

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121207.D
 Acq On : 6 Aug 2020 17:42
 Operator : JU/CG
 Sample : L3553-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JB-1A

Manual Integrations
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 8/7/2020 1:50:53 PM

Quant Time: Aug 06 19:08:50 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	135548	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	541993	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	284161	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	546452	20.00	ng	0.00
76) Chrysene-d12	13.96	240	395097	20.00	ng	0.00
86) Perylene-d12	15.41	264	392326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	588460	71.17	ng	-0.01
7) Phenol-d6	6.43	99	720370	67.45	ng	-0.02
23) Nitrobenzene-d5	7.35	82	471612	50.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	219112	70.44	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	907909	47.70	ng	-0.01
79) Terphenyl-d14	12.90	244	900819	49.56	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.55	163	165921	8.094	ng	100
71) Phenanthrene	11.34	178	479148	17.049	ng	99
72) Anthracene	11.39	178	104189	3.692	ng	96
75) Fluoranthene	12.53	202	661479	21.234	ng	98
78) Pyrene	12.76	202	653148	23.382	ng	99
81) Benzo(a)anthracene	13.95	228	297333	12.428	ng	100
83) Chrysene	13.98	228	271107	10.783	ng	97
87) Indeno(1,2,3-cd)pyrene	16.83	276	160111	5.868	ng	94
88) Benzo(b)fluoranthene	14.99	252	302760m	12.767	ng	
89) Benzo(k)fluoranthene	15.02	252	109853m	5.079	ng	
90) Benzo(a)pyrene	15.34	252	233751	10.804	ng	99
92) Benzo(a,h,i)perylene	17.26	276	156009	7.099	ng	98

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

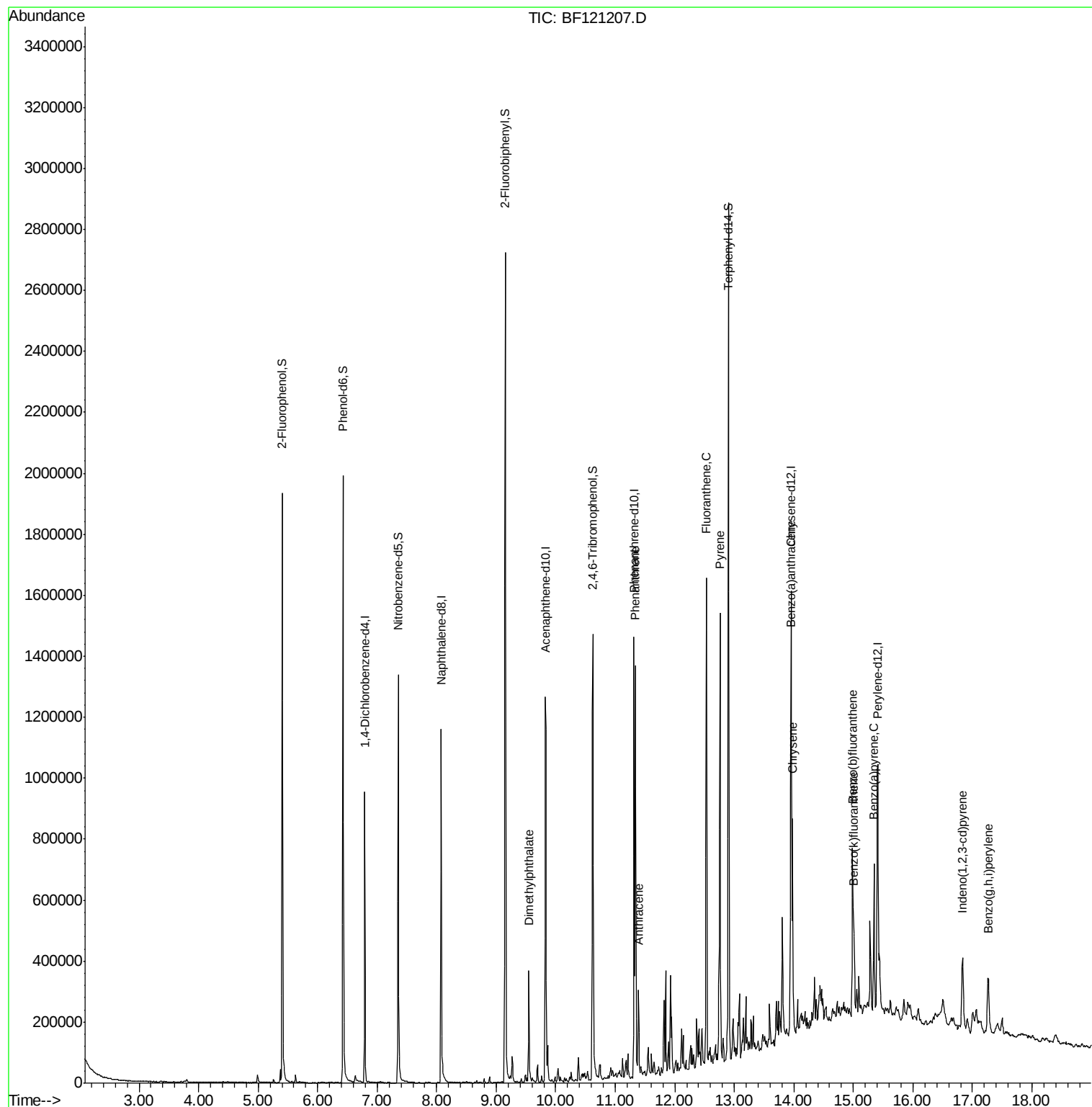
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121207.D
Acq On : 6 Aug 2020 17:42
Operator : JU/CG
Sample : L3553-02
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BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration





#1

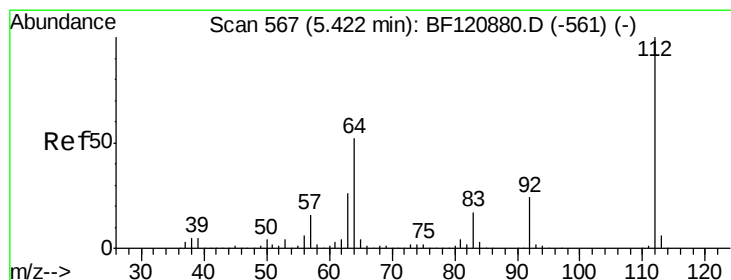
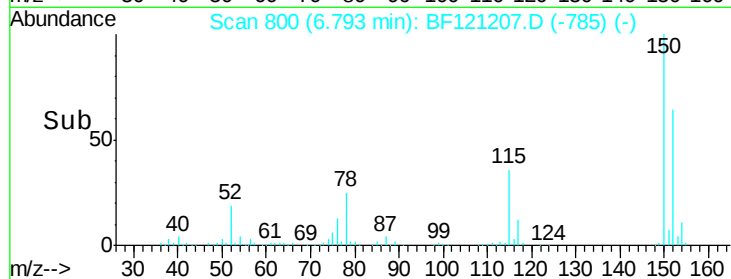
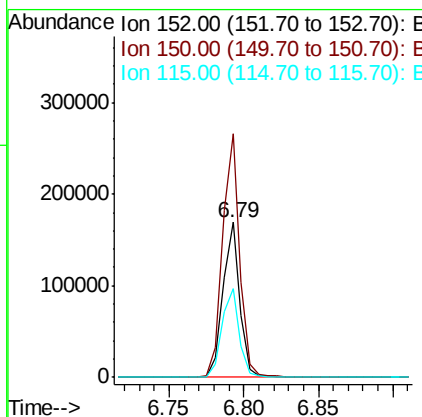
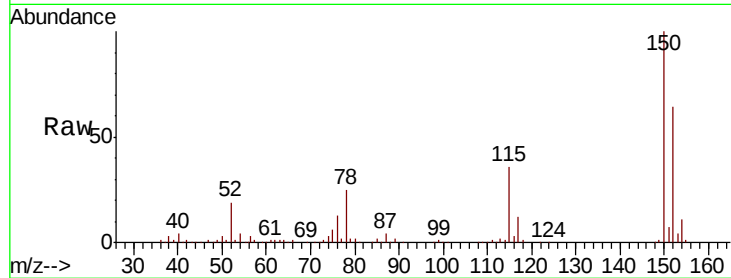
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
JB-1A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.6	188.4
115	57.2	46.2	69.2

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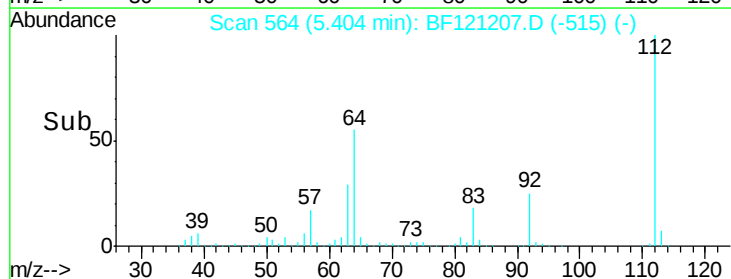
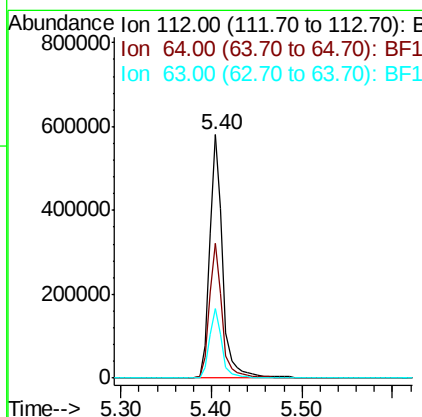
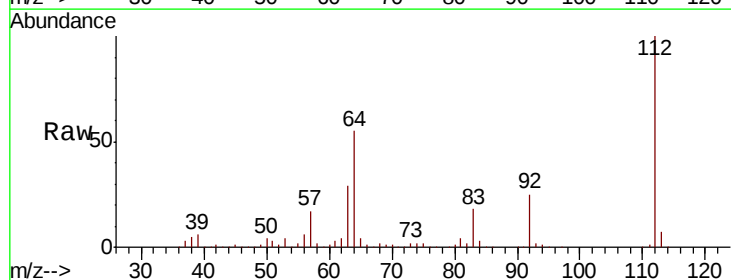
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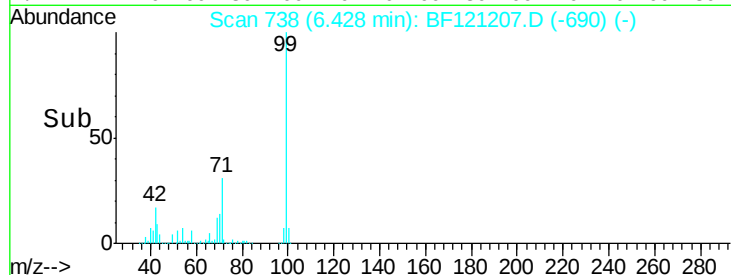
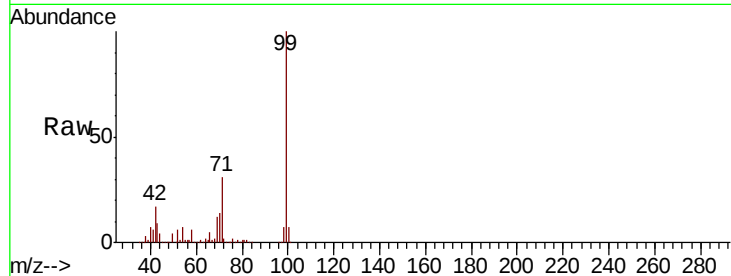
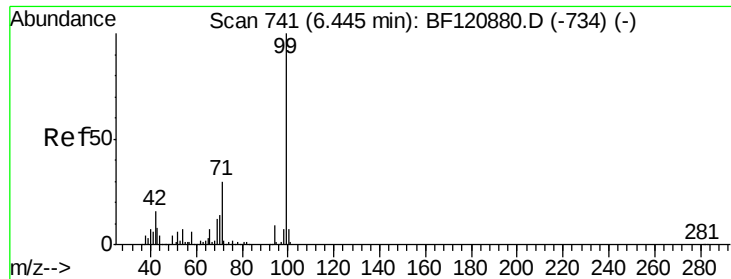


#5

2-Fluorophenol
Concen: 71.170 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.9	65.9
63	28.6	22.7	34.1





#7

Phenol-d6

Concen: 67.446 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Tot Ion:	99	Resp:	720370
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	30.7	25.0	37.4

Instrument :

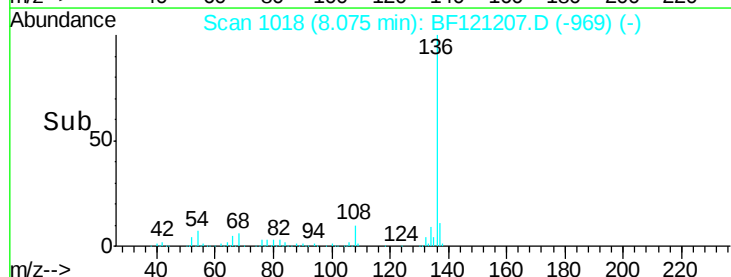
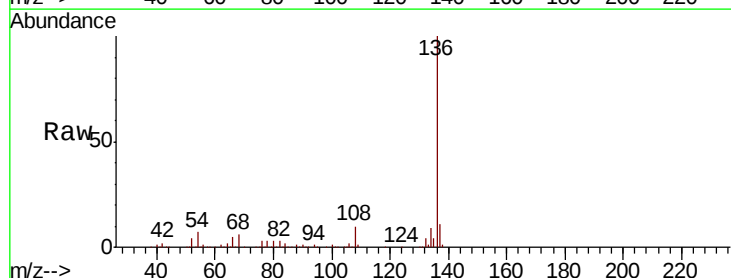
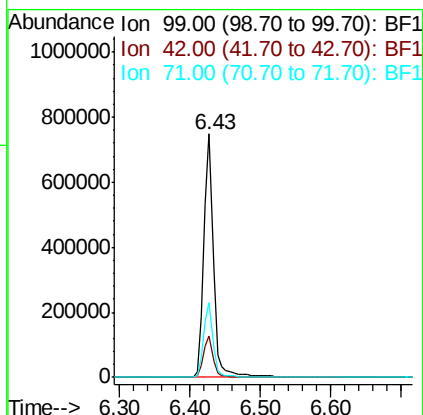
BNA_F

ClientSampled :

JB-1A

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#21

Naphthalene-d8

Concen: 20.000 ng

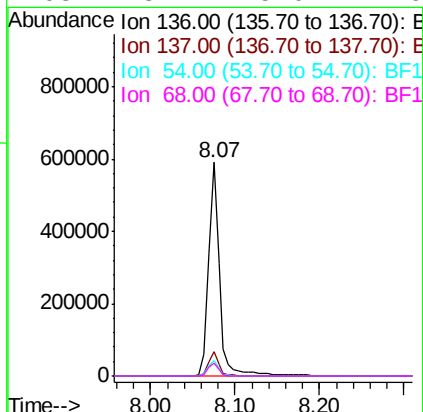
RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Tgt Ion:	136	Resp:	541993
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.3	6.1	9.1
68	5.7	5.0	7.6





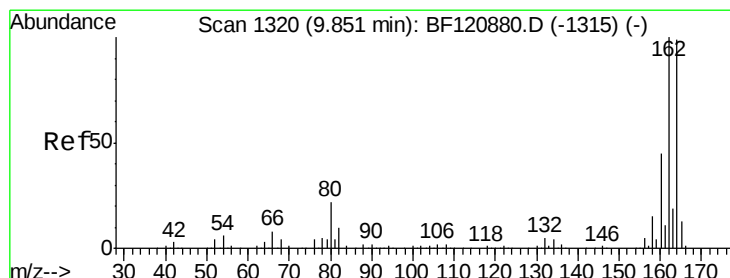
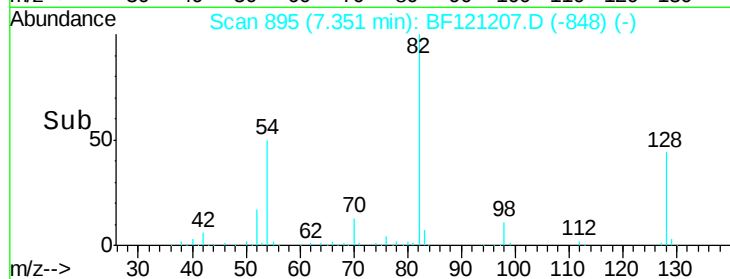
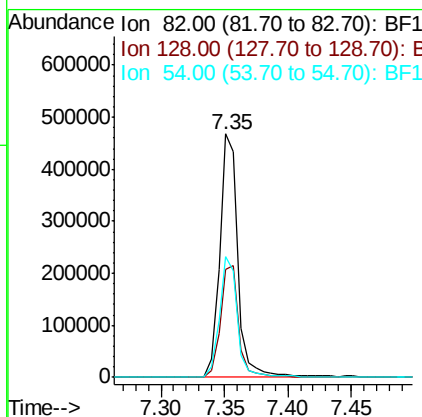
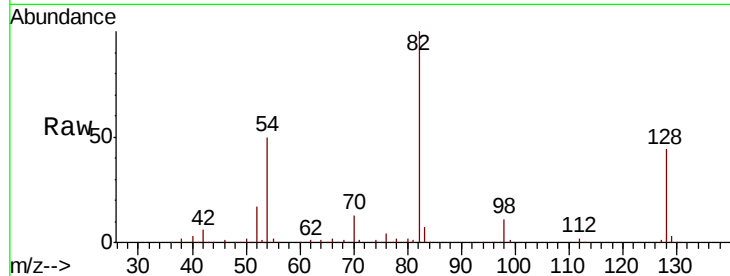
#23
 Nitrobenzene-d5
 Concen: 50.349 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF121207.D
 Acq: 6 Aug 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :
 JB-1A

Tot Ion:	82	Resp:	471612
Ion Ratio	Lower	Upper	
82	100		
128	44.2	39.2	58.8
54	49.5	37.8	56.8

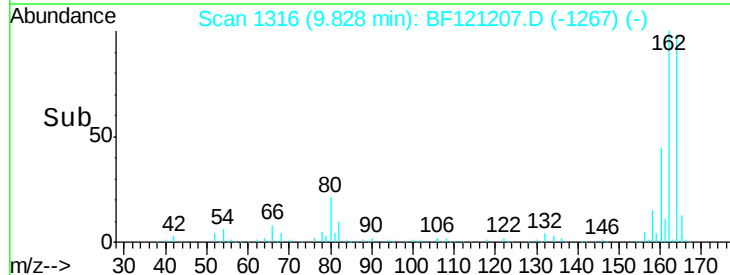
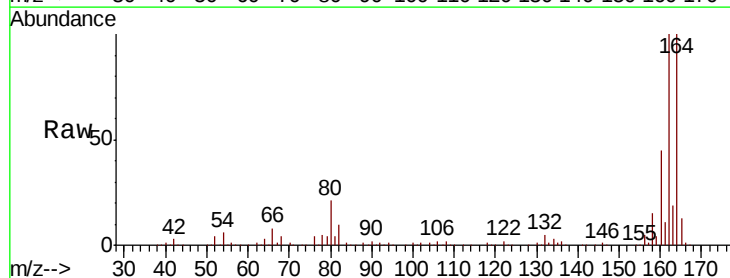
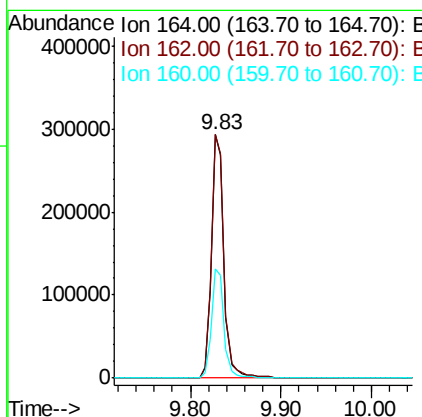
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF121207.D
 Acq: 6 Aug 2020 17:42

Tgt Ion:	164	Resp:	284161
Ion Ratio	Lower	Upper	
164	100		
162	100.2	82.2	123.2
160	45.0	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 70.444 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Instrument :

BNA_F

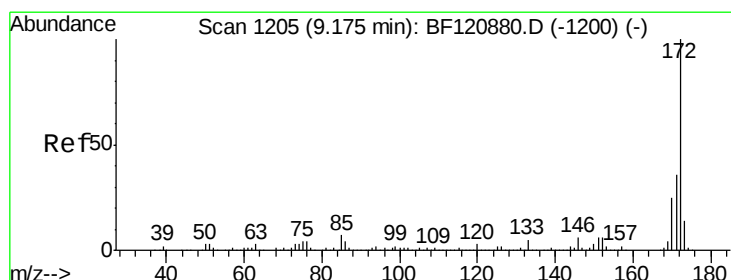
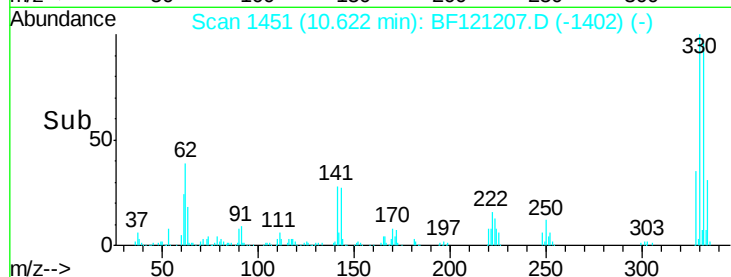
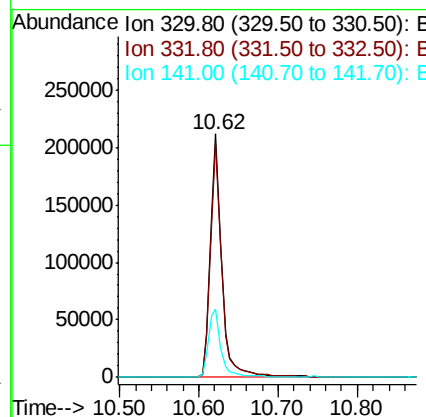
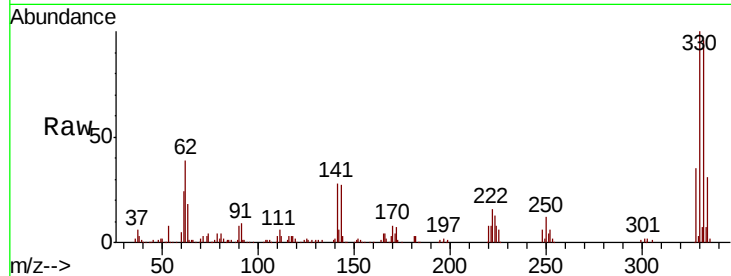
ClientSampled :

JB-1A

Tot Ion:	330	Resp:	219112
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.1	114.1
141	31.1	24.1	36.1

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#45

2-Fluorobiphenyl

Concen: 47.703 ng

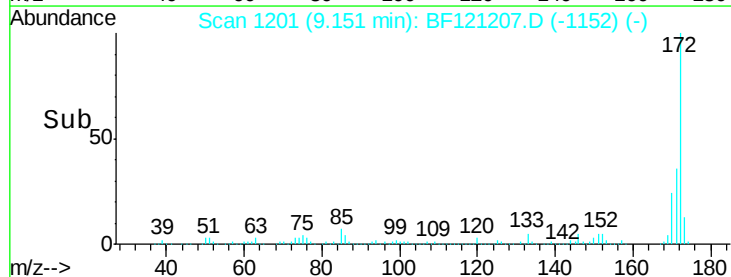
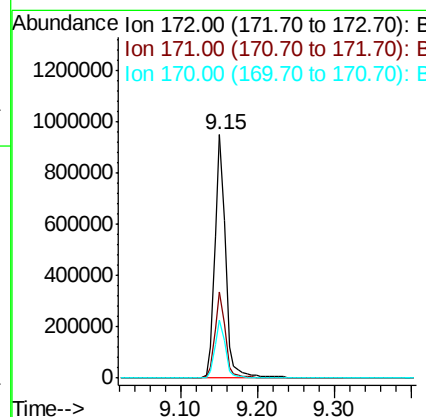
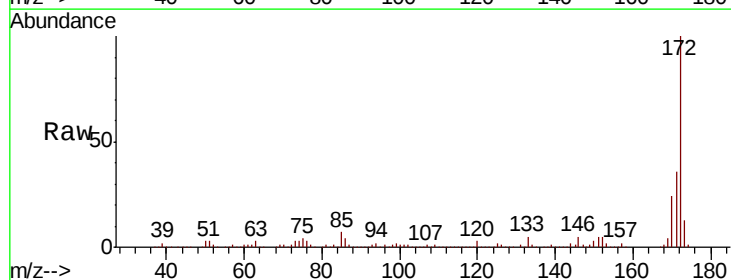
RT: 9.15 min Scan# 1201

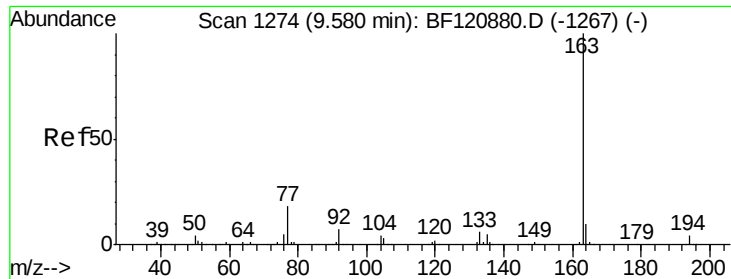
Delta R.T. -0.01 min

Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Tgt Ion:	172	Resp:	907909
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.4
170	23.8	19.6	29.4





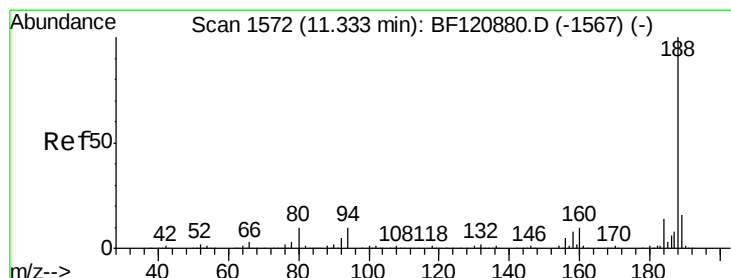
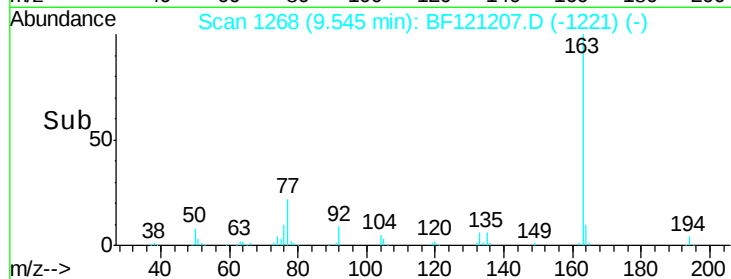
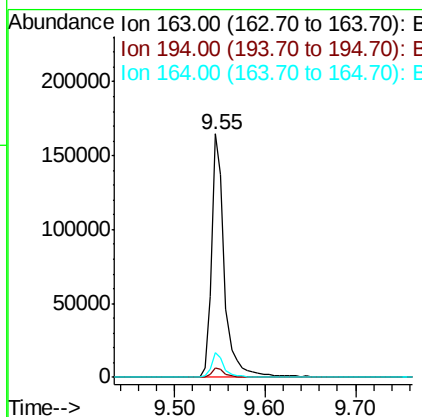
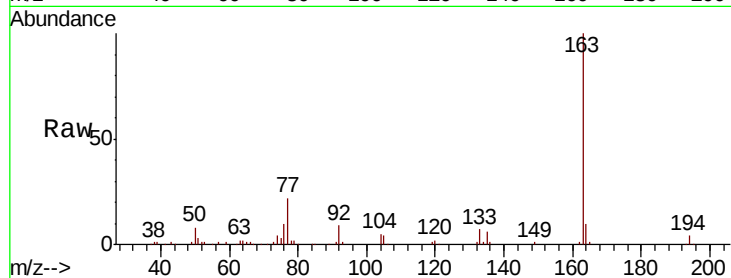
#50
Dimethylphthalate
Concen: 8.094 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
JB-1A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	165921		
194	3.7		3.0	4.4
164	10.4		8.4	12.6

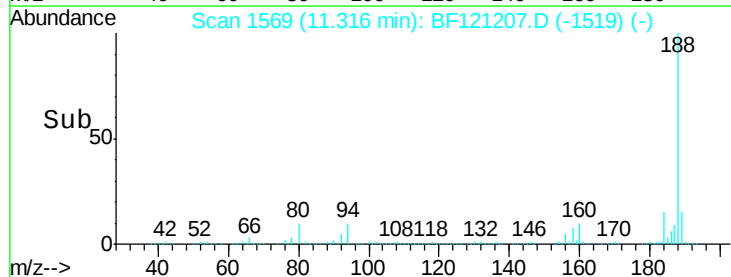
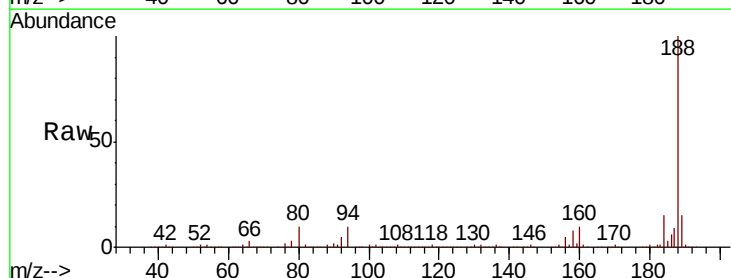
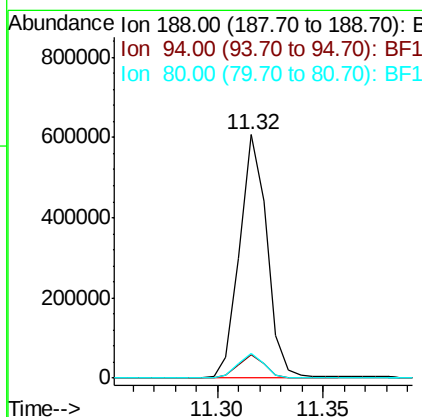
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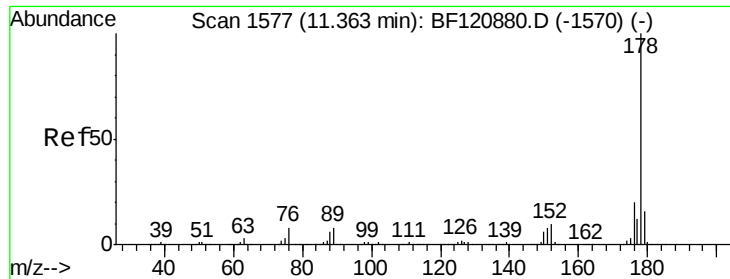
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	546452		
94	9.7		8.0	12.0
80	10.4		8.3	12.5





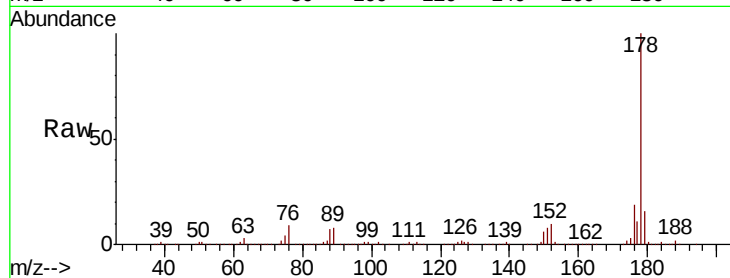
#71
Phenanthrene
Concen: 17.049 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
JB-1A

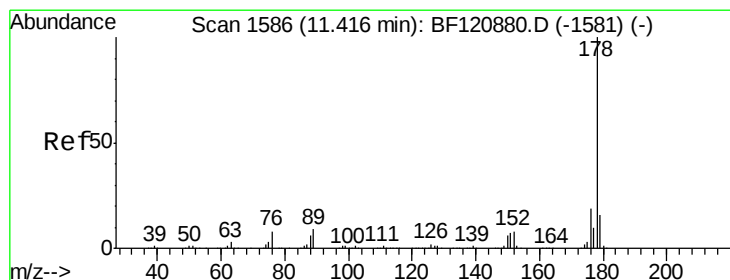
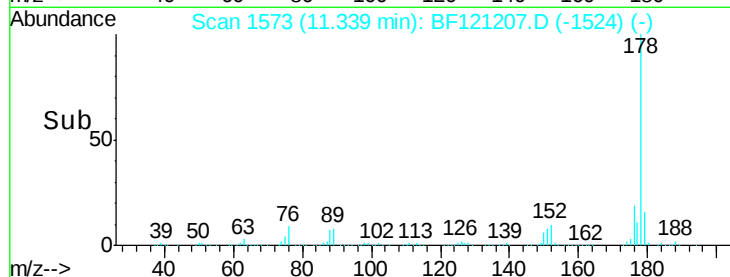
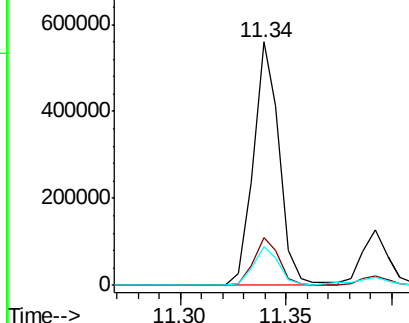
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.2
179	15.9	12.6	19.0

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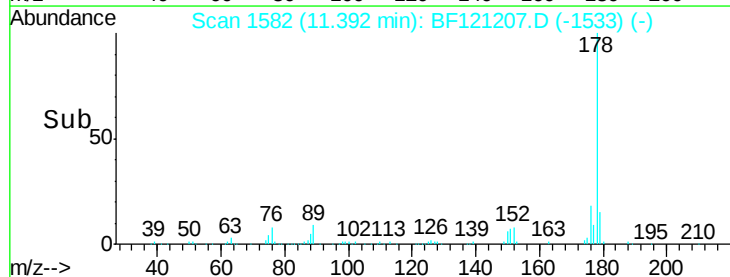
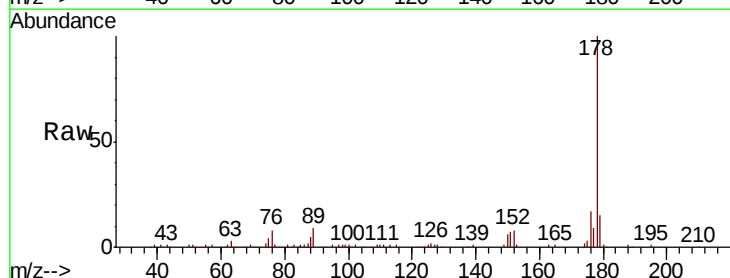
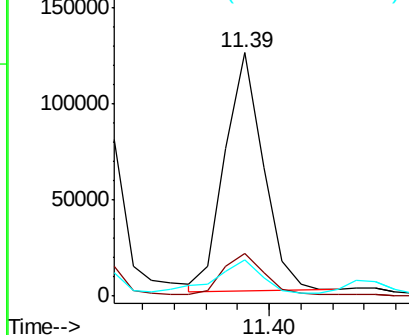
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

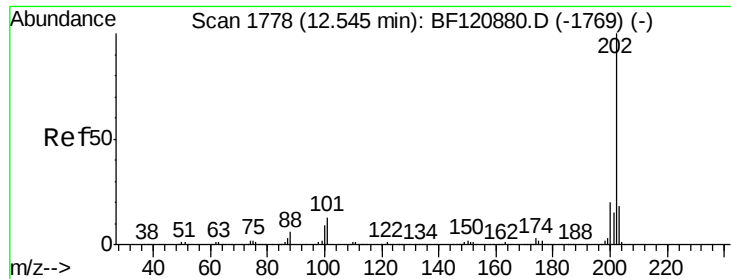


#72
Anthracene
Concen: 3.692 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	15.0	12.6	19.0

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: 21.234 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Instrument :

BNA_F

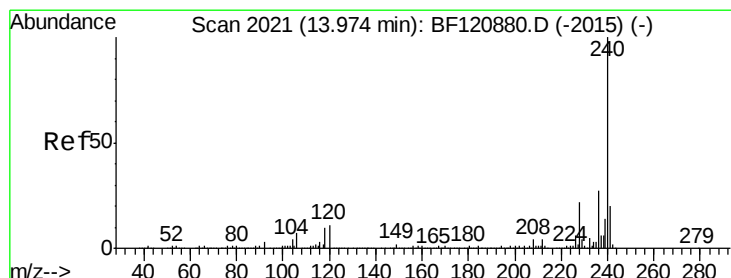
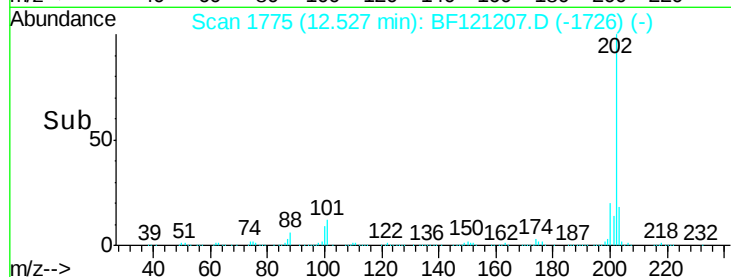
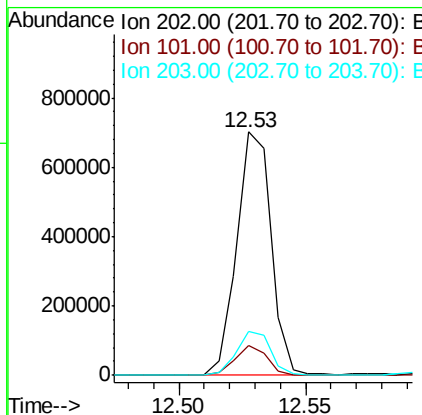
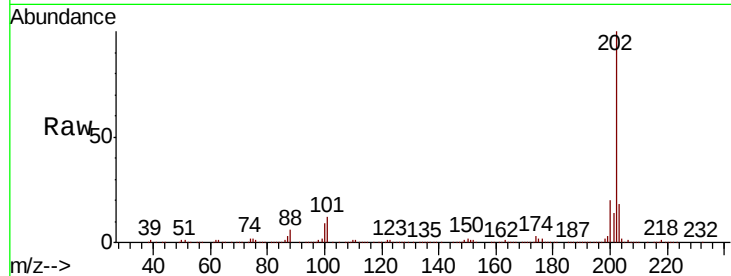
ClientSampleId :

JB-1A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	661479		
101	12.3	0.0	30.5	
203	18.0	0.0	37.7	

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#76

Chrysene-d12

Concen: 20.000 ng

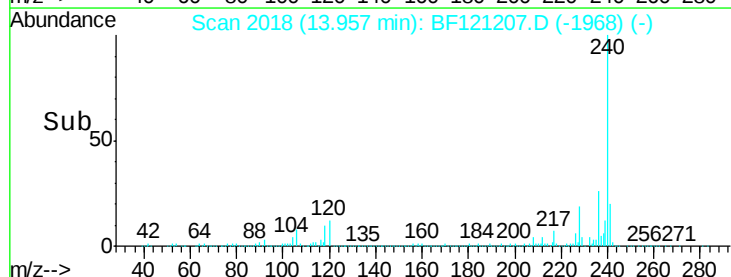
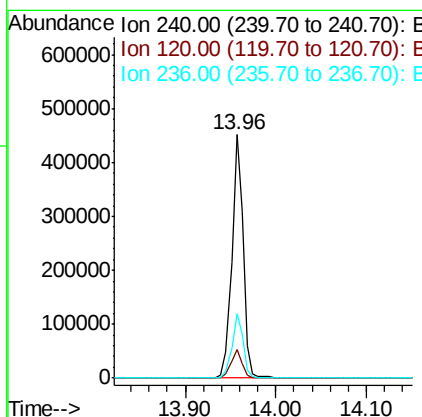
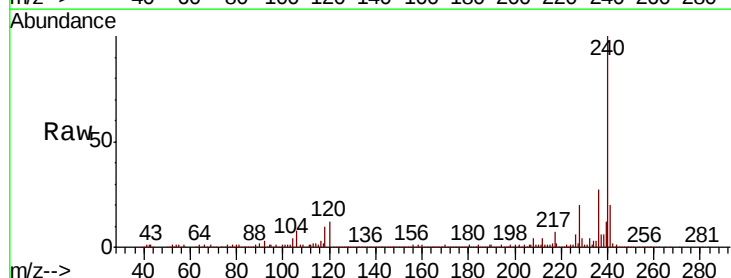
RT: 13.96 min Scan# 2018

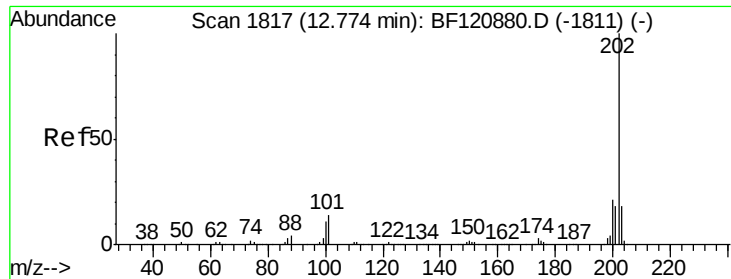
Delta R.T. -0.01 min

Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	395097		
120	11.8	9.3	13.9	
236	26.5	21.1	31.7	





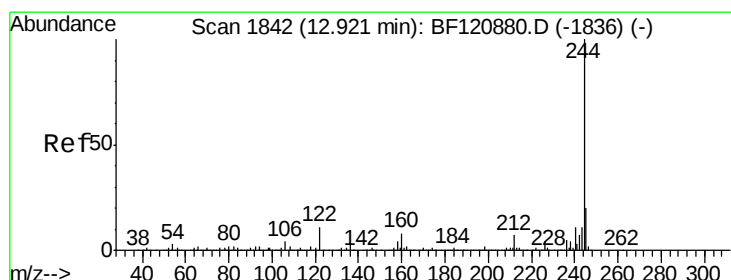
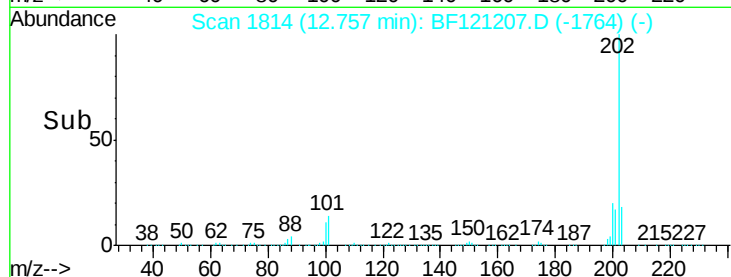
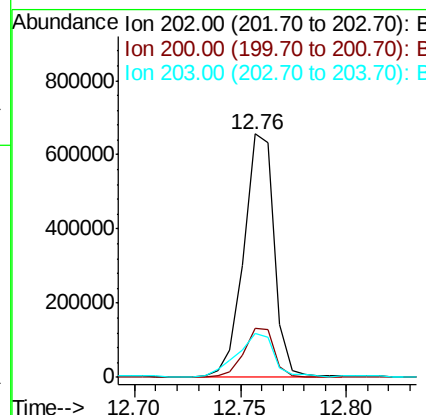
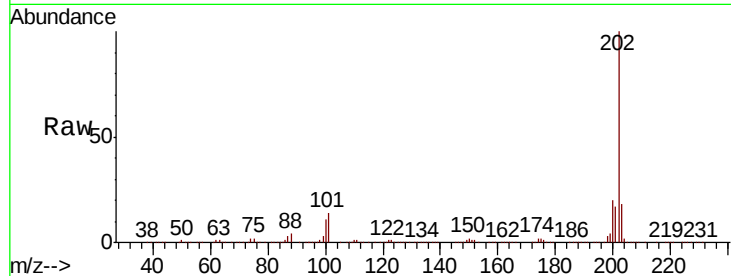
#78
Pvrene
Concen: 23.382 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
JB-1A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	18.3	14.6	21.8

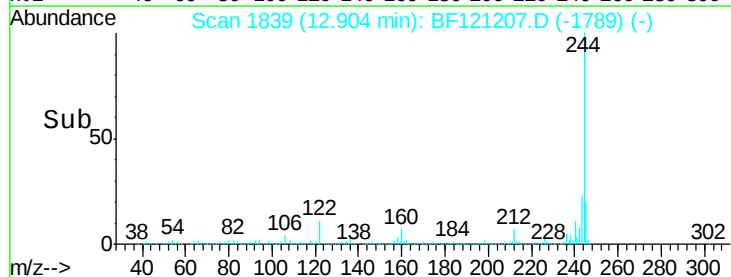
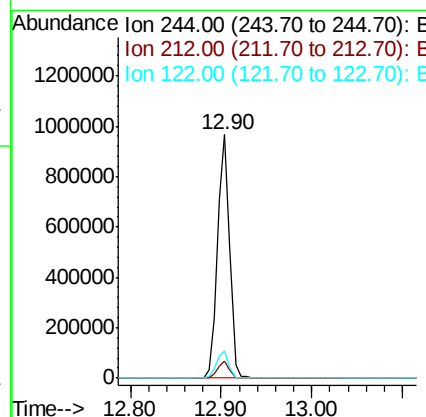
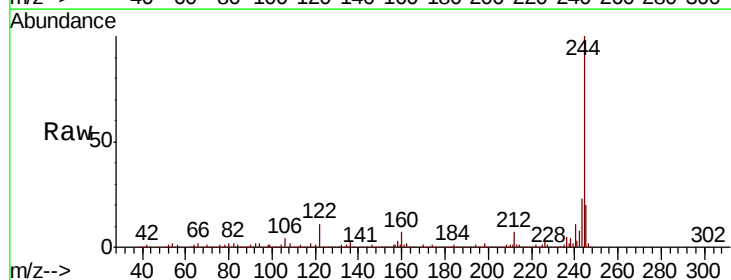
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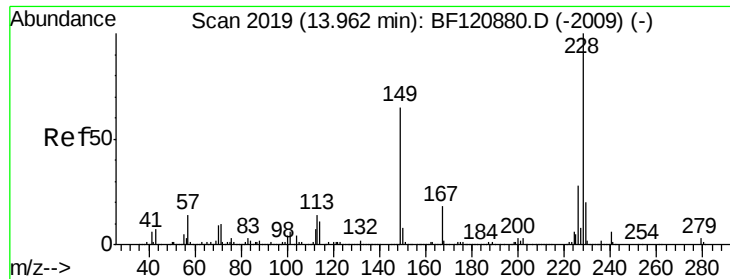
mohammad
8/7/2020 1:50:53 PM



#79
Terphenyl-d14
Concen: 49.562 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.1	8.3	12.5





#81

Benzo(a)anthracene

Concen: 12.428 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Instrument :

BNA_F

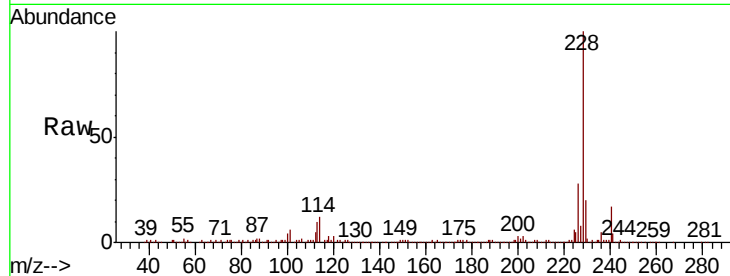
ClientSampleId :

JB-1A

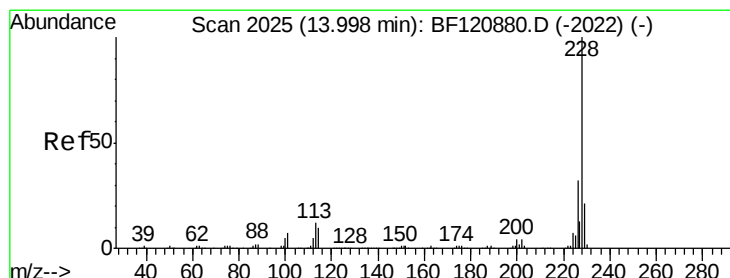
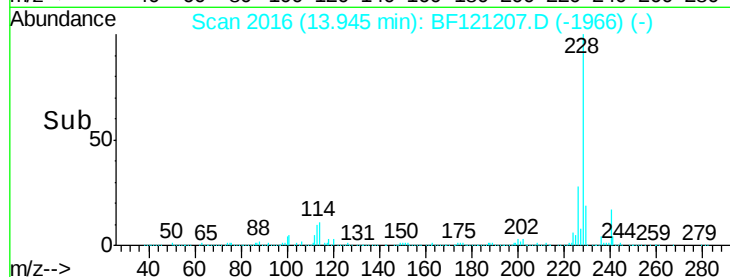
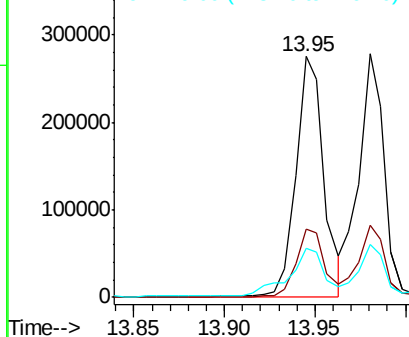
Tot Ion:	228	Resp:	297333
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	34.0
229	20.1	16.1	24.1

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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: 10.783 ng

RT: 13.98 min Scan# 2022

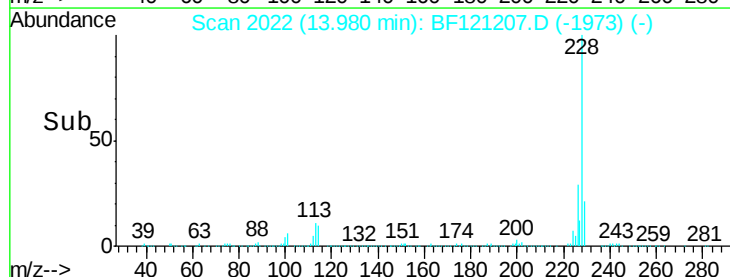
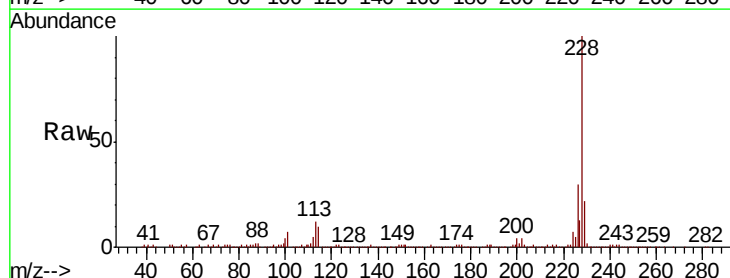
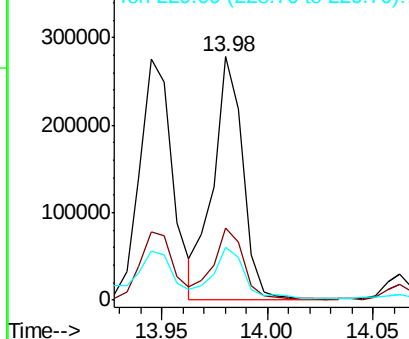
Delta R.T. -0.01 min

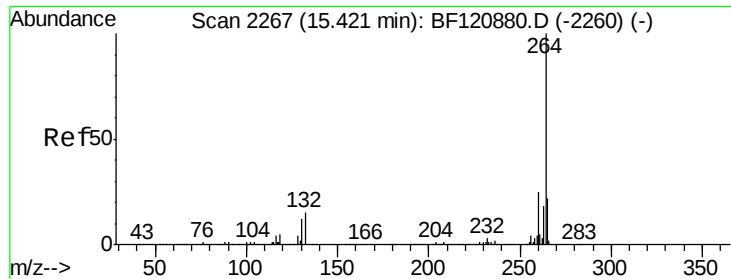
Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Tgt Ion:	228	Resp:	271107
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.4	38.0
229	21.5	16.2	24.4

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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF121207.D

Acq: 6 Aug 2020 17:42

Instrument :

BNA_F

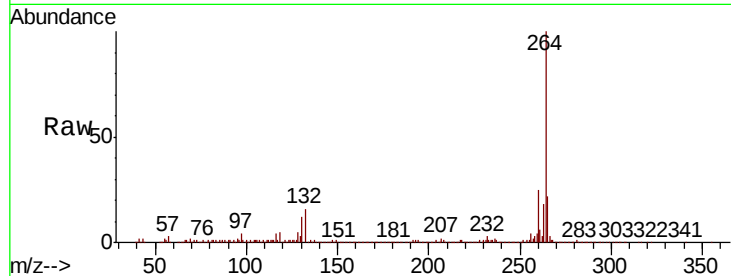
ClientSampleId :

JB-1A

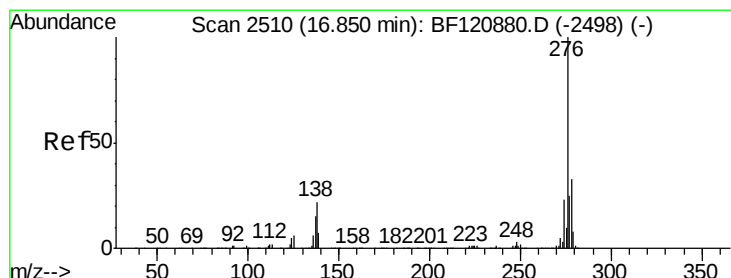
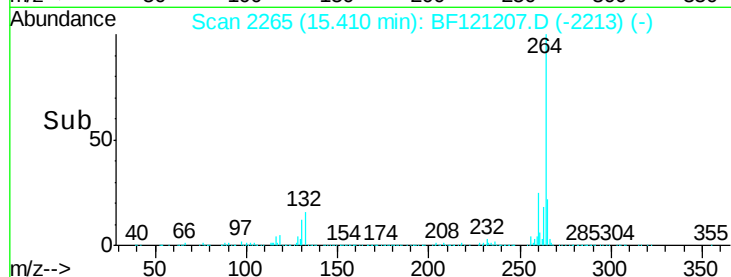
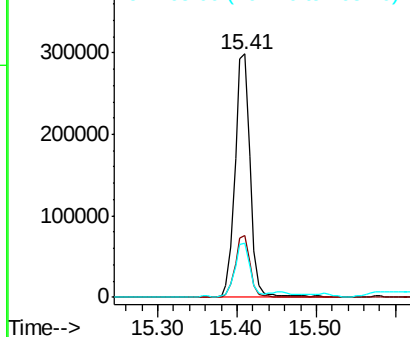
Tot Ion:	264	Resp:	392326
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.9	29.9
265	22.1	17.8	26.8

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.868 ng

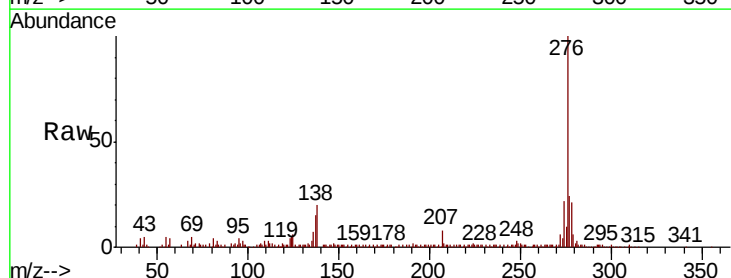
RT: 16.83 min Scan# 2507

Delta R.T. 0.00 min

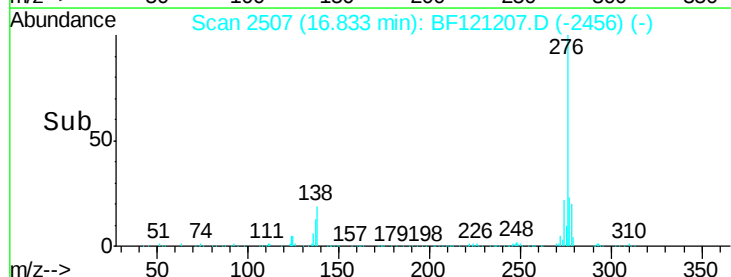
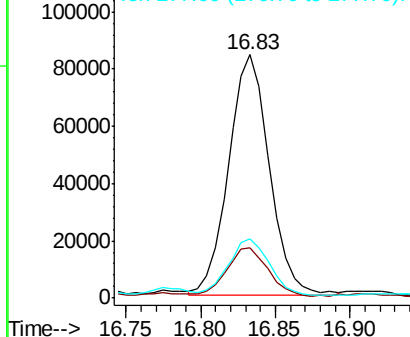
Lab File: BF121207.D

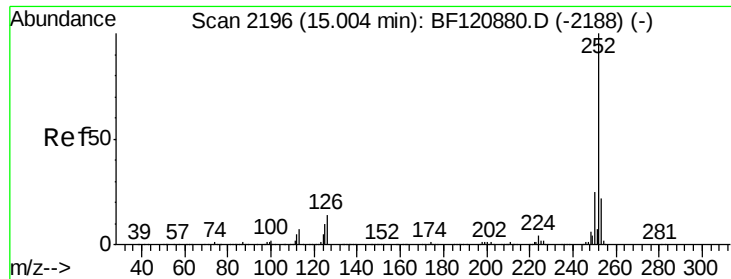
Acq: 6 Aug 2020 17:42

Tgt Ion:	276	Resp:	160111
Ion Ratio	Lower	Upper	
276	100		
138	20.1	19.3	28.9
277	23.5	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





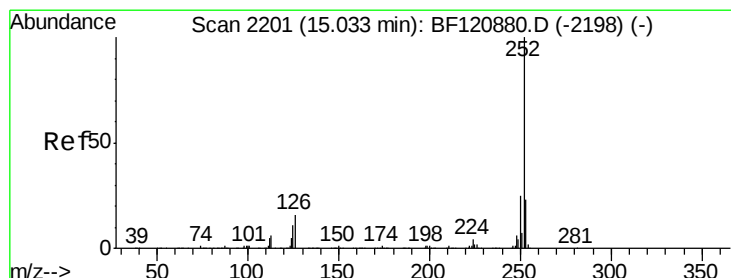
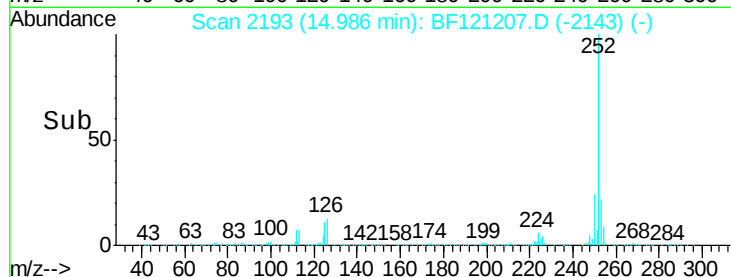
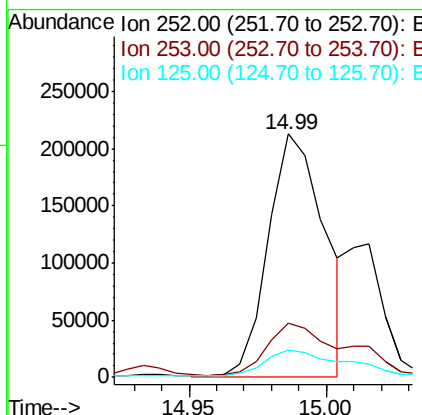
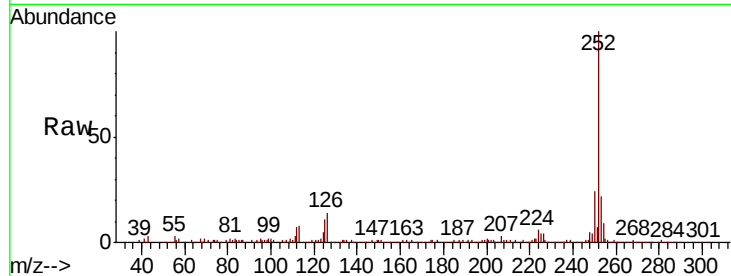
#88
Benzo(b)fluoranthene
Concen: 12.767 ng m
RT: 14.99 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
JB-1A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.2	8.1	12.1

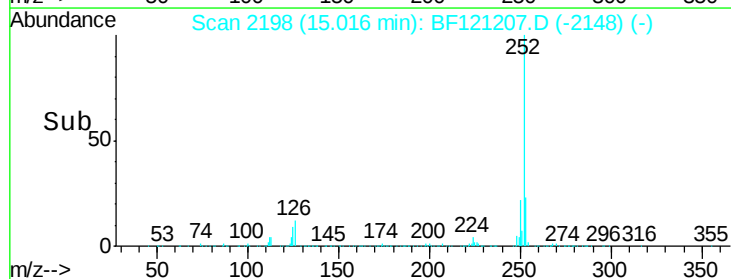
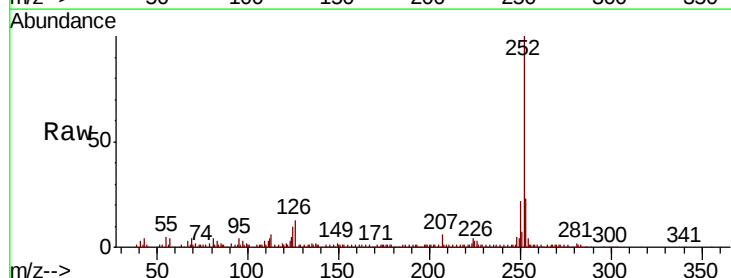
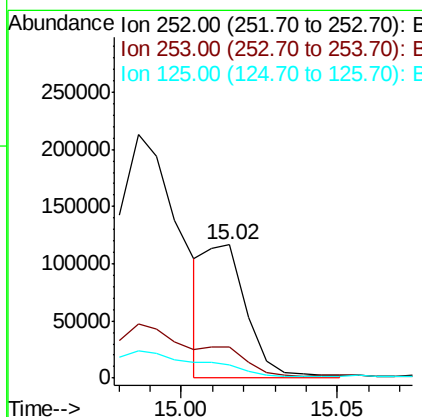
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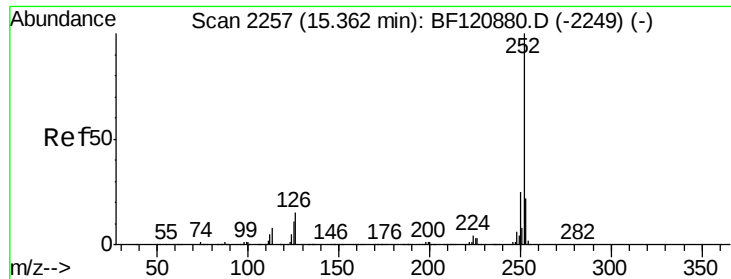
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#89
Benzo(k)fluoranthene
Concen: 5.079 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	9.9	8.0	12.0





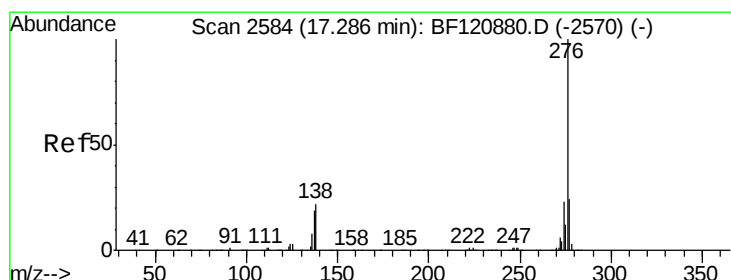
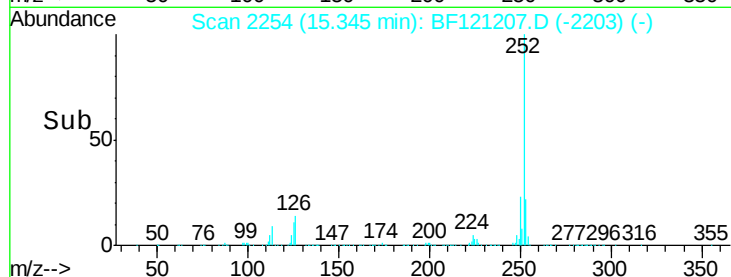
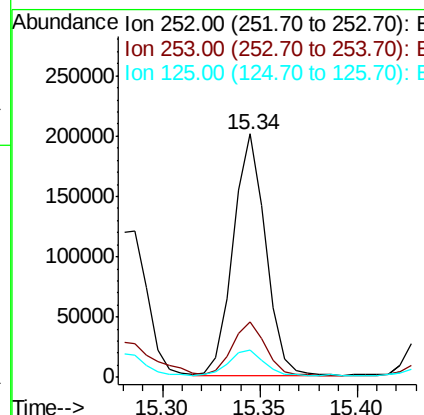
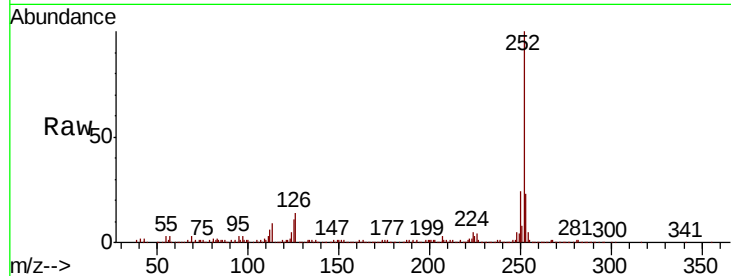
#90
Benzo(a)pyrene
Concen: 10.804 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Instrument :
BNA_F
ClientSampled :
JB-1A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.4	9.5	14.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.099 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF121207.D
Acq: 6 Aug 2020 17:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	23.0	17.2	25.8

