

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109897.D
 Acq On : 15 Oct 2018 23:28
 Operator : JU/SJ
 Sample : J5198-11 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101218-A

Manual Integrations
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 10/16/2018 9:57:46 AM

Quant Time: Oct 16 02:30:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	240326	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	873980	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	349660	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	628791	20.00	ng	0.00
76) Chrysene-d12	14.15	240	634719	20.00	ng	0.00
87) Perylene-d12	15.68	264	434293	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	802380	52.92	ng	0.00
7) Phenol-d6	6.59	99	970838	51.57	ng	0.00
23) Nitrobenzene-d5	7.53	82	546168	42.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	165399	54.64	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	796312	36.34	ng	0.00
79) Terphenyl-d14	13.09	244	726465	24.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.72	163	95037	3.838	ng	99
71) Phenanthrene	11.53	178	74279	2.282	ng	97
75) Fluoranthene	12.72	202	162770	5.005	ng	97
78) Pyrene	12.95	202	150757	3.234	ng	98
83) Chrysene	14.17	228	77286	2.172	ng	96
88) Benzo(b)fluoranthene	15.22	252	79642m	3.181	ng	
90) Benzo(a)pyrene	15.60	252	47620	2.068	ng	# 88

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

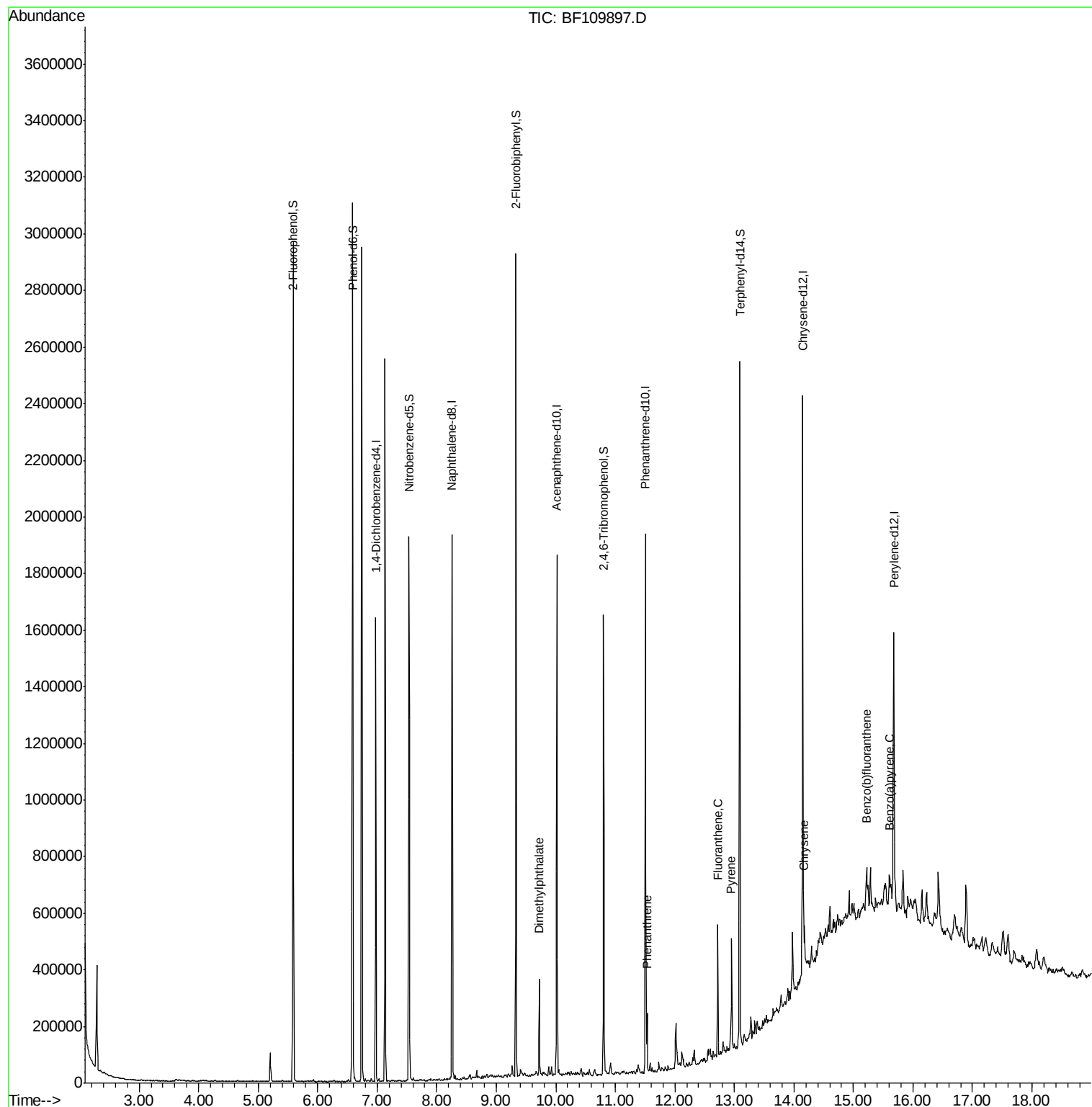
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109897.D
Acq On : 15 Oct 2018 23:28
Operator : JU/SJ
Sample : J5198-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

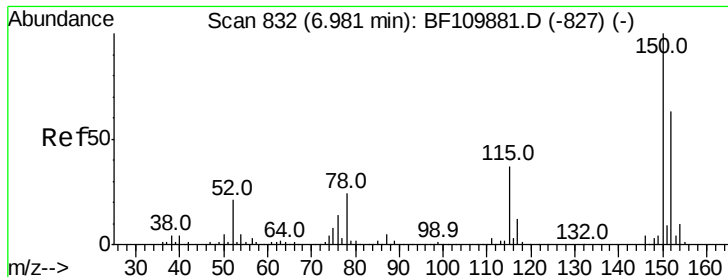
Instrument :
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ClientSampleId :
CL-02-101218-A

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Quant Time: Oct 16 02:30:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

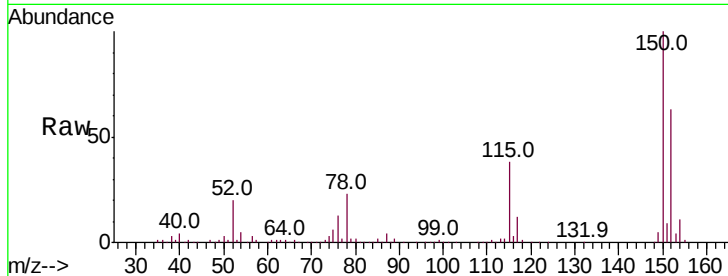
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.7	184.1
115	59.5	49.1	73.7

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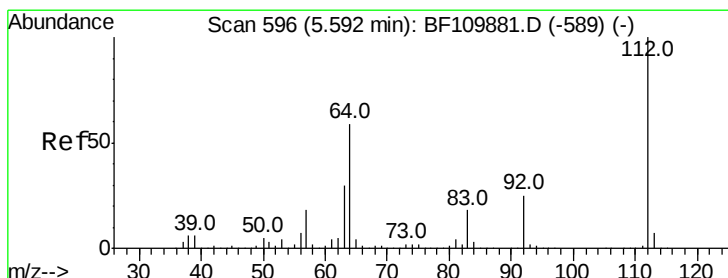
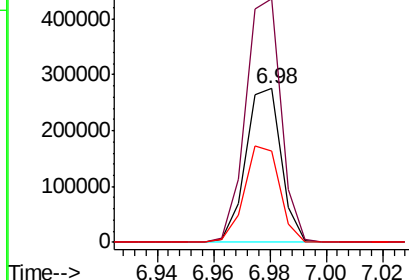
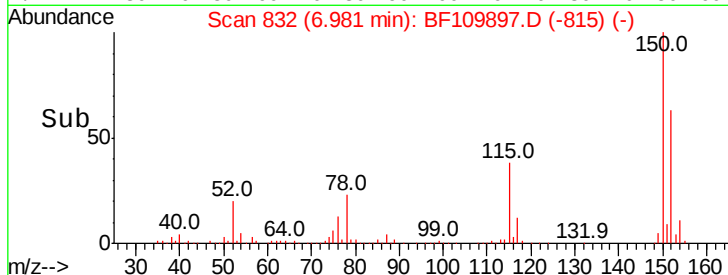


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

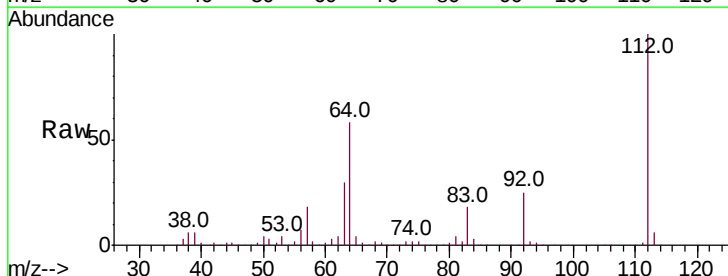
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.923 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.1	66.1
63	30.1	23.7	35.5

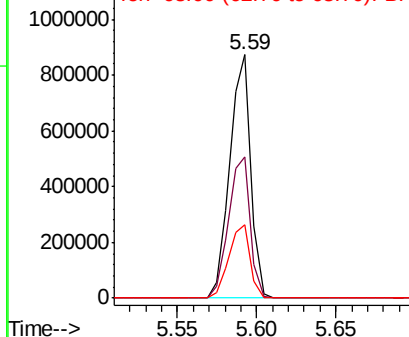
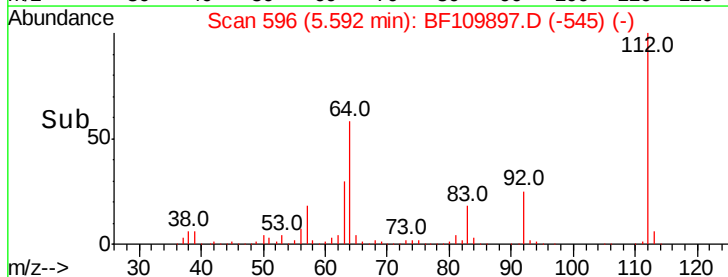


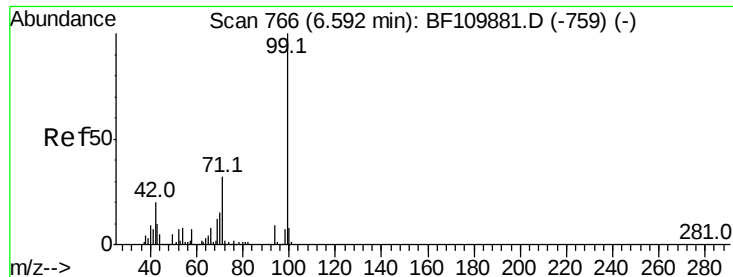
Abundance

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: 51.568 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF109897.D

Acq: 15 Oct 2018 23:28

Instrument :

BNA_F

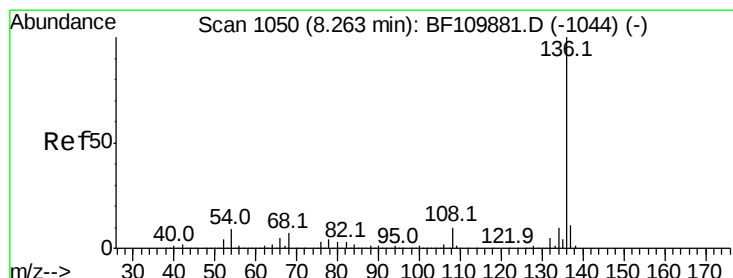
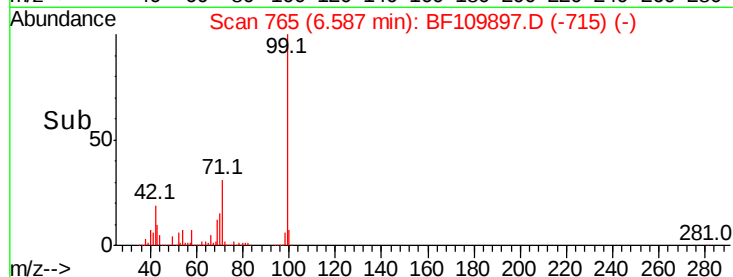
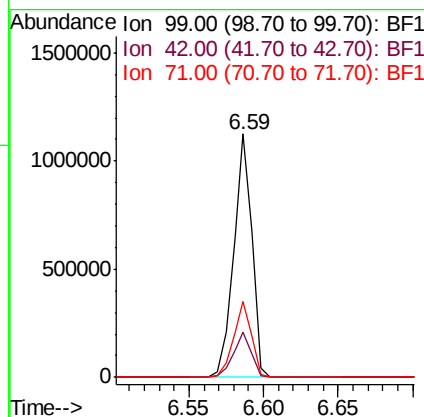
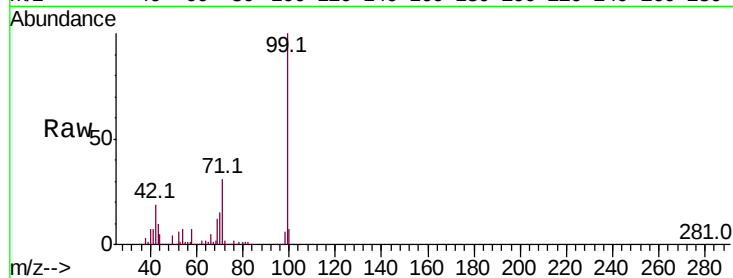
ClientSampleId :

CL-02-101218-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		970838		
42	18.8	15.8	23.6		
71	31.3	28.0	42.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

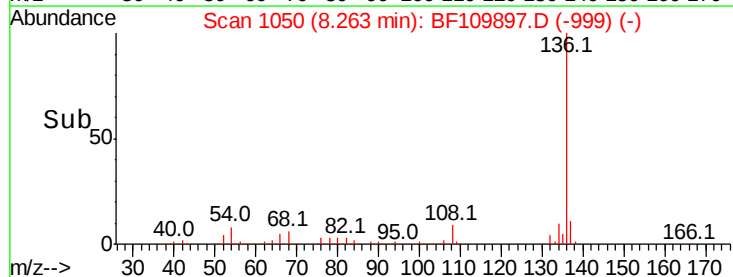
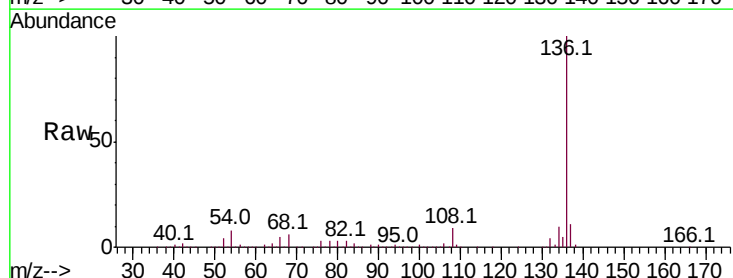
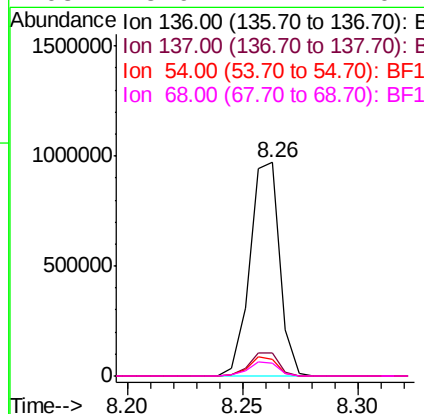
RT: 8.26 min Scan# 1050

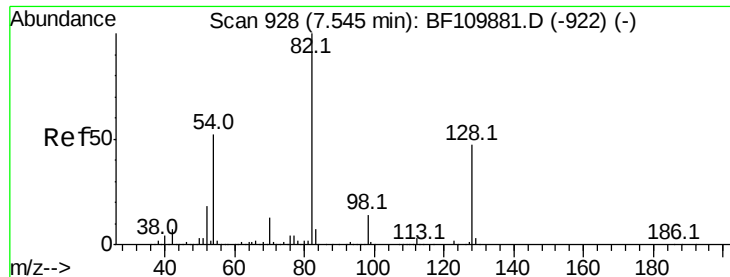
Delta R.T. -0.00 min

Lab File: BF109897.D

Acq: 15 Oct 2018 23:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		873980		
137	10.5	8.8	13.2		
54	7.8	5.4	8.2		
68	5.9	4.2	6.2		





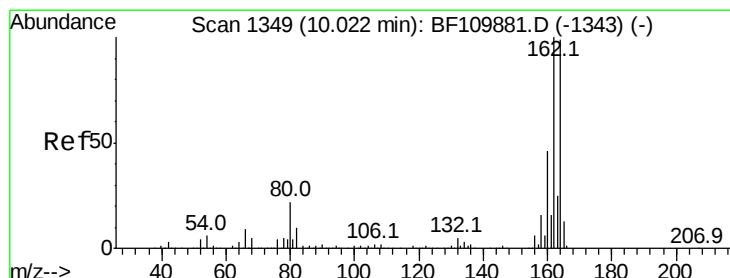
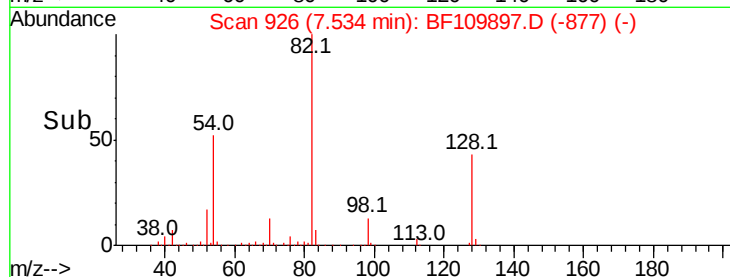
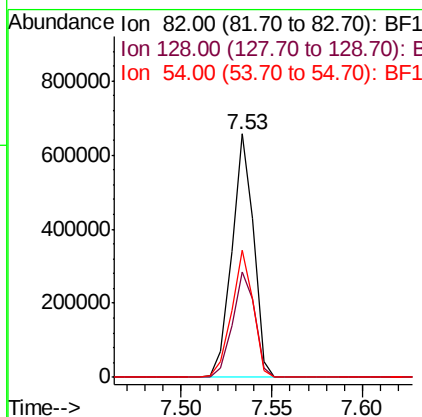
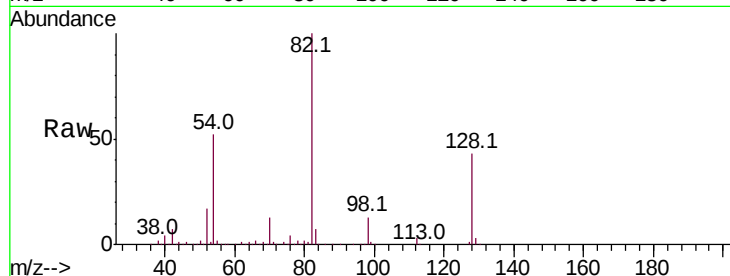
#23
Nitrobenzene-d5
Concen: 42.097 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	34.2	51.2	
54	52.5	38.6	58.0	

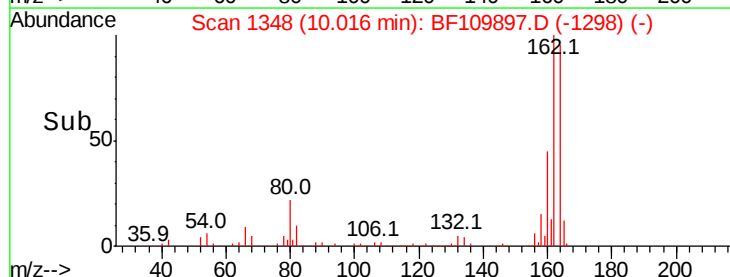
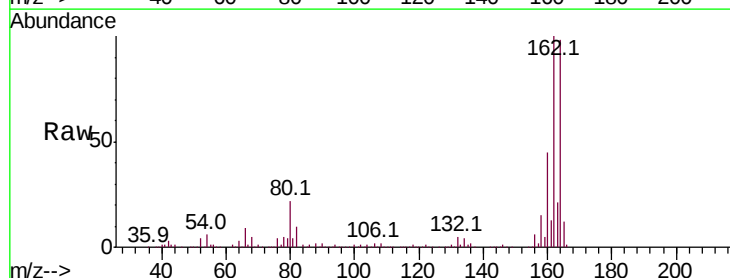
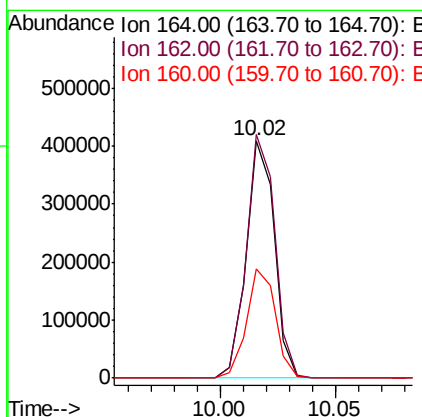
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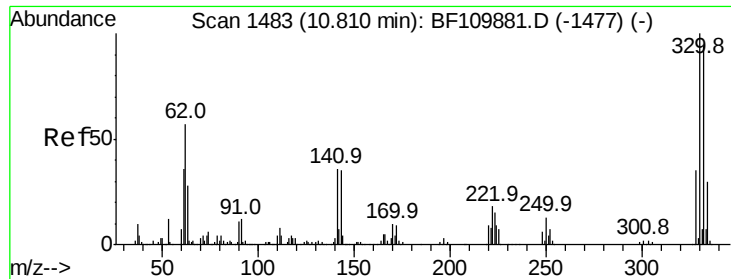
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	83.0	124.6	
160	46.0	37.0	55.6	





#42

2,4,6-Tribromophenol

Concen: 54.636 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109897.D

Acq: 15 Oct 2018 23:28

Instrument :

BNA_F

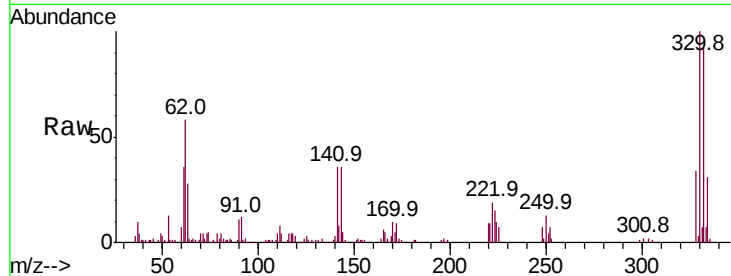
ClientSampleId :

CL-02-101218-A

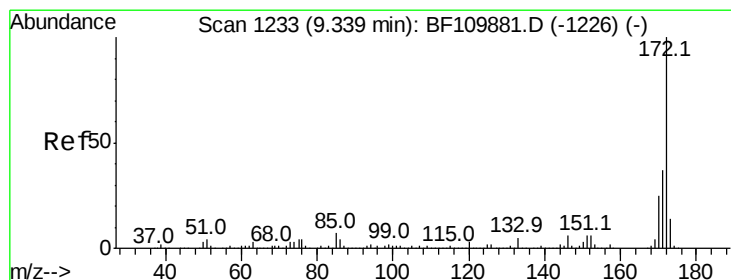
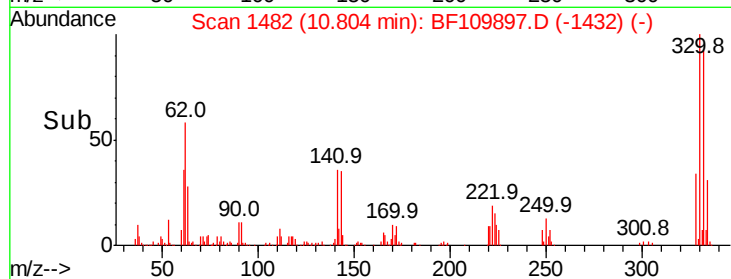
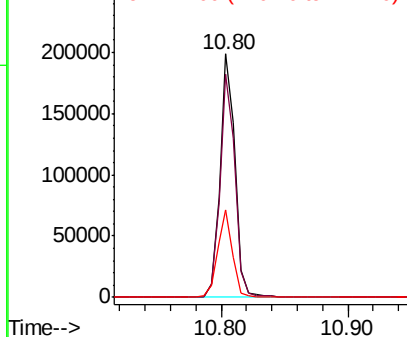
Tot Ion:	330	Resp:	165399
Ion Ratio	Lower	Upper	
330	100		
332	92.7	77.1	115.7
141	36.6	27.0	40.4

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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



#45

2-Fluorobiphenyl

Concen: 36.339 ng

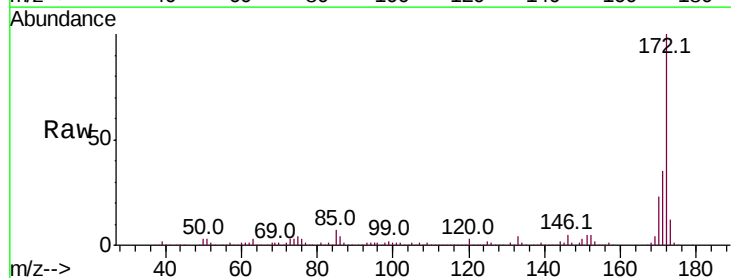
RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

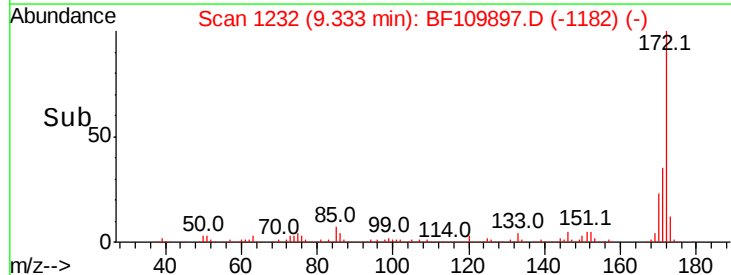
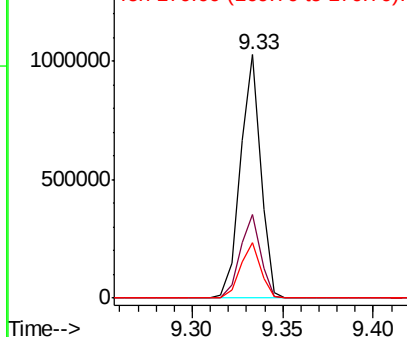
Lab File: BF109897.D

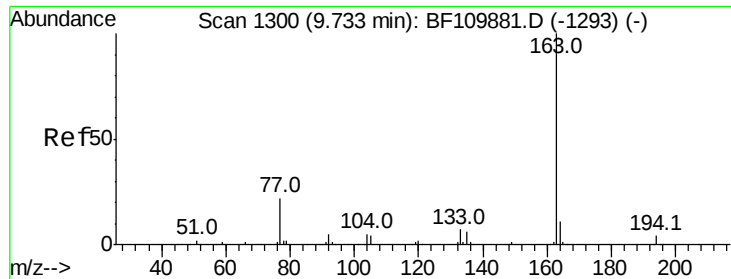
Acq: 15 Oct 2018 23:28

Tgt Ion:	172	Resp:	796312
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.6	43.0
170	22.9	19.7	29.5



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





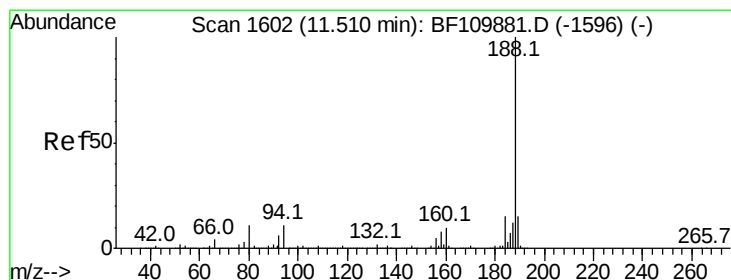
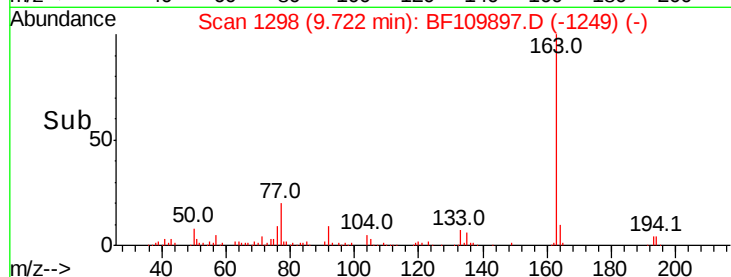
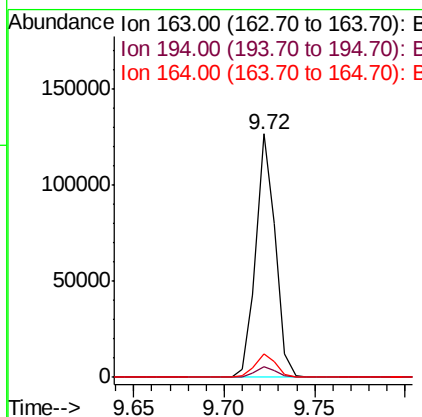
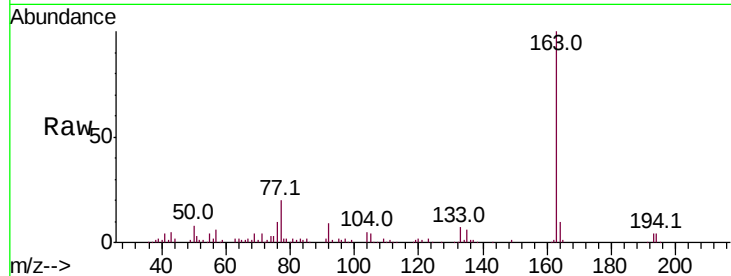
#50
Dimethylphthalate
Concen: 3.838 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.2	4.8	
164	9.7	8.1	12.1	

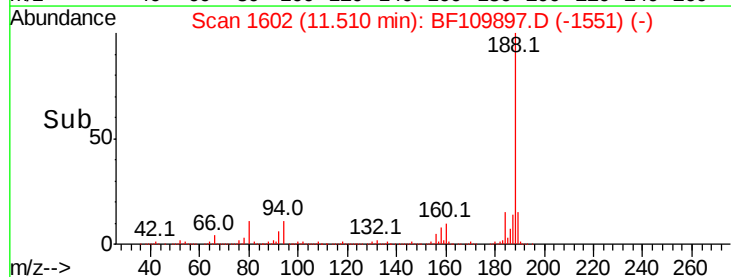
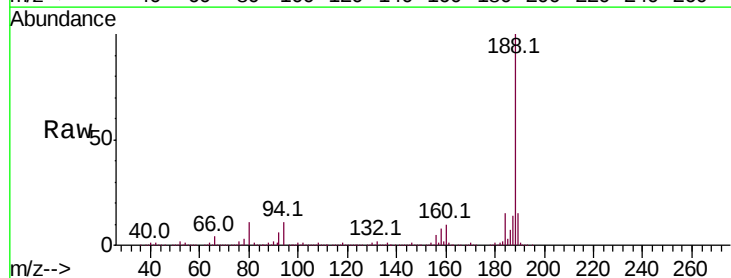
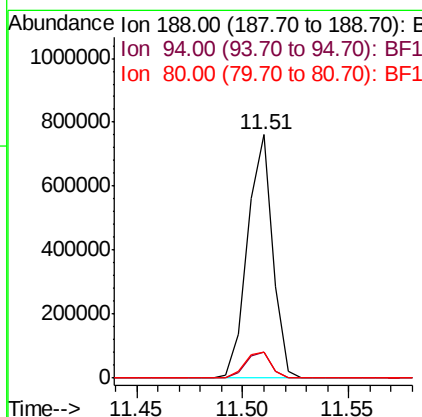
Manual Integrations
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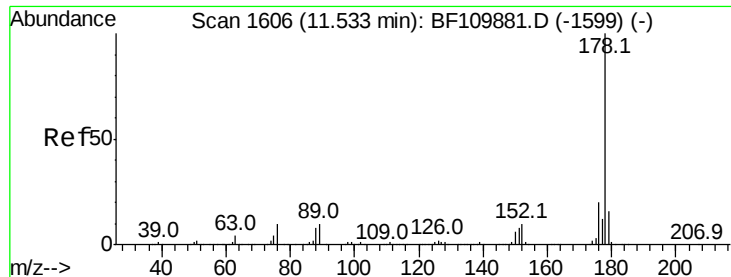
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8	7.2	10.8	
80	10.8	7.9	11.9	





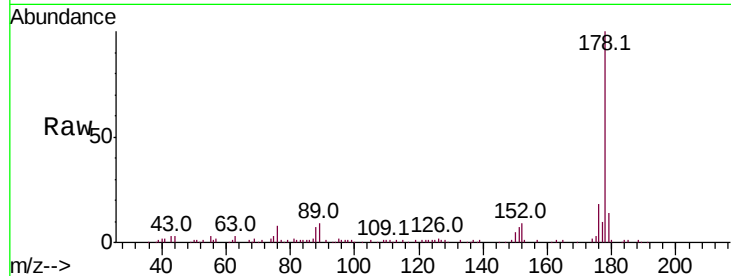
#71
Phenanthrene
Concen: 2.282 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.5	23.3
179	14.5	12.5	18.7

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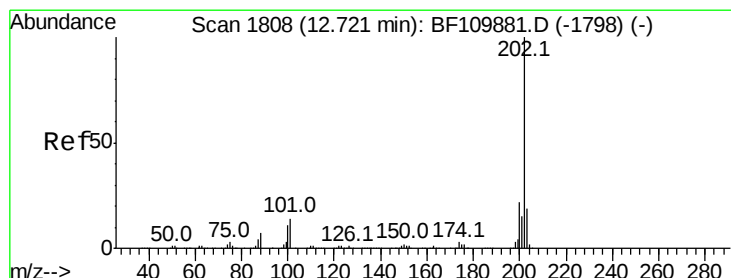
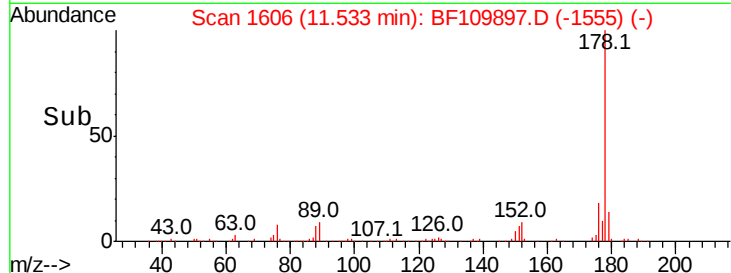
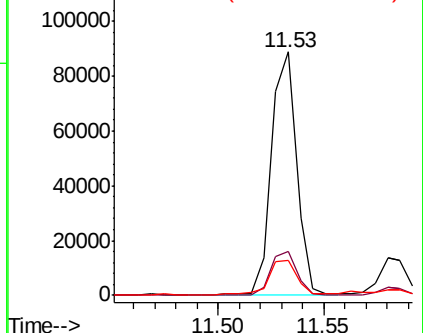


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.005 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

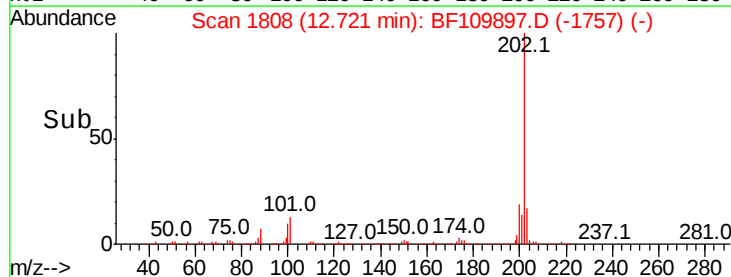
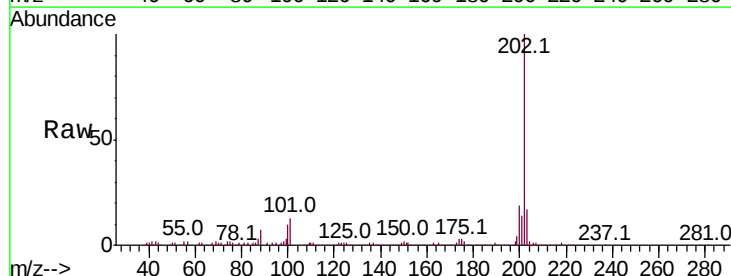
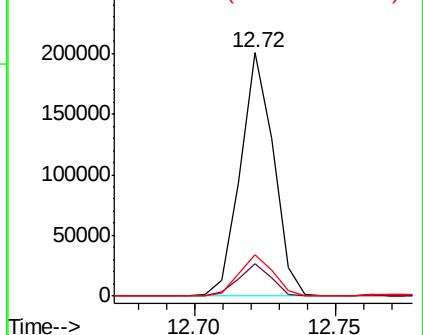
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.4
203	16.9	0.0	37.7

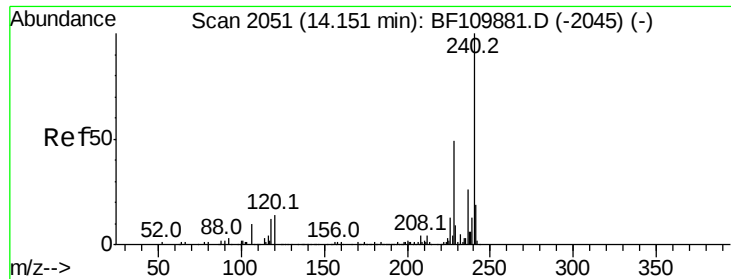
Abundance

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





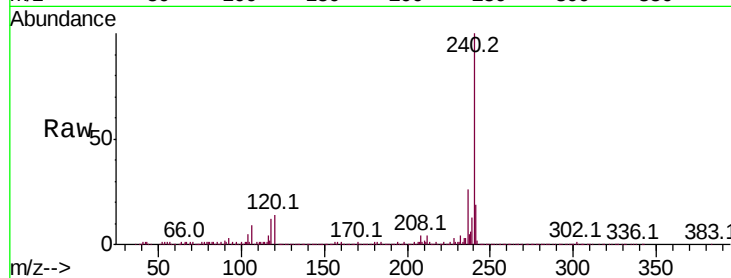
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-A

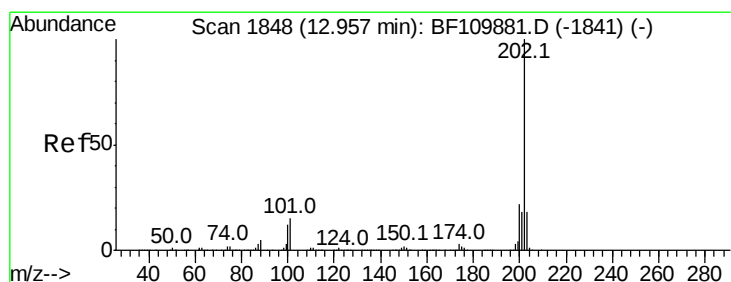
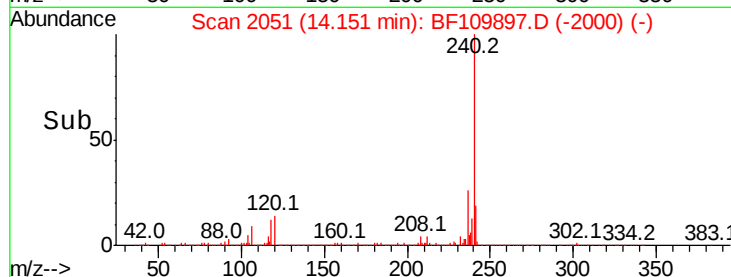
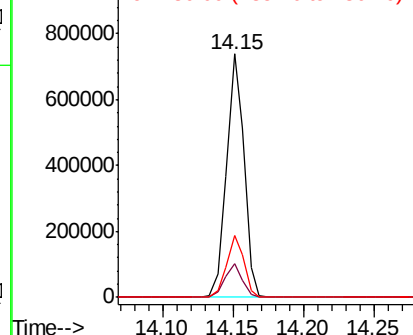
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	25.7	21.2	31.8

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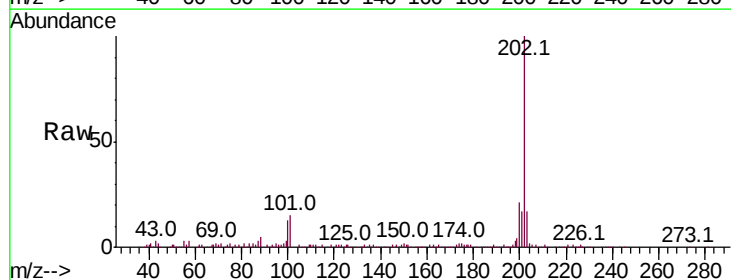


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

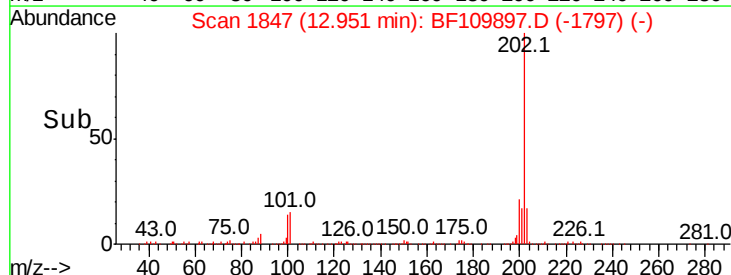
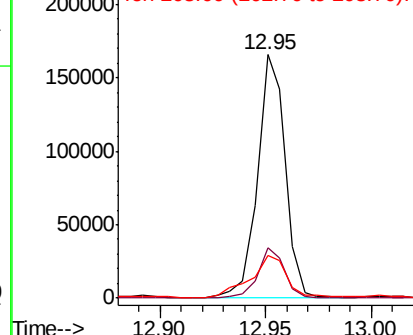


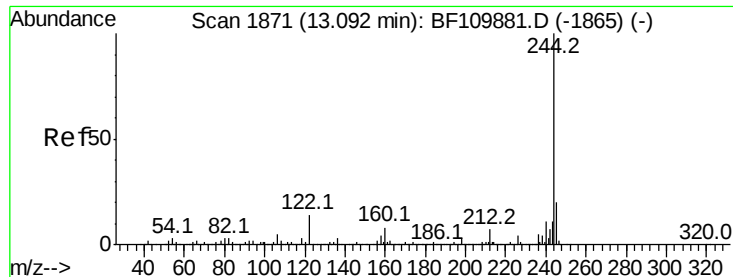
#78
Pyrene
Concen: 3.234 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.4	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.035 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BF109897.D

Acq: 15 Oct 2018 23:28

Instrument :

BNA_F

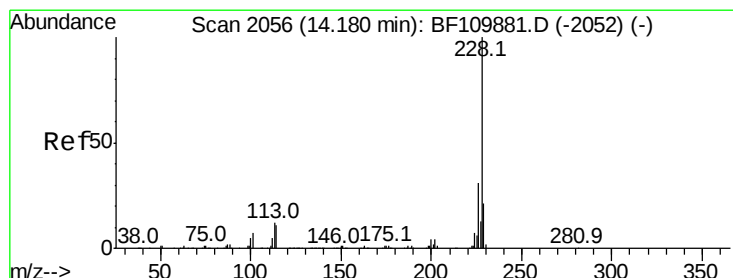
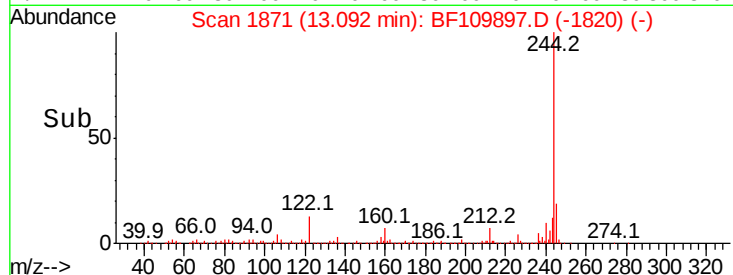
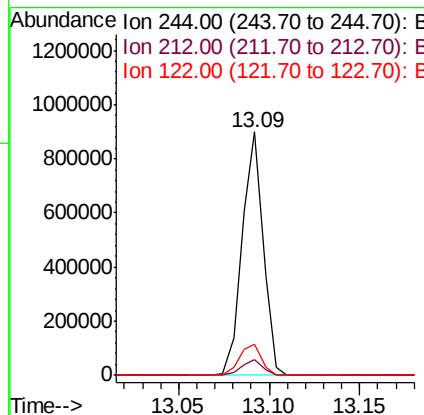
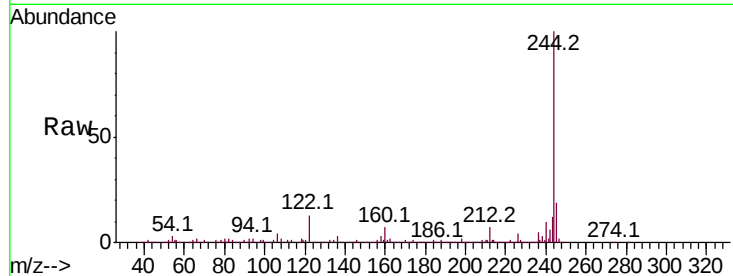
ClientSampleId :

CL-02-101218-A

Tot Ion:	244	Resp:	726465
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.8	8.8
122	12.6	8.7	13.1

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#83

Chrysene

Concen: 2.172 ng

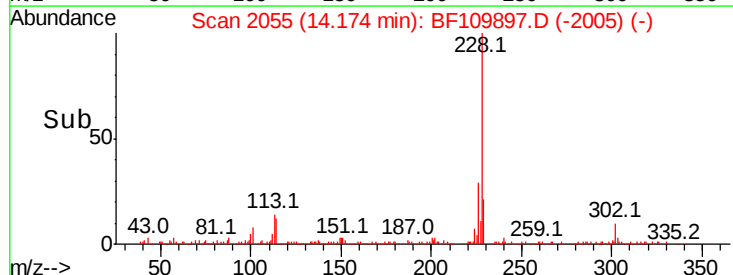
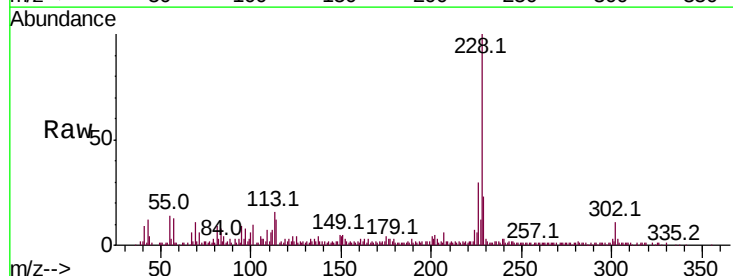
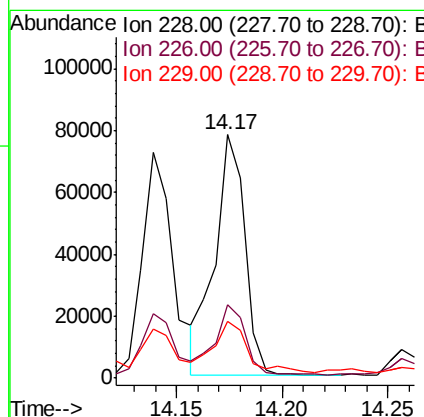
RT: 14.17 min Scan# 2055

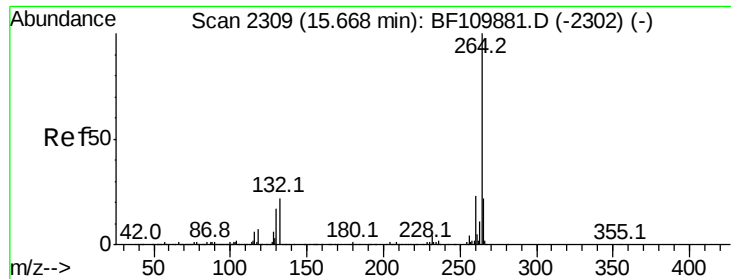
Delta R.T. -0.01 min

Lab File: BF109897.D

Acq: 15 Oct 2018 23:28

Tgt Ion:	228	Resp:	77286
Ion Ratio		Lower	Upper
228	100		
226	30.2	24.7	37.1
229	23.5	15.9	23.9





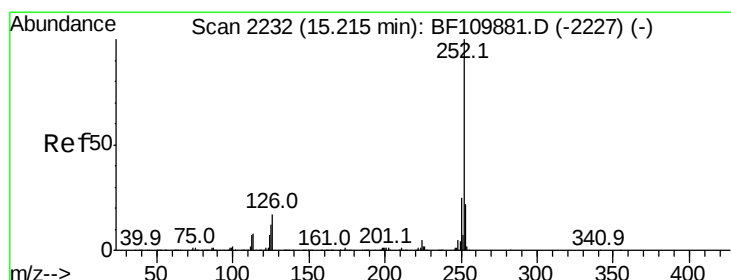
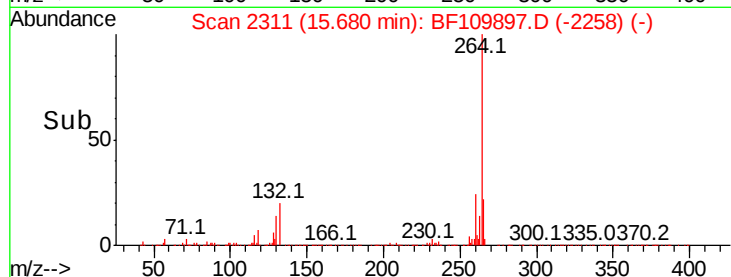
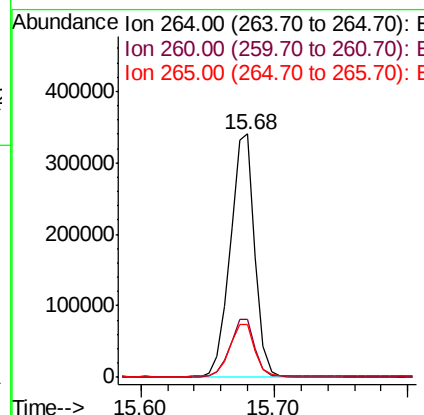
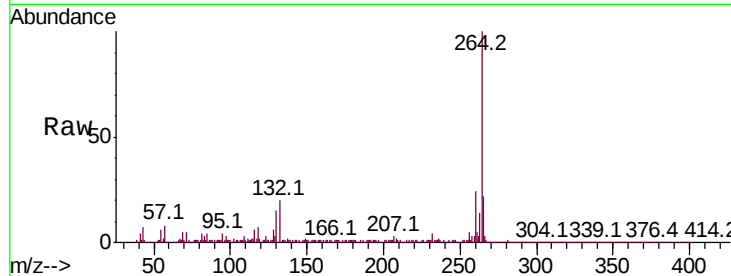
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Instrument :
BNA_F
ClientSampleId :
CL-02-101218-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.0	16.7	25.1

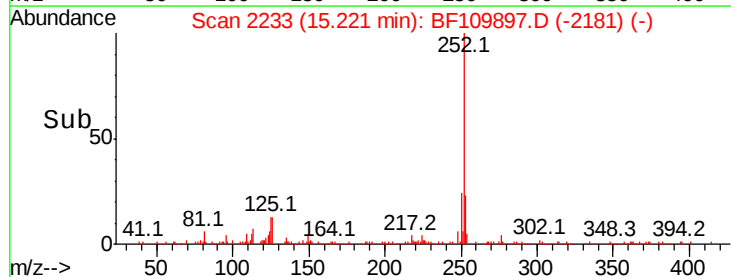
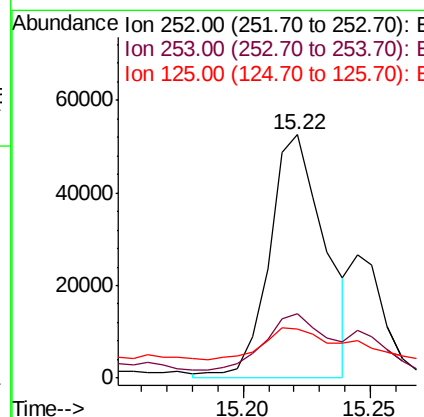
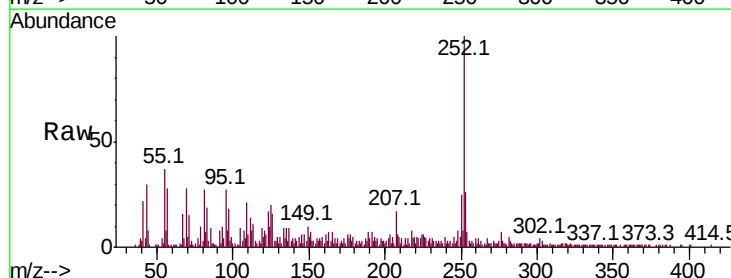
Manual Integrations
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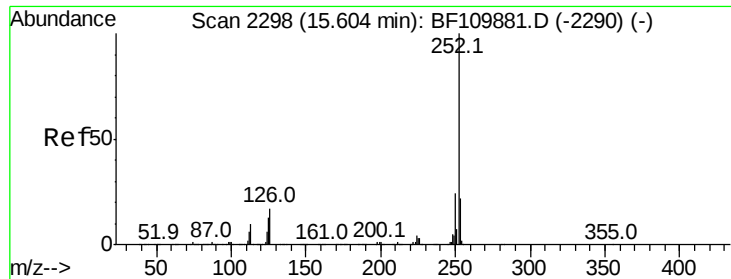
Sohil
10/16/2018 9:57:46 AM



#88
Benzo(b)fluoranthene
Concen: 3.181 ng m
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF109897.D
Acq: 15 Oct 2018 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.2	25.8#
125	20.4	8.2	12.4#





#90
 Benzo(a)pyrene
 Concen: 2.068 ng
 RT: 15.60 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BF109897.D
 Acq: 15 Oct 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101218-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	21.4	9.0	13.6

Manual Integrations
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