

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108124.D
 Acq On : 13 Aug 2018 18:53
 Operator : JU/SJ
 Sample : J4430-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 G.L-WC-01

Manual Integrations
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Sohil
 8/14/2018 2:36:49 PM

Quant Time: Aug 14 01:46:30 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	206216	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	733334	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	341072	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	602279	20.00	ng	0.01
75) Chrysene-d12	14.24	240	476842	20.00	ng	0.02
86) Perylene-d12	15.81	264	334356	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1279750	112.35	ng	0.02
7) Phenol-d6	6.64	99	1702408	112.47	ng	0.01
23) Nitrobenzene-d5	7.58	82	1073212	81.66	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	365704	107.49	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1669848	78.60	ng	0.00
78) Terphenyl-d14	13.17	244	1527183	81.43	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.77	163	233490	9.828	ng	99
70) Phenanthrene	11.60	178	287058	10.105	ng	99
71) Anthracene	11.65	178	69106	2.374	ng	99
74) Fluoranthene	12.80	202	381276	12.298	ng	96
77) Pyrene	13.03	202	384795	12.746	ng	99
80) Benzo(a)anthracene	14.22	228	166876	6.098	ng	98
82) Chrysene	14.26	228	153998	6.138	ng	97
85) Indeno(1,2,3-cd)pyrene	17.45	276	44412	2.043	ng	# 85
87) Benzo(b)fluoranthene	15.34	252	124566m	6.235	ng	
88) Benzo(k)fluoranthene	15.36	252	40148m	2.186	ng	
89) Benzo(a)pyrene	15.74	252	85997	4.807	ng	97
91) Benzo(g,h,i)perylene	17.95	276	43922	3.013	ng	# 90

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

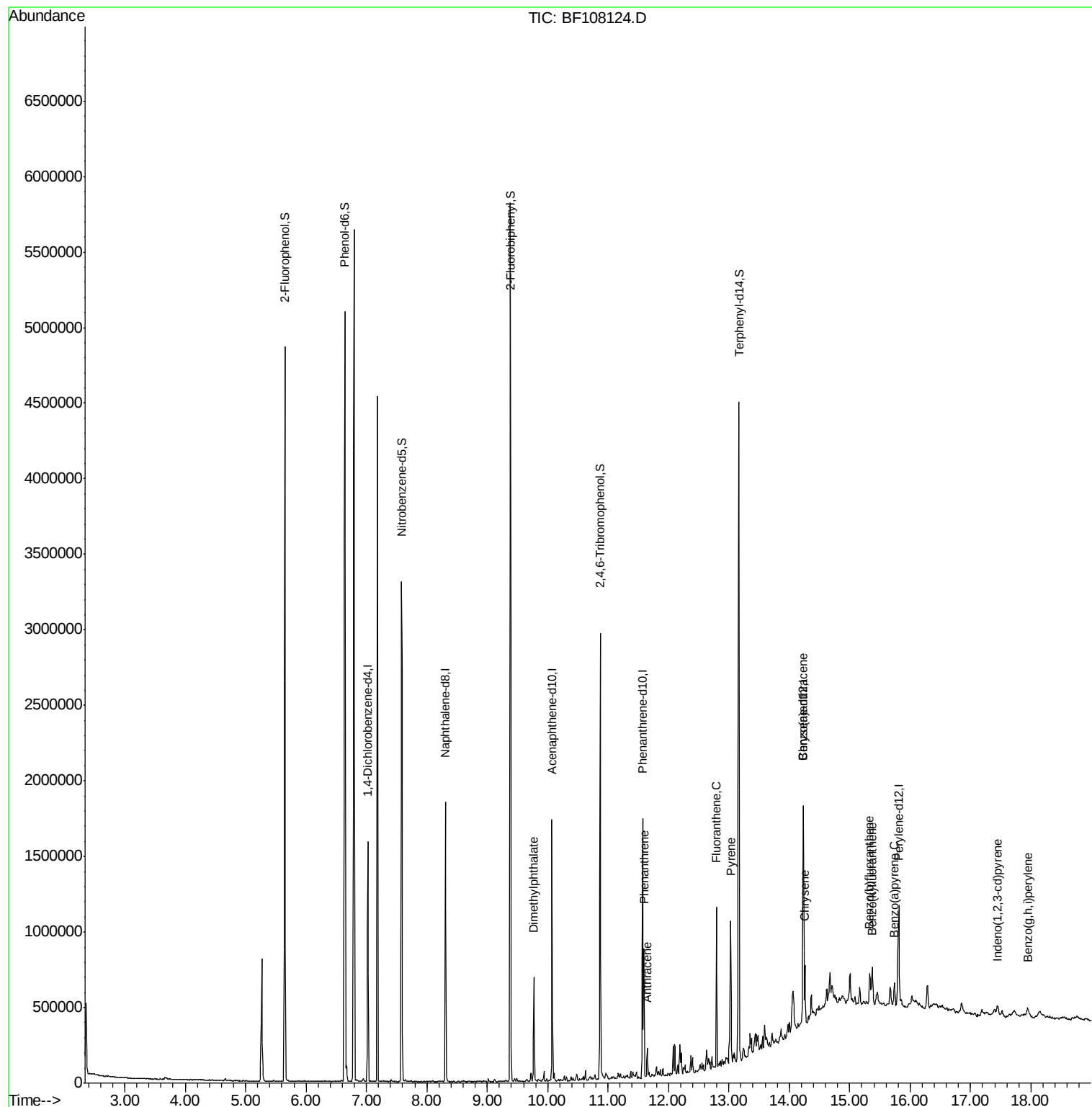
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

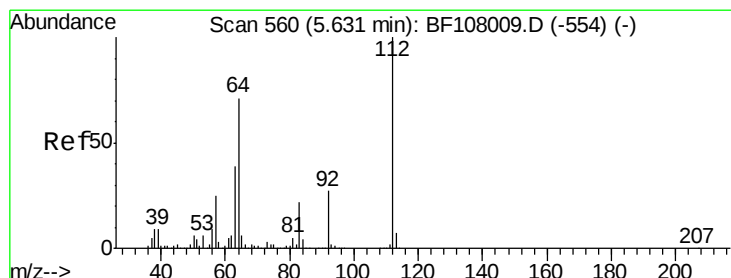
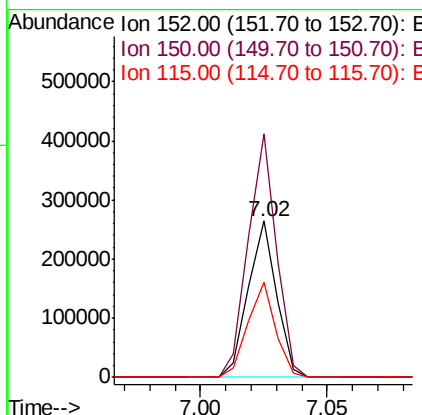
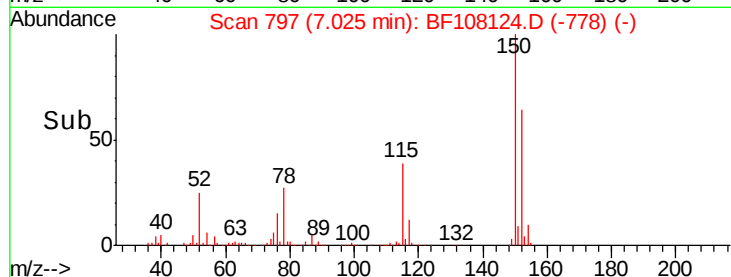
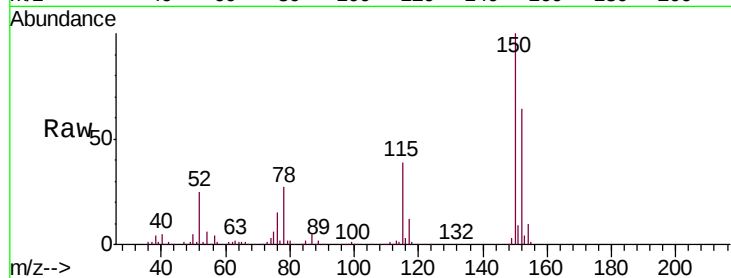
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Instrument :
BNA_F
ClientSampled :
G.L-WC-01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	206216		
150	156.1	124.6	186.8	
115	60.8	50.1	75.1	

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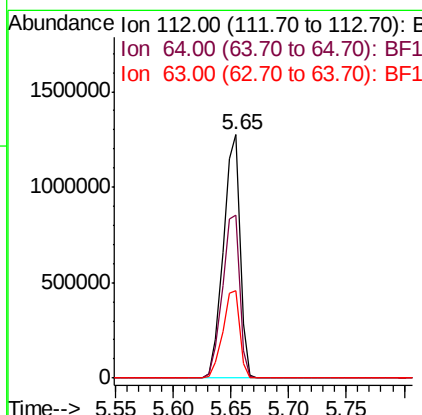
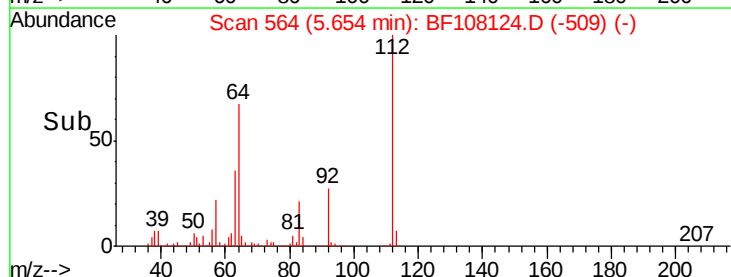
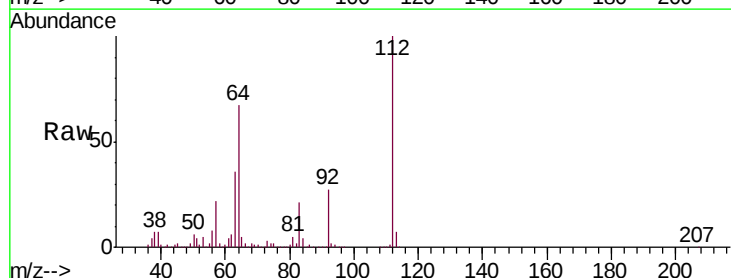
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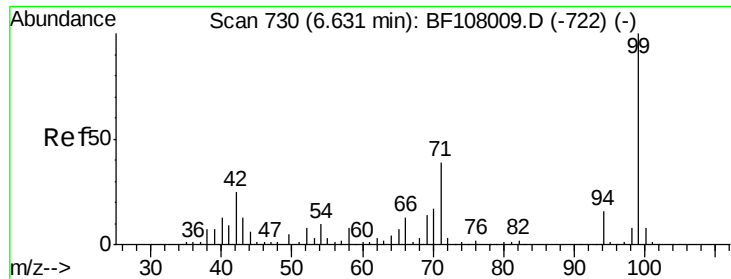


#5

2-Fluorophenol
Concen: 112.354 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1279750		
64	67.1	47.9	71.9	
63	36.0	23.7	35.5	





#7

Phenol-d6

Concen: 112.473 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108124.D

Acq: 13 Aug 2018 18:53

Instrument :

BNA_F

ClientSampleId :

G.L-WC-01

Tgt Ion: 99 Resp: 1702408

Ion Ratio Lower Upper

99 100

42 24.8 14.5 21.7#

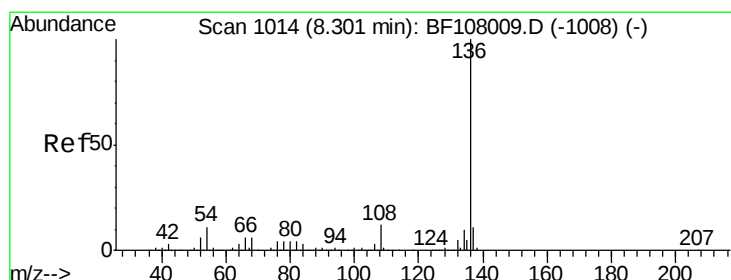
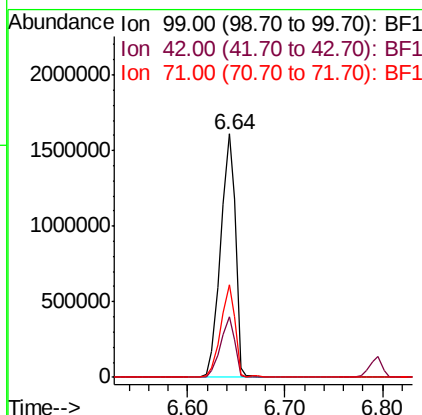
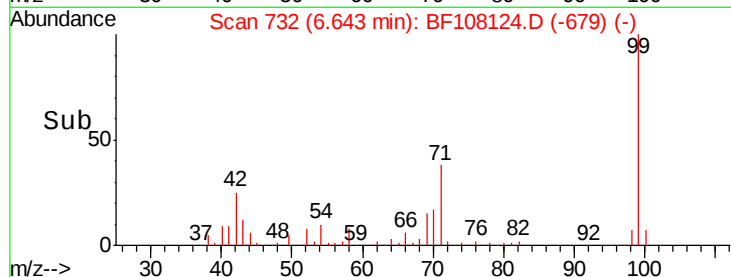
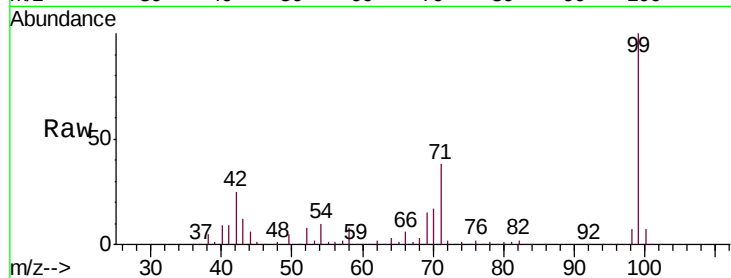
71 38.1 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108124.D

Acq: 13 Aug 2018 18:53

Tgt Ion: 136 Resp: 733334

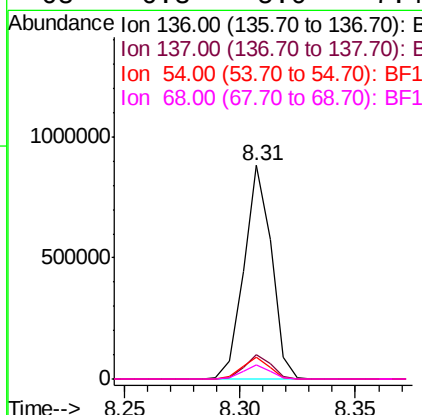
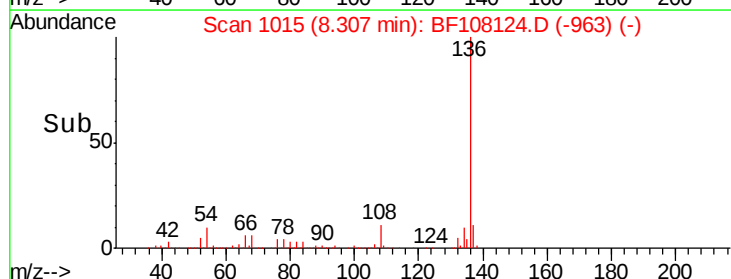
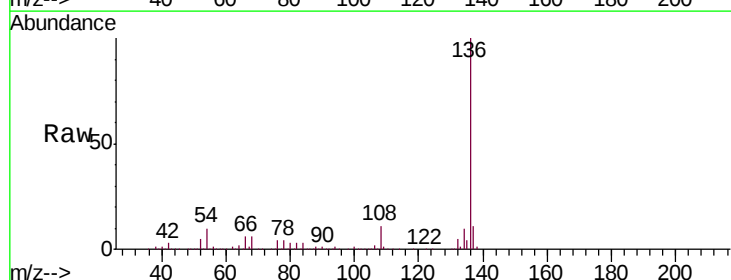
Ion Ratio Lower Upper

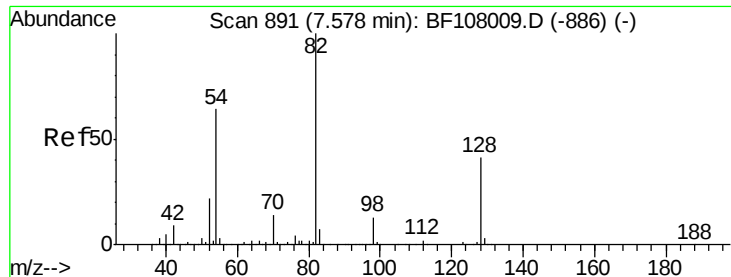
136 100

137 11.4 8.9 13.3

54 10.2 6.6 9.8#

68 6.3 5.0 7.4





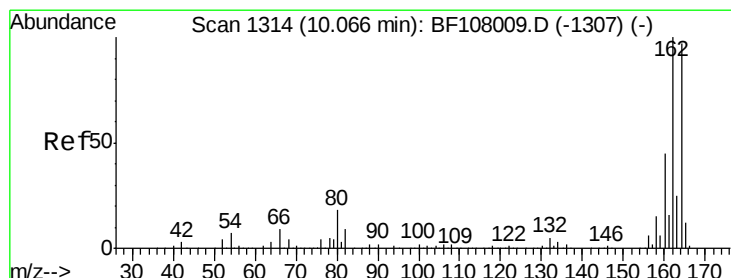
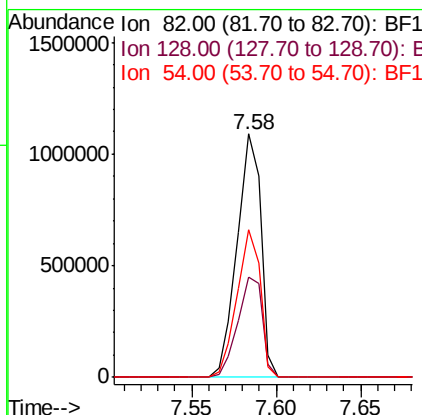
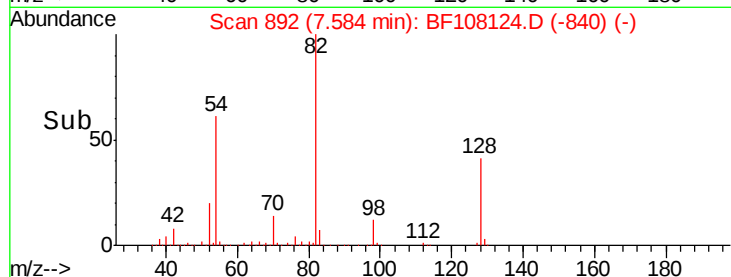
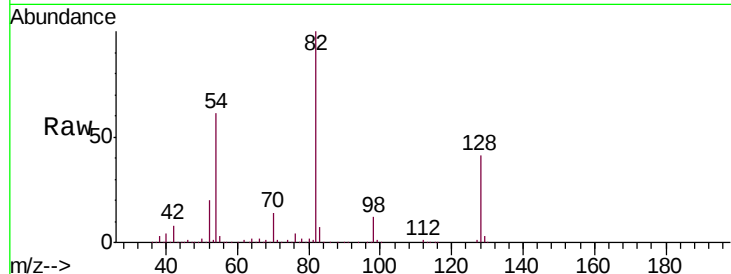
#23
Nitrobenzene-d5
Concen: 81.664 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	60.6	41.4	62.2

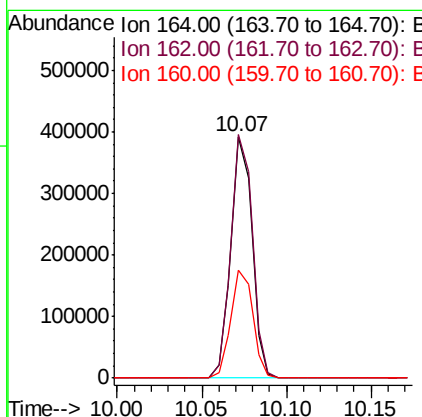
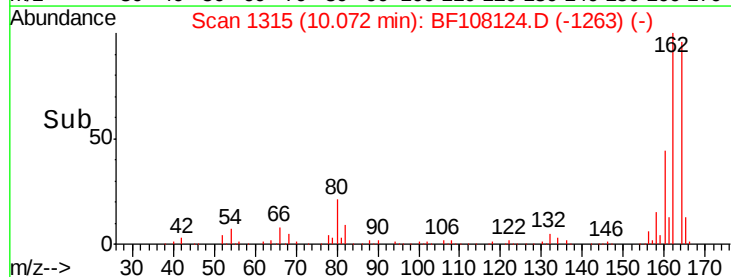
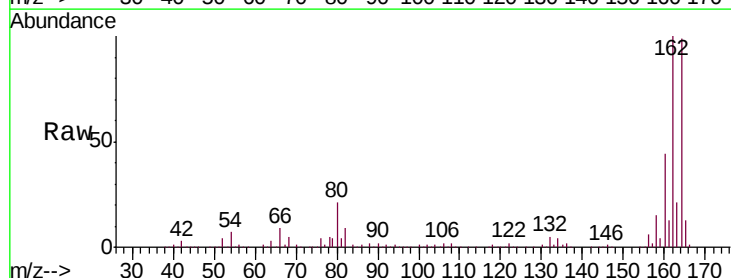
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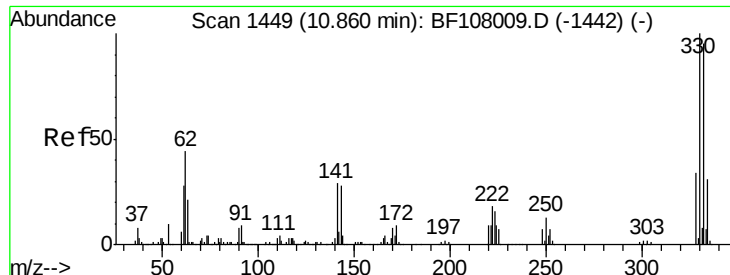
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	44.6	38.3	57.5





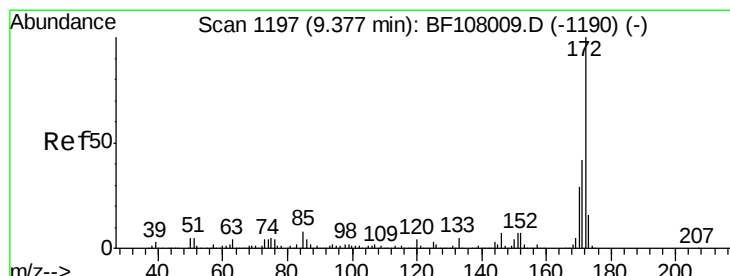
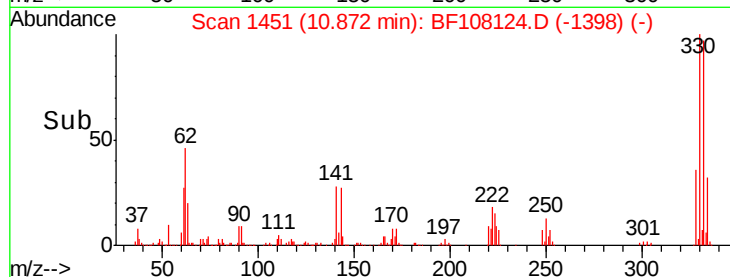
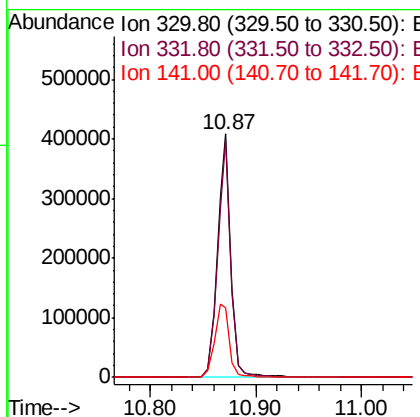
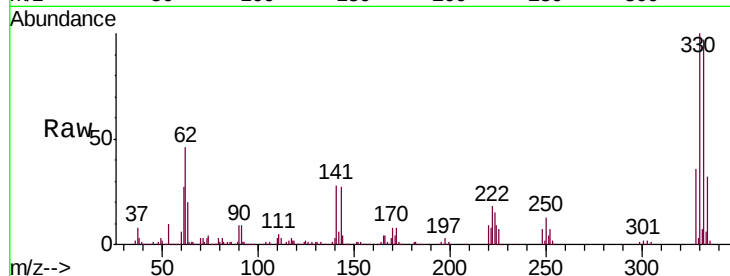
#41
 2,4,6-Tribromophenol
 Concen: 107.493 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108124.D
 Acq: 13 Aug 2018 18:53

Instrument :
 BNA_F
 ClientSampled :
 G.L-WC-01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	365704		
332	96.0	77.0	115.6	
141	33.5	29.9	44.9	

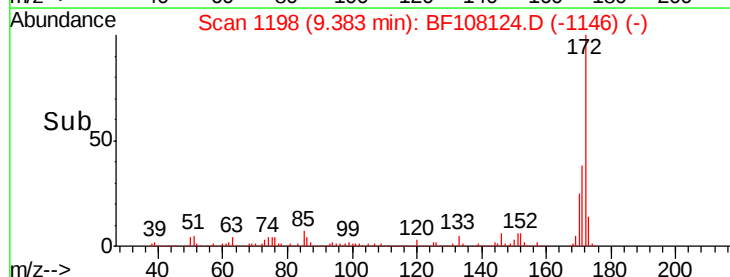
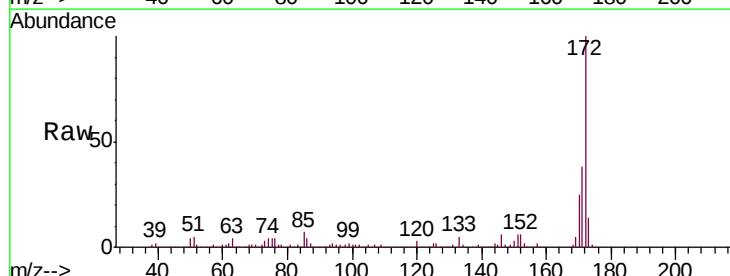
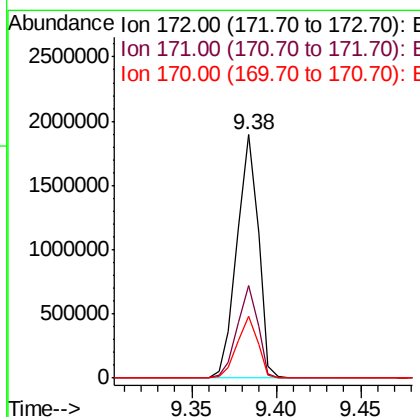
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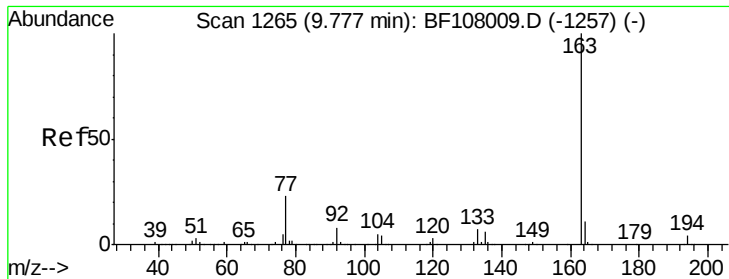
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#44
 2-Fluorobiphenyl
 Concen: 78.602 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108124.D
 Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1669848		
171	38.1	29.7	44.5	
170	25.3	19.6	29.4	





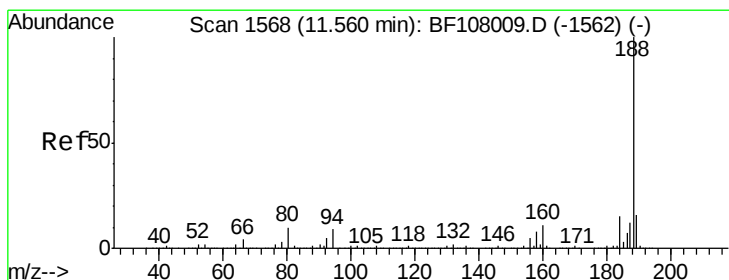
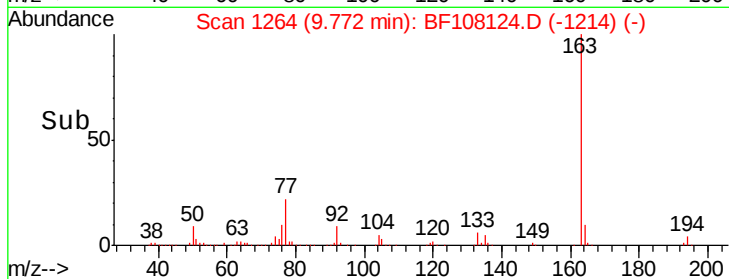
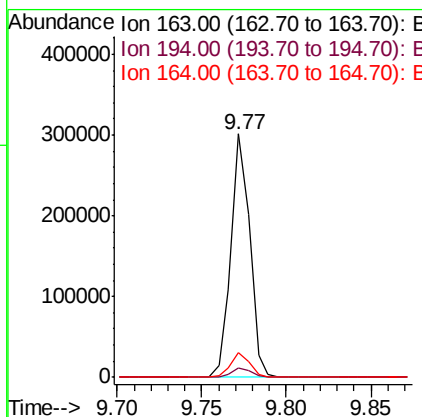
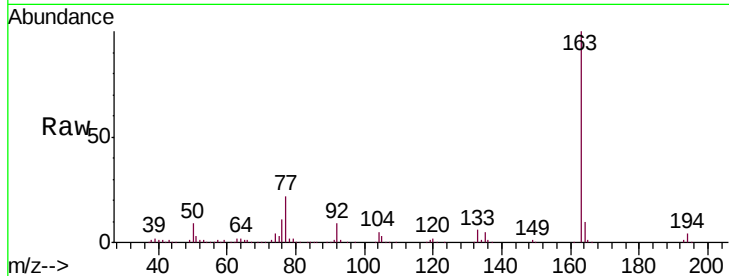
#49
Dimethylphthalate
Concen: 9.828 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	233490		
194	4.0	2.7	4.1	
164	10.3	8.2	12.2	

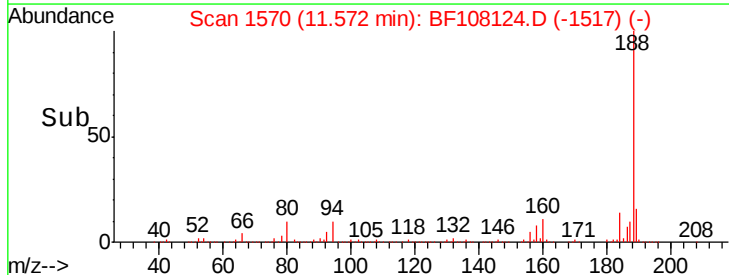
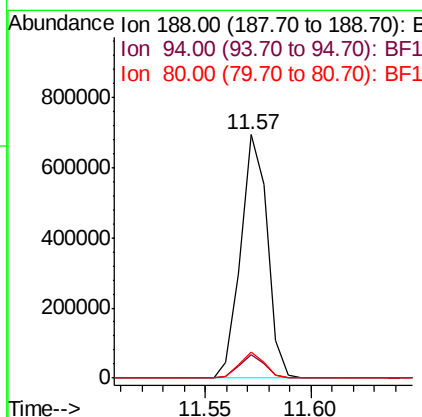
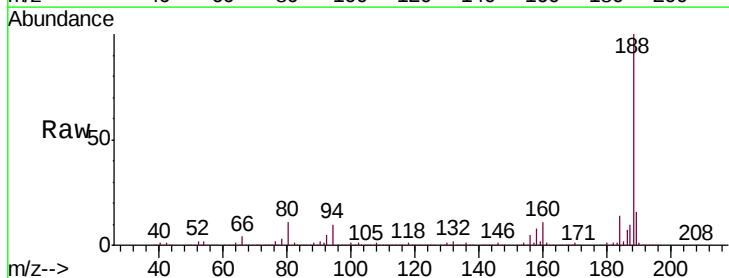
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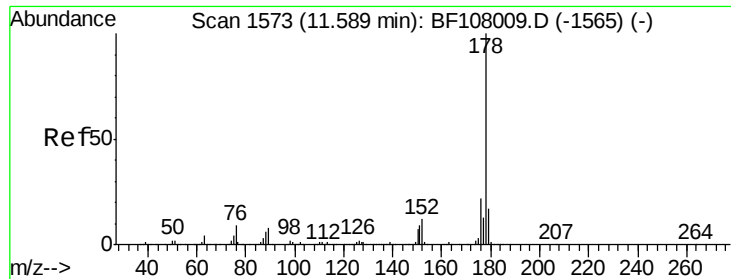
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	602279		
94	9.8	8.5	12.7	
80	10.5	9.2	13.8	





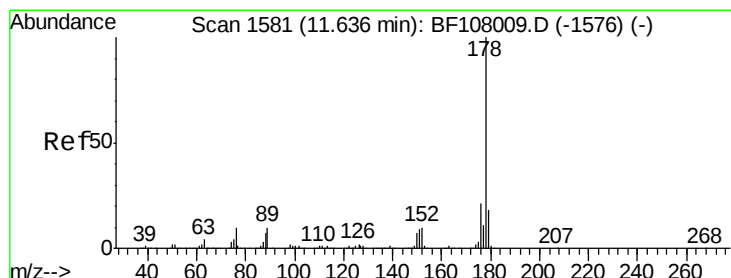
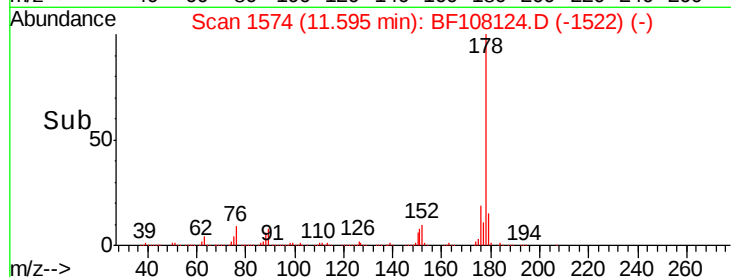
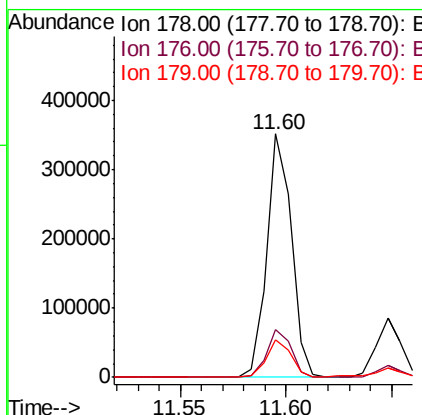
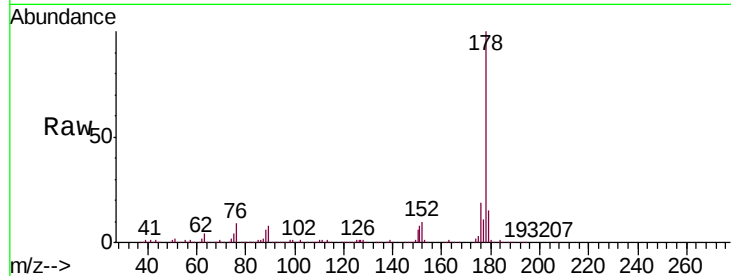
#70
Phenanthrene
Concen: 10.105 ng
RT: 11.60 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	287058		
176	19.4	15.8	23.8	
179	15.5	13.0	19.6	

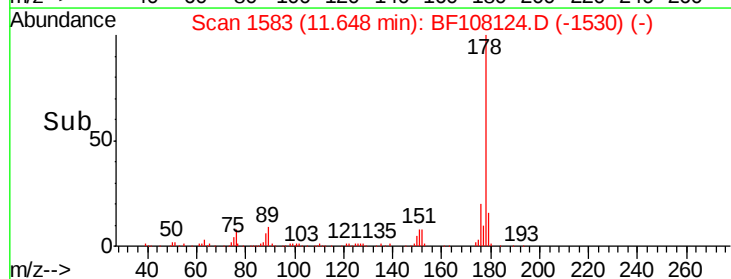
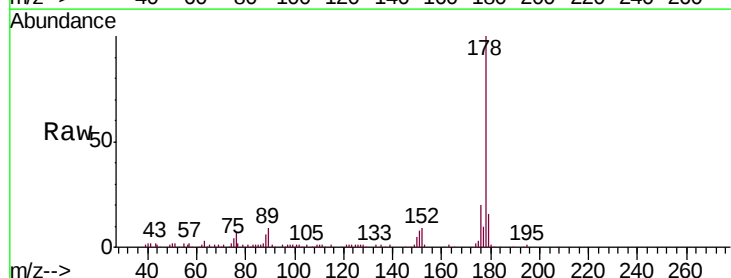
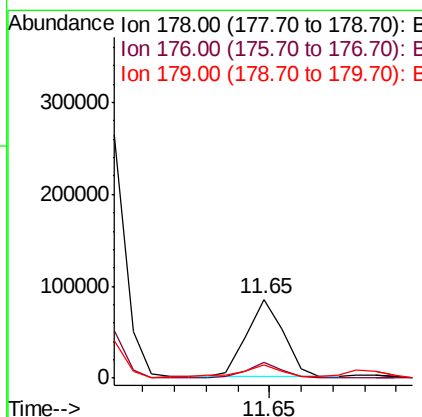
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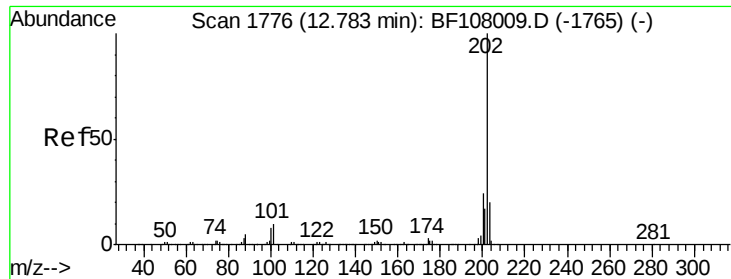
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#71
Anthracene
Concen: 2.374 ng
RT: 11.65 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	69106		
176	20.3	15.4	23.2	
179	15.9	12.6	19.0	





#74

Fluoranthene

Concen: 12.298 ng

RT: 12.80 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF108124.D

Acq: 13 Aug 2018 18:53

Instrument :

BNA_F

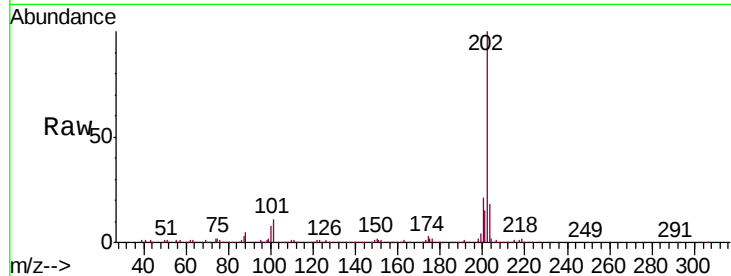
ClientSampleId :

G.L-WC-01

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		381276		
101	10.7	0.0	34.1		
203	18.0	0.0	38.1		

Manual Integrations
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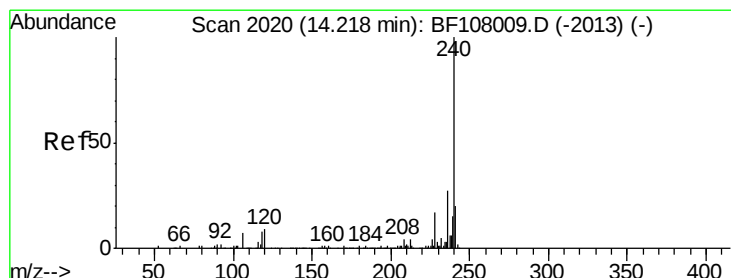
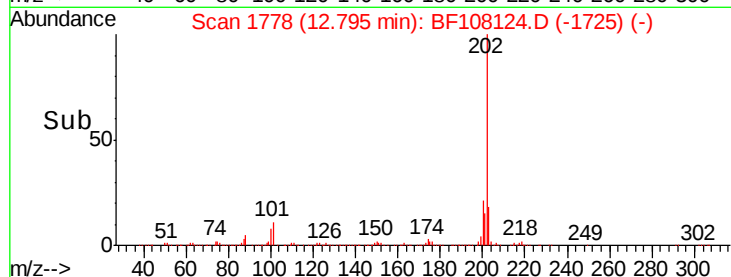
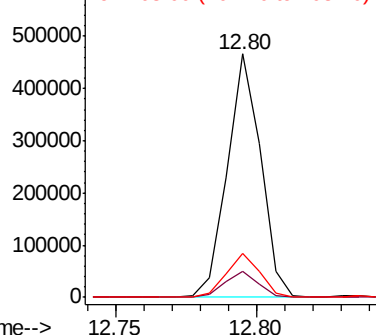


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

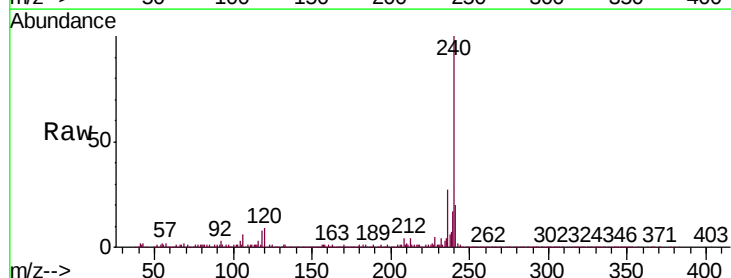
RT: 14.24 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF108124.D

Acq: 13 Aug 2018 18:53

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		476842		
120	9.0	9.5	14.3#		
236	26.7	20.7	31.1		

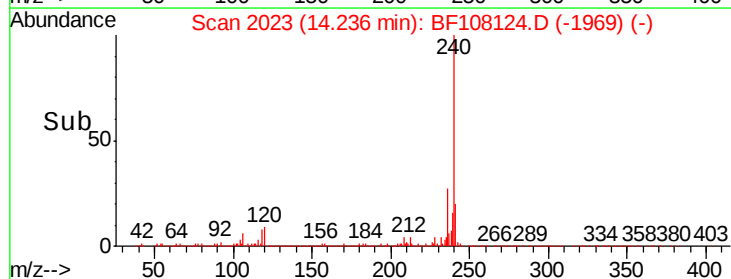
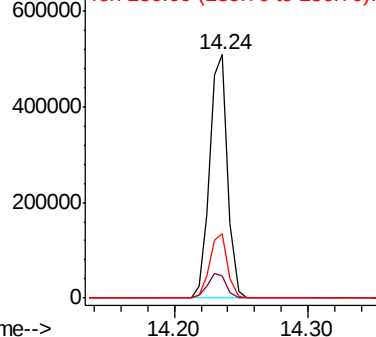


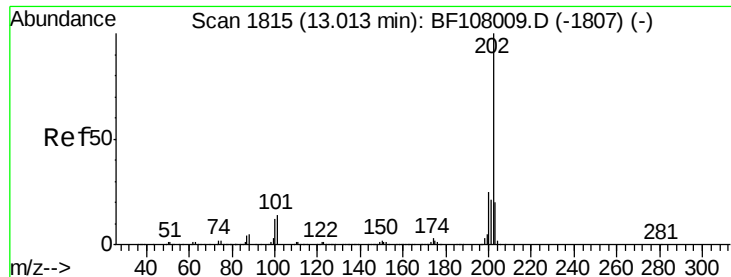
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 12.746 ng

RT: 13.03 min Scan# 1818

Delta R.T. 0.02 min

Lab File: BF108124.D

Acq: 13 Aug 2018 18:53

Instrument :

BNA_F

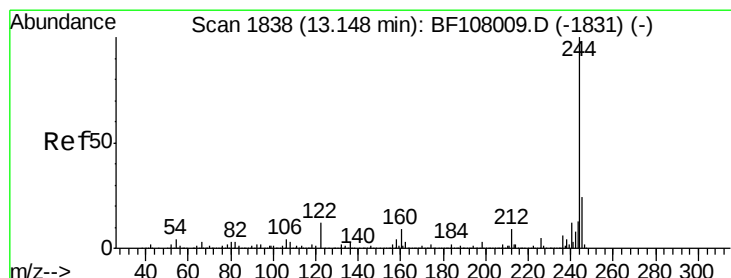
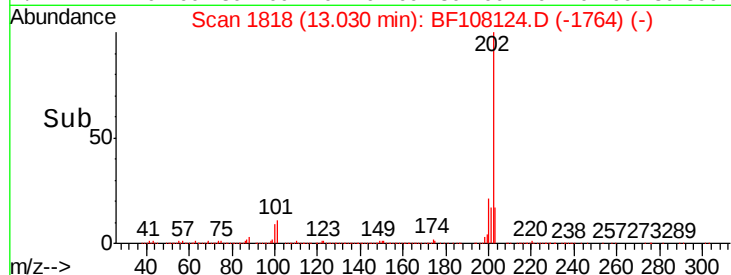
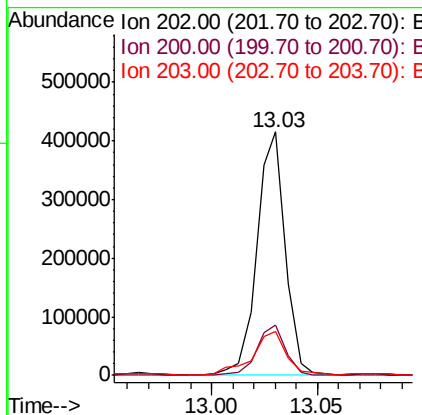
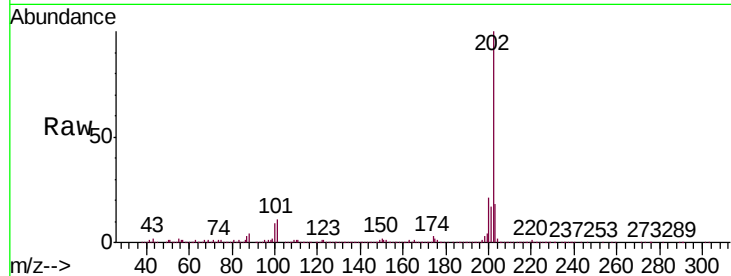
ClientSampled :

G.L-WC-01

Tgt Ion:	202	Resp:	384795
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 81.431 ng

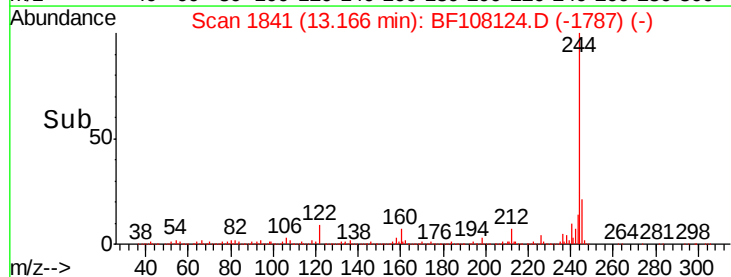
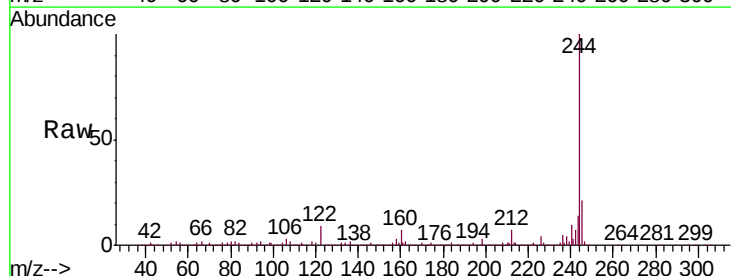
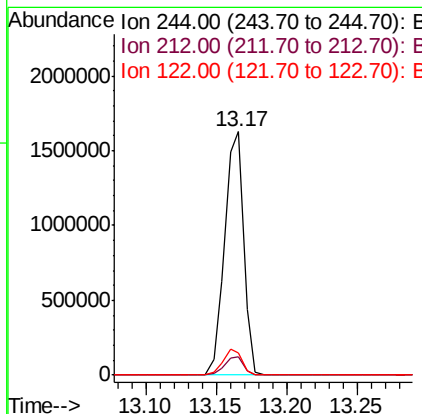
RT: 13.17 min Scan# 1841

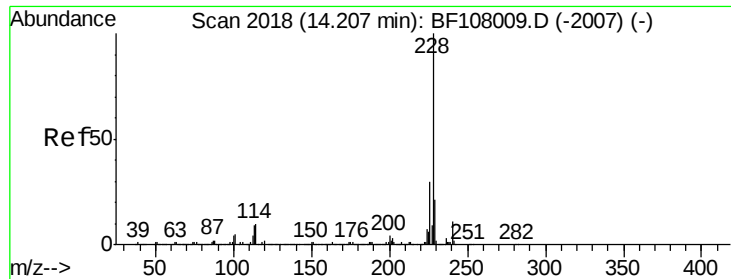
Delta R.T. 0.02 min

Lab File: BF108124.D

Acq: 13 Aug 2018 18:53

Tgt Ion:	244	Resp:	1527183
Ion Ratio		Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.2	11.0	16.4#





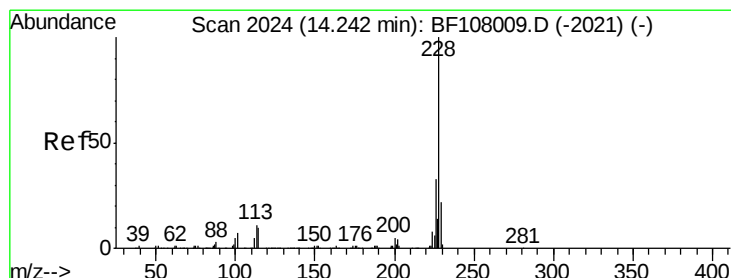
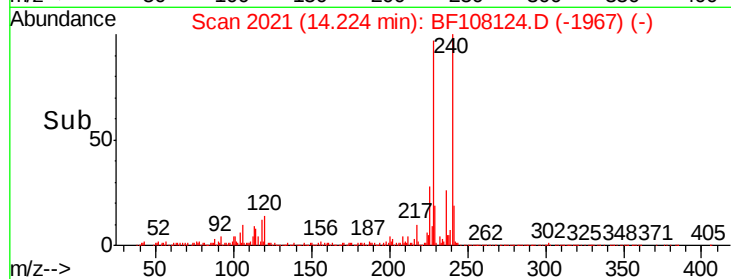
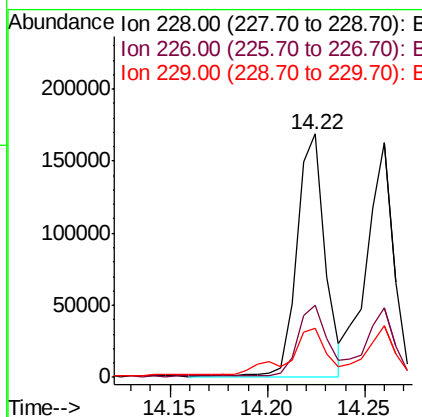
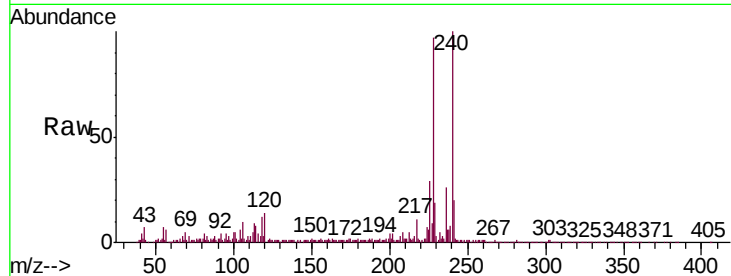
#80
Benzo(a)anthracene
Concen: 6.098 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.1	15.8	23.6

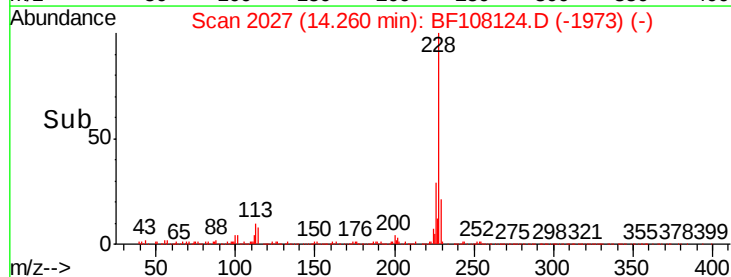
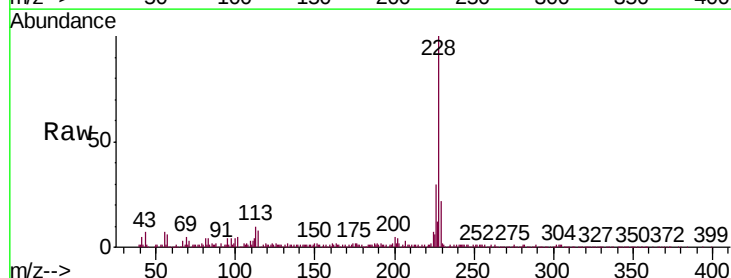
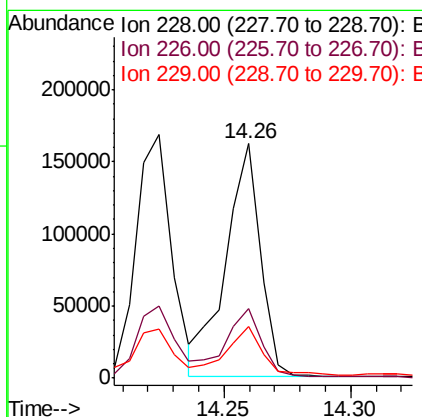
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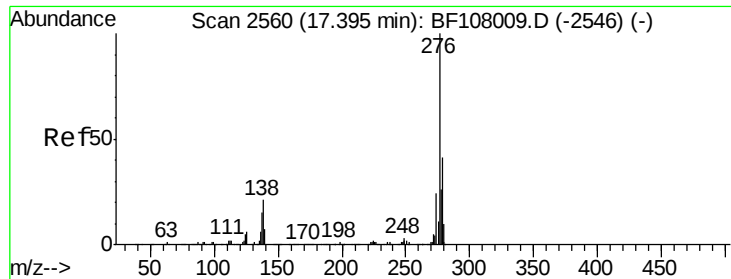
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#82
Chrysene
Concen: 6.138 ng
RT: 14.26 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.9	16.2	24.4





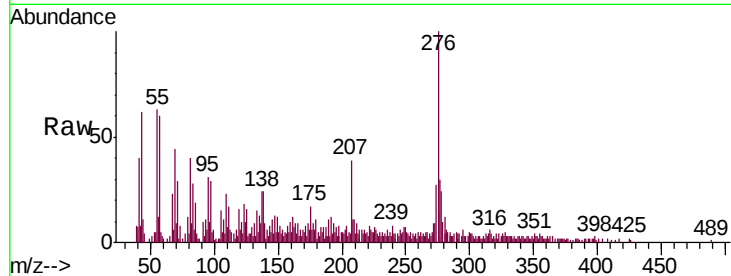
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.043 ng
 RT: 17.45 min Scan# 2569
 Delta R.T. 0.05 min
 Lab File: BF108124.D
 Acq: 13 Aug 2018 18:53

Instrument :
 BNA_F
 ClientSampled :
 G.L-WC-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	28.5	20.1	30.1

Manual Integrations
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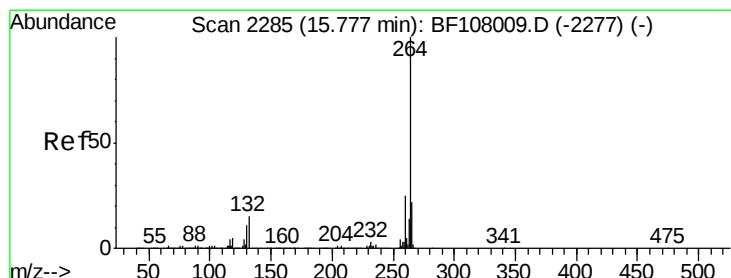
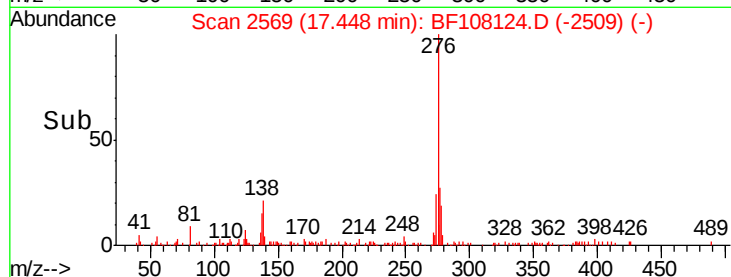
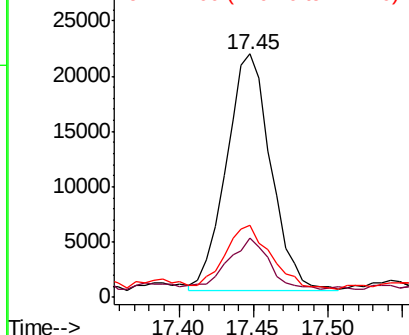


Abundance

Ion 276.00 (275.70 to 276.70): E

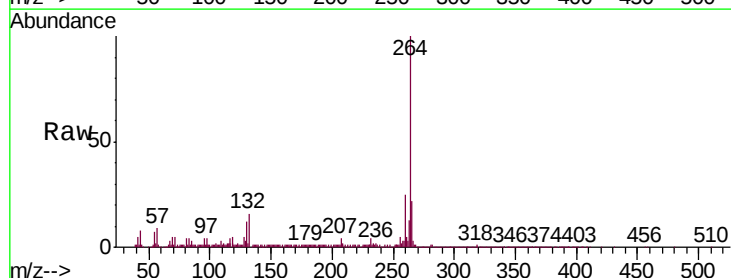
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.81 min Scan# 2291
 Delta R.T. 0.04 min
 Lab File: BF108124.D
 Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.3	17.5	26.3

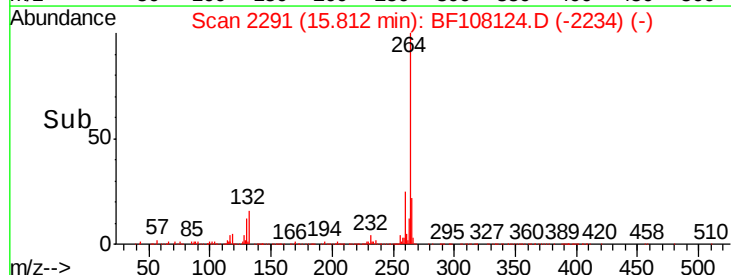
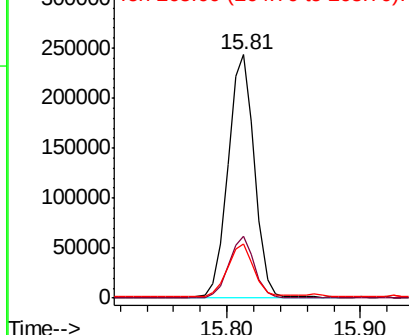


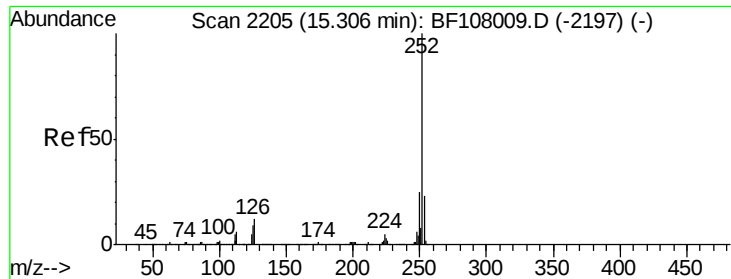
Abundance

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





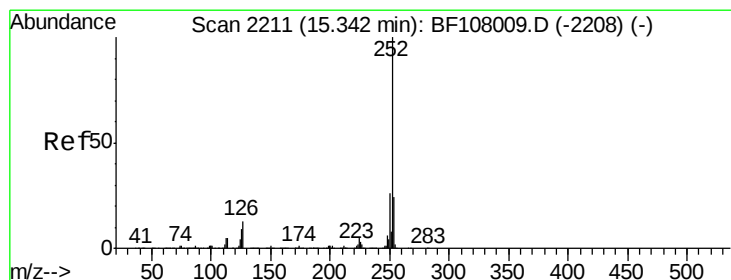
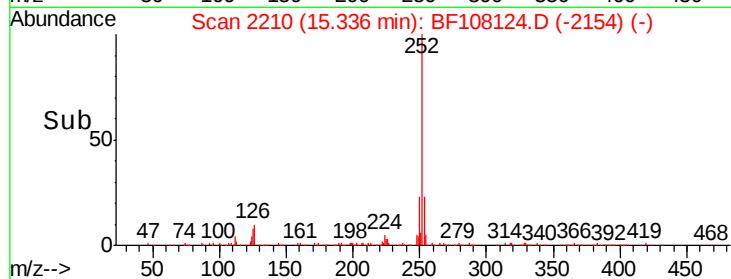
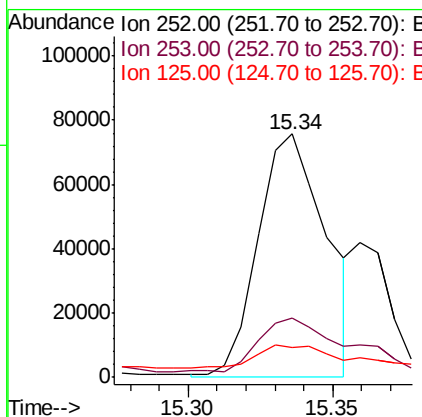
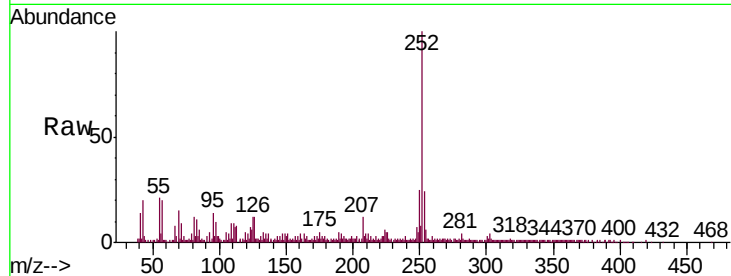
#87
Benzo(b)fluoranthene
Concen: 6.235 ng m
RT: 15.34 min Scan# 2210
Delta R.T. 0.03 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	124566		
253	24.4		17.0	25.6
125	12.5		9.0	13.6

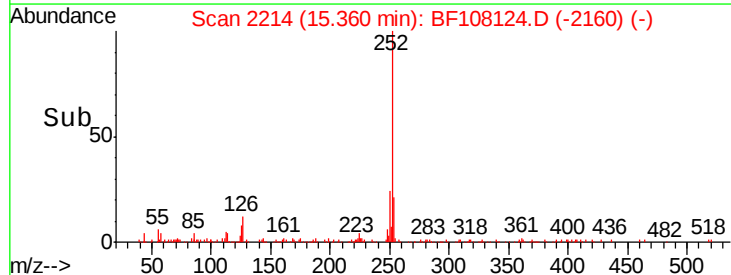
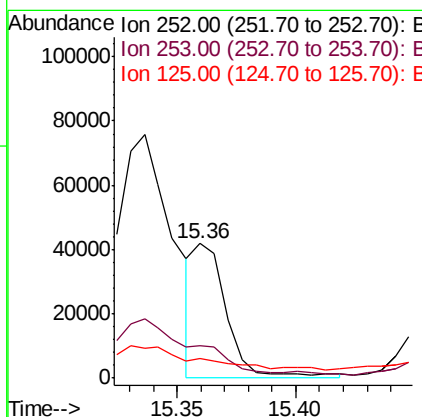
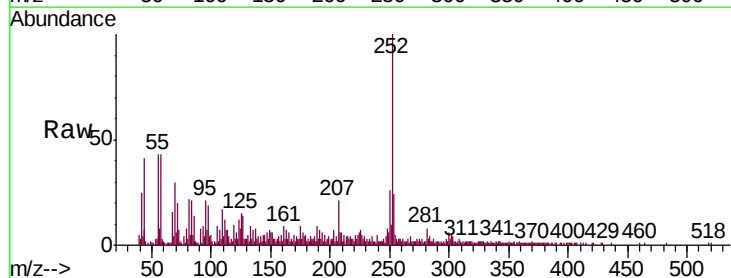
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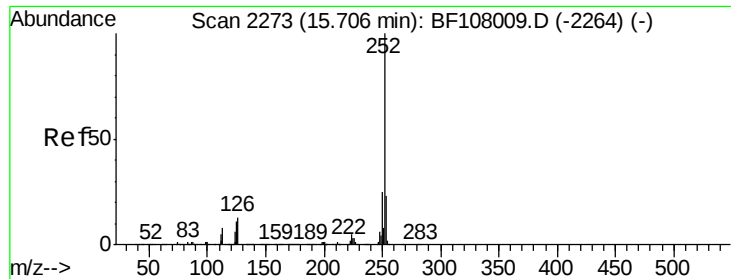
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#88
Benzo(k)fluoranthene
Concen: 2.186 ng m
RT: 15.36 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	40148		
253	24.2		17.9	26.9
125	14.7		10.2	15.2





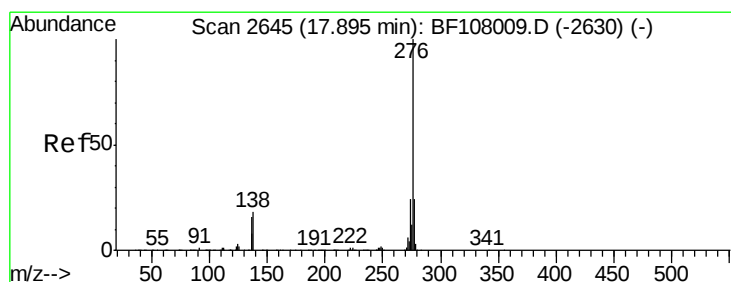
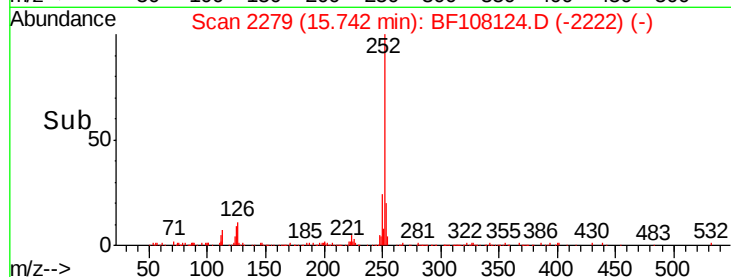
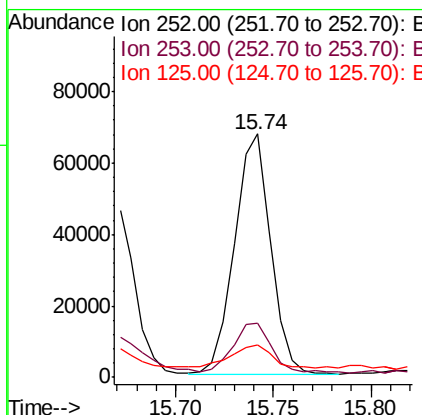
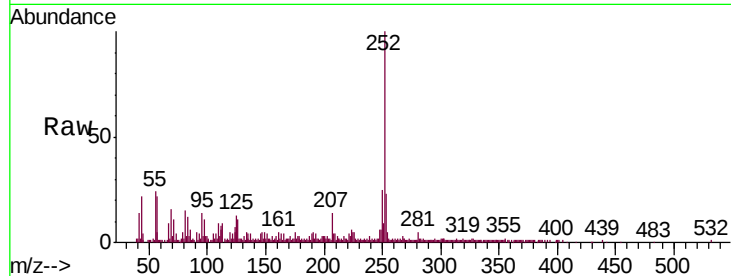
#89
Benzo(a)pyrene
Concen: 4.807 ng
RT: 15.74 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.4	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.013 ng
RT: 17.95 min Scan# 2655
Delta R.T. 0.06 min
Lab File: BF108124.D
Acq: 13 Aug 2018 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	22.8	21.8	32.8

