

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
 Data File : BF113053.D
 Acq On : 14 Mar 2019 16:50
 Operator : JU/SJ
 Sample : K1866-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-03-COMP

Manual Integrations
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Sohil
 3/15/2019 10:03:27 AM

Quant Time: Mar 15 07:21:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	214021	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	815217	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	382444	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	803832	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	730902	20.00	ng	0.00
87) Perylene-d12	15.27	264	706788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1207853	87.79	ng	0.00
7) Phenol-d6	6.37	99	1566289	90.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	972802	71.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	490884	120.90	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1712354	71.04	ng	0.00
79) Terphenyl-d14	12.82	244	1948744	51.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	186497	6.613	ng	98
71) Phenanthrene	11.26	178	132152	3.304	ng	98
75) Fluoranthene	12.44	202	432595	10.096	ng	96
78) Pyrene	12.67	202	431402	7.001	ng	99
81) Benzo(a)anthracene	13.85	228	230465	4.550	ng	97
83) Chrysene	13.89	228	219780	4.429	ng	98
86) Indeno(1,2,3-cd)pyrene	16.62	276	149186	3.527	ng	# 89
88) Benzo(b)fluoranthene	14.87	252	293753m	6.425	ng	
89) Benzo(k)fluoranthene	14.89	252	86588m	2.091	ng	
90) Benzo(a)pyrene	15.21	252	207687	5.136	ng	97
92) Benzo(g,h,i)perylene	17.03	276	147925	4.269	ng	96

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

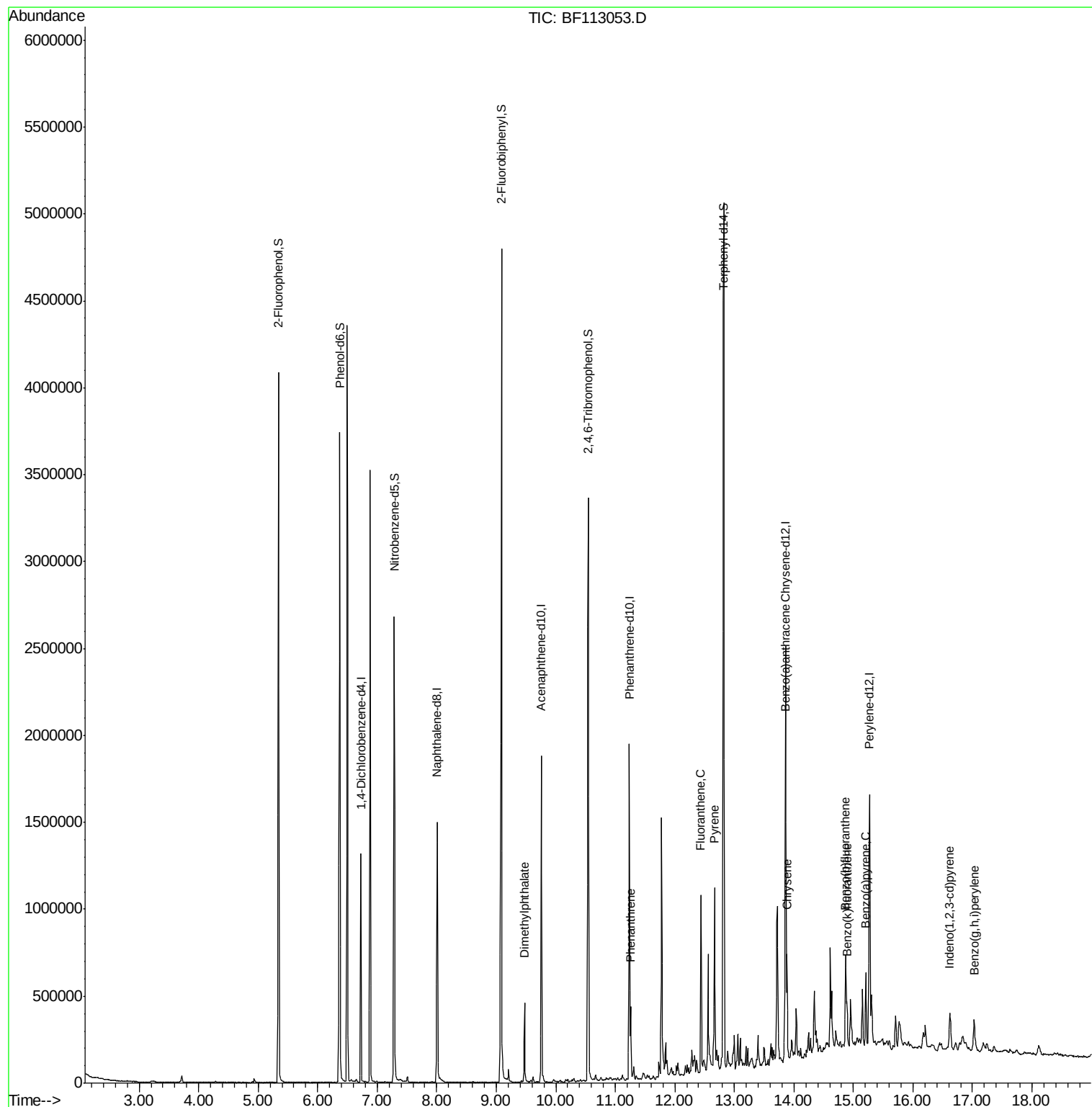
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
Data File : BF113053.D
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Sample : K1866-03
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ALS Vial : 7 Sample Multiplier: 1

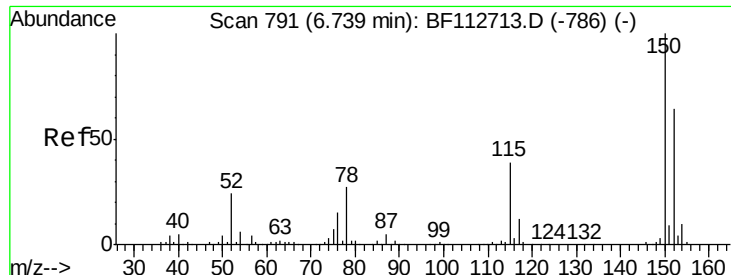
Instrument :
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MR-MH-03-COMP

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#1

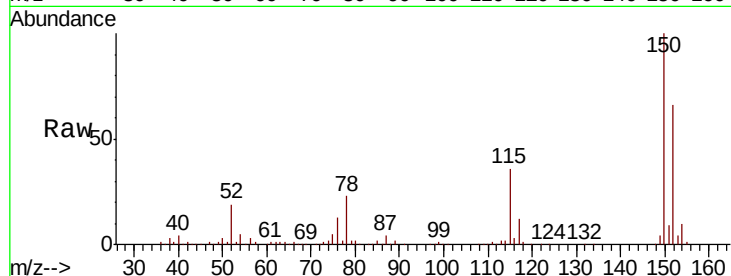
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.2	186.2
115	54.0	48.2	72.4

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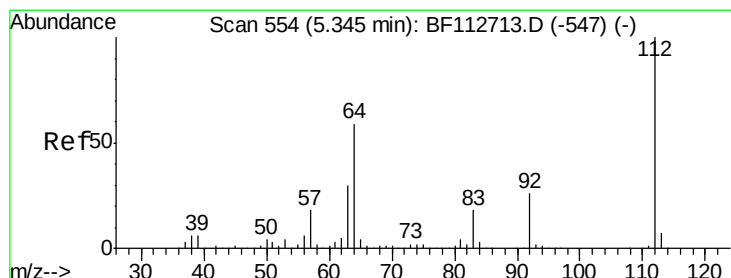
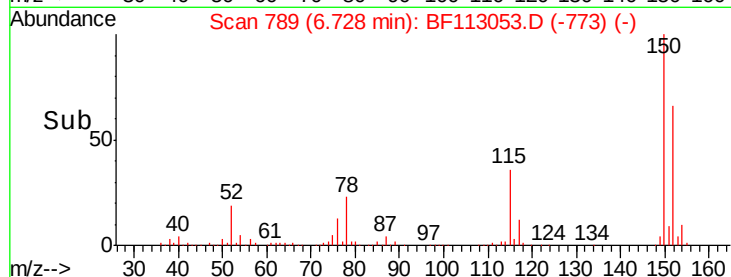
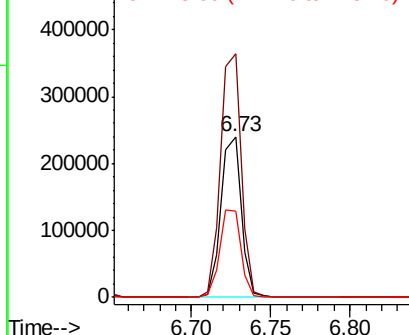


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

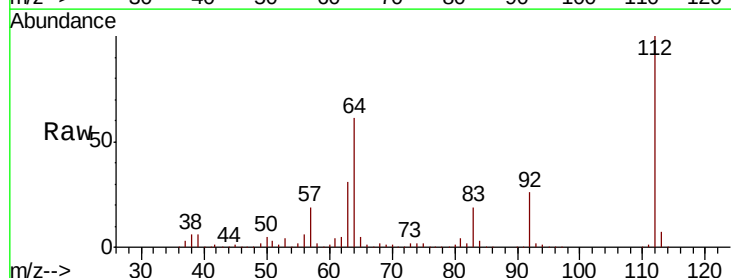
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.789 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.6	71.4
63	31.3	24.4	36.6

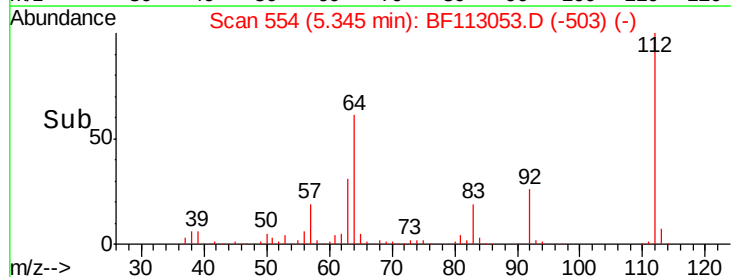
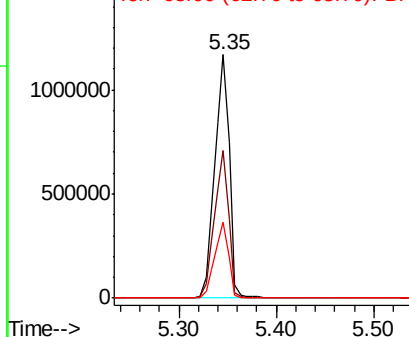


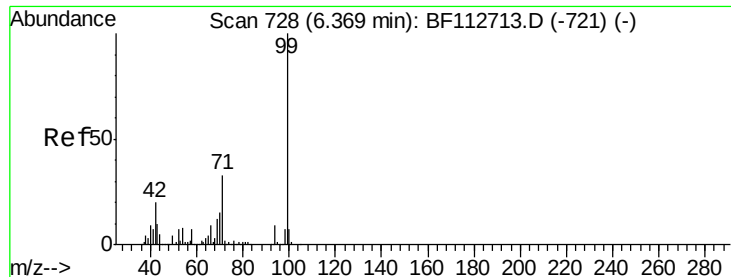
Abundance

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: 90.626 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113053.D

Acq: 14 Mar 2019 16:50

Instrument :

BNA_F

ClientSampleId :

MR-MH-03-COMP

Tot Ion: 99 Resp: 1566289

Ion Ratio Lower Upper

99 100

42 18.2 16.3 24.5

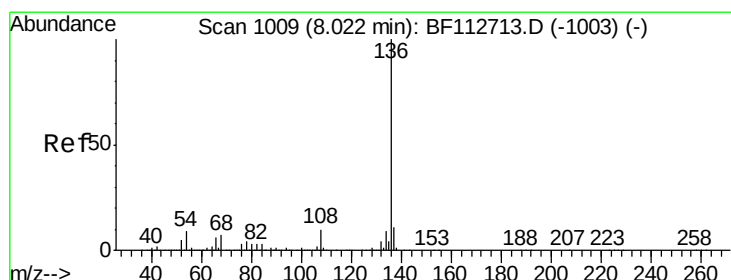
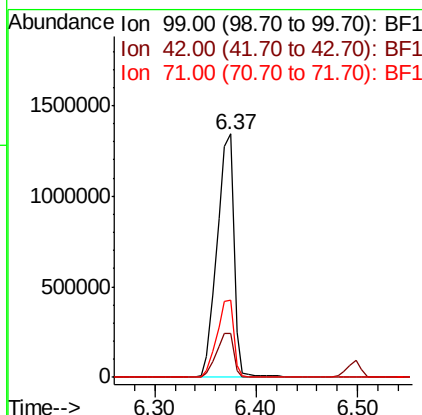
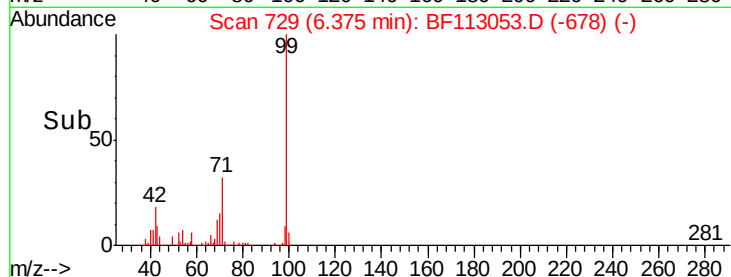
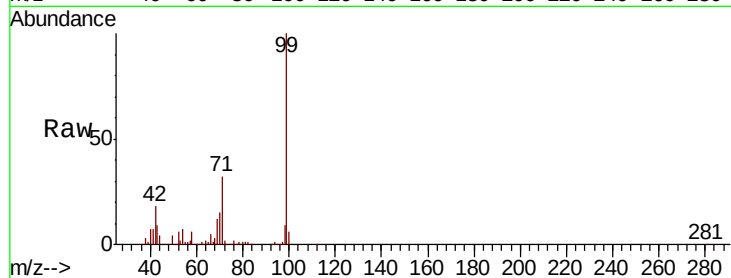
71 31.9 26.2 39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113053.D

Acq: 14 Mar 2019 16:50

Tgt Ion: 136 Resp: 815217

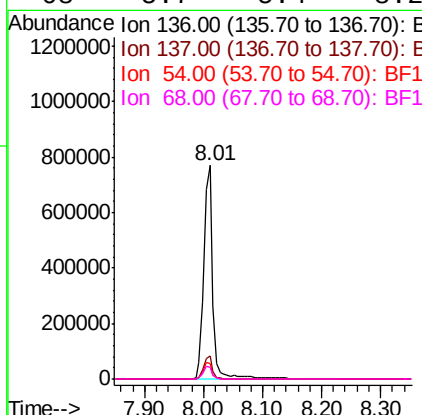
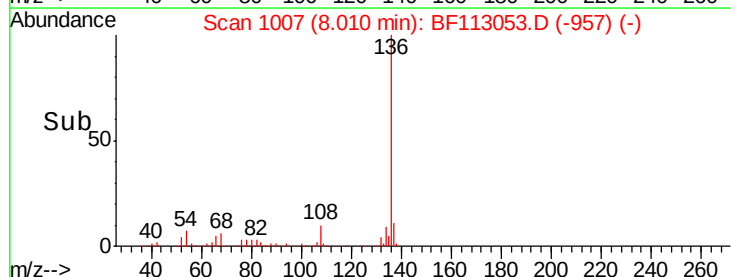
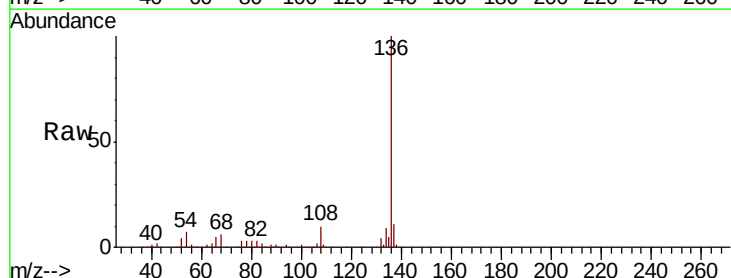
Ion Ratio Lower Upper

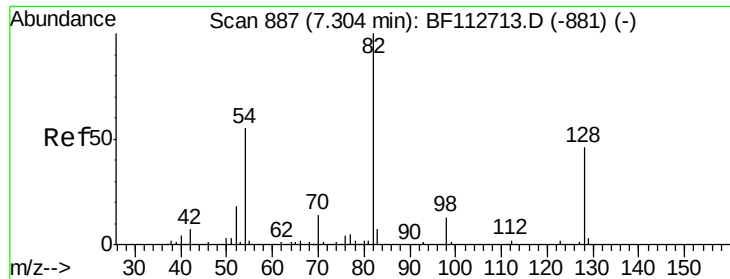
136 100

137 10.9 8.9 13.3

54 7.3 7.3 10.9#

68 5.7 5.4 8.2





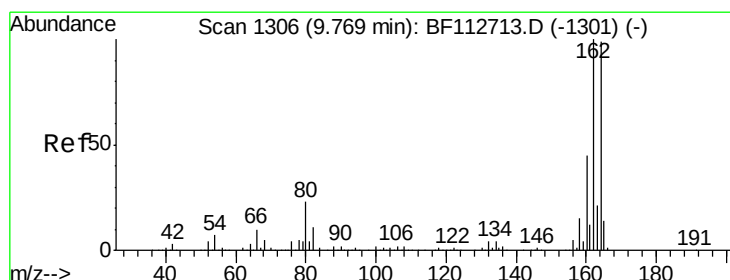
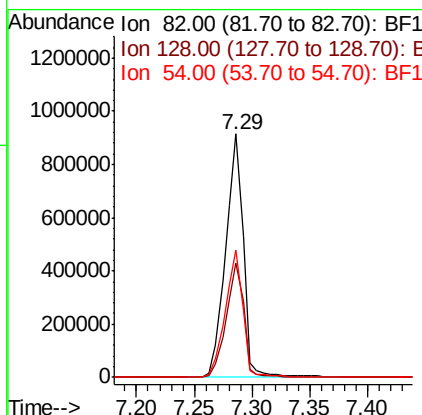
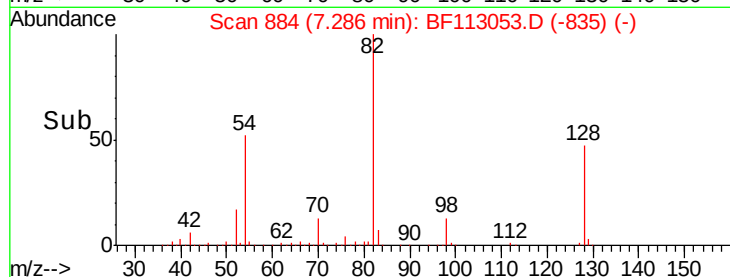
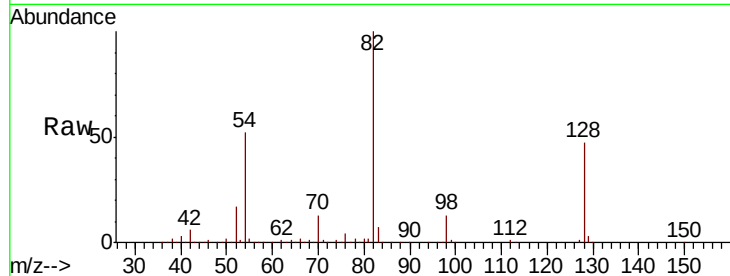
#23
Nitrobenzene-d5
Concen: 71.405 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	52.4	43.7	65.5

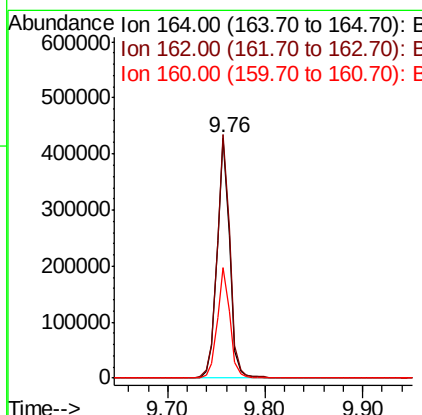
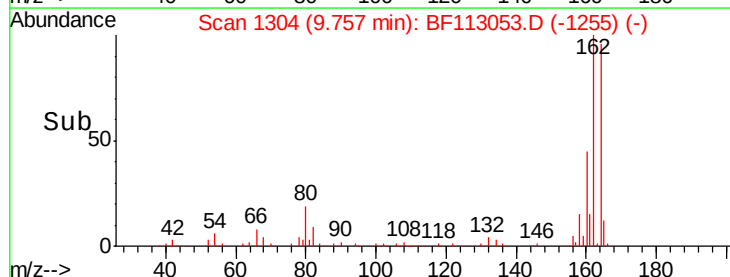
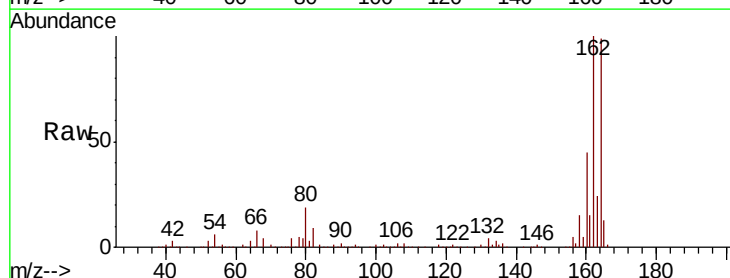
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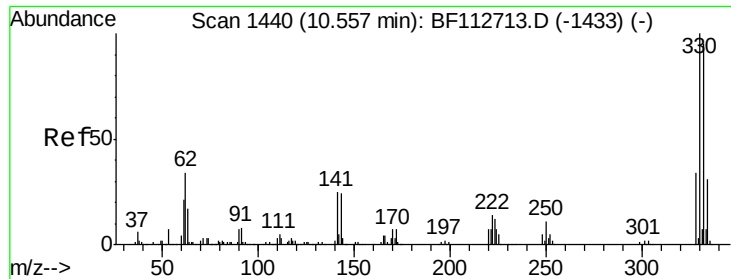
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	45.8	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 120.904 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113053.D

Acq: 14 Mar 2019 16:50

Instrument :

BNA_F

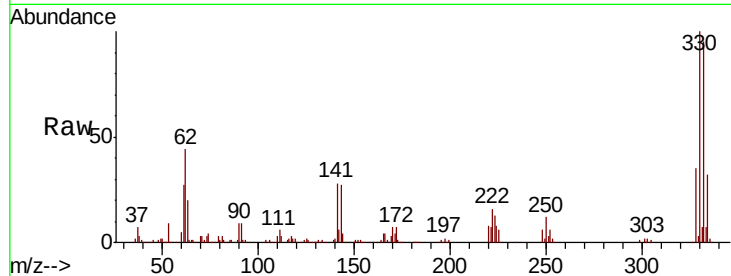
ClientSampleId :

MR-MH-03-COMP

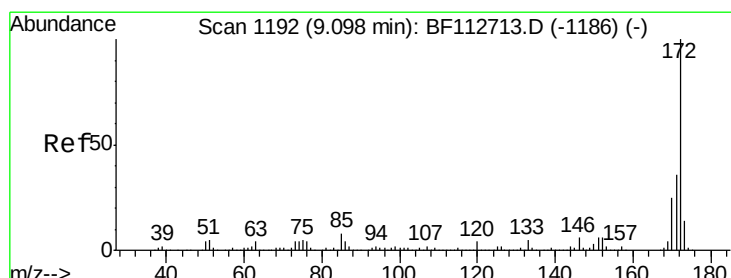
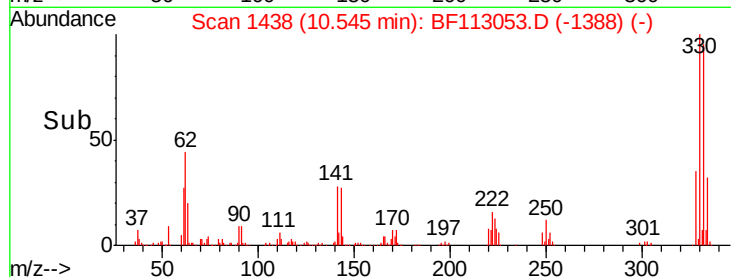
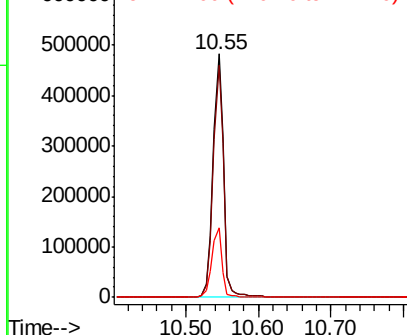
Tot Ion:	330	Resp:	490884
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.2	114.4
141	28.1	27.0	40.6

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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: 71.038 ng

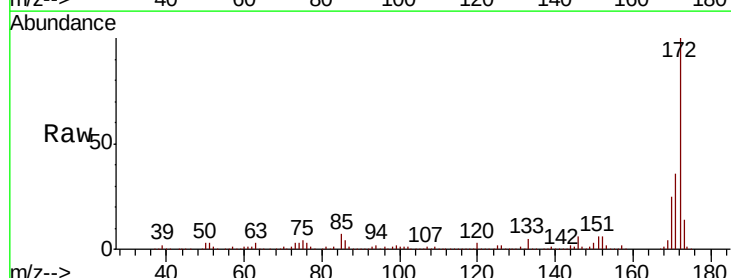
RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

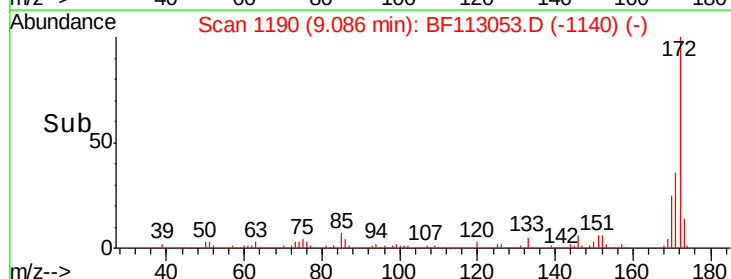
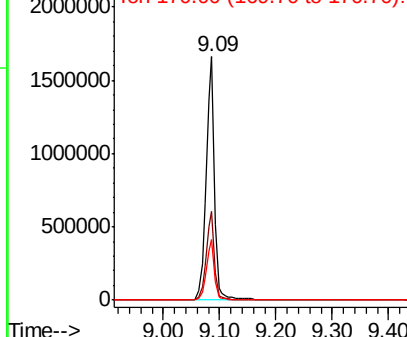
Lab File: BF113053.D

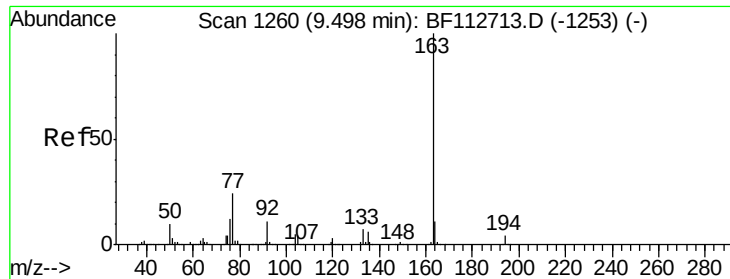
Acq: 14 Mar 2019 16:50

Tgt Ion:	172	Resp:	1712354
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.0	43.4
170	24.8	20.0	30.0



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





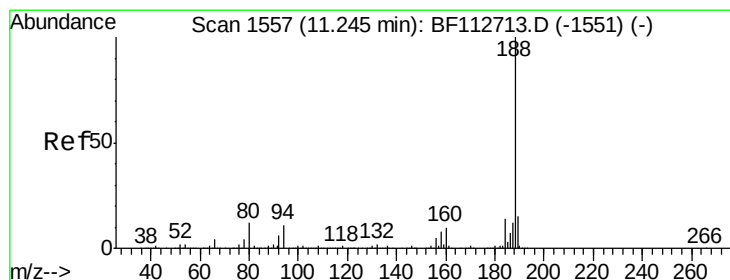
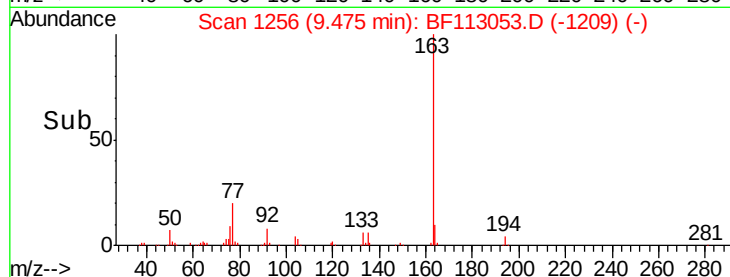
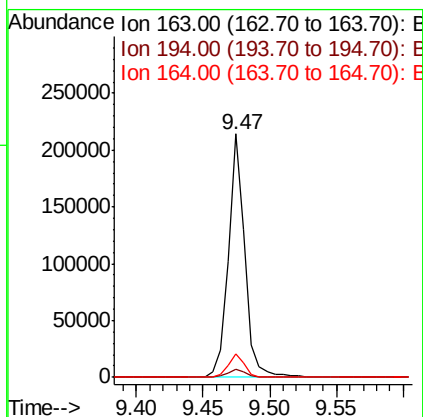
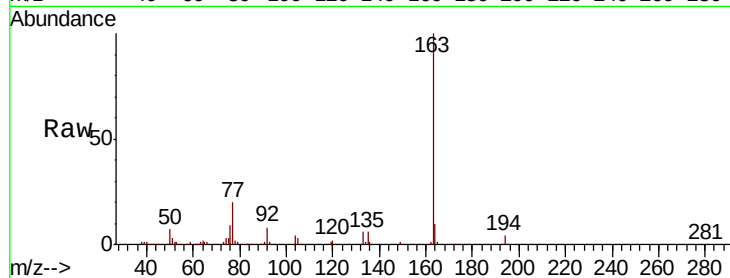
#50
Dimethylphthalate
Concen: 6.613 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	186497		
194	3.6		3.0	4.4
164	9.7		8.4	12.6

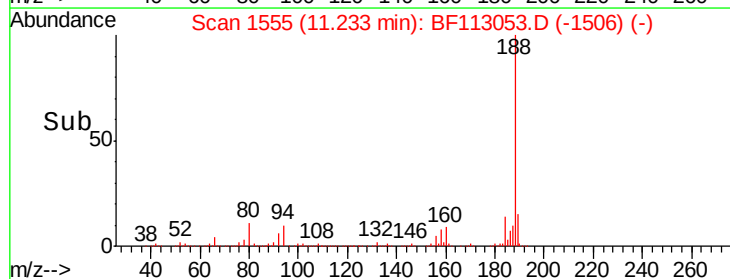
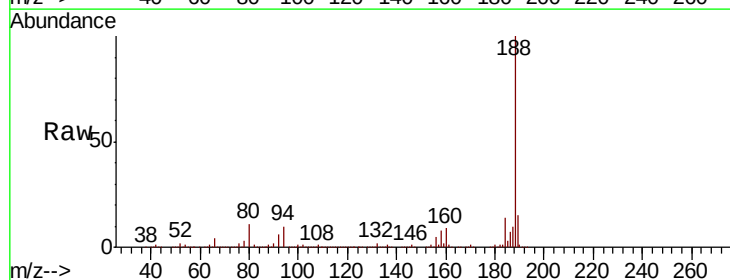
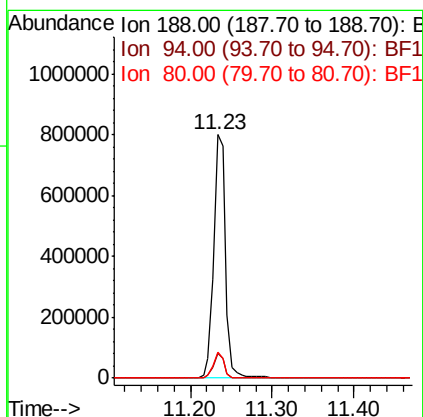
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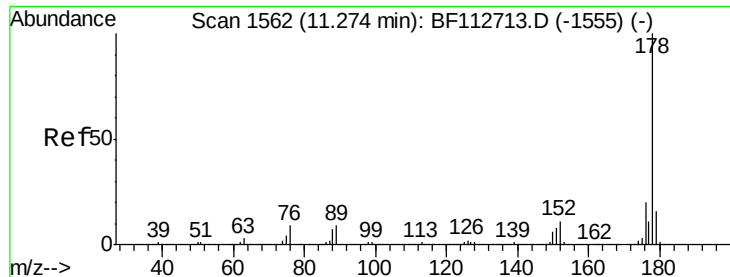
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	803832		
94	10.3		9.0	13.4
80	10.8		9.2	13.8





#71

Phenanthrene

Concen: 3.304 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113053.D

Acq: 14 Mar 2019 16:50

Instrument :

BNA_F

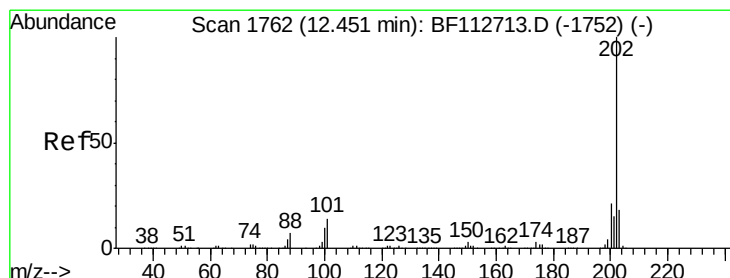
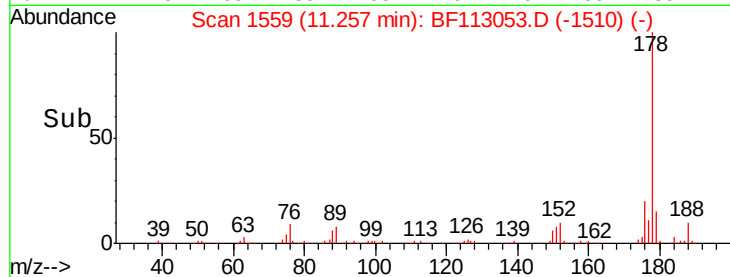
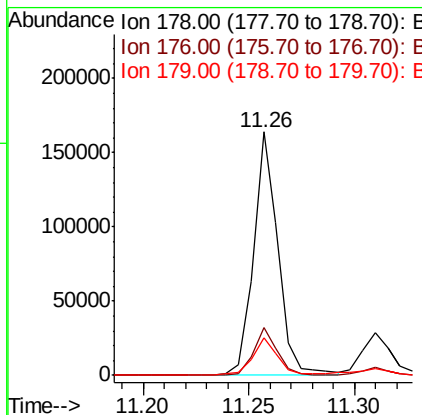
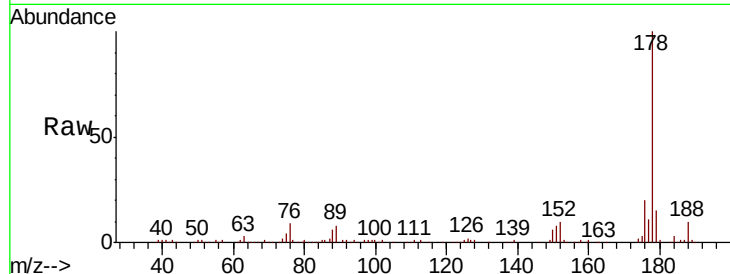
ClientSampleId :

MR-MH-03-COMP

Tot Ion:	178	Resp:	132152
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.3	24.5
179	15.4	12.7	19.1

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#75

Fluoranthene

Concen: 10.096 ng

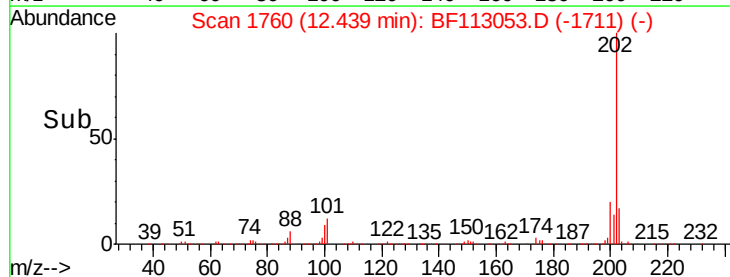
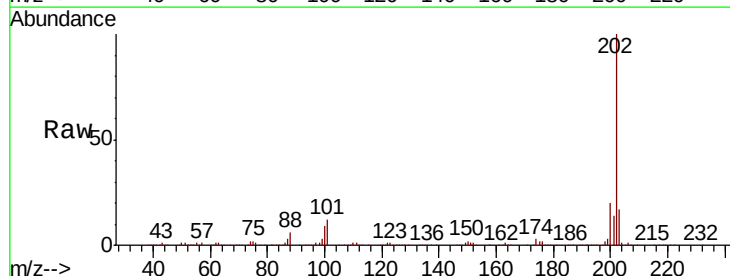
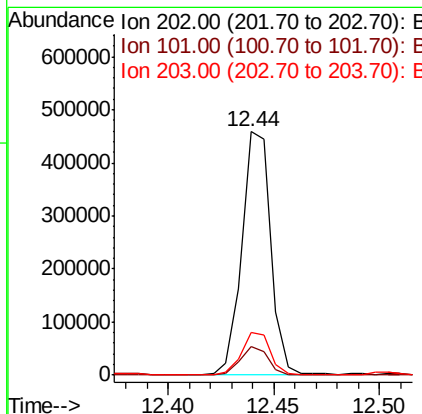
RT: 12.44 min Scan# 1760

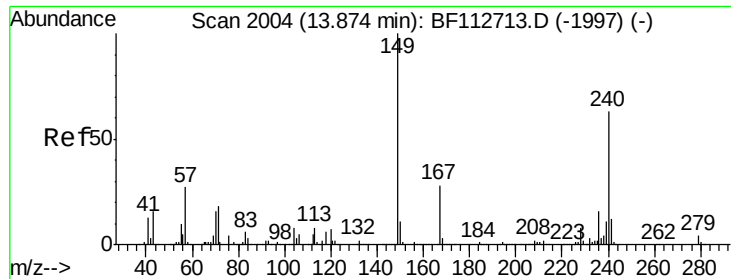
Delta R.T. -0.01 min

Lab File: BF113053.D

Acq: 14 Mar 2019 16:50

Tgt Ion:	202	Resp:	432595
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	33.8
203	17.4	0.0	38.4





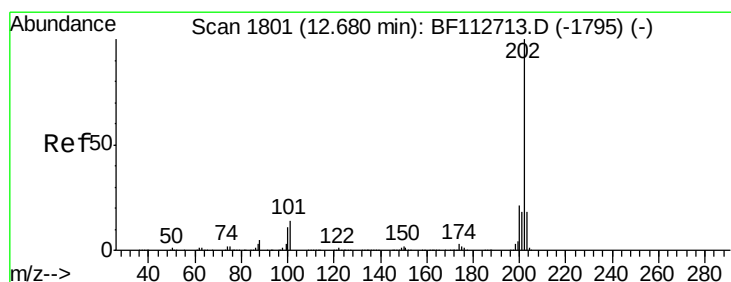
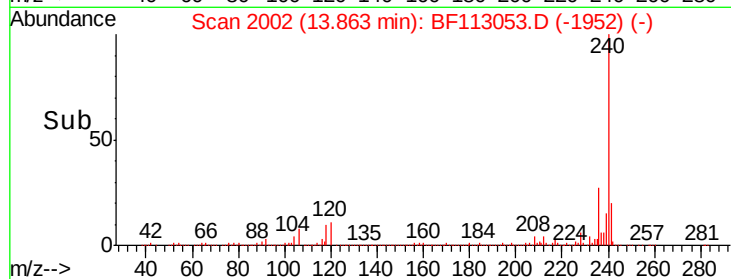
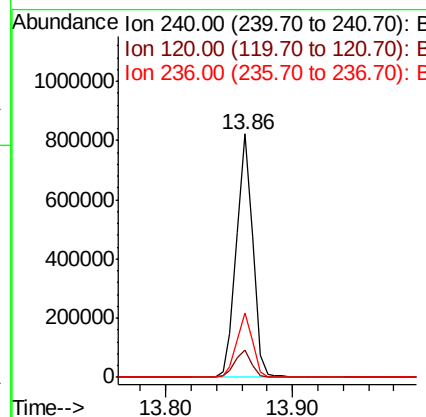
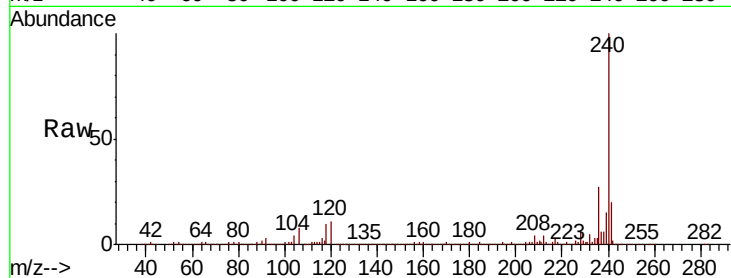
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113053.D
 Acq: 14 Mar 2019 16:50

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-03-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.6	20.7	31.1

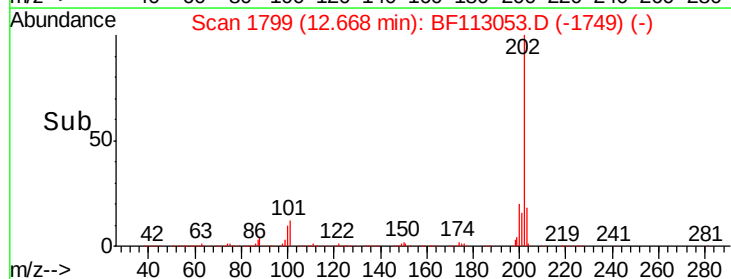
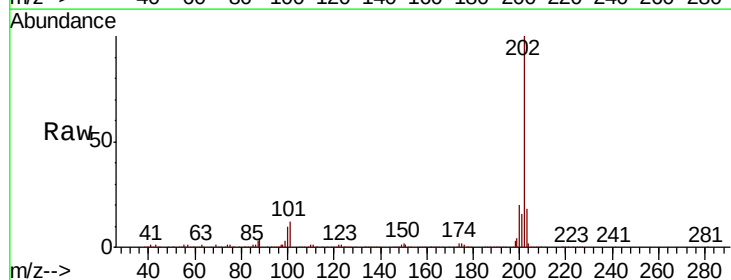
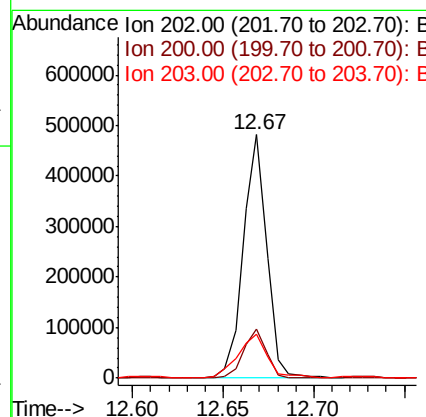
Manual Integrations
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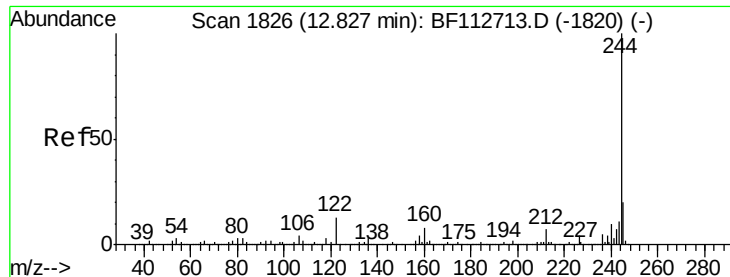
Sohil
 3/15/2019 10:03:27 AM



#78
 Pyrene
 Concen: 7.001 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF113053.D
 Acq: 14 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	18.3	14.4	21.6





#79

Terphenyl-d14

Concen: 51.685 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113053.D

Acq: 14 Mar 2019 16:50

Instrument :

BNA_F

ClientSampleId :

MR-MH-03-COMP

Tot Ion:244 Resp: 1948744

Ion Ratio Lower Upper

244 100

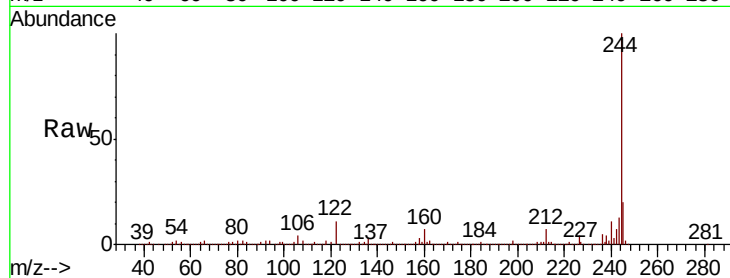
212 7.1 5.6 8.4

122 11.2 10.5 15.7

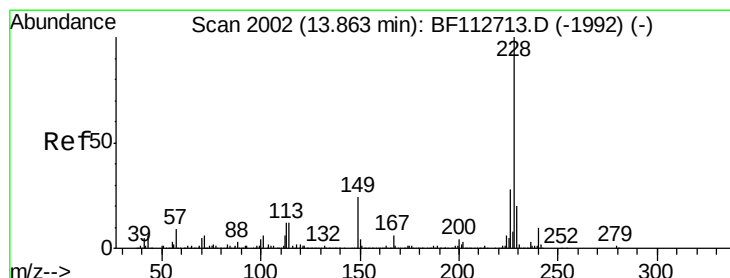
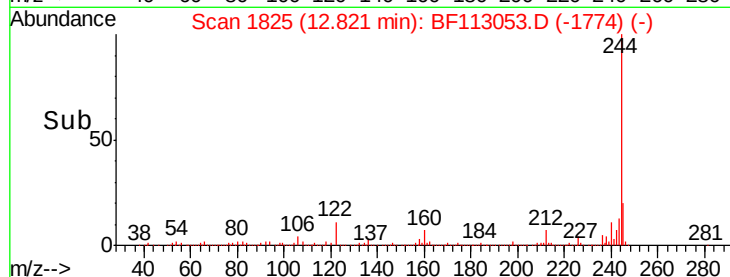
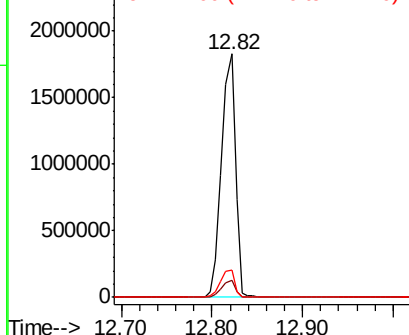
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.550 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113053.D

Acq: 14 Mar 2019 16:50

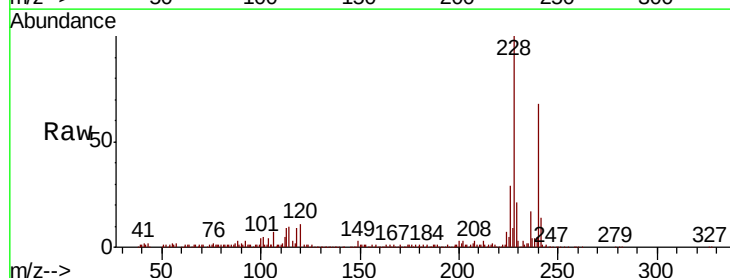
Tgt Ion:228 Resp: 230465

Ion Ratio Lower Upper

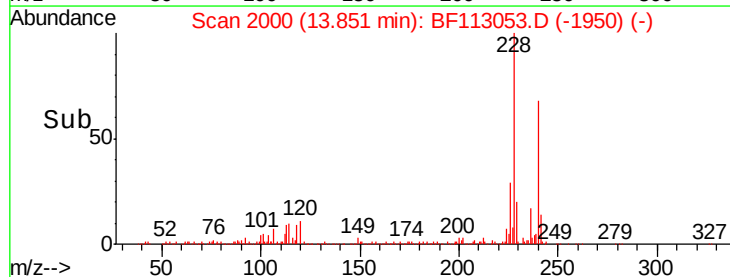
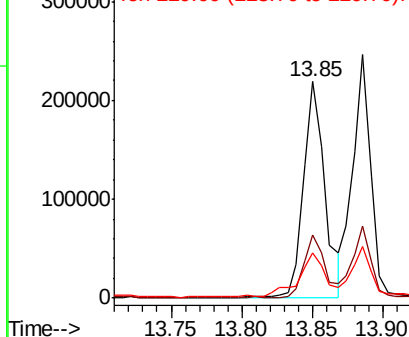
228 100

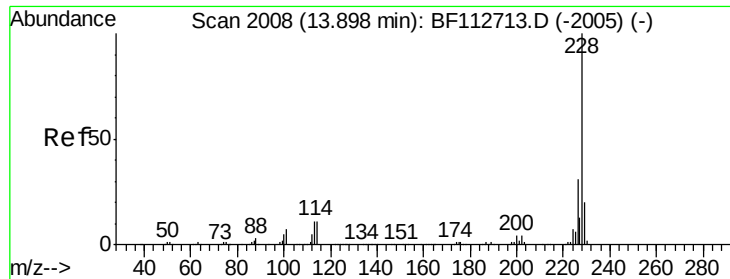
226 29.3 22.2 33.4

229 21.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





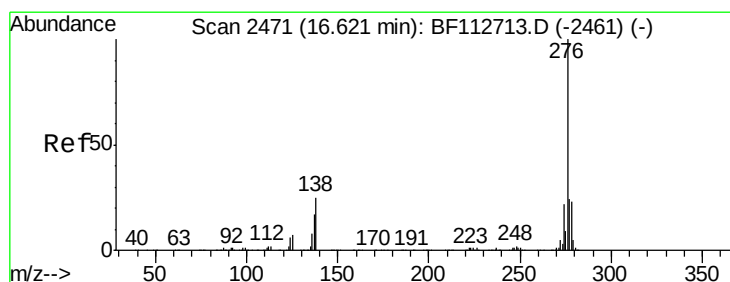
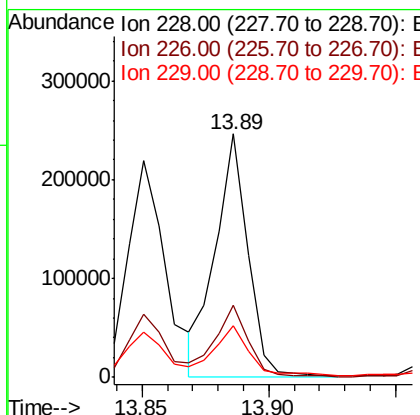
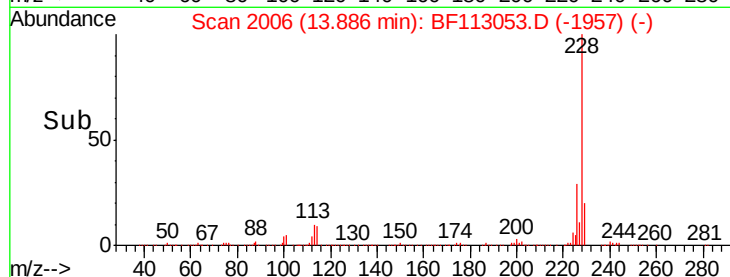
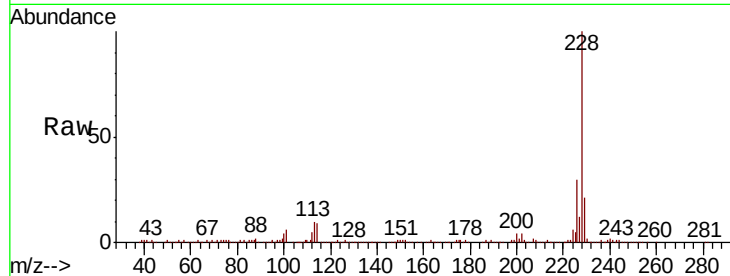
#83
Chrysene
Concen: 4.429 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.2	16.3	24.5

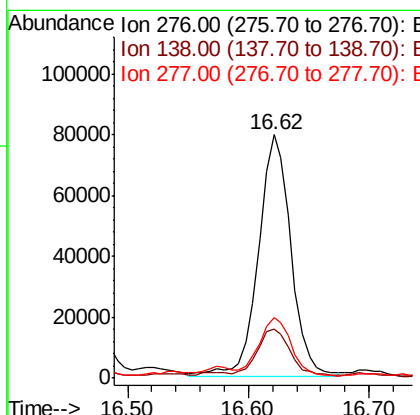
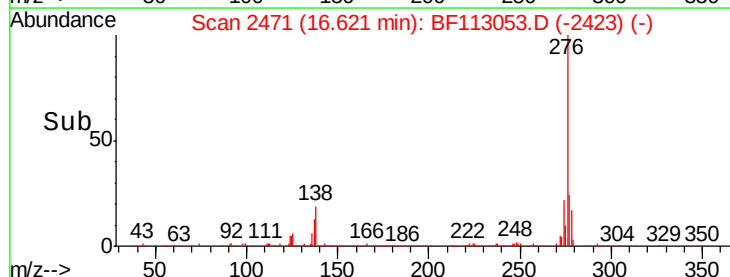
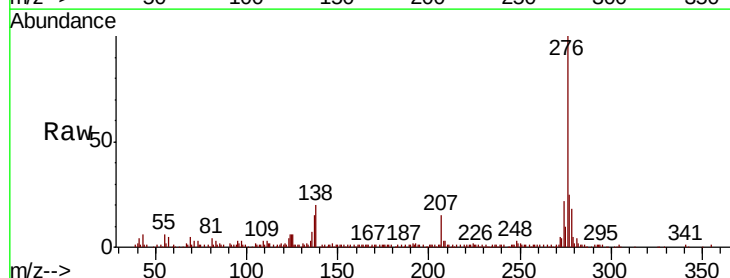
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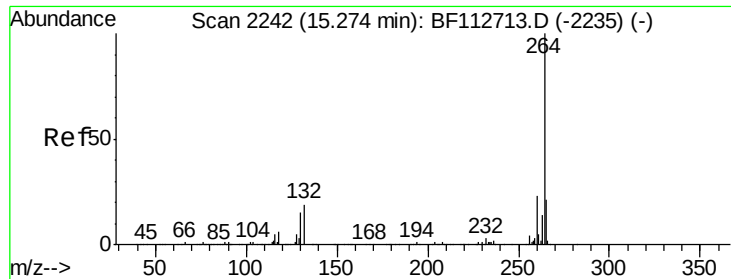
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.527 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	23.2	34.8#
277	23.5	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113053.D

Acq: 14 Mar 2019 16:50

Instrument :

BNA_F

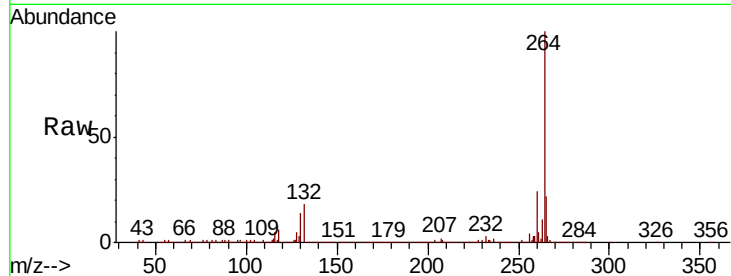
ClientSampleId :

MR-MH-03-COMP

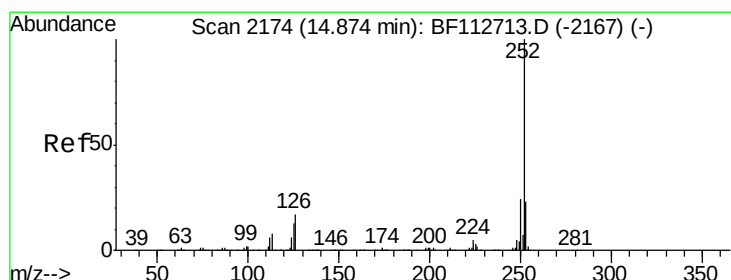
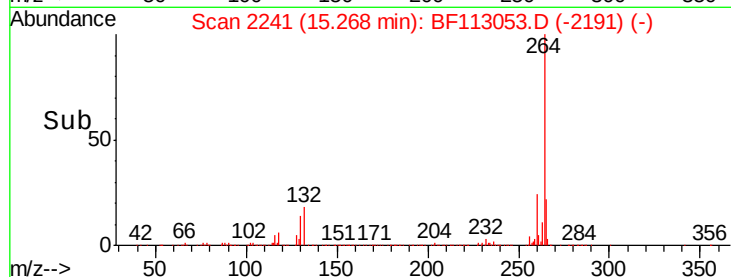
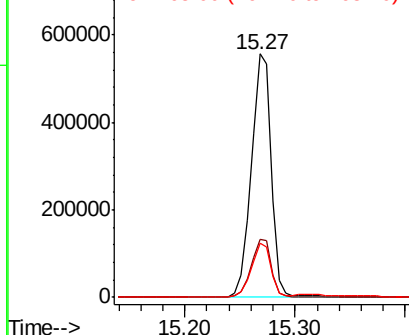
Tot Ion:	264	Resp:	706788
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	22.1	17.2	25.8

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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



#88

Benzo(b)fluoranthene

Concen: 6.425 ng m

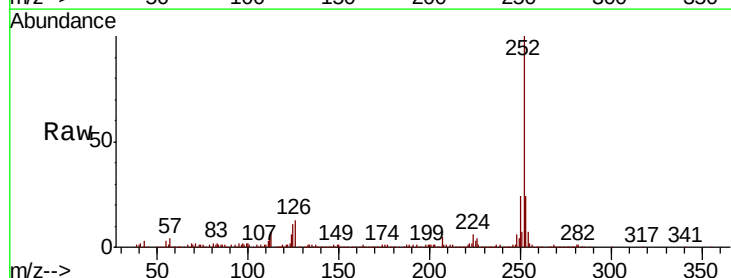
RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

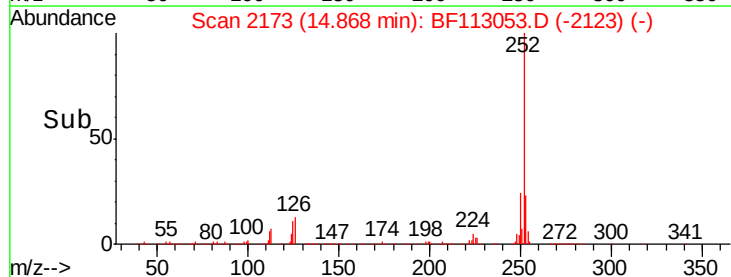
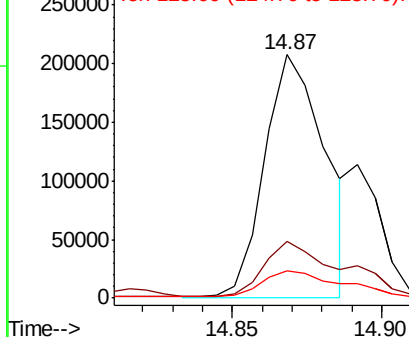
Lab File: BF113053.D

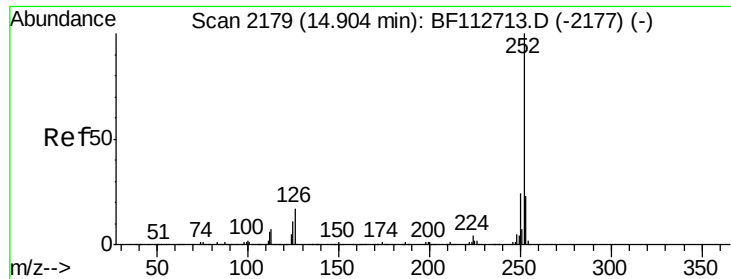
Acq: 14 Mar 2019 16:50

Tgt Ion:	252	Resp:	293753
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	11.3	10.2	15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





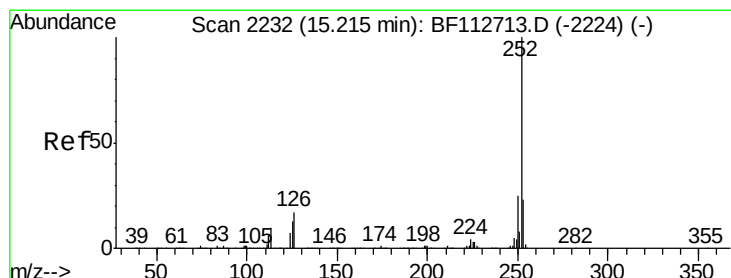
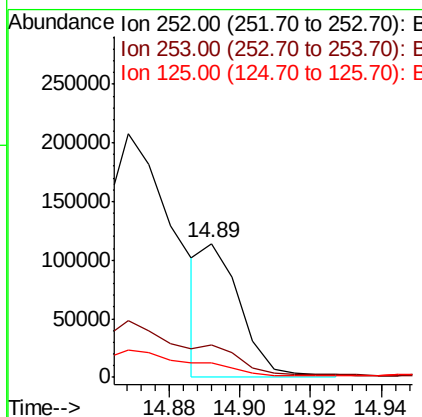
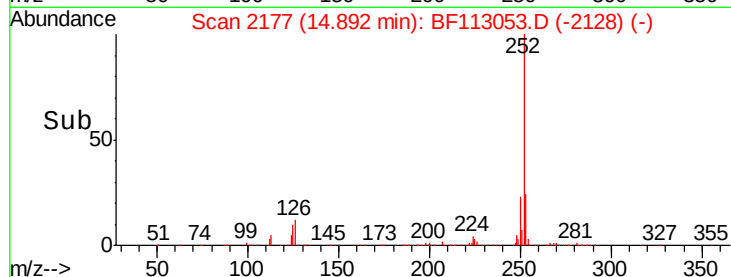
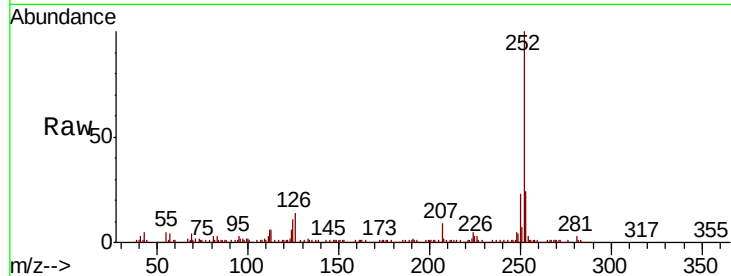
#89
Benzo(k)fluoranthene
Concen: 2.091 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Instrument :
BNA_F
ClientSampleId :
MR-MH-03-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	11.2	9.8	14.6

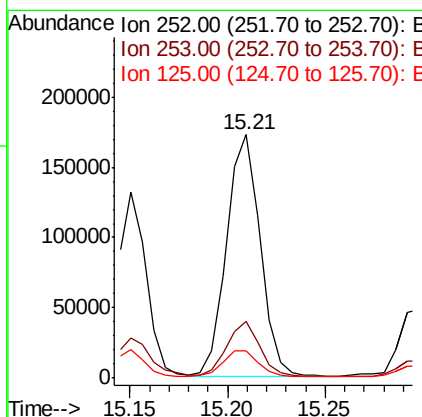
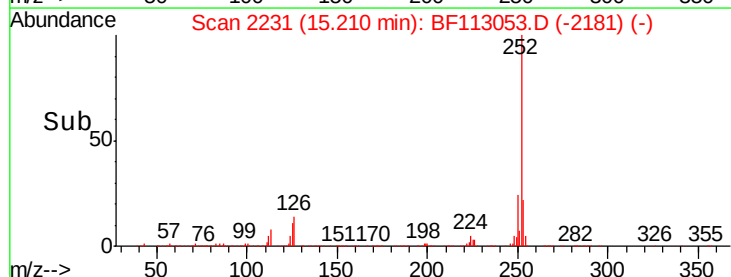
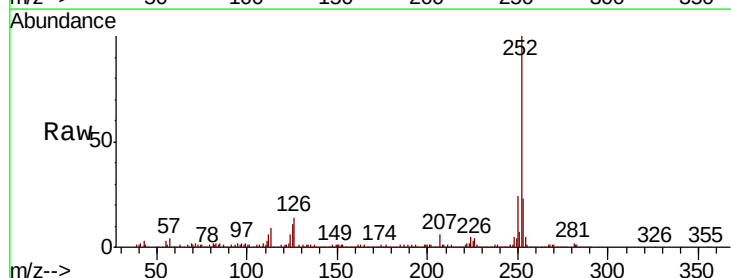
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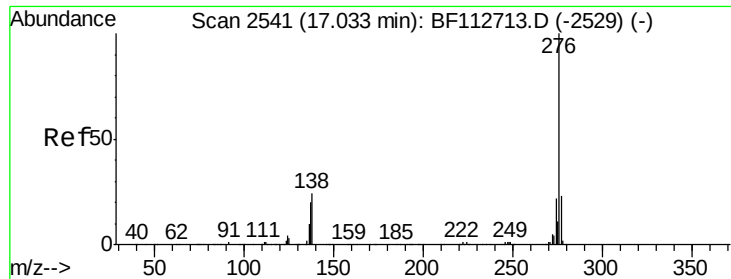
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#90
Benzo(a)pyrene
Concen: 5.136 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113053.D
Acq: 14 Mar 2019 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.1	10.7	16.1





#92
 Benzo(a,h,i)perylene
 Concen: 4.269 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. -0.02 min
 Lab File: BF113053.D
 Acq: 14 Mar 2019 16:50

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-03-COMP

Tot Ion:	276	Resp:	147925
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.6	27.8
138	21.5	19.4	29.0

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