

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001533.D
 Acq On : 06 Jan 2020 17:05
 Operator : JU
 Sample : K6463-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GP-7-(1-3)

Manual Integrations
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Quant Time: Jan 06 18:18:49 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	53881	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	207983	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	137056	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	282969	20.00	ng	0.00
76) Chrysene-d12	21.18	240	223957	20.00	ng	0.00
87) Perylene-d12	23.43	264	233792	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	302673	94.37	ng	0.00
7) Phenol-d6	6.89	99	444859	102.98	ng	0.00
23) Nitrobenzene-d5	8.83	82	305927	72.65	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	181319	116.89	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	622613	66.80	ng	0.00
79) Terphenyl-d14	19.67	244	796598	70.89	ng	0.00

Target Compounds					Qvalue	
10) Phenol	6.92	94	11795	2.596	ng	93
50) Dimethylphthalate	13.80	163	45330	4.231	ng	98
71) Phenanthrene	17.12	178	93093	6.066	ng	98
75) Fluoranthene	19.10	202	216489	11.652	ng	100
78) Pyrene	19.45	202	207352	12.759	ng	97
81) Benzo(a)anthracene	21.16	228	118415	7.535	ng	95
83) Chrysene	21.22	228	110845	7.357	ng	96
84) Bis(2-ethylhexyl)phthalate	21.13	149	36553	3.568	ng	# 98
86) Indeno(1,2,3-cd)pyrene	25.70	276	82686	4.509	ng	98
88) Benzo(b)fluoranthene	22.76	252	162335	11.214	ng	# 92
89) Benzo(k)fluoranthene	22.80	252	49518m	3.571	ng	
90) Benzo(a)pyrene	23.33	252	117196	8.649	ng	# 97
92) Benzo(a,h,i)perylene	26.40	276	82021	6.106	ng	99

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

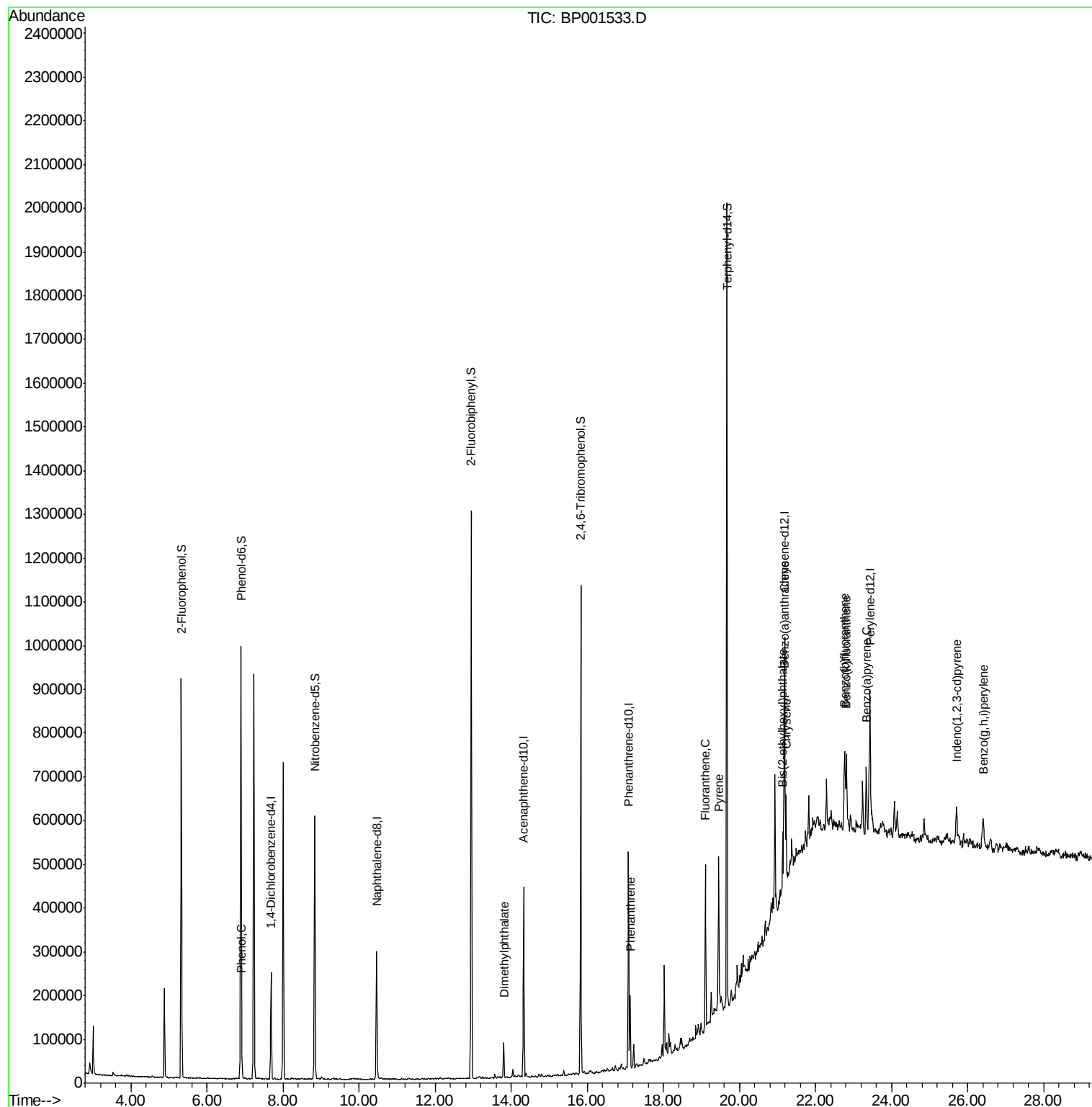
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001533.D
Acq On : 06 Jan 2020 17:05
Operator : JU
Sample : K6463-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

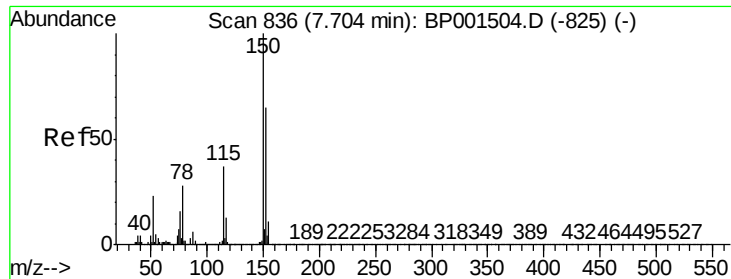
Instrument :
BNA_P
ClientSampleId :
GP-7-(1-3)

Quant Time: Jan 06 18:18:49 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

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#1

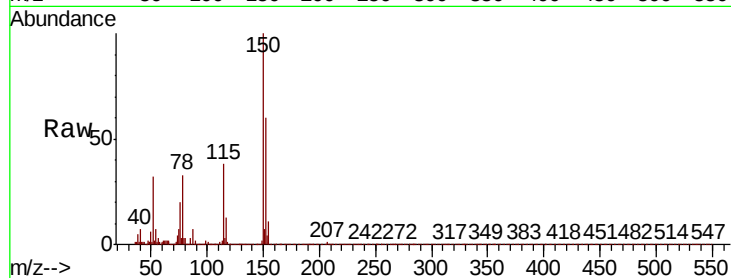
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Instrument :
BNA_P
ClientSampleId :
GP-7-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	117.9	176.9
115	62.2	50.3	75.5

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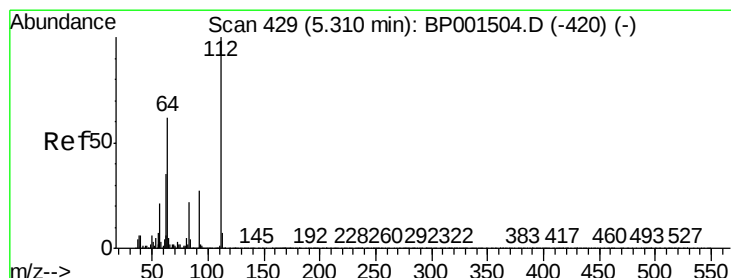
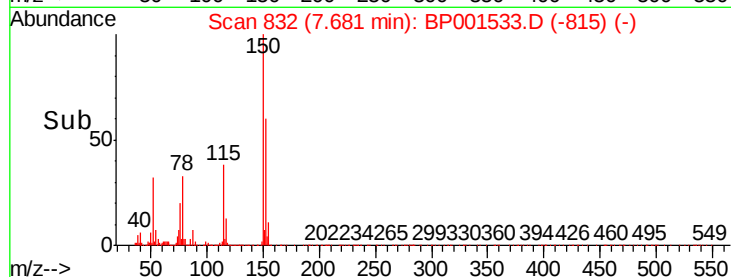
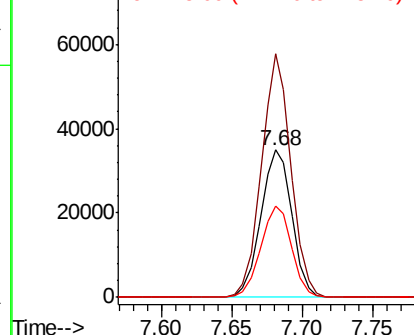


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

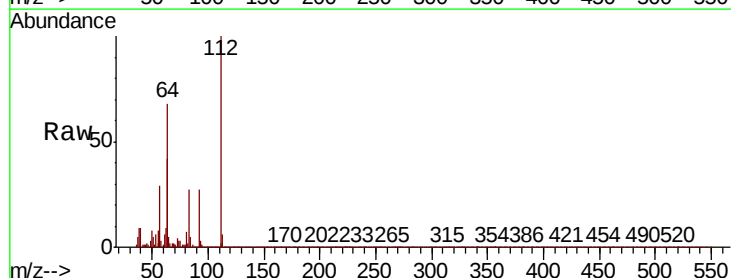
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.373 ng
RT: 5.32 min Scan# 431
Delta R.T. 0.01 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	52.6	79.0
63	41.9	32.6	48.8

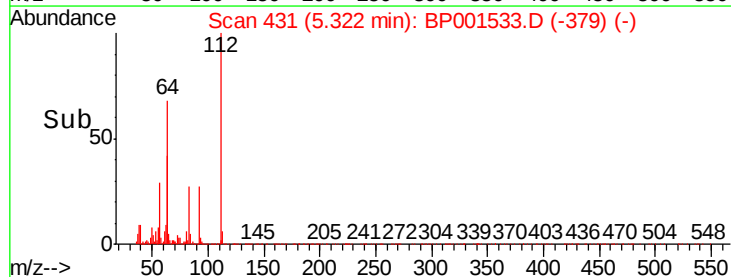
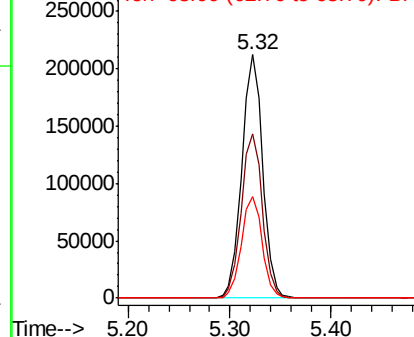


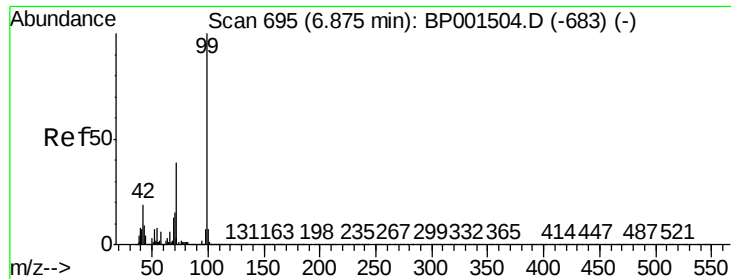
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 102.981 ng

RT: 6.89 min Scan# 698

Delta R.T. 0.01 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Instrument :

BNA_P

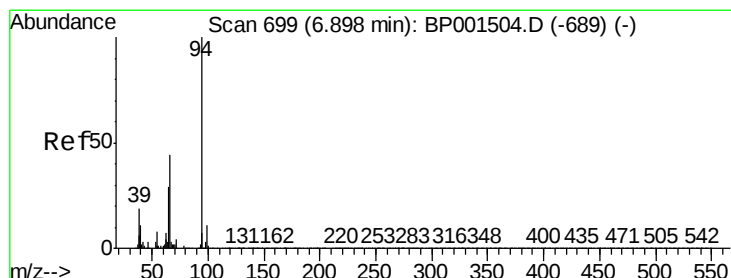
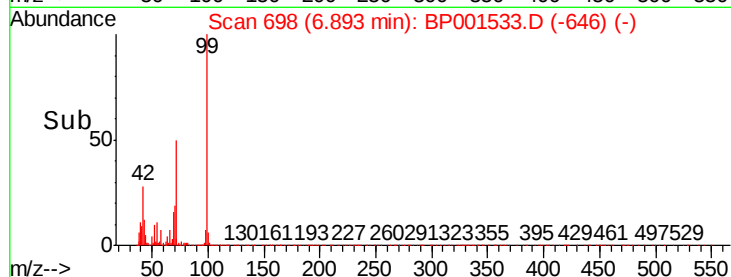
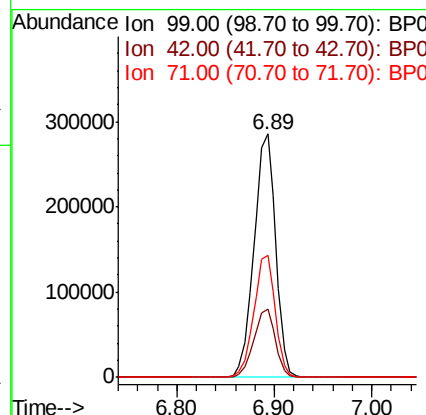
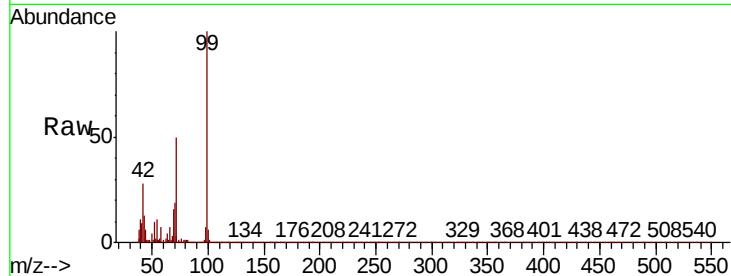
ClientSampleId :

GP-7-(1-3)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	99	100	444859		
42	42	27.9		21.2	31.8
71	71	50.2		40.0	60.0

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#10

Phenol

Concen: 2.596 ng

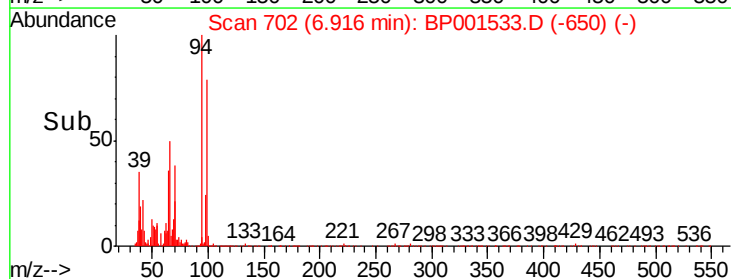
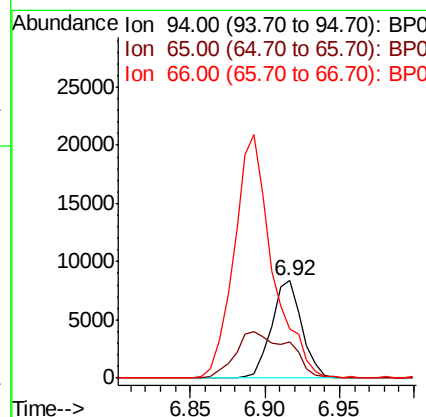
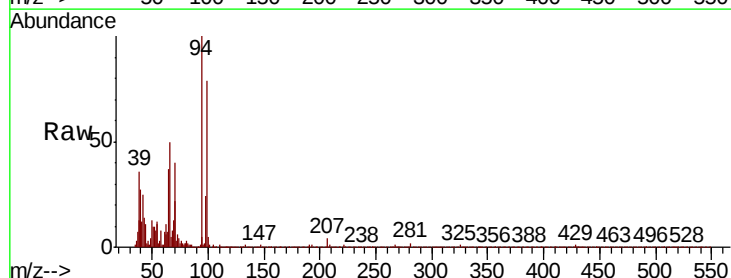
RT: 6.92 min Scan# 702

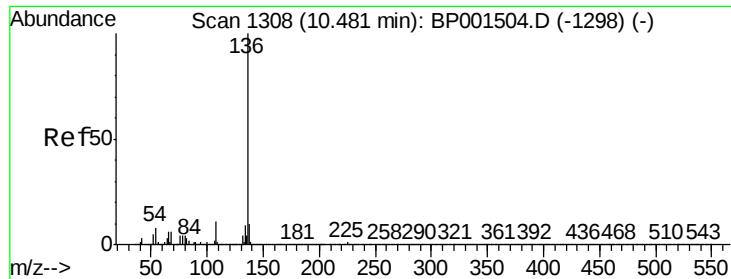
Delta R.T. 0.01 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	94	100	11795		
65	65	36.9		15.7	55.7
66	66	50.2		37.8	77.8





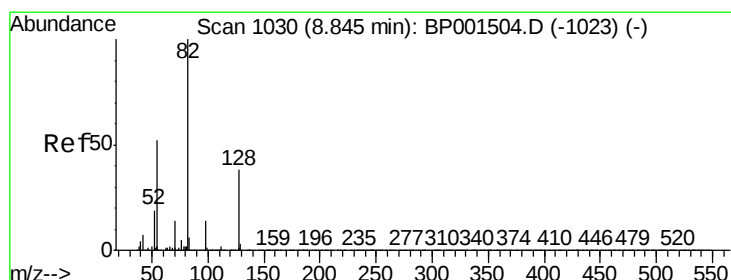
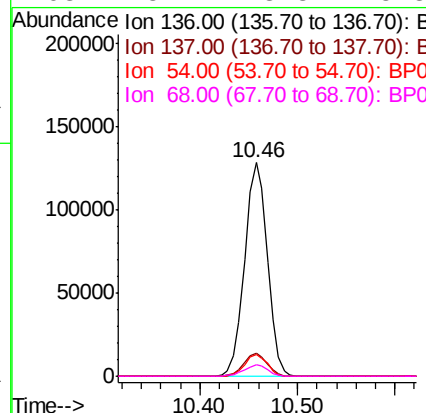
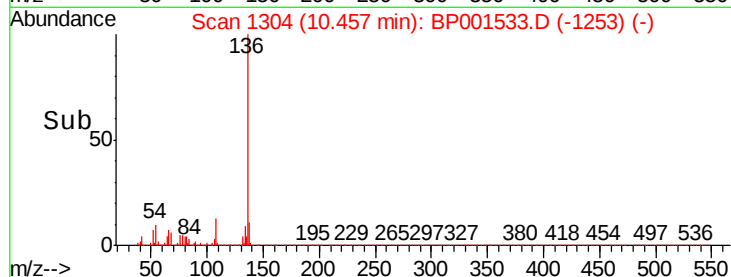
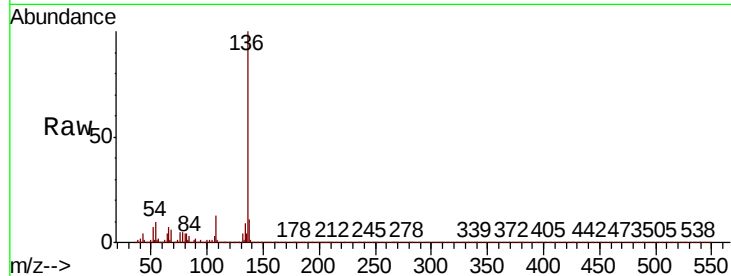
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Instrument :
BNA_P
ClientSampleId :
GP-7-(1-3)

Tot Ion	Ion	Ratio	Resp Lower	Upper
136	100			
137	11.0	8.4	12.6	
54	10.5	8.4	12.6	
68	5.7	3.8	5.8	

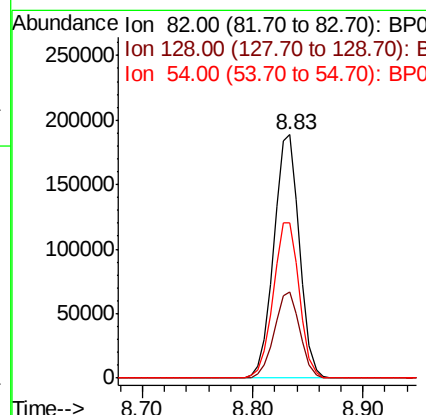
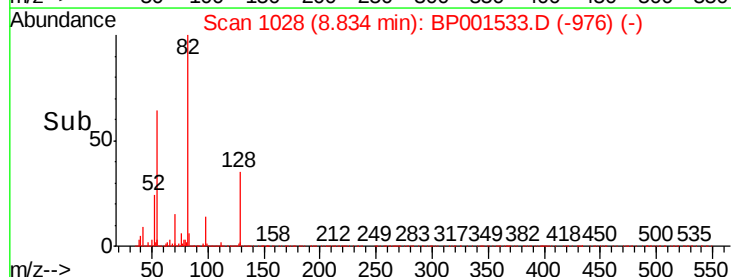
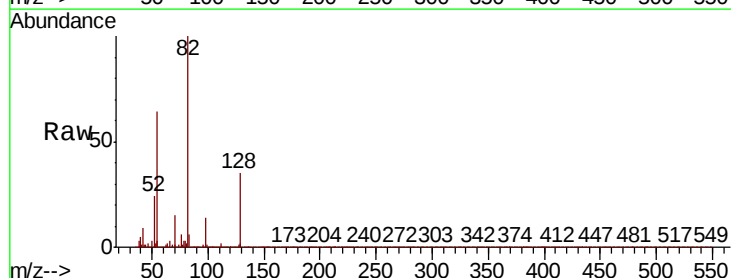
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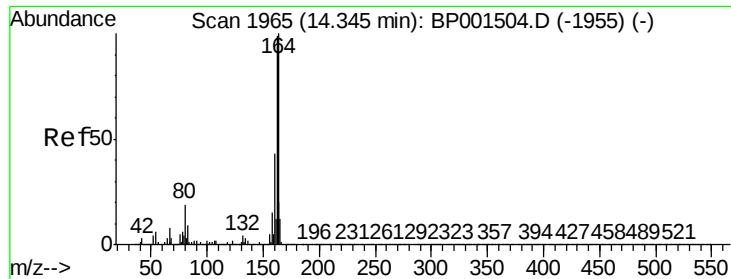
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#23
Nitrobenzene-d5
Concen: 72.652 ng
RT: 8.83 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Tgt Ion	Ion	Ratio	Resp Lower	Upper
82	100			
128	35.1	26.9	40.3	
54	63.8	51.8	77.8	





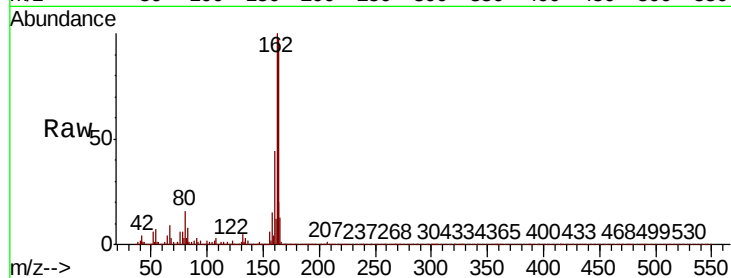
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Instrument :
BNA_P
ClientSampled :
GP-7-(1-3)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.0	118.4
160	45.1	34.1	51.1

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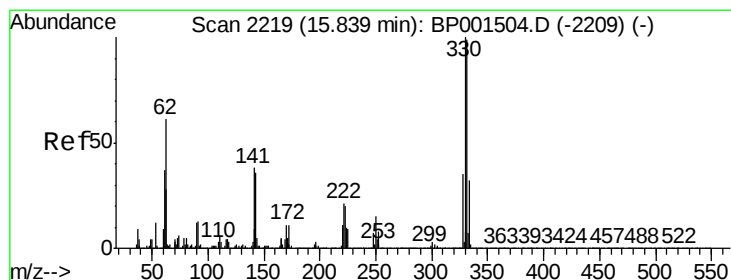
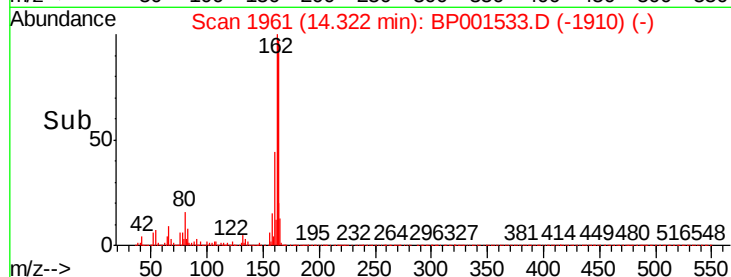
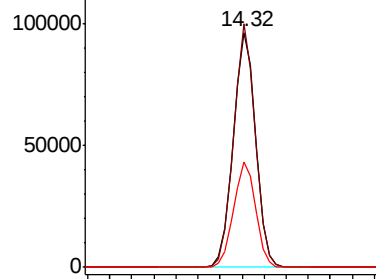


Abundance

Ion 164.00 (163.70 to 164.70): E

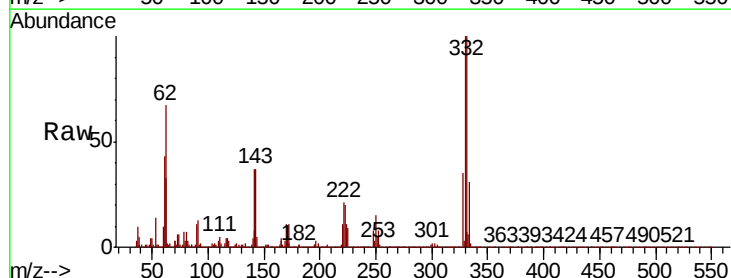
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 116.893 ng
RT: 15.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.0	117.0
141	36.5	28.7	43.1

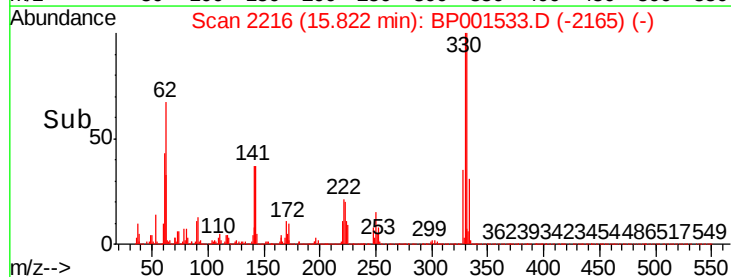
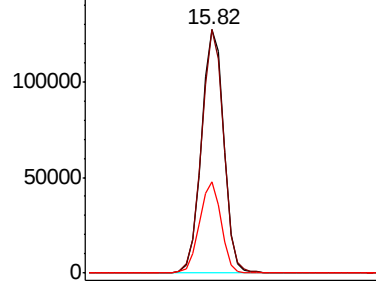


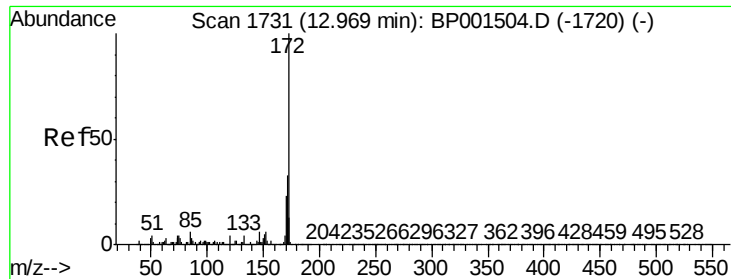
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





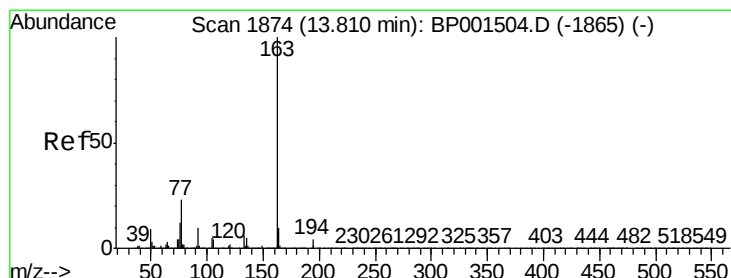
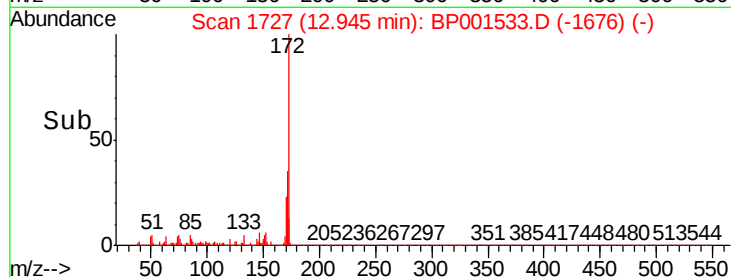
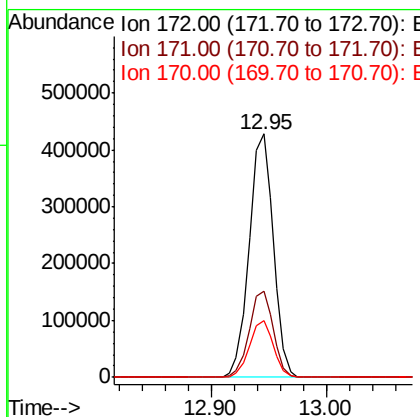
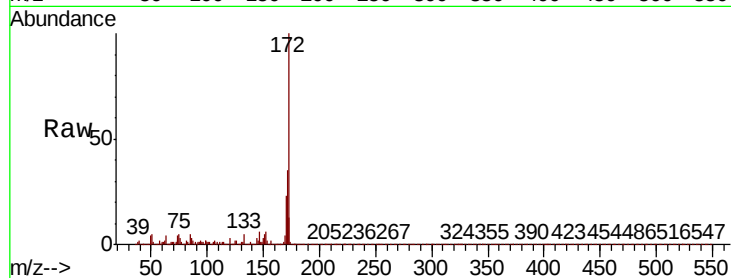
#45
2-Fluorobiphenyl
Concen: 66.796 ng
RT: 12.95 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Instrument :
BNA_P
Client Sampled :
GP-7-(1-3)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.0	42.0
170	23.2	18.6	27.8

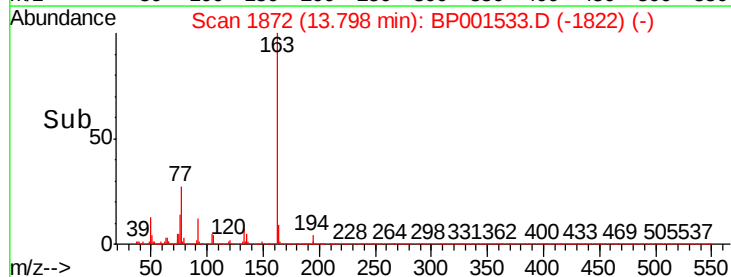
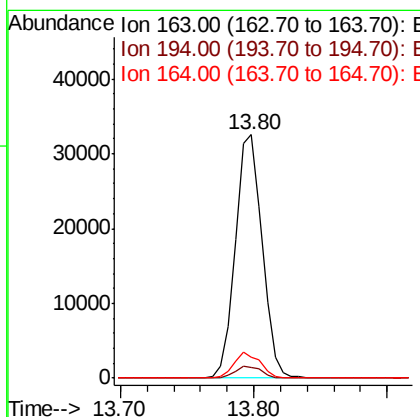
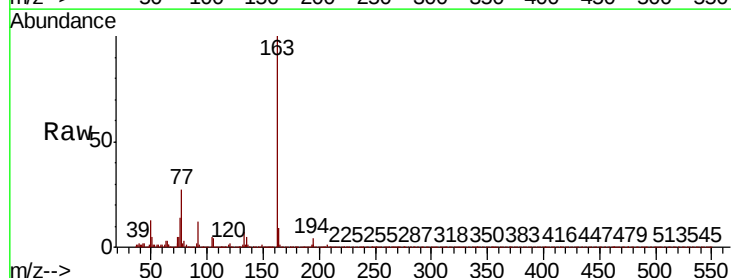
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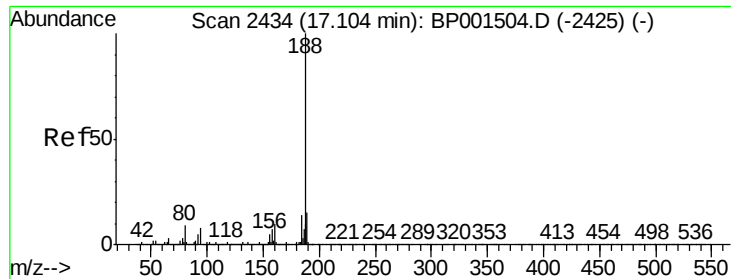
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#50
Dimethylphthalate
Concen: 4.231 ng
RT: 13.80 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	8.8	7.9	11.9





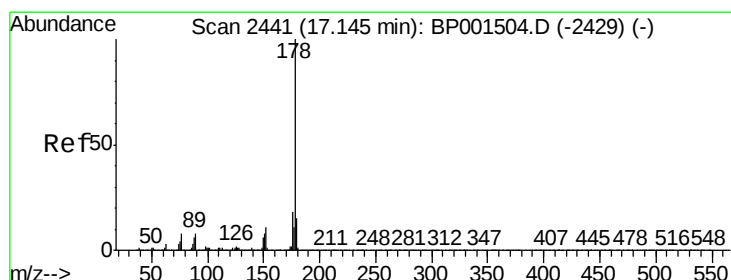
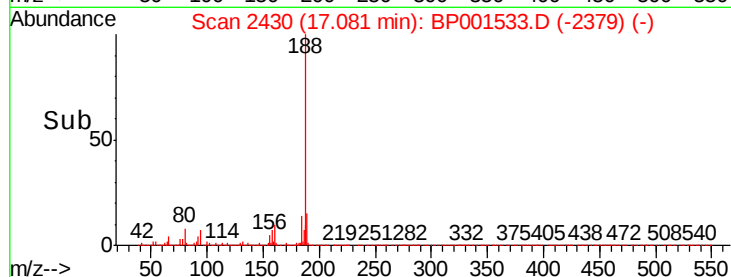
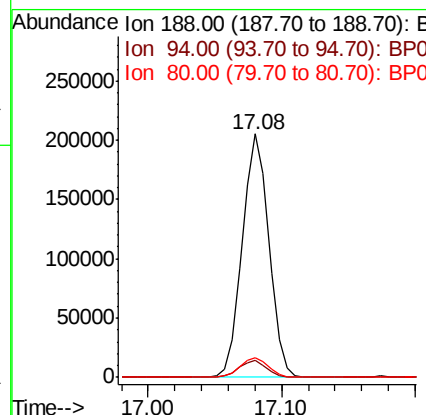
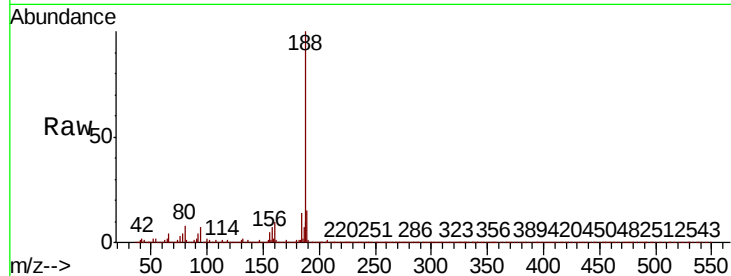
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Instrument :
BNA_P
ClientSampled :
GP-7-(1-3)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	5.4	8.0
80	8.1	6.3	9.5

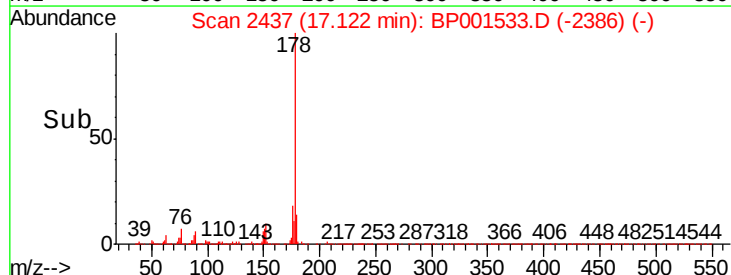
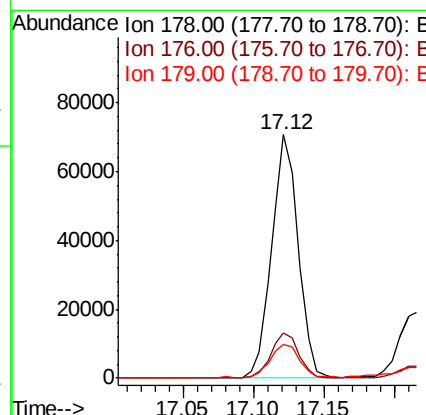
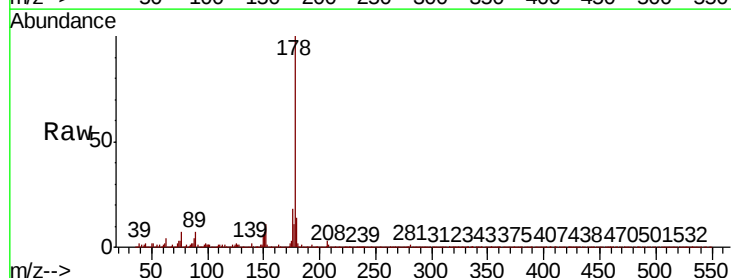
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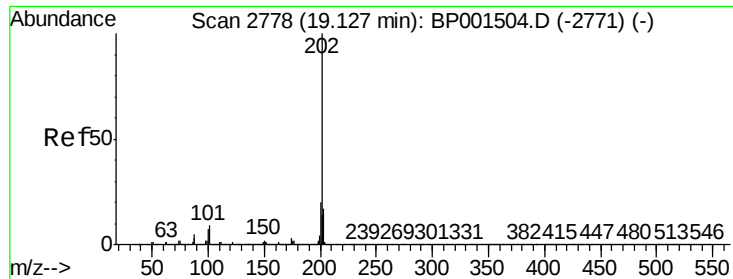
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#71
Phenanthrene
Concen: 6.066 ng
RT: 17.12 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	15.1	22.7
179	13.8	12.2	18.4





#75

Fluoranthene

Concen: 11.652 ng

RT: 19.10 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Instrument :

BNA_P

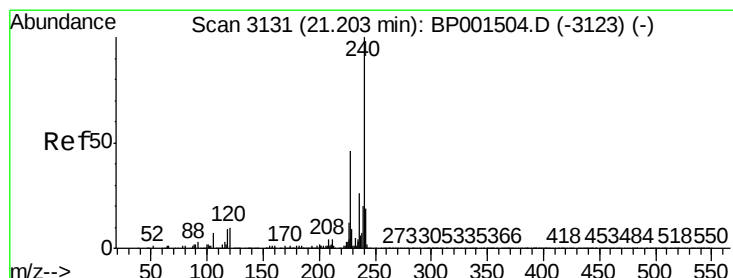
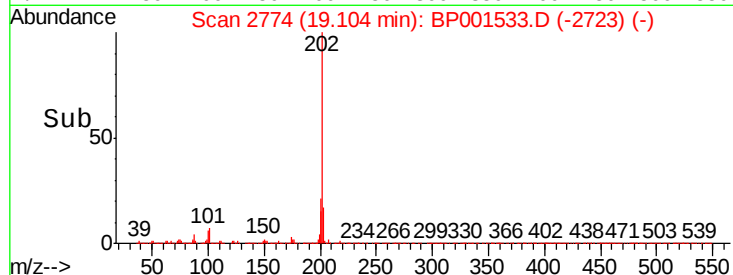
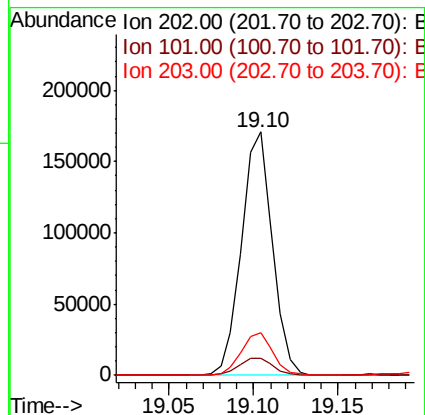
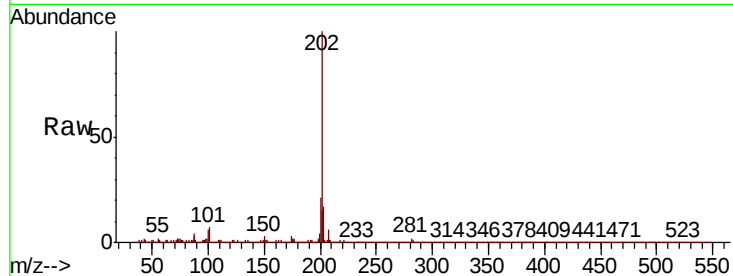
ClientSampleId :

GP-7-(1-3)

Tot Ion:	202	Resp:	216489
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	27.1
203	17.3	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

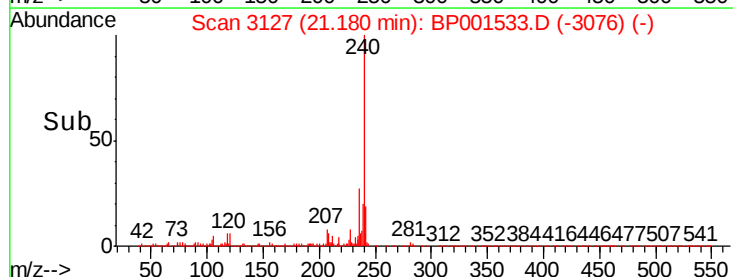
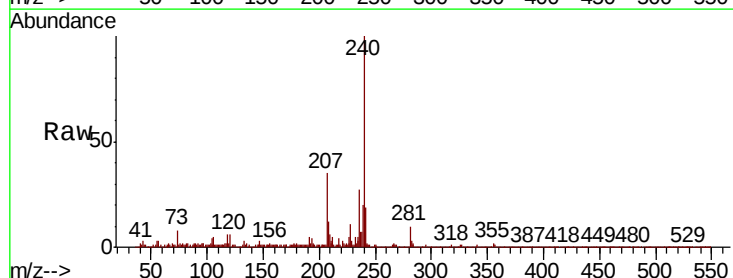
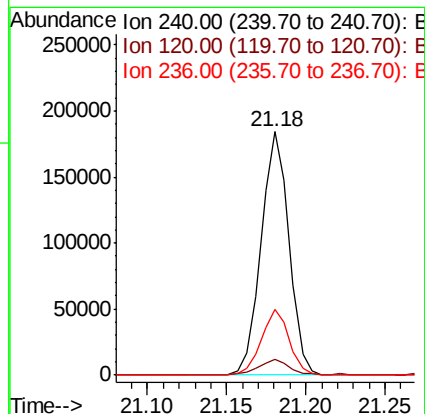
RT: 21.18 min Scan# 3127

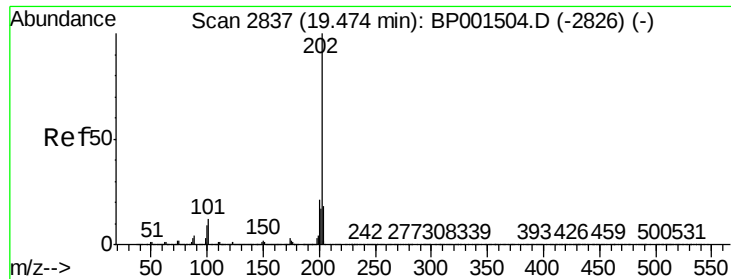
Delta R.T. -0.00 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Tgt Ion:	240	Resp:	223957
Ion Ratio	Lower	Upper	
240	100		
120	6.4	5.2	7.8
236	26.9	21.4	32.2





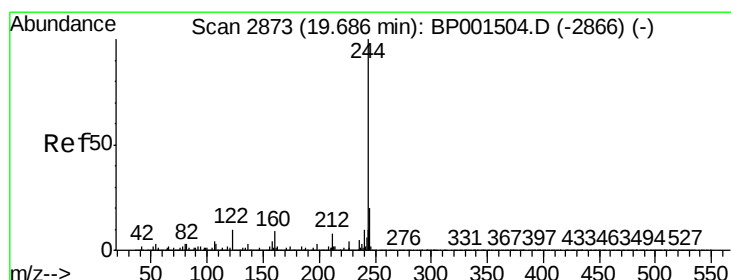
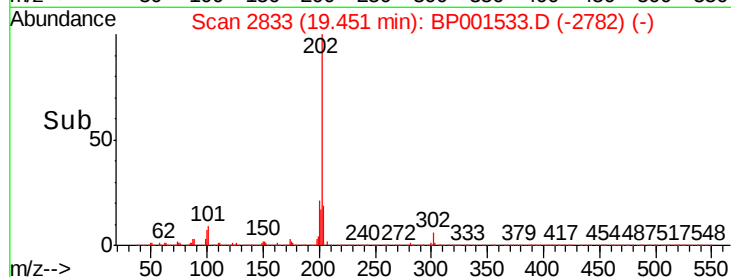
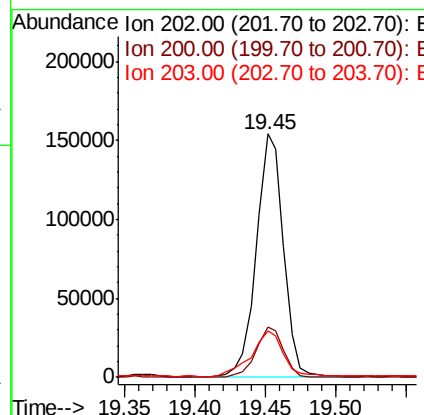
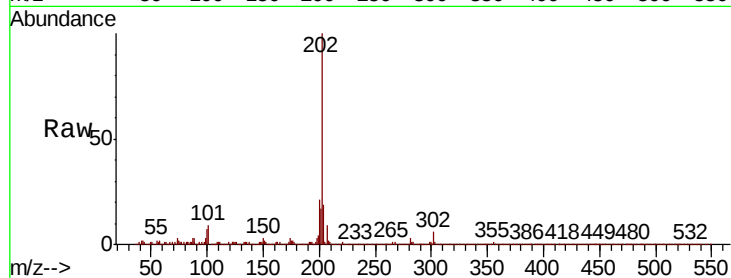
#78
Pvrene
Concen: 12.759 ng
RT: 19.45 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Instrument :
BNA_P
ClientSampleId :
GP-7-(1-3)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.8	16.2	24.4		
203	18.9	13.6	20.4		

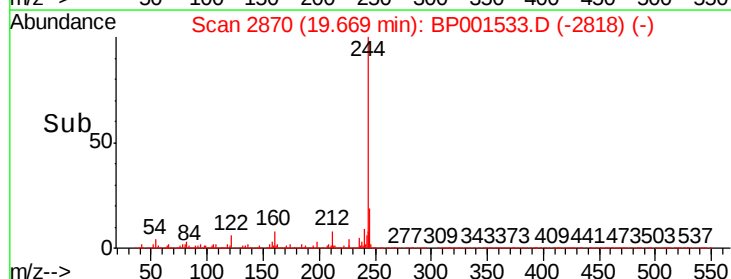
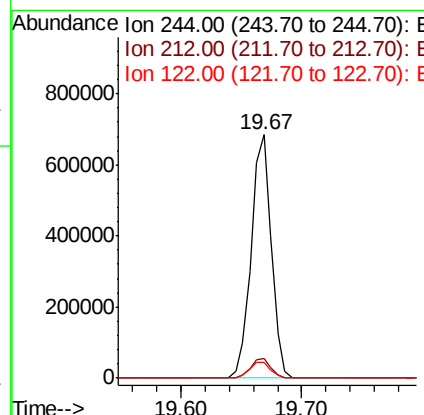
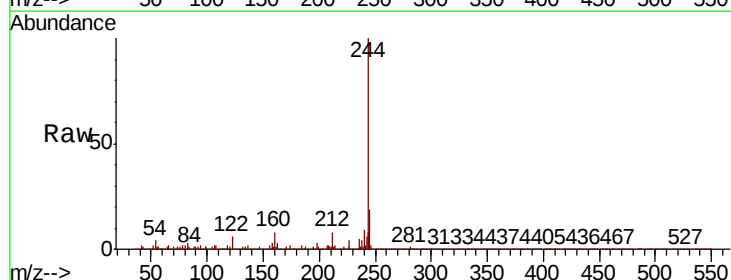
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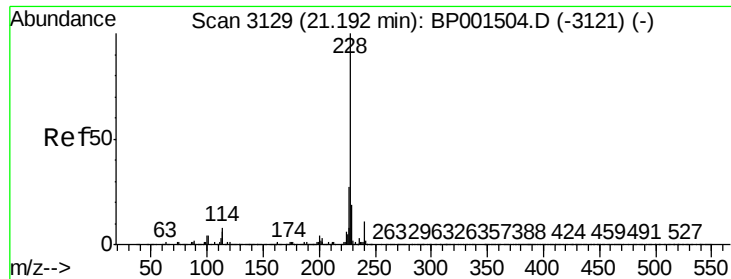
mohammad
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#79
Terphenyl-d14
Concen: 70.885 ng
RT: 19.67 min Scan# 2870
Delta R.T. 0.01 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	8.2	6.7	10.1		
122	6.4	6.0	9.0		





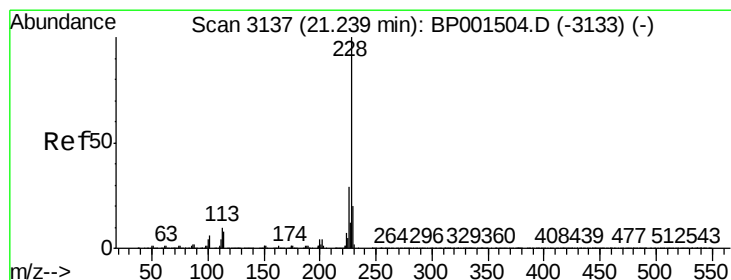
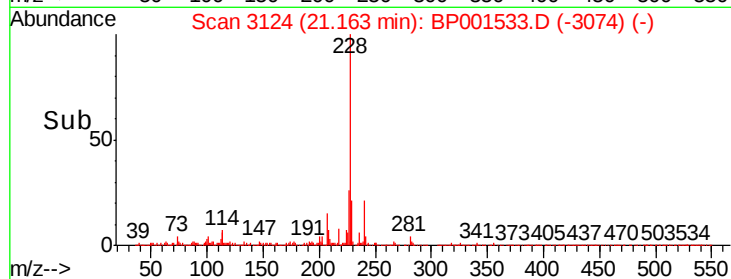
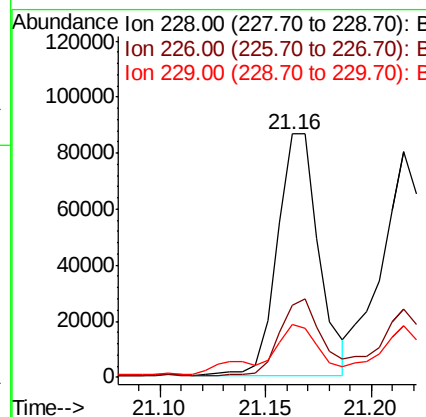
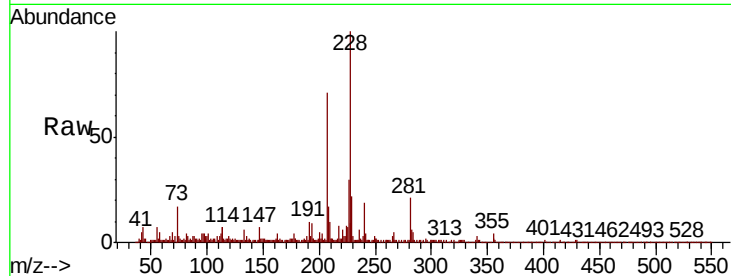
#81
Benzo(a)anthracene
Concen: 7.535 ng
RT: 21.16 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Instrument :
BNA_P
ClientSampleId :
GP-7-(1-3)

Tot Ion:	228	Resp:	118415
Ion Ratio	Lower	Upper	
228	100		
226	29.5	21.4	32.2
229	21.6	15.5	23.3

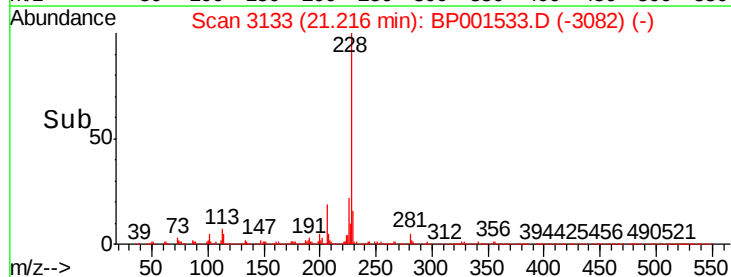
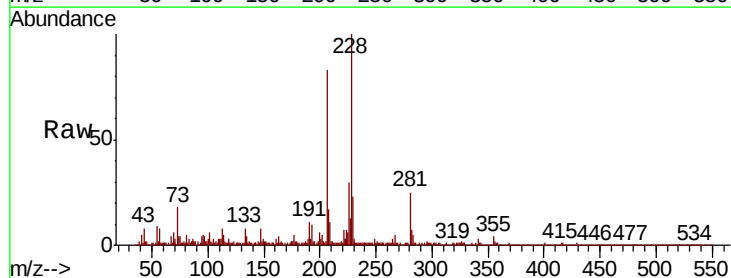
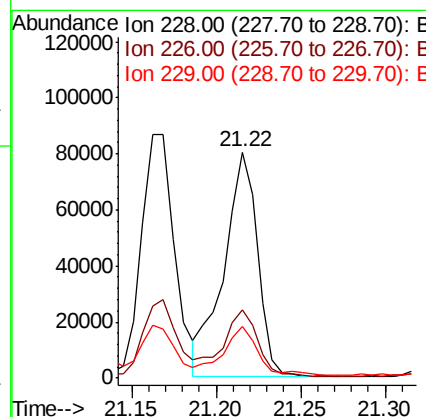
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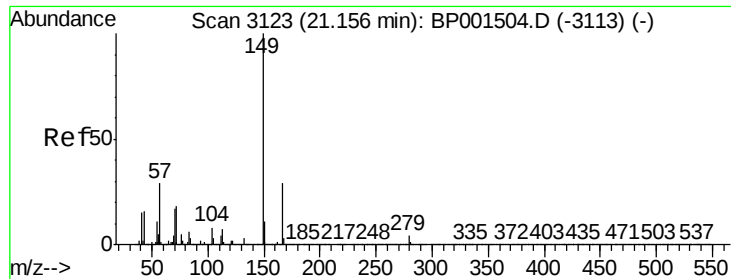
mohammad
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#83
Chrysene
Concen: 7.357 ng
RT: 21.22 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Tgt Ion:	228	Resp:	110845
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.1	34.7
229	23.0	15.6	23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.568 ng

RT: 21.13 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Instrument :

BNA_P

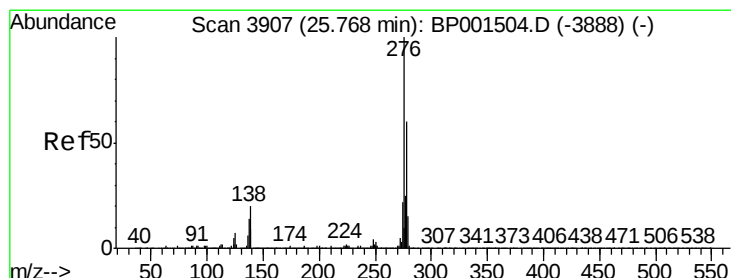
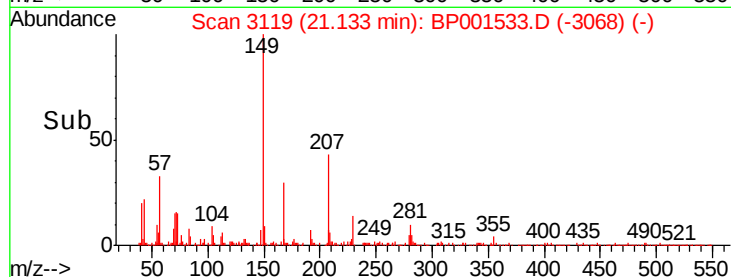
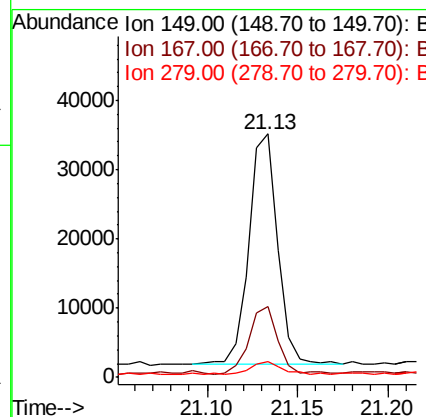
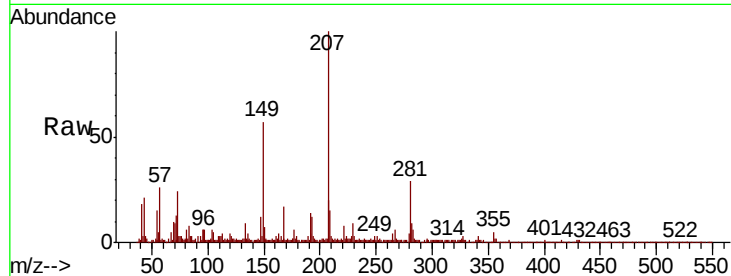
ClientSampleId :

GP-7-(1-3)

Tot Ion:	149	Resp:	36553
Ion Ratio	Lower	Upper	
149	100		
167	29.3	24.0	36.0
279	6.7	4.2	6.4#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.509 ng

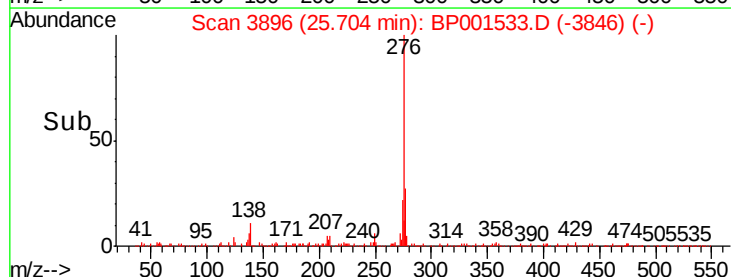
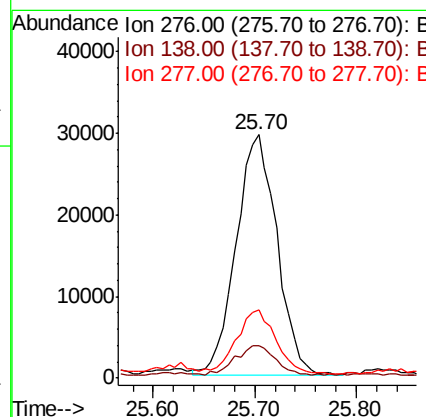
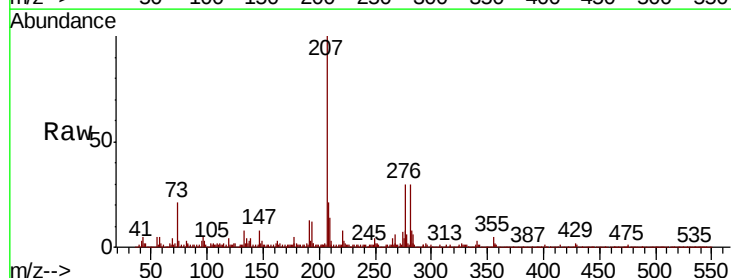
RT: 25.70 min Scan# 3896

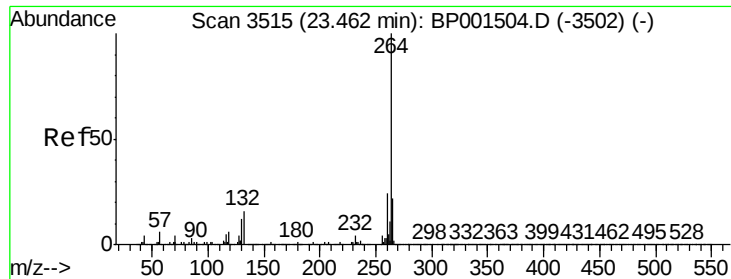
Delta R.T. -0.01 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Tgt Ion:	276	Resp:	82686
Ion Ratio	Lower	Upper	
276	100		
138	12.5	11.0	16.6
277	25.9	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Instrument :

BNA_P

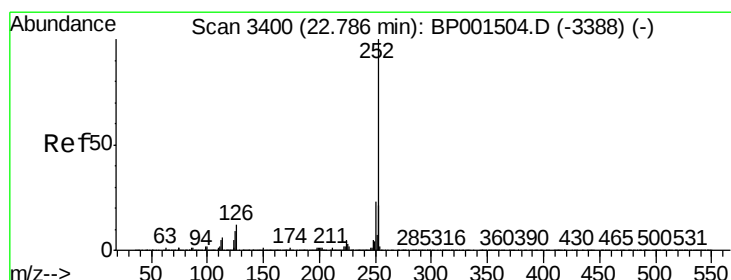
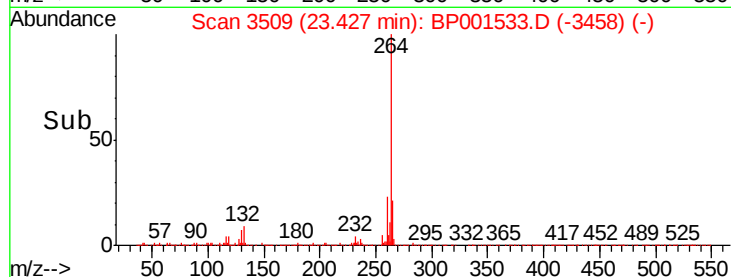
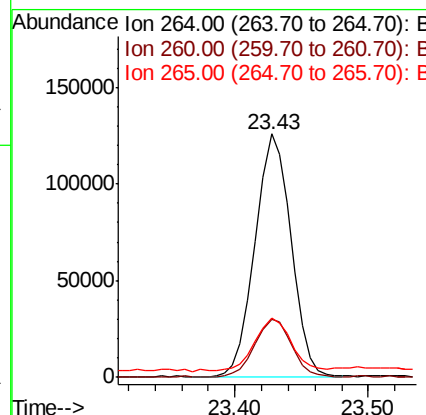
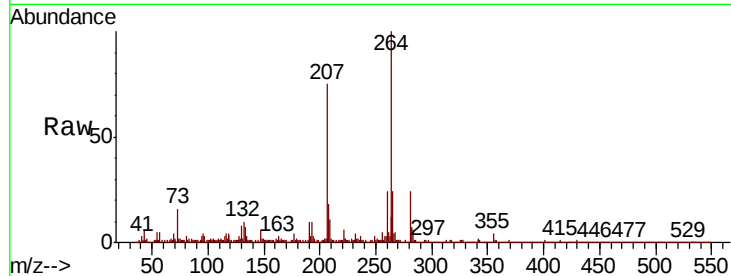
ClientSampleId :

GP-7-(1-3)

Tot Ion:	264	Resp:	233792
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.6	27.8
265	24.1	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 11.214 ng

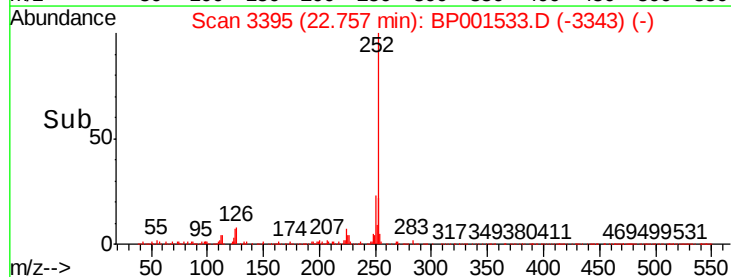
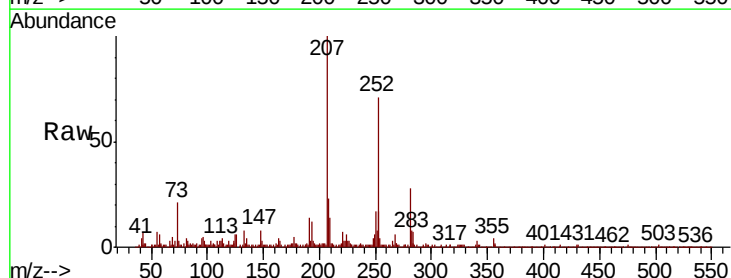
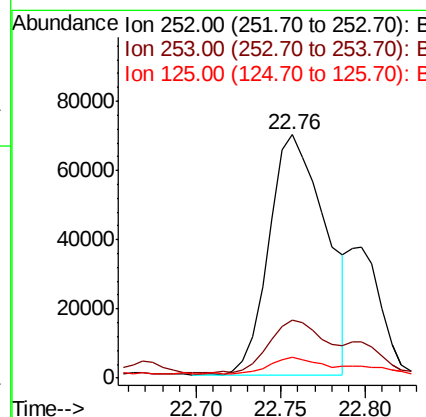
RT: 22.76 min Scan# 3395

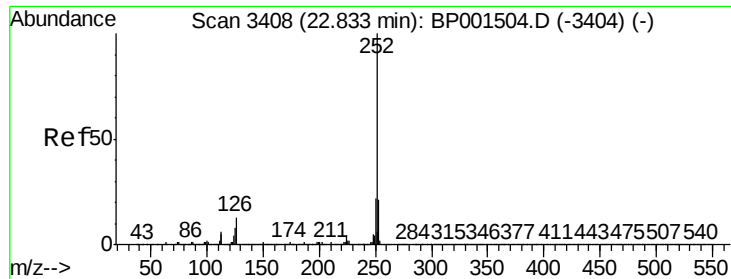
Delta R.T. 0.01 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Tgt Ion:	252	Resp:	162335
Ion Ratio	Lower	Upper	
252	100		
253	24.1	16.7	25.1
125	8.6	4.2	6.2#





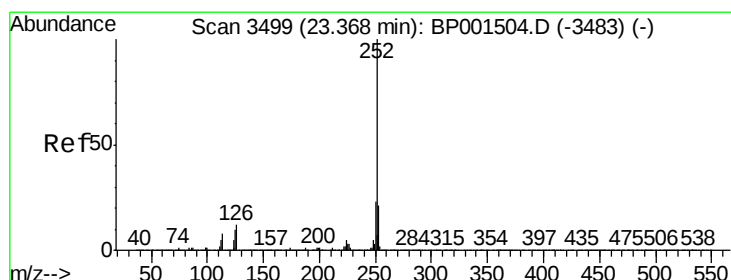
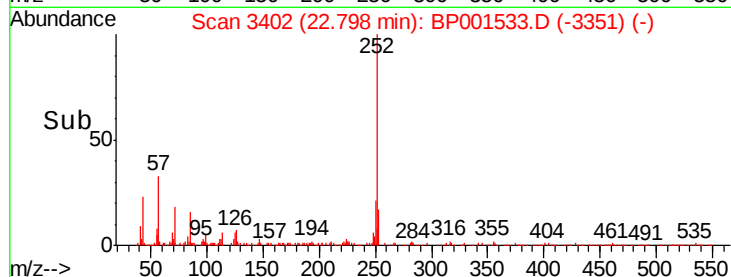
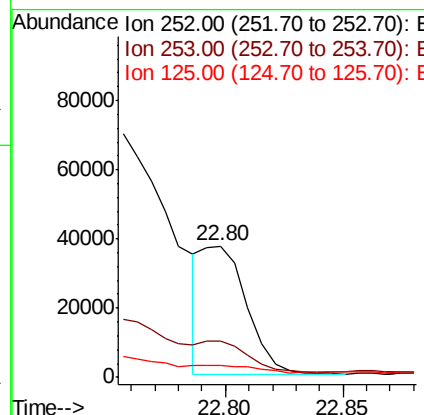
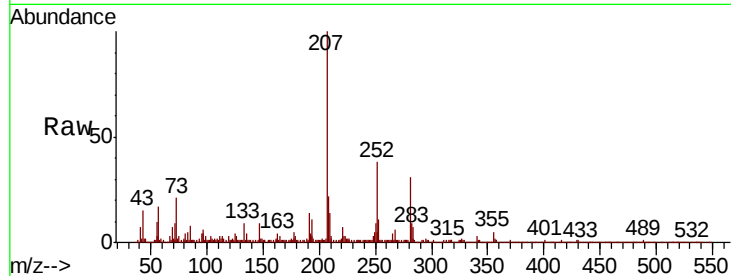
#89
Benzo(k)fluoranthene
Concen: 3.571 ng m
RT: 22.80 min Scan# 3402
Delta R.T. -0.00 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Instrument :
BNA_P
Client Sample Id :
GP-7-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.3	25.9#
125	9.5	4.8	7.2#

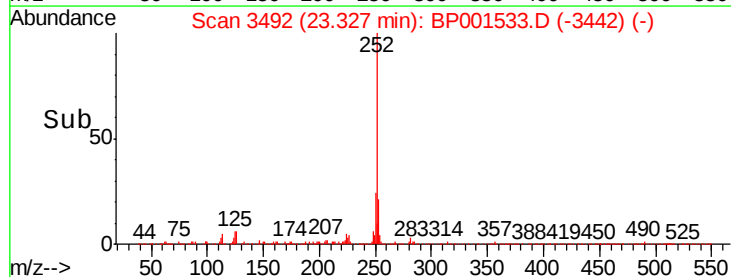
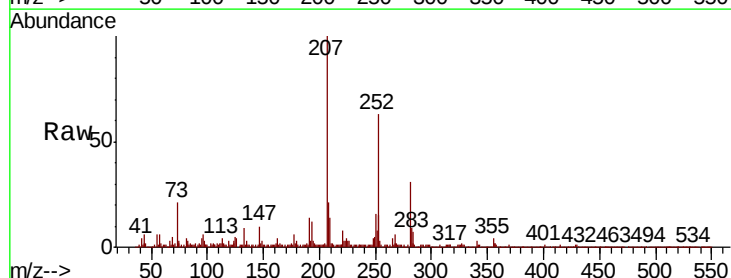
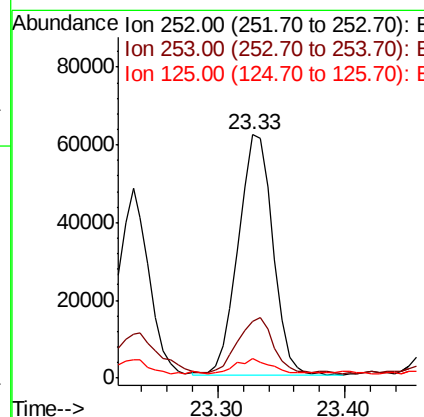
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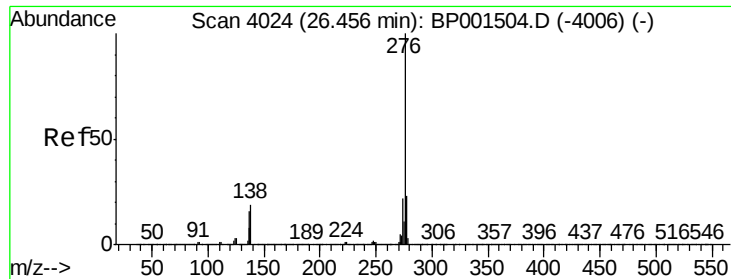
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#90
Benzo(a)pyrene
Concen: 8.649 ng
RT: 23.33 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP001533.D
Acq: 06 Jan 2020 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	8.2	4.6	6.8#





#92

Benzo(a,h,i)perylene

Concen: 6.106 ng

RT: 26.40 min Scan# 4014

Delta R.T. -0.00 min

Lab File: BP001533.D

Acq: 06 Jan 2020 17:05

Instrument :

BNA_P

ClientSampleId :

GP-7-(1-3)

Tot Ion:	276	Resp:	82021
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.9	28.3
138	13.7	10.1	15.1

Manual Integrations
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