

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121012.D
 Acq On : 24 Jul 2020 19:50
 Operator : JU/CG
 Sample : L3381-04 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 347-GRID-B1-B2

Manual Integrations
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Quant Time: Jul 25 00:40:12 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	6.82	152	173066	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	589668	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	284303	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	450863	20.00	ng	0.00
76) Chrysene-d12	13.97	240	410873	20.00	ng	0.00
86) Perylene-d12	15.42	264	463781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	592826	56.16	ng	0.00
7) Phenol-d6	6.44	99	701621	51.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	207741	20.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	142088	45.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	433503	22.77	ng	0.00
79) Terphenyl-d14	12.92	244	342586	18.13	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	139582	6.805	ng	99
71) Phenanthrene	11.36	178	279452	12.052	ng	99
72) Anthracene	11.40	178	77261	3.318	ng	99
75) Fluoranthene	12.55	202	483270	18.803	ng	97
78) Pyrene	12.77	202	450198	15.498	ng	99
81) Benzo(a)anthracene	13.96	228	247848	9.962	ng	96
83) Chrysene	13.99	228	234587	8.972	ng	97
87) Indeno(1,2,3-cd)pyrene	16.84	276	133761	4.147	ng	94
88) Benzo(b)fluoranthene	15.00	252	314695m	11.226	ng	
89) Benzo(k)fluoranthene	15.02	252	108835m	4.257	ng	
90) Benzo(a)pyrene	15.36	252	224299	8.770	ng	97
92) Benzo(a,h,i)perylene	17.27	276	116692	4.492	ng	96

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

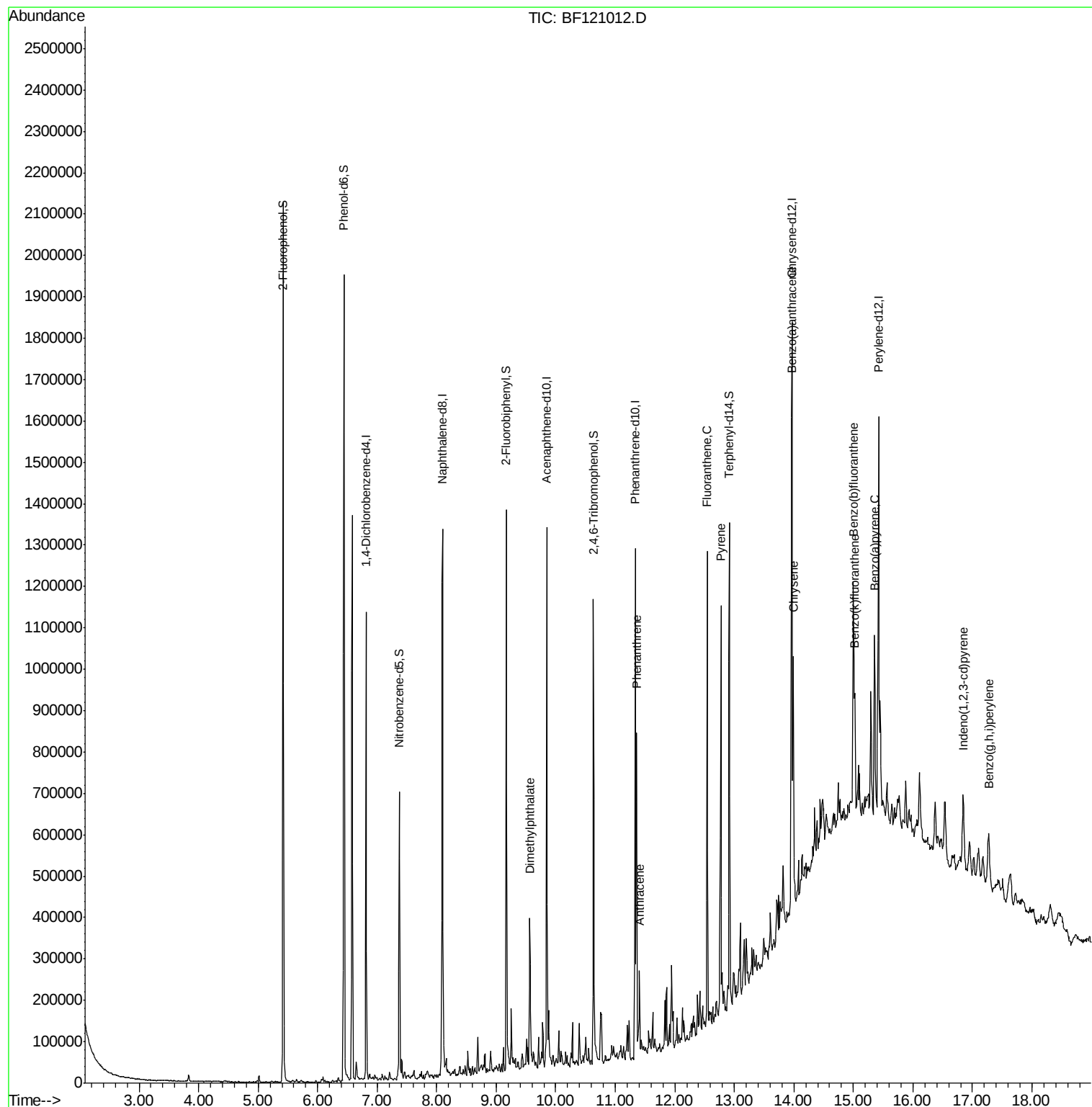
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121012.D
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Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

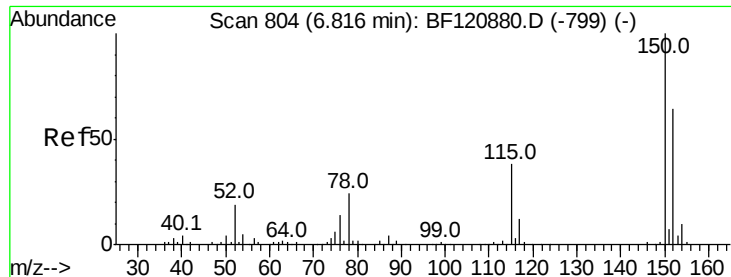
Instrument :
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#1

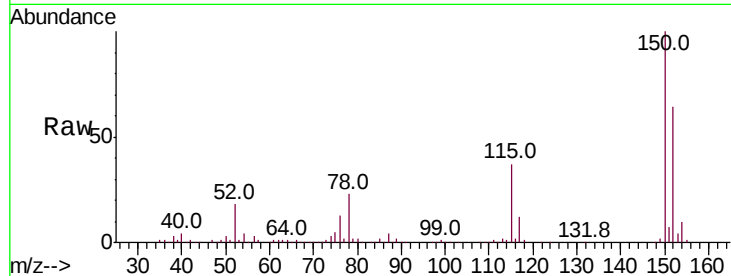
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.0	187.6
115	57.0	47.0	70.4

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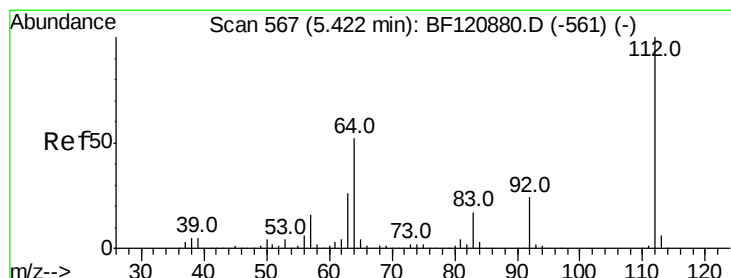
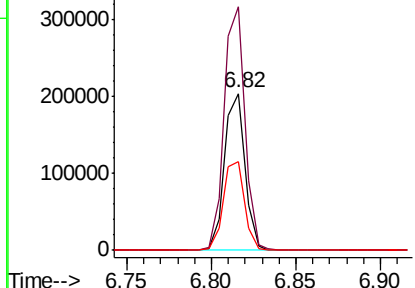
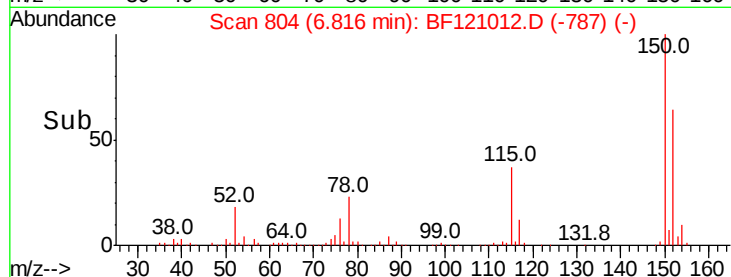


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

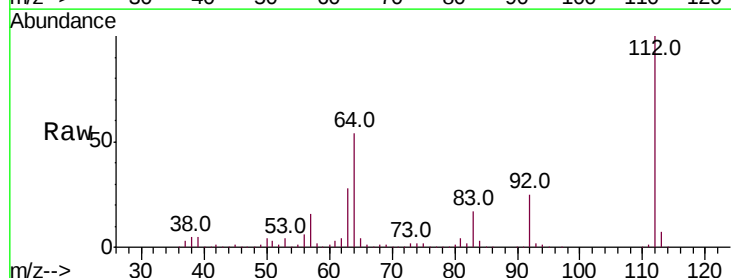
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.155 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	41.3	61.9
63	27.7	21.1	31.7

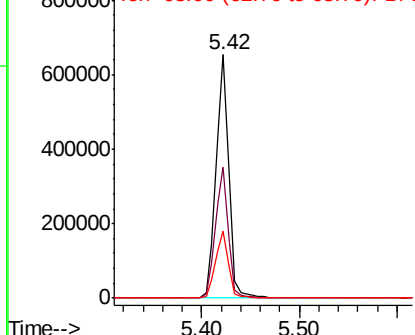
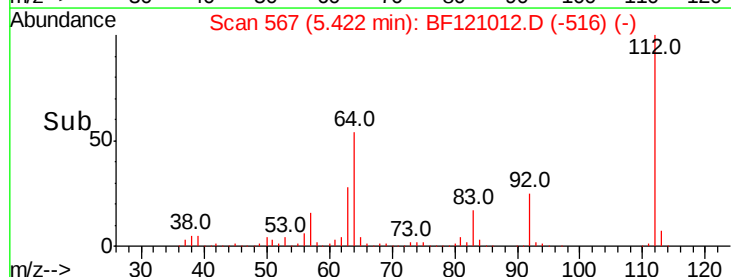


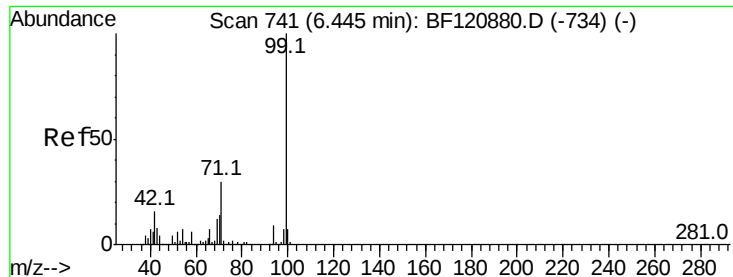
Abundance

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: 51.450 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121012.D

Acq: 24 Jul 2020 19:50

Instrument :

BNA_F

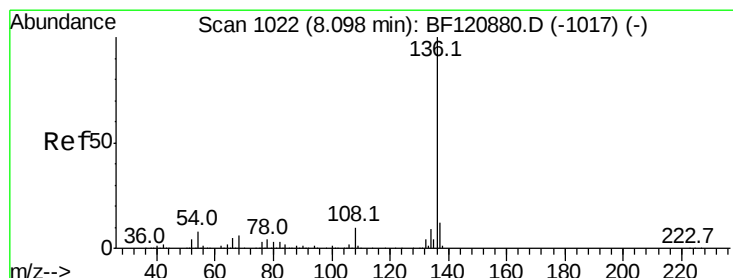
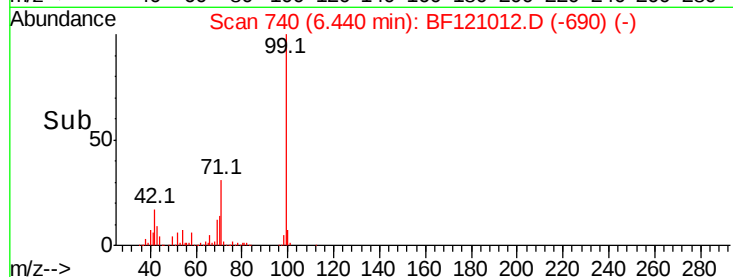
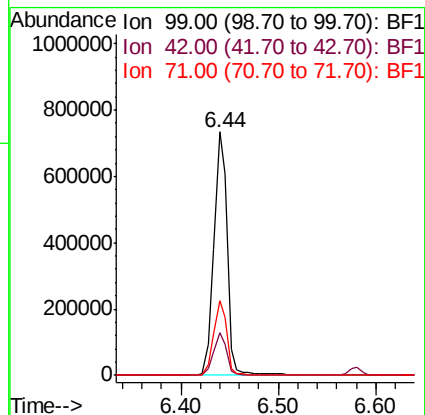
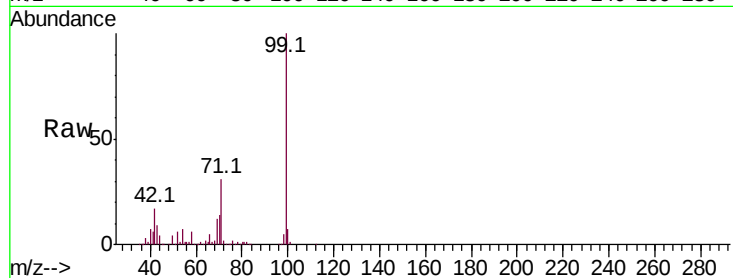
ClientSampleId :

347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.1	19.7
71	30.9	24.2	36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

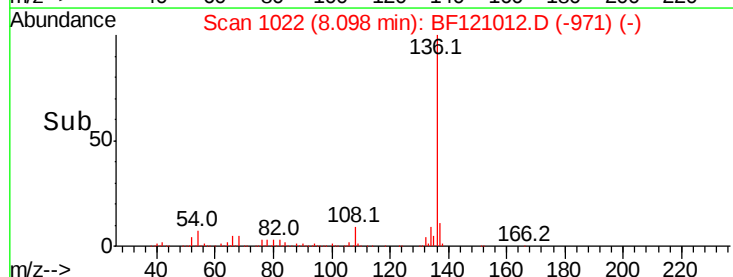
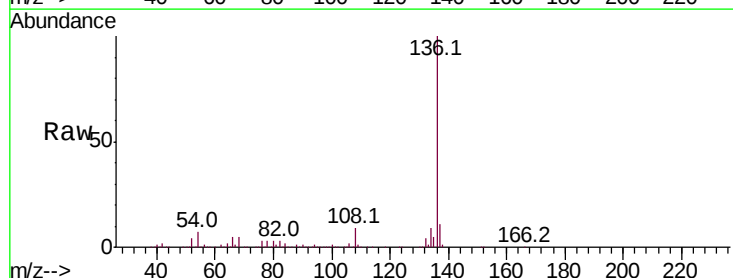
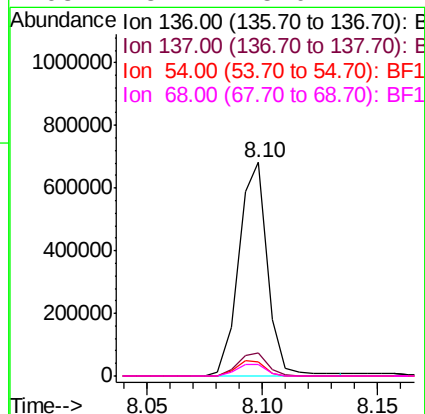
RT: 8.10 min Scan# 1022

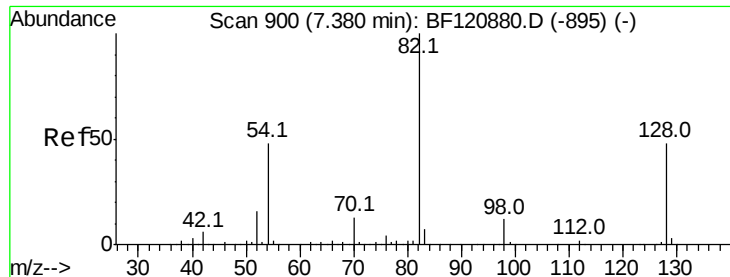
Delta R.T. 0.00 min

Lab File: BF121012.D

Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	6.6	6.3	9.5
68	5.4	5.0	7.4





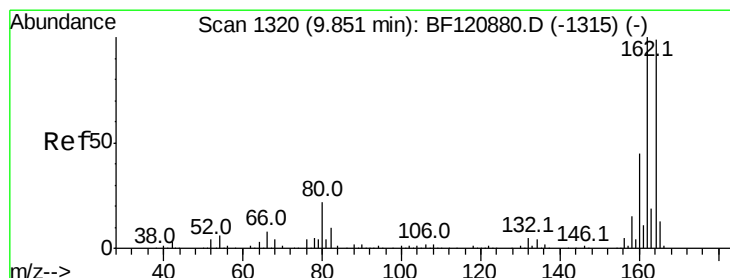
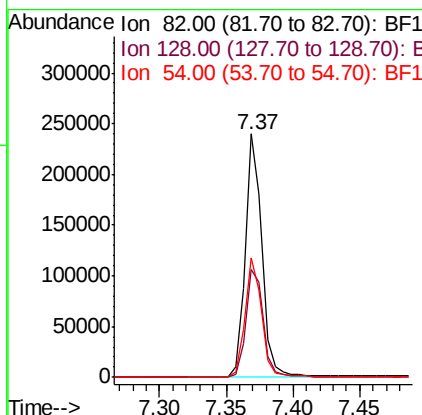
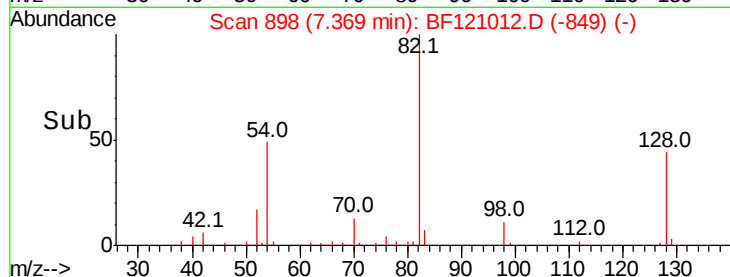
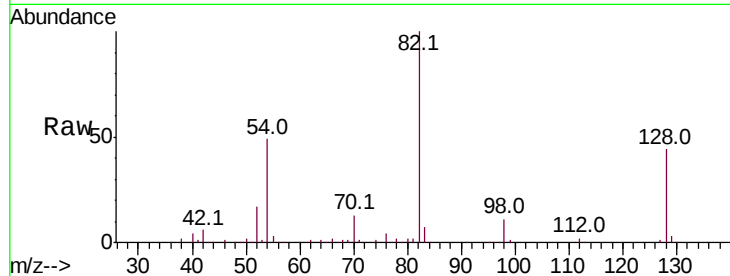
#23
 Nitrobenzene-d5
 Concen: 20.385 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF121012.D
 Acq: 24 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	38.2	57.4
54	49.2	38.7	58.1

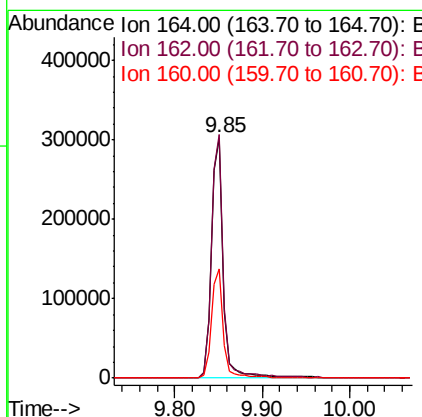
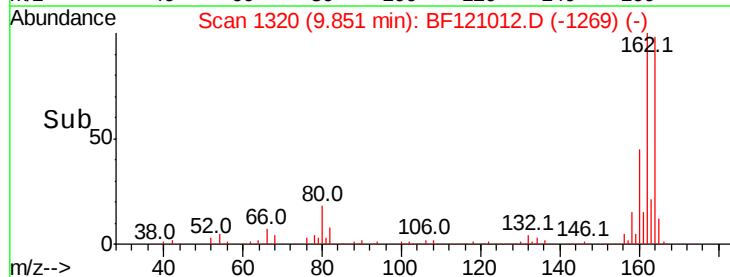
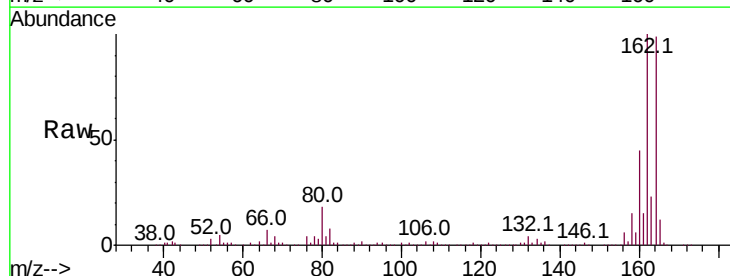
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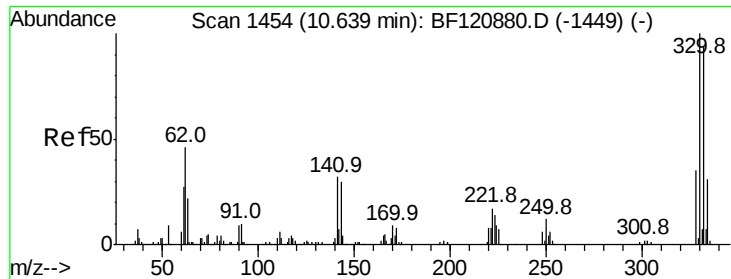
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF121012.D
 Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.2	121.8
160	45.3	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 45.658 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF121012.D

Acq: 24 Jul 2020 19:50

Instrument :

BNA_F

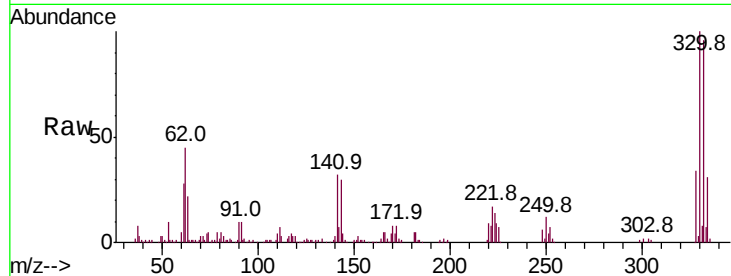
ClientSampleId :

347-GRID-B1-B2

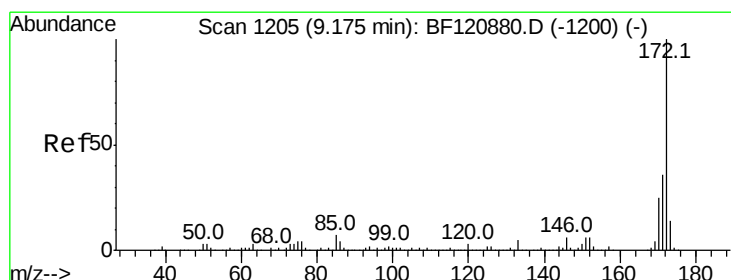
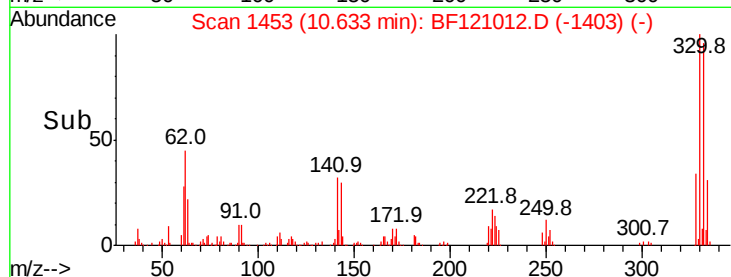
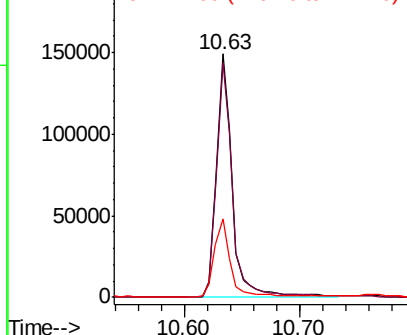
Tot Ion:	330	Resp:	142088
Ion Ratio	Lower	Upper	
330	100		
332	98.9	75.5	113.3
141	32.9	25.7	38.5

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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: 22.766 ng

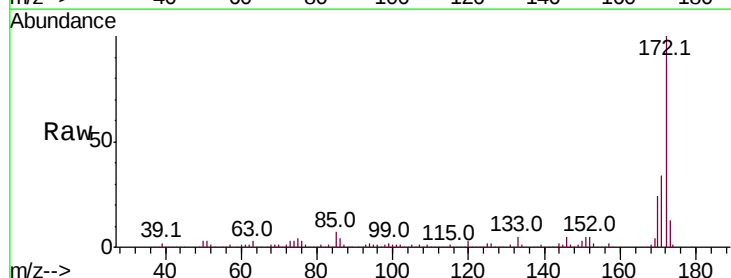
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

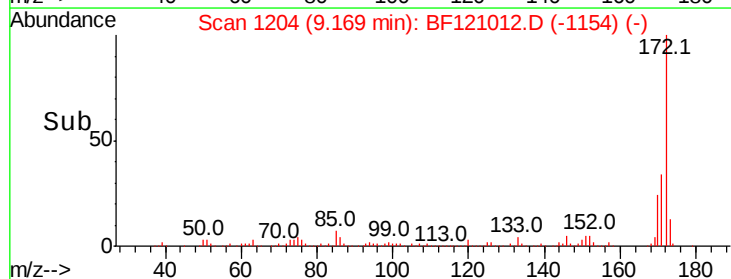
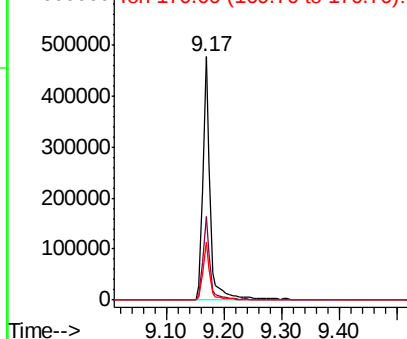
Lab File: BF121012.D

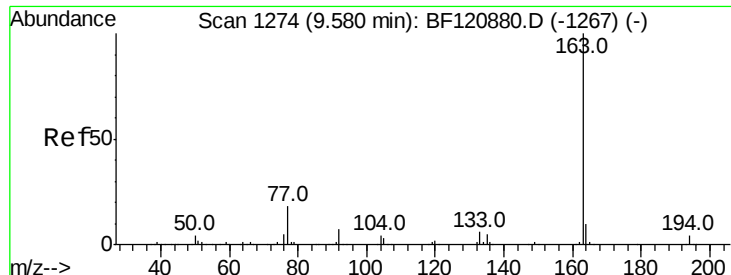
Acq: 24 Jul 2020 19:50

Tgt Ion:	172	Resp:	433503
Ion Ratio	Lower	Upper	
172	100		
171	34.4	29.0	43.4
170	23.8	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: 6.805 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121012.D

Acq: 24 Jul 2020 19:50

Instrument :

BNA_F

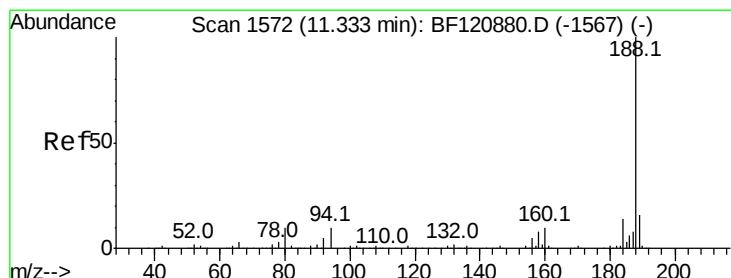
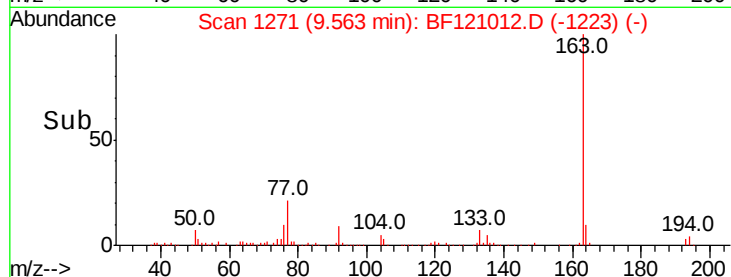
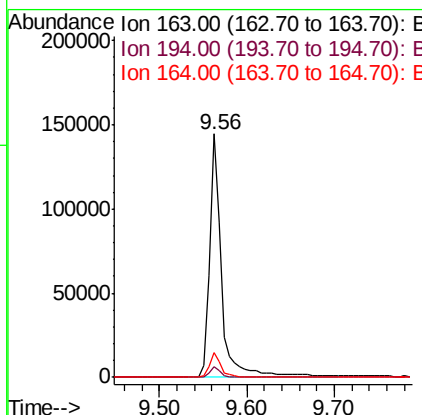
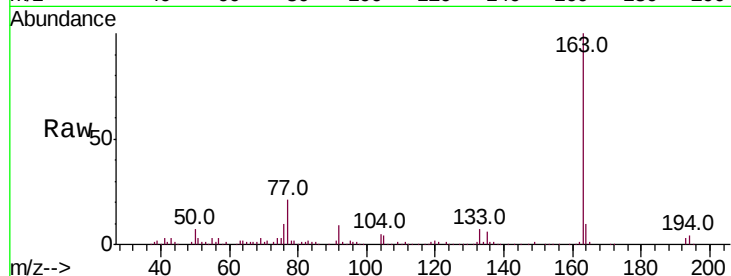
ClientSampleId :

347-GRID-B1-B2

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.2	4.8	
164	10.2	7.9	11.9	

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#64

Phenanthrene-d10

Concen: 20.000 ng

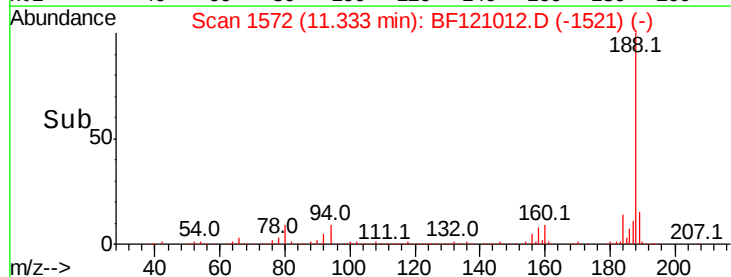
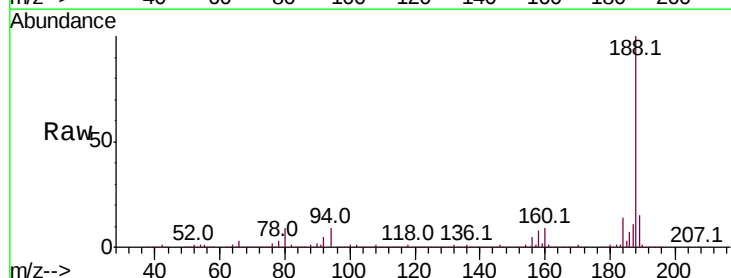
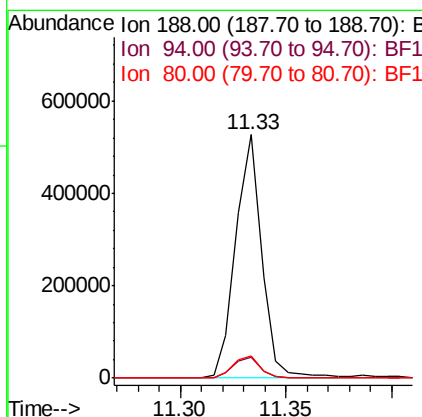
RT: 11.33 min Scan# 1572

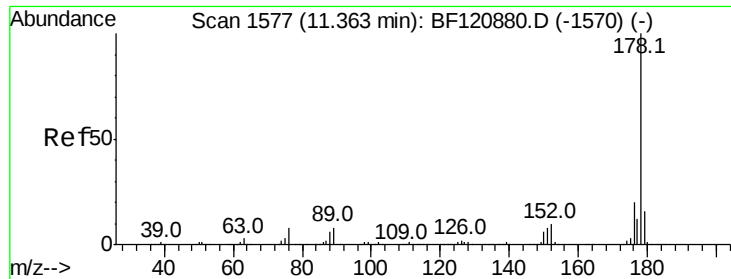
Delta R.T. 0.00 min

Lab File: BF121012.D

Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.6	8.0	12.0	
80	9.0	8.3	12.5	





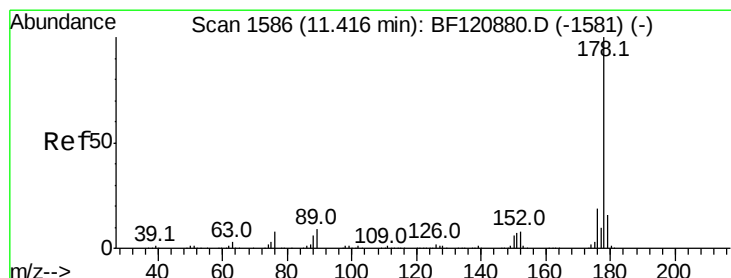
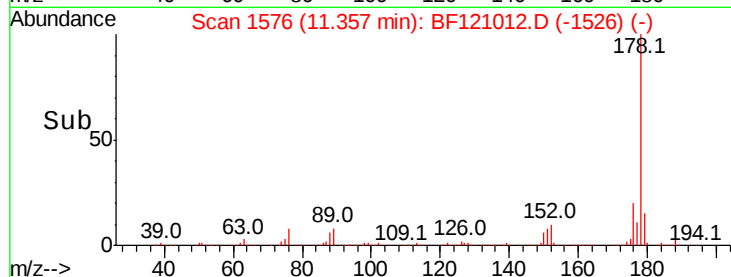
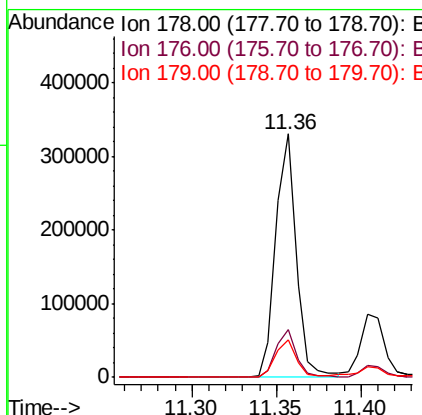
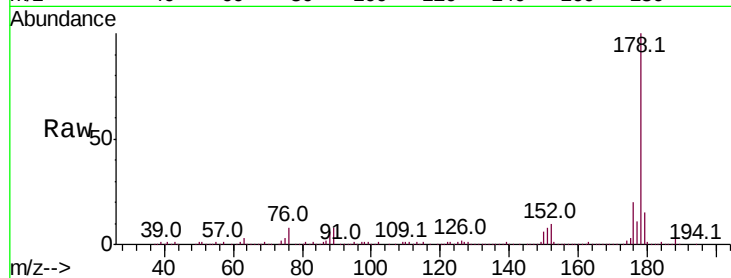
#71
Phenanthrene
Concen: 12.052 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	12.8	19.2

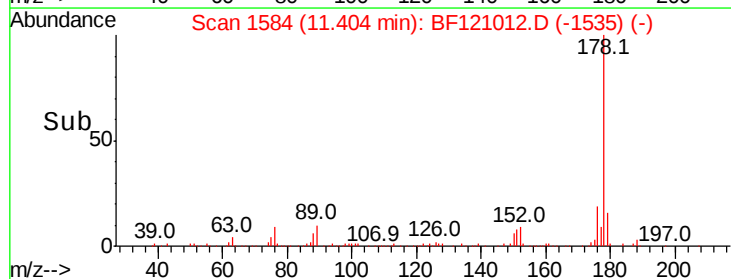
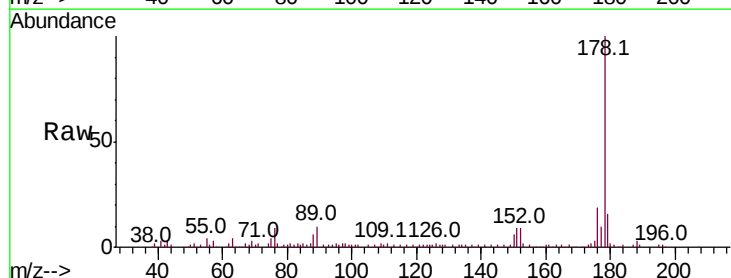
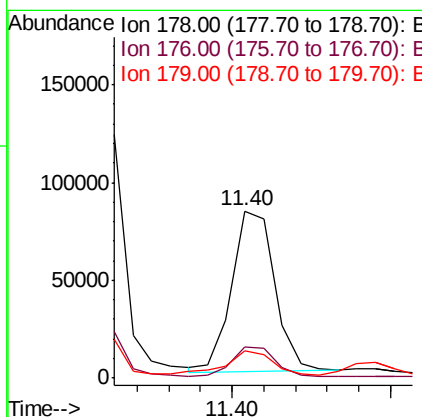
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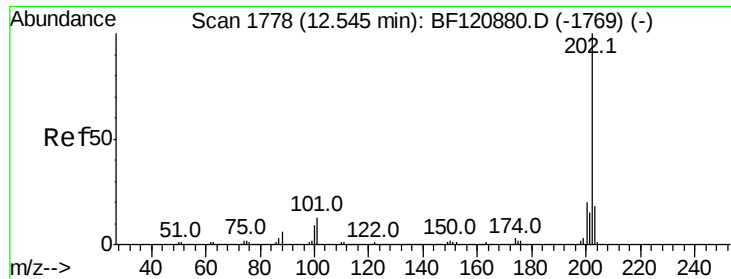
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#72
Anthracene
Concen: 3.318 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.1	12.8	19.2





#75

Fluoranthene

Concen: 18.803 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF121012.D

Acq: 24 Jul 2020 19:50

Instrument :

BNA_F

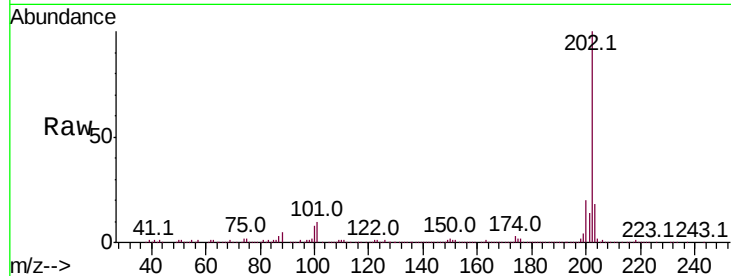
ClientSampleId :

347-GRID-B1-B2

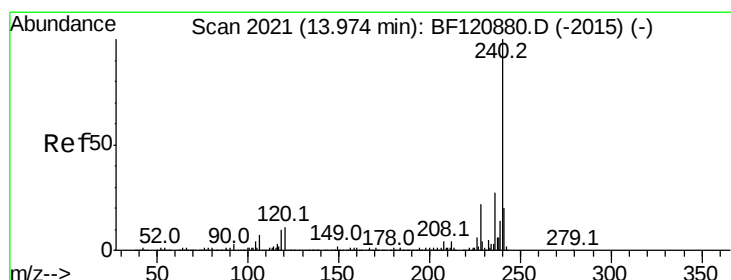
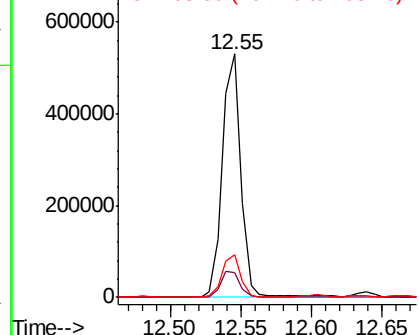
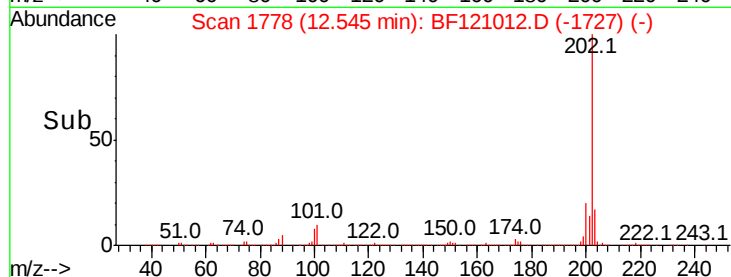
Tot Ion	Ratio	Resp	Lower	Upper
202	100	483270		
101	10.3	0.0	32.7	
203	17.5	0.0	38.0	

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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

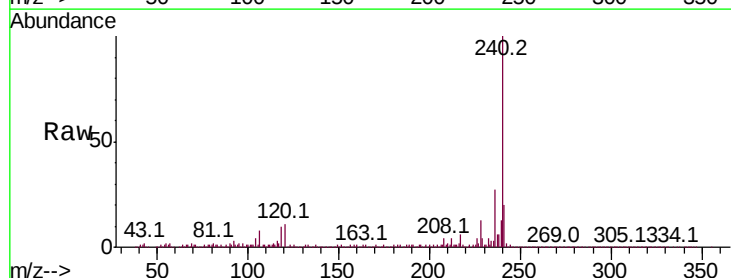
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

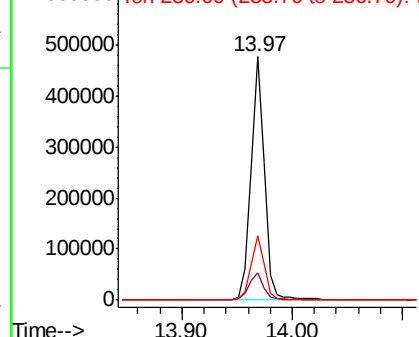
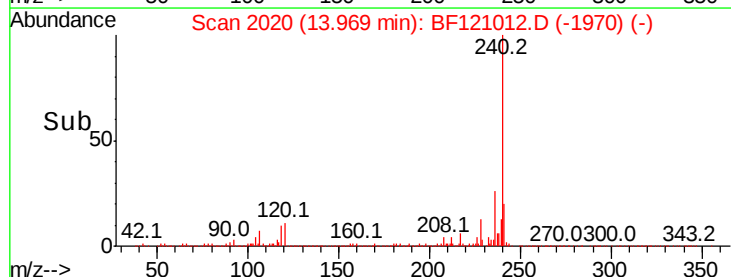
Lab File: BF121012.D

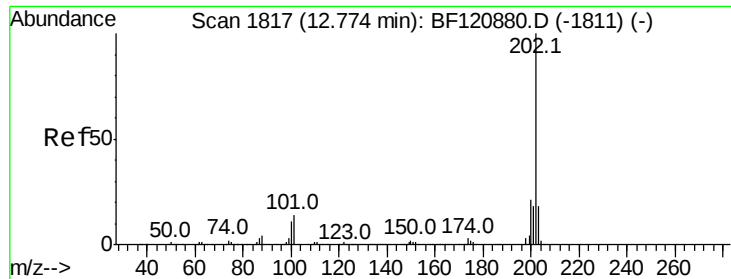
Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	410873		
120	11.3	9.0	13.4	
236	26.5	21.7	32.5	



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





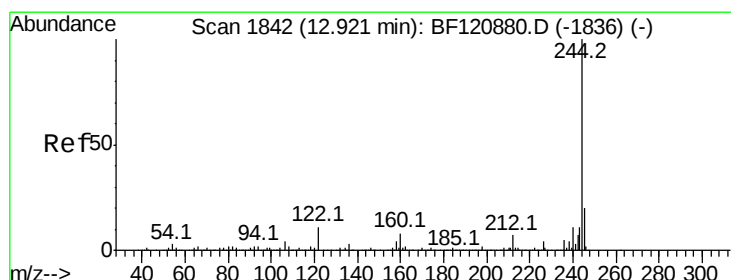
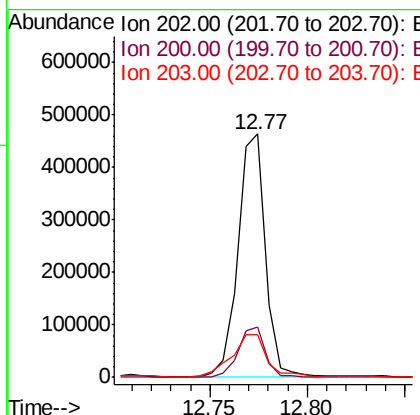
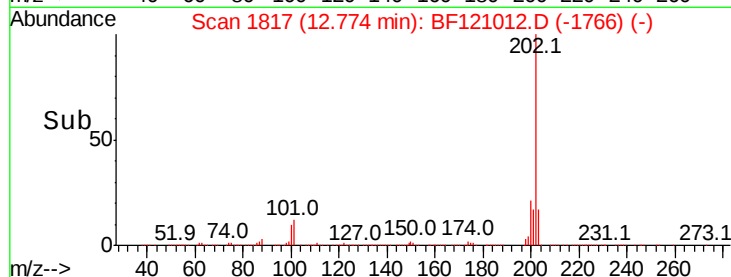
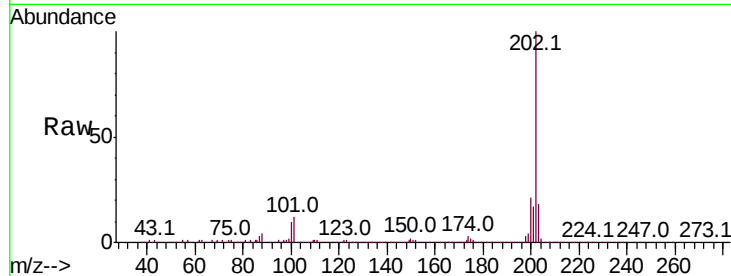
#78
Pvrene
Concen: 15.498 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.6	14.4	21.6

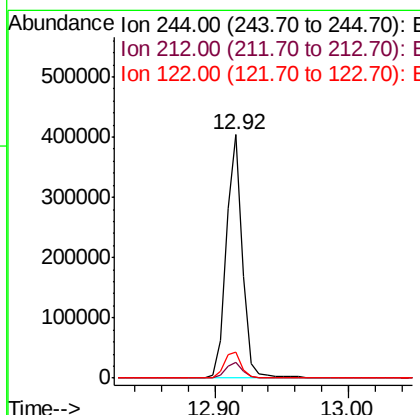
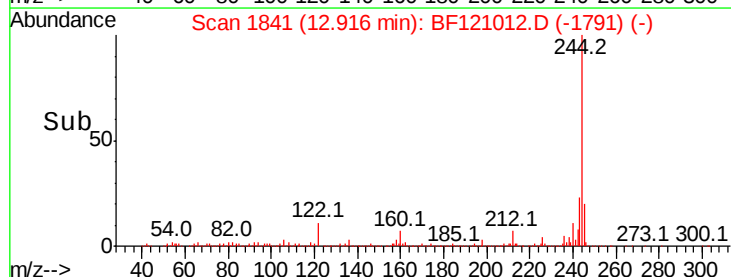
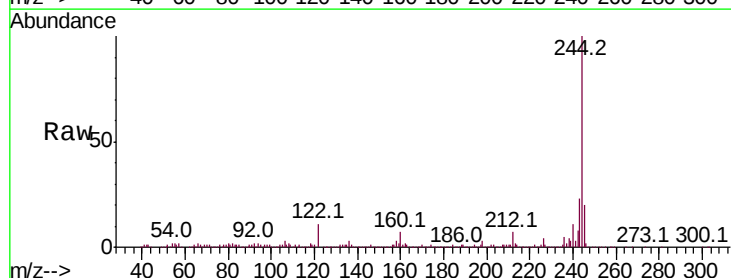
Manual Integrations
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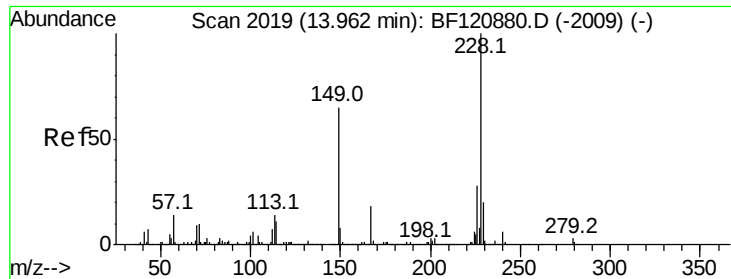
mohammad
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#79
Terphenyl-d14
Concen: 18.125 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.9	8.9	13.3





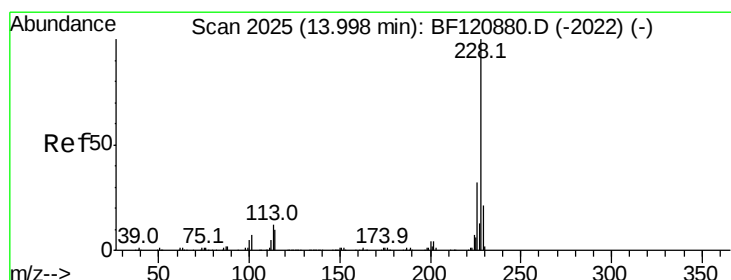
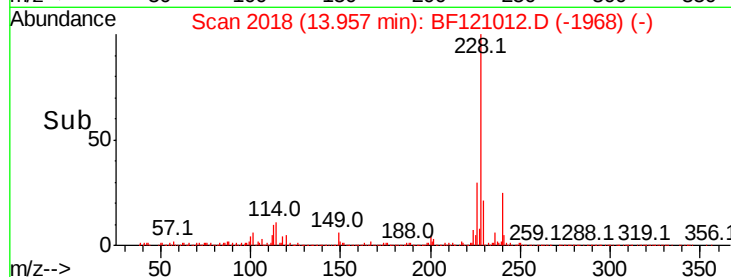
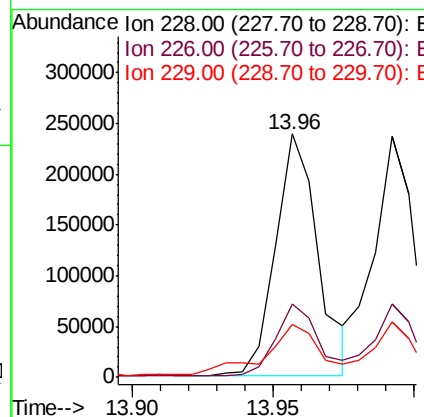
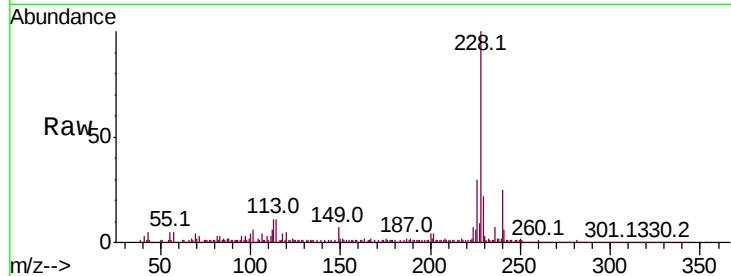
#81
Benzo(a)anthracene
Concen: 9.962 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.3	33.5
229	21.6	16.1	24.1

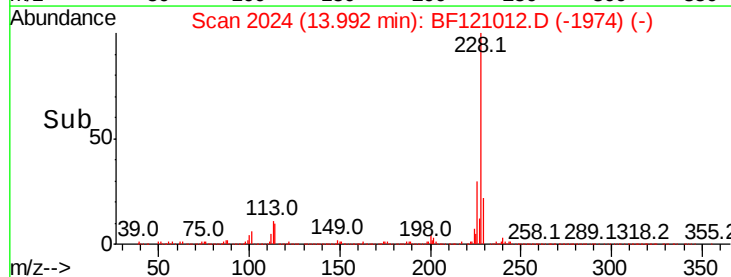
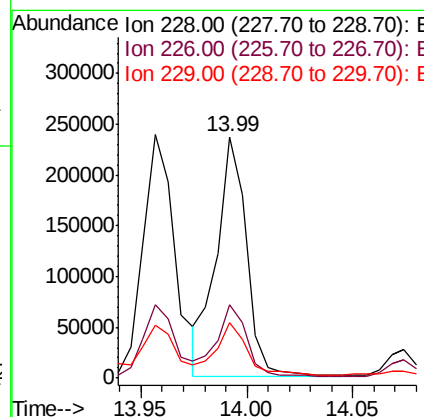
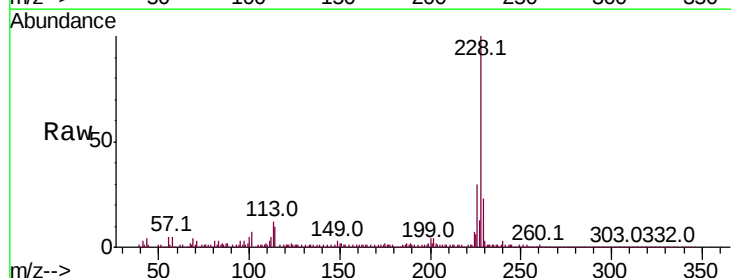
Manual Integrations
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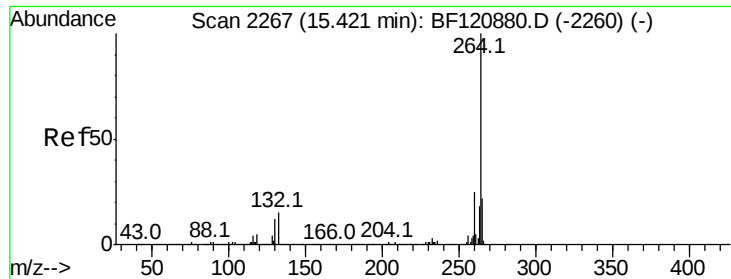
mohammad
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#83
Chrysene
Concen: 8.972 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.6	38.4
229	22.9	16.8	25.2





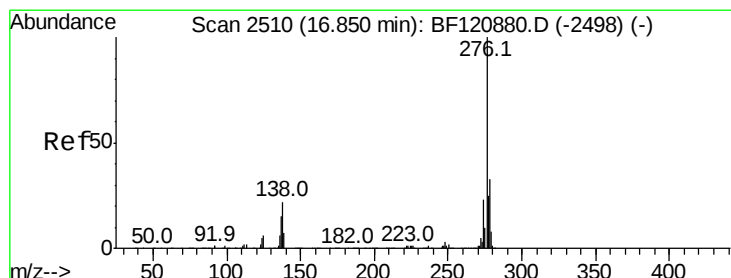
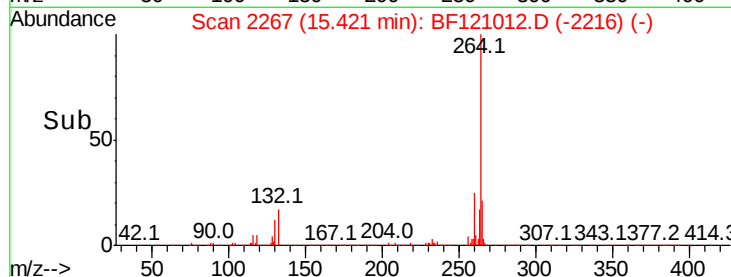
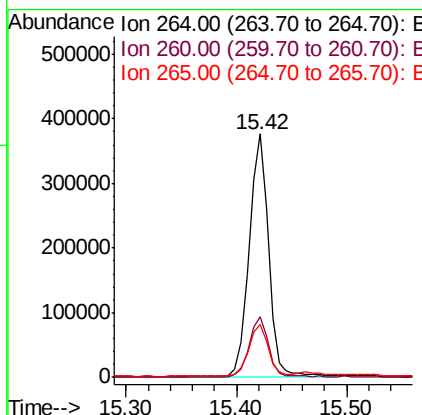
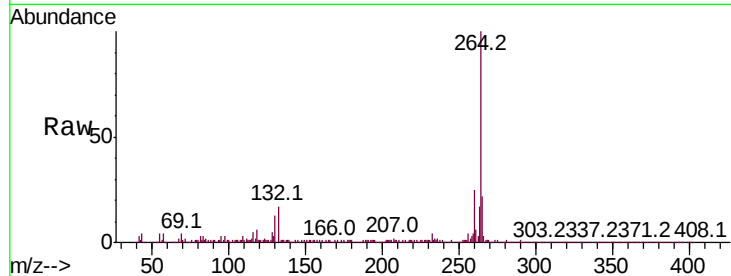
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.7	17.4	26.2

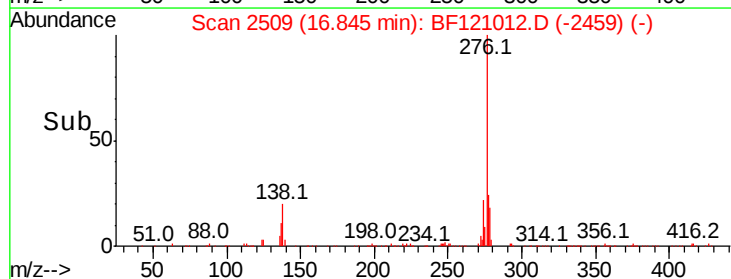
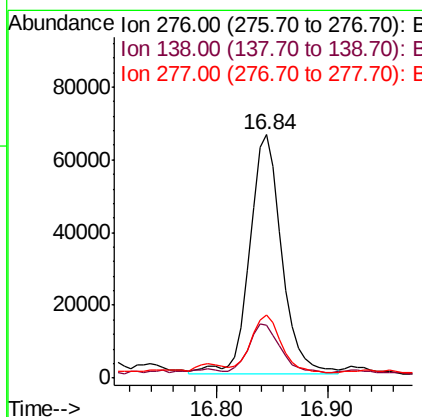
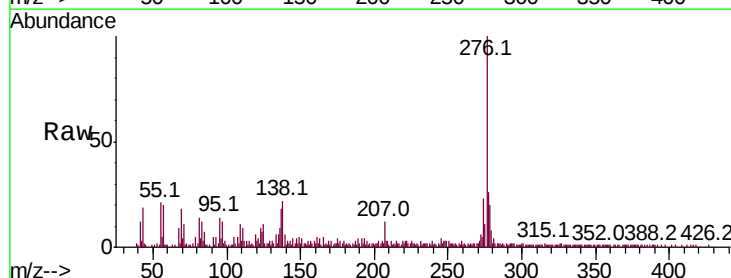
Manual Integrations
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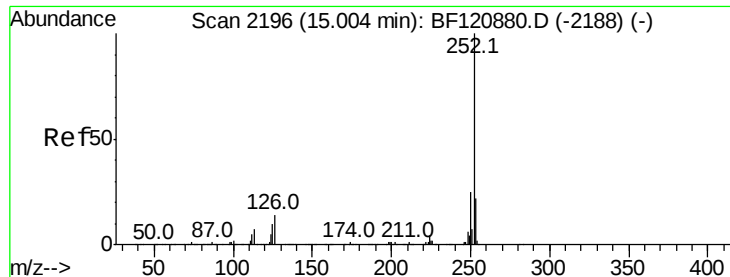
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.147 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.8	29.8
277	23.0	20.2	30.2





#88

Benzo(b)fluoranthene

Concen: 11.226 ng m

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF121012.D

Acq: 24 Jul 2020 19:50

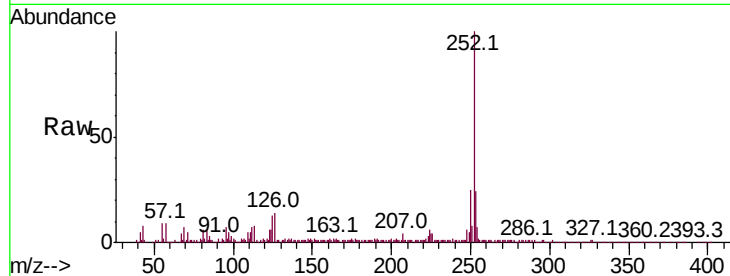
Instrument :
BNA_F

ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	13.3	8.3	12.5

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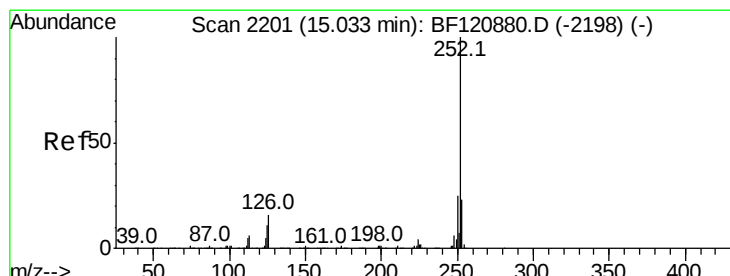
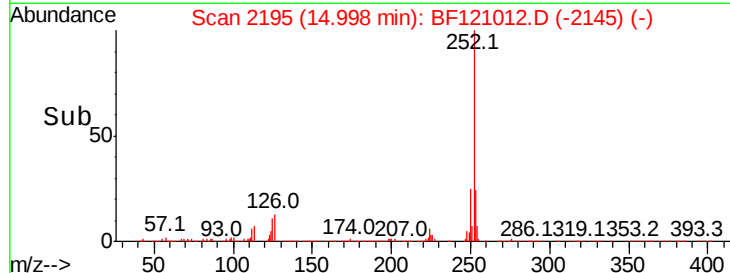
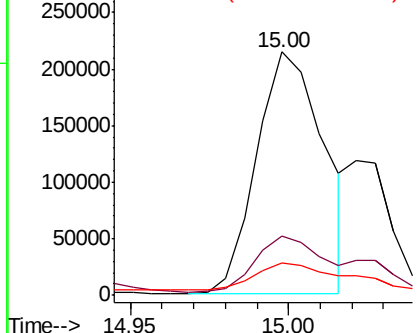


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 4.257 ng m

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF121012.D

Acq: 24 Jul 2020 19:50

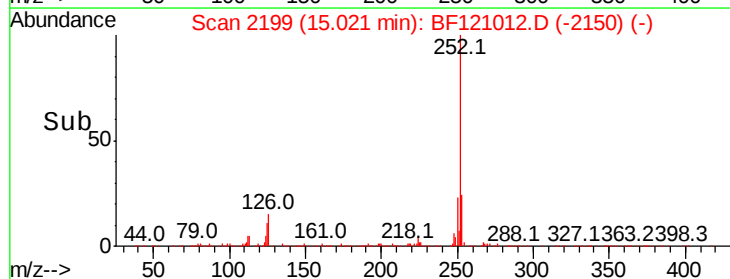
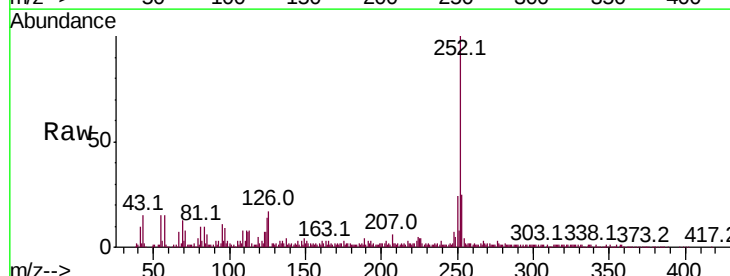
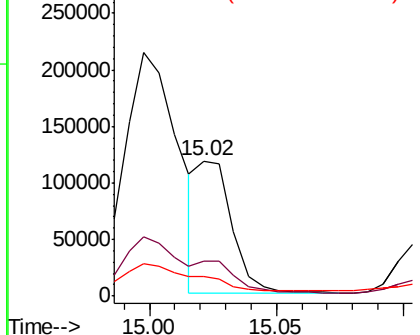
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	14.2	8.4	12.6

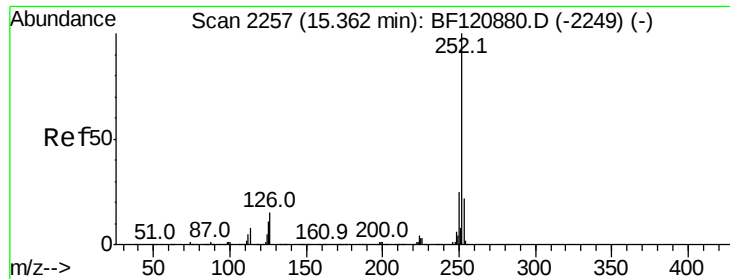
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





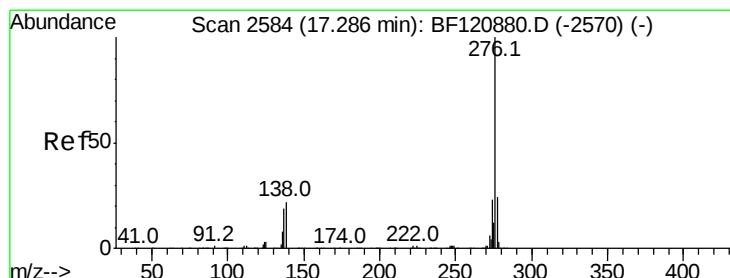
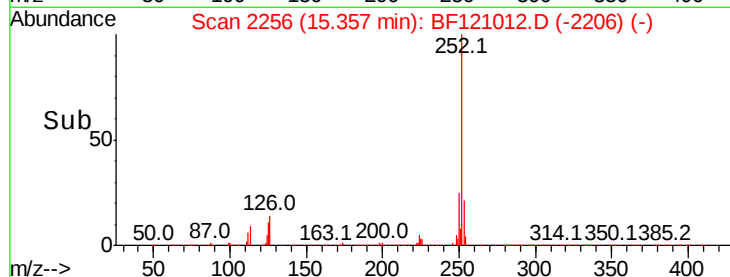
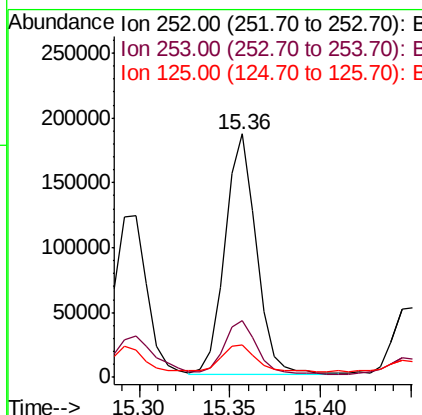
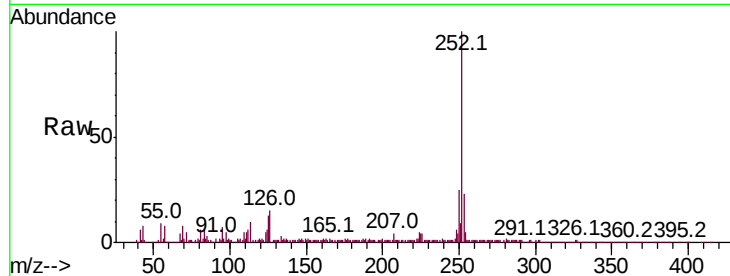
#90
Benzo(a)pyrene
Concen: 8.770 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	13.2	8.9	13.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.492 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF121012.D
Acq: 24 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	23.3	17.5	26.3

