

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108304.D
 Acq On : 20 Aug 2018 21:39
 Operator : JU/SJ
 Sample : J4277-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-081718-A

Manual Integrations
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Sohil
 8/21/2018 1:43:16 PM

Quant Time: Aug 21 01:52:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	167928	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	591771	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	256852	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	453178	20.00	ng	0.00
75) Chrysene-d12	14.22	240	306330	20.00	ng	0.00
86) Perylene-d12	15.78	264	243248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	336475	36.28	ng	0.00
7) Phenol-d6	6.63	99	438078	35.54	ng	0.00
23) Nitrobenzene-d5	7.57	82	260435	24.56	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	85546	33.39	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	486623	30.42	ng	0.00
78) Terphenyl-d14	13.14	244	406154	33.71	ng	0.00
Target Compounds						
57) Fluorene	10.61	166	47526	2.859	ng	99
70) Phenanthrene	11.58	178	288160	13.481	ng	98
71) Anthracene	11.64	178	82181	3.751	ng	99
74) Fluoranthene	12.78	202	266711	11.433	ng	96
77) Pyrene	13.01	202	300972	15.519	ng	99
80) Benzo(a)anthracene	14.21	228	95277	5.420	ng	# 89
82) Chrysene	14.24	228	102772m	6.376	ng	
85) Indeno(1,2,3-cd)pyrene	17.41	276	34551	2.474	ng	# 85
87) Benzo(b)fluoranthene	15.31	252	91054m	6.264	ng	
89) Benzo(a)pyrene	15.71	252	66582	5.115	ng	# 89
91) Benzo(g,h,i)perylene	17.91	276	37880	3.572	ng	# 85

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

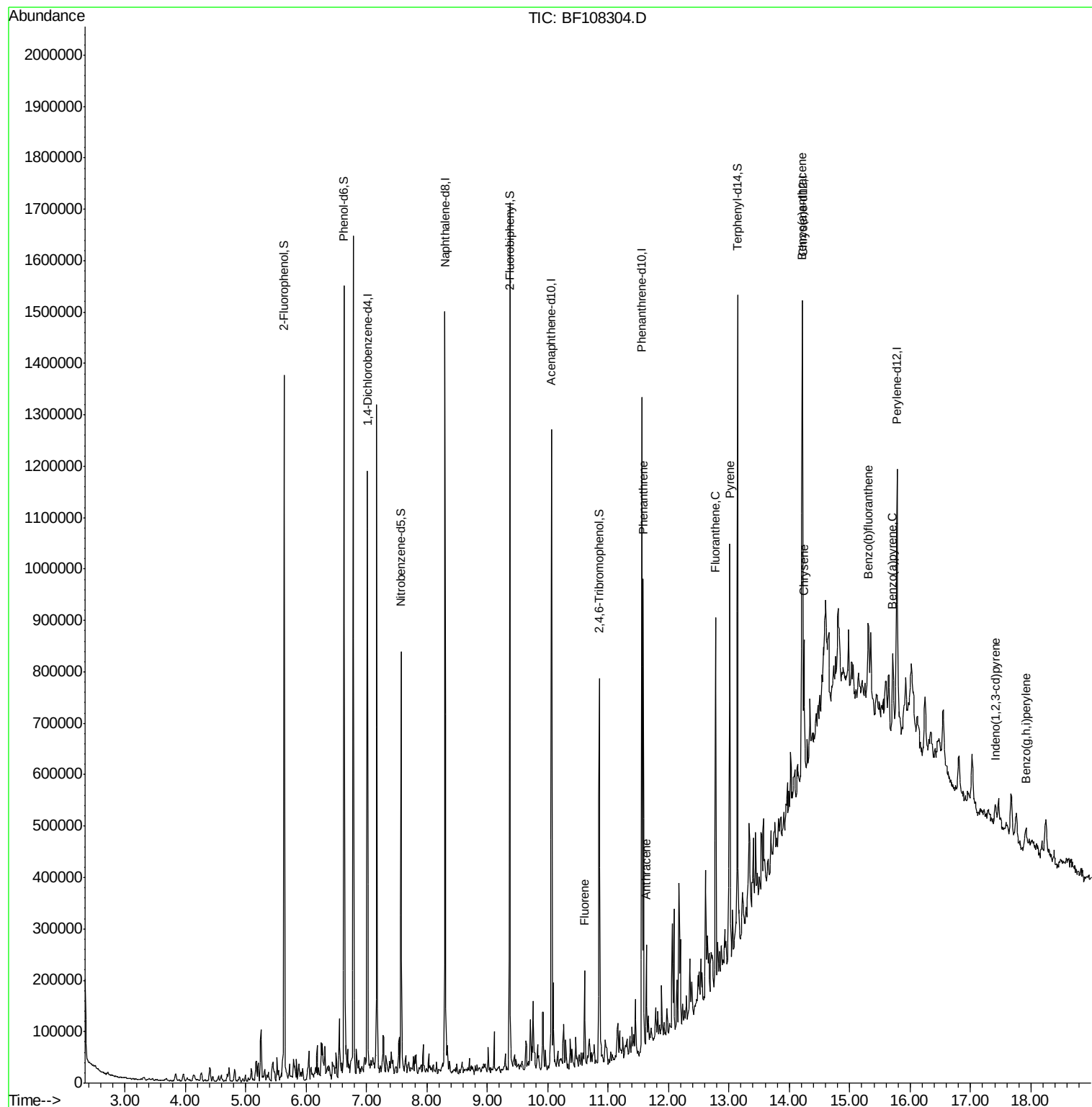
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108304.D
Acq On : 20 Aug 2018 21:39
Operator : JU/SJ
Sample : J4277-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

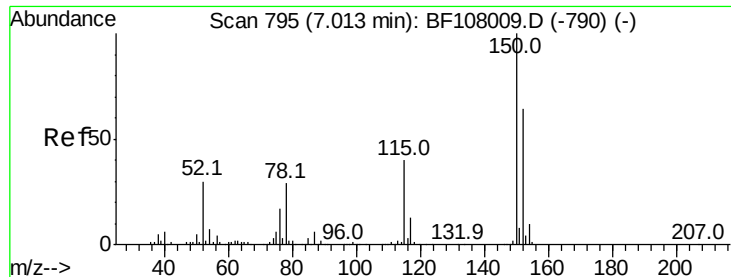
Instrument :
BNA_F
ClientSampled :
OR-03-081718-A

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#1

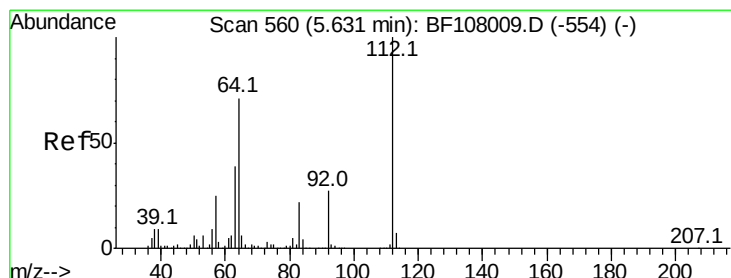
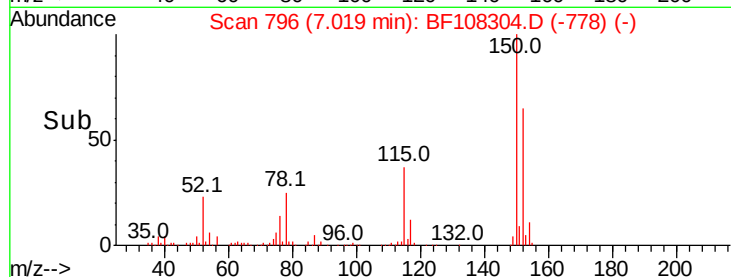
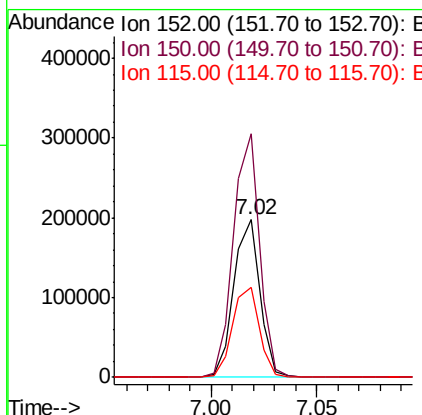
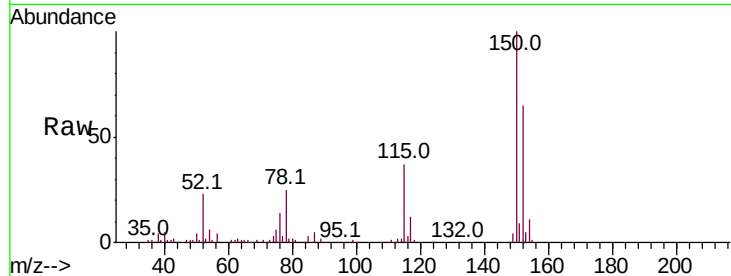
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	57.4	50.1	75.1

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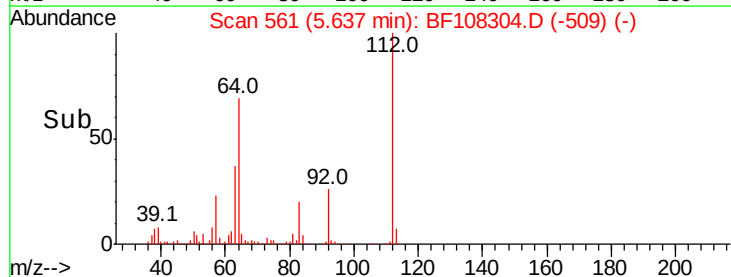
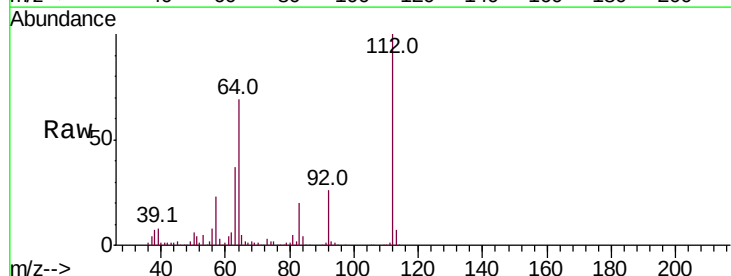
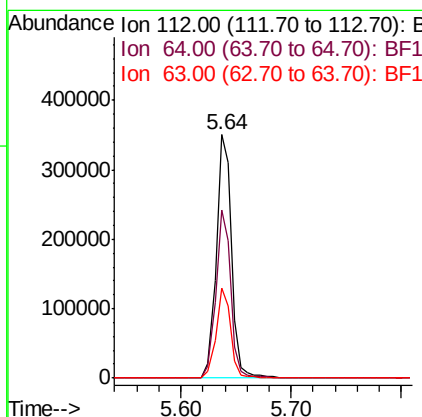
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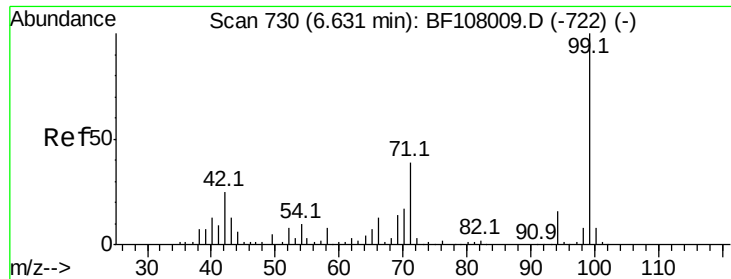


#5

2-Fluorophenol
Concen: 36.276 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	47.9	71.9
63	37.0	23.7	35.5





#7

Phenol-d6

Concen: 35.541 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108304.D

Acq: 20 Aug 2018 21:39

Instrument :

BNA_F

ClientSampleId :

OR-03-081718-A

Tot Ion: 99 Resp: 438078

Ion Ratio Lower Upper

99 100

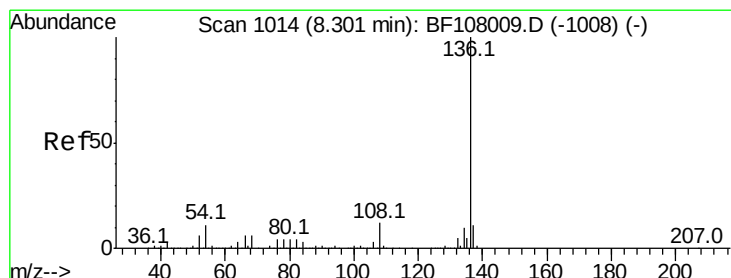
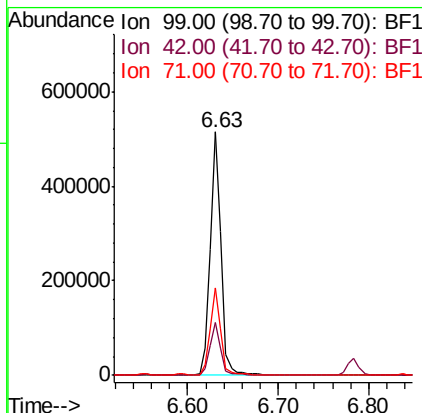
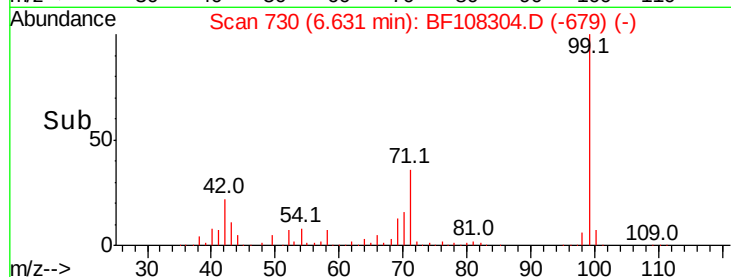
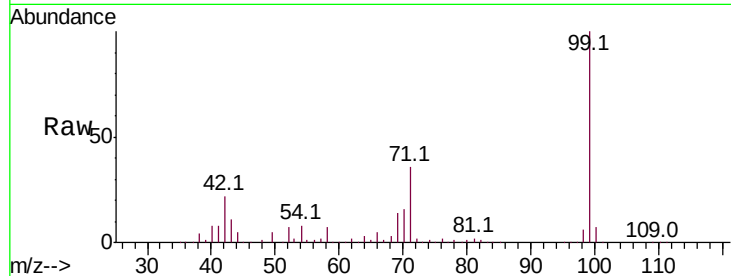
42 21.9 14.5 21.7#

71 35.8 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108304.D

Acq: 20 Aug 2018 21:39

Tgt Ion: 136 Resp: 591771

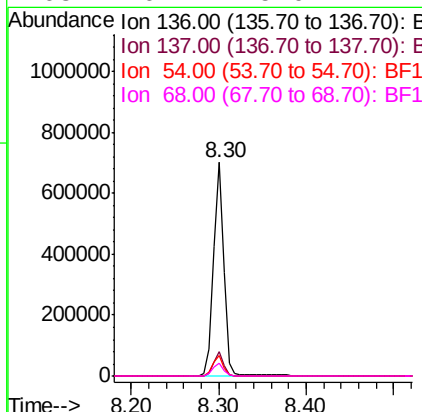
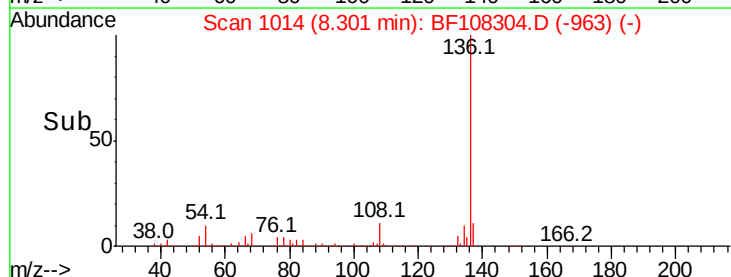
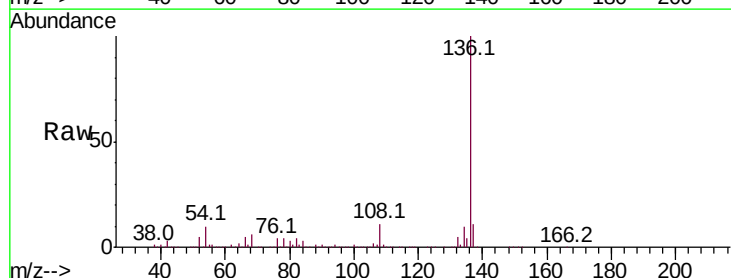
Ion Ratio Lower Upper

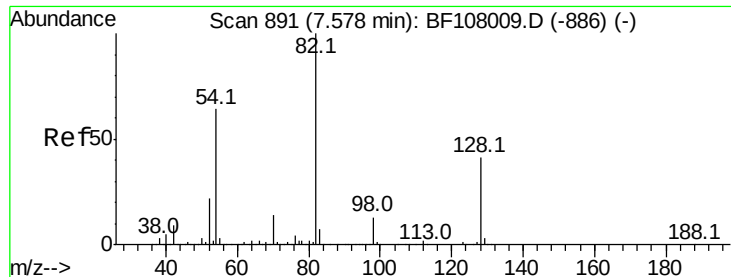
136 100

137 11.4 8.9 13.3

54 9.7 6.6 9.8

68 6.1 5.0 7.4





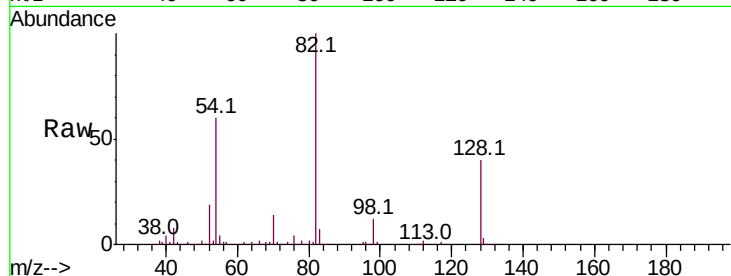
#23
Nitrobenzene-d5
Concen: 24.558 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100	260435		
128	39.6		36.1	54.1
54	59.8		41.4	62.2

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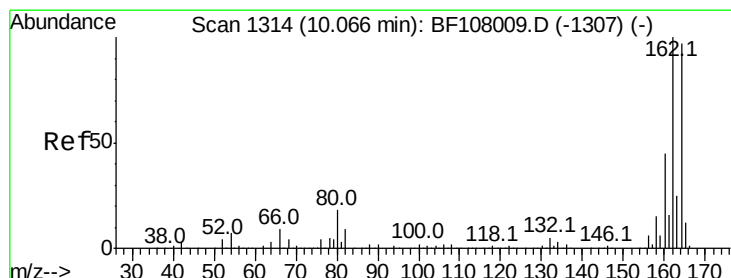
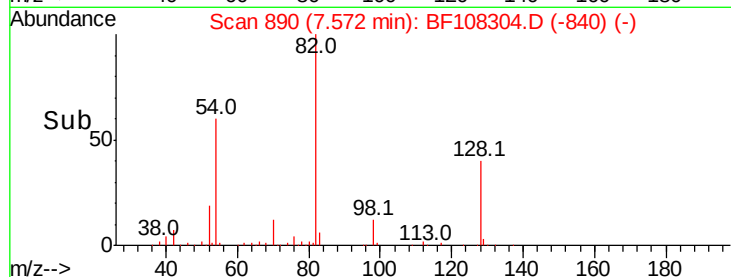
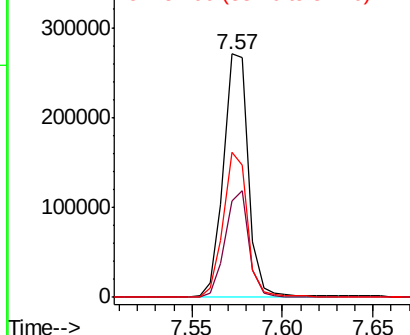


Abundance

Ion 82.00 (81.70 to 82.70): BF1

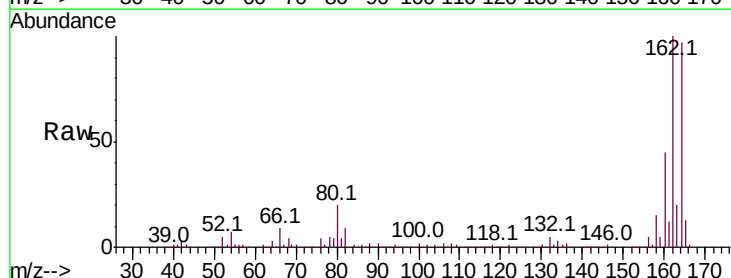
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256852		
162	103.4		86.1	129.1
160	46.4		38.3	57.5

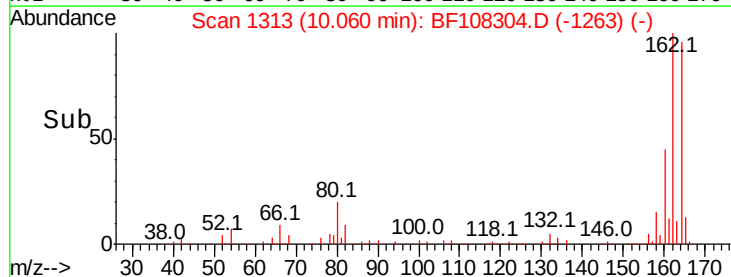
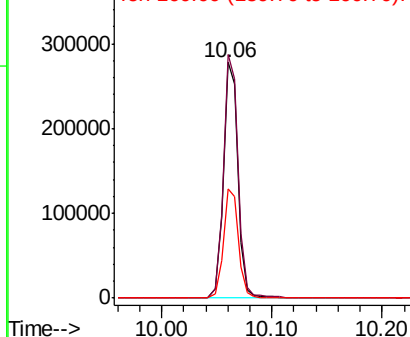


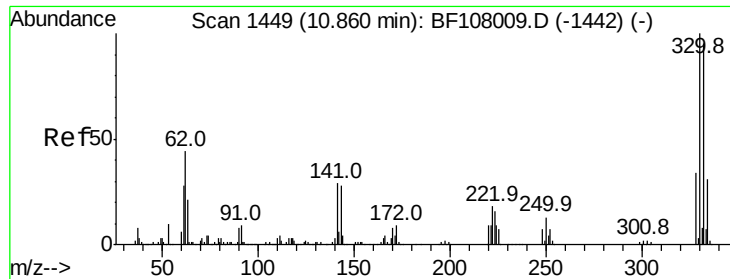
Abundance

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





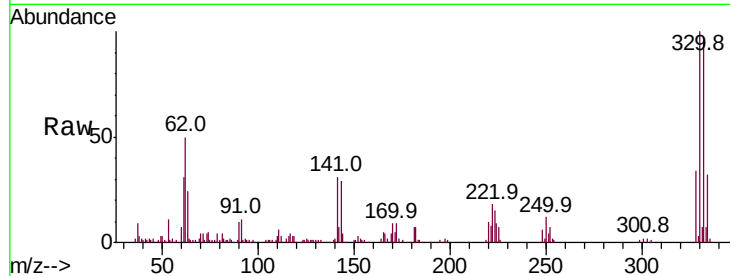
#41
 2,4,6-Tribromophenol
 Concen: 33.390 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108304.D
 Acq: 20 Aug 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-081718-A

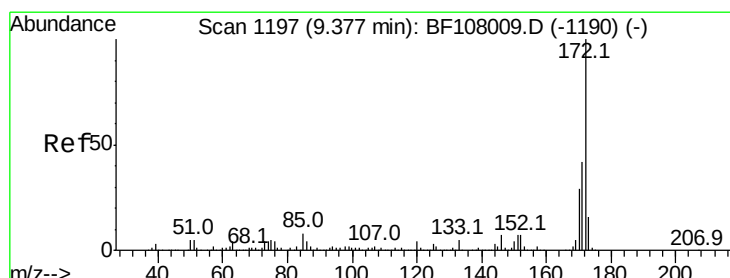
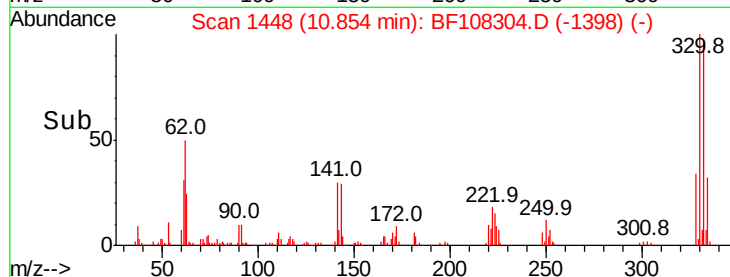
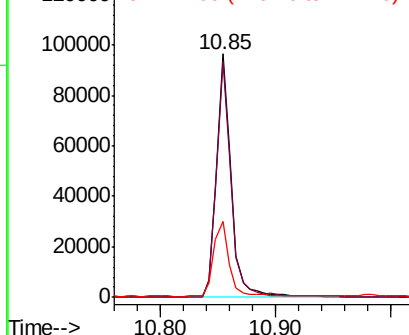
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3		77.0	115.6
141	32.8		29.9	44.9

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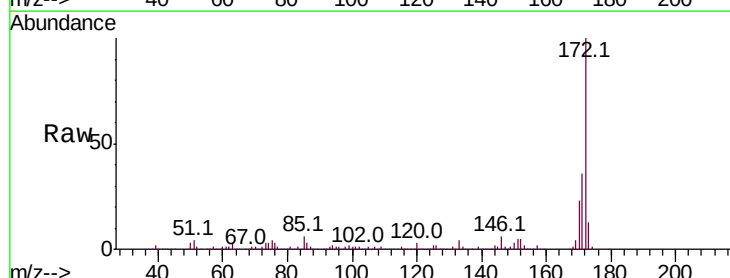


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

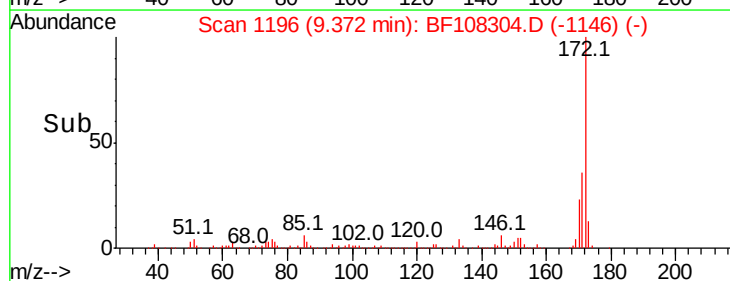
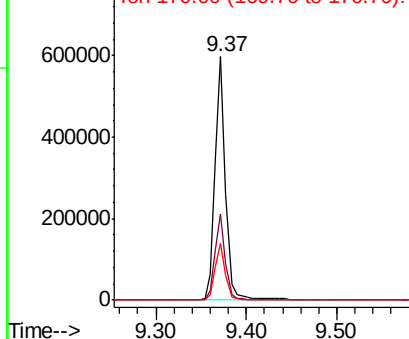


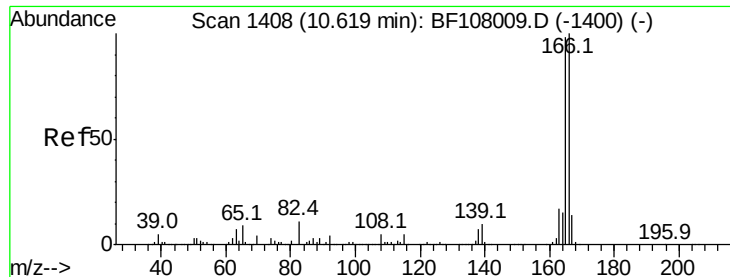
#44
 2-Fluorobiphenyl
 Concen: 30.417 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108304.D
 Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5		29.7	44.5
170	23.2		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





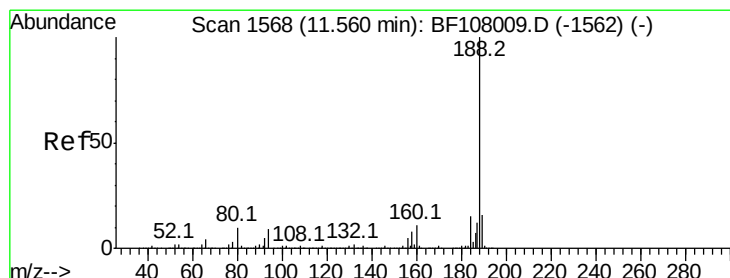
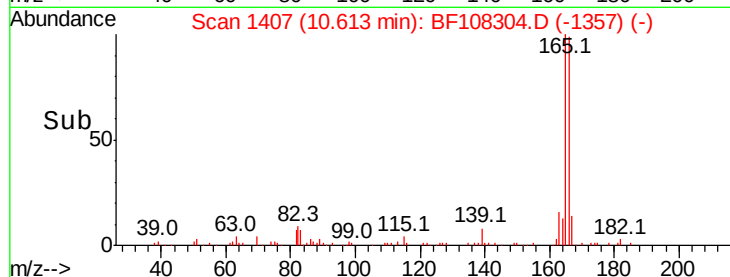
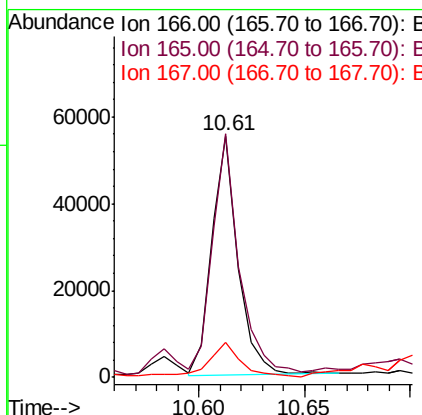
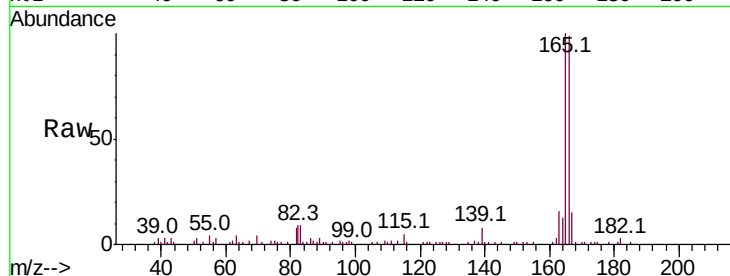
#57
Fluorene
 Concen: 2.859 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF108304.D
 Acq: 20 Aug 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-081718-A

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	14.7	10.6	16.0

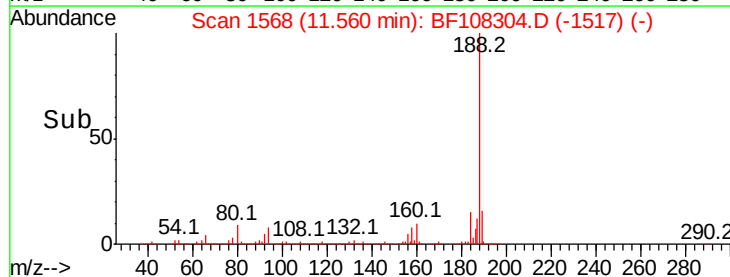
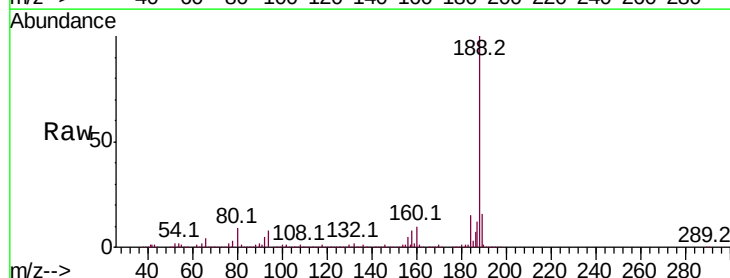
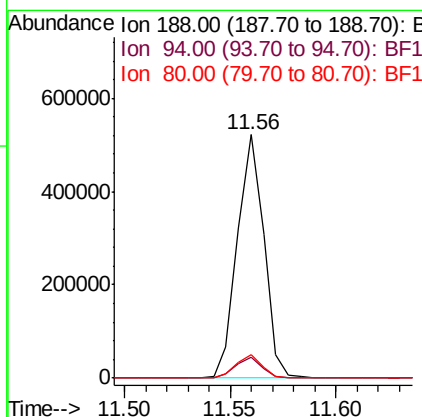
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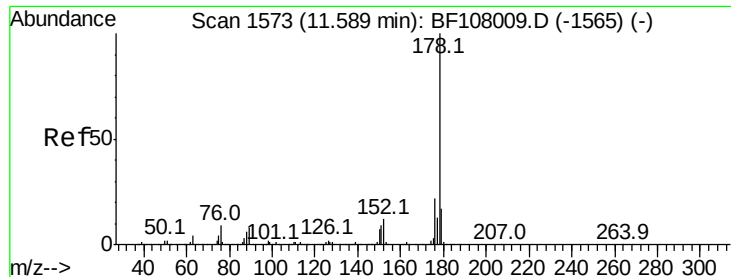
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108304.D
 Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.5	9.2	13.8





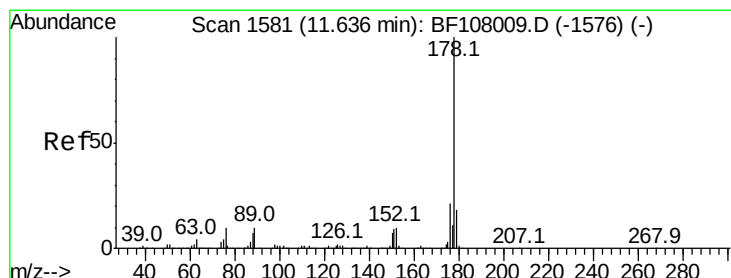
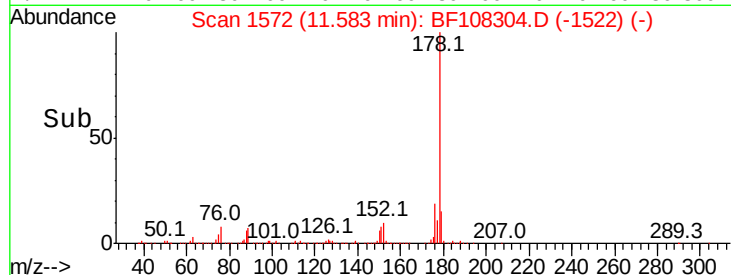
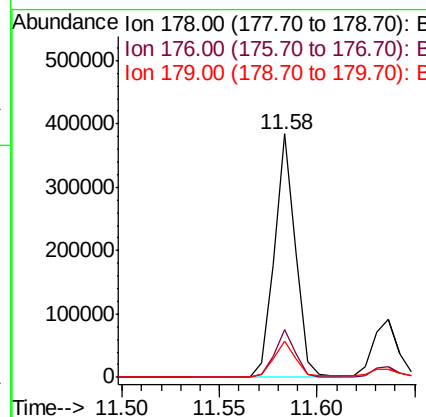
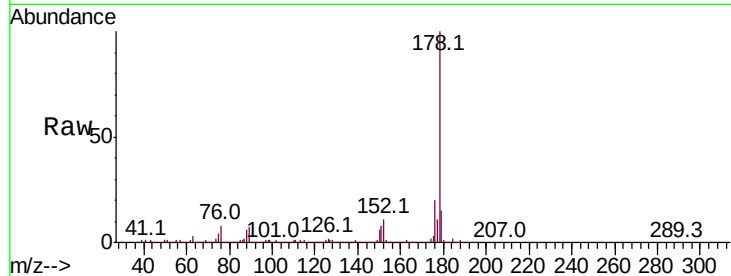
#70
Phenanthrene
Concen: 13.481 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tot Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.5	15.8	23.8	
179	15.1	13.0	19.6	

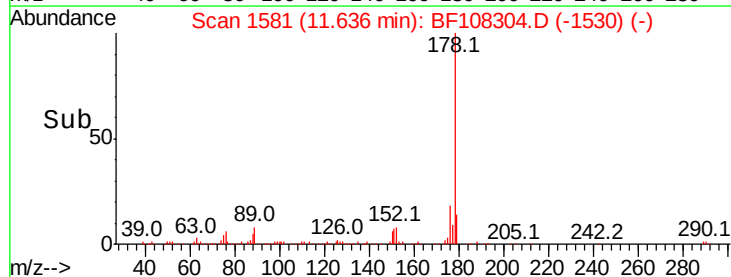
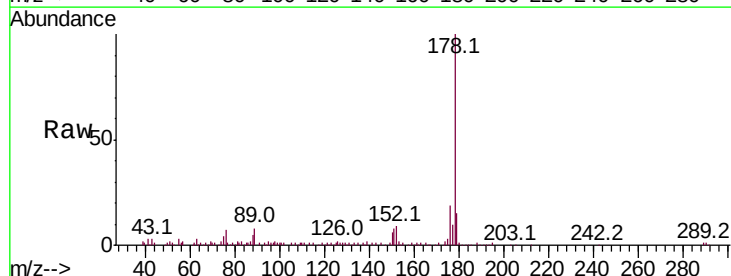
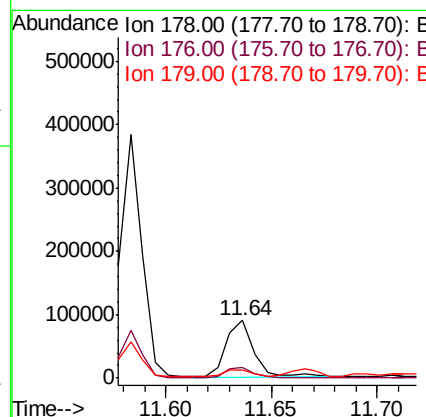
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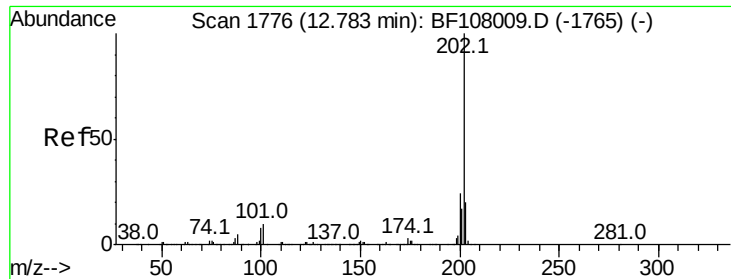
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#71
Anthracene
Concen: 3.751 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.8	15.4	23.2	
179	15.0	12.6	19.0	





#74

Fluoranthene

Concen: 11.433 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108304.D

Acq: 20 Aug 2018 21:39

Instrument :

BNA_F

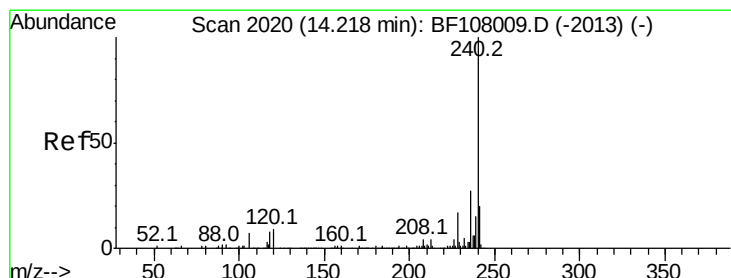
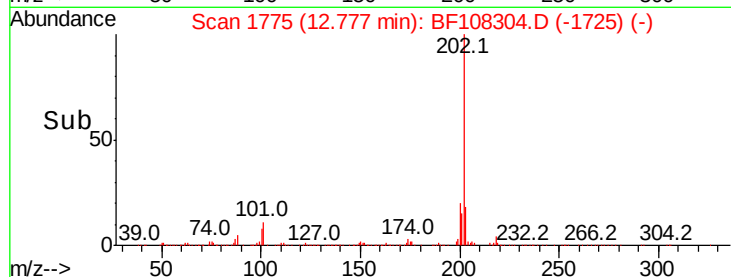
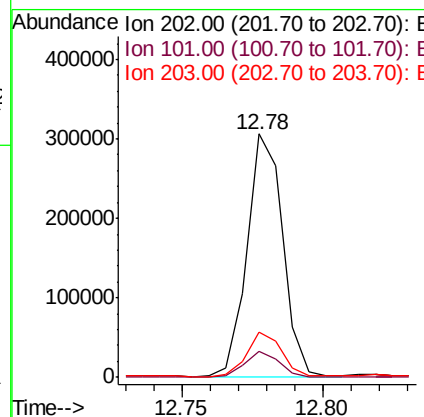
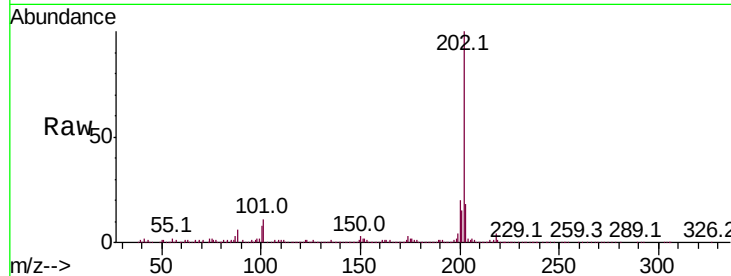
ClientSampleId :

OR-03-081718-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

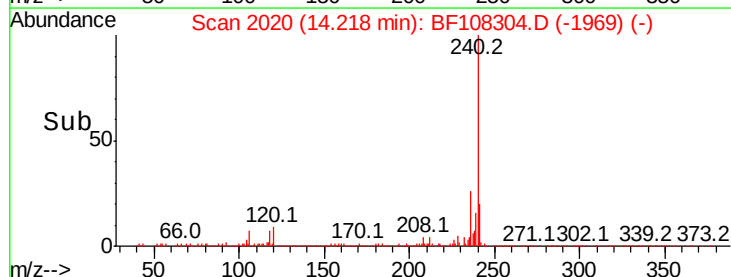
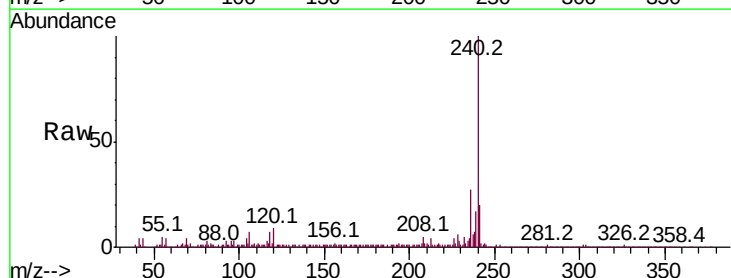
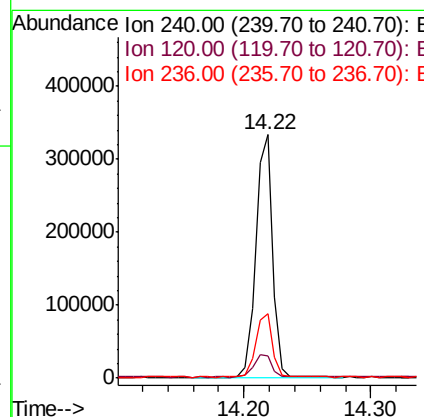
RT: 14.22 min Scan# 2020

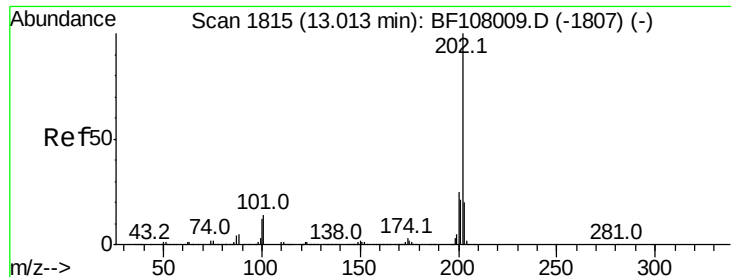
Delta R.T. 0.00 min

Lab File: BF108304.D

Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	26.6	20.7	31.1





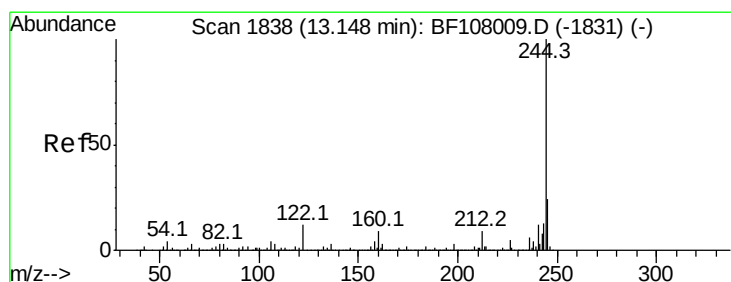
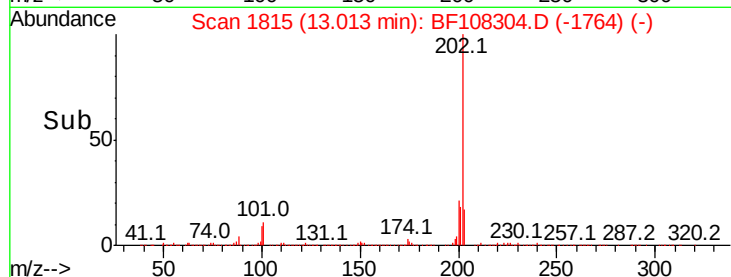
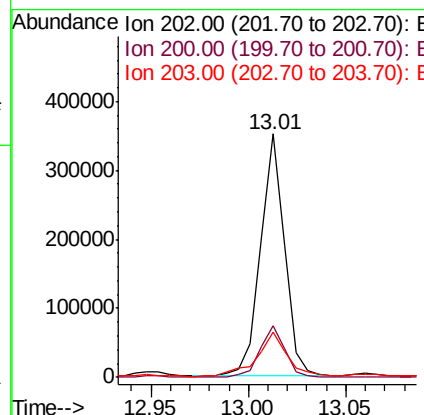
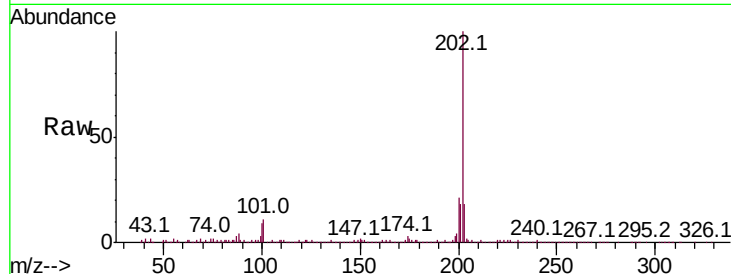
#77
Pvrene
Concen: 15.519 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.4	14.3	21.5

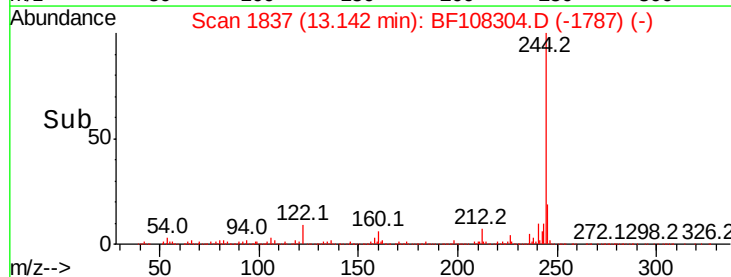
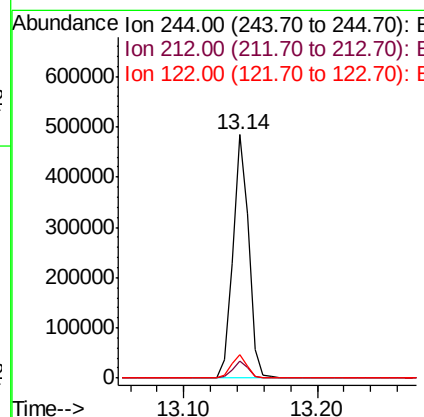
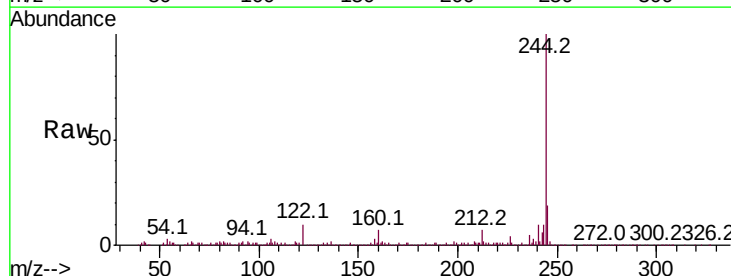
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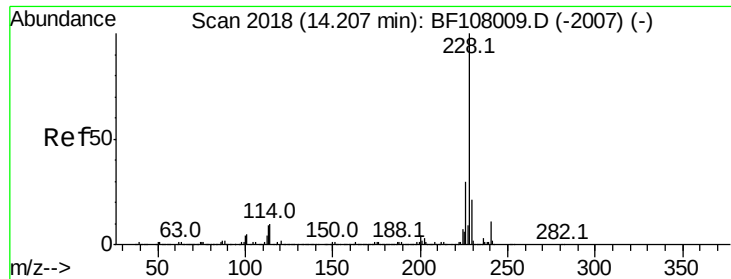
Sohil
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#78
Terphenyl-d14
Concen: 33.711 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.6	11.0	16.4





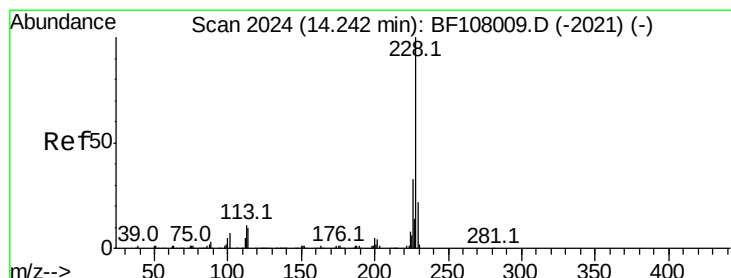
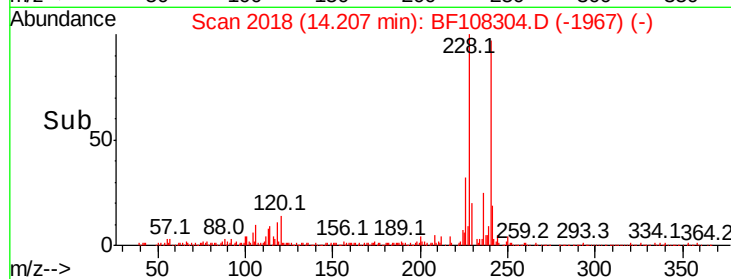
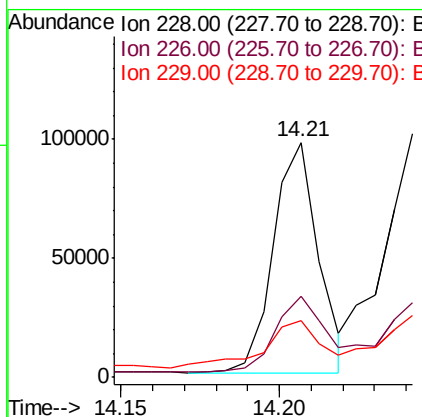
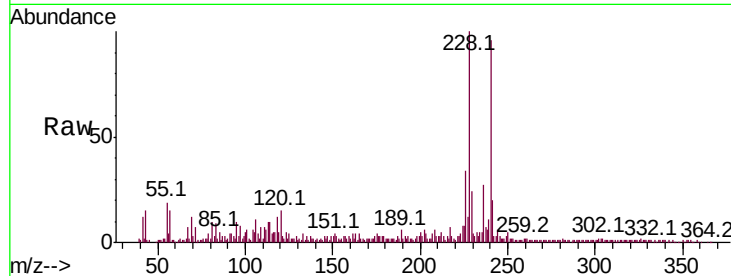
#80
Benzo(a)anthracene
Concen: 5.420 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.6	33.8#
229	24.1	15.8	23.6#

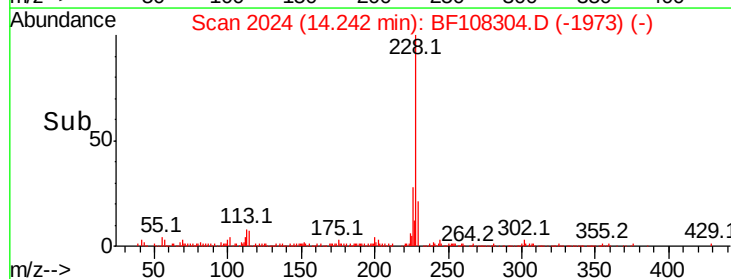
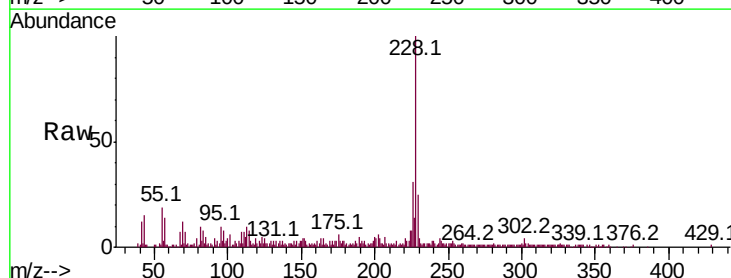
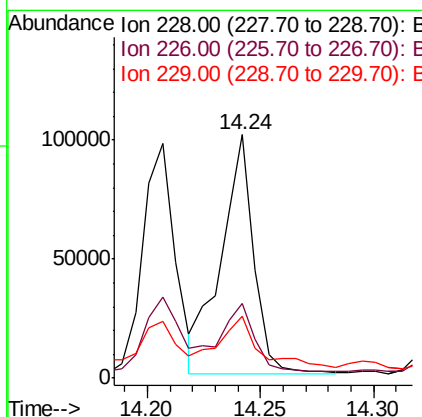
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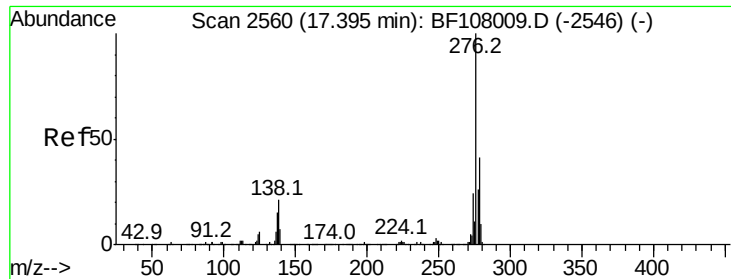
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#82
Chrysene
Concen: 6.376 ng m
RT: 14.24 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	25.2	16.2	24.4#





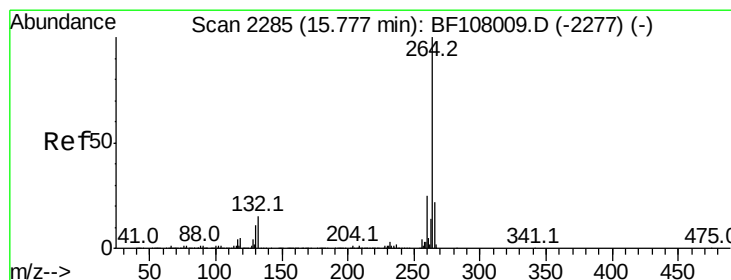
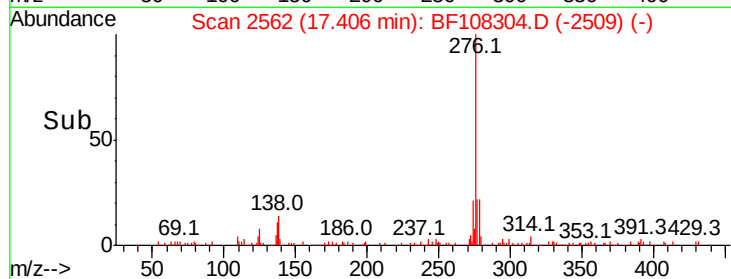
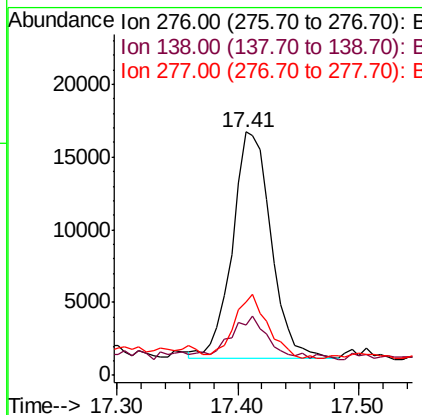
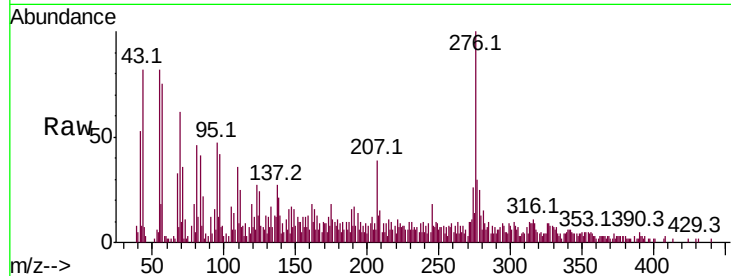
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.474 ng
 RT: 17.41 min Scan# 2562
 Delta R.T. 0.01 min
 Lab File: BF108304.D
 Acq: 20 Aug 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-081718-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	25.0	37.6#
277	25.4	20.1	30.1

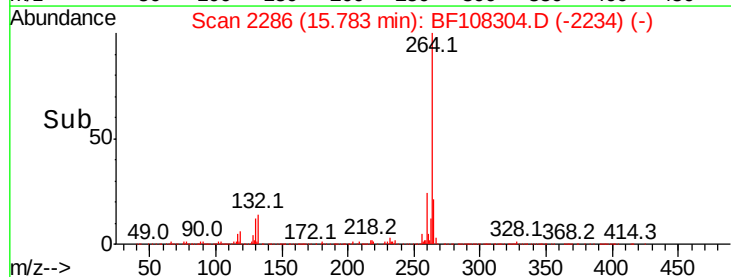
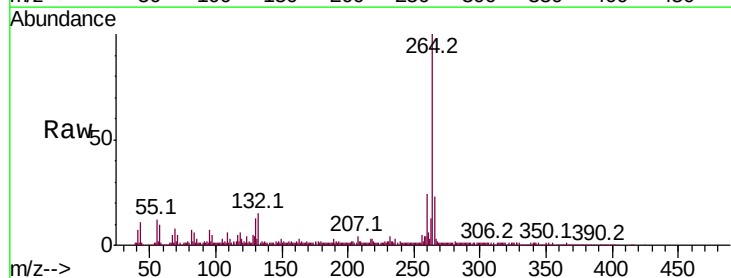
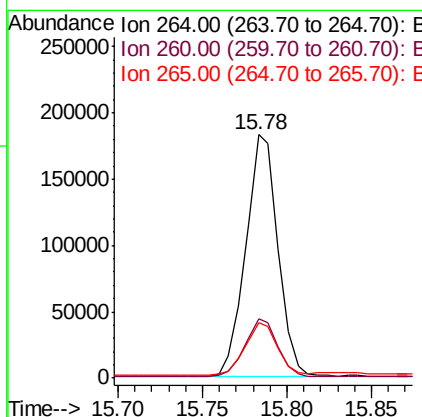
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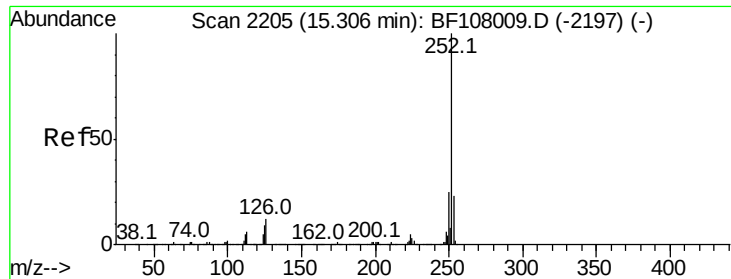
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108304.D
 Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.5	17.5	26.3





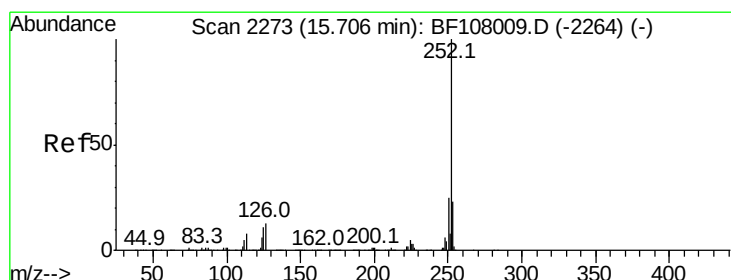
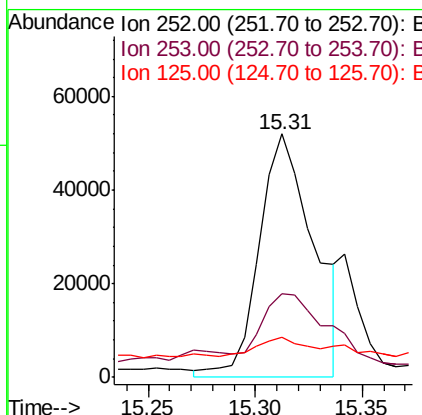
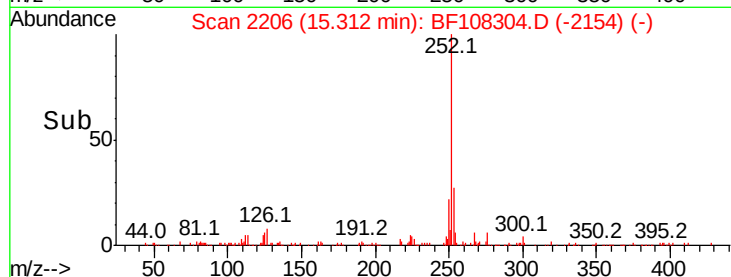
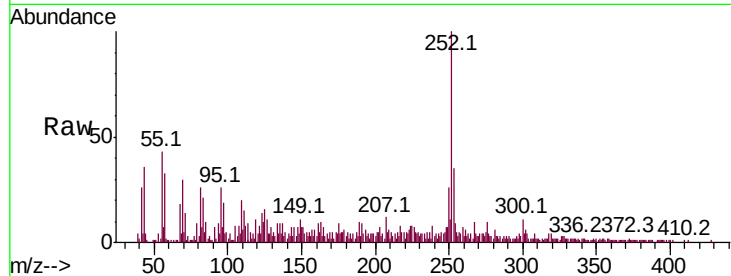
#87
Benzo(b)fluoranthene
Concen: 6.264 ng m
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
OR-03-081718-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.5	17.0	25.6#
125	16.3	9.0	13.6#

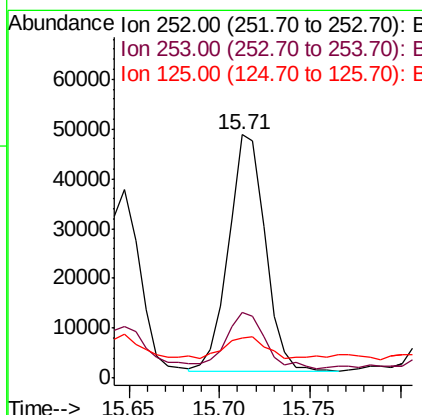
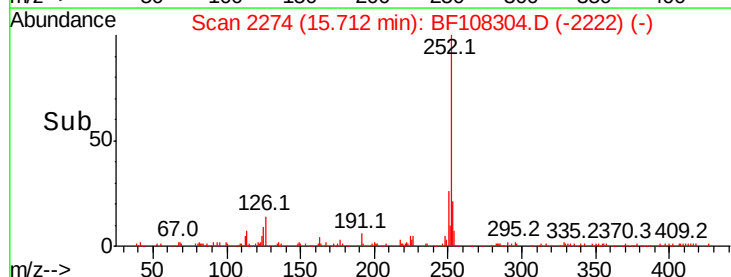
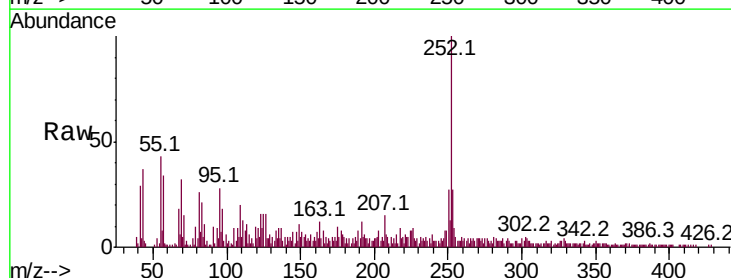
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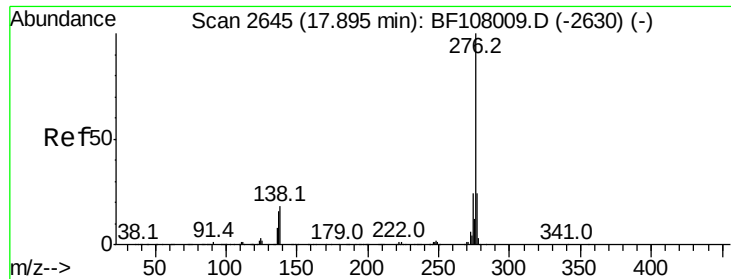
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#89
Benzo(a)pyrene
Concen: 5.115 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108304.D
Acq: 20 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	16.5	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.572 ng
 RT: 17.91 min Scan# 2648
 Delta R.T. 0.02 min
 Lab File: BF108304.D
 Acq: 20 Aug 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-081718-A

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	29.2	17.9	26.9#	
138	19.4	21.8	32.8#	

Manual Integrations
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