

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121869.D
 Acq On : 7 Oct 2020 12:49
 Operator : JU/CG
 Sample : L4260-11 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B23-100220-0-10

Manual Integrations
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mohammad
 10/8/2020 12:29:09 PM

Quant Time: Oct 07 13:28:02 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	113638	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	432168	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	208209	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	341788	20.00	ng	0.00
76) Chrysene-d12	13.93	240	271481	20.00	ng	0.00
86) Perylene-d12	15.37	264	272188	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	324566	42.45	ng	0.00
7) Phenol-d6	6.40	99	410353	40.90	ng	-0.01
23) Nitrobenzene-d5	7.33	82	271884	33.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	92404	35.71	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	507020	36.88	ng	-0.01
79) Terphenyl-d14	12.87	244	430316	32.11	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.07	128	87119	3.819	ng	99
50) Dimethylphthalate	9.52	163	76055	5.040	ng	100
52) Acenaphthene	9.83	154	30195	2.369	ng	98
58) Fluorene	10.35	166	31569	2.300	ng	98
71) Phenanthrene	11.31	178	327685	17.597	ng	99
72) Anthracene	11.36	178	84171	4.380	ng	99
75) Fluoranthene	12.50	202	378074	19.019	ng	99
78) Pyrene	12.73	202	381489	19.233	ng	99
81) Benzo(a)anthracene	13.92	228	197056	11.473	ng	98
83) Chrysene	13.95	228	165845m	9.536	ng	
87) Indeno(1,2,3-cd)pyrene	16.80	276	106092	5.985	ng	94
88) Benzo(b)fluoranthene	14.96	252	245587m	13.497	ng	
89) Benzo(k)fluoranthene	14.98	252	64654m	3.880	ng	
90) Benzo(a)pyrene	15.31	252	187727	12.137	ng	# 94
92) Benzo(a,h,i)perylene	17.23	276	106848	7.367	ng	96

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

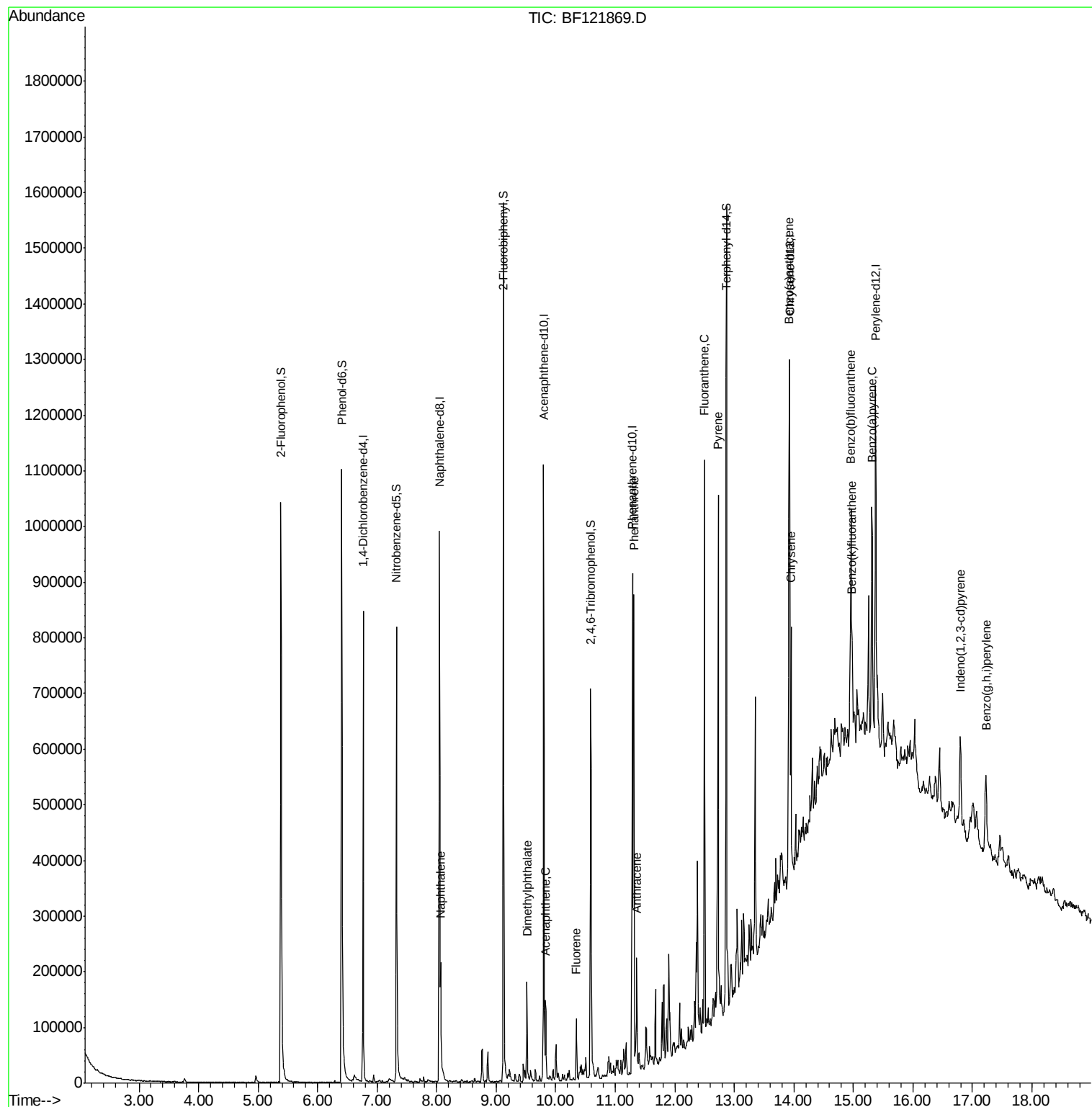
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
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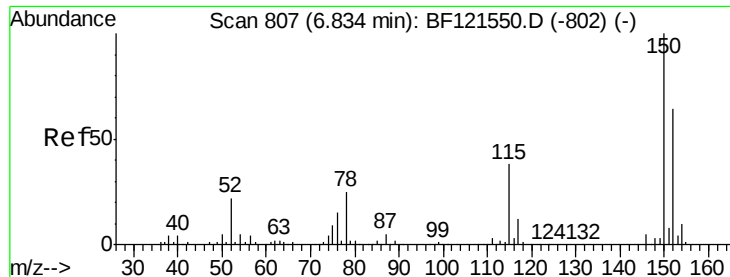
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

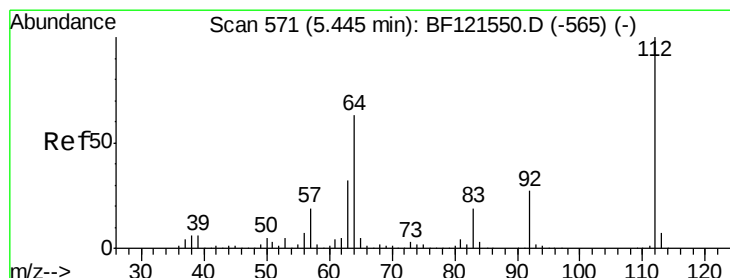
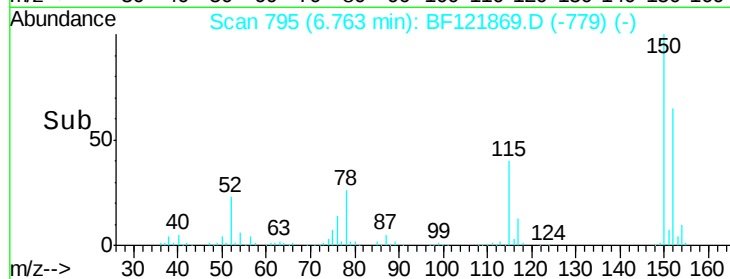
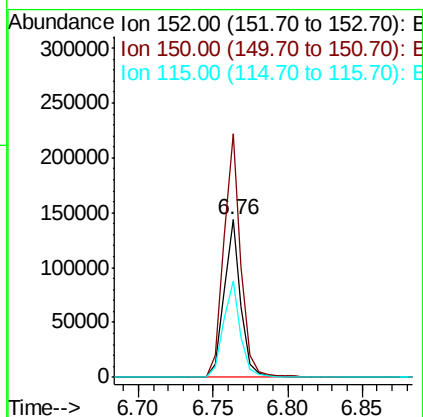
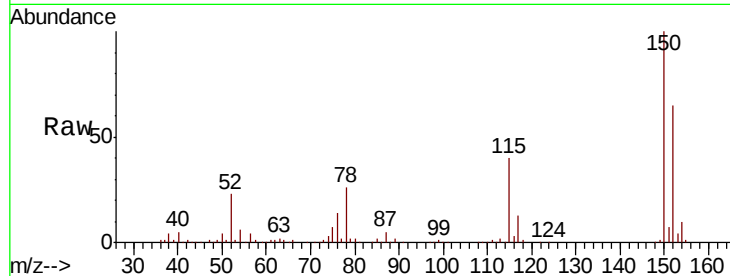
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-0-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.3	187.9
115	61.5	51.9	77.9

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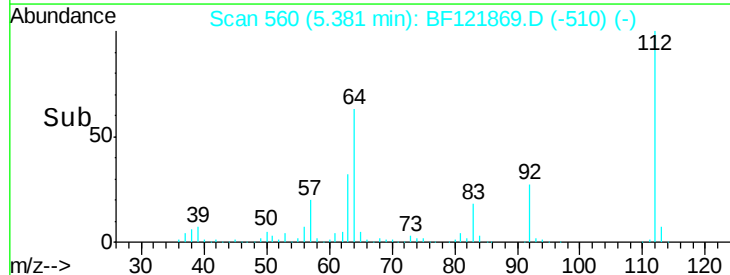
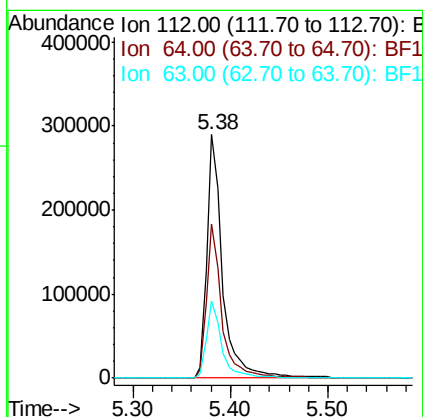
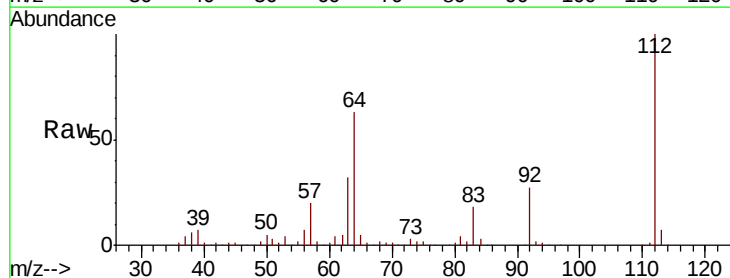
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#5

2-Fluorophenol
Concen: 42.446 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.4	75.6
63	31.6	25.8	38.6





#7

Phenol-d6

Concen: 40.905 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121869.D

Acq: 7 Oct 2020 12:49

Instrument :

BNA_F

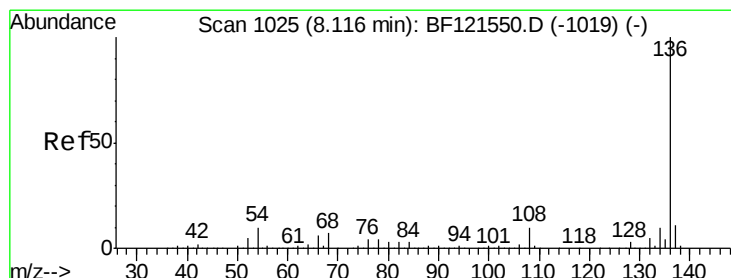
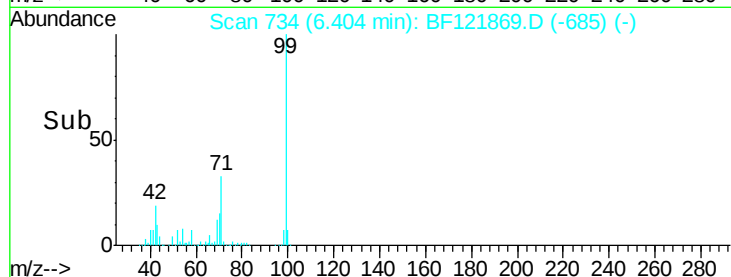
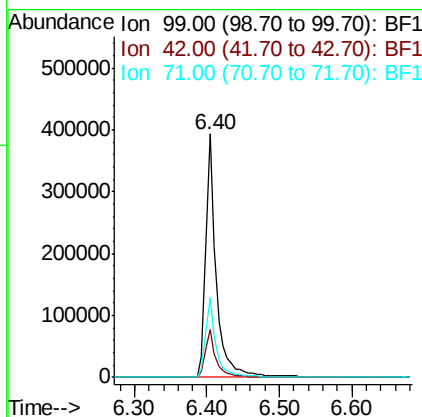
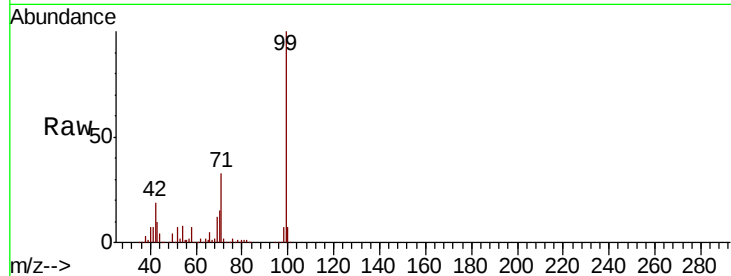
ClientSampleId :

PAV-B23-100220-0-10

Tot Ion:	99	Resp:	410353
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.9	23.9
71	32.6	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

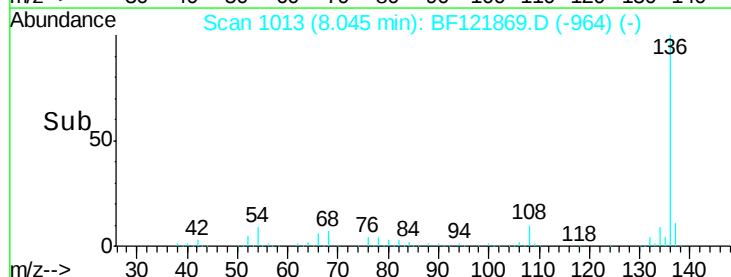
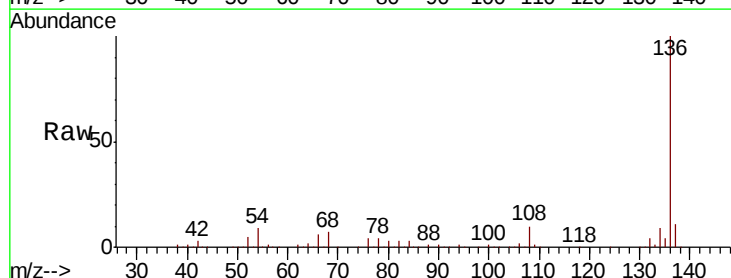
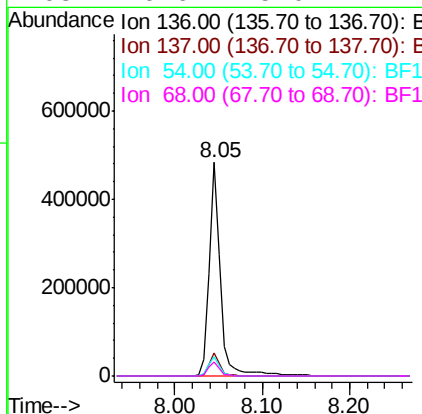
RT: 8.05 min Scan# 1013

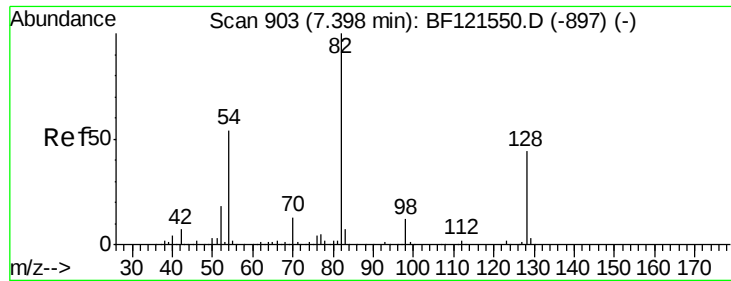
Delta R.T. -0.01 min

Lab File: BF121869.D

Acq: 7 Oct 2020 12:49

Tgt Ion:	136	Resp:	432168
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.2	7.1	10.7
68	6.6	5.0	7.4





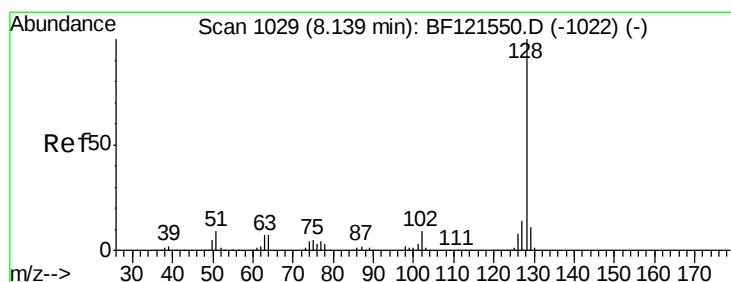
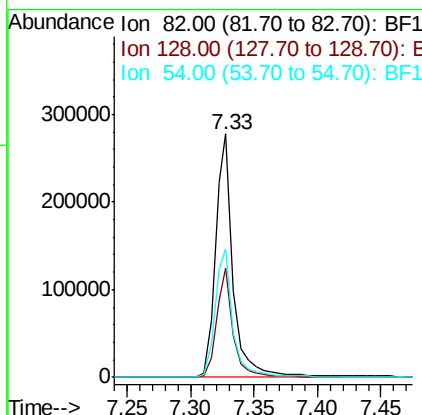
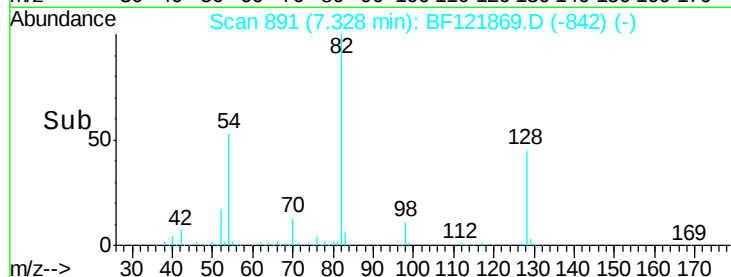
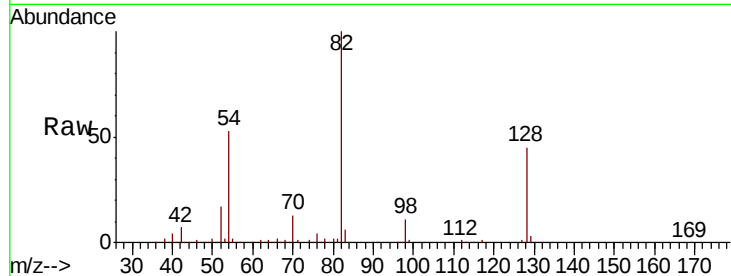
#23
Nitrobenzene-d5
Concen: 33.778 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-0-10

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

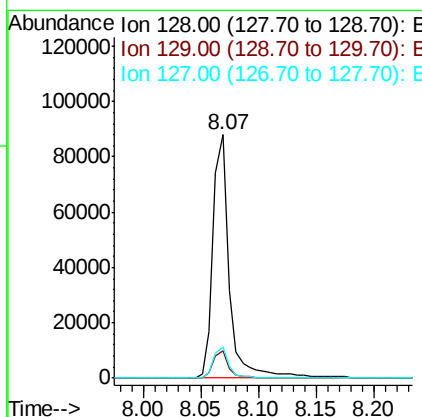
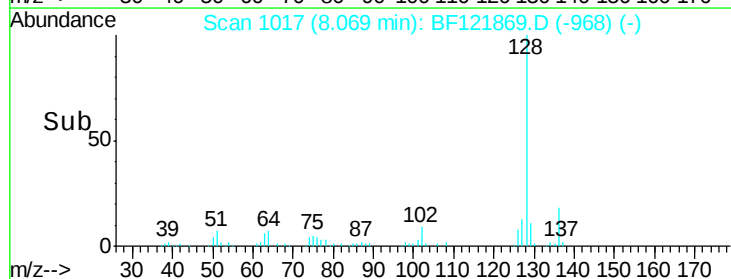
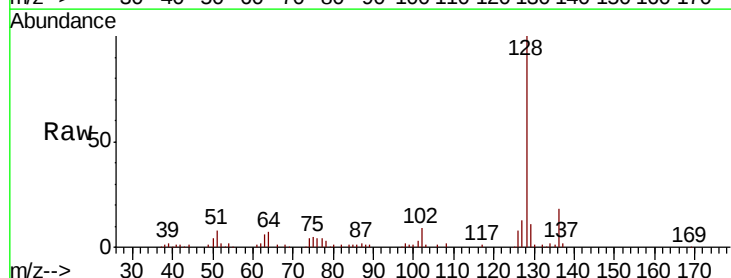
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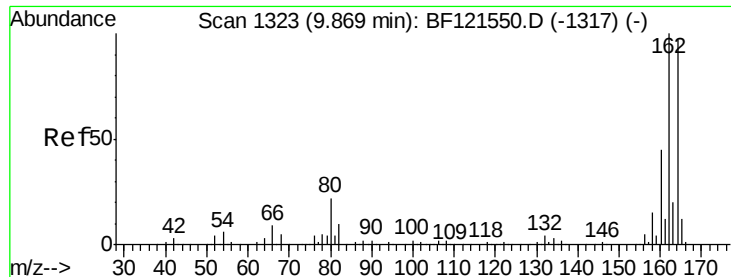
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#31
Naphthalene
Concen: 3.819 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.8	16.2





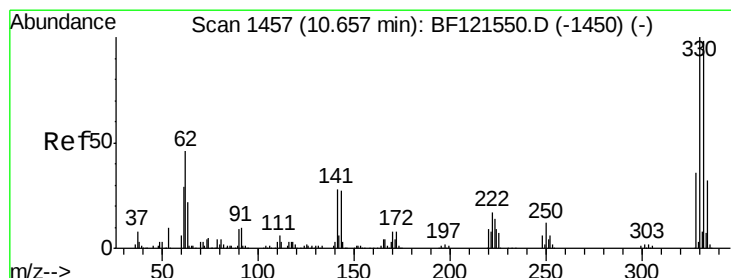
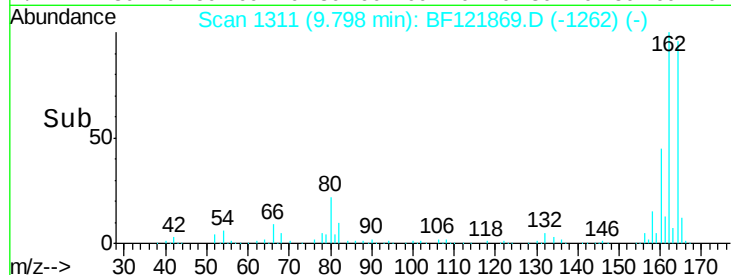
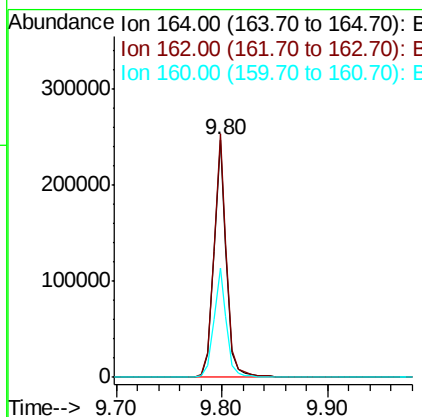
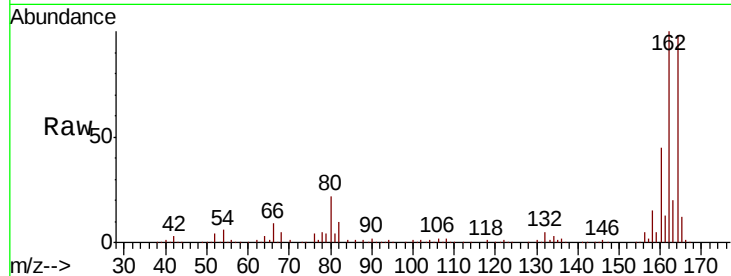
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-0-10

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	46.1	37.5	56.3

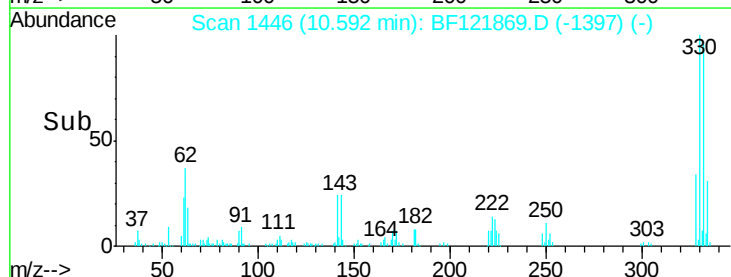
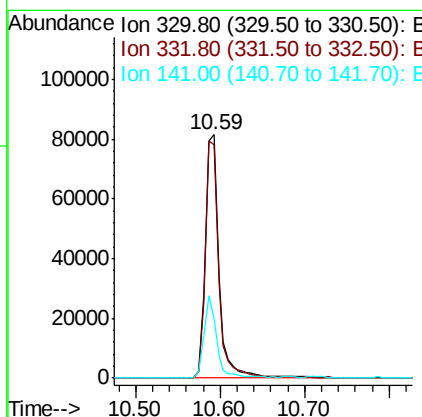
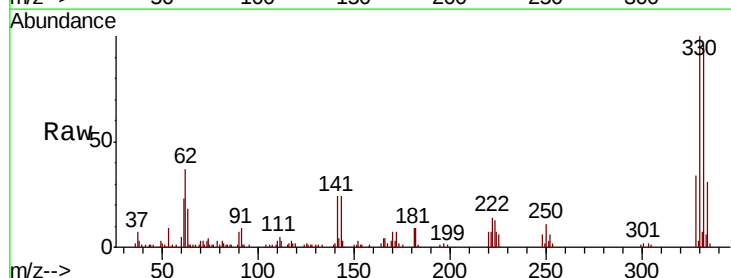
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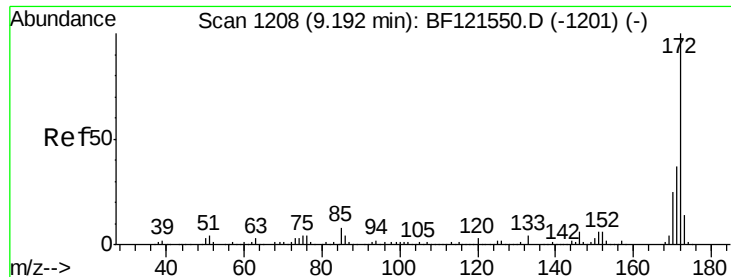
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#42
2,4,6-Tribromophenol
Concen: 35.708 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	31.3	22.3	33.5





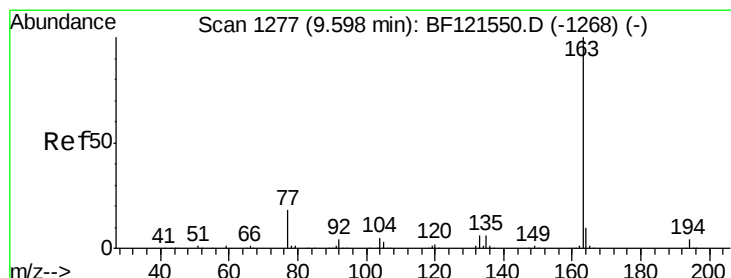
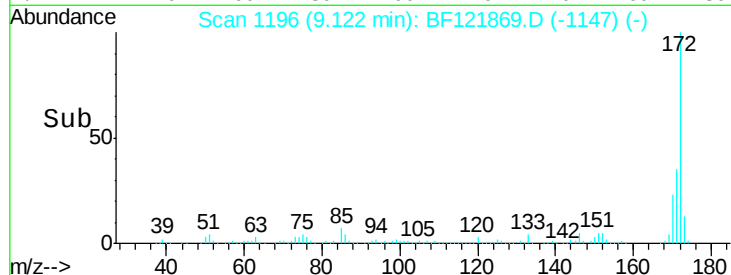
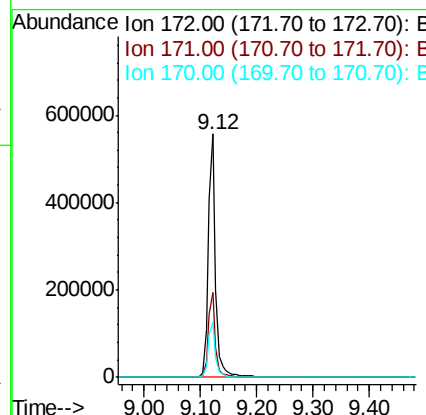
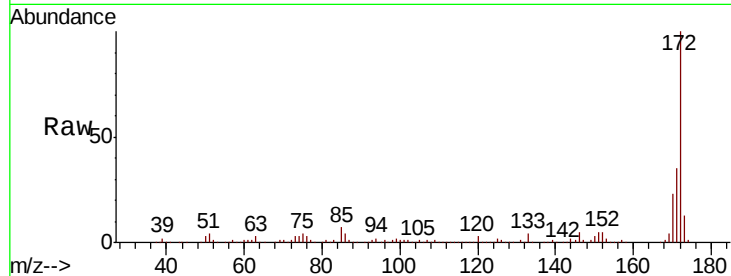
#45
2-Fluorobiphenyl
Concen: 36.881 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-0-10

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.1	43.7
170	23.0	19.8	29.6

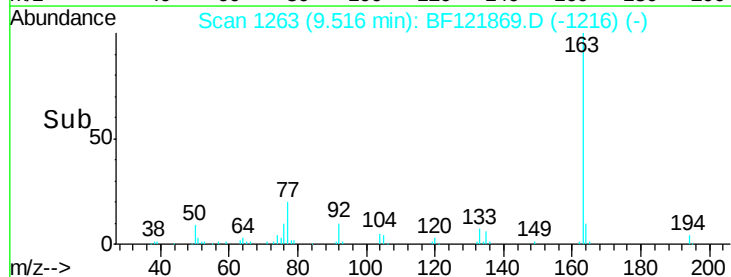
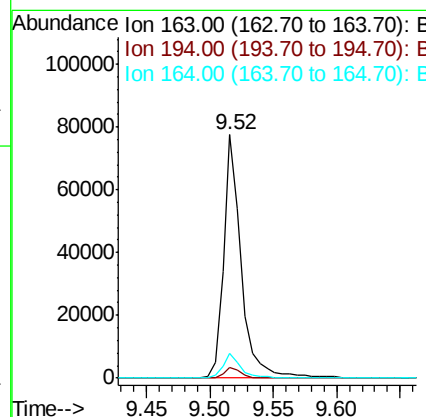
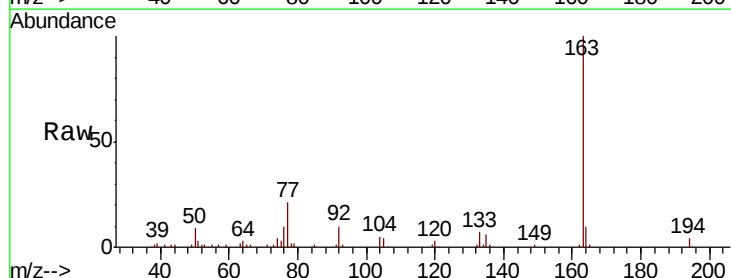
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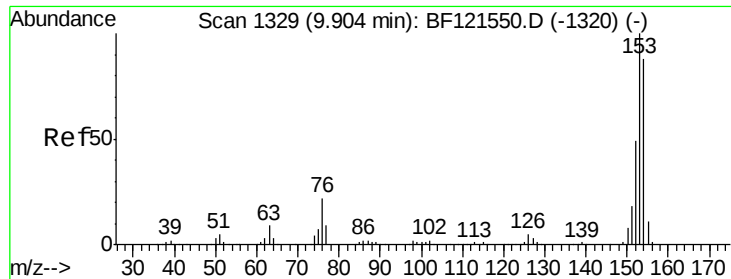
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#50
Dimethylphthalate
Concen: 5.040 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.2	12.4





#52

Acenaphthene

Concen: 2.369 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF121869.D

Acq: 7 Oct 2020 12:49

Instrument :

BNA_F

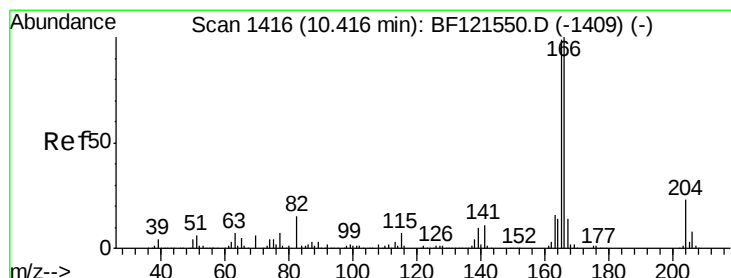
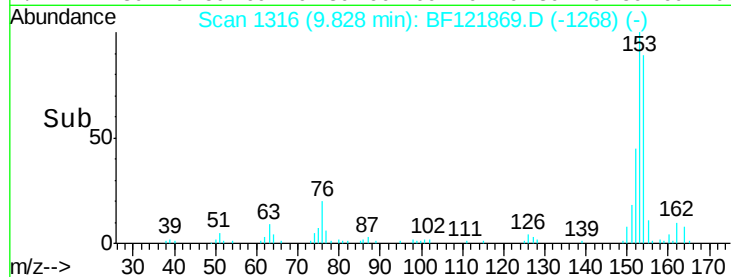
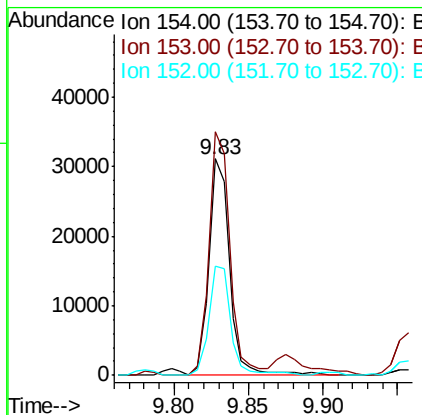
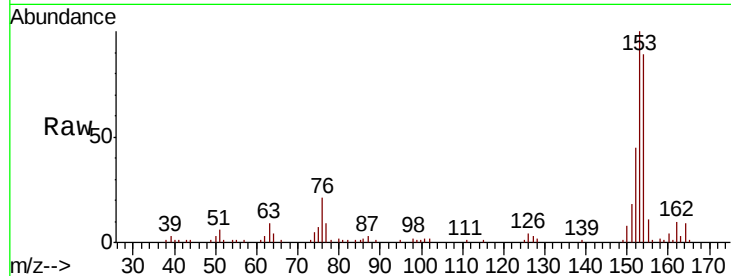
ClientSampleId :

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Tot Ion:	154	Resp:	30195
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.8	134.8
152	50.6	43.2	64.8

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#58

Fluorene

Concen: 2.300 ng

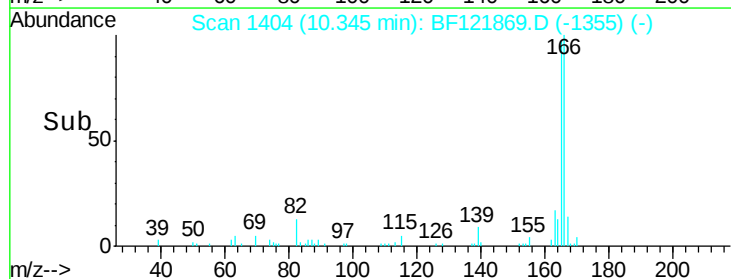
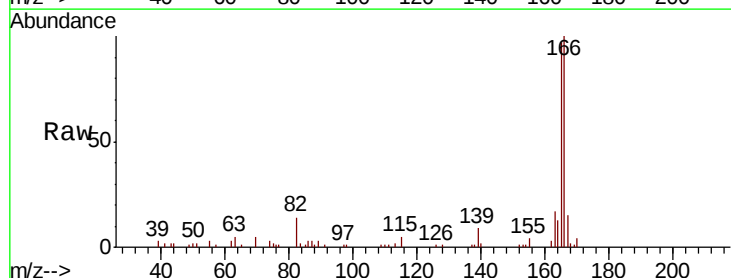
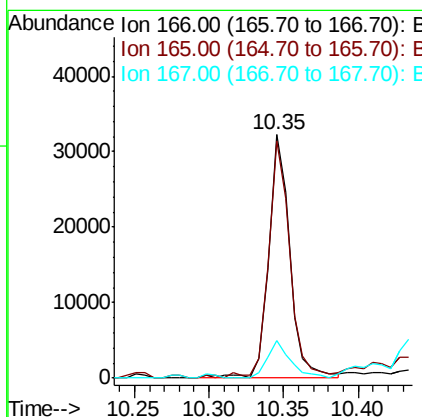
RT: 10.35 min Scan# 1404

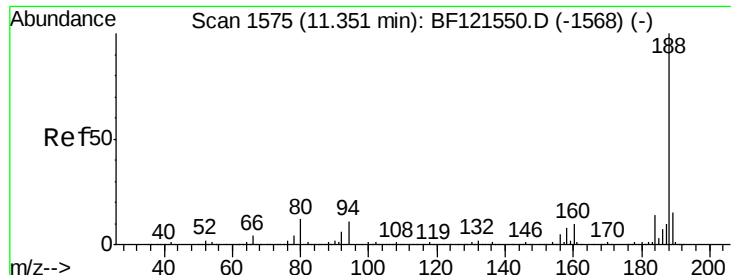
Delta R.T. -0.01 min

Lab File: BF121869.D

Acq: 7 Oct 2020 12:49

Tgt Ion:	166	Resp:	31569
Ion Ratio	Lower	Upper	
166	100		
165	97.3	79.1	118.7
167	15.2	11.0	16.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121869.D

Acq: 7 Oct 2020 12:49

Instrument :

BNA_F

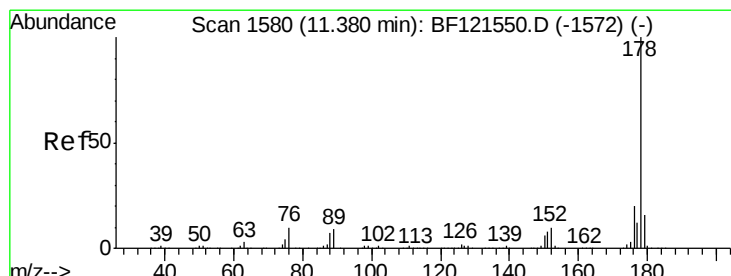
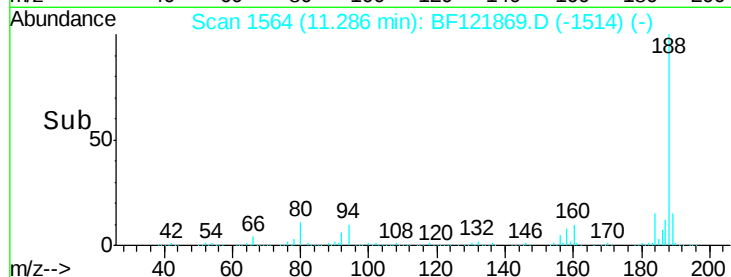
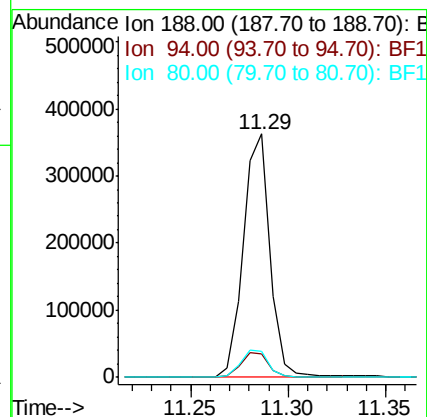
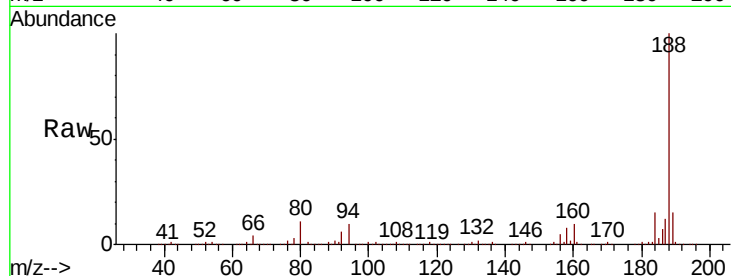
ClientSampleId :

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Tot Ion:	188	Resp:	341788
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.3	12.5
80	10.6	9.1	13.7

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#71

Phenanthrene

Concen: 17.597 ng

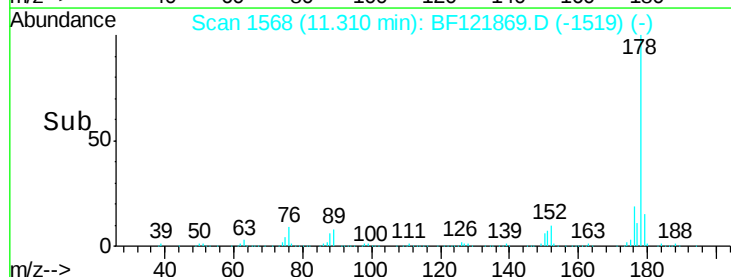
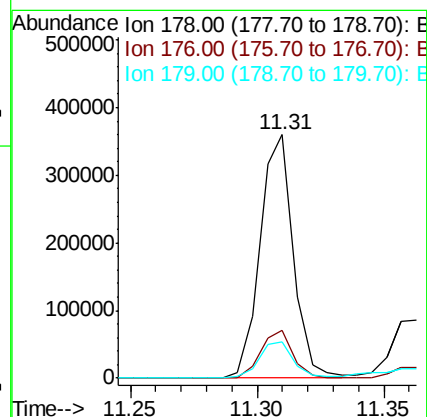
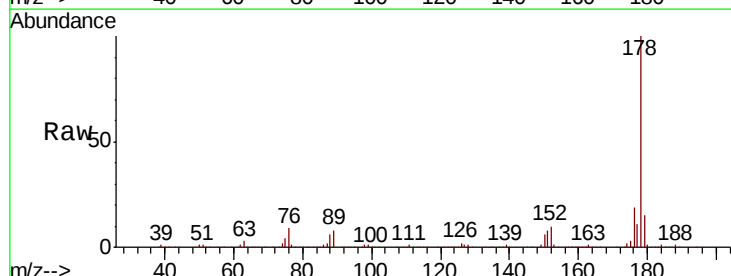
RT: 11.31 min Scan# 1568

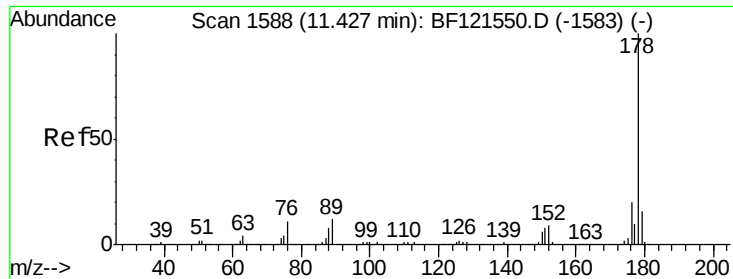
Delta R.T. -0.01 min

Lab File: BF121869.D

Acq: 7 Oct 2020 12:49

Tgt Ion:	178	Resp:	327685
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.9	23.9
179	15.0	12.2	18.4





#72

Anthracene

Concen: 4.380 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF121869.D

Acq: 7 Oct 2020 12:49

Instrument :

BNA_F

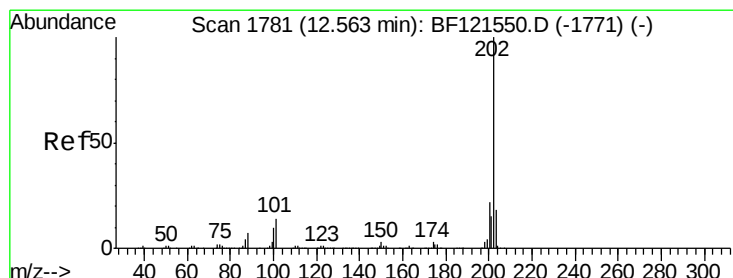
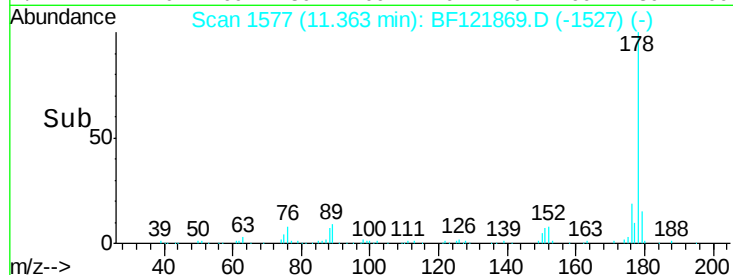
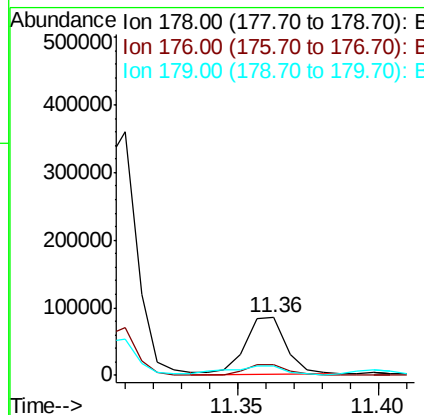
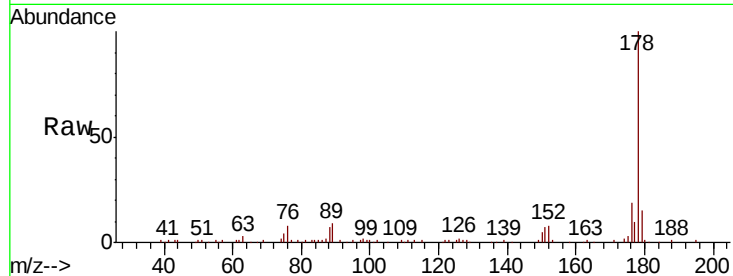
ClientSampleId :

PAV-B23-100220-0-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.4	12.7	19.1

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#75

Fluoranthene

Concen: 19.019 ng

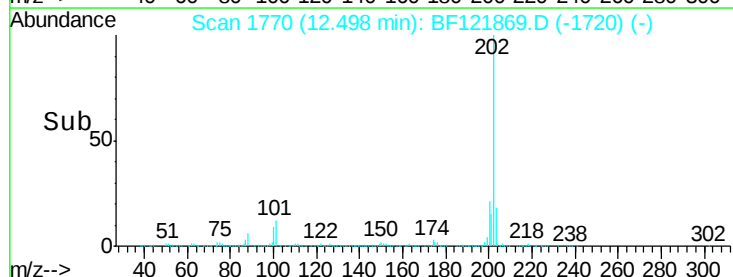
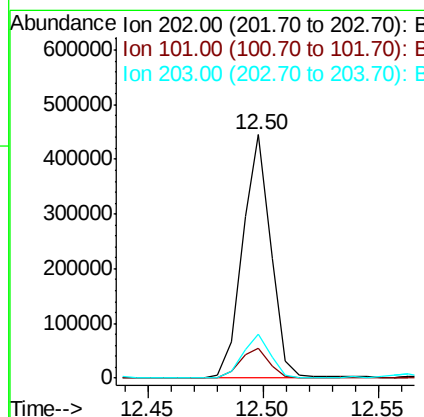
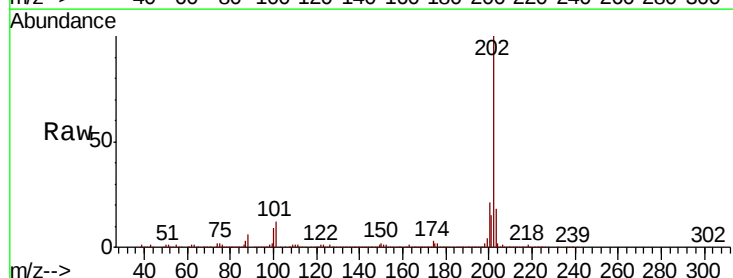
RT: 12.50 min Scan# 1770

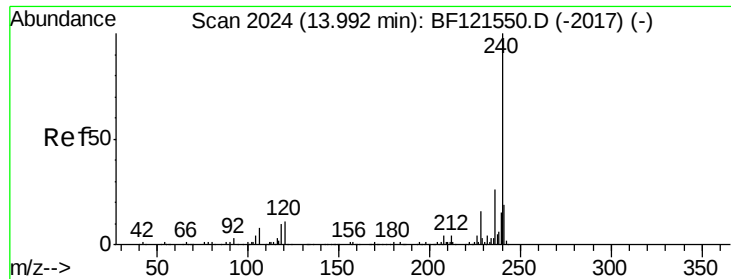
Delta R.T. -0.01 min

Lab File: BF121869.D

Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.4
203	17.9	0.0	37.9





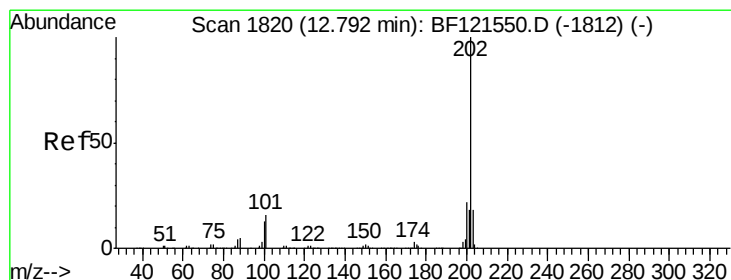
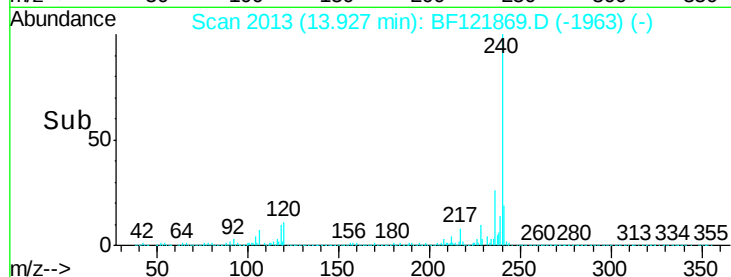
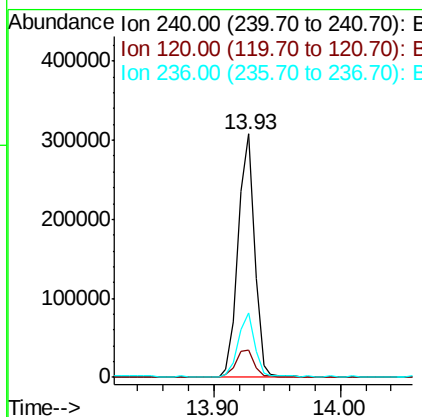
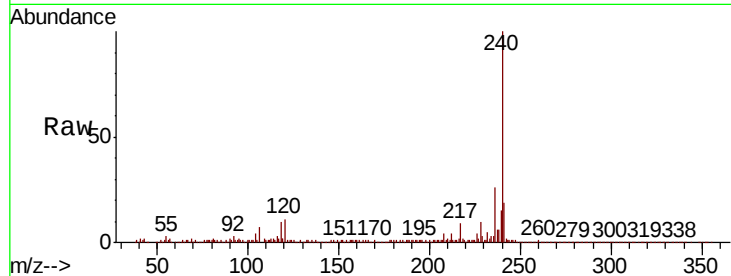
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-0-10

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.2	13.8
236	26.3	20.9	31.3

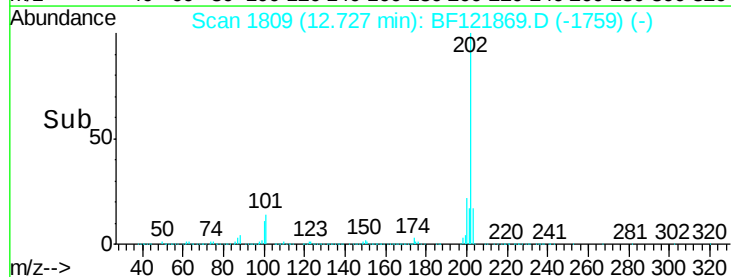
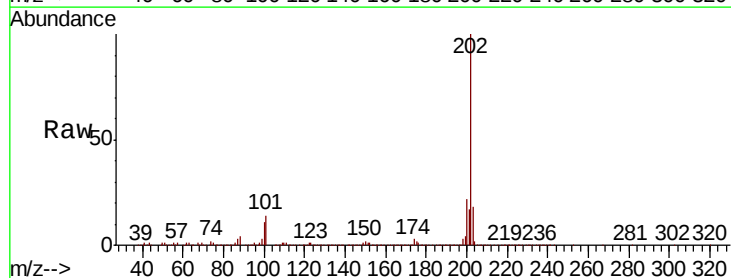
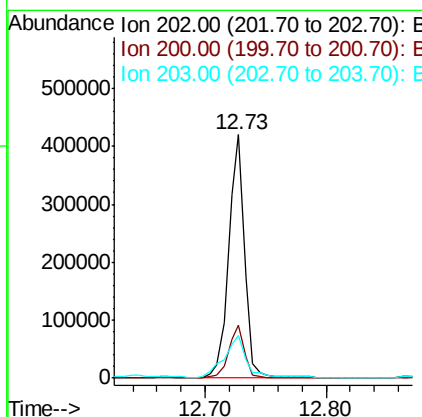
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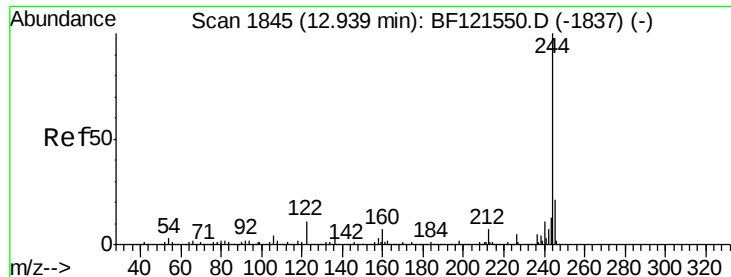
mohammad
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#78
Pyrene
Concen: 19.233 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.5	14.6	21.8





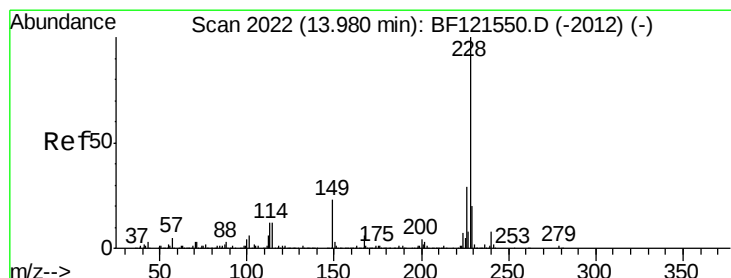
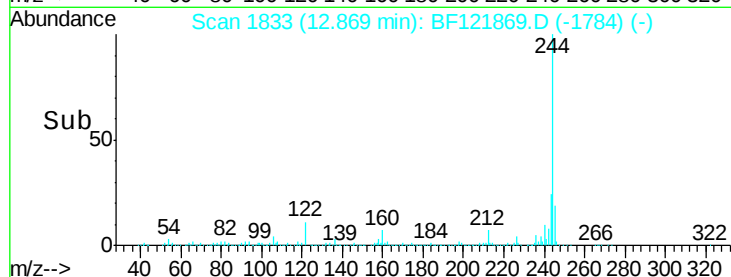
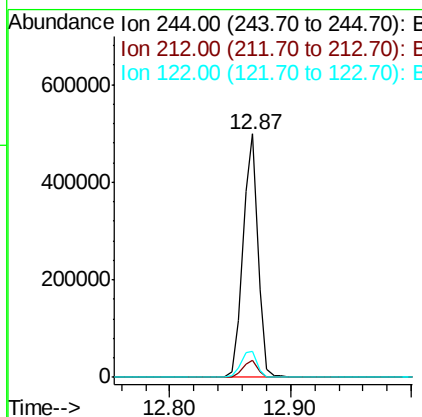
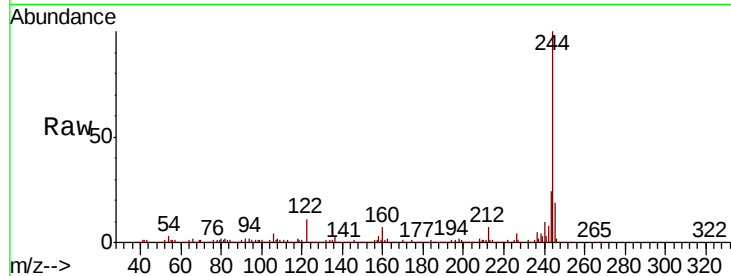
#79
 Terphenyl-d14
 Concen: 32.112 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121869.D
 Acq: 7 Oct 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B23-100220-0-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.7	8.1	12.1

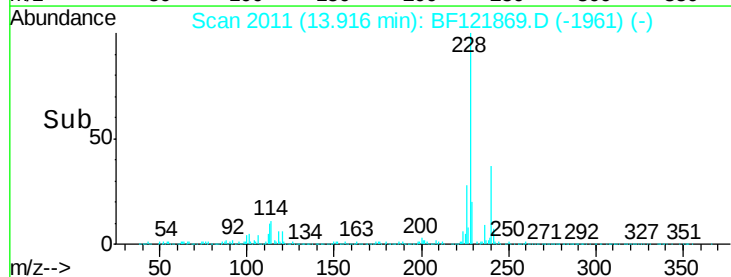
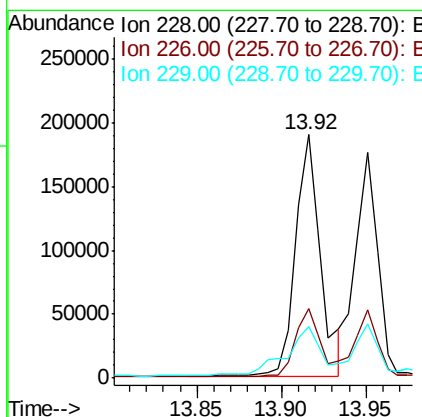
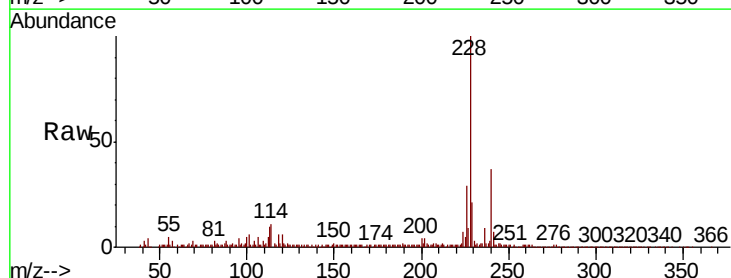
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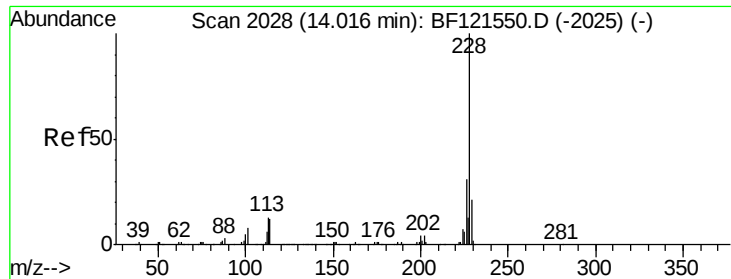
mohammad
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#81
 Benzo(a)anthracene
 Concen: 11.473 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF121869.D
 Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	21.1	16.2	24.4





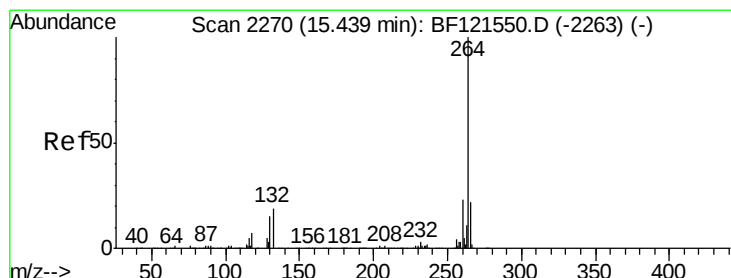
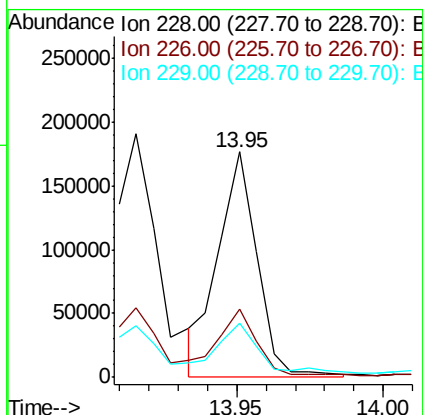
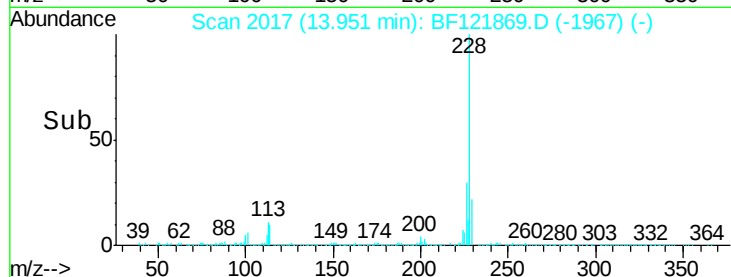
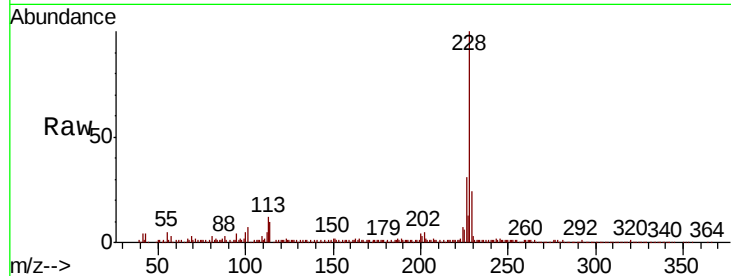
#83
Chrysene
Concen: 9.536 ng/mL
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-0-10

Tot Ion:	228	Resp:	165845
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.6	37.0
229	24.1	15.9	23.9

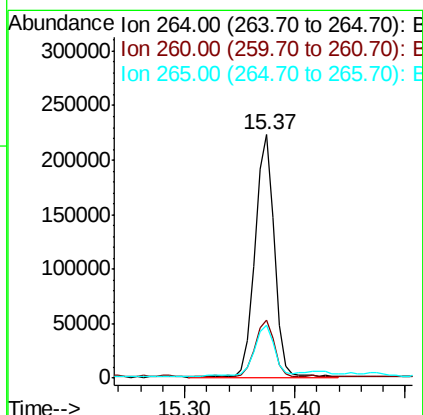
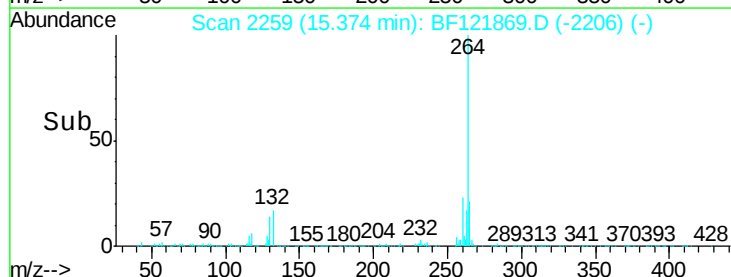
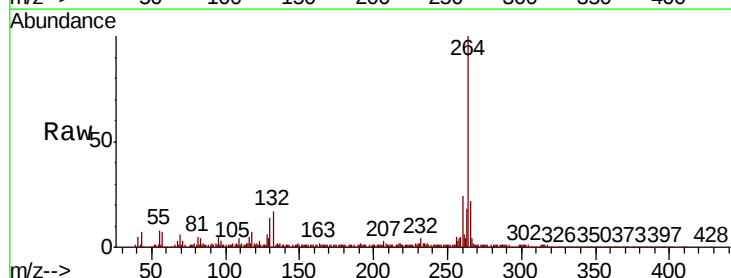
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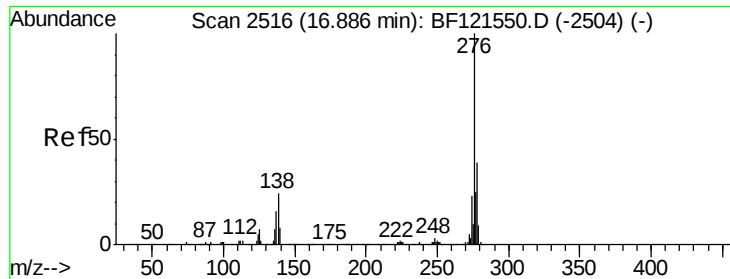
mohammad
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#86
Perylene-d12
Concen: 20.000 ng/mL
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Tgt Ion:	264	Resp:	272188
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.7	28.1
265	22.0	17.3	25.9





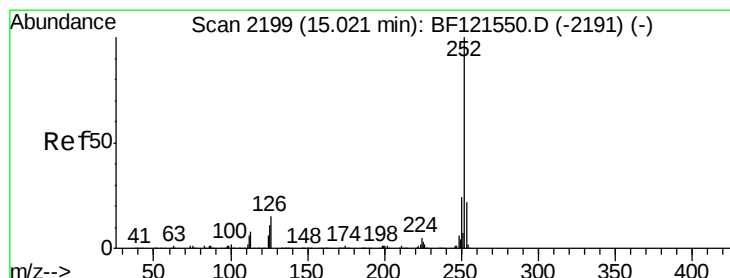
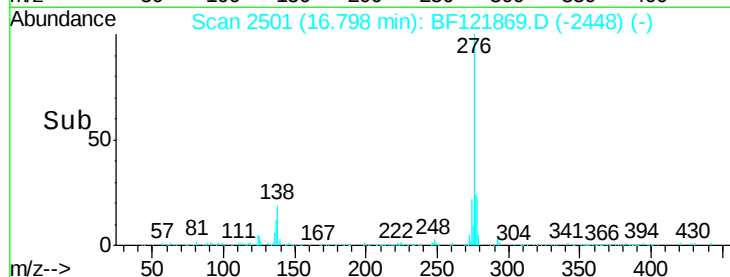
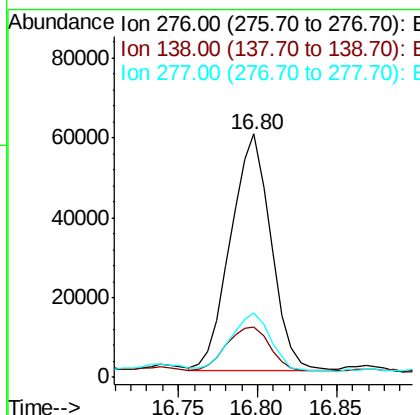
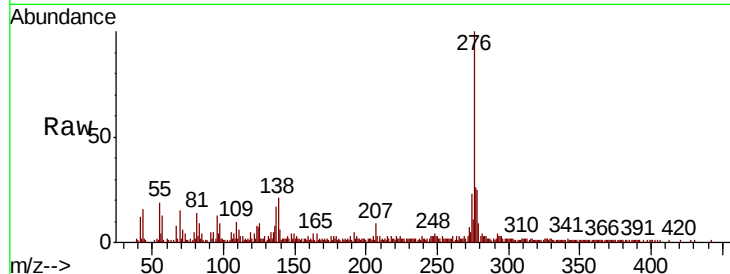
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.985 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-0-10

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	19.9	29.9
277	24.3	20.4	30.6

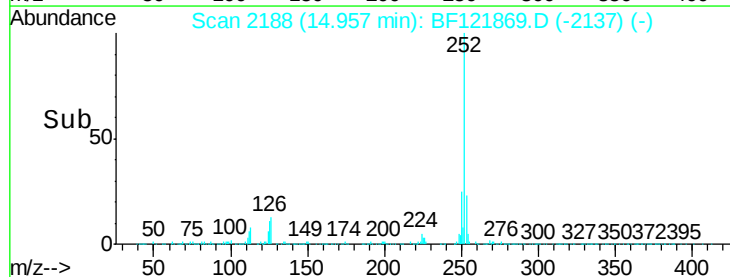
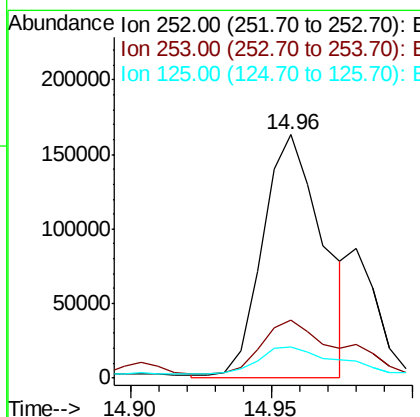
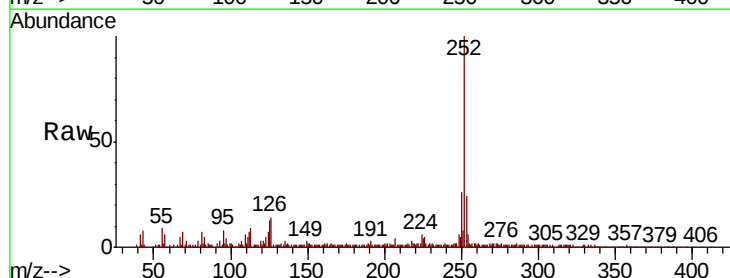
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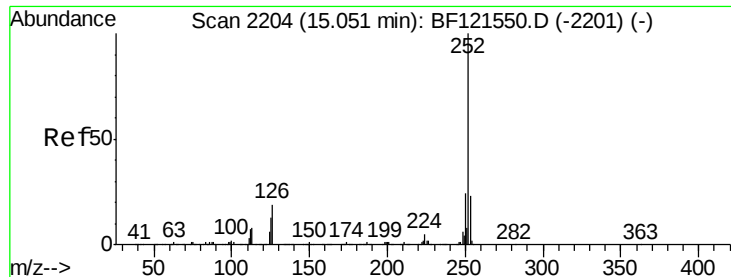
mohammad
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#88
Benzo(b)fluoranthene
Concen: 13.497 ng m
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	12.9	8.0	12.0





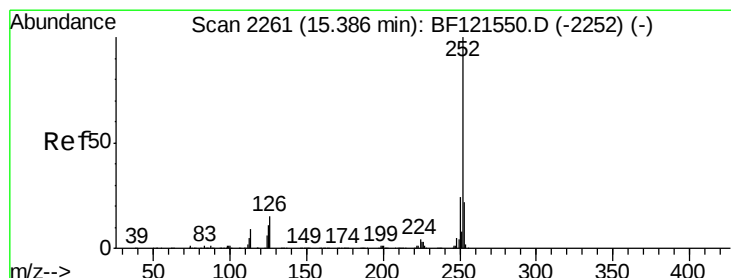
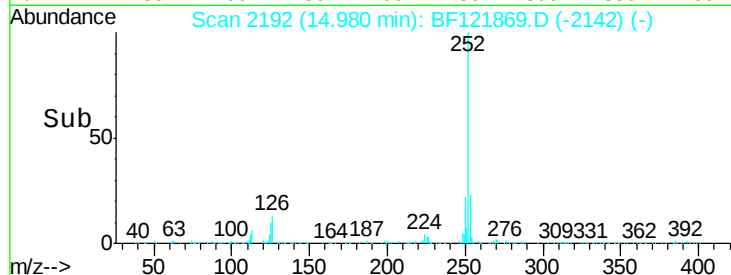
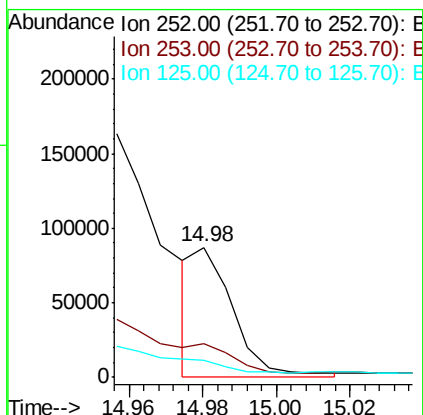
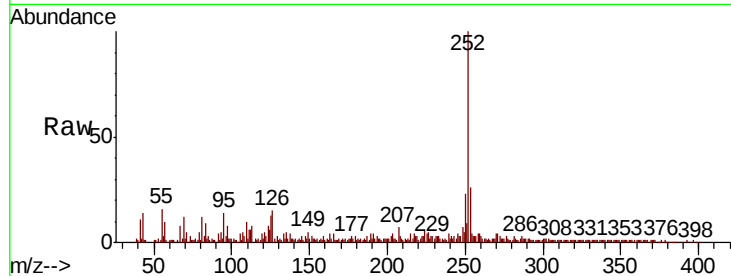
#89
Benzo(k)fluoranthene
Concen: 3.880 ng m
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Instrument :
BNA_F
ClientSampleId :
PAV-B23-100220-0-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.6
125	13.3	7.7	11.5

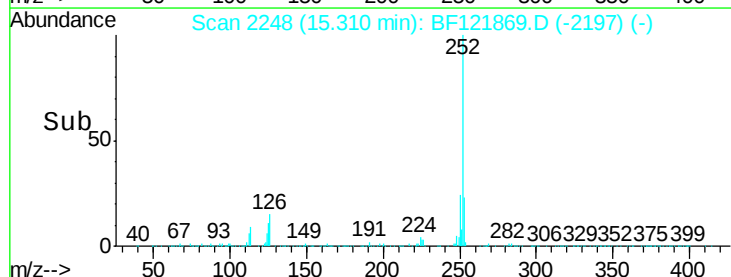
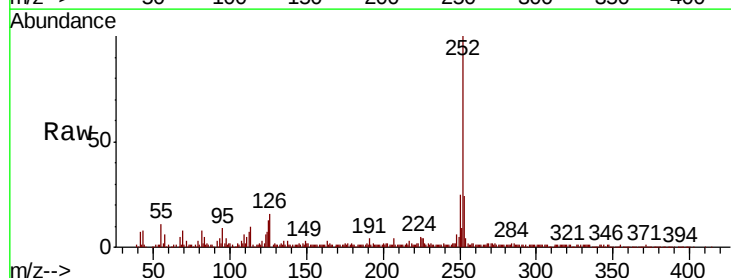
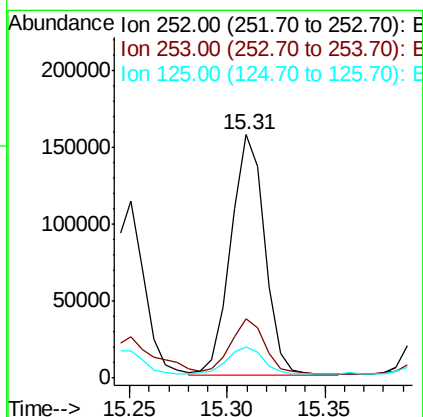
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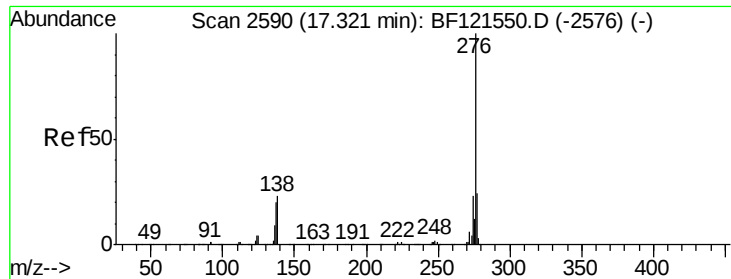
mohammad
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#90
Benzo(a)pyrene
Concen: 12.137 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121869.D
Acq: 7 Oct 2020 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	13.0	8.6	13.0





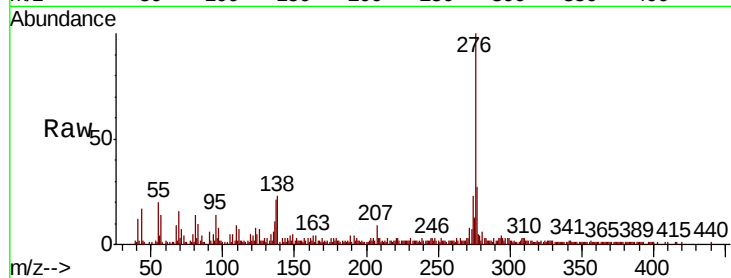
#92
 Benzo(a,h,i)perylene
 Concen: 7.367 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. 0.02 min
 Lab File: BF121869.D
 Acq: 7 Oct 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B23-100220-0-10

Tot Ion:	276	Resp:	106848
Ion Ratio	Lower	Upper	
276	100		
277	26.9	19.4	29.2
138	23.3	17.8	26.6

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

