

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121226.D
 Acq On : 7 Aug 2020 11:13
 Operator : JU/CG
 Sample : L3548-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-017

Manual Integrations
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Quant Time: Aug 07 11:42:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135335	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	526288	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	275963	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	532316	20.00	ng	0.00
76) Chrysene-d12	13.96	240	455054	20.00	ng	0.00
86) Perylene-d12	15.42	264	417210	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	906451	109.80	ng	0.00
7) Phenol-d6	6.44	99	1133962	106.34	ng	0.00
23) Nitrobenzene-d5	7.36	82	736247	80.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	337847	111.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1375203	74.40	ng	0.00
79) Terphenyl-d14	12.92	244	1399258	66.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	130519	6.556	ng	98
71) Phenanthrene	11.35	178	97976	3.579	ng	97
75) Fluoranthene	12.53	202	312752	10.306	ng	98
78) Pyrene	12.76	202	272473	8.469	ng	99
81) Benzo(a)anthracene	13.95	228	203632	7.390	ng	100
83) Chrysene	13.99	228	210848	7.281	ng	97
87) Indeno(1,2,3-cd)pyrene	16.84	276	88518	3.051	ng	97
88) Benzo(b)fluoranthene	14.99	252	297073m	11.780	ng	
89) Benzo(k)fluoranthene	15.02	252	108804m	4.731	ng	
90) Benzo(a)pyrene	15.35	252	127975	5.562	ng	99
92) Benzo(g,h,i)perylene	17.28	276	79918	3.420	ng	98

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

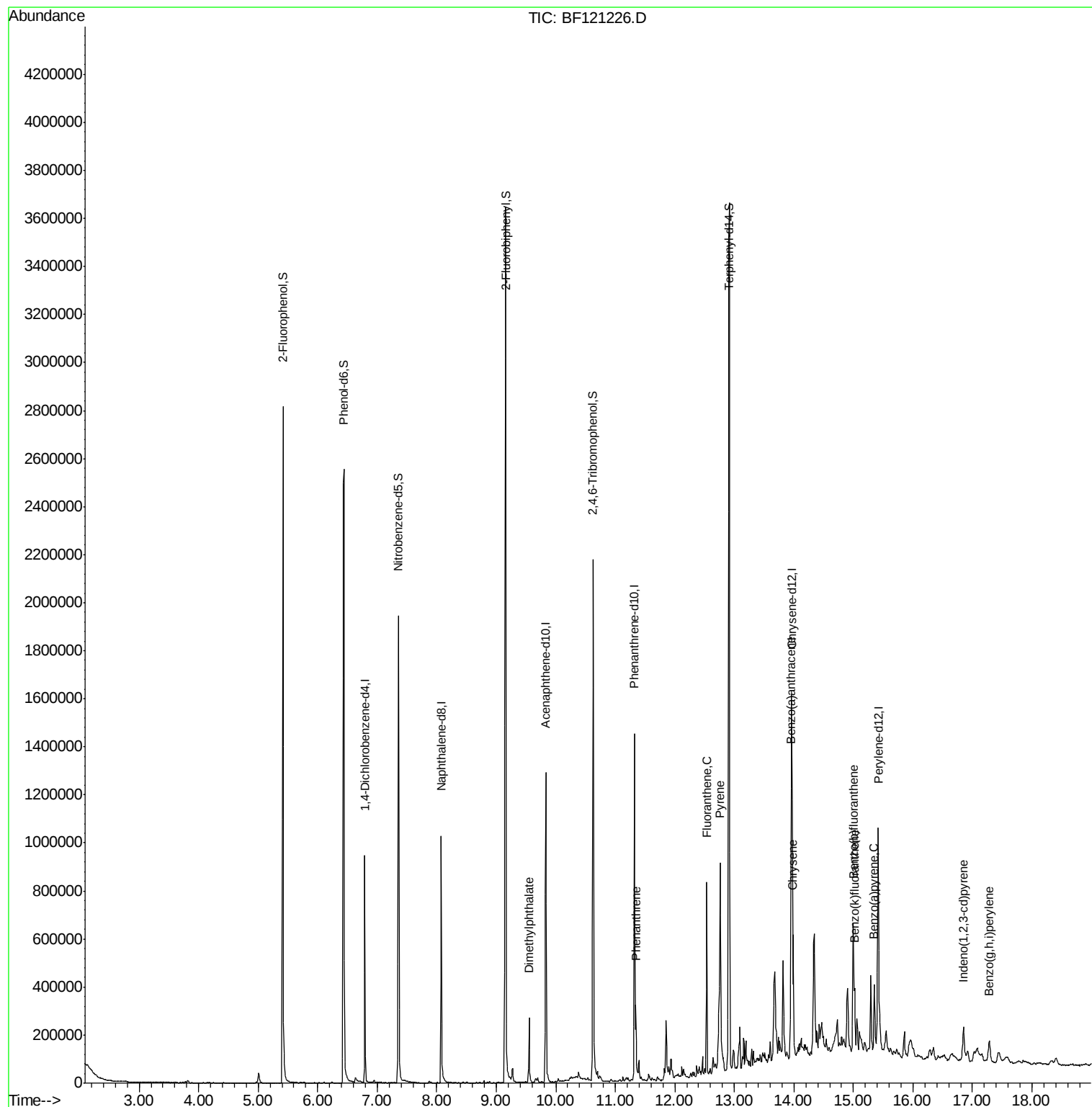
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

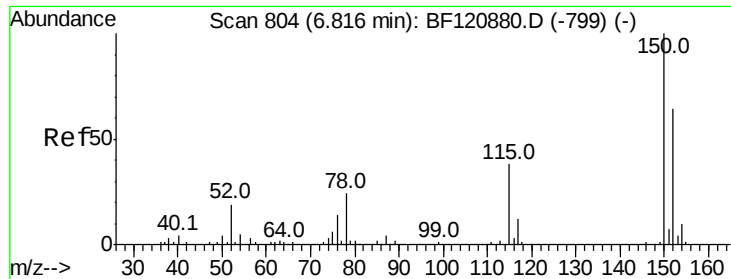
Instrument :
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CRT-017

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

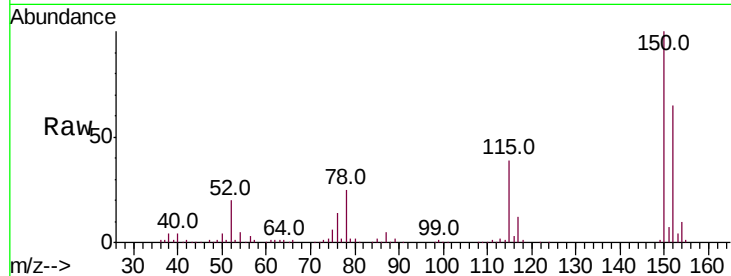
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.6	188.4
115	59.5	46.2	69.2

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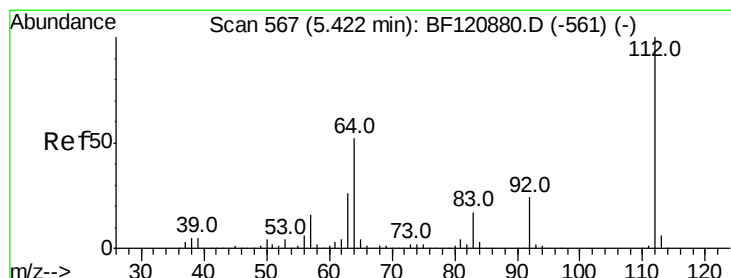
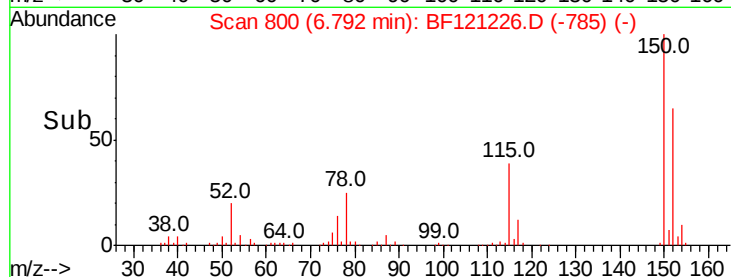
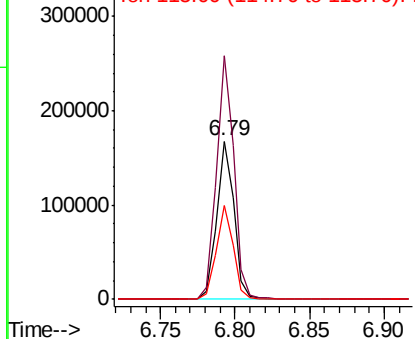


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

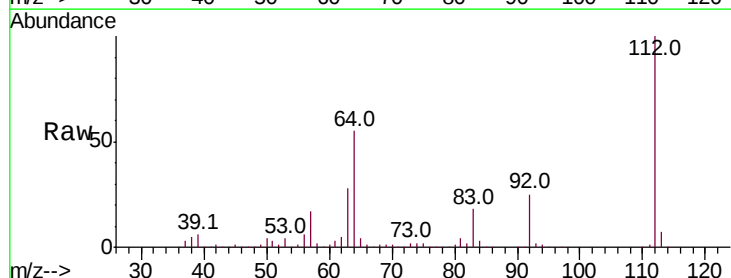
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.801 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.9	65.9
63	28.2	22.7	34.1

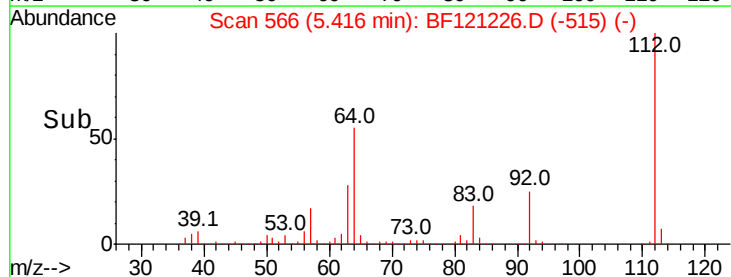
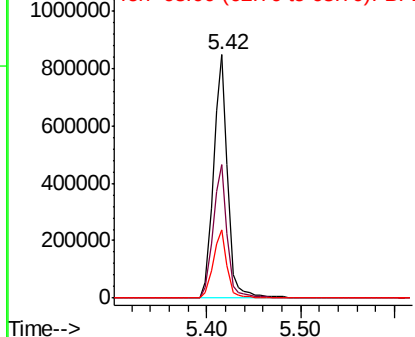


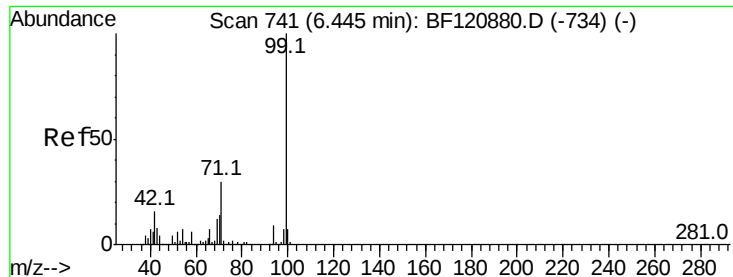
Abundance

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: 106.337 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121226.D

Acq: 7 Aug 2020 11:13

Instrument :

BNA_F

ClientSampleId :

CRT-017

Tot Ion: 99 Resp: 1133962

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

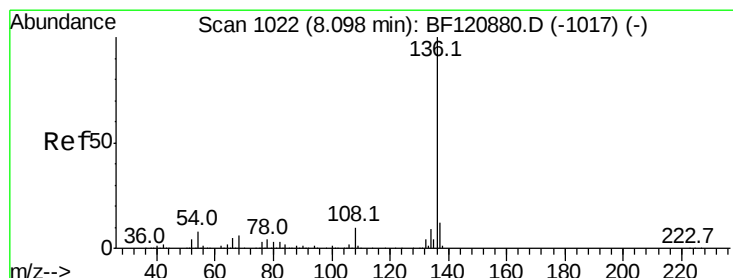
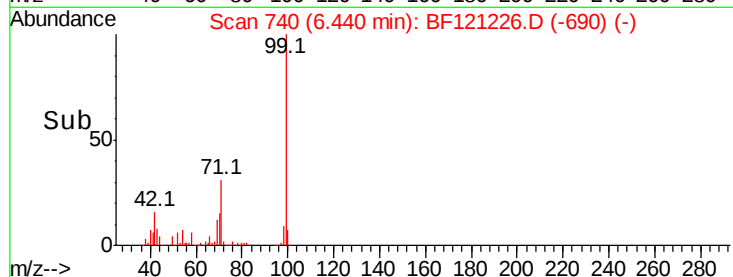
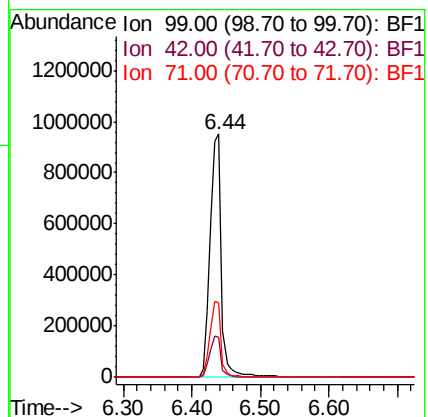
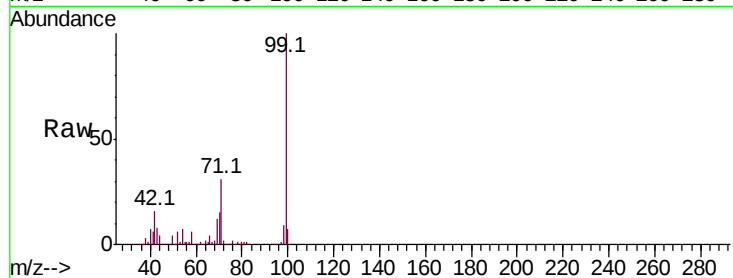
71 30.7 25.0 37.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121226.D

Acq: 7 Aug 2020 11:13

Tgt Ion: 136 Resp: 526288

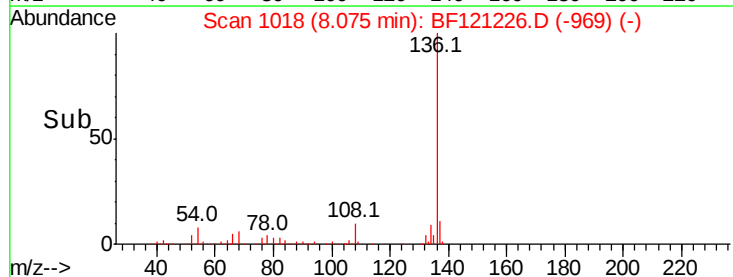
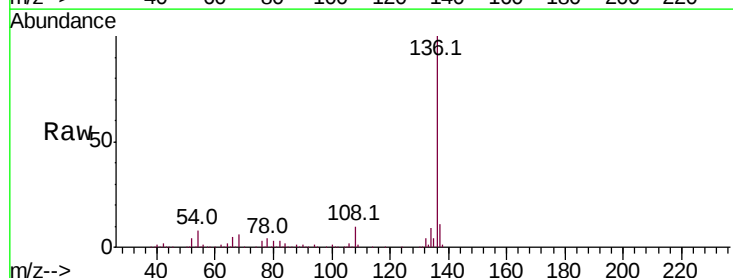
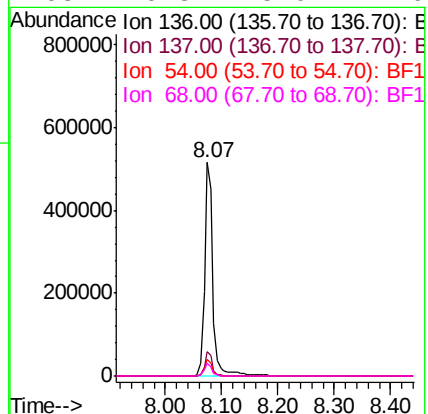
Ion Ratio Lower Upper

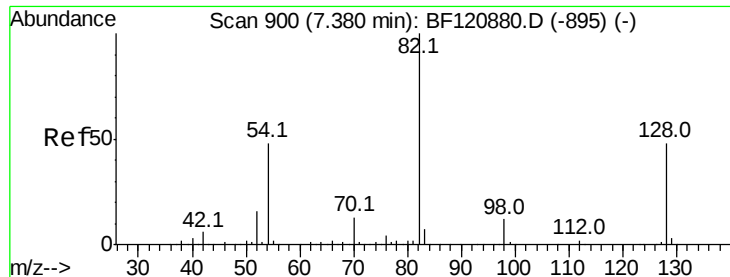
136 100

137 11.2 9.0 13.4

54 7.9 6.1 9.1

68 6.3 5.0 7.6





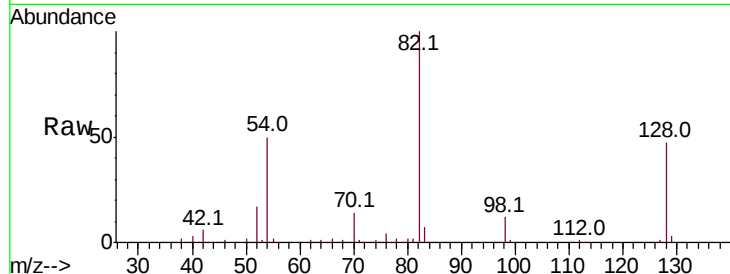
#23
Nitrobenzene-d5
Concen: 80.947 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

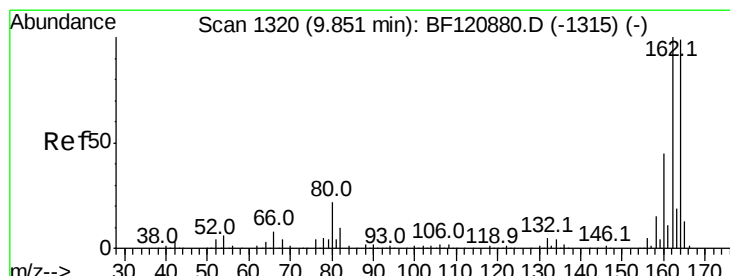
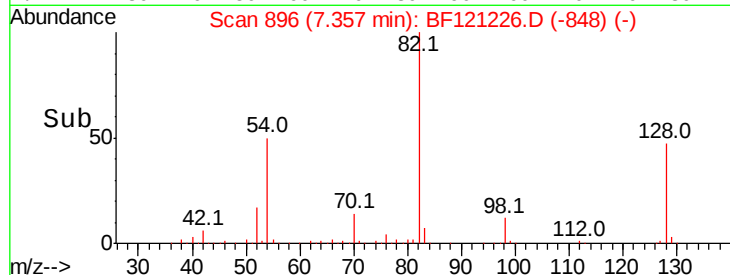
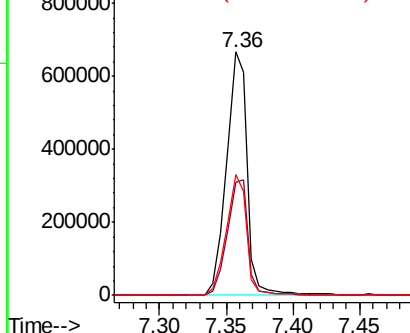
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	39.2	58.8
54	49.8	37.8	56.8

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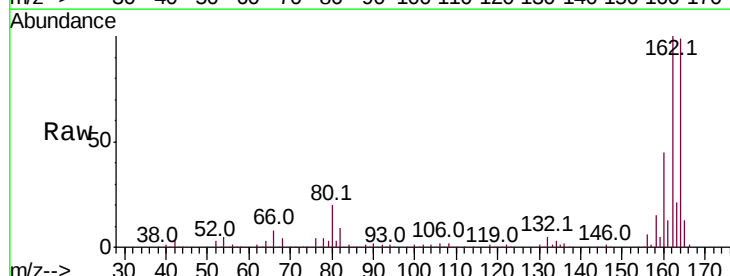


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

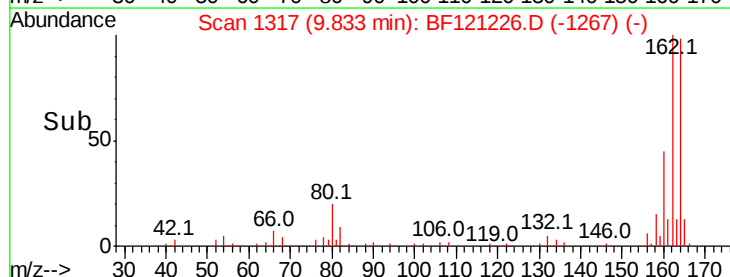
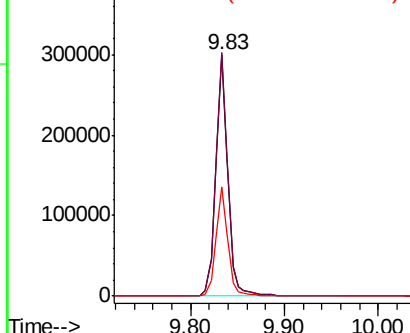


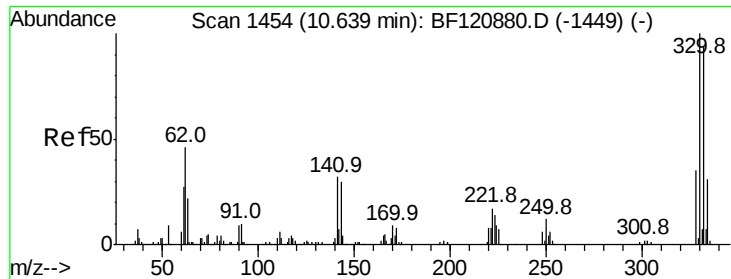
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	45.4	37.2	55.8



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





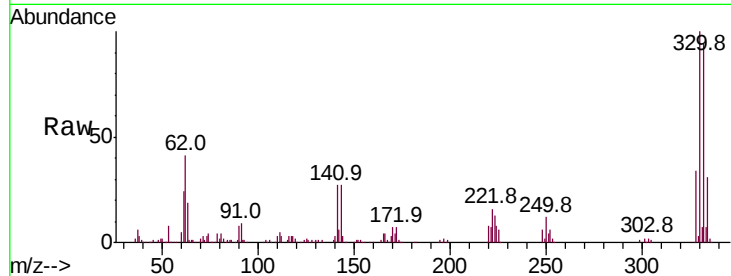
#42
 2,4,6-Tribromophenol
 Concen: 111.844 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121226.D
 Acq: 7 Aug 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 CRT-017

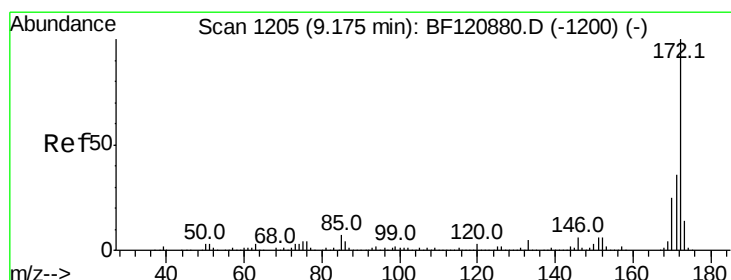
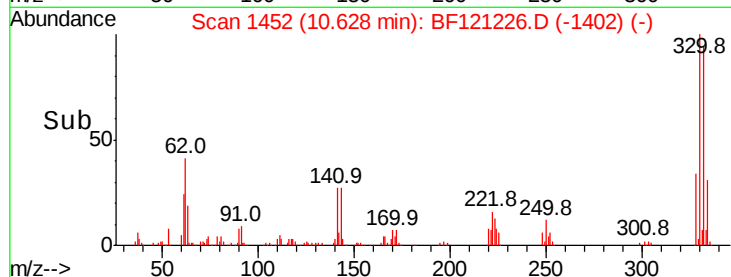
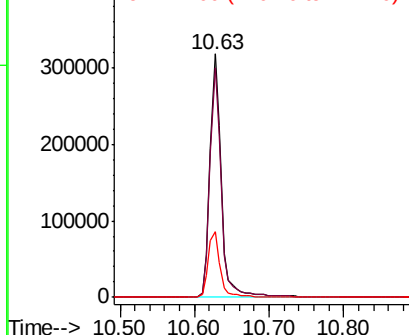
Tot Ion	Ratio	Resp	Lower	Upper
330	100	337847		
332	95.3	76.1	114.1	
141	29.3	24.1	36.1	

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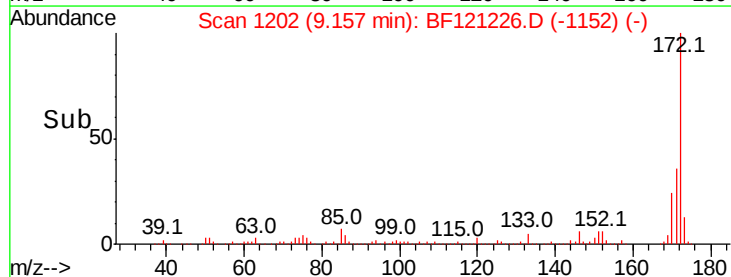
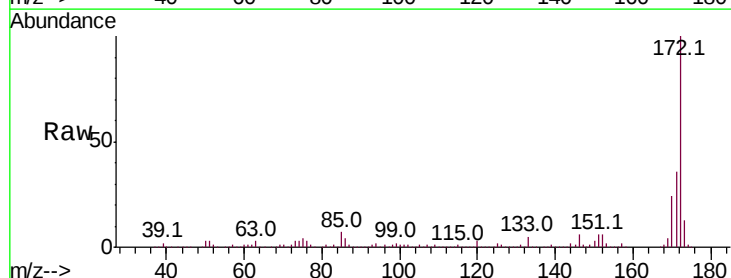
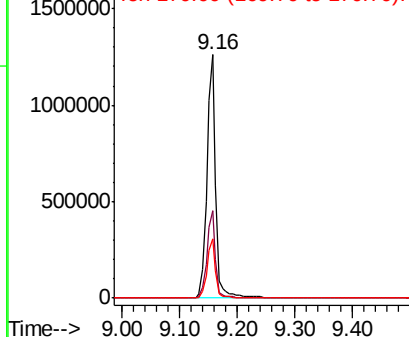
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

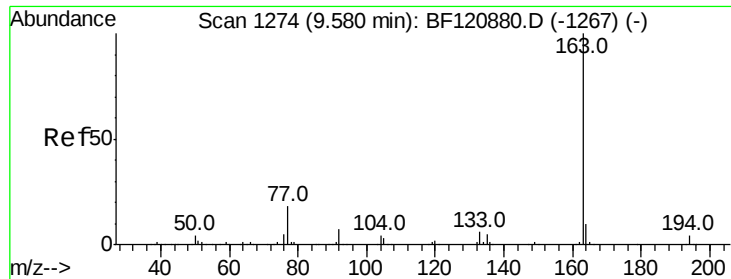


#45
 2-Fluorobiphenyl
 Concen: 74.403 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121226.D
 Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1375203		
171	35.9	29.0	43.4	
170	24.3	19.6	29.4	

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





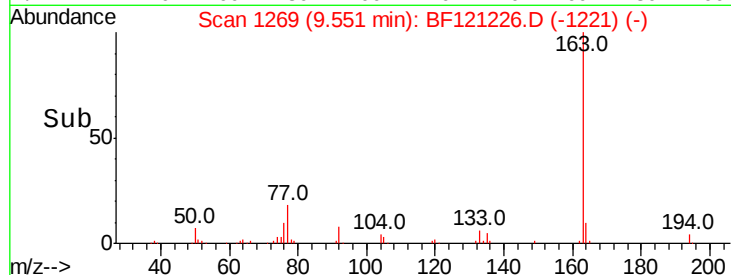
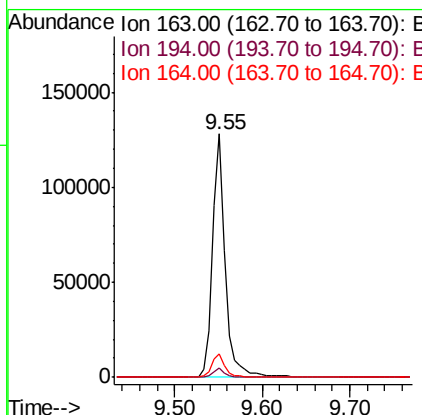
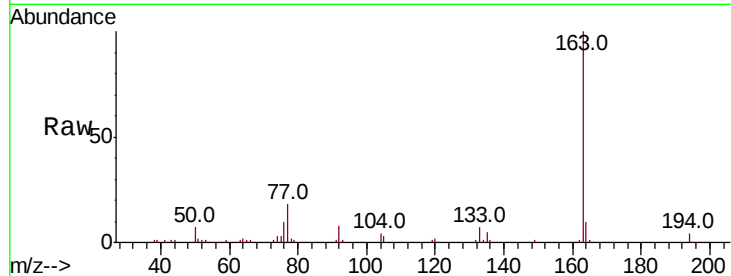
#50
Dimethylphthalate
Concen: 6.556 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	3.0	4.4	
164	9.8	8.4	12.6	

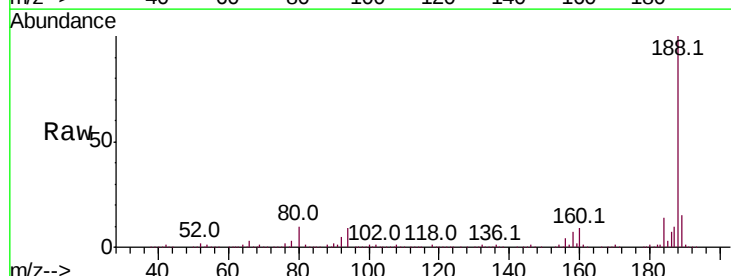
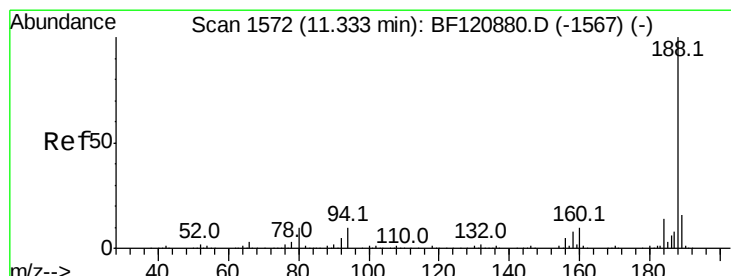
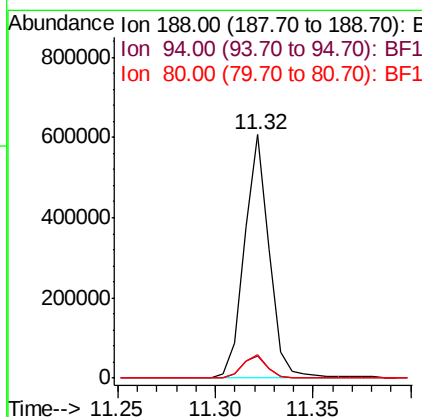
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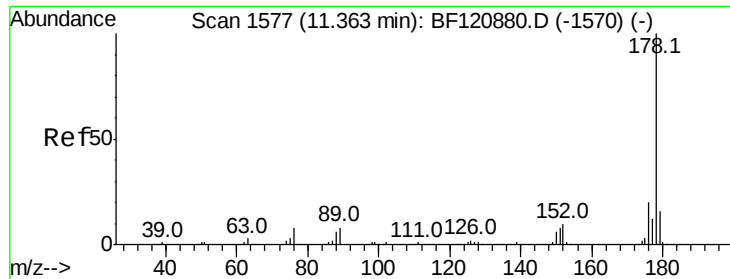
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	8.0	12.0	
80	9.8	8.3	12.5	





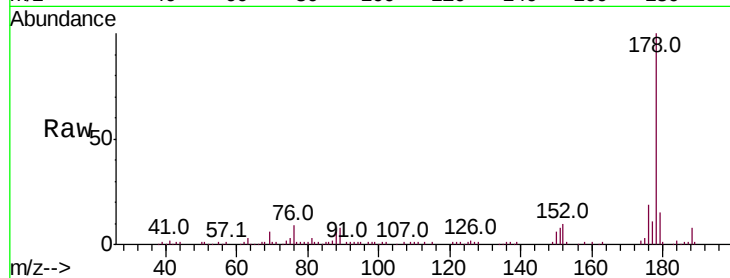
#71
Phenanthrene
Concen: 3.579 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.2
179	14.8	12.6	19.0

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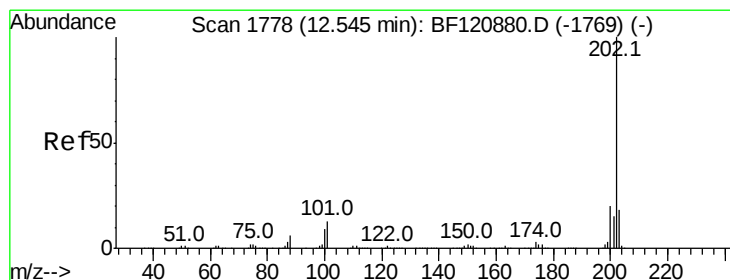
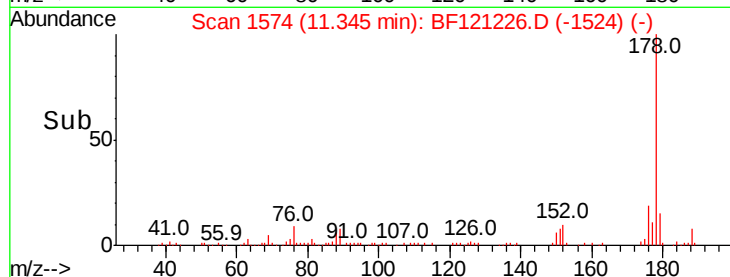
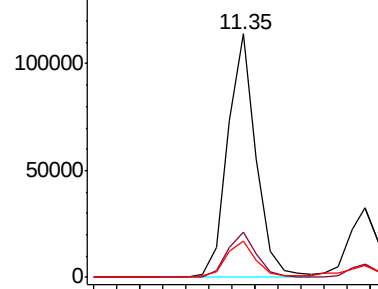


Abundance

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: 10.306 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

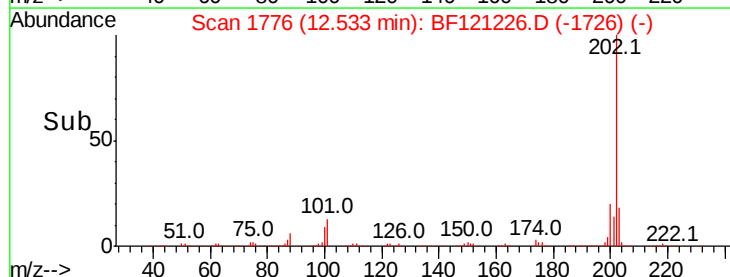
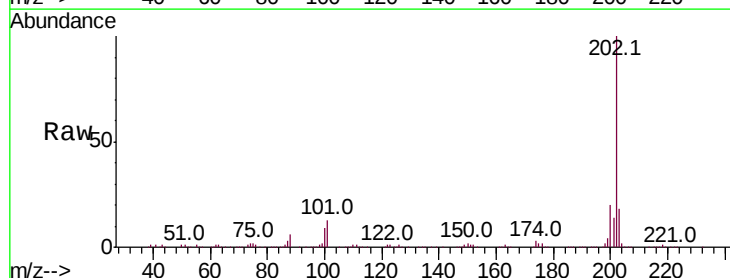
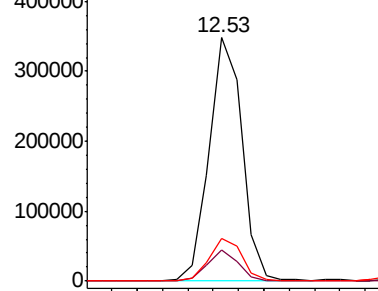
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.5
203	17.8	0.0	37.7

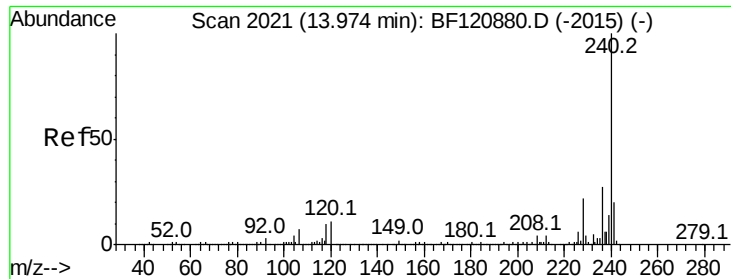
Abundance

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





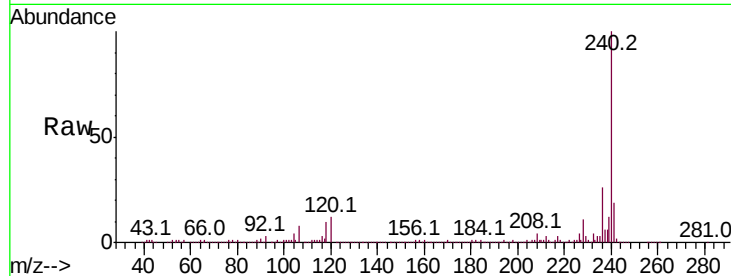
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

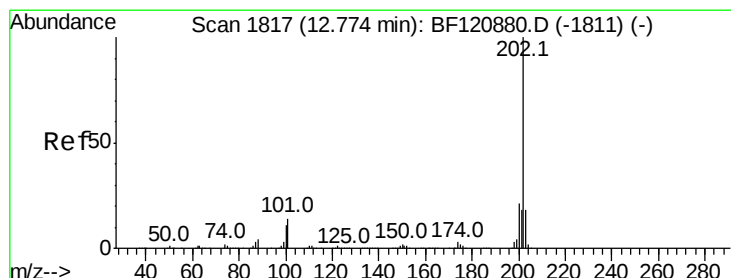
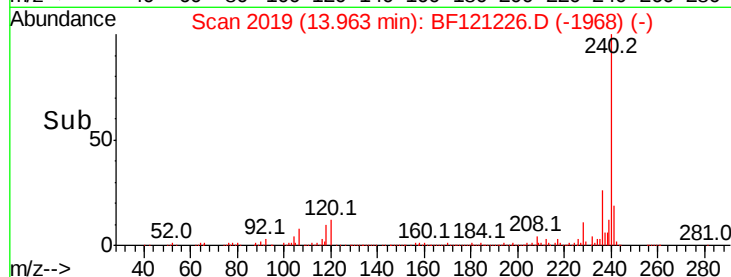
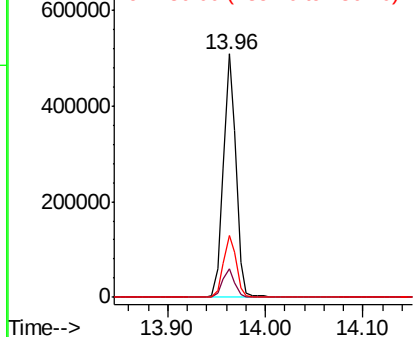
Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	9.3	13.9
236	25.6	21.1	31.7

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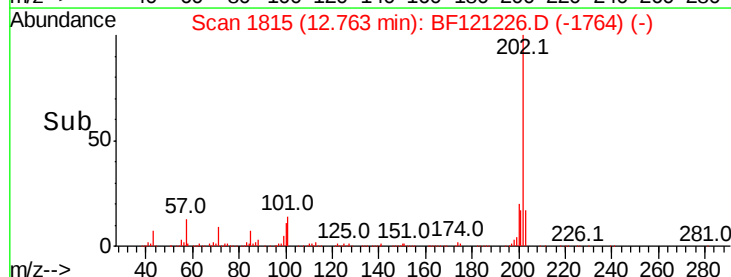
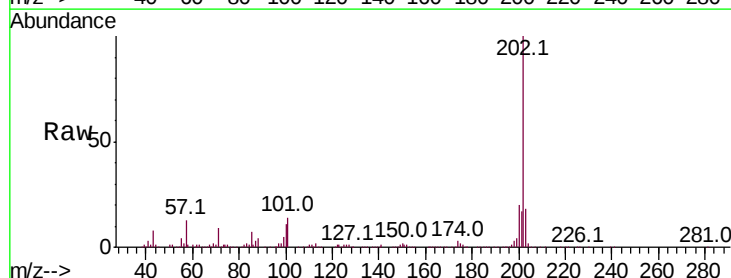
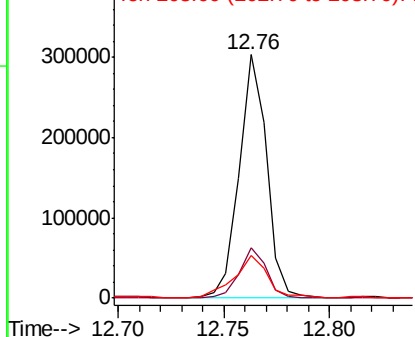
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

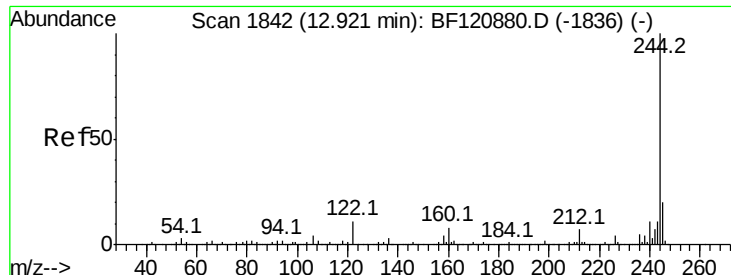


#78
Pyrene
Concen: 8.469 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.0	25.6
203	17.7	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





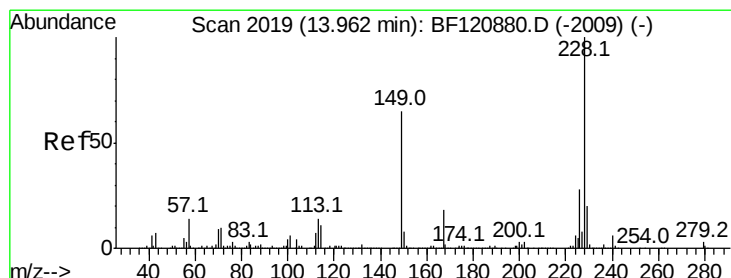
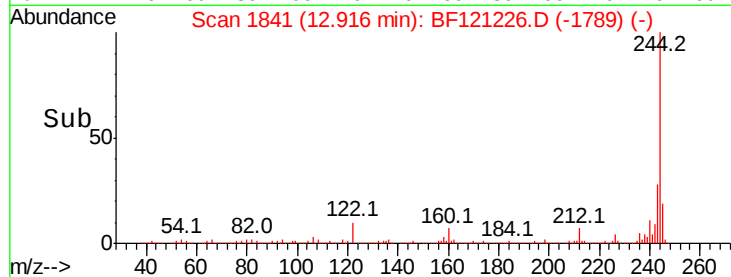
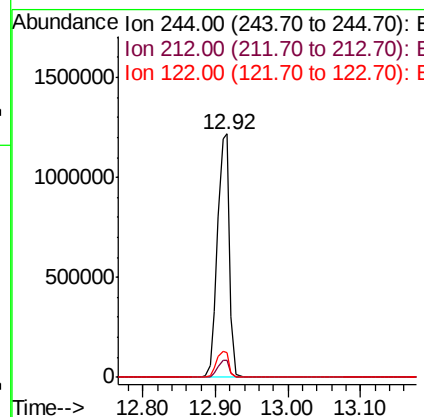
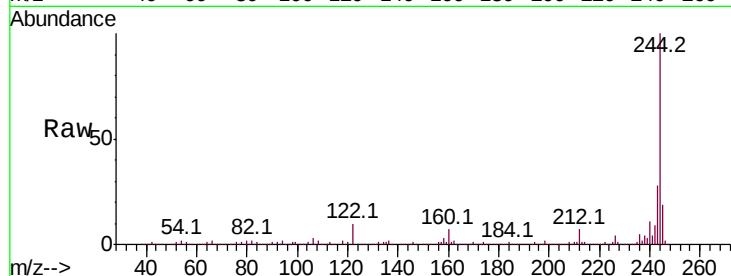
#79
 Terphenyl-d14
 Concen: 66.842 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121226.D
 Acq: 7 Aug 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 CRT-017

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.9	8.3	12.5

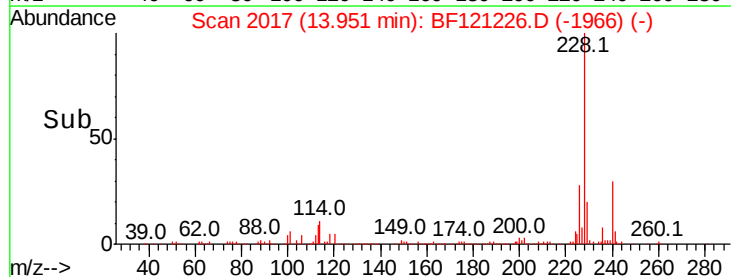
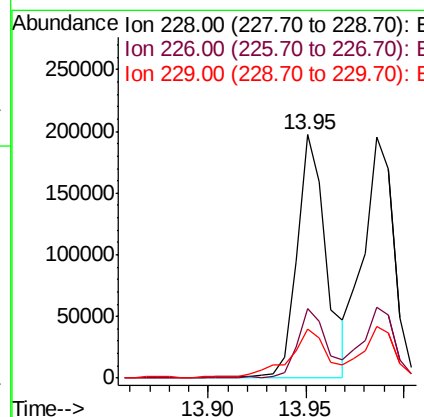
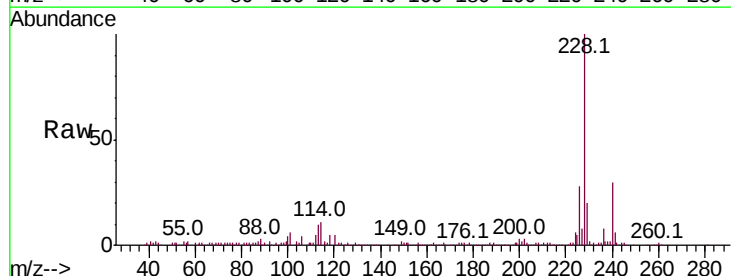
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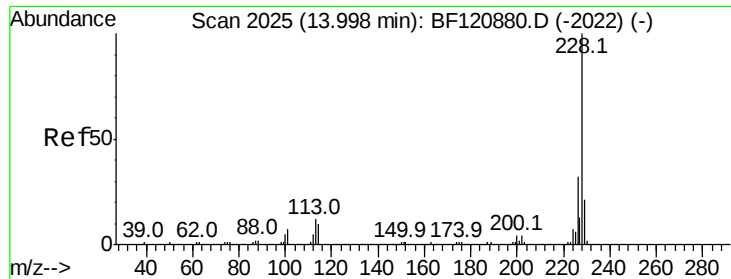
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#81
 Benzo(a)anthracene
 Concen: 7.390 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF121226.D
 Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	20.2	16.1	24.1





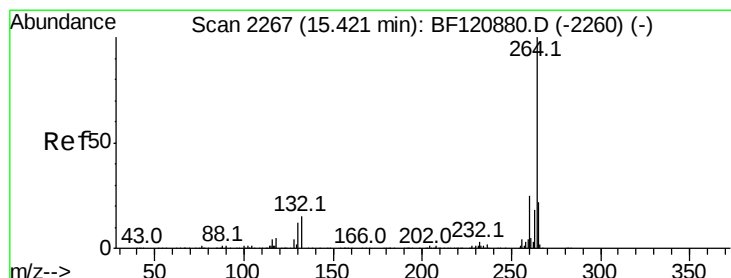
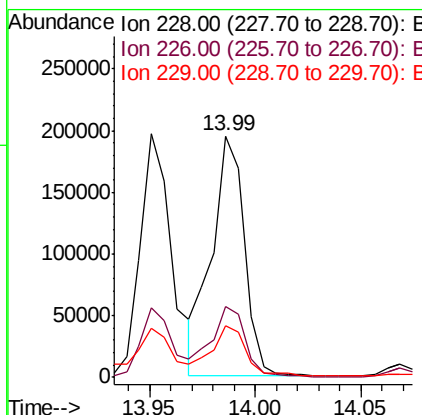
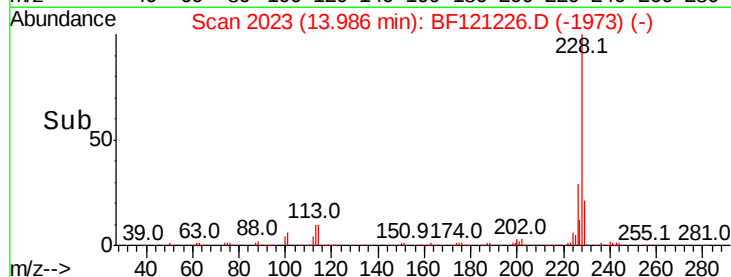
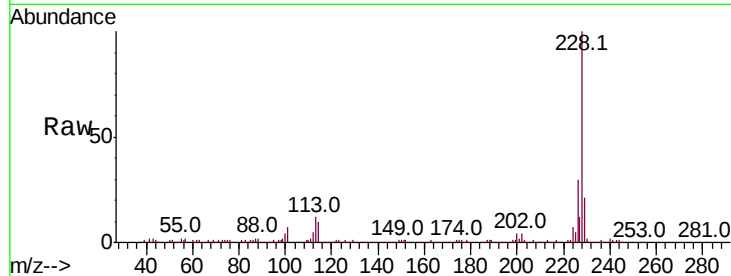
#83
Chrysene
Concen: 7.281 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampled :
CRT-017

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	21.3	16.2	24.4

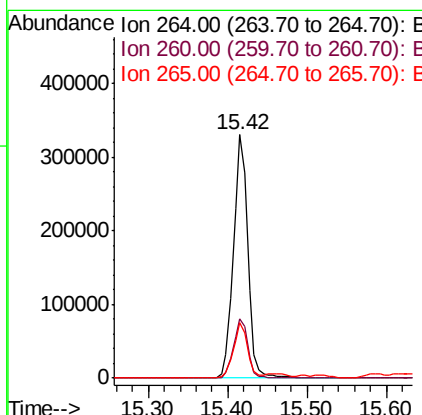
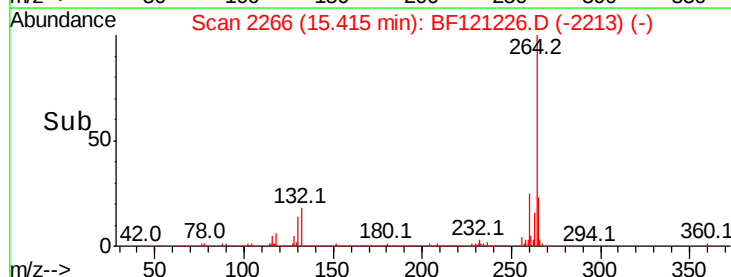
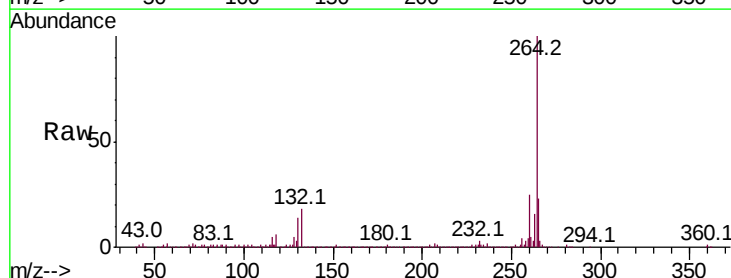
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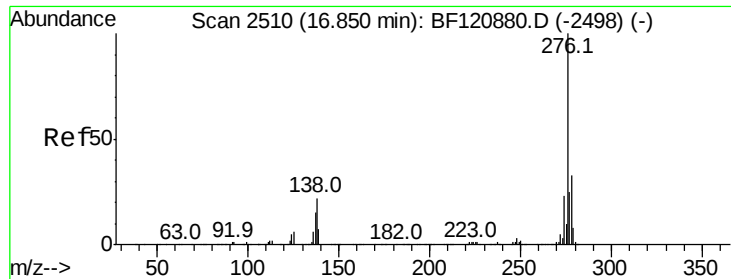
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	22.6	17.8	26.8





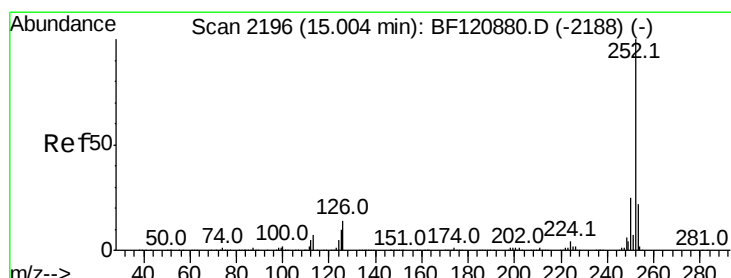
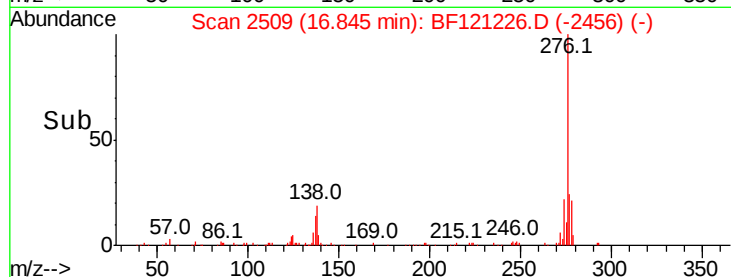
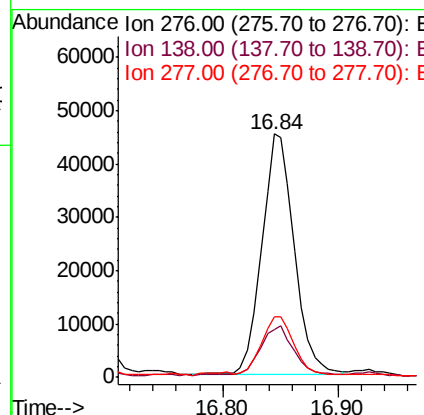
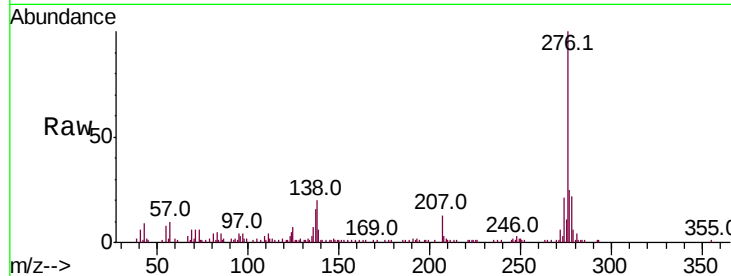
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.051 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BF121226.D
 Acq: 7 Aug 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 CRT-017

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.3	28.9
277	24.6	20.1	30.1

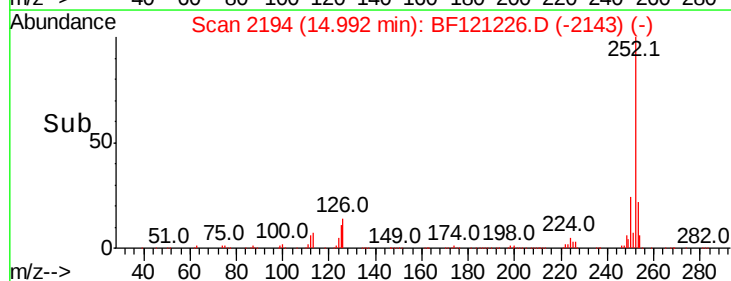
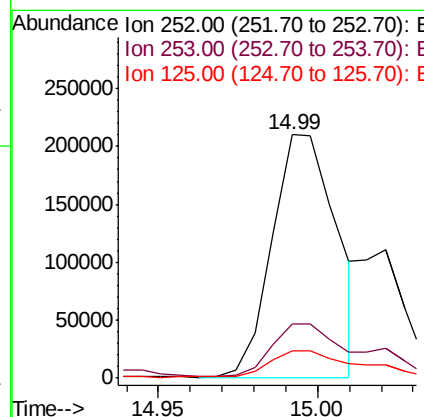
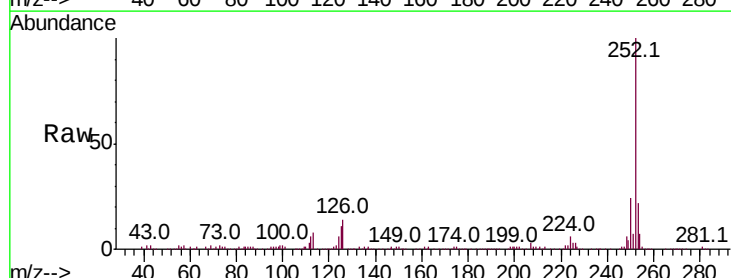
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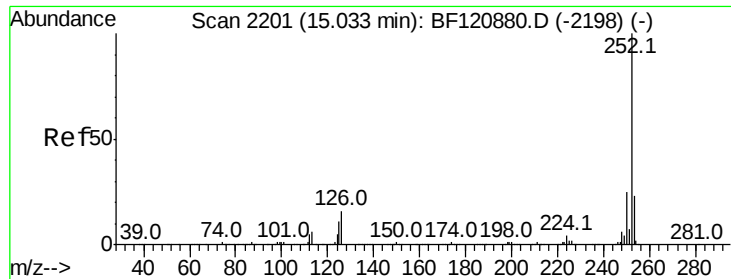
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 11.780 ng m
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF121226.D
 Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.4	8.1	12.1





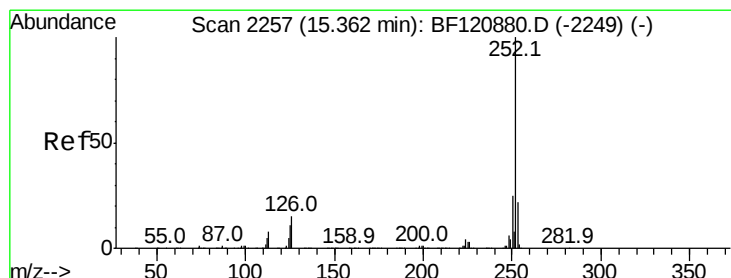
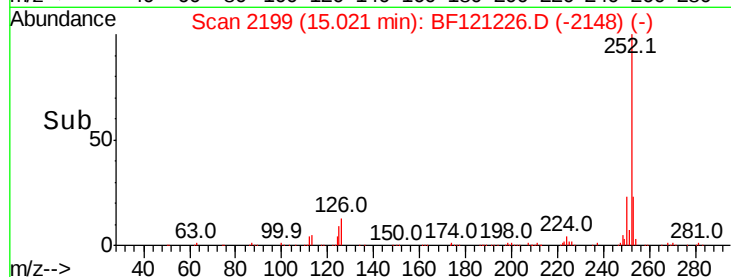
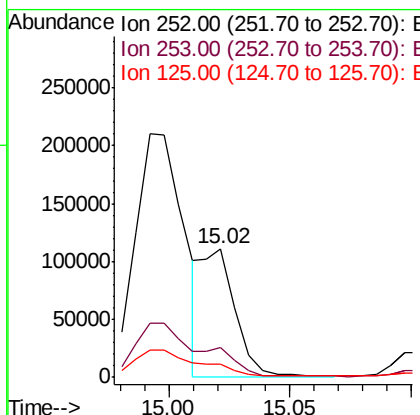
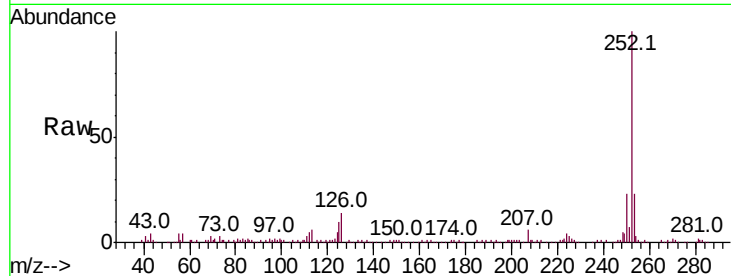
#89
Benzo(k)fluoranthene
Concen: 4.731 ng m
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	10.3	8.0	12.0

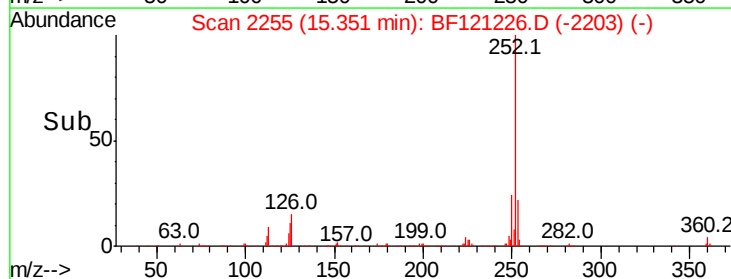
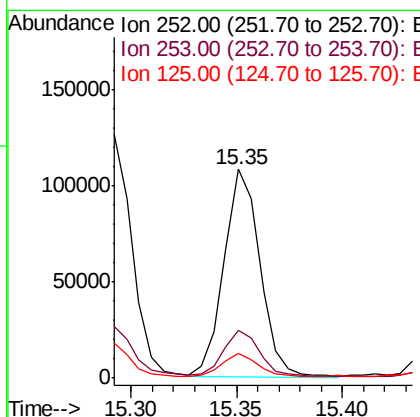
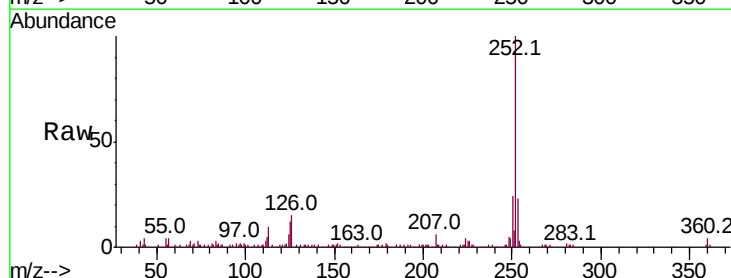
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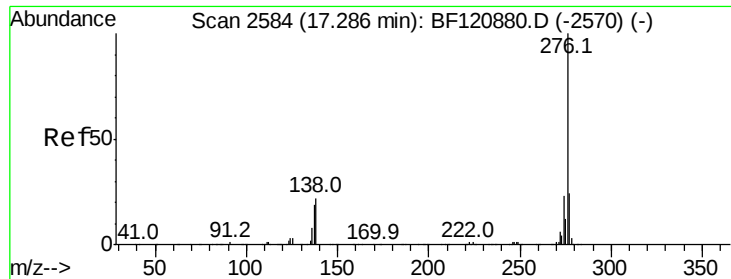
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#90
Benzo(a)pyrene
Concen: 5.562 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.7	9.5	14.3





#92
 Benzo(a,h,i)perylene
 Concen: 3.420 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.02 min
 Lab File: BF121226.D
 Acq: 7 Aug 2020 11:13

Instrument :
 BNA_F
 ClientSampleId :
 CRT-017

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.4	29.0
138	21.7	17.2	25.8

Manual Integrations
 APPROVED

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