

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112862.D
 Acq On : 5 Mar 2019 19:50
 Operator : JU/SJ
 Sample : K1705-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/6/2019 12:24:29 PM

Quant Time: Mar 06 03:53:31 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	6.74	152	174881	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	674296	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	317280	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	596150	20.00	ng	0.00
76) Chrysene-d12	13.87	240	460944	20.00	ng	0.00
87) Perylene-d12	15.28	264	484311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1244381	110.69	ng	0.00
7) Phenol-d6	6.38	99	1609376	113.96	ng	0.01
23) Nitrobenzene-d5	7.30	82	1000375	88.77	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	448953	133.29	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1478750	74.82	ng	0.00
79) Terphenyl-d14	12.83	244	1250957	52.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	147164	6.290	ng	99
71) Phenanthrene	11.27	178	238305	8.034	ng	98
75) Fluoranthene	12.45	202	281061	8.844	ng	96
78) Pyrene	12.68	202	225827	5.811	ng	99
81) Benzo(a)anthracene	13.86	228	110669	3.464	ng	96
83) Chrysene	13.90	228	95301	3.045	ng	96
88) Benzo(b)fluoranthene	14.88	252	122376m	3.906	ng	
90) Benzo(a)pyrene	15.22	252	84789	3.060	ng	98

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

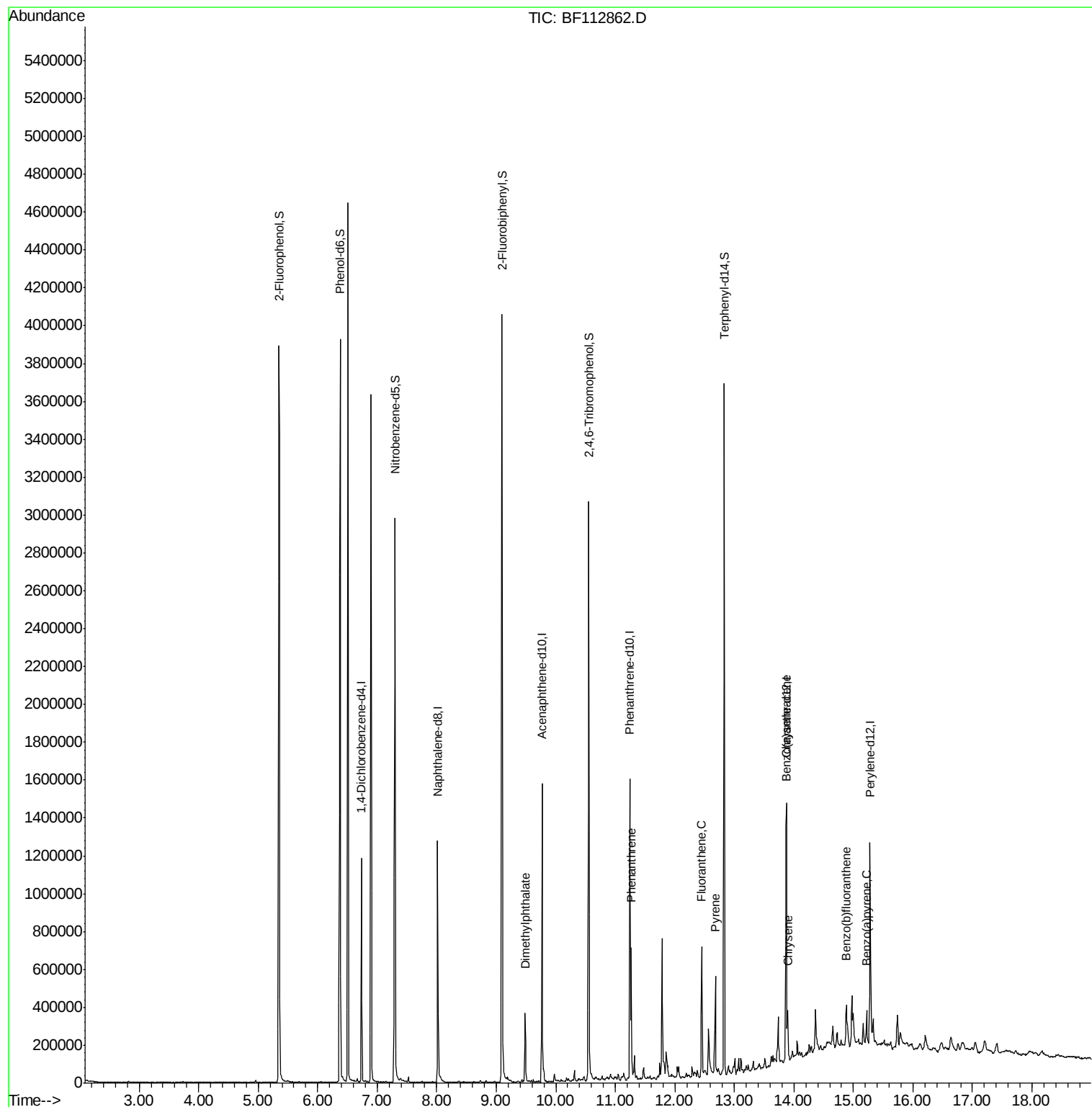
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112862.D
Acq On : 5 Mar 2019 19:50
Operator : JU/SJ
Sample : K1705-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

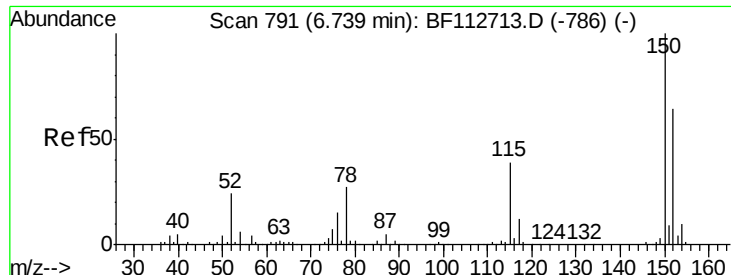
Instrument :
BNA_F
ClientSampleId :
EXT-028-SW009-022719

Manual Integrations
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3/6/2019 12:24:29 PM

Quant Time: Mar 06 03:53:31 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





#1

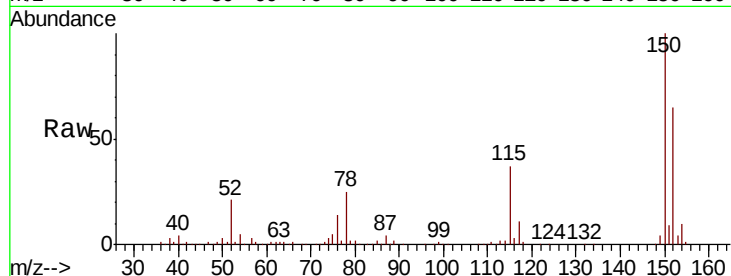
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.2	186.2
115	56.6	48.2	72.4

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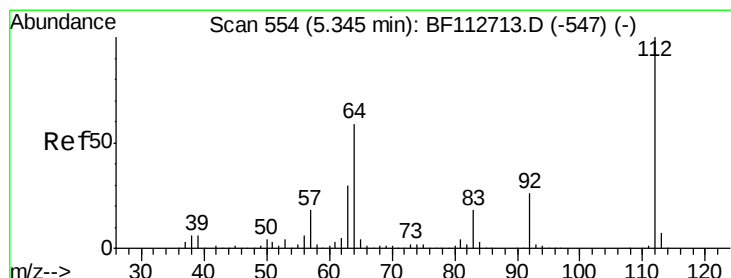
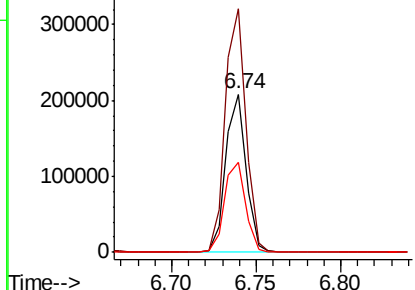
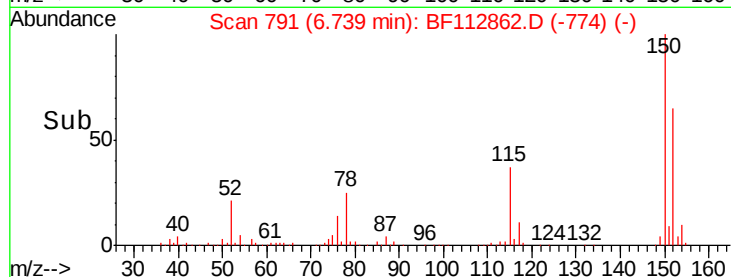


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

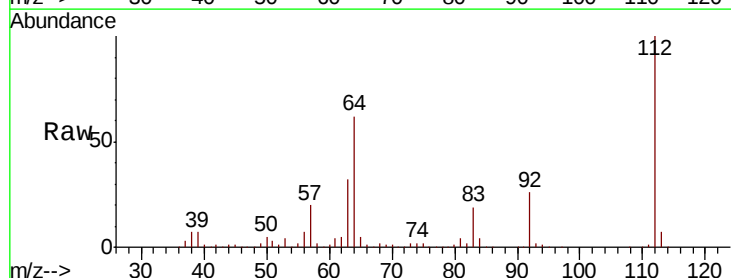
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.686 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.6	71.4
63	32.5	24.4	36.6

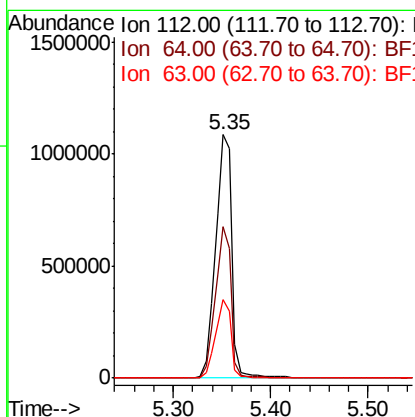
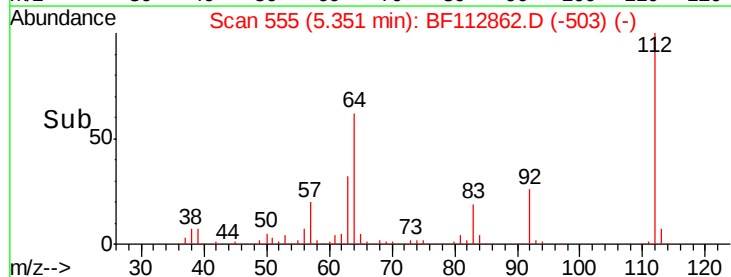


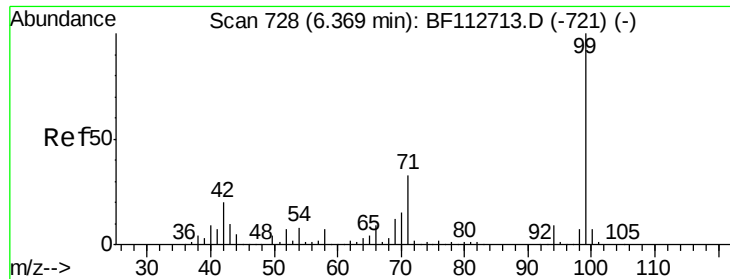
Abundance

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: 113.960 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112862.D

Acq: 5 Mar 2019 19:50

Instrument :

BNA_F

ClientSampleId :

EXT-028-SW009-022719

Tot Ion: 99 Resp: 1609376

Ion Ratio Lower Upper

99 100

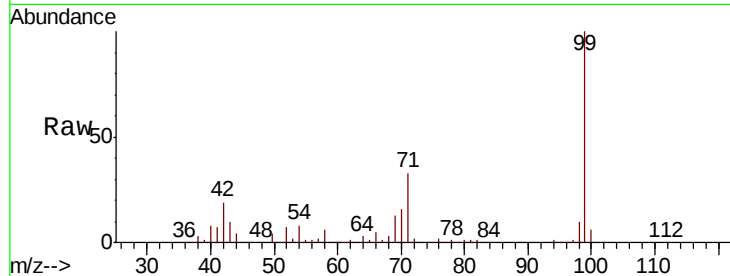
42 19.0 16.3 24.5

71 32.7 26.2 39.4

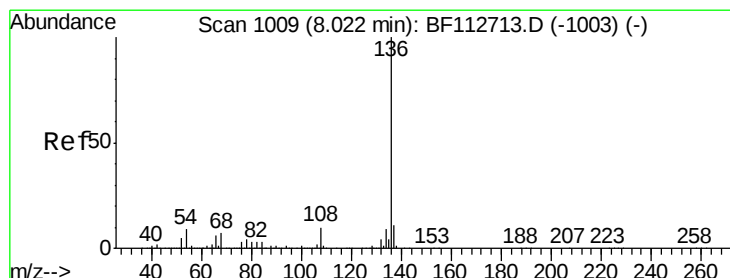
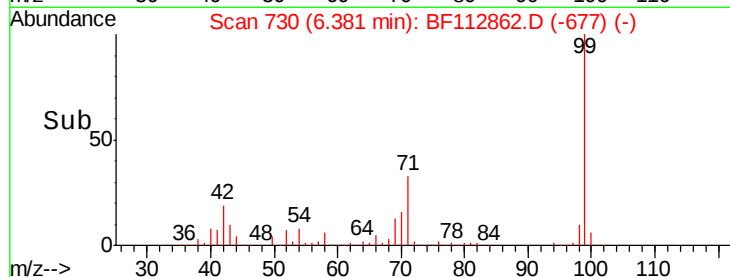
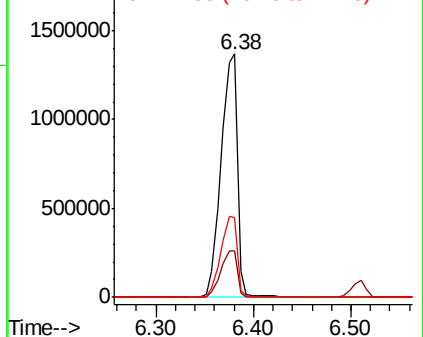
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112862.D

Acq: 5 Mar 2019 19:50

Tgt Ion: 136 Resp: 674296

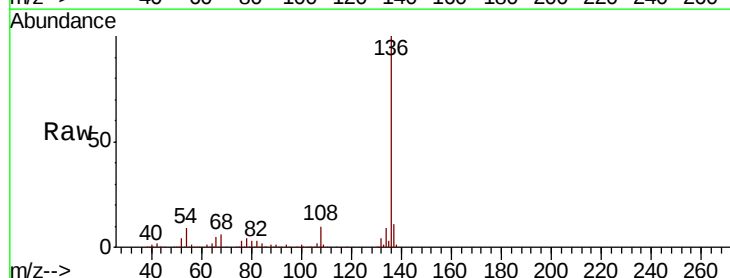
Ion Ratio Lower Upper

136 100

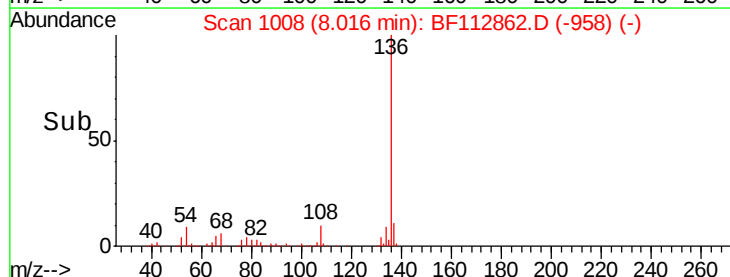
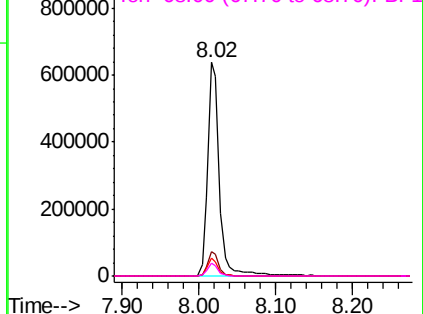
137 11.2 8.9 13.3

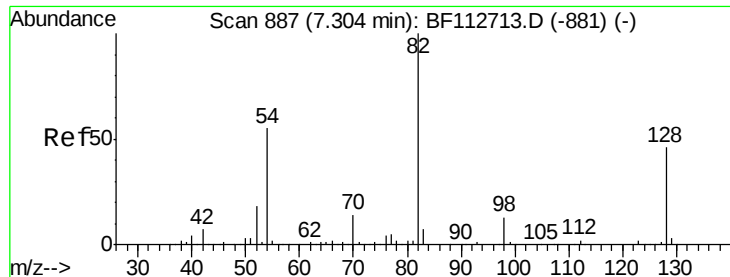
54 8.6 7.3 10.9

68 5.9 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





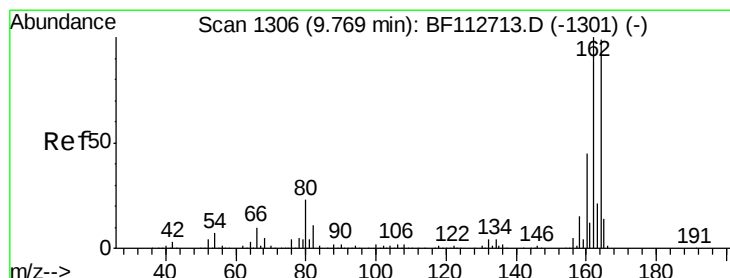
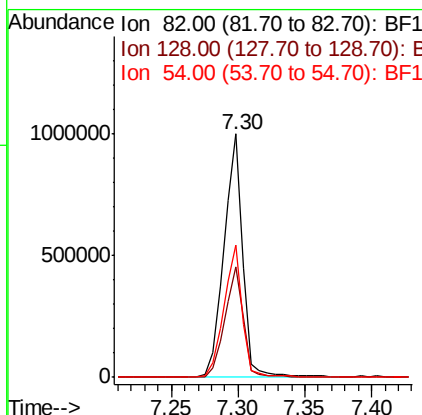
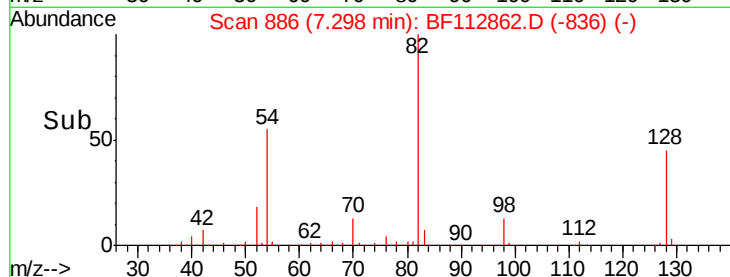
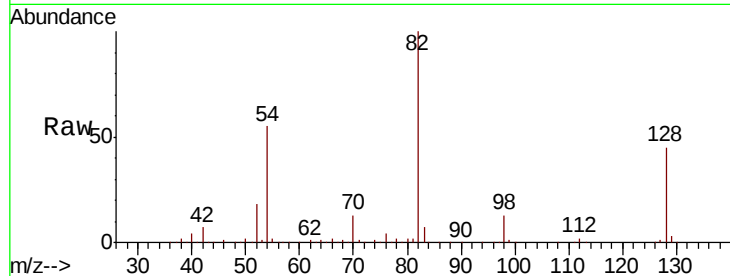
#23
Nitrobenzene-d5
Concen: 88.775 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

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

Tot Ion: 82 Resp: 1000375
Ion Ratio Lower Upper
82 100
128 45.4 36.3 54.5
54 54.6 43.7 65.5

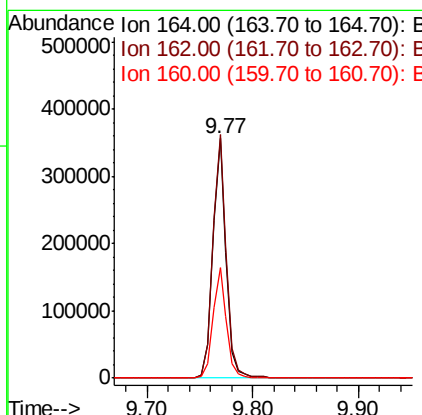
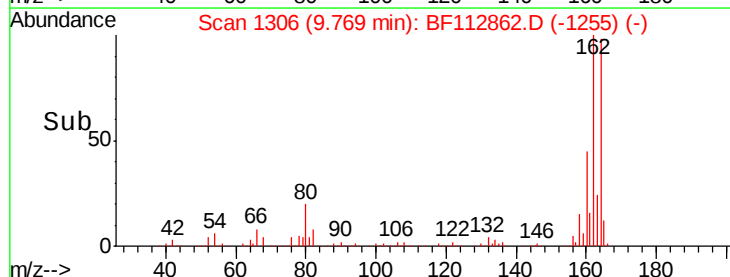
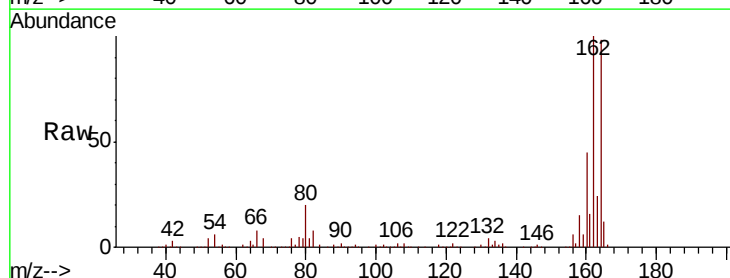
Manual Integrations
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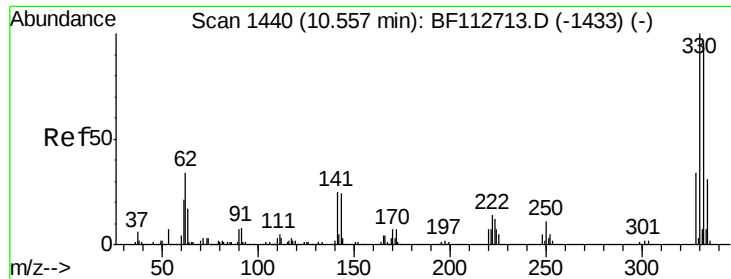
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

Tgt Ion:164 Resp: 317280
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 46.0 36.0 54.0





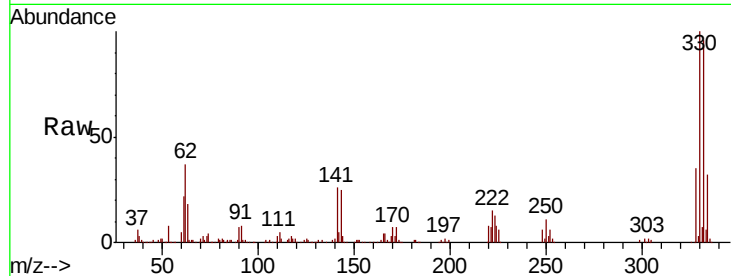
#42
 2,4,6-Tribromophenol
 Concen: 133.287 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112862.D
 Acq: 5 Mar 2019 19:50

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	29.4	27.0	40.6

Manual Integrations
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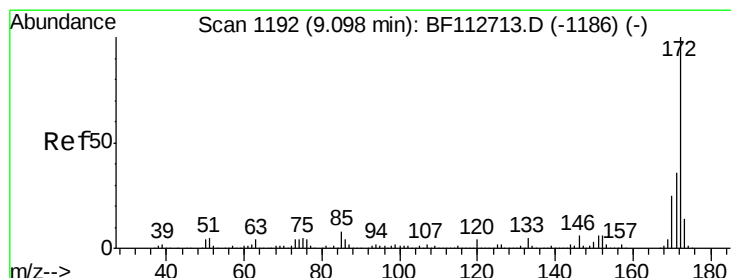
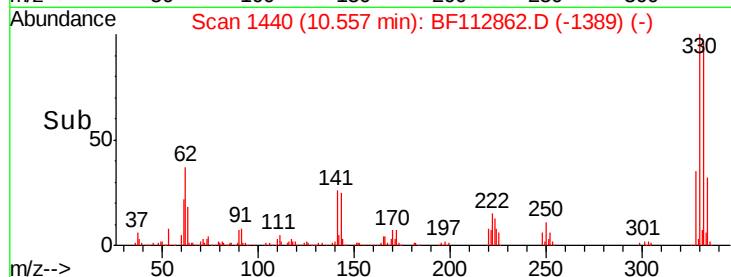
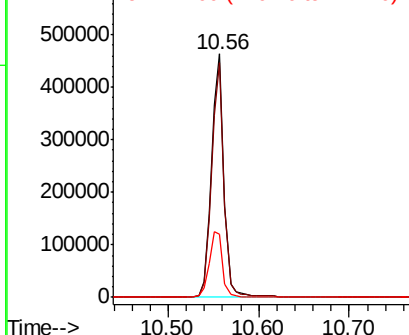


Abundance

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: 74.816 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112862.D
 Acq: 5 Mar 2019 19:50

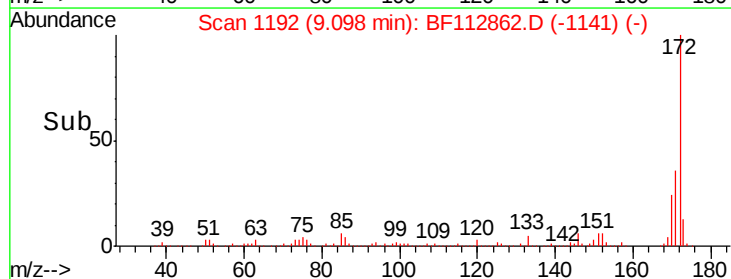
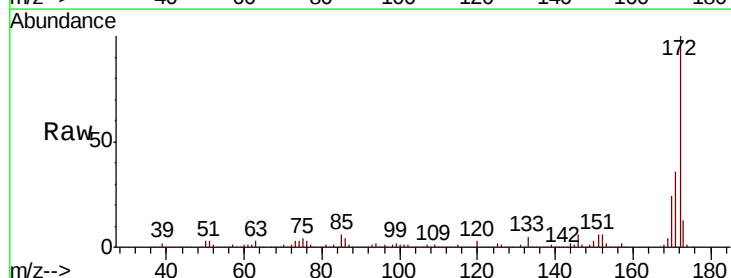
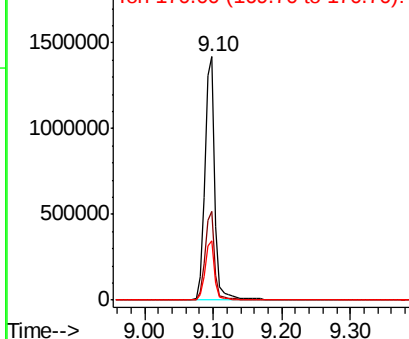
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.5	20.0	30.0

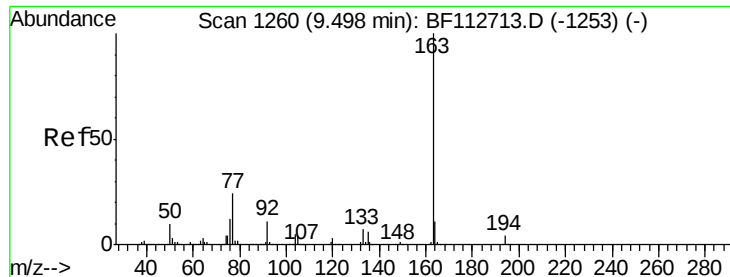
Abundance

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





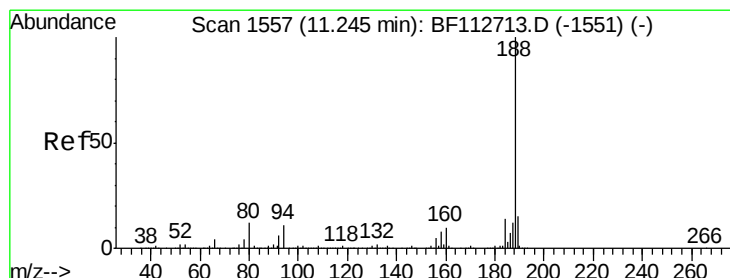
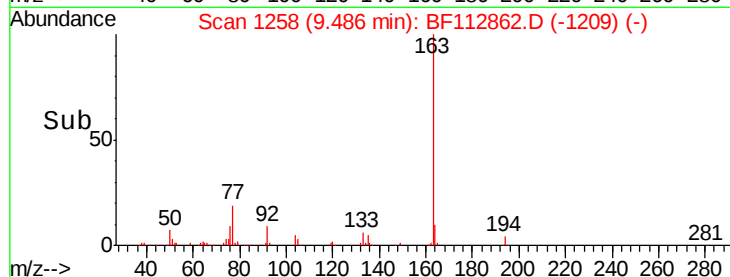
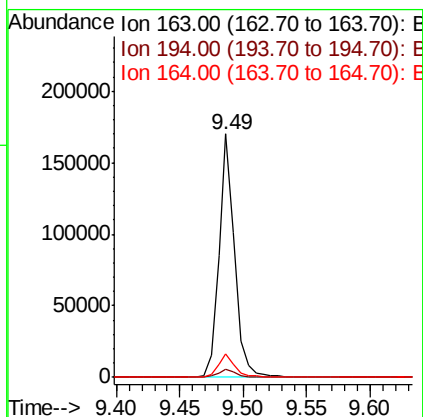
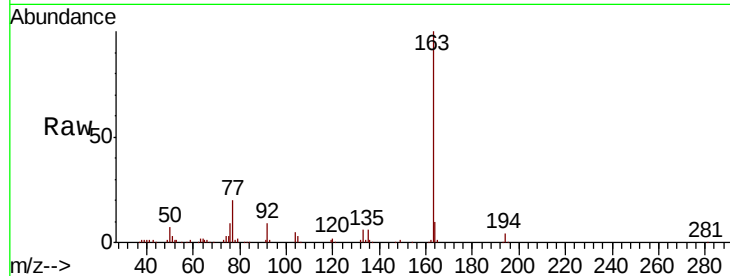
#50
Dimethylphthalate
Concen: 6.290 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		147164		
194	3.5		3.0	4.4	
164	9.9		8.4	12.6	

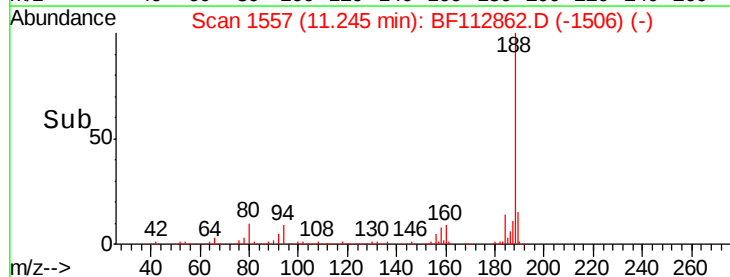
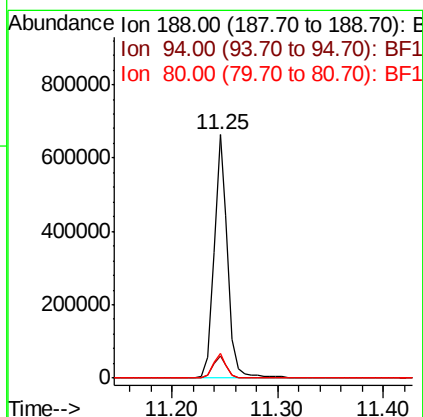
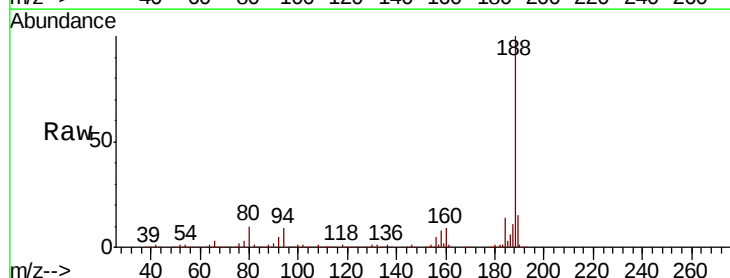
Manual Integrations
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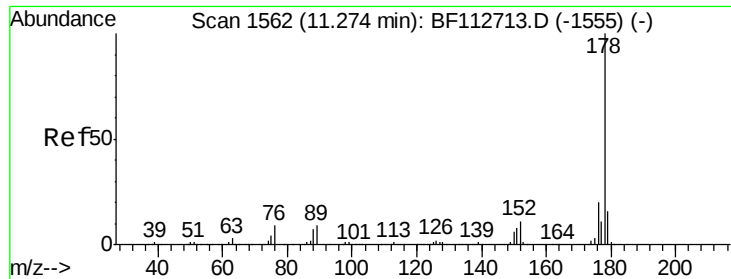
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		596150		
94	9.3		9.0	13.4	
80	10.2		9.2	13.8	





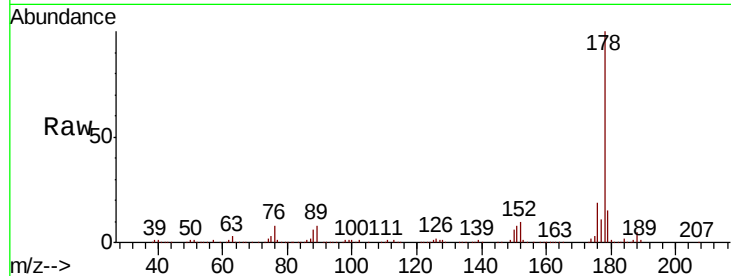
#71
Phenanthrene
Concen: 8.034 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	14.9	12.7	19.1

Manual Integrations
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3/6/2019 12:24:29 PM

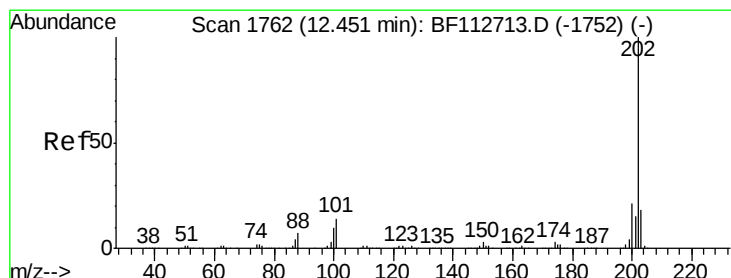
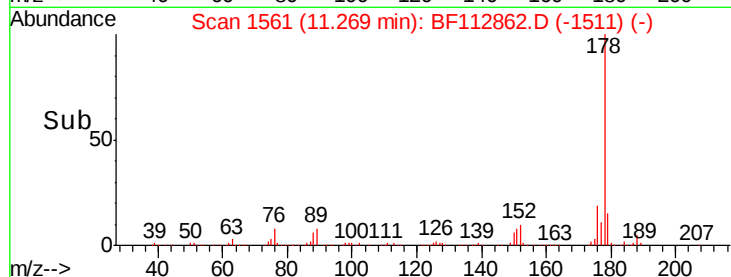
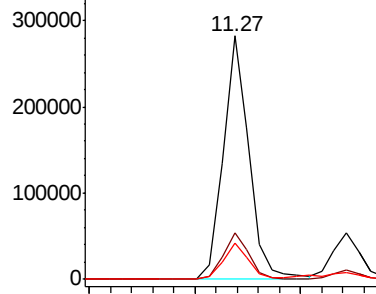


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 8.844 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

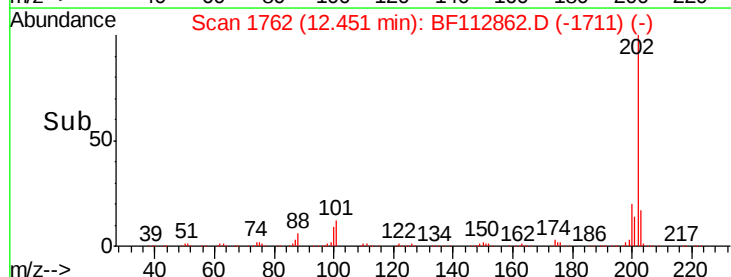
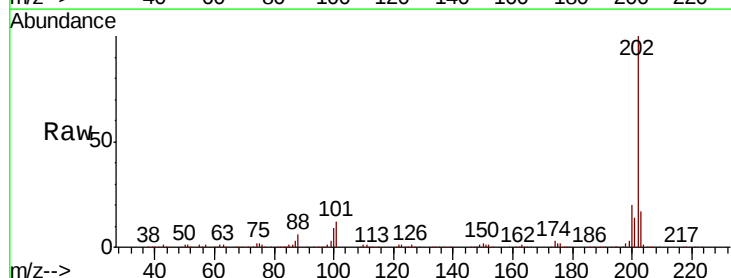
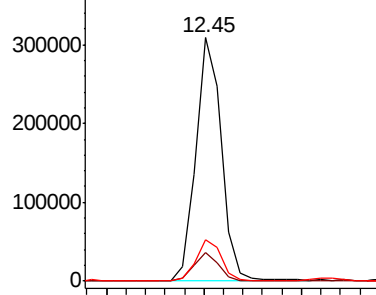
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.8
203	17.1	0.0	38.4

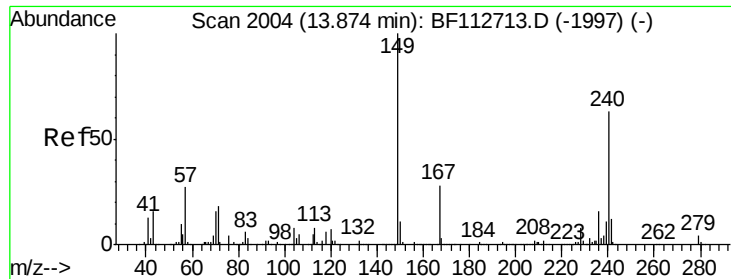
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





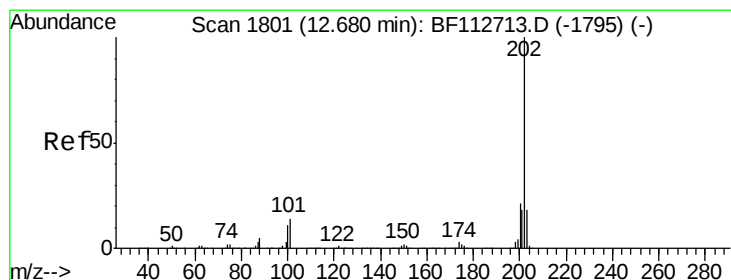
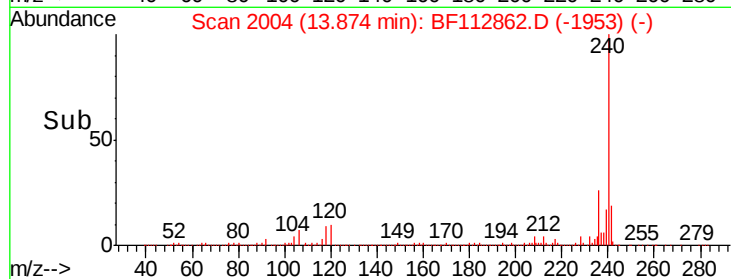
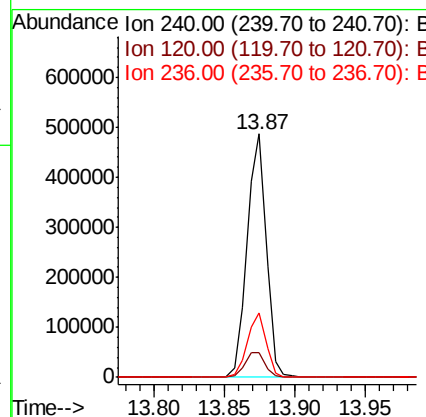
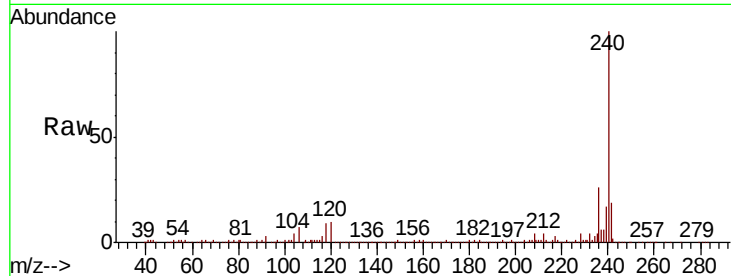
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100	460944		
120	10.0	8.9	13.3	
236	26.3	20.7	31.1	

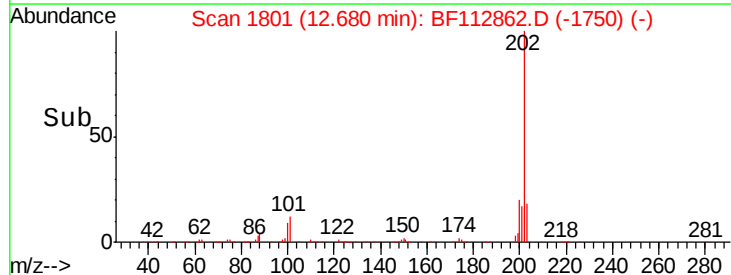
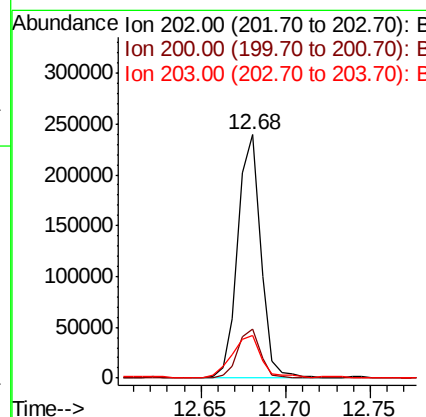
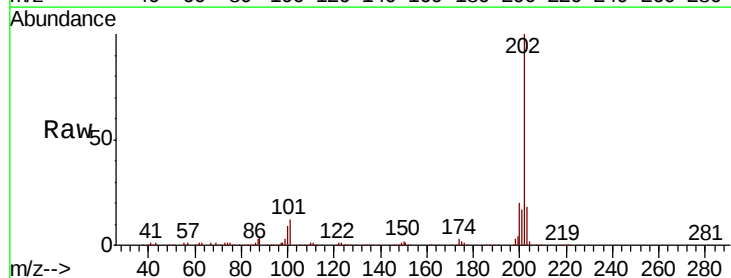
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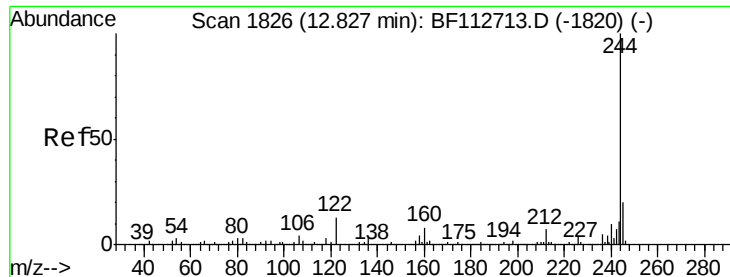
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#78
Pyrene
Concen: 5.811 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	225827		
200	20.3	17.0	25.4	
203	17.7	14.4	21.6	





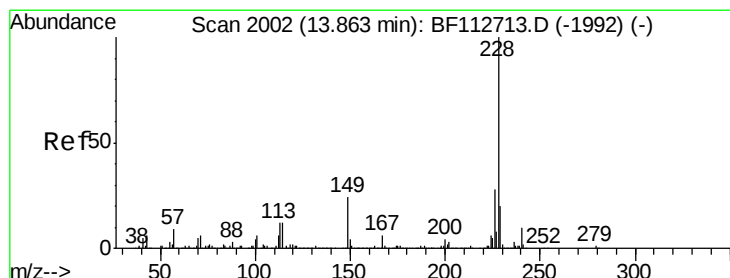
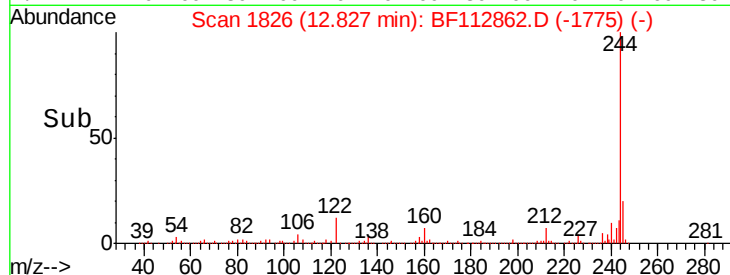
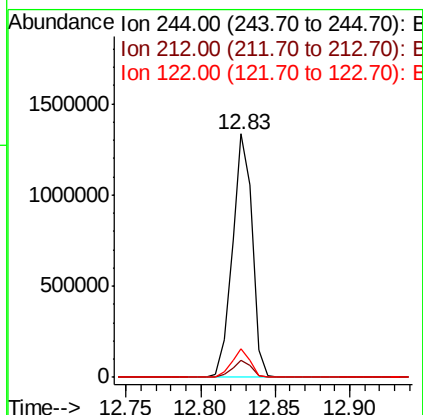
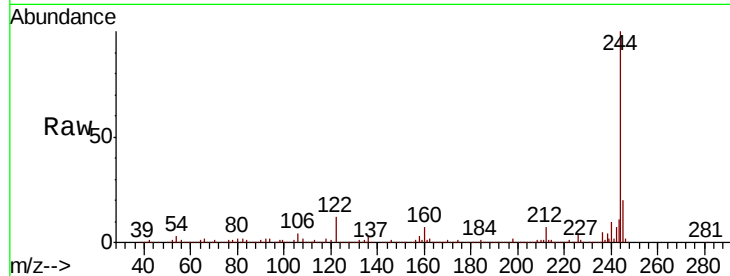
#79
 Terphenyl-d14
 Concen: 52.609 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112862.D
 Acq: 5 Mar 2019 19:50

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.8	10.5	15.7

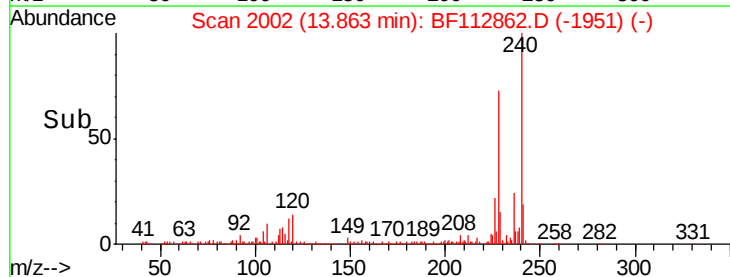
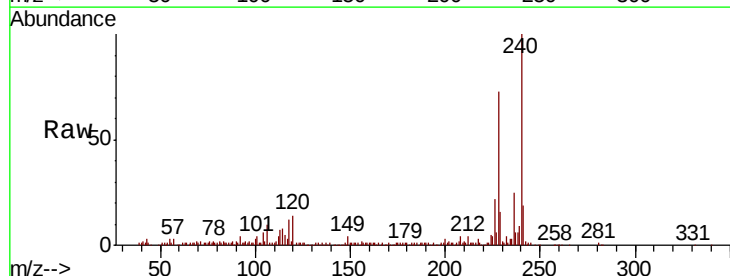
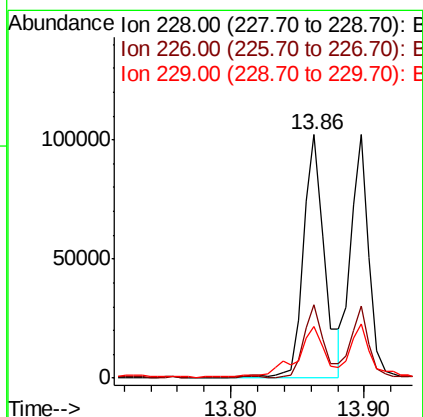
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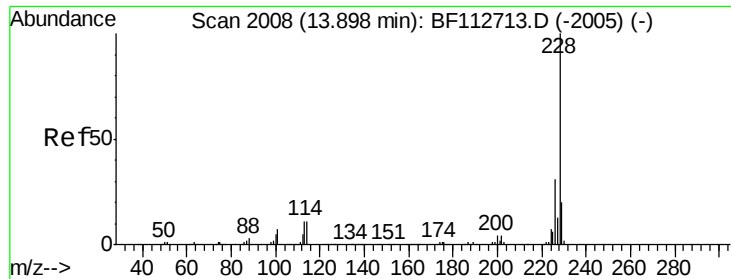
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#81
 Benzo(a)anthracene
 Concen: 3.464 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF112862.D
 Acq: 5 Mar 2019 19:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.4
229	21.3	16.0	24.0





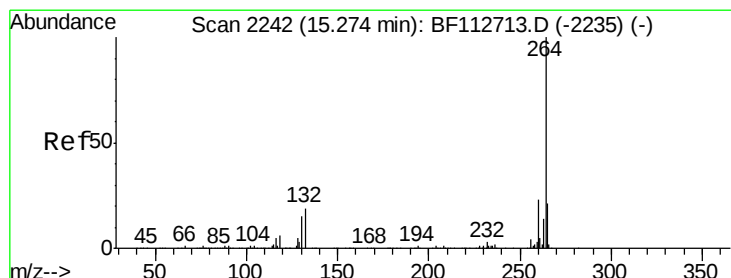
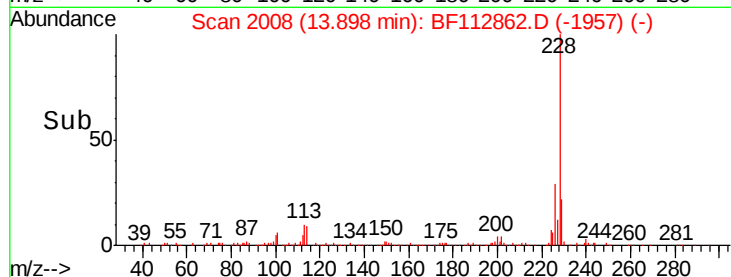
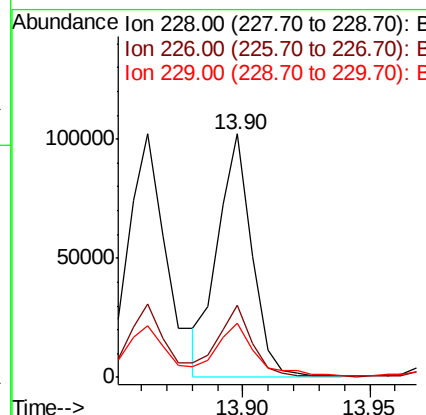
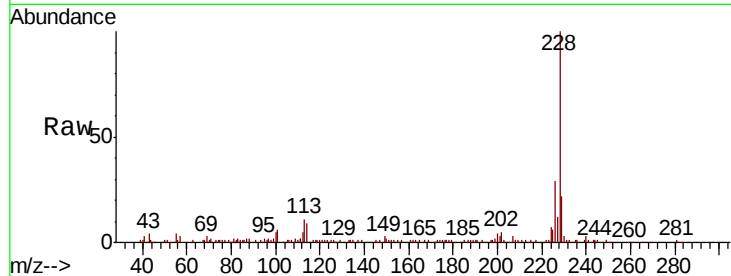
#83
Chrysene
Concen: 3.045 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.4	16.3	24.5

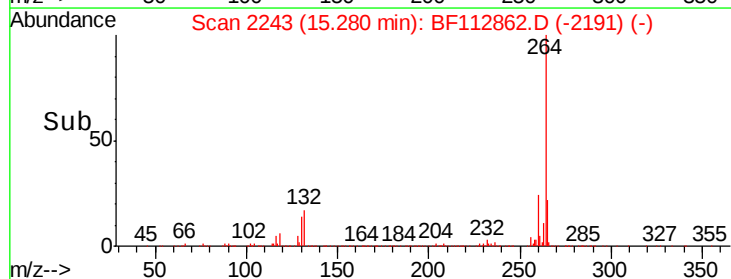
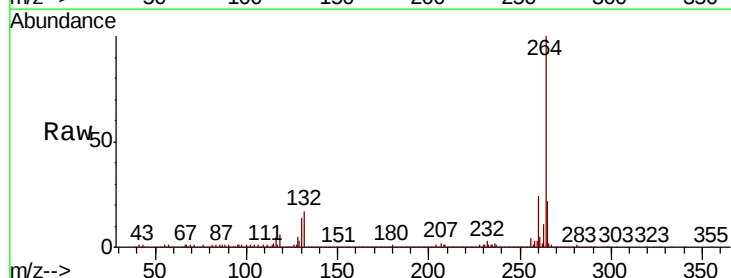
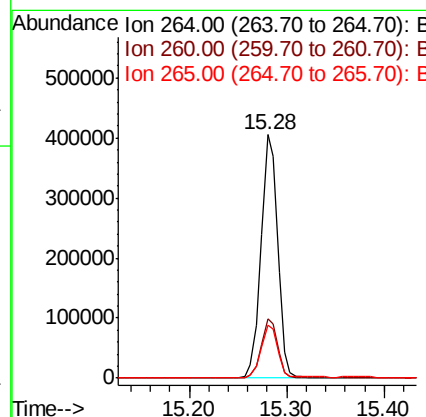
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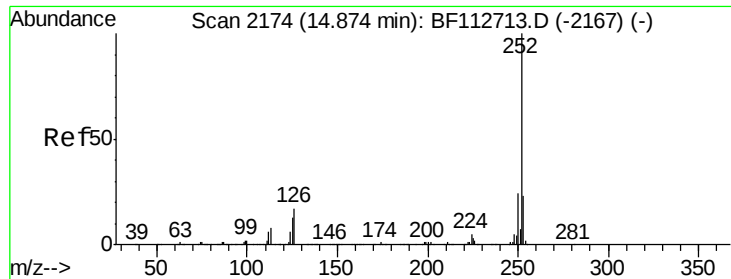
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.7	17.2	25.8





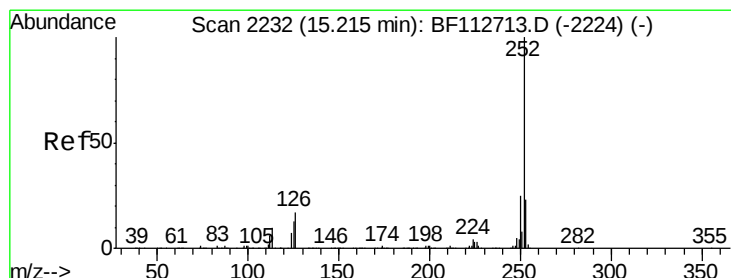
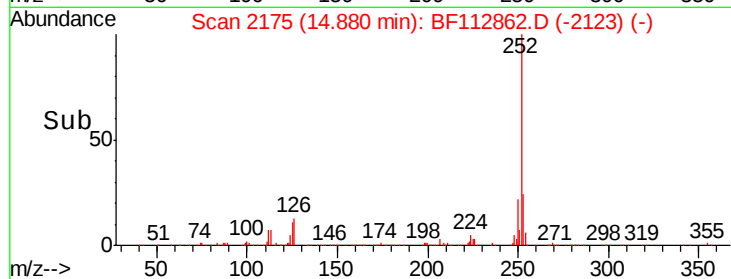
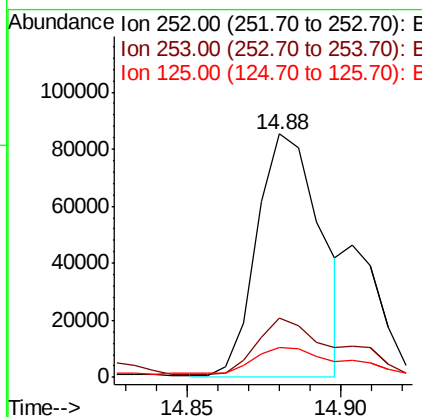
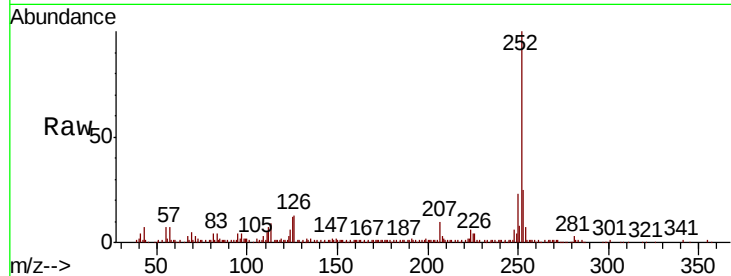
#88
Benzo(b)fluoranthene
Concen: 3.906 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	12.1	10.2	15.2

Manual Integrations
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3/6/2019 12:24:29 PM



#90
Benzo(a)pyrene
Concen: 3.060 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112862.D
Acq: 5 Mar 2019 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.6	10.7	16.1

