

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119191.D
 Acq On : 4 Mar 2020 13:27
 Operator : CG/JU
 Sample : L1762-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220

Manual Integrations
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Quant Time: Mar 04 14:46:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	145771	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	552705	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	289237	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	477064	20.00	ng	0.00
76) Chrysene-d12	13.89	240	268011	20.00	ng	-0.01
87) Perylene-d12	15.32	264	309074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	834615	95.68	ng	0.00
7) Phenol-d6	6.39	99	1020310	96.18	ng	-0.01
23) Nitrobenzene-d5	7.30	82	678676	64.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	327547	86.57	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1351450	68.83	ng	-0.01
79) Terphenyl-d14	12.84	244	1269680	81.56	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.49	163	215908	9.762	ng	99
71) Phenanthrene	11.28	178	91083	3.501	ng	96
75) Fluoranthene	12.47	202	145660	5.274	ng	98
78) Pyrene	12.70	202	139383	6.477	ng	97
81) Benzo(a)anthracene	13.89	228	54333	2.975	ng	97
83) Chrysene	13.92	228	54508	2.996	ng	97
88) Benzo(b)fluoranthene	14.92	252	62955m	3.090	ng	
90) Benzo(a)pyrene	15.27	252	49289	2.681	ng	98

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

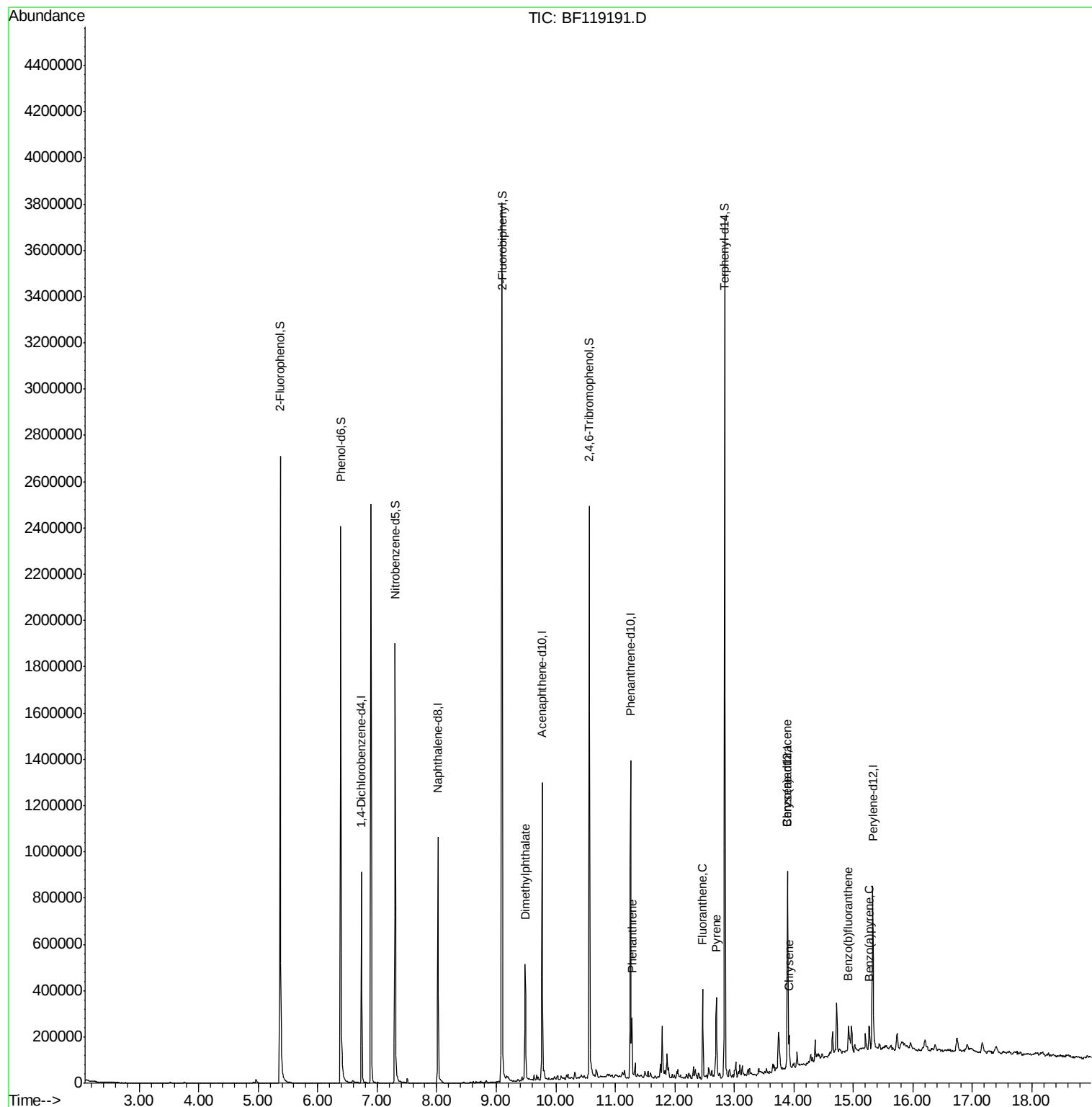
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





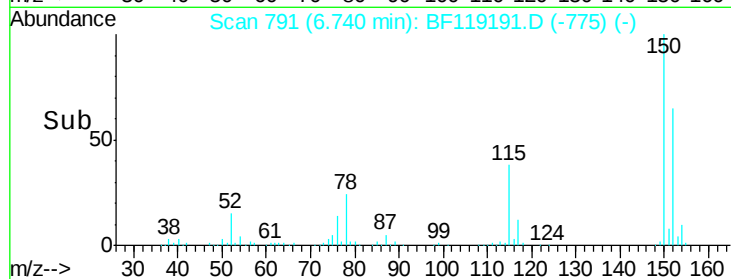
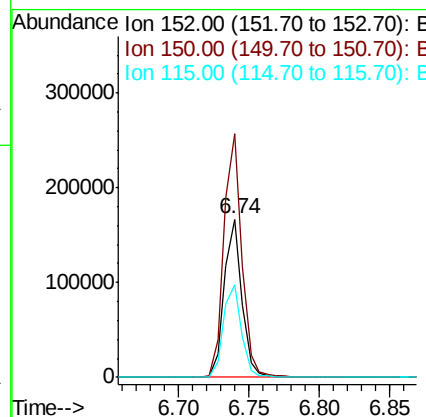
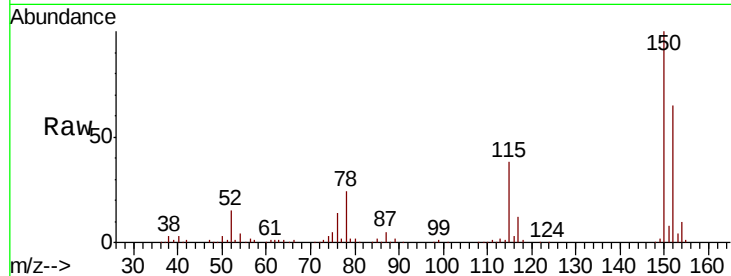
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119191.D
 Acq: 4 Mar 2020 13:27

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.0	184.6
115	58.7	49.5	74.3

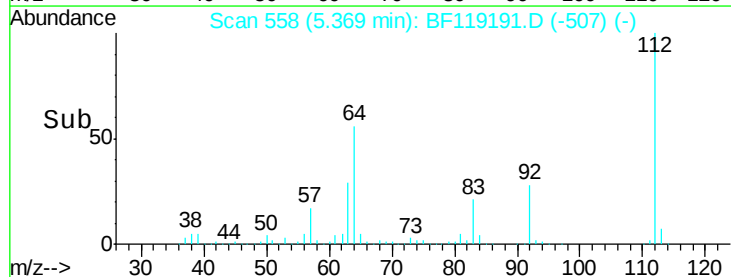
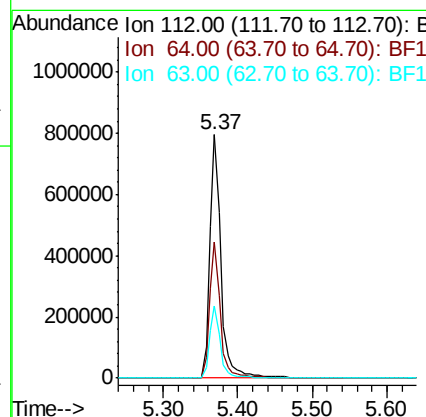
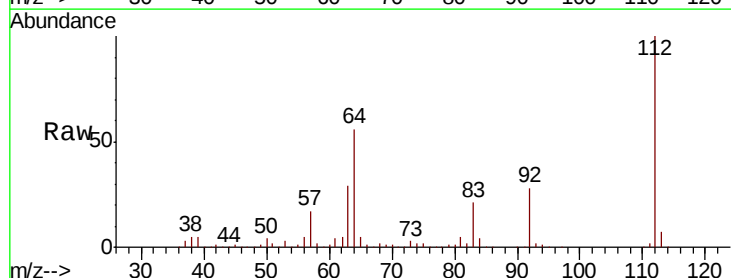
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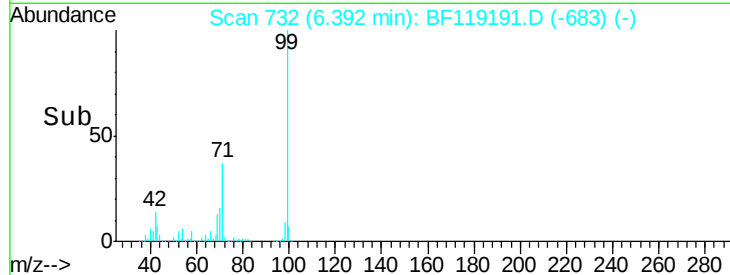
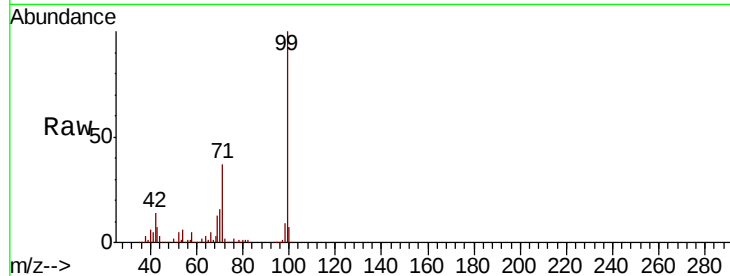
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#5
 2-Fluorophenol
 Concen: 95.684 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF119191.D
 Acq: 4 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.0	67.4
63	29.4	24.2	36.4





#7

Phenol-d6

Concen: 96.180 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119191.D

Acq: 4 Mar 2020 13:27

Tot Ion: 99 Resp: 1020310

Ion Ratio Lower Upper

99 100

42 14.3 12.6 18.8

71 37.4 31.0 46.4

Instrument :

BNA_F

ClientSampleId :

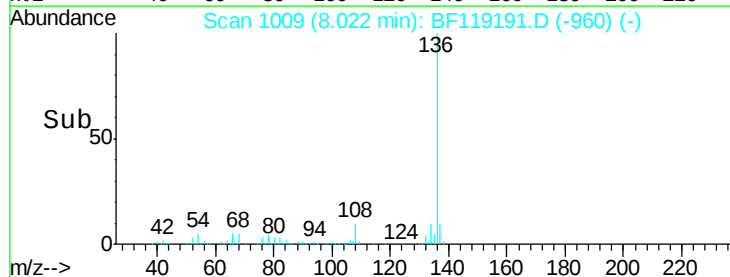
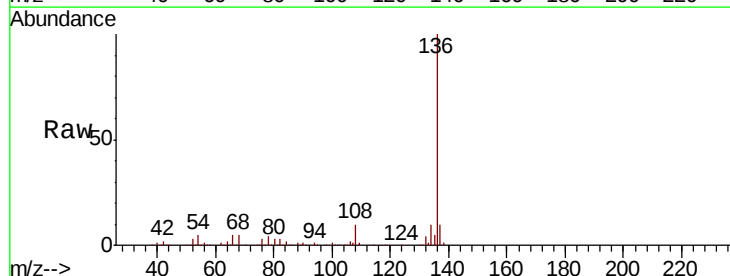
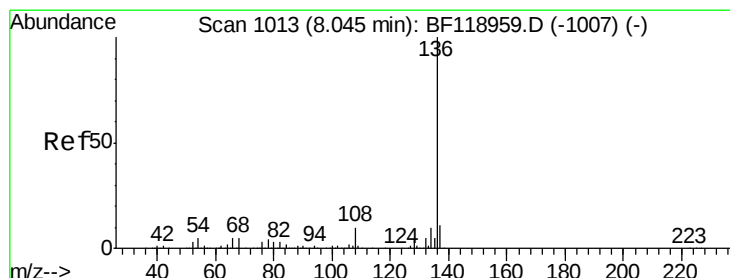
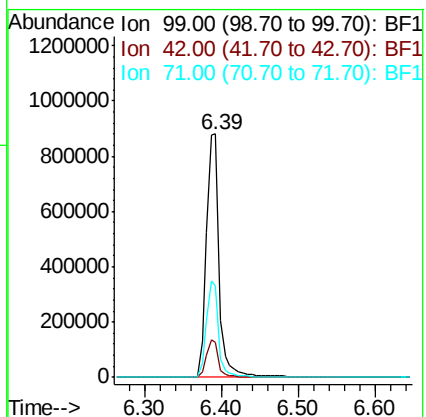
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119191.D

Acq: 4 Mar 2020 13:27

Tgt Ion: 136 Resp: 552705

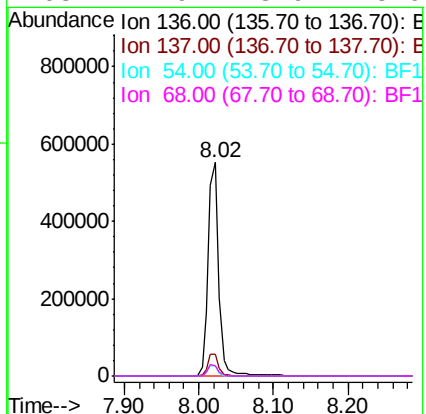
Ion Ratio Lower Upper

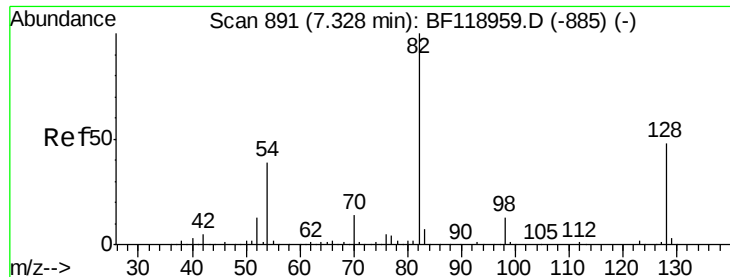
136 100

137 10.4 8.8 13.2

54 4.7 3.8 5.6

68 4.9 3.9 5.9





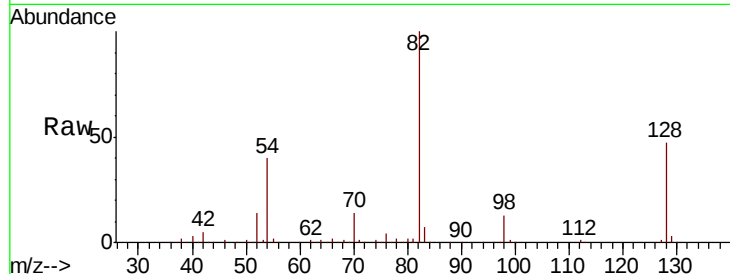
#23
Nitrobenzene-d5
Concen: 64.834 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TR-05-030220

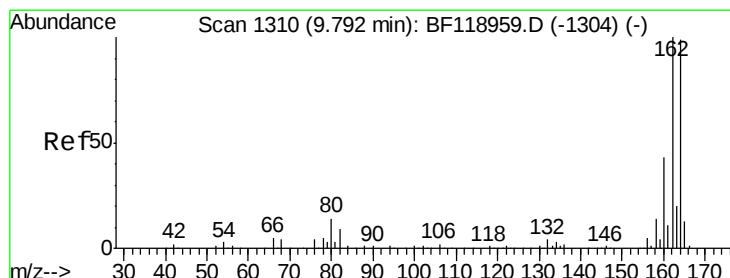
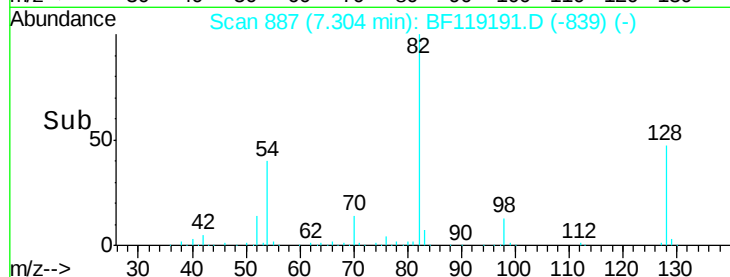
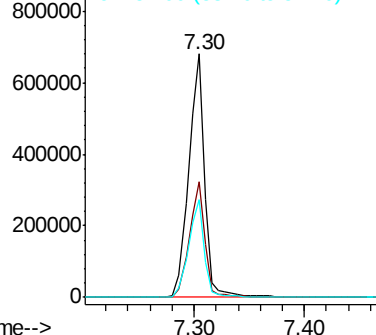
Tot Ion	82	Resp	678676
Ion Ratio	100	Lower	Upper
82	100		
128	47.3	37.9	56.9
54	40.0	33.4	50.2

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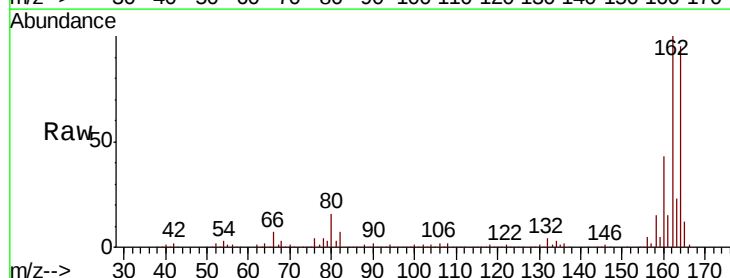


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

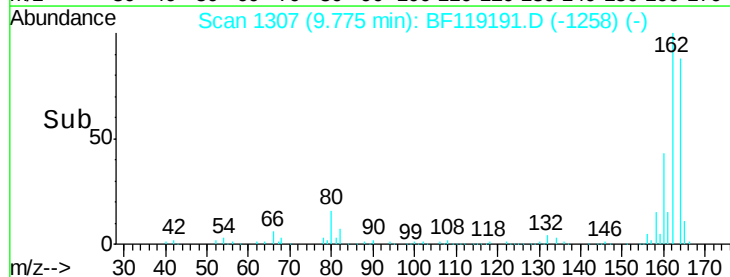
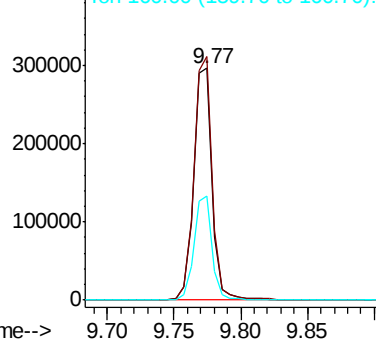


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Tgt Ion	164	Resp	289237
Ion Ratio	100	Lower	Upper
164	100		
162	105.0	81.8	122.8
160	44.9	36.0	54.0



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





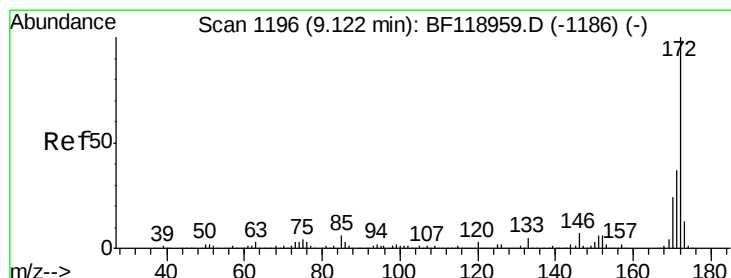
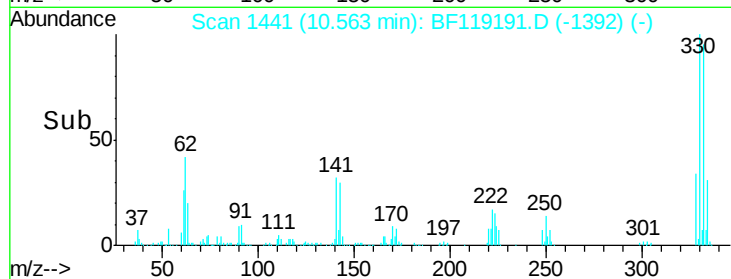
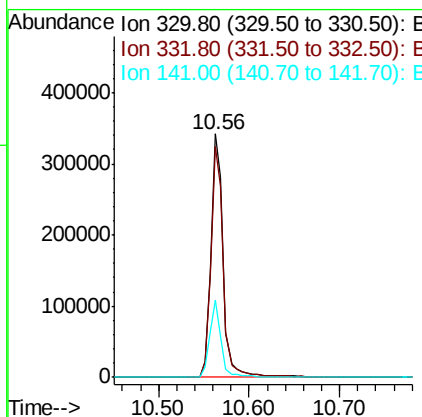
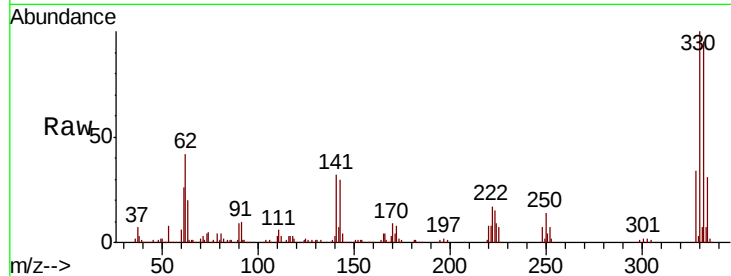
#42
 2,4,6-Tribromophenol
 Concen: 86.568 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119191.D
 Acq: 4 Mar 2020 13:27

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-030220

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.0	114.0
141	30.5	22.9	34.3

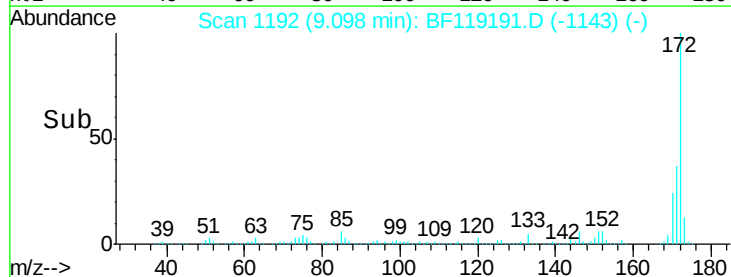
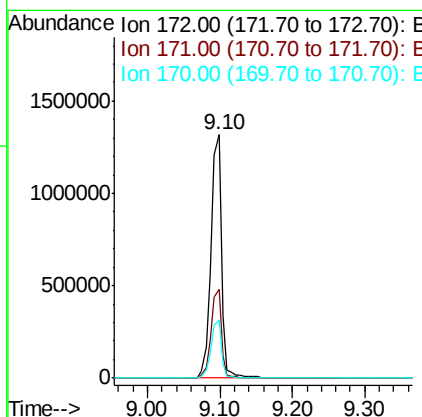
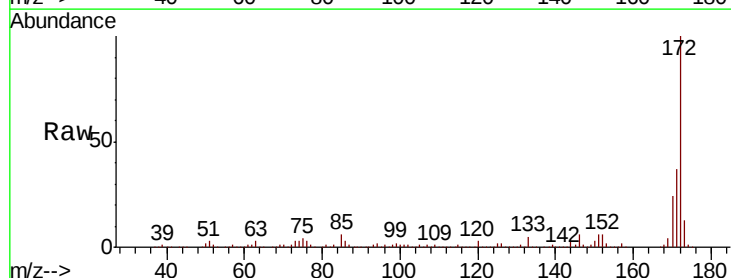
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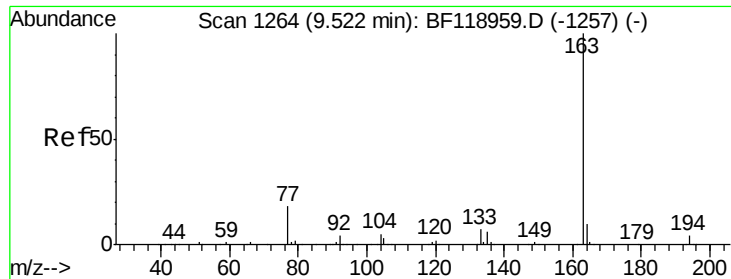
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#45
 2-Fluorobiphenyl
 Concen: 68.833 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119191.D
 Acq: 4 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	23.9	20.2	30.2





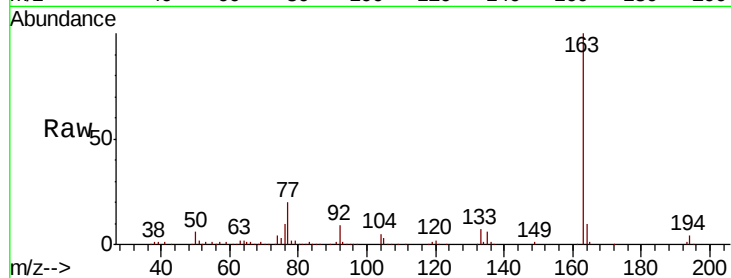
#50
Dimethylphthalate
Concen: 9.762 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TR-05-030220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		215908		
194	4.2		3.5	5.3	
164	10.3		8.4	12.6	

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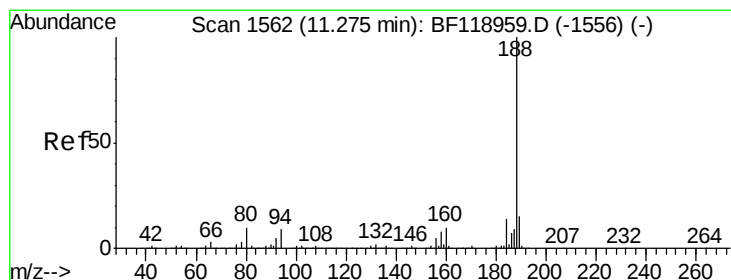
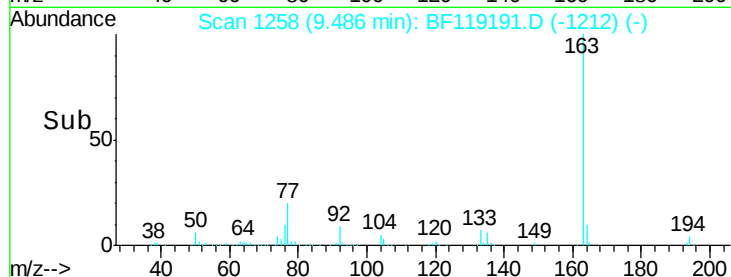
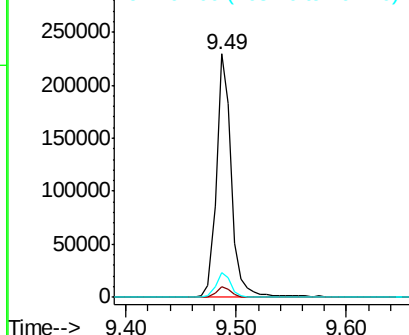


Abundance

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: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

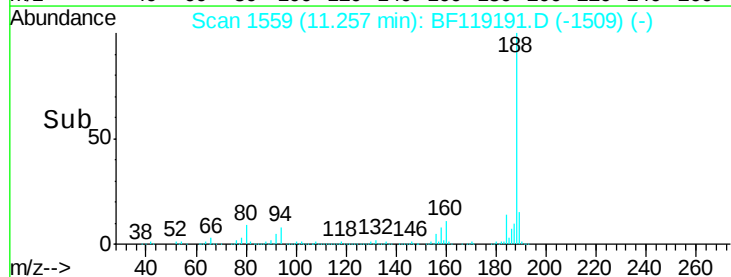
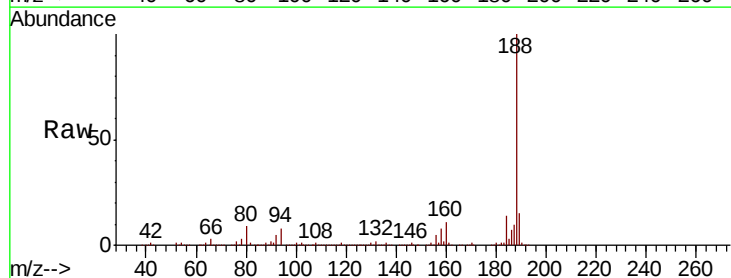
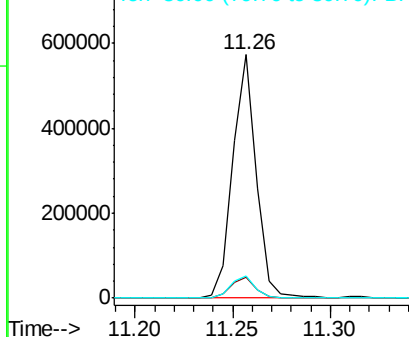
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		477064		
94	8.4		7.1	10.7	
80	8.9		7.8	11.8	

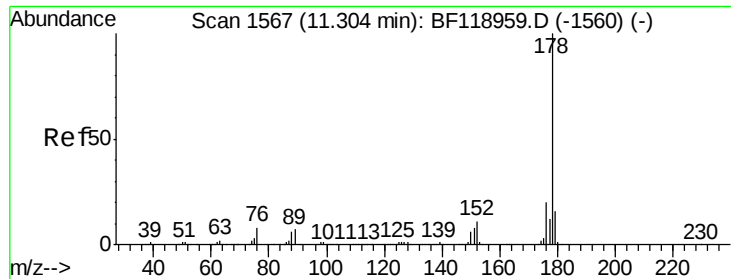
Abundance

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





#71

Phenanthrene

Concen: 3.501 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF119191.D

Acq: 4 Mar 2020 13:27

Instrument :

BNA_F

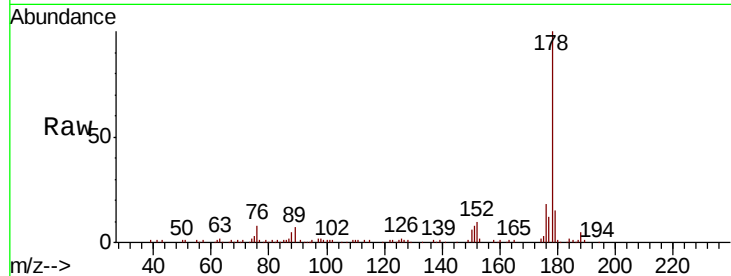
ClientSampleId :

TR-05-030220

Tot Ion:	178	Resp:	91083
Ion Ratio	Lower	Upper	
178	100		
176	18.3	16.5	24.7
179	15.0	13.0	19.6

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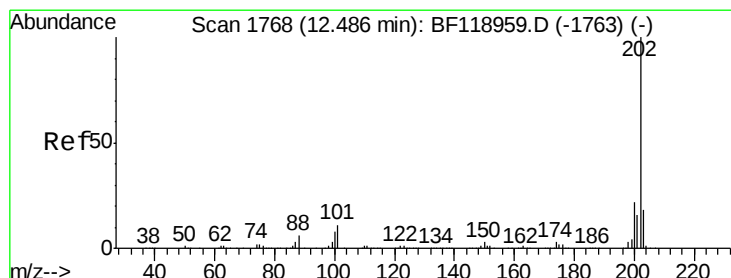
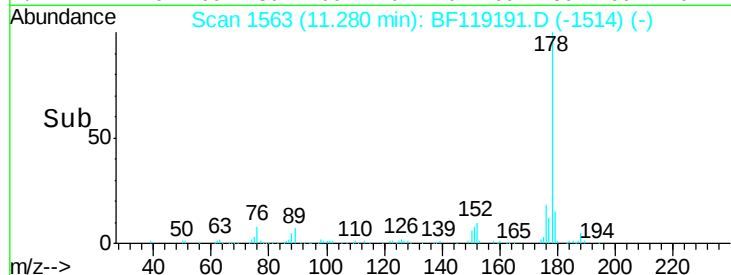
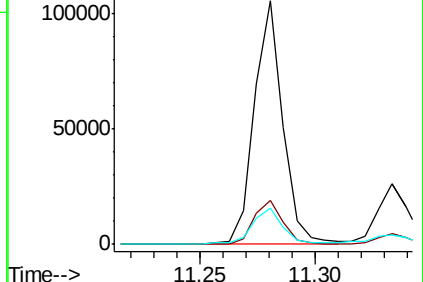
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 5.274 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF119191.D

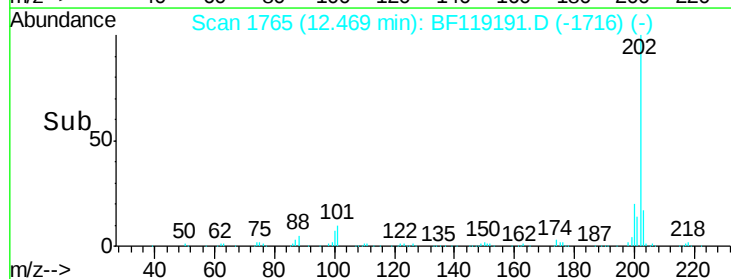
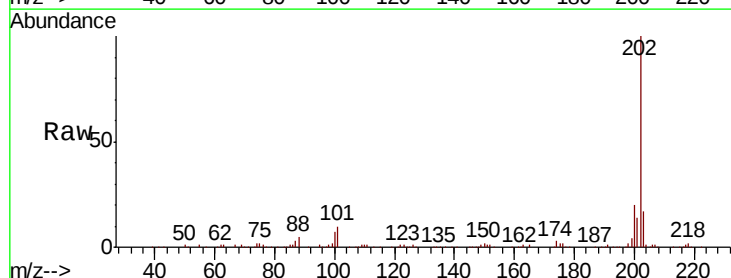
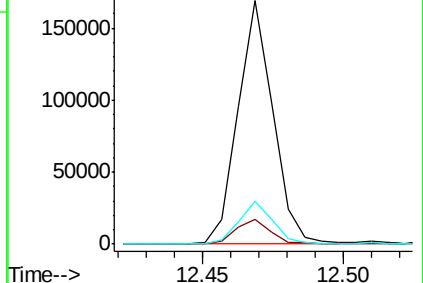
Acq: 4 Mar 2020 13:27

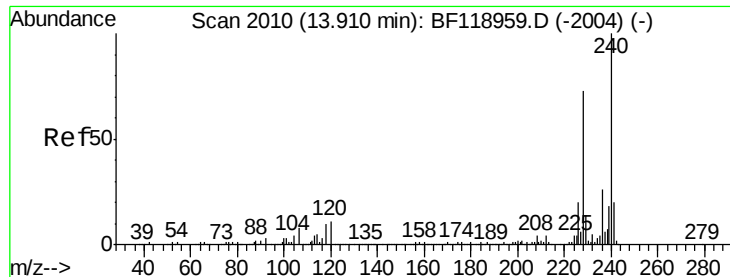
Tgt Ion:	202	Resp:	145660
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	30.3
203	17.3	0.0	38.4

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





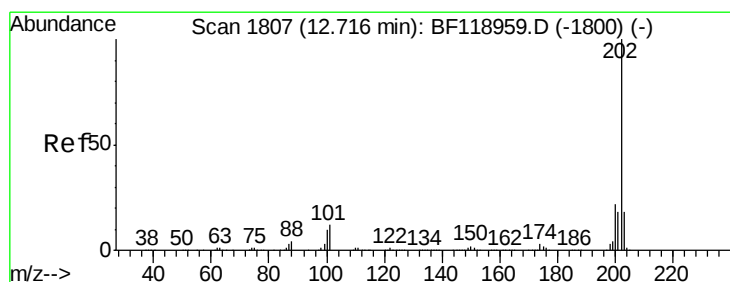
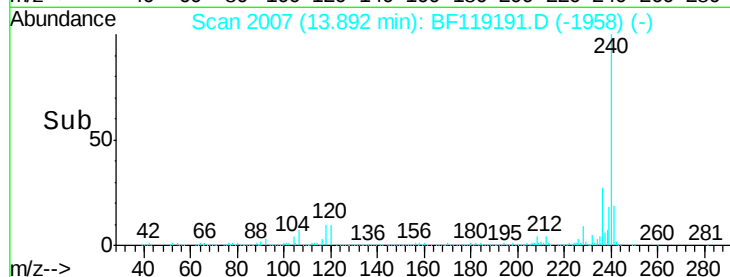
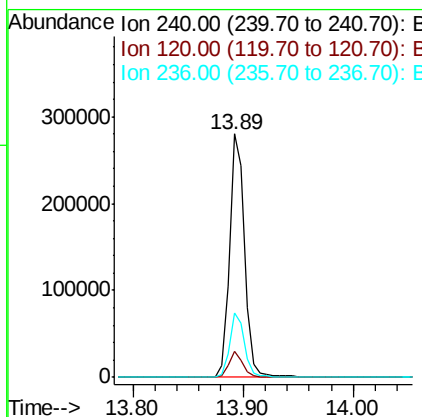
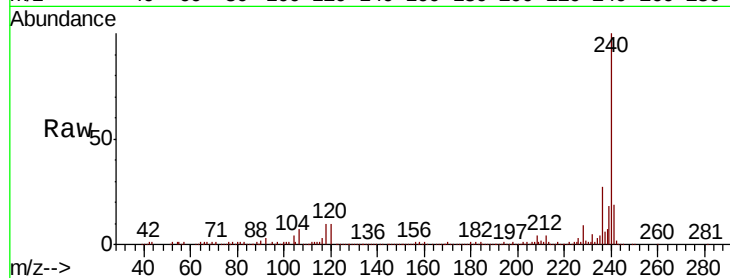
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TR-05-030220

Tot Ion	Ratio	Resp	Lower	Upper
240	100	268011		
120	10.5	8.4	12.6	
236	26.6	21.0	31.4	

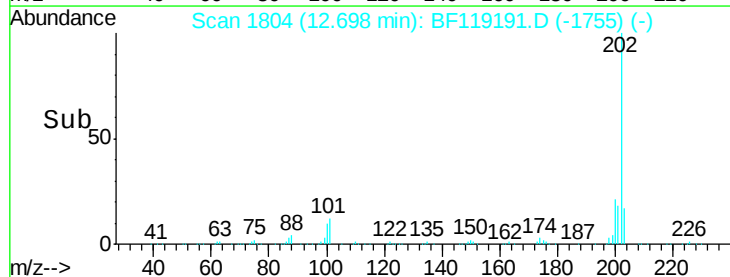
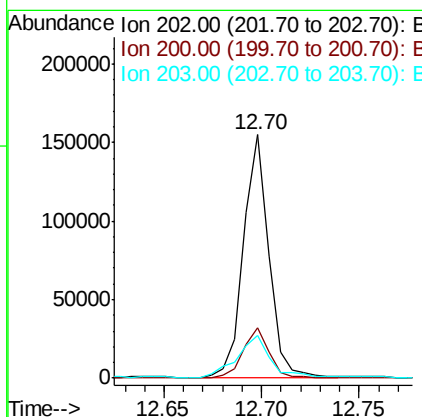
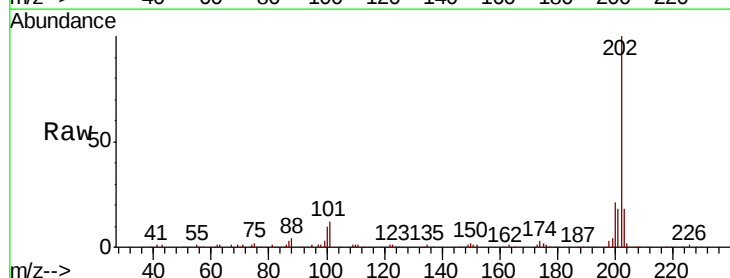
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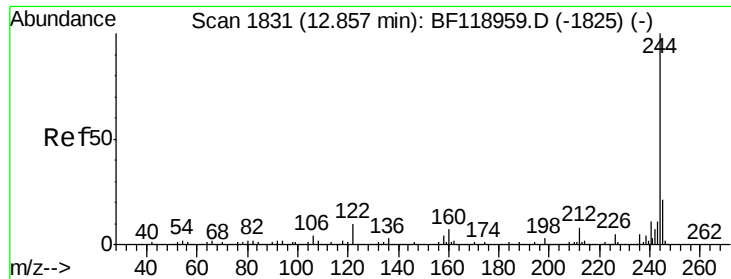
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#78
Pyrene
Concen: 6.477 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	139383		
200	20.7	18.0	27.0	
203	17.5	14.6	22.0	





#79

Terphenyl-d14

Concen: 81.563 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119191.D

Acq: 4 Mar 2020 13:27

Instrument :

BNA_F

ClientSampleId :

TR-05-030220

Tot Ion:244 Resp: 1269680

Ion Ratio Lower Upper

244 100

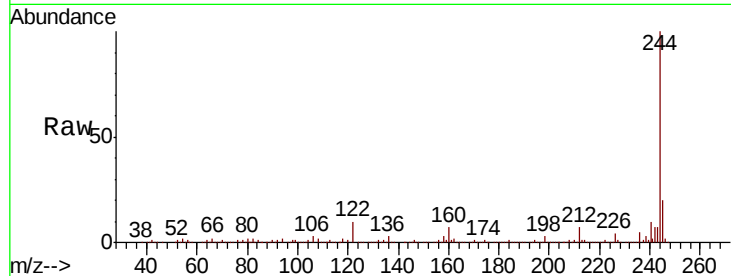
212 7.4 6.6 10.0

122 9.7 8.2 12.2

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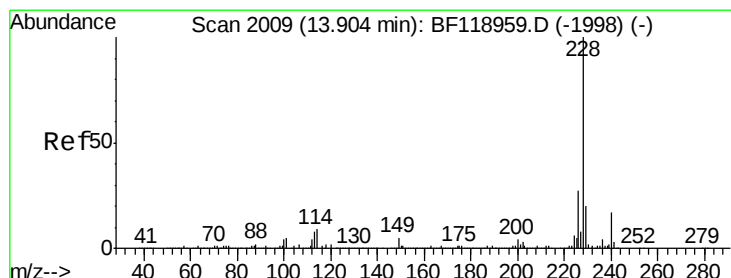
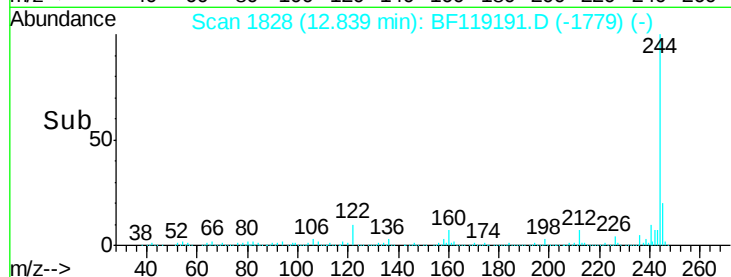
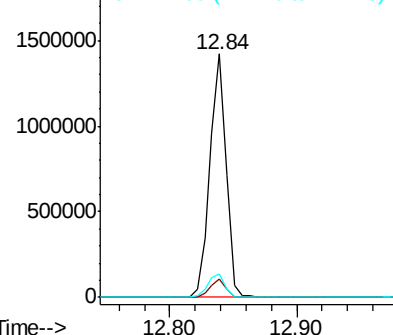
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.975 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF119191.D

Acq: 4 Mar 2020 13:27

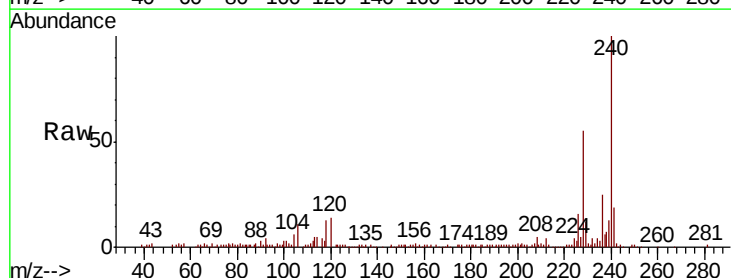
Tgt Ion:228 Resp: 54333

Ion Ratio Lower Upper

228 100

226 29.9 22.6 33.8

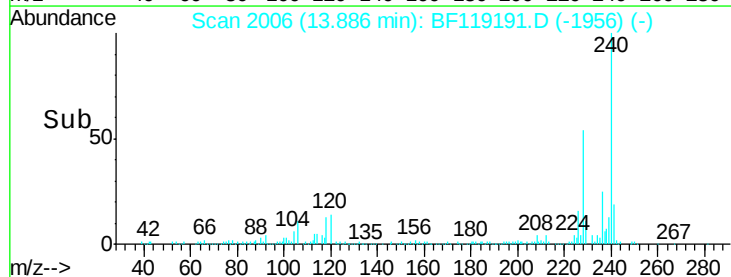
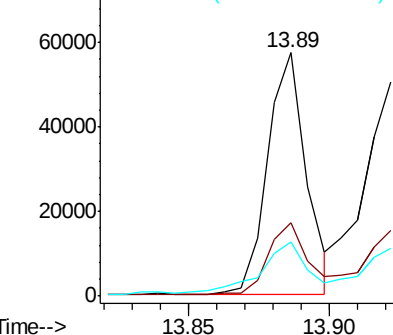
229 22.0 16.6 24.8

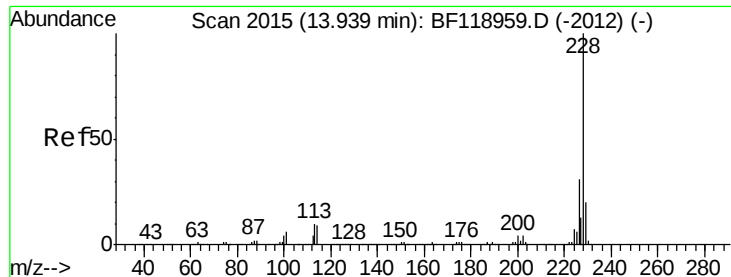


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





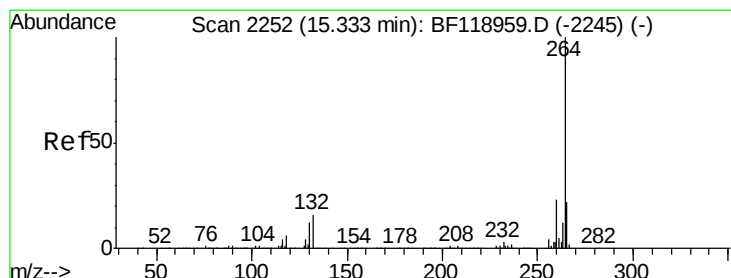
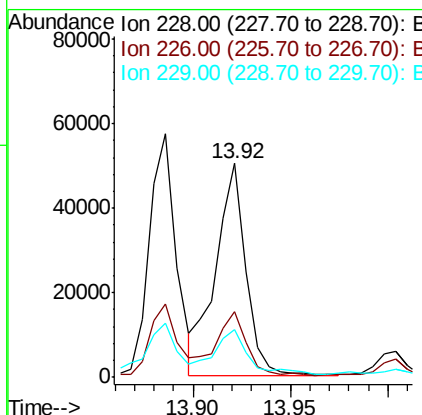
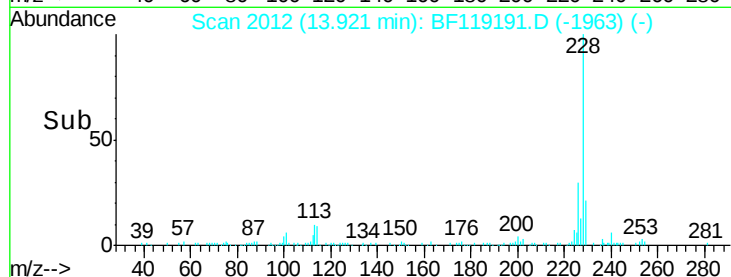
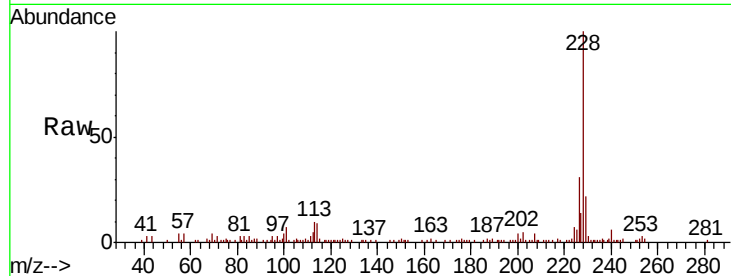
#83
Chrysene
Concen: 2.996 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TR-05-030220

Tot Ion:	228	Resp:	54508
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.1	37.7
229	22.4	16.3	24.5

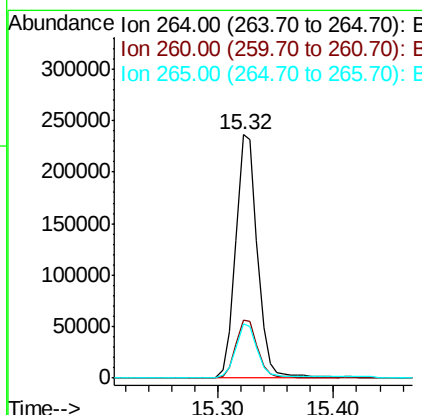
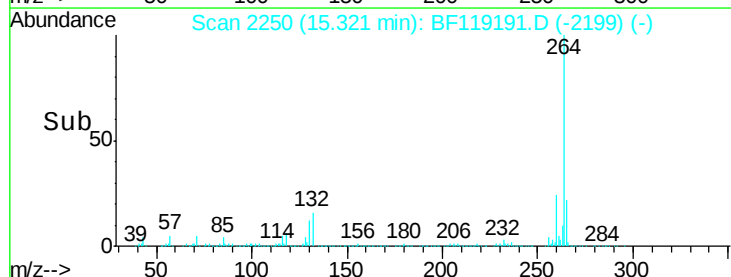
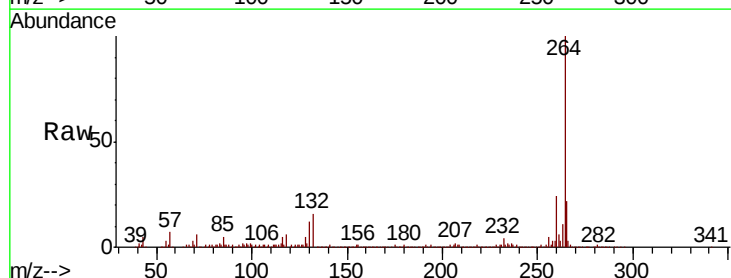
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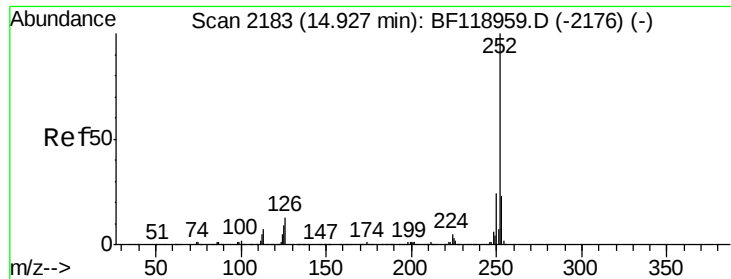
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Tgt Ion:	264	Resp:	309074
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.2
265	22.1	17.7	26.5





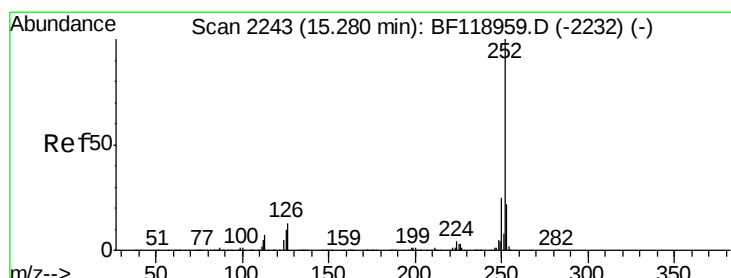
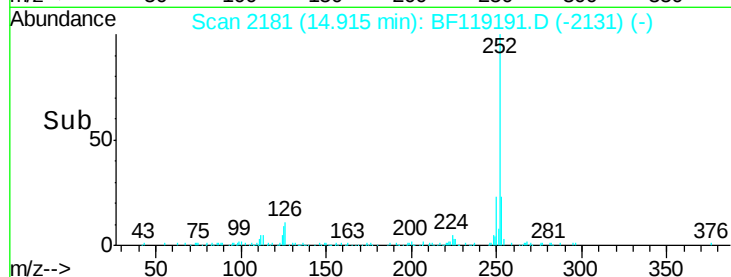
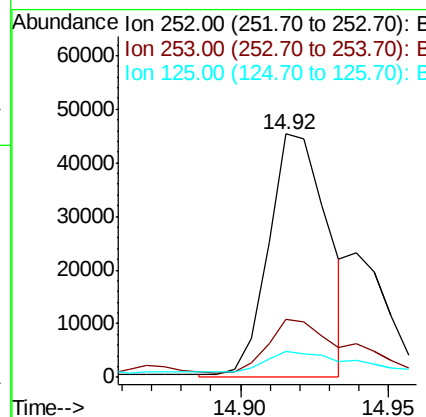
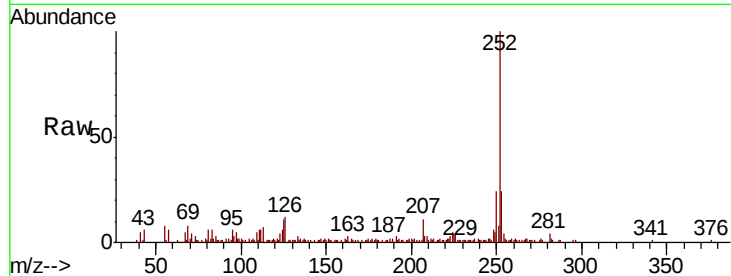
#88
Benzo(b)fluoranthene
Concen: 3.090 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Instrument :
BNA_F
ClientSampleId :
TR-05-030220

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	10.9	7.4	11.0

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#90
Benzo(a)pyrene
Concen: 2.681 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119191.D
Acq: 4 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	11.0	8.6	12.8

