

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121795.D
 Acq On : 2 Oct 2020 15:40
 Operator : JU/CG
 Sample : L4199-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11940

Manual Integrations
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 10/5/2020 10:27:33 AM

Quant Time: Oct 02 16:16:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	109061	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	419653	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	197164	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	319321	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	243172	20.00	ng	-0.02
86) Perylene-d12	15.35	264	272637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	630573	85.93	ng	0.00
7) Phenol-d6	6.40	99	789636	82.02	ng	-0.01
23) Nitrobenzene-d5	7.33	82	548804	70.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	186625	76.16	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	920313	70.69	ng	-0.01
79) Terphenyl-d14	12.86	244	744950	62.06	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.52	163	85378	5.975	ng	98
71) Phenanthrene	11.30	178	64232	3.692	ng	98
75) Fluoranthene	12.49	202	147900	7.964	ng	98
78) Pyrene	12.72	202	132946	7.483	ng	97
81) Benzo(a)anthracene	13.91	228	74319	4.831	ng	98
83) Chrysene	13.94	228	75390	4.839	ng	96
84) Bis(2-ethylhexyl)phthalate	13.90	149	346748	36.122	ng	99
87) Indeno(1,2,3-cd)pyrene	16.76	276	63827	3.595	ng	99
88) Benzo(b)fluoranthene	14.94	252	117784m	6.462	ng	
89) Benzo(k)fluoranthene	14.96	252	42070m	2.521	ng	
90) Benzo(a)pyrene	15.29	252	79179	5.111	ng	98
92) Benzo(a,h,i)perylene	17.18	276	62511	4.303	ng	97

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

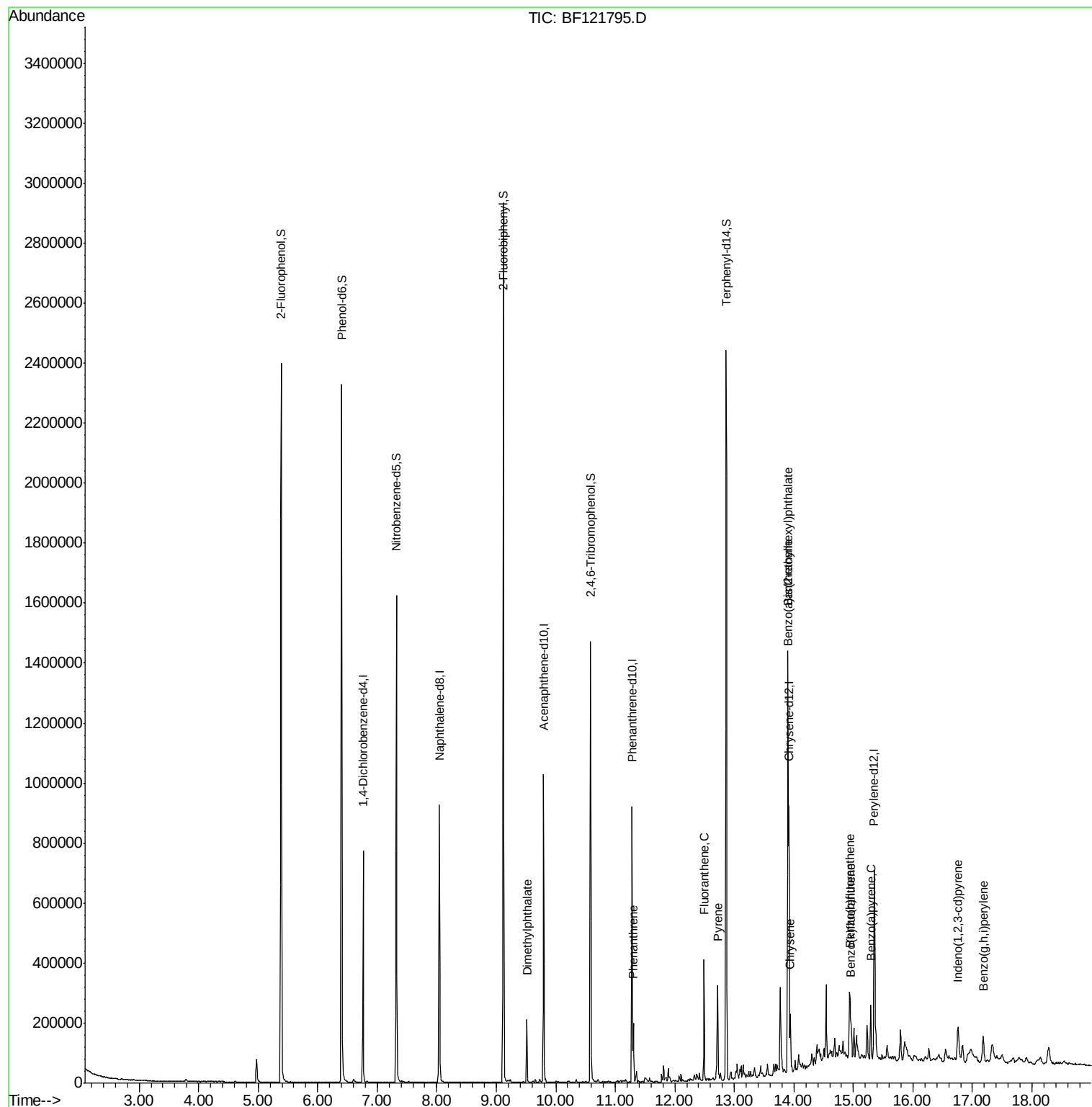
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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ALS Vial : 10 Sample Multiplier: 1

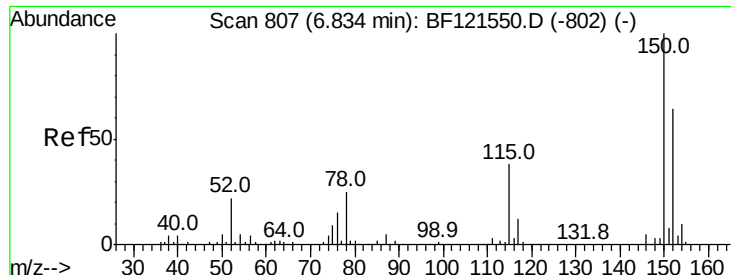
Instrument :
BNA_F
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11940

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Quant Time: Oct 02 16:16:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
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#1

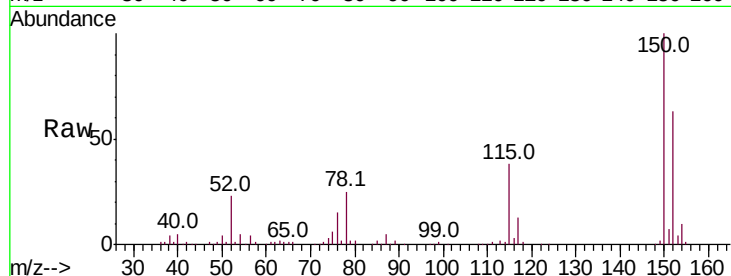
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Instrument :
BNA_F
ClientSampled :
11940

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.3	187.9
115	60.2	51.9	77.9

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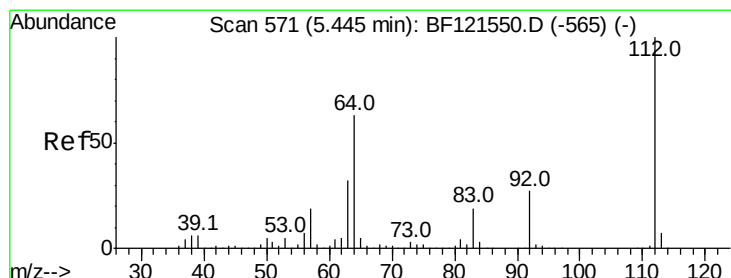
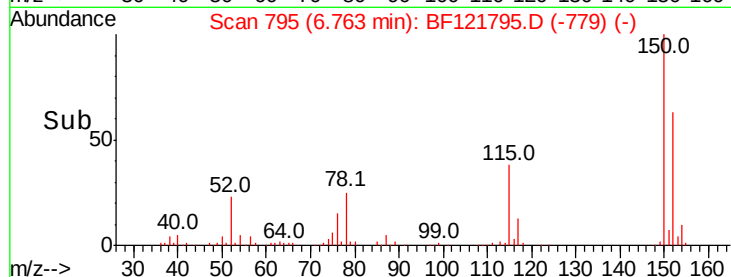
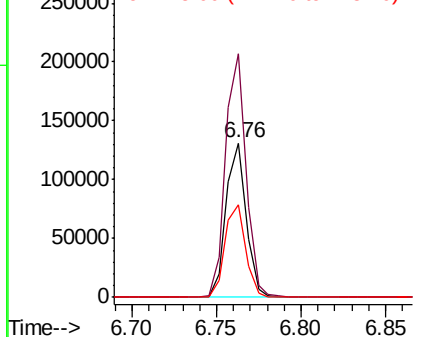


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

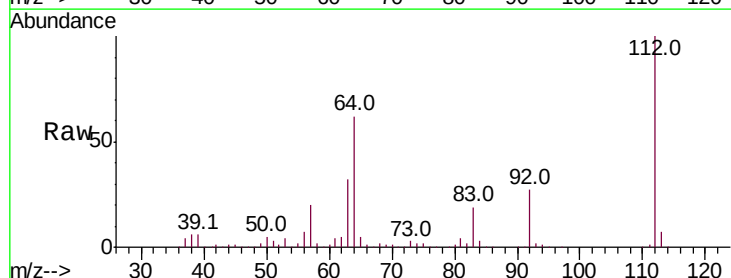
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.925 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.4	75.6
63	32.0	25.8	38.6

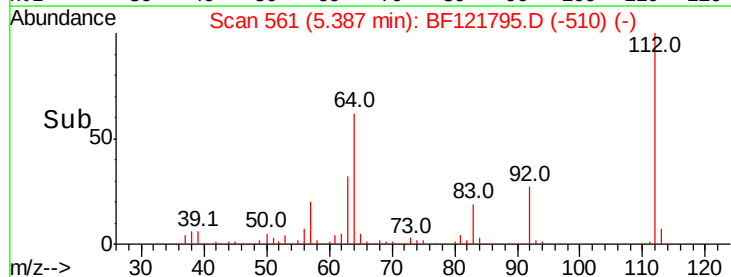
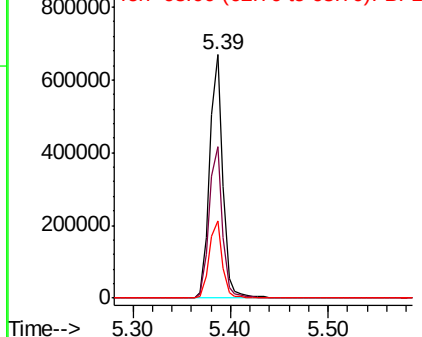


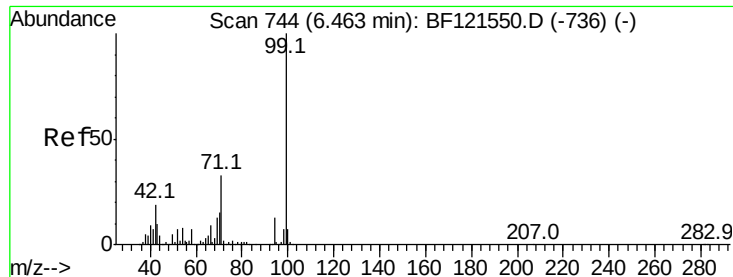
Abundance

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: 82.016 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121795.D

Acq: 2 Oct 2020 15:40

Instrument :

BNA_F

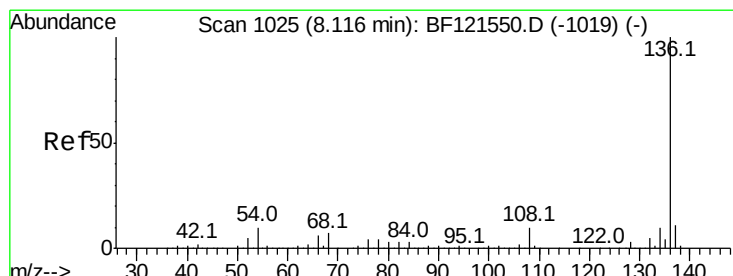
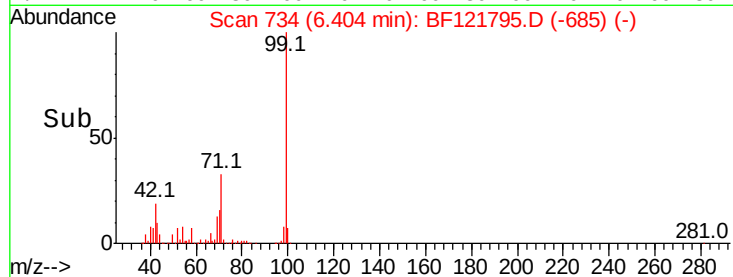
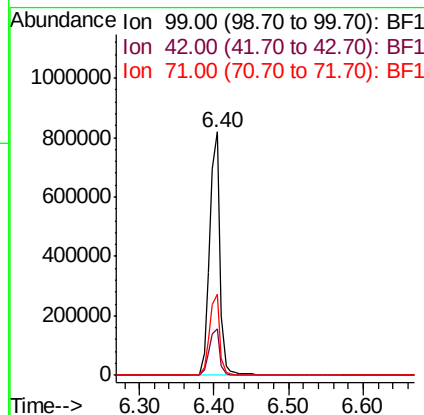
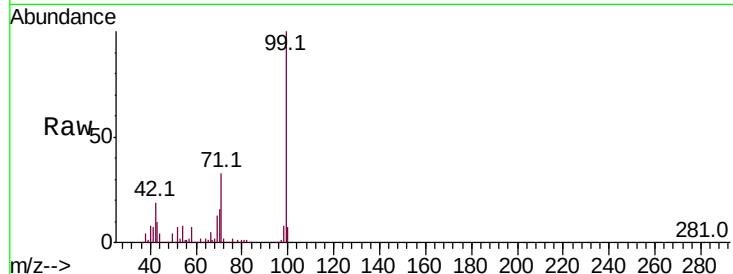
ClientSampleId :

11940

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		789636		
42	19.3	15.9	23.9		
71	33.5	27.1	40.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

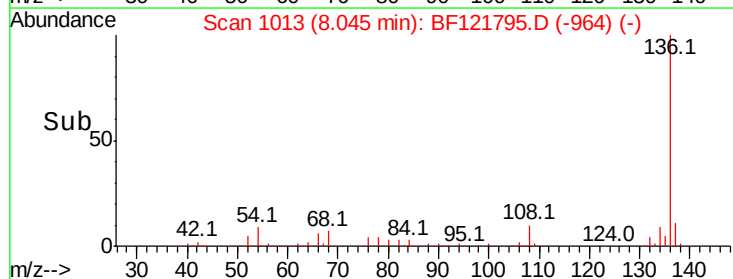
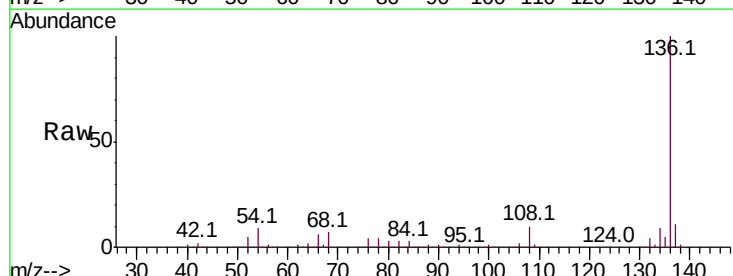
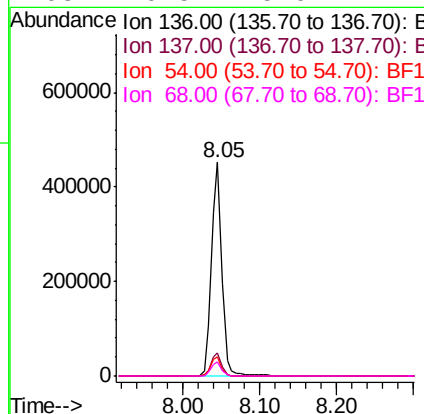
RT: 8.05 min Scan# 1013

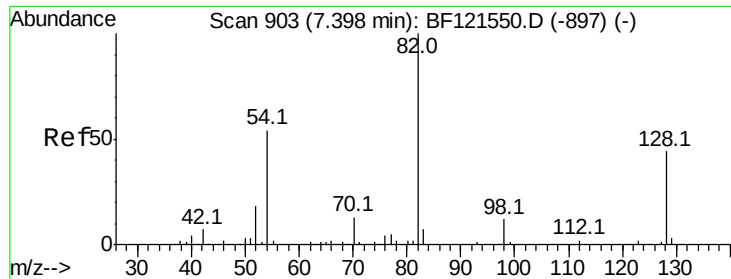
Delta R.T. -0.01 min

Lab File: BF121795.D

Acq: 2 Oct 2020 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		419653		
137	11.0	8.6	13.0		
54	8.9	7.1	10.7		
68	6.5	5.0	7.4		





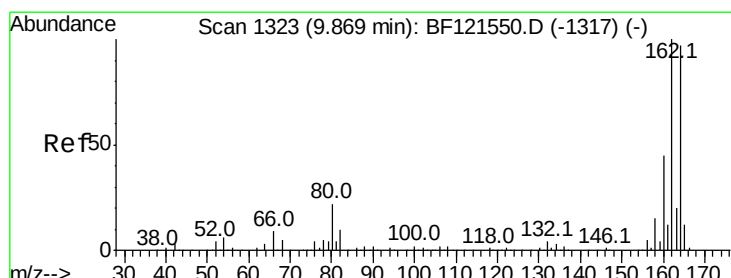
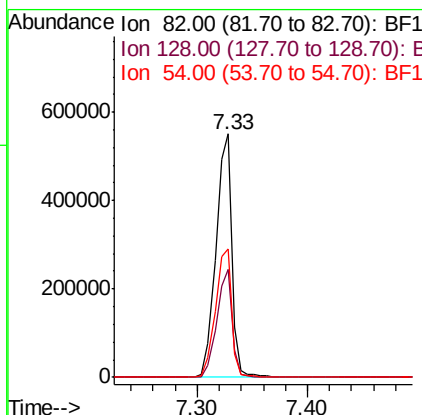
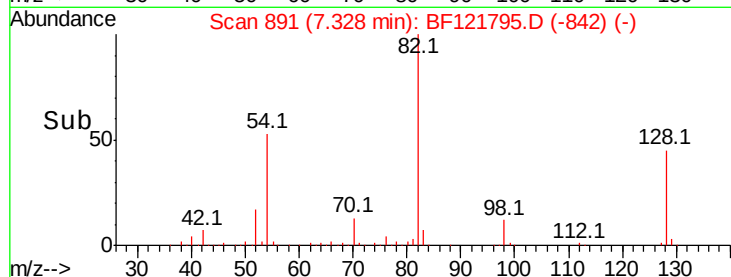
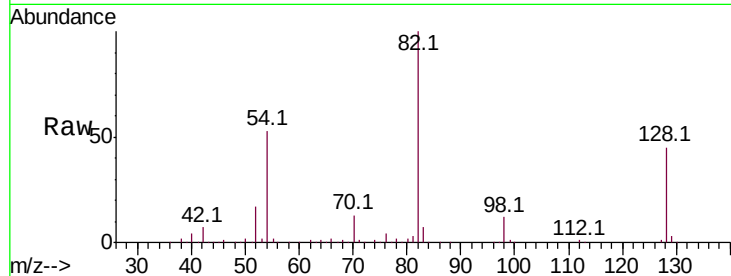
#23
 Nitrobenzene-d5
 Concen: 70.216 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121795.D
 Acq: 2 Oct 2020 15:40

Instrument :
 BNA_F
 ClientSampled :
 11940

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.0	52.4
54	52.6	43.9	65.9

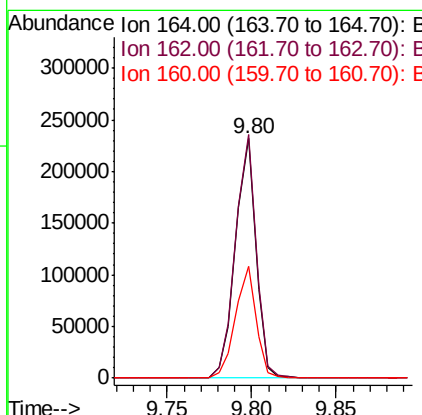
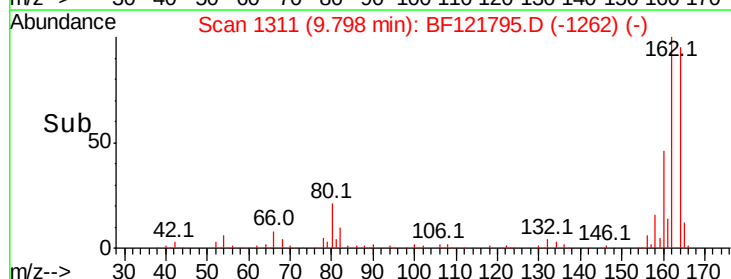
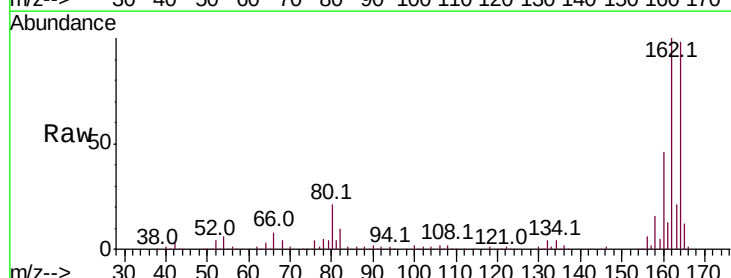
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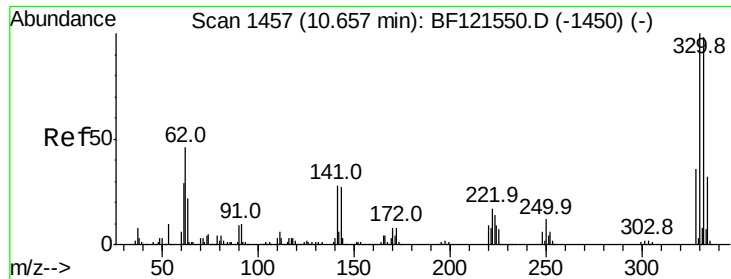
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121795.D
 Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.2	124.8
160	46.6	37.5	56.3





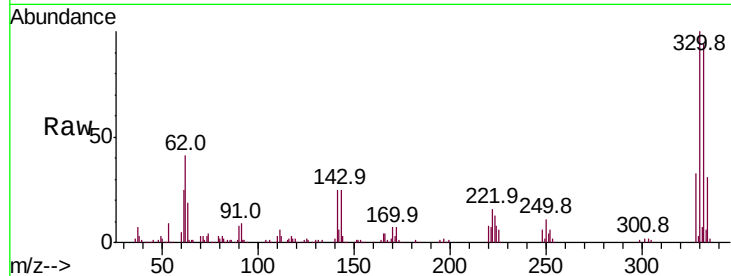
#42
 2,4,6-Tribromophenol
 Concen: 76.158 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121795.D
 Acq: 2 Oct 2020 15:40

Instrument :
 BNA_F
 ClientSampled :
 11940

Tot Ion	Ratio	Resp	Lower	Upper
330	100	186625		
332	96.5	77.3	115.9	
141	29.5	22.3	33.5	

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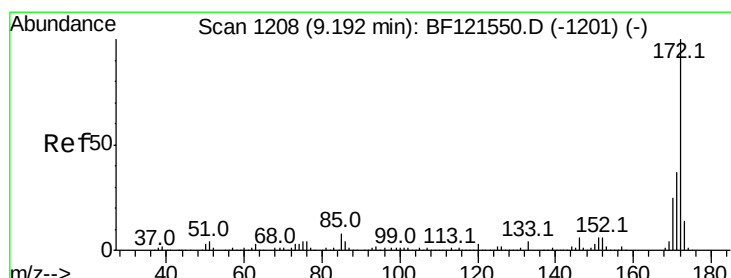
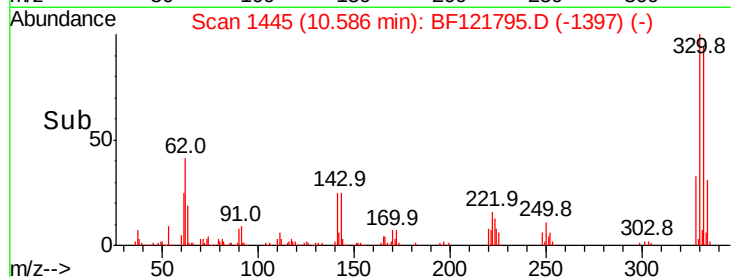
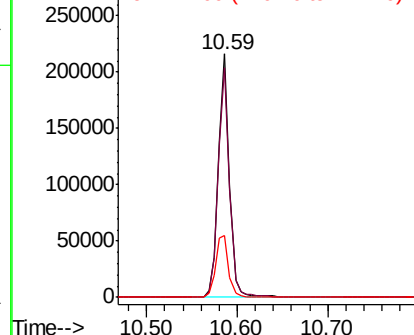


Abundance

Ion 329.80 (329.50 to 330.50): E

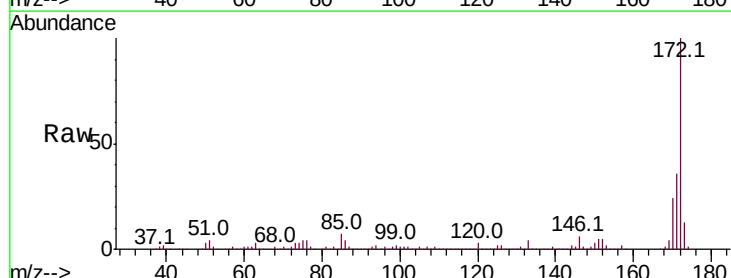
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.695 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121795.D
 Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	920313		
171	35.7	29.1	43.7	
170	23.9	19.8	29.6	

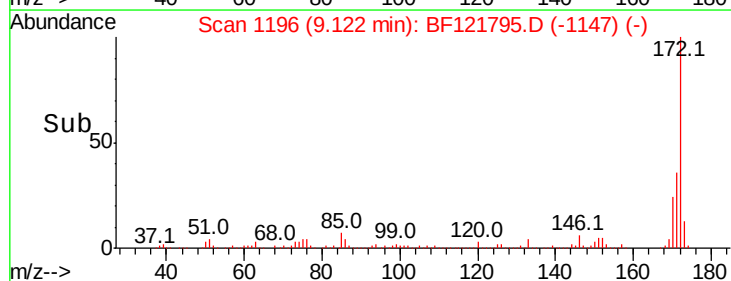
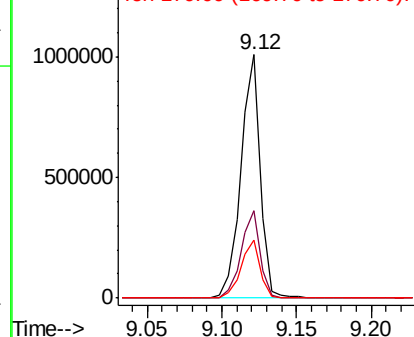


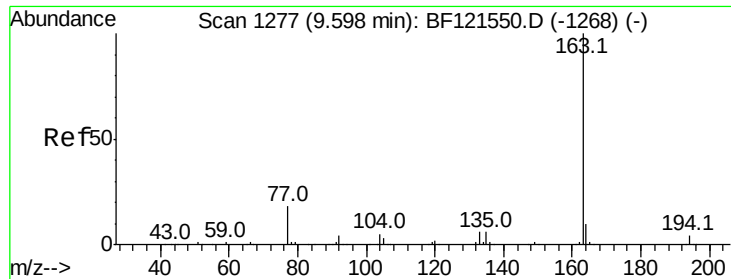
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





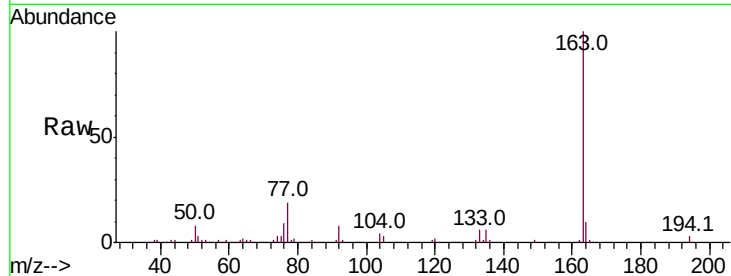
#50
Dimethylphthalate
Concen: 5.975 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Instrument :
BNA_F
ClientSampled :
11940

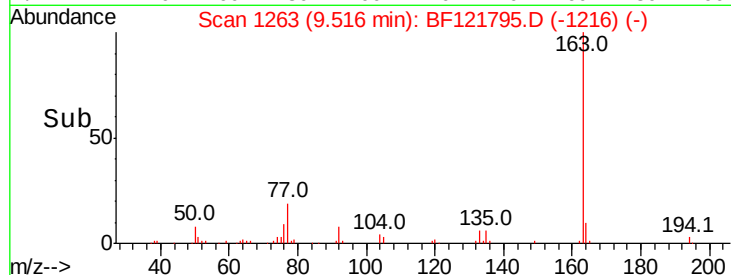
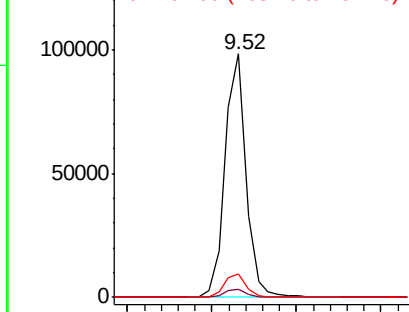
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.3	4.9
164	9.6	8.2	12.4

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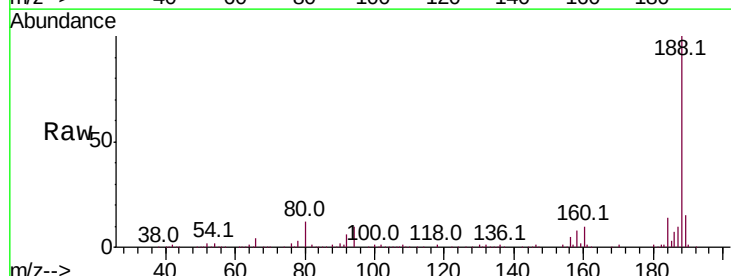
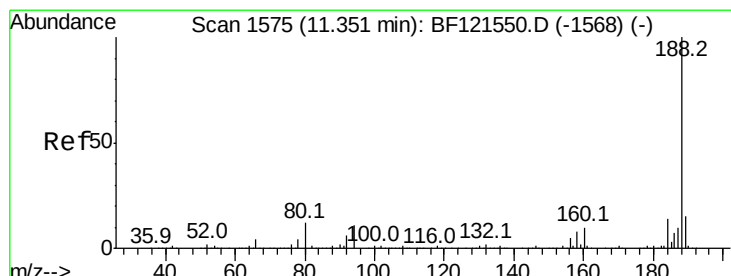
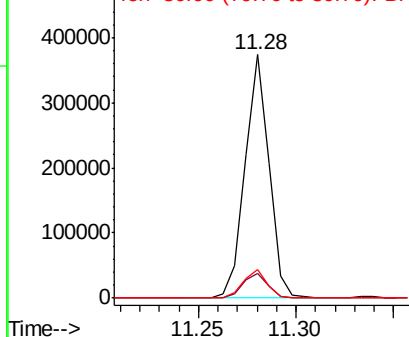
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

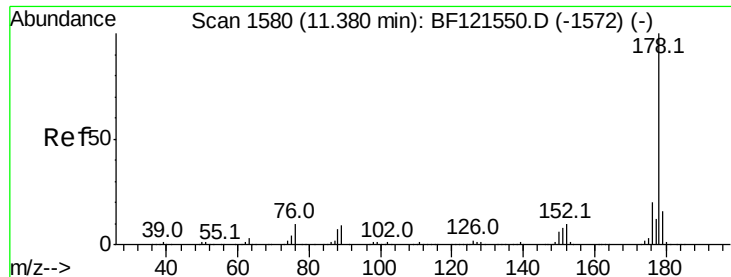


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	11.6	9.1	13.7

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





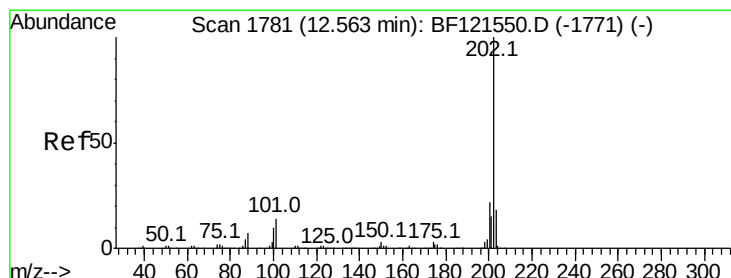
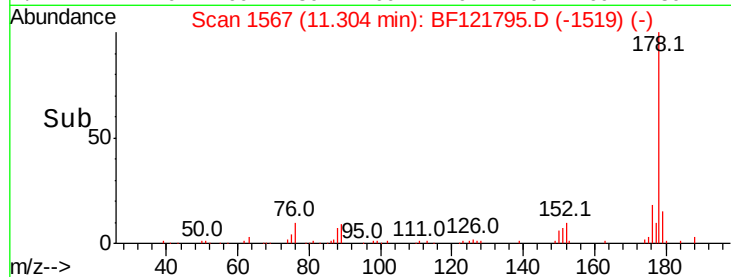
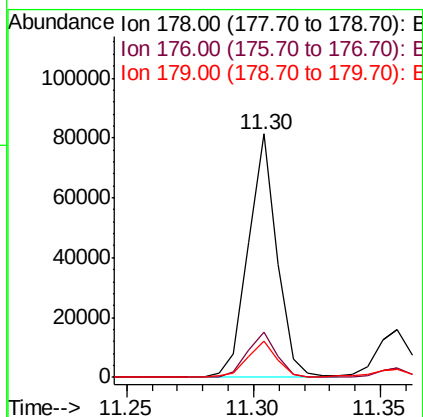
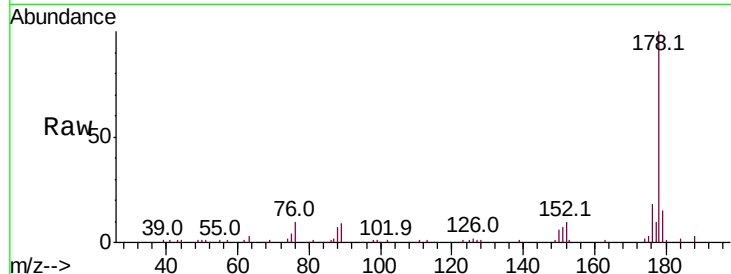
#71
Phenanthrene
Concen: 3.692 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Instrument :
BNA_F
ClientSampled :
11940

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	14.8	12.2	18.4

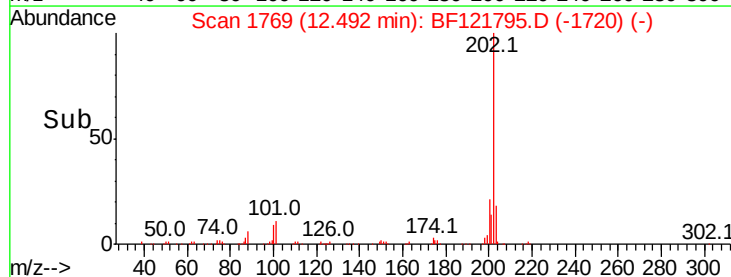
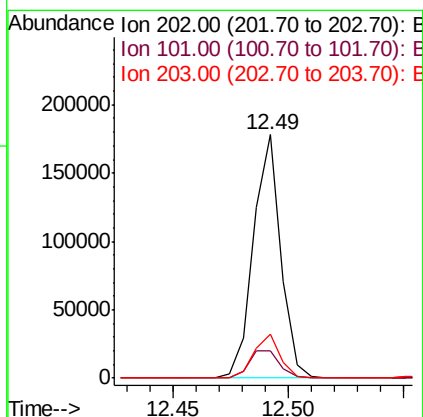
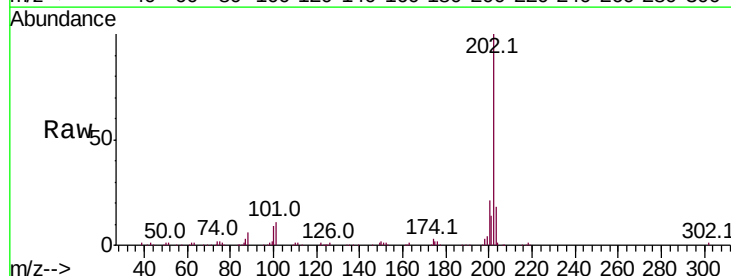
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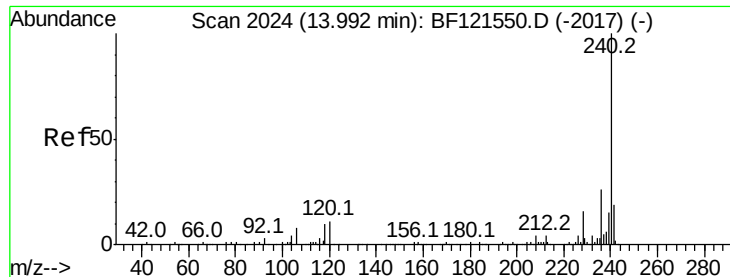
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#75
Fluoranthene
Concen: 7.964 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.4
203	17.9	0.0	37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF121795.D

Acq: 2 Oct 2020 15:40

Instrument :

BNA_F

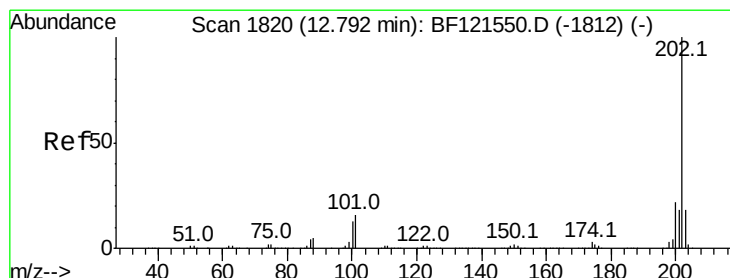
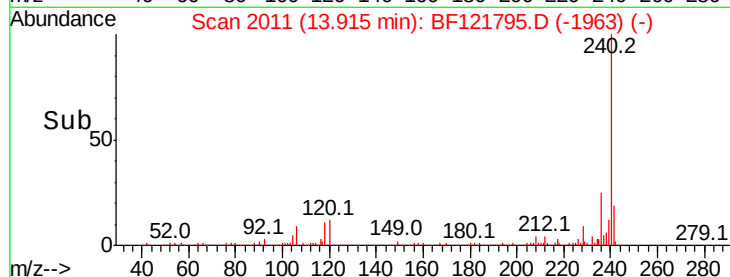
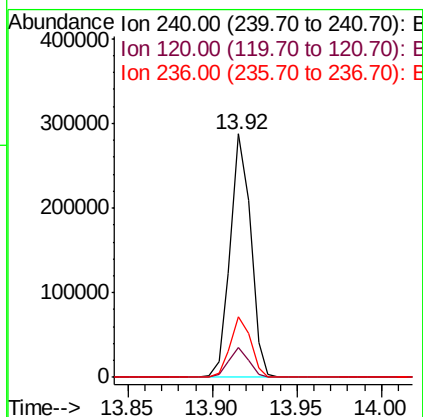
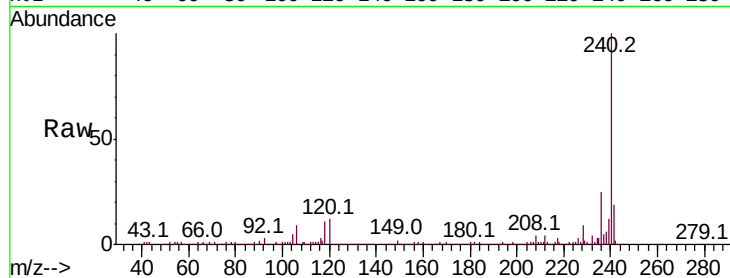
ClientSampleId :

11940

Tot Ion:	240	Resp:	243172
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.2	13.8
236	25.0	20.9	31.3

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#78

Pyrene

Concen: 7.483 ng

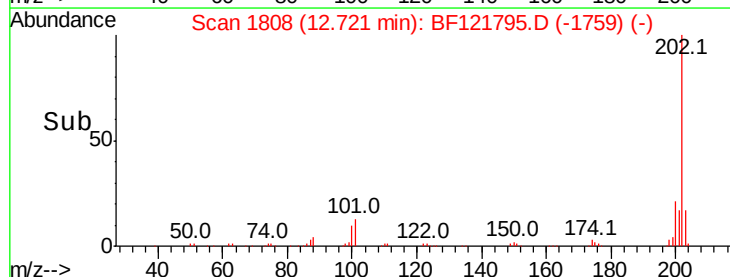
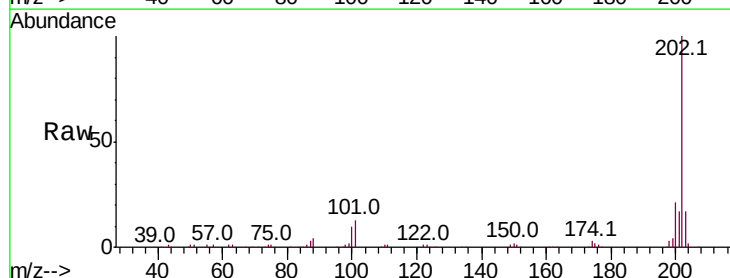
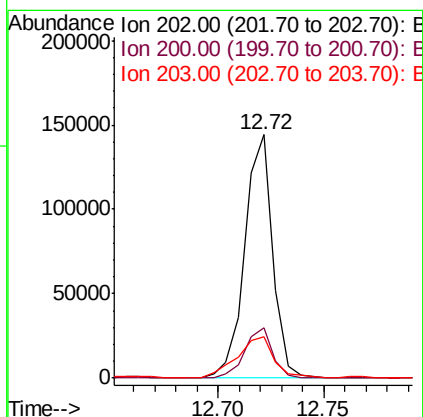
RT: 12.72 min Scan# 1808

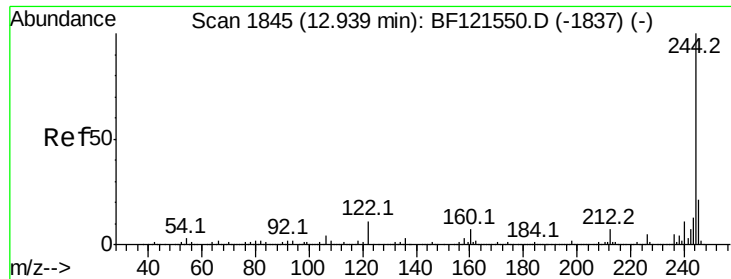
Delta R.T. -0.01 min

Lab File: BF121795.D

Acq: 2 Oct 2020 15:40

Tgt Ion:	202	Resp:	132946
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	16.9	14.6	21.8





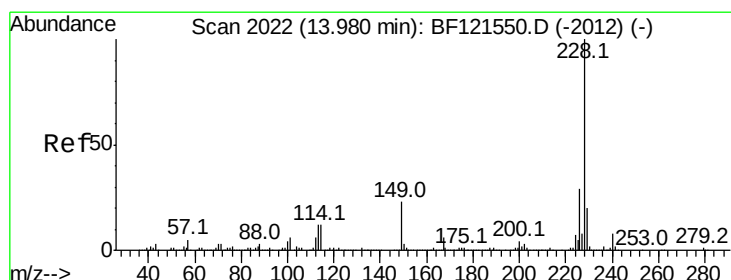
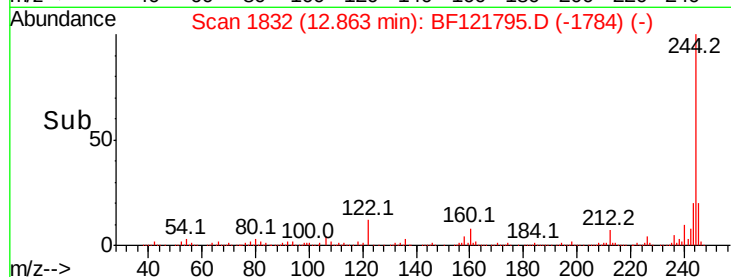
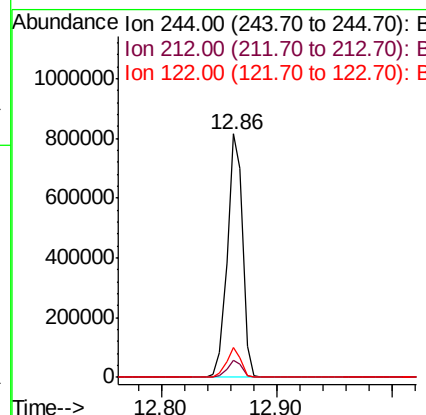
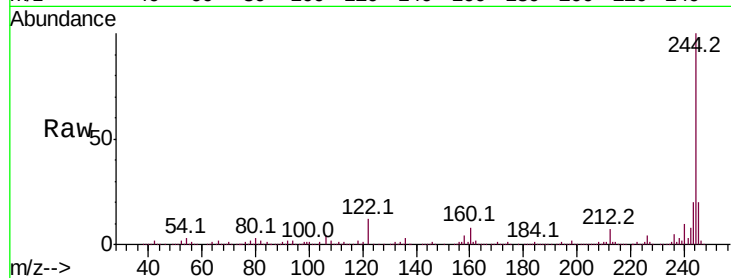
#79
 Terphenyl-d14
 Concen: 62.063 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF121795.D
 Acq: 2 Oct 2020 15:40

Instrument :
 BNA_F
 ClientSampled :
 11940

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	12.4	8.1	12.1

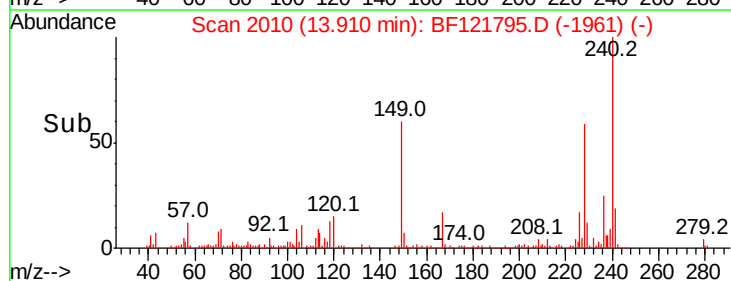
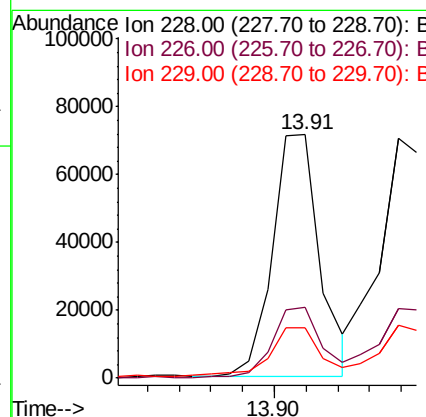
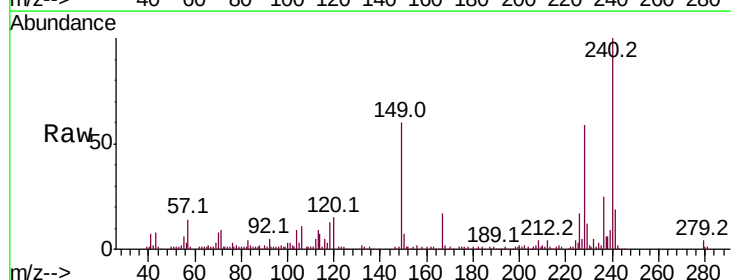
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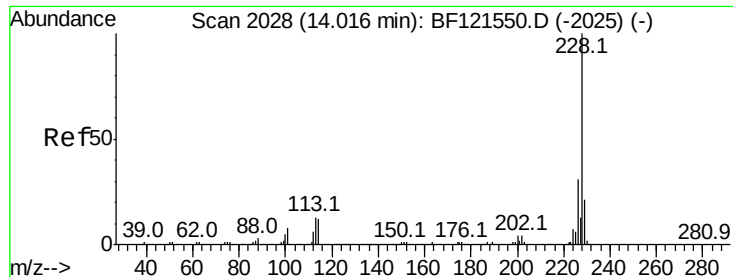
mohammad
 10/5/2020 10:27:33 AM



#81
 Benzo(a)anthracene
 Concen: 4.831 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF121795.D
 Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	20.7	16.2	24.4





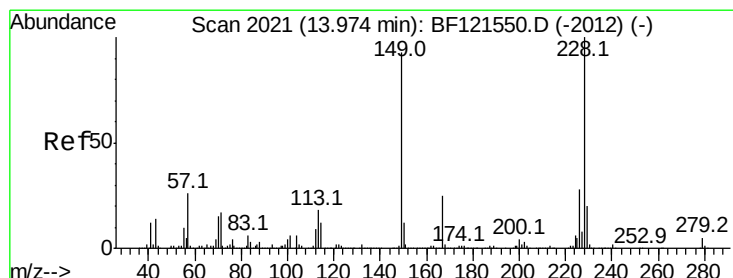
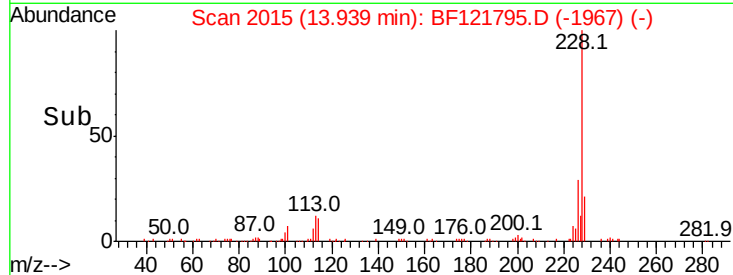
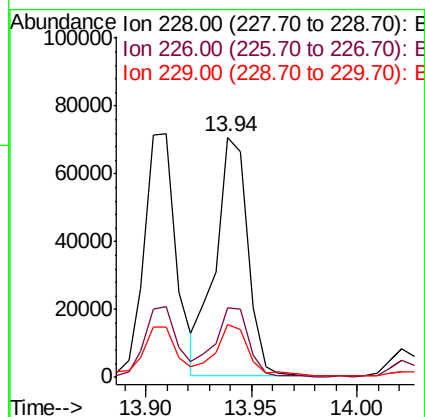
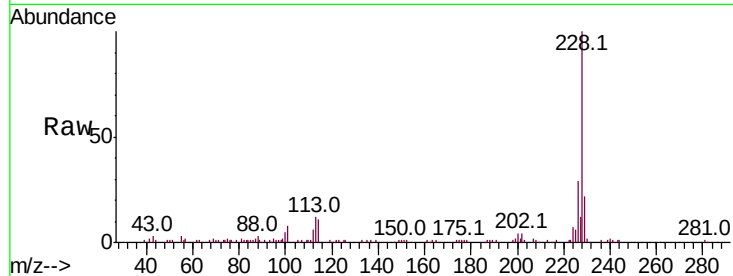
#83
 Chrvsene
 Concen: 4.839 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BF121795.D
 Acq: 2 Oct 2020 15:40

Instrument :
 BNA_F
 ClientSampled :
 11940

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	37.0
229	22.1	15.9	23.9

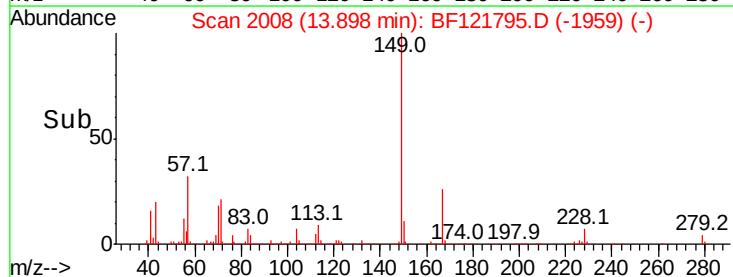
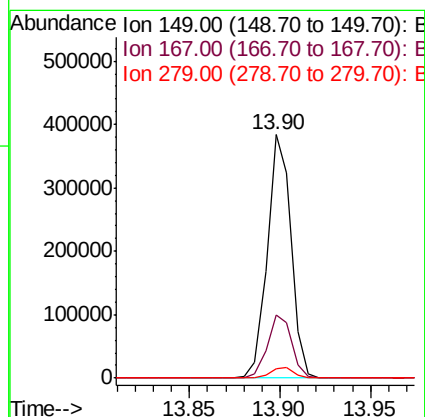
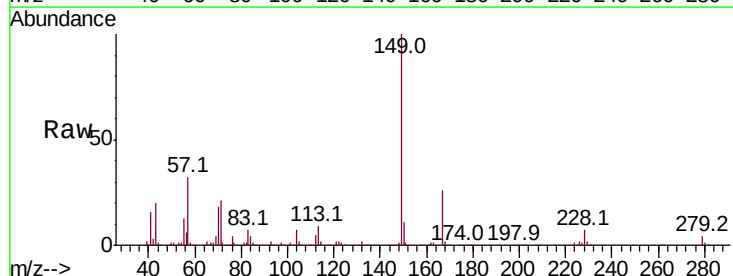
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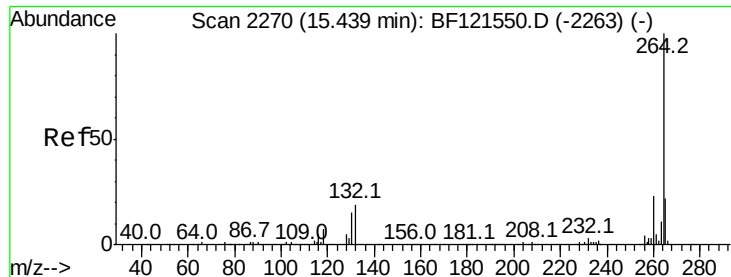
mohammad
 10/5/2020 10:27:33 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.122 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF121795.D
 Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.9	31.3
279	3.8	3.2	4.8





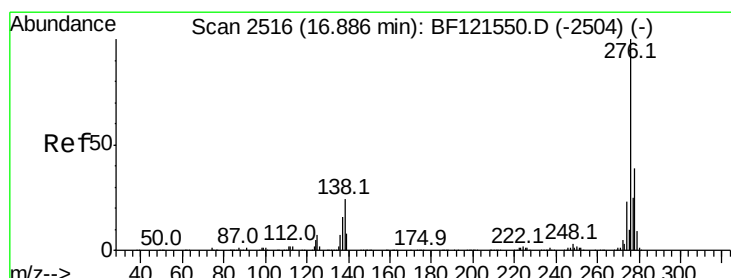
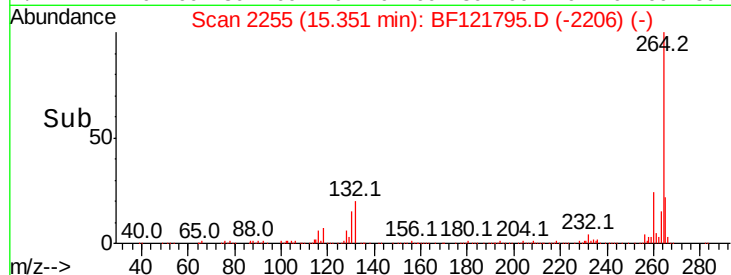
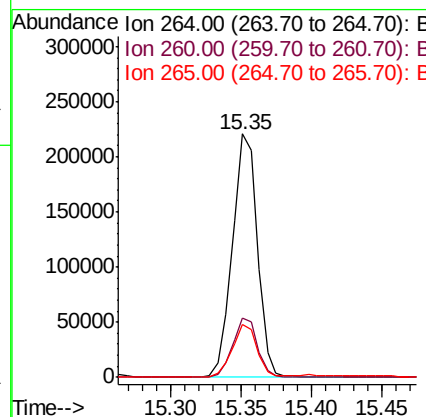
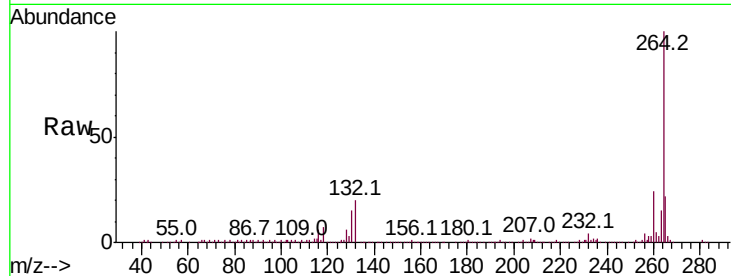
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Instrument :
BNA_F
ClientSampled :
11940

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	17.3	25.9

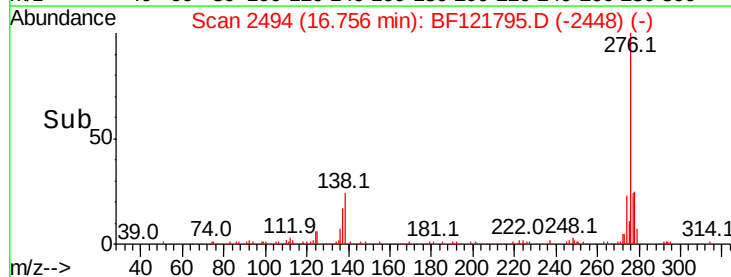
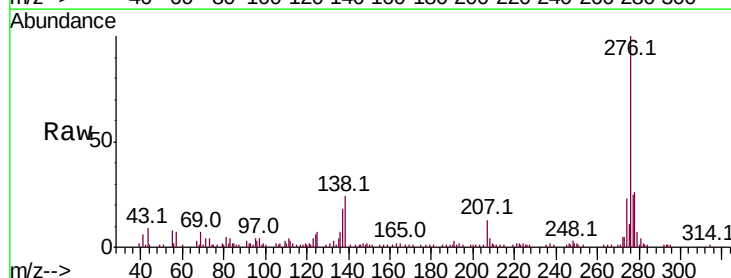
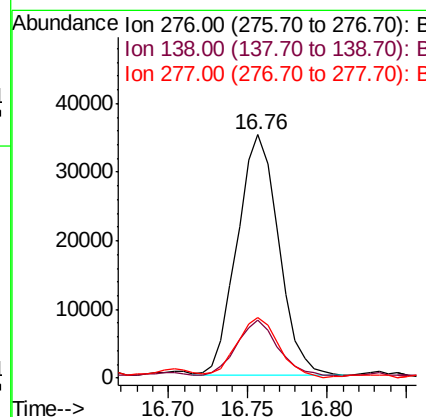
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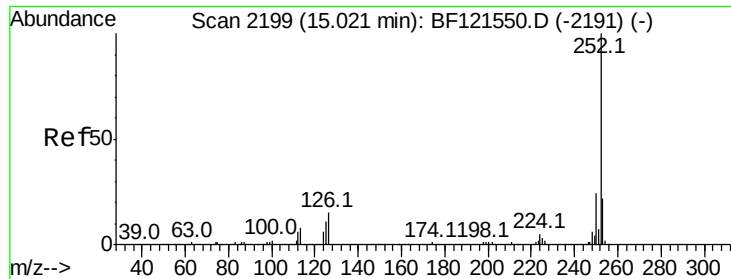
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.595 ng
RT: 16.76 min Scan# 2494
Delta R.T. -0.03 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.9	29.9
277	25.9	20.4	30.6





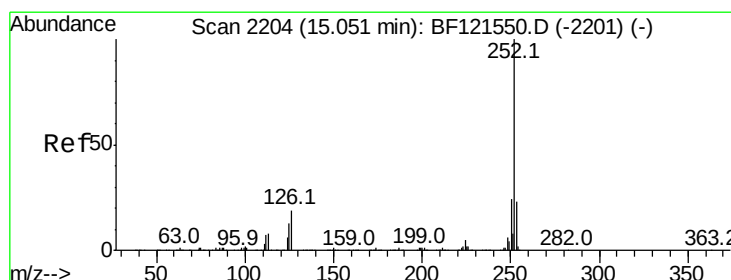
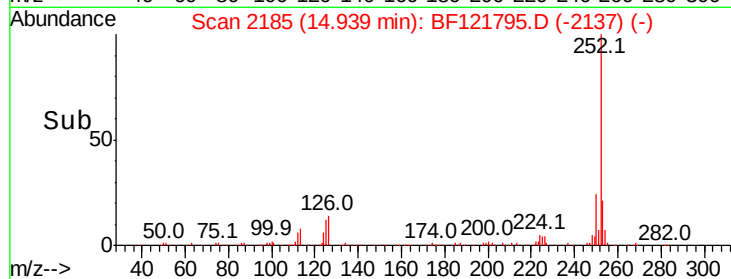
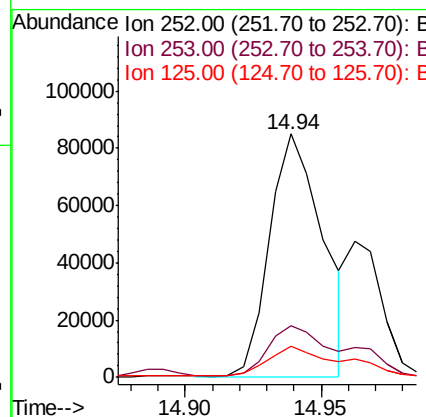
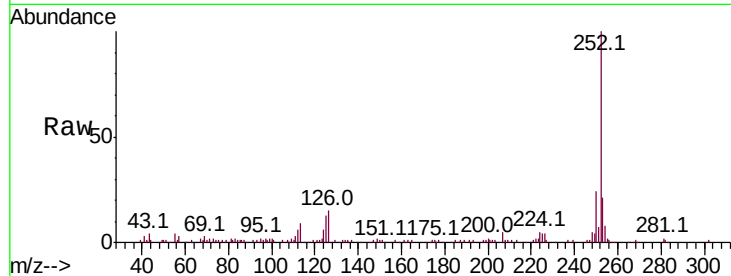
#88
Benzo(b)fluoranthene
Concen: 6.462 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Instrument :
BNA_F
ClientSampleId :
11940

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	12.7	8.0	12.0

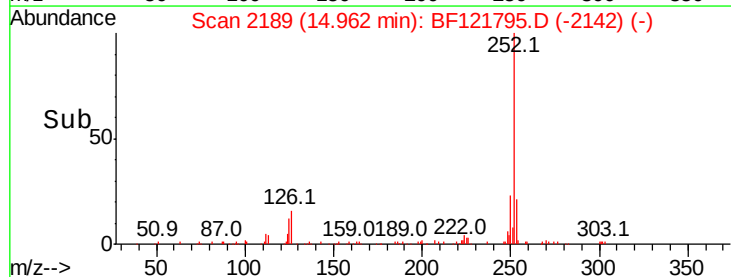
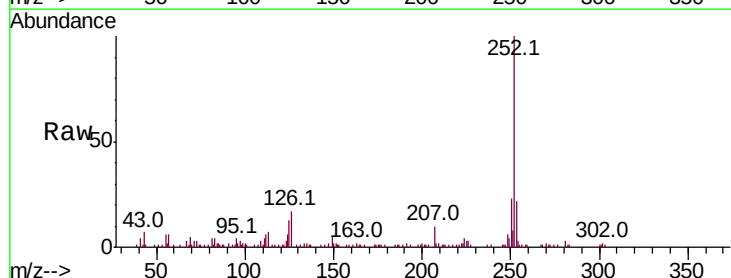
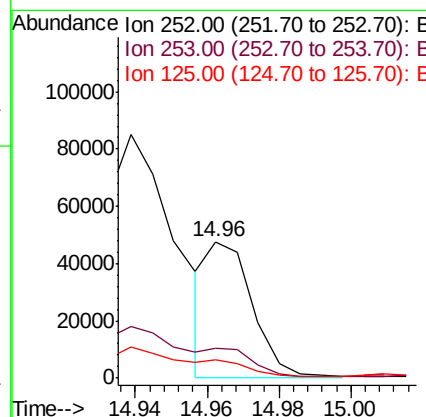
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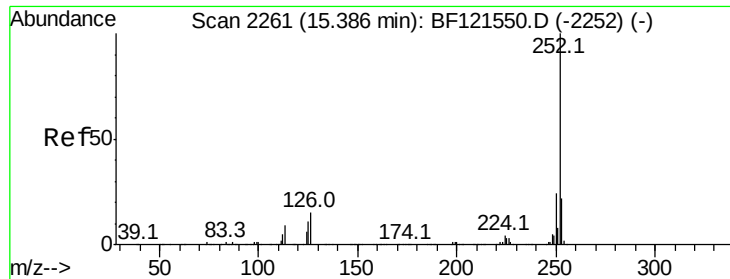
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.521 ng m
RT: 14.96 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.4	7.7	11.5





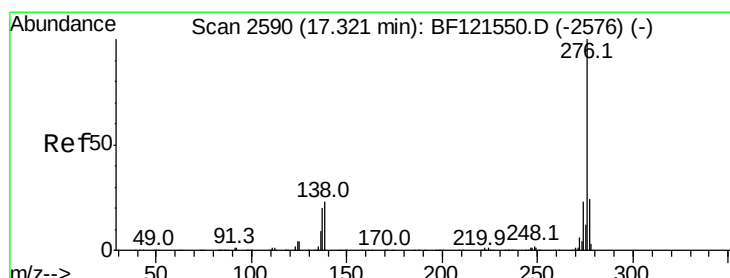
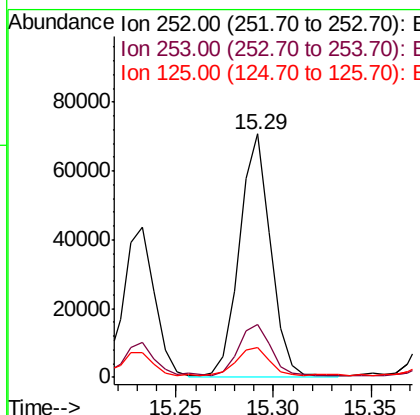
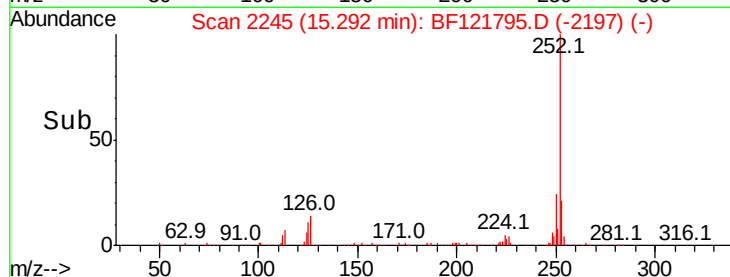
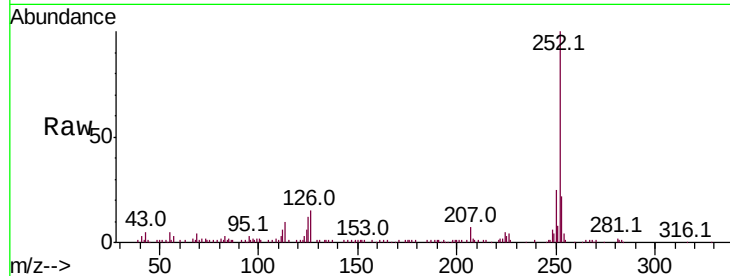
#90
Benzo(a)pyrene
Concen: 5.111 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Instrument :
BNA_F
ClientSampleId :
11940

Tot Ion:	252	Resp:	79179
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	12.4	8.6	13.0

Manual Integrations
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10/5/2020 10:27:33 AM



#92
Benzo(g,h,i)perylene
Concen: 4.303 ng
RT: 17.18 min Scan# 2566
Delta R.T. -0.03 min
Lab File: BF121795.D
Acq: 2 Oct 2020 15:40

Tgt Ion:	276	Resp:	62511
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.4	29.2
138	24.1	17.8	26.6

