

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121313.D
 Acq On : 17 Aug 2020 16:49
 Operator : JU/CG
 Sample : L3500-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081420

Manual Integrations
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 8/18/2020 1:50:15 PM

Quant Time: Aug 17 17:25:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94121	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	369379	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	192254	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	366924	20.00	ng	0.00
76) Chrysene-d12	13.86	240	264039	20.00	ng	0.00
86) Perylene-d12	15.27	264	273484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	417021	67.17	ng	0.00
7) Phenol-d6	6.35	99	510155	63.77	ng	0.00
23) Nitrobenzene-d5	7.27	82	327516	48.46	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	154697	65.35	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	667249	48.01	ng	0.00
79) Terphenyl-d14	12.80	244	667112	49.25	ng	0.00
Target Compounds						
10) Phenol	6.36	94	21968	2.531	ng	Qvalue # 76
50) Dimethylphthalate	9.46	163	142025	9.817	ng	99
75) Fluoranthene	12.43	202	136049	5.821	ng	99
78) Pyrene	12.66	202	127088	6.464	ng	99
81) Benzo(a)anthracene	13.84	228	82819m	4.625	ng	
83) Chrysene	13.88	228	65447	3.579	ng	97
87) Indeno(1,2,3-cd)pyrene	16.63	276	51828	2.549	ng	97
88) Benzo(b)fluoranthene	14.87	252	110182m	6.013	ng	
90) Benzo(a)pyrene	15.21	252	75775	4.582	ng	98
92) Benzo(g,h,i)perylene	17.04	276	50620	2.944	ng	96

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

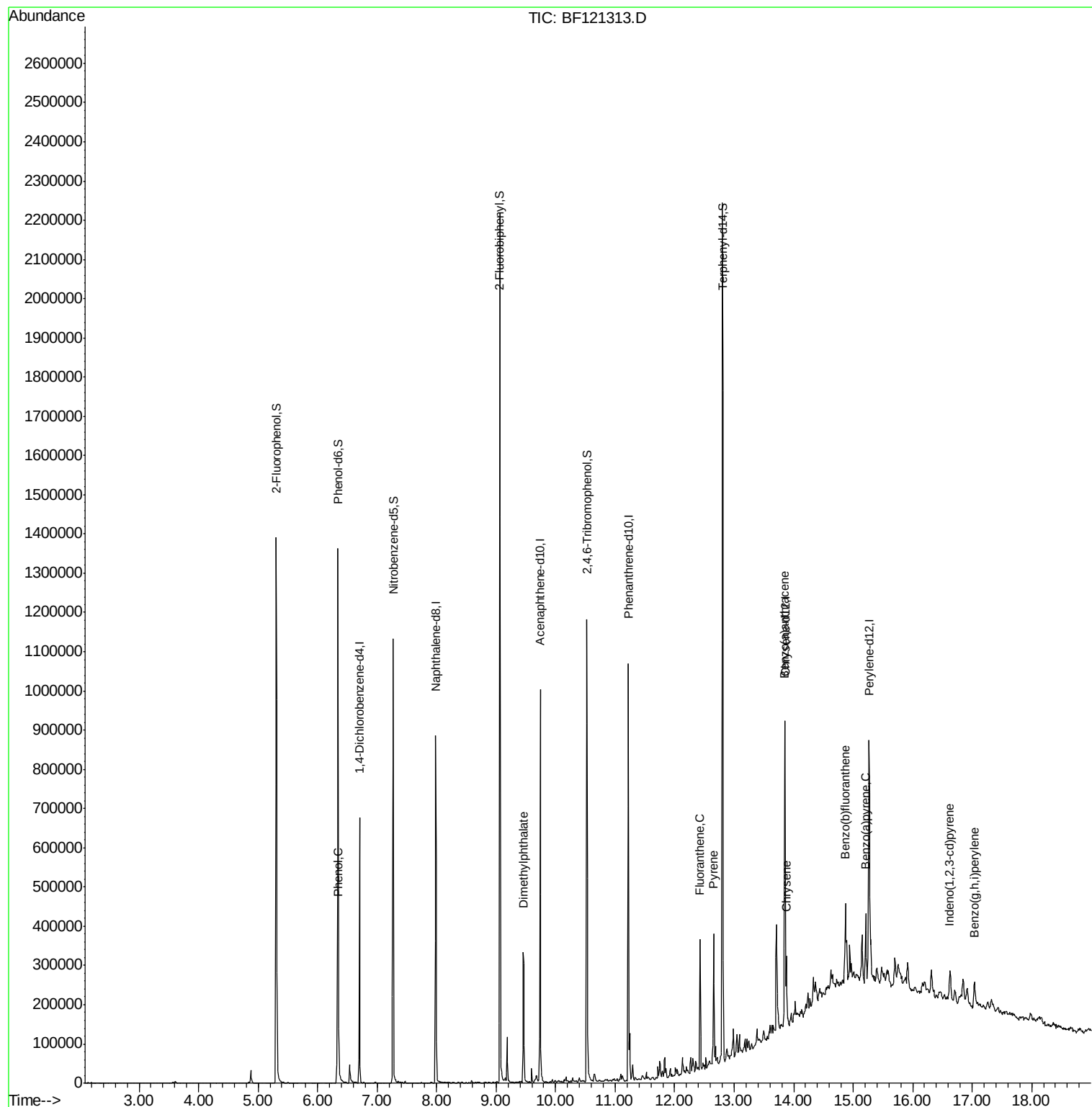
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121313.D
Acq On : 17 Aug 2020 16:49
Operator : JU/CG
Sample : L3500-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

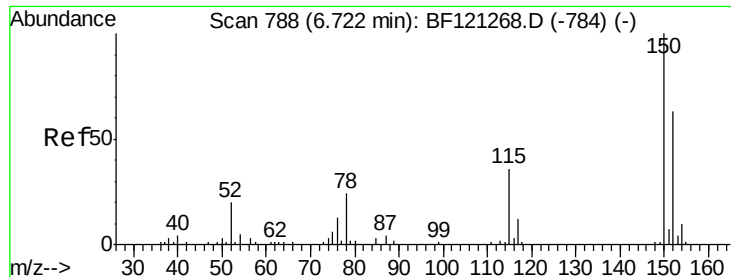
Instrument :
BNA_F
ClientSampleId :
CL-02-081420

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Quant Time: Aug 17 17:25:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
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#1

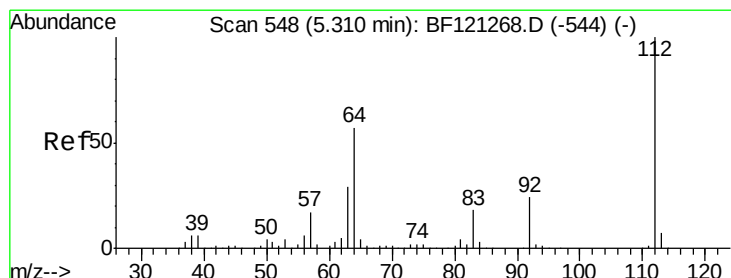
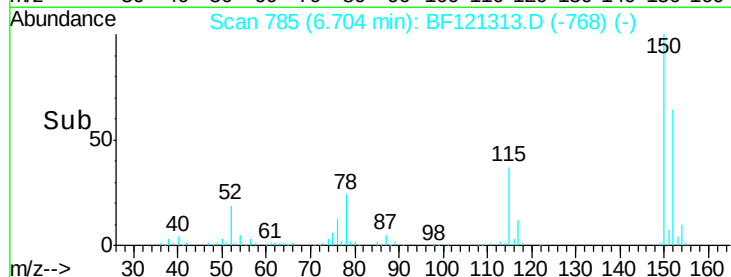
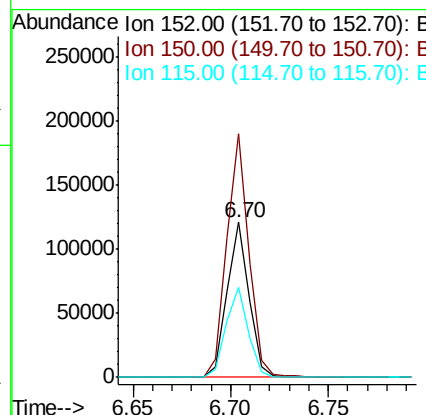
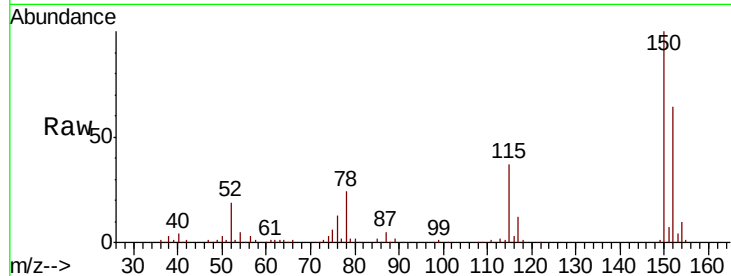
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Instrument :
BNA_F
ClientSampleId :
CL-02-081420

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.9	185.9
115	57.7	47.3	70.9

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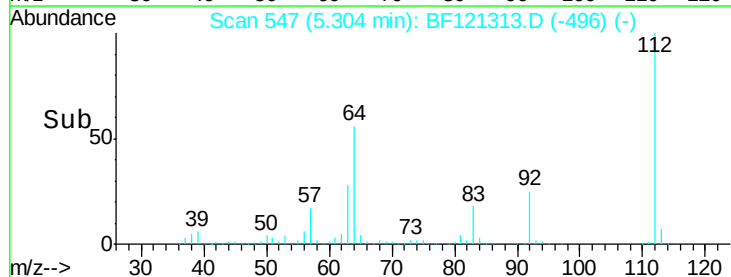
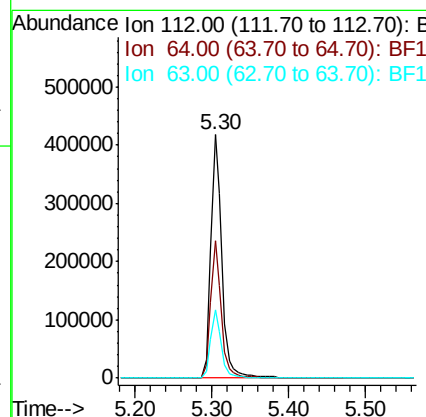
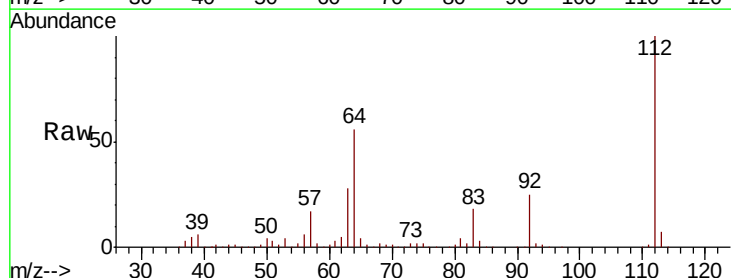
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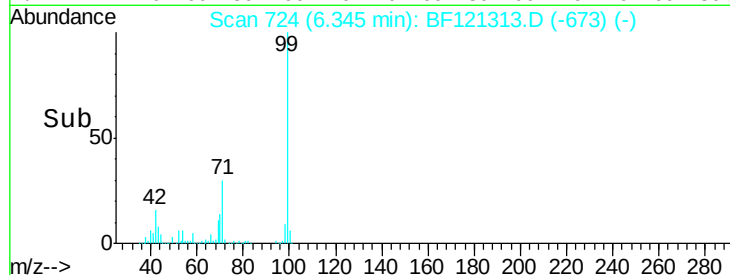
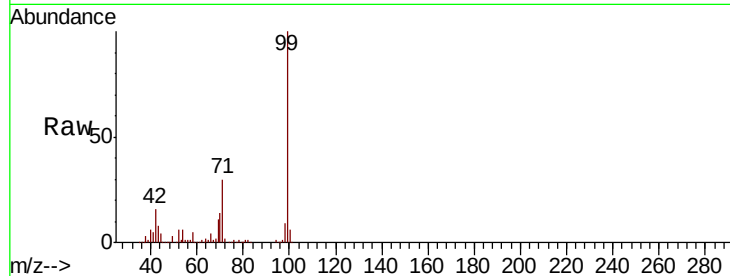
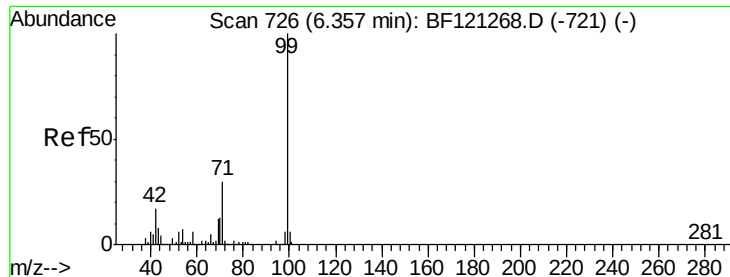


#5

2-Fluorophenol
Concen: 67.172 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.9	64.3
63	28.1	22.2	33.2





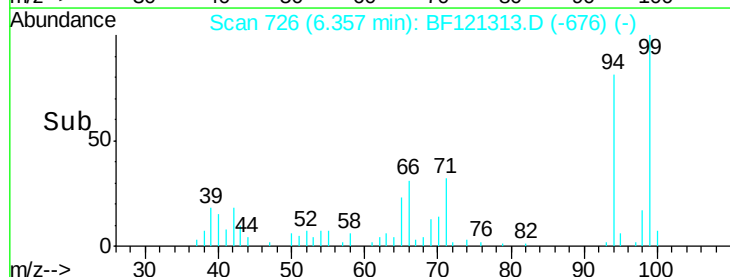
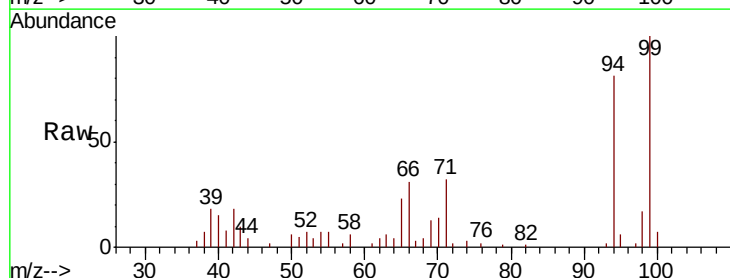
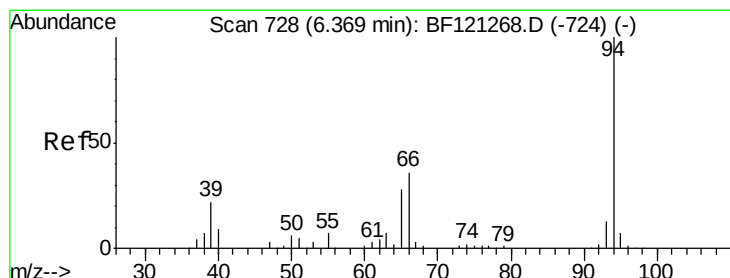
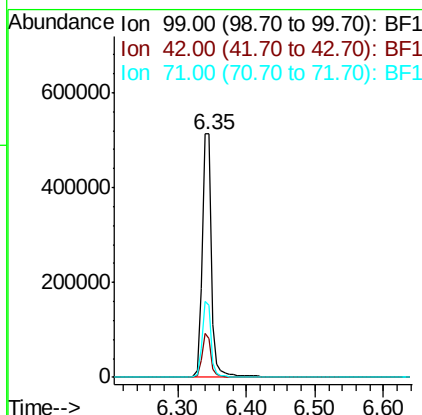
#7
Phenol-d6
Concen: 63.768 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		510155		
42	16.1	13.8	20.8		
71	29.8	24.8	37.2		

Instrument :
BNA_F
ClientSampleId :
CL-02-081420

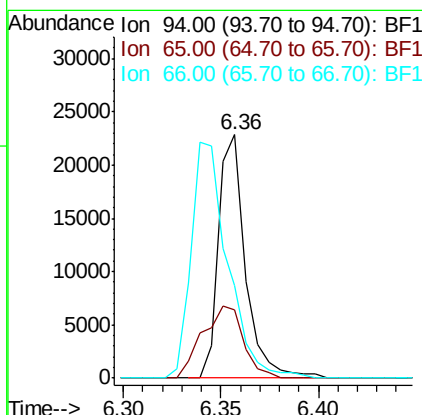
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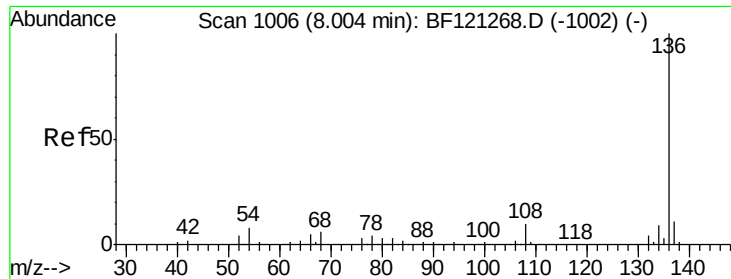
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#10
Phenol
Concen: 2.531 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		21968		
65	28.3	19.2	59.2		
66	37.9	39.6	79.6#		





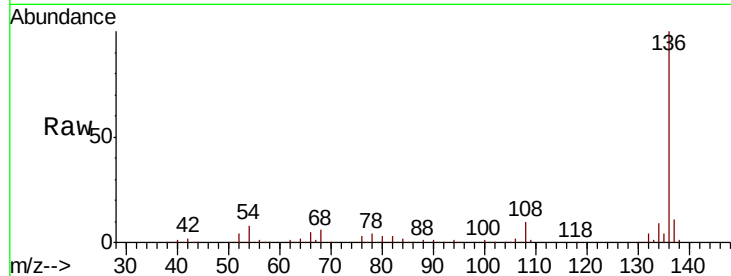
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Instrument :
BNA_F
ClientSampleId :
CL-02-081420

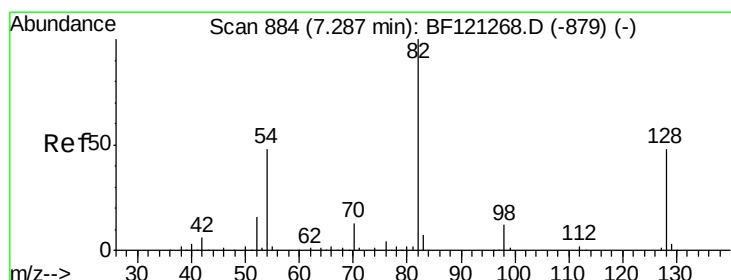
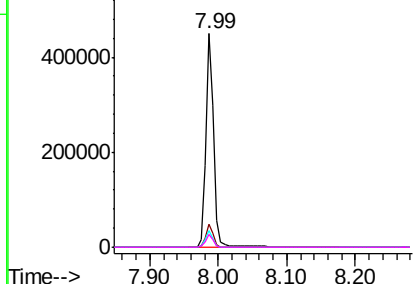
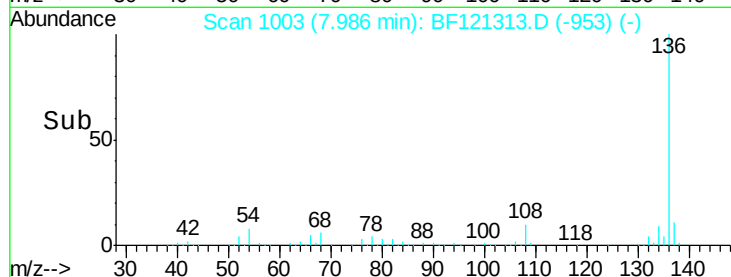
Tot Ion	Ratio	Resp	Lower	Upper
136	100	369379		
137	11.1	8.6	13.0	
54	7.6	5.4	8.2	
68	5.8	4.6	6.8	

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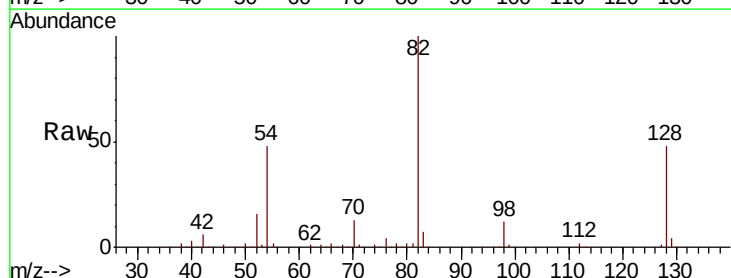


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

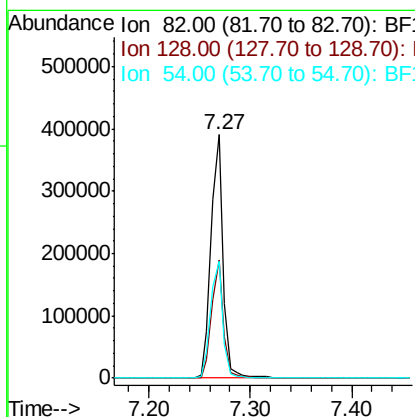
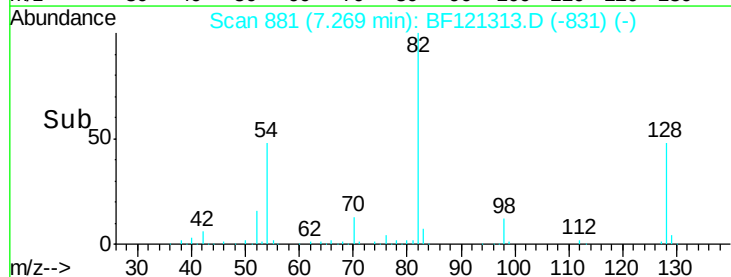


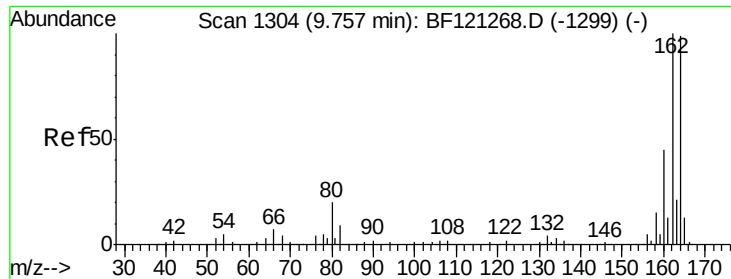
#23
Nitrobenzene-d5
Concen: 48.459 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	327516		
128	48.5	38.2	57.2	
54	47.8	38.2	57.4	



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: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121313.D

Acq: 17 Aug 2020 16:49

Instrument :

BNA_F

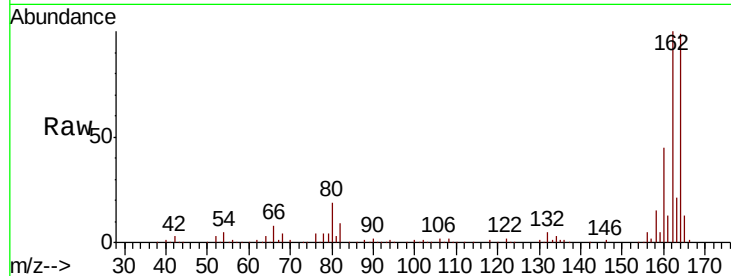
ClientSampleId :

CL-02-081420

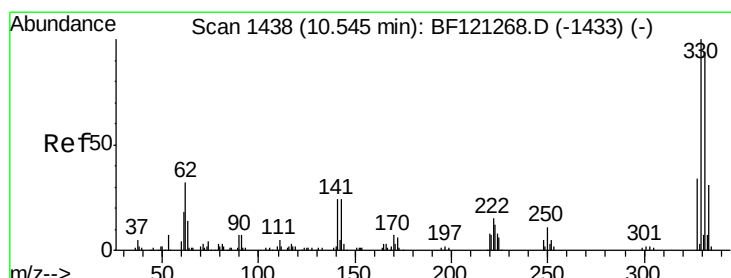
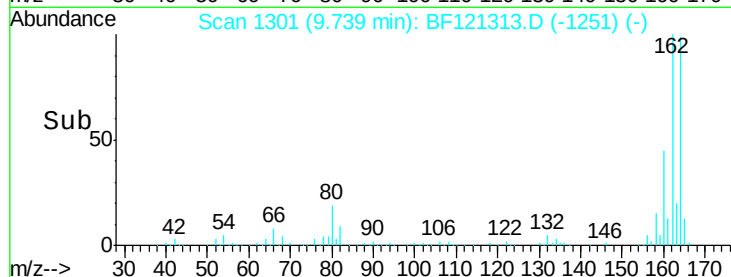
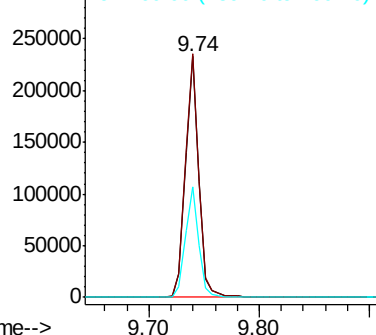
Tot Ion:	164	Resp:	192254
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.2	120.2
160	46.0	36.5	54.7

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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: 65.355 ng

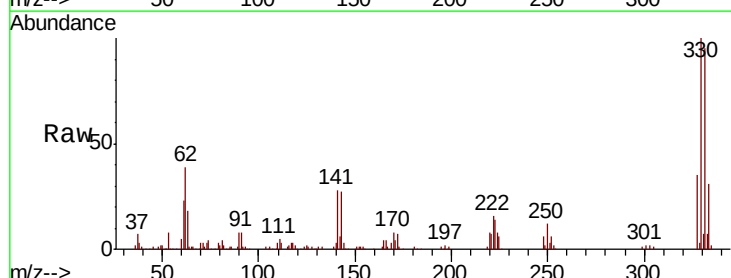
RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

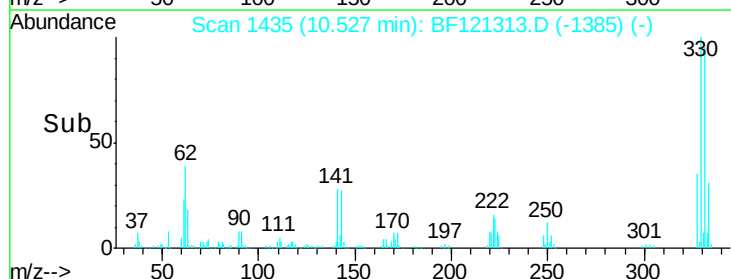
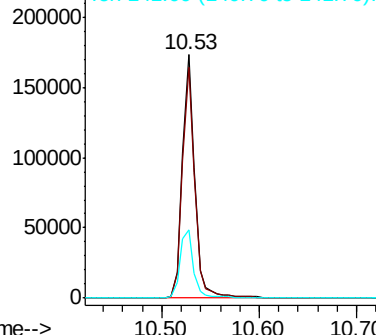
Lab File: BF121313.D

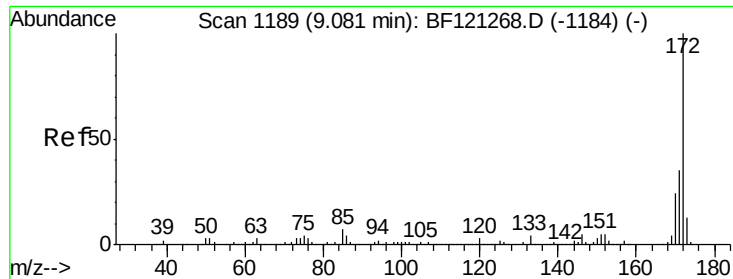
Acq: 17 Aug 2020 16:49

Tgt Ion:	330	Resp:	154697
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.4	116.0
141	30.5	24.2	36.4



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





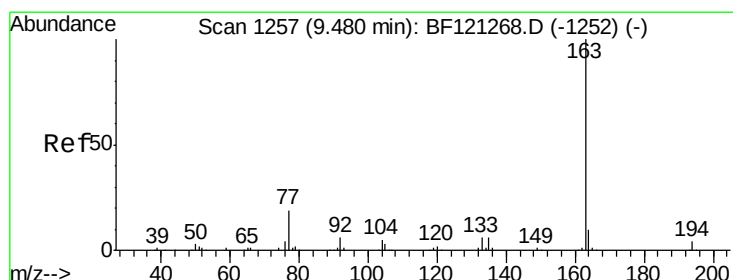
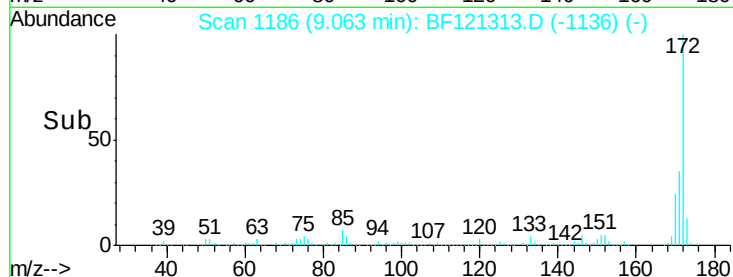
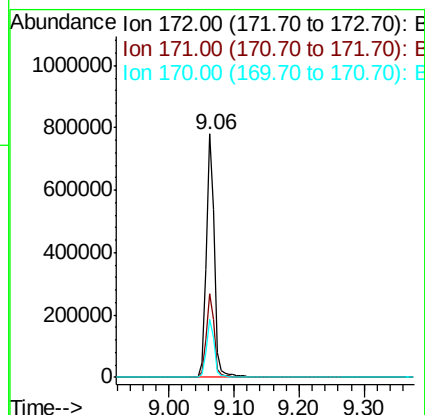
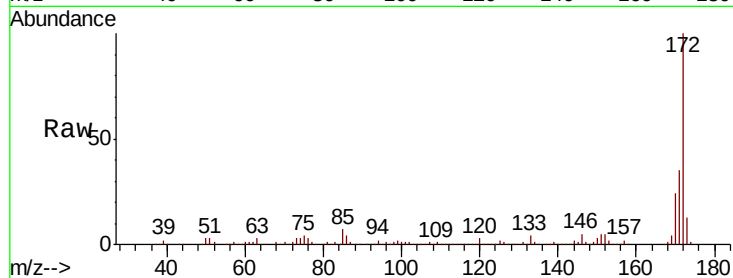
#45
2-Fluorobiphenyl
Concen: 48.009 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Instrument :
BNA_F
ClientSampleId :
CL-02-081420

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.8	43.2
170	23.6	19.3	28.9

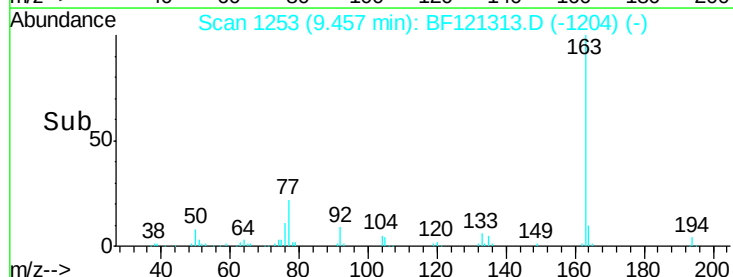
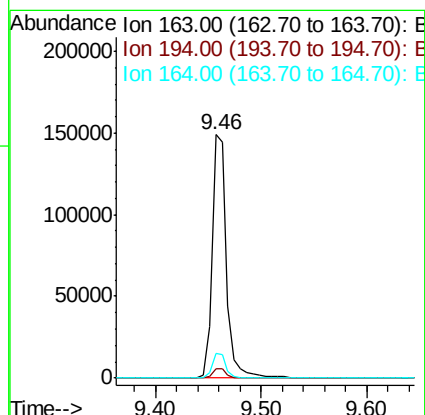
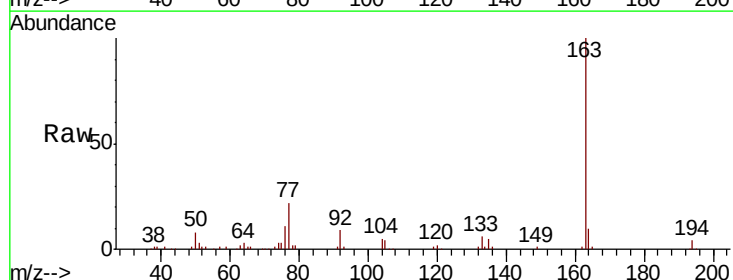
Manual Integrations
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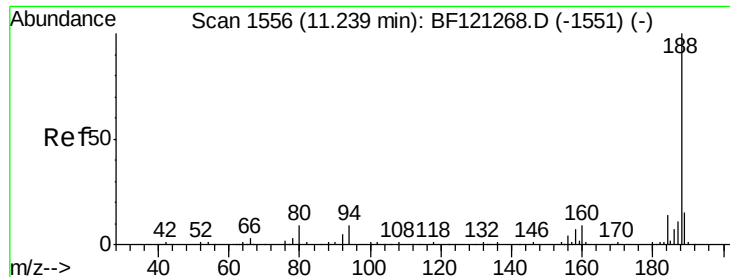
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#50
Dimethylphthalate
Concen: 9.817 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	10.1	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF121313.D

Acq: 17 Aug 2020 16:49

Instrument :

BNA_F

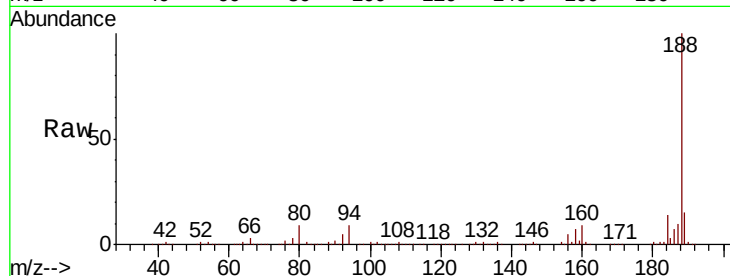
ClientSampleId :

CL-02-081420

Tot Ion:	188	Resp:	366924
Ion Ratio	Lower	Upper	
188	100		
94	9.2	6.4	9.6
80	9.5	7.0	10.4

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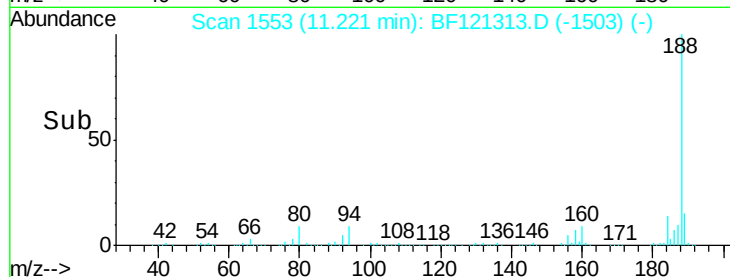


Abundance Ion 188.00 (187.70 to 188.70): E

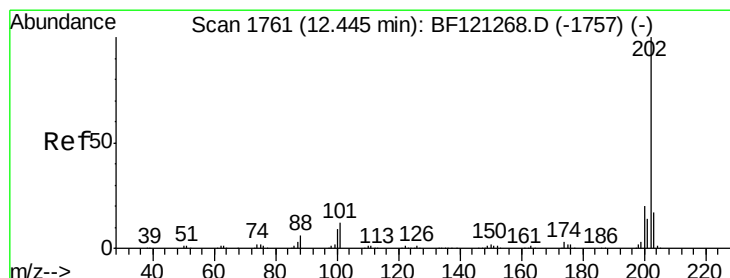
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Fluoranthene

Concen: 5.821 ng

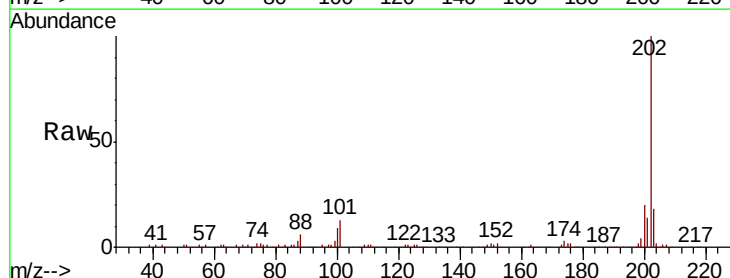
RT: 12.43 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF121313.D

Acq: 17 Aug 2020 16:49

Tgt Ion:	202	Resp:	136049
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.2
203	17.9	0.0	38.2

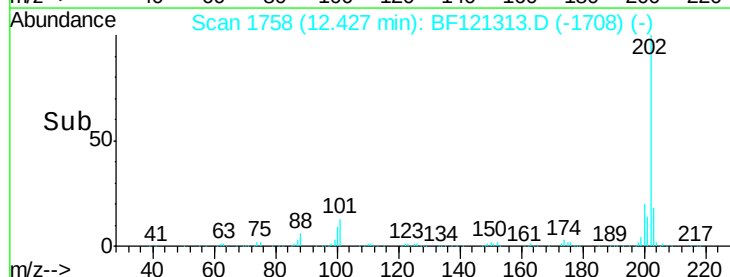


Abundance Ion 202.00 (201.70 to 202.70): E

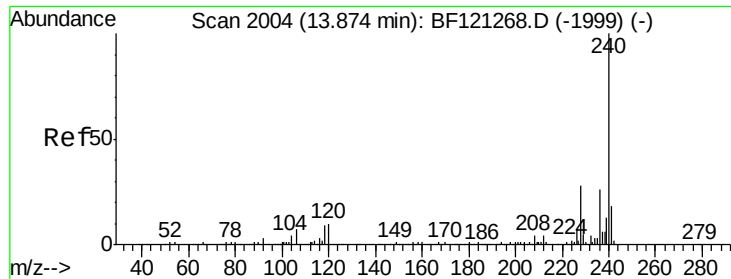
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



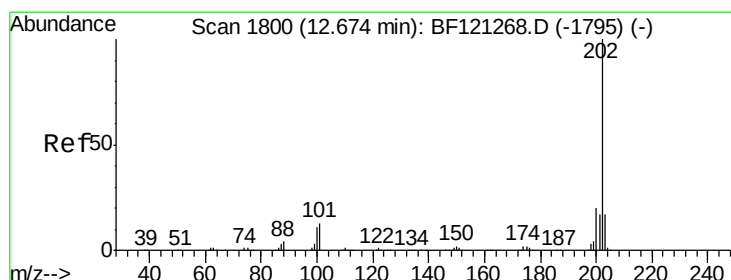
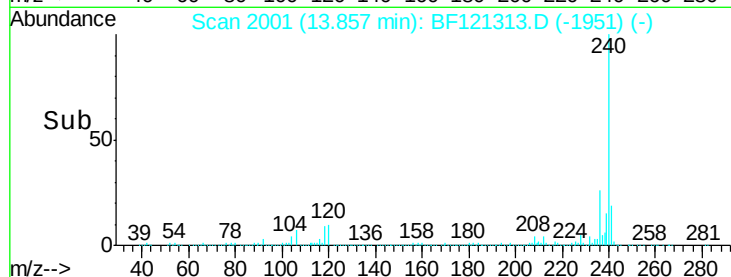
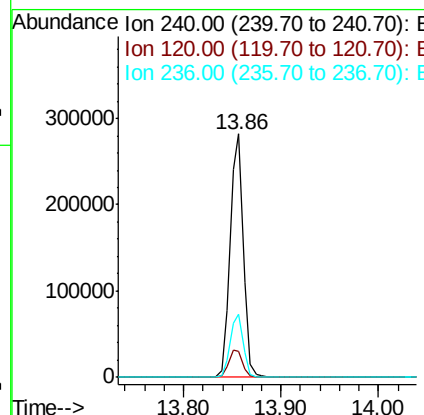
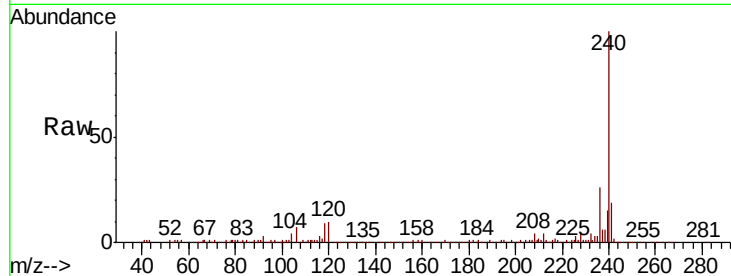
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Instrument :
BNA_F
ClientSampleId :
CL-02-081420

Tot Ion	Ratio	Resp	Lower	Upper
240	100	264039		
120	10.5	8.3	12.5	
236	26.2	21.2	31.8	

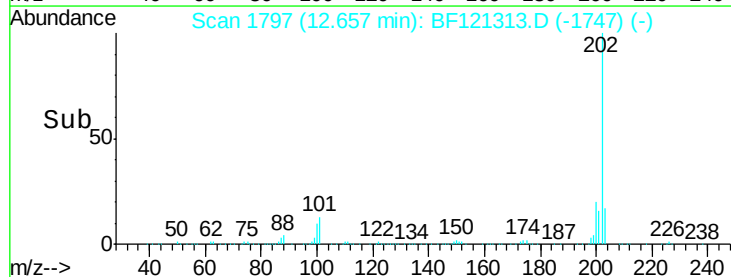
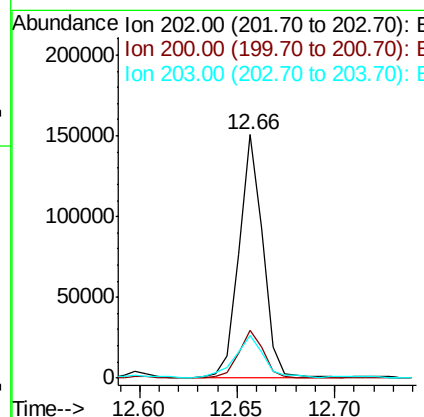
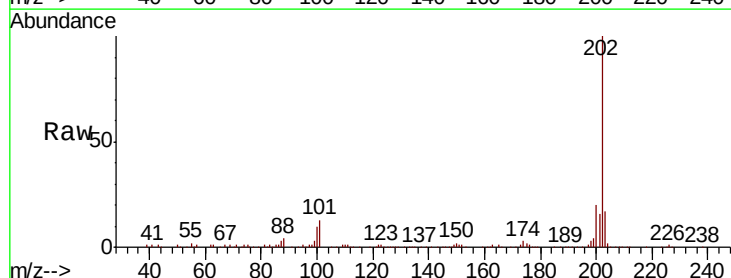
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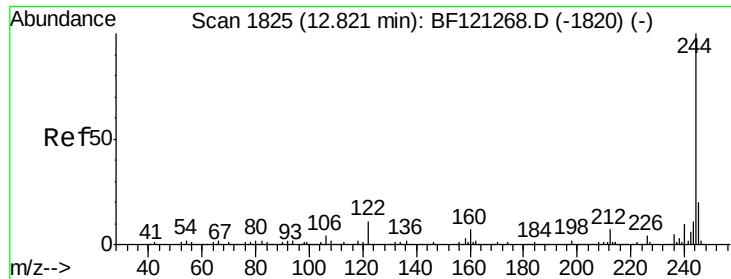
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#78
Pyrene
Concen: 6.464 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	127088		
200	19.6	16.4	24.6	
203	17.4	14.2	21.4	





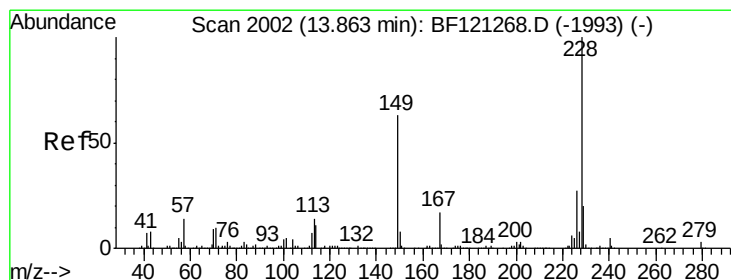
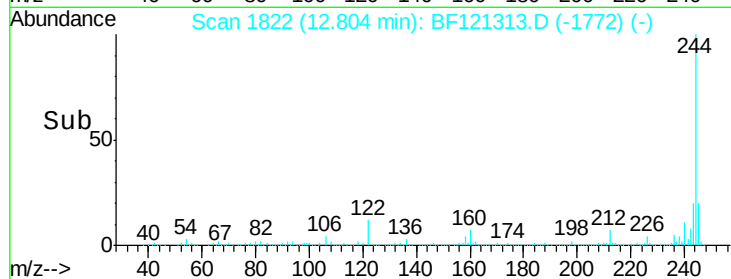
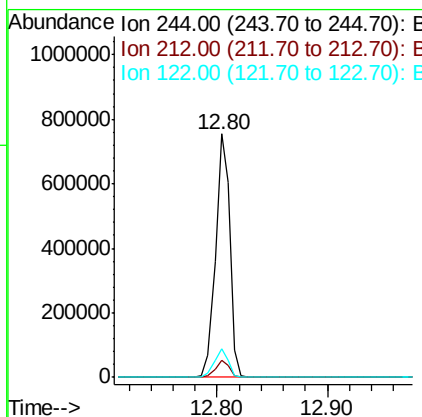
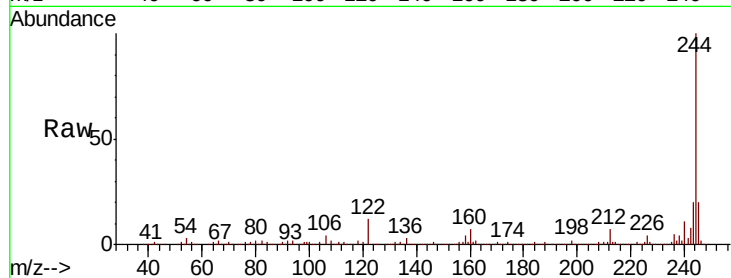
#79
 Terphenyl-d14
 Concen: 49.252 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121313.D
 Acq: 17 Aug 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081420

Tot Ion	Ratio	Resp	Lower	Upper
244	100	667112		
212	6.9	5.4	8.0	
122	11.8	9.0	13.6	

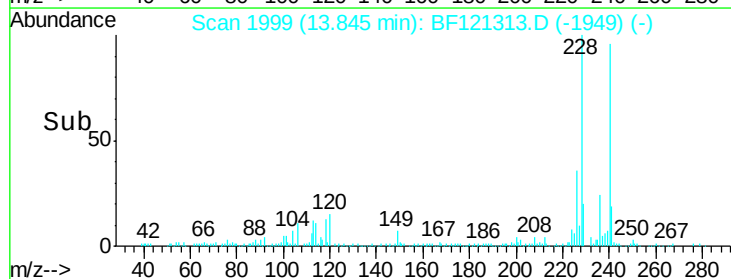
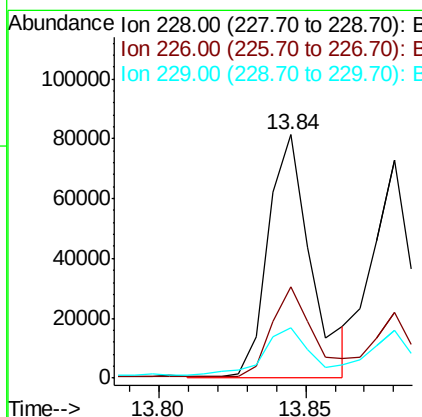
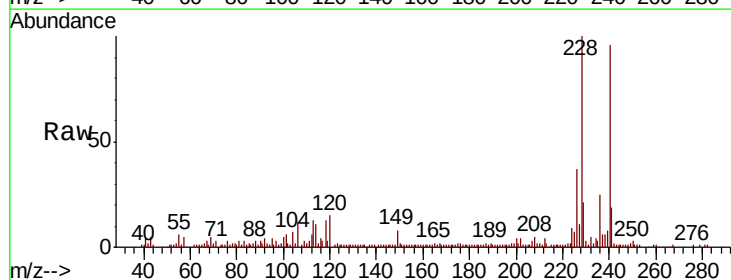
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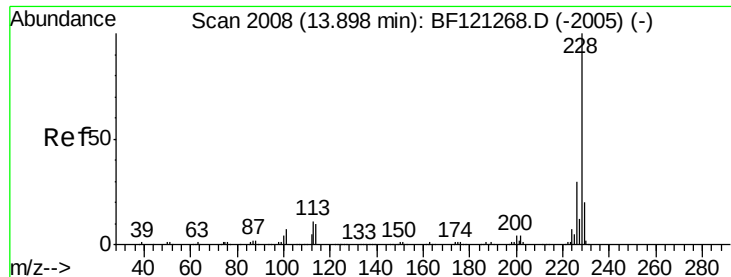
mohammad
 8/18/2020 1:50:15 PM



#81
 Benzo(a)anthracene
 Concen: 4.625 ng m
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF121313.D
 Acq: 17 Aug 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	82819		
226	37.2	22.0	33.0#	
229	20.8	15.8	23.6	





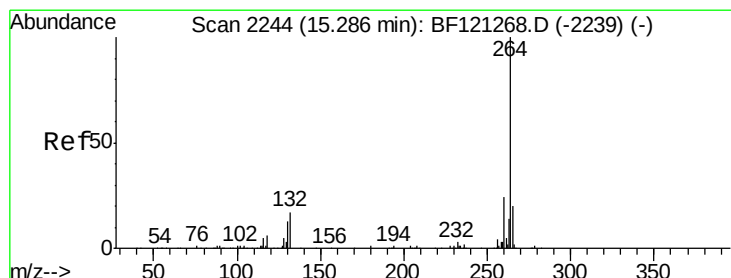
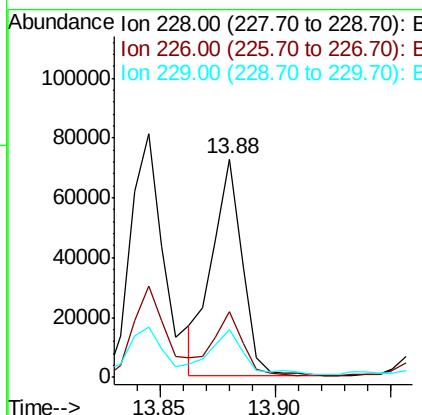
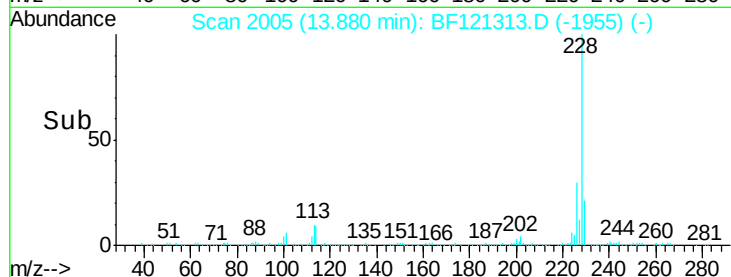
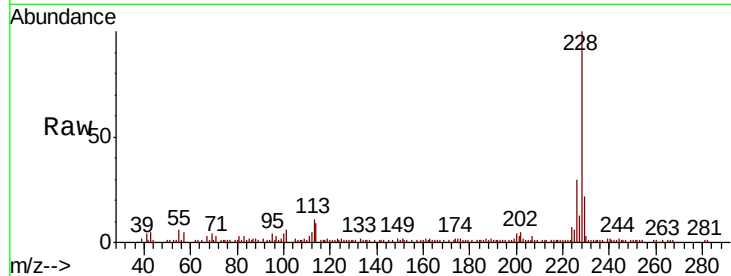
#83
 Chrysene
 Concen: 3.579 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF121313.D
 Acq: 17 Aug 2020 16:49

Instrument :
 BNA_F
 ClientSampleID :
 CL-02-081420

Tot Ion:	228	Resp:	65447
Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	22.2	16.3	24.5

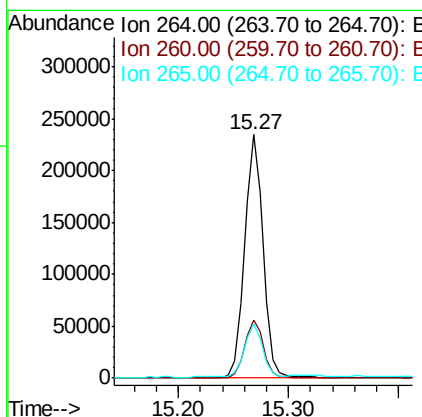
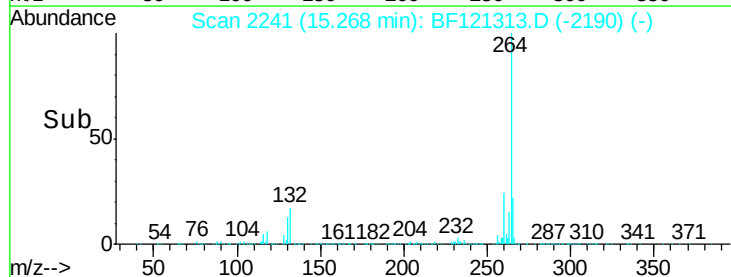
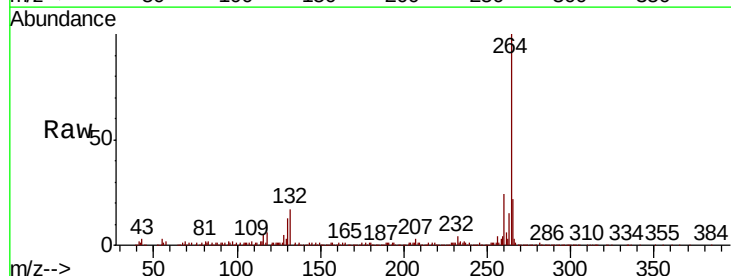
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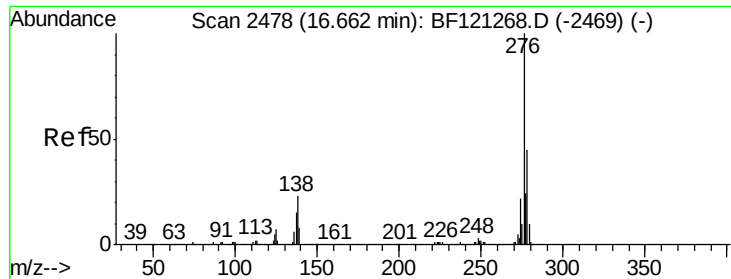
mohammad
 8/18/2020 1:50:15 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BF121313.D
 Acq: 17 Aug 2020 16:49

Tgt Ion:	264	Resp:	273484
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.2	17.1	25.7





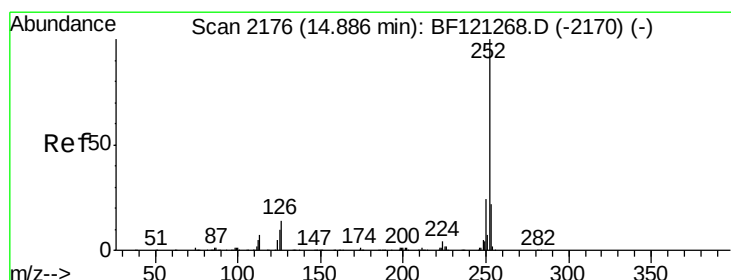
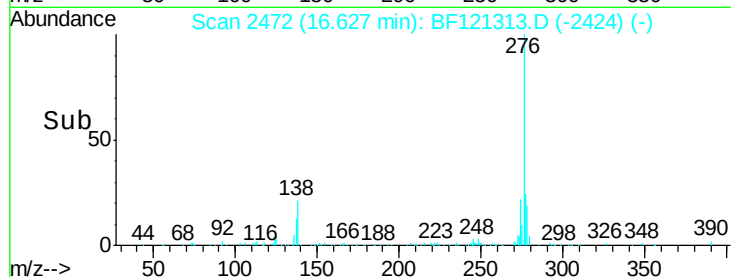
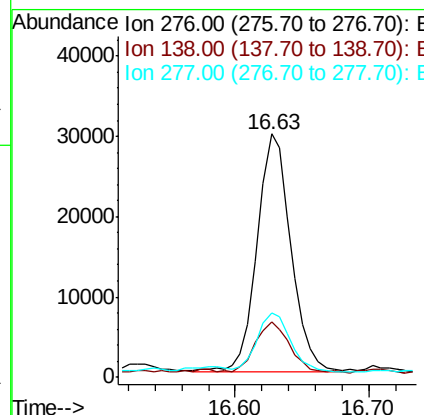
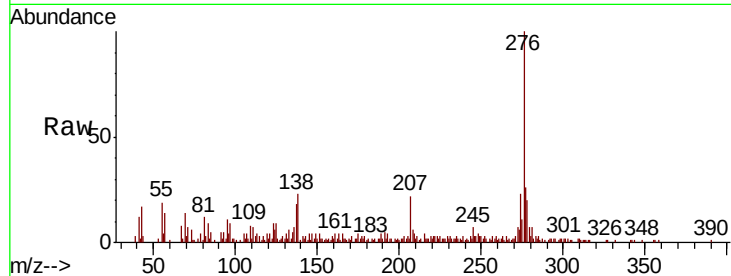
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.549 ng
 RT: 16.63 min Scan# 2472
 Delta R.T. -0.02 min
 Lab File: BF121313.D
 Acq: 17 Aug 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081420

Tot Ion:	276	Resp:	51828
Ion Ratio	Lower	Upper	
276	100		
138	21.9	19.6	29.4
277	24.7	20.4	30.6

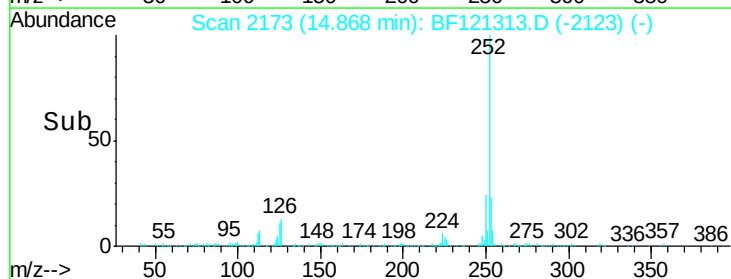
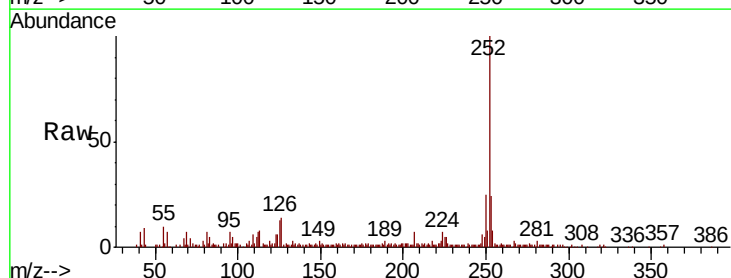
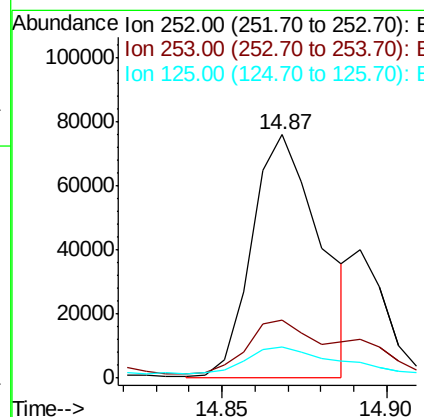
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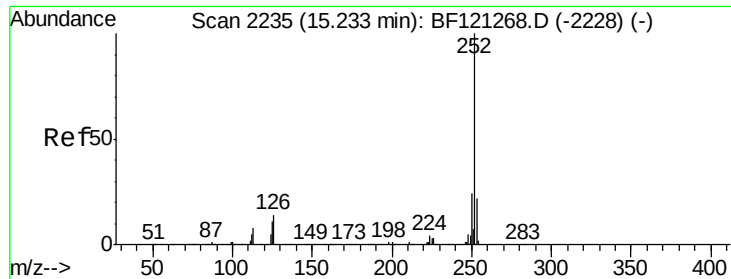
mohammad
 8/18/2020 1:50:15 PM



#88
 Benzo(b)fluoranthene
 Concen: 6.013 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF121313.D
 Acq: 17 Aug 2020 16:49

Tgt Ion:	252	Resp:	110182
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	12.7	7.5	11.3#





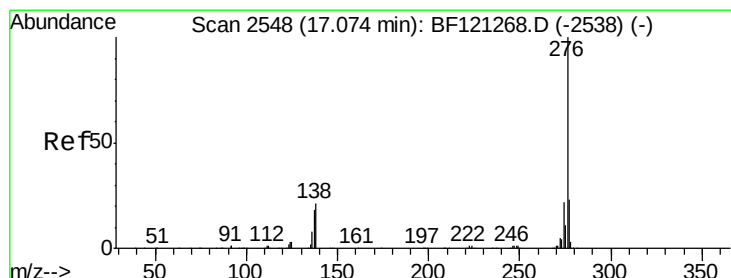
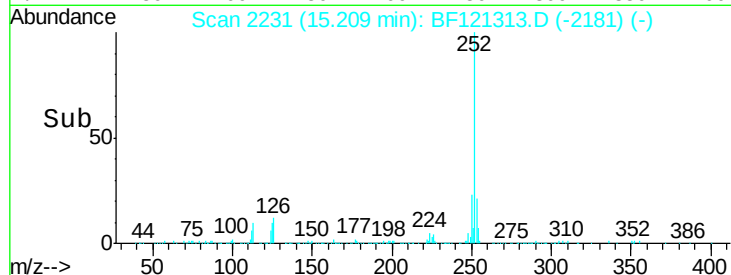
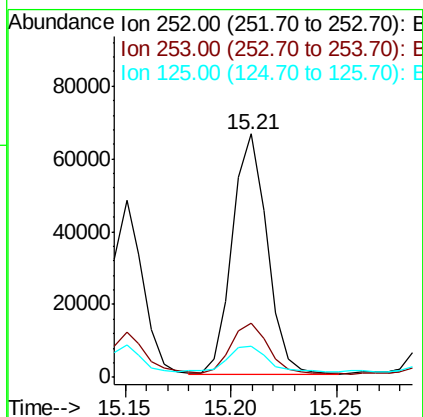
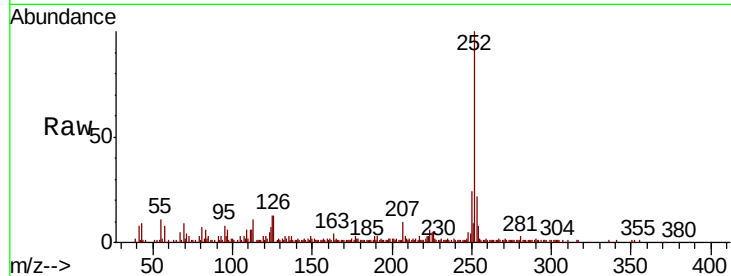
#90
Benzo(a)pyrene
Concen: 4.582 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Instrument :
BNA_F
ClientSampleId :
CL-02-081420

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	12.9	8.7	13.1

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#92
Benzo(g,h,i)perylene
Concen: 2.944 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF121313.D
Acq: 17 Aug 2020 16:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.1	28.7
138	23.1	16.6	24.8

