

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112437.D
 Acq On : 7 Feb 2019 14:50
 Operator : JU/SJ
 Sample : K1389-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-6

Manual Integrations
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 2/11/2019 4:49:55 PM

Quant Time: Feb 09 03:30:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	142233	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	539919	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	250423	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	426143	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	308978	20.00	ng	0.00
87) Perylene-d12	15.47	264	301951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	827900	123.64	ng	-0.01
7) Phenol-d6	6.48	99	1045653	112.38	ng	-0.01
23) Nitrobenzene-d5	7.39	82	641637	68.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	284832	97.72	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1225394	69.21	ng	-0.02
79) Terphenyl-d14	12.94	244	971460	59.22	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	91625	4.709	ng	98
71) Phenanthrene	11.38	178	54860	2.476	ng	97
75) Fluoranthene	12.57	202	257320	10.829	ng	99
78) Pyrene	12.80	202	242882	11.354	ng	99
81) Benzo(a)anthracene	13.99	228	119073	6.556	ng	99
83) Chrysene	14.03	228	105337	6.076	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	72971	5.312	ng	# 92
88) Benzo(b)fluoranthene	15.04	252	167645m	9.284	ng	
89) Benzo(k)fluoranthene	15.07	252	53889m	3.116	ng	
90) Benzo(a)pyrene	15.41	252	117229	7.215	ng	# 94
92) Benzo(g,h,i)perylene	17.41	276	67962	5.501	ng	99

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

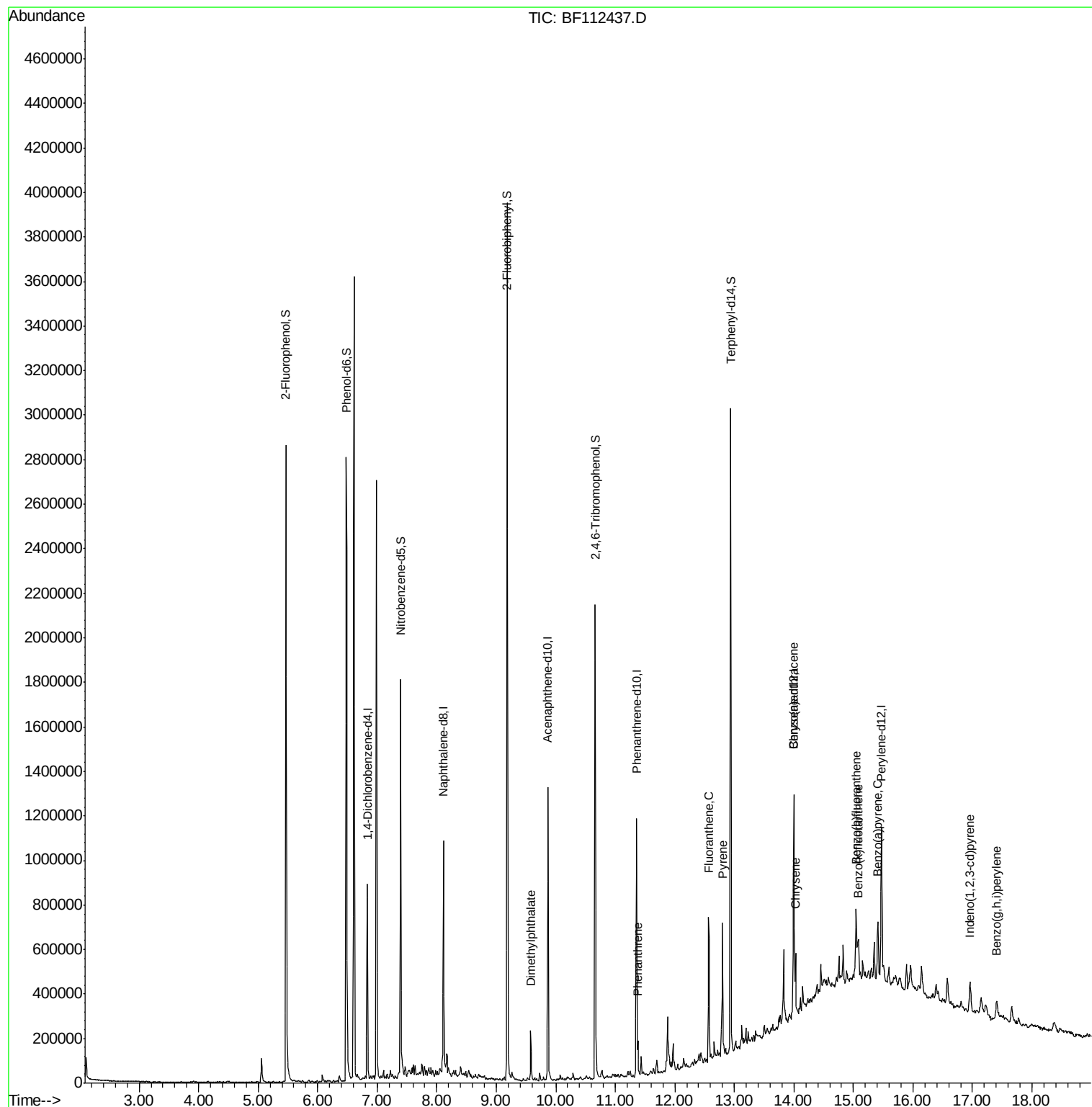
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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ALS Vial : 7 Sample Multiplier: 1

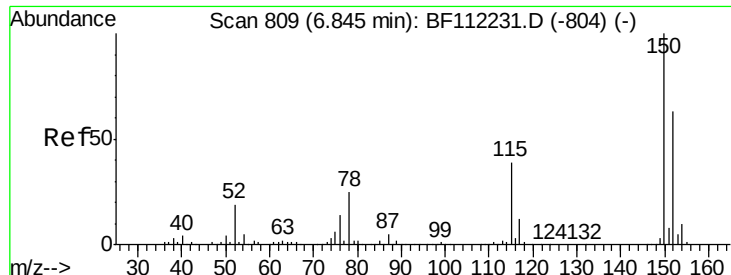
Instrument :
BNA_F
ClientSampleId :
M-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

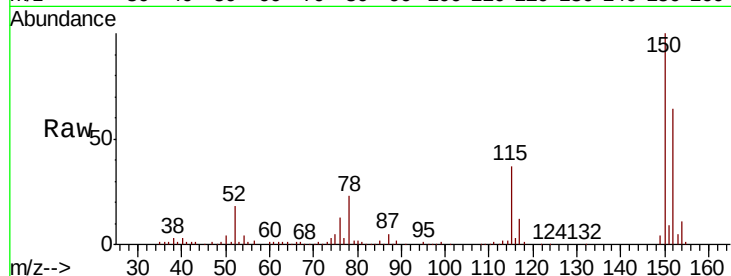
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	57.7	45.5	68.3

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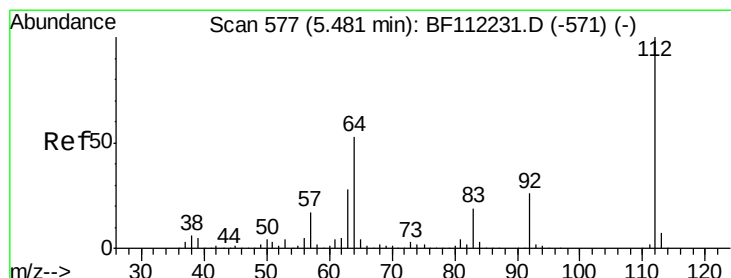
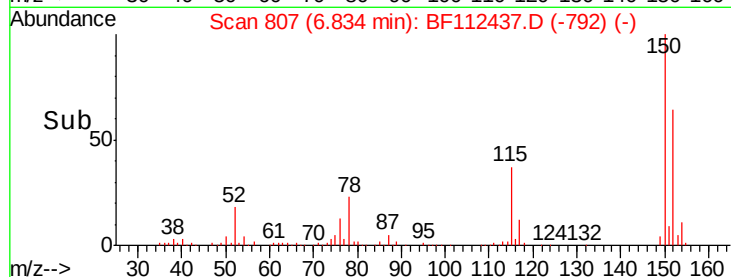
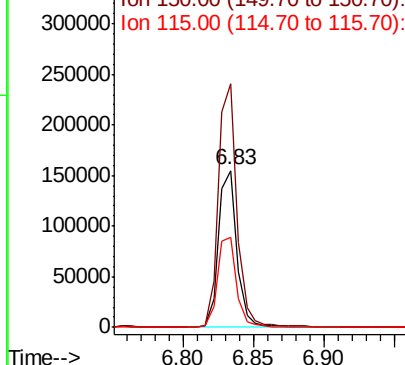


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

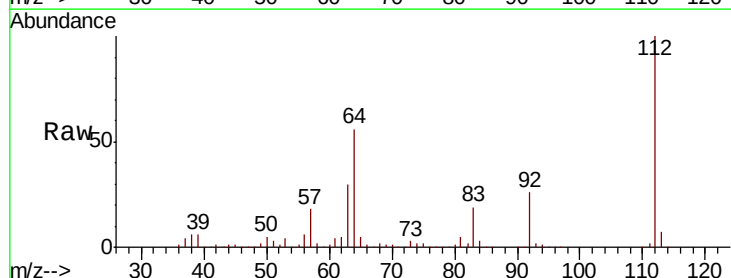
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.636 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.7	68.5
63	30.4	23.6	35.4

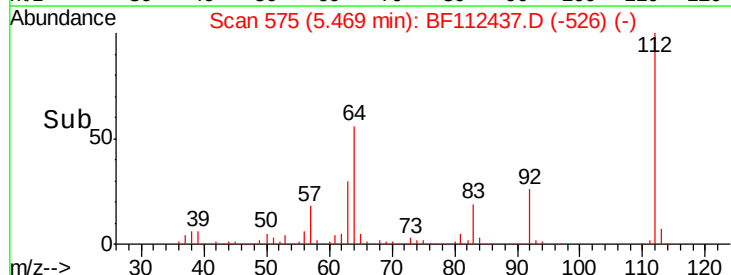
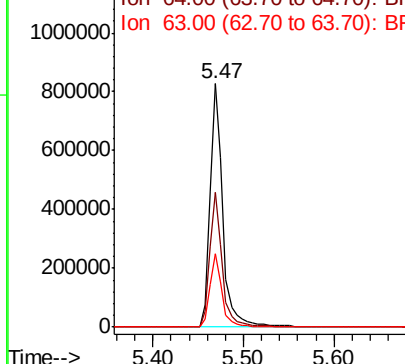


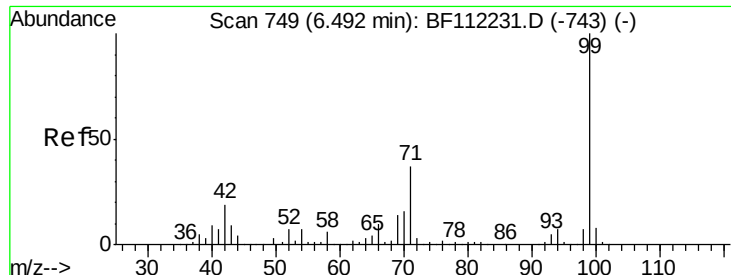
Abundance

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: 112.378 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112437.D

Acq: 7 Feb 2019 14:50

Instrument :

BNA_F

ClientSampled :

M-6

Tot Ion: 99 Resp: 1045653

Ion Ratio Lower Upper

99 100

42 19.8 15.1 22.7

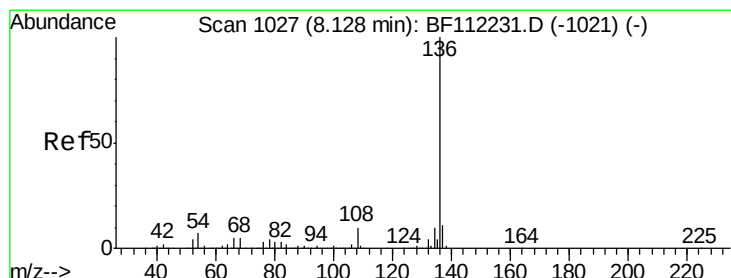
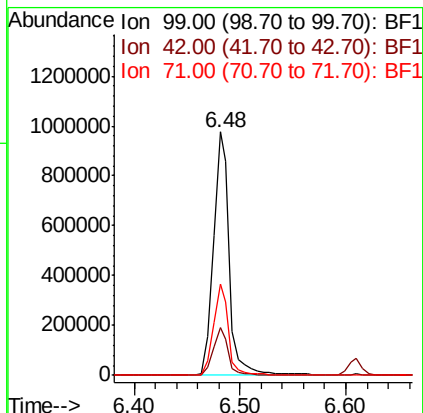
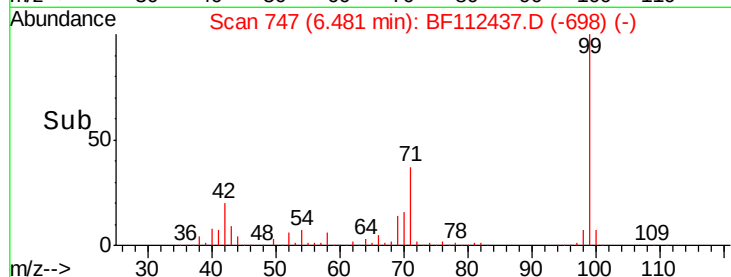
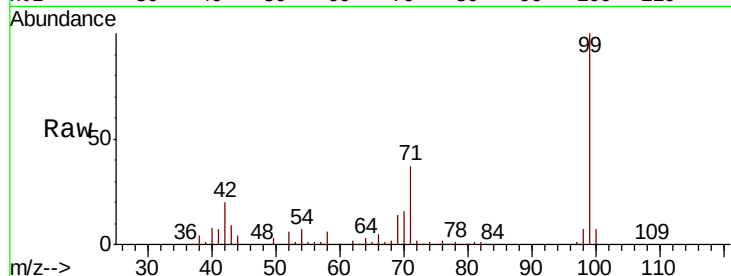
71 37.3 26.9 40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112437.D

Acq: 7 Feb 2019 14:50

Tgt Ion: 136 Resp: 539919

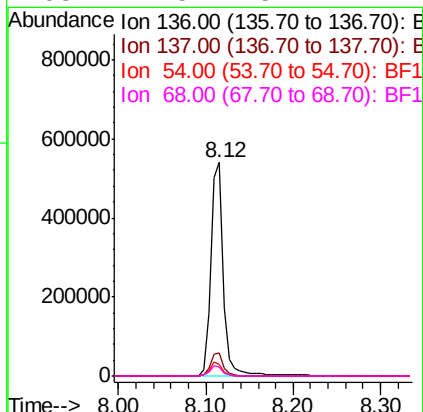
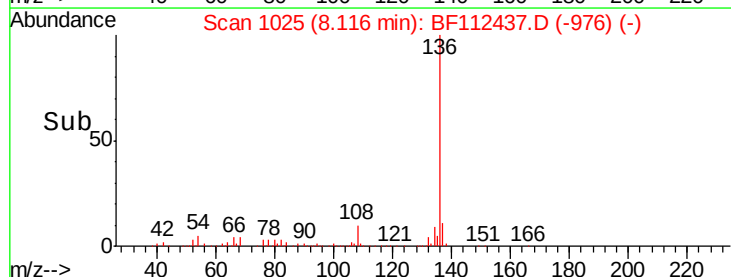
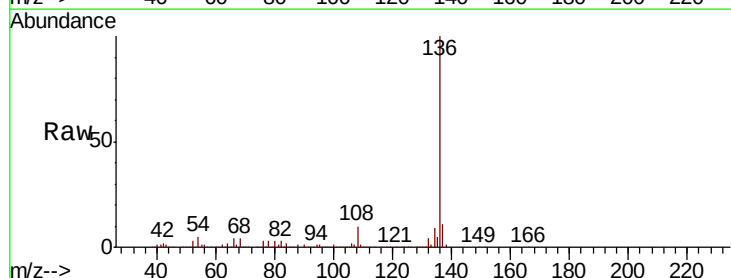
Ion Ratio Lower Upper

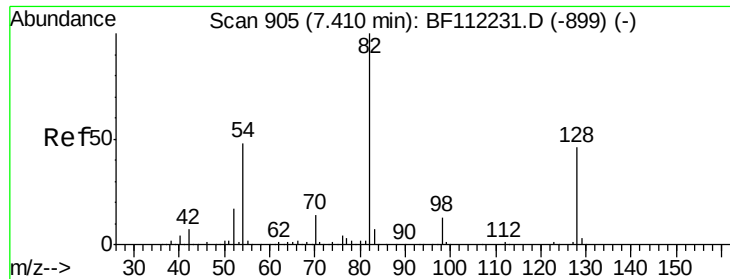
136 100

137 10.7 9.1 13.7

54 5.4 5.9 8.9#

68 4.5 5.1 7.7#





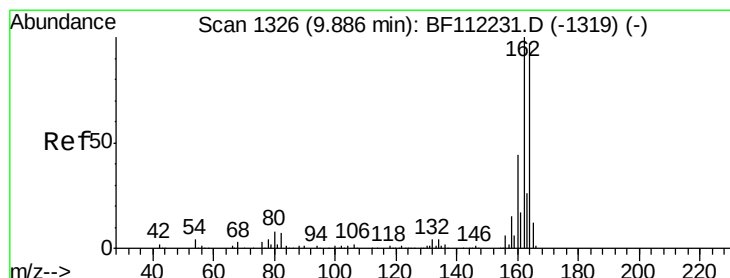
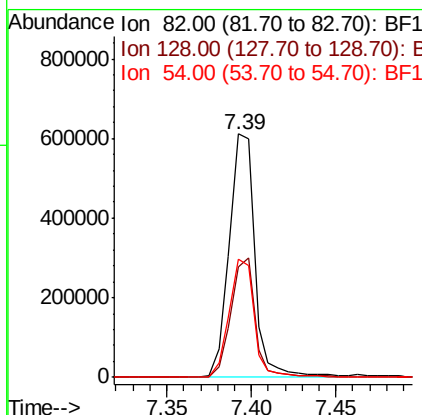
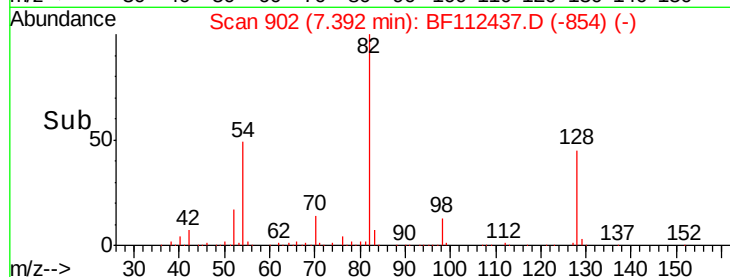
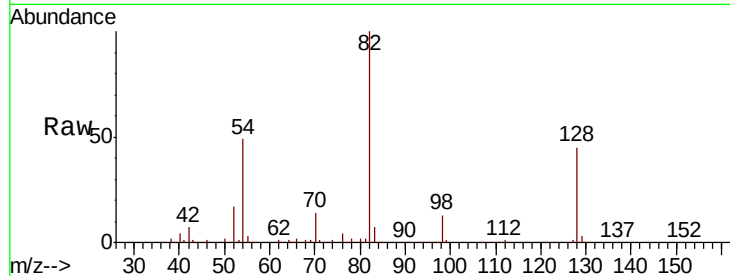
#23
Nitrobenzene-d5
Concen: 68.475 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
M-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.8	56.8
54	48.6	39.7	59.5

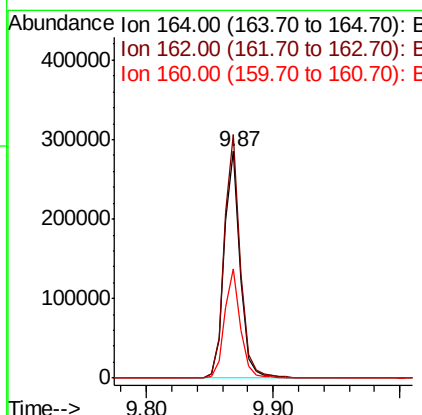
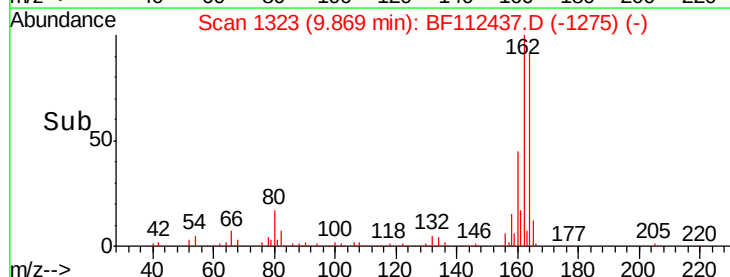
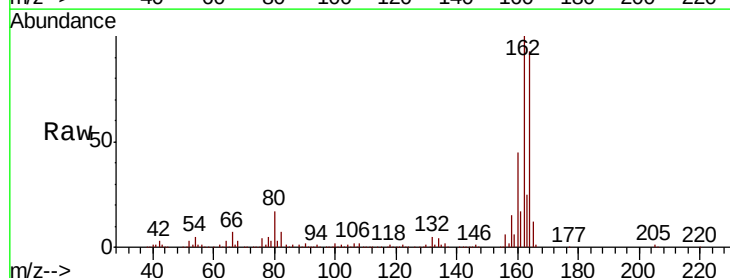
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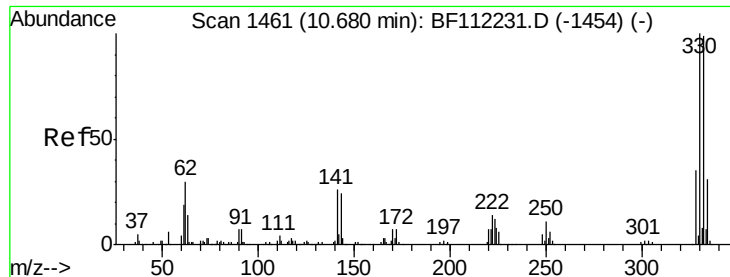
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	82.2	123.4
160	48.0	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 97.717 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112437.D

Acq: 7 Feb 2019 14:50

Instrument :

BNA_F

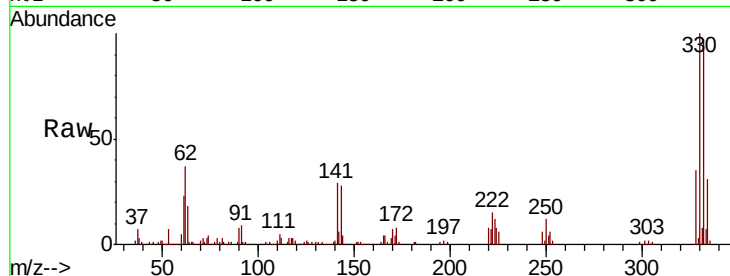
ClientSampled :

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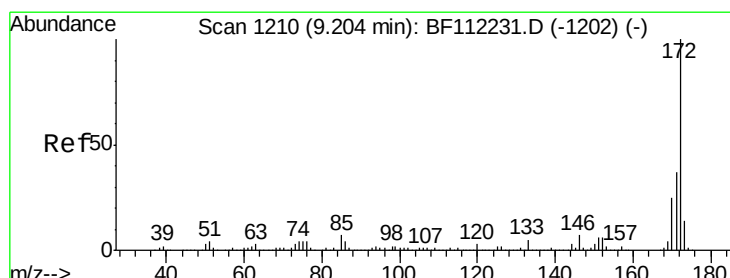
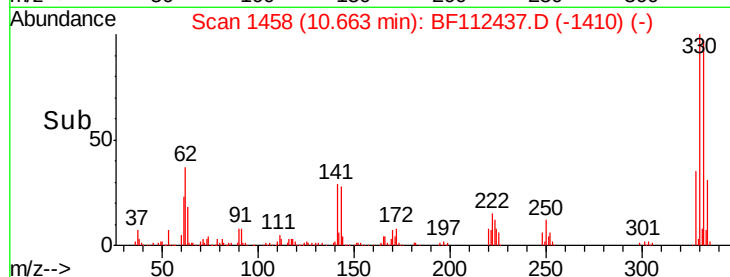
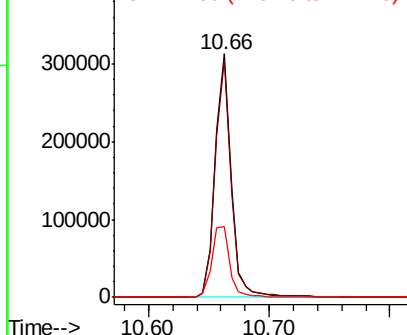
Tot Ion:	330	Resp:	284832
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.6	114.8
141	33.2	24.3	36.5

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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: 69.208 ng

RT: 9.19 min Scan# 1207

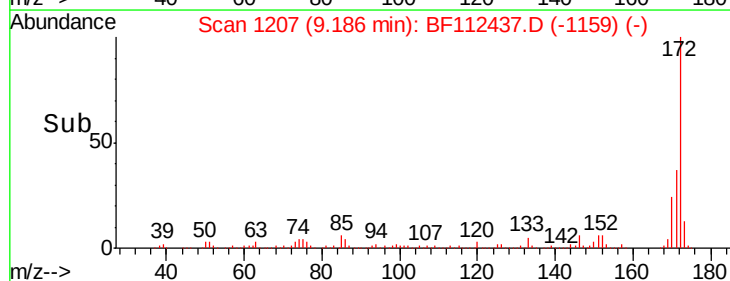
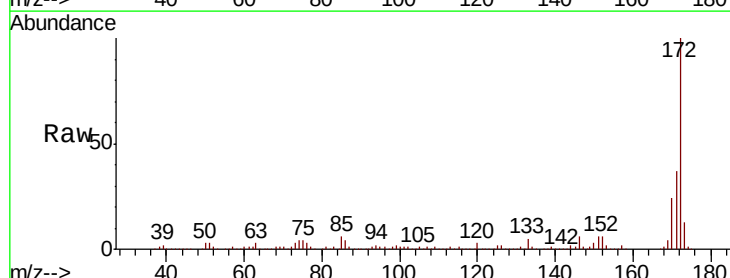
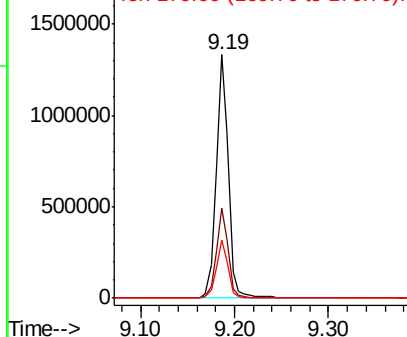
Delta R.T. -0.02 min

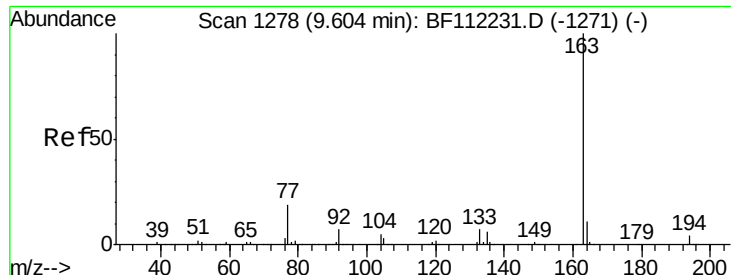
Lab File: BF112437.D

Acq: 7 Feb 2019 14:50

Tgt Ion:	172	Resp:	1225394
Ion Ratio	Lower	Upper	
172	100		
171	36.9	30.5	45.7
170	23.8	20.2	30.4

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





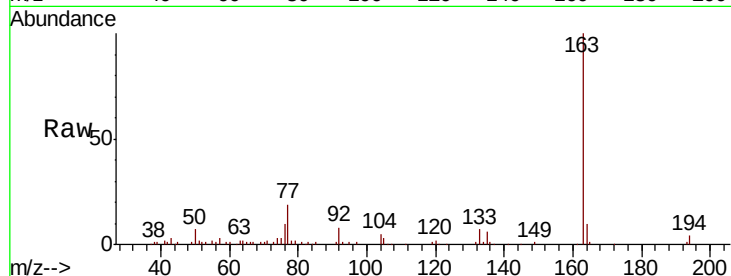
#50
Dimethylphthalate
Concen: 4.709 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
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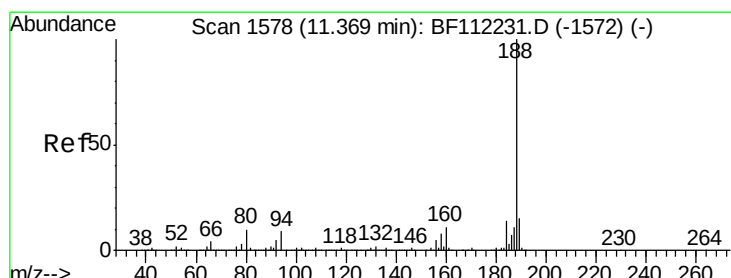
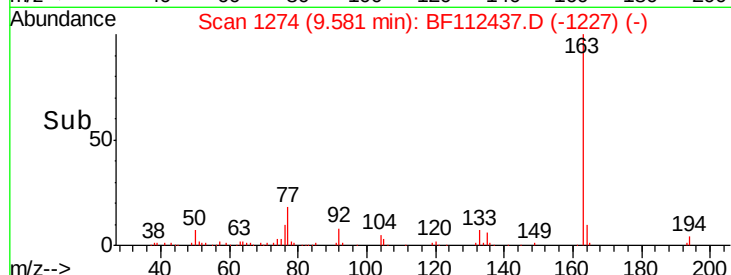
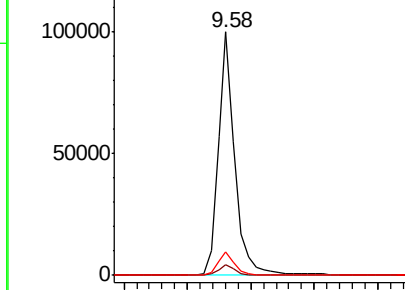
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2		3.3	4.9
164	9.6		8.5	12.7

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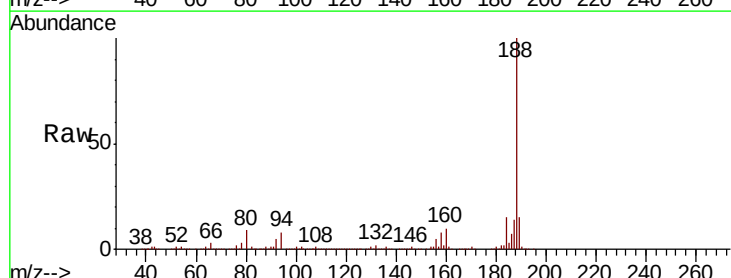


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

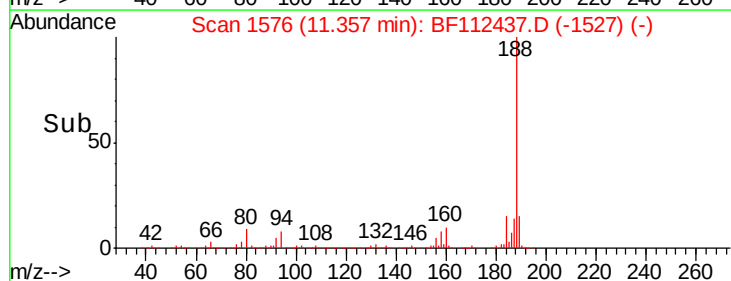
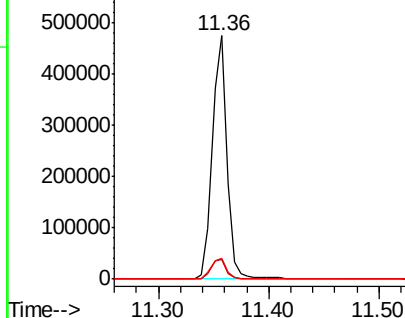


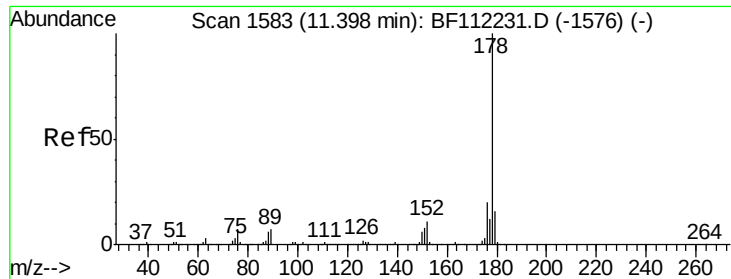
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.9		8.2	12.2#
80	8.5		8.9	13.3#



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





#71

Phenanthrene

Concen: 2.476 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF112437.D

Acq: 7 Feb 2019 14:50

Instrument :

BNA_F

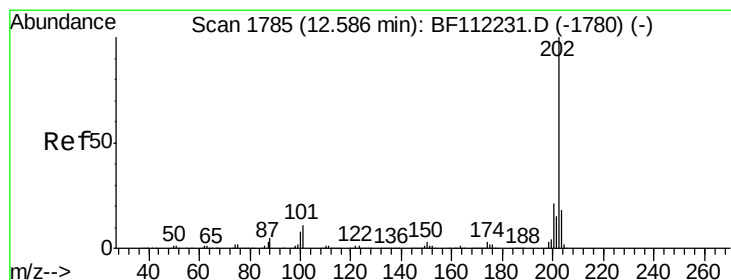
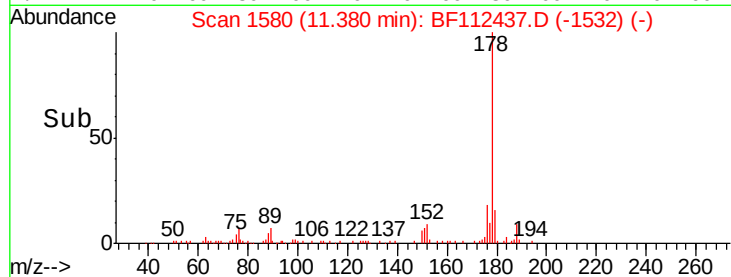
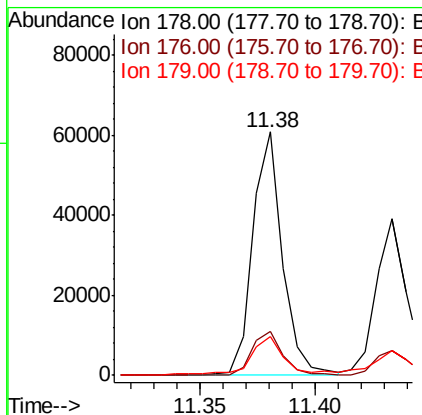
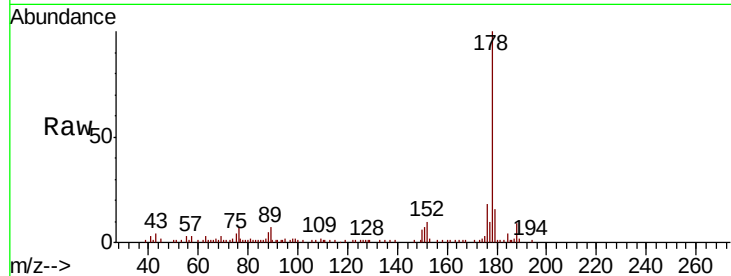
ClientSampled :

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Tot Ion:	178	Resp:	54860
Ion Ratio	Lower	Upper	
178	100		
176	18.3	16.3	24.5
179	16.1	13.0	19.4

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#75

Fluoranthene

Concen: 10.829 ng

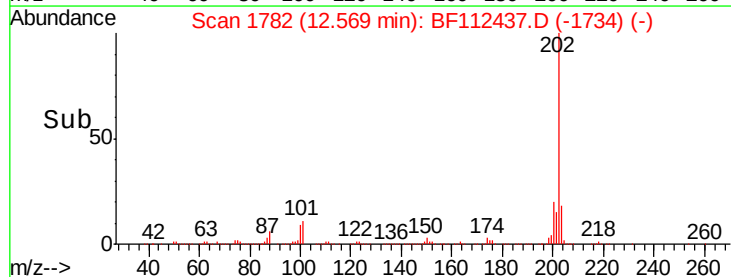
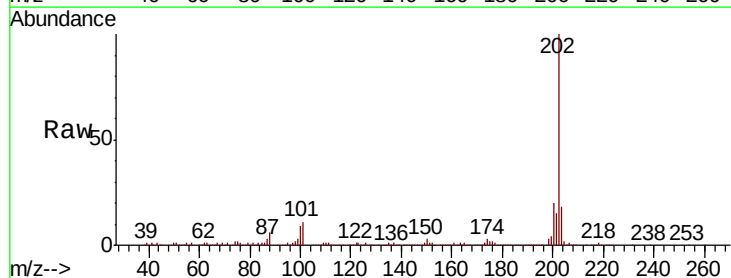
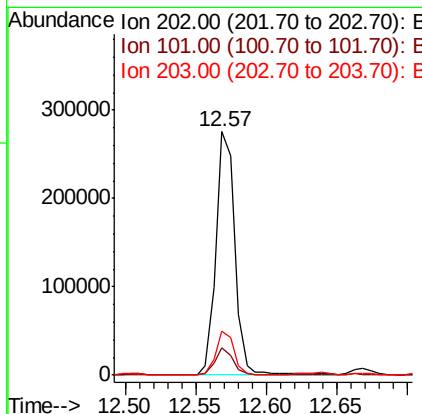
RT: 12.57 min Scan# 1782

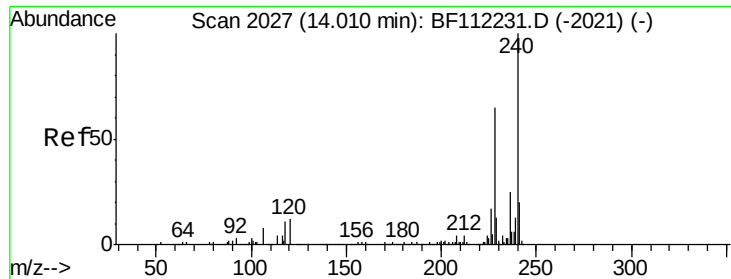
Delta R.T. -0.02 min

Lab File: BF112437.D

Acq: 7 Feb 2019 14:50

Tgt Ion:	202	Resp:	257320
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.8
203	17.8	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112437.D

Acq: 7 Feb 2019 14:50

Instrument :

BNA_F

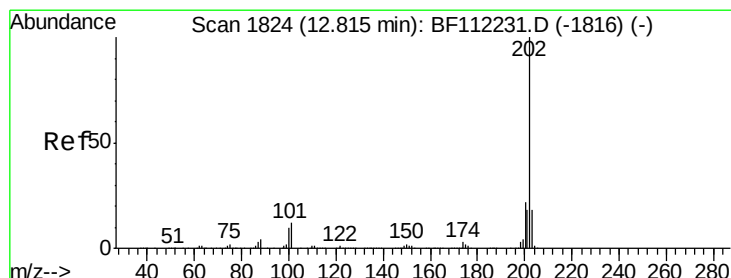
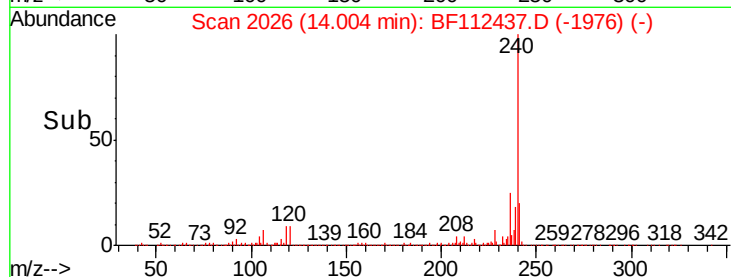
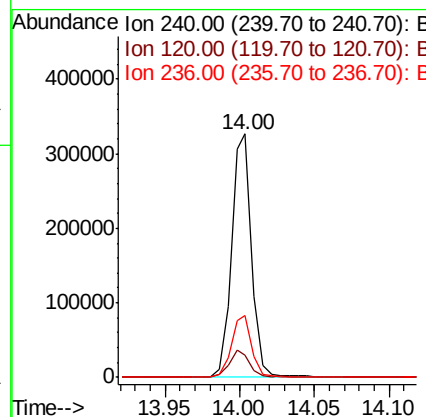
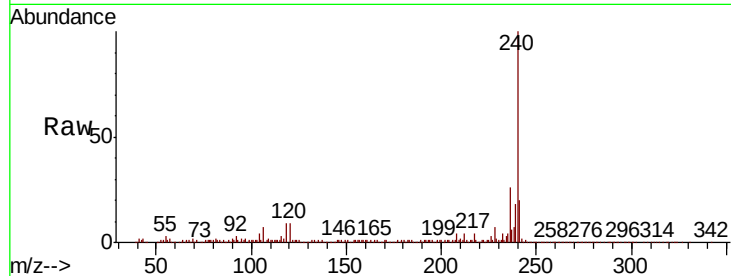
ClientSampled :

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Tot Ion:	240	Resp:	308978
Ion Ratio	Lower	Upper	
240	100		
120	9.2	9.0	13.6
236	25.7	20.7	31.1

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#78

Pyrene

Concen: 11.354 ng

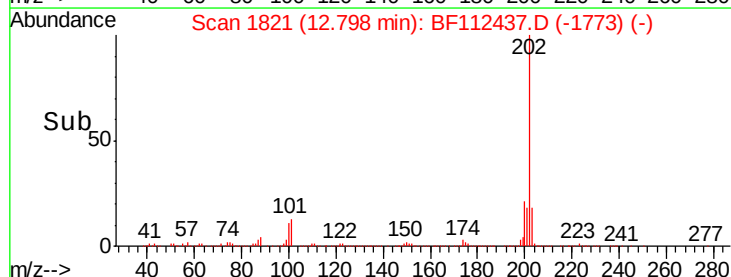
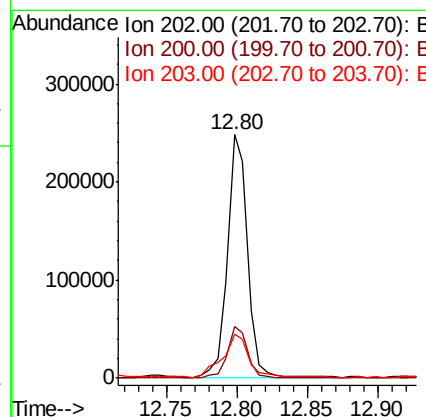
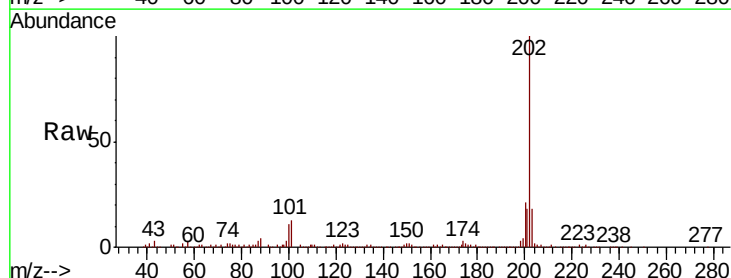
RT: 12.80 min Scan# 1821

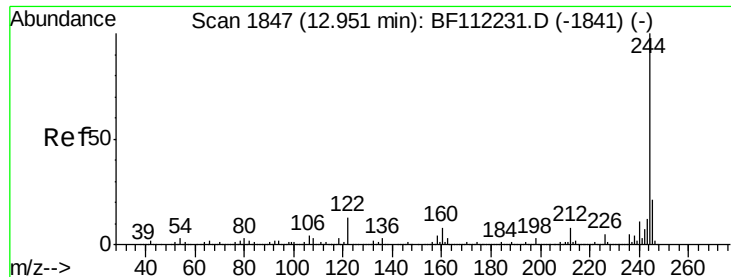
Delta R.T. -0.02 min

Lab File: BF112437.D

Acq: 7 Feb 2019 14:50

Tgt Ion:	202	Resp:	242882
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	18.3	14.6	22.0





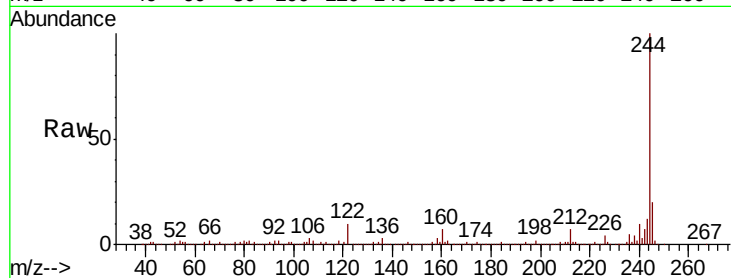
#79
 Terphenyl-d14
 Concen: 59.218 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112437.D
 Acq: 7 Feb 2019 14:50

Instrument :
 BNA_F
 ClientSampled :
 M-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.2	9.8	14.6

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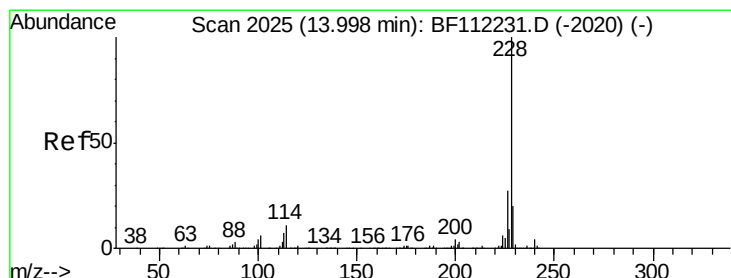
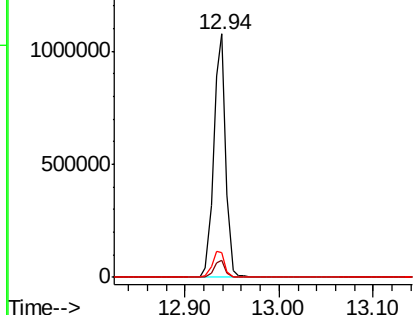
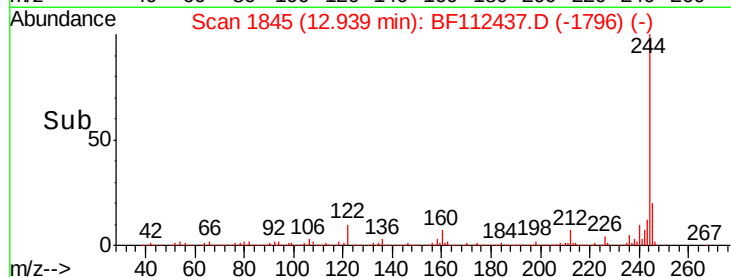


Abundance

Ion 244.00 (243.70 to 244.70): E

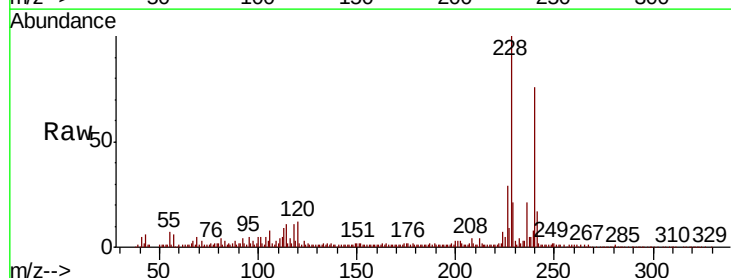
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81
 Benzo(a)anthracene
 Concen: 6.556 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF112437.D
 Acq: 7 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	34.0
229	21.4	16.5	24.7

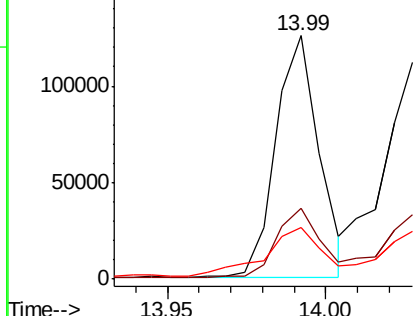
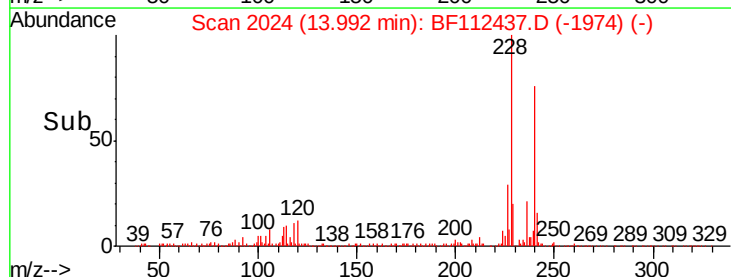


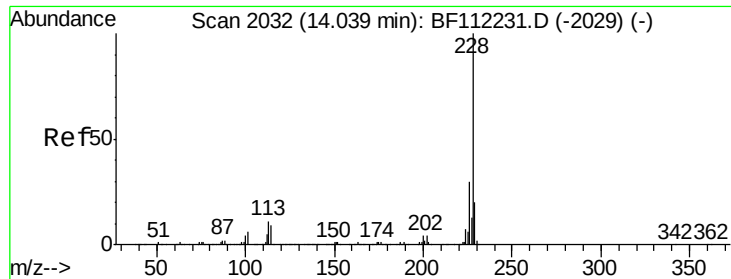
Abundance

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





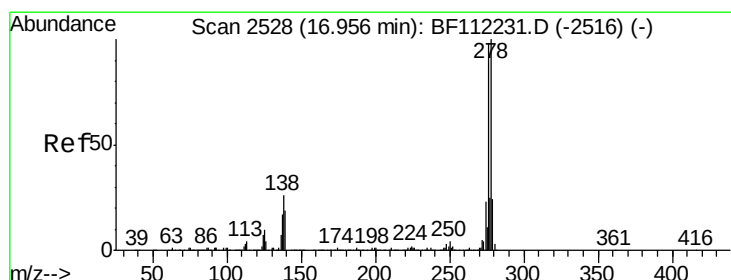
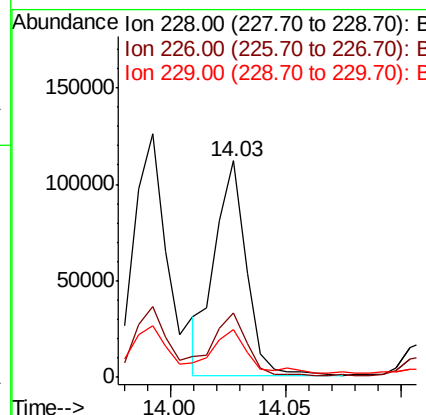
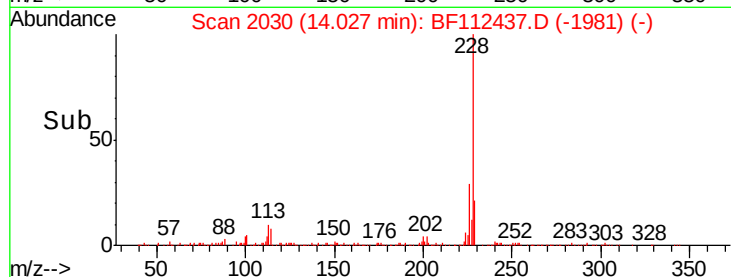
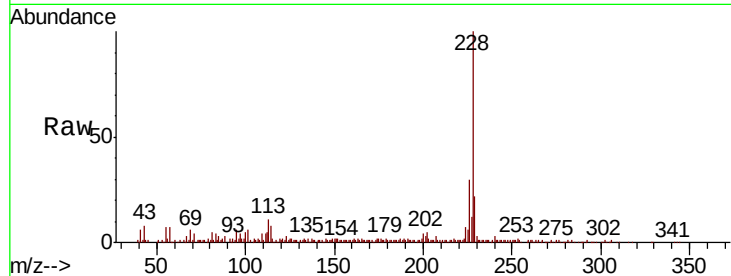
#83
Chrysene
Concen: 6.076 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
M-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.0	16.6	24.8

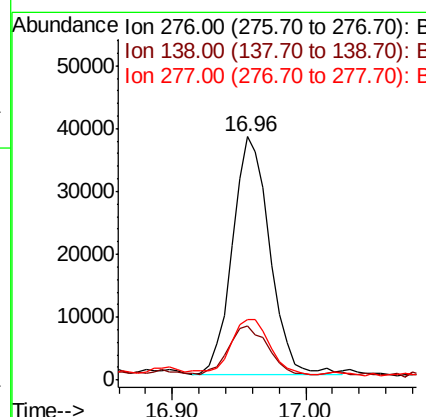
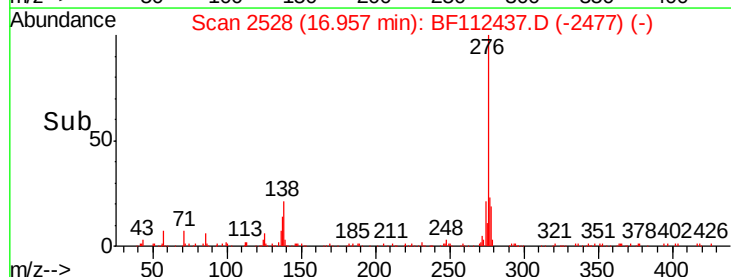
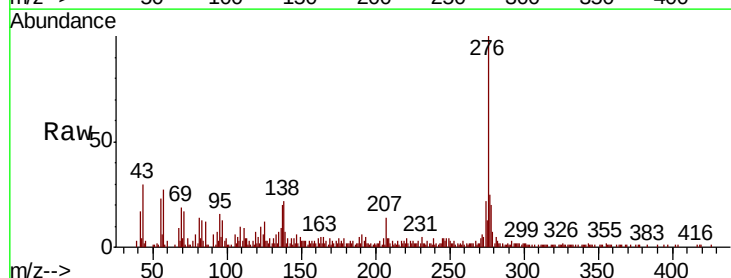
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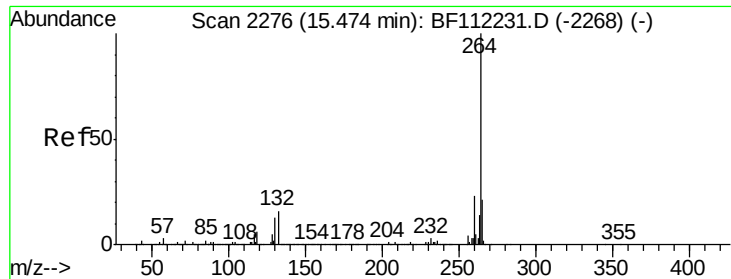
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.312 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.6	34.0#
277	23.9	20.3	30.5





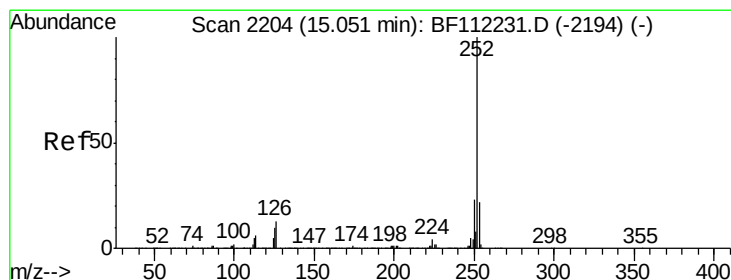
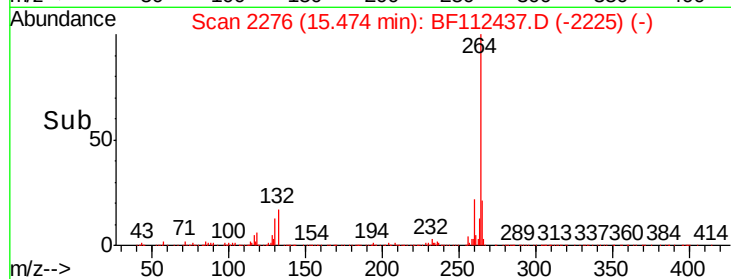
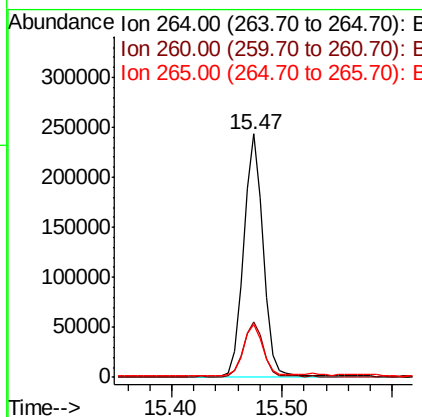
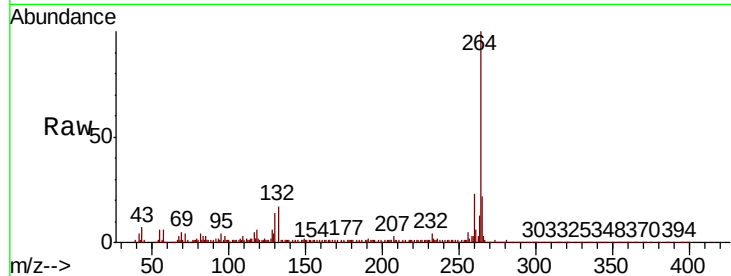
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
M-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.5	17.0	25.4

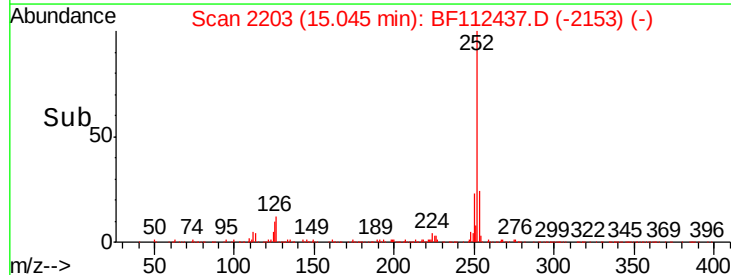
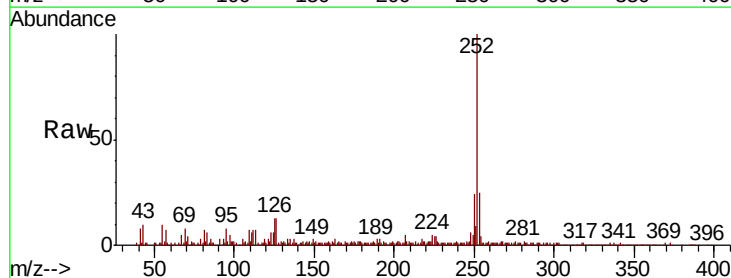
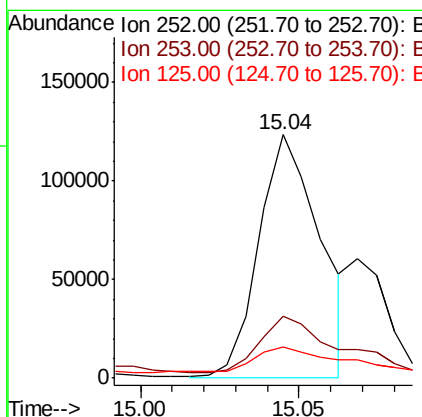
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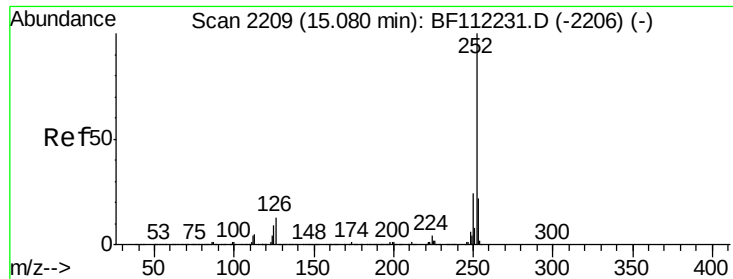
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#88
Benzo(b)fluoranthene
Concen: 9.284 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	12.8	8.7	13.1





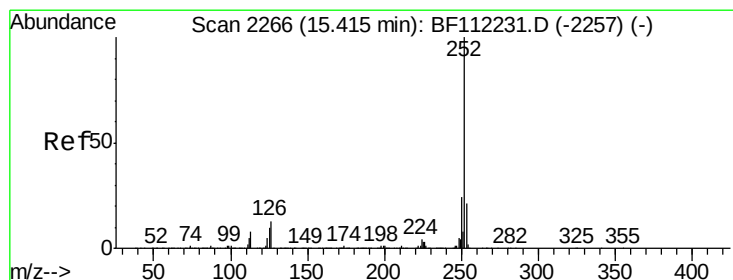
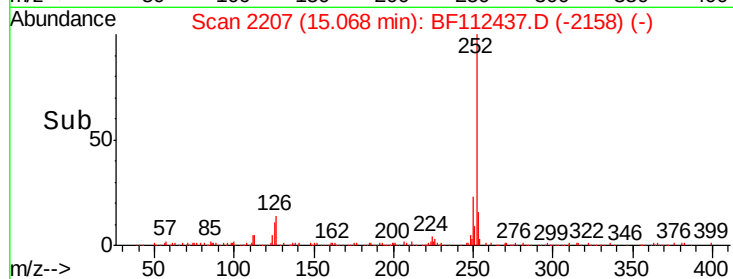
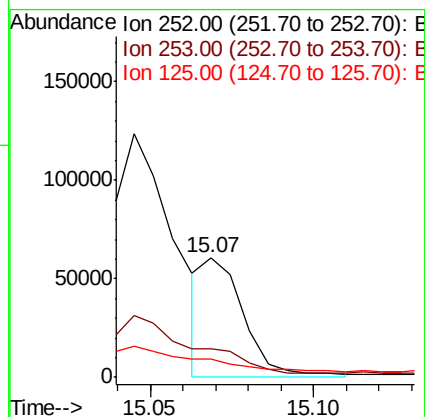
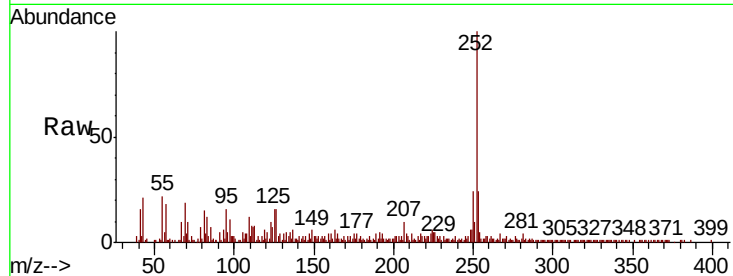
#89
Benzo(k)fluoranthene
Concen: 3.116 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
M-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	15.7	9.1	13.7

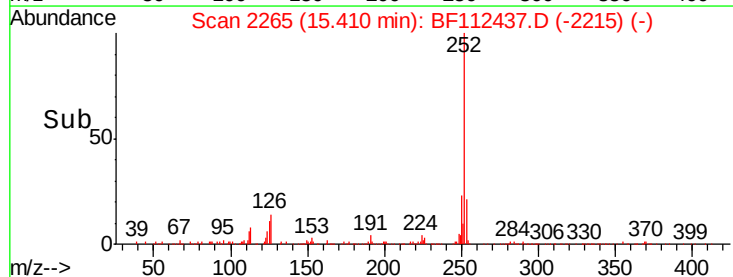
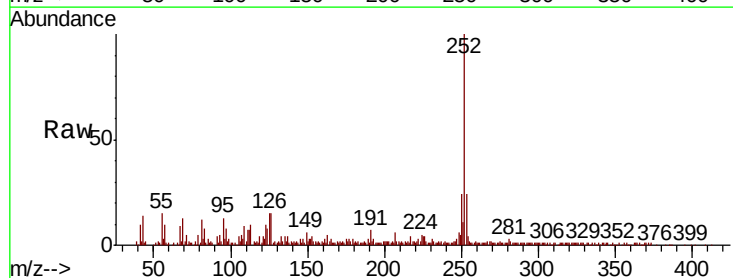
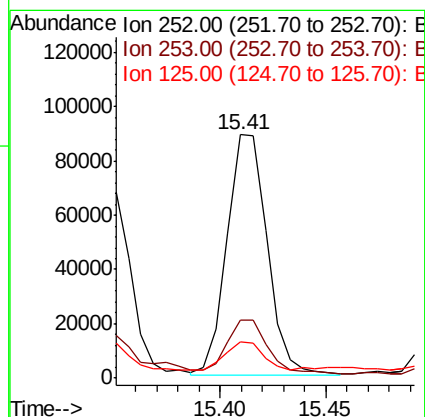
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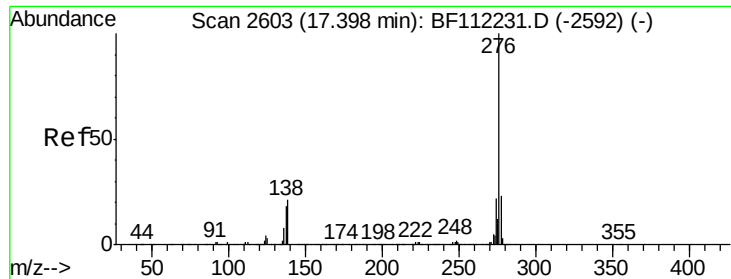
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#90
Benzo(a)pyrene
Concen: 7.215 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112437.D
Acq: 7 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	14.7	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 5.501 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. 0.01 min
 Lab File: BF112437.D
 Acq: 7 Feb 2019 14:50

Instrument :
 BNA_F
 ClientSampleId :
 M-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	23.2	19.1	28.7

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