

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108895.D
 Acq On : 10 Sep 2018 16:16
 Operator : JU/SJ
 Sample : J4777-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-B

Manual Integrations
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Sohil
 9/11/2018 9:26:16 AM

Quant Time: Sep 10 18:56:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	198035	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	716696	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	305114	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	504060	20.00	ng	0.00
75) Chrysene-d12	13.88	240	511814	20.00	ng	0.01
86) Perylene-d12	15.29	264	418288	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	209686	17.54	ng	0.00
7) Phenol-d6	6.36	99	267155	17.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	150055	13.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	44440	15.26	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	295793	16.54	ng	0.00
78) Terphenyl-d14	12.82	244	251657	11.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	65133	3.052	ng	99
70) Phenanthrene	11.27	178	239398	9.945	ng	98
71) Anthracene	11.32	178	82145	3.564	ng	99
74) Fluoranthene	12.45	202	460415	19.319	ng	98
77) Pyrene	12.68	202	415900	10.560	ng	100
80) Benzo(a)anthracene	13.87	228	262189	7.992	ng	97
82) Chrysene	13.90	228	252275	7.944	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	93833	3.339	ng	# 91
87) Benzo(b)fluoranthene	14.88	252	290628m	12.778	ng	
88) Benzo(k)fluoranthene	14.91	252	99981m	4.773	ng	
89) Benzo(a)pyrene	15.22	252	192717	9.390	ng	94
91) Benzo(a,h,i)perylene	17.05	276	82889	4.578	ng	93

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

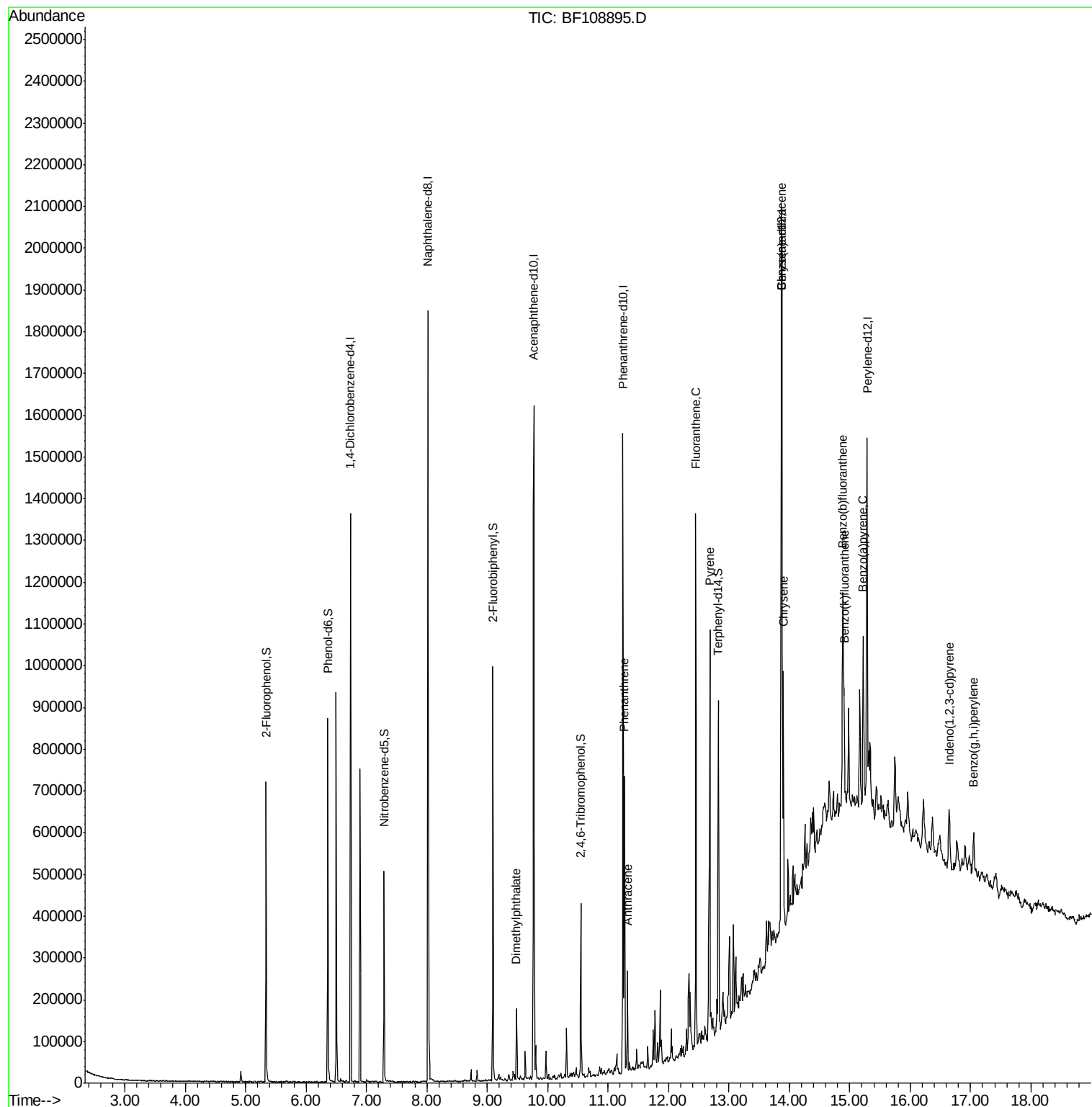
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108895.D
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Sample : J4777-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

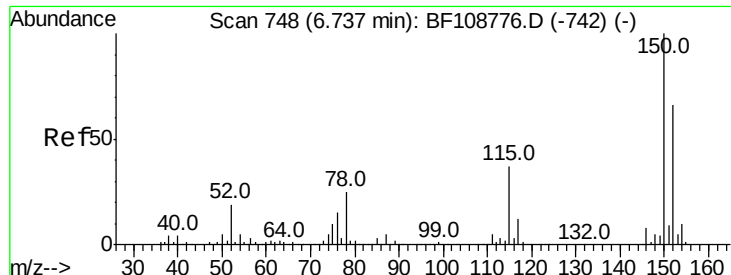
Instrument :
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PL-05-090718-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

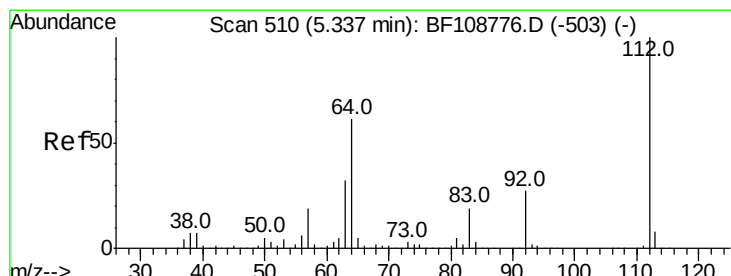
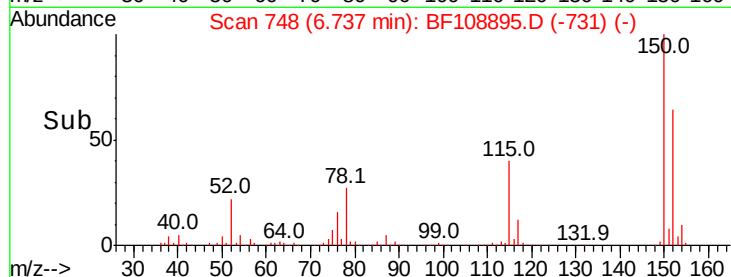
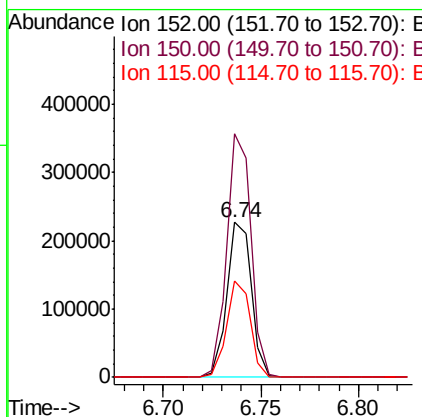
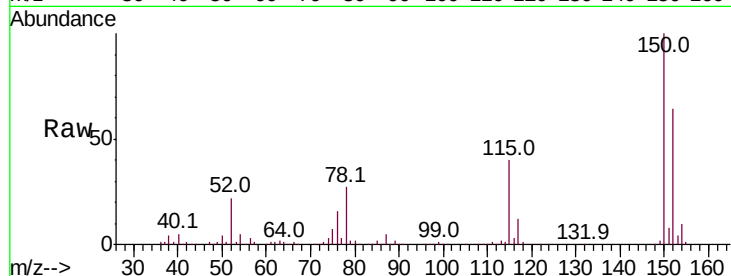
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	62.6	50.1	75.1

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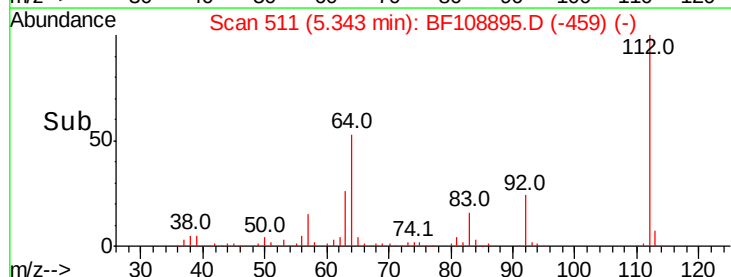
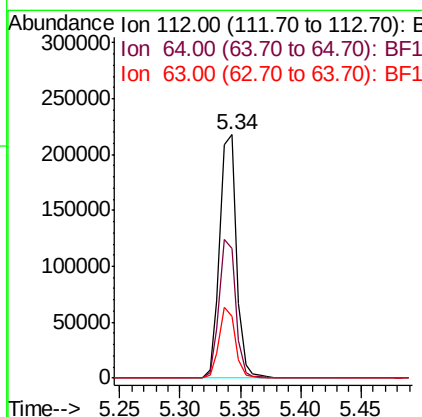
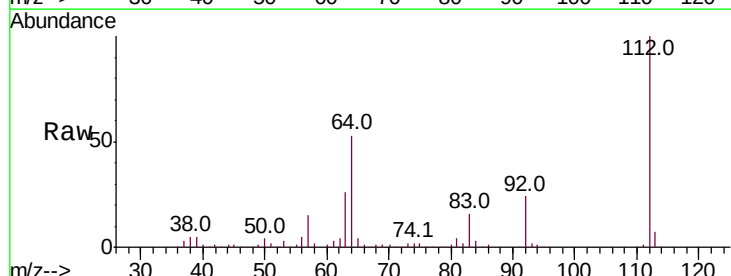
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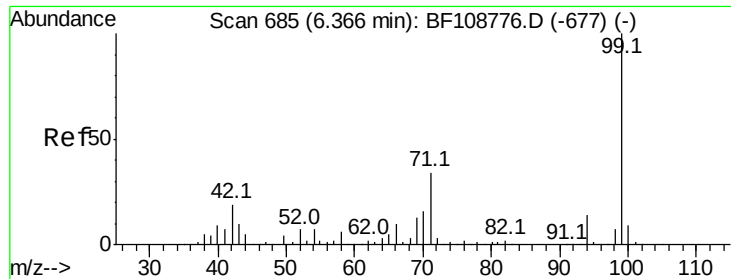


#5

2-Fluorophenol
Concen: 17.541 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	25.5	23.7	35.5





#7

Phenol-d6

Concen: 17.370 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Instrument :

BNA_F

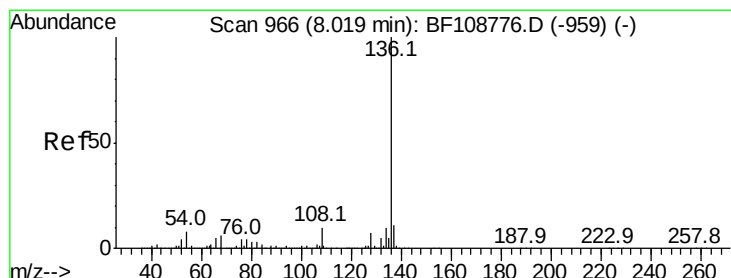
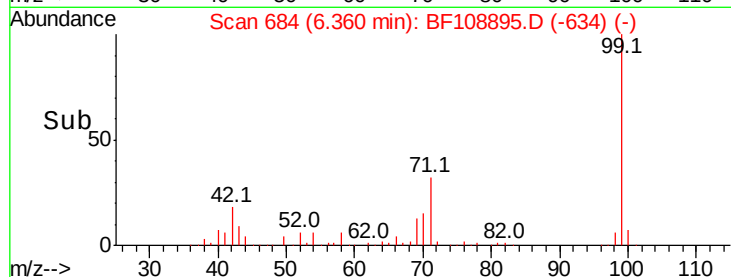
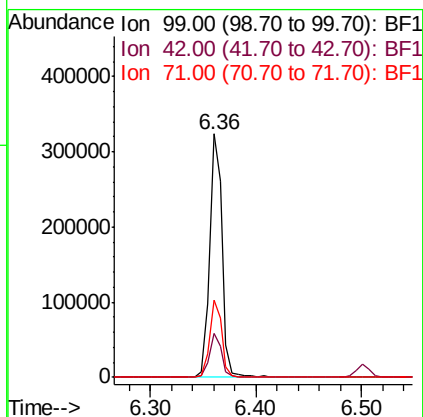
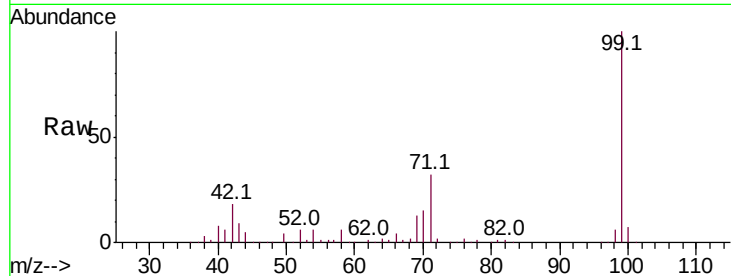
ClientSampleId :

PL-05-090718-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		267155		
42	18.3	14.5	21.7		
71	31.9	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

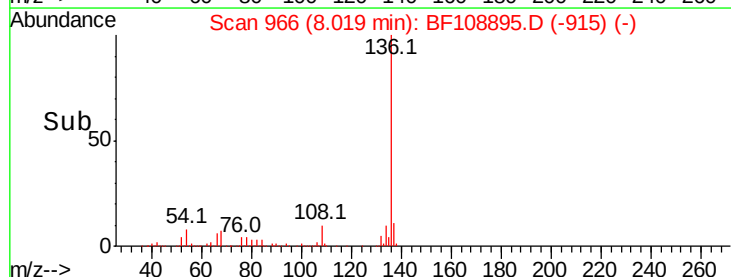
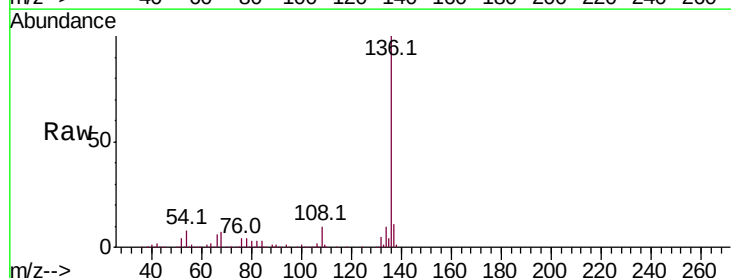
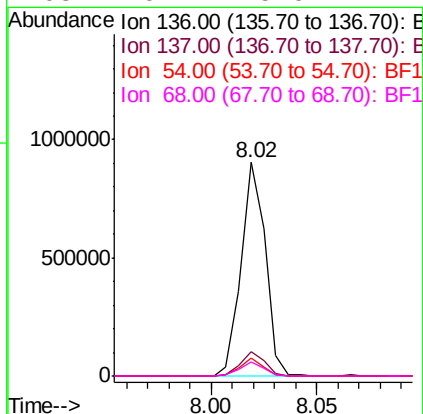
RT: 8.02 min Scan# 966

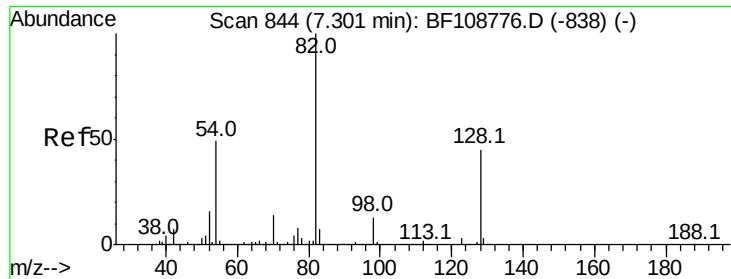
Delta R.T. -0.00 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		716696		
137	11.5	8.9	13.3		
54	8.2	6.6	9.8		
68	6.7	5.0	7.4		





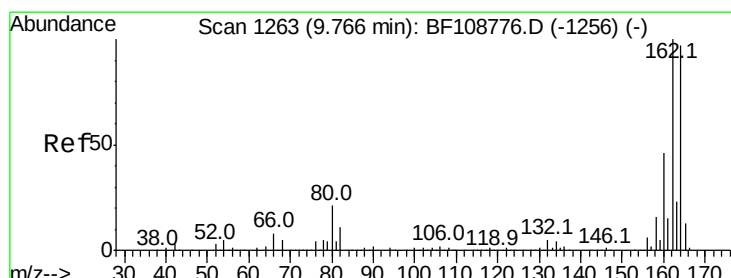
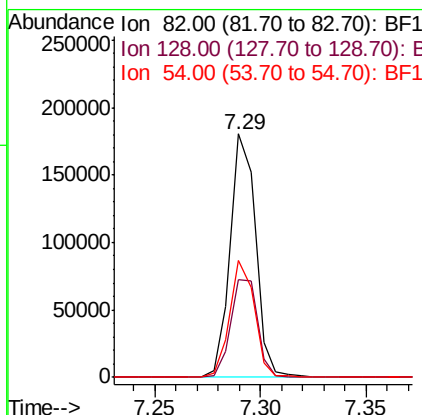
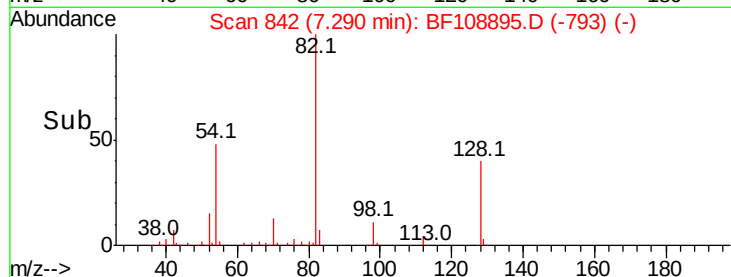
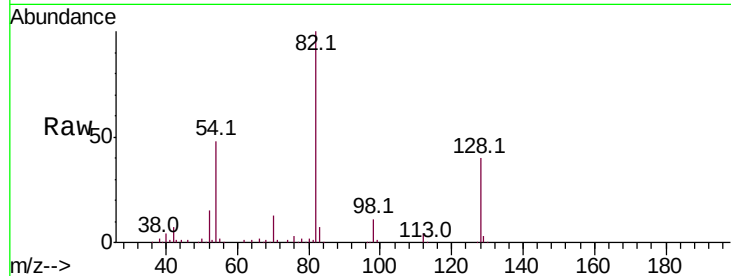
#23
Nitrobenzene-d5
Concen: 13.103 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.0	36.1	54.1	
54	47.9	41.4	62.2	

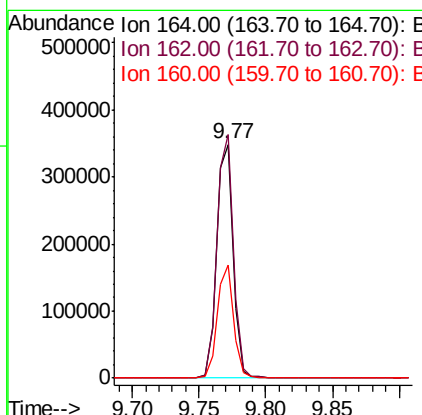
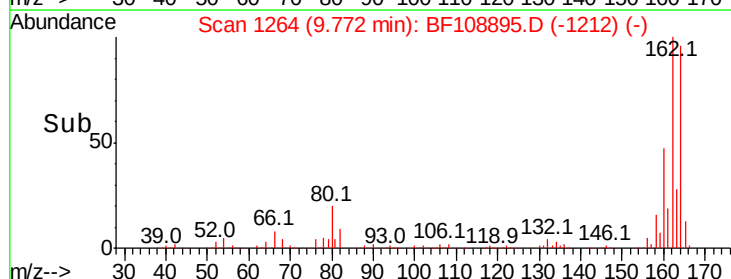
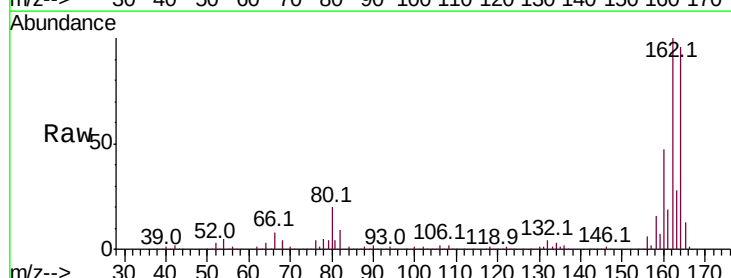
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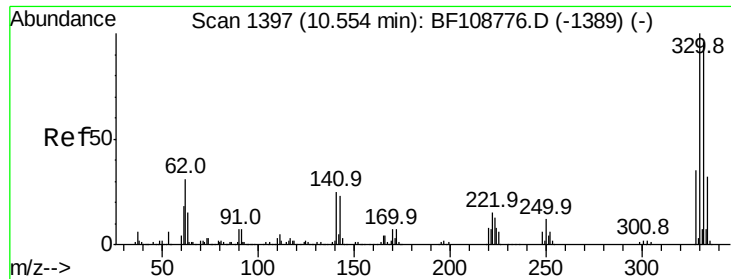
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	86.1	129.1	
160	48.6	38.3	57.5	





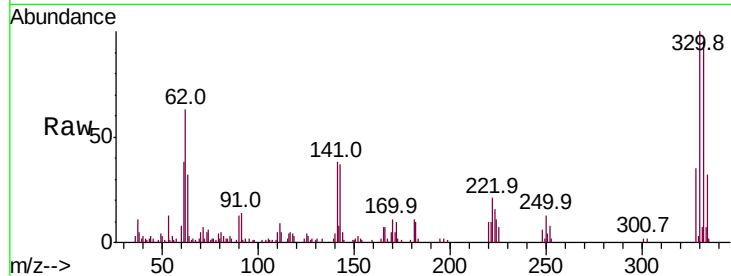
#41
 2,4,6-Tribromophenol
 Concen: 15.257 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108895.D
 Acq: 10 Sep 2018 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.3	29.9	44.9

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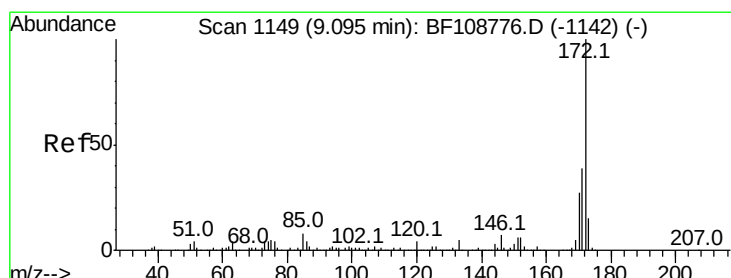
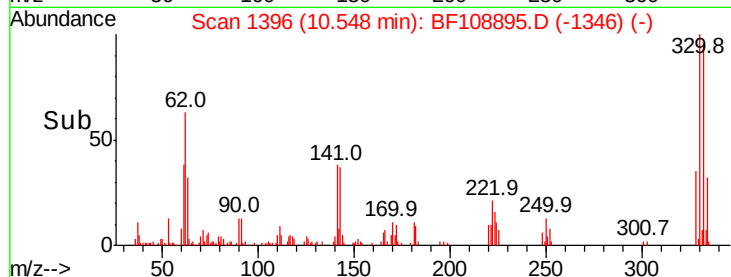
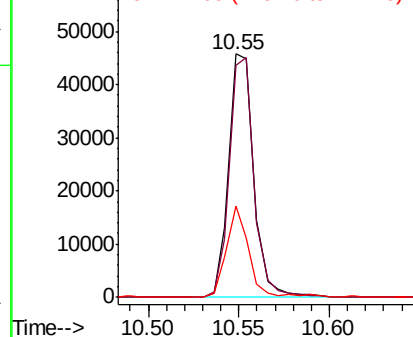


Abundance

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



#44
 2-Fluorobiphenyl
 Concen: 16.539 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108895.D
 Acq: 10 Sep 2018 16:16

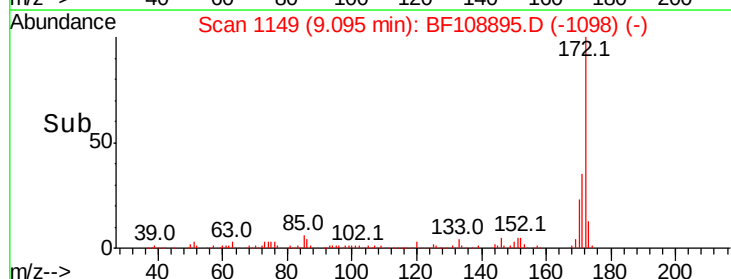
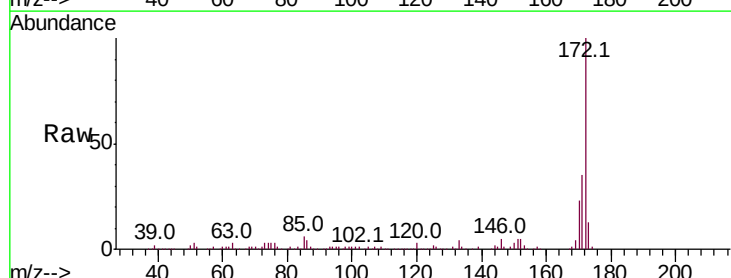
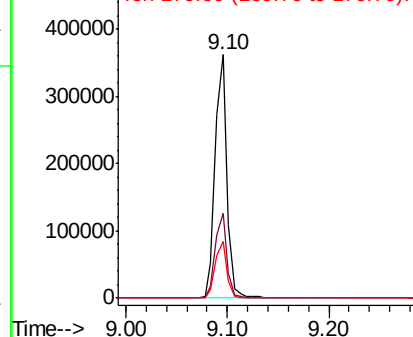
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	19.6	29.4

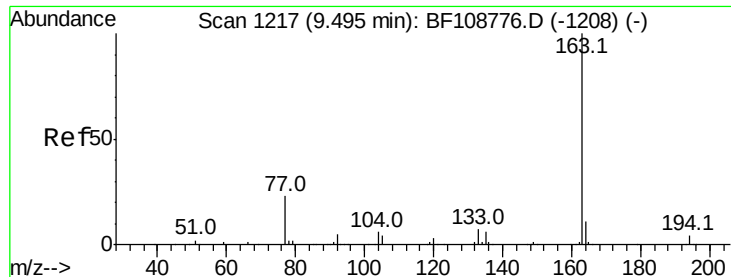
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.052 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Instrument :

BNA_F

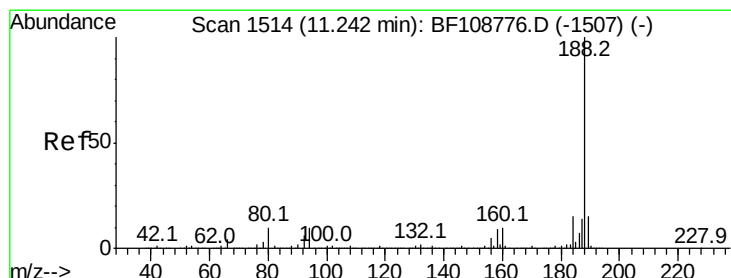
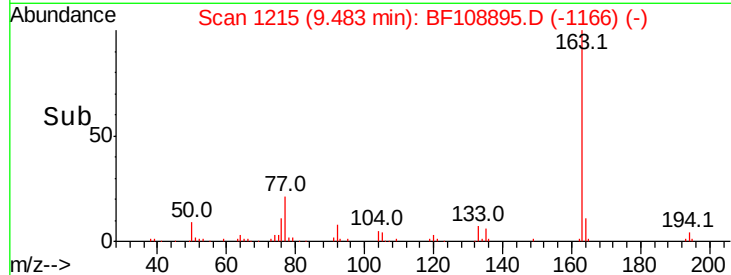
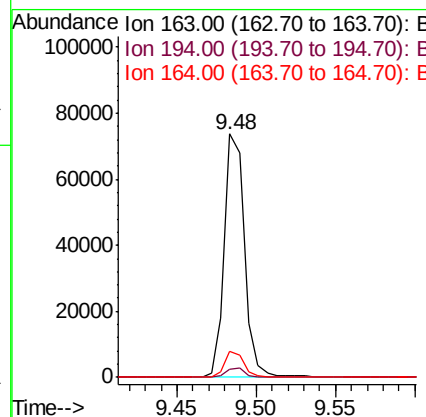
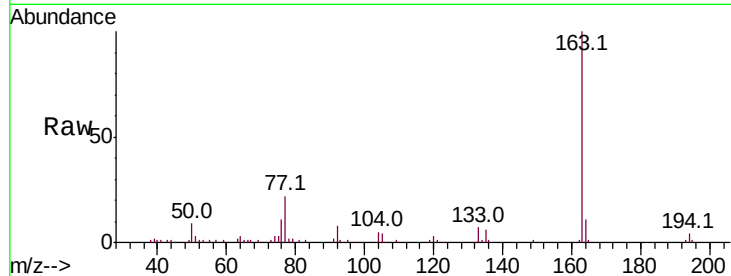
ClientSampleId :

PL-05-090718-B

Tot Ion:	163	Resp:	65133
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.9	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

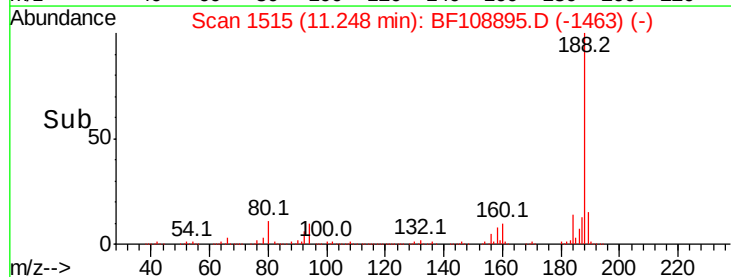
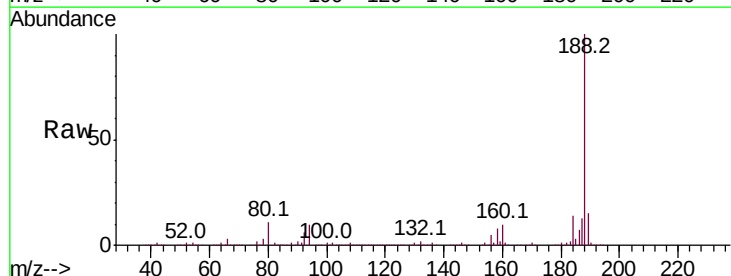
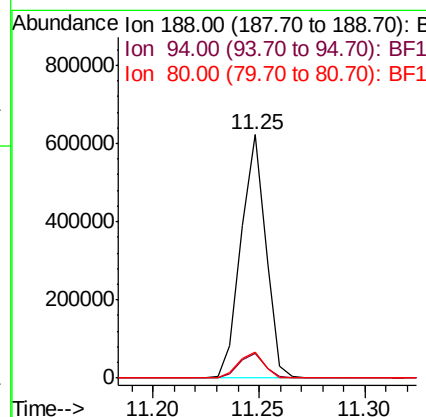
RT: 11.25 min Scan# 1515

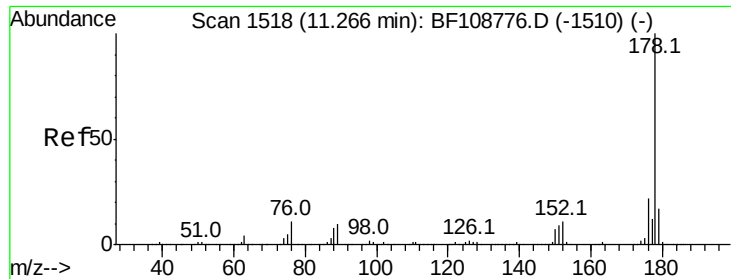
Delta R.T. 0.01 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Tgt Ion:	188	Resp:	504060
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.5	12.7
80	10.6	9.2	13.8





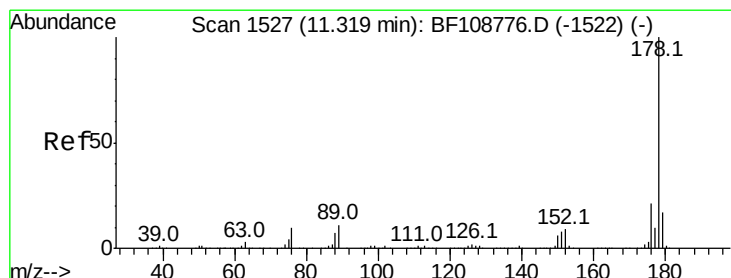
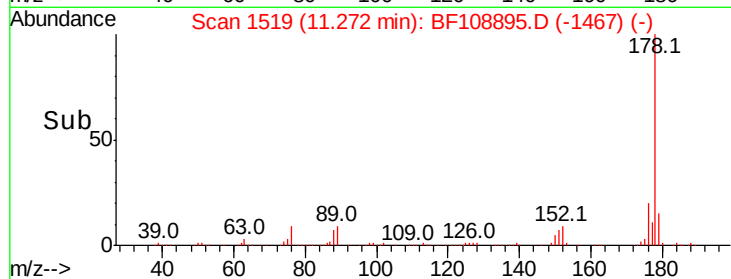
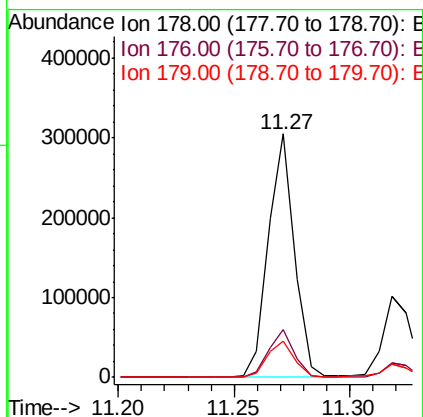
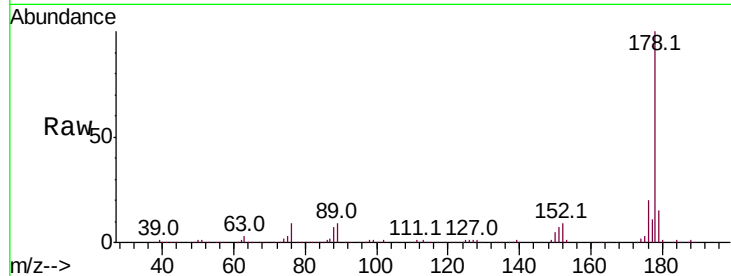
#70
Phenanthrene
Concen: 9.945 ng
RT: 11.27 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.7	13.0	19.6

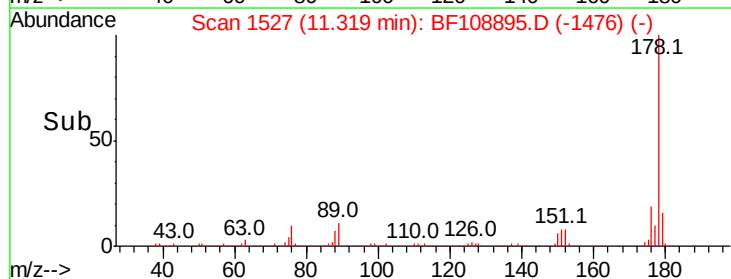
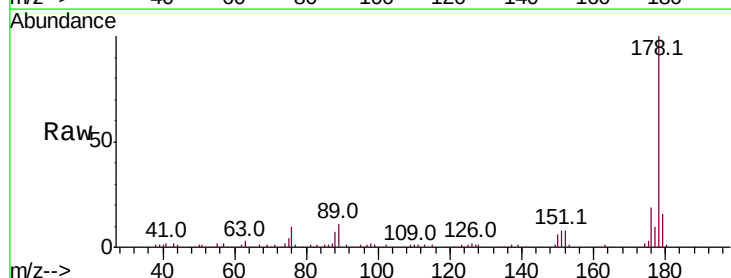
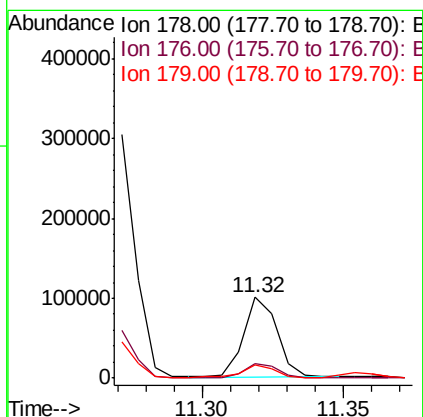
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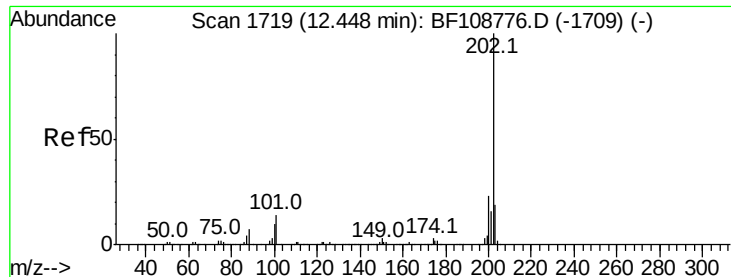
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#71
Anthracene
Concen: 3.564 ng
RT: 11.32 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.9	12.6	19.0





#74

Fluoranthene

Concen: 19.319 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Instrument :

BNA_F

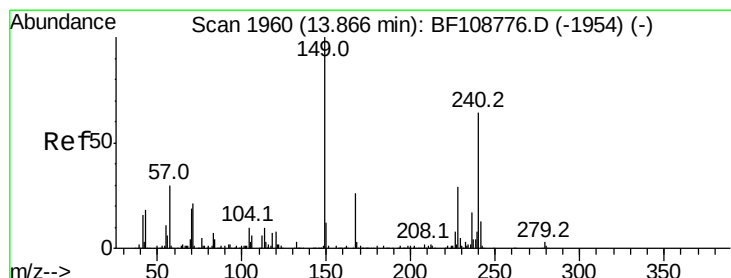
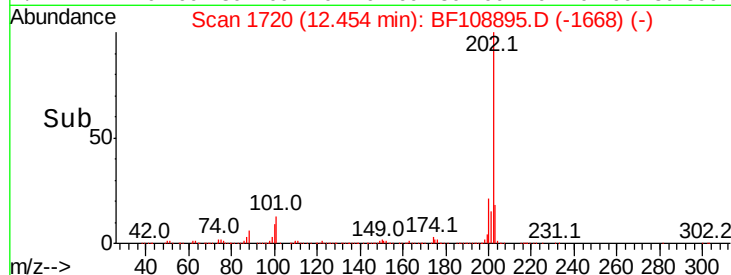
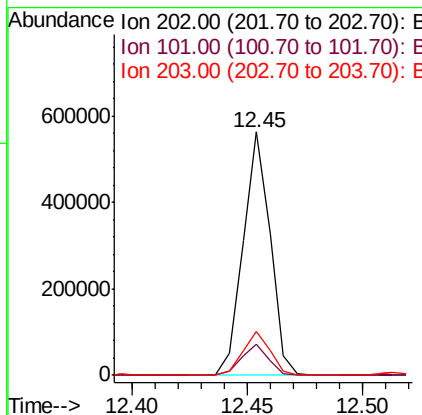
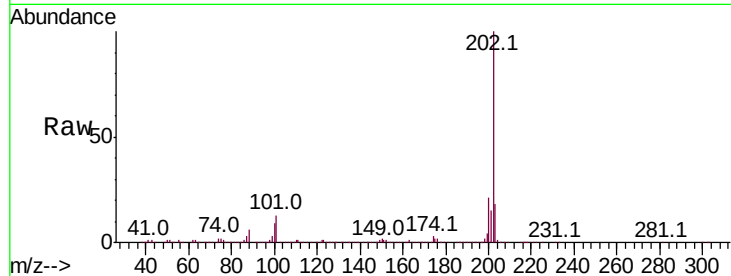
ClientSampleId :

PL-05-090718-B

Tot Ion:	202	Resp:	460415
Ion Ratio		Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

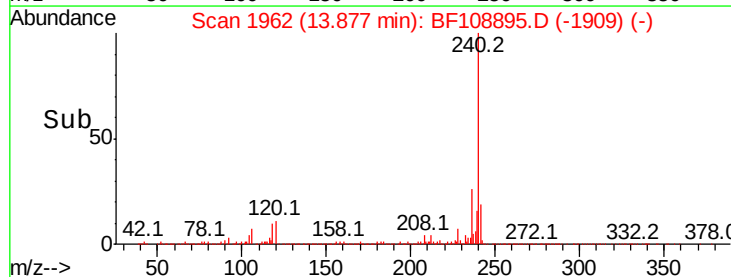
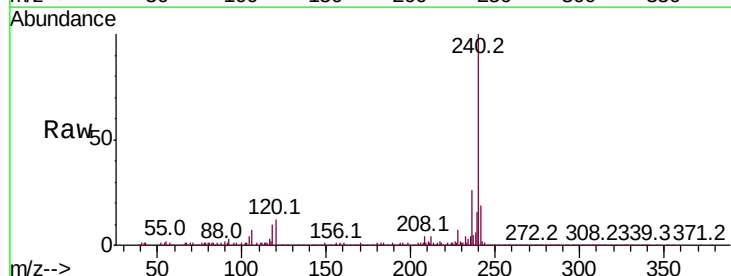
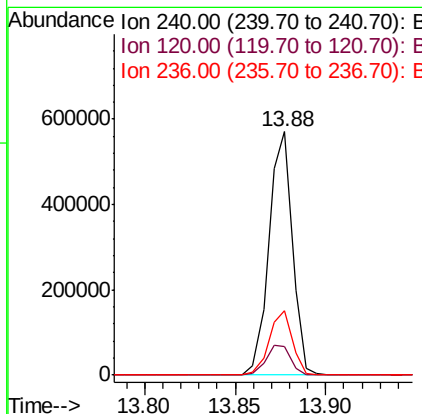
RT: 13.88 min Scan# 1962

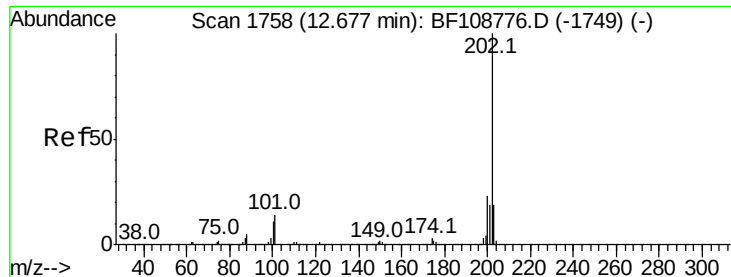
Delta R.T. 0.01 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Tgt Ion:	240	Resp:	511814
Ion Ratio		Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.4	20.7	31.1





#77

Pvrene

Concen: 10.560 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Instrument :

BNA_F

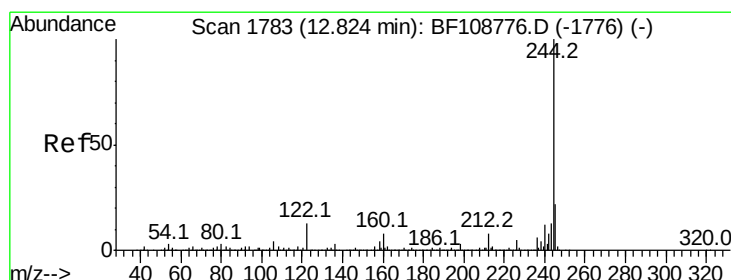
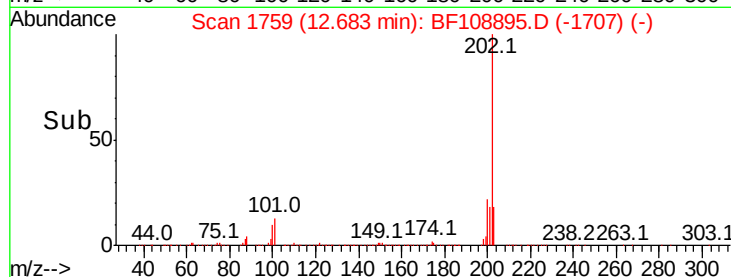
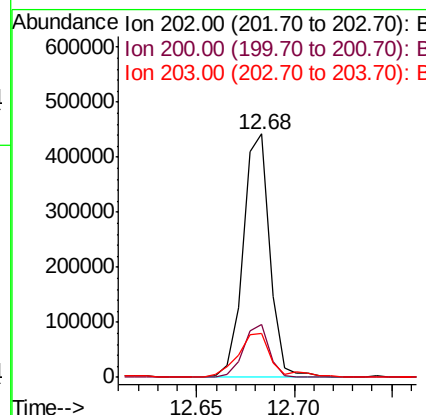
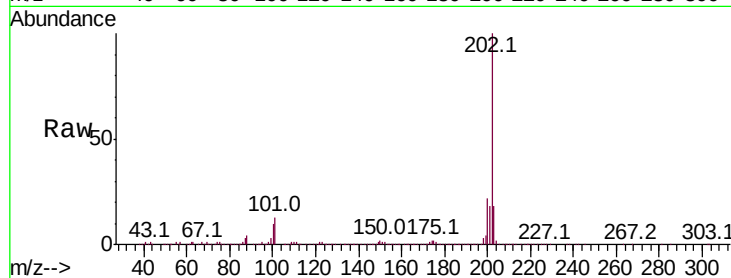
ClientSampleId :

PL-05-090718-B

Tot Ion:	202	Resp:	415900
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 11.466 ng

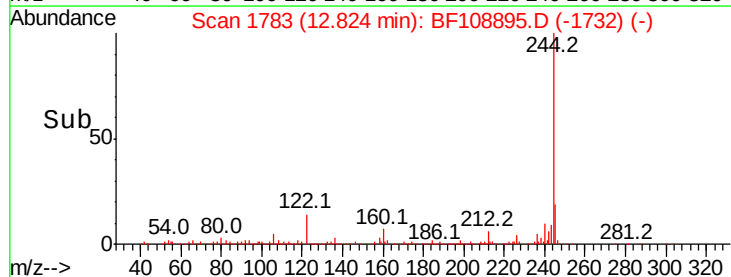
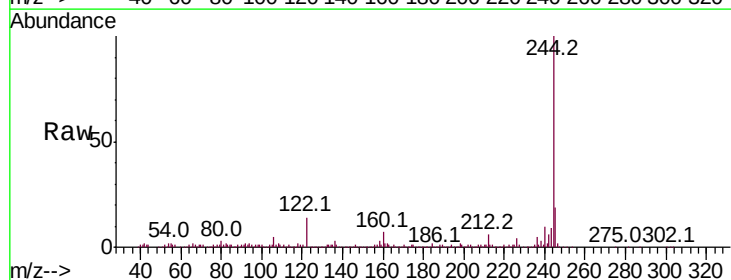
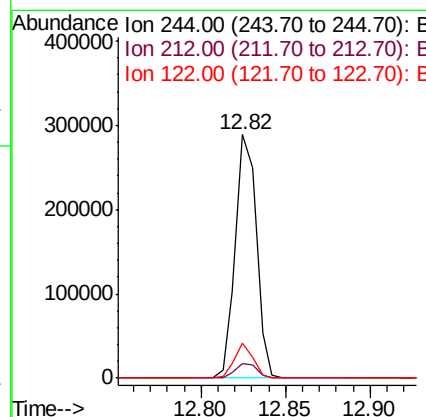
RT: 12.82 min Scan# 1783

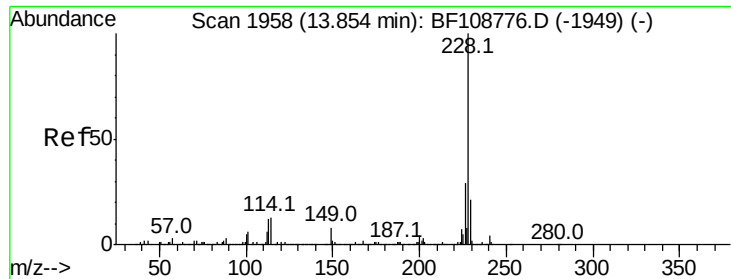
Delta R.T. 0.00 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Tgt Ion:	244	Resp:	251657
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	14.3	11.0	16.4





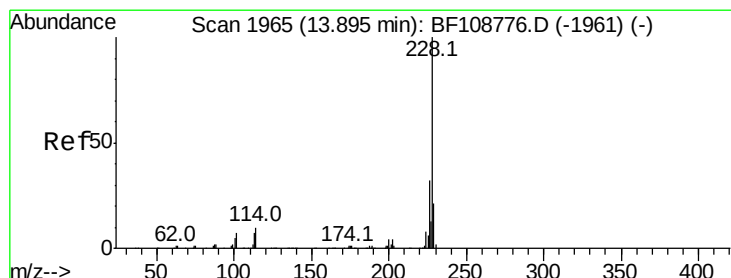
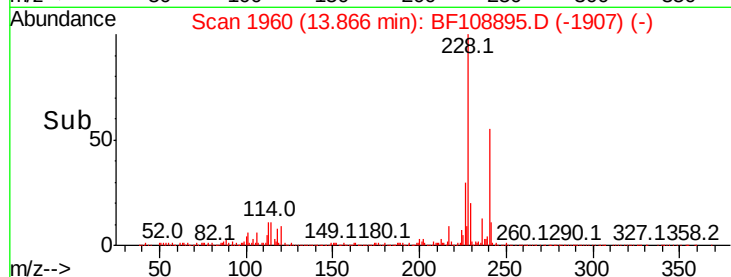
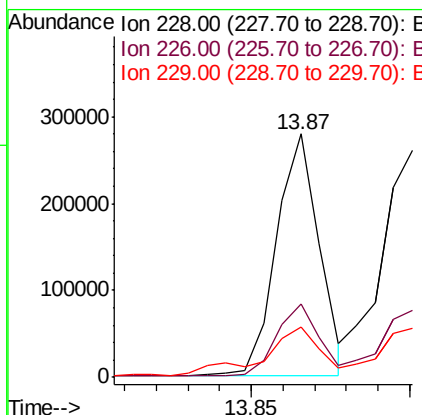
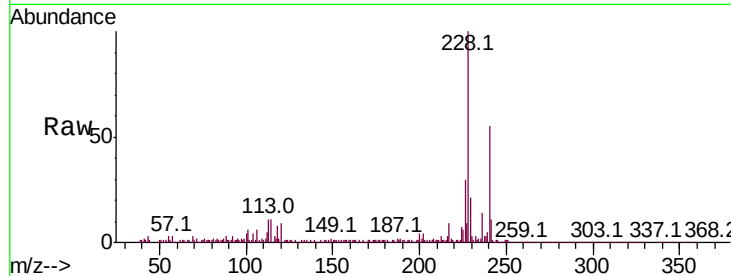
#80
Benzo(a)anthracene
Concen: 7.992 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_F
ClientSampled :
PL-05-090718-B

Tot Ion:	228	Resp:	262189
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.6	33.8
229	20.6	15.8	23.6

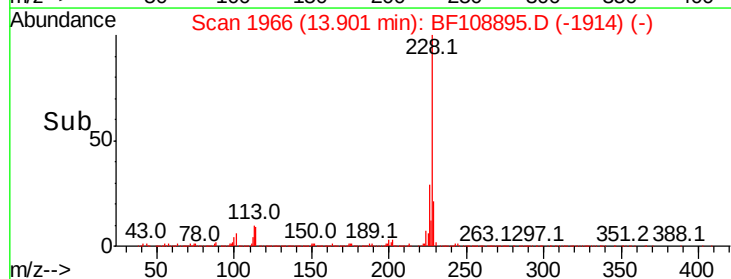
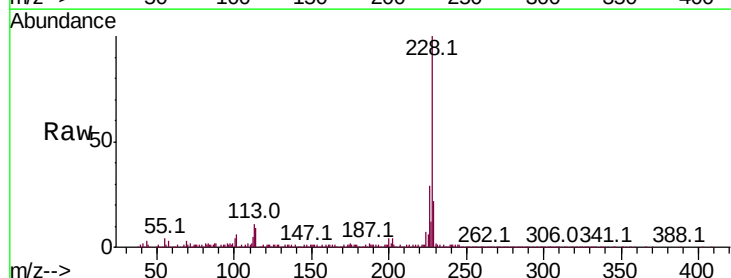
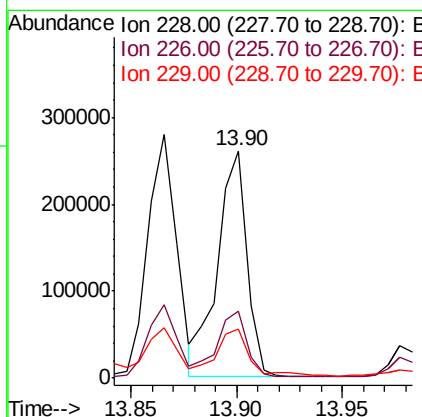
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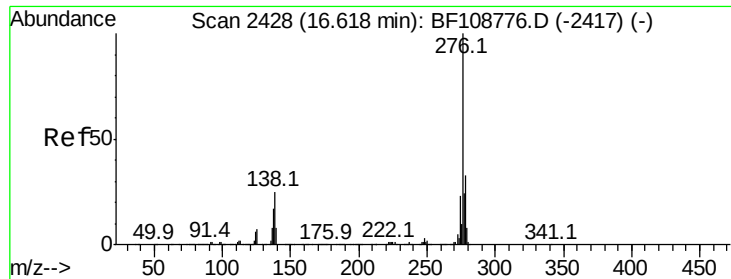
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#82
Chrysene
Concen: 7.944 ng
RT: 13.90 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion:	228	Resp:	252275
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.0	37.6
229	21.6	16.2	24.4





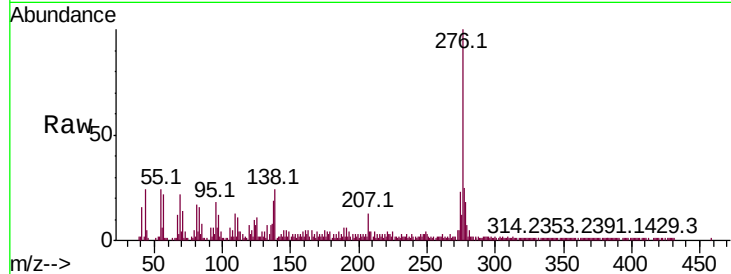
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.339 ng
RT: 16.64 min Scan# 2432
Delta R.T. 0.02 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-B

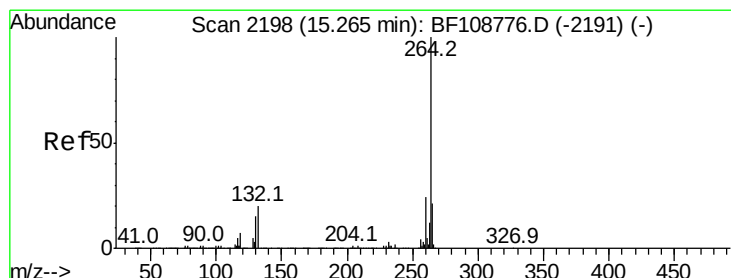
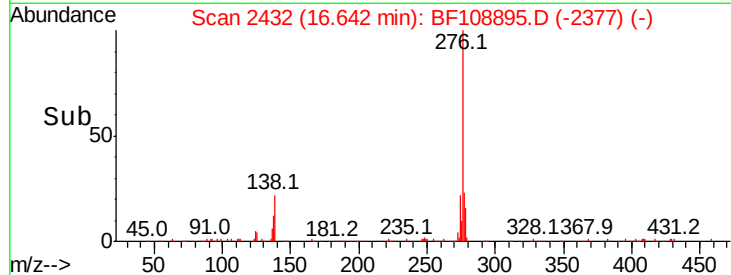
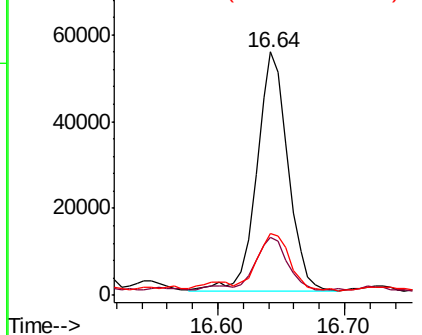
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	25.7	20.1	30.1

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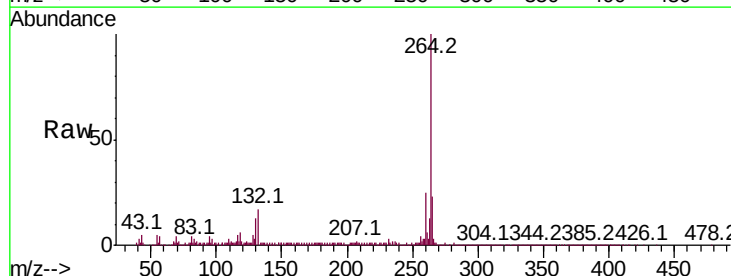


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

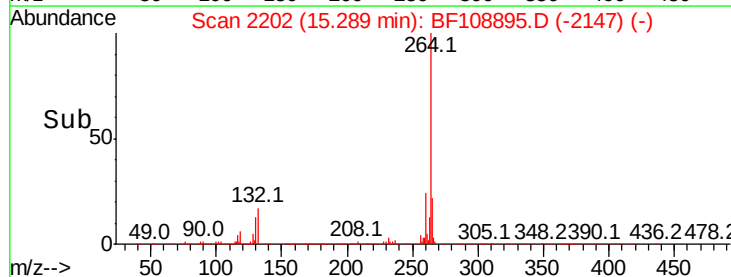
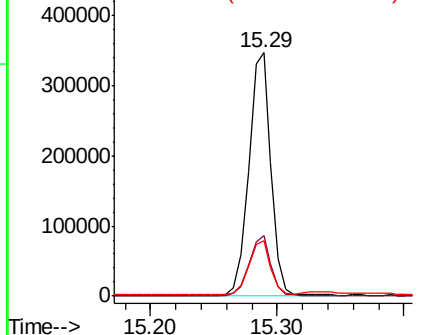


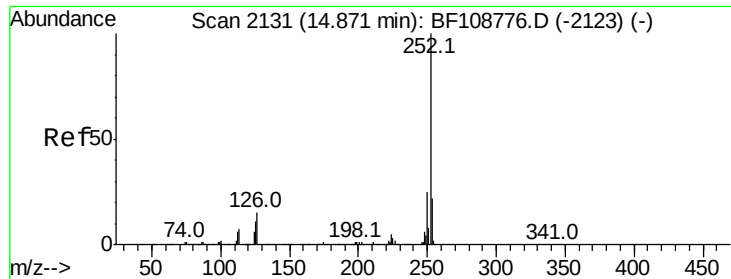
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 12.778 ng m

RT: 14.88 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Instrument :

BNA_F

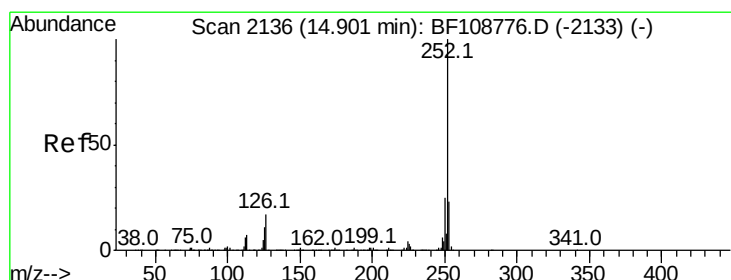
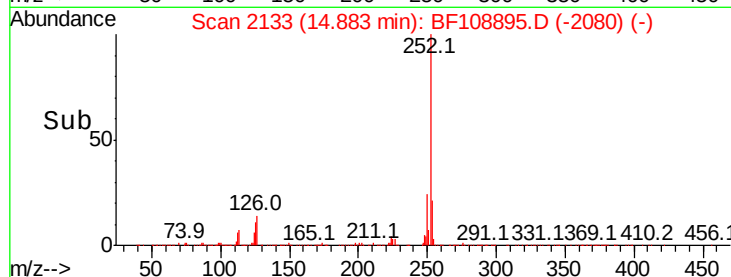
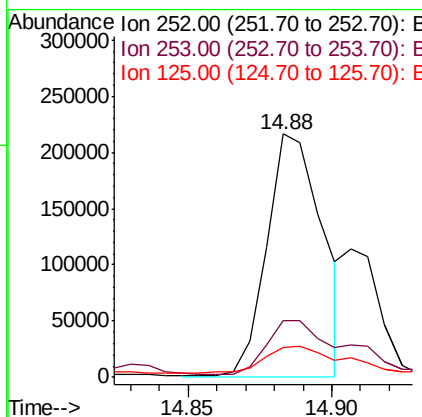
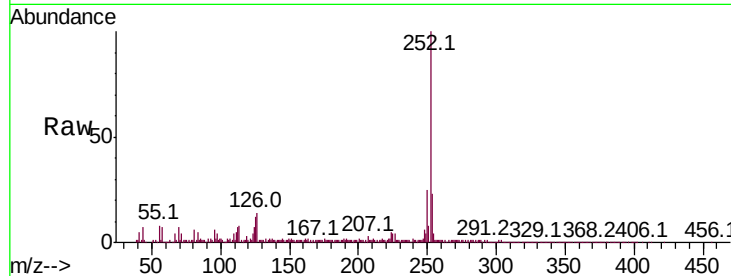
ClientSampleId :

PL-05-090718-B

Tot Ion	Ratio	Resp	Lower	Upper
252	100	290628		
253	23.3	17.0	25.6	
125	12.4	9.0	13.6	

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#88

Benzo(k)fluoranthene

Concen: 4.773 ng m

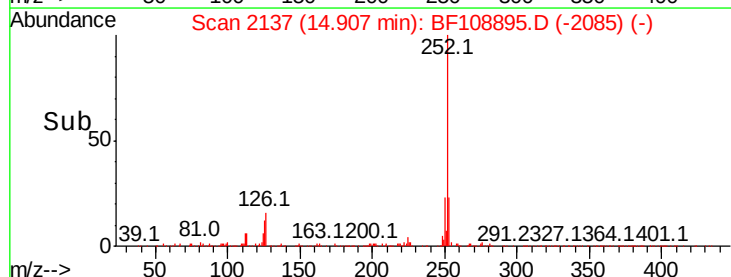
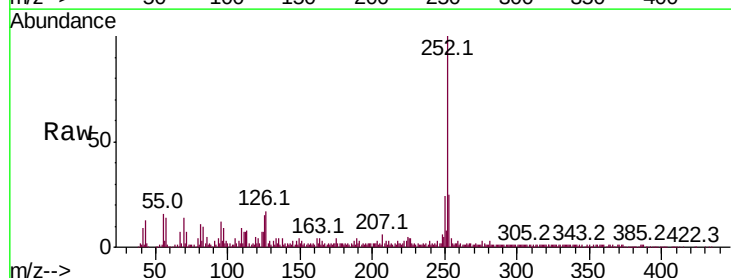
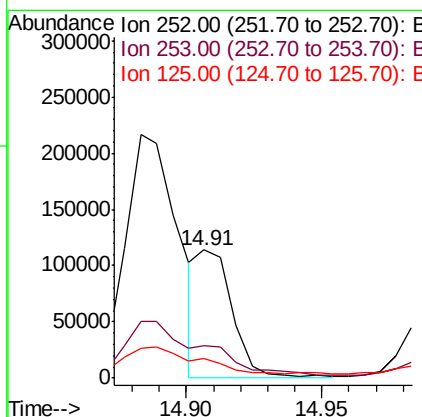
RT: 14.91 min Scan# 2137

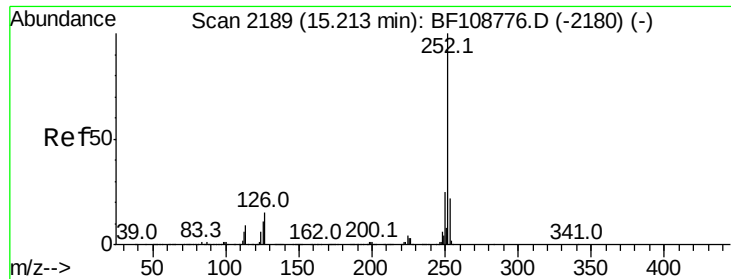
Delta R.T. 0.01 min

Lab File: BF108895.D

Acq: 10 Sep 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	99981		
253	25.1	17.9	26.9	
125	15.3	10.2	15.2#	





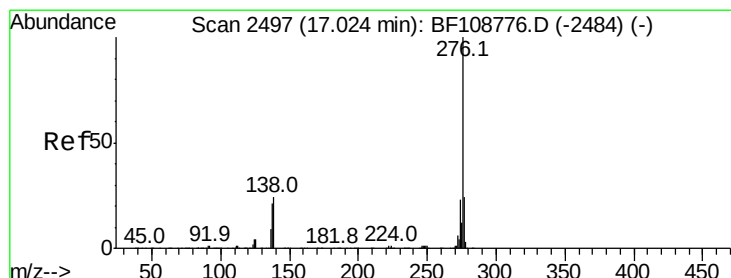
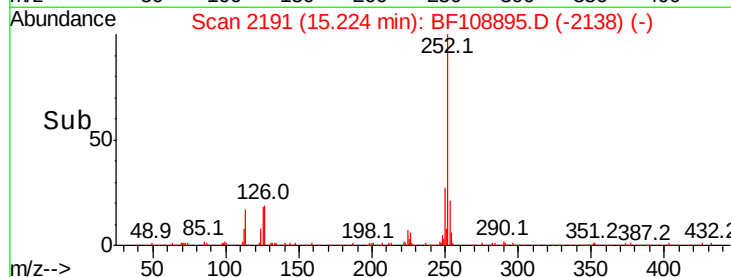
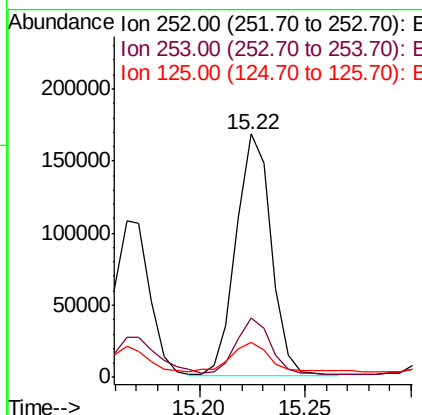
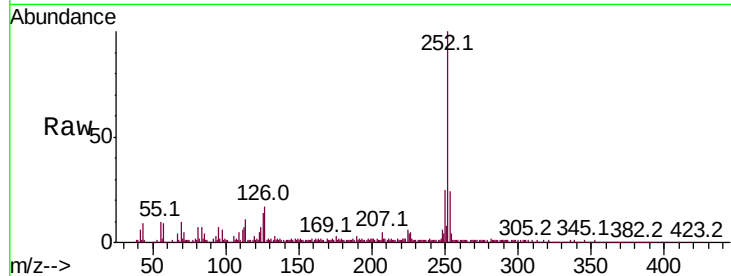
#89
Benzo(a)pyrene
Concen: 9.390 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	14.3	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 4.578 ng
RT: 17.05 min Scan# 2502
Delta R.T. 0.03 min
Lab File: BF108895.D
Acq: 10 Sep 2018 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	24.2	21.8	32.8

