

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
 Data File : BF109624.D
 Acq On : 5 Oct 2018 22:28
 Operator : JU/SJ
 Sample : J5263-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID14-COMP-100318

Manual Integrations
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Sohil
 10/8/2018 12:21:33 PM

Quant Time: Oct 06 06:51:57 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	94255	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	371204	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	161786	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	252079	20.00	ng	0.00
75) Chrysene-d12	13.83	240	210424	20.00	ng	-0.01
86) Perylene-d12	15.24	264	206022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	443560	77.51	ng	0.00
7) Phenol-d6	6.35	99	620804	85.02	ng	0.00
23) Nitrobenzene-d5	7.26	82	398086	63.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	125403	78.63	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	650894	60.68	ng	-0.02
78) Terphenyl-d14	12.79	244	459069	53.54	ng	-0.02
Target Compounds						
10) Phenol	6.36	94	33901	4.100	ng	# 74
49) Dimethylphthalate	9.45	163	80172	6.813	ng	# 99
70) Phenanthrene	11.23	178	87635	6.963	ng	97
71) Anthracene	11.29	178	38463	3.013	ng	99
74) Fluoranthene	12.42	202	169034	12.567	ng	95
77) Pyrene	12.64	202	146073	9.686	ng	98
80) Benzo(a)anthracene	13.83	228	110174m	8.693	ng	
82) Chrysene	13.86	228	90962	7.241	ng	96
85) Indeno(1,2,3-cd)pyrene	16.58	276	41666	4.092	ng	# 93
87) Benzo(b)fluoranthene	14.84	252	124807m	11.025	ng	
88) Benzo(k)fluoranthene	14.86	252	48963m	4.558	ng	
89) Benzo(a)pyrene	15.17	252	93343	9.150	ng	96
91) Benzo(a,h,i)perylene	16.99	276	37044	4.504	ng	# 93

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

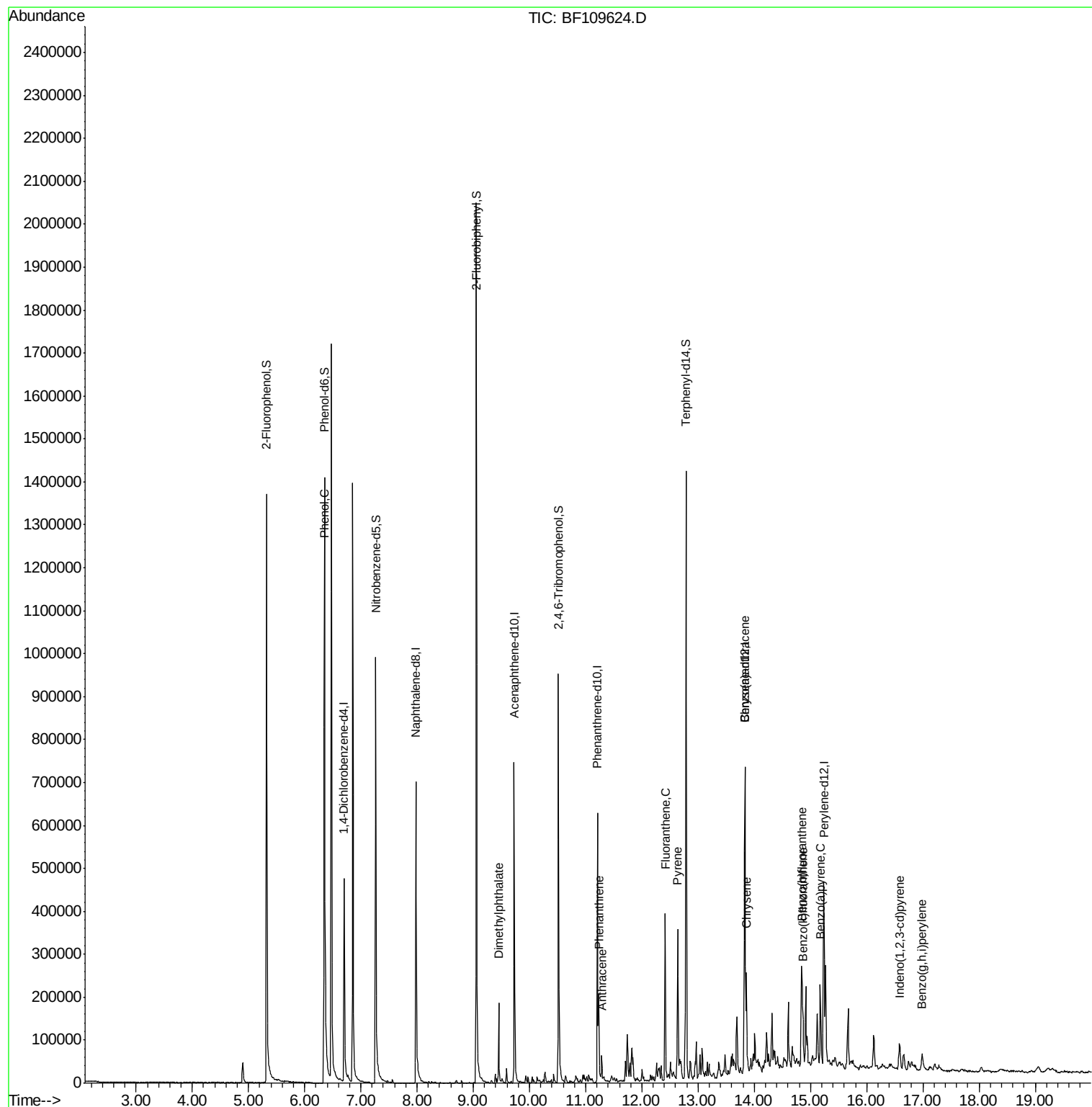
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109624.D
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Sample : J5263-05
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ALS Vial : 10 Sample Multiplier: 1

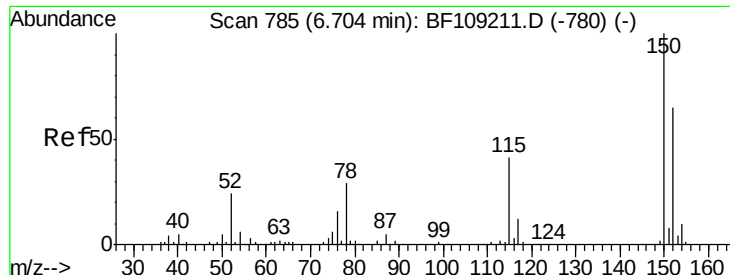
Instrument :
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ClientSampleId :
GRID14-COMP-100318

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Quant Time: Oct 06 06:51:57 2018
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

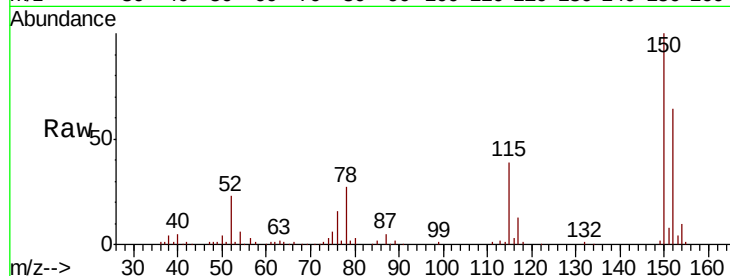
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.4	50.1	75.1

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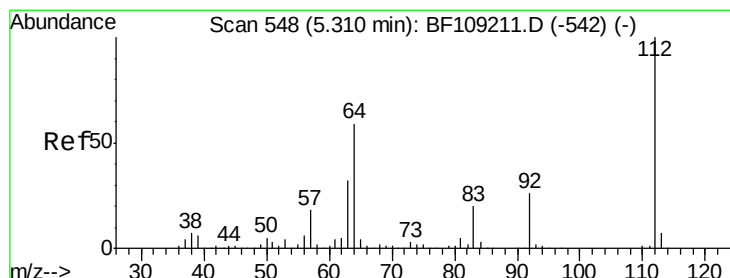
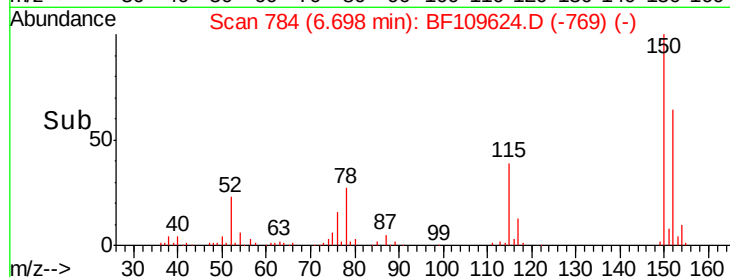
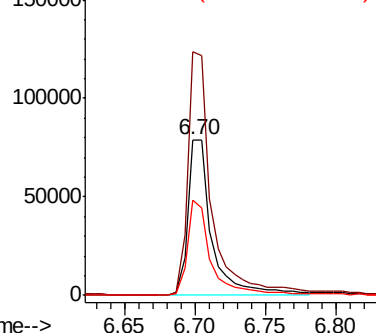


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

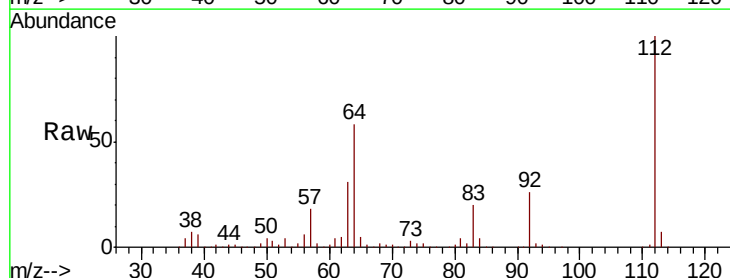
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.511 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	31.1	23.7	35.5

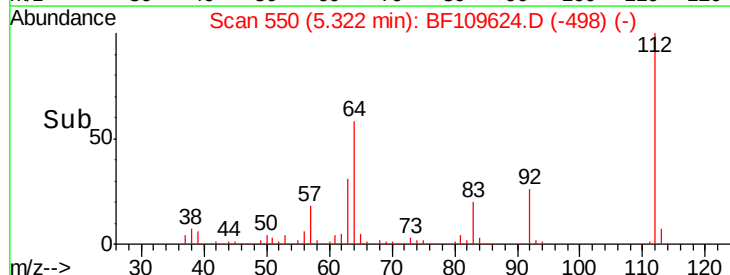
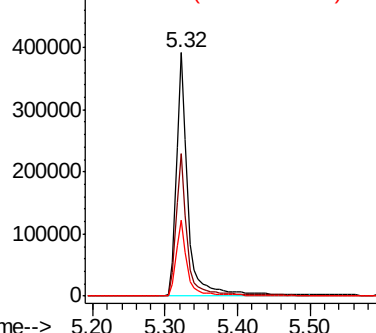


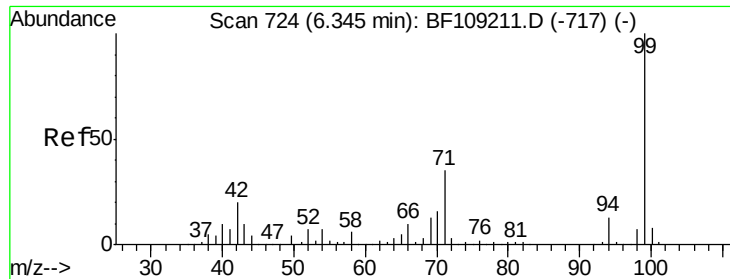
Abundance

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: 85.016 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109624.D

Acq: 5 Oct 2018 22:28

Instrument :

BNA_F

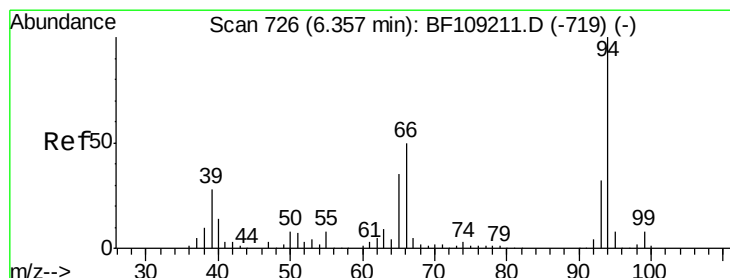
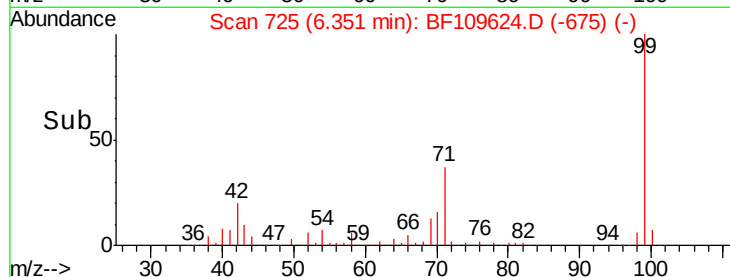
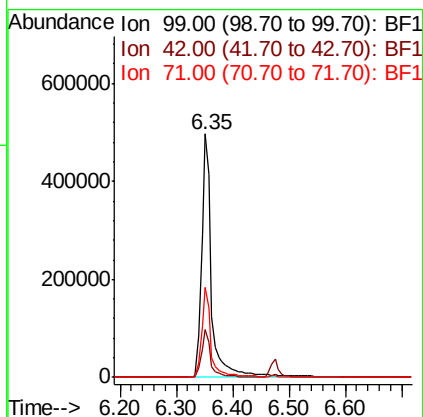
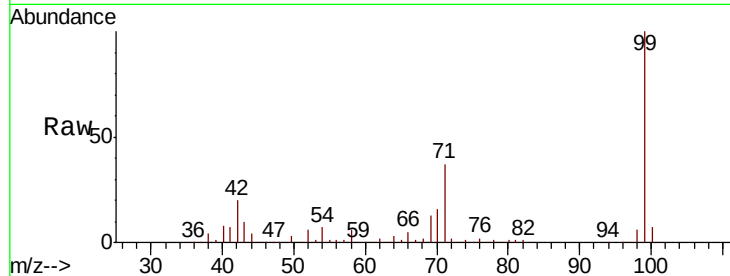
ClientSampleId :

GRID14-COMP-100318

Tot Ion:	99	Resp:	620804
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	36.8	25.4	38.0

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#10

Phenol

Concen: 4.100 ng

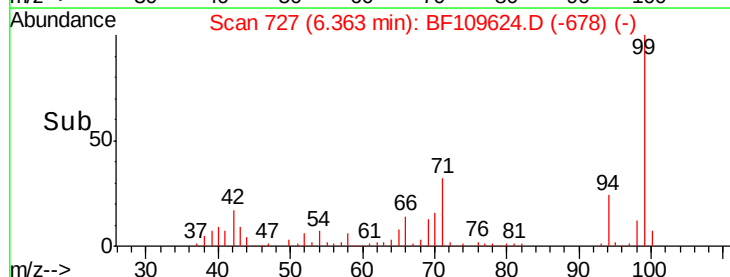
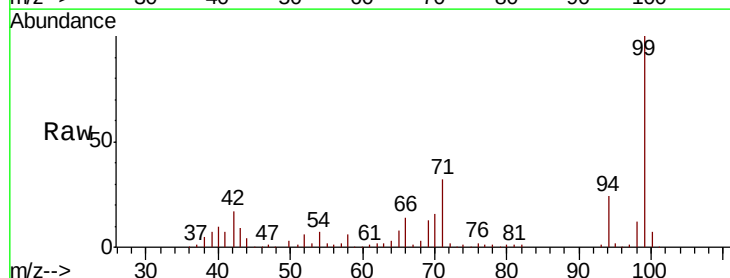
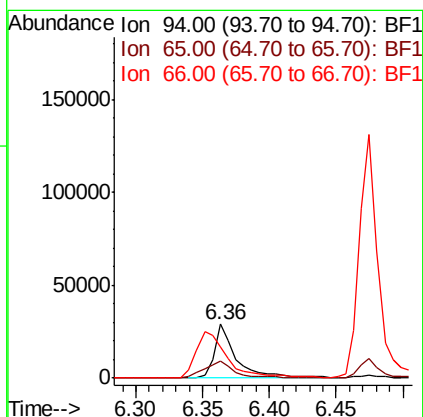
RT: 6.36 min Scan# 727

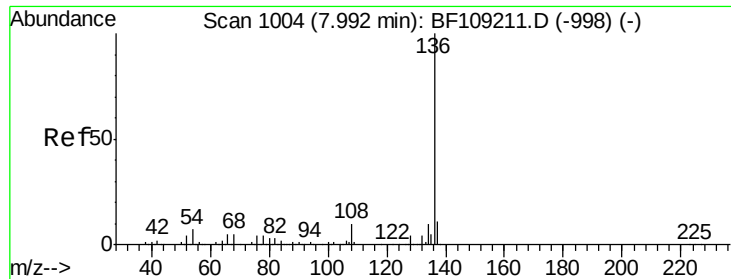
Delta R.T. -0.01 min

Lab File: BF109624.D

Acq: 5 Oct 2018 22:28

Tgt Ion:	94	Resp:	33901
Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	58.7	16.2	56.2#





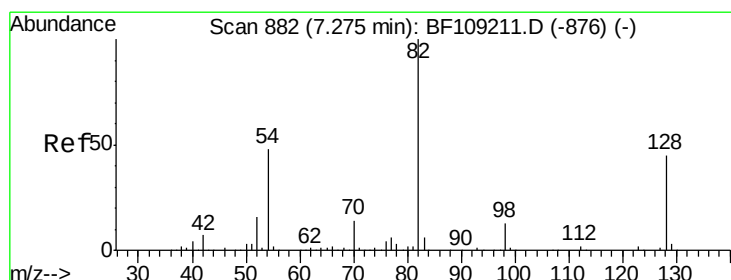
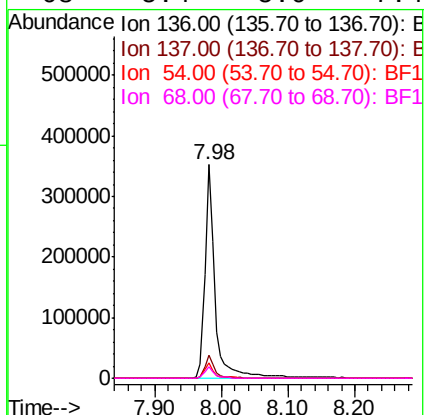
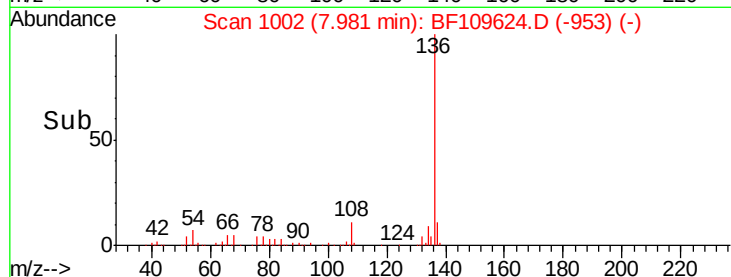
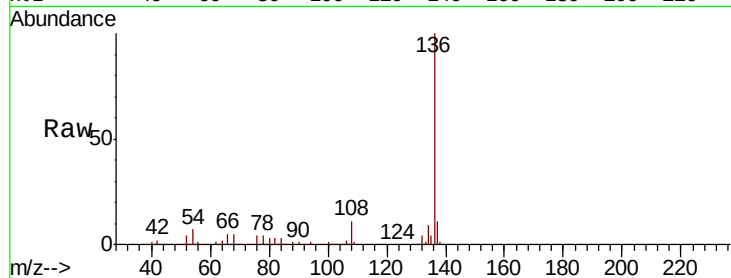
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.9	6.6	9.8
68	5.4	5.0	7.4

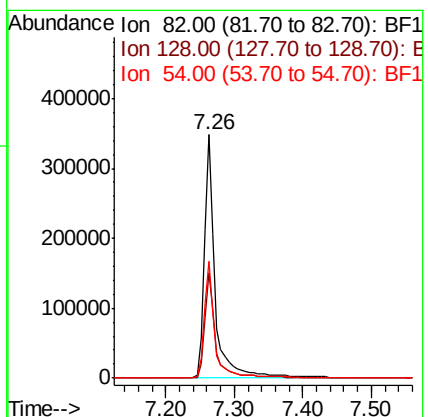
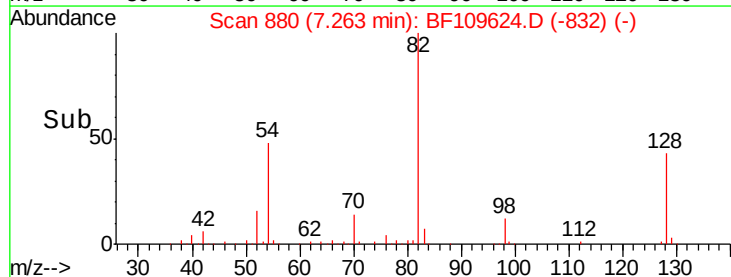
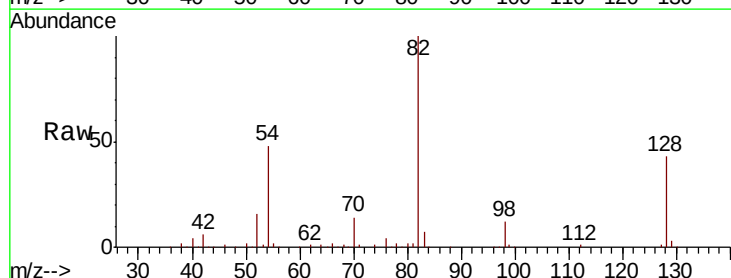
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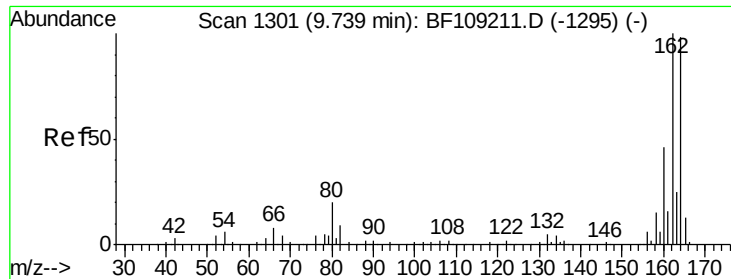
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#23
Nitrobenzene-d5
Concen: 63.306 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	47.9	41.4	62.2





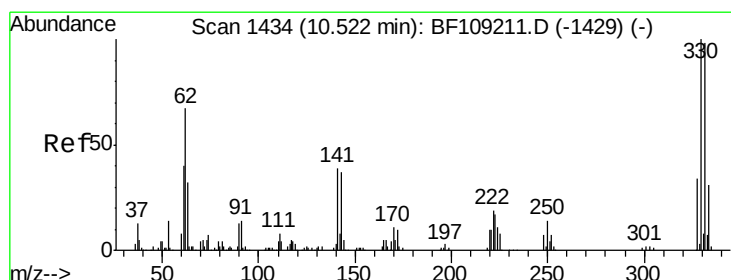
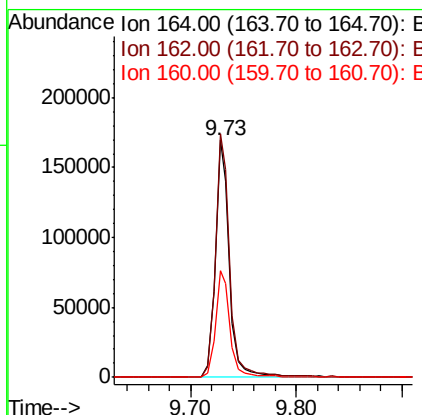
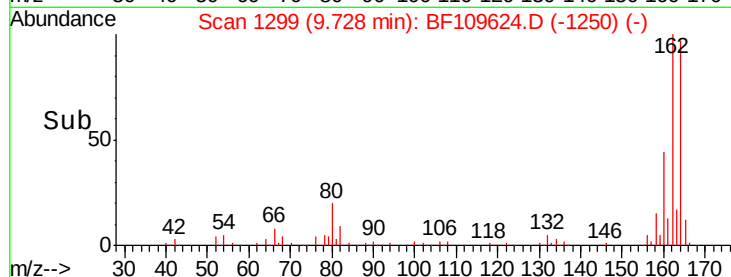
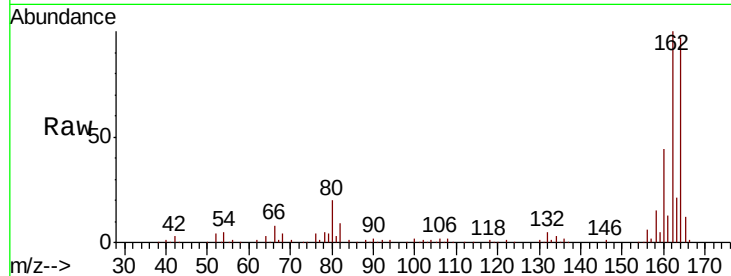
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.1	38.3	57.5

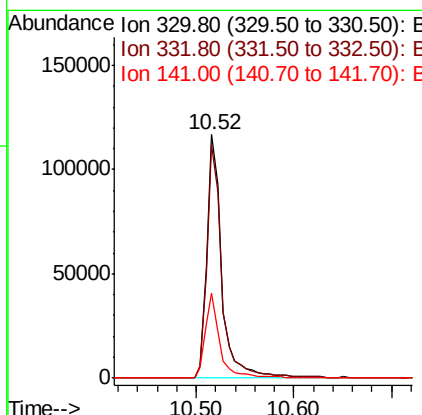
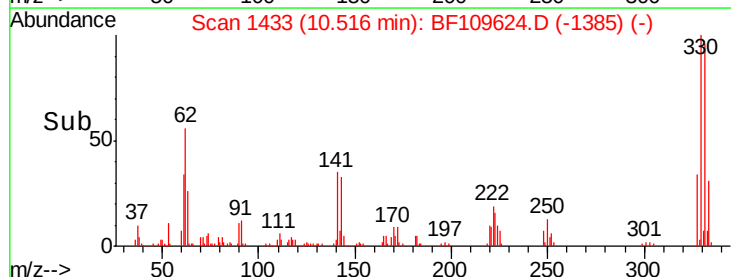
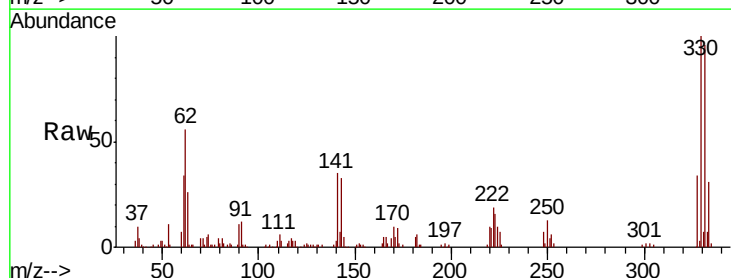
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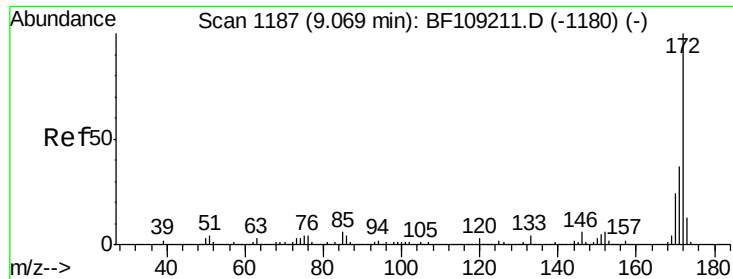
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#41
2,4,6-Tribromophenol
Concen: 78.629 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.5	29.9	44.9





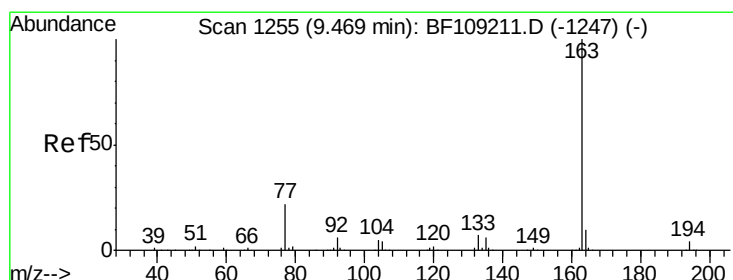
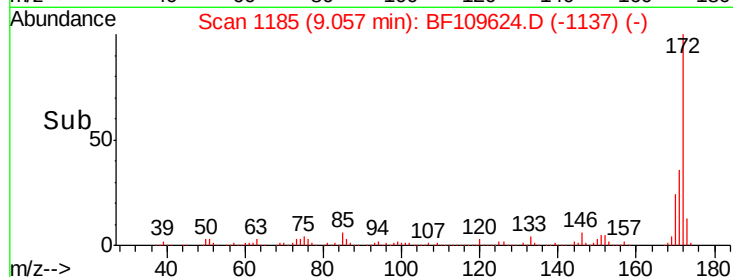
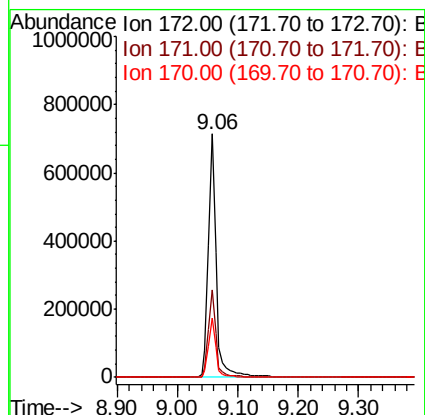
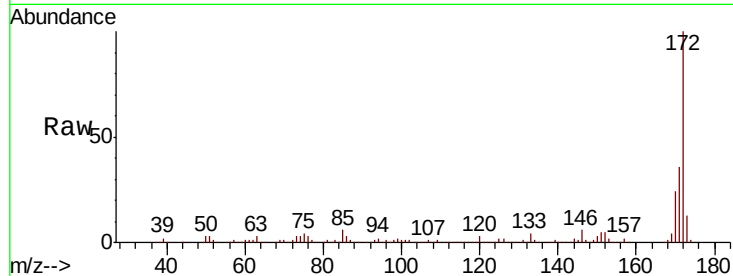
#44
2-Fluorobiphenyl
Concen: 60.677 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tot Ion	Ratio	Resp	Lower	Upper
172	100	650894		
171	35.8		29.7	44.5
170	24.1		19.6	29.4

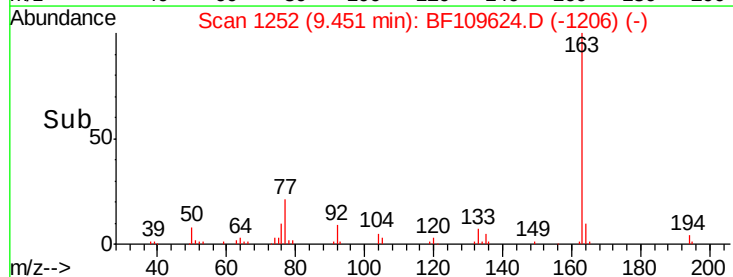
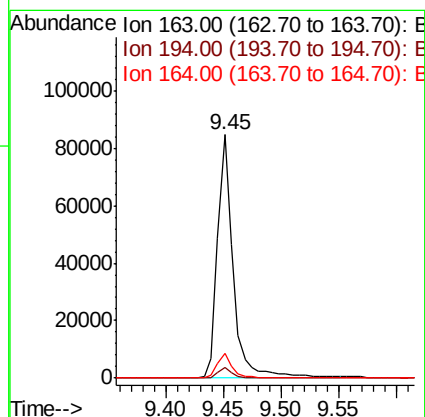
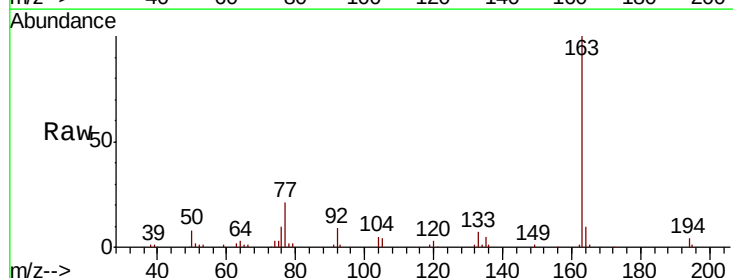
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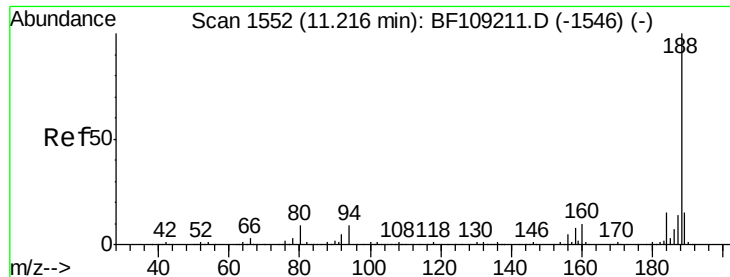
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#49
Dimethylphthalate
Concen: 6.813 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	80172		
194	4.2		2.7	4.1#
164	10.2		8.2	12.2





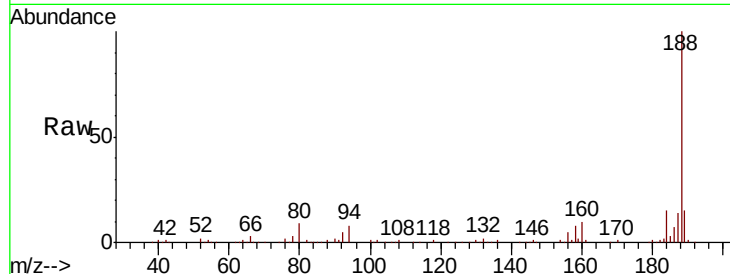
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

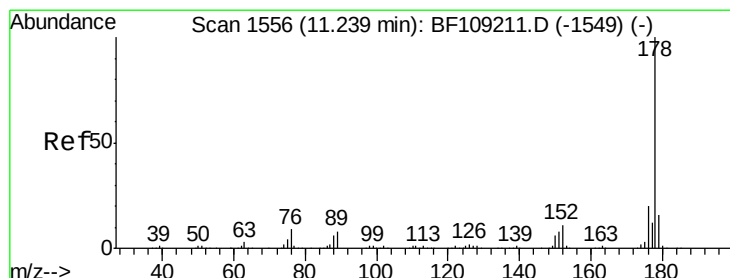
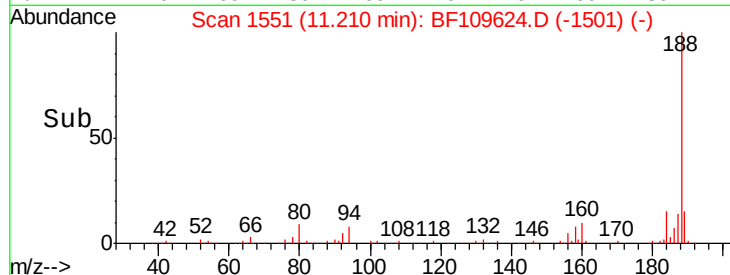
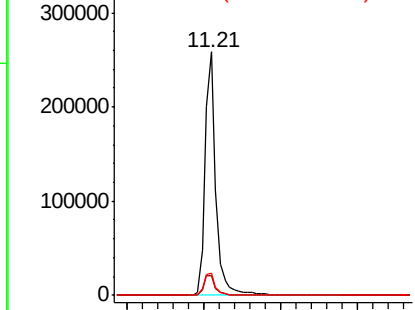
Tot Ion	Ratio	Resp	Lower	Upper
188	100	252079		
94	8.3		8.5	12.7#
80	8.9		9.2	13.8#

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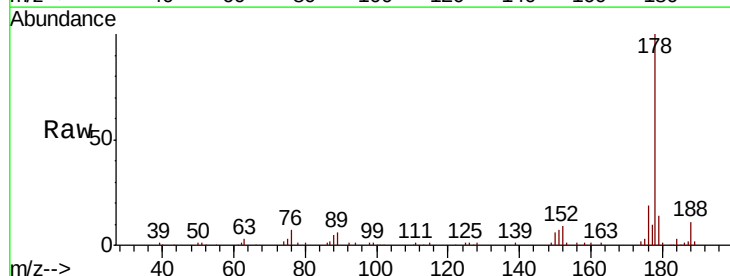


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

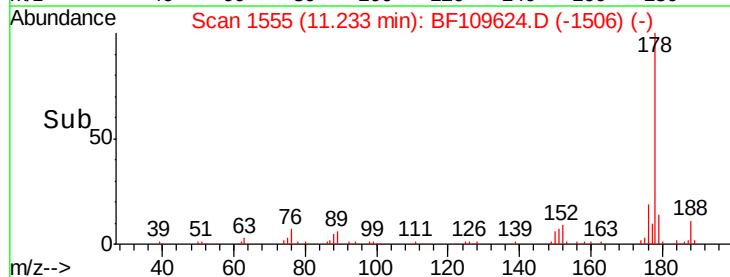
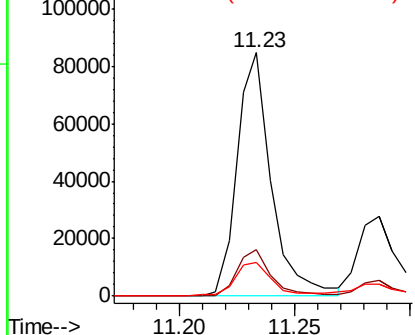


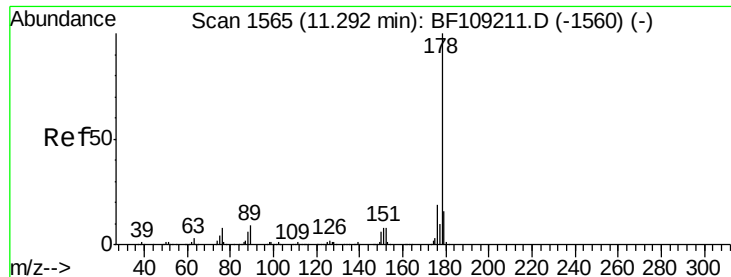
#70
Phenanthrene
Concen: 6.963 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	87635		
176	19.2		15.8	23.8
179	13.7		13.0	19.6



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





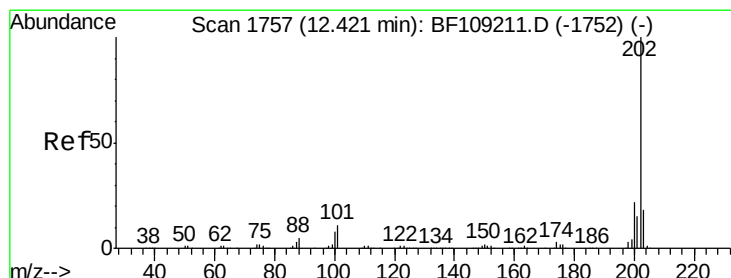
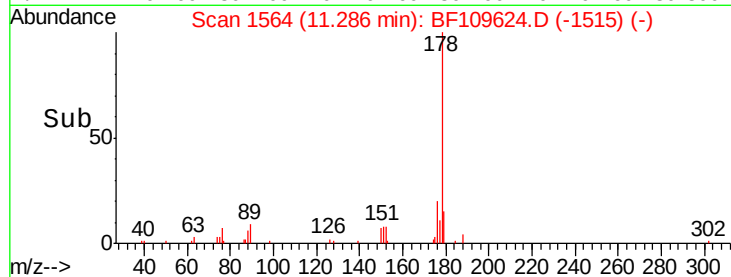
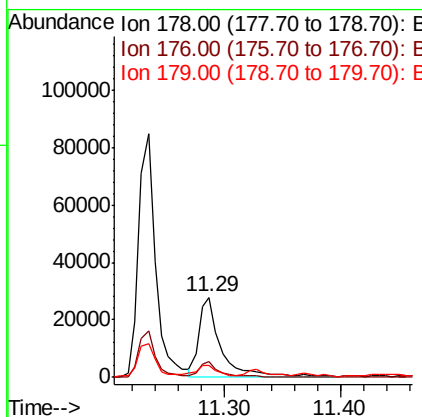
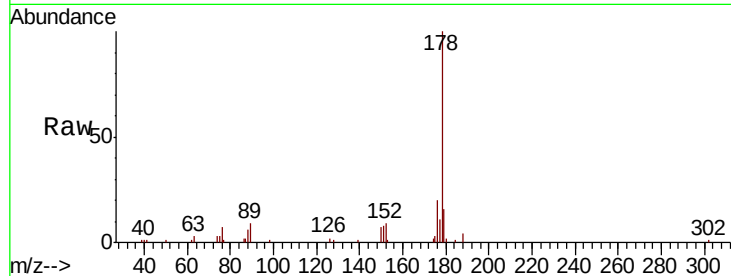
#71
 Anthracene
 Concen: 3.013 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF109624.D
 Acq: 5 Oct 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	15.6	12.6	19.0

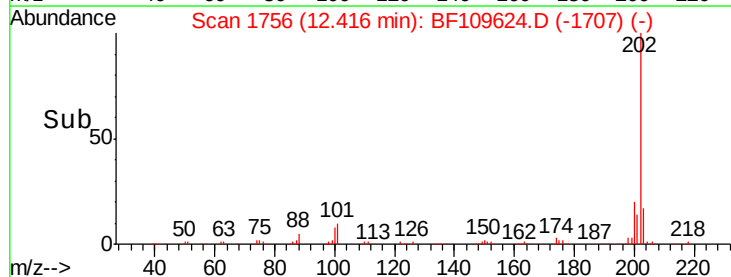
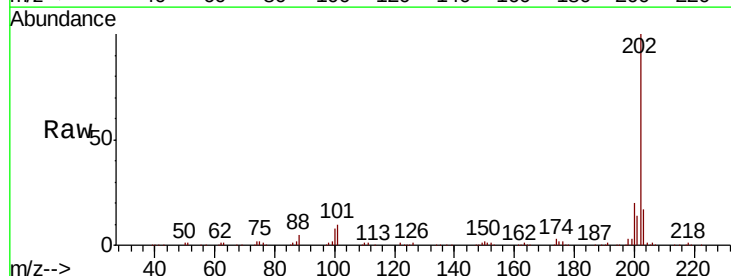
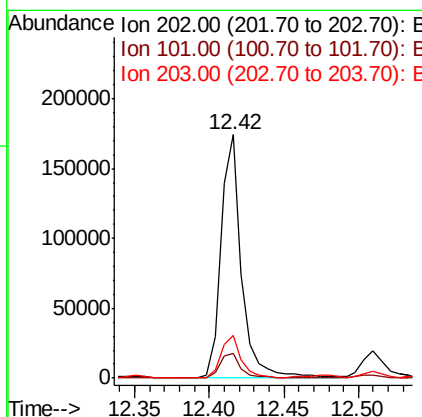
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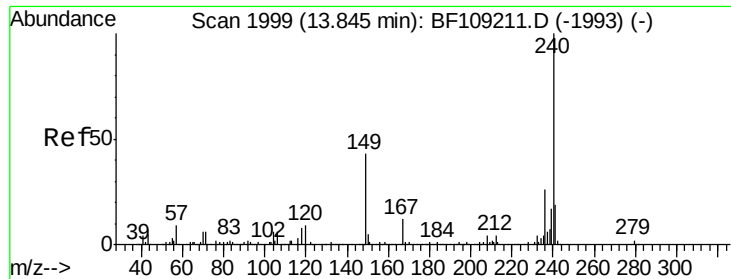
Sohil
 10/8/2018 12:21:33 PM



#74
 Fluoranthene
 Concen: 12.567 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109624.D
 Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109624.D

Acq: 5 Oct 2018 22:28

Instrument :

BNA_F

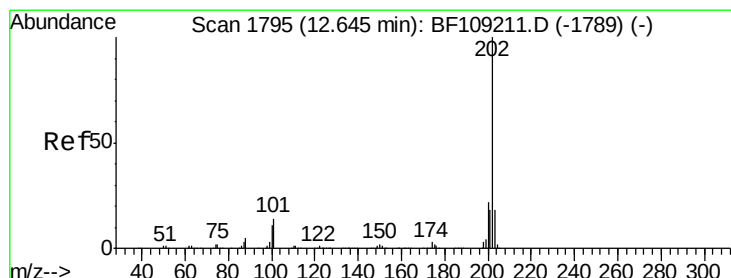
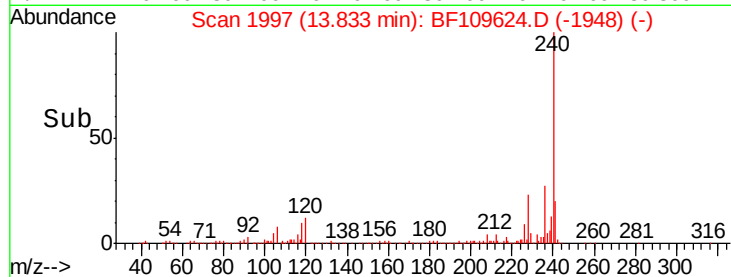
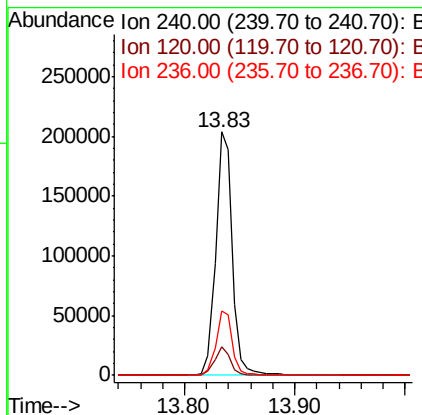
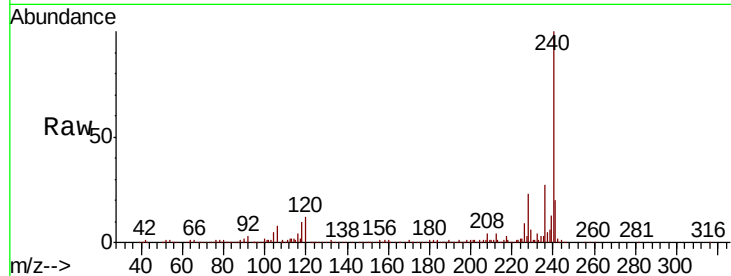
ClientSampleId :

GRID14-COMP-100318

Tot Ion:	240	Resp:	210424
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	26.5	20.7	31.1

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#77

Pyrene

Concen: 9.686 ng

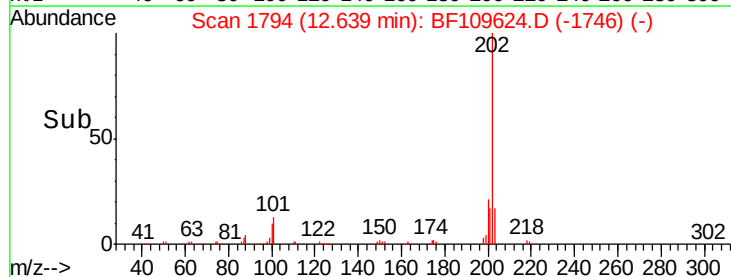
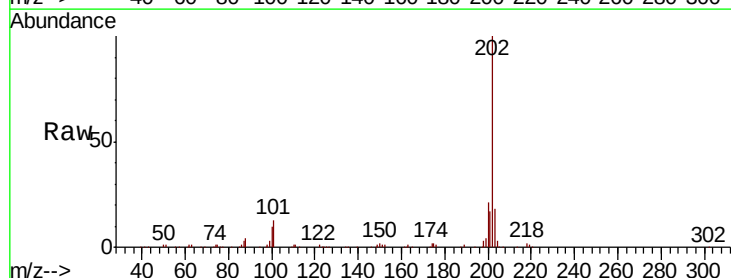
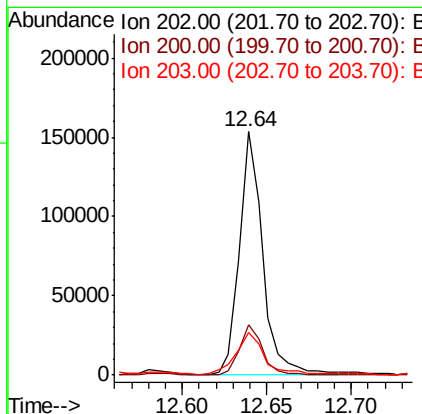
RT: 12.64 min Scan# 1794

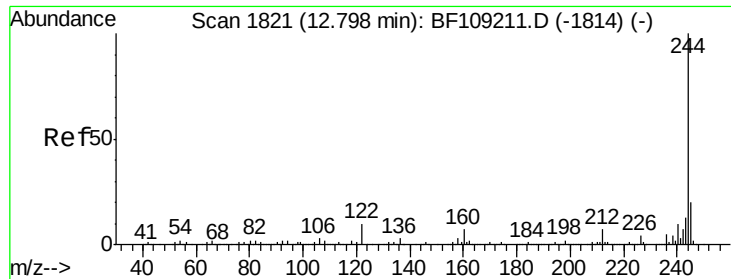
Delta R.T. -0.02 min

Lab File: BF109624.D

Acq: 5 Oct 2018 22:28

Tgt Ion:	202	Resp:	146073
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.5	14.3	21.5





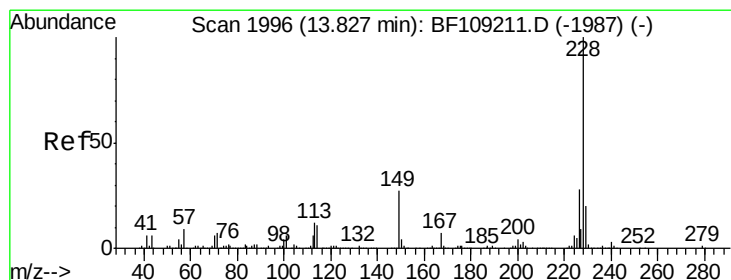
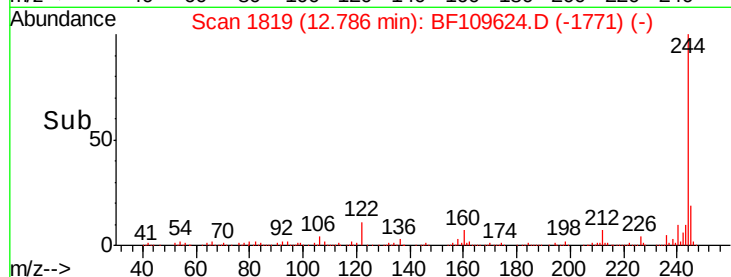
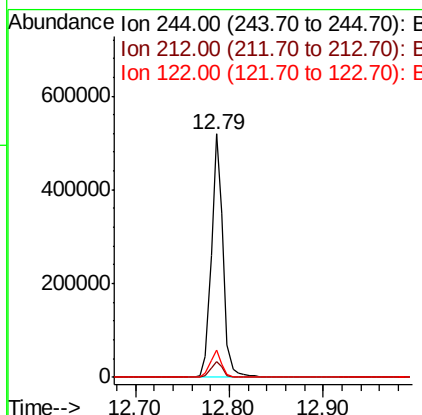
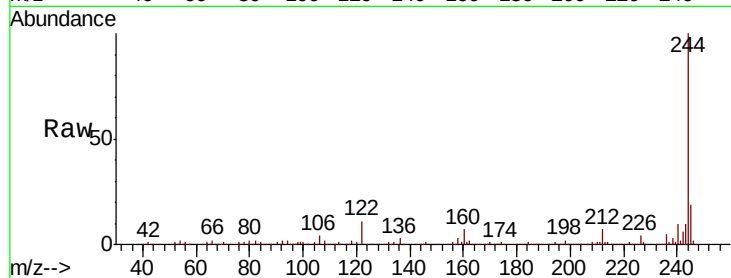
#78
 Terphenyl-d14
 Concen: 53.541 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BF109624.D
 Acq: 5 Oct 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4

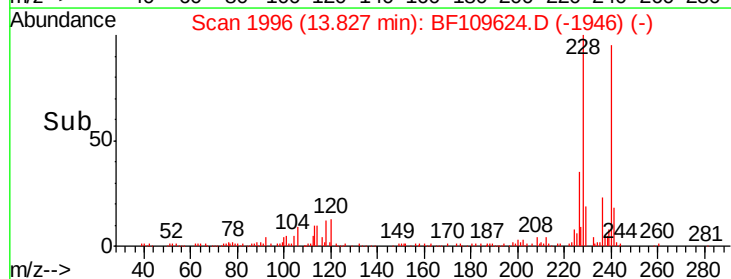
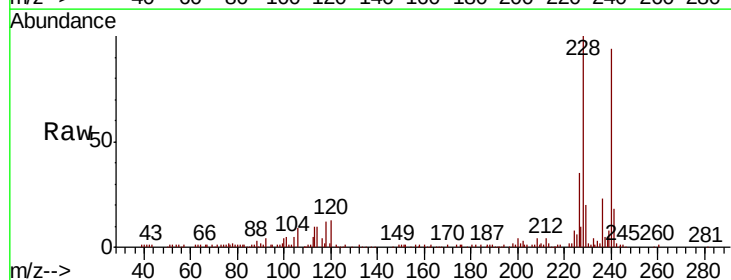
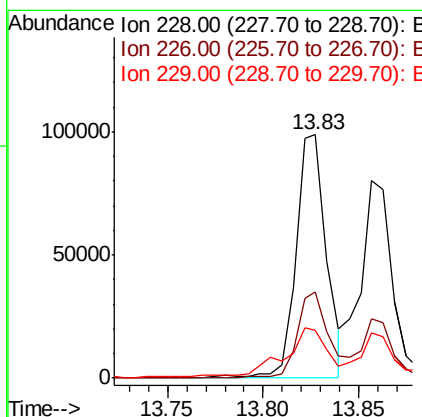
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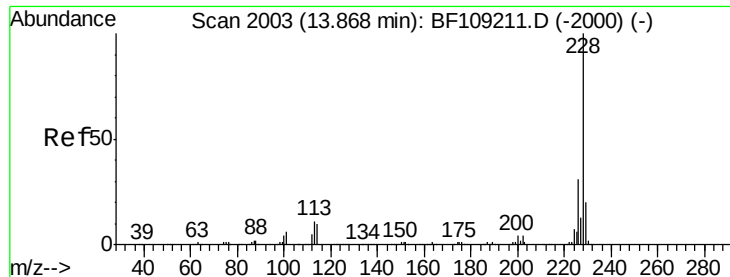
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#80
 Benzo(a)anthracene
 Concen: 8.693 ng m
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109624.D
 Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.2	22.6	33.8#
229	19.7	15.8	23.6





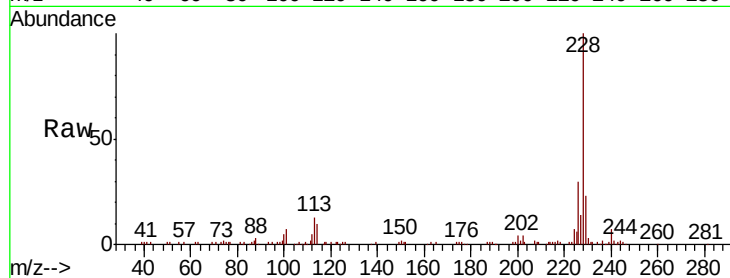
#82
Chrysene
Concen: 7.241 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampled :
GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	23.1	16.2	24.4

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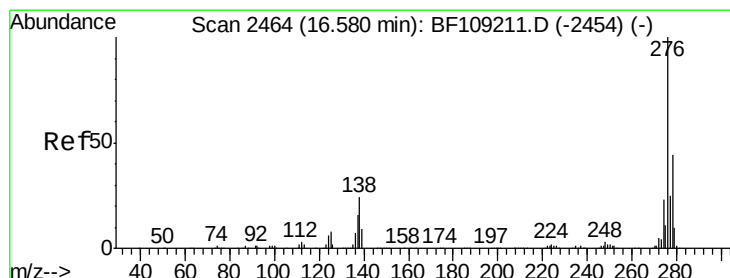
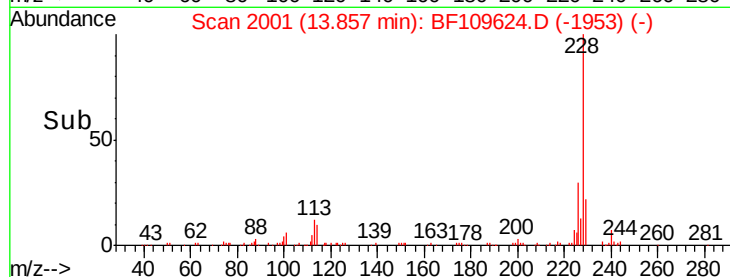
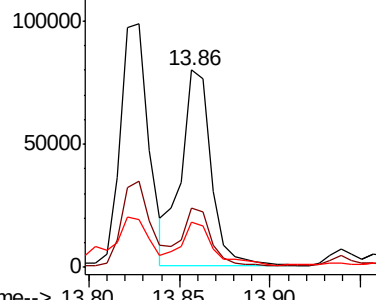


Abundance

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



#85
Indeno(1,2,3-cd)pyrene
Concen: 4.092 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

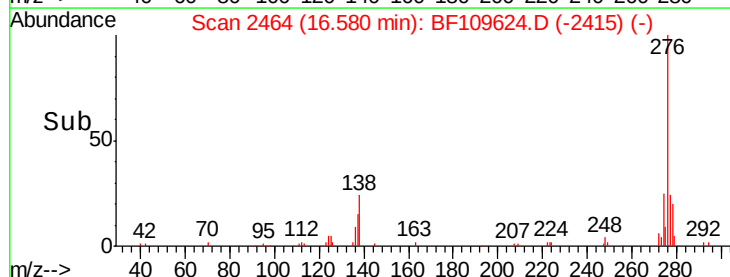
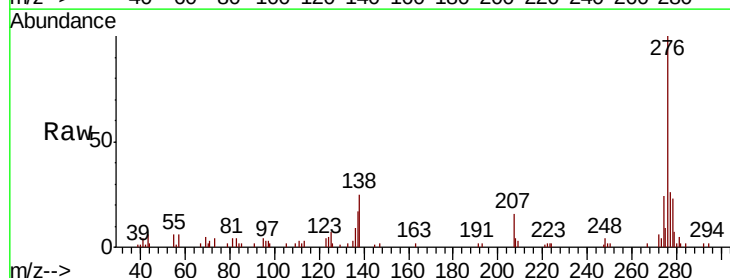
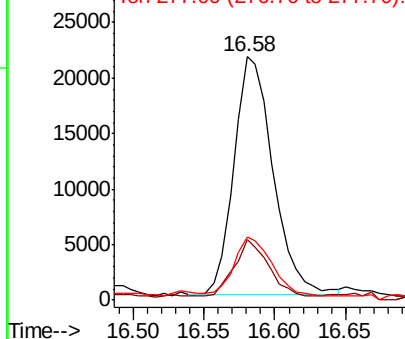
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	24.9	20.1	30.1

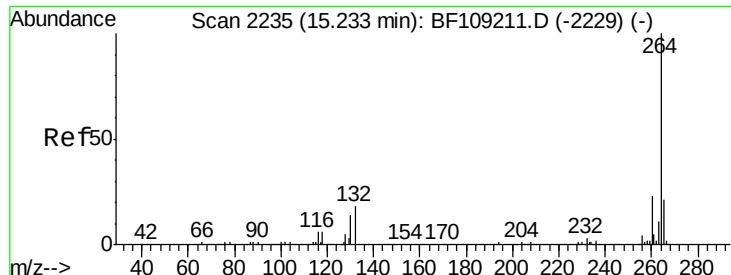
Abundance

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





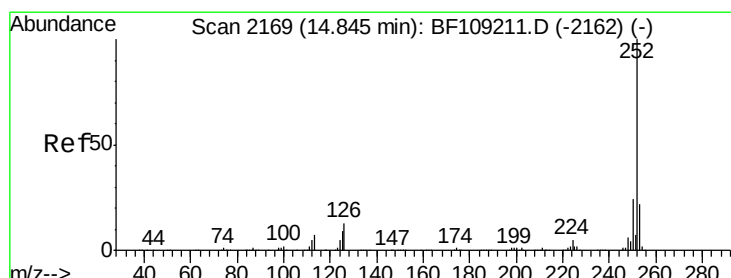
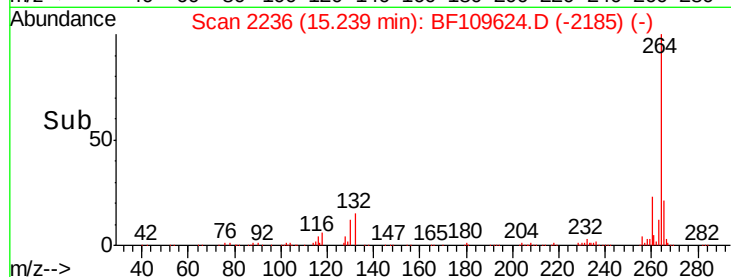
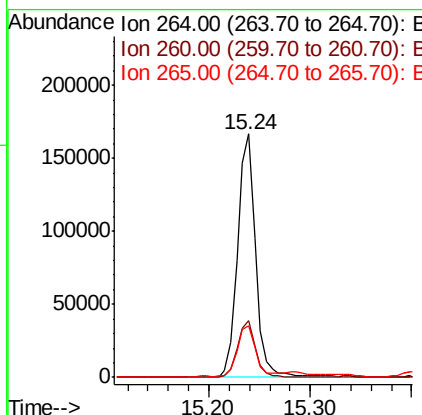
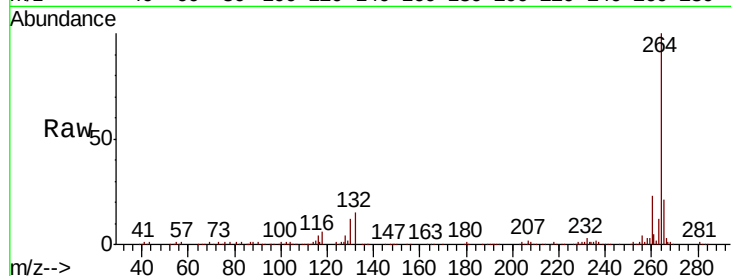
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

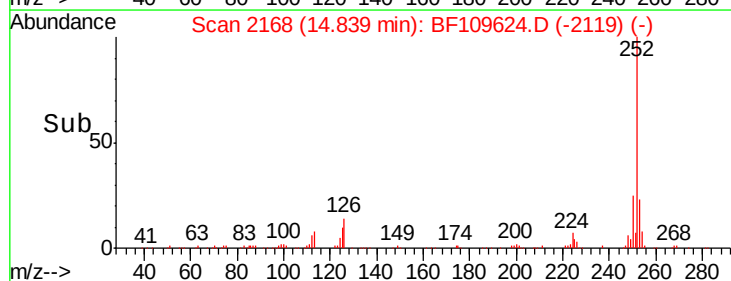
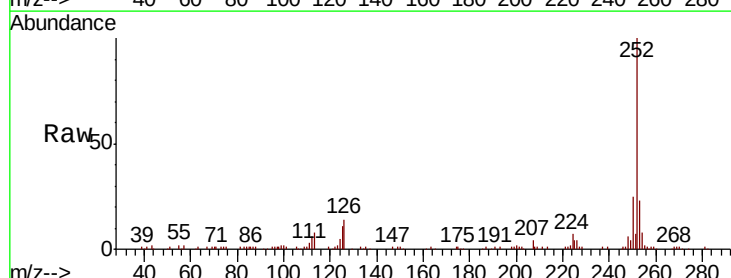
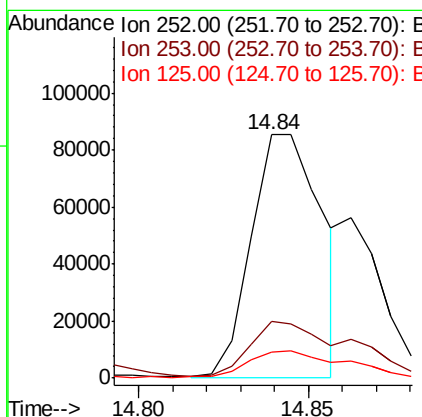
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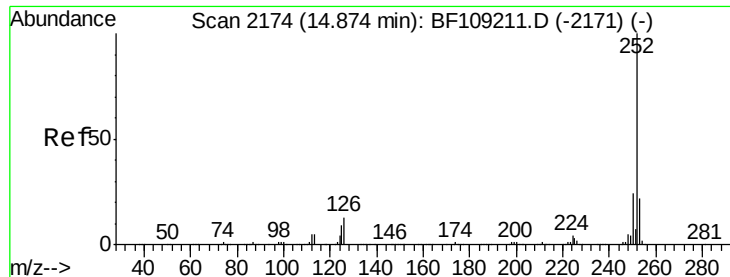
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#87
Benzo(b)fluoranthene
Concen: 11.025 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.7	9.0	13.6





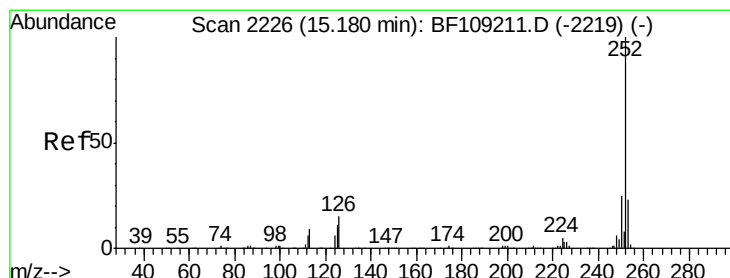
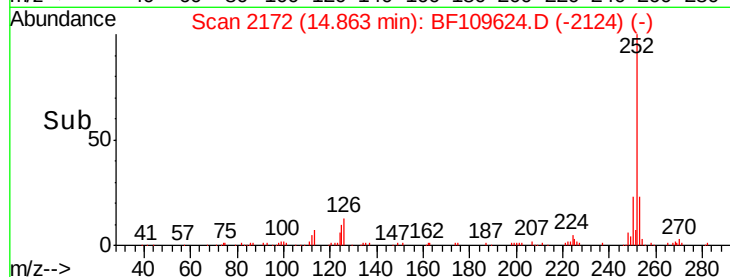
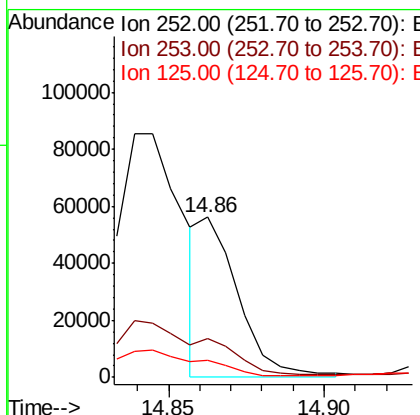
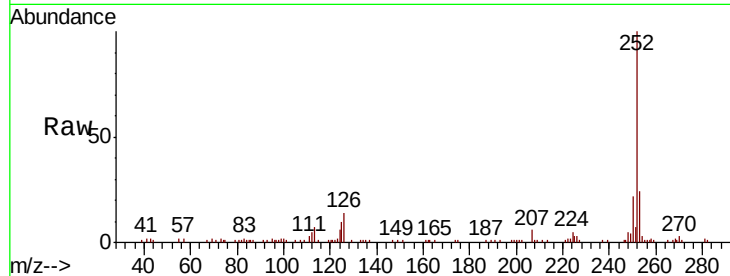
#88
Benzo(k)fluoranthene
Concen: 4.558 ng m
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Instrument :
BNA_F
ClientSampleId :
GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	10.3	10.2	15.2

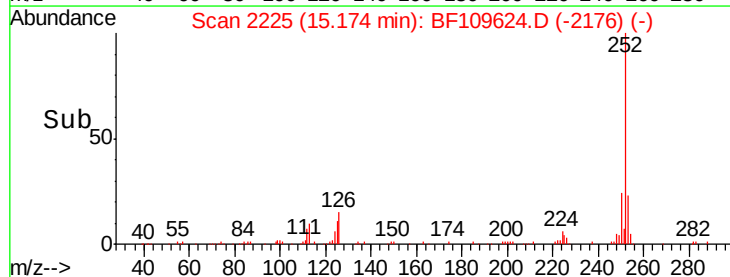
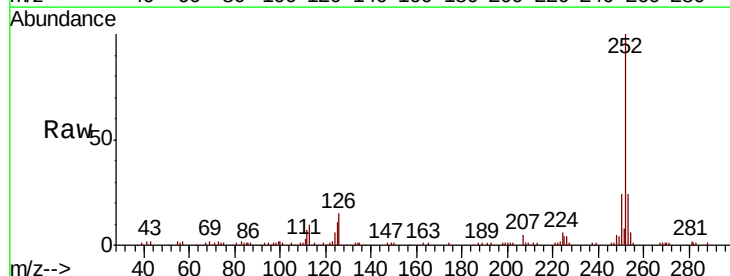
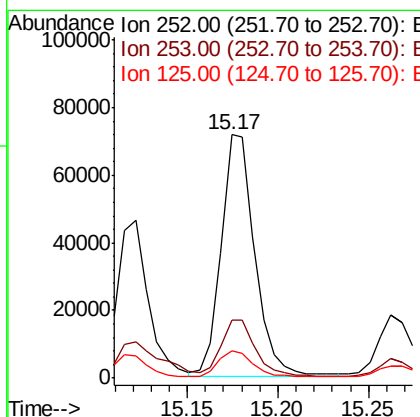
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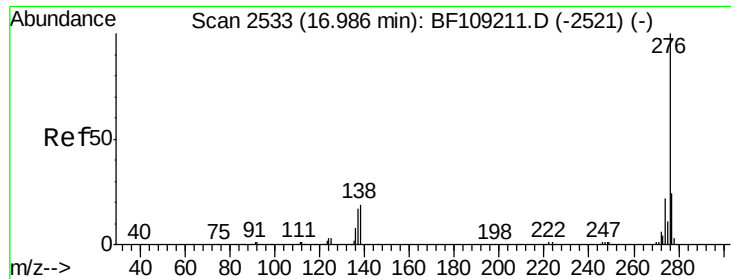
Sohil
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#89
Benzo(a)pyrene
Concen: 9.150 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109624.D
Acq: 5 Oct 2018 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	11.2	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.504 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF109624.D
 Acq: 5 Oct 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 GRID14-COMP-100318

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.7	21.8	32.8

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