

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112903.D
 Acq On : 7 Mar 2019 1:37
 Operator : JU/SJ
 Sample : K1705-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW009-022719

Manual Integrations
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Sohil
 3/7/2019 11:02:49 AM

Quant Time: Mar 07 05:36:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	220231	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	803743	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	339678	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	608757	20.00	ng	0.00
76) Chrysene-d12	13.86	240	589479	20.00	ng	-0.01
87) Perylene-d12	15.26	264	601111	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1550645	109.53	ng	0.00
7) Phenol-d6	6.37	99	1950706	109.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	1183164	88.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	447057	123.97	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1609277	76.43	ng	-0.01
79) Terphenyl-d14	12.82	244	1399512	46.02	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.48	163	156571	6.251	ng	99
71) Phenanthrene	11.26	178	247635	8.176	ng	97
75) Fluoranthene	12.44	202	326150	10.051	ng	98
78) Pyrene	12.67	202	268956	5.412	ng	98
81) Benzo(a)anthracene	13.85	228	131454	3.218	ng	99
83) Chrysene	13.89	228	135739	3.392	ng	98
88) Benzo(b)fluoranthene	14.87	252	148008m	3.807	ng	
90) Benzo(a)pyrene	15.20	252	104092	3.027	ng	98

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

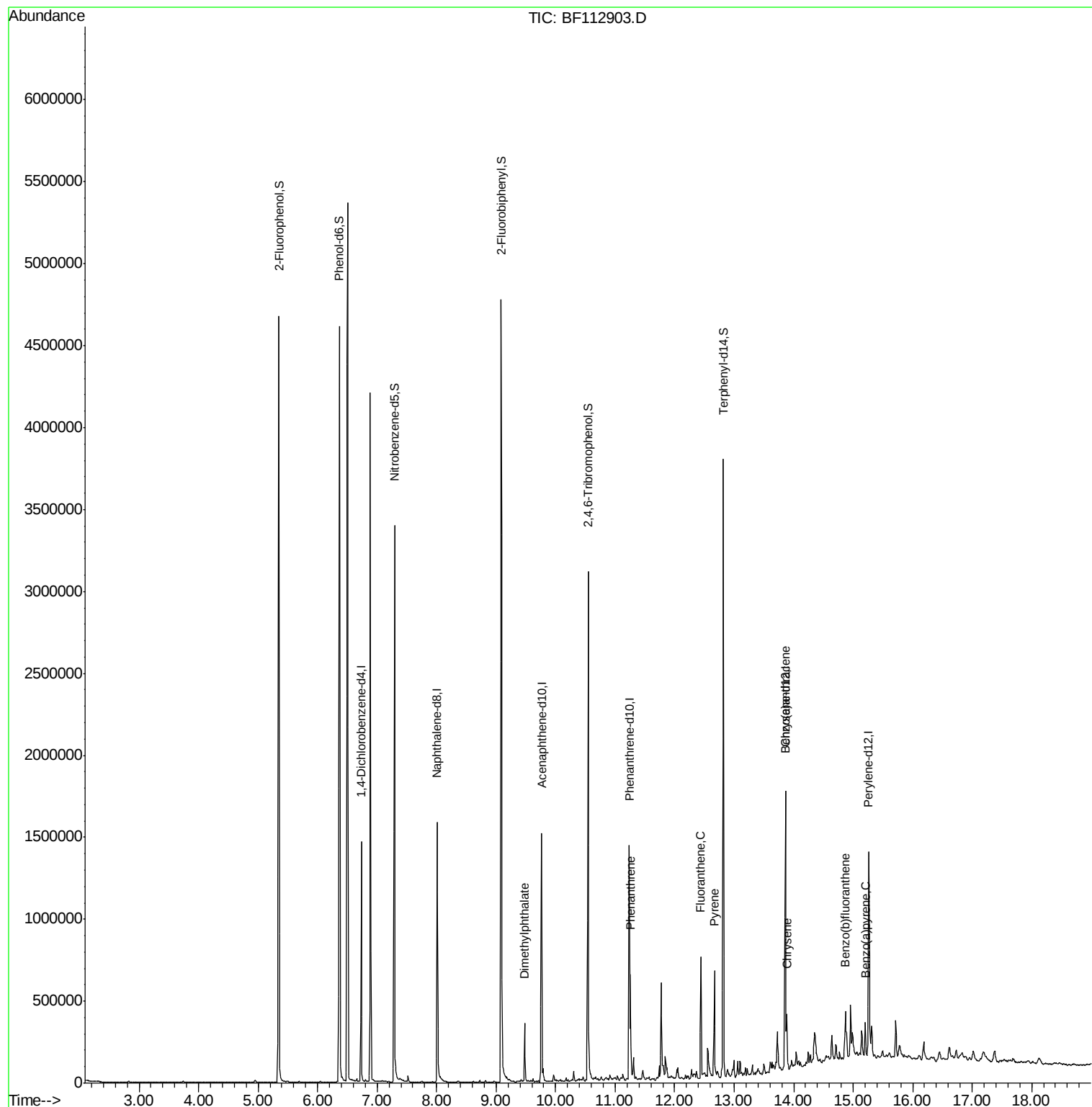
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
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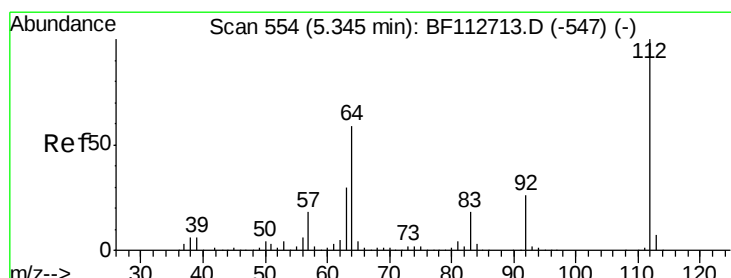
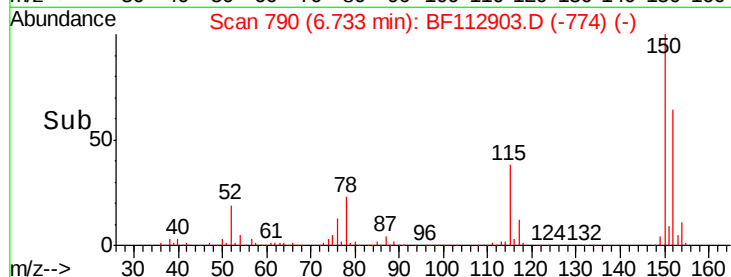
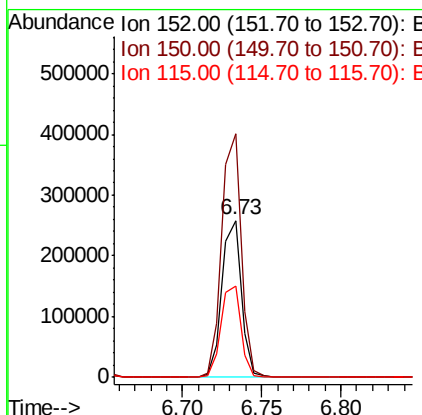
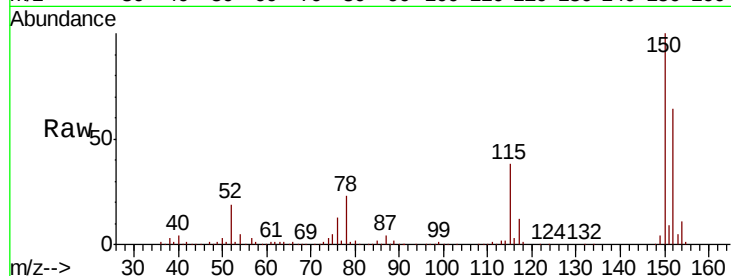
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF112903.D
 Acq: 7 Mar 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW009-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	58.3	48.2	72.4

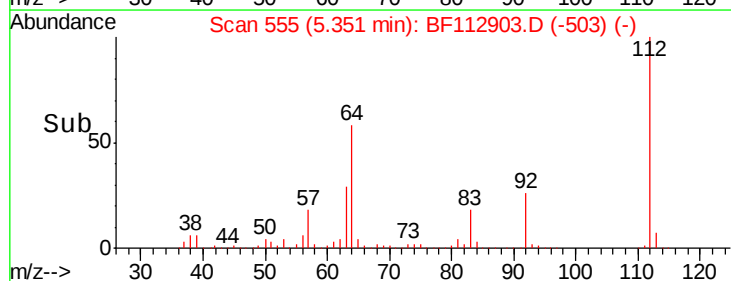
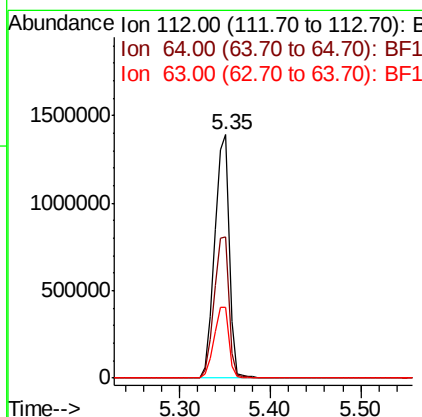
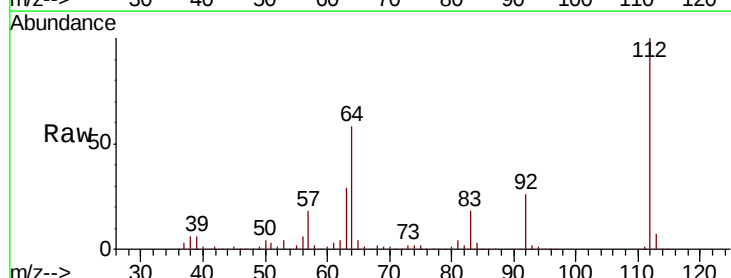
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#5
 2-Fluorophenol
 Concen: 109.526 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112903.D
 Acq: 7 Mar 2019 1:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.6	71.4
63	29.3	24.4	36.6





#7

Phenol-d6

Concen: 109.685 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112903.D

Acq: 7 Mar 2019 1:37

Instrument :

BNA_F

ClientSampleId :

EXT-028-SW009-022719

Tot Ion: 99 Resp: 1950706

Ion Ratio Lower Upper

99 100

42 18.8 16.3 24.5

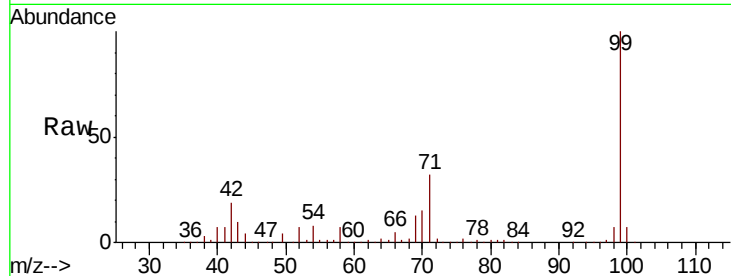
71 32.3 26.2 39.4

Manual Integrations

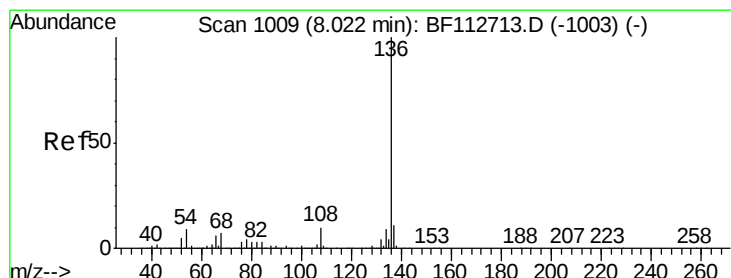
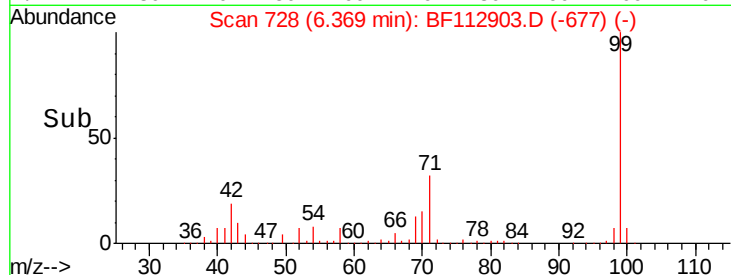
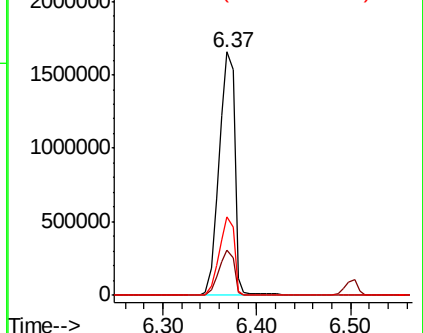
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112903.D

Acq: 7 Mar 2019 1:37

Tgt Ion: 136 Resp: 803743

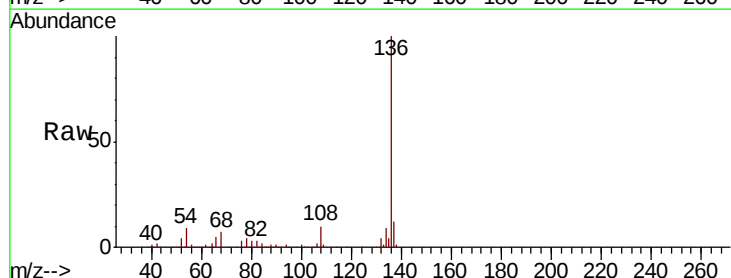
Ion Ratio Lower Upper

136 100

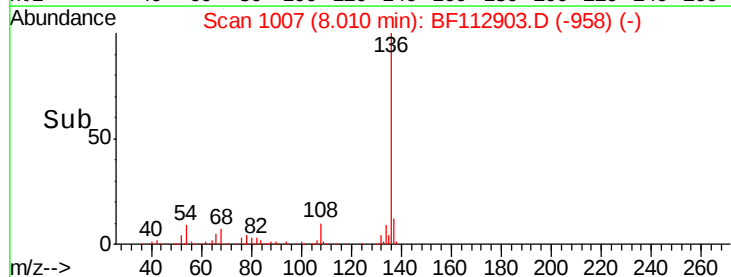
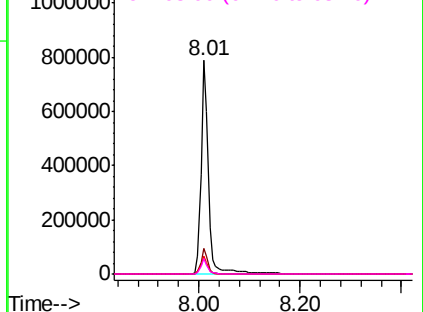
137 11.7 8.9 13.3

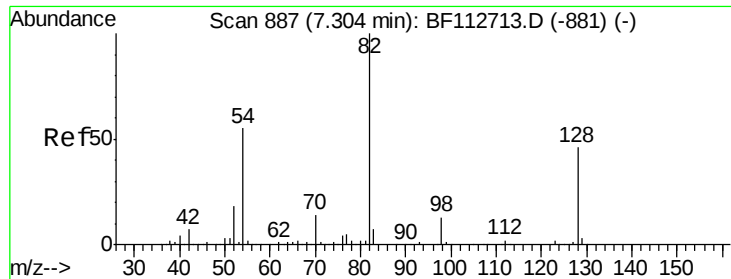
54 8.5 7.3 10.9

68 7.0 5.4 8.2



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





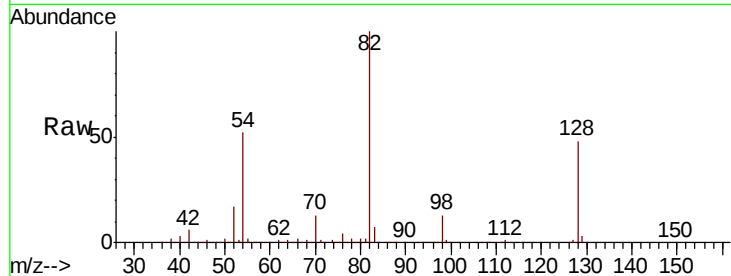
#23
Nitrobenzene-d5
Concen: 88.085 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW009-022719

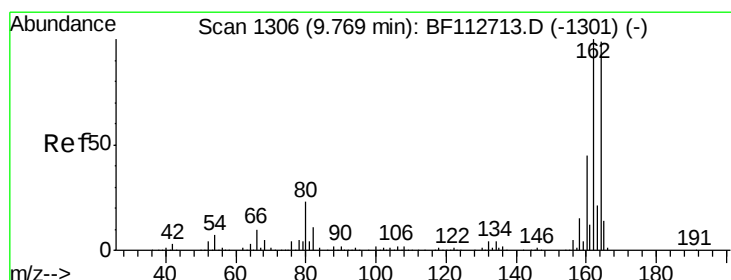
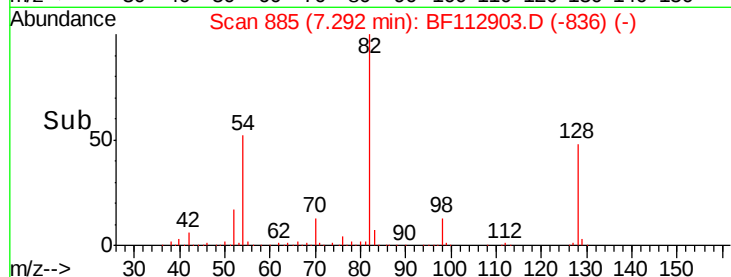
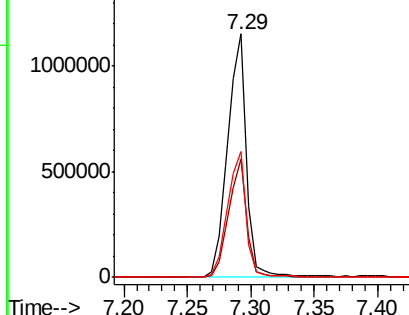
Tot Ion: 82 Resp: 1183164
Ion Ratio Lower Upper
82 100
128 48.5 36.3 54.5
54 51.8 43.7 65.5

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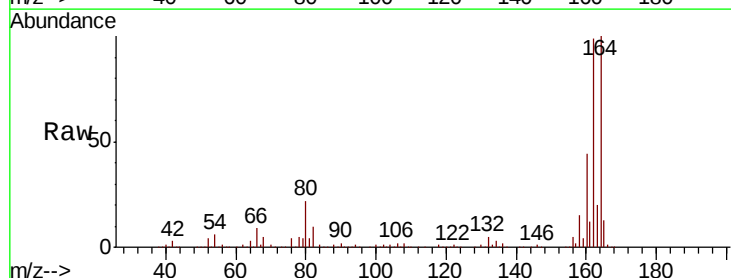


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

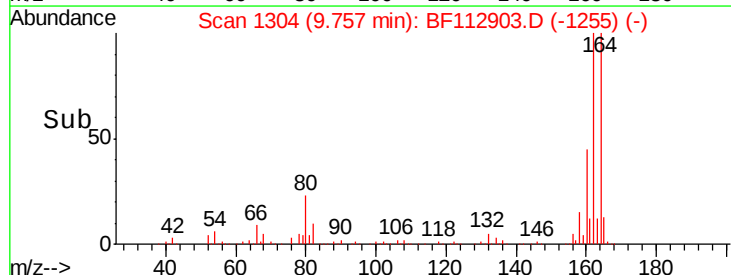
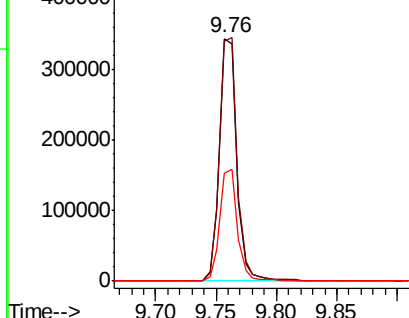


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Tgt Ion: 164 Resp: 339678
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 44.3 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





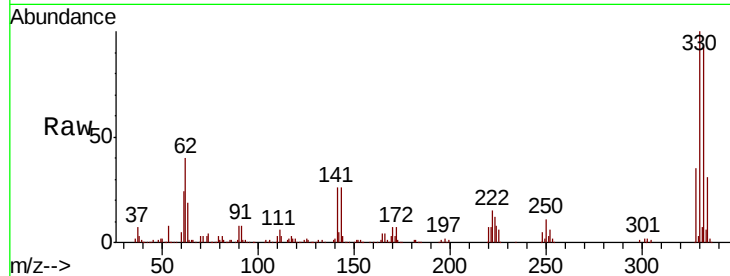
#42
 2,4,6-Tribromophenol
 Concen: 123.972 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112903.D
 Acq: 7 Mar 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW009-022719

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	28.1	27.0	40.6

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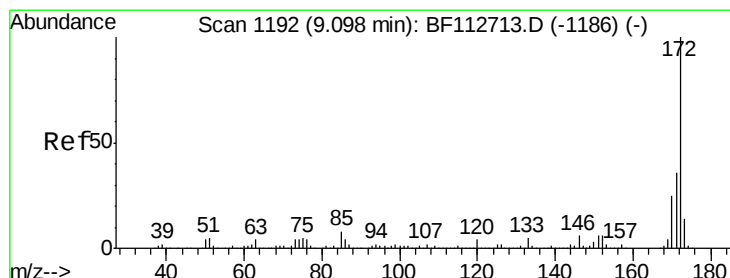
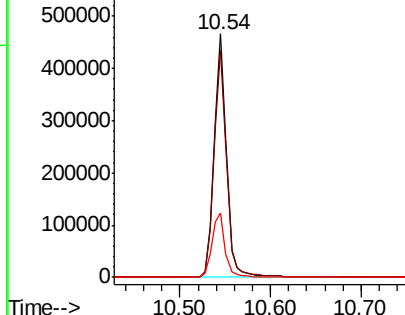
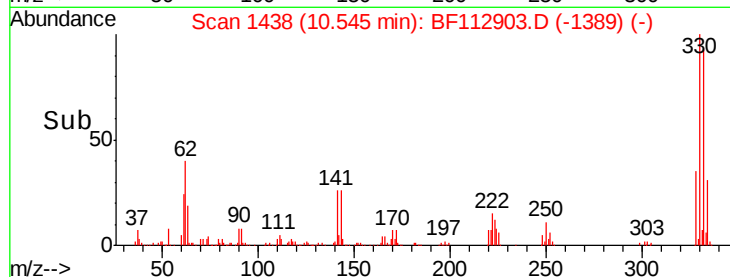


Abundance

Ion 329.80 (329.50 to 330.50): E

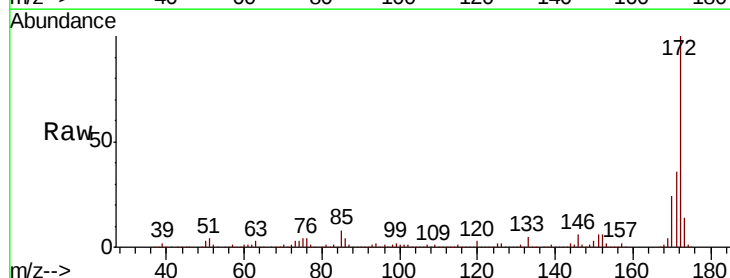
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.433 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112903.D
 Acq: 7 Mar 2019 1:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.5	20.0	30.0

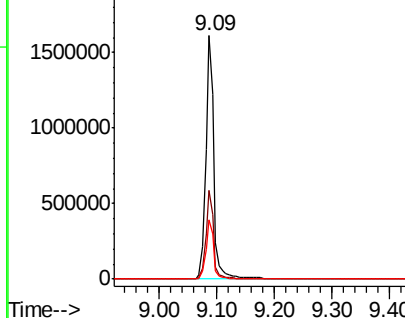
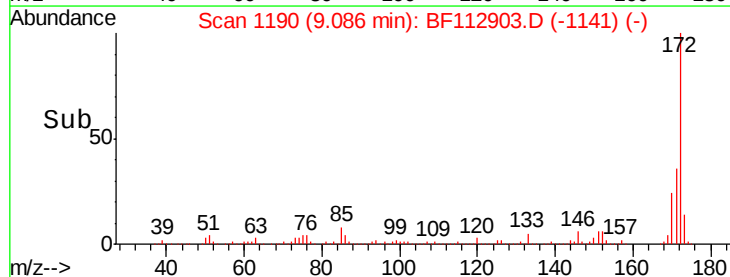


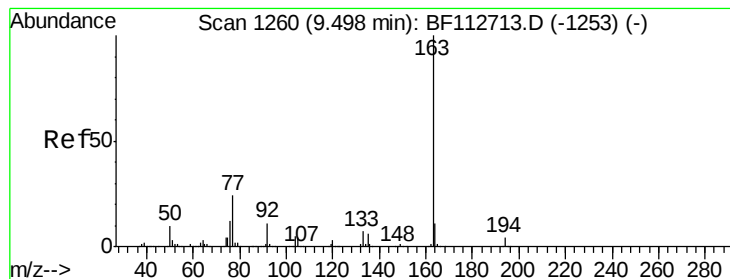
Abundance

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: 6.251 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF112903.D

Acq: 7 Mar 2019 1:37

Instrument :

BNA_F

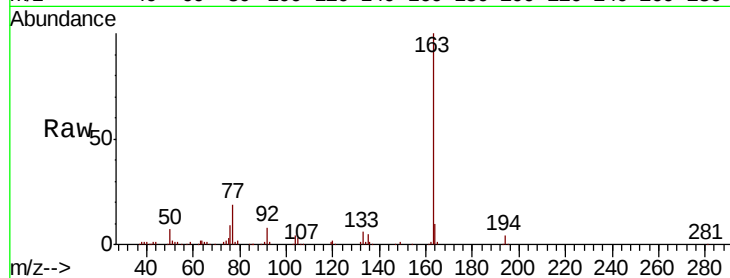
ClientSampleId :

EXT-028-SW009-022719

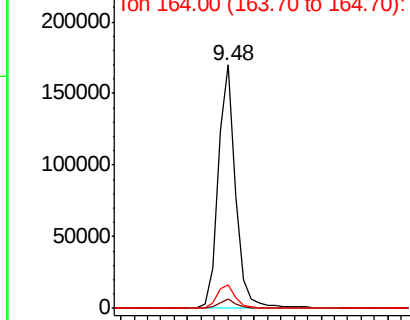
Tot Ion:	163	Resp:	156571
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.4
164	9.8	8.4	12.6

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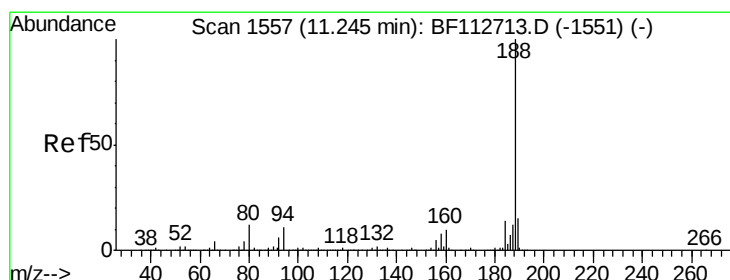
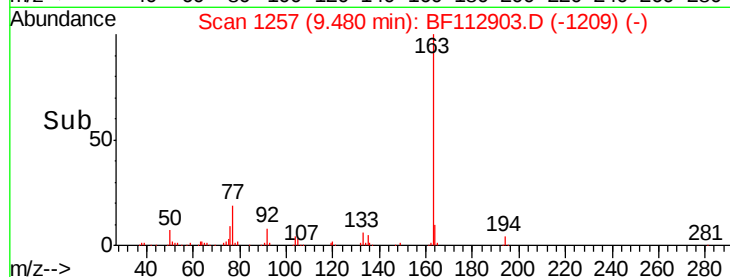
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

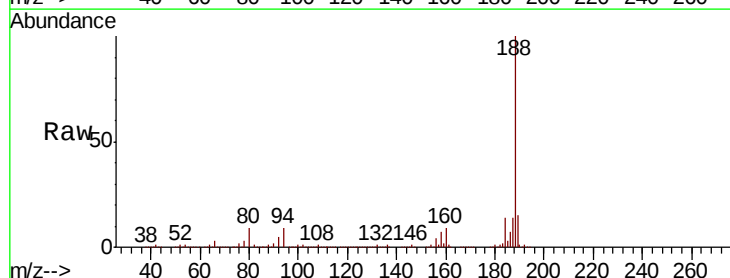
RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

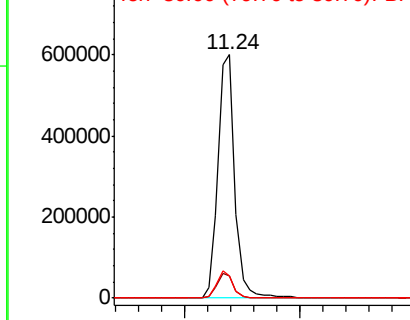
Lab File: BF112903.D

Acq: 7 Mar 2019 1:37

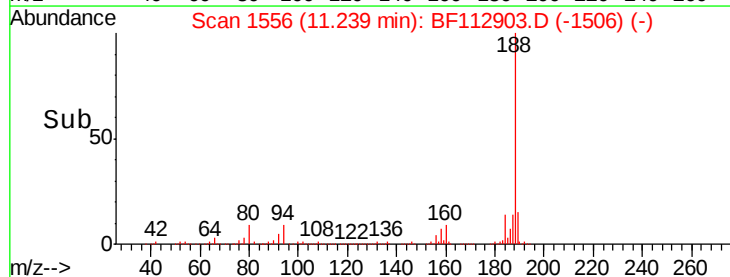
Tgt Ion:	188	Resp:	608757
Ion Ratio	Lower	Upper	
188	100		
94	9.0	9.0	13.4
80	9.3	9.2	13.8

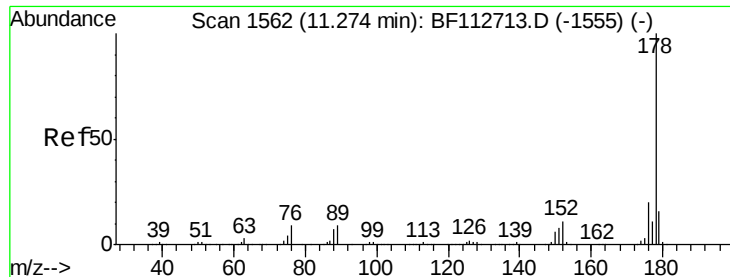


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



Time-->





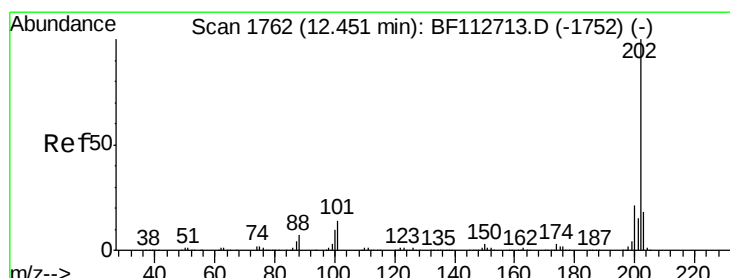
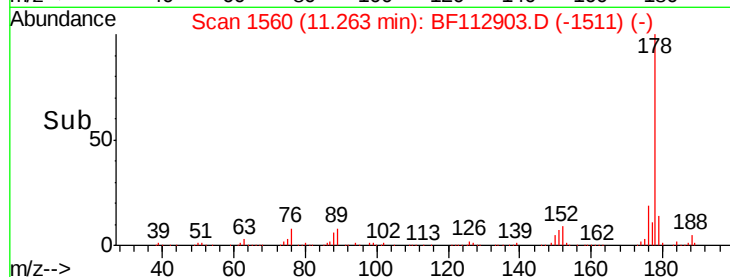
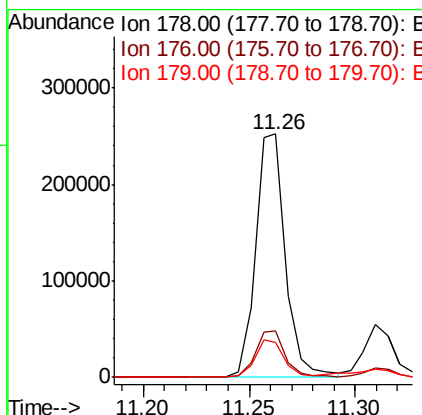
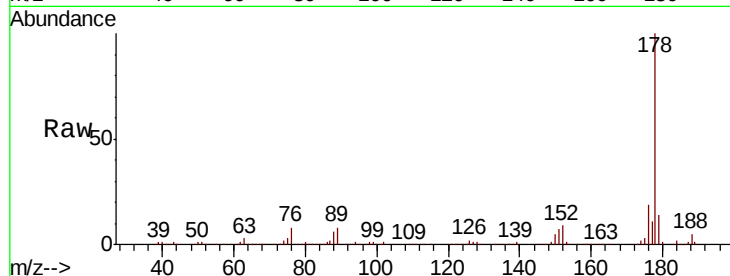
#71
Phenanthrene
Concen: 8.176 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW009-022719

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	14.3	12.7	19.1

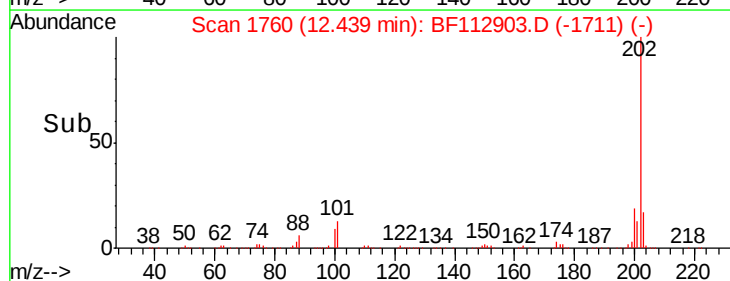
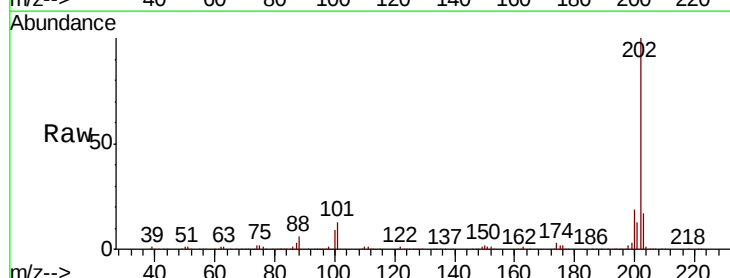
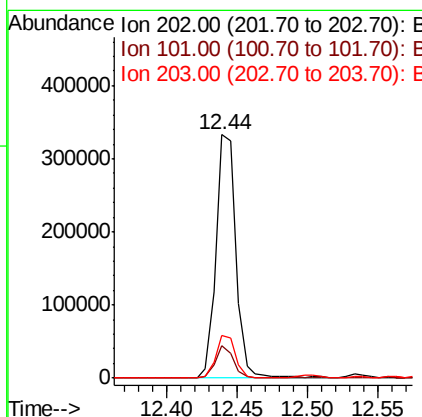
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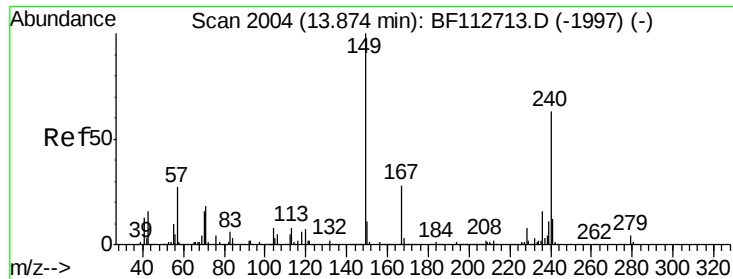
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#75
Fluoranthene
Concen: 10.051 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.8
203	17.5	0.0	38.4





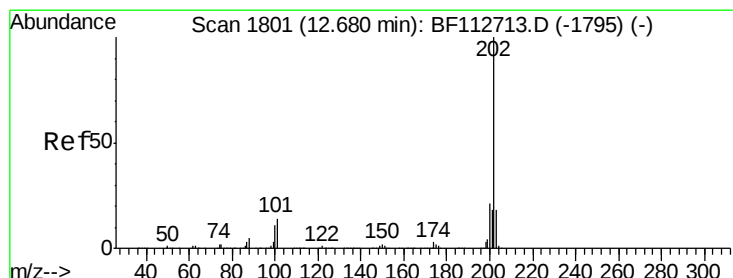
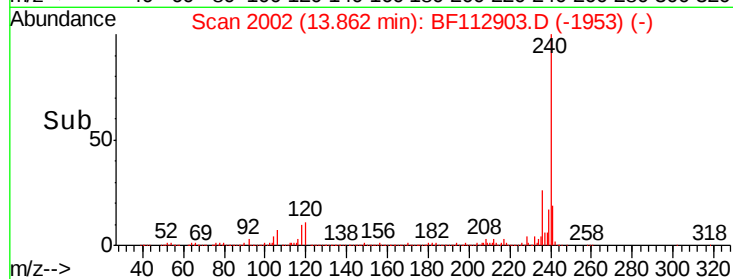
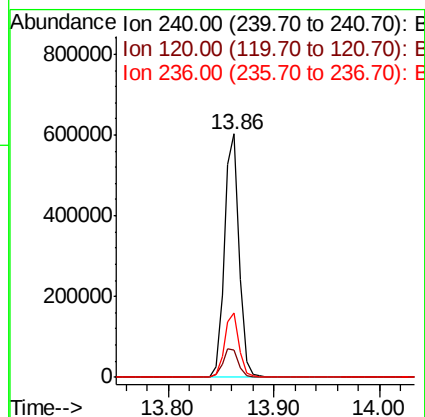
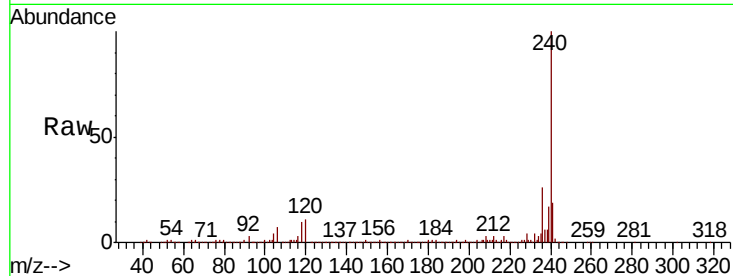
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW009-022719

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.2	20.7	31.1

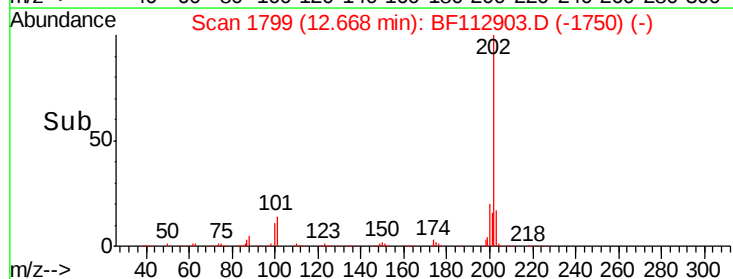
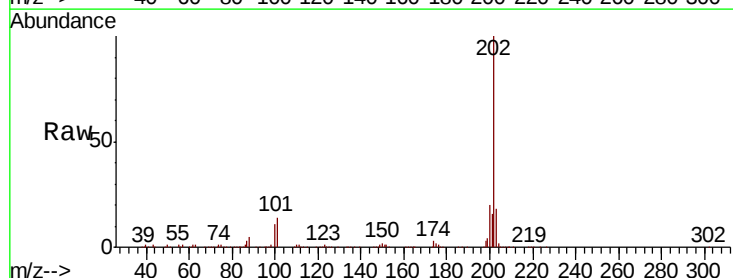
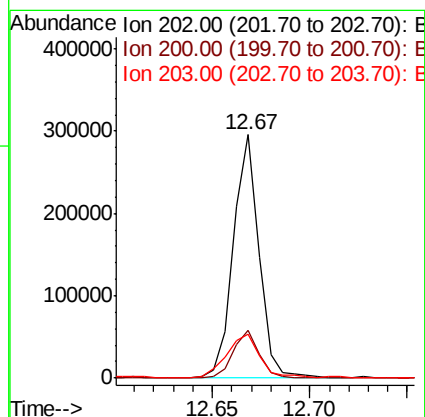
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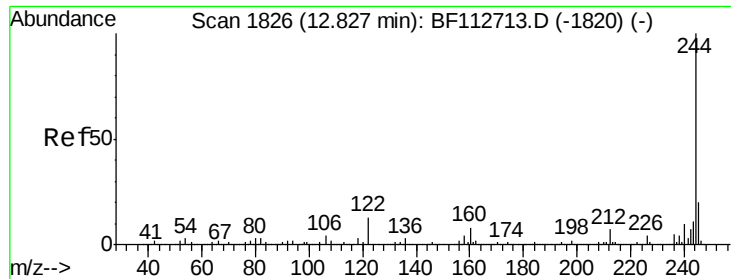
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#78
Pyrene
Concen: 5.412 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	17.8	14.4	21.6





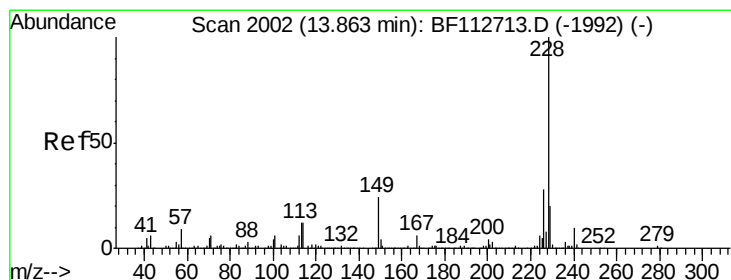
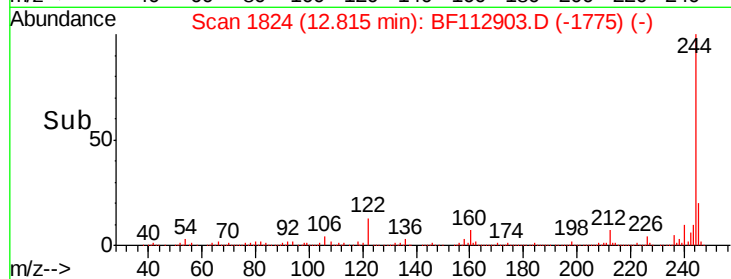
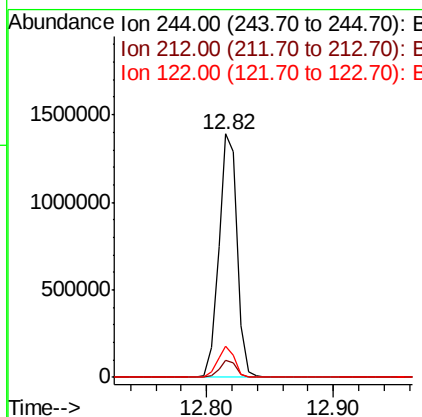
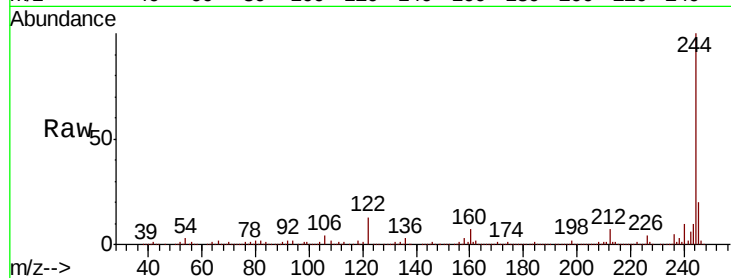
#79
 Terphenyl-d14
 Concen: 46.023 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112903.D
 Acq: 7 Mar 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 EXT-028-SW009-022719

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	12.6	10.5	15.7

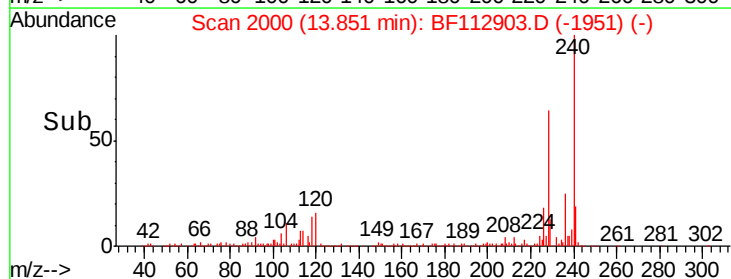
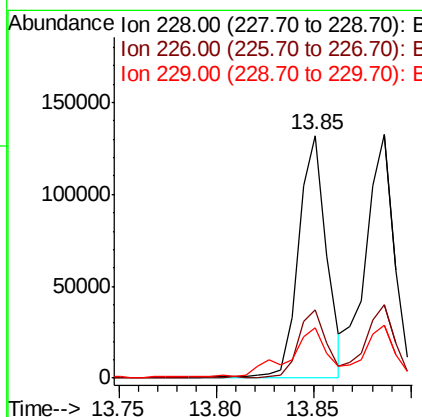
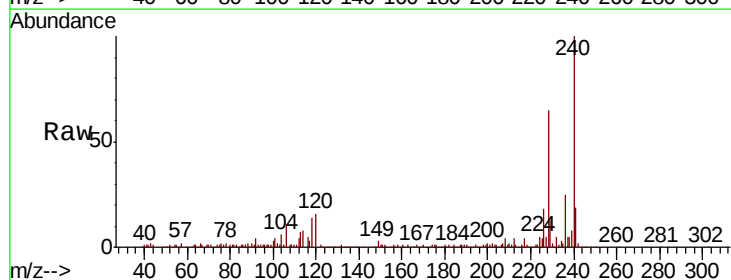
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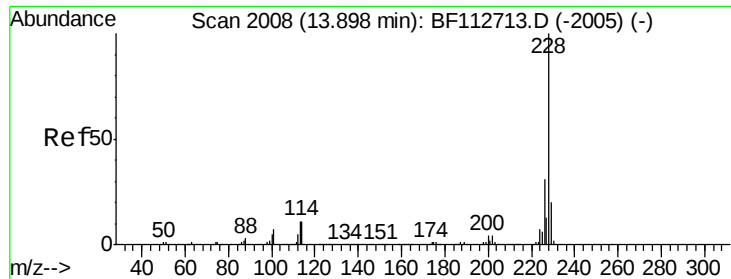
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#81
 Benzo(a)anthracene
 Concen: 3.218 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF112903.D
 Acq: 7 Mar 2019 1:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.6	16.0	24.0





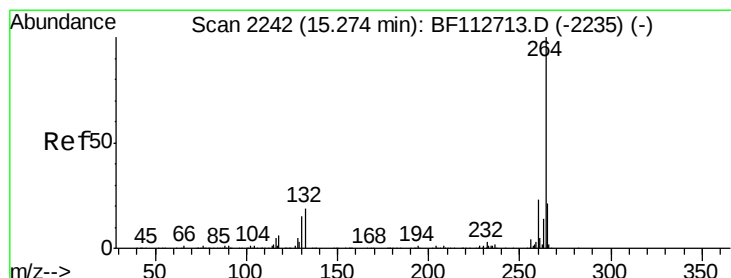
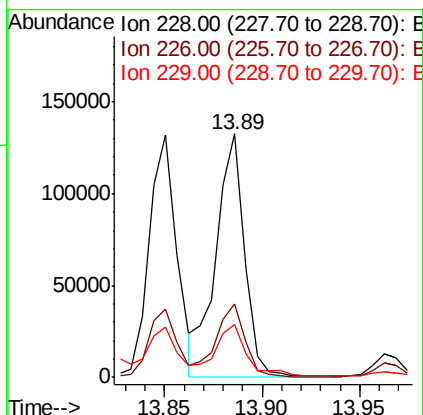
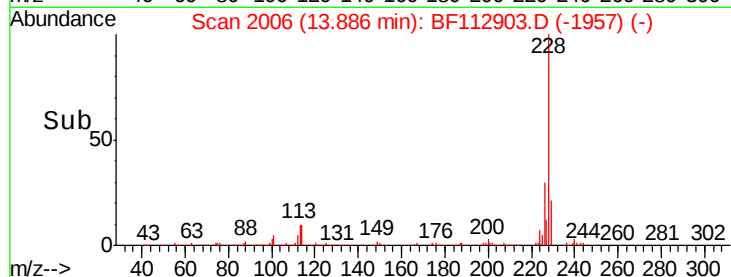
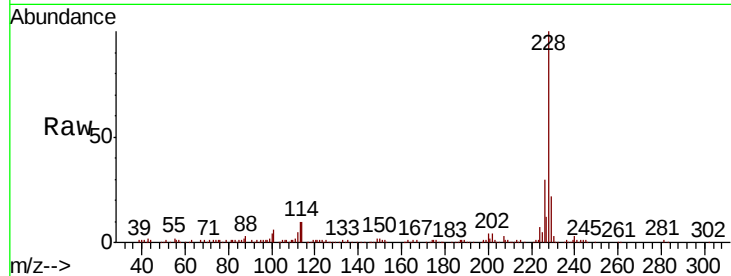
#83
Chrysene
Concen: 3.392 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW009-022719

Tot Ion:	228	Resp:	135739
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	21.5	16.3	24.5

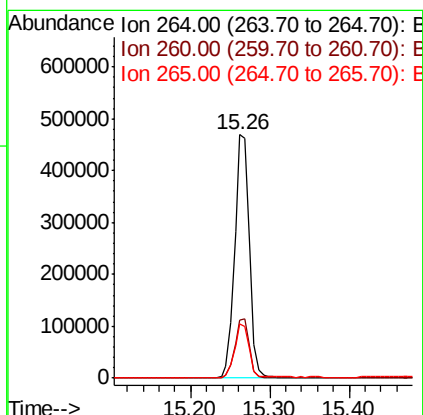
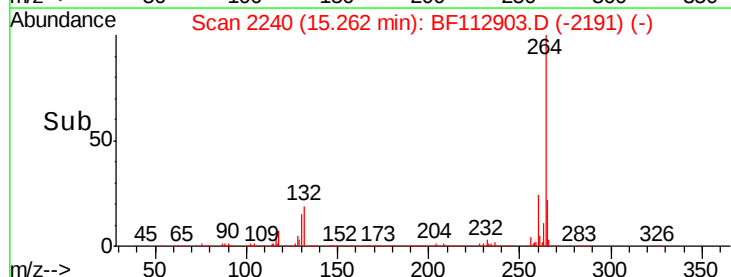
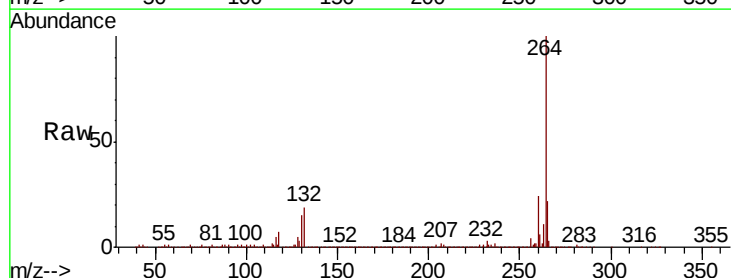
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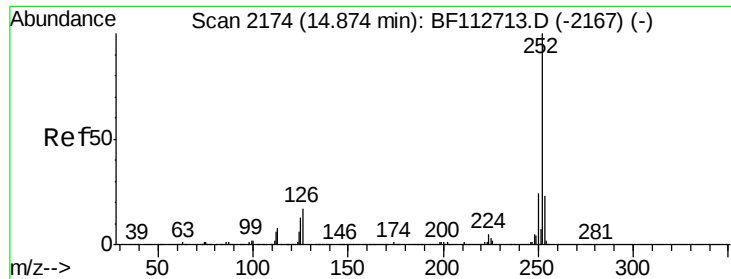
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Tgt Ion:	264	Resp:	601111
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	22.0	17.2	25.8





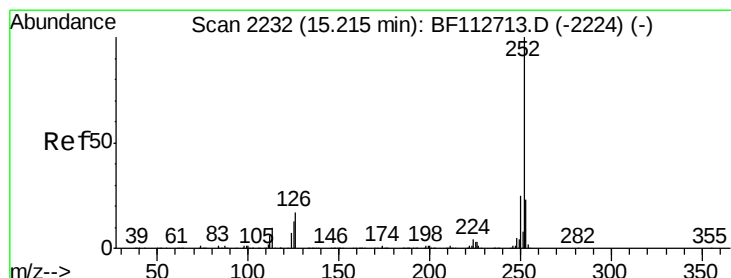
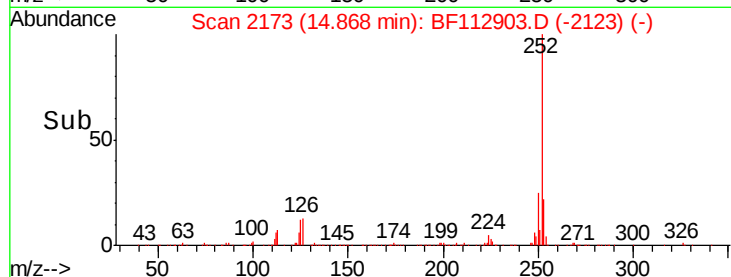
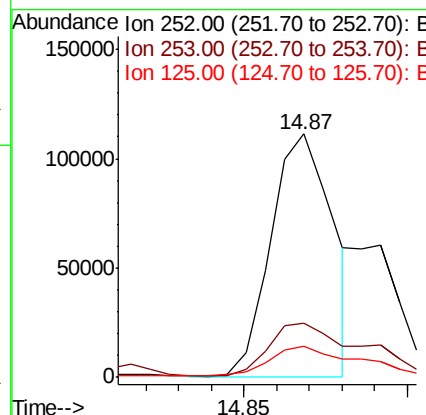
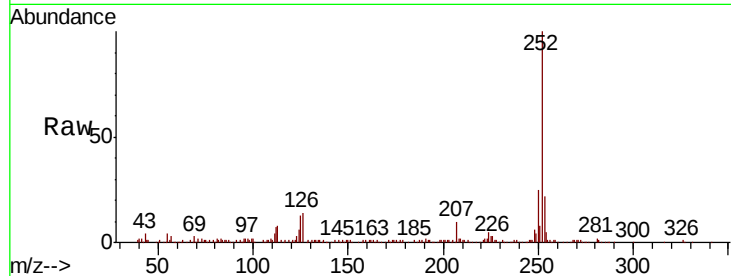
#88
Benzo(b)fluoranthene
Concen: 3.807 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Instrument :
BNA_F
ClientSampleId :
EXT-028-SW009-022719

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.7	10.2	15.2

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 3.027 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF112903.D
Acq: 7 Mar 2019 1:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.9	10.7	16.1

