

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001538.D
 Acq On : 06 Jan 2020 19:54
 Operator : JU
 Sample : K6465-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 GP-10-(1-3)

Manual Integrations
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 mohammad
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Quant Time: Jan 07 03:20:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 06 16:38:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	48097	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	179332	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	120864	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	270688	20.00	ng	0.00
76) Chrysene-d12	21.18	240	216002	20.00	ng	0.00
87) Perylene-d12	23.43	264	229078	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	249764	87.24	ng	0.00
7) Phenol-d6	6.89	99	366371	95.01	ng	0.00
23) Nitrobenzene-d5	8.83	82	252938	69.66	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	157432	115.09	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	542992	66.06	ng	0.00
79) Terphenyl-d14	19.66	244	768799	70.93	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.91	94	13719	3.382	ng	95
50) Dimethylphthalate	13.79	163	48506	5.134	ng	99
71) Phenanthrene	17.12	178	298071	20.302	ng	99
72) Anthracene	17.21	178	74779	5.139	ng	98
75) Fluoranthene	19.10	202	569846	32.063	ng	99
78) Pyrene	19.45	202	536990	34.259	ng	99
81) Benzo(a)anthracene	21.16	228	262204	17.300	ng	98
83) Chrysene	21.22	228	230481	15.860	ng	98
86) Indeno(1,2,3-cd)pyrene	25.70	276	128424	7.261	ng	98
88) Benzo(b)fluoranthene	22.76	252	274859	19.378	ng	# 94
89) Benzo(k)fluoranthene	22.80	252	78856m	5.804	ng	
90) Benzo(a)pyrene	23.33	252	201955	15.211	ng	97
91) Dibenzo(a,h)anthracene	25.71	278	34699	2.630	ng	# 89
92) Benzo(g,h,i)perylene	26.39	276	124009	9.422	ng	97

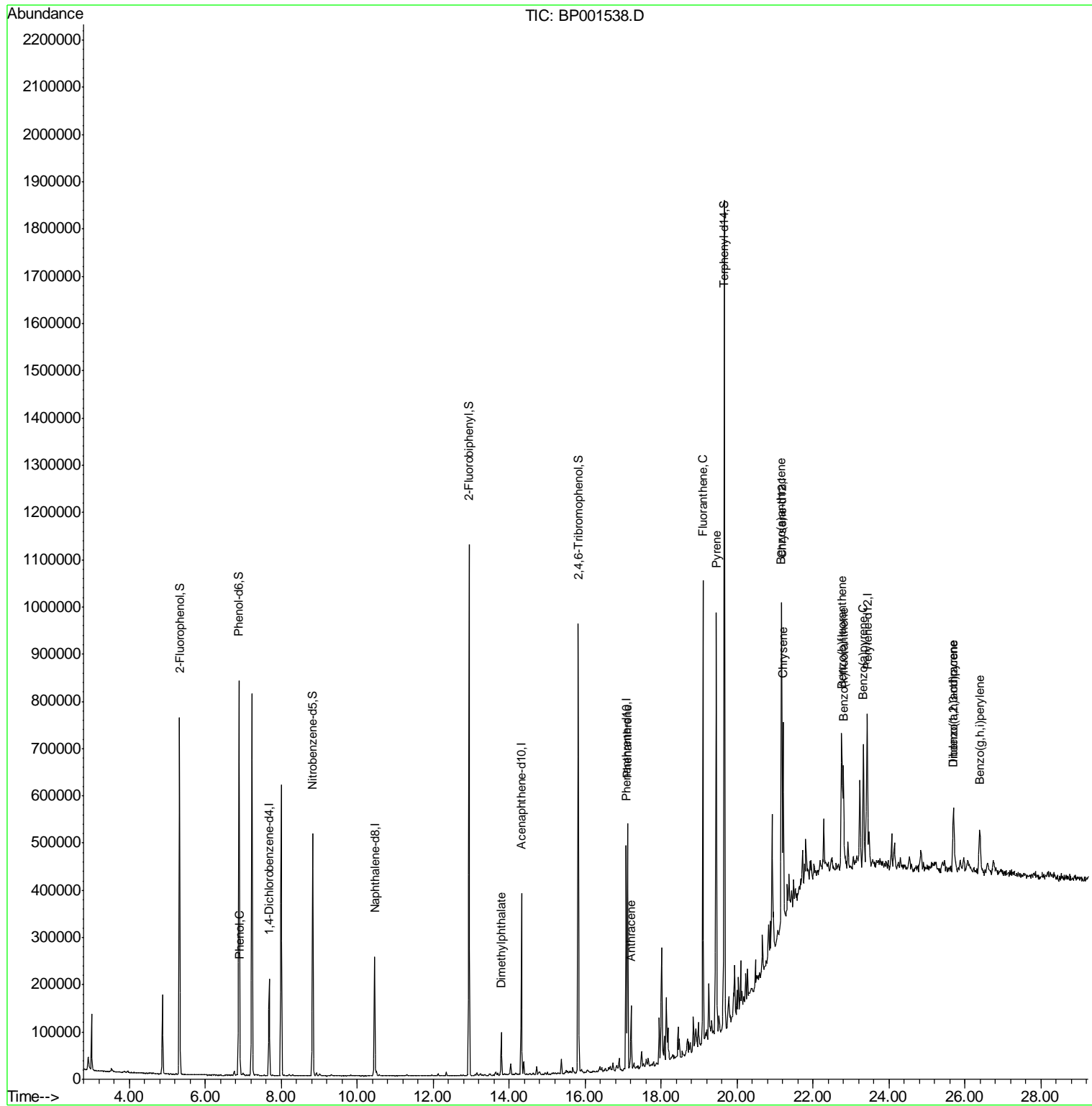
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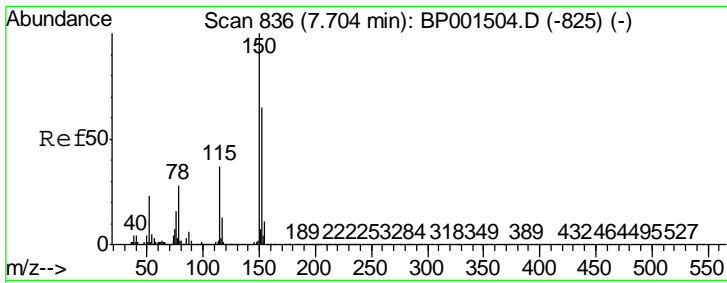
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
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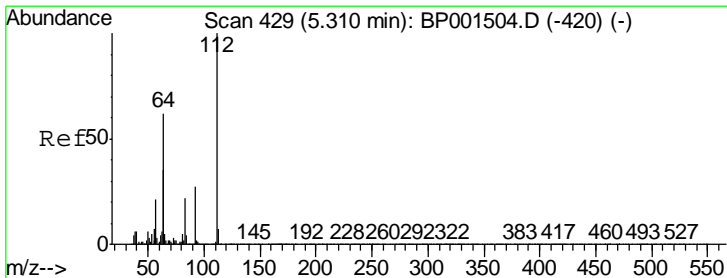
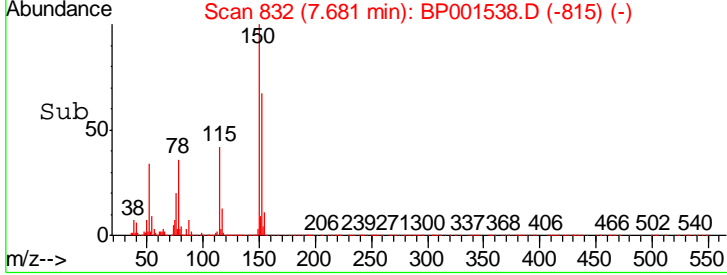
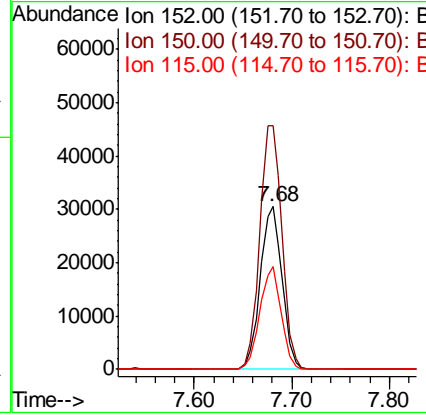
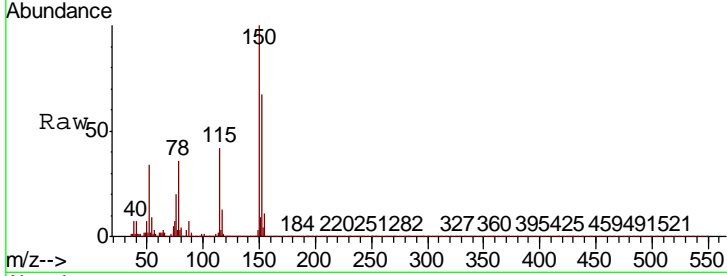
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
152	48097		
150	100	117.9	176.9
115	63.4	50.3	75.5

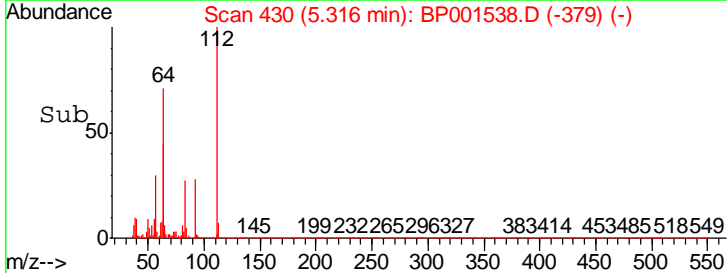
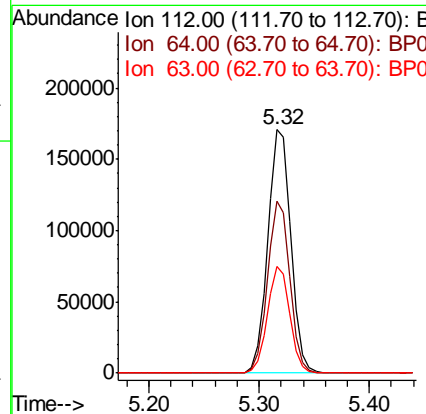
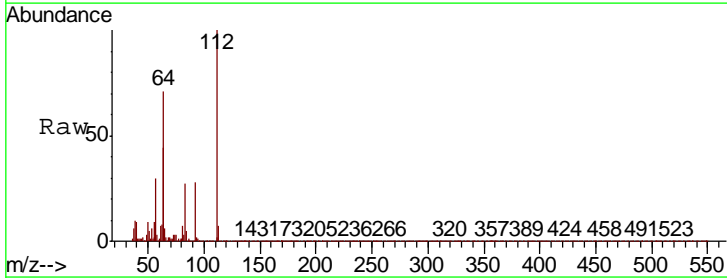
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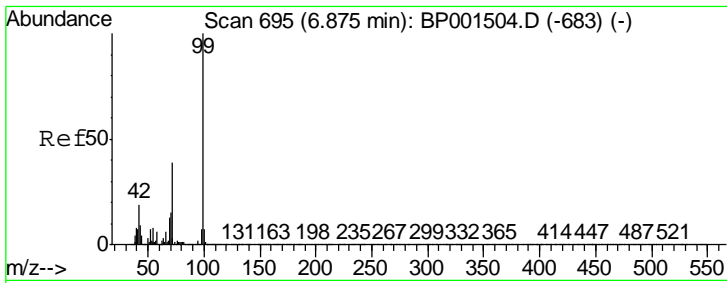
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#5
 2-Fluorophenol
 Concen: 87.242 ng
 RT: 5.32 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
112	249764		
112	100		
64	70.9	52.6	79.0
63	43.9	32.6	48.8





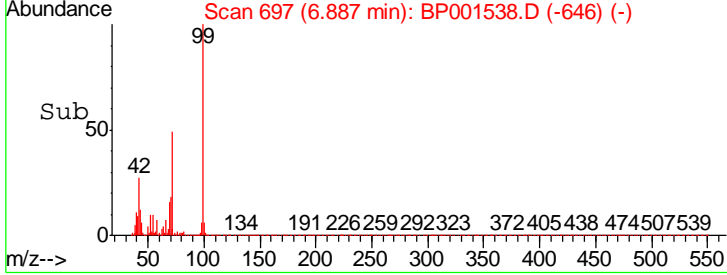
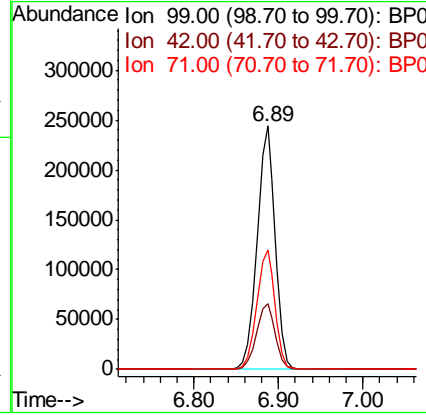
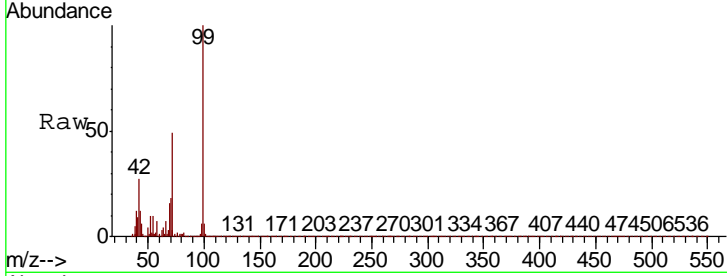
#7
 Phenol-d6
 Concen: 95.011 ng
 RT: 6.89 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
99	366371		
42	27.2	21.2	31.8
71	49.1	40.0	60.0

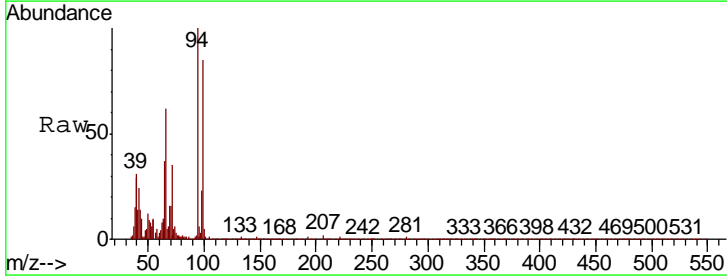
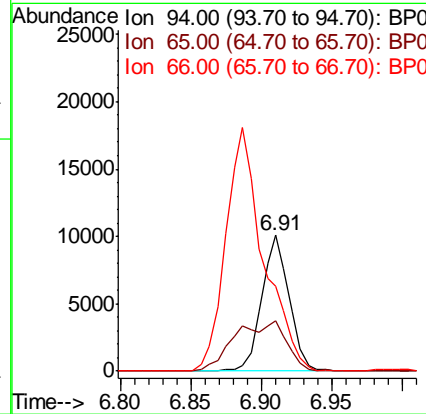
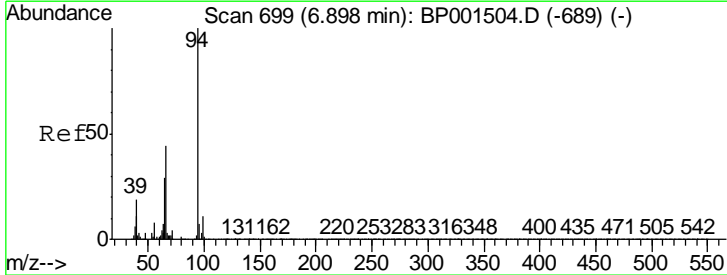
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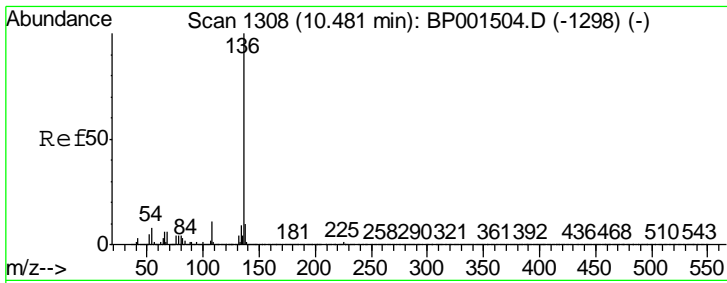
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#10
 Phenol
 Concen: 3.382 ng
 RT: 6.91 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
94	13719		
65	37.1	15.7	55.7
66	62.5	37.8	77.8





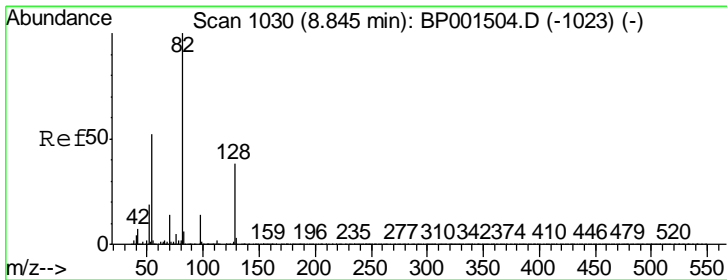
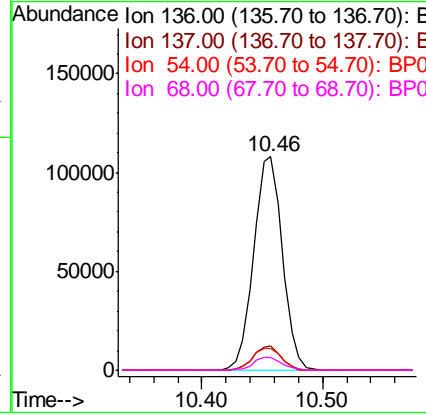
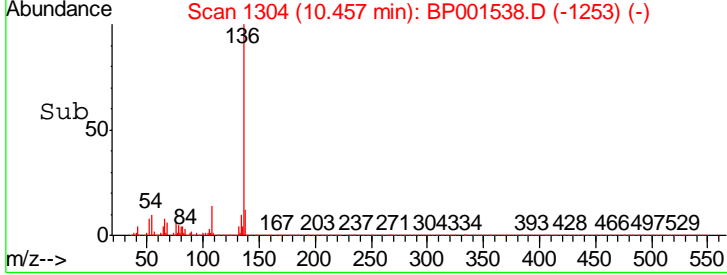
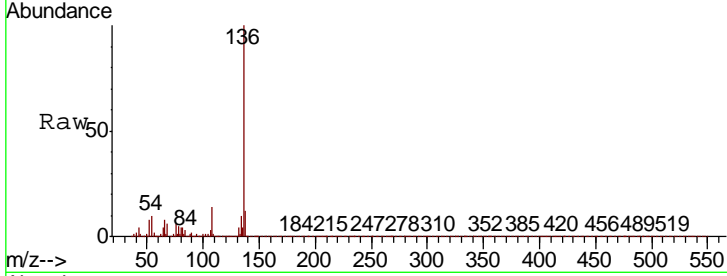
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.46 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
136	179332		
137	11.6	8.4	12.6
54	10.5	8.4	12.6
68	5.9	3.8	5.8#

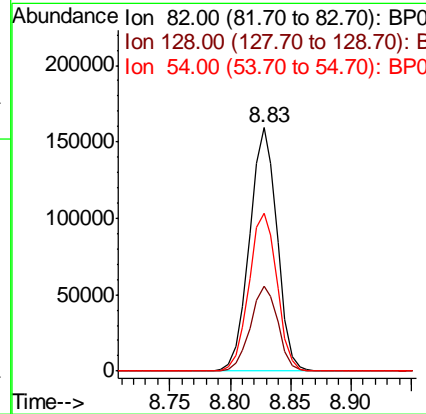
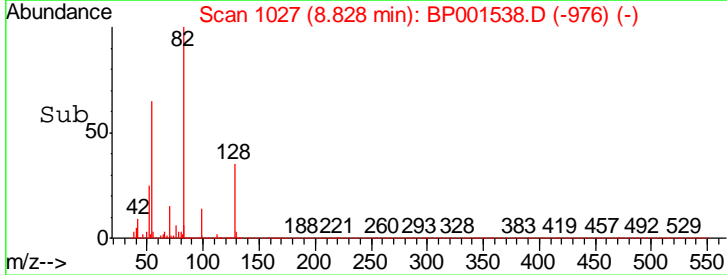
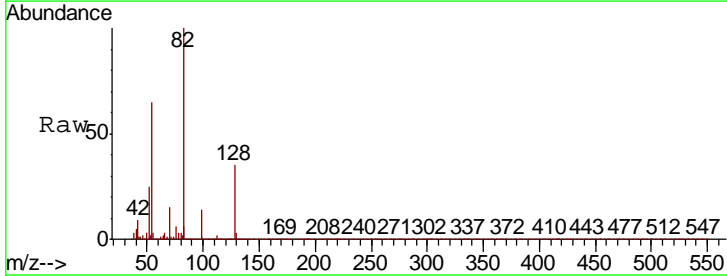
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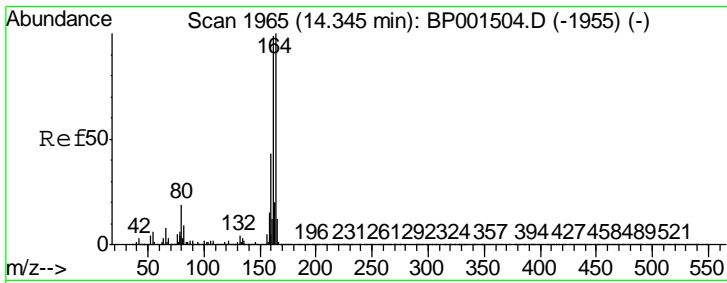
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#23
 Nitrobenzene-d5
 Concen: 69.665 ng
 RT: 8.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
82	252938		
128	34.7	26.9	40.3
54	64.8	51.8	77.8





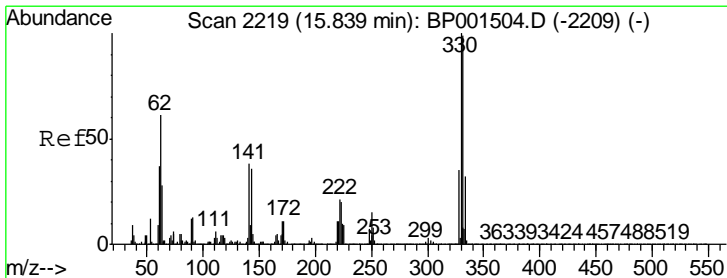
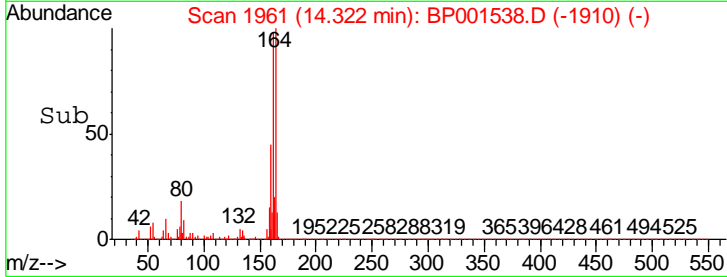
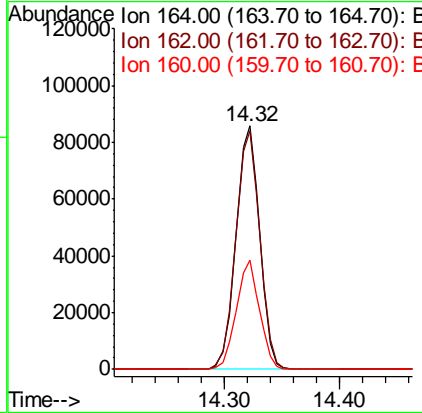
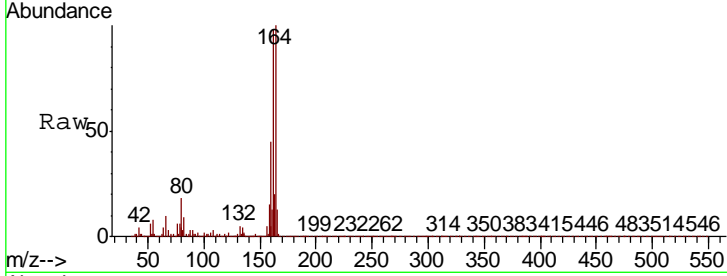
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
164	120864		
162	97.9	79.0	118.4
160	45.1	34.1	51.1

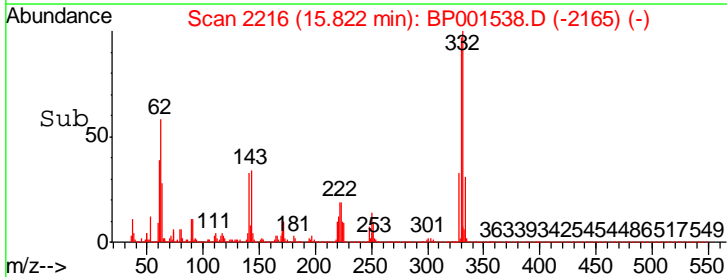
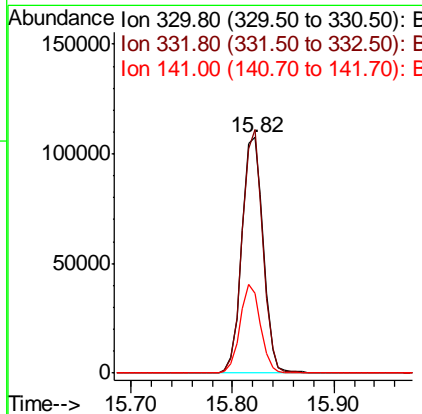
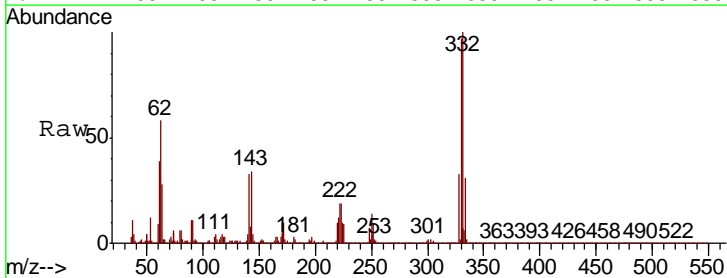
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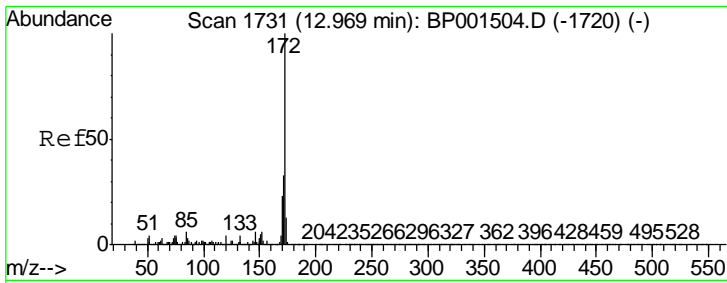
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#42
 2,4,6-Tribromophenol
 Concen: 115.090 ng
 RT: 15.82 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
330	157432		
332	99.0	78.0	117.0
141	36.2	28.7	43.1





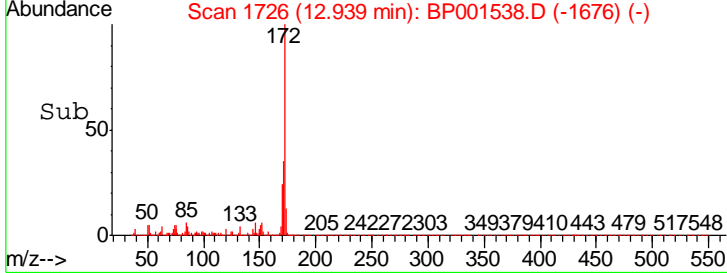
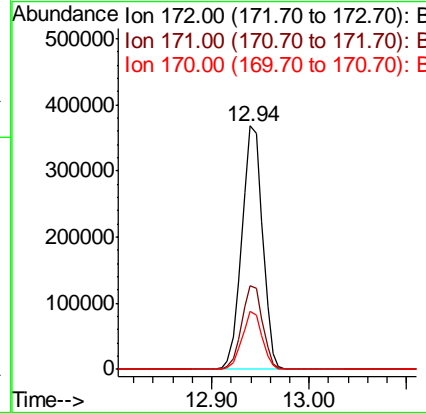
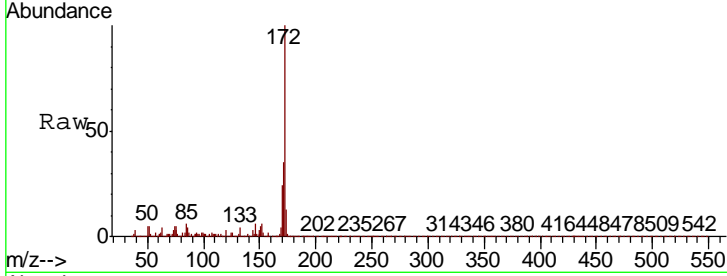
#45
 2-Fluorobiphenyl
 Concen: 66.059 ng
 RT: 12.94 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
172	542992		
171	34.6	28.0	42.0
170	23.7	18.6	27.8

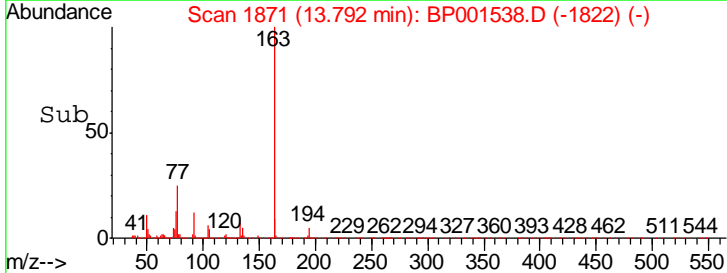
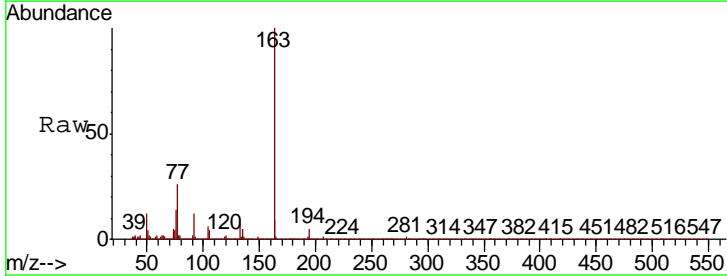
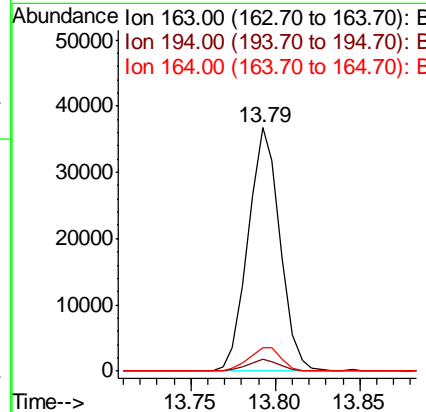
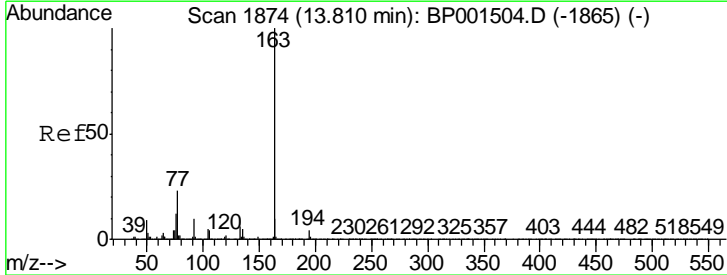
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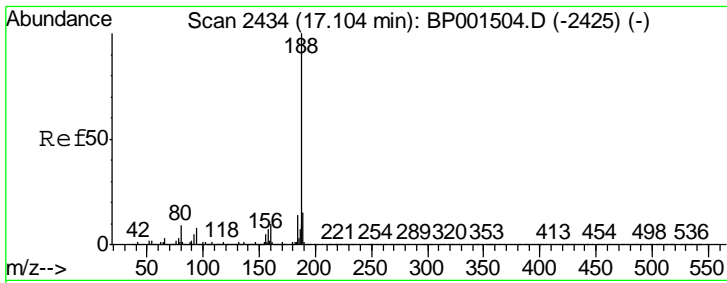
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#50
 Dimethylphthalate
 Concen: 5.134 ng
 RT: 13.79 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
163	48506		
194	5.1	3.5	5.3
164	9.5	7.9	11.9





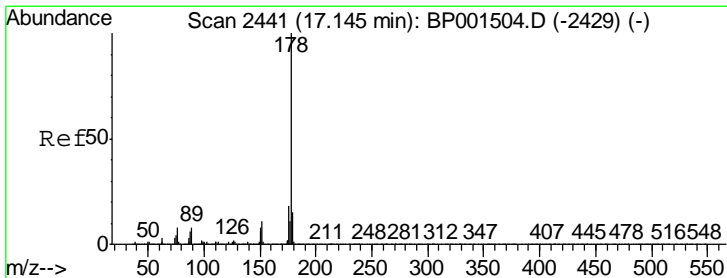
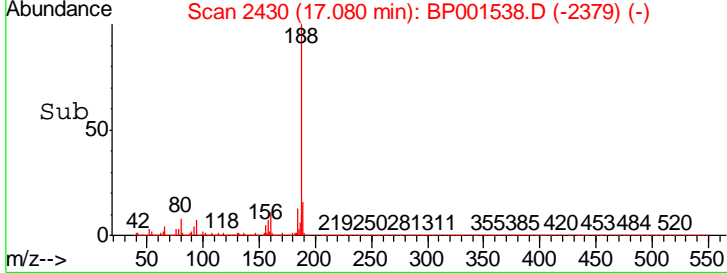
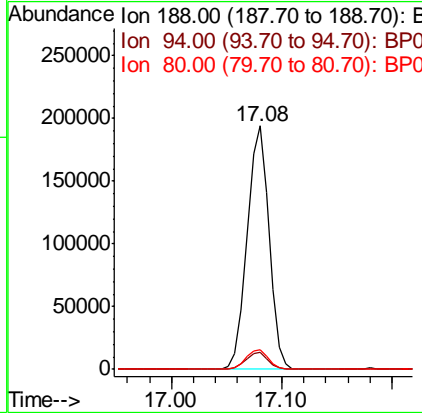
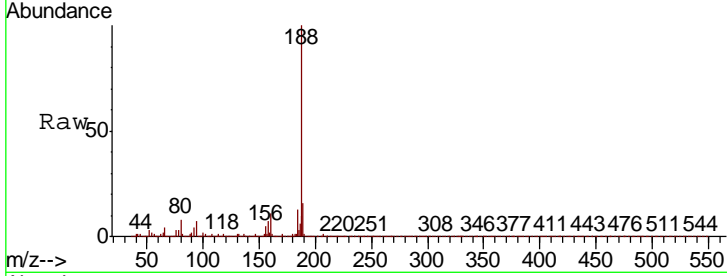
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 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.08 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.4	8.0
80	7.9	6.3	9.5

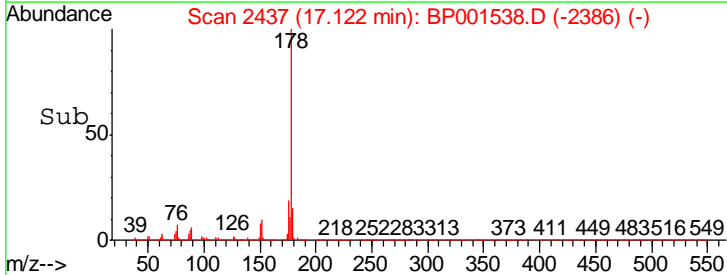
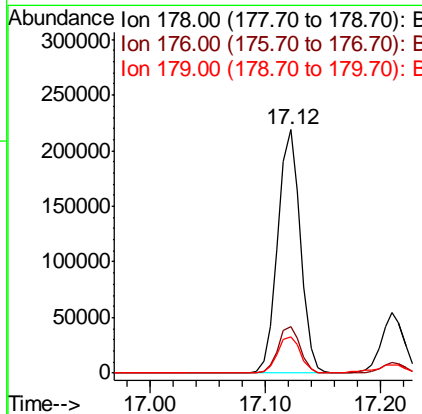
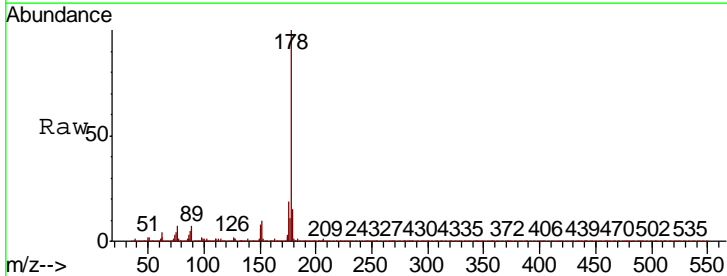
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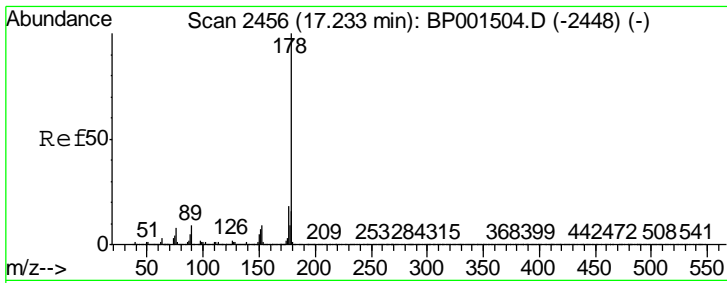
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#71
 Phenanthrene
 Concen: 20.302 ng
 RT: 17.12 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.1	12.2	18.4





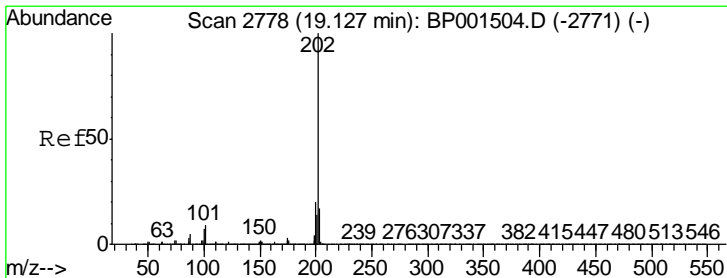
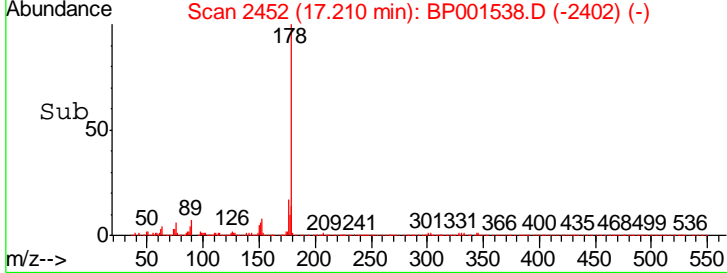
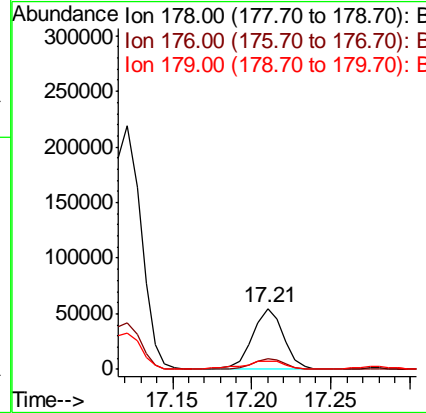
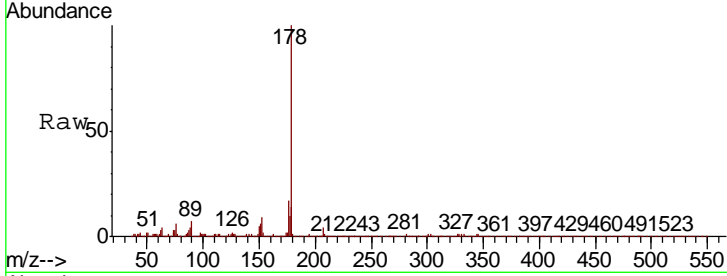
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 Anthracene
 Concen: 5.139 ng
 RT: 17.21 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
 Client Sampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
178	100		
176	17.4	14.7	22.1
179	14.2	12.2	18.2

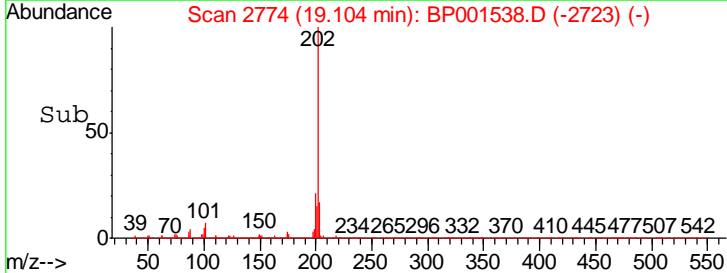
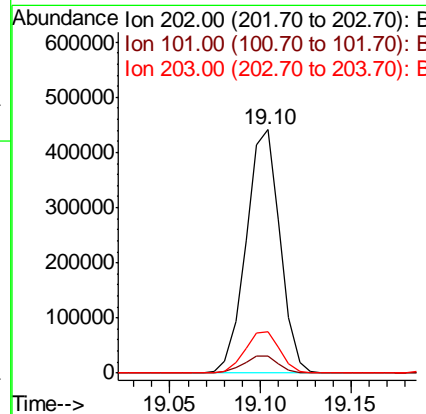
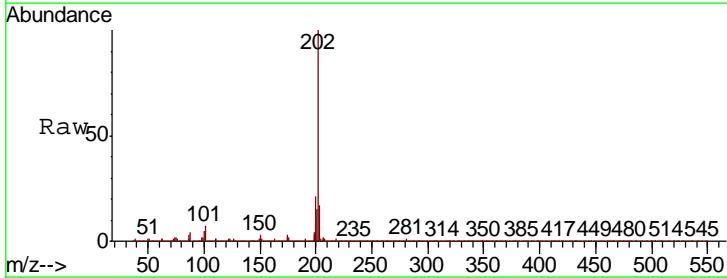
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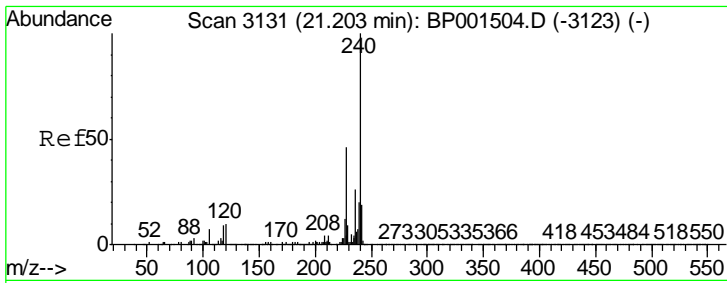
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#75
 Fluoranthene
 Concen: 32.063 ng
 RT: 19.10 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
202	100		
101	7.2	0.0	27.1
203	17.2	0.0	37.6





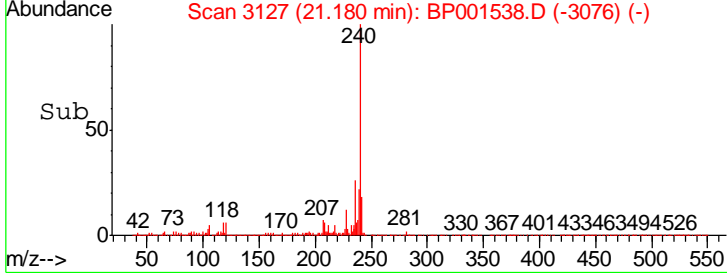
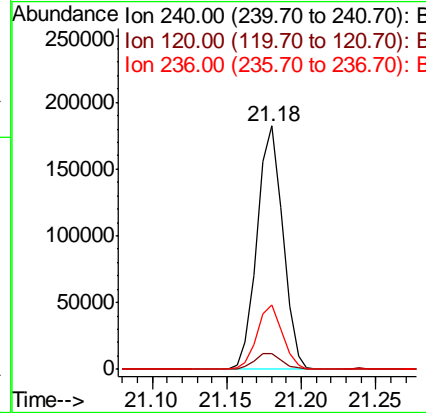
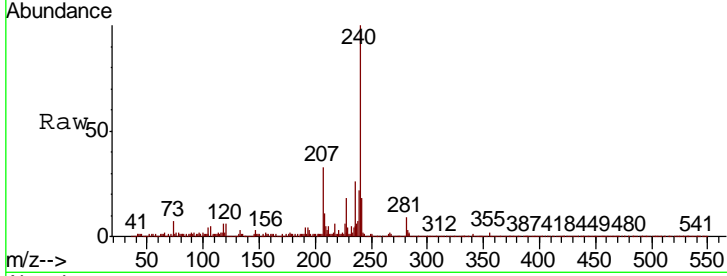
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.18 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
240	216002		
240	100		
120	6.3	5.2	7.8
236	26.3	21.4	32.2

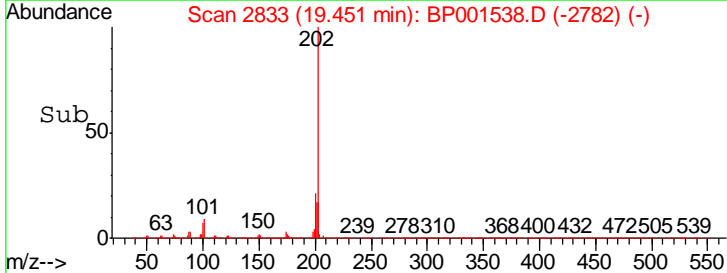
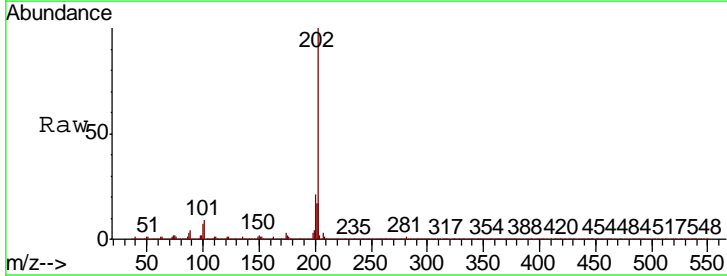
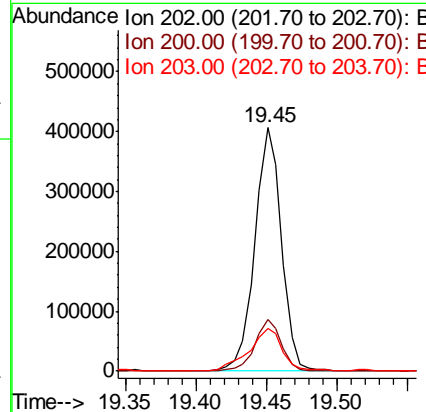
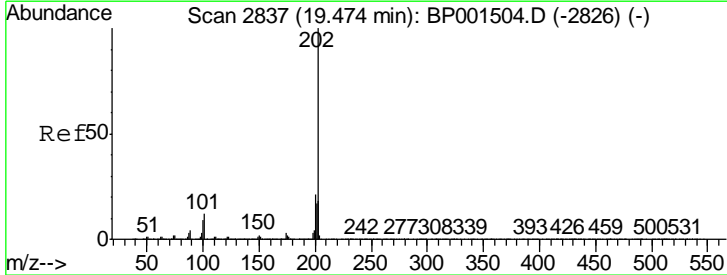
Manual Integrations
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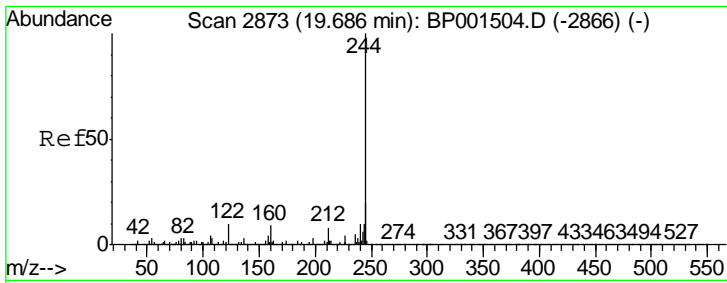
mohammad
 1/7/2020 12:31:34 PM



#78
 Pyrene
 Concen: 34.259 ng
 RT: 19.45 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
202	536990		
202	100		
200	21.1	16.2	24.4
203	17.5	13.6	20.4





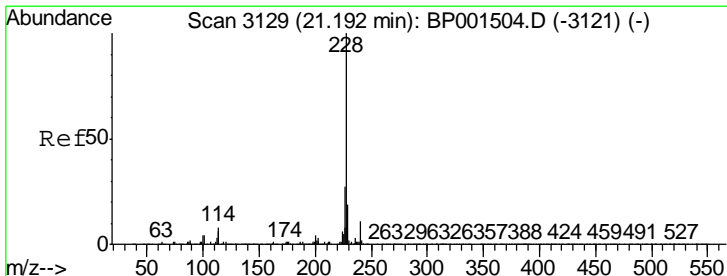
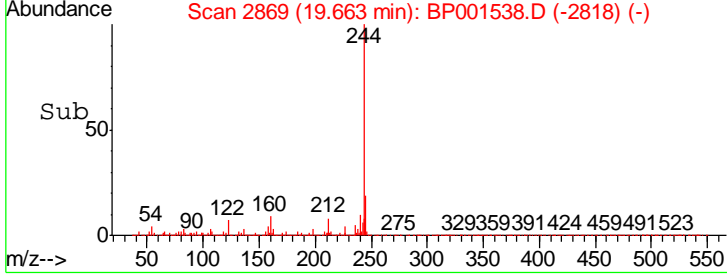
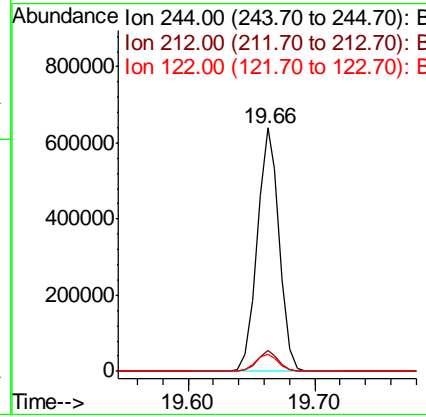
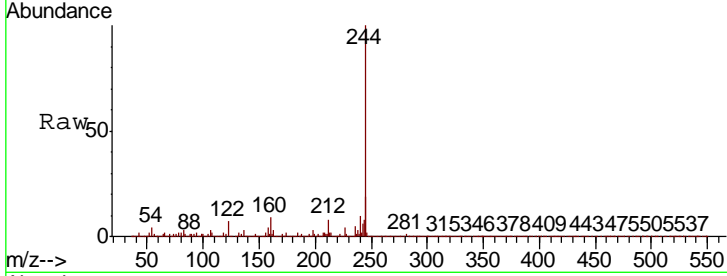
#79
 Terphenyl-d14
 Concen: 70.931 ng
 RT: 19.66 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.7	10.1
122	7.1	6.0	9.0

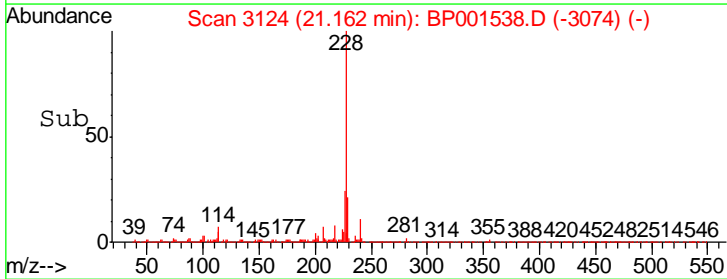
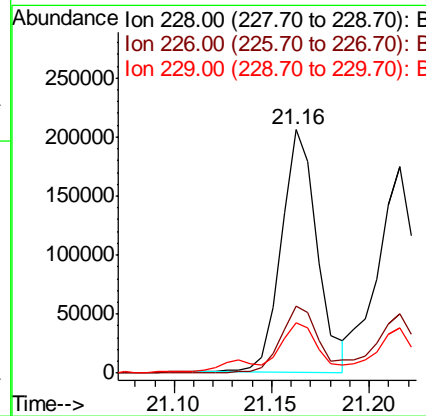
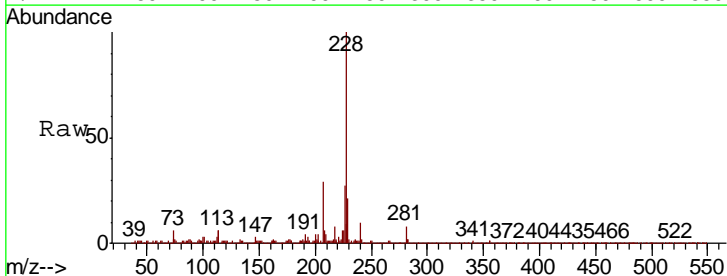
Manual Integrations
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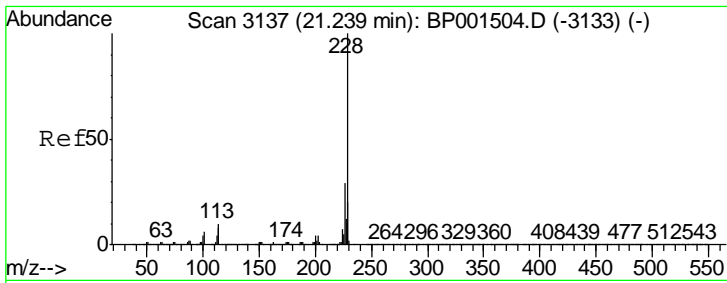
mohammad
 1/7/2020 12:31:34 PM



#81
 Benzo(a)anthracene
 Concen: 17.300 ng
 RT: 21.16 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	20.8	15.5	23.3



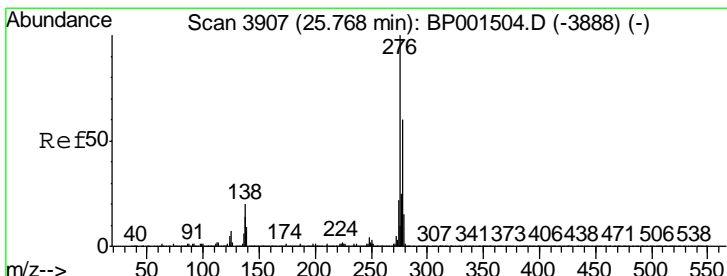
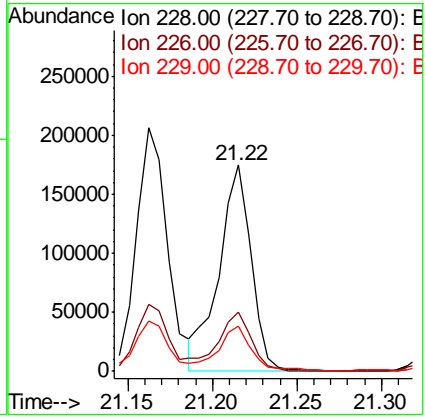
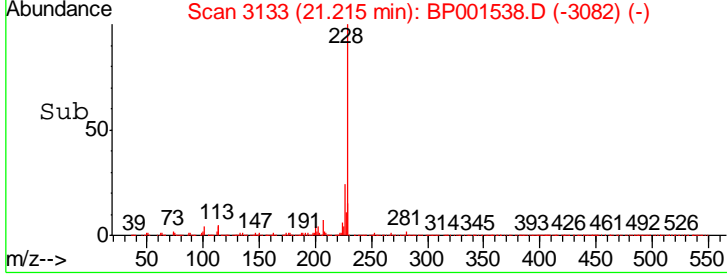
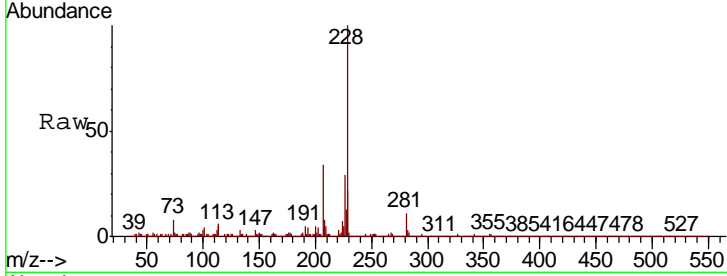


#83
 Chrysene
 Concen: 15.860 ng
 RT: 21.22 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
 ClientSampled :
 GP-10-(1-3)

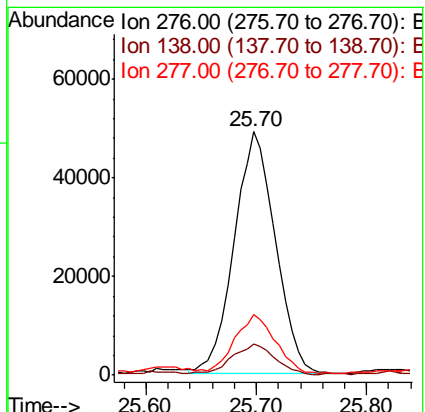
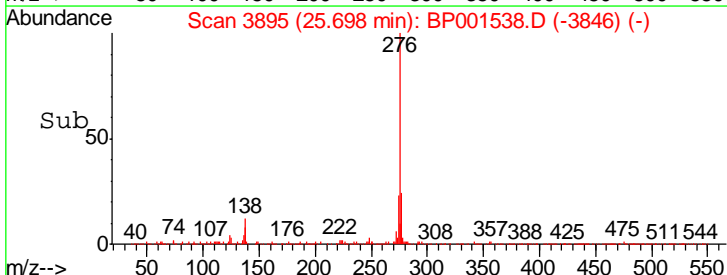
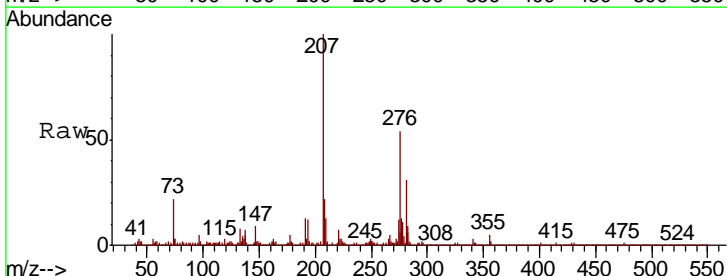
Tgt Ion	Resp	Lower	Upper
228	100		
226	29.0	23.1	34.7
229	22.2	15.6	23.4

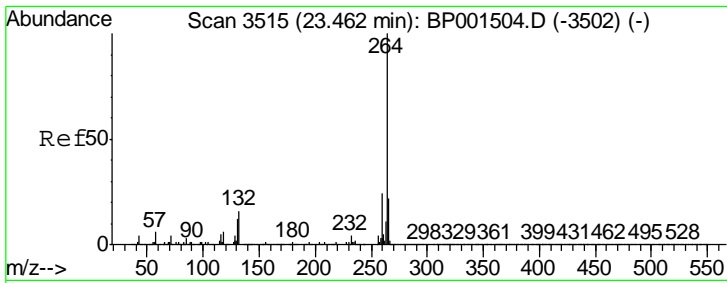
Manual Integrations
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 mohammad
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 7.261 ng
 RT: 25.70 min Scan# 3895
 Delta R.T. -0.01 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
276	100		
138	12.8	11.0	16.6
277	24.1	20.1	30.1





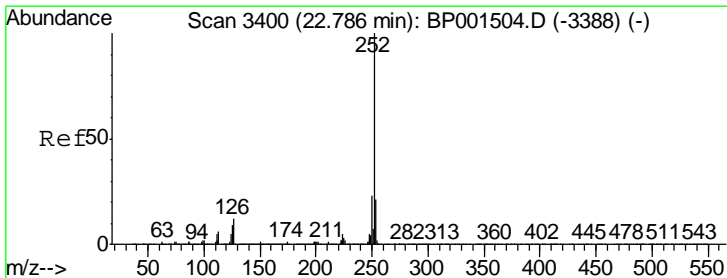
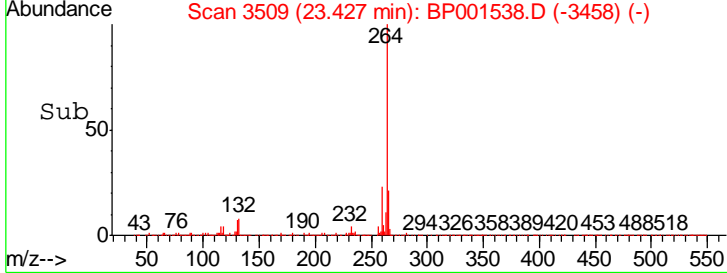
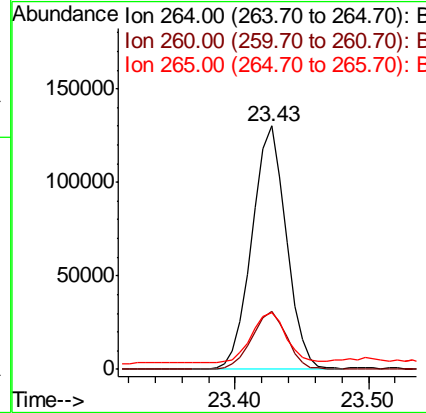
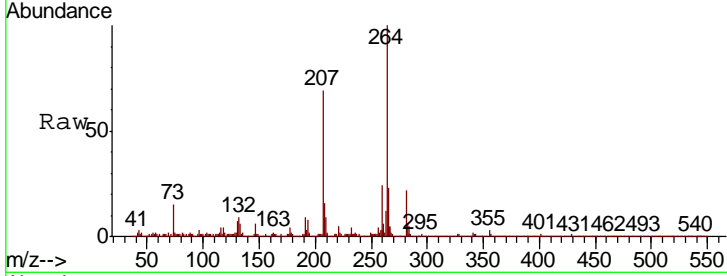
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.43 min Scan# 3509
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	23.1	19.0	28.4

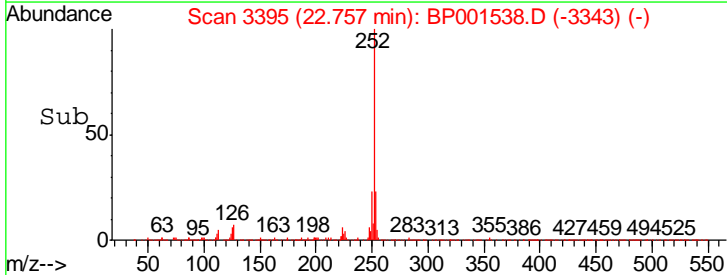
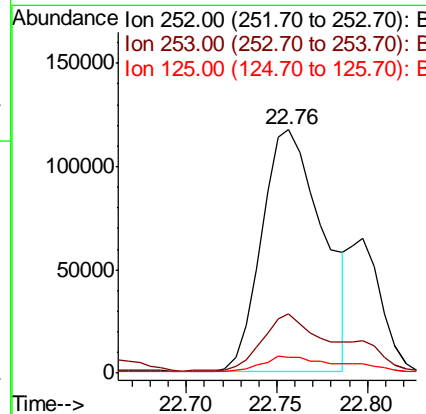
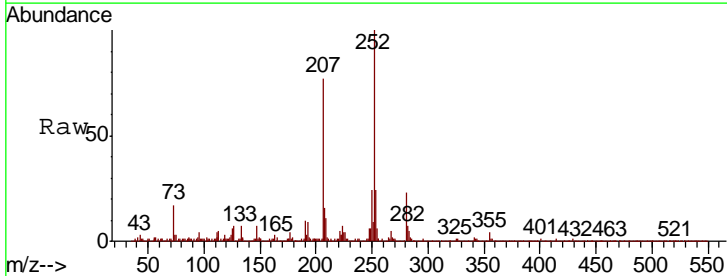
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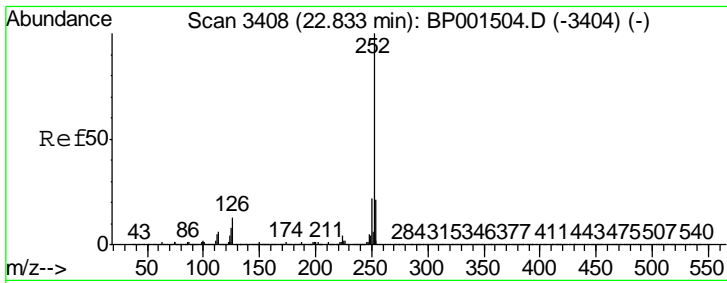
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 19.378 ng
 RT: 22.76 min Scan# 3395
 Delta R.T. 0.01 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.3	16.7	25.1
125	6.3	4.2	6.2#





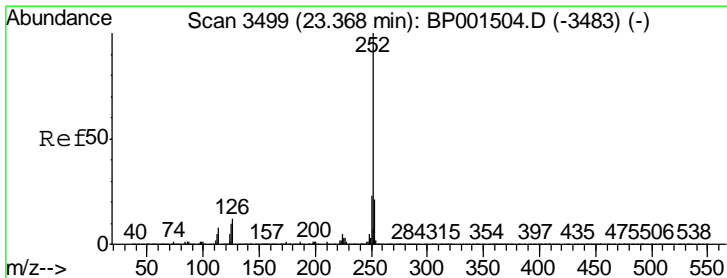
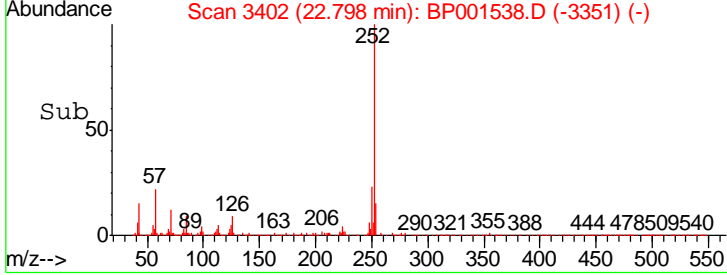
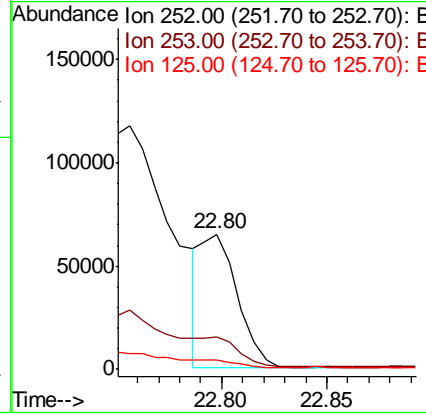
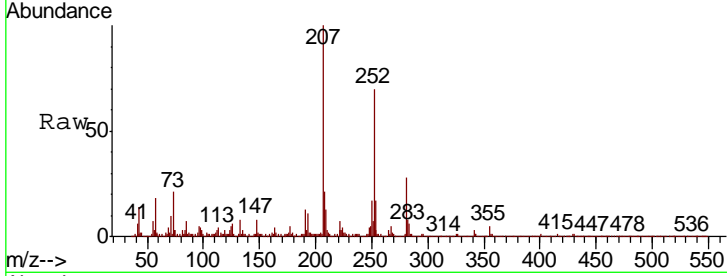
#89
 Benzo(k)fluoranthene
 Concen: 5.804 ng m
 RT: 22.80 min Scan# 3402
 Delta R.T. -0.00 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	6.6	4.8	7.2

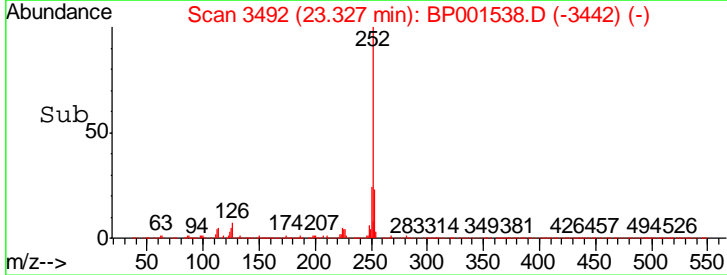
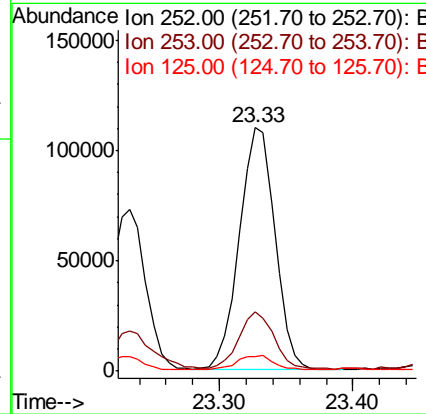
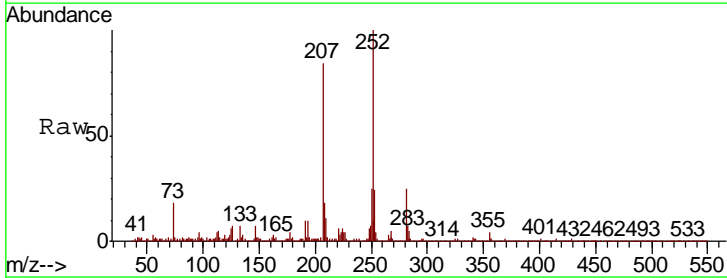
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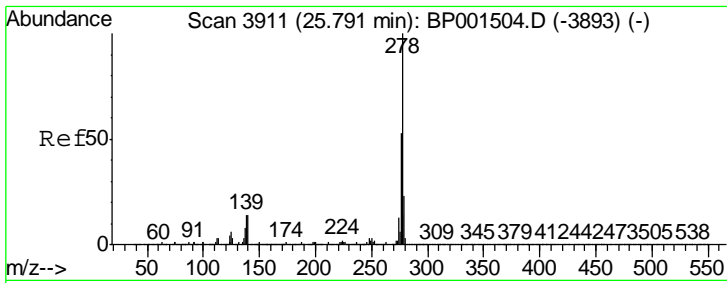
mohammad
 1/7/2020 12:31:34 PM



#90
 Benzo(a)pyrene
 Concen: 15.211 ng
 RT: 23.33 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	5.9	4.6	6.8





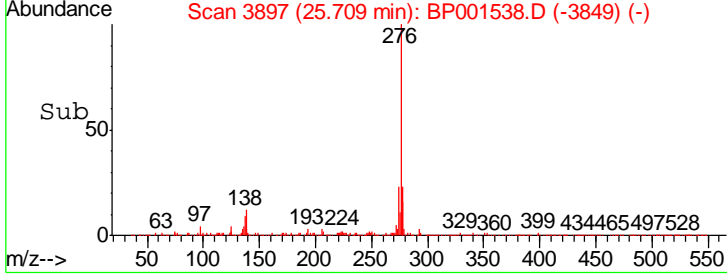
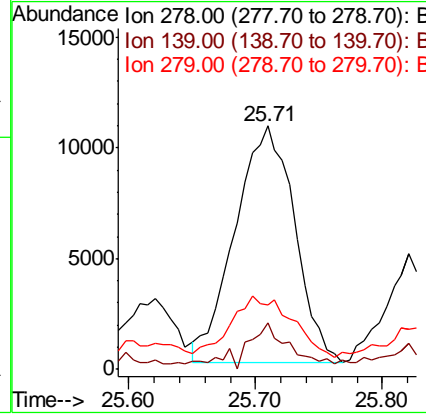
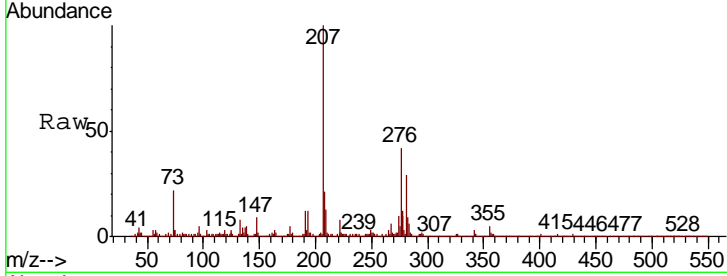
#91
 Dibenzo(a,h)anthracene
 Concen: 2.630 ng
 RT: 25.71 min Scan# 3897
 Delta R.T. -0.02 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Instrument :
 BNA_P
 ClientSampled :
 GP-10-(1-3)

Tgt Ion	Resp	Lower	Upper
278	34699		
139	19.1	7.2	10.8#
279	26.4	19.2	28.8

Manual Integrations
 APPROVED

mohammad
 1/7/2020 12:31:34 PM



#92
 Benzo(g,h,i)perylene
 Concen: 9.422 ng
 RT: 26.39 min Scan# 4013
 Delta R.T. -0.01 min
 Lab File: BP001538.D
 Acq: 06 Jan 2020 19:54

Tgt Ion	Resp	Lower	Upper
276	124009		
277	24.9	18.9	28.3
138	11.4	10.1	15.1

