

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001035.D
 Acq On : 12 Nov 2019 00:38
 Operator : JU
 Sample : K5673-01DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 PL-05-110819DL

Manual Integrations
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Quant Time: Nov 12 06:58:31 2019
 Quant Title :
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	238939	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	857873	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	462688	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	864208	20.00	ng	0.00
76) Chrysene-d12	19.30	240	664285	20.00	ng	0.00
87) Perylene-d12	21.09	264	603007	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	521548	39.73	ng	0.00
7) Phenol-d6	7.81	99	682563	41.12	ng	0.00
23) Nitrobenzene-d5	9.25	82	393617	25.38	ng	-0.01
42) 2,4,6-Tribromophenol	14.56	330	226480	41.00	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	886408	28.85	ng	0.00
79) Terphenyl-d14	17.94	244	1014603	30.38	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) Phenol	7.83	94	40633	2.238	ng	87
71) Phenanthrene	15.70	178	357126	8.074	ng	99
72) Anthracene	15.77	178	140807	3.263	ng	99
75) Fluoranthene	17.40	202	709174	14.185	ng	98
78) Pyrene	17.71	202	707928	15.080	ng	97
81) Benzo(a)anthracene	19.29	228	360123m	8.049	ng	
83) Chrysene	19.33	228	310122	7.896	ng	96
86) Indeno(1,2,3-cd)pyrene	22.76	276	124375	2.314	ng	# 94
88) Benzo(b)fluoranthene	20.59	252	337567	9.391	ng	# 95
89) Benzo(k)fluoranthene	20.63	252	107430m	3.175	ng	
90) Benzo(a)pyrene	21.02	252	244128	7.386	ng	# 94
92) Benzo(a,h,i)perylene	23.26	276	107650	3.169	ng	# 92

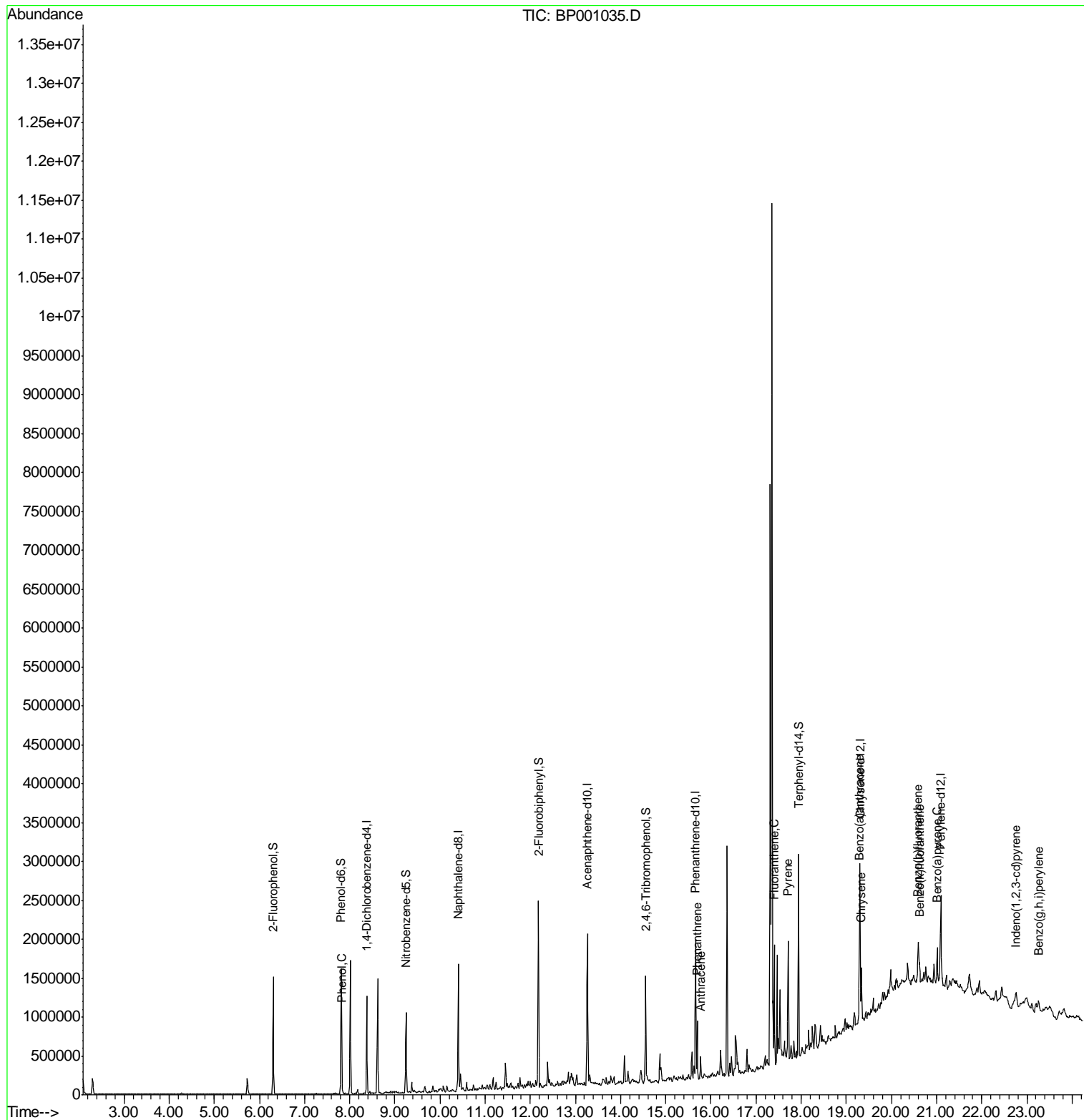
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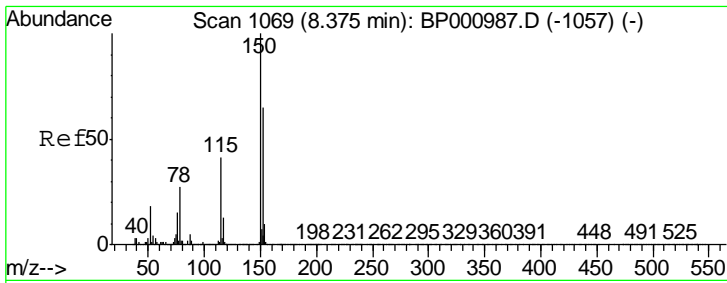
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
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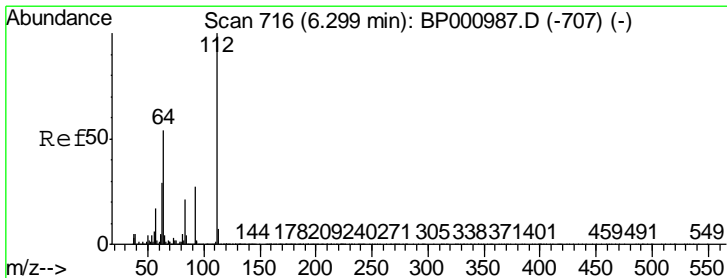
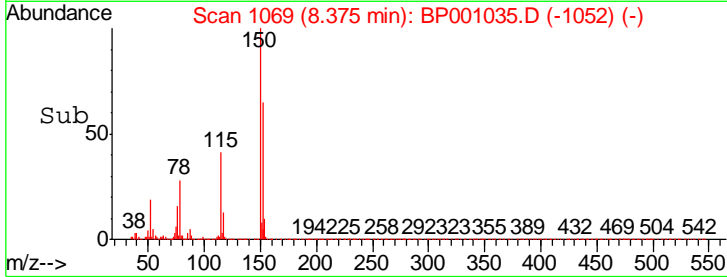
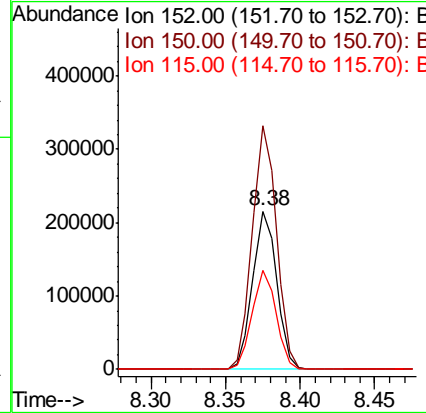
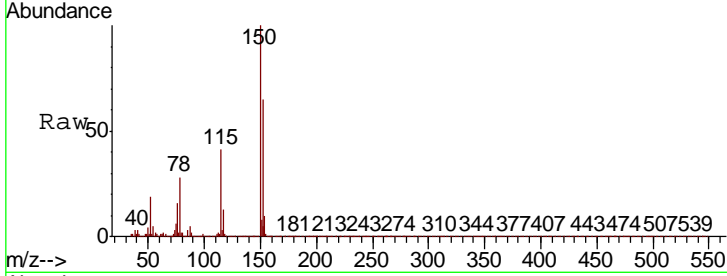
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.38 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
ClientSampled :
 PL-05-110819DL

Tgt Ion	Resp	Lower	Upper
152	238939		
150	100	123.6	185.4
115	62.3	50.1	75.1

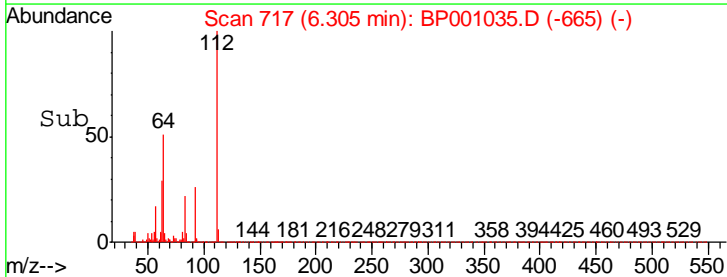
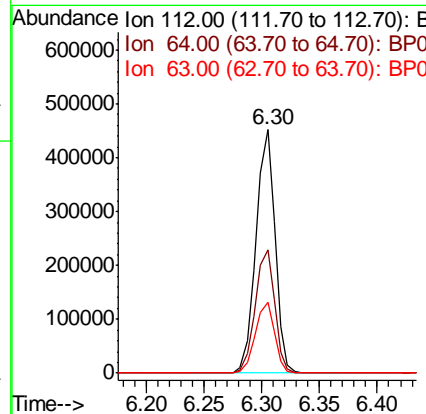
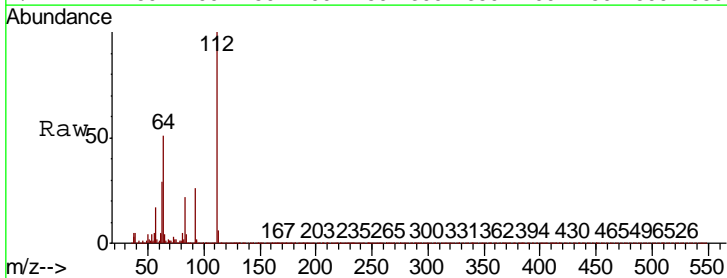
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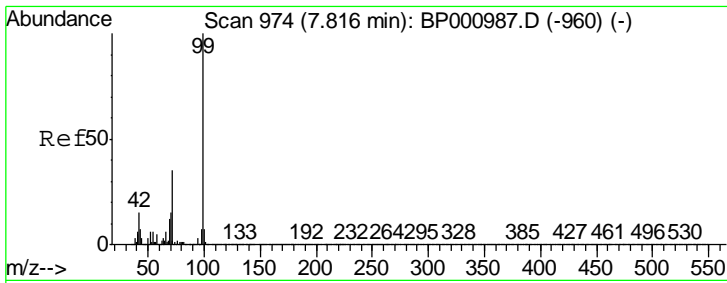
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#5
 2-Fluorophenol
 Concen: 39.730 ng
 RT: 6.30 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
112	521548		
112	100		
64	50.8	43.4	65.0
63	29.2	23.4	35.0





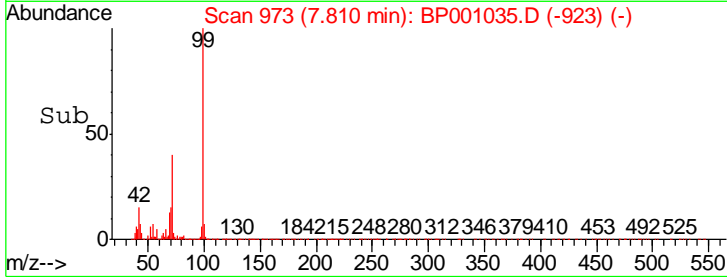
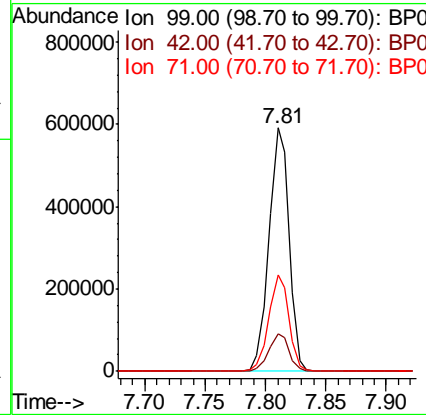
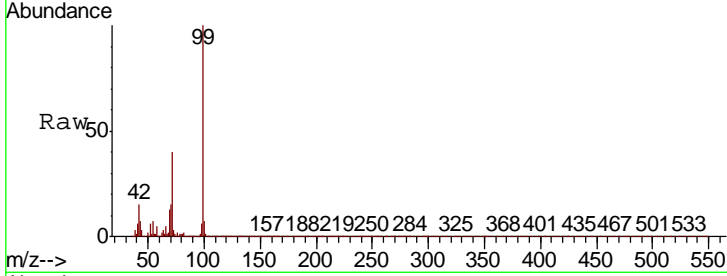
#7
 Phenol-d6
 Concen: 41.118 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
ClientSampled :
 PL-05-110819DL

Tgt Ion	Resp	Lower	Upper
99	100		
42	15.5	11.6	17.4
71	39.8	28.0	42.0

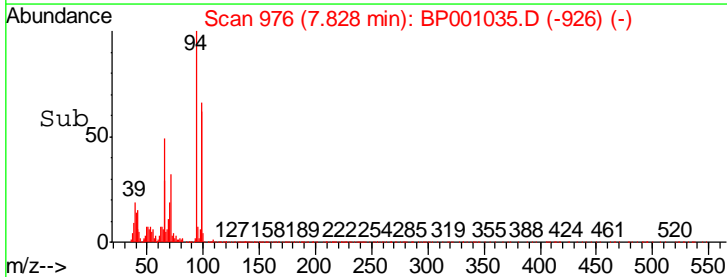
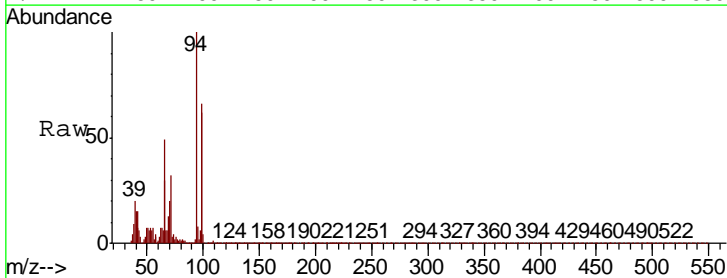
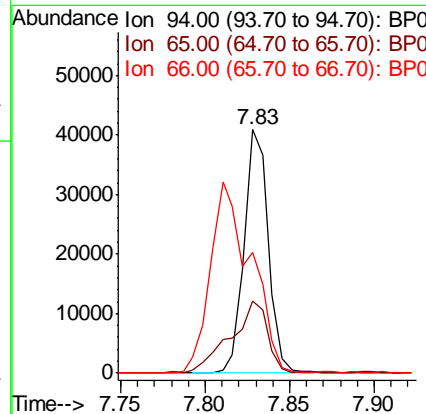
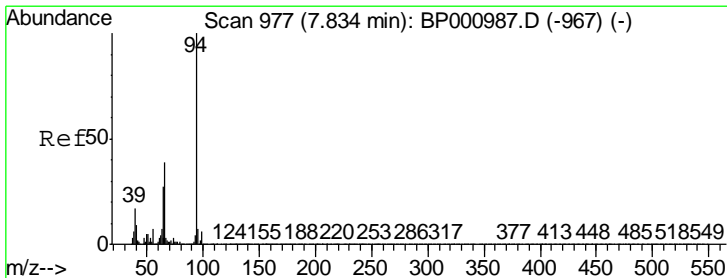
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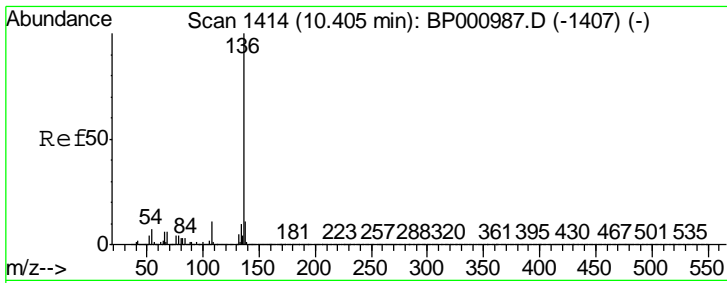
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#10
 Phenol
 Concen: 2.238 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
94	100		
65	29.5	6.7	46.7
66	49.4	18.6	58.6





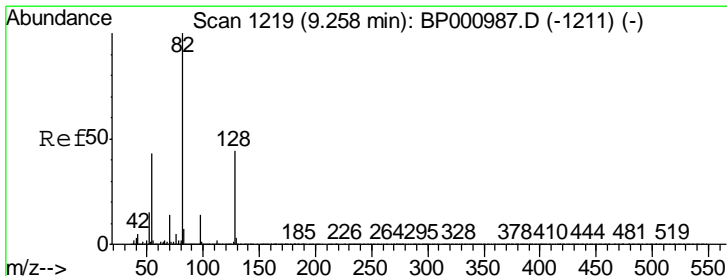
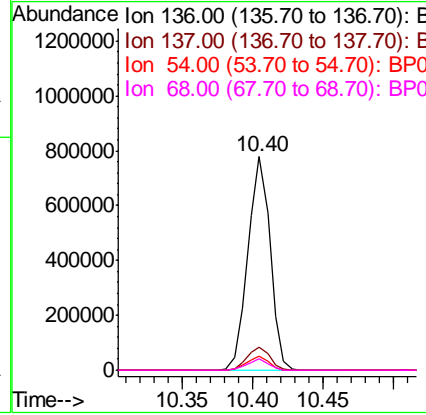
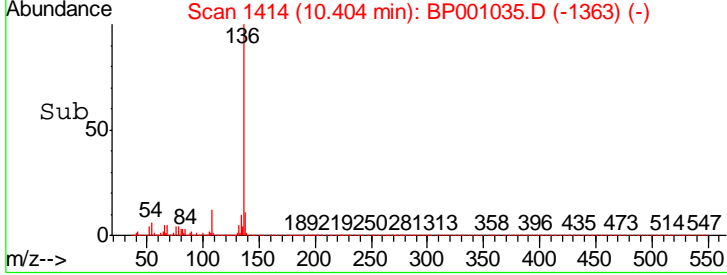
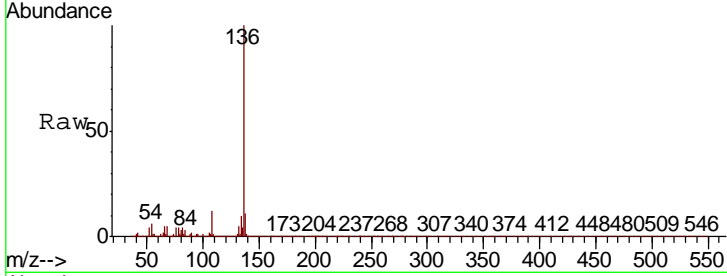
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
ClientSampleId :
 PL-05-110819DL

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.4	5.4	8.2
68	5.2	4.7	7.1

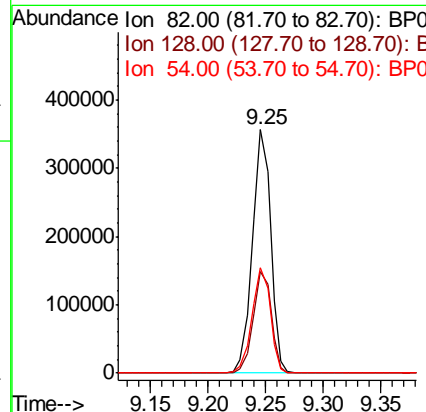
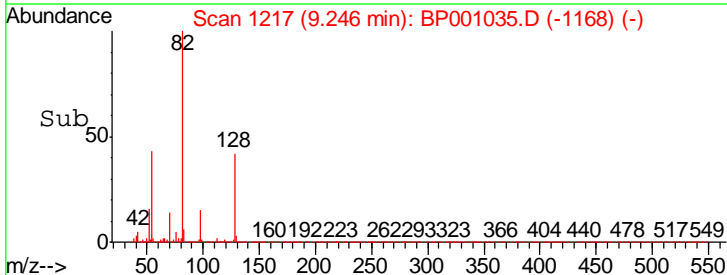
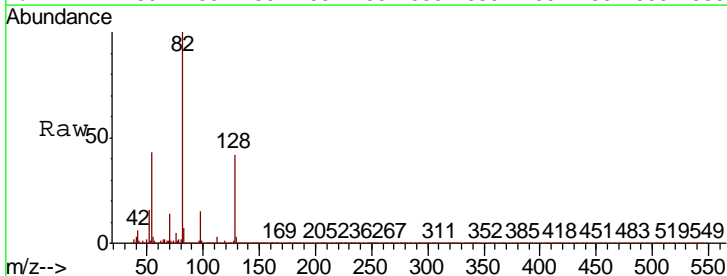
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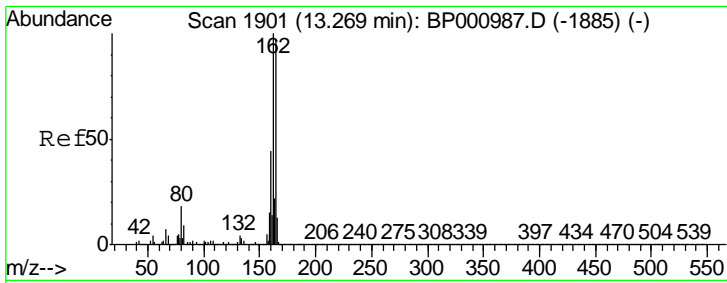
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#23
 Nitrobenzene-d5
 Concen: 25.381 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
82	100		
128	41.9	35.3	52.9
54	43.4	34.3	51.5





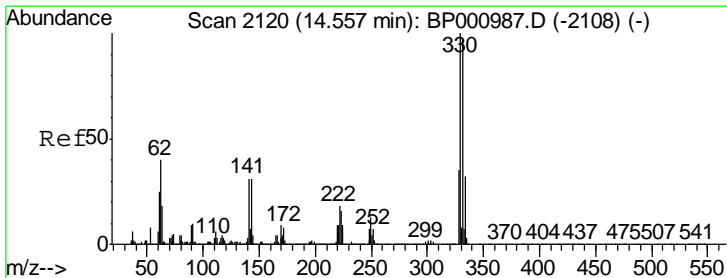
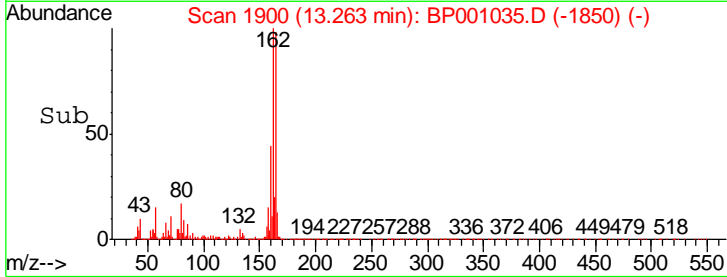
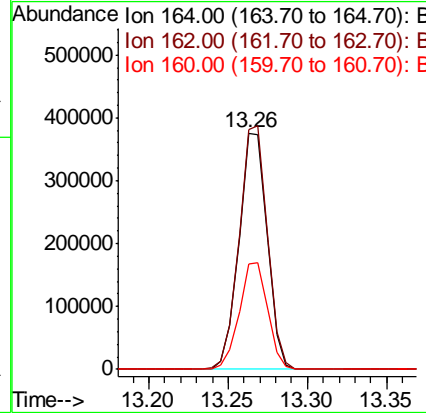
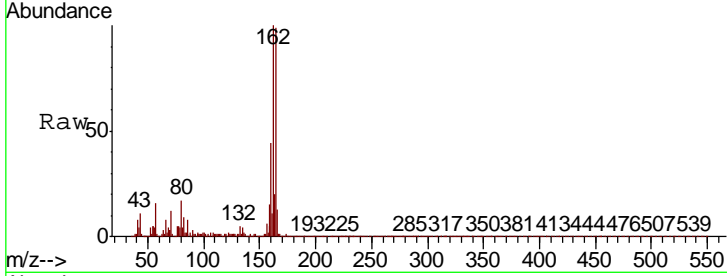
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
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 PL-05-110819DL

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.5	36.5	54.7

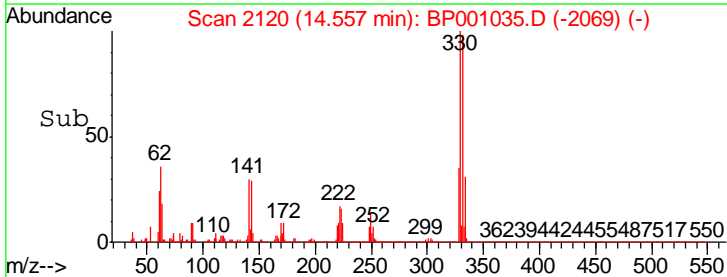
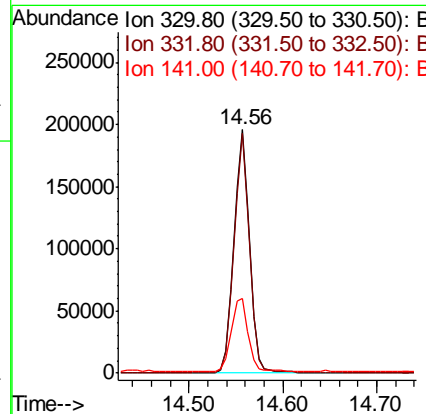
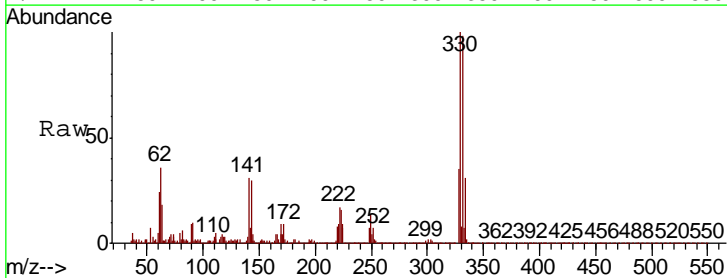
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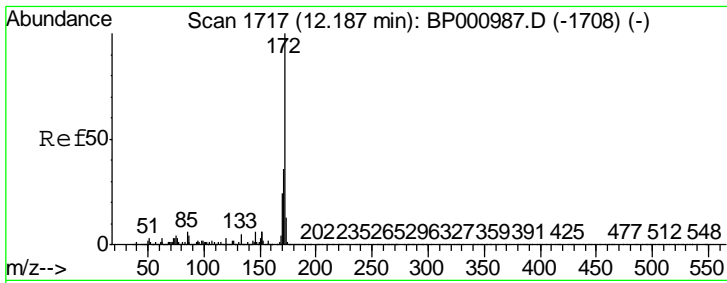
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#42
 2,4,6-Tribromophenol
 Concen: 41.003 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	33.0	25.0	37.4





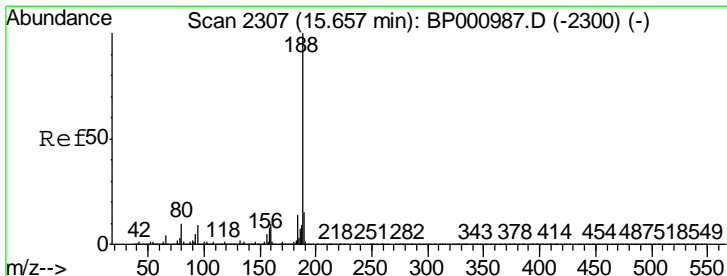
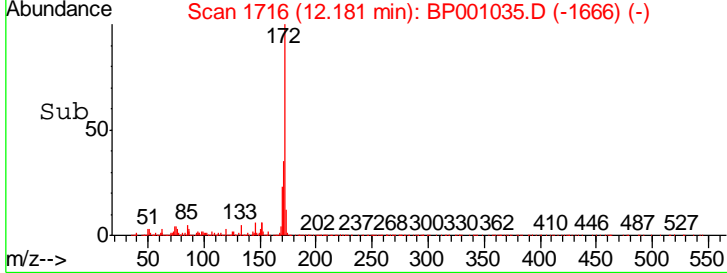
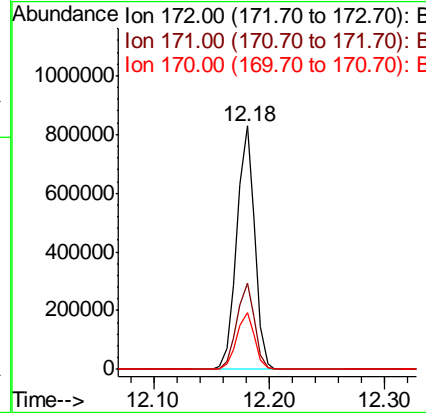
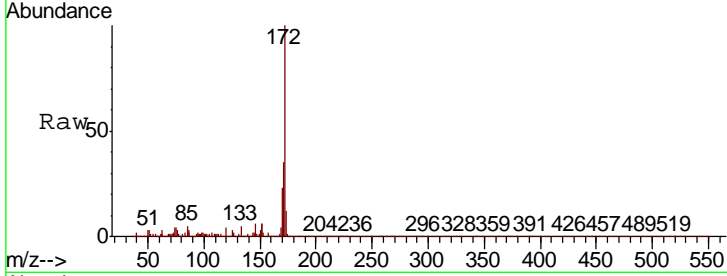
#45
 2-Fluorobiphenyl
 Concen: 28.853 ng
 RT: 12.18 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
ClientSampled :
 PL-05-110819DL

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.4	18.9	28.3

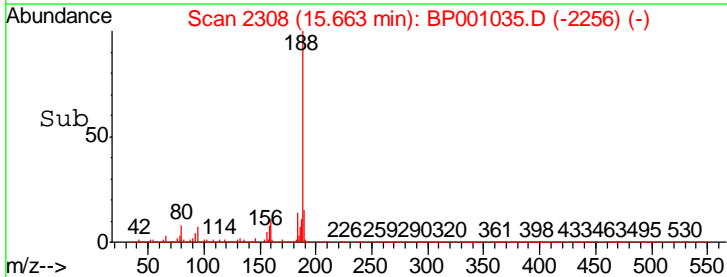
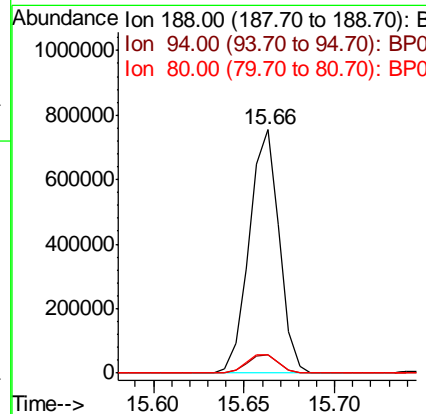
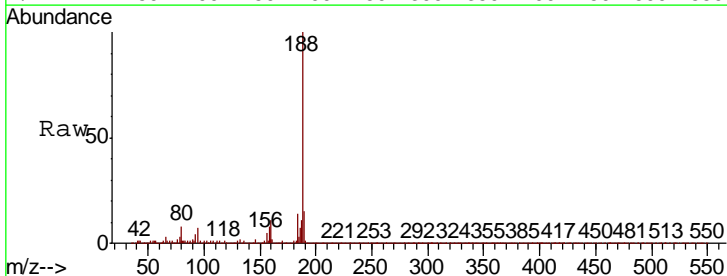
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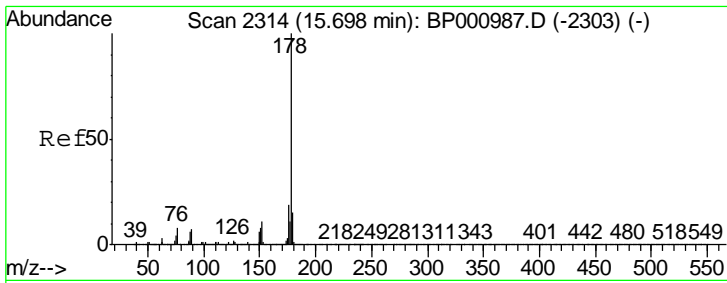
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.4	7.4	11.2#
80	7.7	7.9	11.9#





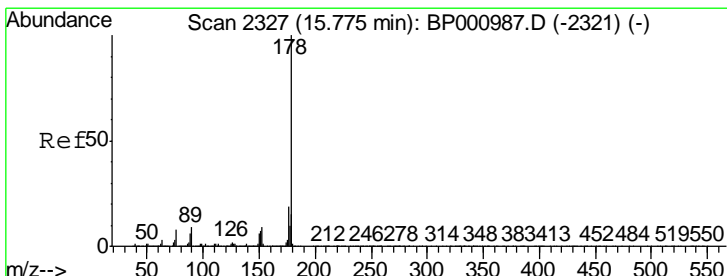
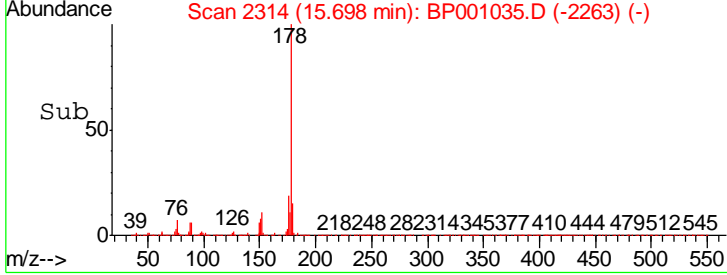
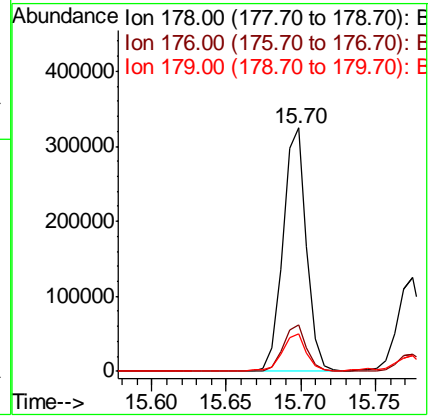
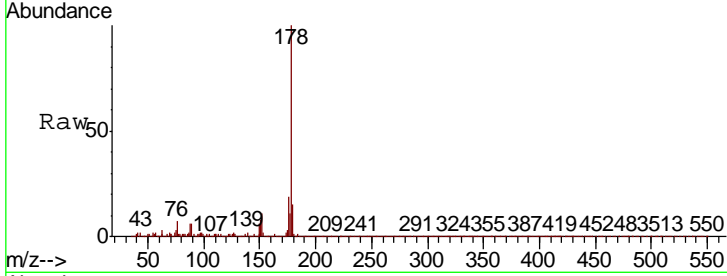
#71
 Phenanthrene
 Concen: 8.074 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
 ClientSampled :
 PL-05-110819DL

Tgt Ion	Resp	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.2	12.3	18.5

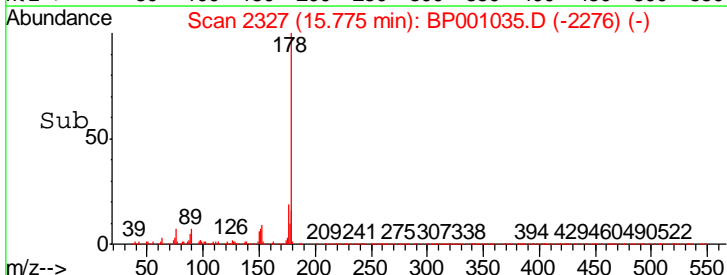
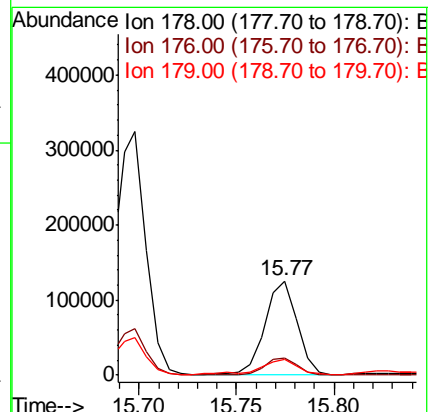
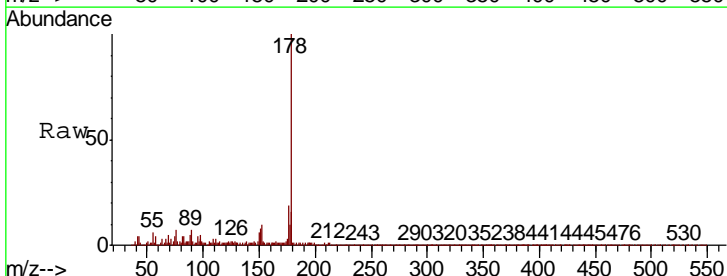
Manual Integrations
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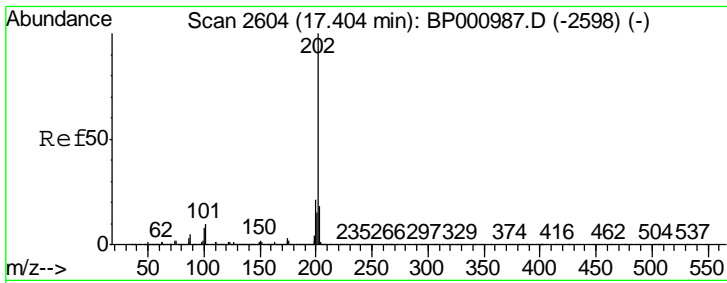
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#72
 Anthracene
 Concen: 3.263 ng
 RT: 15.77 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.5	12.3	18.5



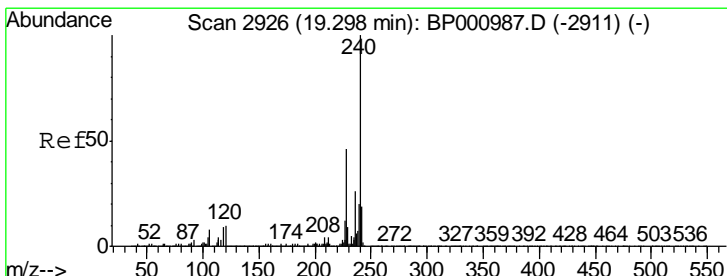
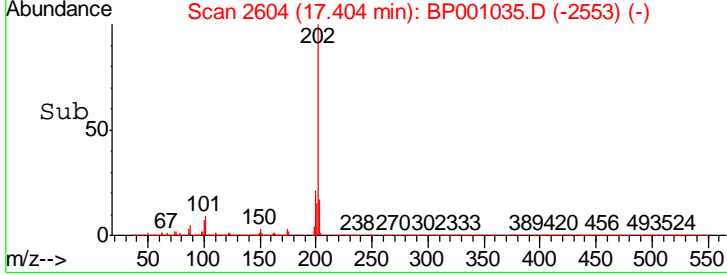
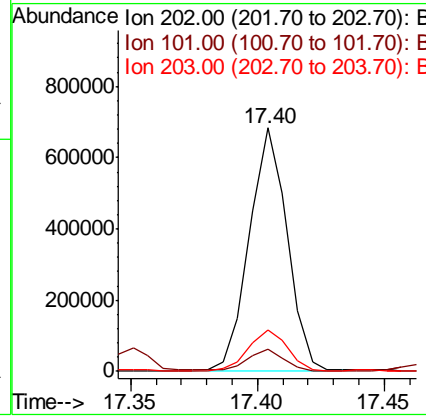
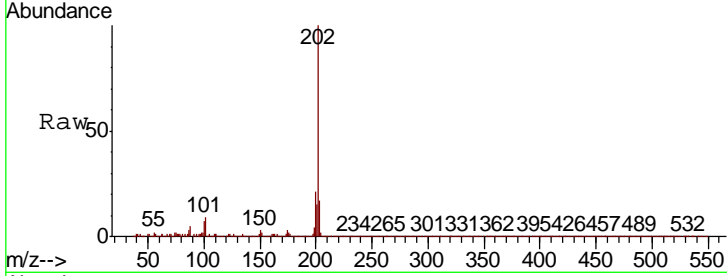


#75
 Fluoranthene
 Concen: 14.185 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
ClientSampled :
 PL-05-110819DL

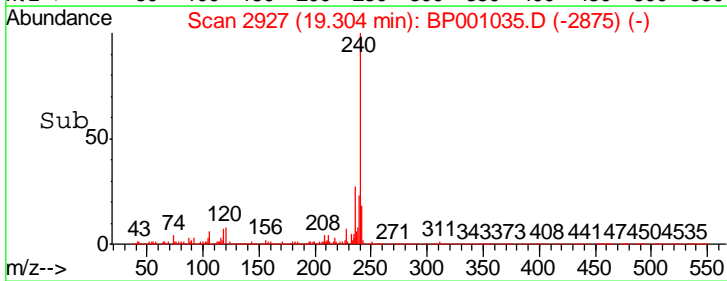
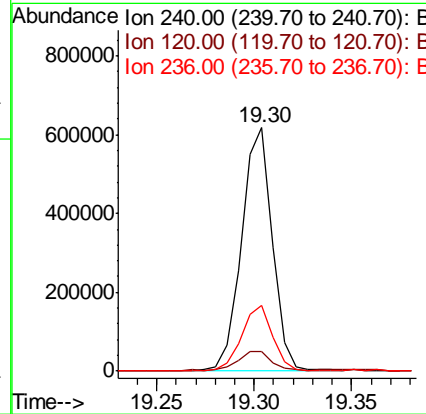
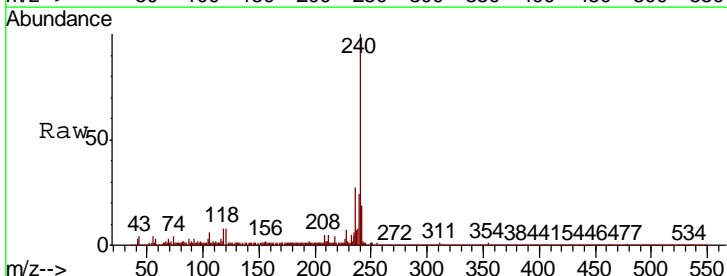
Tgt Ion	Resp	Lower	Upper
202	709174		
101	9.1	0.0	30.1
203	17.2	0.0	37.7

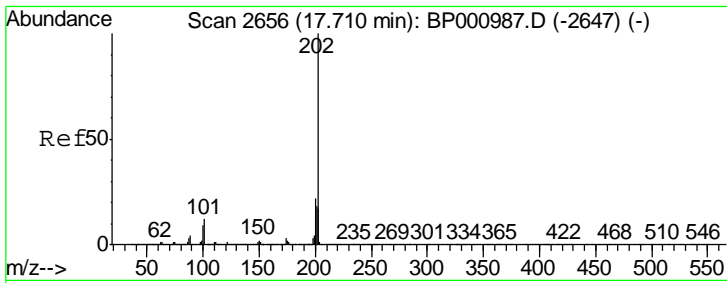
Manual Integrations
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 11/12/2019 5:05:02 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.30 min Scan# 2927
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
240	664285		
120	8.3	8.2	12.2
236	26.8	20.5	30.7





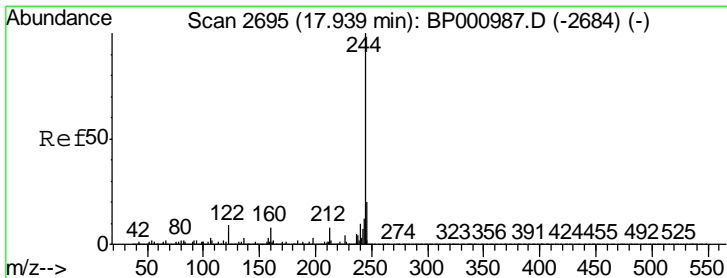
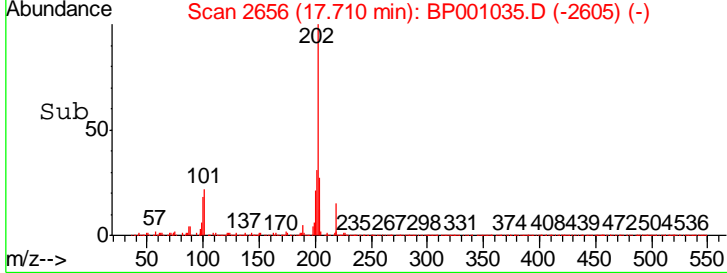
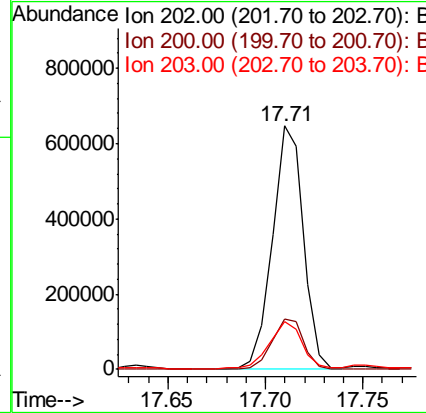
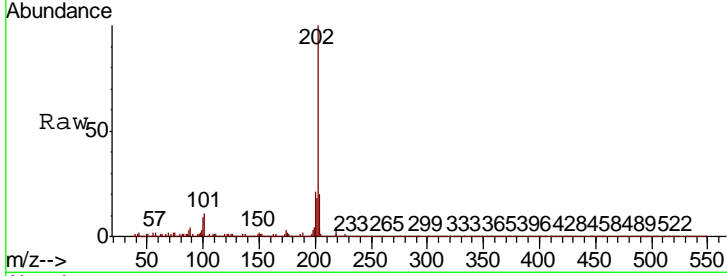
#78
 Pyrene
 Concen: 15.080 ng
 RT: 17.71 min Scan# 2656
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
 ClientSampled :
 PL-05-110819DL

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	19.5	14.0	21.0

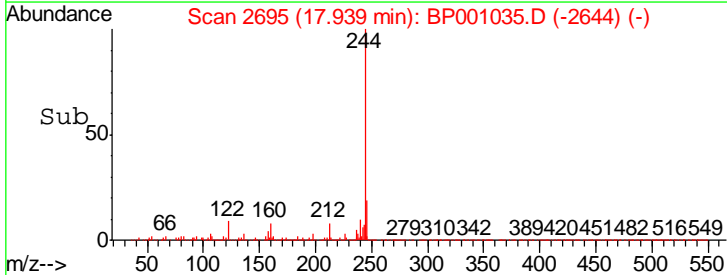
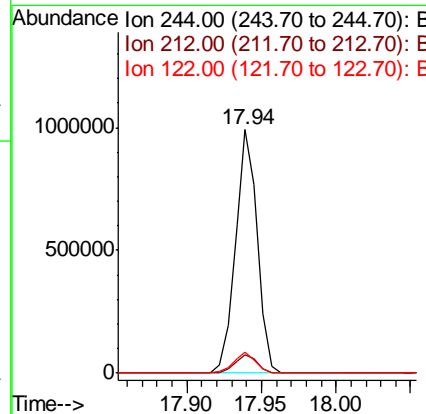
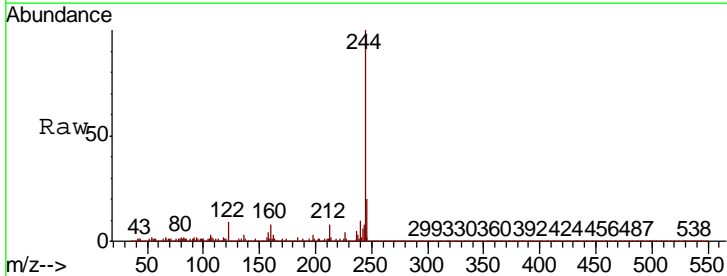
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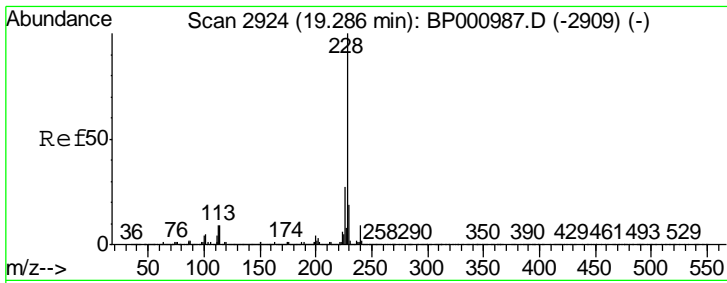
mohammad
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#79
 Terphenyl-d14
 Concen: 30.382 ng
 RT: 17.94 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.6	7.4	11.2





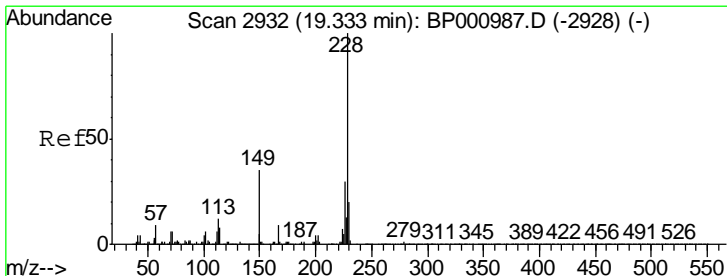
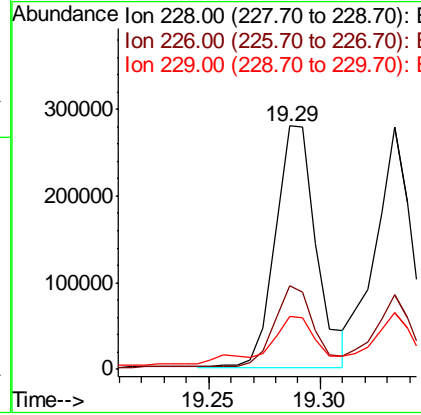
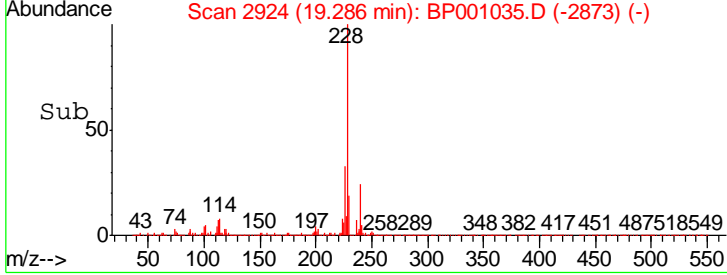
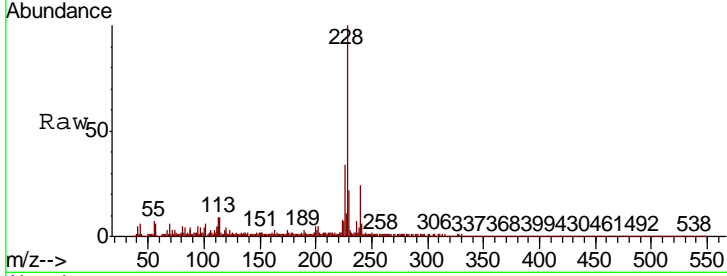
#81
 Benzo(a)anthracene
 Concen: 8.049 ng m
 RT: 19.29 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
 Client Sampled :
 PL-05-110819DL

Tgt Ion	Resp	Lower	Upper
228	100		
226	34.4	21.8	32.8#
229	21.6	15.6	23.4

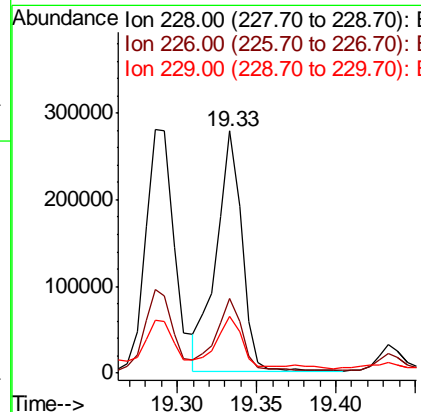
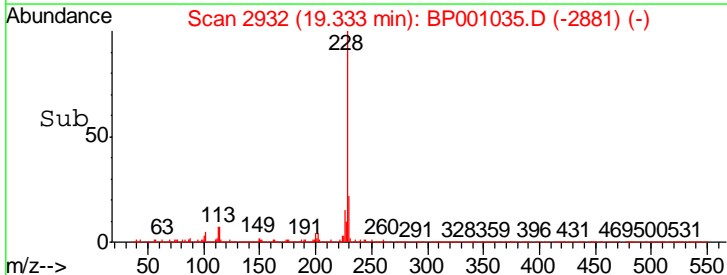
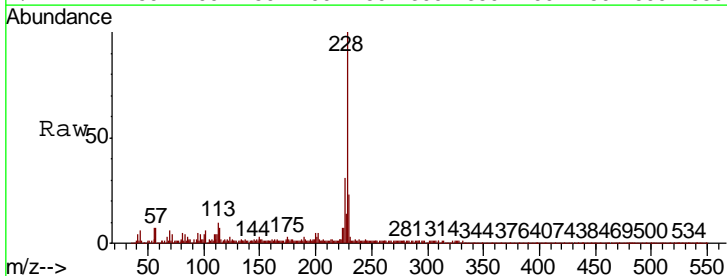
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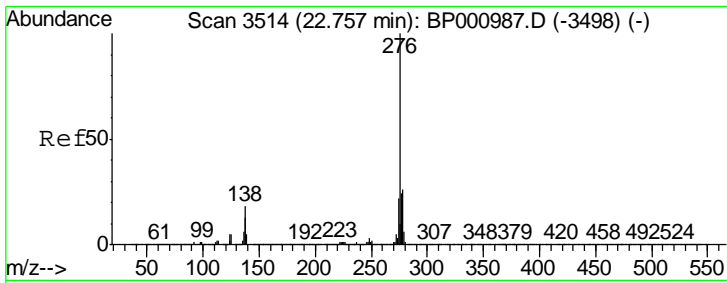
mohammad
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#83
 Chrysene
 Concen: 7.896 ng
 RT: 19.33 min Scan# 2932
 Delta R.T. -0.00 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	23.3	15.8	23.6





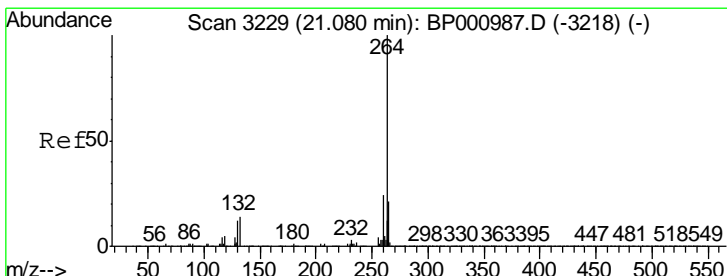
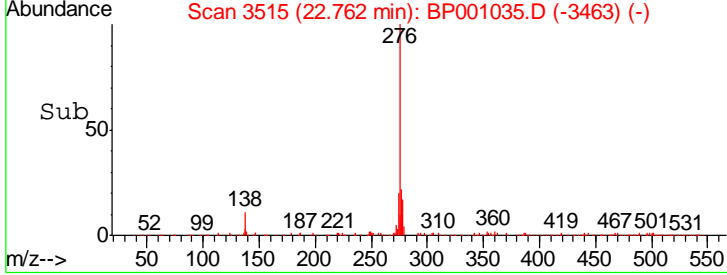
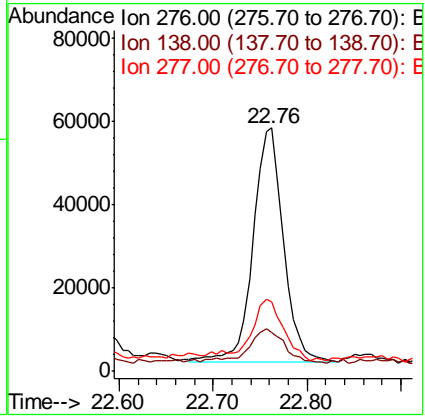
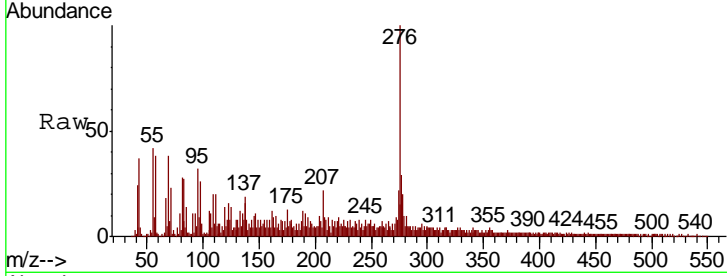
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.314 ng
 RT: 22.76 min Scan# 3515
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
 Client Sampled :
 PL-05-110819DL

Tgt Ion	Resp	Lower	Upper
276	124375		
138	17.2	17.6	26.4#
277	26.3	20.2	30.4

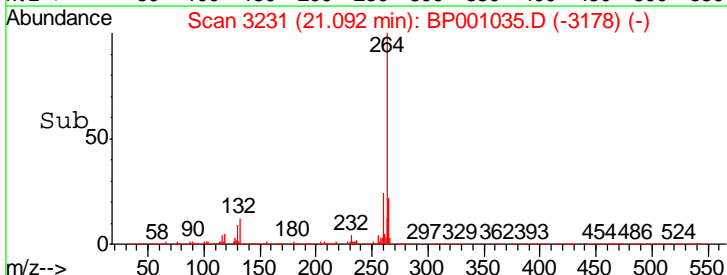
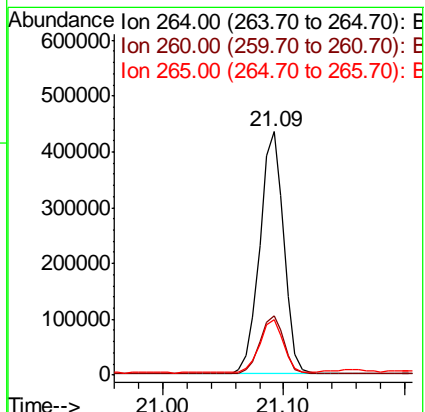
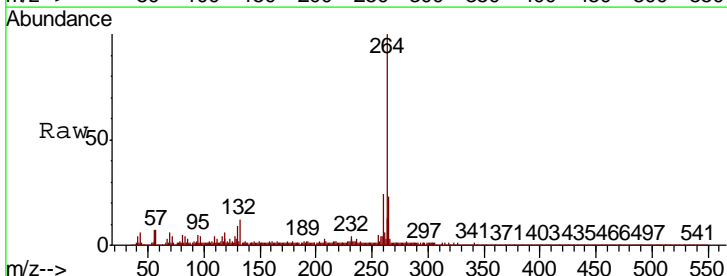
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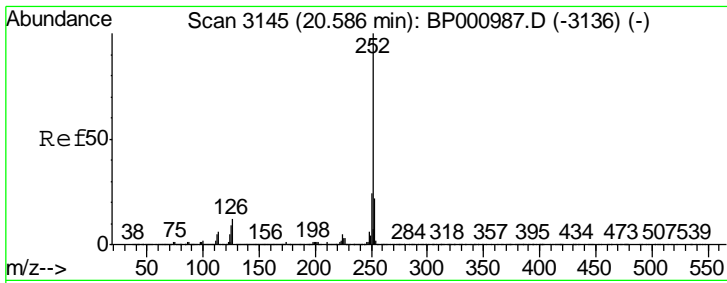
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3231
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Resp	Lower	Upper
264	603007		
260	24.3	18.8	28.2
265	22.9	17.1	25.7



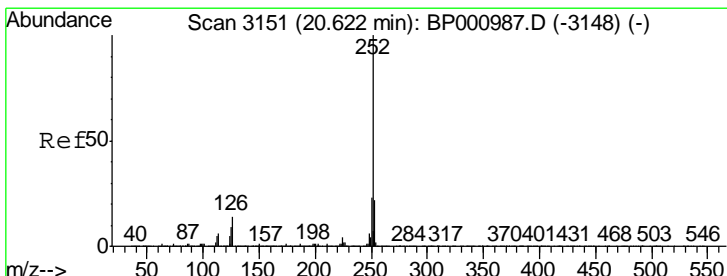
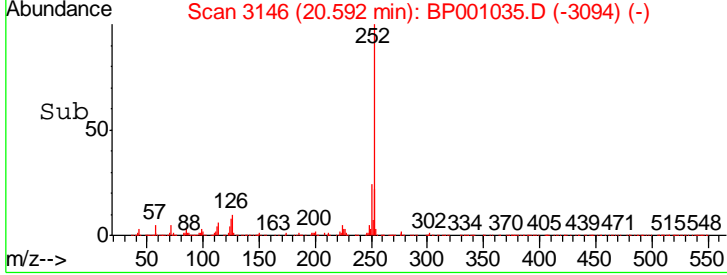
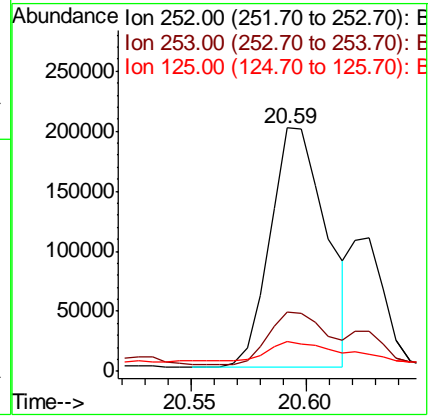
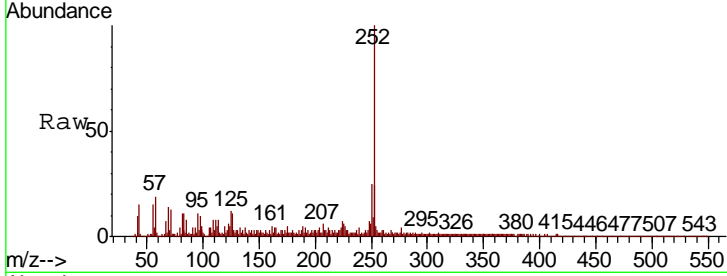


#88
 Benzo(b)fluoranthene
 Concen: 9.391 ng
 RT: 20.59 min Scan# 3146
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
 ClientSampled :
 PL-05-110819DL

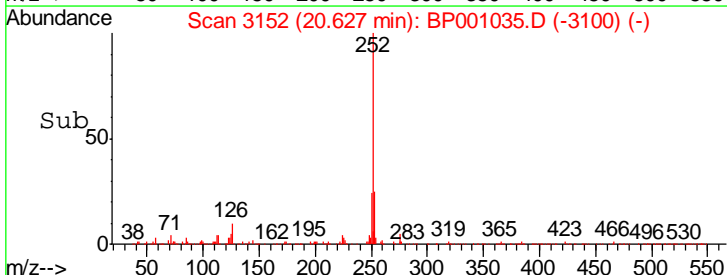
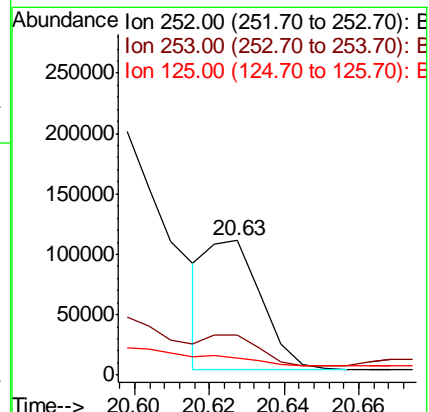
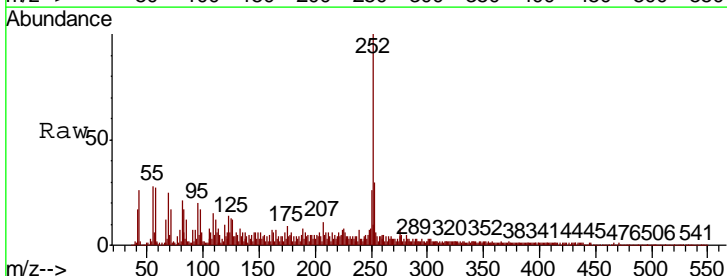
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	12.3	7.3	10.9

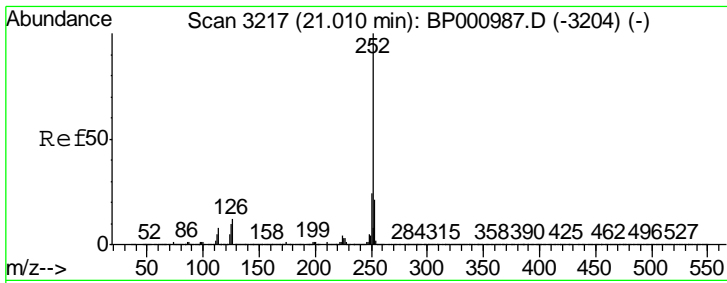
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#89
 Benzo(k)fluoranthene
 Concen: 3.175 ng m
 RT: 20.63 min Scan# 3152
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.7	26.5
125	12.8	7.3	10.9





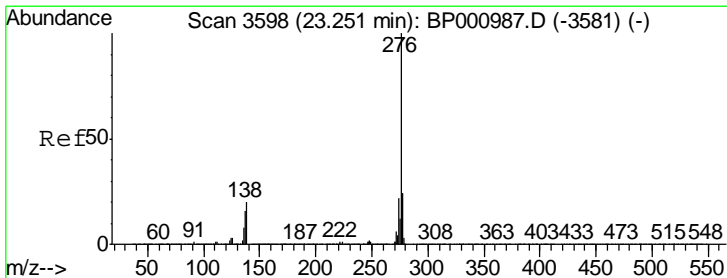
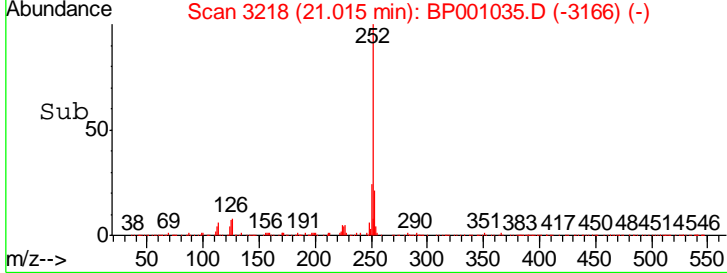
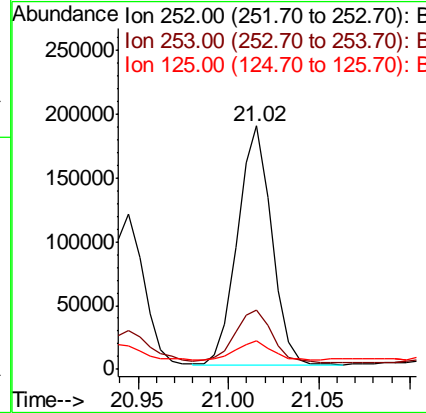
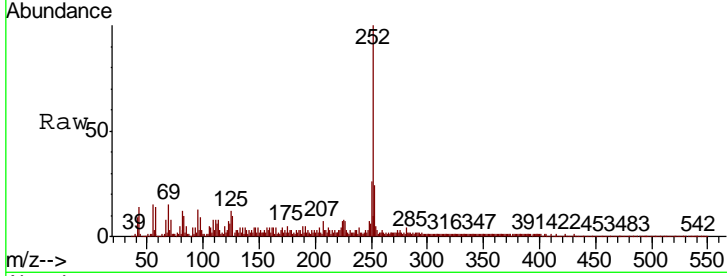
#90
 Benzo(a)pyrene
 Concen: 7.386 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Instrument :
 BNA_P
 ClientSampled :
 PL-05-110819DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	11.6	7.6	11.4

Manual Integrations
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#92
 Benzo(g,h,i)perylene
 Concen: 3.169 ng
 RT: 23.26 min Scan# 3599
 Delta R.T. 0.01 min
 Lab File: BP001035.D
 Acq: 12 Nov 2019 00:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	19.0	28.4
138	18.9	15.7	23.5

