

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121771.D
 Acq On : 1 Oct 2020 17:11
 Operator : JU/CG
 Sample : L4179-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 B-9(2-3)

Manual Integrations
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Quant Time: Oct 01 17:46:03 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	6.77	152	145342	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	552581	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	267815	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	453189	20.00	ng	0.00
76) Chrysene-d12	13.93	240	316864	20.00	ng	0.00
86) Perylene-d12	15.37	264	327391	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	749315	76.62	ng	0.00
7) Phenol-d6	6.41	99	976041	76.07	ng	0.00
23) Nitrobenzene-d5	7.33	82	653600	63.51	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	251545	75.57	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1114938	63.05	ng	0.00
79) Terphenyl-d14	12.87	244	928950	59.39	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.52	163	182009	9.377	ng	100
71) Phenanthrene	11.31	178	244733	9.912	ng	99
72) Anthracene	11.36	178	57604	2.261	ng	98
75) Fluoranthene	12.50	202	440608	16.716	ng	100
78) Pyrene	12.73	202	395903	17.101	ng	99
81) Benzo(a)anthracene	13.92	228	221693	11.059	ng	96
83) Chrysene	13.95	228	205943	10.145	ng	98
87) Indeno(1,2,3-cd)pyrene	16.78	276	143574	6.734	ng	93
88) Benzo(b)fluoranthene	14.95	252	291678m	13.327	ng	
89) Benzo(k)fluoranthene	14.97	252	89523m	4.467	ng	
90) Benzo(a)pyrene	15.30	252	194547	10.457	ng	96
91) Dibenzo(a,h)anthracene	16.79	278	40531	2.284	ng	# 91
92) Benzo(a,h,i)perylene	17.21	276	130364	7.472	ng	98

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

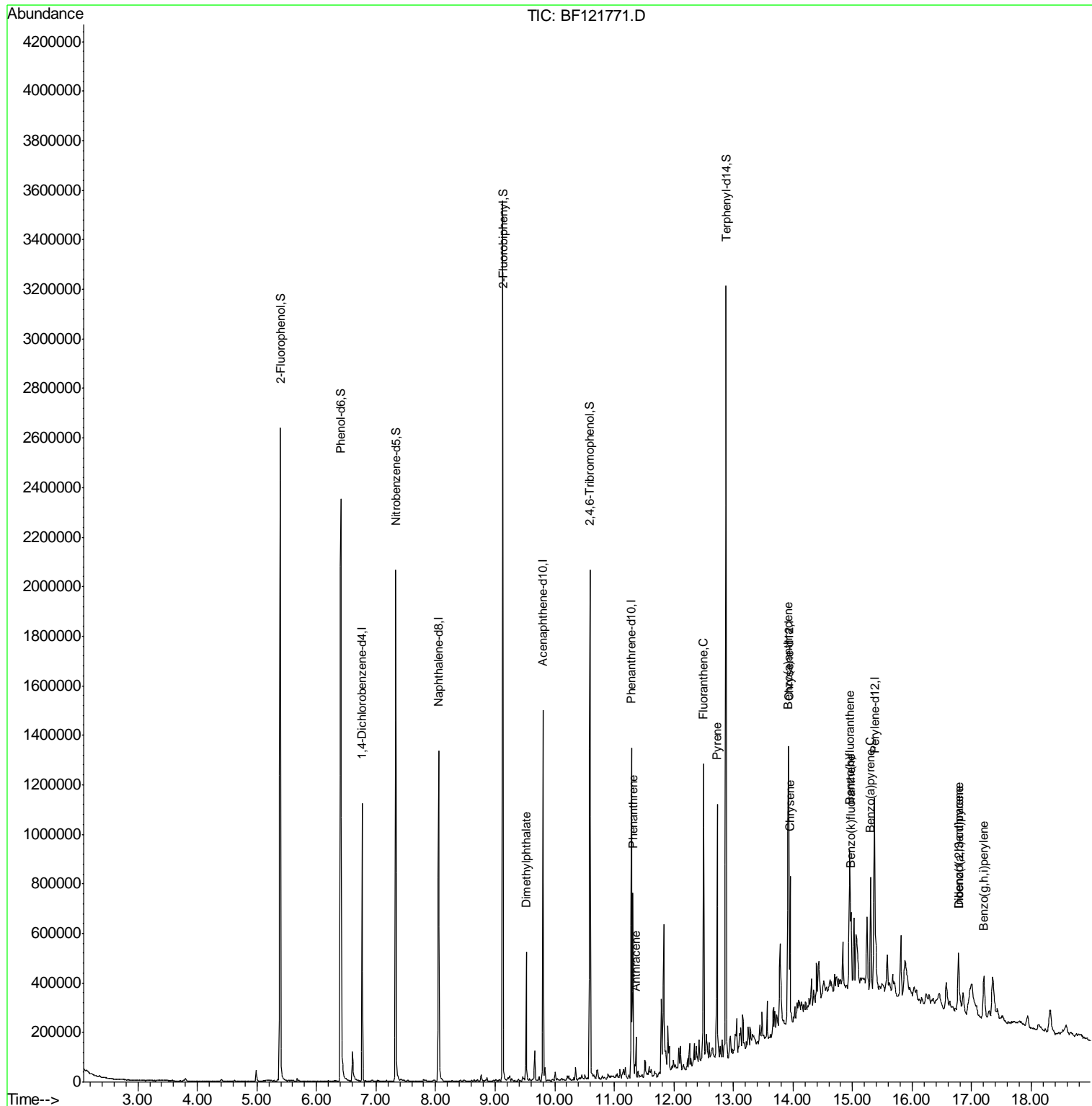
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 Data File : BF121771.D
 Acq On : 1 Oct 2020 17:11
 Operator : JU/CG
 Sample : L4179-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

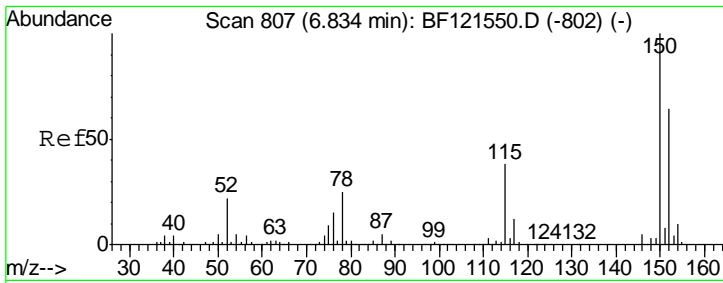
Instrument :
 BNA_F
 Client Sampled :
 B-9(2-3)

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Quant Time: Oct 01 17:46:03 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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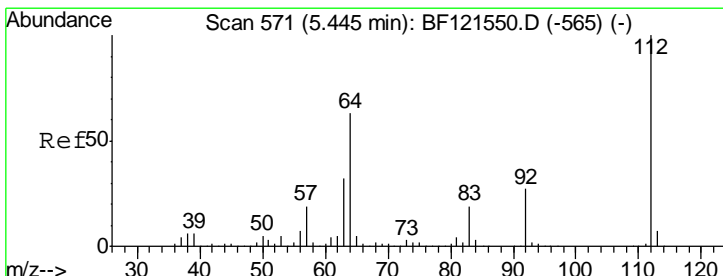
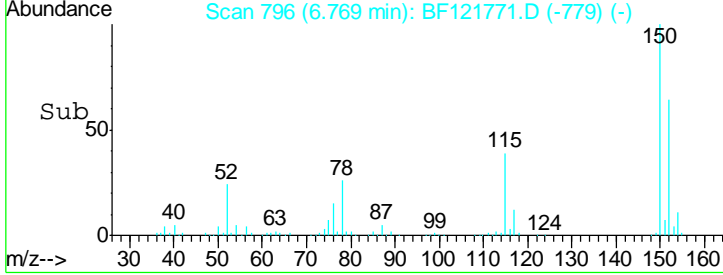
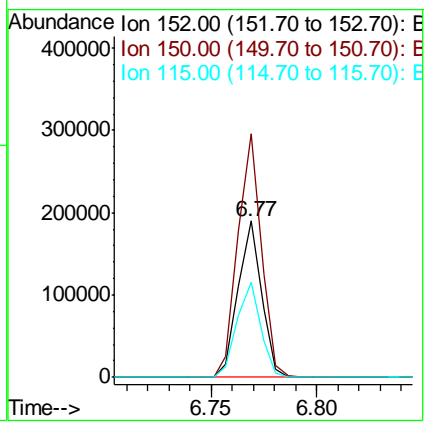
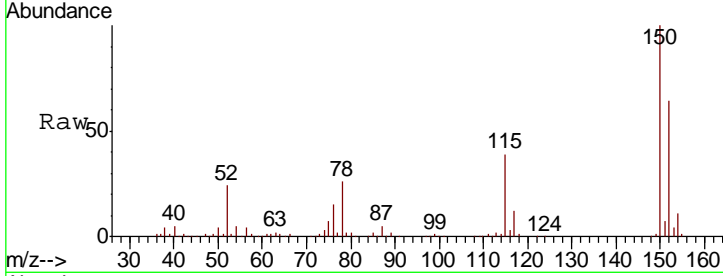


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
ClientSampled :
 B-9(2-3)

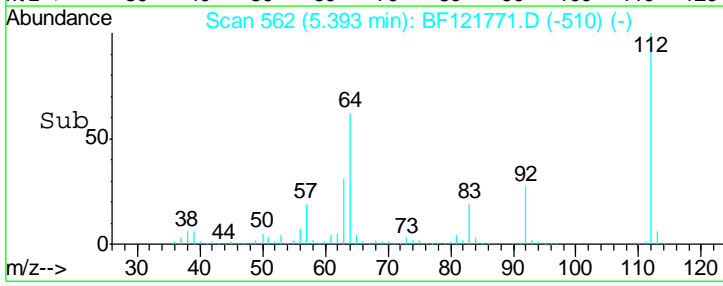
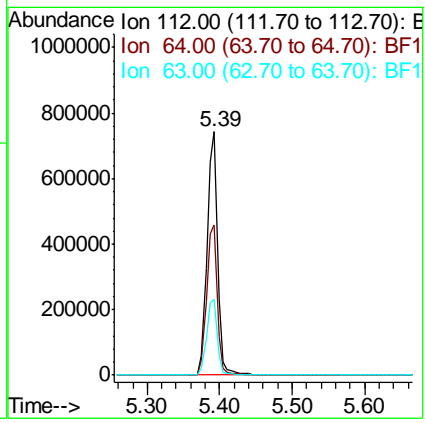
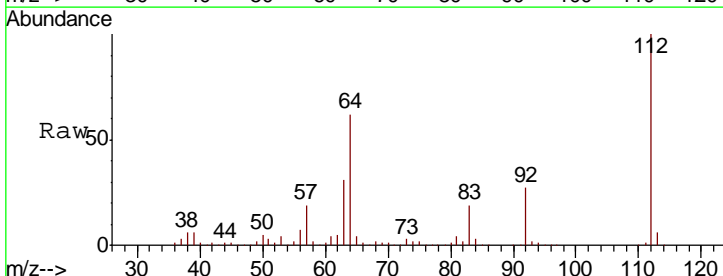
Tgt Ion	Resp	Lower	Upper
152	145342		
150	156.1	125.3	187.9
115	61.2	51.9	77.9

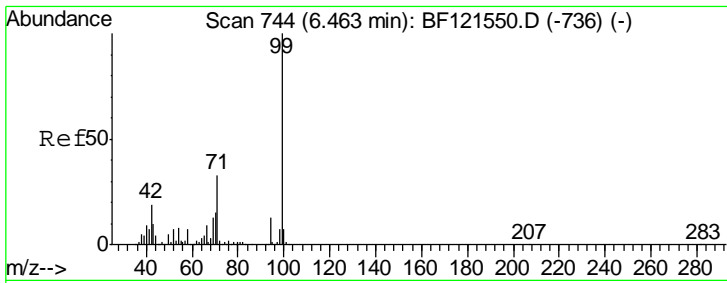
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#5
 2-Fluorophenol
 Concen: 76.618 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
112	749315		
64	61.6	50.4	75.6
63	31.3	25.8	38.6



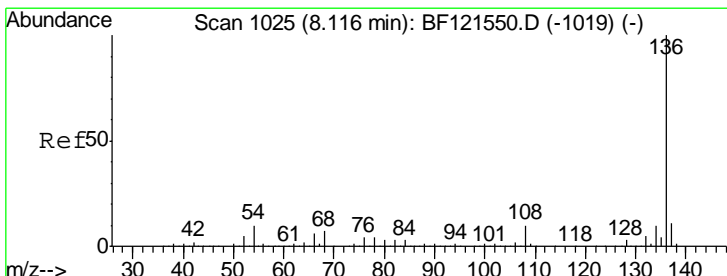
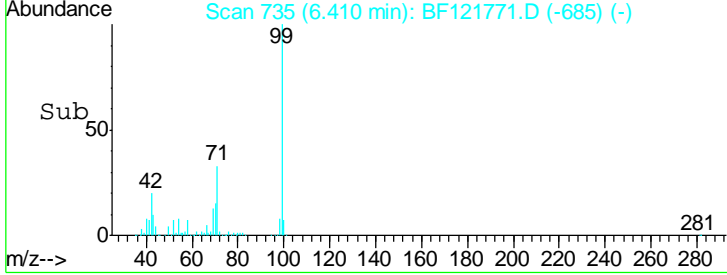
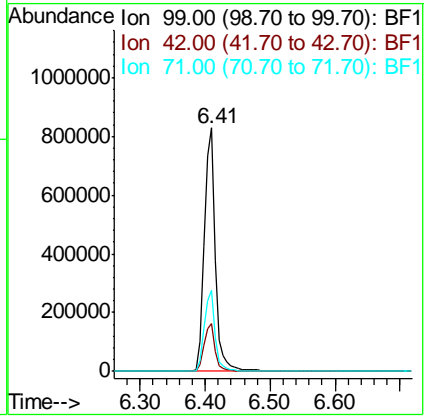
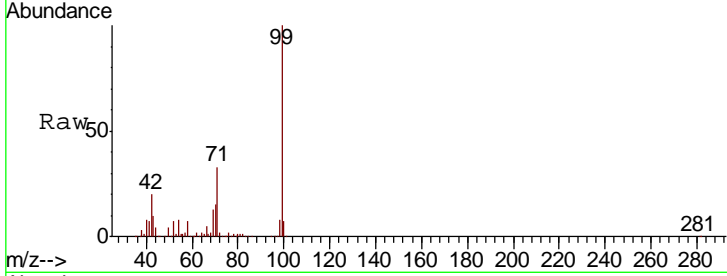


#7
 Phenol-d6
 Concen: 76.071 ng
 RT: 6.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
ClientSampled :
 B-9(2-3)

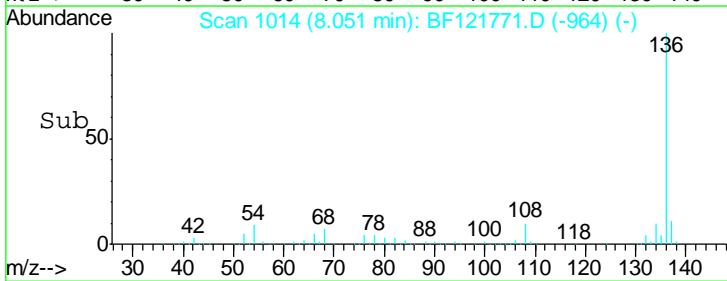
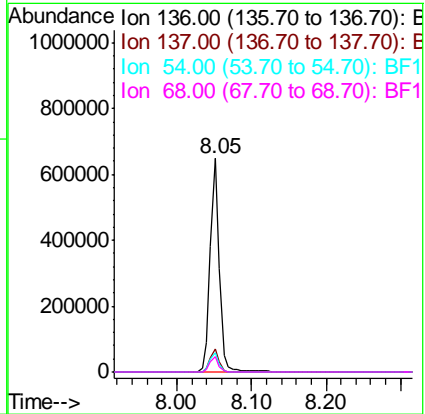
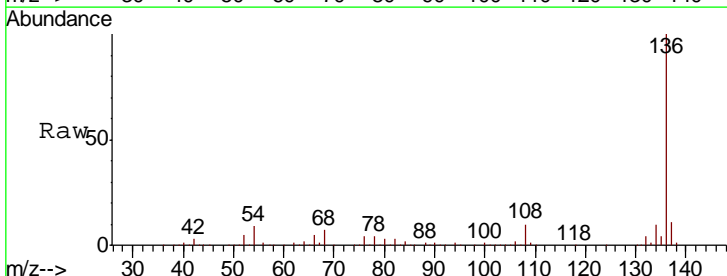
Tgt Ion	Resp	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	33.2	27.1	40.7

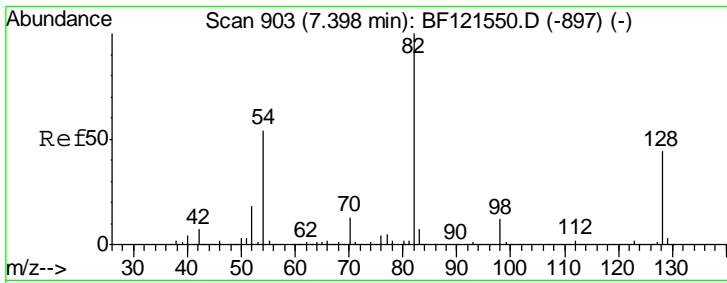
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.8	7.1	10.7
68	7.0	5.0	7.4



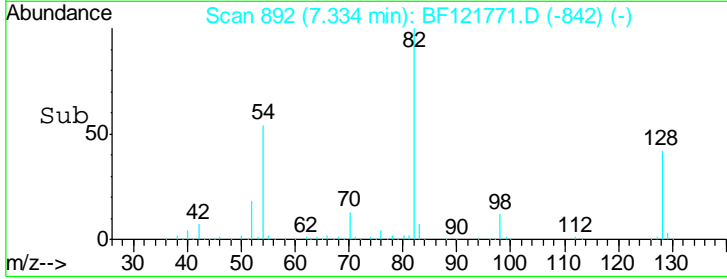
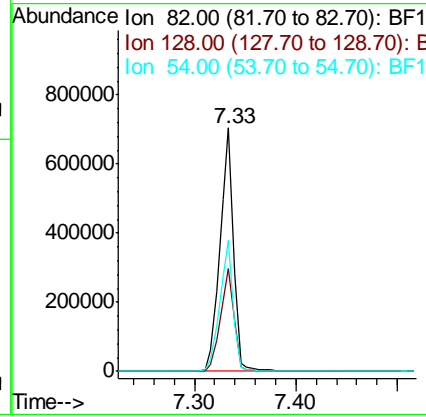
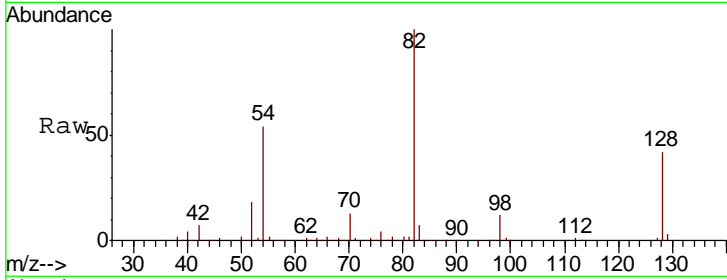


#23
 Nitrobenzene-d5
 Concen: 63.507 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
ClientSampled :
 B-9(2-3)

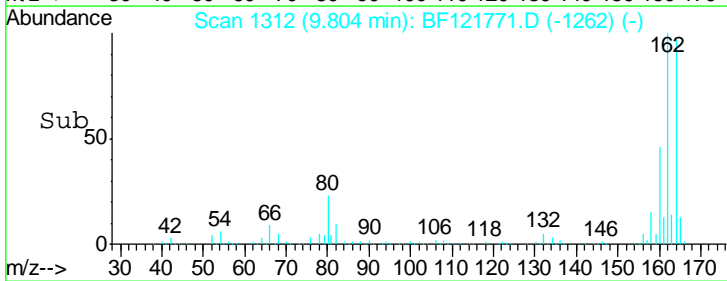
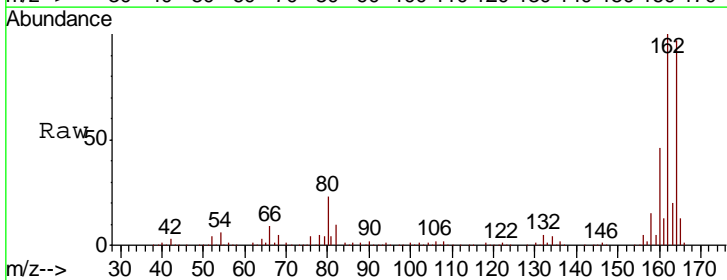
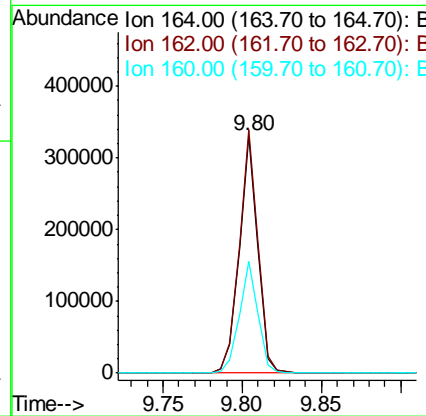
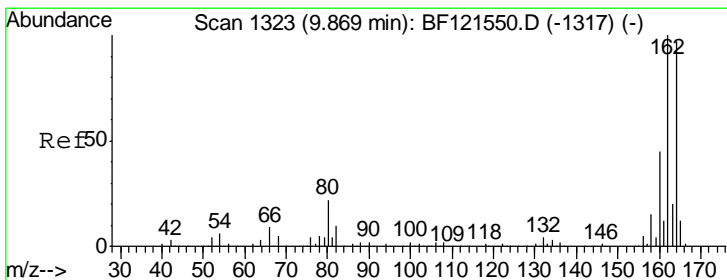
Tgt Ion	Resp	Lower	Upper
82	100		
128	42.4	35.0	52.4
54	53.9	43.9	65.9

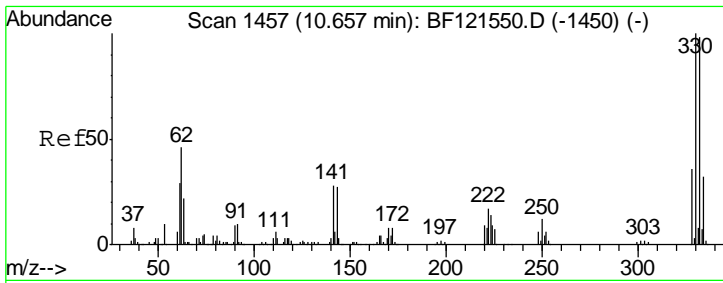
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

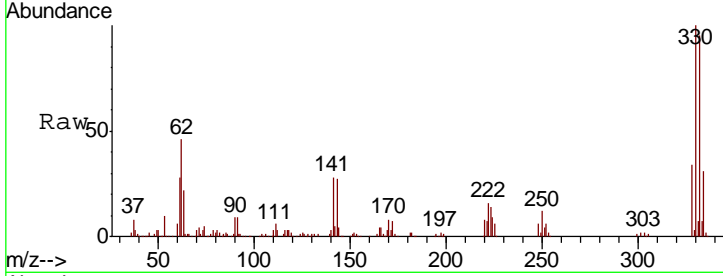
Tgt Ion	Resp	Lower	Upper
164	100		
162	102.6	83.2	124.8
160	47.2	37.5	56.3





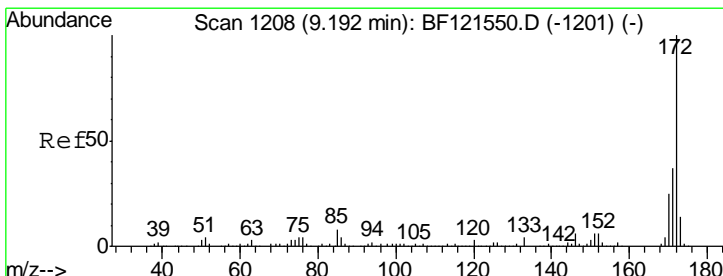
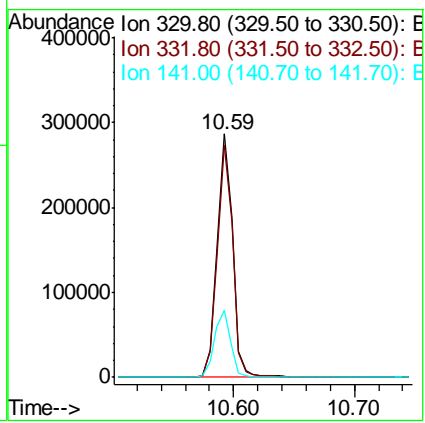
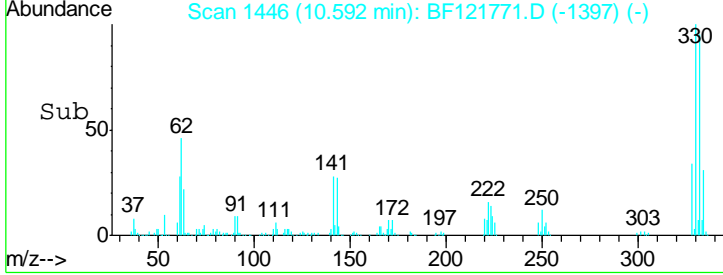
#42
 2,4,6-Tribromophenol
 Concen: 75.571 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
ClientSampled :
 B-9(2-3)

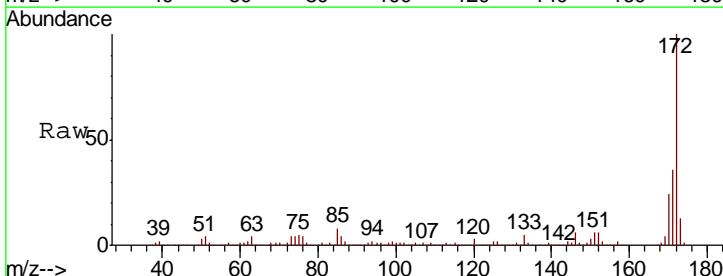


Tgt Ion	Resp	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	28.8	22.3	33.5

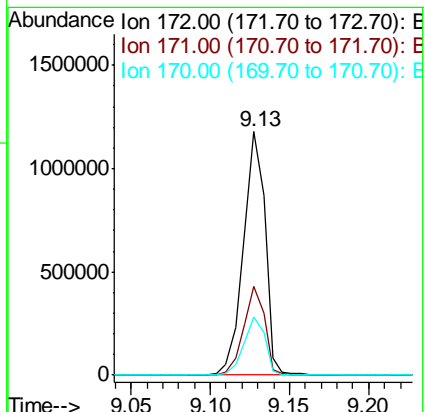
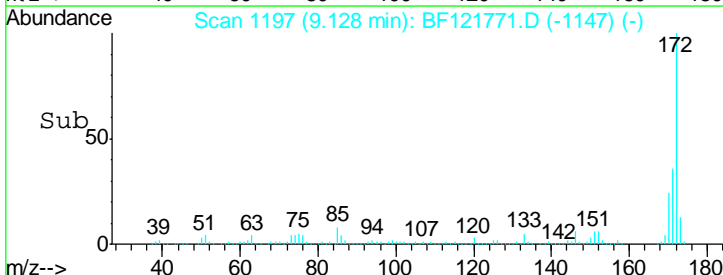
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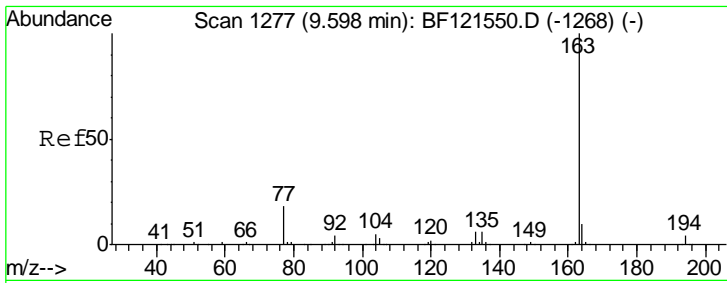


#45
 2-Fluorobiphenyl
 Concen: 63.051 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11



Tgt Ion	Resp	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	23.8	19.8	29.6



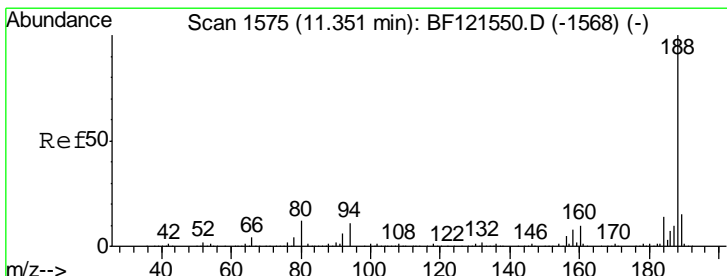
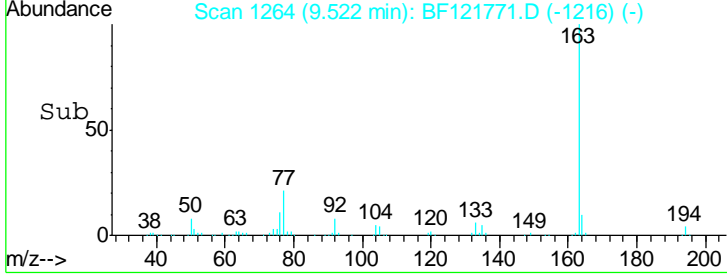
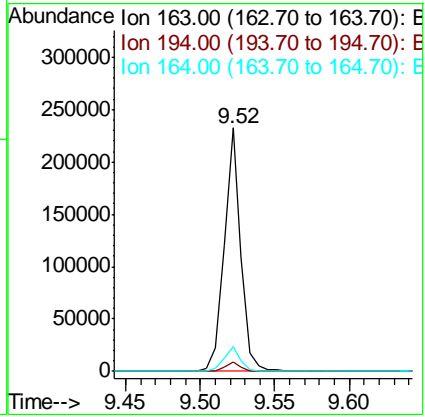
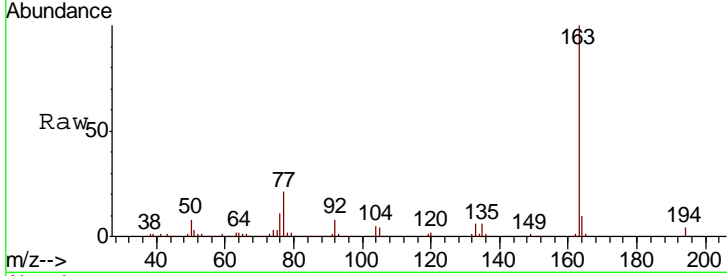


#50
 Dimethylphthalate
 Concen: 9.377 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
 ClientSampled :
 B-9(2-3)

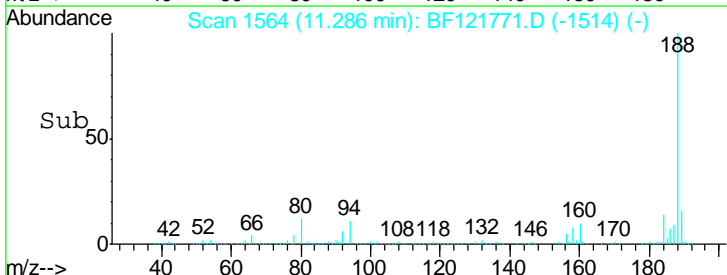
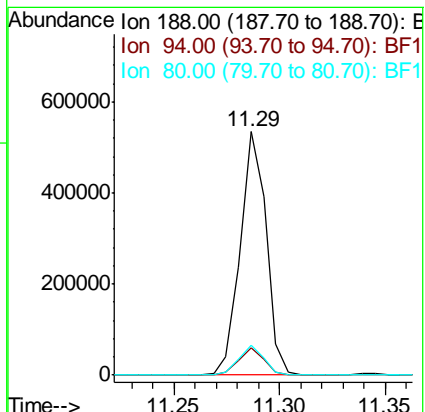
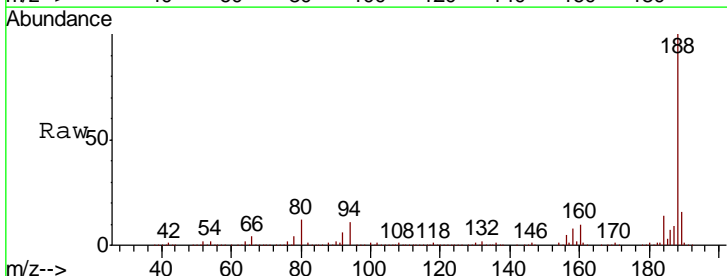
Tgt Ion	Resp	Lower	Upper
163	182009		
194	4.0	3.3	4.9
164	10.3	8.2	12.4

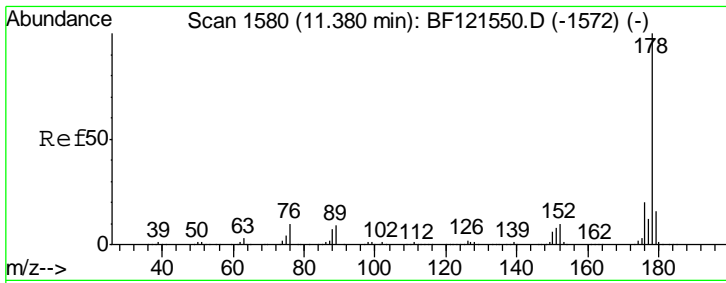
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
188	453189		
94	11.2	8.3	12.5
80	12.0	9.1	13.7





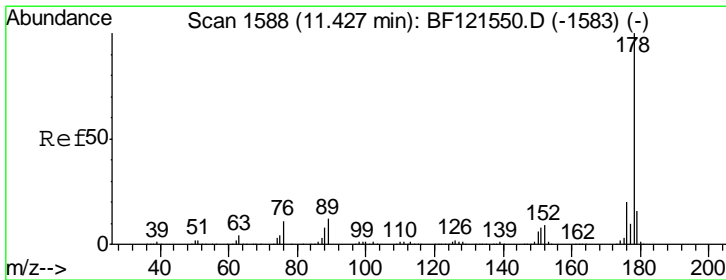
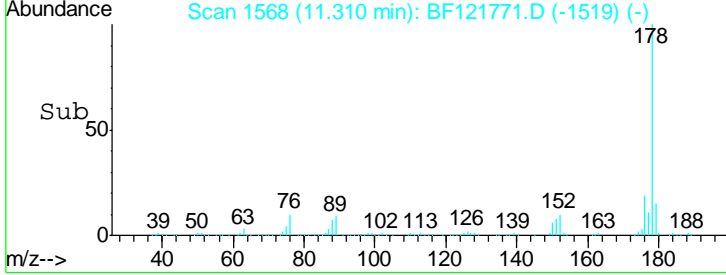
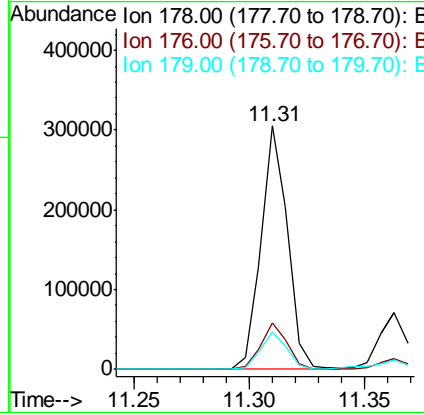
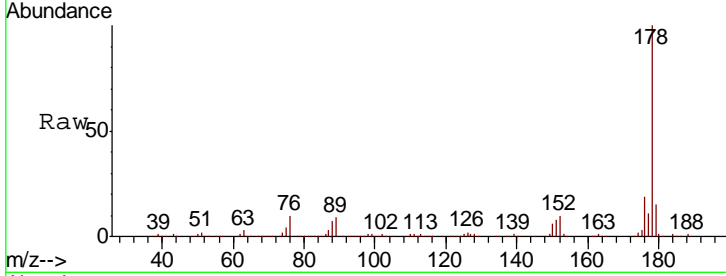
#71
 Phenanthrene
 Concen: 9.912 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
 ClientSampled :
 B-9(2-3)

Tgt Ion	Resp	Lower	Upper
178	244733		
176	18.9	15.9	23.9
179	15.2	12.2	18.4

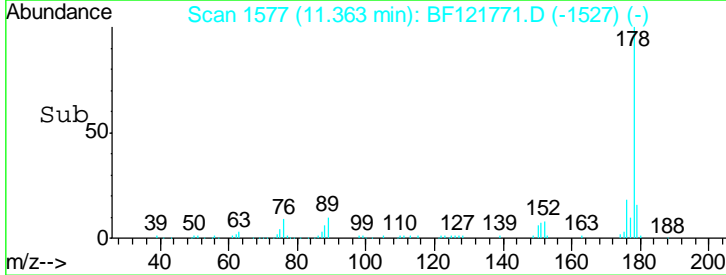
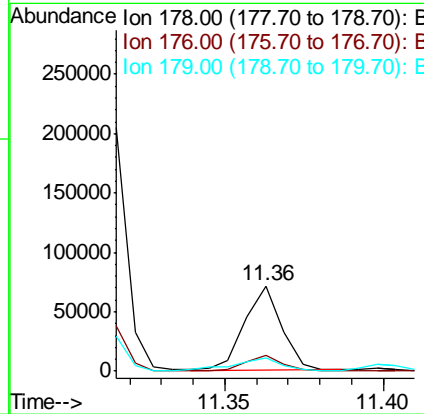
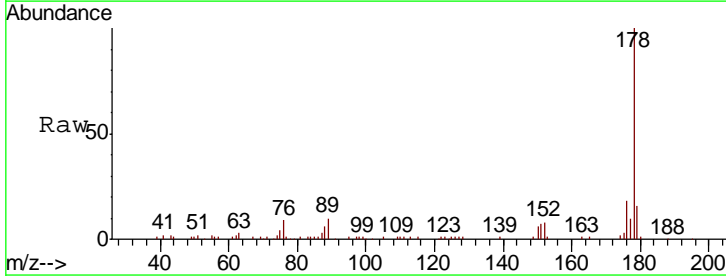
Manual Integrations
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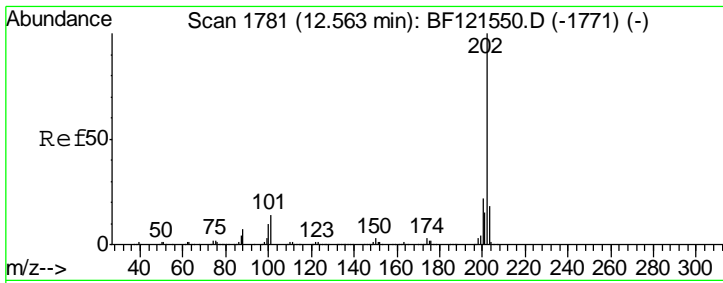
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#72
 Anthracene
 Concen: 2.261 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
178	57604		
176	18.0	15.7	23.5
179	15.8	12.7	19.1





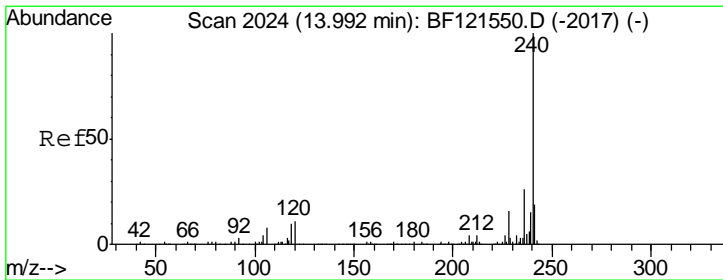
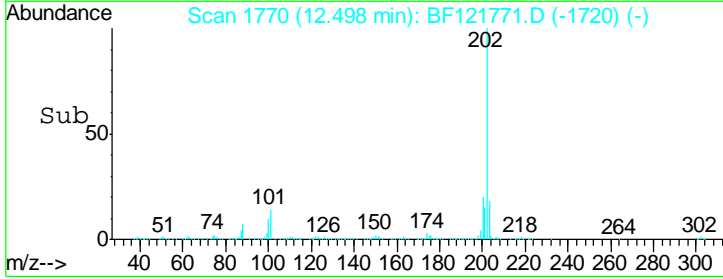
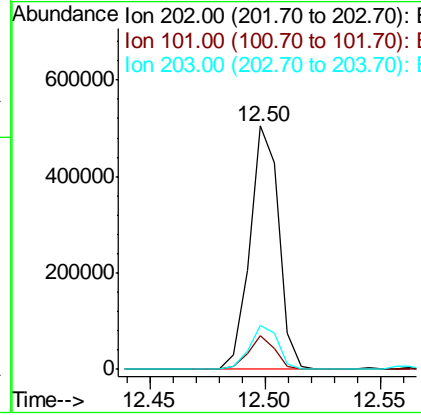
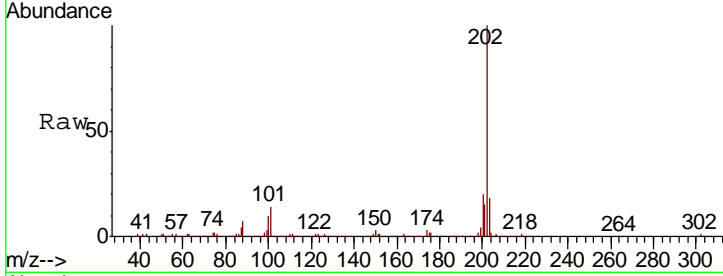
#75
 Fluoranthene
 Concen: 16.716 ng
 RT: 12.50 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
ClientSampled :
 B-9(2-3)

Tgt Ion	Resp	Lower	Upper
202	100		
101	13.6	0.0	33.4
203	17.9	0.0	37.9

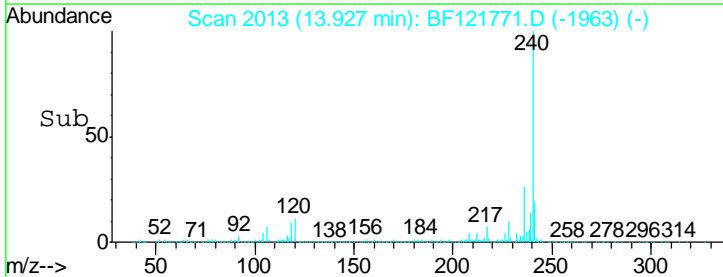
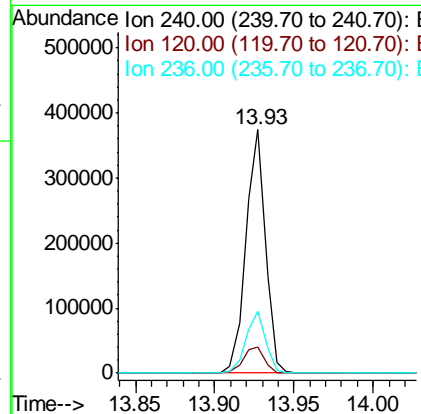
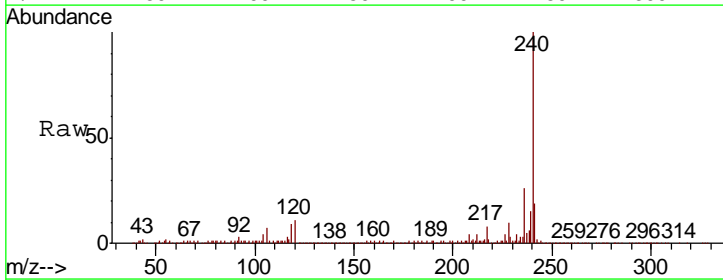
Manual Integrations
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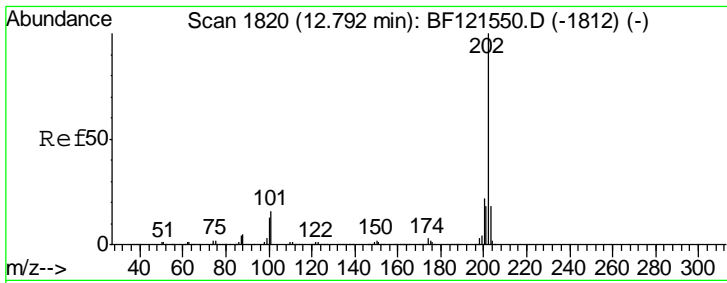
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
240	100		
120	10.8	9.2	13.8
236	25.6	20.9	31.3





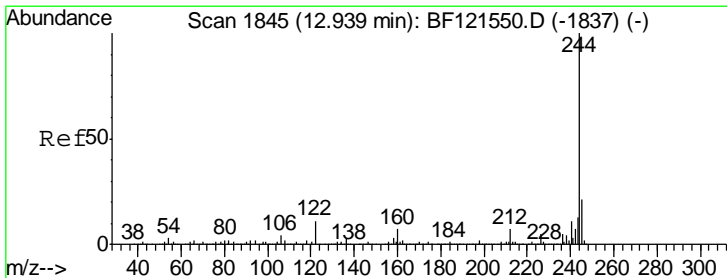
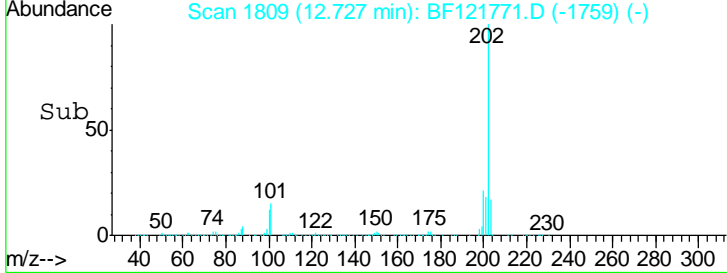
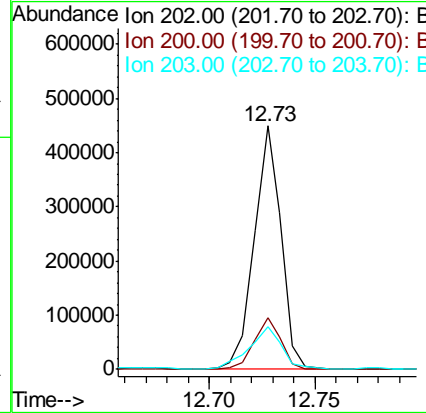
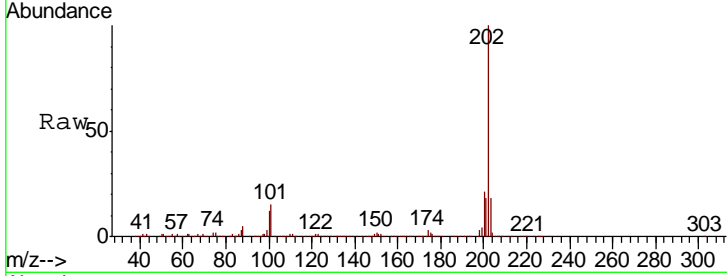
#78
 Pyrene
 Concen: 17.101 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
ClientSampled :
 B-9(2-3)

Tgt Ion	Resp	Lower	Upper
202	395903		
200	21.3	17.4	26.2
203	17.5	14.6	21.8

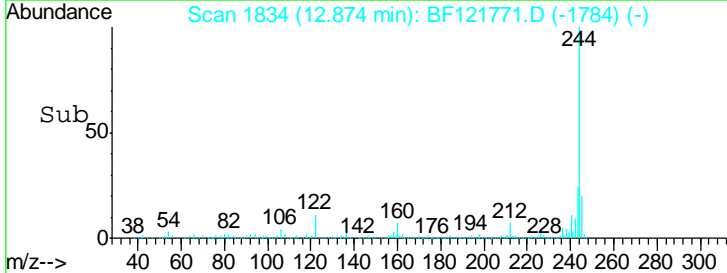
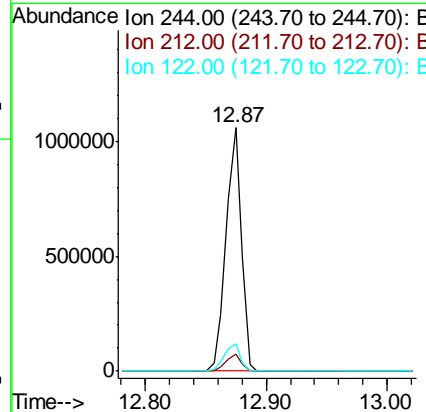
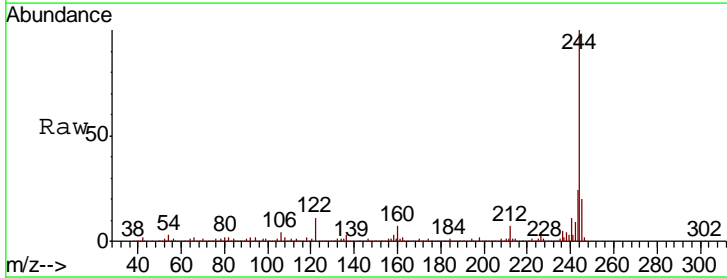
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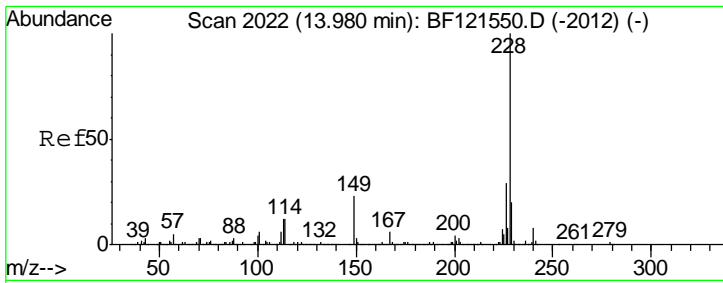
mohammad
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#79
 Terphenyl-d14
 Concen: 59.393 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
244	928950		
212	7.0	5.4	8.2
122	11.0	8.1	12.1





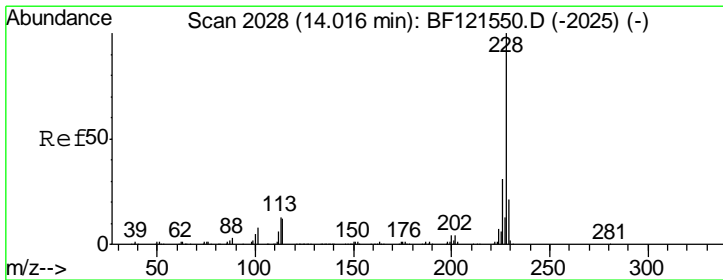
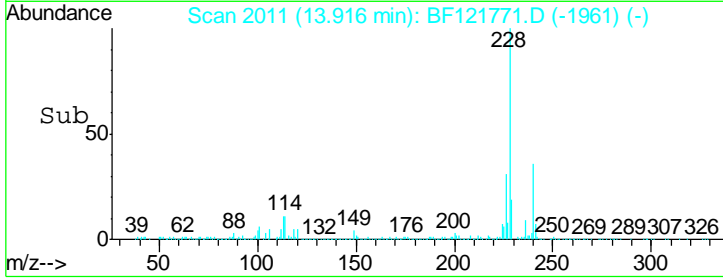
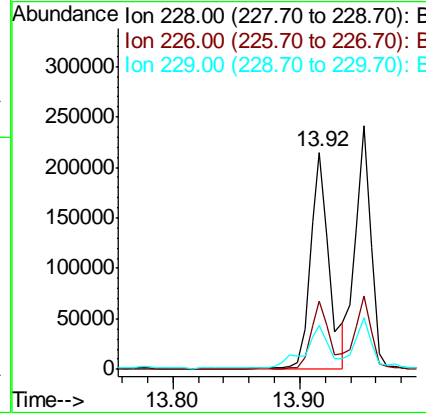
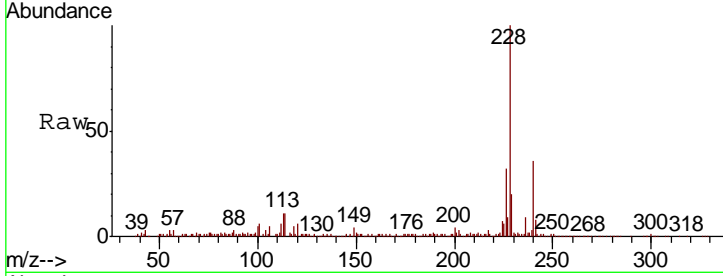
#81
 Benzo(a)anthracene
 Concen: 11.059 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
 ClientSampled :
 B-9(2-3)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.3	33.5
229	20.2	16.2	24.4

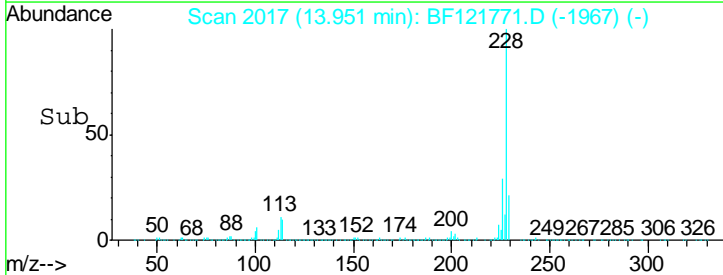
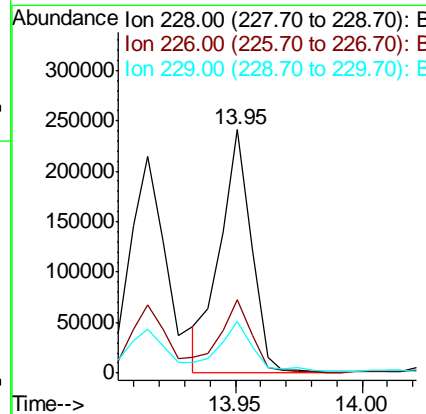
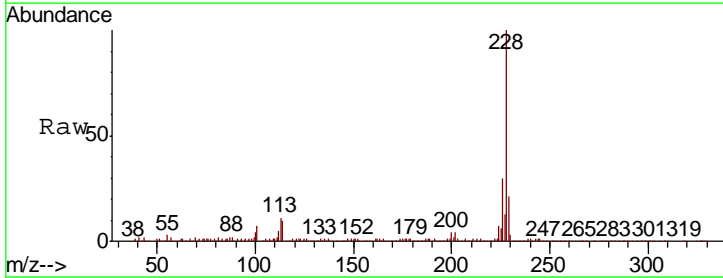
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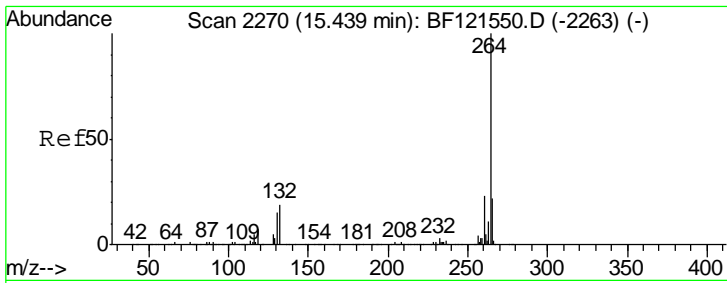
mohammad
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#83
 Chrysene
 Concen: 10.145 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	21.5	15.9	23.9



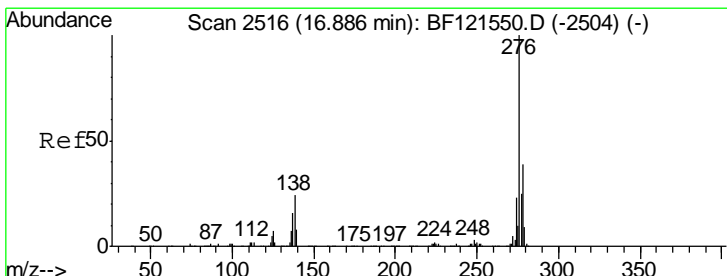
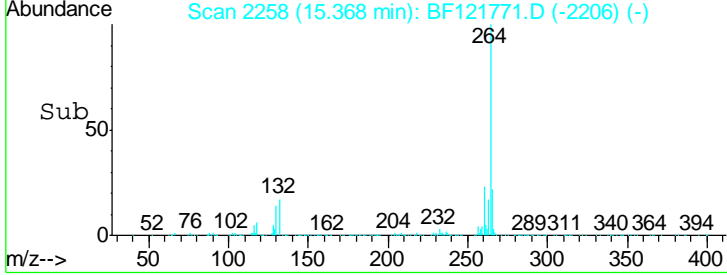
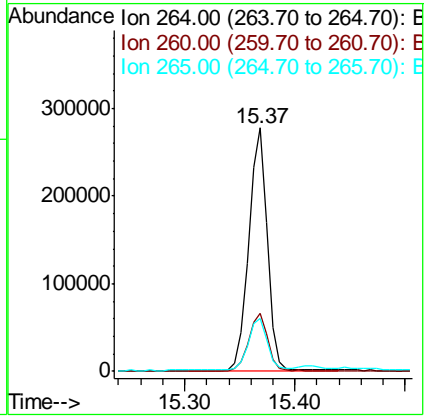
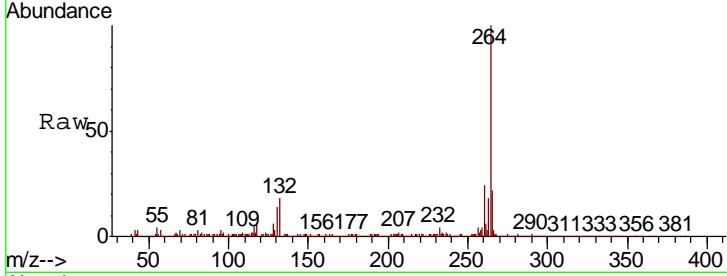


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
ClientSampled :
 B-9(2-3)

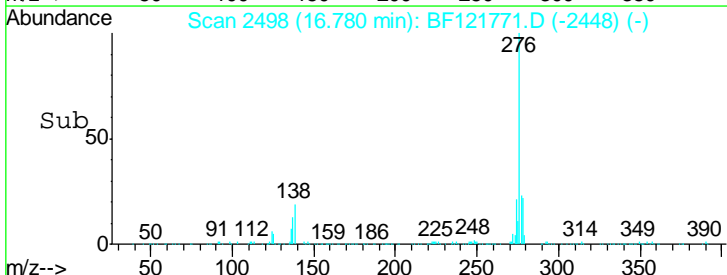
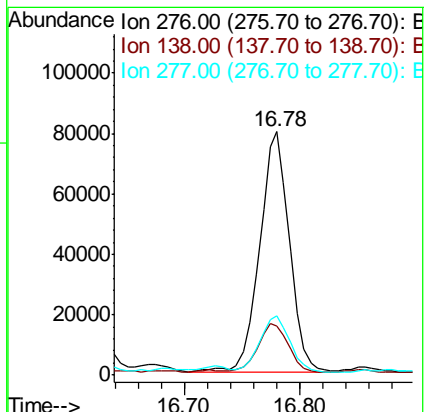
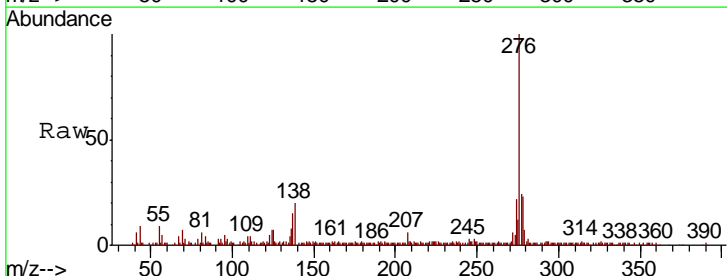
Tgt Ion	Resp	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	17.3	25.9

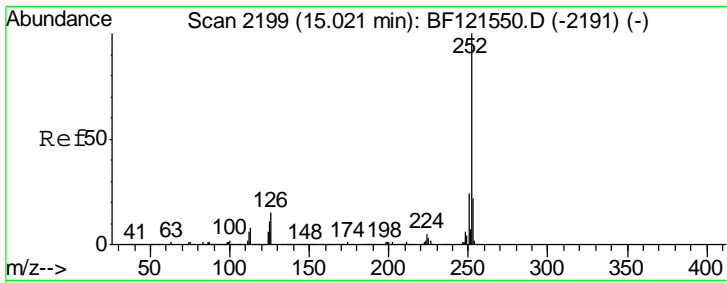
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#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.734 ng
 RT: 16.78 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
276	100		
138	20.5	19.9	29.9
277	23.4	20.4	30.6





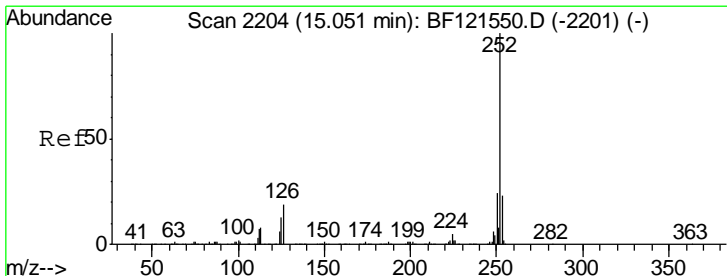
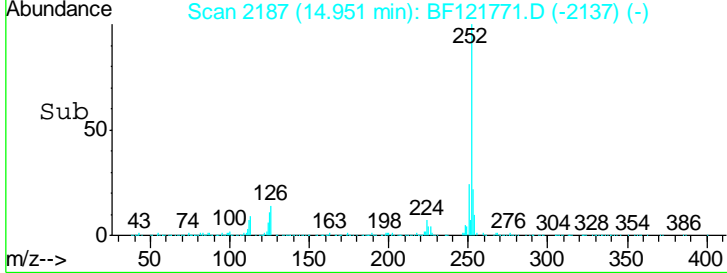
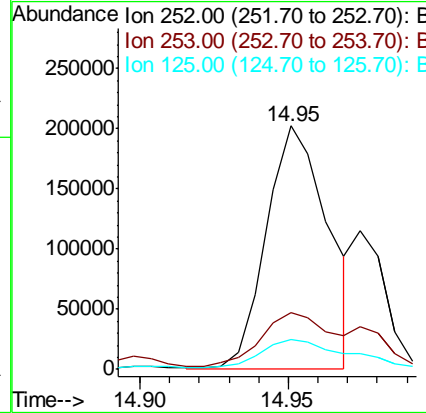
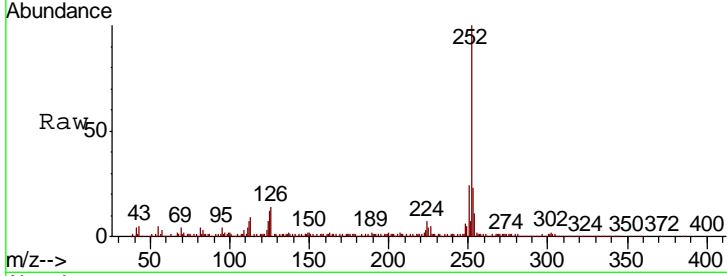
#88
 Benzo(b)fluoranthene
 Concen: 13.327 ng m
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
 ClientSampled :
 B-9(2-3)

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	12.2	8.0	12.0#

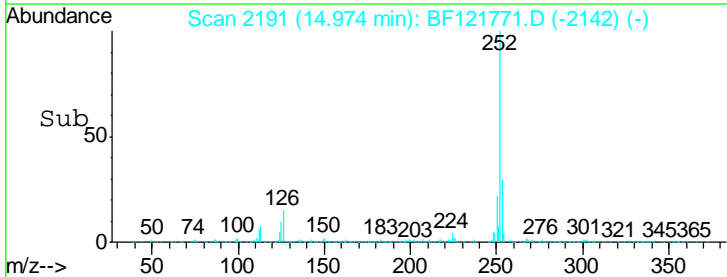
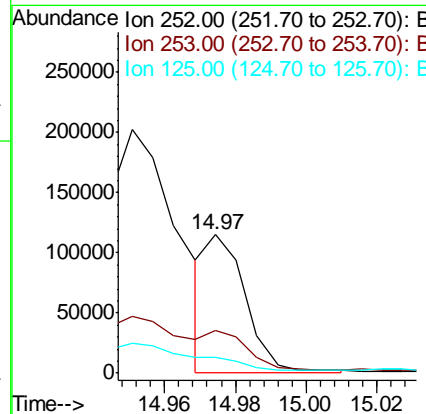
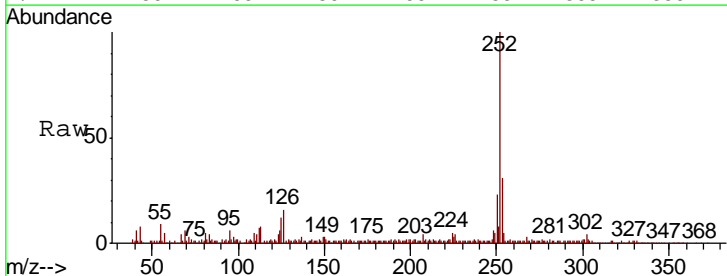
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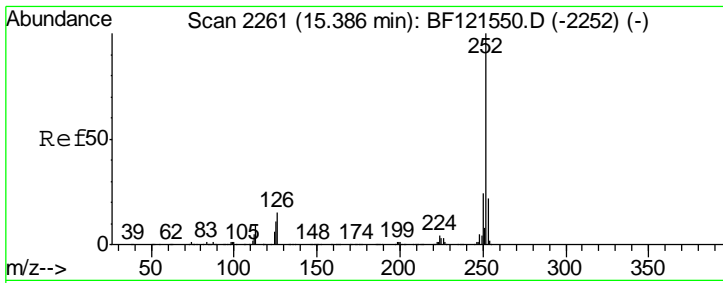
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#89
 Benzo(k)fluoranthene
 Concen: 4.467 ng m
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
252	100		
253	30.7	17.8	26.6#
125	11.6	7.7	11.5#





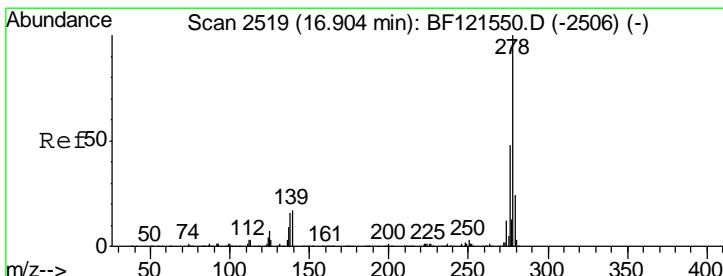
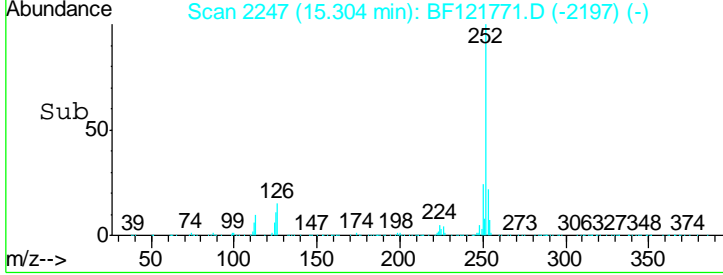
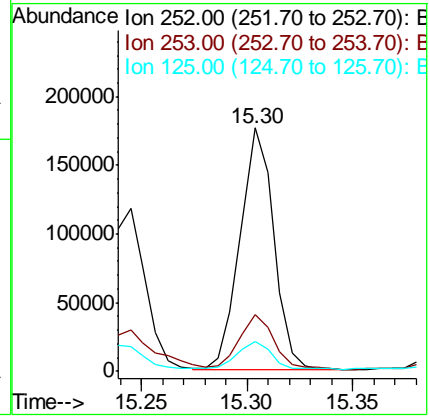
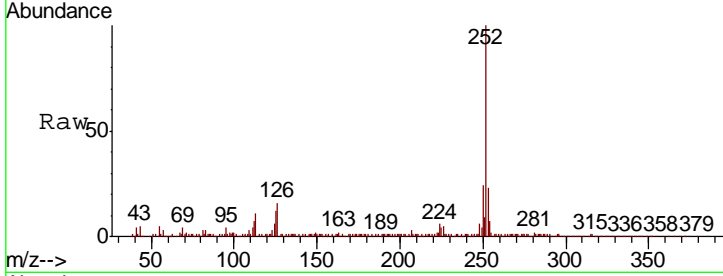
#90
 Benzo(a)pyrene
 Concen: 10.457 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
 ClientSampled :
 B-9(2-3)

Tgt Ion	Resp	Lower	Upper
252	194547		
253	23.5	17.3	25.9
125	12.2	8.6	13.0

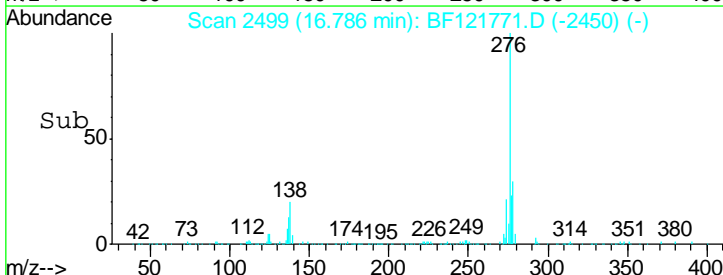
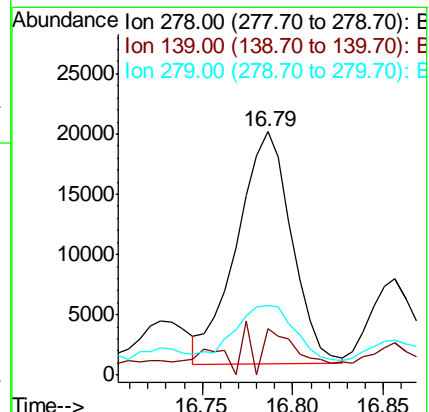
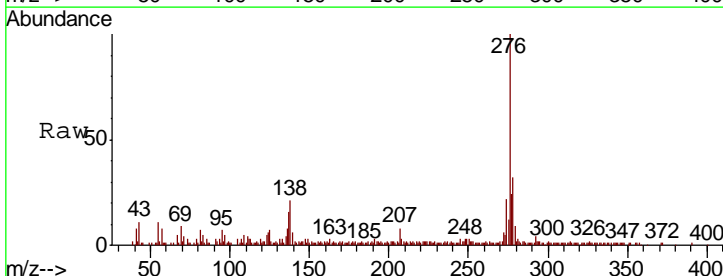
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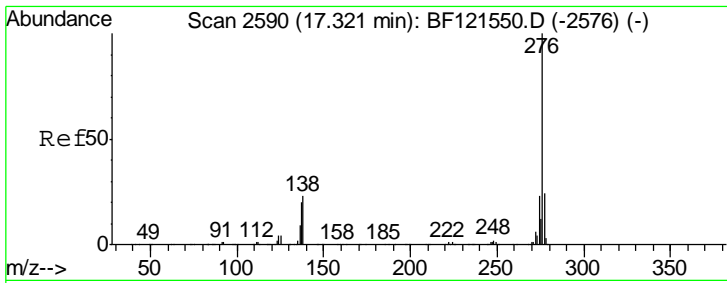
mohammad
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#91
 Dibenzo(a,h)anthracene
 Concen: 2.284 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Tgt Ion	Resp	Lower	Upper
278	40531		
278	100		
139	18.9	13.0	19.4
279	28.8	19.0	28.4#





#92
 Benzo(a,h,i)perylene
 Concen: 7.472 ng
 RT: 17.21 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BF121771.D
 Acq: 1 Oct 2020 17:11

Instrument :
 BNA_F
ClientSampled :
 B-9(2-3)

Tot Ion	Ion	Ratio	Lower	Upper
130364	276	100		
	277	24.6	19.4	29.2
	138	20.8	17.8	26.6

Manual Integrations
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