

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002471.D
 Acq On : 19 Jun 2020 22:16
 Operator : CG/JU
 Sample : L3037-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SL-WC-03C

Manual Integrations
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Quant Time: Jun 20 03:49:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	263191	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	968213	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	485771	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	889021	20.00	ng	0.00
76) Chrysene-d12	21.10	240	802837	20.00	ng	-0.01
86) Perylene-d12	23.30	264	770562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1904538	133.90	ng	0.00
7) Phenol-d6	6.78	99	2459029	129.85	ng	0.00
23) Nitrobenzene-d5	8.73	82	1711609	105.57	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	617960	132.87	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2957662	102.37	ng	0.00
79) Terphenyl-d14	19.58	244	3076936	105.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.70	163	209313	6.289	ng	Qvalue 100
71) Phenanthrene	17.03	178	273127	6.568	ng	99
72) Anthracene	17.12	178	103883	2.515	ng	99
75) Fluoranthene	19.02	202	548963	11.059	ng	99
78) Pyrene	19.37	202	543213	11.046	ng	98
81) Benzo(a)anthracene	21.08	228	298920	6.523	ng	94
83) Chrysene	21.13	228	299651	6.902	ng	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	167214	3.469	ng	96
88) Benzo(b)fluoranthene	22.64	252	355855	8.564	ng	# 88
89) Benzo(k)fluoranthene	22.67	252	106722m	2.703	ng	
90) Benzo(a)pyrene	23.20	252	259131	6.654	ng	# 94
92) Benzo(a,h,i)perylene	26.19	276	199469	4.982	ng	97

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

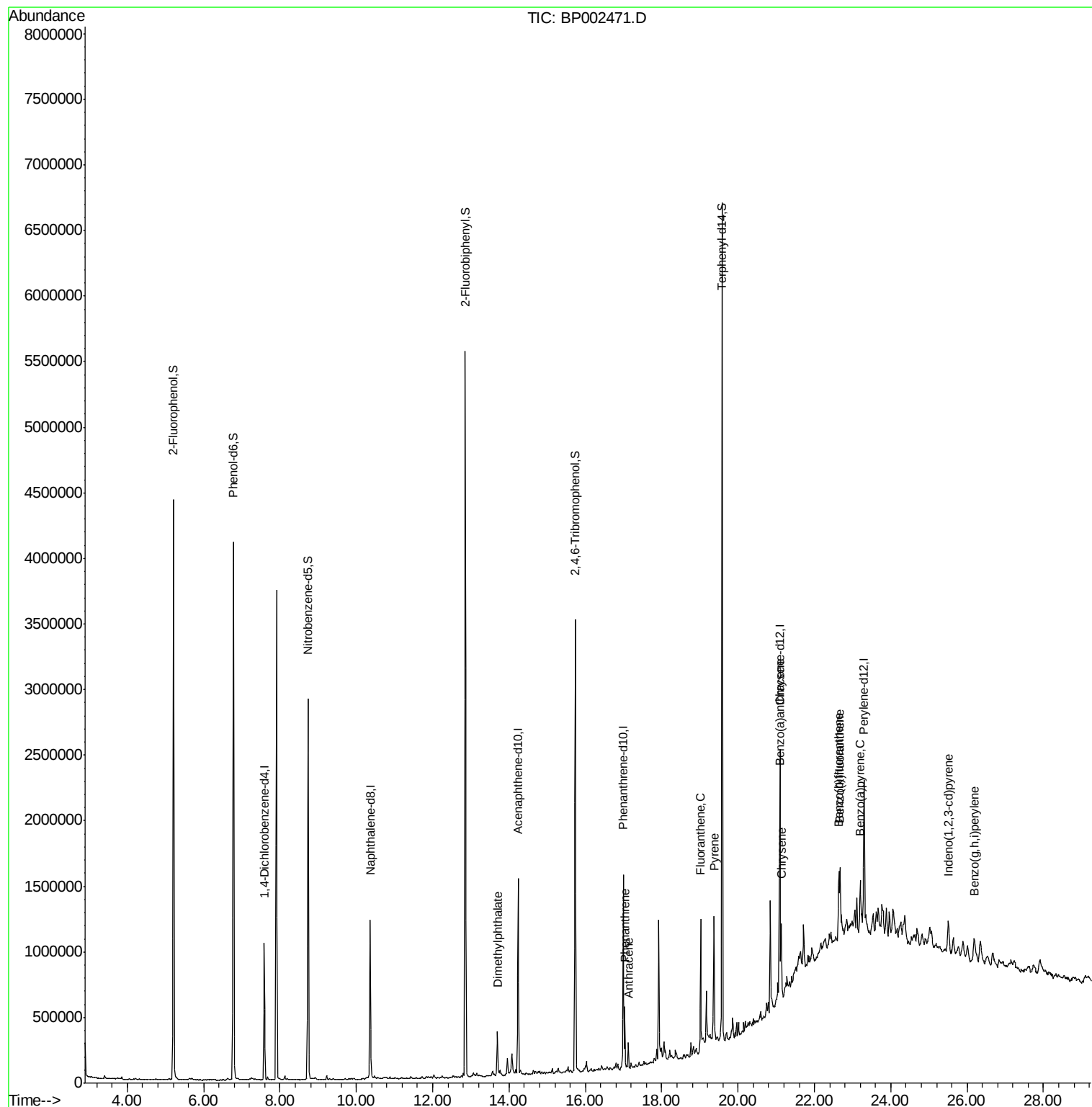
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002471.D
Acq On : 19 Jun 2020 22:16
Operator : CG/JU
Sample : L3037-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

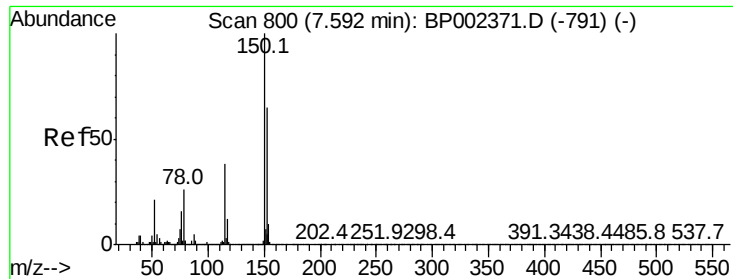
Instrument :
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ClientSampleId :
SL-WC-03C

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Quant Time: Jun 20 03:49:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002471.D

Acq: 19 Jun 2020 22:16

Instrument :

BNA_P

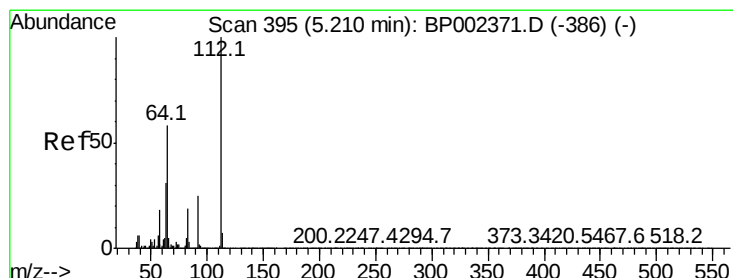
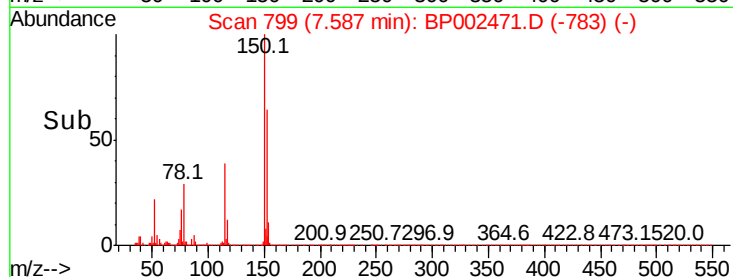
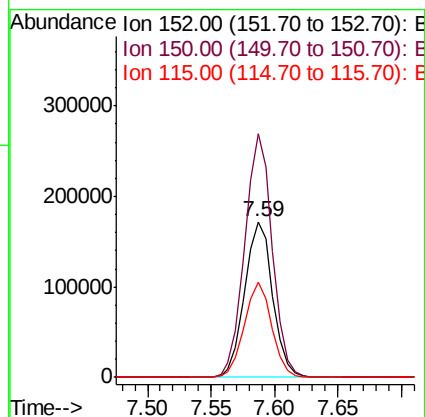
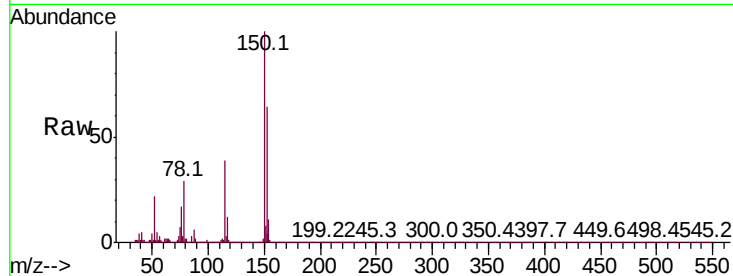
ClientSampleId :

SL-WC-03C

Tot Ion:	152	Resp:	263191
Ion Ratio	Lower	Upper	
152	100		
150	156.4	124.0	186.0
115	61.2	47.4	71.0

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#5

2-Fluorophenol

Concen: 133.902 ng

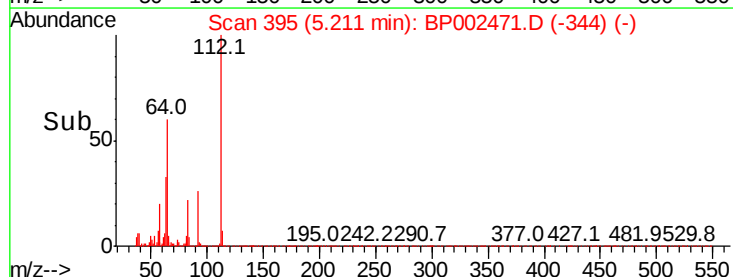
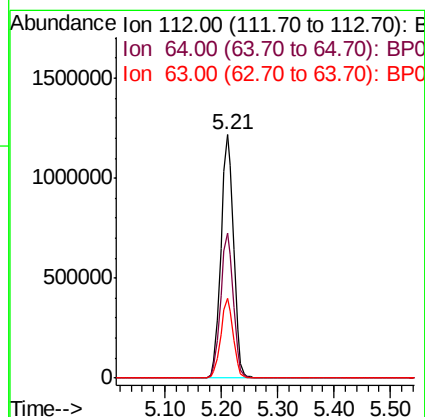
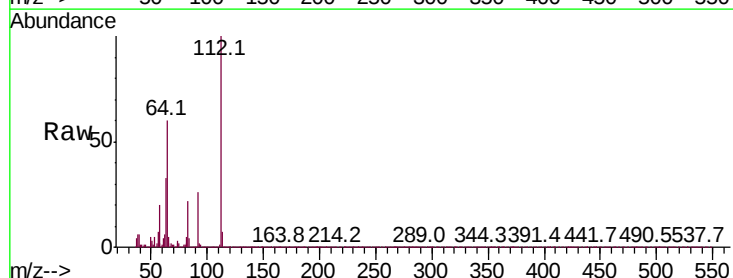
RT: 5.21 min Scan# 395

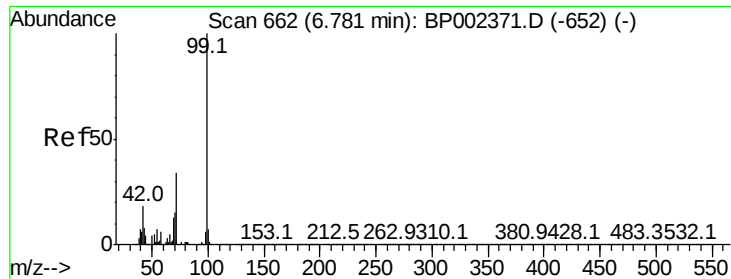
Delta R.T. 0.00 min

Lab File: BP002471.D

Acq: 19 Jun 2020 22:16

Tgt Ion:	112	Resp:	1904538
Ion Ratio	Lower	Upper	
112	100		
64	59.8	46.2	69.2
63	32.7	24.5	36.7





#7

Phenol-d6

Concen: 129.854 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002471.D

Acq: 19 Jun 2020 22:16

Instrument :

BNA_P

ClientSampleId :

SL-WC-03C

Tot Ion: 99 Resp: 2459029

Ion Ratio Lower Upper

99 100

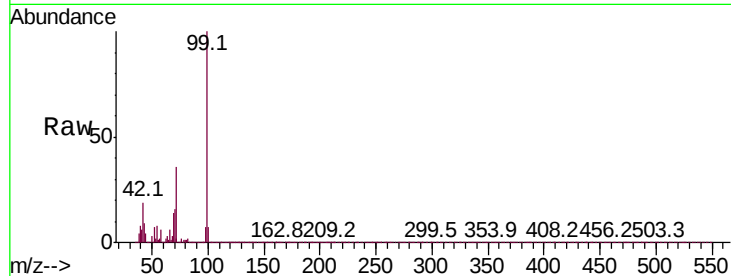
42 19.4 14.6 22.0

71 36.5 27.2 40.8

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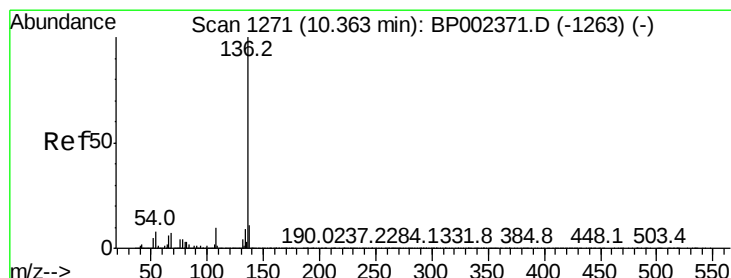
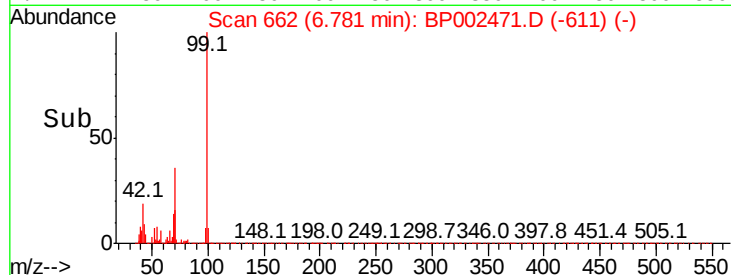
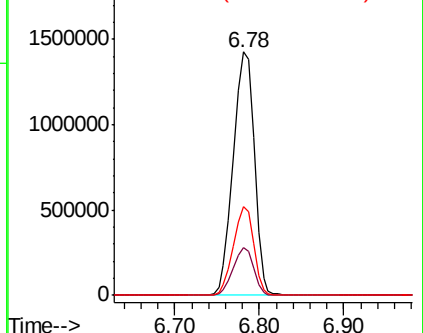
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002471.D

Acq: 19 Jun 2020 22:16

Tgt Ion: 136 Resp: 968213

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.7 6.4 9.6

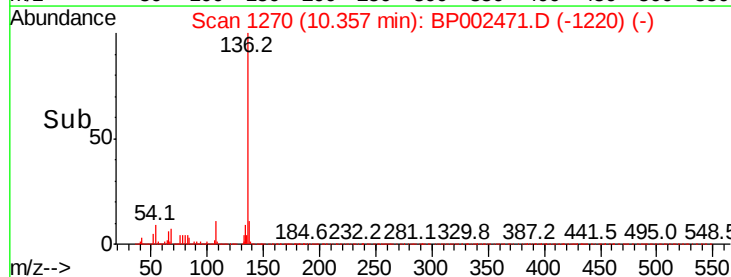
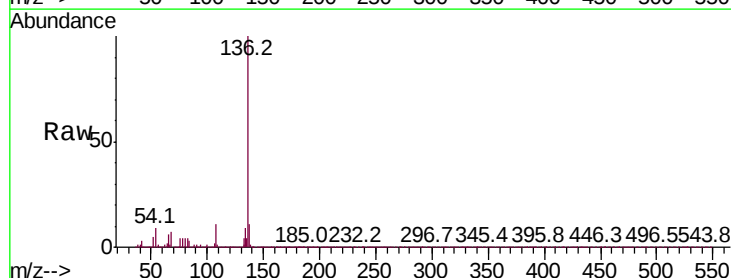
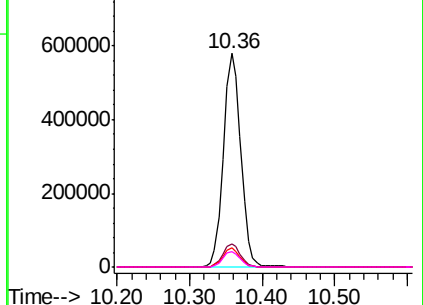
68 6.9 5.6 8.4

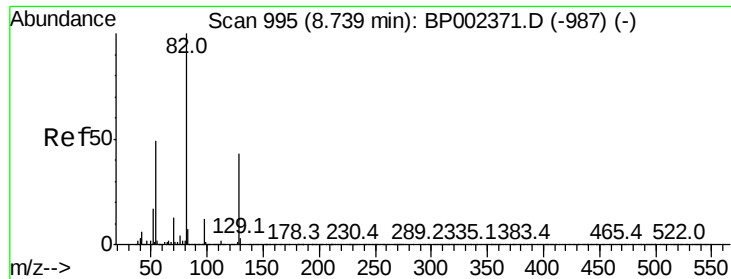
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0





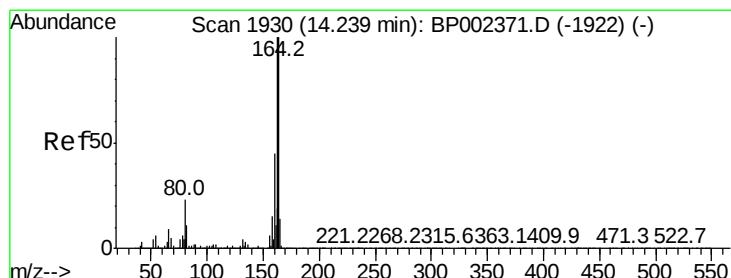
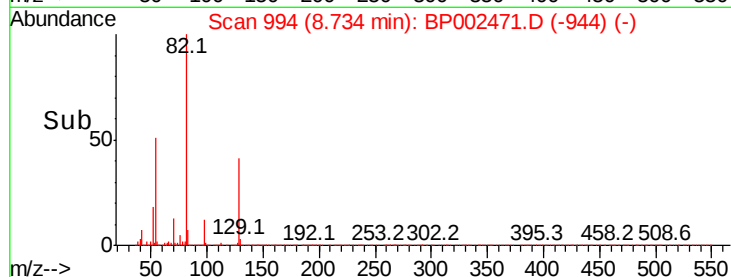
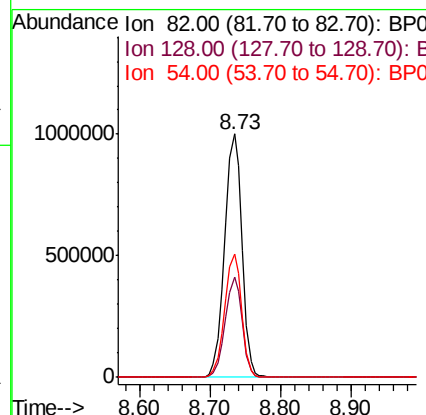
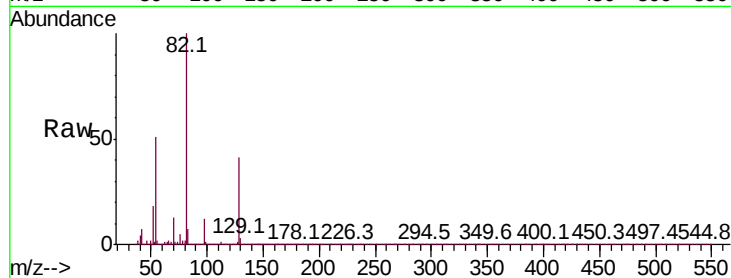
#23
 Nitrobenzene-d5
 Concen: 105.571 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002471.D
 Acq: 19 Jun 2020 22:16

Instrument :
 BNA_P
 ClientSampleId :
 SL-WC-03C

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.5	51.7
54	50.6	39.4	59.2

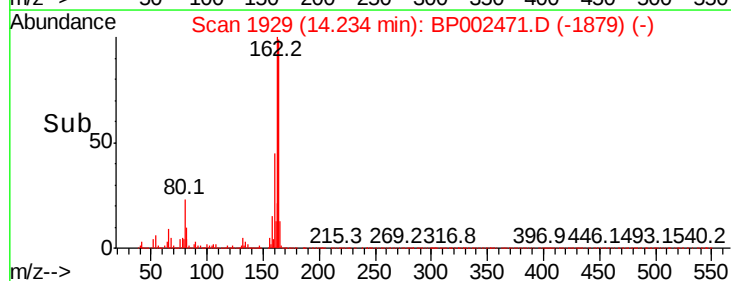
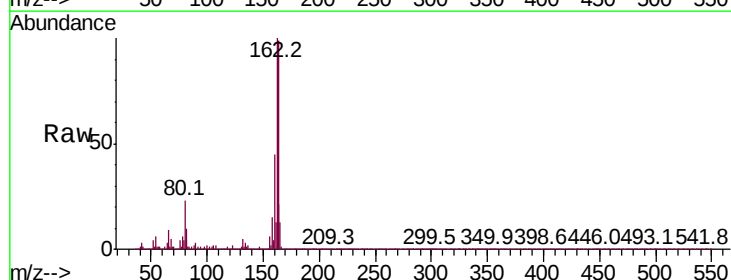
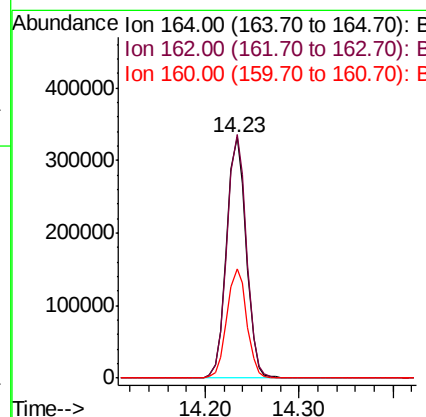
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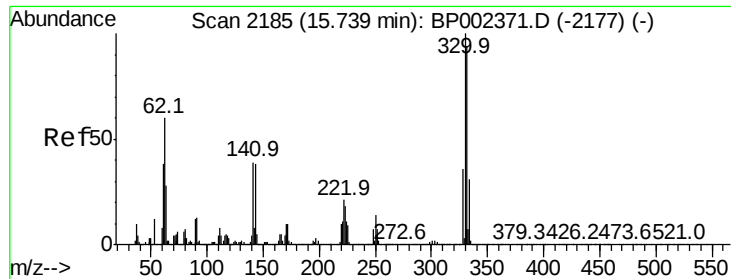
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002471.D
 Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.8	119.8
160	45.5	36.2	54.2





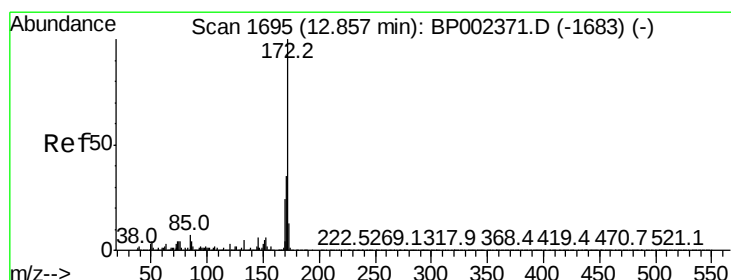
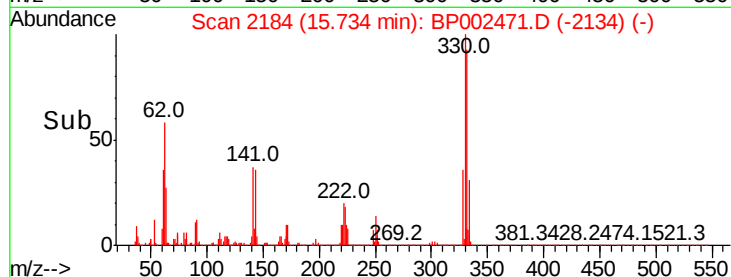
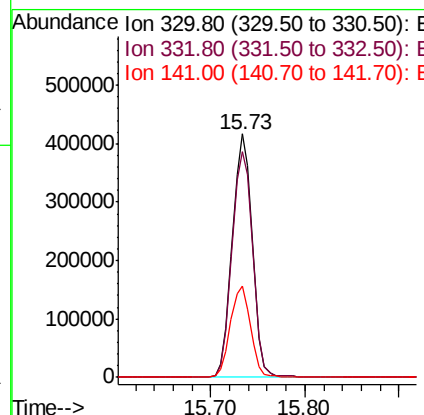
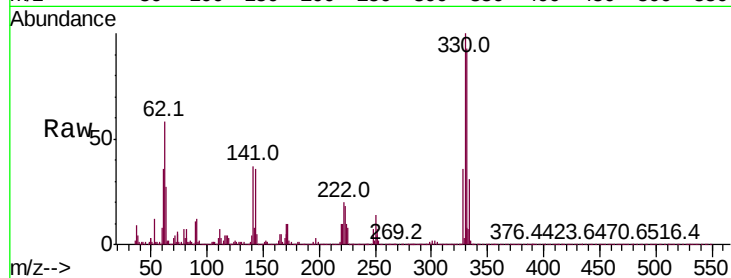
#42
 2,4,6-Tribromophenol
 Concen: 132.869 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002471.D
 Acq: 19 Jun 2020 22:16

Instrument :
 BNA_P
 ClientSampled :
 SL-WC-03C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.0	30.3	45.5

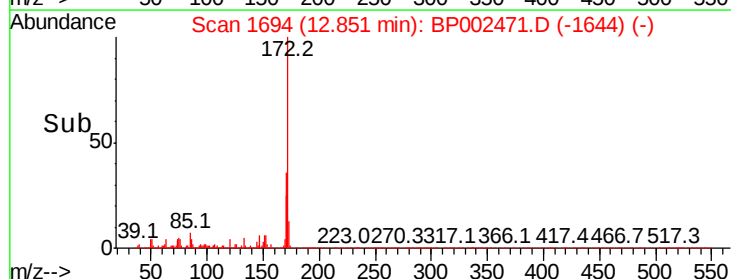
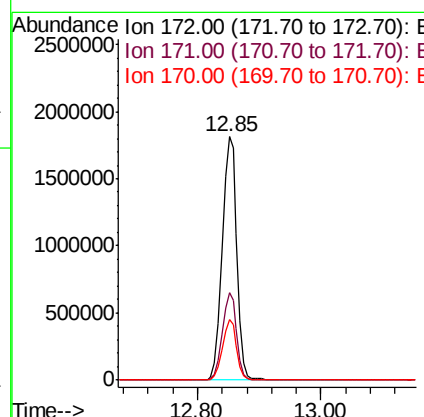
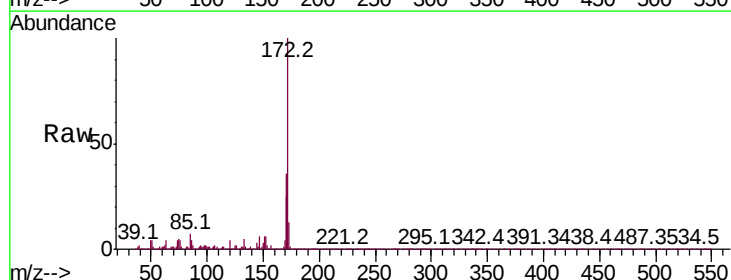
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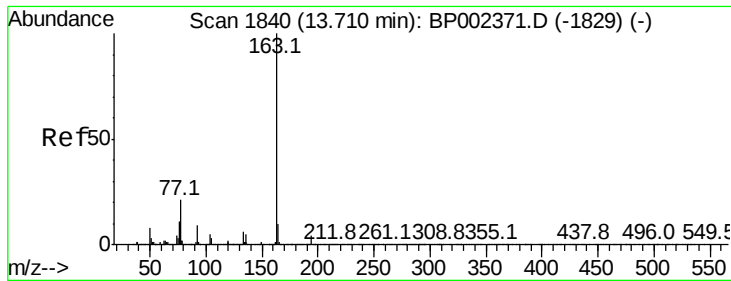
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#45
 2-Fluorobiphenyl
 Concen: 102.375 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002471.D
 Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.8
170	24.7	19.0	28.6





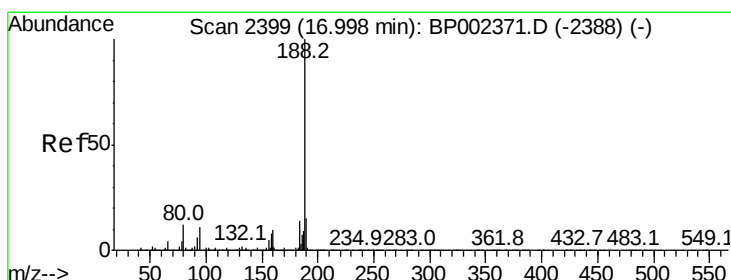
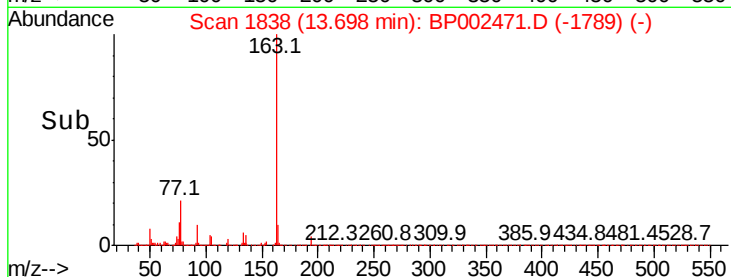
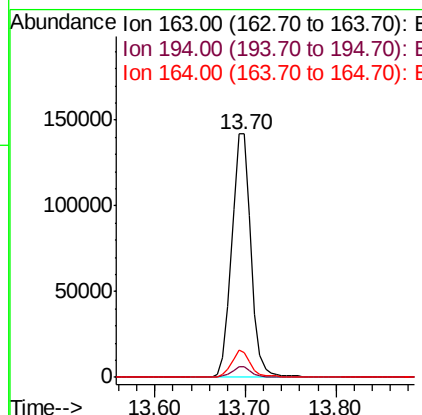
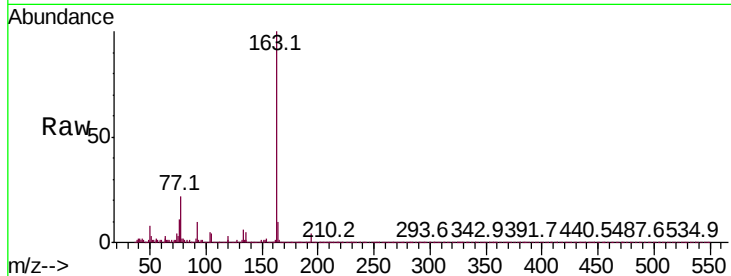
#50
Dimethylphthalate
Concen: 6.289 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Instrument :
BNA_P
ClientSampleId :
SL-WC-03C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	209313		
194	4.3		3.4	5.0
164	10.0		8.1	12.1

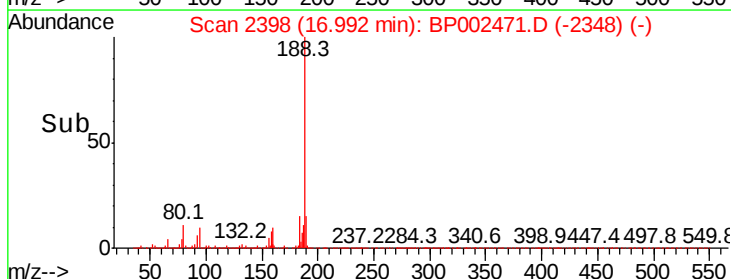
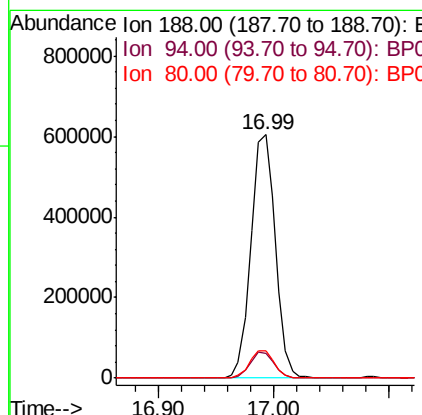
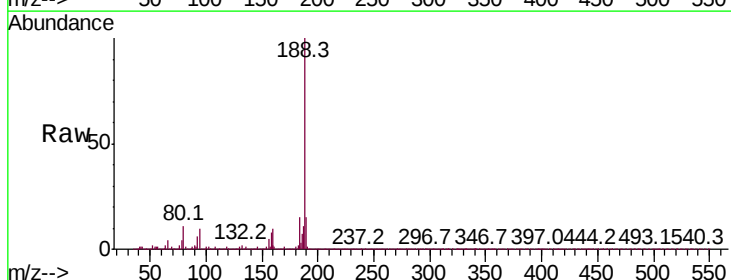
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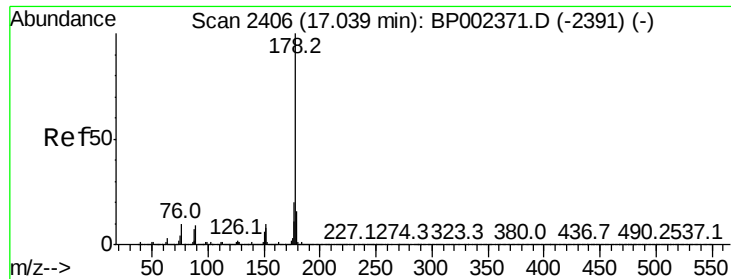
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	889021		
94	10.4		8.5	12.7
80	11.4		9.4	14.0





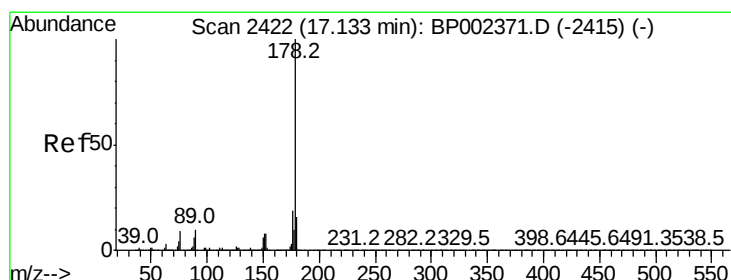
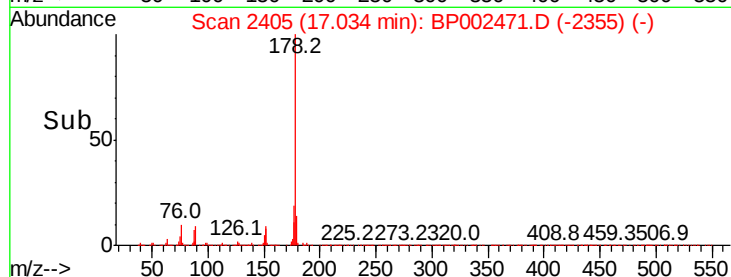
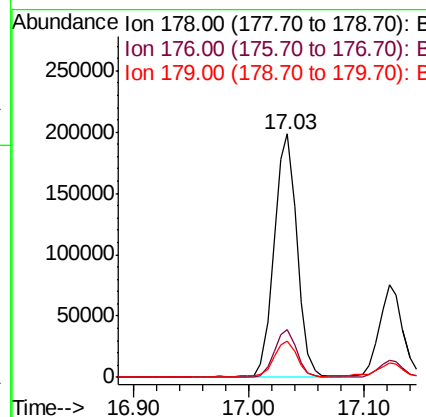
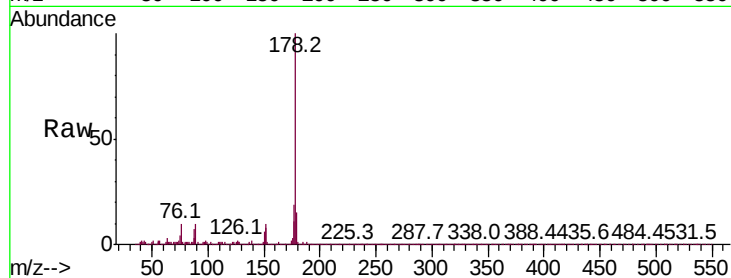
#71
Phenanthrene
Concen: 6.568 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Instrument :
BNA_P
ClientSampleId :
SL-WC-03C

Tot Ion:	178	Resp:	273127
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.8	23.6
179	14.7	12.5	18.7

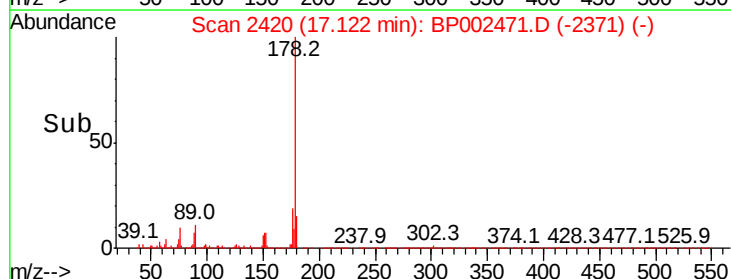
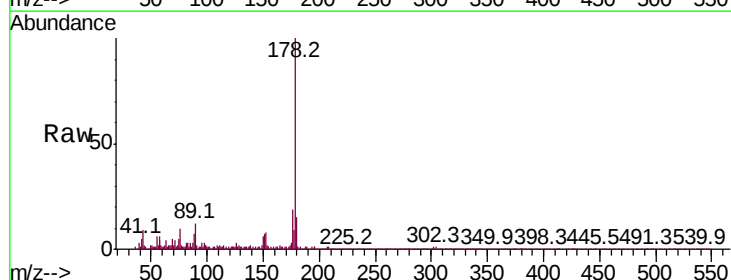
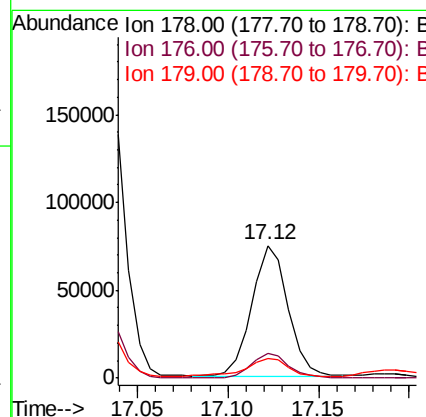
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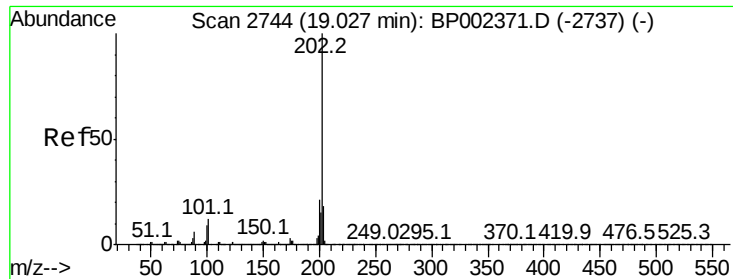
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#72
Anthracene
Concen: 2.515 ng
RT: 17.12 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Tgt Ion:	178	Resp:	103883
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.5	23.3
179	15.2	13.0	19.4





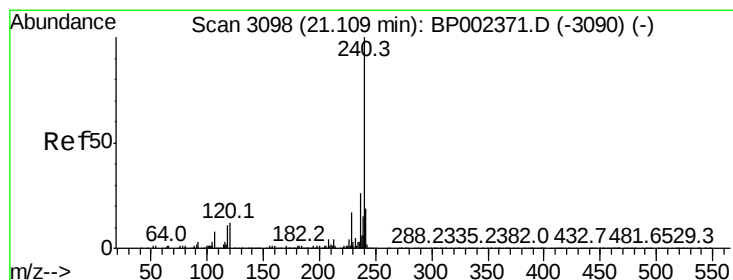
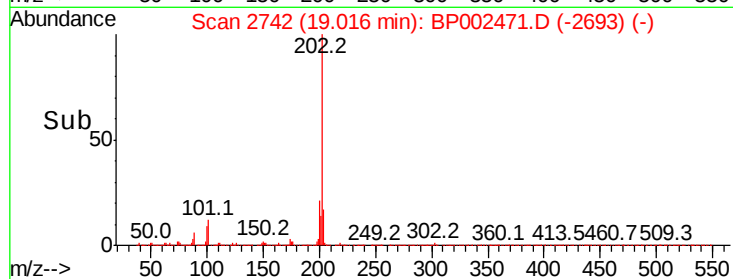
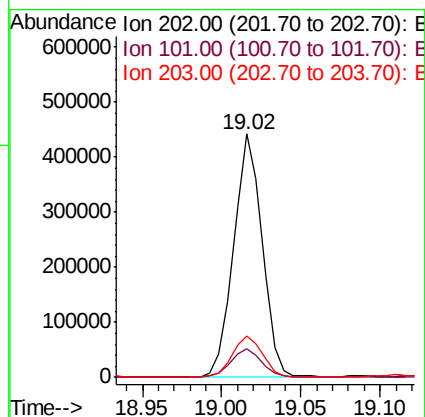
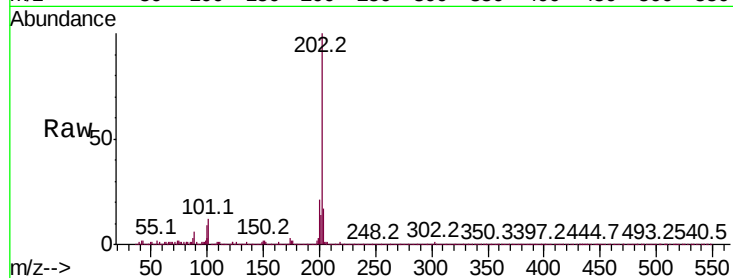
#75
Fluoranthene
Concen: 11.059 ng
RT: 19.02 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Instrument :
BNA_P
ClientSampleId :
SL-WC-03C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	31.8
203	17.1	0.0	38.0

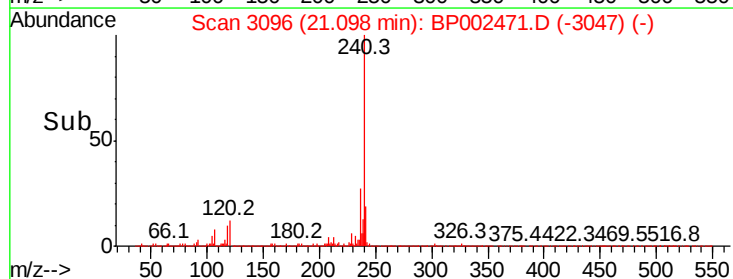
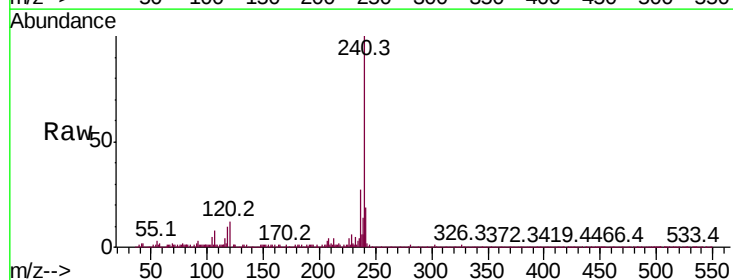
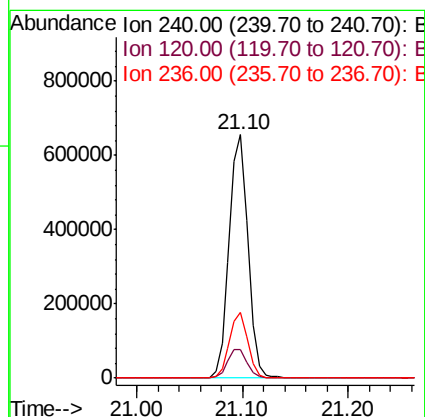
Manual Integrations
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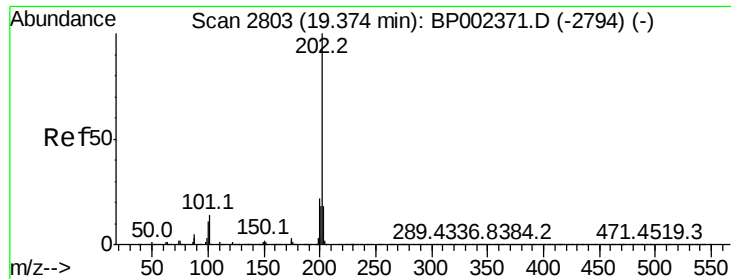
mohammad
6/22/2020 3:26:26 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	9.3	13.9
236	26.8	21.0	31.6





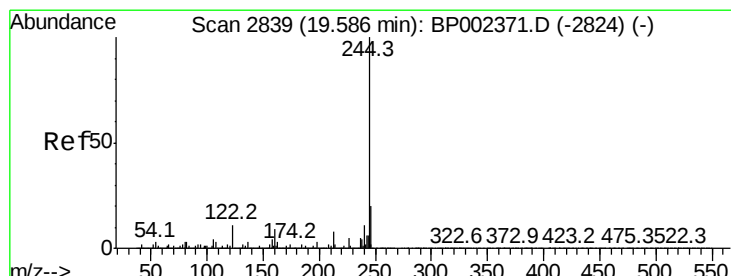
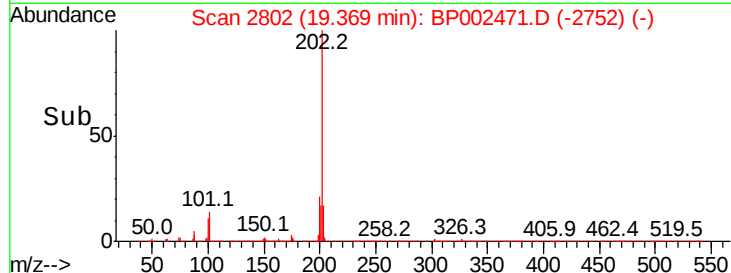
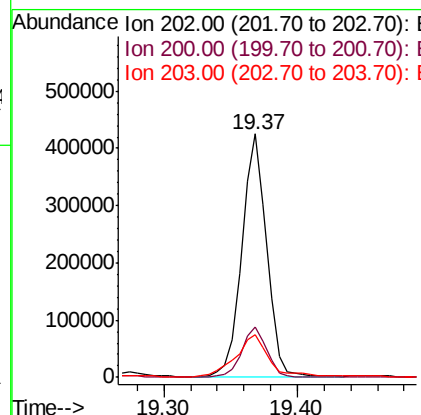
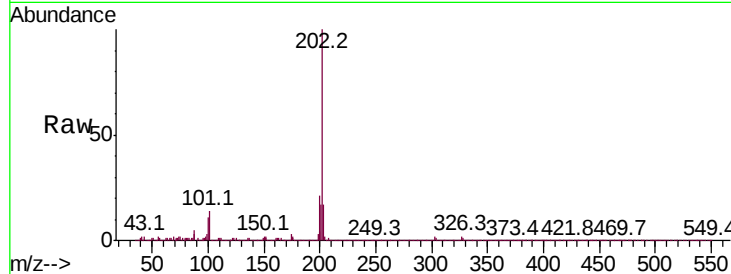
#78
Pvrene
Concen: 11.046 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Instrument :
BNA_P
ClientSampled :
SL-WC-03C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.4	14.6	22.0

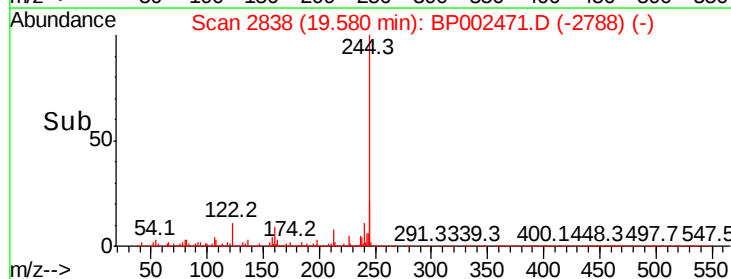
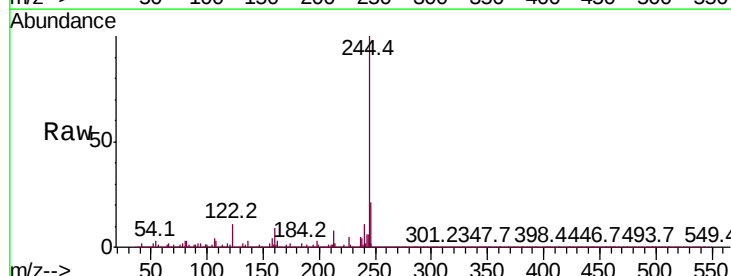
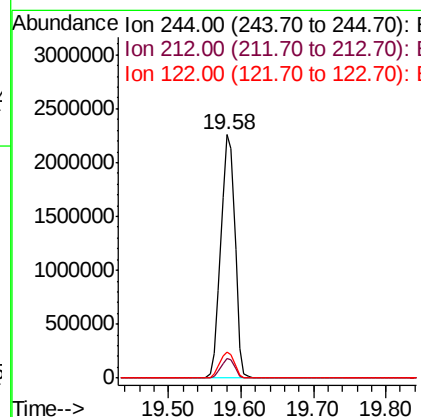
Manual Integrations
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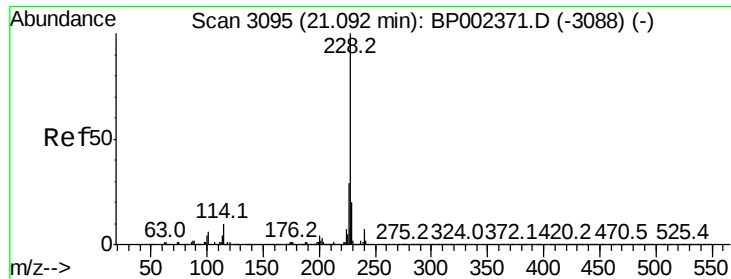
mohammad
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#79
Terphenyl-d14
Concen: 105.063 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	6.6	10.0
122	10.9	8.8	13.2





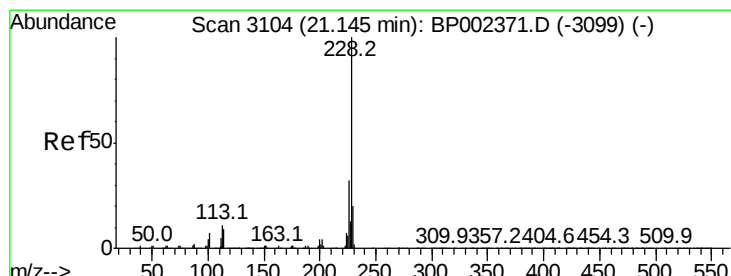
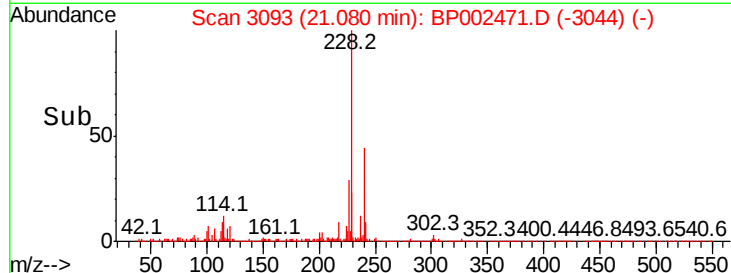
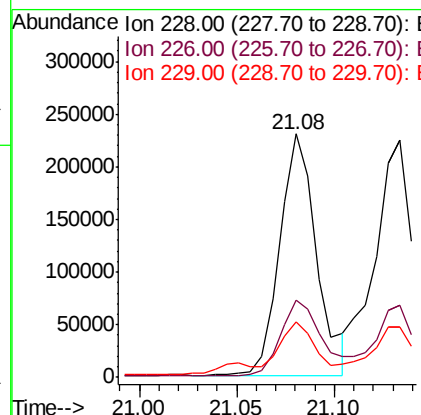
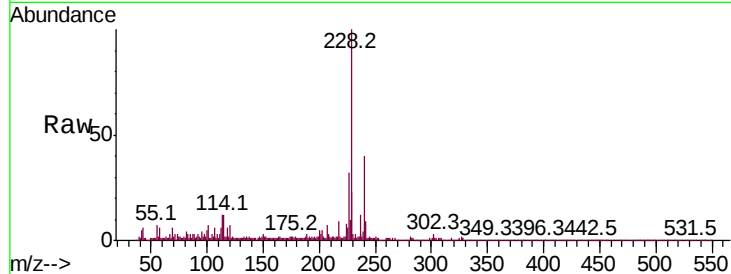
#81
Benzo(a)anthracene
Concen: 6.523 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Instrument :
BNA_P
ClientSampleId :
SL-WC-03C

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.8	34.2
229	22.9	16.2	24.2

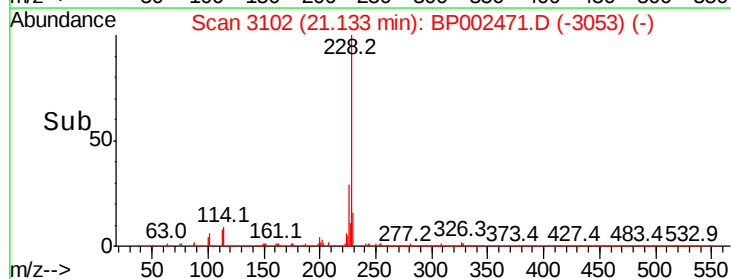
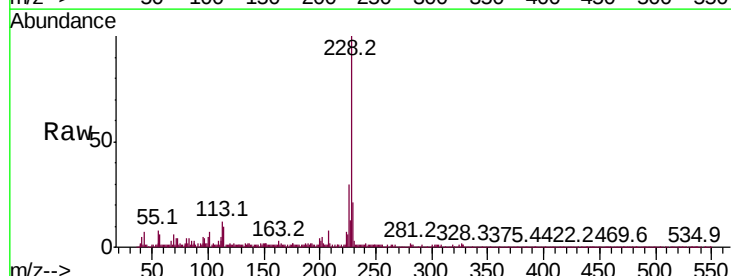
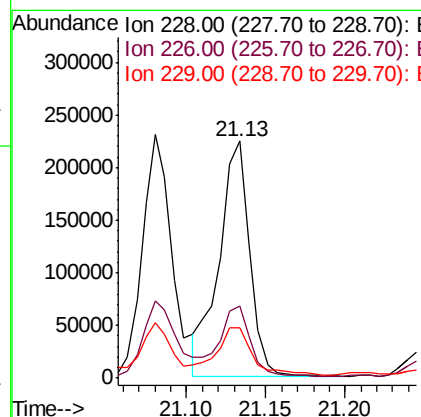
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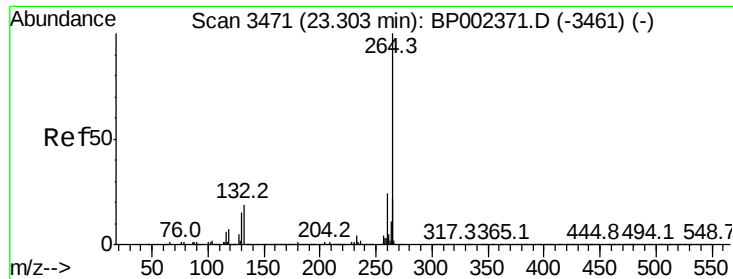
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#83
Chrysene
Concen: 6.902 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	21.4	16.1	24.1





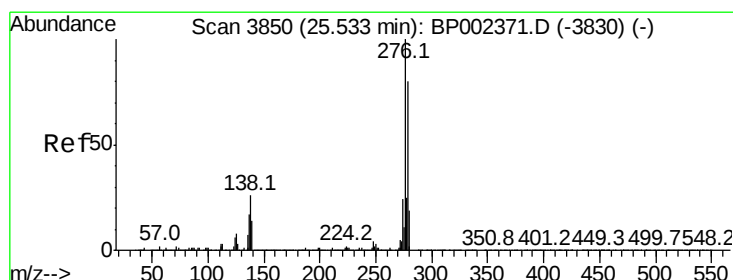
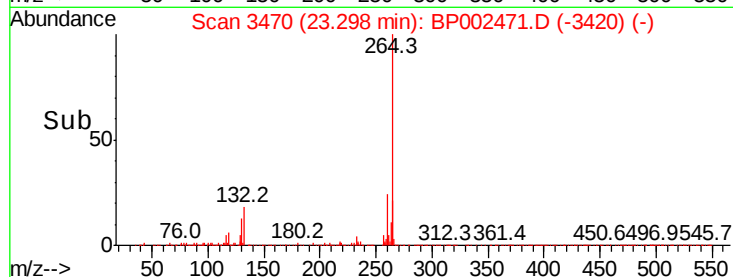
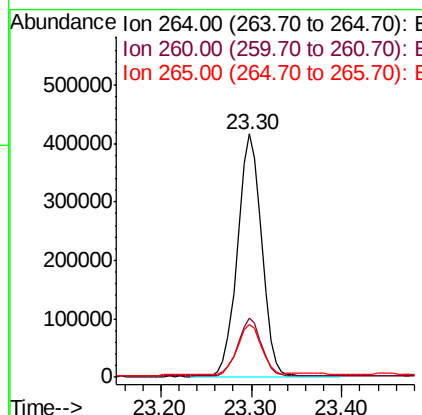
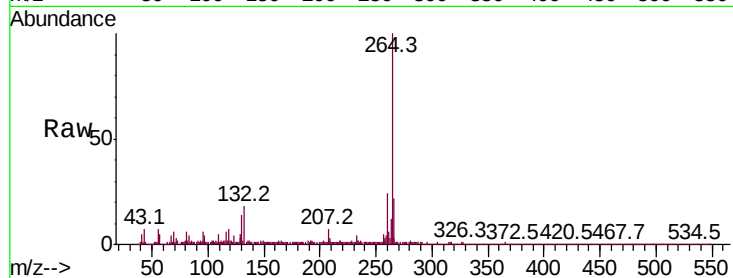
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Instrument :
BNA_P
ClientSampleId :
SL-WC-03C

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.7	17.4	26.2

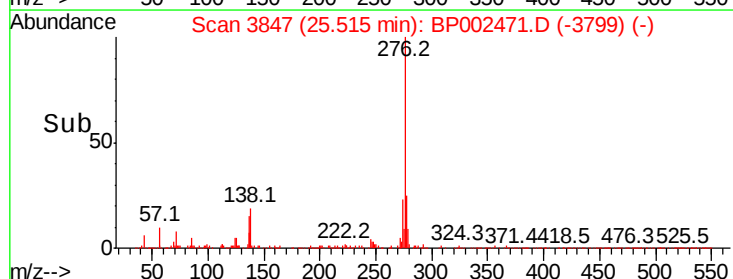
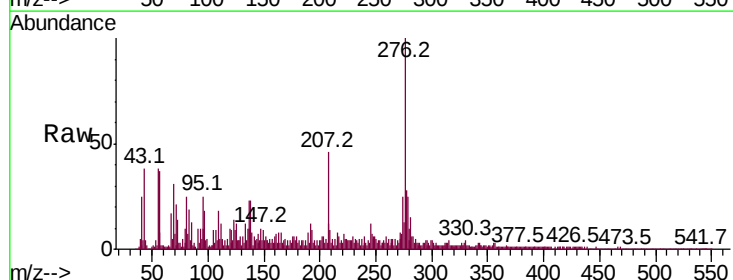
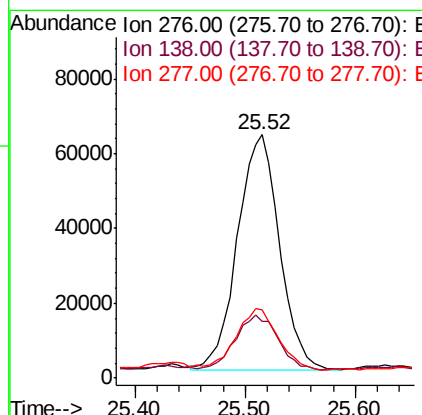
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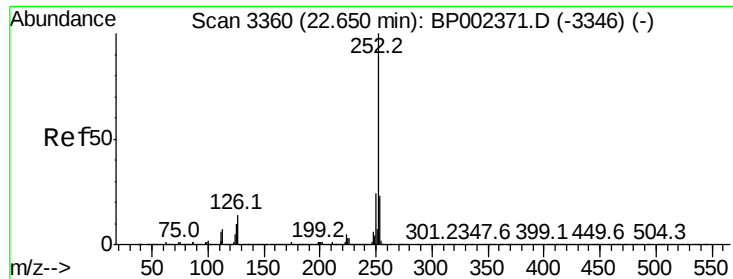
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.469 ng
RT: 25.52 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.3	21.2	31.8
277	26.8	20.3	30.5





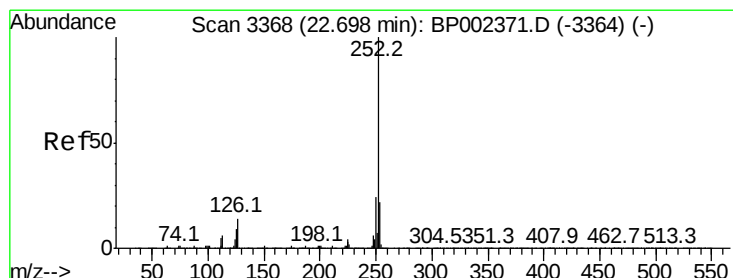
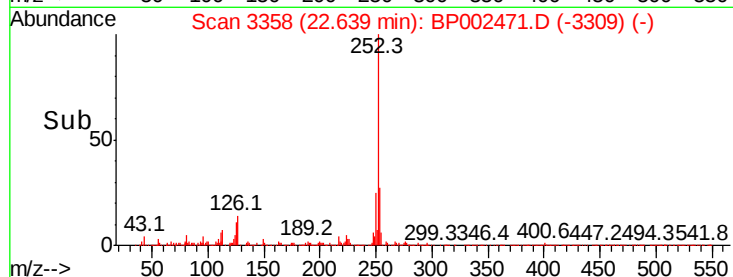
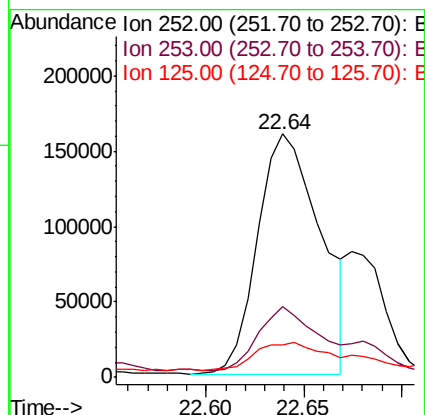
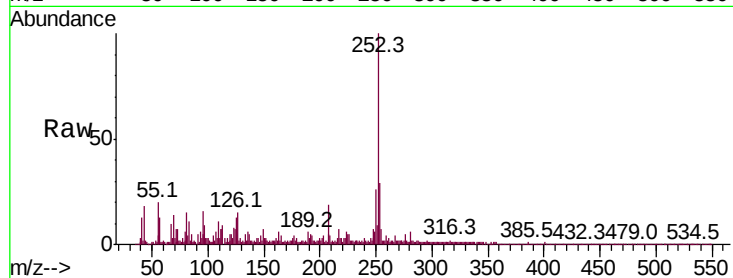
#88
Benzo(b)fluoranthene
Concen: 8.564 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Instrument :
BNA_P
ClientSampleId :
SL-WC-03C

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.1	27.1#
125	13.3	8.2	12.2#

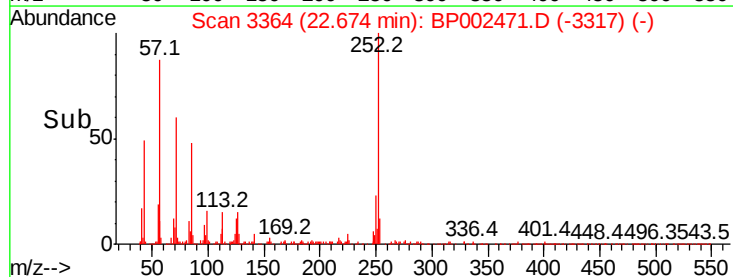
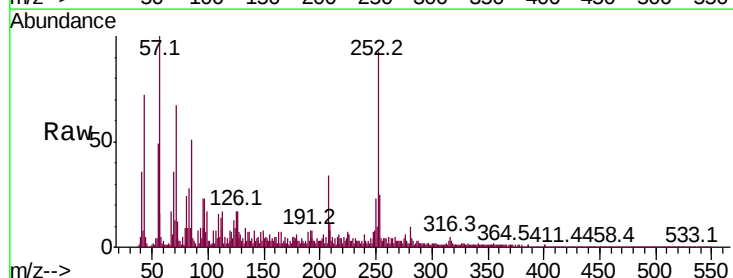
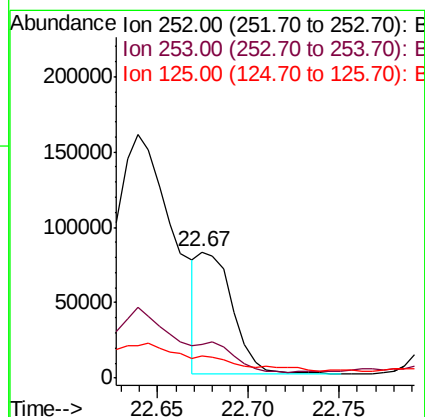
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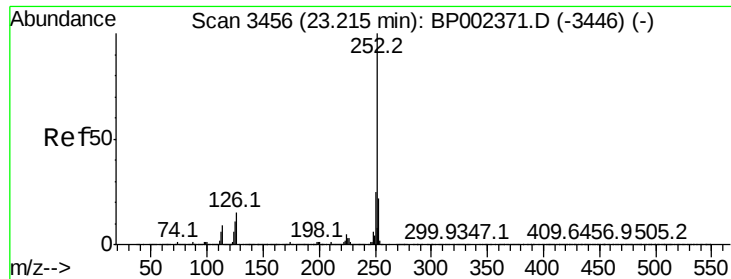
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#89
Benzo(k)fluoranthene
Concen: 2.703 ng m
RT: 22.67 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.8	26.6#
125	18.0	7.8	11.8#





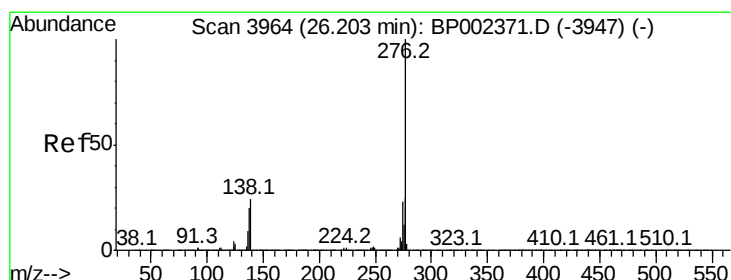
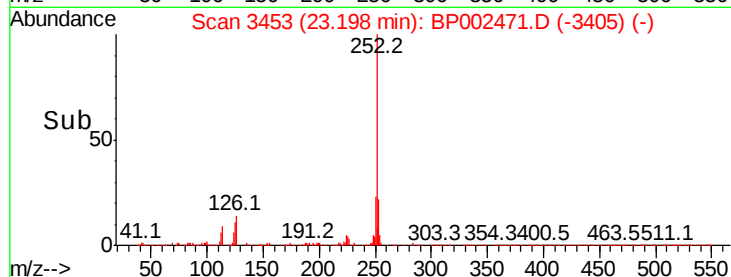
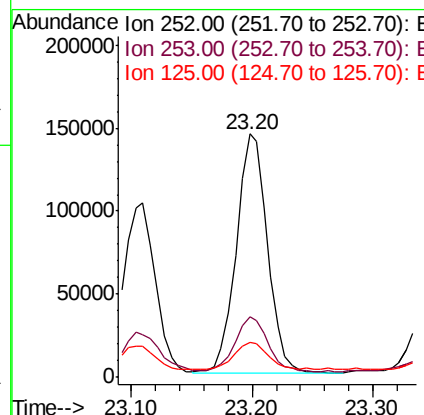
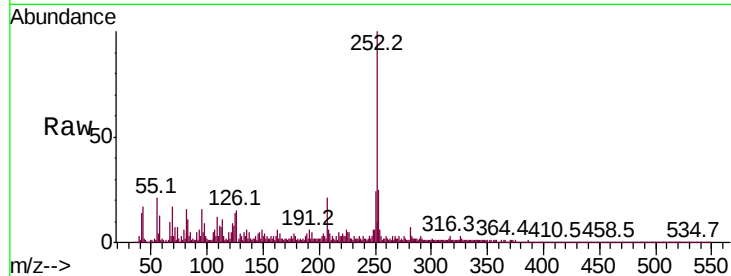
#90
Benzo(a)pyrene
Concen: 6.654 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Instrument :
BNA_P
ClientSampleId :
SL-WC-03C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	14.4	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.982 ng
RT: 26.19 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BP002471.D
Acq: 19 Jun 2020 22:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.8	29.6
138	26.0	19.2	28.8

