

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121000.D
 Acq On : 24 Jul 2020 13:45
 Operator : JU/CG
 Sample : L3410-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM-CON-B

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Quant Time: Jul 24 14:11:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	142895	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	506915	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	259920	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	467978	20.00	ng	0.00
76) Chrysene-d12	13.96	240	325032	20.00	ng	-0.01
86) Perylene-d12	15.41	264	364936	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	130387	14.96	ng	0.00
7) Phenol-d6	6.44	99	471039	41.83	ng	0.00
23) Nitrobenzene-d5	7.37	82	480682	54.87	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	10419	3.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	972081	55.84	ng	0.00
79) Terphenyl-d14	12.92	244	812428	54.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.56	163	96487	5.146	ng	100
71) Phenanthrene	11.35	178	112053	4.656	ng	96
75) Fluoranthene	12.54	202	179604	6.732	ng	97
78) Pyrene	12.77	202	176158	7.666	ng	99
81) Benzo(a)anthracene	13.96	228	83669	4.251	ng	97
83) Chrysene	13.99	228	83053	4.015	ng	97
87) Indeno(1,2,3-cd)pyrene	16.83	276	66571	2.623	ng	# 92
88) Benzo(b)fluoranthene	14.99	252	111769m	5.067	ng	
90) Benzo(a)pyrene	15.35	252	85639	4.255	ng	# 96
92) Benzo(g,h,i)perylene	17.26	276	67456	3.300	ng	97

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

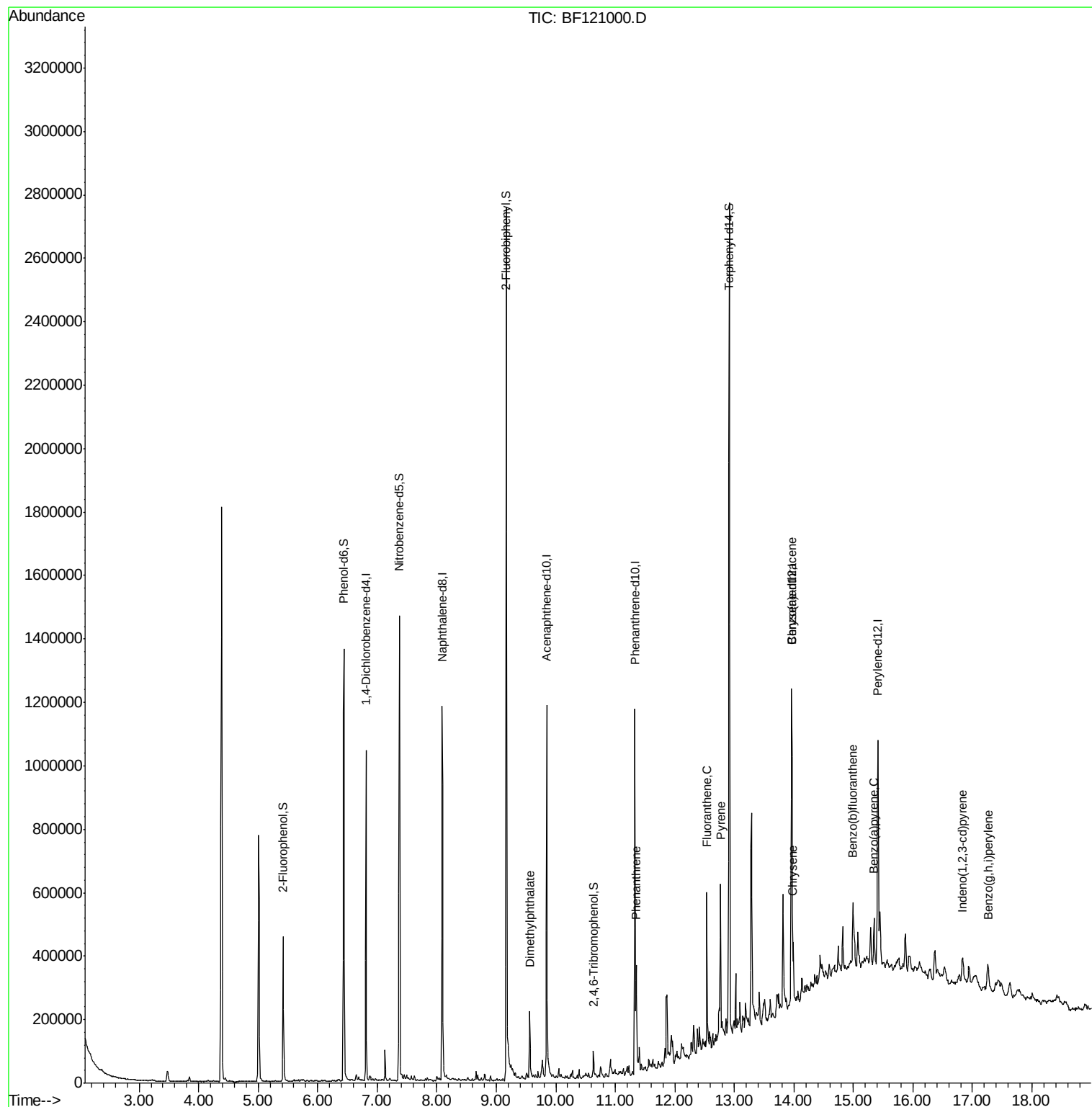
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121000.D
Acq On : 24 Jul 2020 13:45
Operator : JU/CG
Sample : L3410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

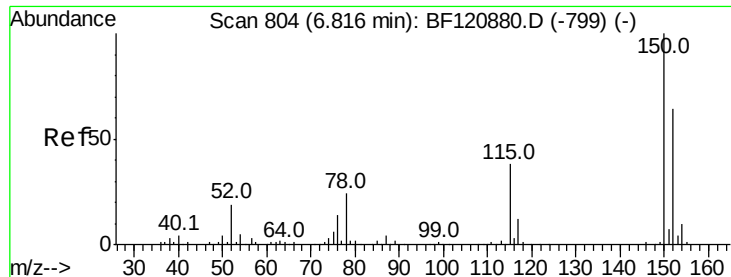
Instrument :
BNA_F
ClientSampleId :
FM-CON-B

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Quant Time: Jul 24 14:11:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration





#1

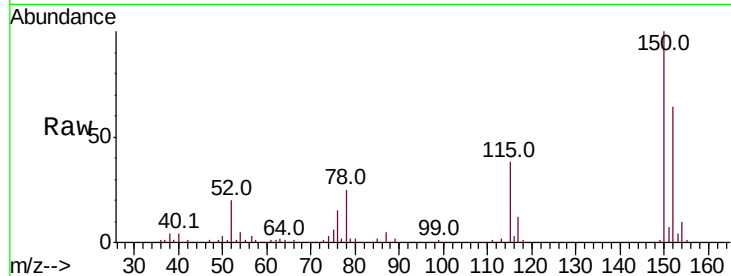
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Instrument :
BNA_F
ClientSampleId :
FM-CON-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.0	187.6
115	58.7	47.0	70.4

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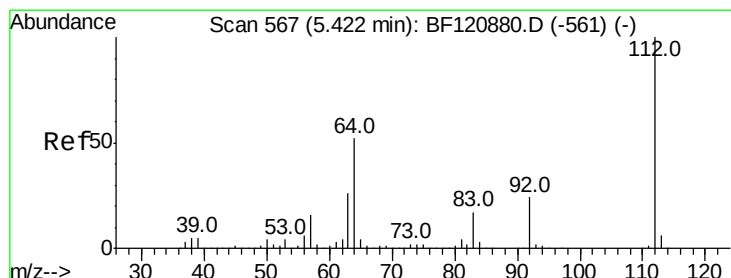
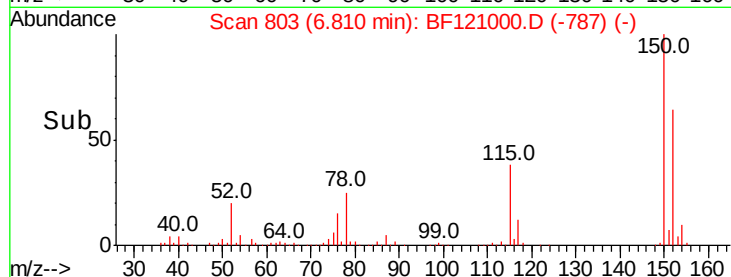
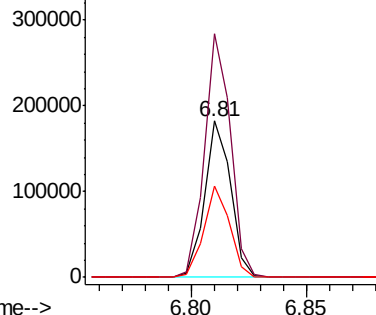


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

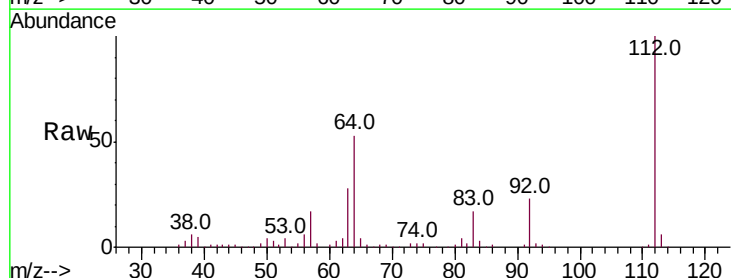
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.959 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.3	61.9
63	27.7	21.1	31.7

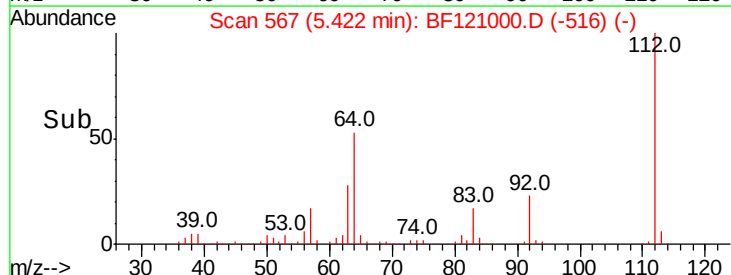
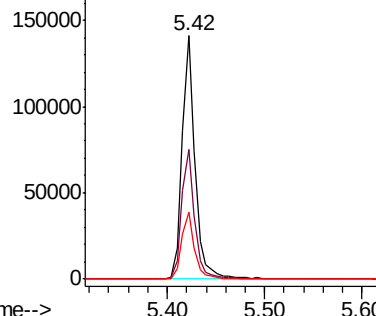


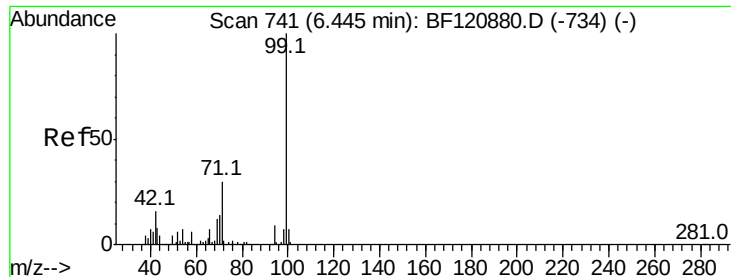
Abundance

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: 41.835 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121000.D

Acq: 24 Jul 2020 13:45

Instrument :

BNA_F

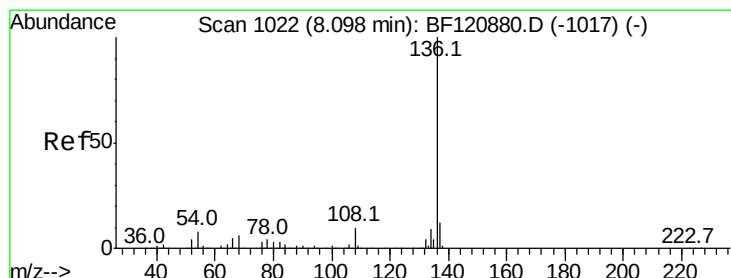
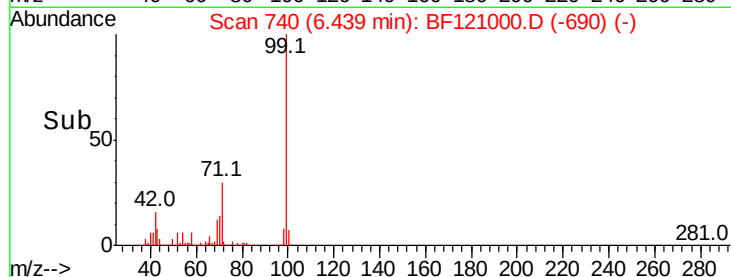
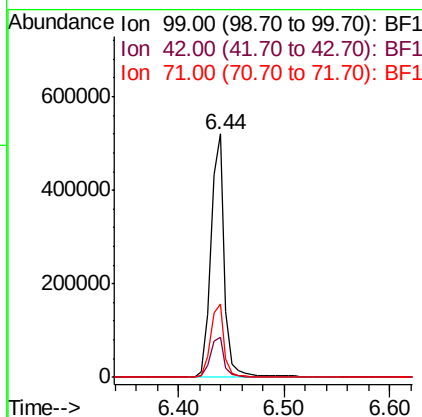
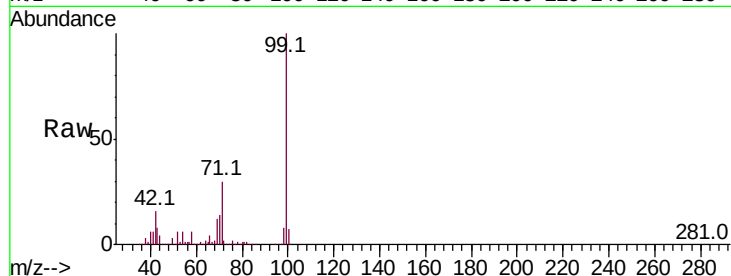
ClientSampleId :

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Tot Ion:	99	Resp:	471039
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	30.1	24.2	36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

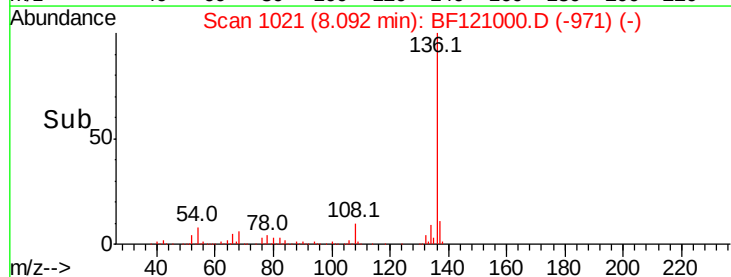
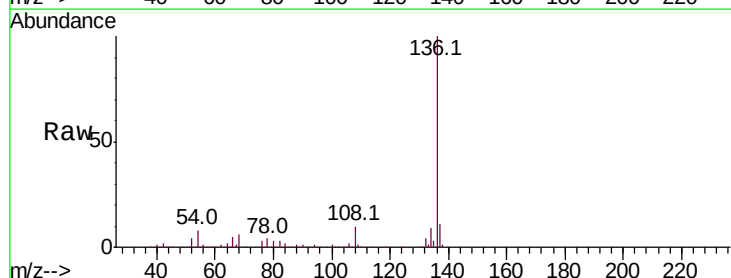
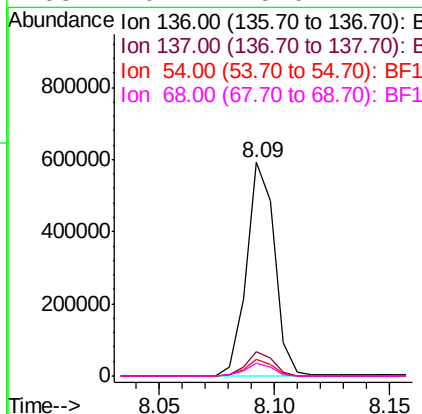
RT: 8.09 min Scan# 1021

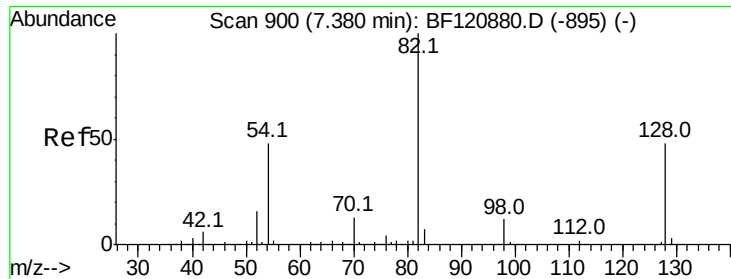
Delta R.T. -0.01 min

Lab File: BF121000.D

Acq: 24 Jul 2020 13:45

Tgt Ion:	136	Resp:	506915
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.8	6.3	9.5
68	6.1	5.0	7.4





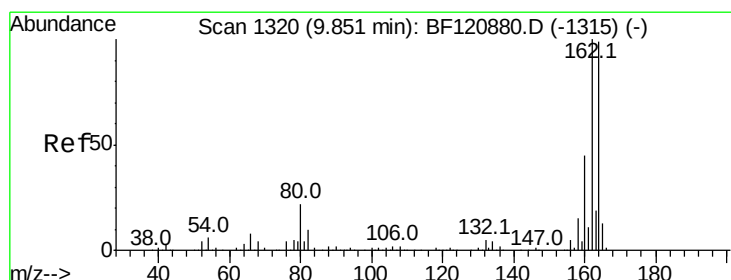
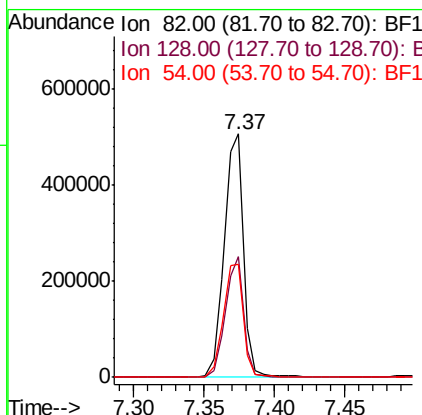
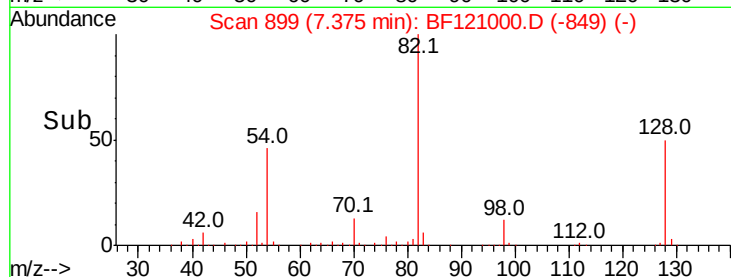
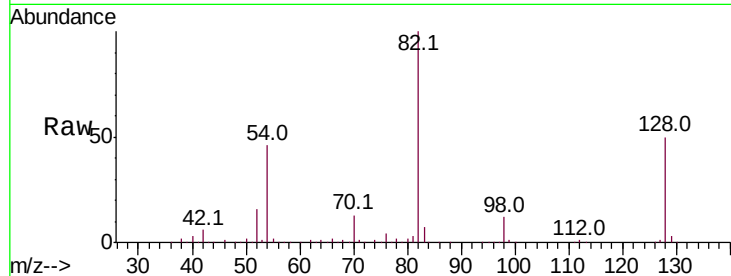
#23
Nitrobenzene-d5
Concen: 54.869 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Instrument :
BNA_F
ClientSampleId :
FM-CON-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.2	57.4
54	46.3	38.7	58.1

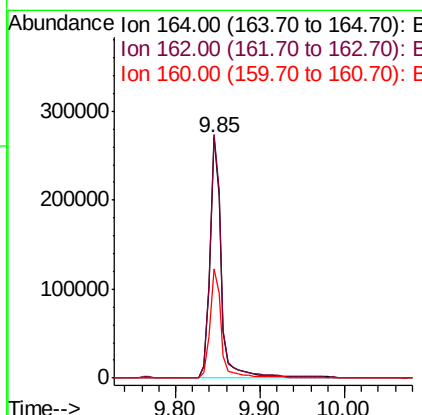
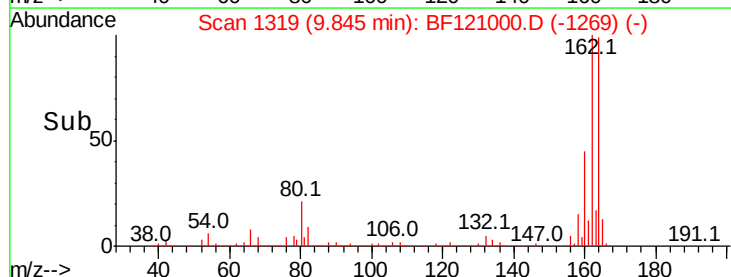
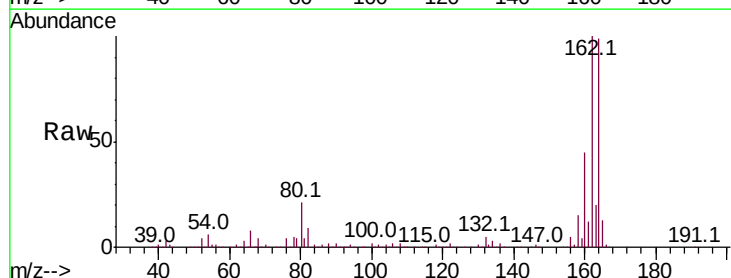
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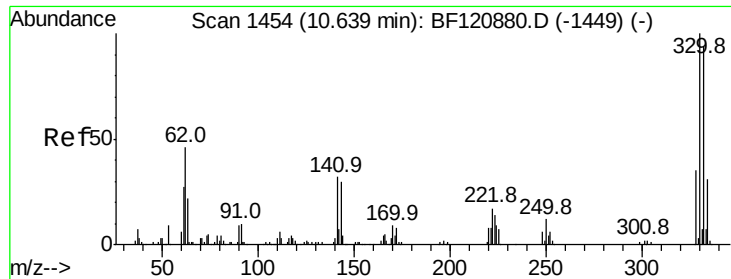
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	45.4	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 3.662 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF121000.D

Acq: 24 Jul 2020 13:45

Instrument :

BNA_F

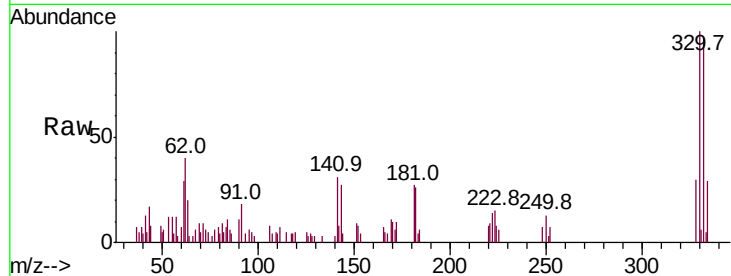
ClientSampled :

FM-CON-B

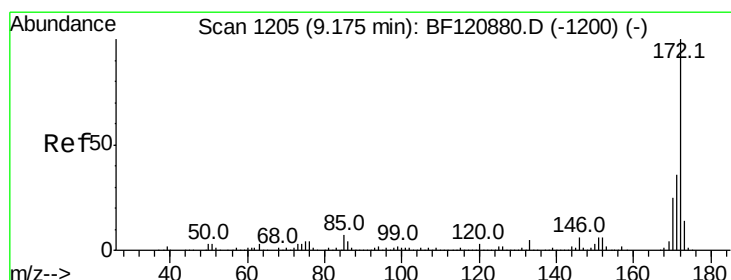
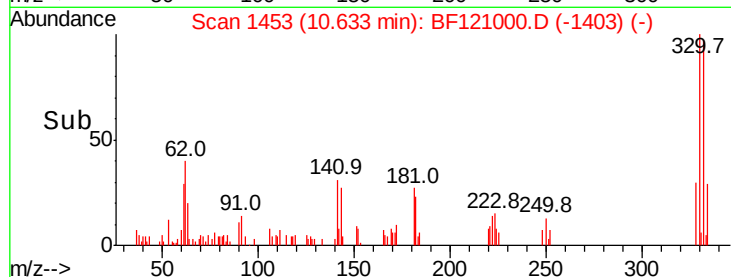
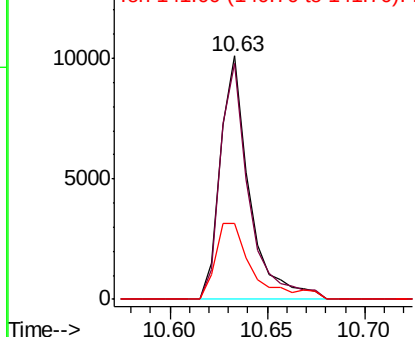
Tot Ion:	330	Resp:	10419
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.5	113.3
141	40.1	25.7	38.5#

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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: 55.839 ng

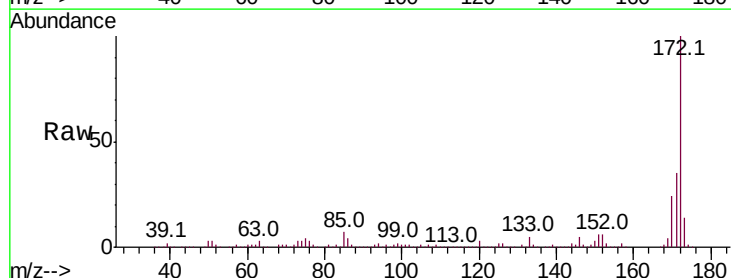
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

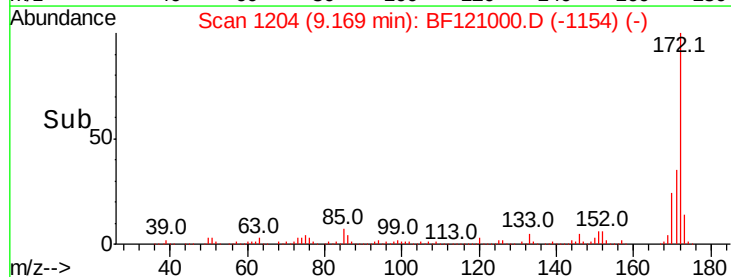
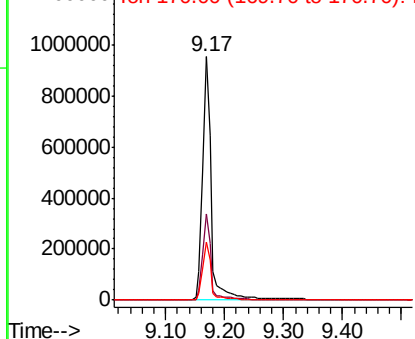
Lab File: BF121000.D

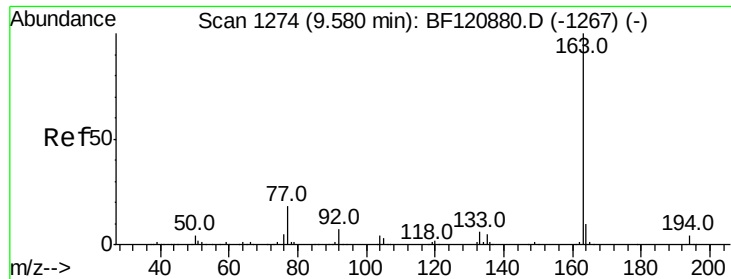
Acq: 24 Jul 2020 13:45

Tgt Ion:	172	Resp:	972081
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.0	43.4
170	24.0	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: 5.146 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121000.D

Acq: 24 Jul 2020 13:45

Instrument :

BNA_F

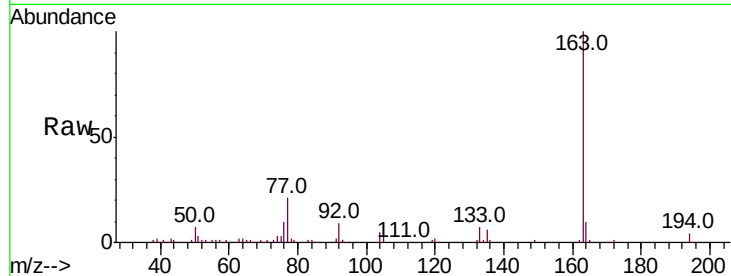
ClientSampleId :

FM-CON-B

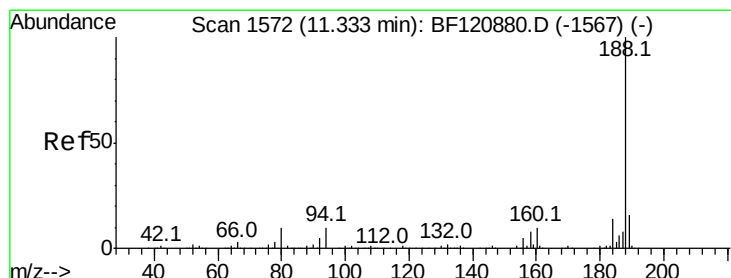
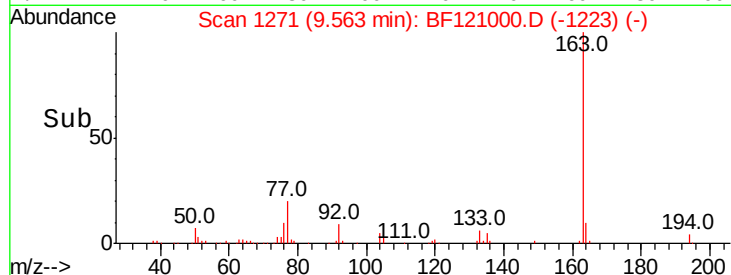
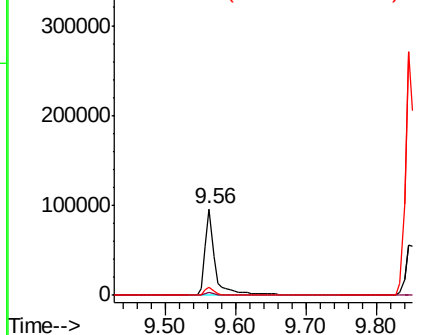
Tot Ion:	163	Resp:	96487
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.8	7.9	11.9

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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

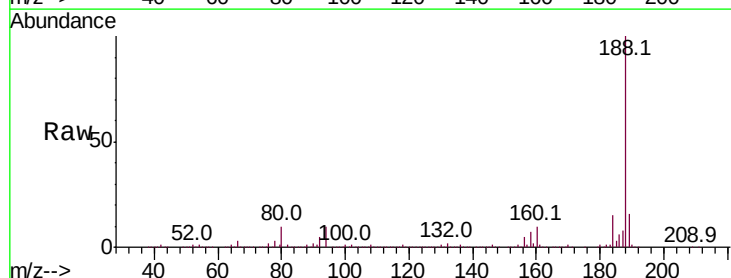
RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

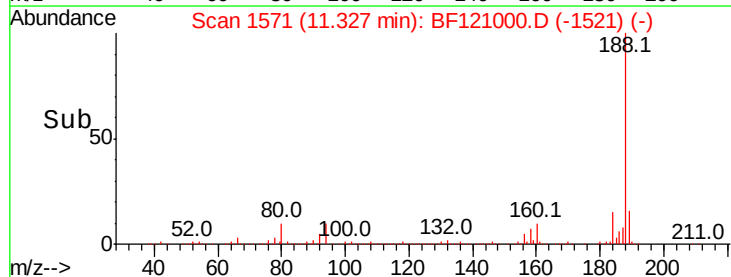
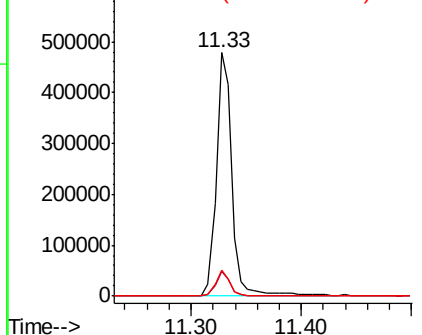
Lab File: BF121000.D

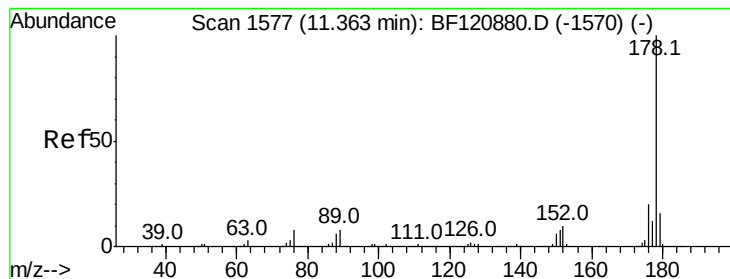
Acq: 24 Jul 2020 13:45

Tgt Ion:	188	Resp:	467978
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.0	12.0
80	10.4	8.3	12.5



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: 4.656 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF121000.D

Acq: 24 Jul 2020 13:45

Instrument :

BNA_F

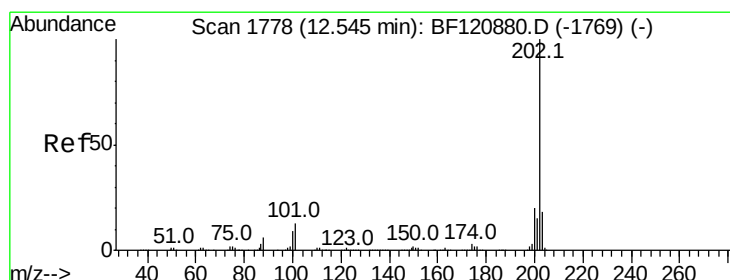
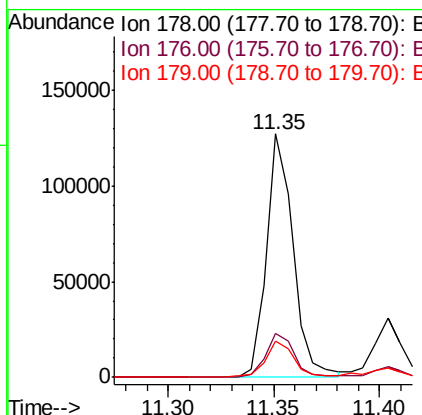
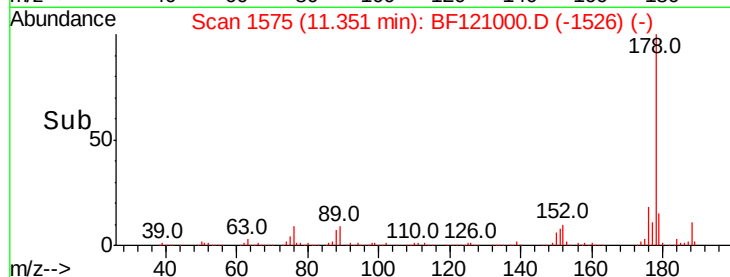
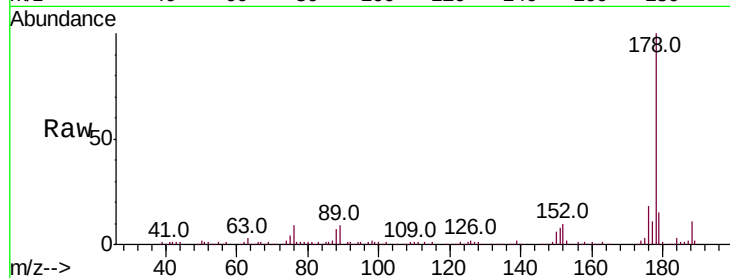
ClientSampleId :

FM-CON-B

Tot Ion:	178	Resp:	112053
Ion Ratio	Lower	Upper	
178	100		
176	18.2	16.2	24.4
179	14.9	12.8	19.2

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#75

Fluoranthene

Concen: 6.732 ng

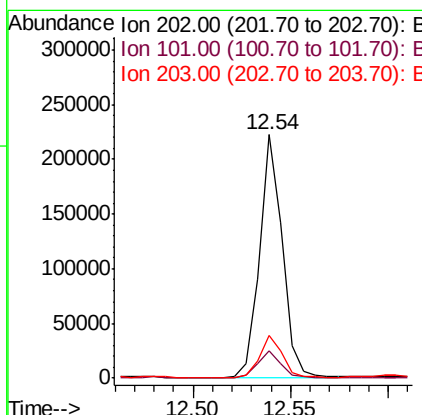
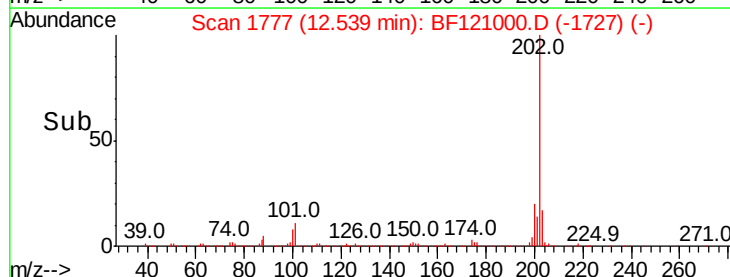
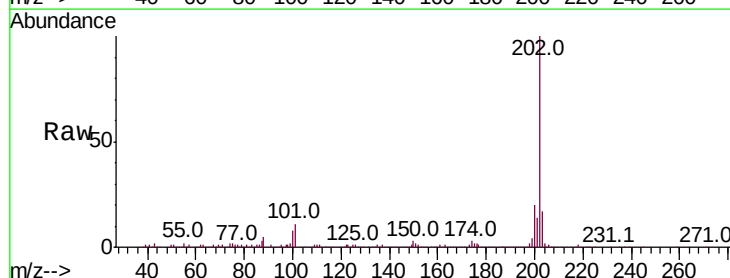
RT: 12.54 min Scan# 1777

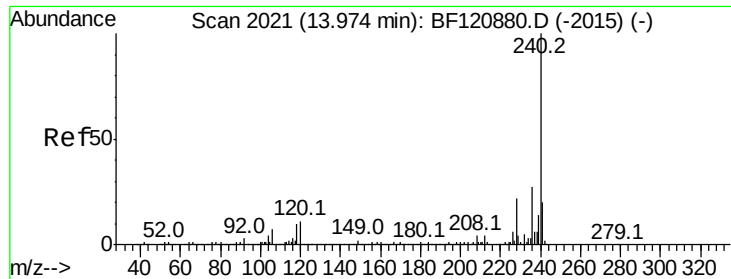
Delta R.T. -0.01 min

Lab File: BF121000.D

Acq: 24 Jul 2020 13:45

Tgt Ion:	202	Resp:	179604
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	32.7
203	17.3	0.0	38.0





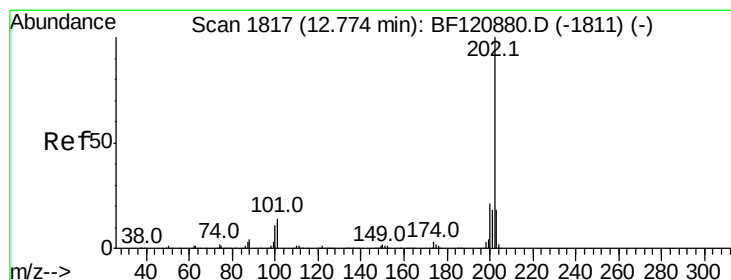
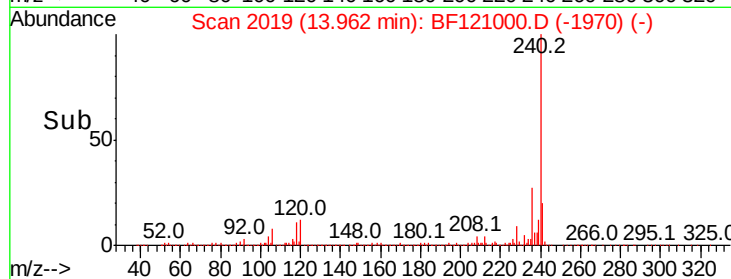
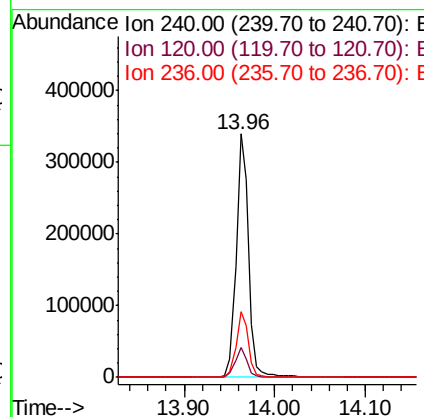
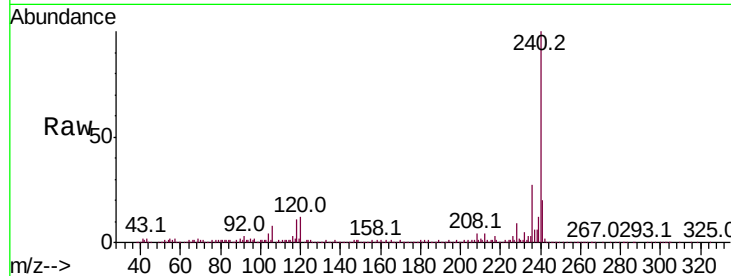
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Instrument :
BNA_F
ClientSampleId :
FM-CON-B

Tot Ion	Ratio	Resp	Lower	Upper
240	100	325032		
120	12.1	9.0	13.4	
236	26.9	21.7	32.5	

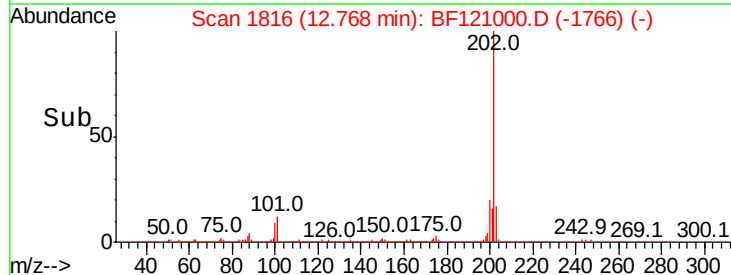
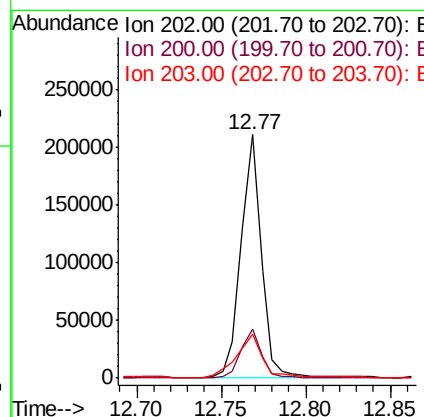
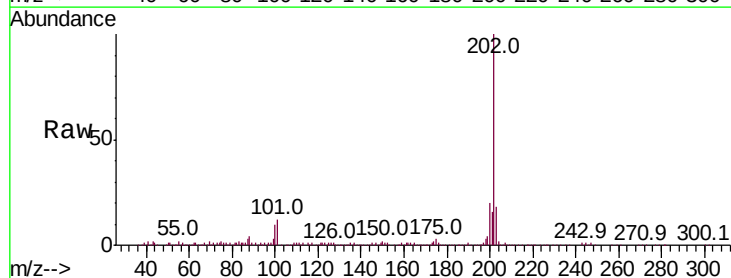
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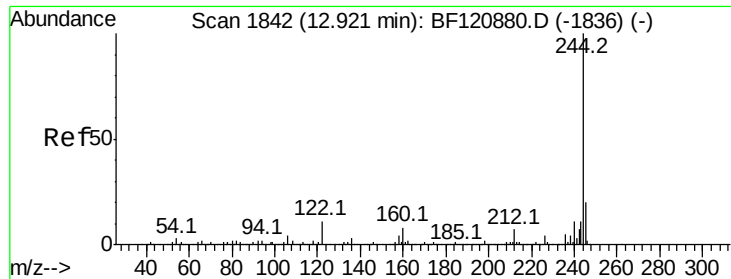
mohammad
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#78
Pyrene
Concen: 7.666 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	176158		
200	20.3	17.0	25.4	
203	17.9	14.4	21.6	





#79

Terphenyl-d14

Concen: 54.334 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF121000.D

Acq: 24 Jul 2020 13:45

Instrument :

BNA_F

ClientSampleId :

FM-CON-B

Tot Ion:244 Resp: 812428

Ion Ratio Lower Upper

244 100

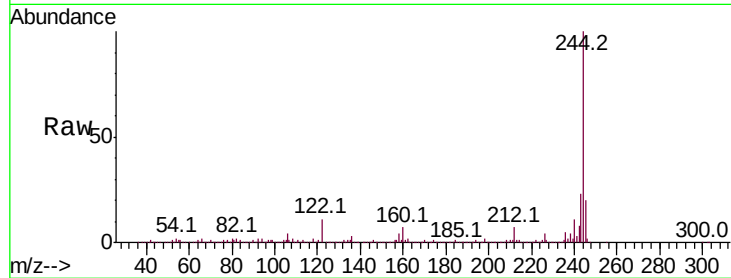
212 6.9 5.6 8.4

122 11.3 8.9 13.3

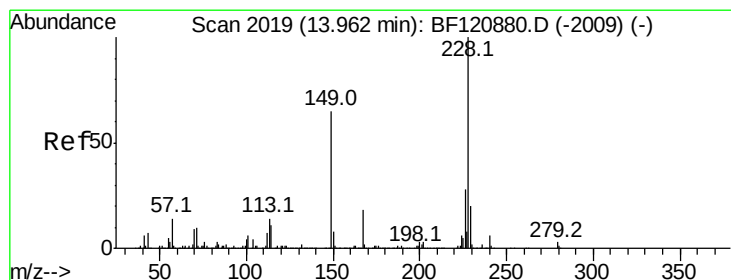
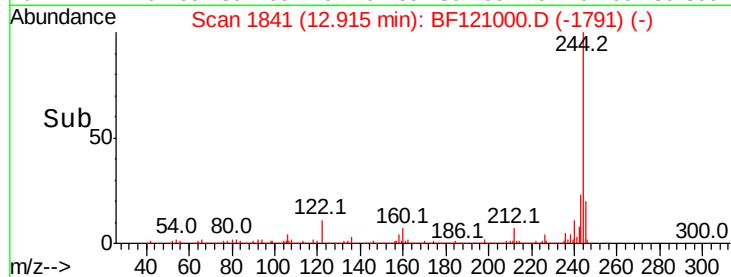
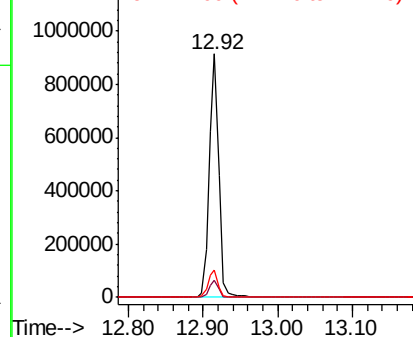
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.251 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121000.D

Acq: 24 Jul 2020 13:45

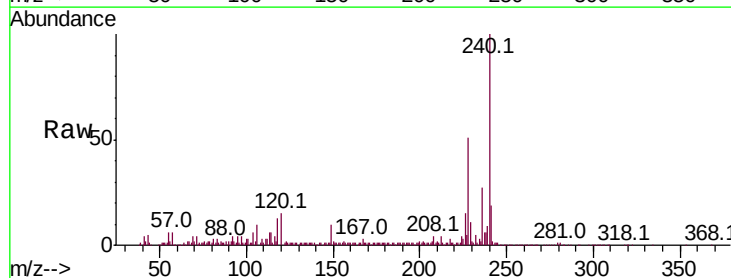
Tgt Ion:228 Resp: 83669

Ion Ratio Lower Upper

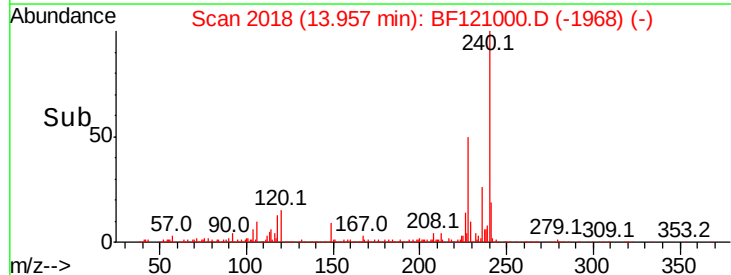
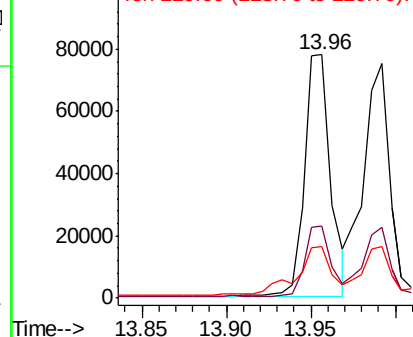
228 100

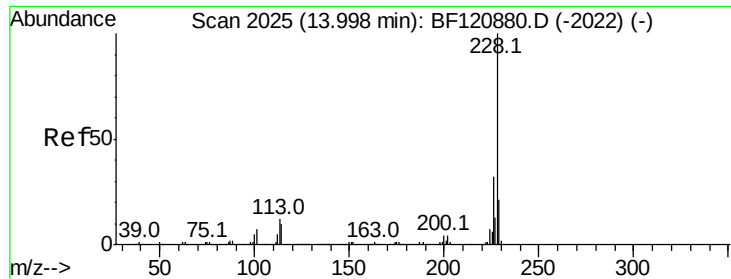
226 29.5 22.3 33.5

229 21.2 16.1 24.1



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





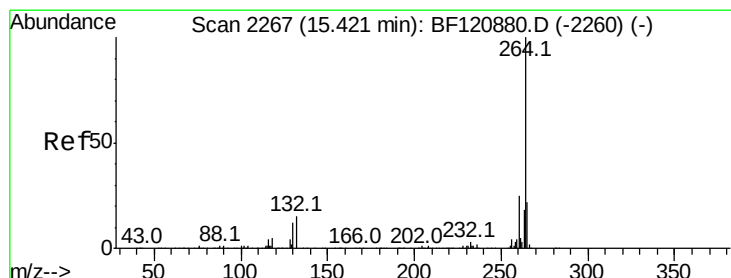
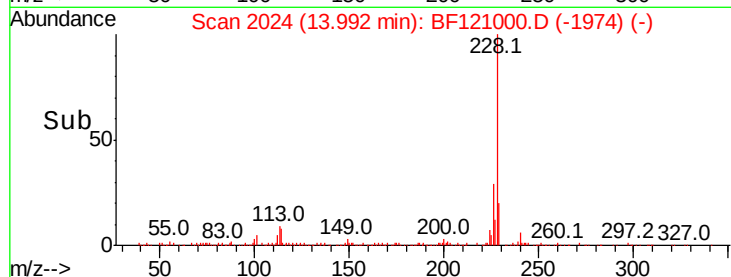
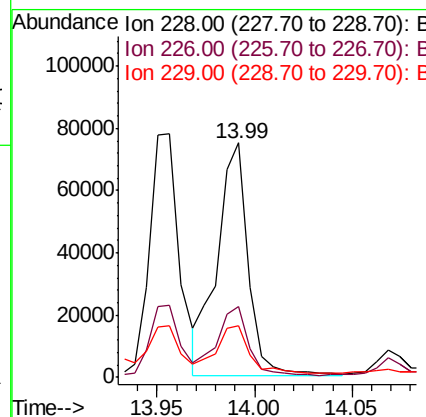
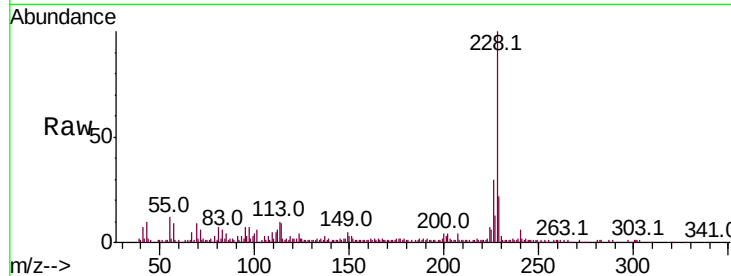
#83
Chrysene
Concen: 4.015 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Instrument :
BNA_F
ClientSampleId :
FM-CON-B

Tot Ion:	228	Resp:	83053
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.6	38.4
229	22.1	16.8	25.2

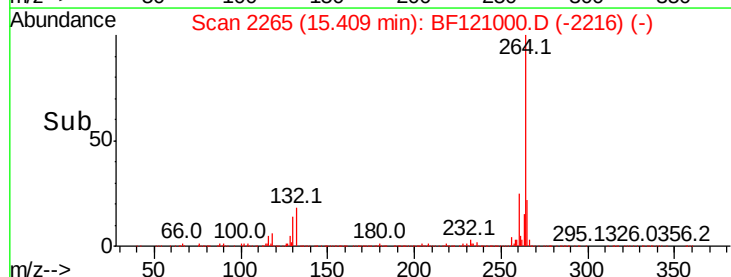
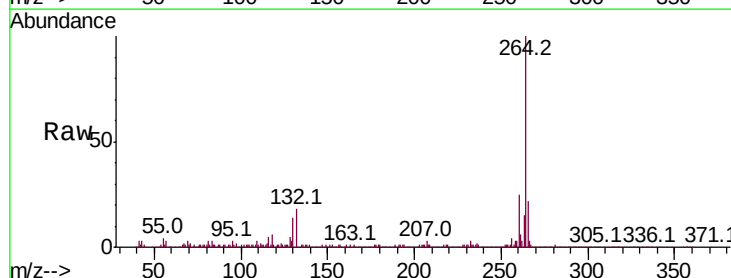
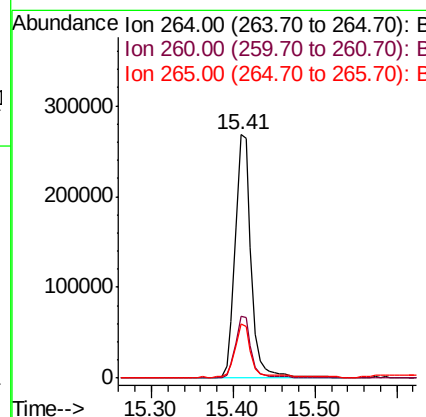
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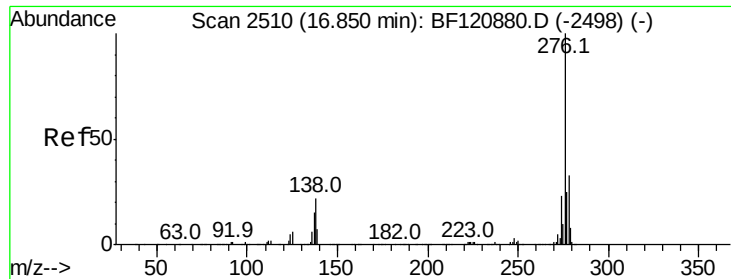
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Tgt Ion:	264	Resp:	364936
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.0	30.0
265	22.4	17.4	26.2





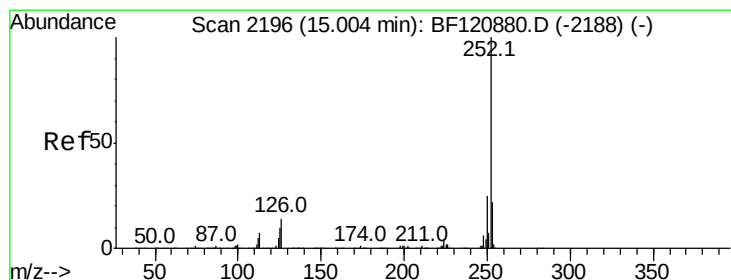
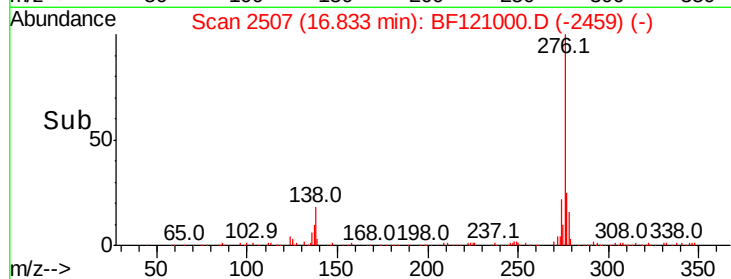
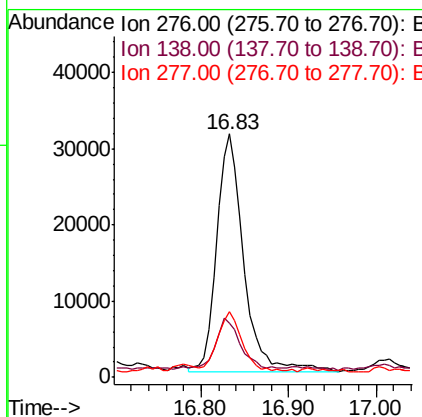
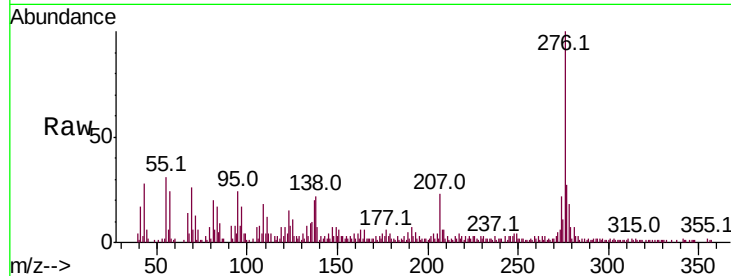
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.623 ng
 RT: 16.83 min Scan# 2507
 Delta R.T. -0.02 min
 Lab File: BF121000.D
 Acq: 24 Jul 2020 13:45

Instrument :
 BNA_F
 ClientSampleId :
 FM-CON-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	19.8	29.8#
277	22.8	20.2	30.2

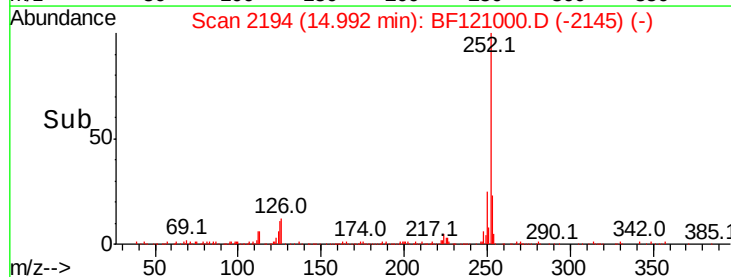
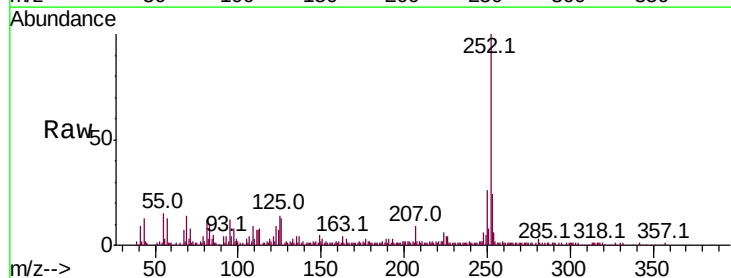
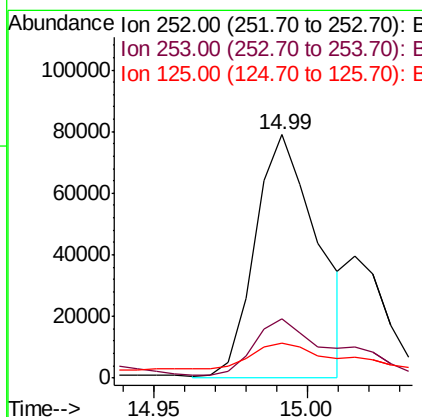
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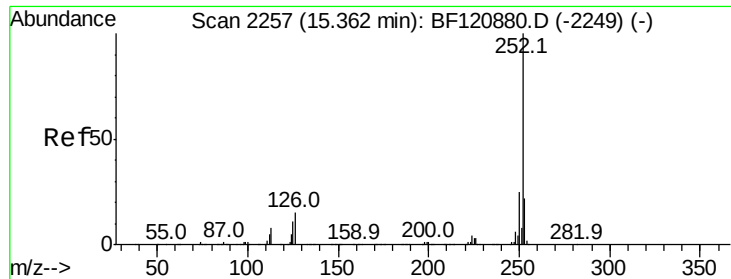
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#88
 Benzo(b)fluoranthene
 Concen: 5.067 ng m
 RT: 14.99 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BF121000.D
 Acq: 24 Jul 2020 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	14.3	8.3	12.5#





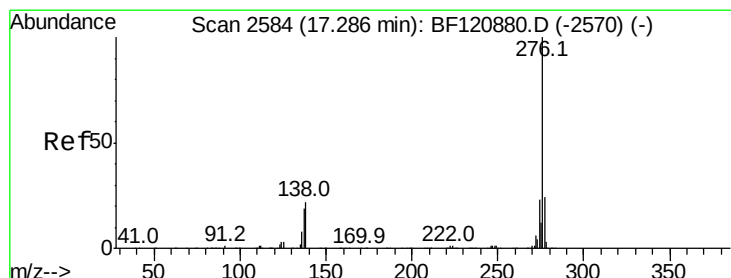
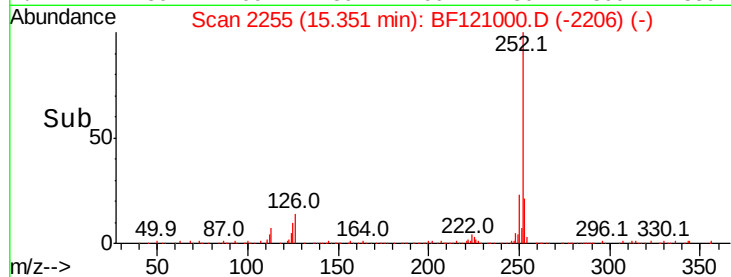
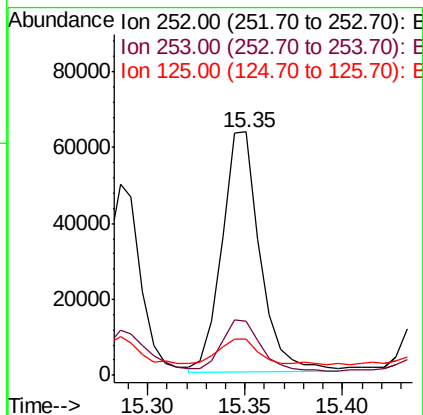
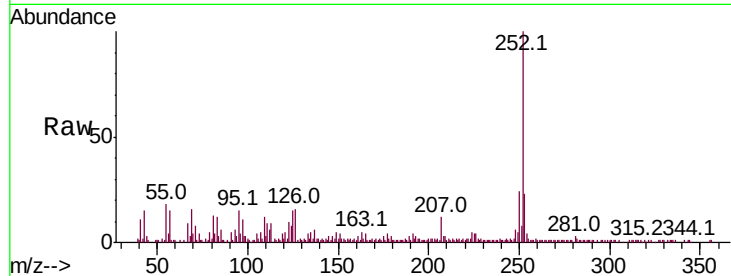
#90
Benzo(a)pyrene
Concen: 4.255 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Instrument :
BNA_F
ClientSampleId :
FM-CON-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	15.1	8.9	13.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.300 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF121000.D
Acq: 24 Jul 2020 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	23.0	17.5	26.3

