

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121343.D
 Acq On : 20 Aug 2020 13:10
 Operator : JU/CG
 Sample : L3507-08 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Manual Integrations
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mohammad
 8/21/2020 12:49:52 PM

Quant Time: Aug 20 14:36:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151836	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	584876	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	303998	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	553286	20.00	ng	0.00
76) Chrysene-d12	13.84	240	383391	20.00	ng	0.00
86) Perylene-d12	15.25	264	424912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	397752	42.95	ng	0.00
7) Phenol-d6	6.33	99	485705	41.09	ng	-0.01
23) Nitrobenzene-d5	7.25	82	300455	29.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	137924	38.93	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	588542	28.59	ng	0.00
79) Terphenyl-d14	12.79	244	533165	27.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	90512	4.093	ng	99
71) Phenanthrene	11.23	178	257705	9.000	ng	99
72) Anthracene	11.28	178	81752	2.965	ng	99
75) Fluoranthene	12.42	202	409913	13.189	ng	99
78) Pyrene	12.64	202	379714	13.185	ng	99
81) Benzo(a)anthracene	13.83	228	172834	7.258	ng	95
83) Chrysene	13.86	228	164585	6.758	ng	97
87) Indeno(1,2,3-cd)pyrene	16.60	276	86823	3.347	ng	95
88) Benzo(b)fluoranthene	14.85	252	195855m	7.135	ng	
89) Benzo(k)fluoranthene	14.87	252	59899m	2.479	ng	
90) Benzo(a)pyrene	15.19	252	143234	6.039	ng	96
92) Benzo(a,h,i)perylene	17.01	276	79686	3.833	ng	96

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

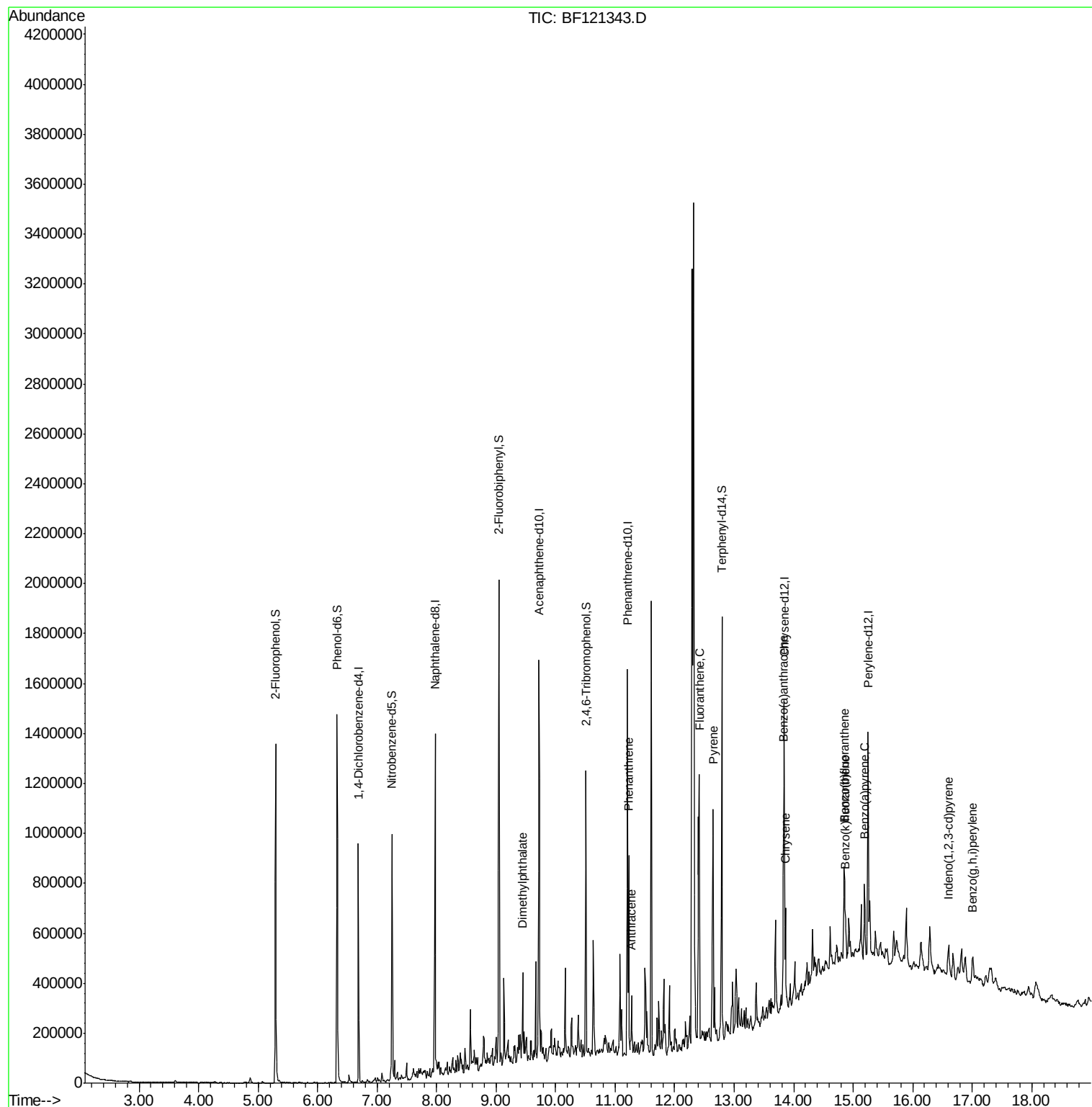
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
Data File : BF121343.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

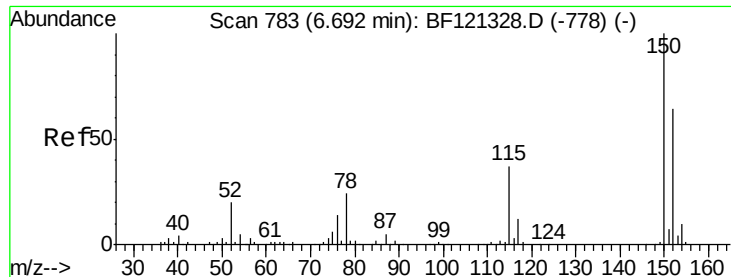
Instrument :
BNA_F
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SU-02-081820

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#1

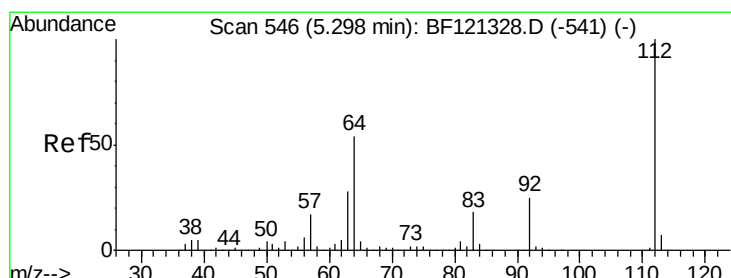
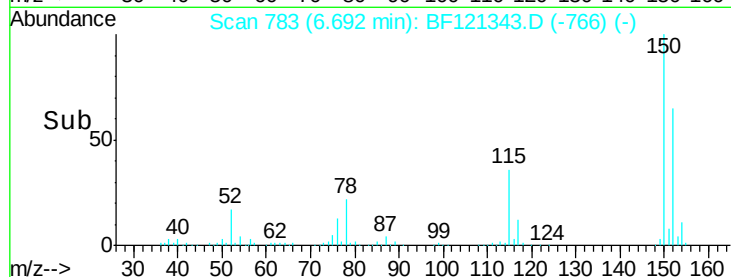
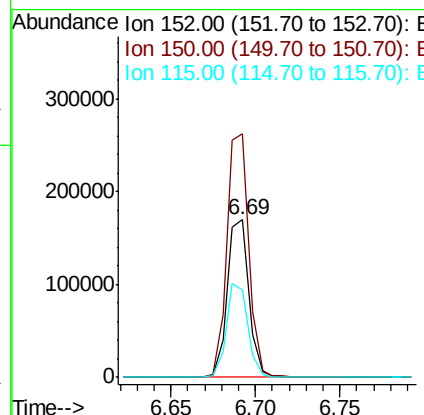
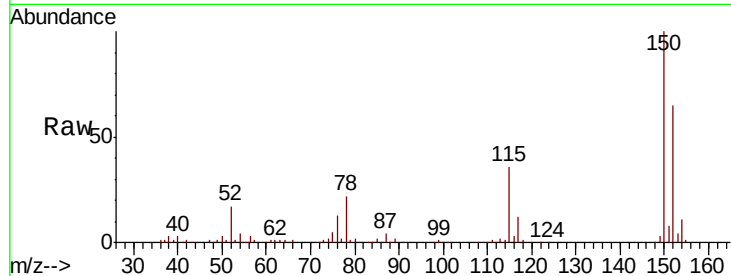
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.8	187.2
115	55.4	46.1	69.1

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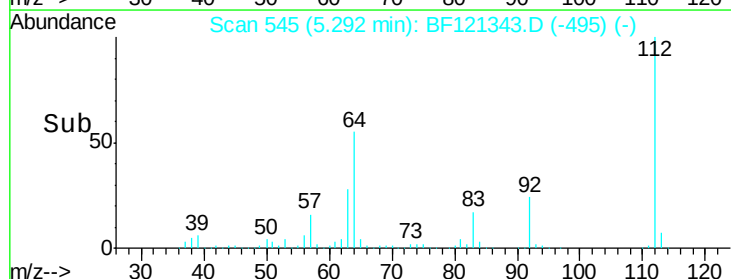
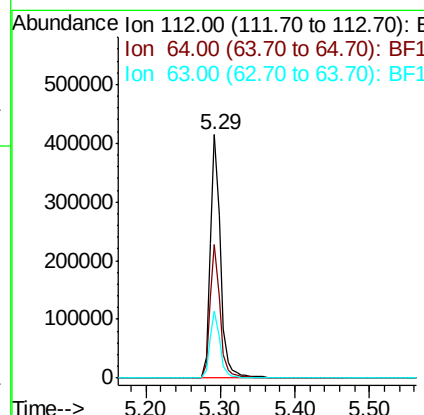
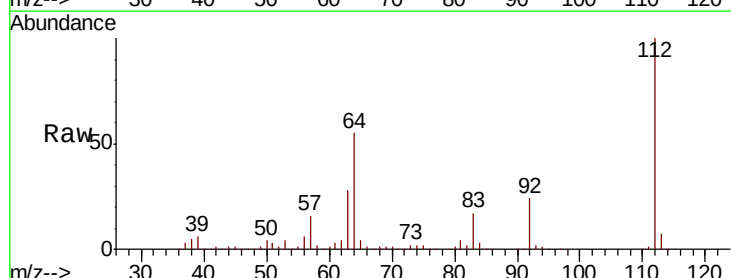
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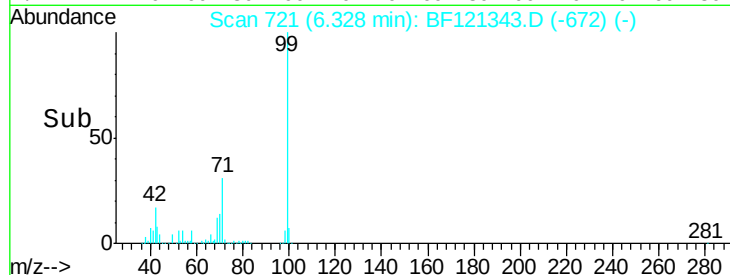
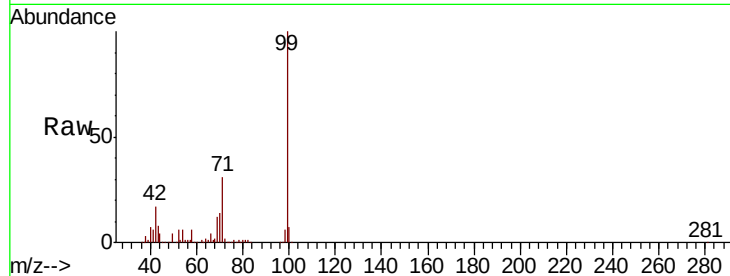
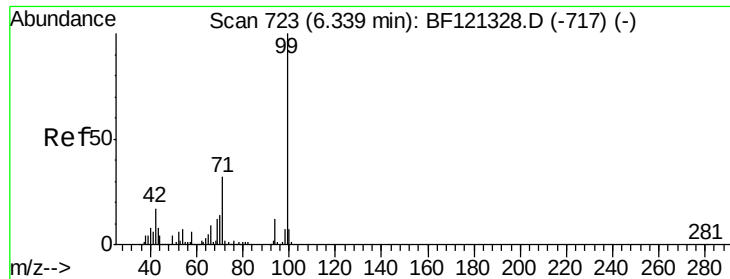


#5

2-Fluorophenol
Concen: 42.955 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.5	65.3
63	27.7	22.0	33.0





#7

Phenol-d6

Concen: 41.088 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121343.D

Acq: 20 Aug 2020 13:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		485705		
42	17.1	13.5	20.3		
71	30.7	25.2	37.8		

Instrument :

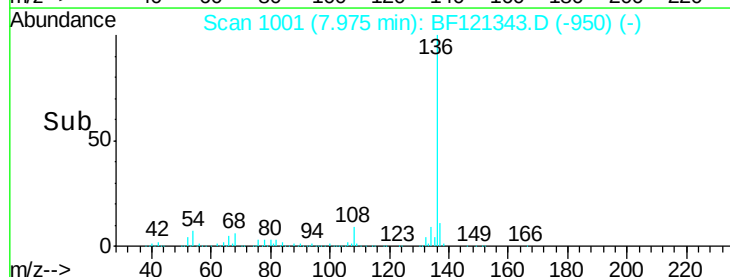
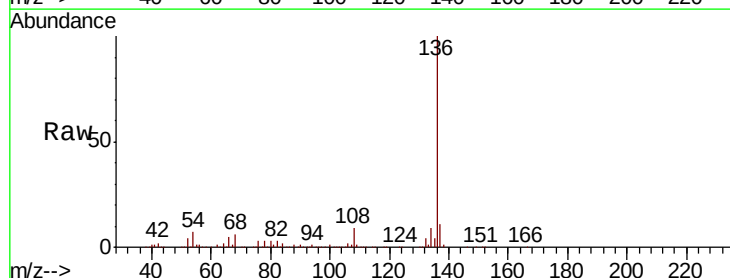
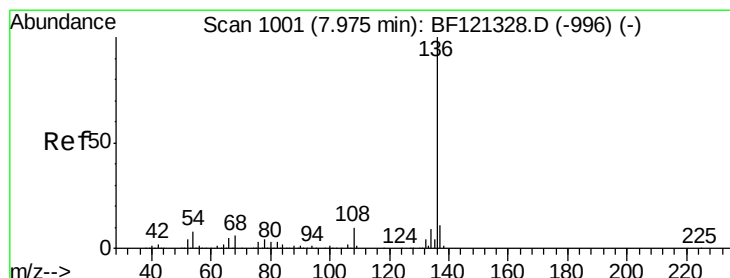
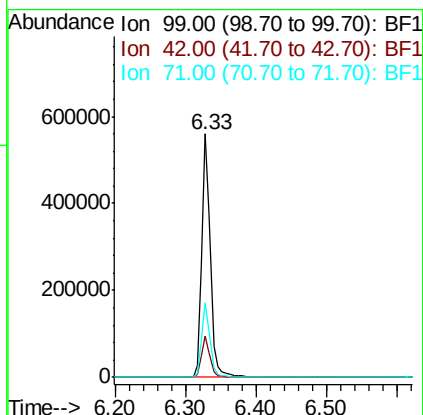
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

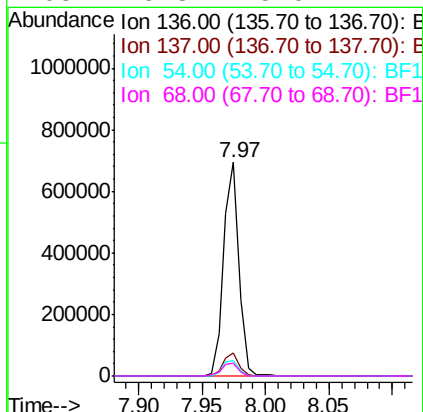
RT: 7.97 min Scan# 1001

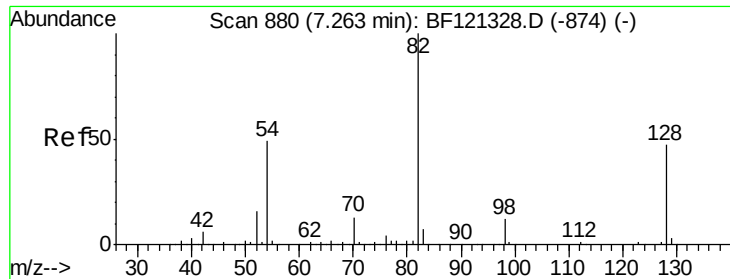
Delta R.T. 0.00 min

Lab File: BF121343.D

Acq: 20 Aug 2020 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		584876		
137	11.0	8.9	13.3		
54	7.2	6.1	9.1		
68	5.8	5.0	7.4		





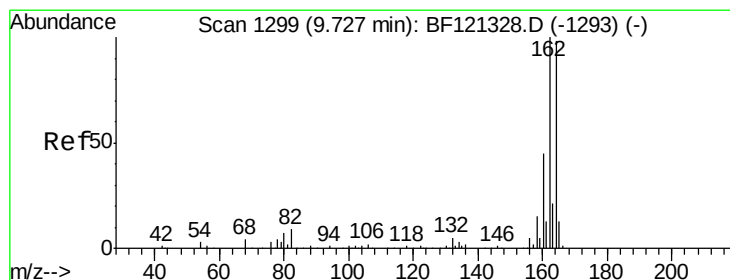
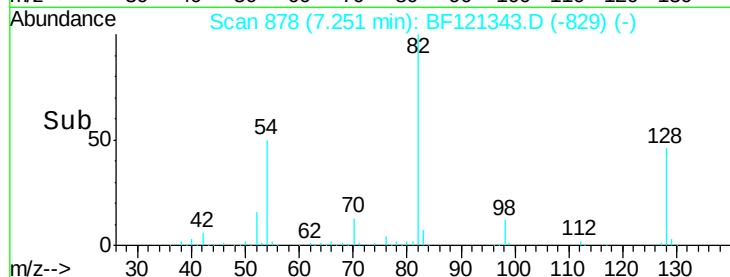
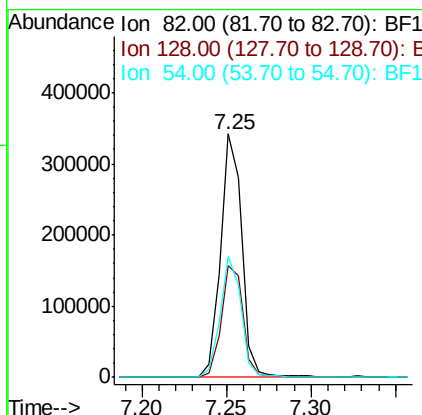
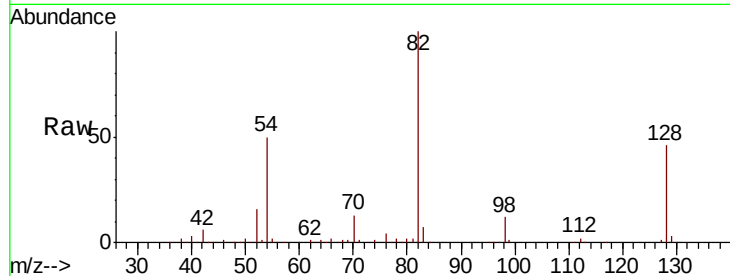
#23
 Nitrobenzene-d5
 Concen: 29.053 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF121343.D
 Acq: 20 Aug 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Tot Ion	82	Resp	300455
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.9	56.9
54	49.5	39.0	58.4

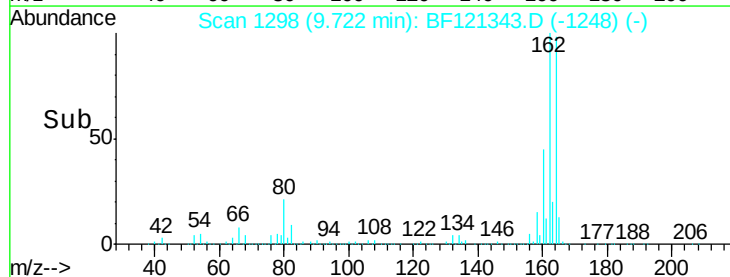
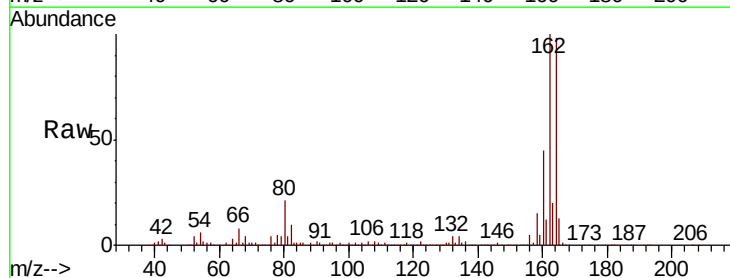
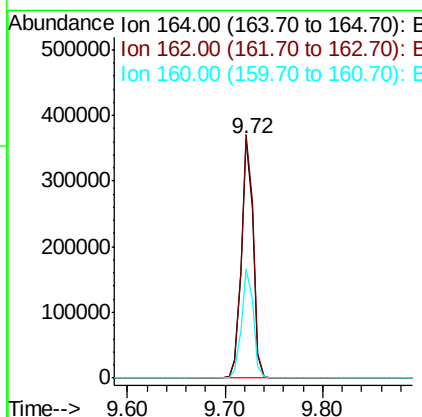
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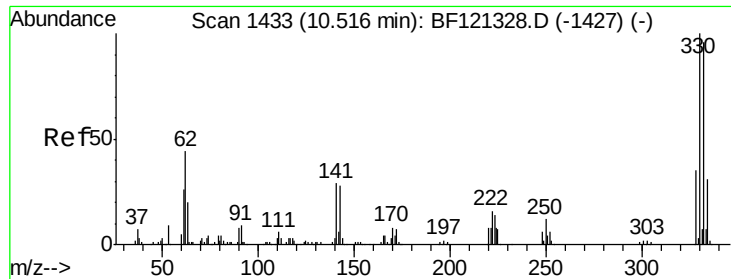
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF121343.D
 Acq: 20 Aug 2020 13:10

Tgt Ion	164	Resp	303998
Ion Ratio	Lower	Upper	
164	100		
162	101.9	81.7	122.5
160	45.9	37.0	55.4





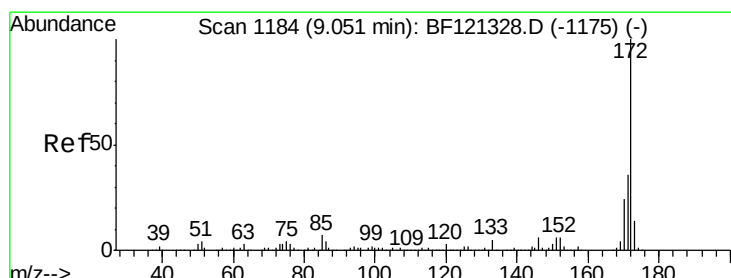
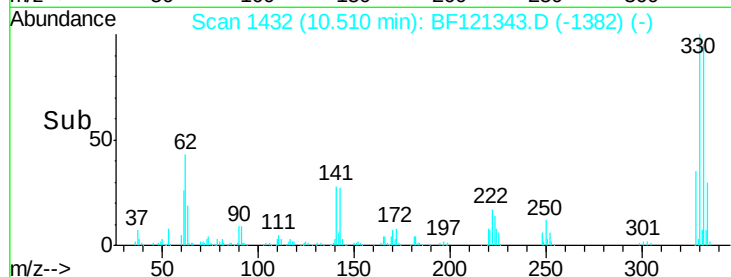
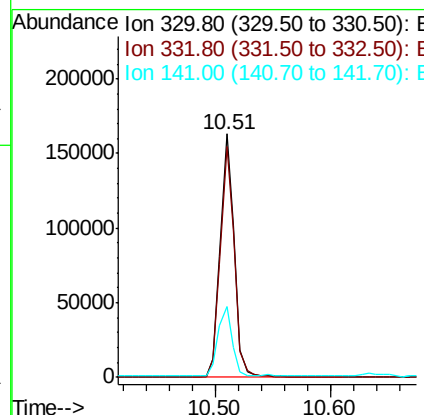
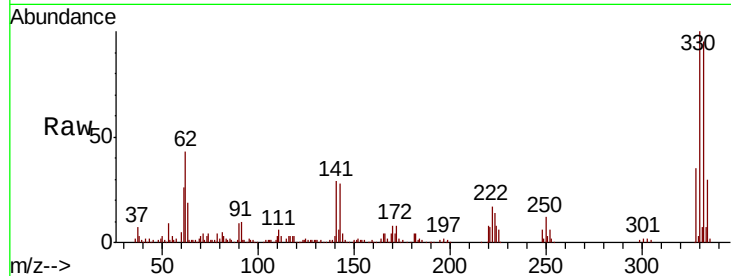
#42
 2,4,6-Tribromophenol
 Concen: 38.934 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF121343.D
 Acq: 20 Aug 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081820

Tot Ion	Ratio	Resp	Lower	Upper
330	100	137924		
332	95.2	76.9	115.3	
141	28.8	22.8	34.2	

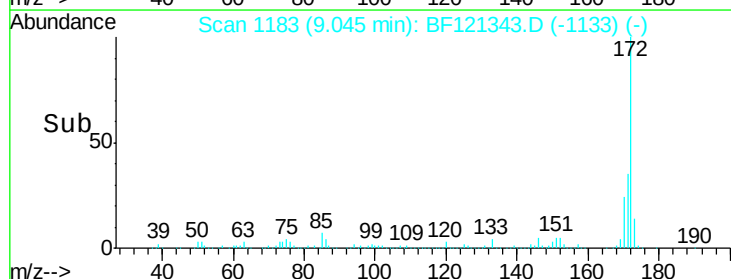
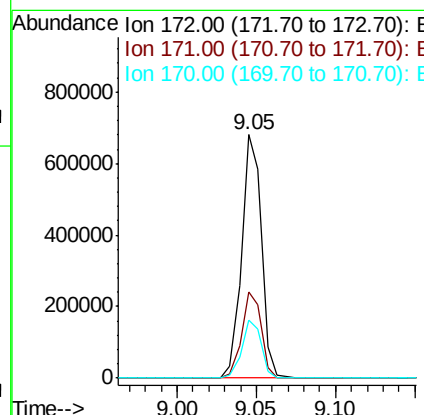
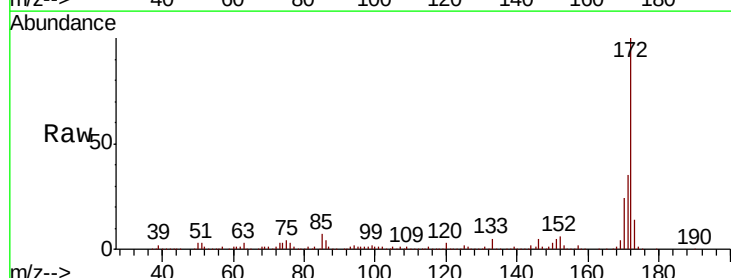
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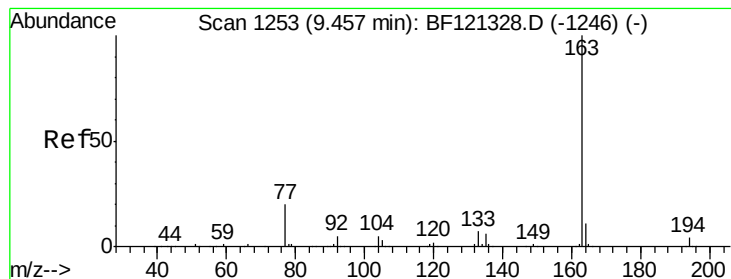
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#45
 2-Fluorobiphenyl
 Concen: 28.586 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121343.D
 Acq: 20 Aug 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	588542		
171	35.4	29.0	43.6	
170	23.7	19.4	29.2	





#50

Dimethylphthalate

Concen: 4.093 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF121343.D

Acq: 20 Aug 2020 13:10

Instrument :

BNA_F

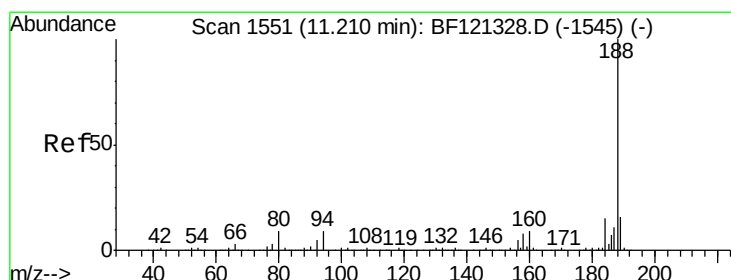
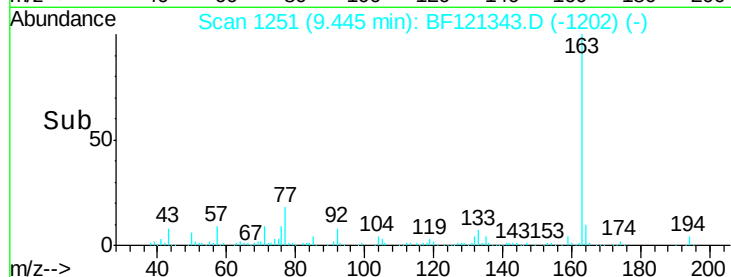
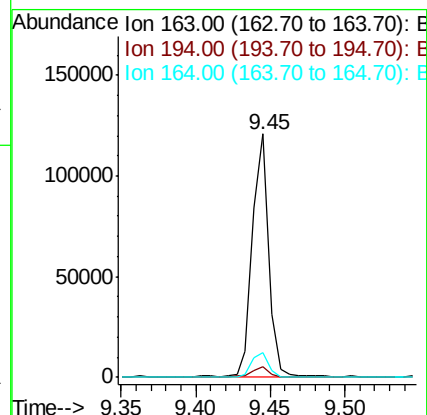
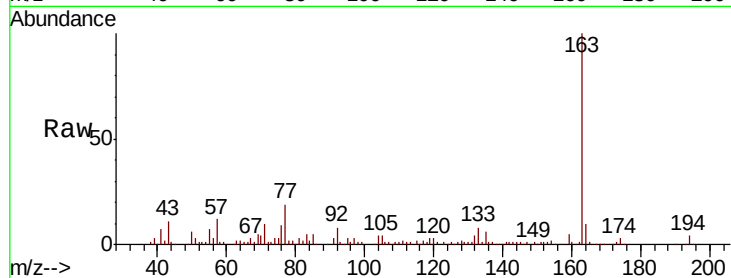
ClientSampleId :

SU-02-081820

Tot Ion:	163	Resp:	90512
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.0	4.6
164	9.9	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

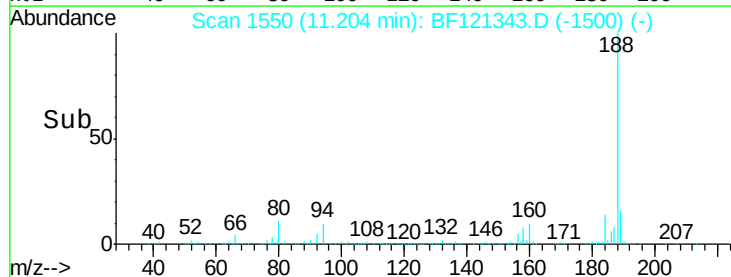
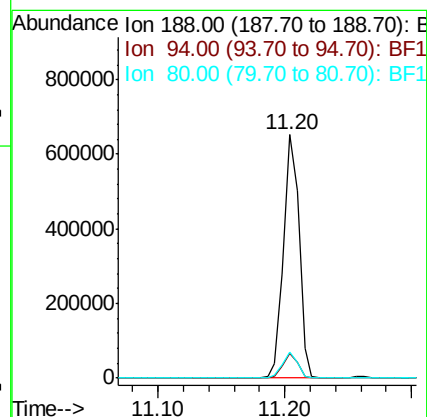
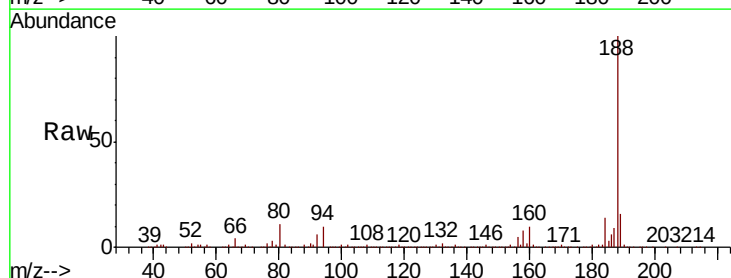
RT: 11.20 min Scan# 1550

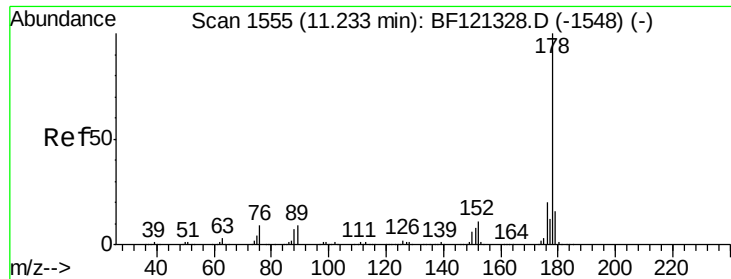
Delta R.T. -0.01 min

Lab File: BF121343.D

Acq: 20 Aug 2020 13:10

Tgt Ion:	188	Resp:	553286
Ion Ratio	Lower	Upper	
188	100		
94	10.1	7.2	10.8
80	10.6	7.4	11.0





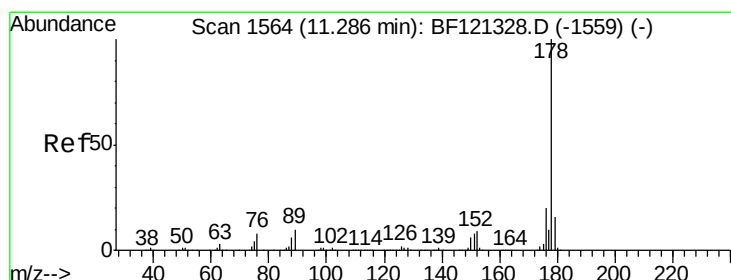
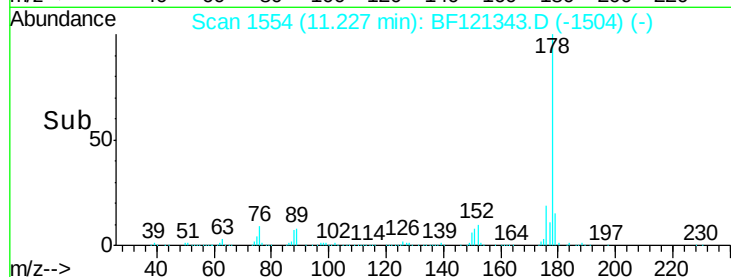
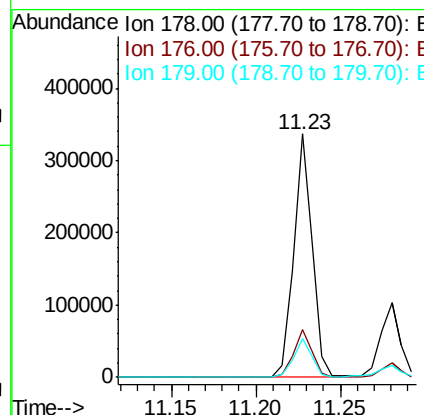
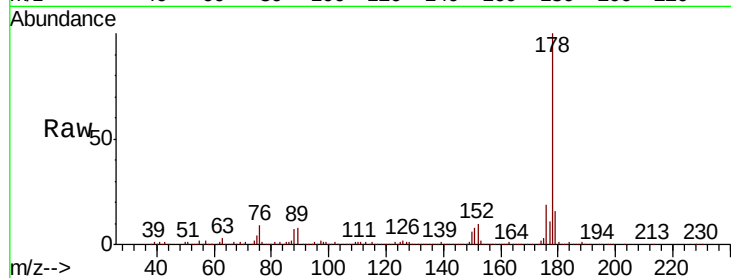
#71
Phenanthrene
Concen: 9.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.8	12.8	19.2

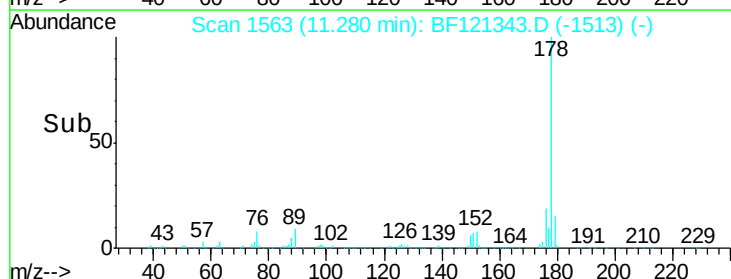
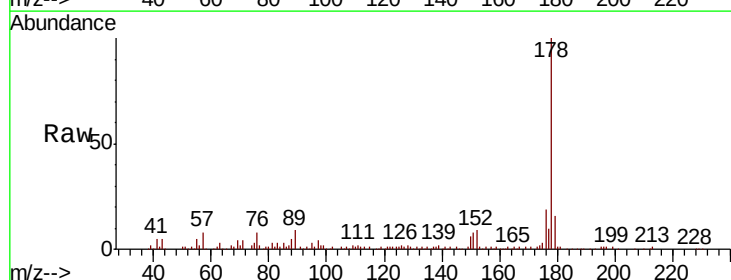
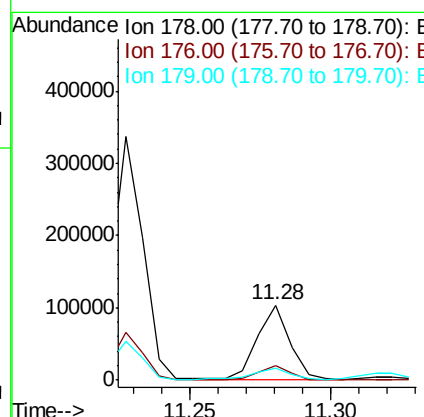
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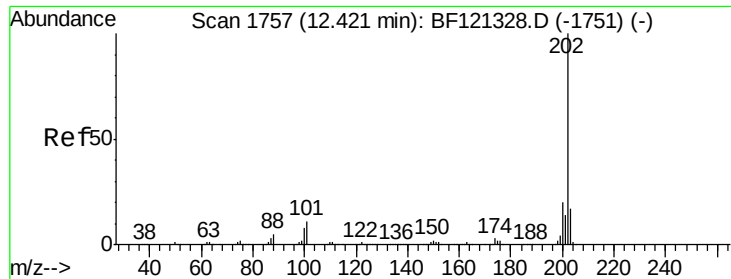
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#72
Anthracene
Concen: 2.965 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.8	12.8	19.2





#75

Fluoranthene

Concen: 13.189 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF121343.D

Acq: 20 Aug 2020 13:10

Instrument :

BNA_F

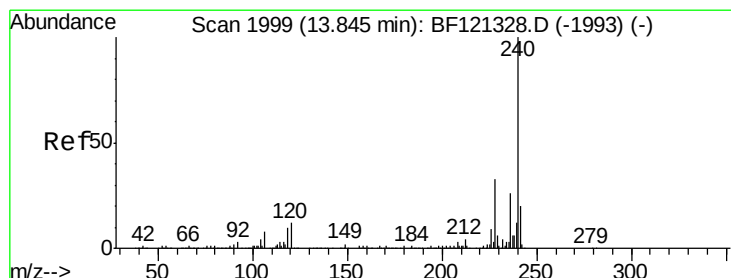
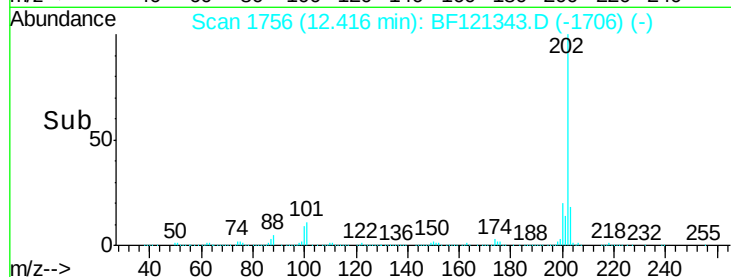
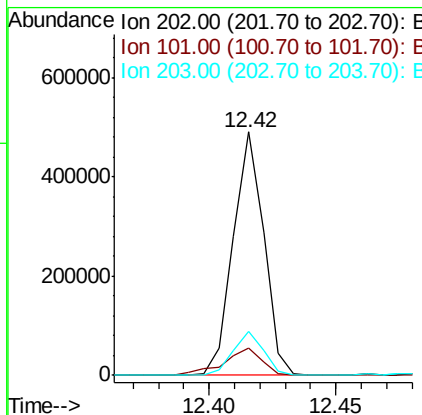
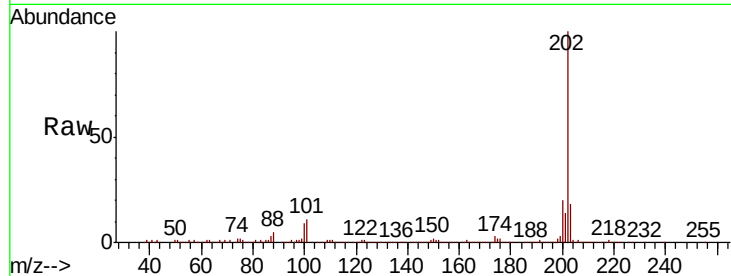
ClientSampleId :

SU-02-081820

Tot Ion	Ratio	Resp	Lower	Upper
202	100	409913		
101	11.4	0.0	30.6	
203	17.9	0.0	37.5	

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#76

Chrysene-d12

Concen: 20.000 ng

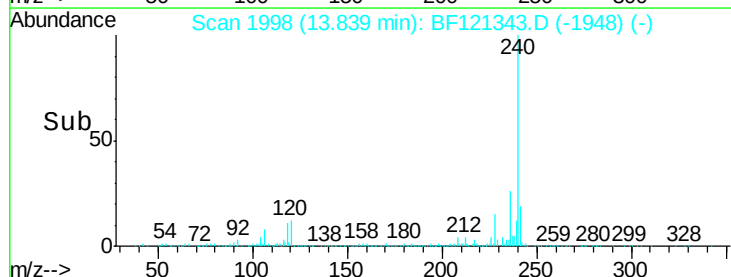
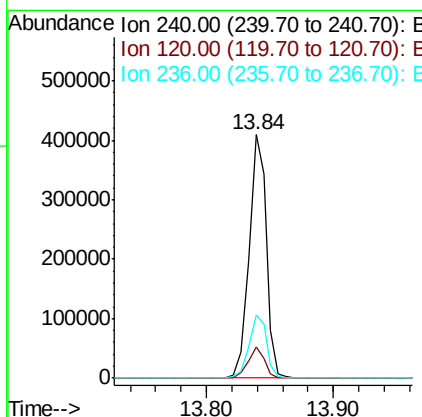
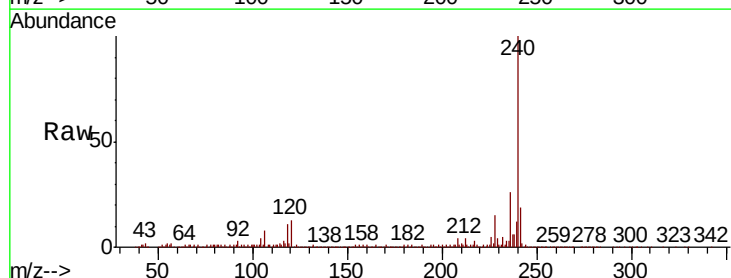
RT: 13.84 min Scan# 1998

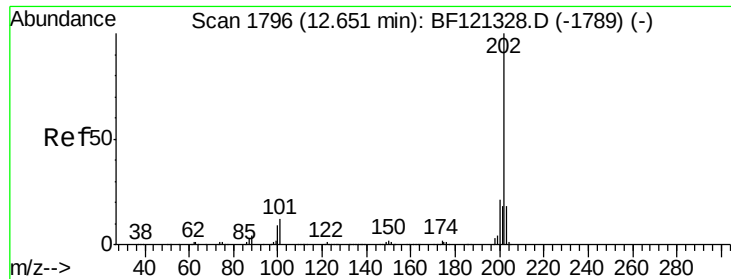
Delta R.T. -0.01 min

Lab File: BF121343.D

Acq: 20 Aug 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	383391		
120	12.6	9.6	14.4	
236	26.0	20.6	31.0	





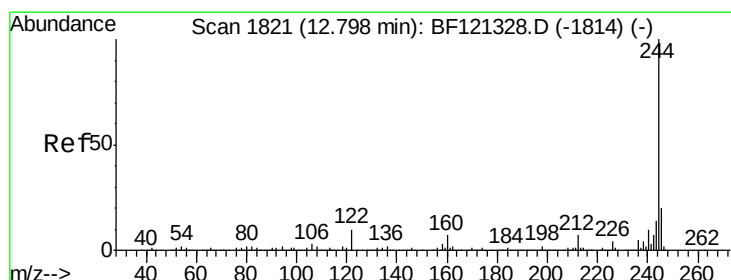
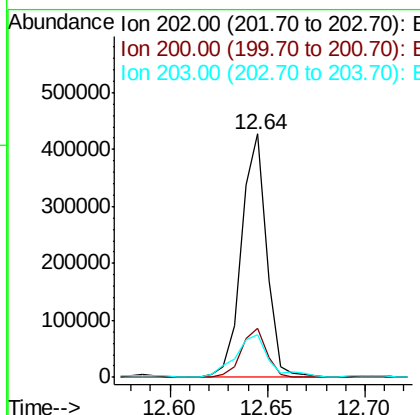
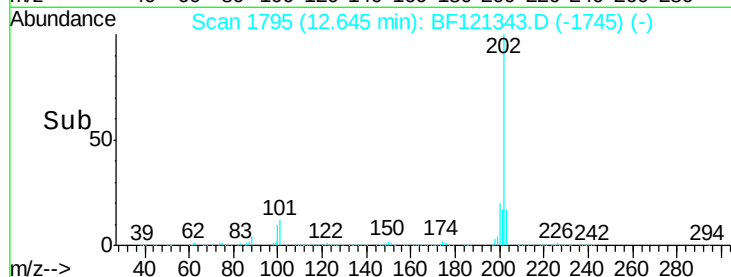
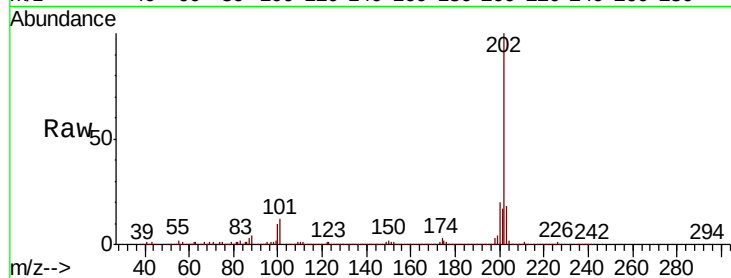
#78
Pvrene
Concen: 13.185 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion:	202	Resp:	379714
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.6	24.8
203	17.5	14.2	21.2

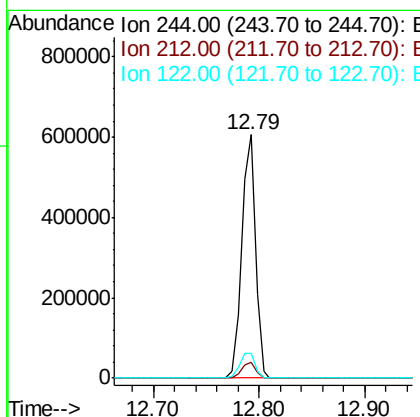
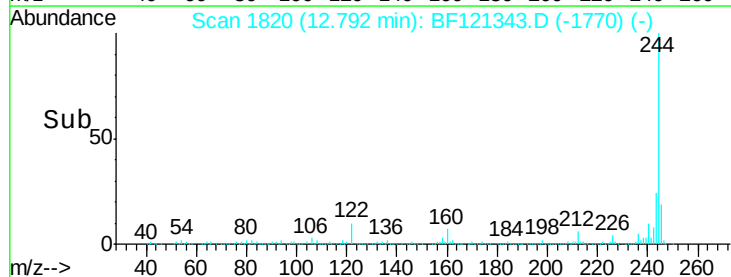
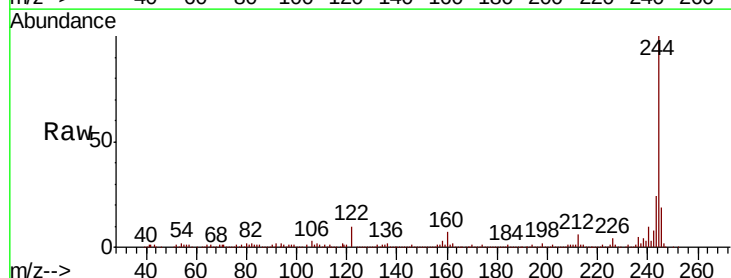
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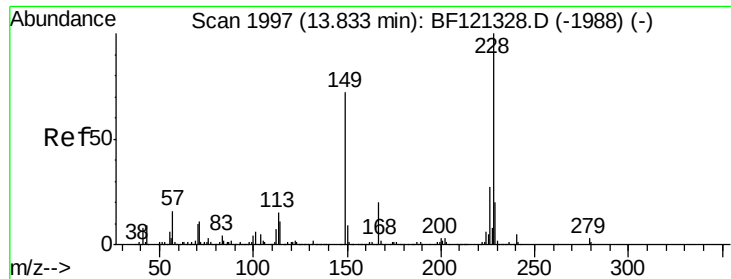
mohammad
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#79
Terphenyl-d14
Concen: 27.176 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Tgt Ion:	244	Resp:	533165
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	10.3	7.8	11.8





#81

Benzo(a)anthracene

Concen: 7.258 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF121343.D

Acq: 20 Aug 2020 13:10

Instrument :

BNA_F

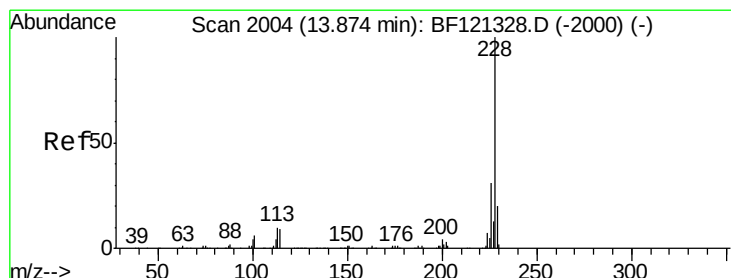
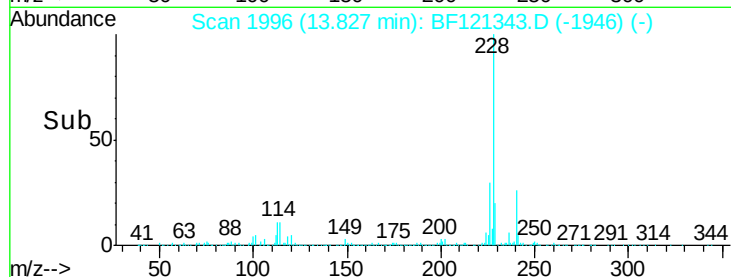
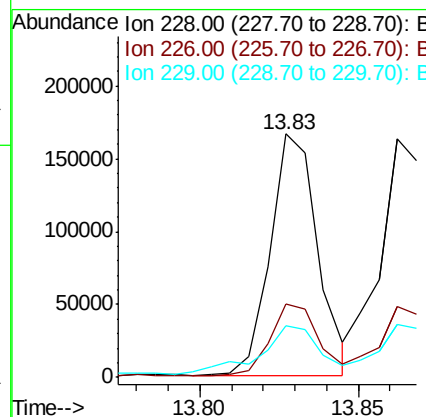
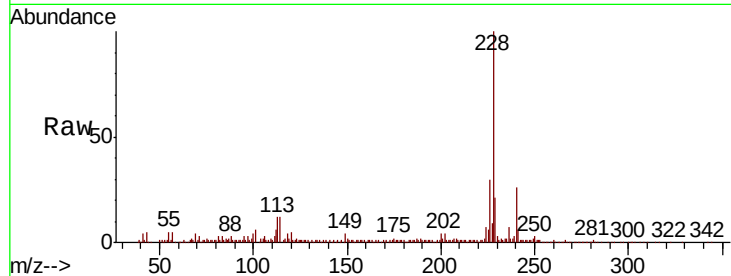
ClientSampleId :

SU-02-081820

Tot Ion:	228	Resp:	172834
Ion Ratio	Lower	Upper	
228	100		
226	30.3	21.8	32.6
229	21.4	15.8	23.8

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#83

Chrysene

Concen: 6.758 ng

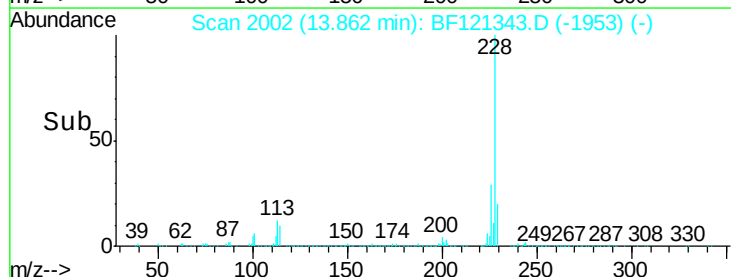
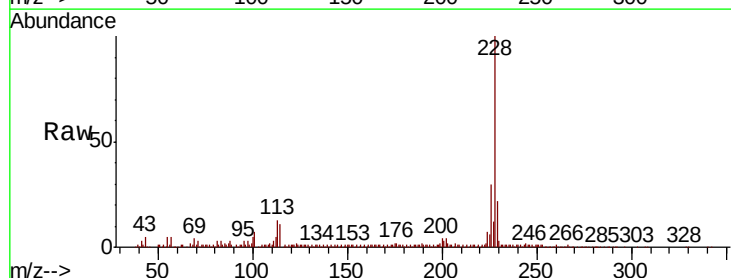
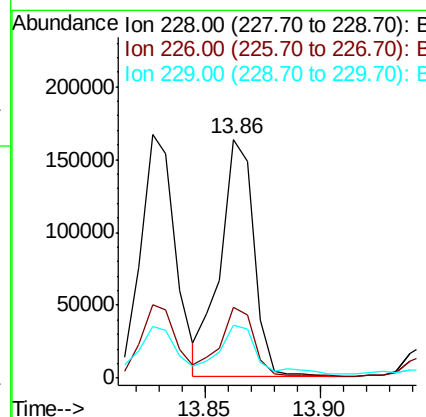
RT: 13.86 min Scan# 2002

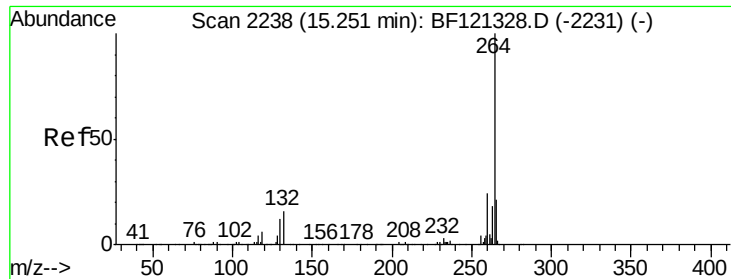
Delta R.T. -0.01 min

Lab File: BF121343.D

Acq: 20 Aug 2020 13:10

Tgt Ion:	228	Resp:	164585
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.6	36.8
229	22.0	15.9	23.9





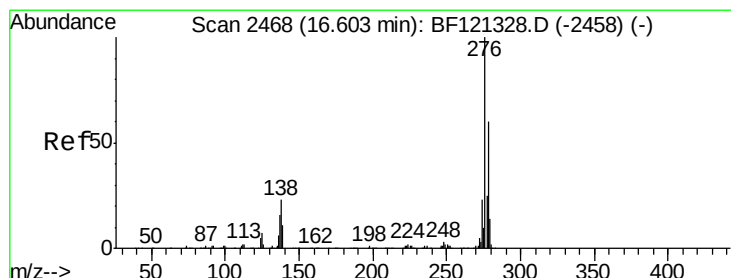
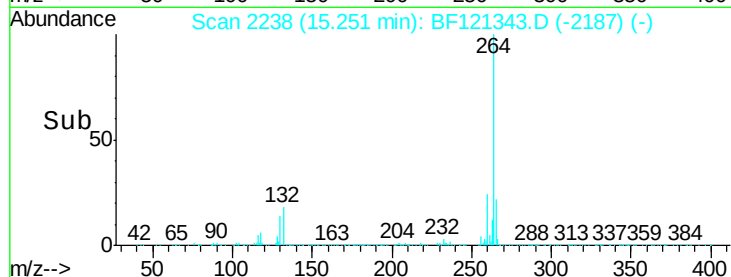
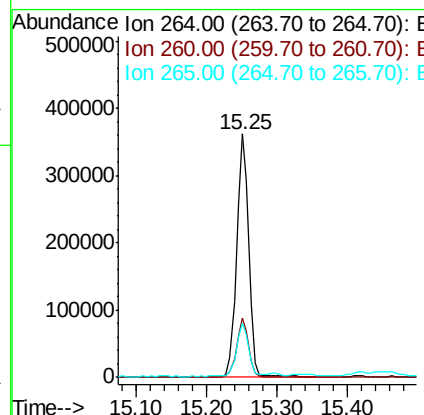
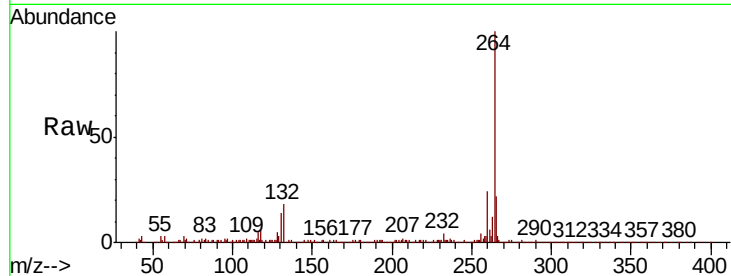
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.3	17.1	25.7

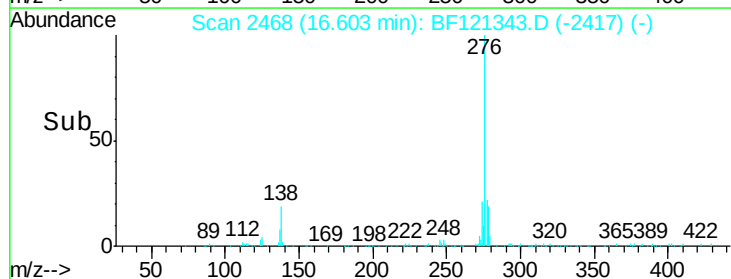
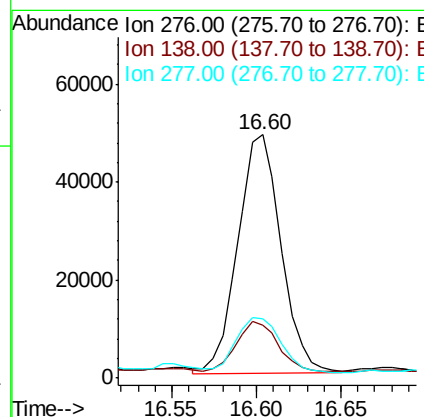
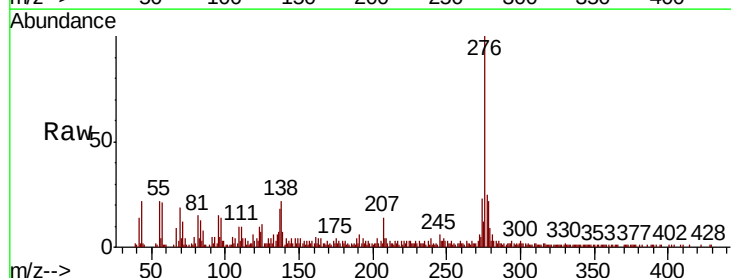
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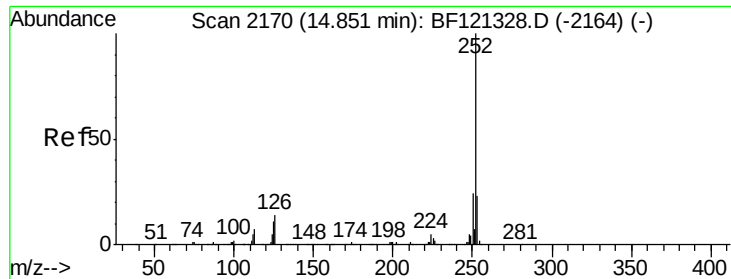
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.347 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.4	29.0
277	23.8	19.9	29.9





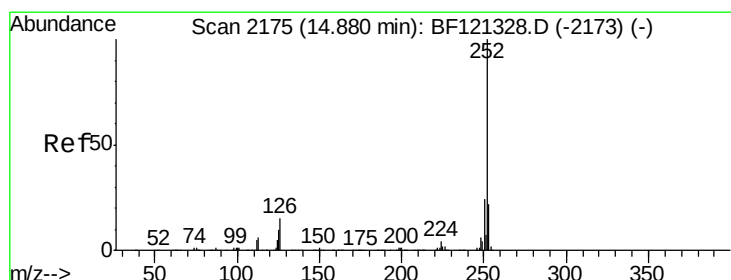
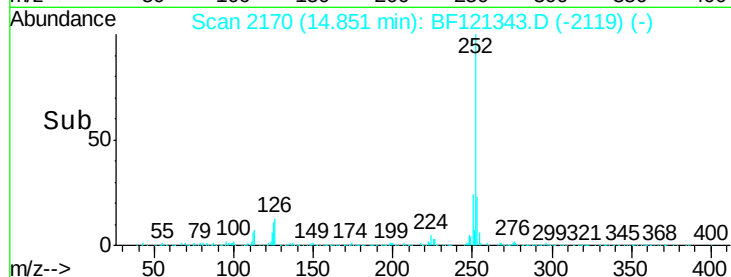
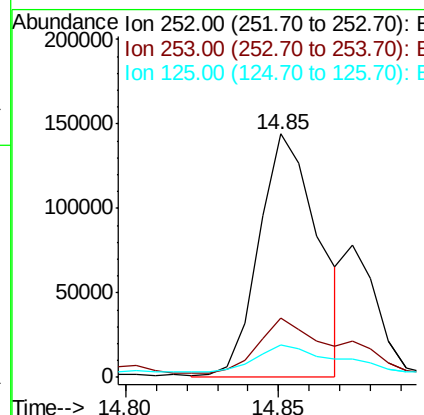
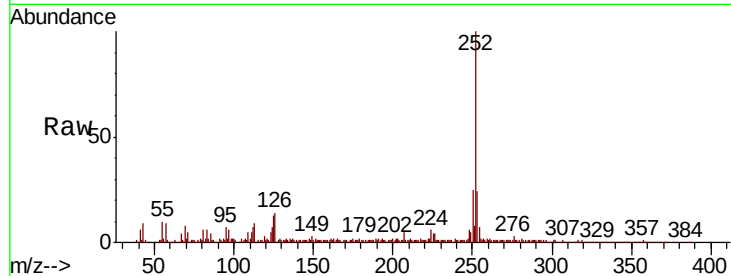
#88
Benzo(b)fluoranthene
Concen: 7.135 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion	Ratio	Resp	Lower	Upper
252	100	195855		
253	24.2	18.0	27.0	
125	13.4	8.6	12.8	

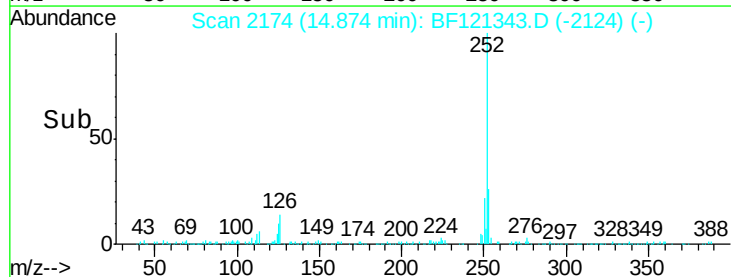
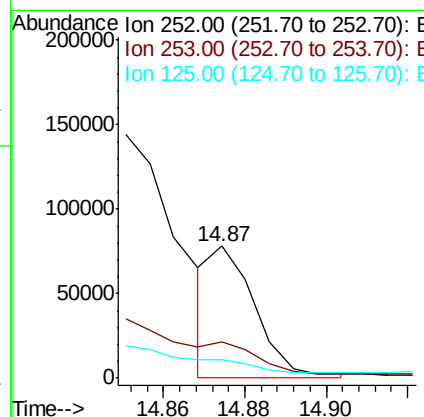
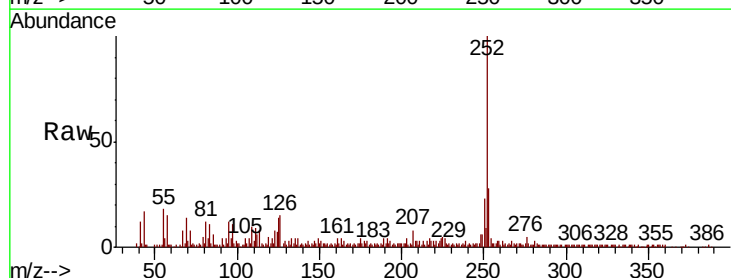
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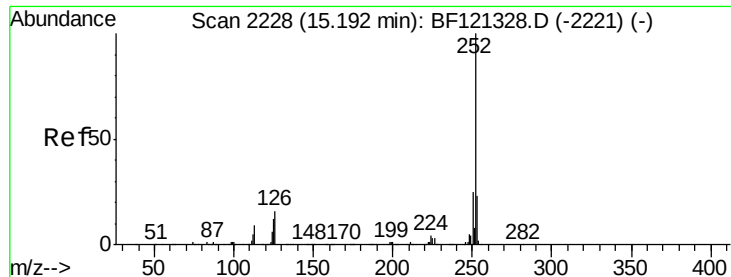
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#89
Benzo(k)fluoranthene
Concen: 2.479 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	59899		
253	27.8	17.9	26.9	
125	14.0	8.6	12.8	





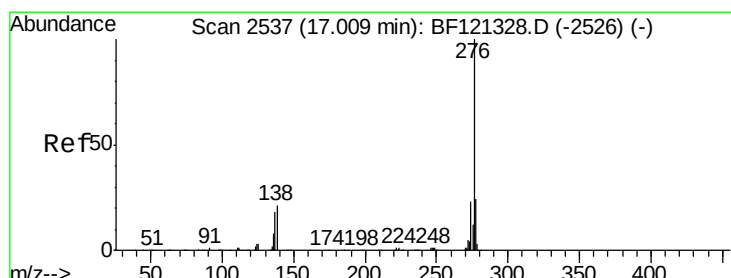
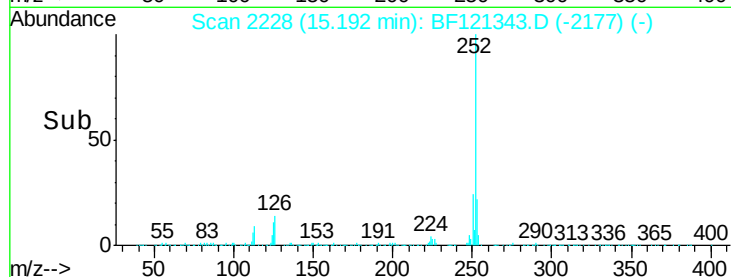
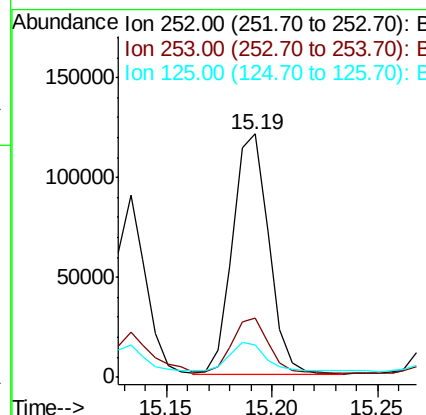
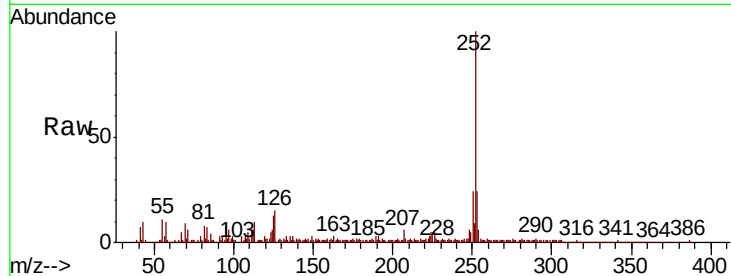
#90
Benzo(a)pyrene
Concen: 6.039 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Instrument :
BNA_F
ClientSampleId :
SU-02-081820

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	13.3	9.4	14.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.833 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF121343.D
Acq: 20 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.3	28.9
138	23.8	16.8	25.2

