

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109384.D
 Acq On : 27 Sep 2018 14:01
 Operator : JU/SJ
 Sample : J5066-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-G1

Manual Integrations
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 9/28/2018 2:39:28 PM

Quant Time: Sep 27 15:02:58 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	113649	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	440613	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	213881	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	382349	20.00	ng	0.00
75) Chrysene-d12	13.84	240	259982	20.00	ng	0.00
86) Perylene-d12	15.24	264	293378	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	541773	78.52	ng	0.00
7) Phenol-d6	6.35	99	706701	80.26	ng	-0.01
23) Nitrobenzene-d5	7.27	82	443353	59.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	155534	73.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	779701	54.98	ng	-0.01
78) Terphenyl-d14	12.79	244	633994	59.85	ng	-0.01

Target Compounds				Qvalue		
10) Phenol	6.36	94	26929	2.701	ng	98
31) Naphthalene	8.01	128	42485	2.063	ng	99
49) Dimethylphthalate	9.46	163	242555	15.592	ng	99
51) Acenaphthene	9.77	154	26246	2.067	ng	97
57) Fluorene	10.28	166	37985	2.819	ng	100
70) Phenanthrene	11.24	178	385142	20.174	ng	98
71) Anthracene	11.29	178	95620	4.938	ng	98
72) Carbazole	11.44	167	40407	2.097	ng	97
74) Fluoranthene	12.42	202	453122	22.210	ng	96
77) Pyrene	12.64	202	359907	19.316	ng	99
80) Benzo(a)anthracene	13.83	228	167730	10.711	ng	99
82) Chrysene	13.86	228	143181	9.225	ng	96
85) Indeno(1,2,3-cd)pyrene	16.59	276	78338m	6.227	ng	
87) Benzo(b)fluoranthene	14.84	252	197888m	12.275	ng	
88) Benzo(k)fluoranthene	14.87	252	58224m	3.806	ng	
89) Benzo(a)pyrene	15.18	252	137673	9.477	ng	97
91) Benzo(a,h,i)perylene	16.99	276	70189	5.993	ng	93

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

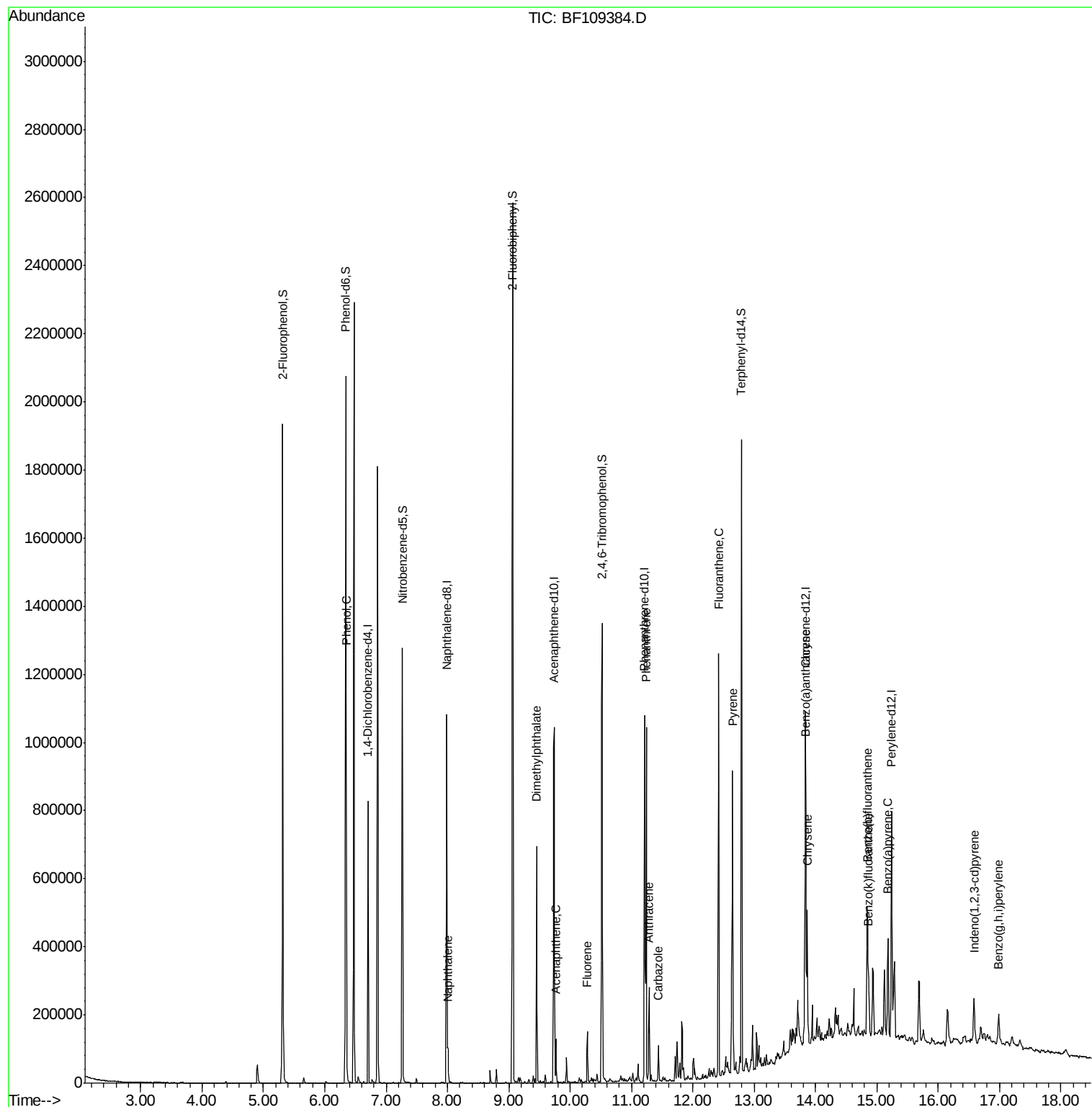
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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#1

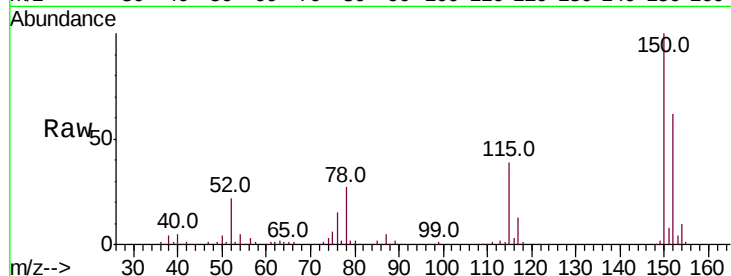
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Instrument :
BNA_F
ClientSampled :
EP1-Q1-G1

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	63.3	50.1	75.1

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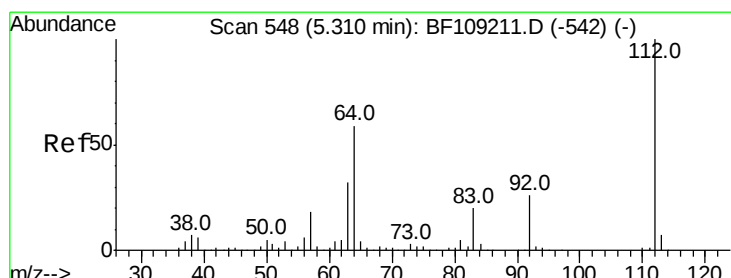
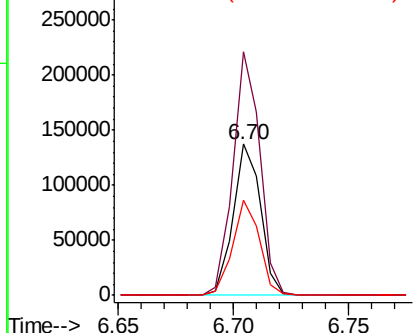
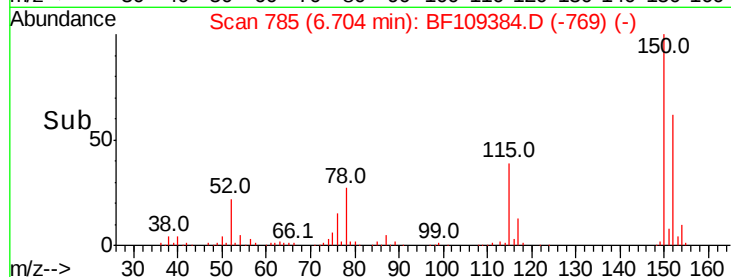


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

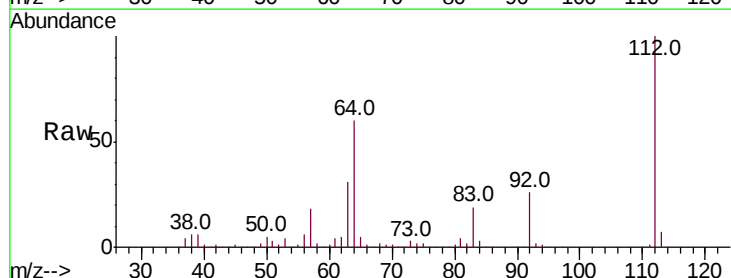
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.517 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	31.2	23.7	35.5

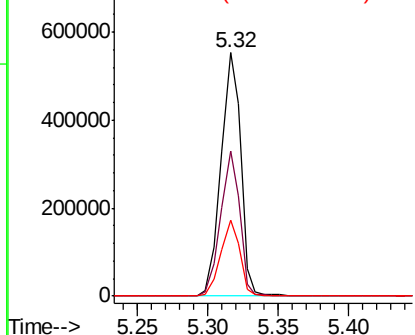
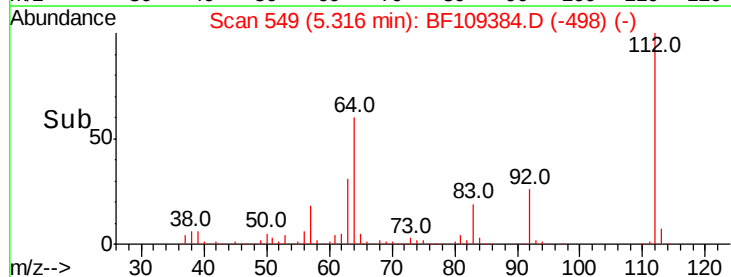


Abundance

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: 80.264 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109384.D

Acq: 27 Sep 2018 14:01

Instrument :

BNA_F

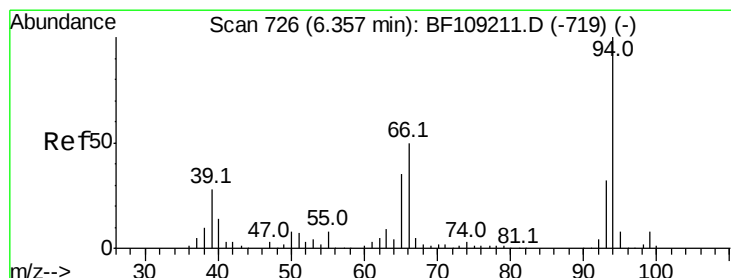
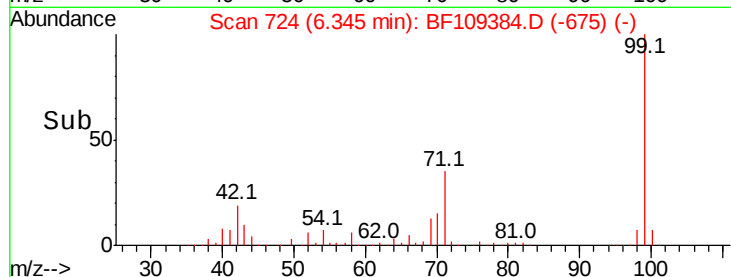
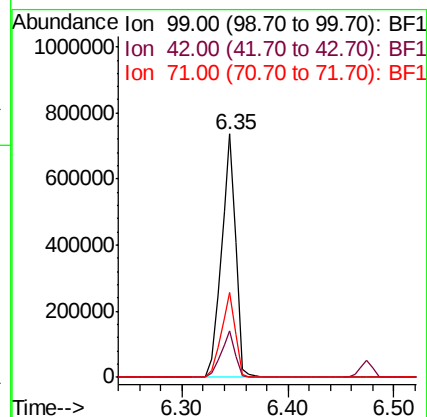
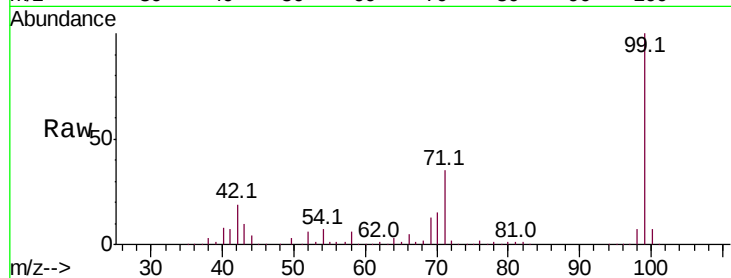
ClientSampled :

EP1-Q1-G1

Tot Ion	Ratio	Resp	Lower	Upper
99	100	706701		
42	19.3	14.5	21.7	
71	35.1	25.4	38.0	

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#10

Phenol

Concen: 2.701 ng

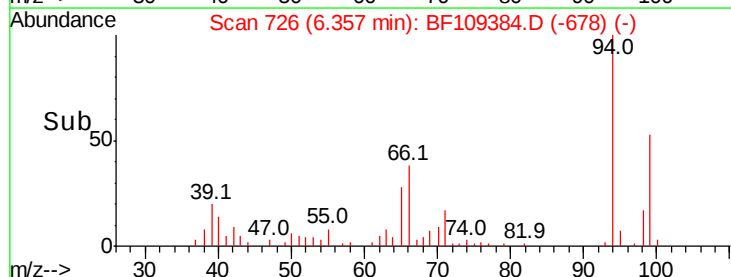
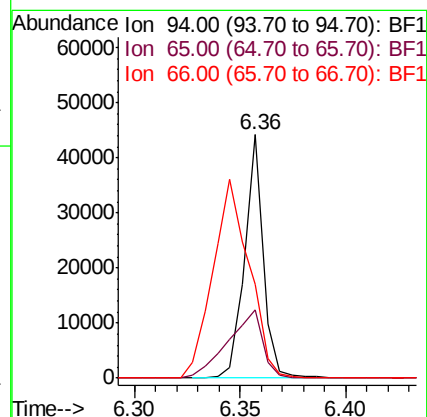
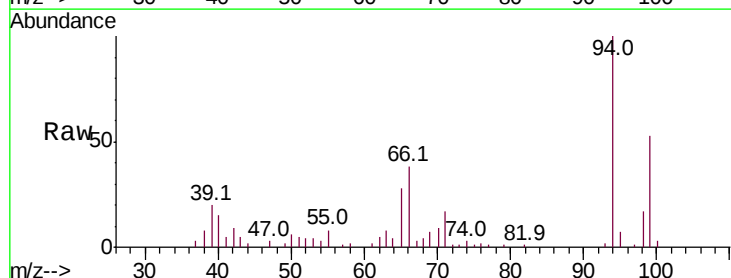
RT: 6.36 min Scan# 726

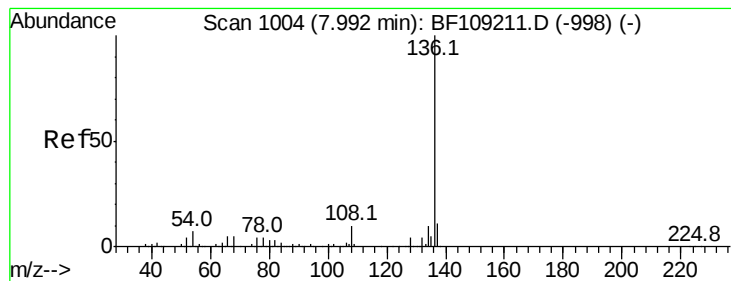
Delta R.T. -0.02 min

Lab File: BF109384.D

Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	26929		
65	28.1	7.9	47.9	
66	38.4	16.2	56.2	





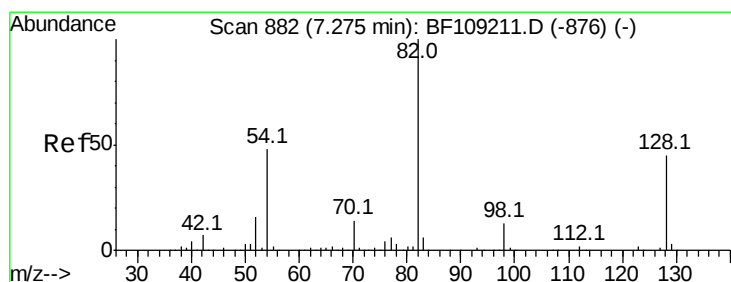
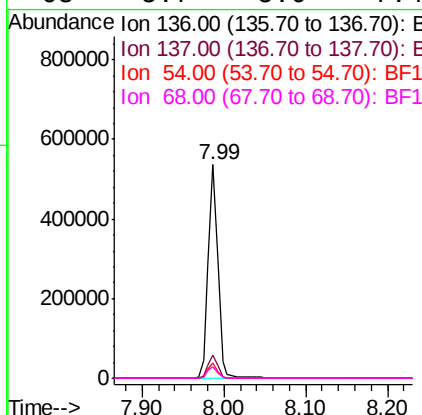
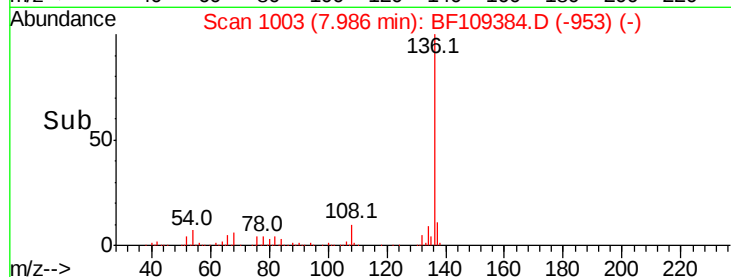
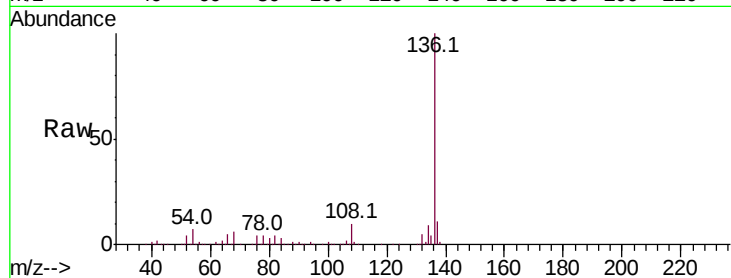
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.1	6.6	9.8	
68	5.7	5.0	7.4	

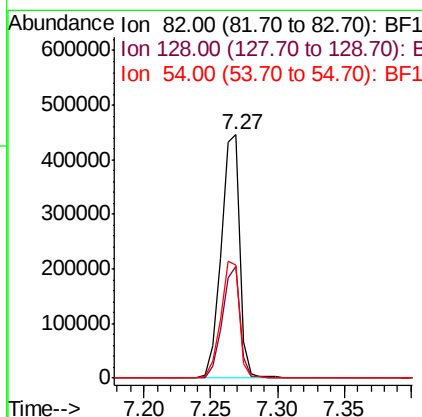
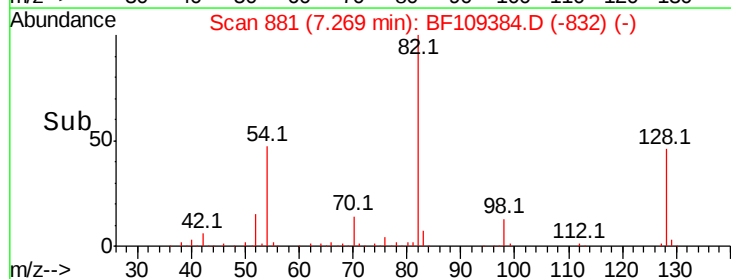
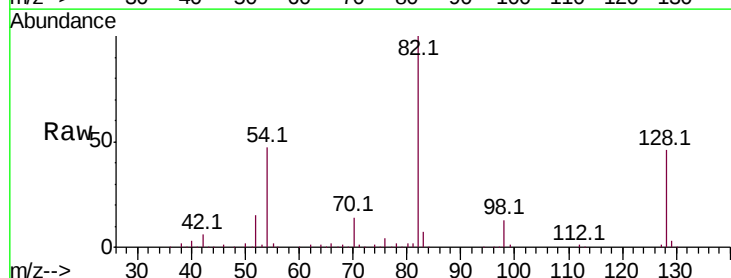
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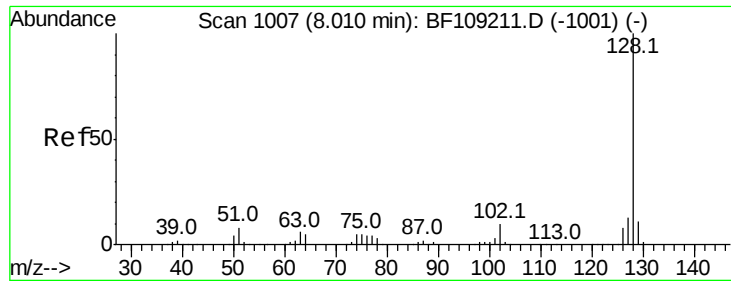
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#23
Nitrobenzene-d5
Concen: 59.399 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	36.1	54.1	
54	46.6	41.4	62.2	





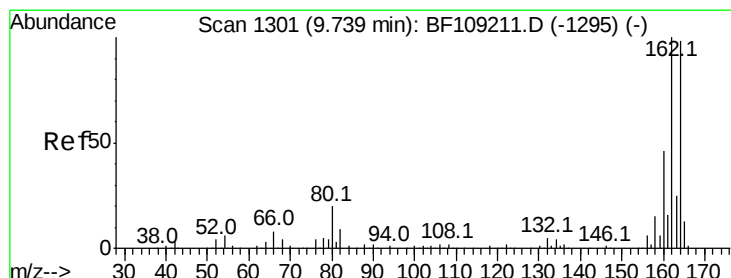
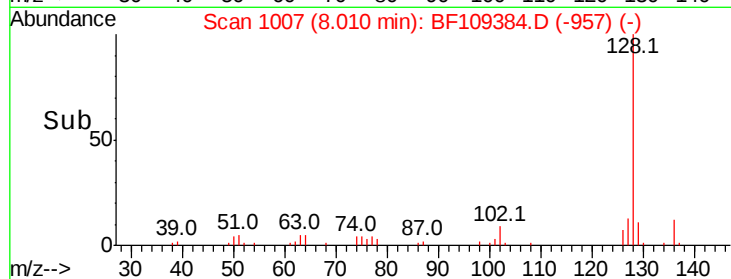
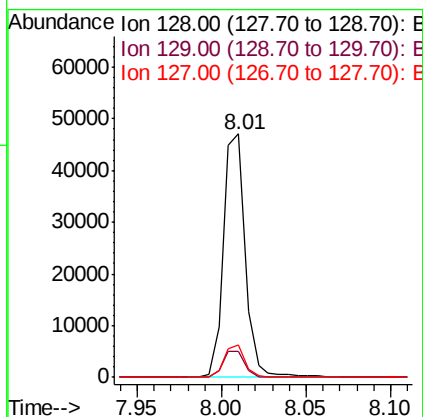
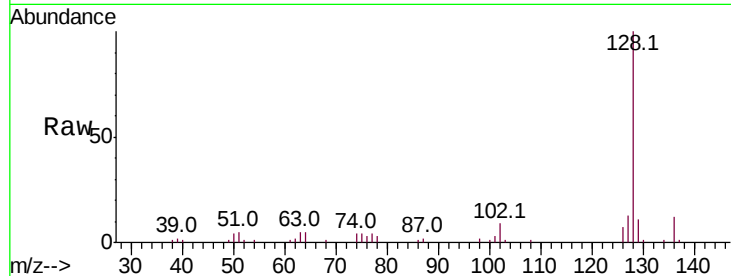
#31
Naphthalene
Concen: 2.063 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G1

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.4	10.9	16.3

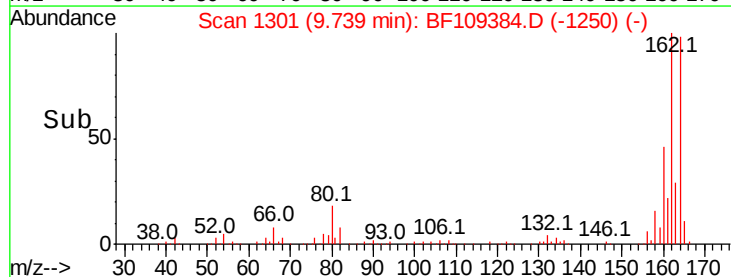
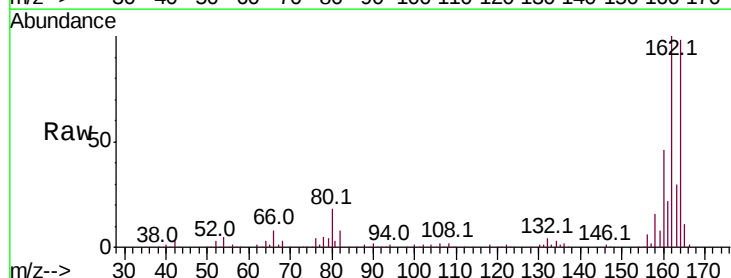
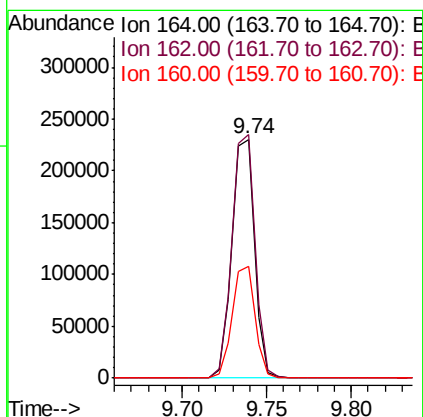
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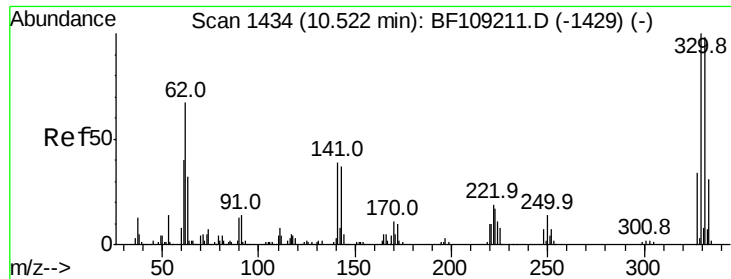
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.9	38.3	57.5





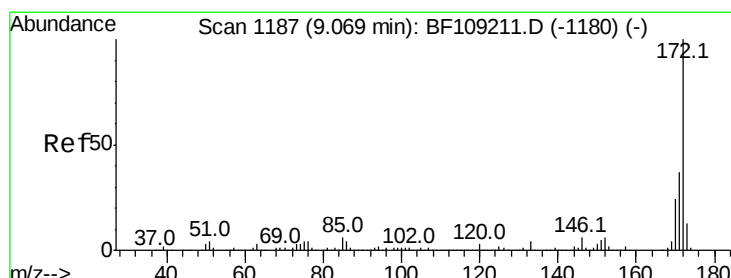
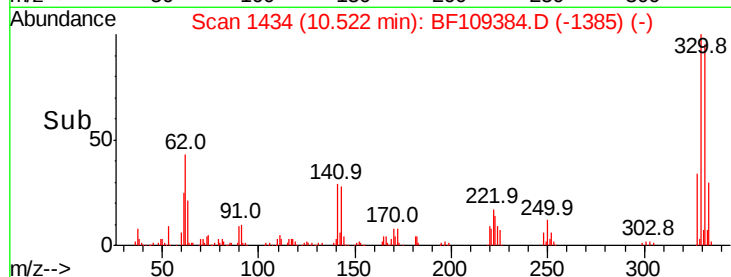
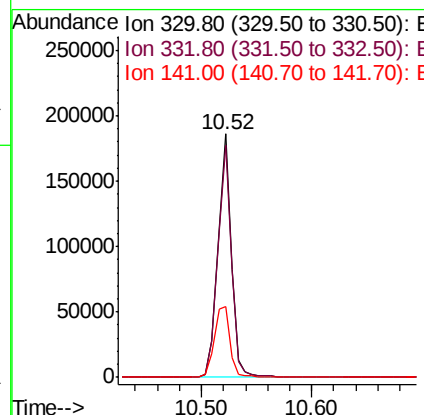
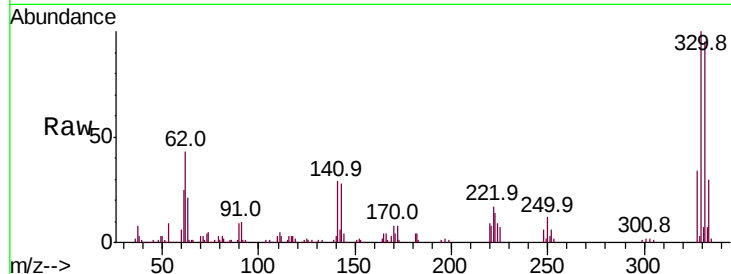
#41
 2,4,6-Tribromophenol
 Concen: 73.768 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q1-G1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	155534		
332	97.1	77.0	115.6	
141	33.3	29.9	44.9	

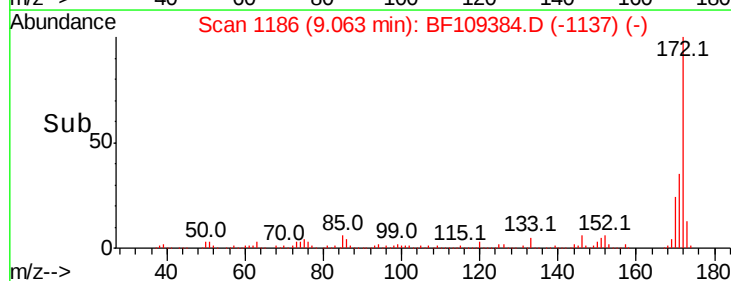
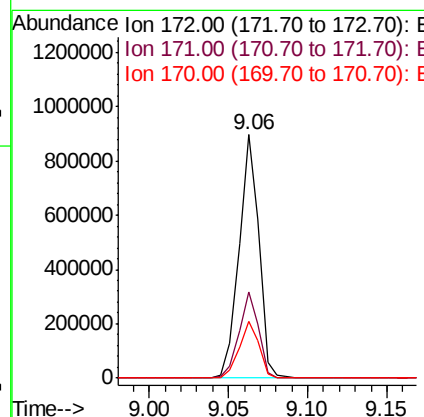
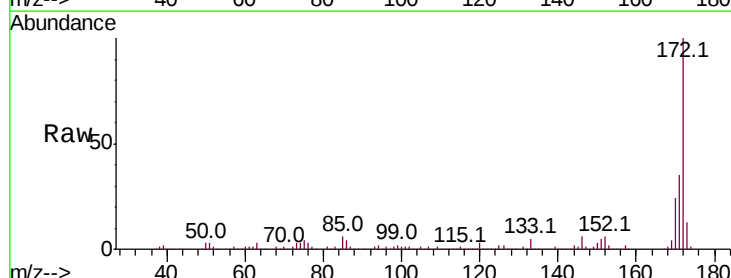
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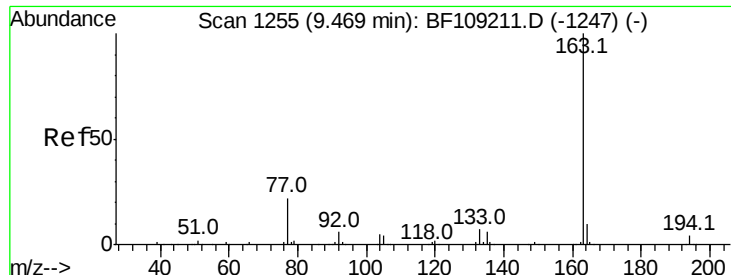
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#44
 2-Fluorobiphenyl
 Concen: 54.981 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	779701		
171	35.2	29.7	44.5	
170	23.5	19.6	29.4	





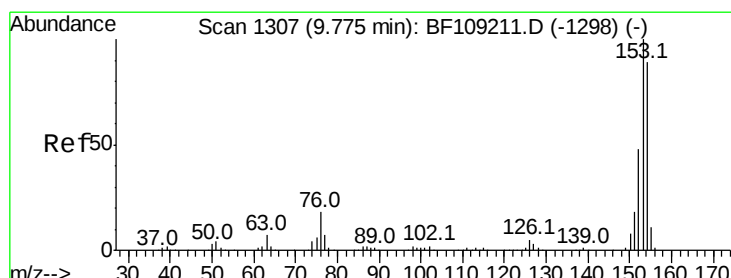
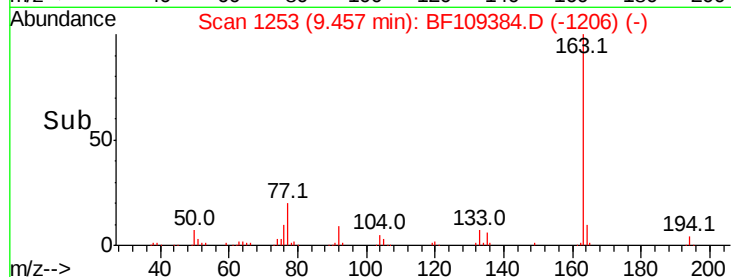
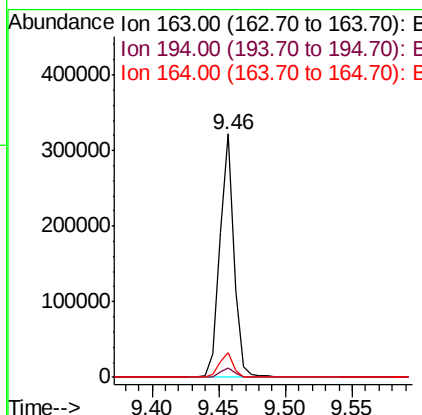
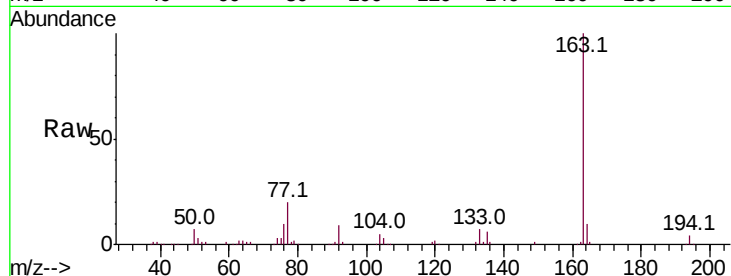
#49
Dimethylphthalate
Concen: 15.592 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G1

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.0	8.2	12.2	

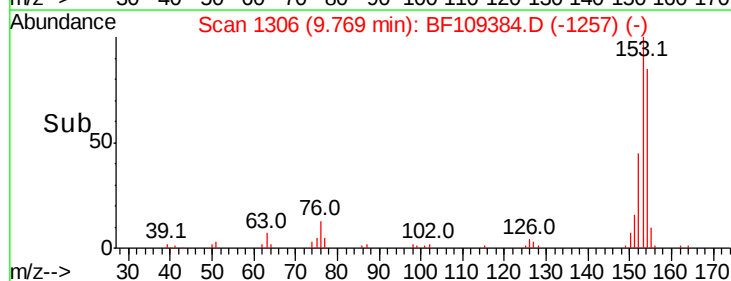
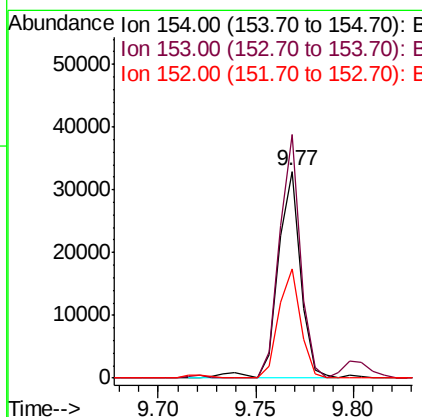
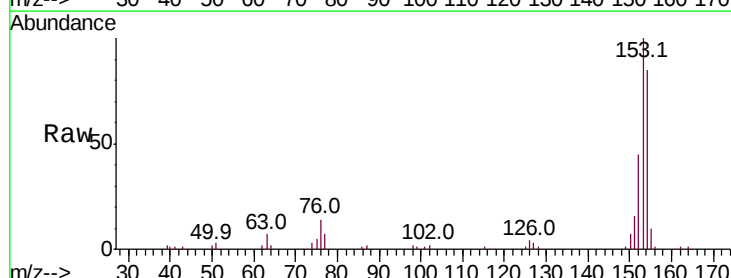
Manual Integrations
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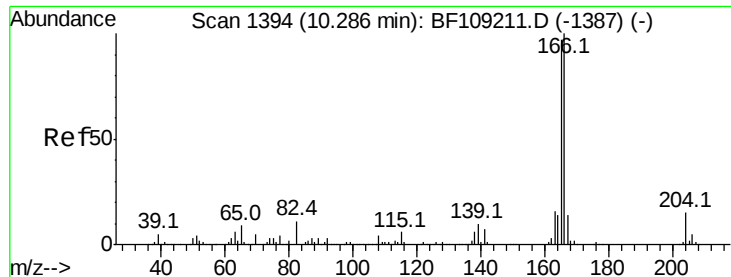
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#51
Acenaphthene
Concen: 2.067 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	117.7	91.2	136.8	
152	53.0	43.8	65.8	





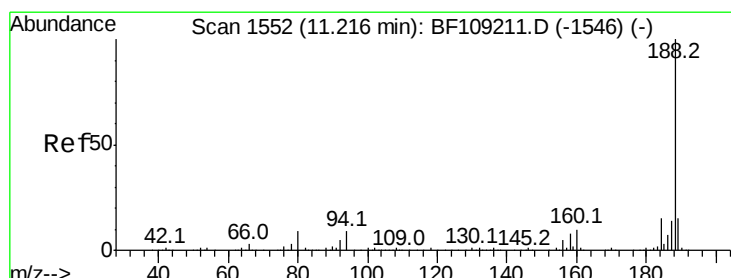
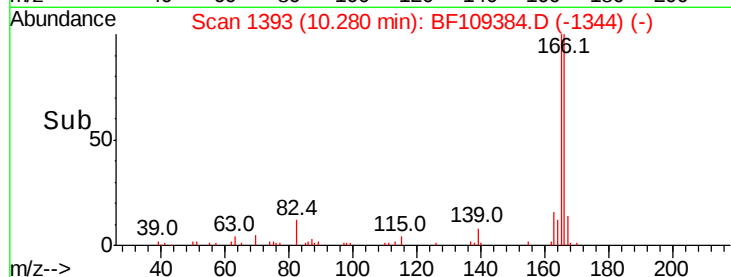
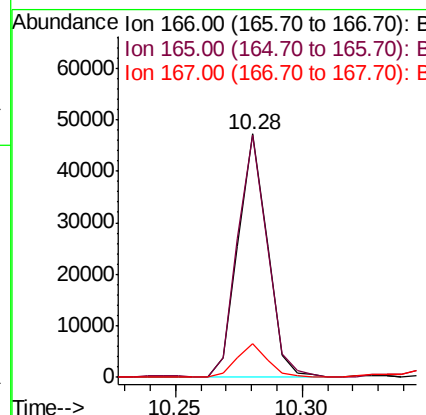
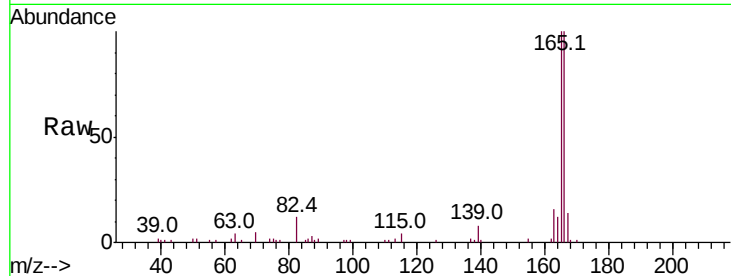
#57
Fluorene
 Concen: 2.819 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-G1

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.6	10.6	16.0

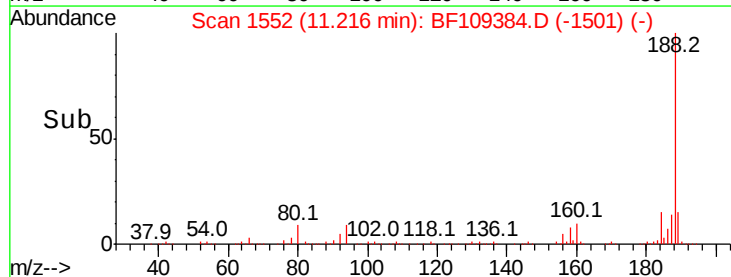
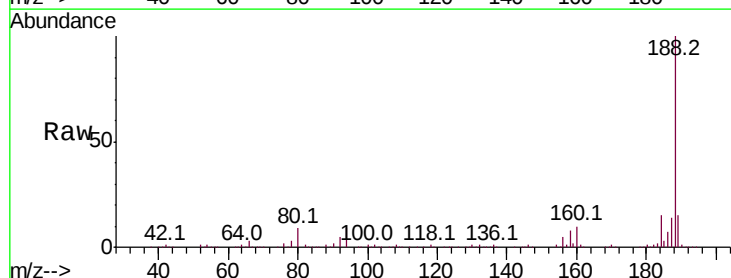
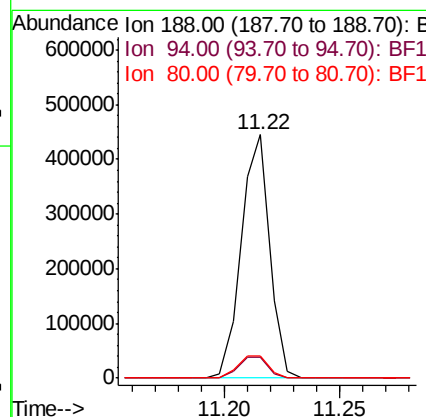
Manual Integrations
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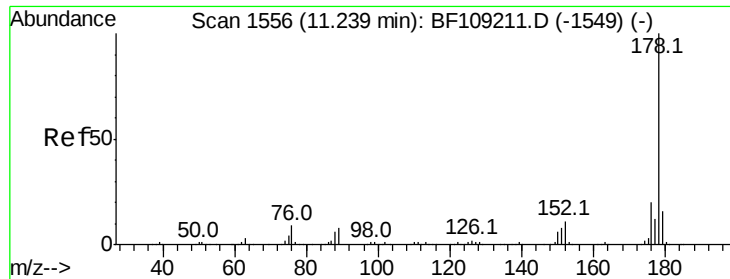
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	8.9	9.2	13.8#





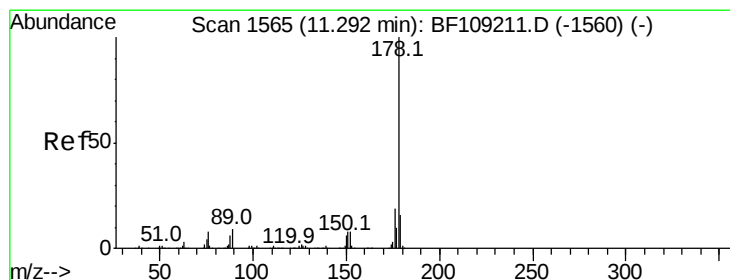
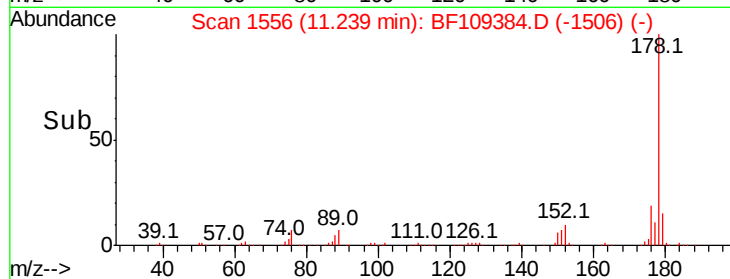
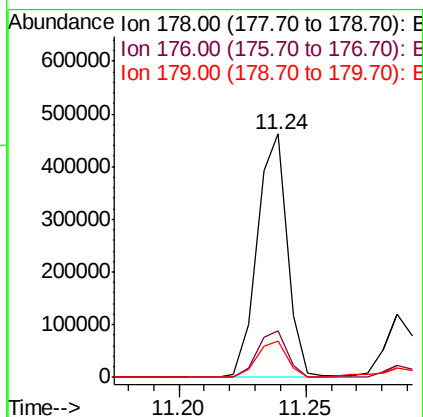
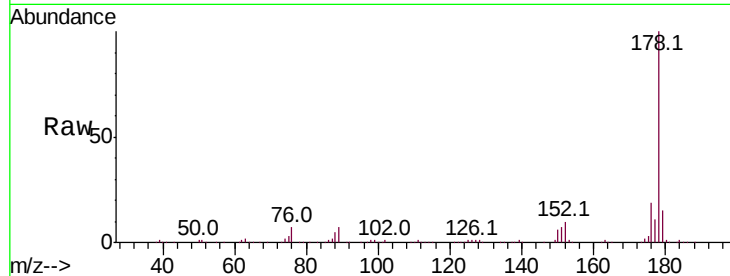
#70
Phenanthrene
Concen: 20.174 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.9	13.0	19.6

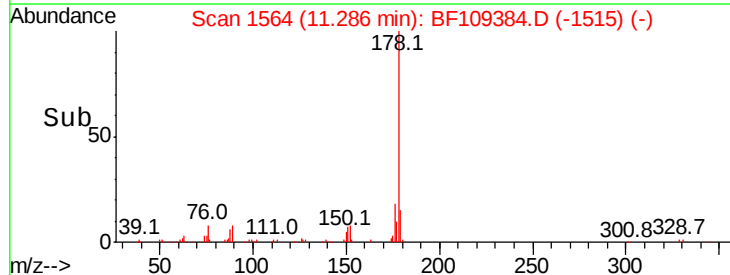
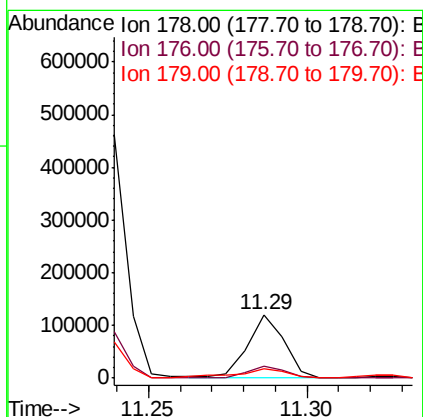
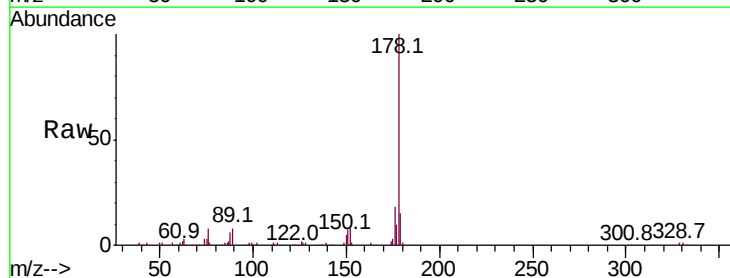
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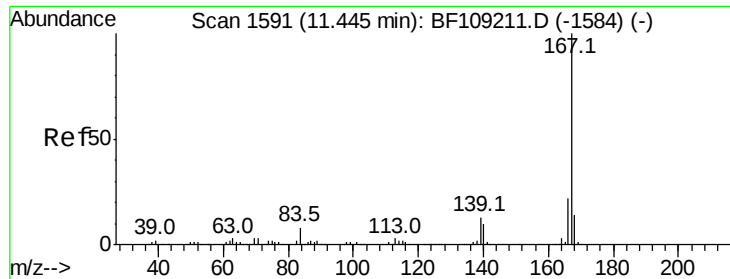
Sohil
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#71
Anthracene
Concen: 4.938 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.2	12.6	19.0





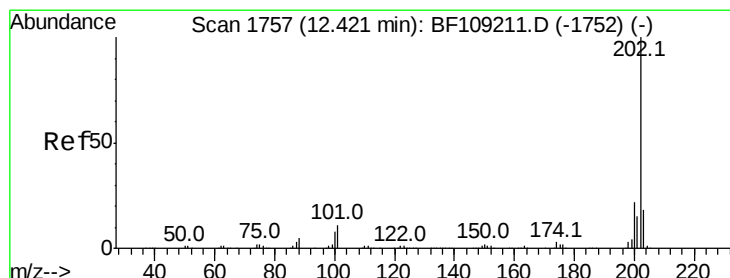
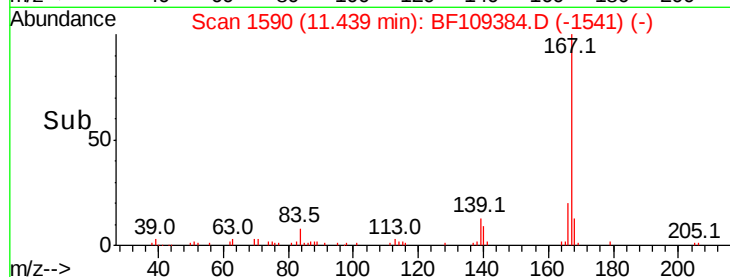
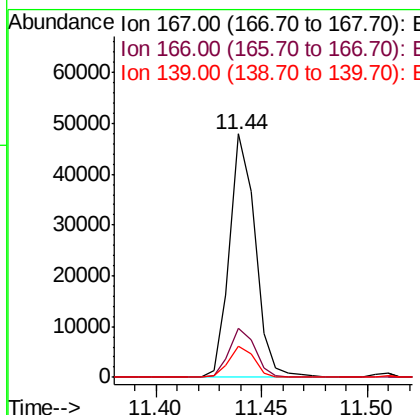
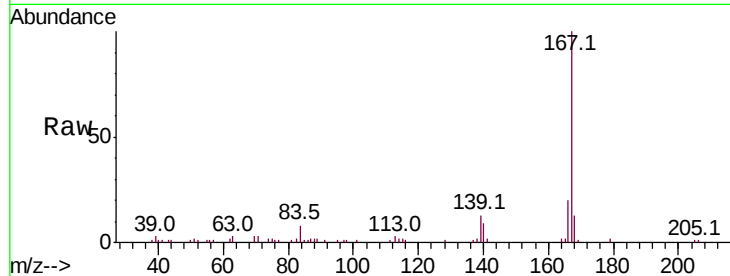
#72
 Carbazole
 Concen: 2.097 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-G1

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.6	26.4
139	13.0	10.9	16.3

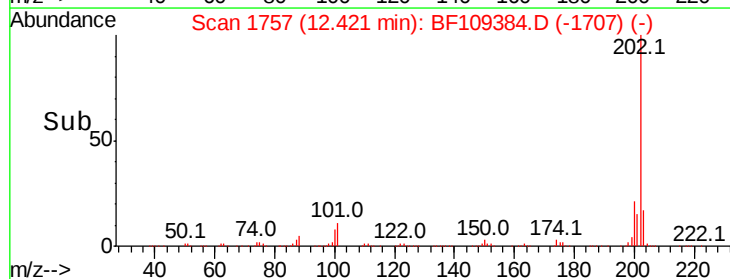
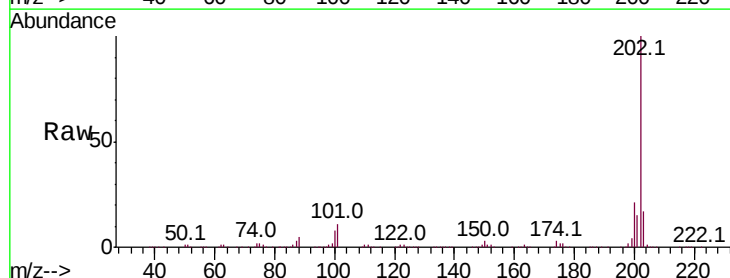
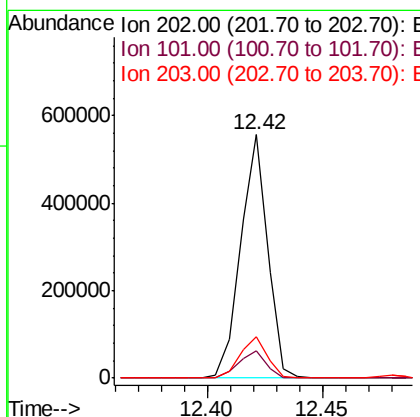
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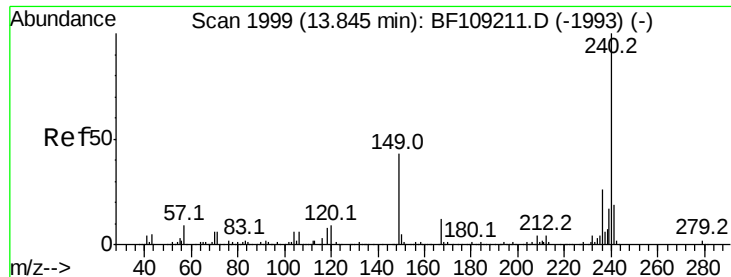
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#74
 Fluoranthene
 Concen: 22.210 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109384.D

Acq: 27 Sep 2018 14:01

Instrument :

BNA_F

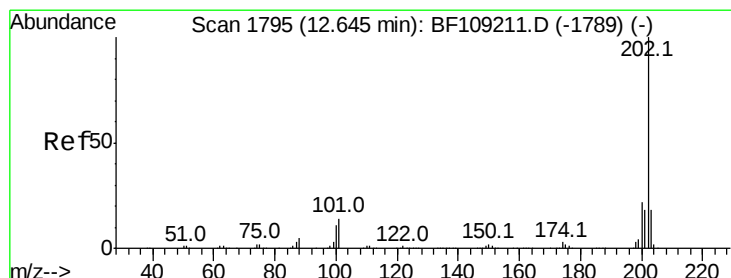
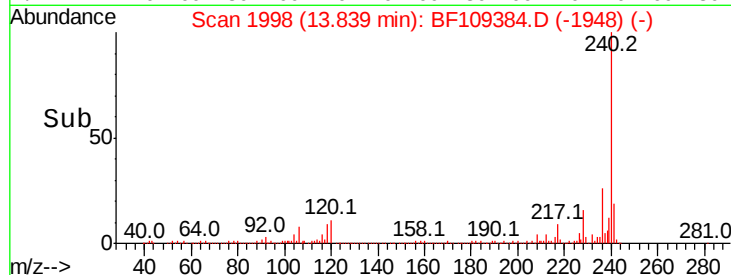
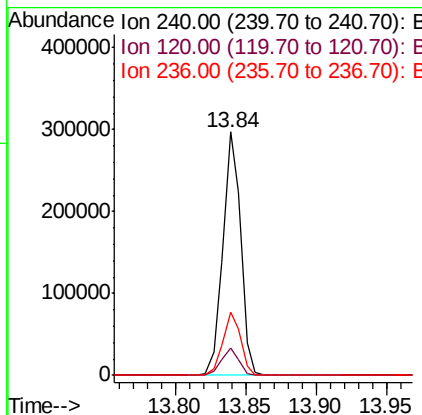
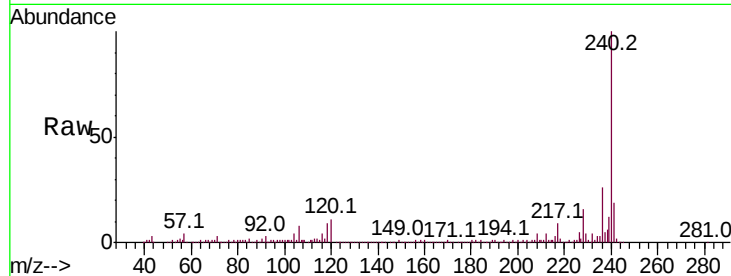
ClientSampleId :

EP1-Q1-G1

Tot Ion:	240	Resp:	259982
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.7	20.7	31.1

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#77

Pyrene

Concen: 19.316 ng

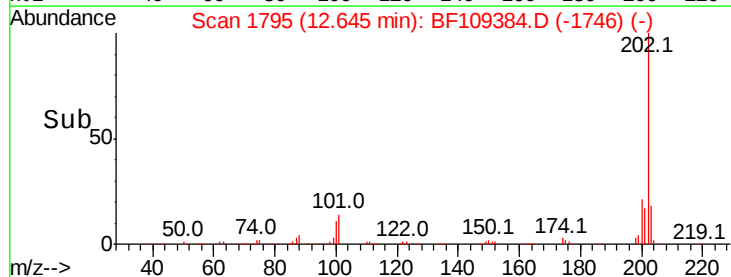
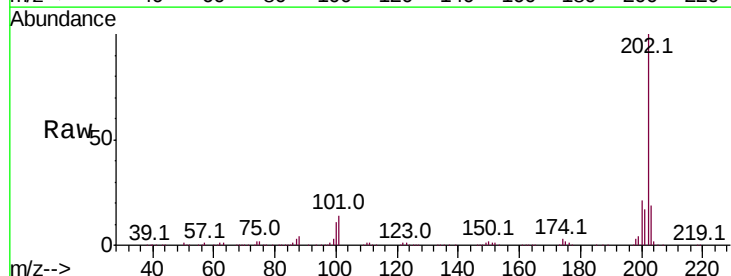
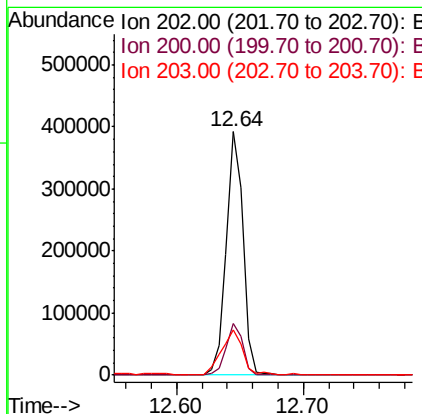
RT: 12.64 min Scan# 1795

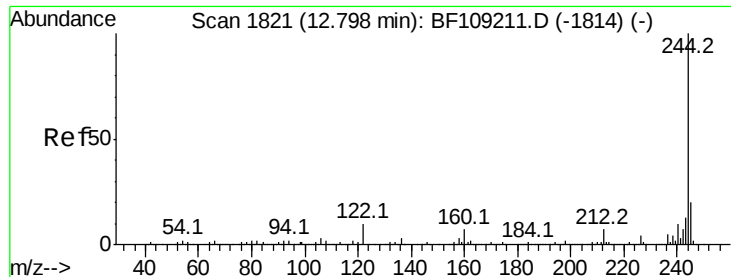
Delta R.T. -0.01 min

Lab File: BF109384.D

Acq: 27 Sep 2018 14:01

Tgt Ion:	202	Resp:	359907
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	18.6	14.3	21.5





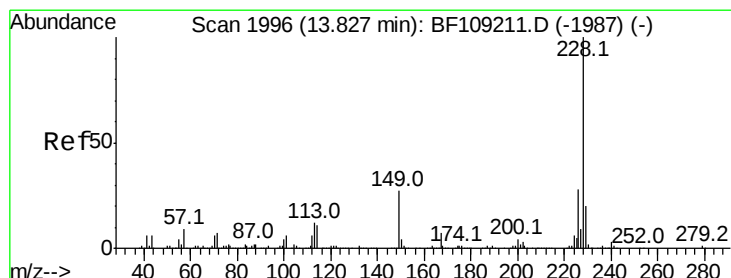
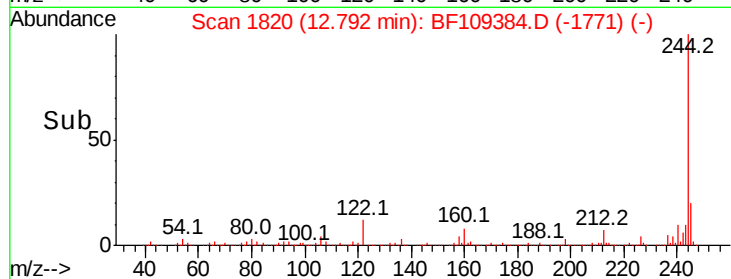
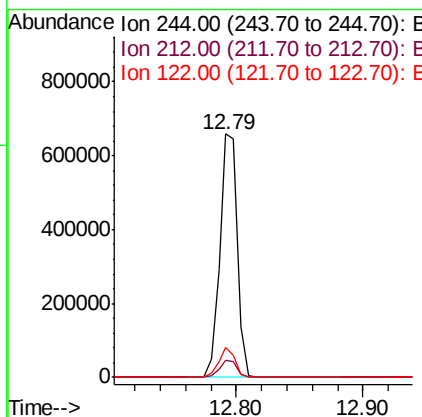
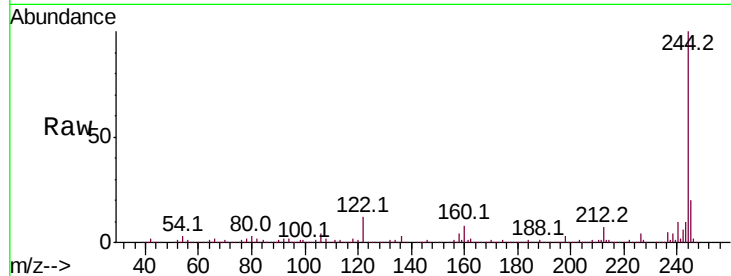
#78
 Terphenyl-d14
 Concen: 59.847 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-G1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4

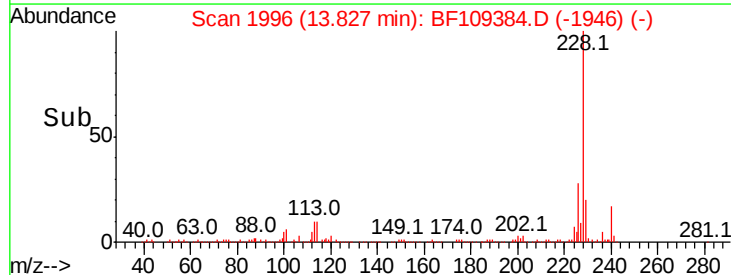
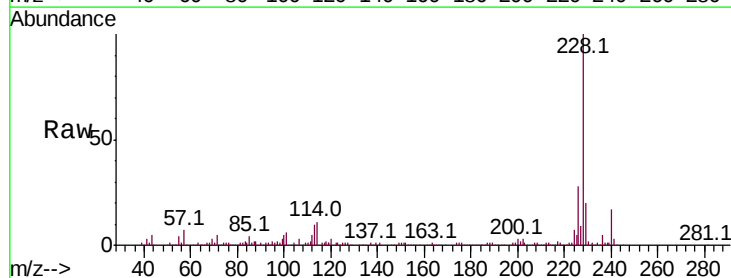
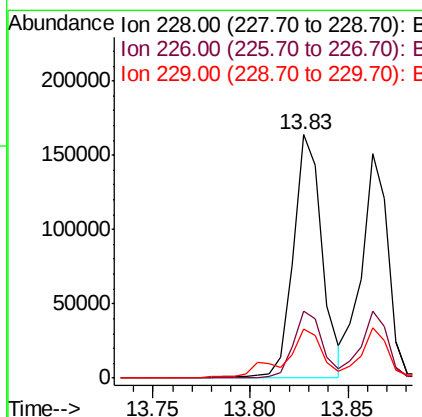
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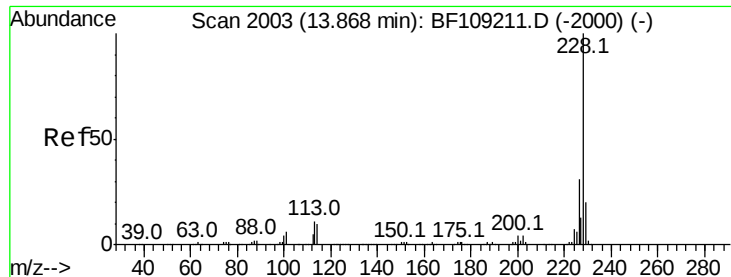
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#80
 Benzo(a)anthracene
 Concen: 10.711 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.2	15.8	23.6





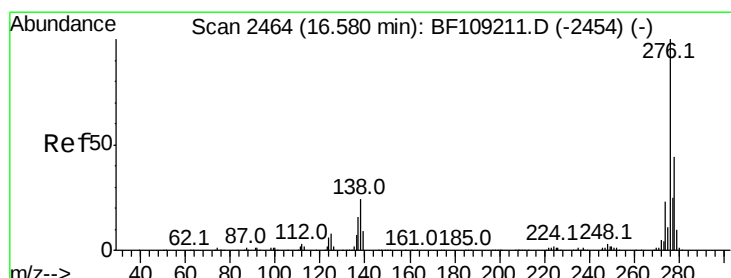
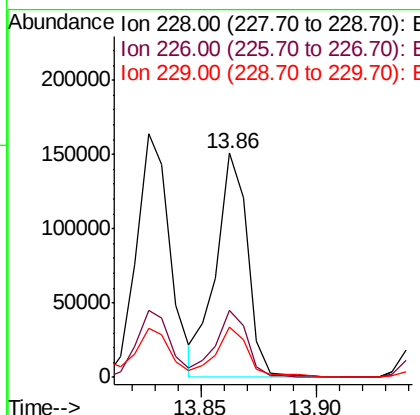
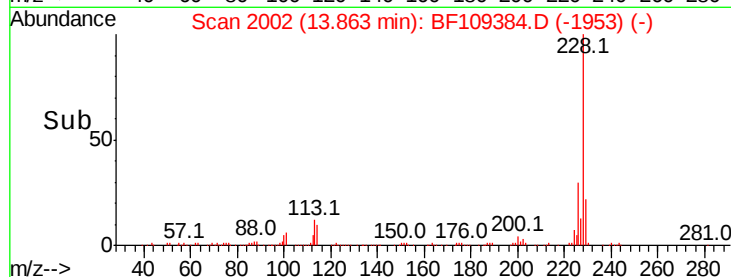
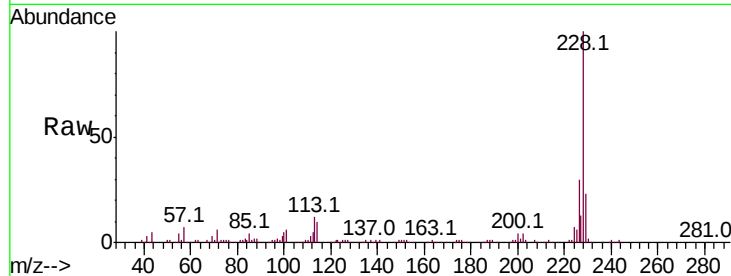
#82
Chrysene
Concen: 9.225 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Instrument :
BNA_F
ClientSampled :
EP1-Q1-G1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.6	16.2	24.4

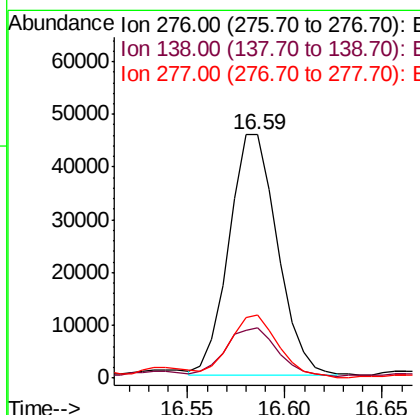
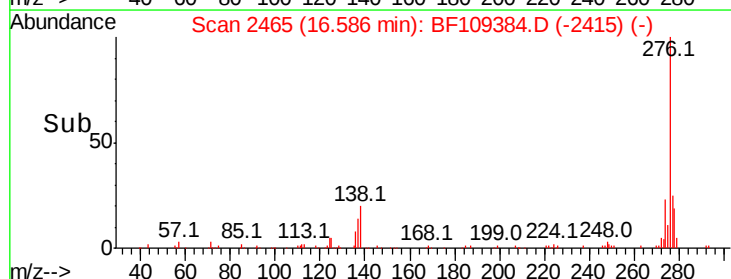
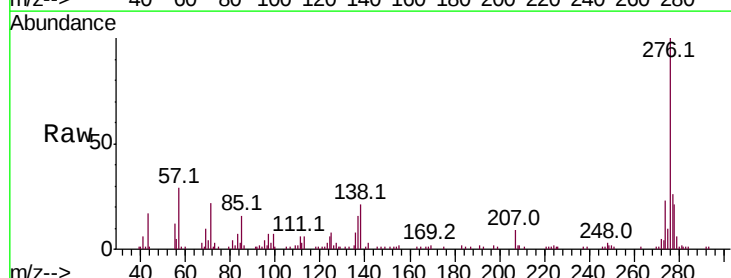
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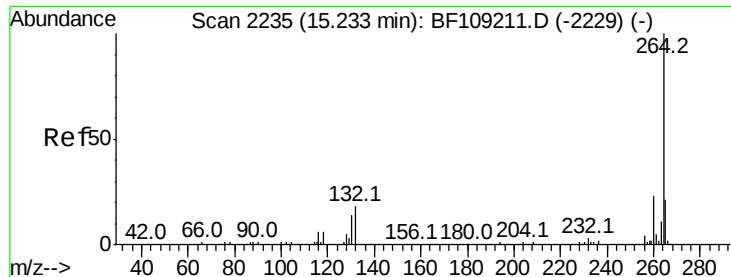
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.227 ng m
RT: 16.59 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	25.0	37.6#
277	5.8	20.1	30.1#





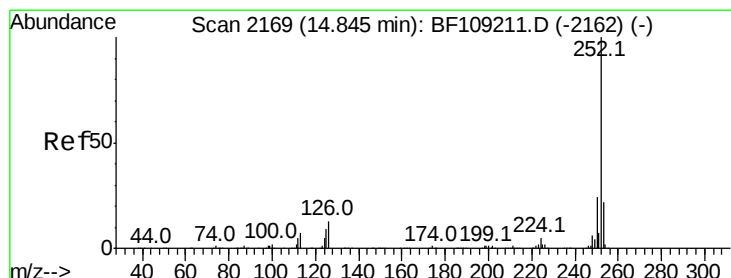
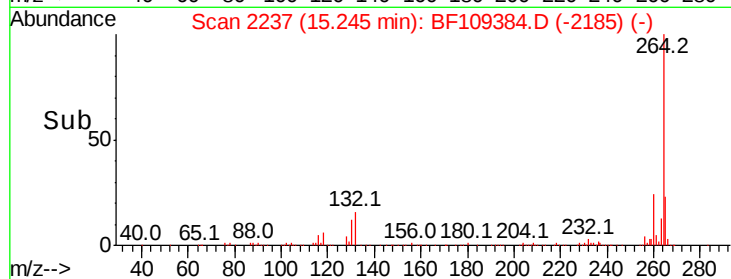
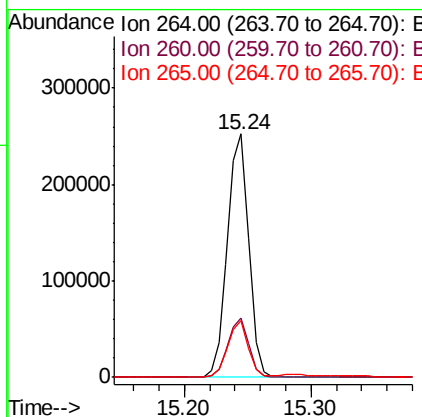
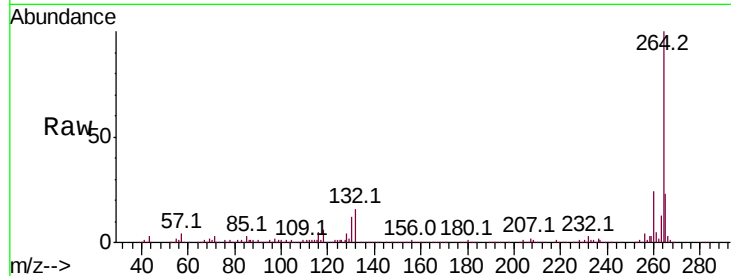
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.3	17.5	26.3

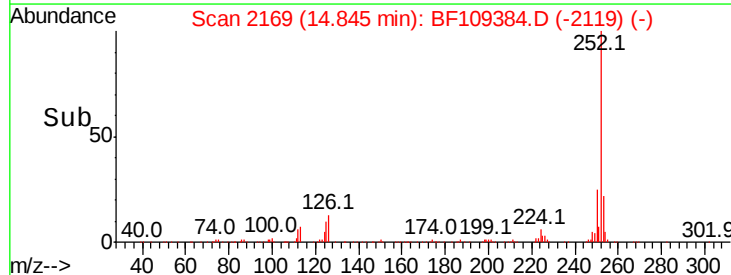
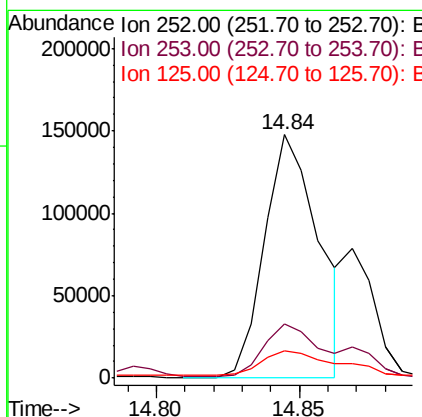
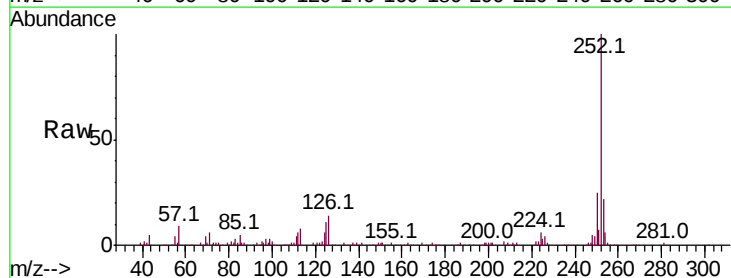
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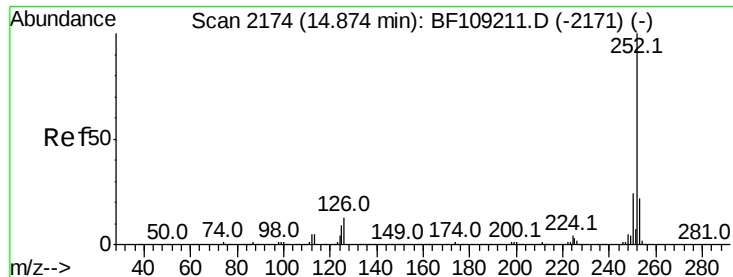
Sohil
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#87
Benzo(b)fluoranthene
Concen: 12.275 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.4	9.0	13.6





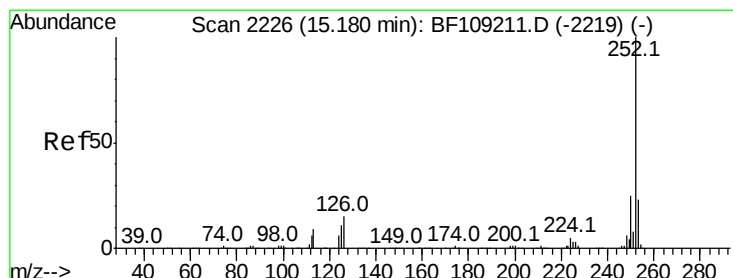
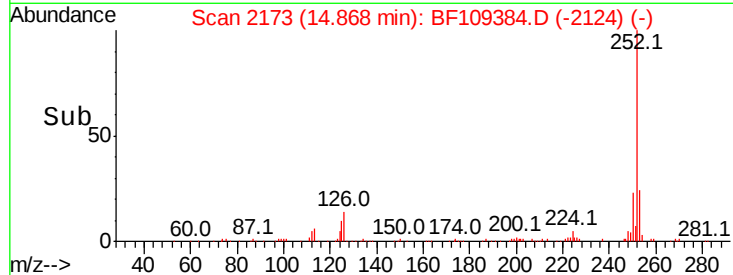
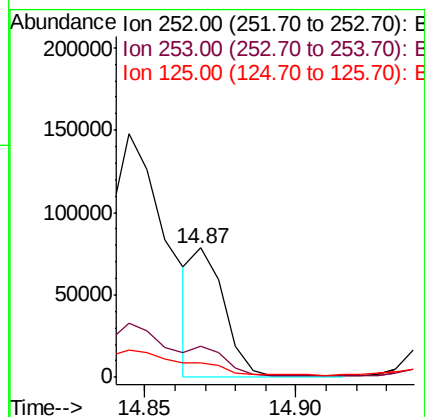
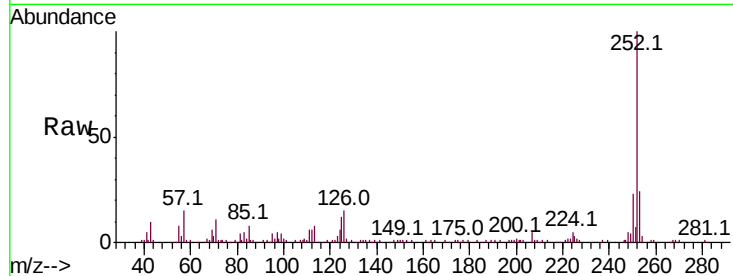
#88
Benzo(k)fluoranthene
Concen: 3.806 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G1

Tot Ion:	252	Resp:	58224
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.9	26.9
125	11.7	10.2	15.2

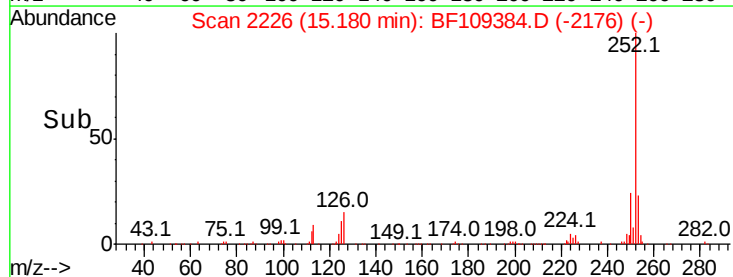
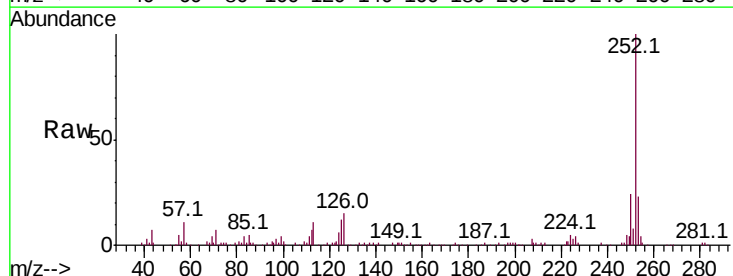
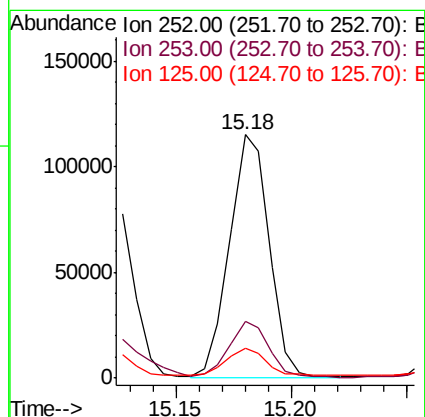
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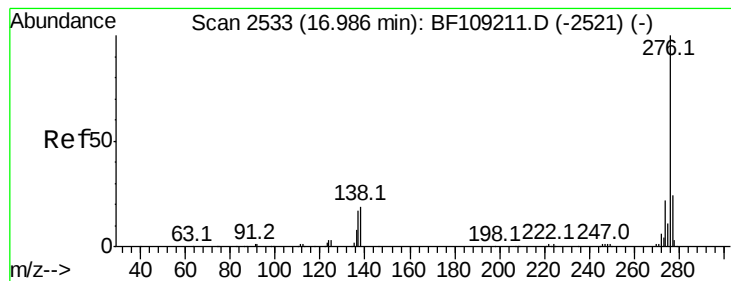
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#89
Benzo(a)pyrene
Concen: 9.477 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109384.D
Acq: 27 Sep 2018 14:01

Tgt Ion:	252	Resp:	137673
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	12.4	9.8	14.6





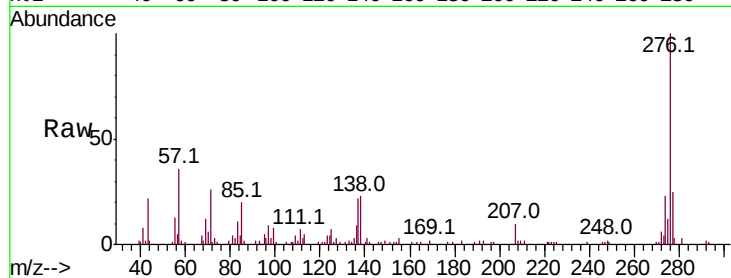
#91
 Benzo(a,h,i)perylene
 Concen: 5.993 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF109384.D
 Acq: 27 Sep 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-G1

Tot Ion:	276	Resp:	70189
Ion Ratio	Lower	Upper	
276	100		
277	24.7	17.9	26.9
138	22.5	21.8	32.8

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

