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#88
Benzo(b)fluoranthene
Concen: 9.743 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	95182		
253	23.7		17.2	25.8
125	12.3		8.2	12.4





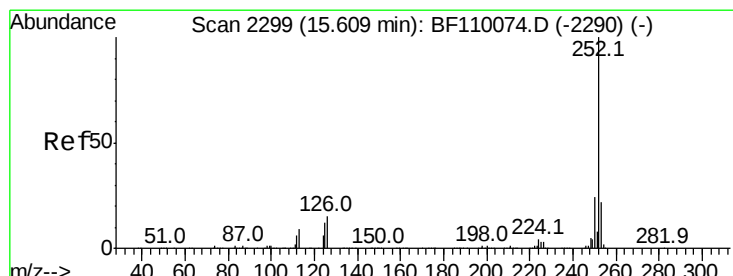
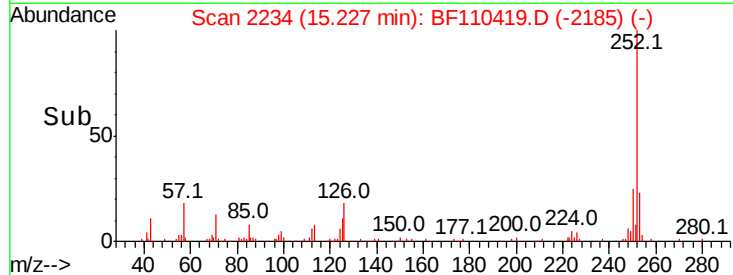
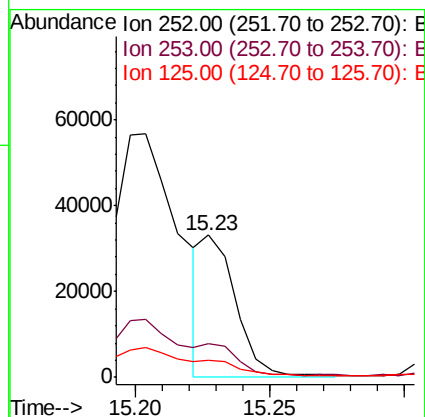
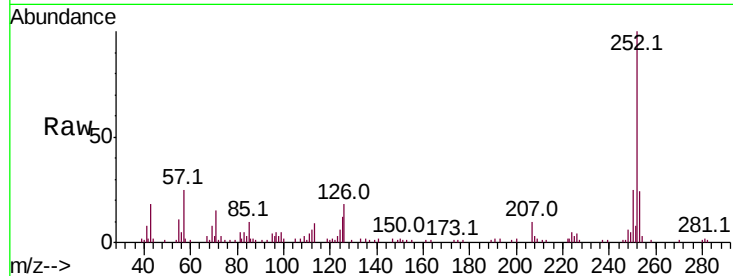
#89
Benzo(k)fluoranthene
Concen: 3.050 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	12.1	7.4	11.0

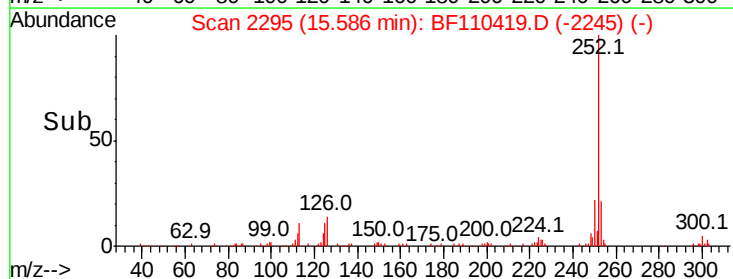
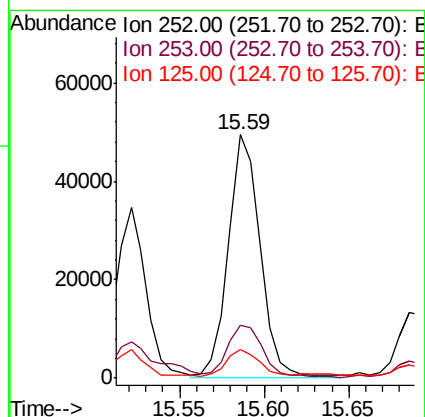
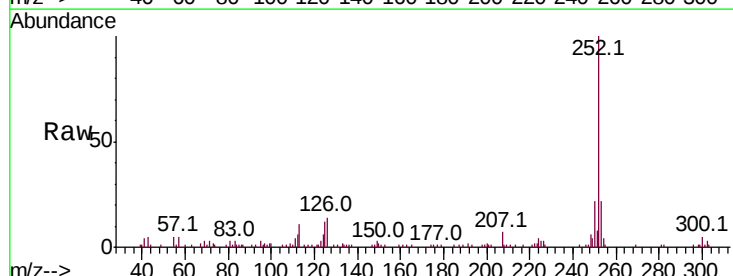
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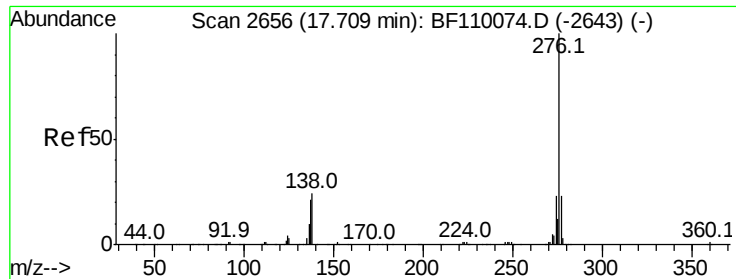
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#90
Benzo(a)pyrene
Concen: 7.277 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110419.D
Acq: 2 Nov 2018 18:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.8	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.830 ng
 RT: 17.69 min Scan# 2653
 Delta R.T. -0.01 min
 Lab File: BF110419.D
 Acq: 2 Nov 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.8	28.2
138	24.5	16.0	24.0

Manual Integrations
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