

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109554.D
 Acq On : 3 Oct 2018 18:44
 Operator : JU/SJ
 Sample : J5198-07 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100218-D

Manual Integrations
 APPROVED

Sohil
 10/4/2018 11:44:23 AM

Quant Time: Oct 04 02:23:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79763	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	279925	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	116054	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	240011	20.00	ng	0.00
75) Chrysene-d12	13.84	240	233974	20.00	ng	0.00
86) Perylene-d12	15.24	264	166225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	130843	27.02	ng	0.00
7) Phenol-d6	6.35	99	180770	29.25	ng	-0.01
23) Nitrobenzene-d5	7.26	82	104441	22.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	40563	35.46	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	180072	23.40	ng	-0.02
78) Terphenyl-d14	12.79	244	213350	22.38	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	58699	6.954	ng	99
70) Phenanthrene	11.23	178	122048	10.185	ng	98
71) Anthracene	11.29	178	43073	3.544	ng	97
74) Fluoranthene	12.42	202	307590	24.018	ng	96
77) Pyrene	12.65	202	280981	16.756	ng	99
80) Benzo(a)anthracene	13.83	228	129532	9.191	ng	98
82) Chrysene	13.86	228	115283	8.253	ng	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	38756	3.423	ng	# 90
87) Benzo(b)fluoranthene	14.85	252	107444m	11.763	ng	
88) Benzo(k)fluoranthene	14.87	252	42708m	4.927	ng	
89) Benzo(a)pyrene	15.19	252	71766	8.720	ng	# 95
91) Benzo(a,h,i)perylene	17.00	276	38692	5.831	ng	# 90

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

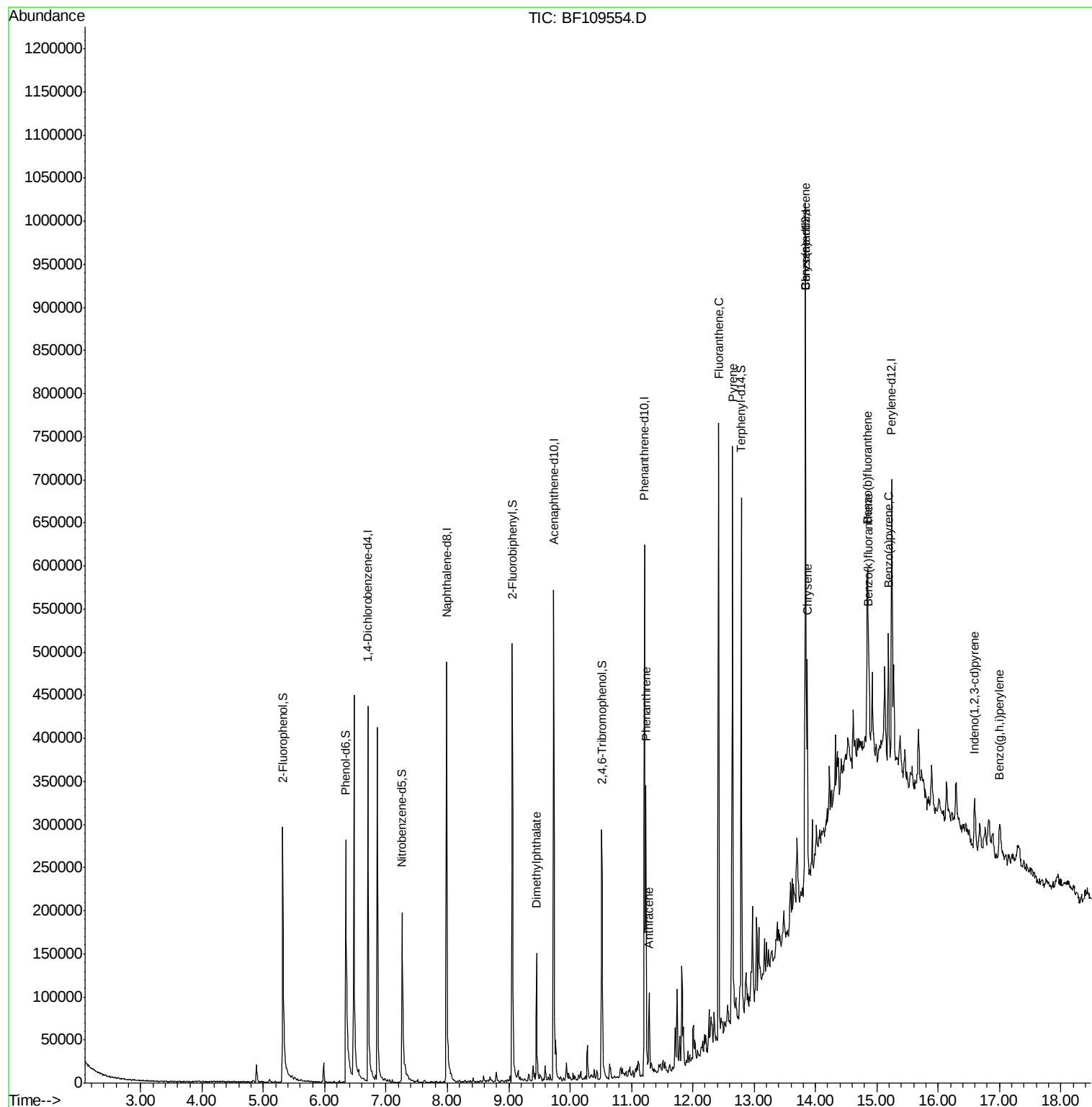
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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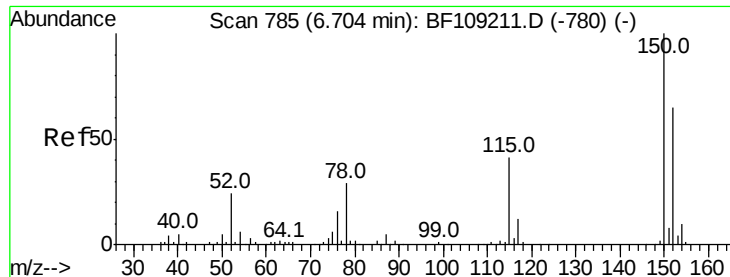
Instrument :
BNA_F
ClientSampled :
CL-01-100218-D

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

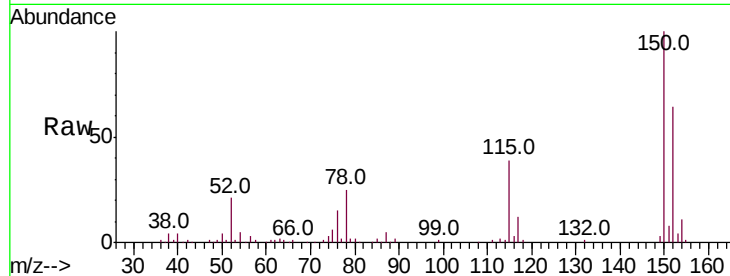
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	60.9	50.1	75.1

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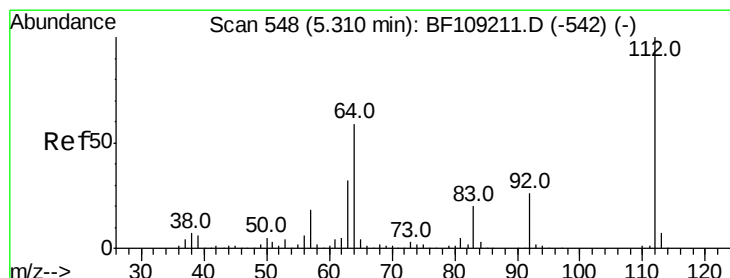
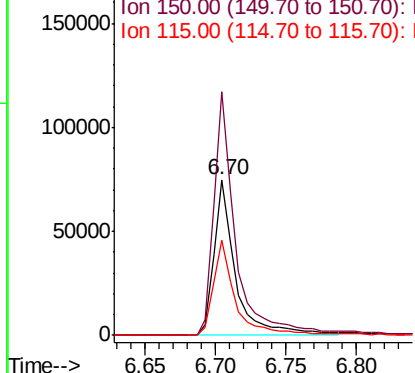
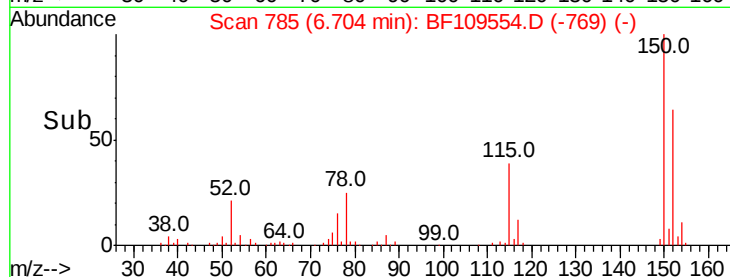


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

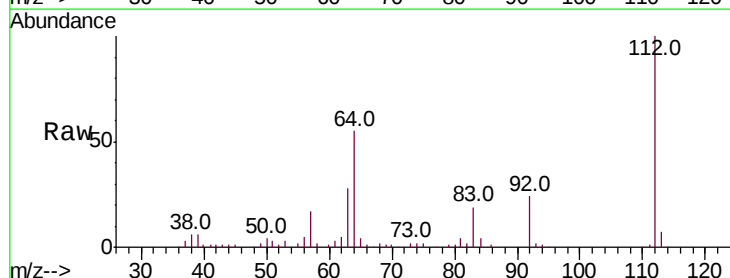
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.019 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	27.8	23.7	35.5

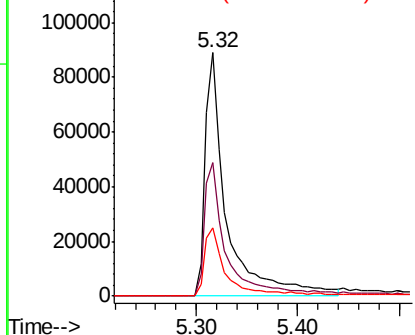
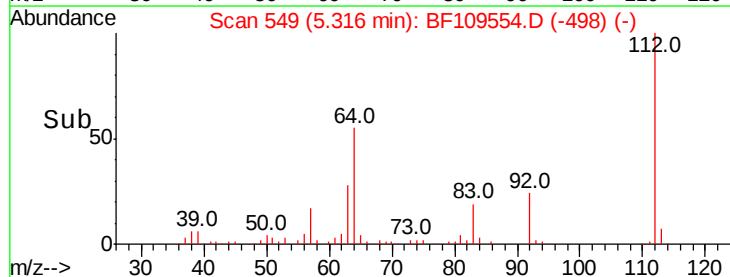


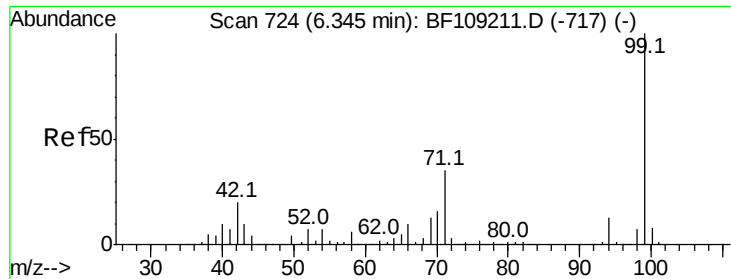
Abundance

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: 29.253 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109554.D

Acq: 3 Oct 2018 18:44

Instrument :

BNA_F

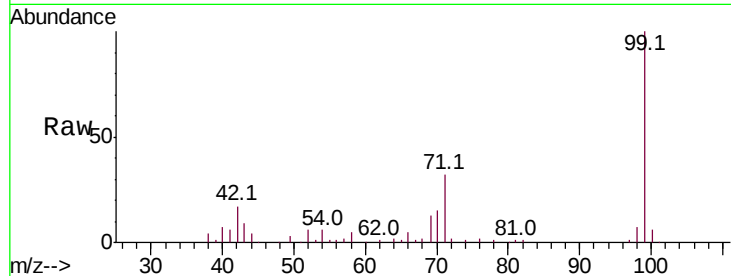
ClientSampleId :

CL-01-100218-D

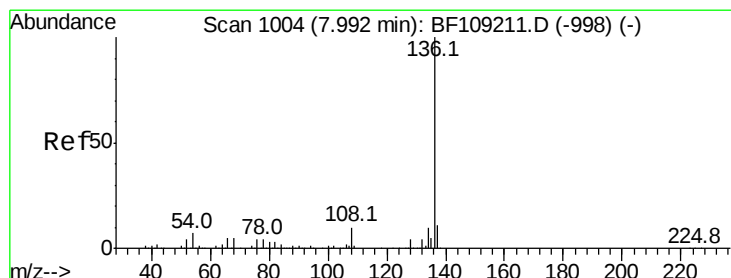
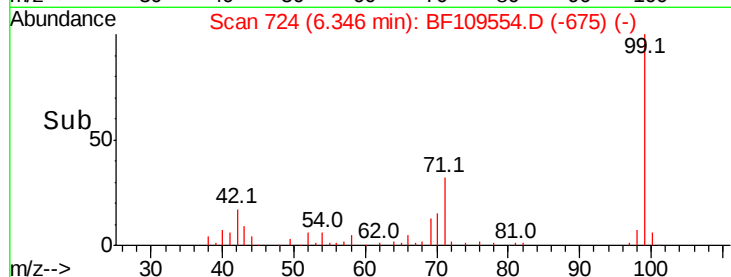
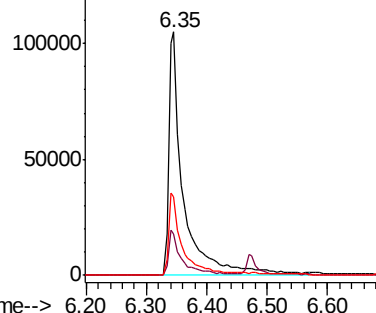
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		180770		
42	17.2	14.5	21.7		
71	32.2	25.4	38.0		

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

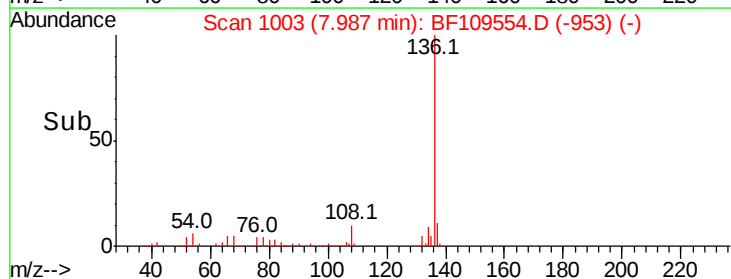
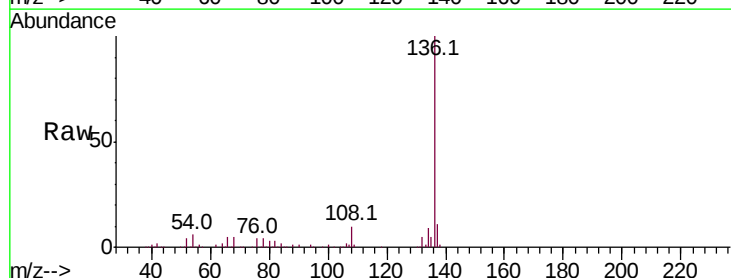
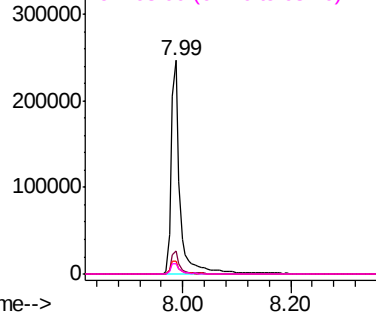
Delta R.T. -0.01 min

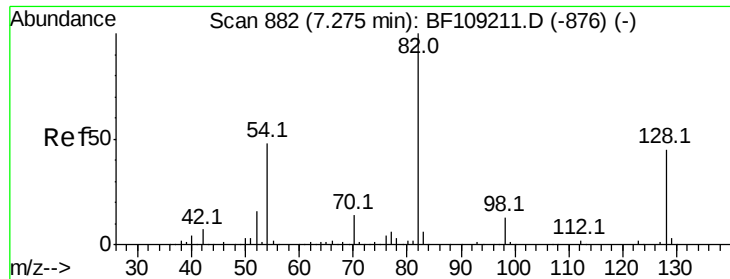
Lab File: BF109554.D

Acq: 3 Oct 2018 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		279925		
137	10.7	8.9	13.3		
54	6.3	6.6	9.8		
68	5.0	5.0	7.4		

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





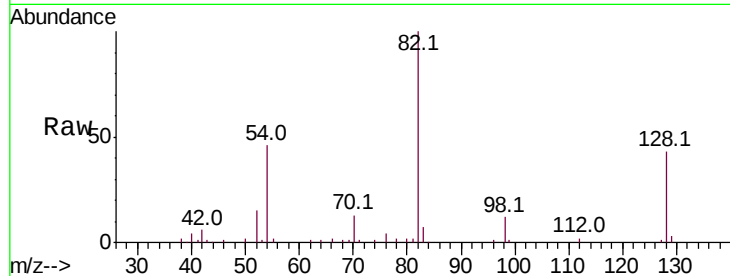
#23
 Nitrobenzene-d5
 Concen: 22.025 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109554.D
 Acq: 3 Oct 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100218-D

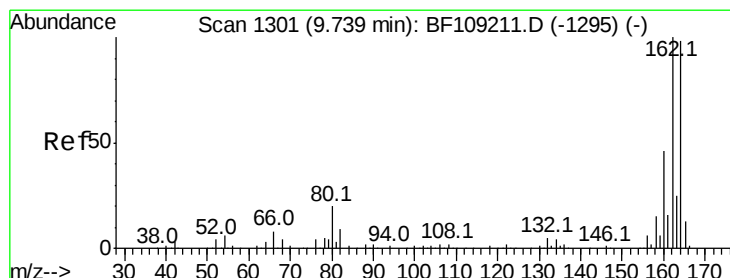
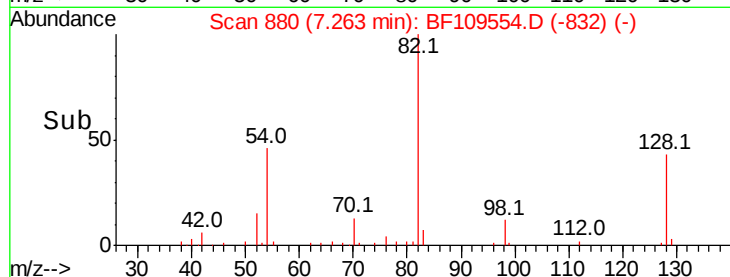
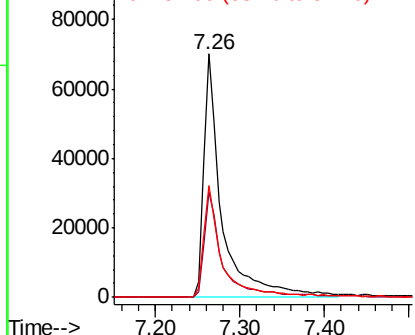
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	46.0	41.4	62.2

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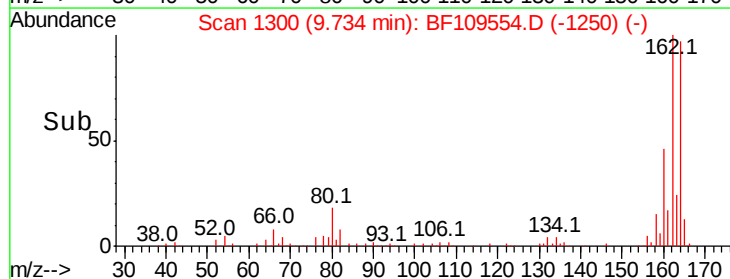
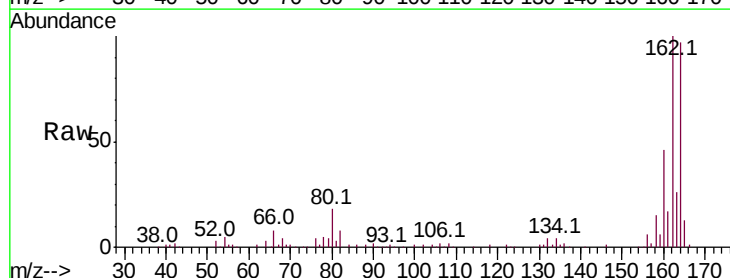
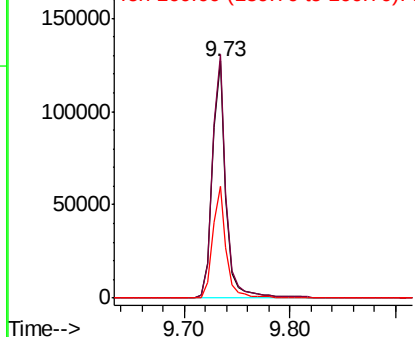
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

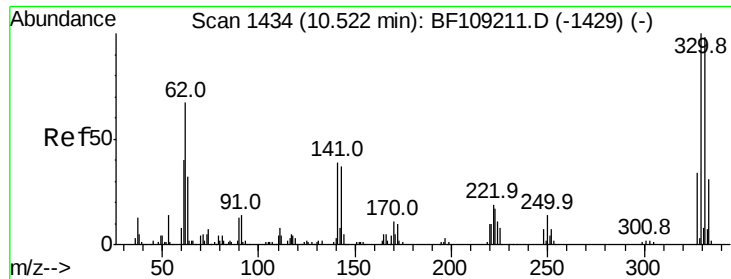


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109554.D
 Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	47.0	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





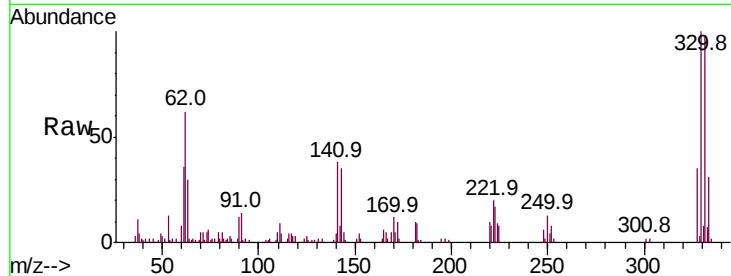
#41
 2,4,6-Tribromophenol
 Concen: 35.456 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109554.D
 Acq: 3 Oct 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100218-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	34.5	29.9	44.9

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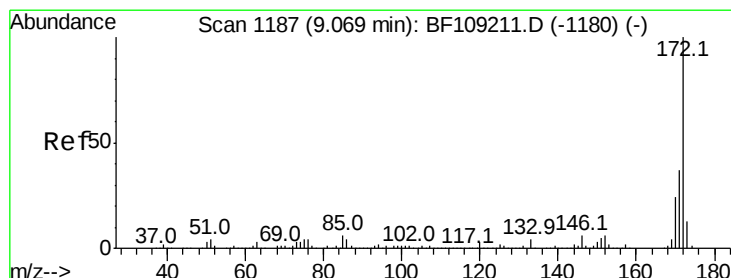
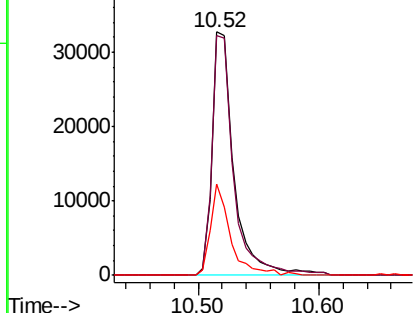
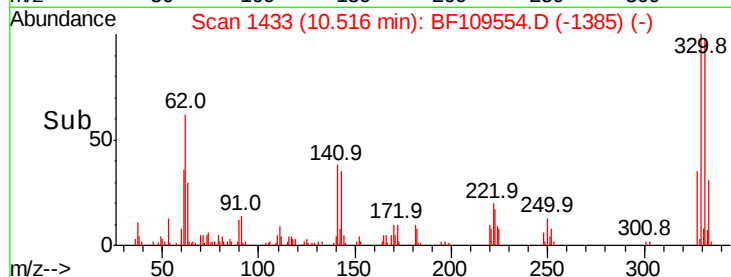


Abundance

Ion 329.80 (329.50 to 330.50): E

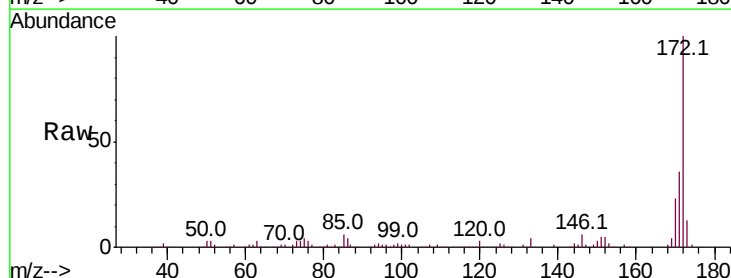
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 23.401 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109554.D
 Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

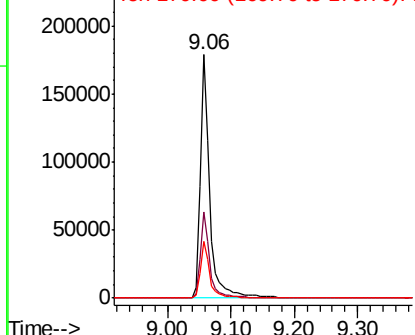
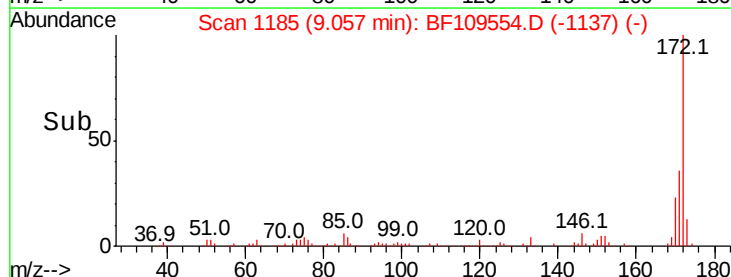


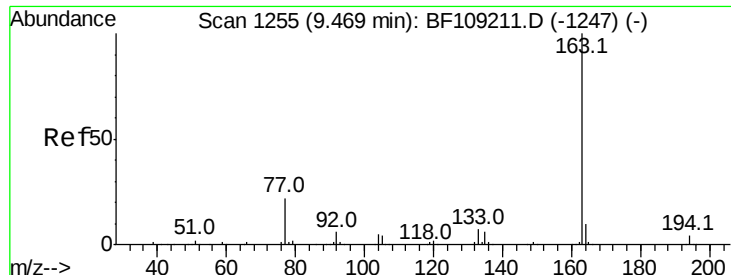
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





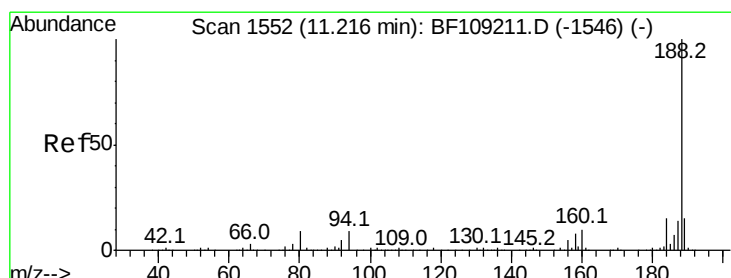
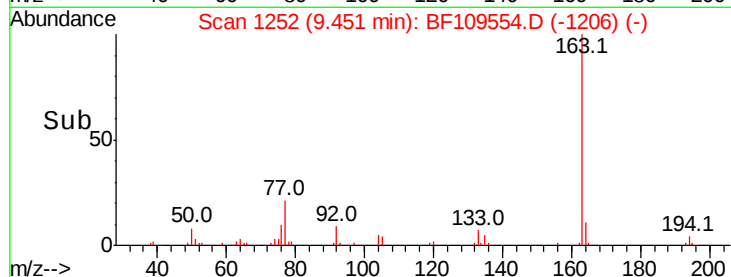
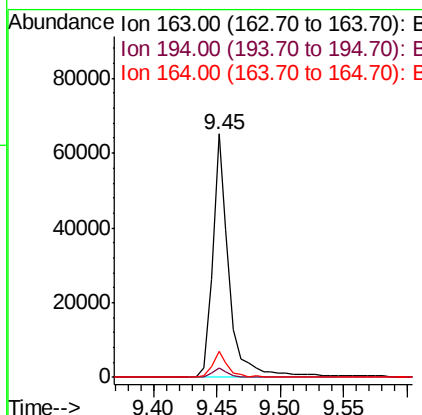
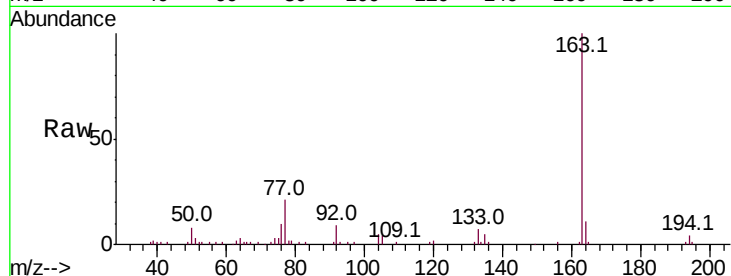
#49
Dimethylphthalate
Concen: 6.954 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-D

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2

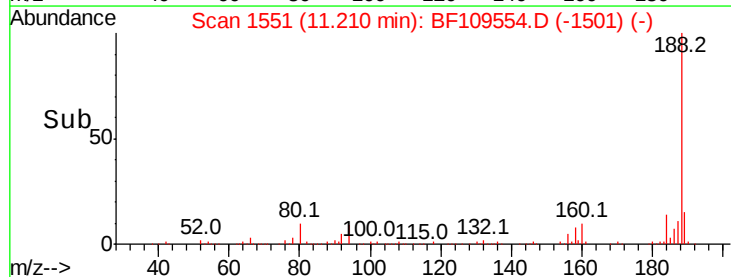
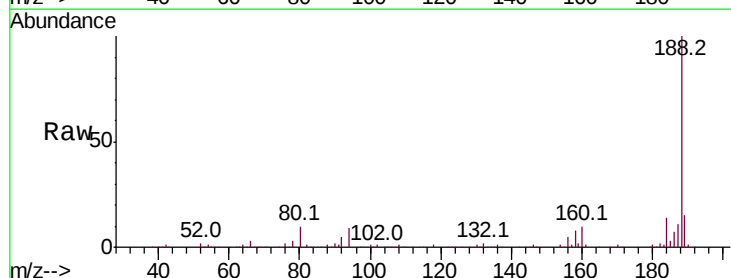
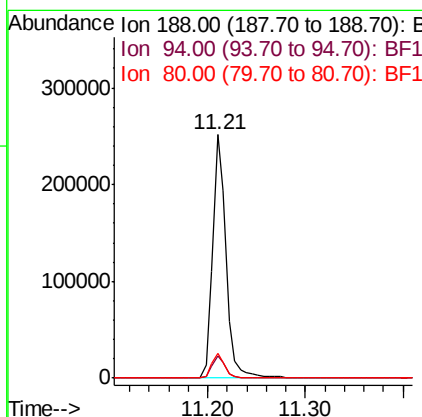
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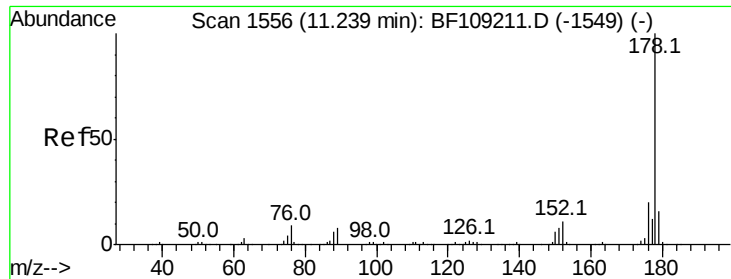
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.3	9.2	13.8





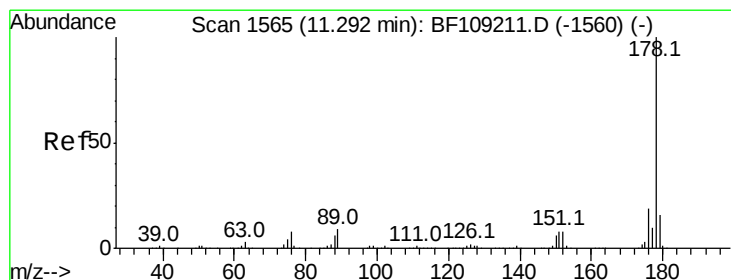
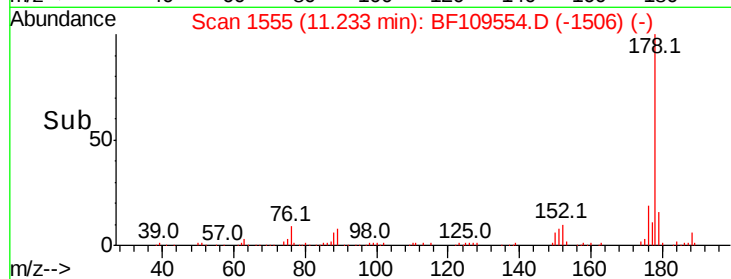
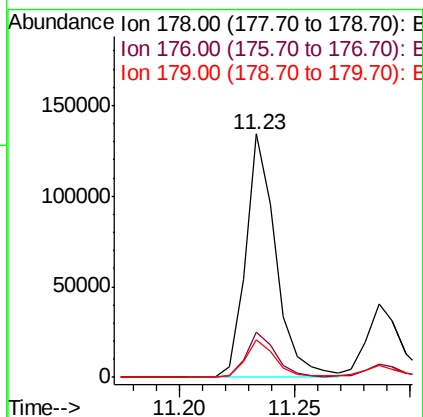
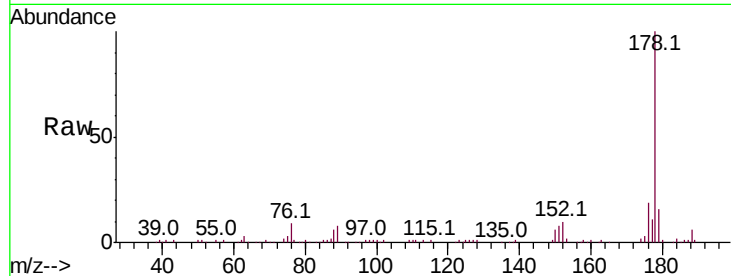
#70
Phenanthrene
Concen: 10.185 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.5	13.0	19.6

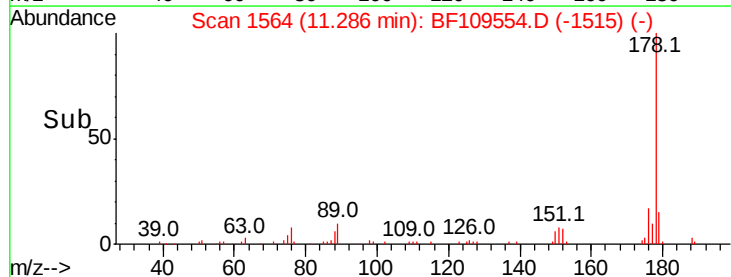
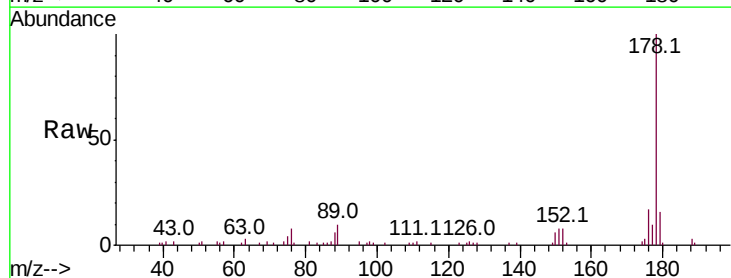
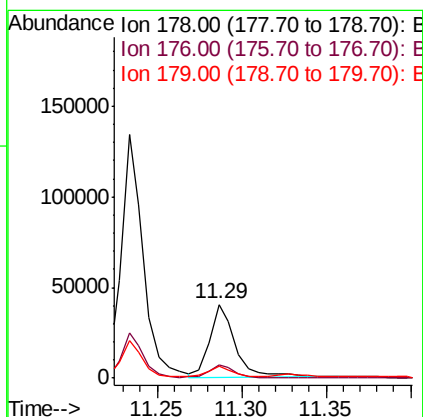
Manual Integrations
APPROVED

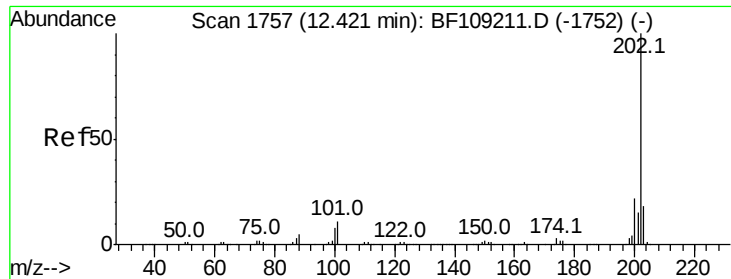
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#71
Anthracene
Concen: 3.544 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.4	23.2
179	16.3	12.6	19.0





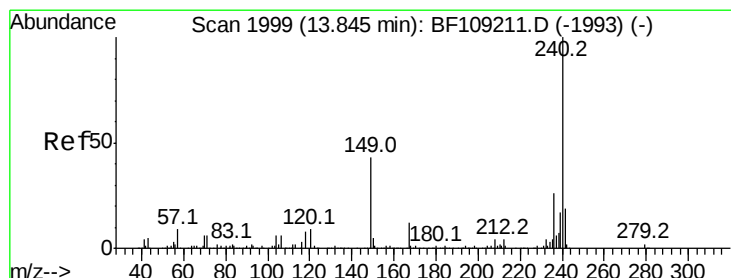
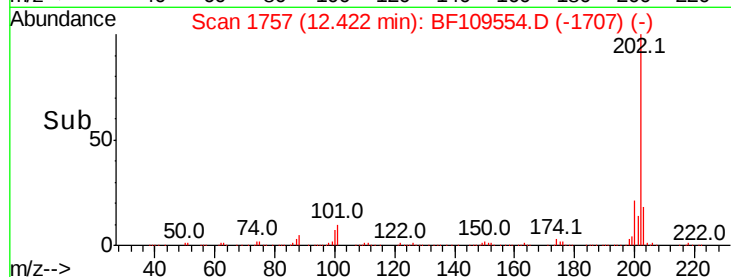
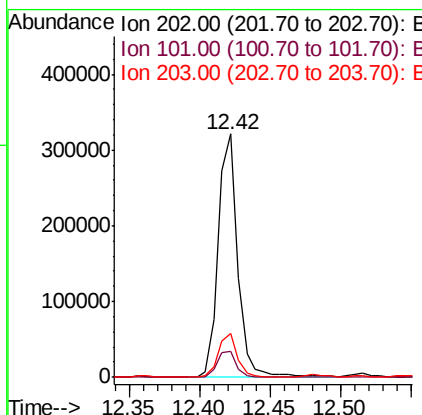
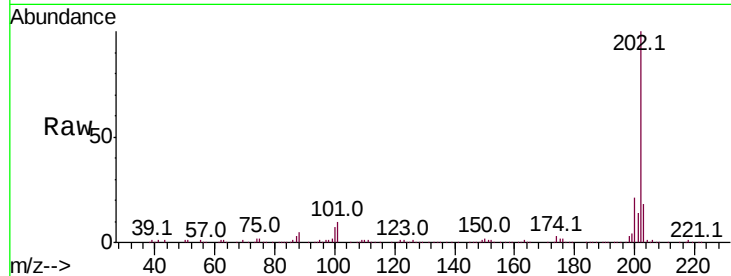
#74
 Fluoranthene
 Concen: 24.018 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF109554.D
 Acq: 3 Oct 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100218-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.8	0.0	38.1

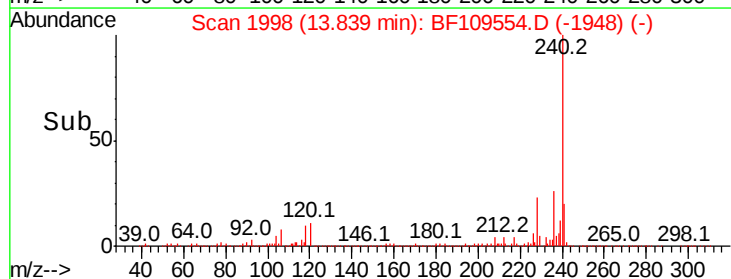
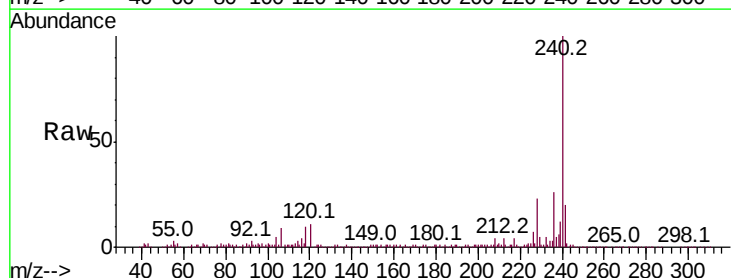
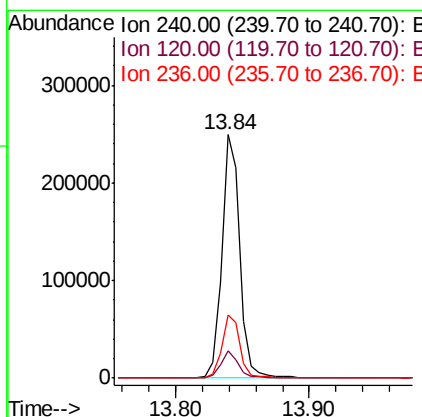
Manual Integrations
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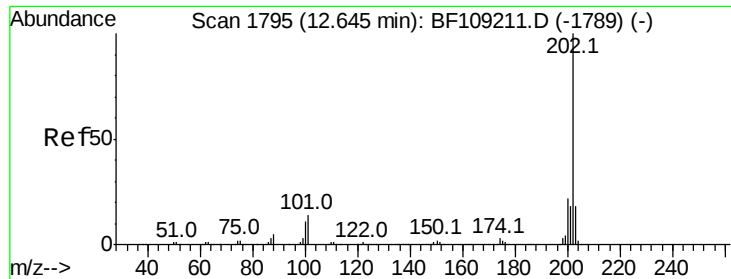
Sohil
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109554.D
 Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.8	20.7	31.1





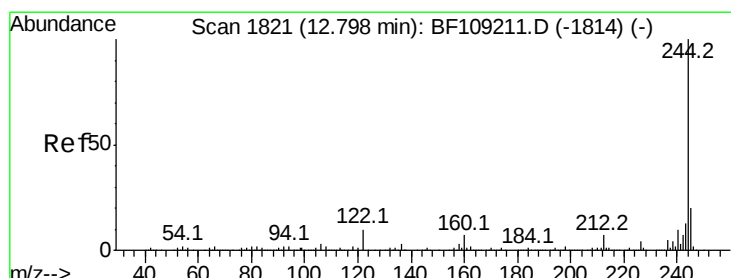
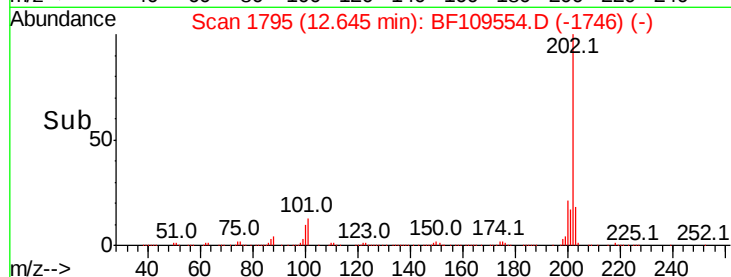
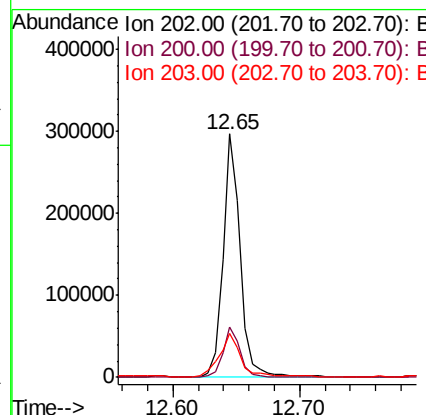
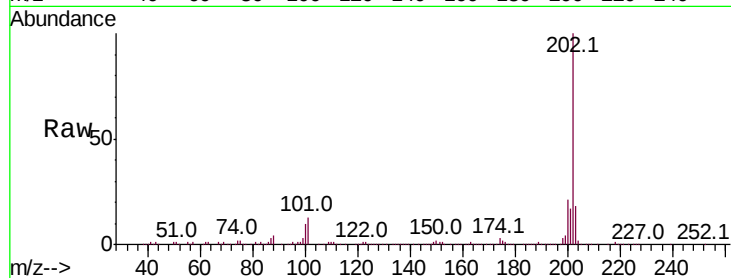
#77
Pvrene
Concen: 16.756 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Instrument :
BNA_F
ClientSampled :
CL-01-100218-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.0	14.3	21.5

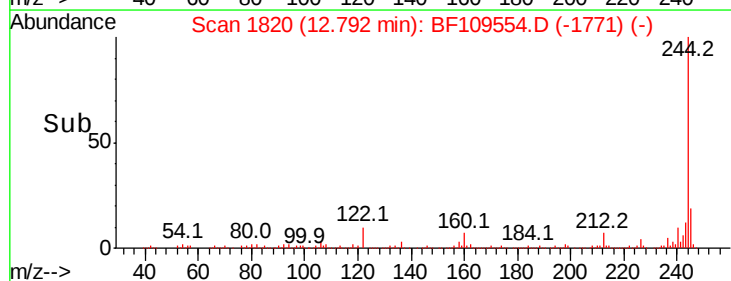
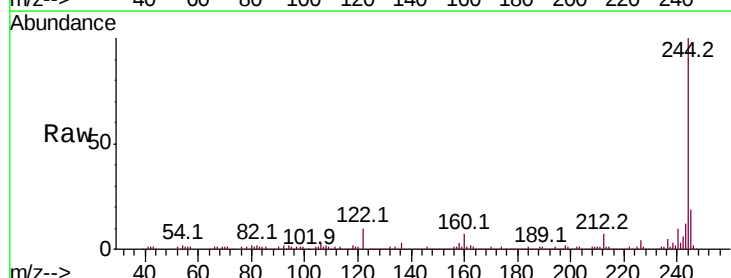
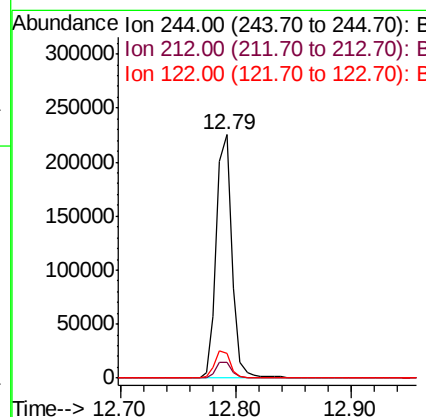
Manual Integrations
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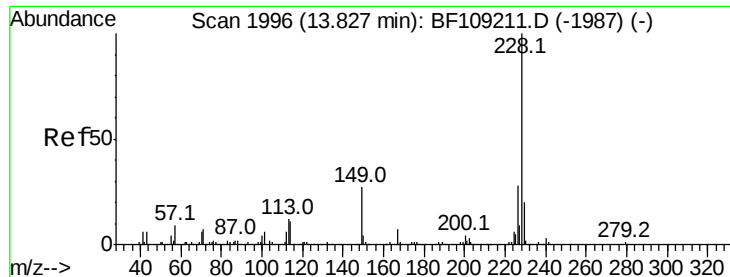
Sohil
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#78
Terphenyl-d14
Concen: 22.378 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.9	11.0	16.4#





#80

Benzo(a)anthracene

Concen: 9.191 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109554.D

Acq: 3 Oct 2018 18:44

Instrument :

BNA_F

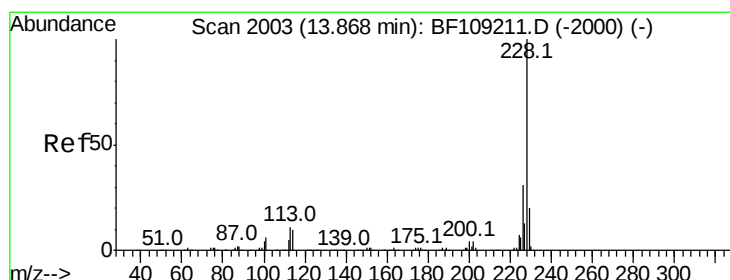
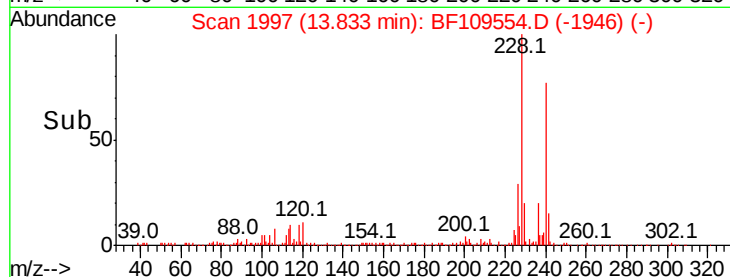
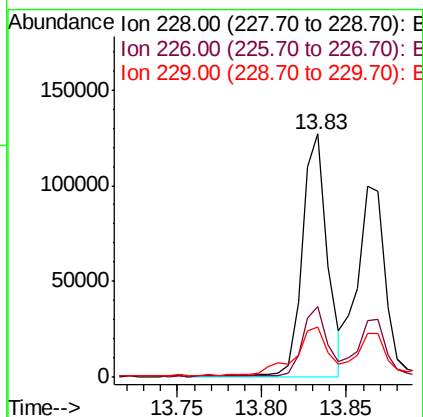
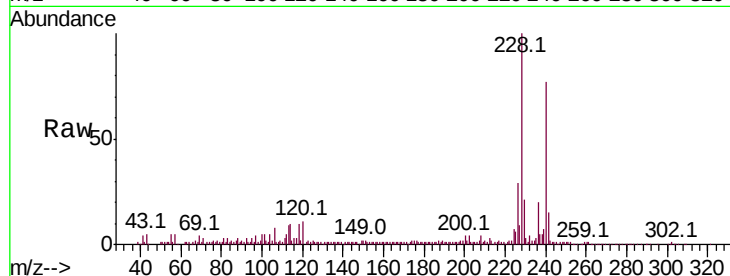
ClientSampleId :

CL-01-100218-D

Tot Ion:	228	Resp:	129532
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.6	33.8
229	20.8	15.8	23.6

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#82

Chrysene

Concen: 8.253 ng

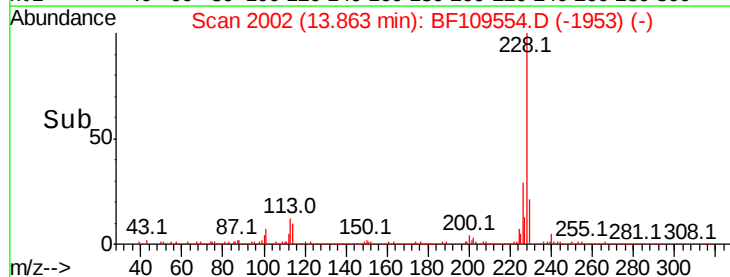
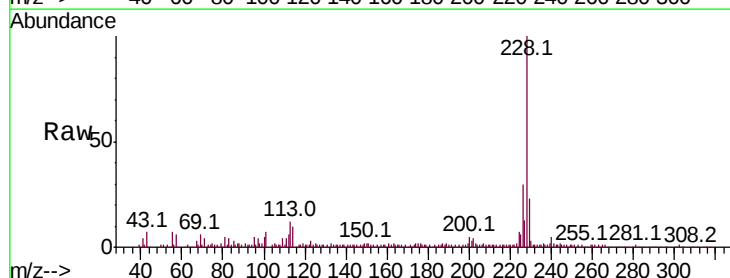
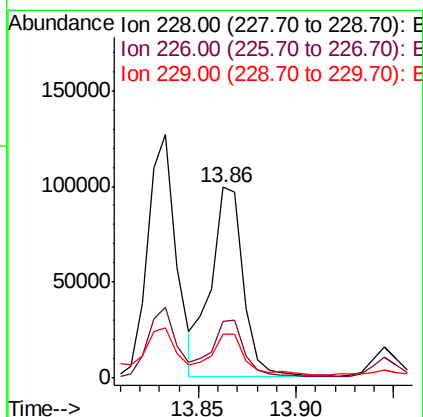
RT: 13.86 min Scan# 2002

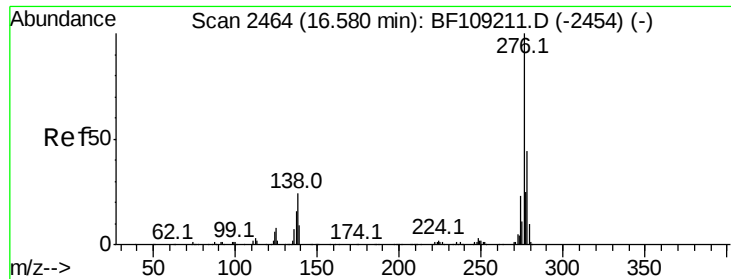
Delta R.T. -0.01 min

Lab File: BF109554.D

Acq: 3 Oct 2018 18:44

Tgt Ion:	228	Resp:	115283
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	22.9	16.2	24.4





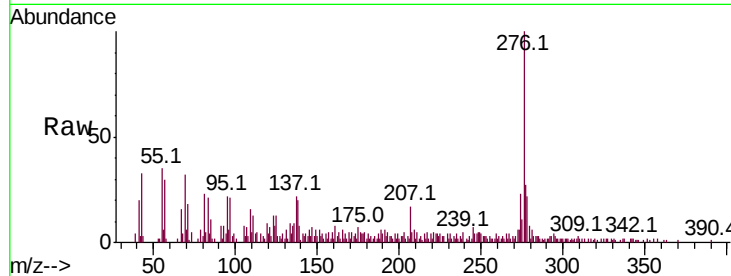
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.423 ng
RT: 16.60 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-D

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	25.0	37.6#
277	26.3	20.1	30.1

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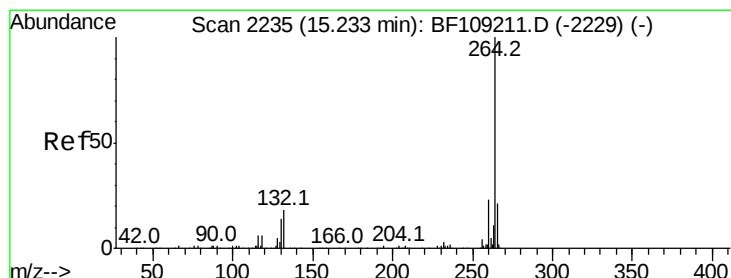
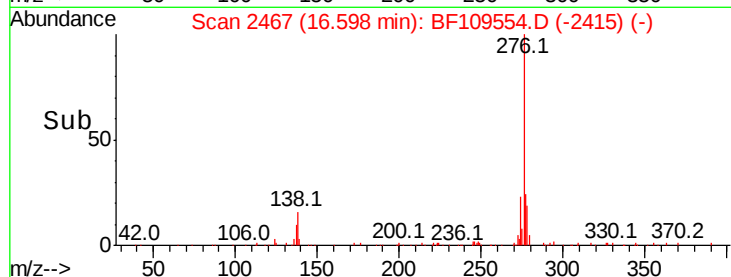
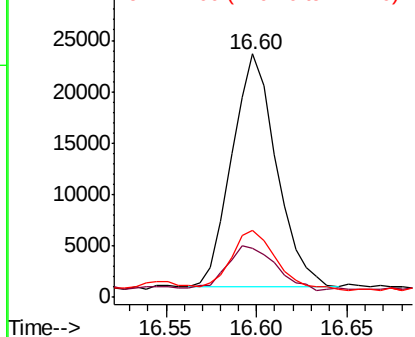


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

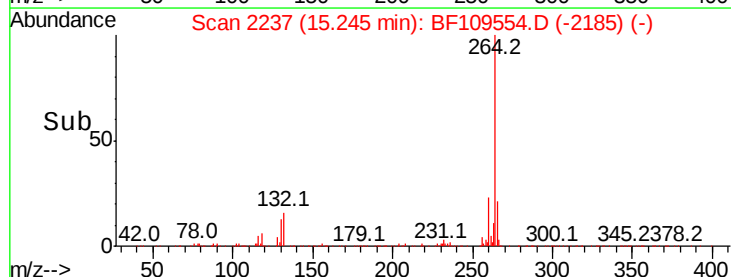
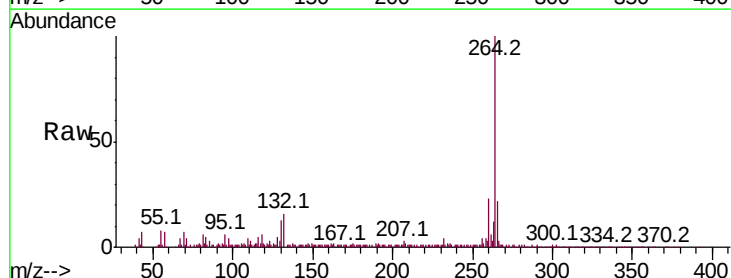
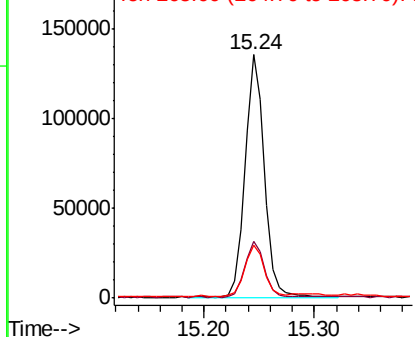
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3

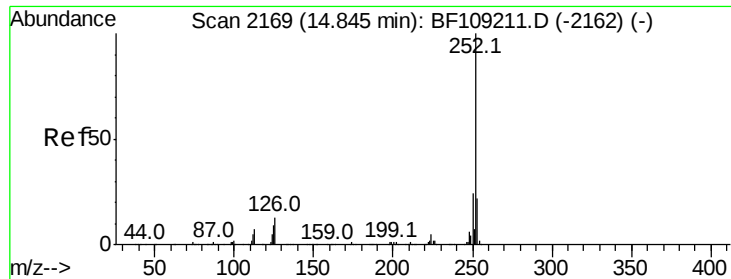
Abundance

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: 11.763 ng m

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF109554.D

Acq: 3 Oct 2018 18:44

Instrument :

BNA_F

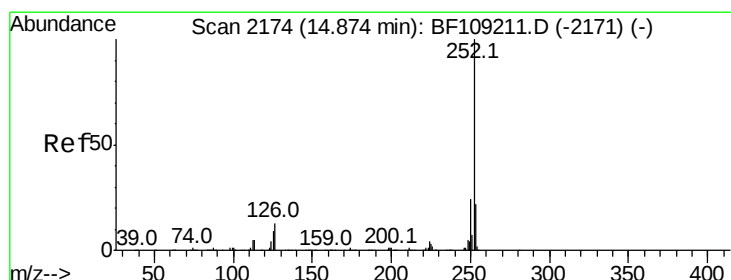
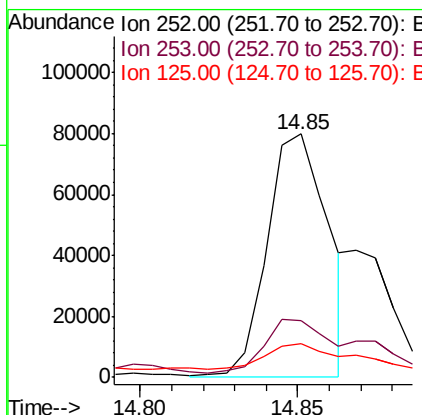
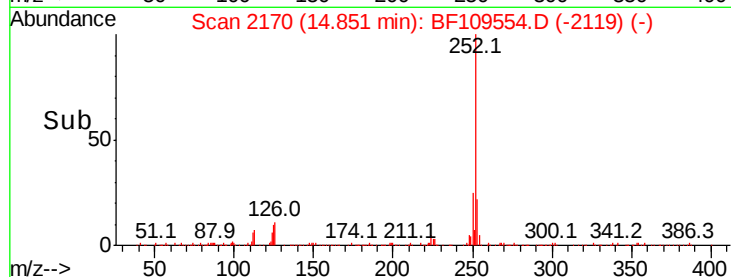
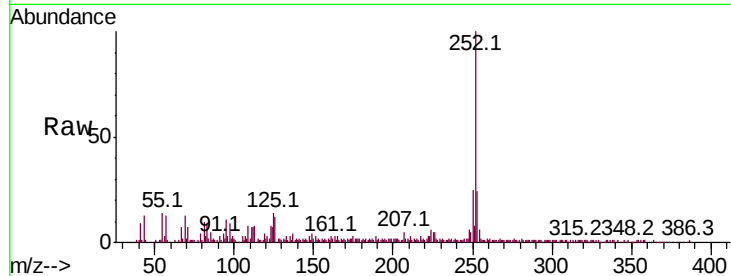
ClientSampleId :

CL-01-100218-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	13.6	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 4.927 ng m

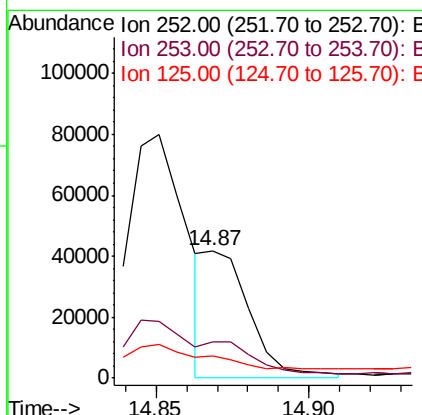
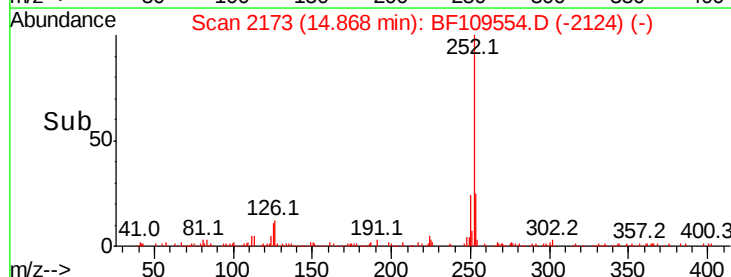
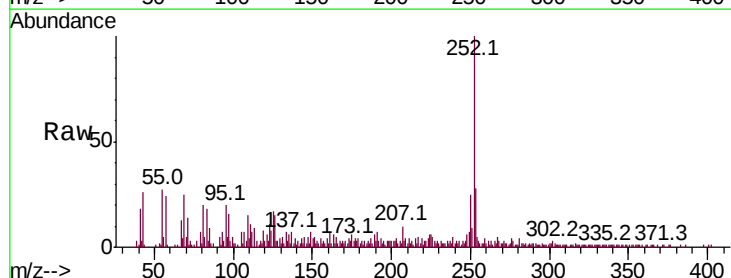
RT: 14.87 min Scan# 2173

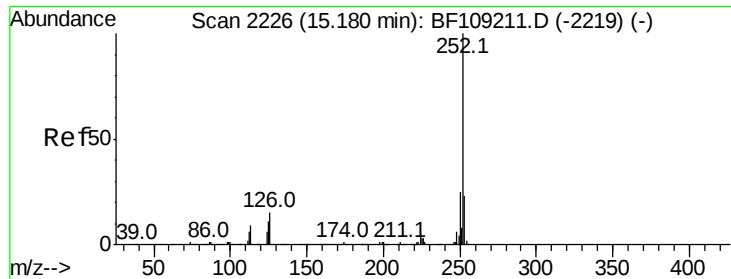
Delta R.T. -0.01 min

Lab File: BF109554.D

Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.9	26.9
125	17.2	10.2	15.2





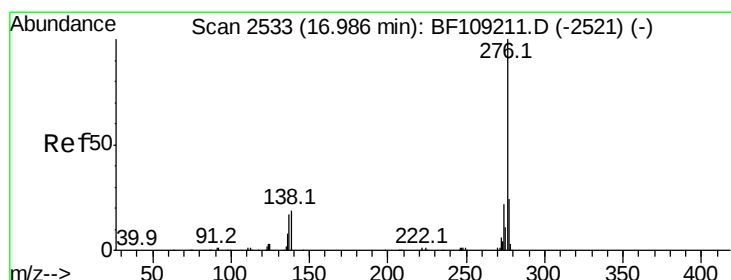
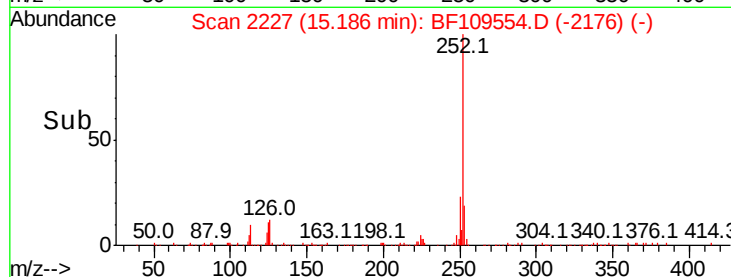
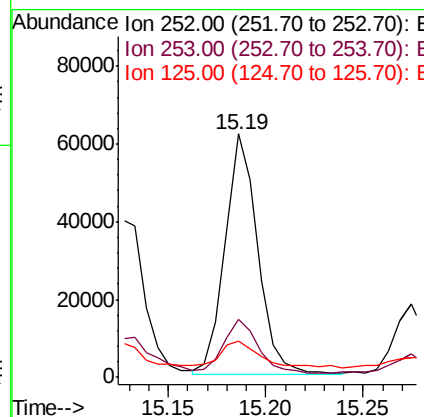
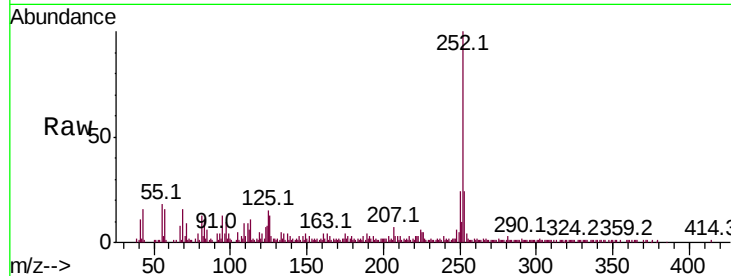
#89
Benzo(a)pyrene
Concen: 8.720 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Instrument :
BNA_F
ClientSampleId :
CL-01-100218-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	14.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.831 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF109554.D
Acq: 3 Oct 2018 18:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.2	17.9	26.9
138	25.0	21.8	32.8

