

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109103.D
 Acq On : 18 Sep 2018 18:41
 Operator : JU/SJ
 Sample : J4947-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 97-20

Manual Integrations
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Sohil
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Quant Time: Sep 19 09:28:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120943	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	421634	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	159699	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	188747	20.00	ng	0.02
75) Chrysene-d12	13.88	240	262974	20.00	ng	0.02
86) Perylene-d12	15.28	264	329800	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	226368	31.09	ng	0.00
7) Phenol-d6	6.35	99	277855	29.59	ng	-0.01
23) Nitrobenzene-d5	7.28	82	161955	21.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	41736	24.08	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	273748	26.86	ng	0.00
78) Terphenyl-d14	12.84	244	184961	16.67	ng	0.03
Target Compounds						
49) Dimethylphthalate	9.47	163	37649	3.298	ng	# 88
74) Fluoranthene	12.47	202	71026	7.271	ng	# 81
77) Pyrene	12.70	202	74539	3.816	ng	# 82
80) Benzo(a)anthracene	13.87	228	46417	2.915	ng	# 83
82) Chrysene	13.91	228	55040	3.455	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.87	149	39897	3.777	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.62	276	35610	2.796	ng	# 90
87) Benzo(b)fluoranthene	14.88	252	93945m	5.149	ng	# 67
89) Benzo(a)pyrene	15.21	252	57409	3.543	ng	# 67
91) Benzo(g,h,i)perylene	17.02	276	31647	2.325	ng	# 89

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

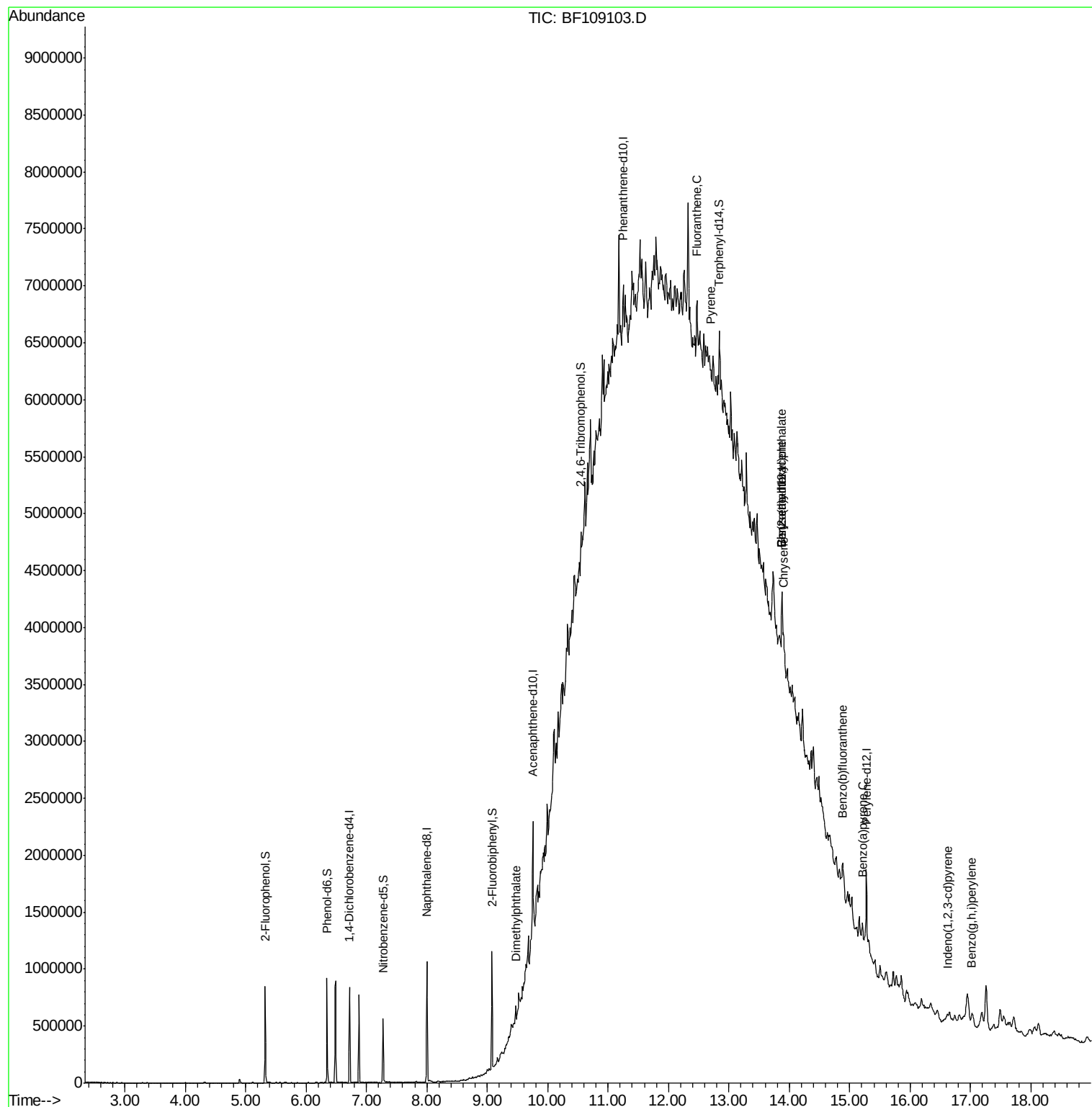
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109103.D
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Operator : JU/SJ
Sample : J4947-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

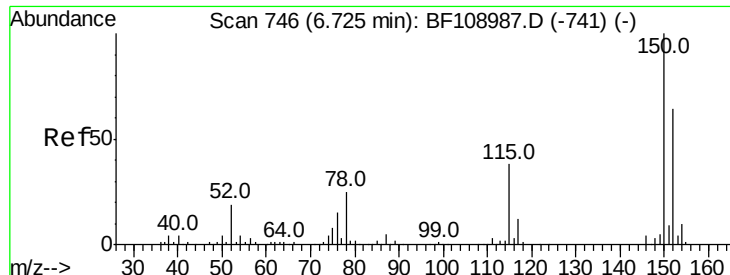
Instrument :
BNA_F
ClientSampleId :
97-20

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Quant Time: Sep 19 09:28:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

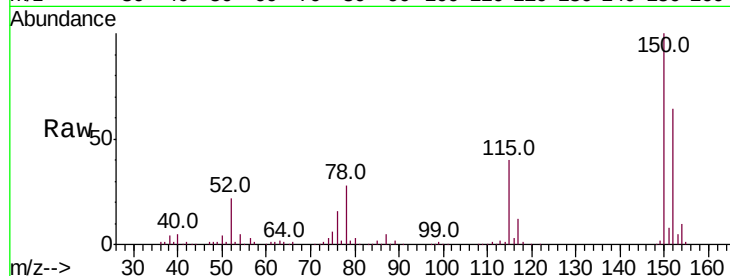
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	63.3	50.1	75.1

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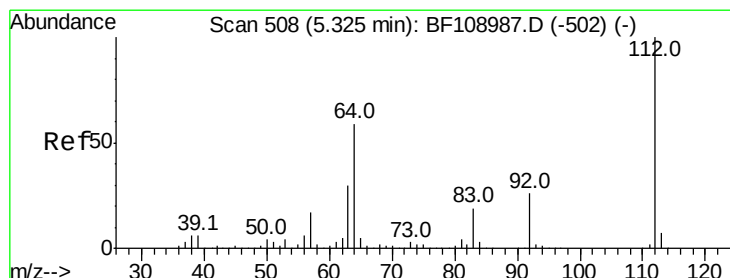
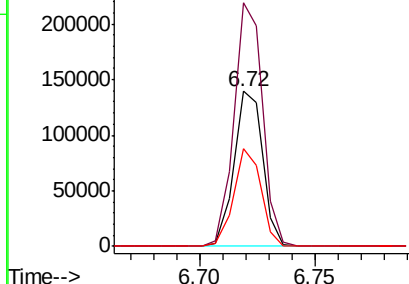
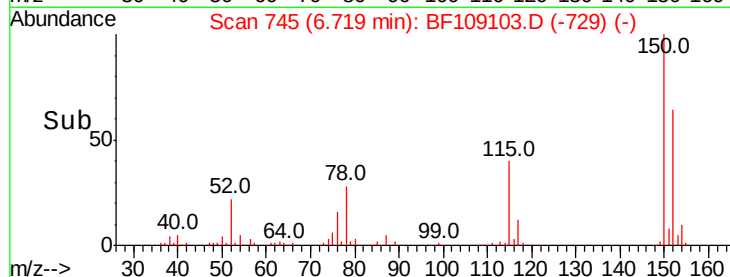


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

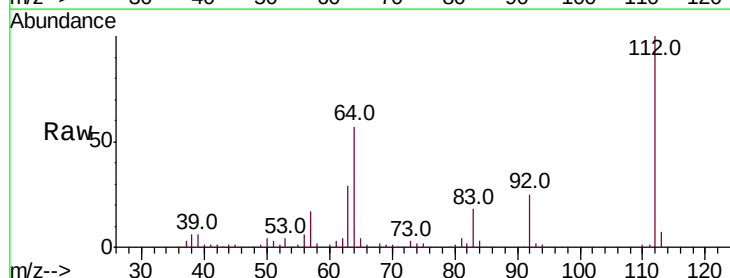
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 31.087 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	28.8	23.7	35.5

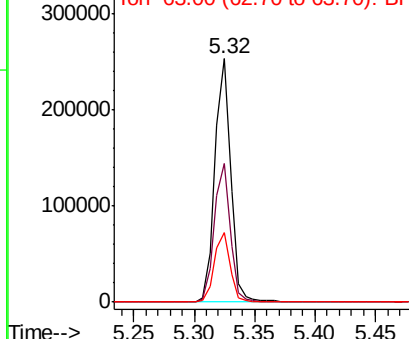
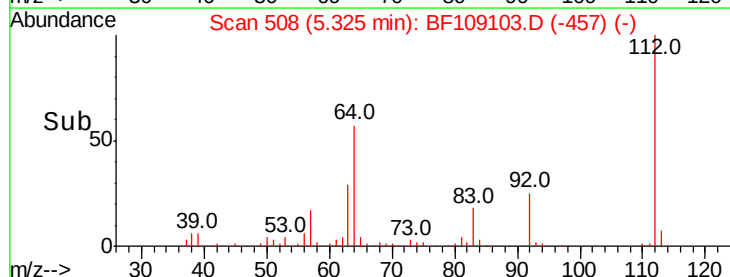


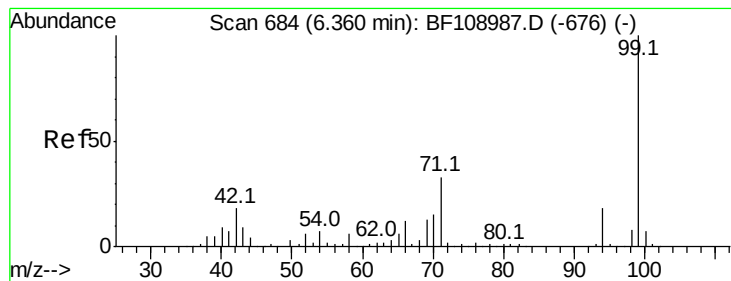
Abundance

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





#7

Phenol-d6

Concen: 29.592 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109103.D

Acq: 18 Sep 2018 18:41

Instrument :

BNA_F

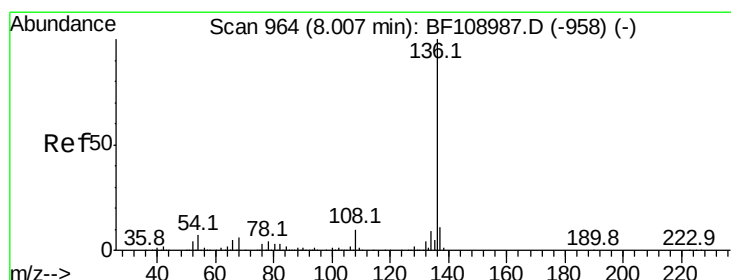
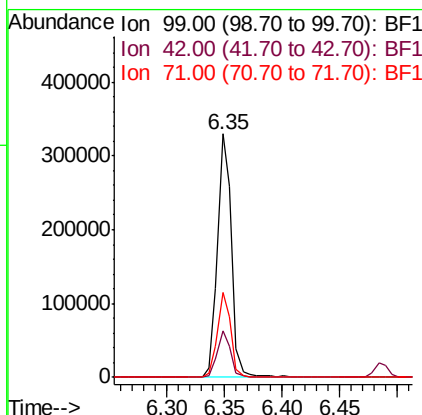
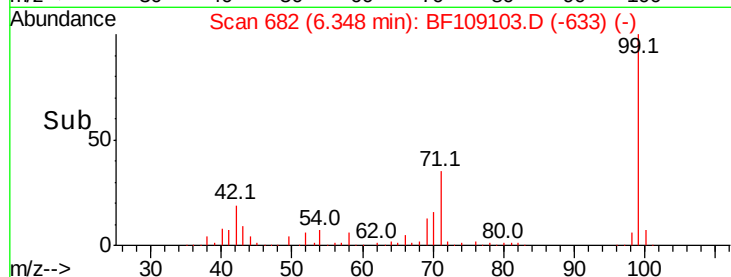
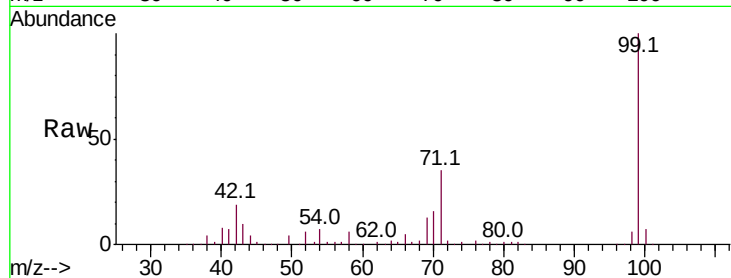
ClientSampled :

97-20

Tot Ion:	99	Resp:	277855
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.5	21.7
71	34.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

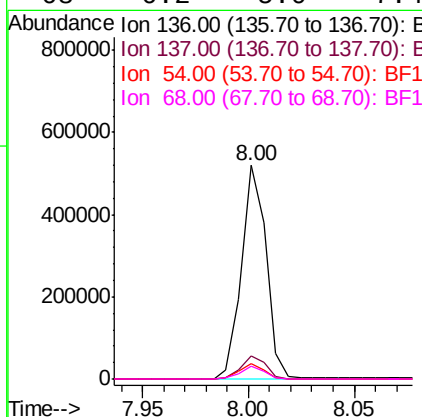
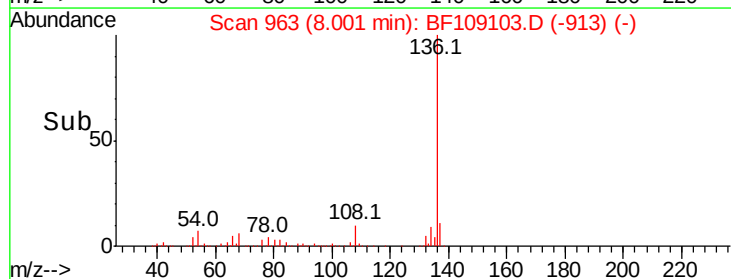
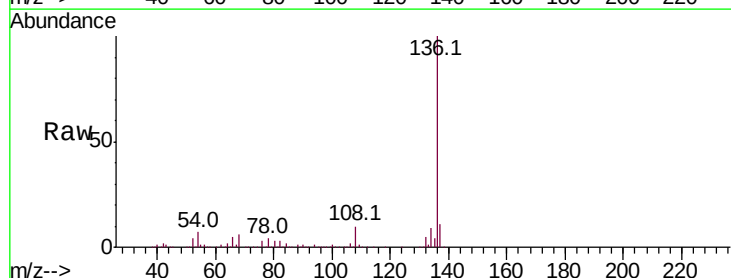
RT: 8.00 min Scan# 963

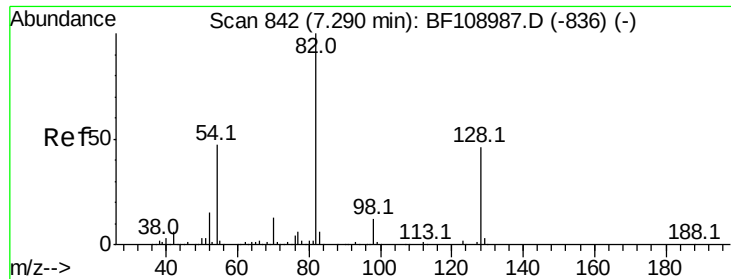
Delta R.T. -0.01 min

Lab File: BF109103.D

Acq: 18 Sep 2018 18:41

Tgt Ion:	136	Resp:	421634
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	6.2	5.0	7.4





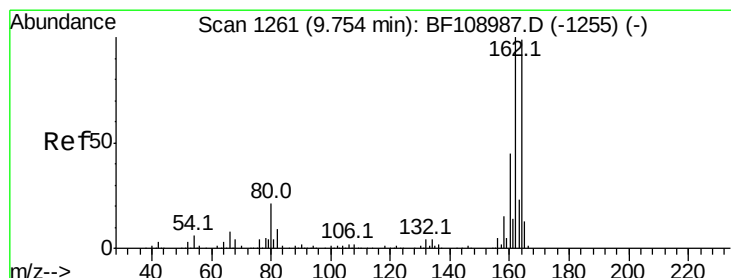
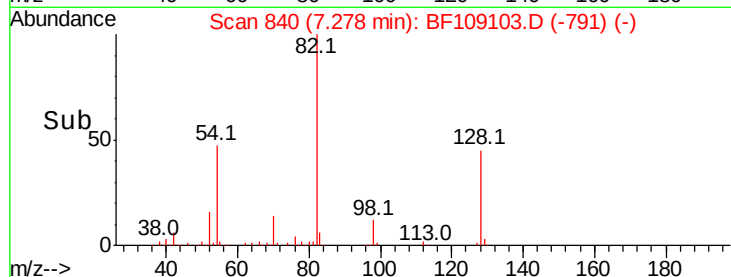
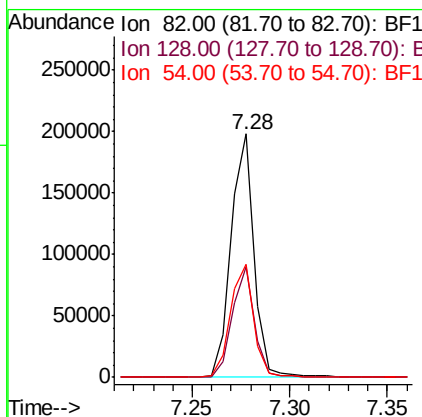
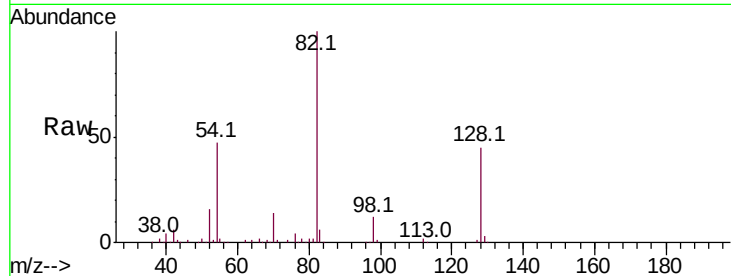
#23
 Nitrobenzene-d5
 Concen: 21.544 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109103.D
 Acq: 18 Sep 2018 18:41

Instrument :
 BNA_F
 ClientSampled :
 97-20

Tot Ion	Ratio	Resp	Lower	Upper
82	100	161955		
128	45.2	36.1	54.1	
54	46.7	41.4	62.2	

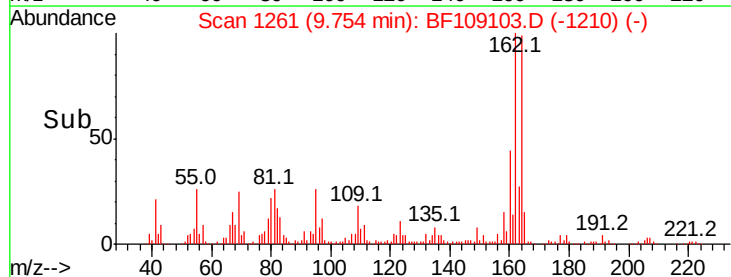
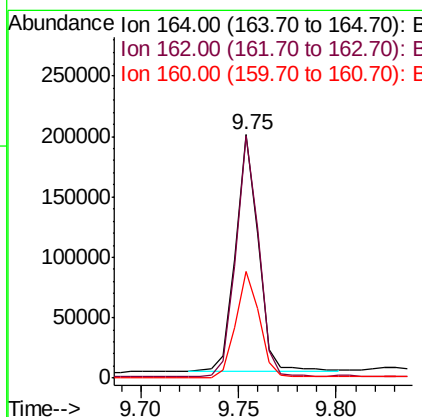
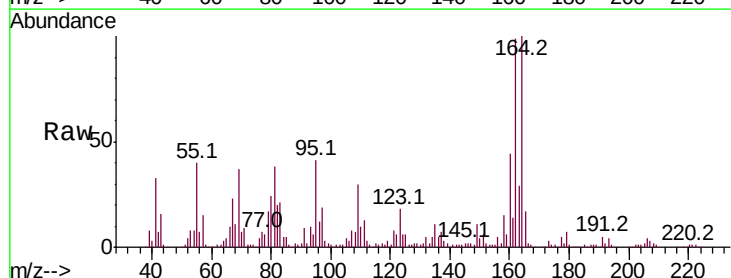
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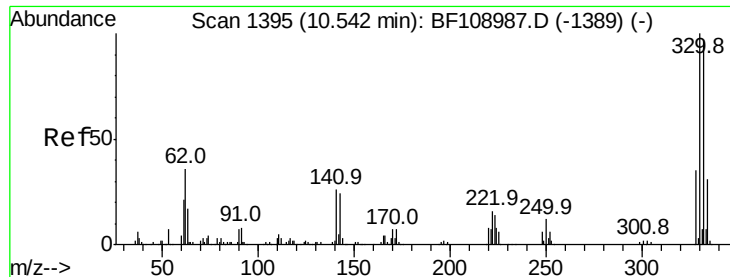
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109103.D
 Acq: 18 Sep 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159699		
162	99.5	86.1	129.1	
160	44.0	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 24.081 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF109103.D

Acq: 18 Sep 2018 18:41

Instrument :

BNA_F

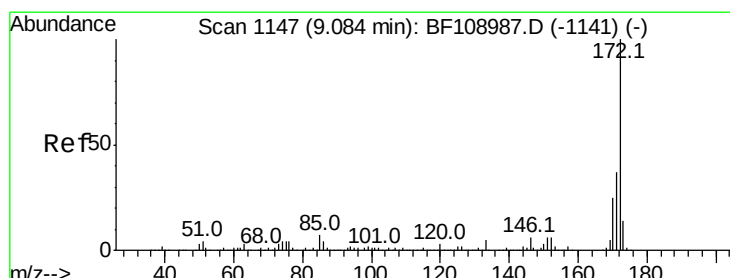
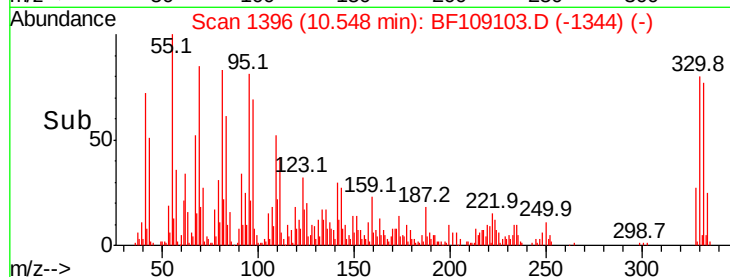
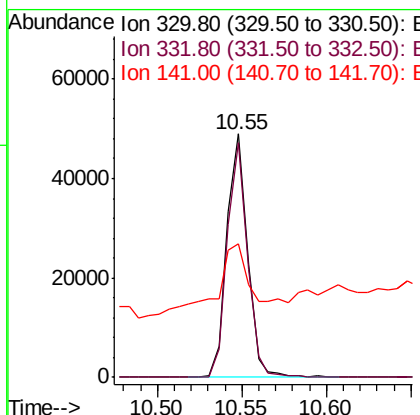
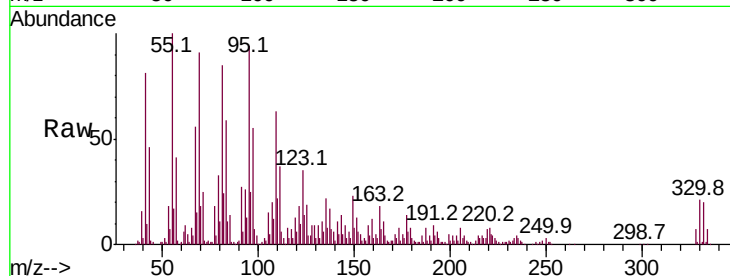
ClientSampled :

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Tot Ion:	330	Resp:	41736
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.0	115.6
141	47.0	29.9	44.9#

Manual Integrations
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#44

2-Fluorobiphenyl

Concen: 26.856 ng

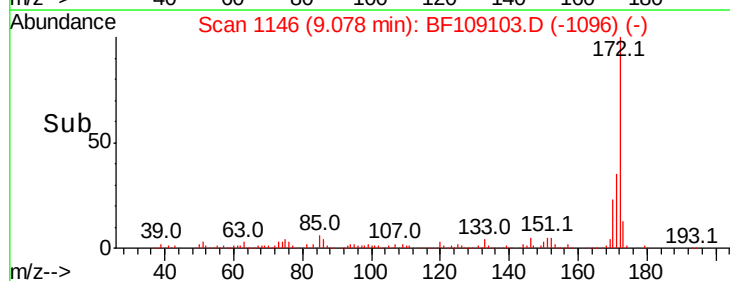
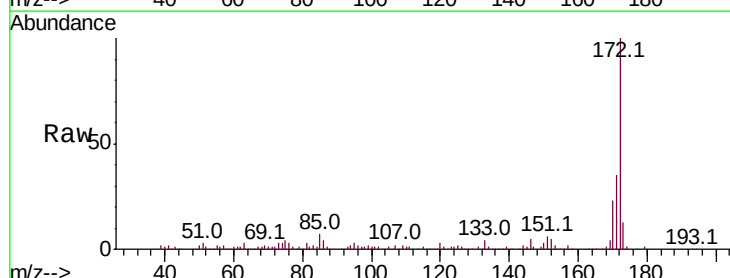
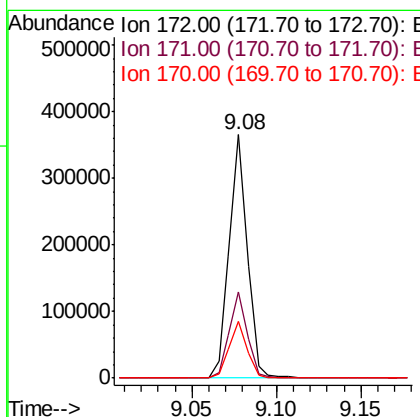
RT: 9.08 min Scan# 1146

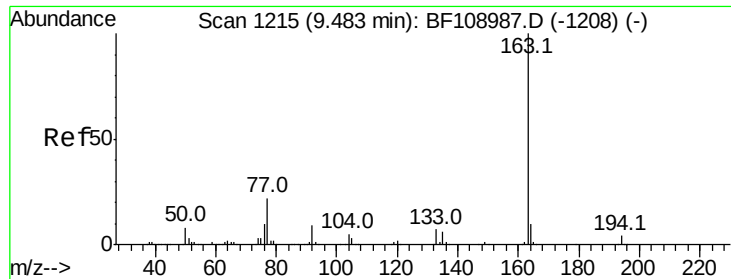
Delta R.T. -0.01 min

Lab File: BF109103.D

Acq: 18 Sep 2018 18:41

Tgt Ion:	172	Resp:	273748
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.7	44.5
170	23.1	19.6	29.4





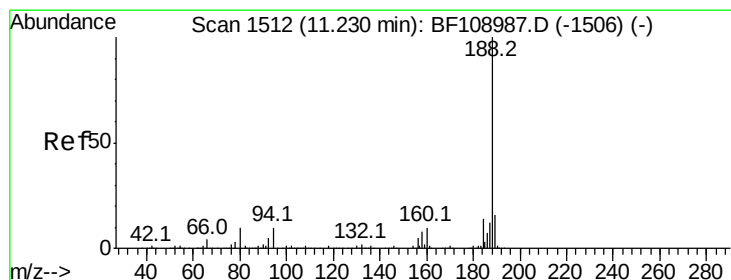
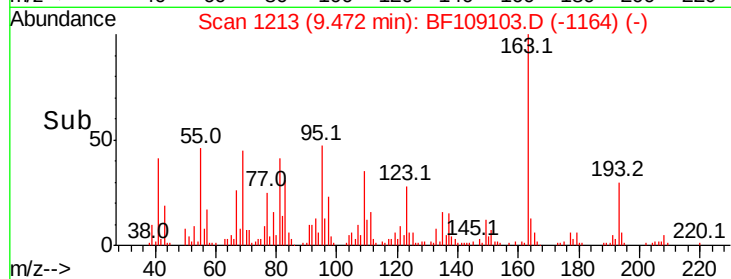
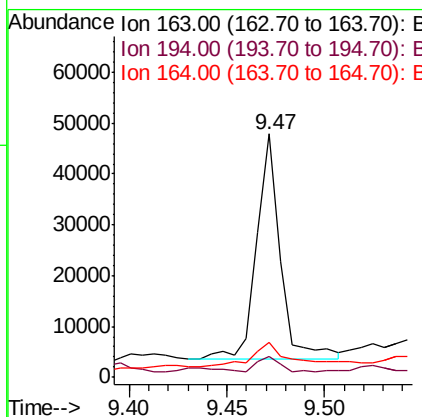
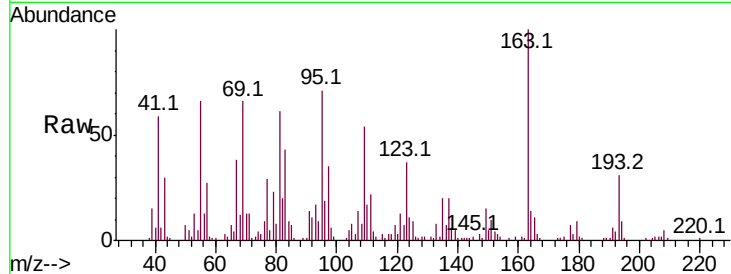
#49
 Dimethylphthalate
 Concen: 3.298 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109103.D
 Acq: 18 Sep 2018 18:41

Instrument :
 BNA_F
 ClientSampled :
 97-20

Tot Ion	Ratio	Lower	Upper
163	100		
194	8.7	2.7	4.1#
164	14.2	8.2	12.2#

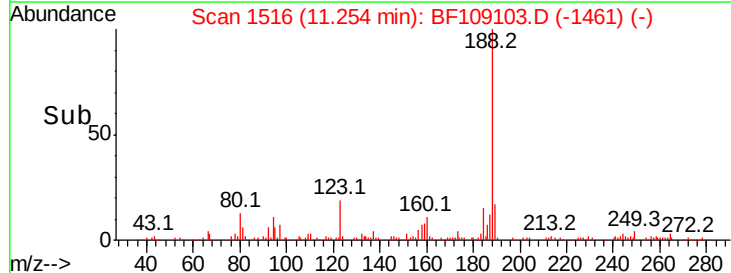
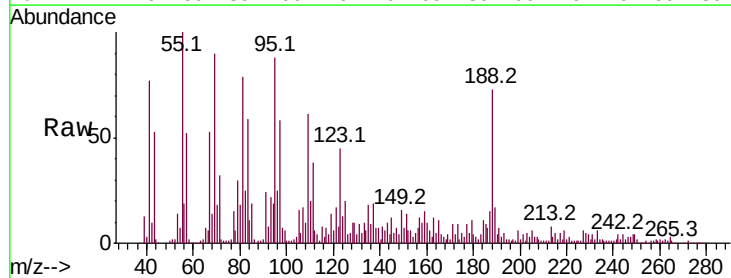
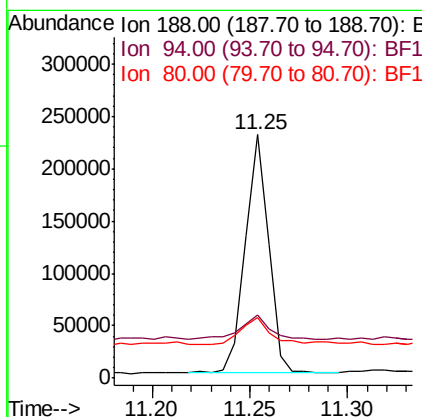
Manual Integrations
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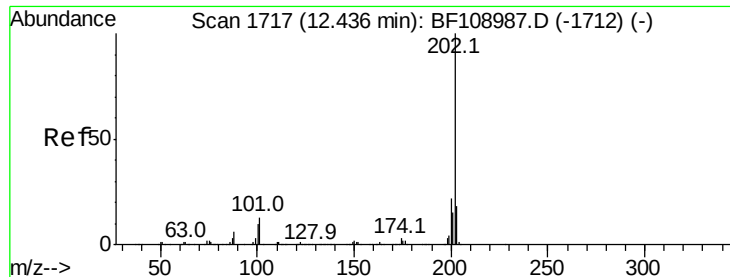
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. 0.02 min
 Lab File: BF109103.D
 Acq: 18 Sep 2018 18:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	25.8	8.5	12.7#
80	25.1	9.2	13.8#





#74

Fluoranthene

Concen: 7.271 ng

RT: 12.47 min Scan# 1723

Delta R.T. 0.04 min

Lab File: BF109103.D

Acq: 18 Sep 2018 18:41

Instrument :

BNA_F

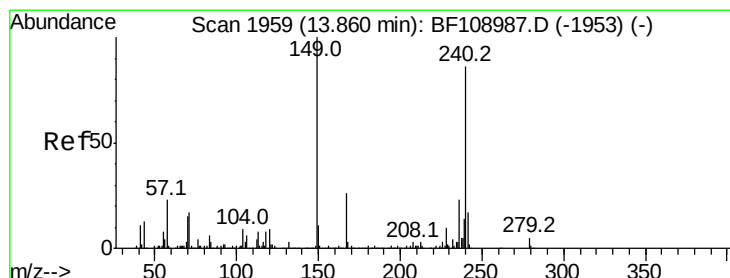
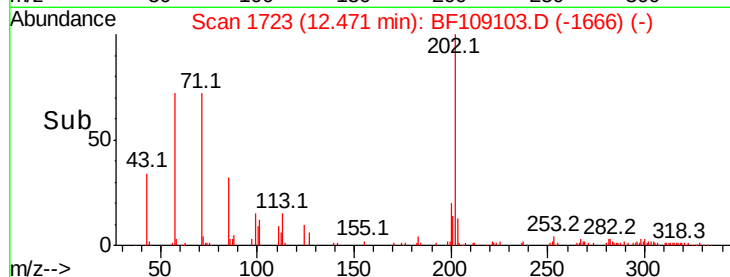
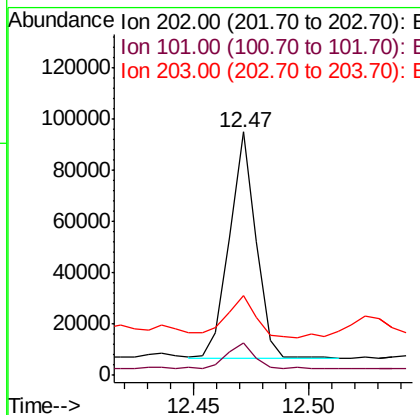
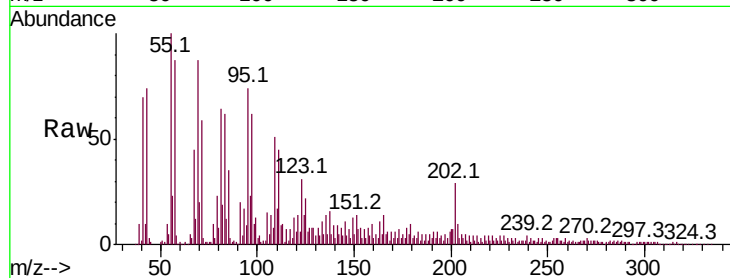
ClientSampleId :

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Tot Ion:	202	Resp:	71026
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.1
203	32.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

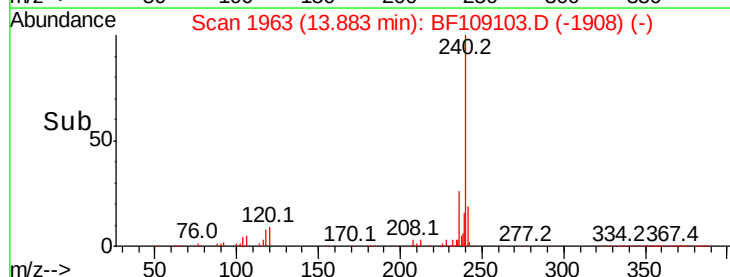
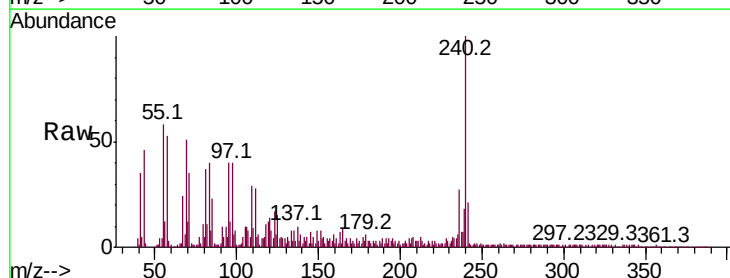
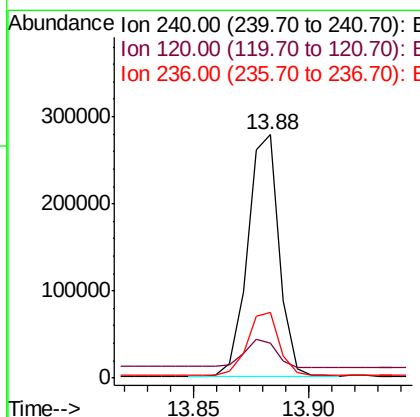
RT: 13.88 min Scan# 1963

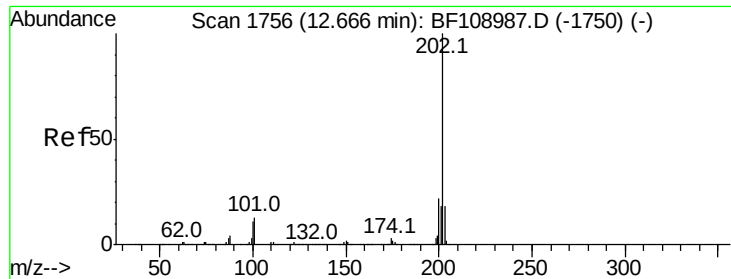
Delta R.T. 0.02 min

Lab File: BF109103.D

Acq: 18 Sep 2018 18:41

Tgt Ion:	240	Resp:	262974
Ion Ratio	Lower	Upper	
240	100		
120	14.4	9.5	14.3#
236	26.8	20.7	31.1





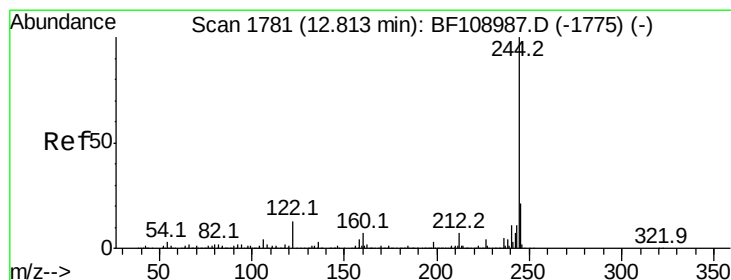
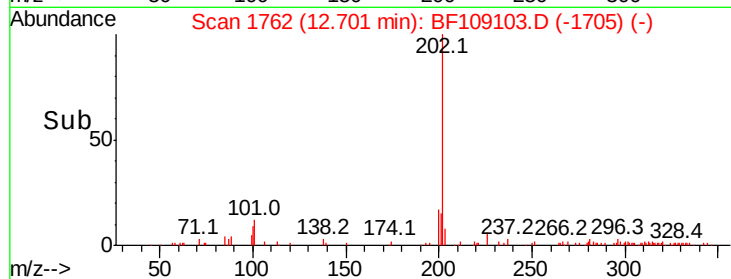
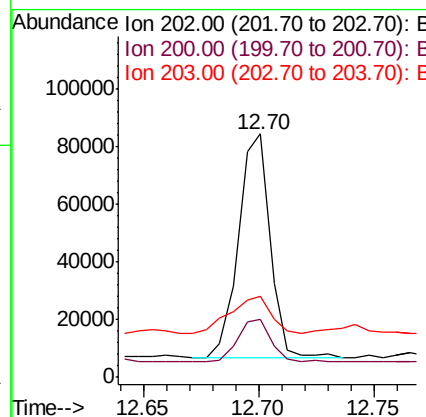
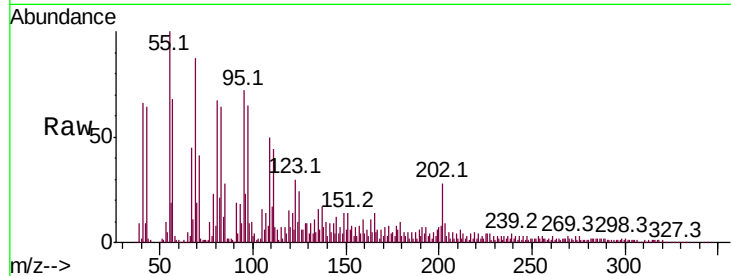
#77
Pvrene
Concen: 3.816 ng
RT: 12.70 min Scan# 1762
Delta R.T. 0.04 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Instrument :
BNA_F
ClientSampled :
97-20

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.7	17.4	26.2
203	33.2	14.3	21.5#

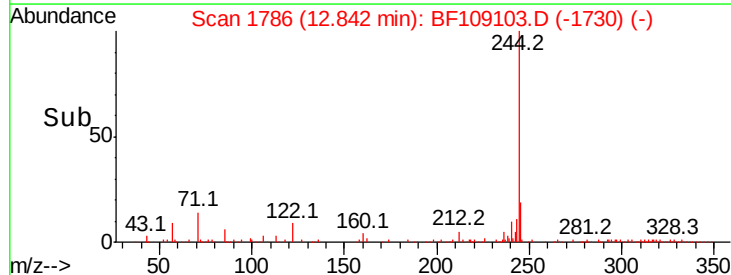
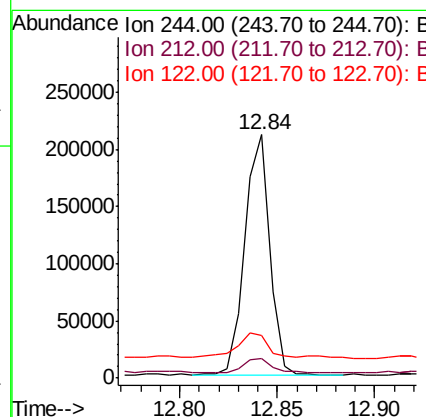
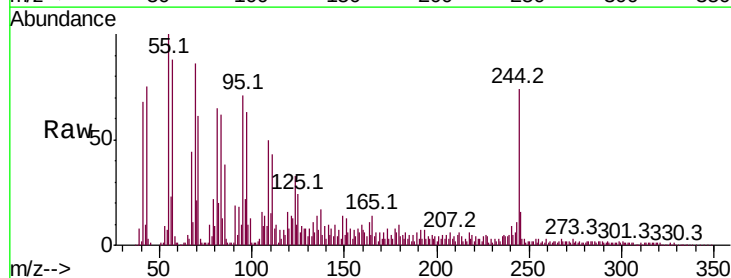
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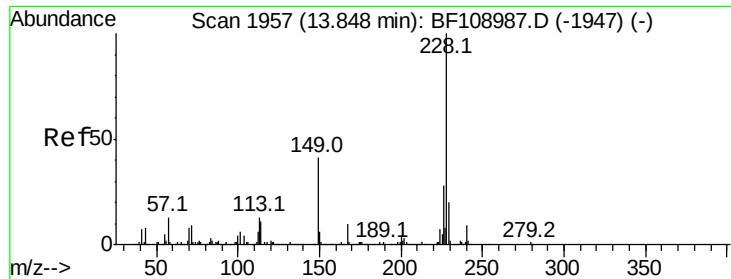
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#78
Terphenyl-d14
Concen: 16.671 ng
RT: 12.84 min Scan# 1786
Delta R.T. 0.03 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	5.4	8.0#
122	17.7	11.0	16.4#





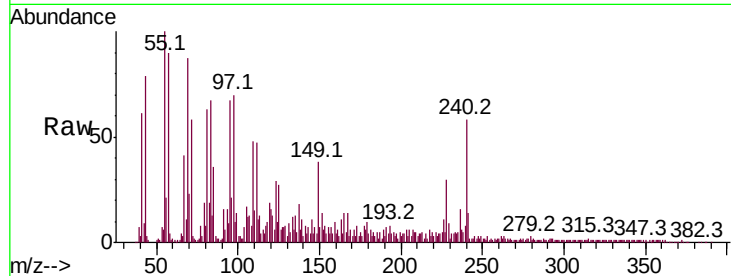
#80
Benzo(a)anthracene
Concen: 2.915 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.02 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Instrument :
BNA_F
ClientSampled :
97-20

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.2	22.6	33.8#
229	29.9	15.8	23.6#

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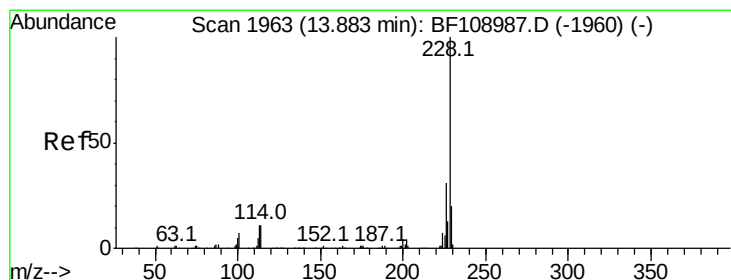
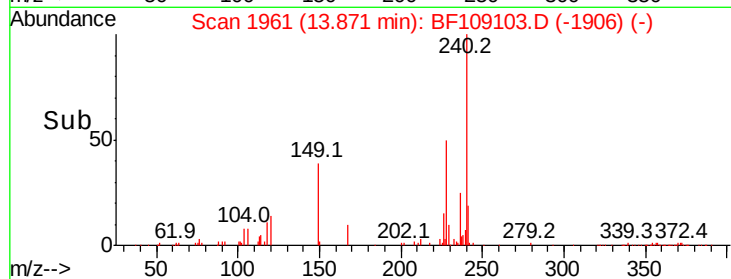
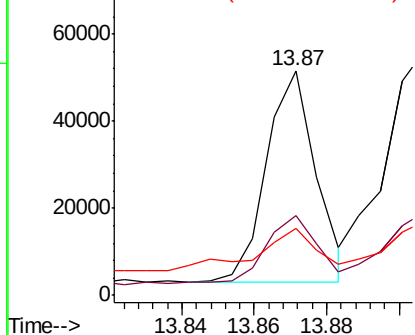


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
Chrysene
Concen: 3.455 ng
RT: 13.91 min Scan# 1967
Delta R.T. 0.02 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

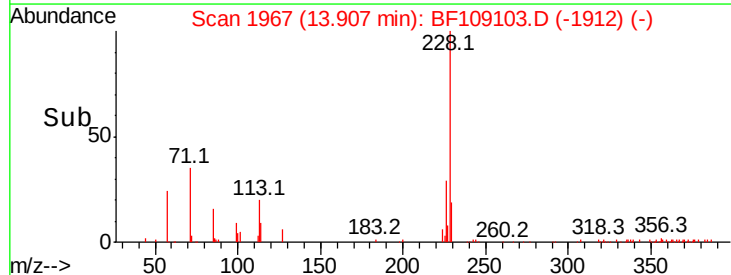
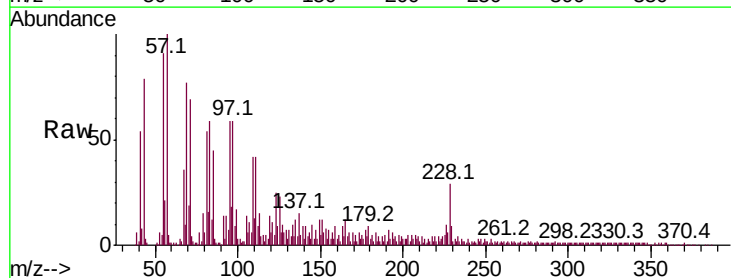
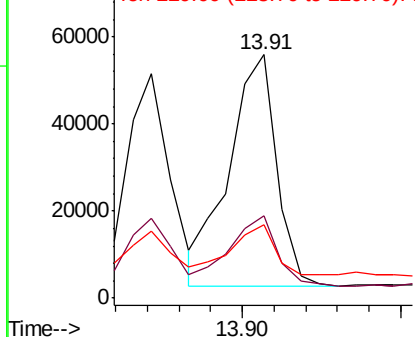
Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.0	37.6
229	30.0	16.2	24.4#

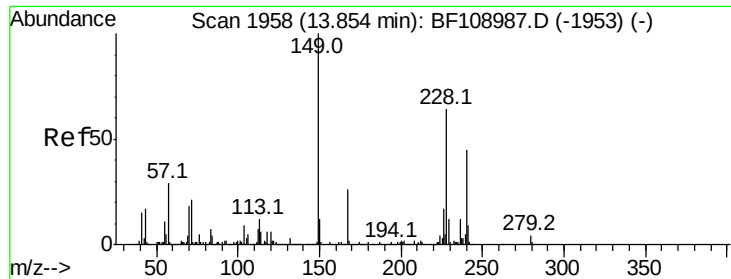
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





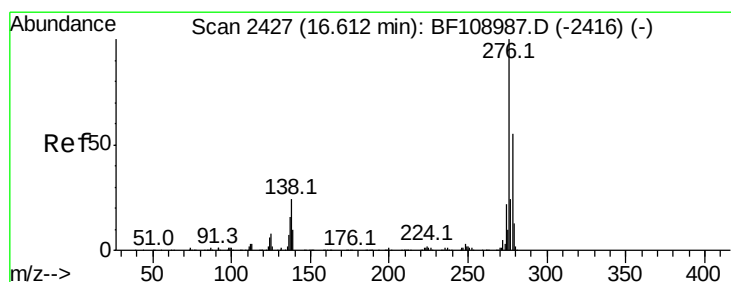
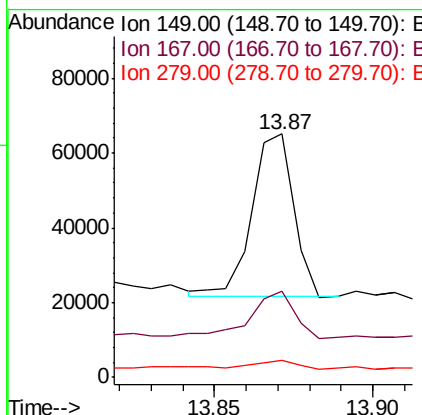
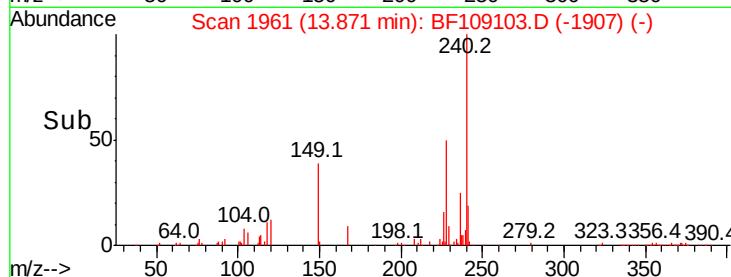
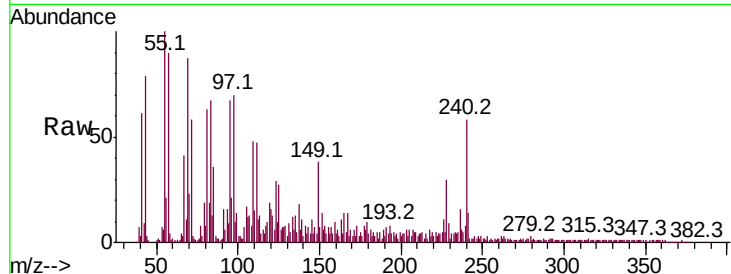
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.777 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.02 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Instrument :
BNA_F
ClientSampleId :
97-20

Tot Ion	Ratio	Lower	Upper
149	100		
167	35.5	21.3	31.9#
279	7.0	3.0	4.4#

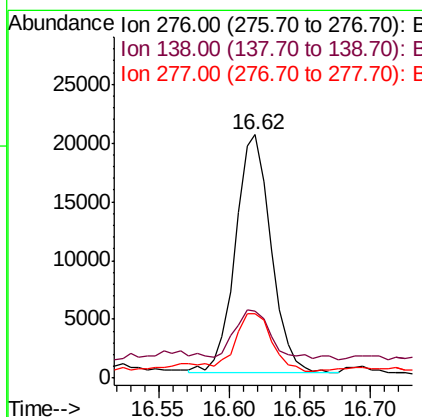
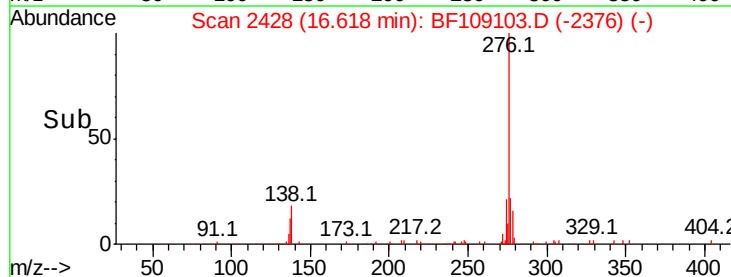
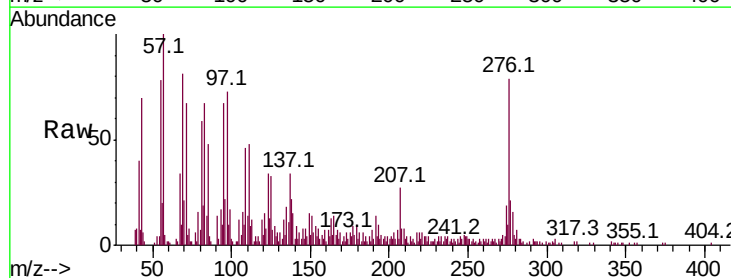
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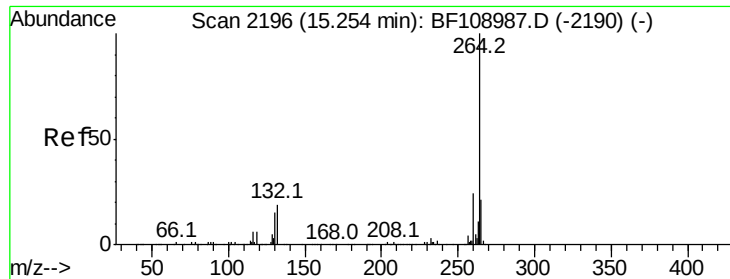
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.796 ng
RT: 16.62 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	24.1	20.1	30.1





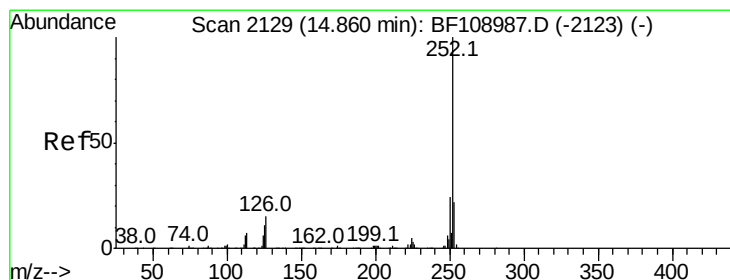
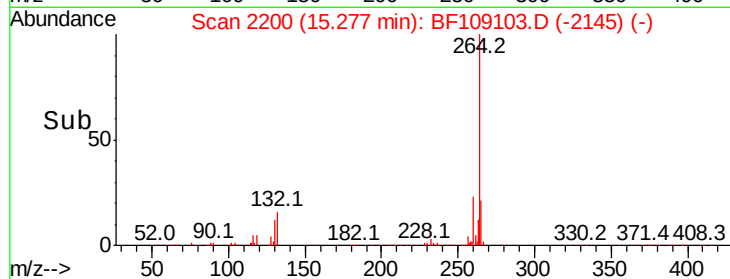
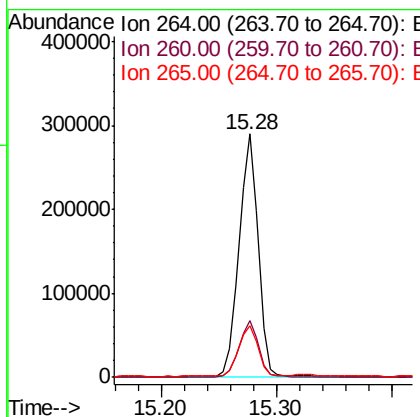
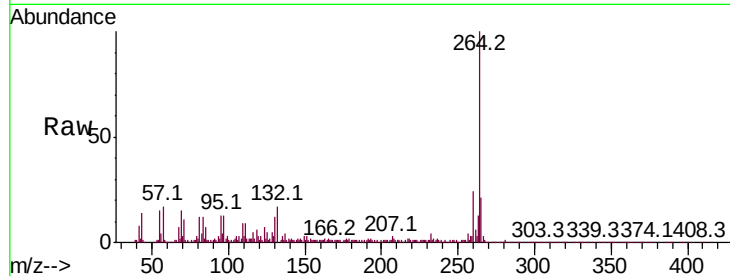
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Instrument :
BNA_F
ClientSampled :
97-20

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.5	19.2	28.8	
265	21.4	17.5	26.3	

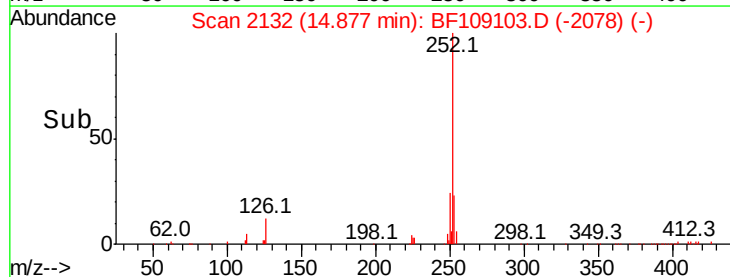
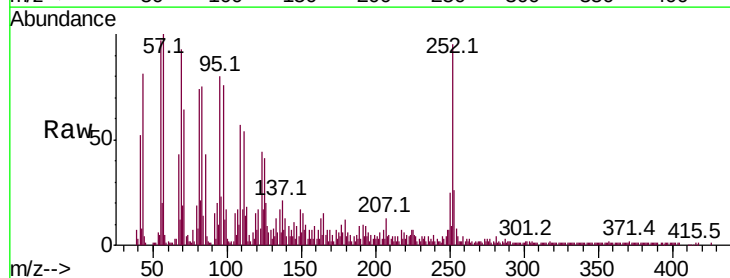
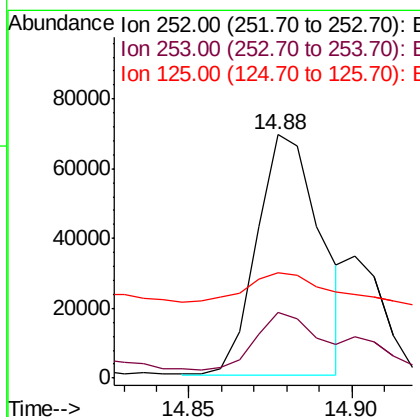
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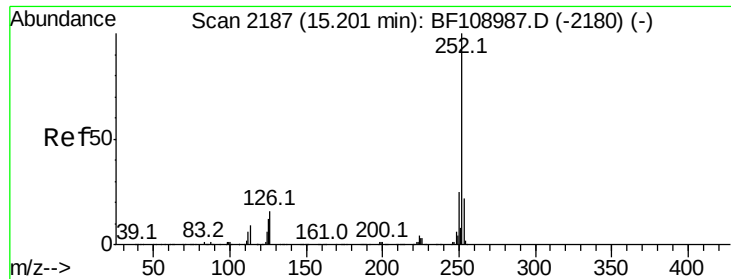
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#87
Benzo(b)fluoranthene
Concen: 5.149 ng m
RT: 14.88 min Scan# 2132
Delta R.T. 0.02 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.9	17.0	25.6#	
125	43.3	9.0	13.6#	





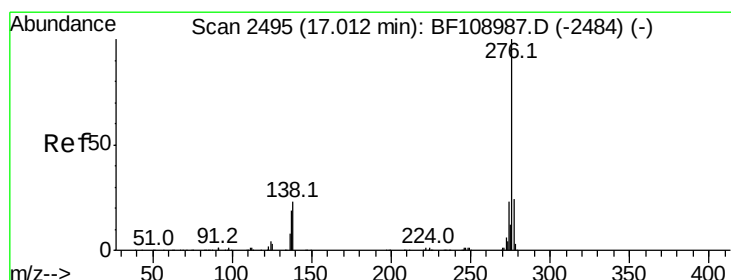
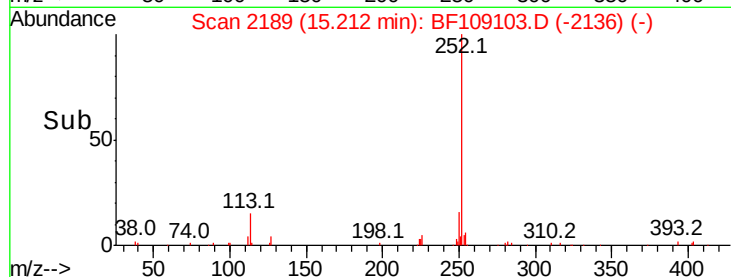
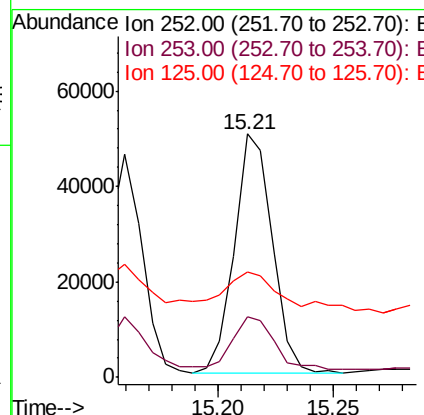
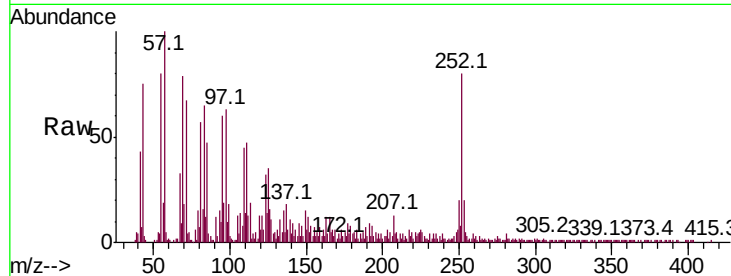
#89
Benzo(a)pyrene
Concen: 3.543 ng
RT: 15.21 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Instrument :
BNA_F
ClientSampled :
97-20

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	43.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.325 ng
RT: 17.02 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BF109103.D
Acq: 18 Sep 2018 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.9	17.9	26.9
138	31.5	21.8	32.8

