

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002467.D
 Acq On : 19 Jun 2020 19:59
 Operator : CG/JU
 Sample : L3035-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2-SP-3-5

Manual Integrations
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Quant Time: Jun 20 04:17:24 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	191519	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	817971	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	510127	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1136685	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	1065949	20.00	ng	-0.02
86) Perylene-d12	23.29	264	896037	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	985567	95.22	ng	0.00
7) Phenol-d6	6.78	99	1456393	105.69	ng	0.00
23) Nitrobenzene-d5	8.73	82	1081208	78.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	526601	107.82	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2221163	73.21	ng	0.00
79) Terphenyl-d14	19.58	244	3340187	78.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	334679	9.575	ng	Qvalue 100
71) Phenanthrene	17.03	178	376987	7.090	ng	100
72) Anthracene	17.12	178	113244	2.144	ng	98
75) Fluoranthene	19.02	202	779525	12.282	ng	98
78) Pyrene	19.37	202	704049	10.783	ng	97
81) Benzo(a)anthracene	21.08	228	368559	6.057	ng	98
83) Chrysene	21.13	228	314546m	5.457	ng	
87) Indeno(1,2,3-cd)pyrene	25.49	276	166792	2.976	ng	97
88) Benzo(b)fluoranthene	22.63	252	371251	7.683	ng	# 96
89) Benzo(k)fluoranthene	22.67	252	118048m	2.571	ng	
90) Benzo(a)pyrene	23.19	252	268829	5.937	ng	97
92) Benzo(a,h,i)perylene	26.16	276	159141	3.418	ng	97

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

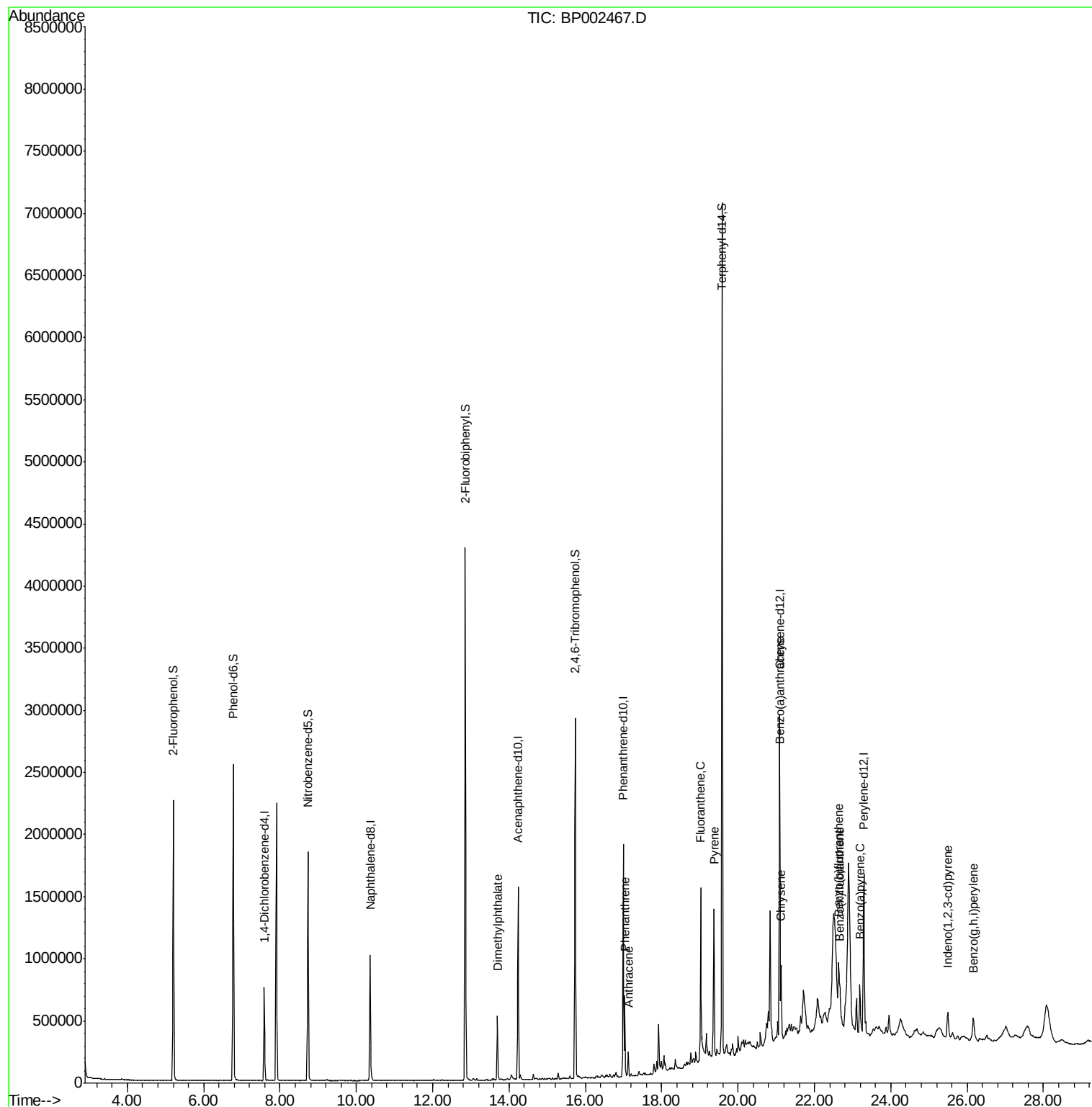
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
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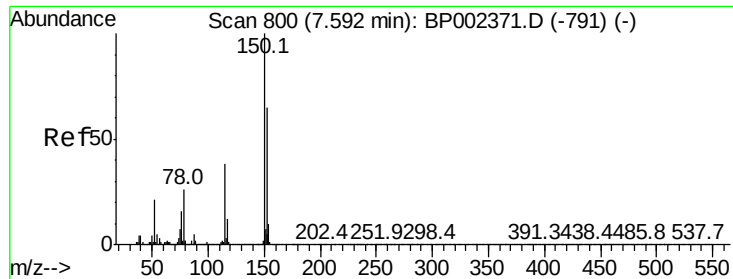
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002467.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_P

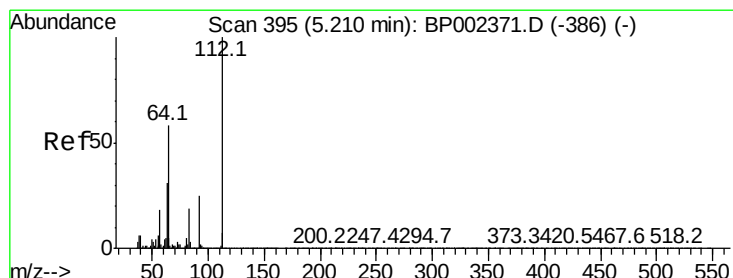
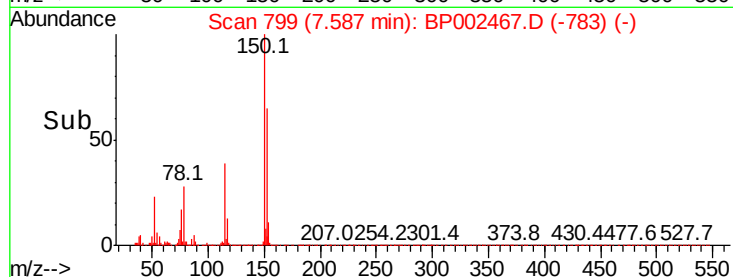
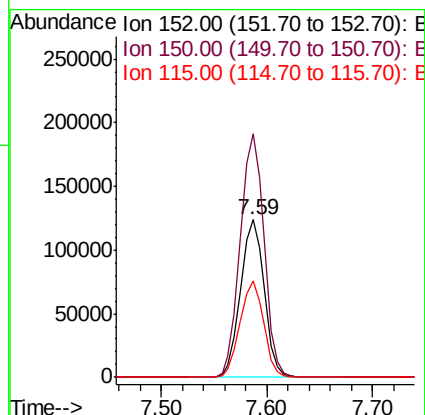
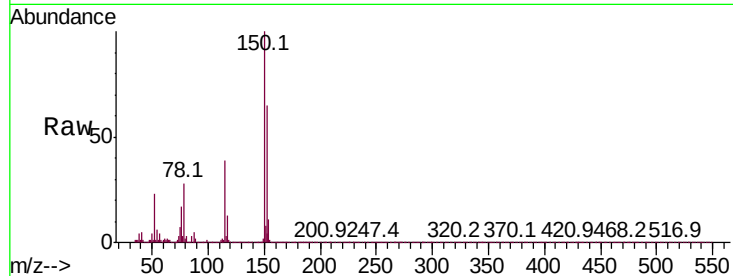
ClientSampled :

2-SP-3-5

Tot Ion:	152	Resp:	191519
Ion Ratio	Lower	Upper	
152	100		
150	154.5	124.0	186.0
115	60.9	47.4	71.0

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#5

2-Fluorophenol

Concen: 95.223 ng

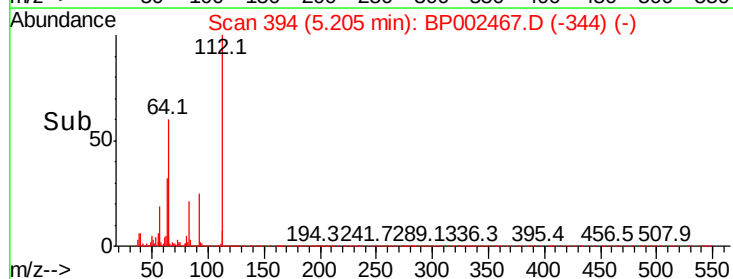
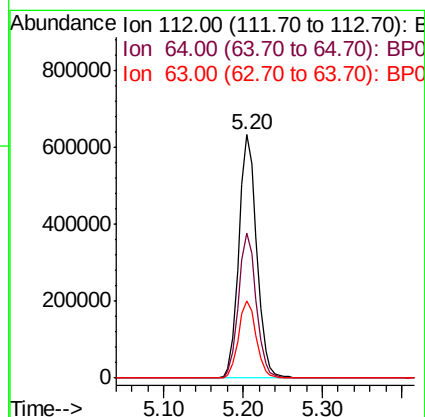
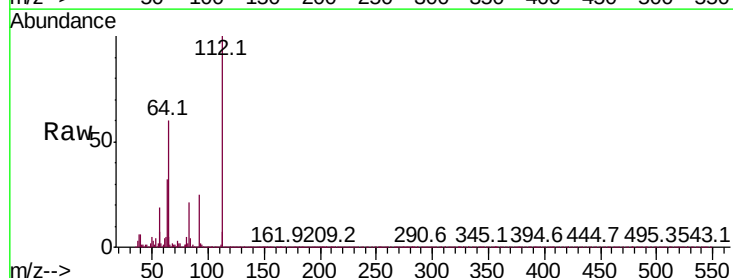
RT: 5.20 min Scan# 394

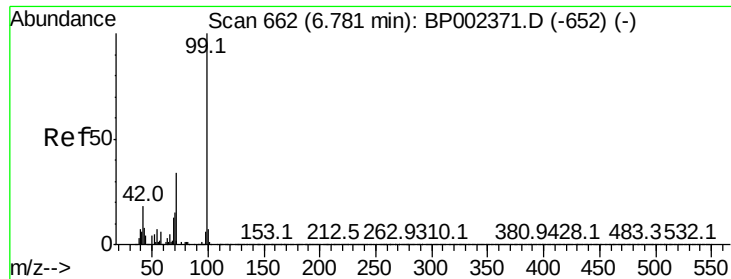
Delta R.T. -0.01 min

Lab File: BP002467.D

Acq: 19 Jun 2020 19:59

Tgt Ion:	112	Resp:	985567
Ion Ratio	Lower	Upper	
112	100		
64	59.7	46.2	69.2
63	31.9	24.5	36.7





#7

Phenol-d6

Concen: 105.689 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002467.D

Acq: 19 Jun 2020 19:59

Instrument :

BNA_P

ClientSampleId :

2-SP-3-5

Tot Ion: 99 Resp: 1456393

Ion Ratio Lower Upper

99 100

42 18.6 14.6 22.0

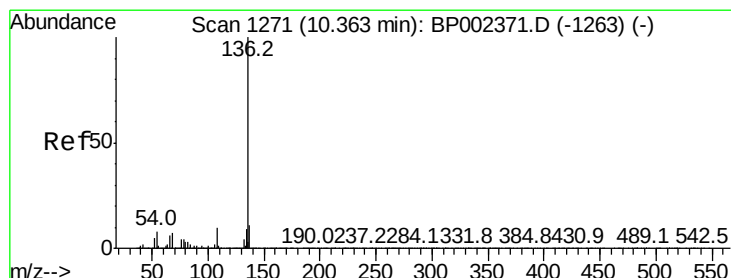
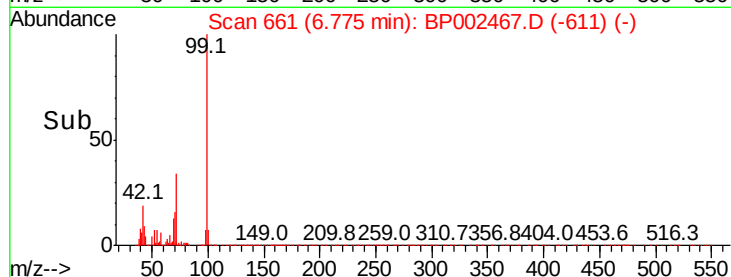
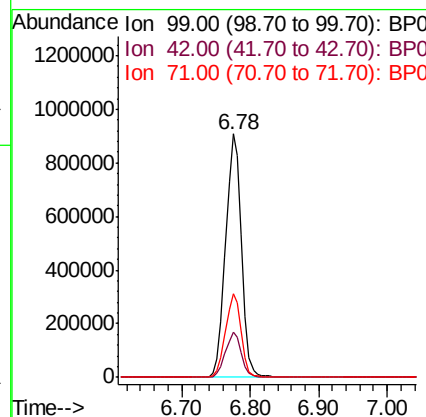
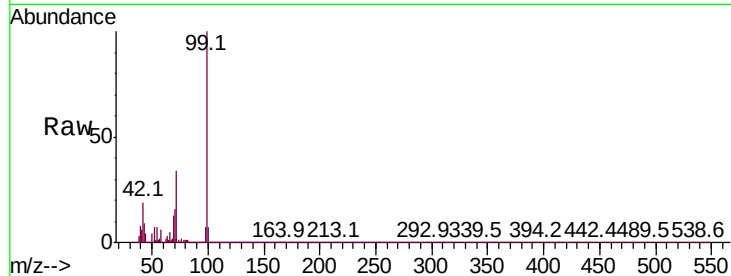
71 34.5 27.2 40.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002467.D

Acq: 19 Jun 2020 19:59

Tgt Ion: 136 Resp: 817971

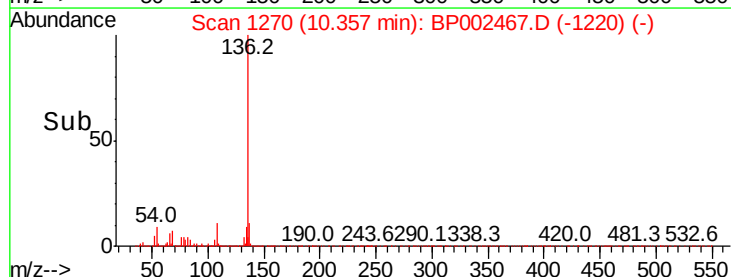
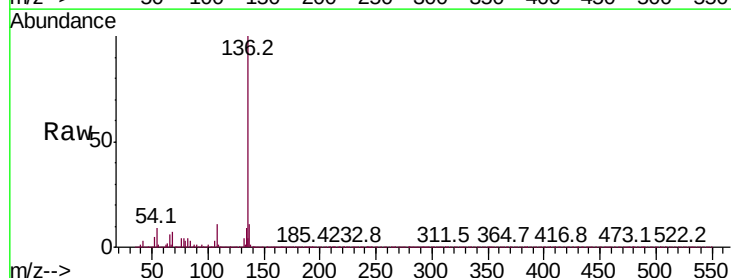
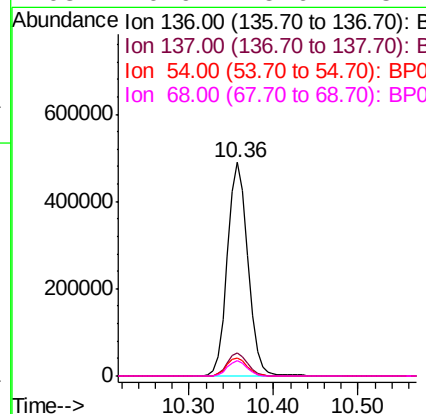
Ion Ratio Lower Upper

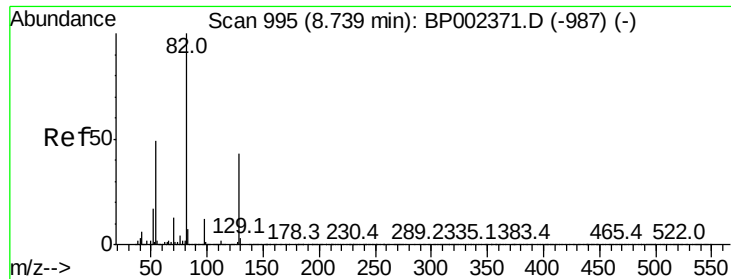
136 100

137 10.8 8.8 13.2

54 8.7 6.4 9.6

68 6.9 5.6 8.4





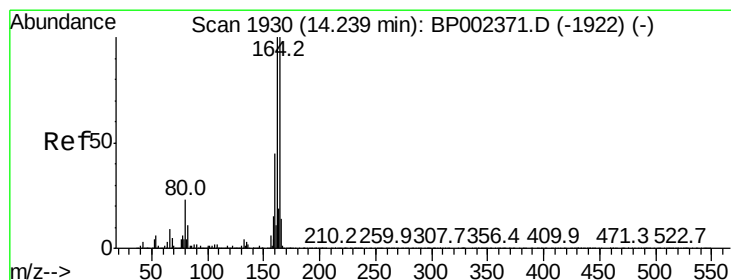
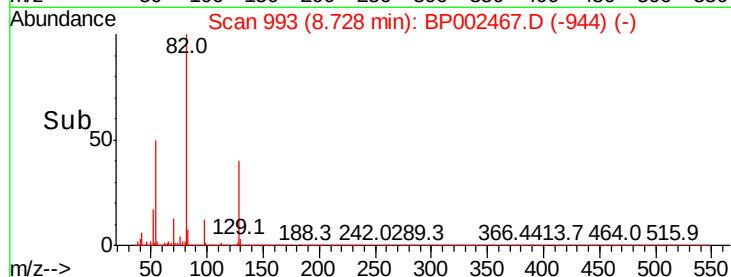
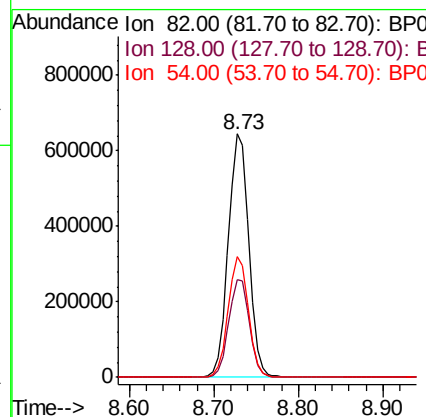
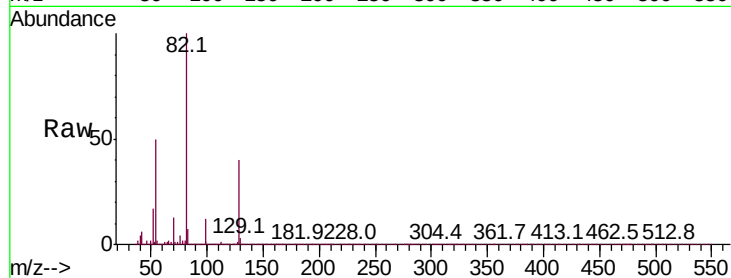
#23
Nitrobenzene-d5
Concen: 78.937 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.5	51.7
54	49.8	39.4	59.2

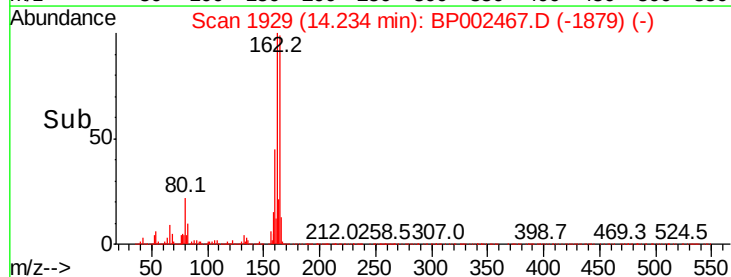
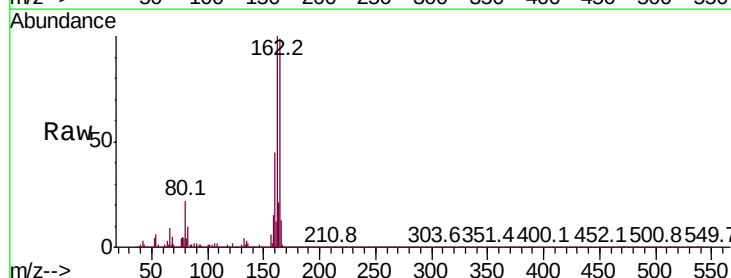
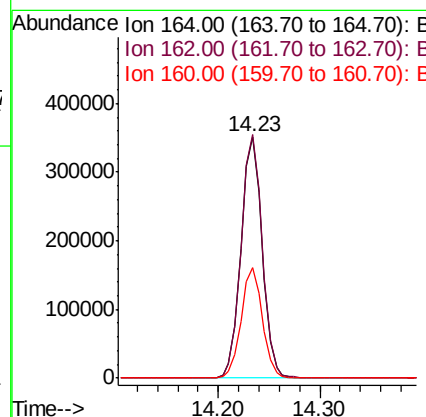
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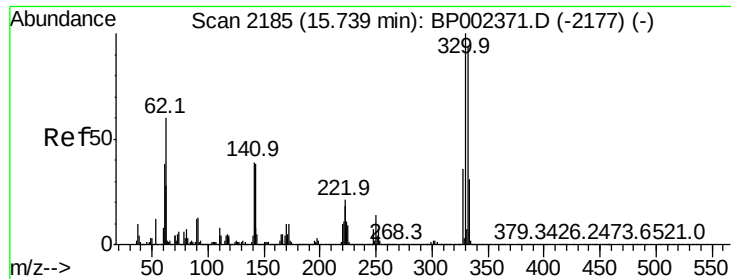
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.8	119.8
160	45.6	36.2	54.2





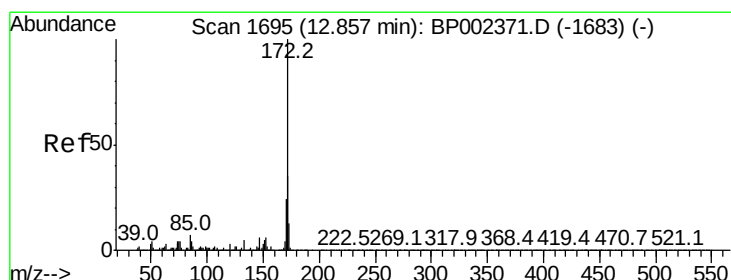
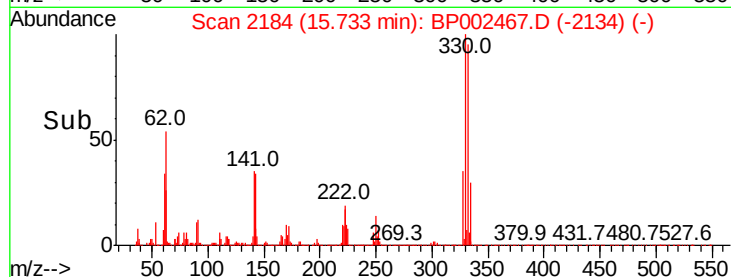
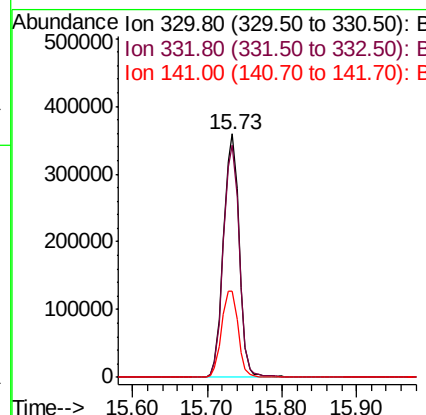
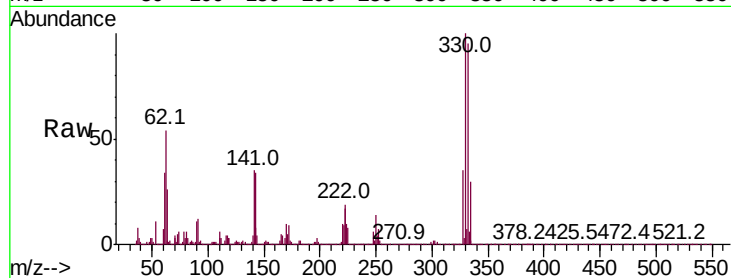
#42
 2,4,6-Tribromophenol
 Concen: 107.819 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002467.D
 Acq: 19 Jun 2020 19:59

Instrument :
 BNA_P
 ClientSampleId :
 2-SP-3-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	526601		
332	96.4	76.6	115.0	
141	37.2	30.3	45.5	

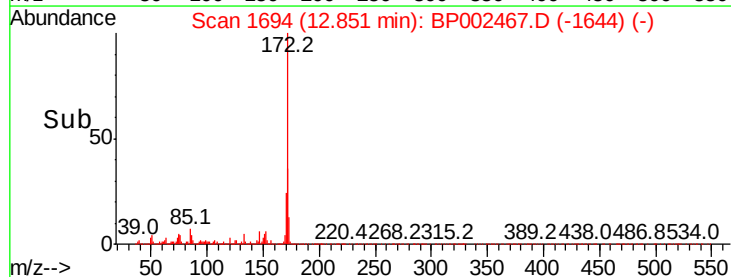
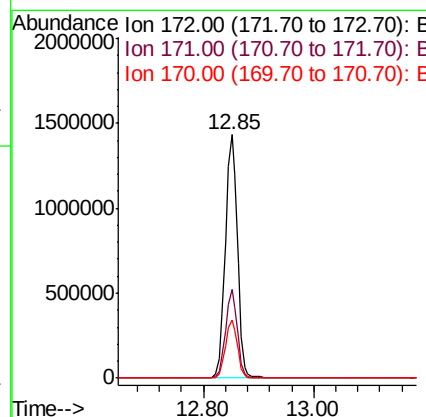
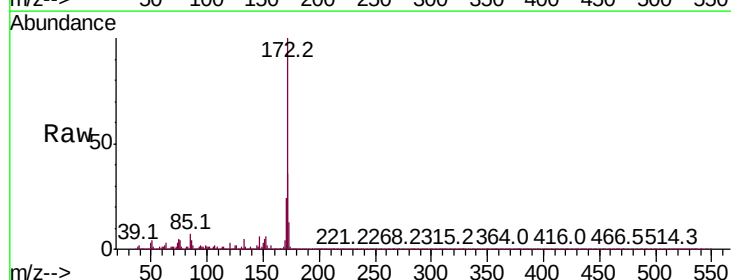
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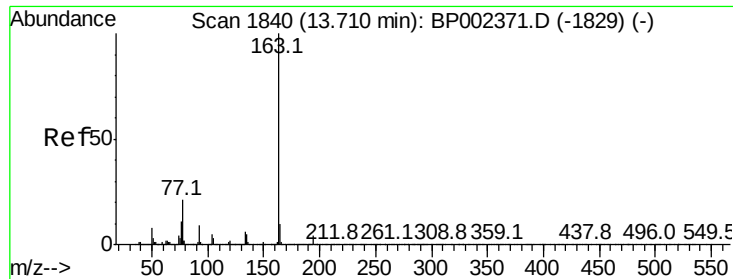
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#45
 2-Fluorobiphenyl
 Concen: 73.211 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002467.D
 Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2221163		
171	36.2	27.8	41.8	
170	23.8	19.0	28.6	





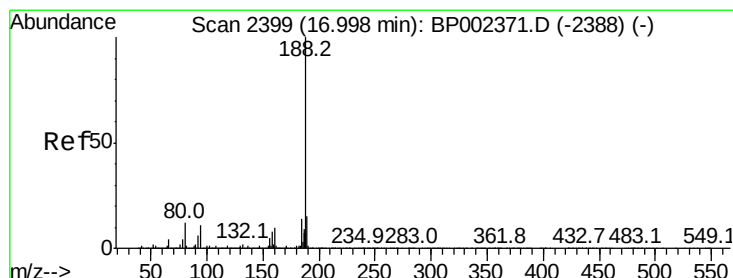
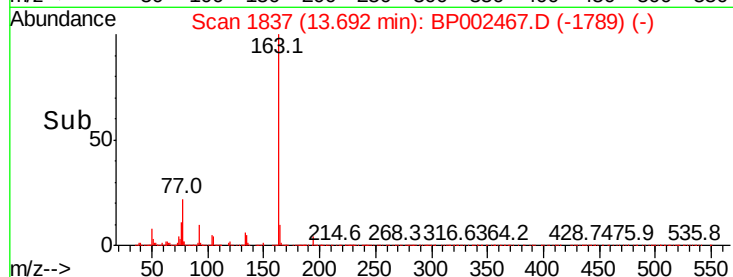
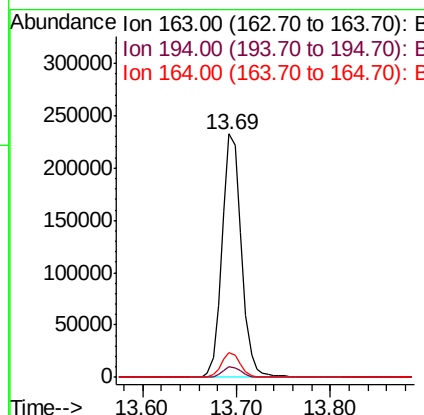
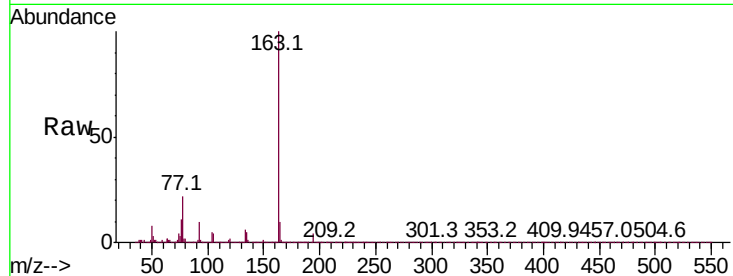
#50
Dimethylphthalate
Concen: 9.575 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	3.4	5.0	
164	10.0	8.1	12.1	

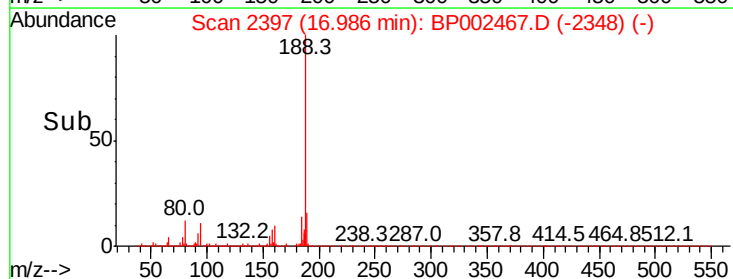
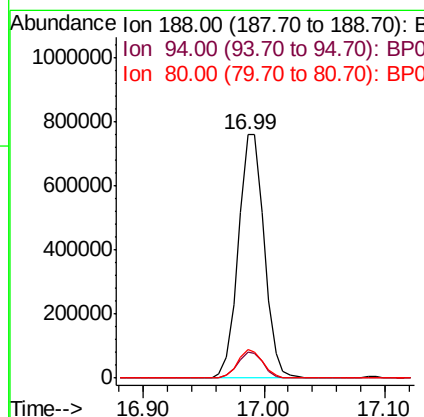
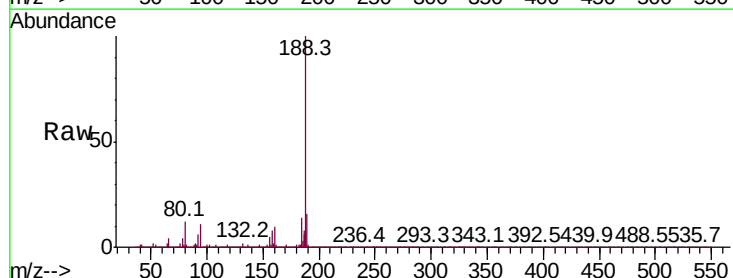
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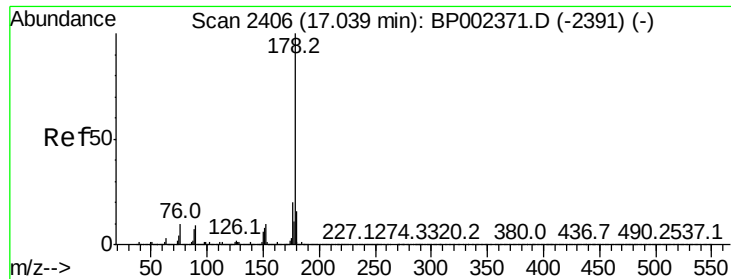
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002467.D
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.7	8.5	12.7	
80	11.9	9.4	14.0	





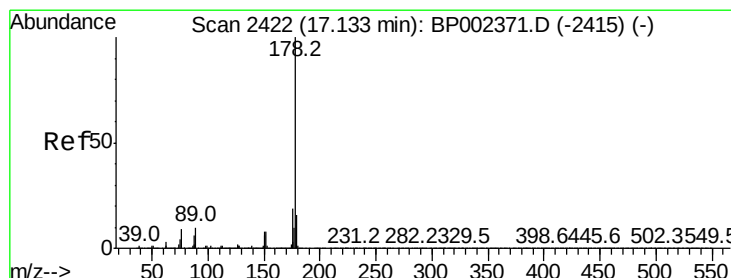
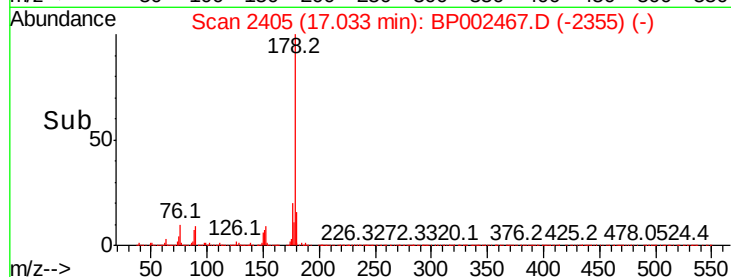
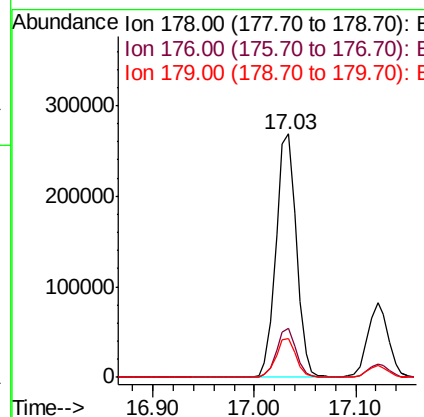
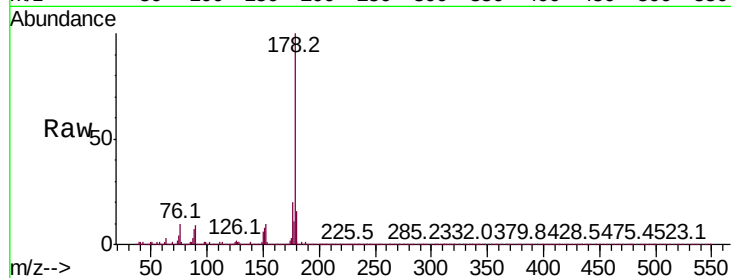
#71
Phenanthrene
Concen: 7.090 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion:	178	Resp:	376987
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.8	23.6
179	15.7	12.5	18.7

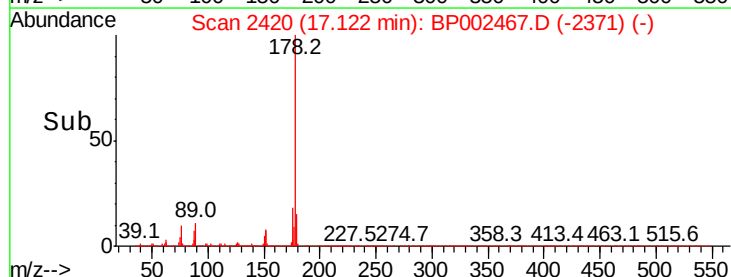
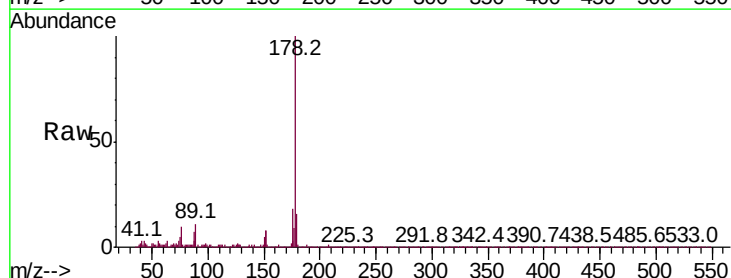
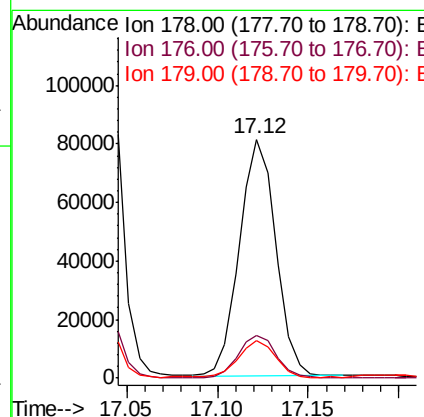
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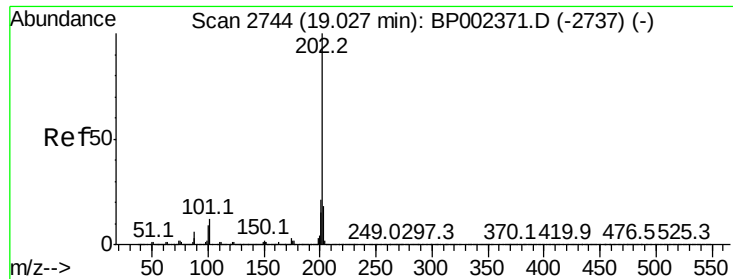
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#72
Anthracene
Concen: 2.144 ng
RT: 17.12 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion:	178	Resp:	113244
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.5	23.3
179	15.6	13.0	19.4





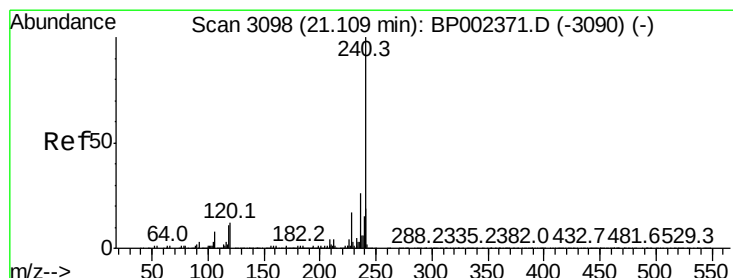
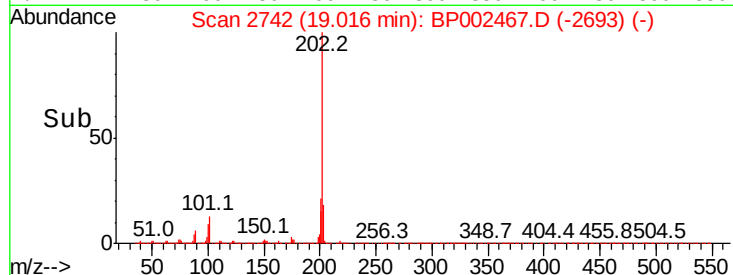
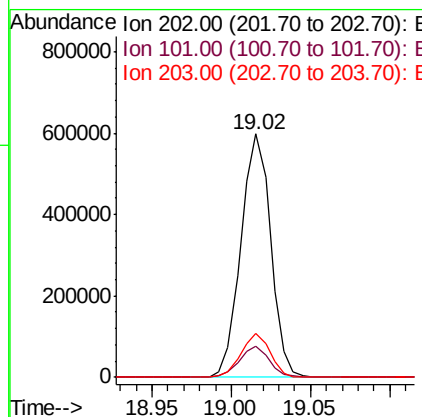
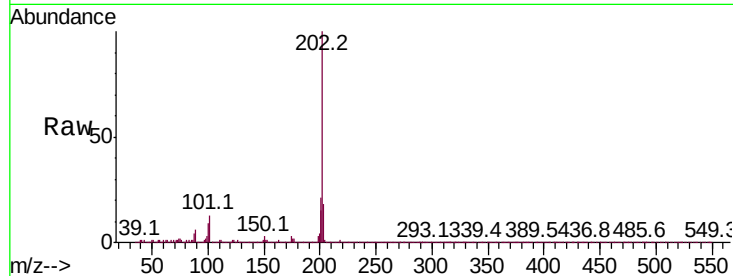
#75
Fluoranthene
Concen: 12.282 ng
RT: 19.02 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	31.8
203	18.3	0.0	38.0

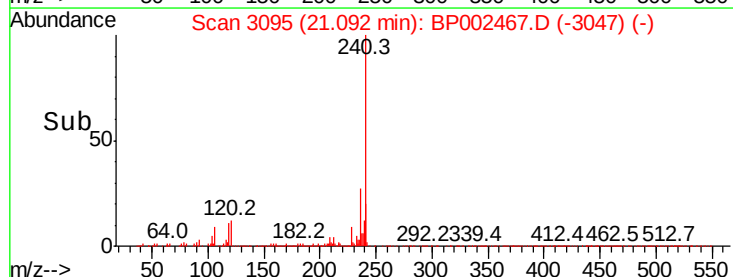
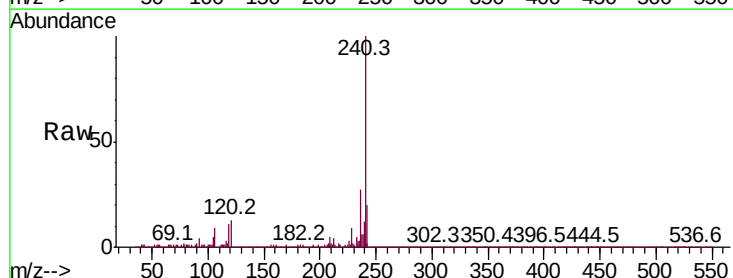
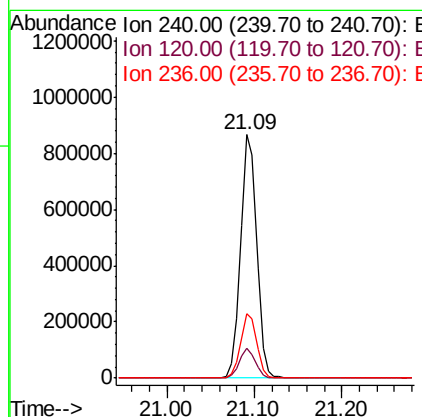
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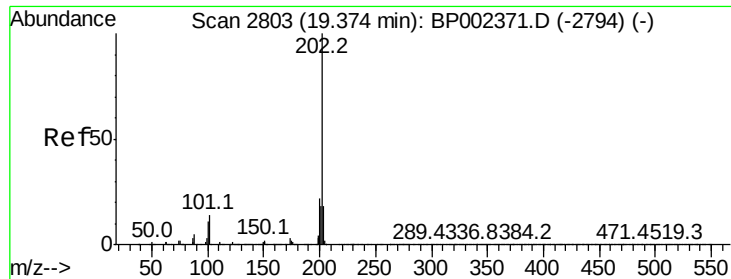
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	9.3	13.9
236	26.6	21.0	31.6





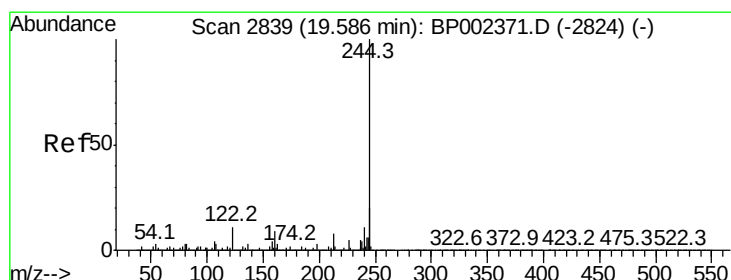
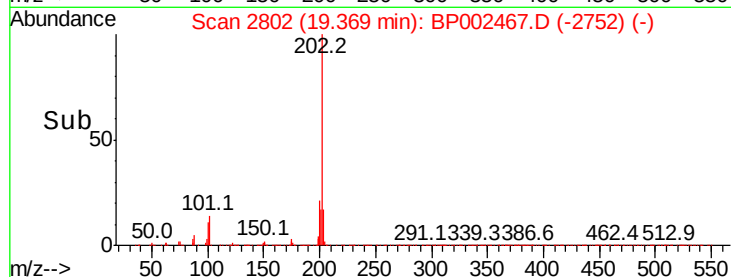
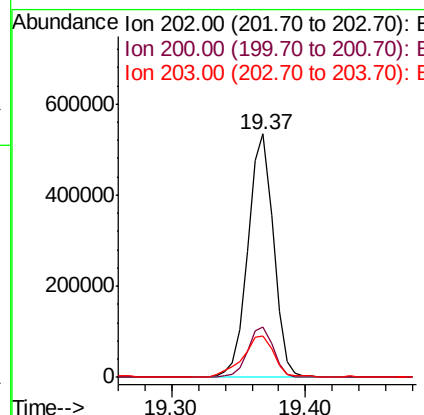
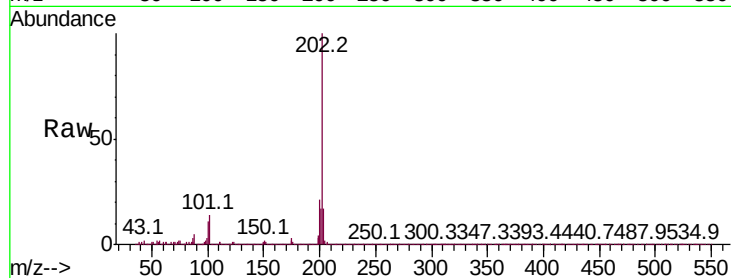
#78
Pvrene
Concen: 10.783 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.2	14.6	22.0

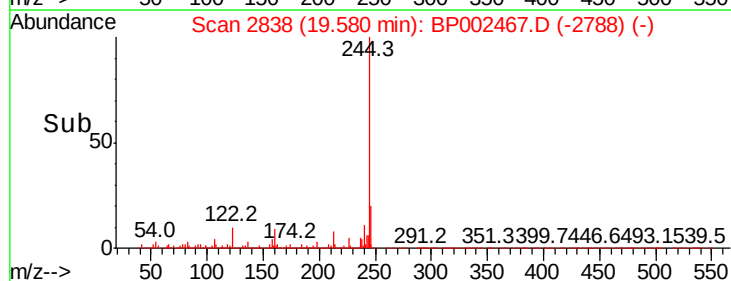
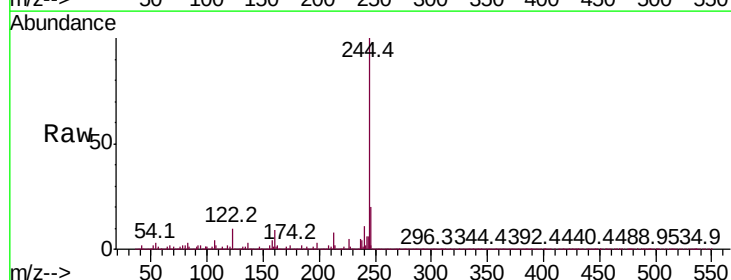
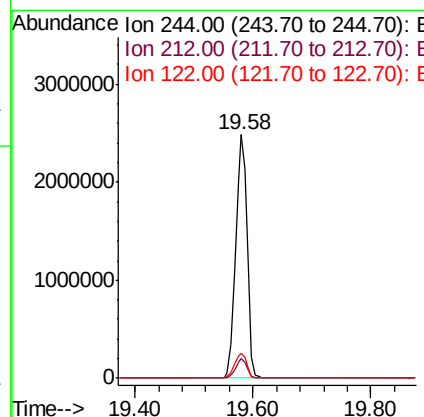
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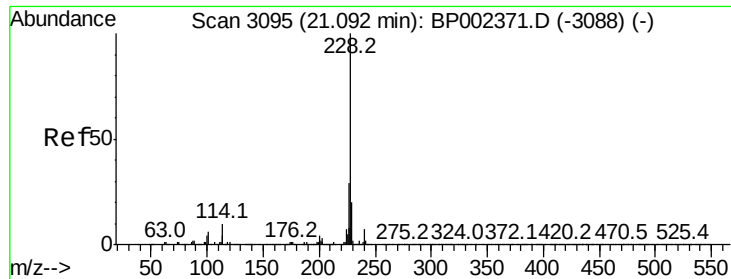
mohammad
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#79
Terphenyl-d14
Concen: 78.381 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	6.6	10.0
122	10.3	8.8	13.2





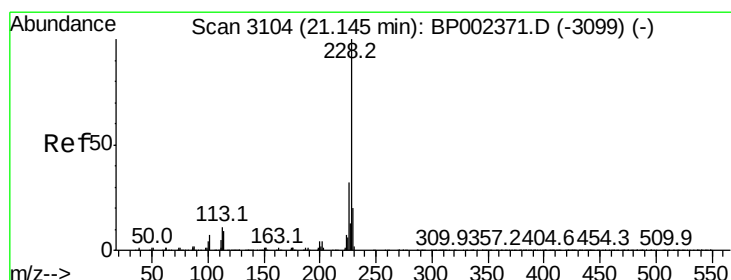
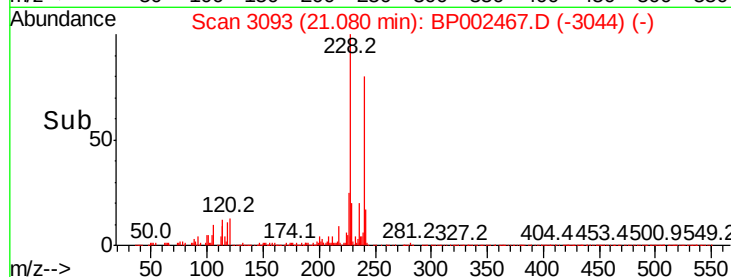
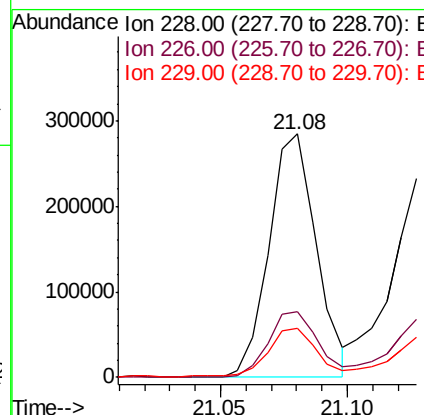
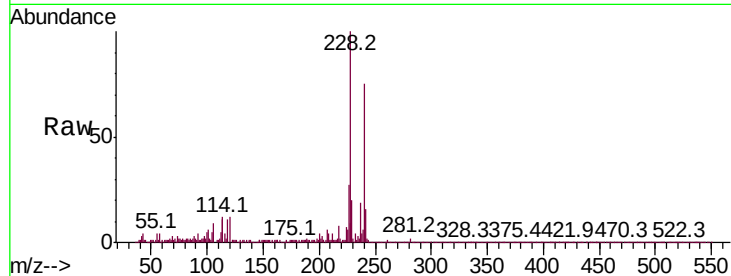
#81
Benzo(a)anthracene
Concen: 6.057 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.8	34.2
229	20.0	16.2	24.2

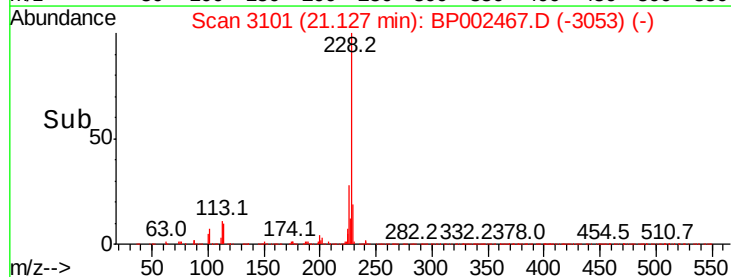
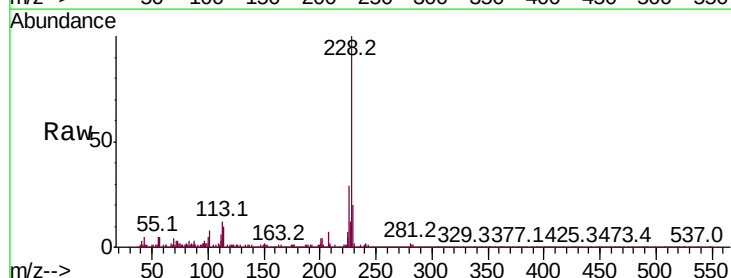
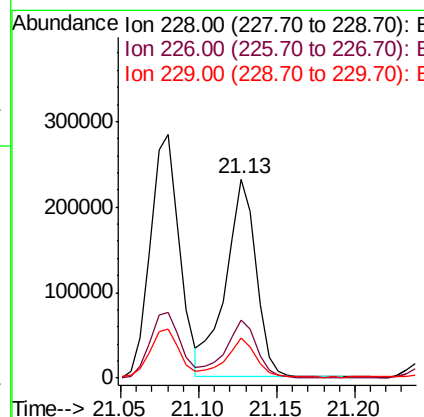
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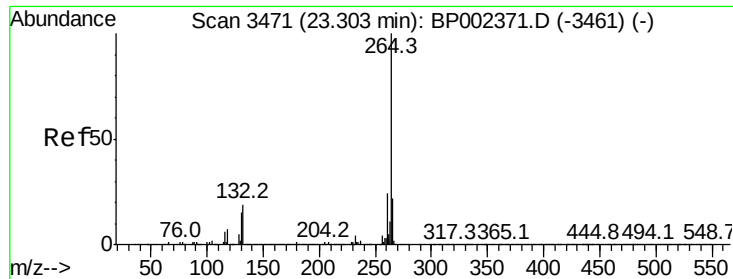
mohammad
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#83
Chrysene
Concen: 5.457 ng m
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.2	37.8
229	19.9	16.1	24.1





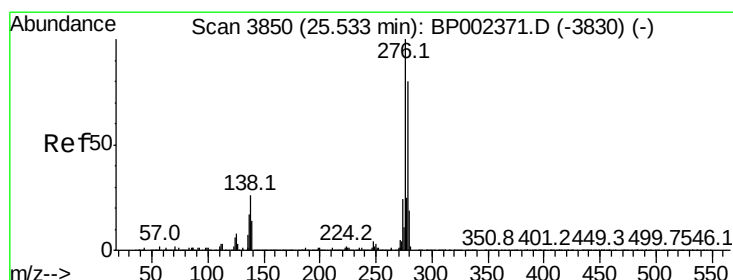
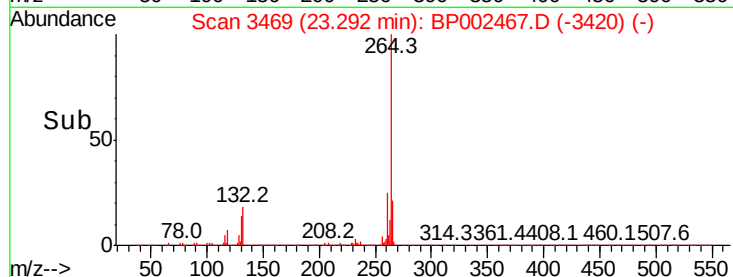
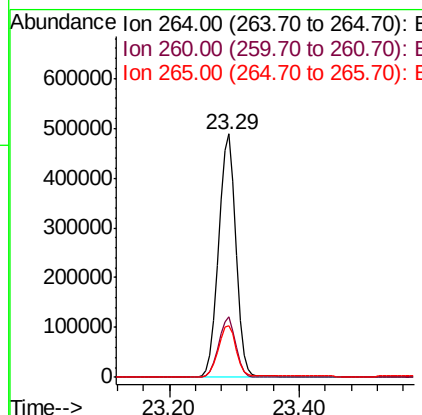
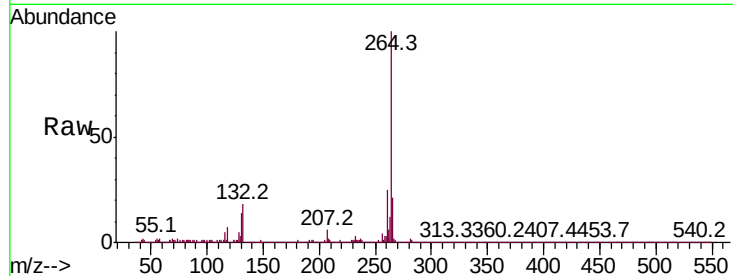
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.8	19.4	29.0	
265	21.0	17.4	26.2	

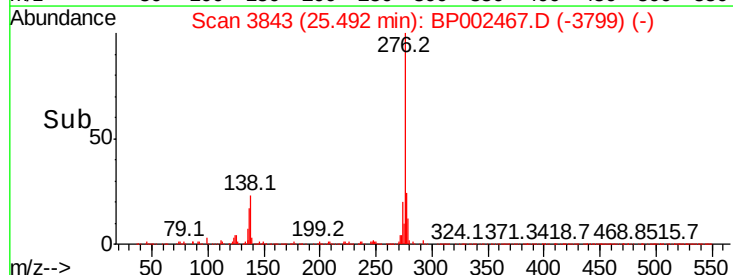
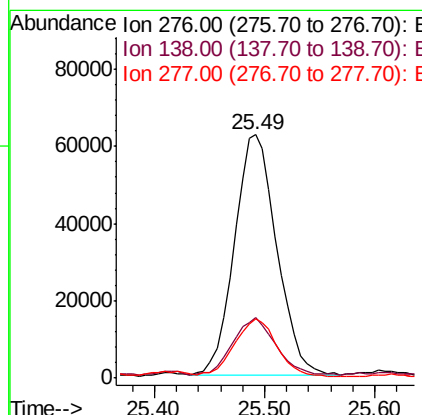
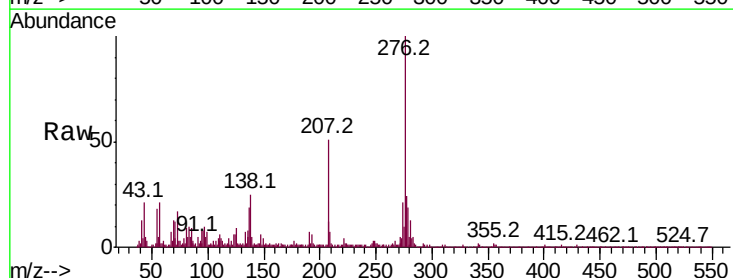
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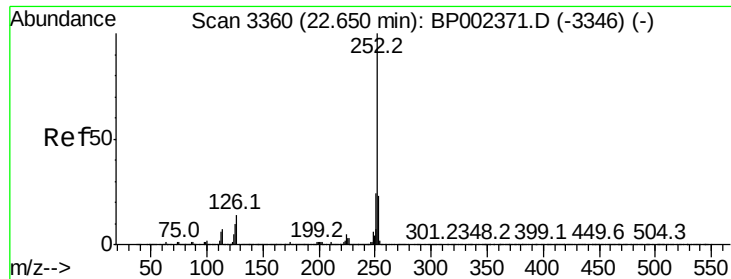
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.976 ng
RT: 25.49 min Scan# 3843
Delta R.T. -0.04 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.2	21.2	31.8	
277	24.2	20.3	30.5	





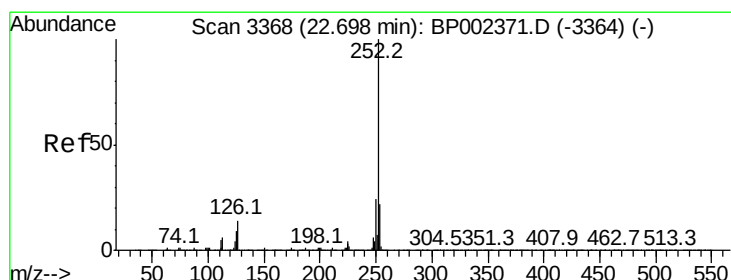
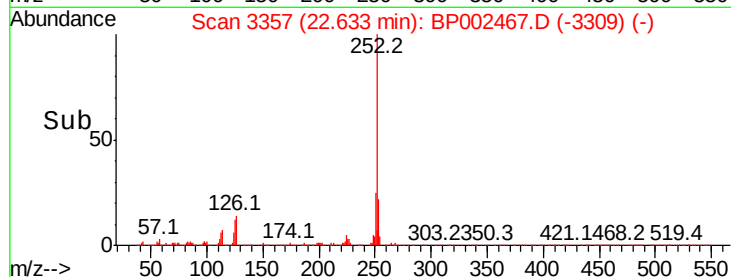
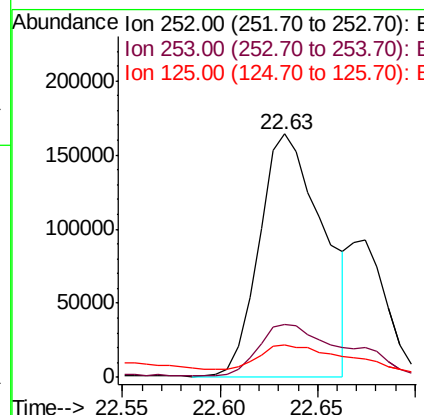
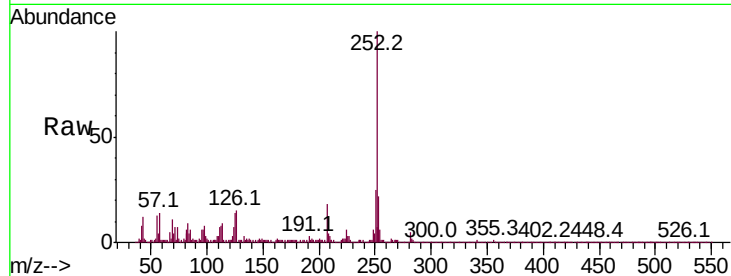
#88
Benzo(b)fluoranthene
Concen: 7.683 ng
RT: 22.63 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.6	8.2	12.2

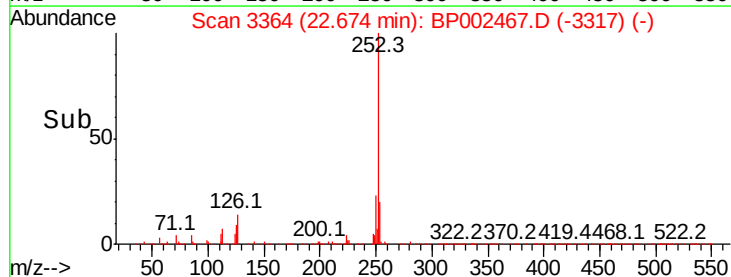
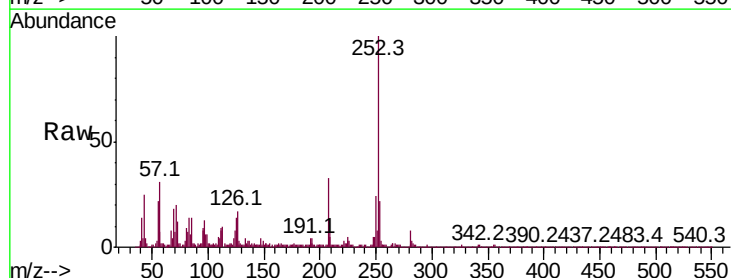
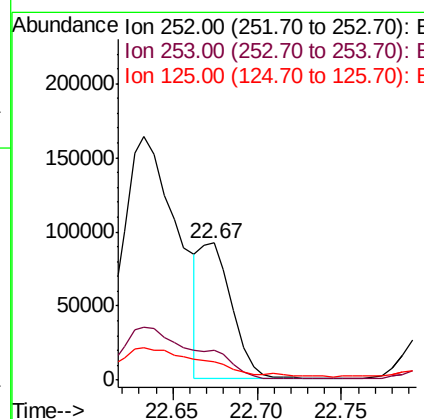
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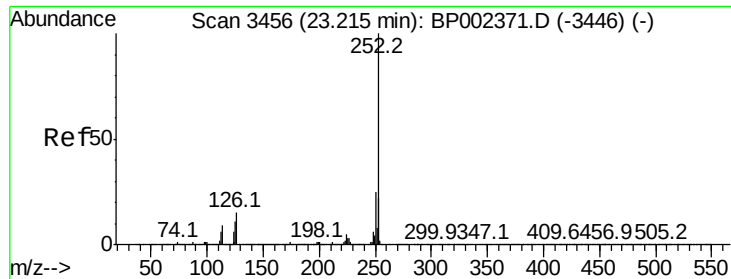
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.571 ng m
RT: 22.67 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	13.6	7.8	11.8





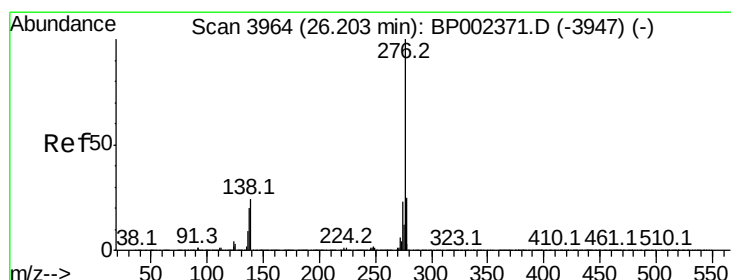
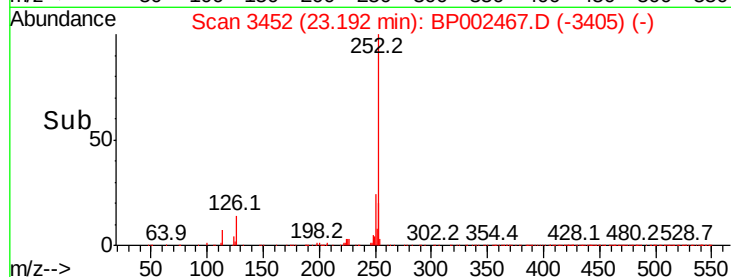
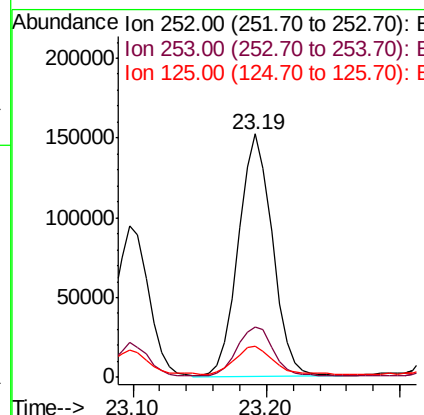
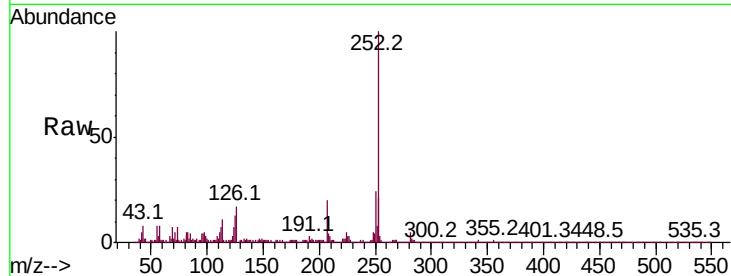
#90
Benzo(a)pyrene
Concen: 5.937 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Instrument :
BNA_P
ClientSampleId :
2-SP-3-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.8
125	12.7	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.418 ng
RT: 26.16 min Scan# 3957
Delta R.T. -0.04 min
Lab File: BP002467.D
Acq: 19 Jun 2020 19:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	26.9	19.2	28.8

