

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002468.D
 Acq On : 19 Jun 2020 20:33
 Operator : CG/JU
 Sample : L3035-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 20 03:30:11 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	204775	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	859509	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	534109	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1180541	20.00	ng	0.00
76) Chrysene-d12	21.09	240	992273	20.00	ng	-0.02
86) Perylene-d12	23.29	264	840762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1236127	111.70	ng	0.00
7) Phenol-d6	6.77	99	1761400	119.55	ng	0.00
23) Nitrobenzene-d5	8.73	82	1240015	86.16	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	651957	127.49	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2539934	79.96	ng	0.00
79) Terphenyl-d14	19.58	244	3567400	96.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	483923	13.223	ng	100
71) Phenanthrene	17.03	178	677819	12.274	ng	100
72) Anthracene	17.12	178	218786	3.988	ng	97
75) Fluoranthene	19.02	202	1203608	18.259	ng	99
78) Pyrene	19.37	202	1070079	17.606	ng	98
81) Benzo(a)anthracene	21.08	228	526022	9.287	ng	99
83) Chrysene	21.13	228	413229	7.701	ng	98
87) Indeno(1,2,3-cd)pyrene	25.49	276	239535	4.555	ng	97
88) Benzo(b)fluoranthene	22.64	252	526048m	11.602	ng	
89) Benzo(k)fluoranthene	22.67	252	136843m	3.177	ng	
90) Benzo(a)pyrene	23.19	252	370979	8.731	ng	97
92) Benzo(a,h,i)perylene	26.17	276	227408	5.205	ng	100

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

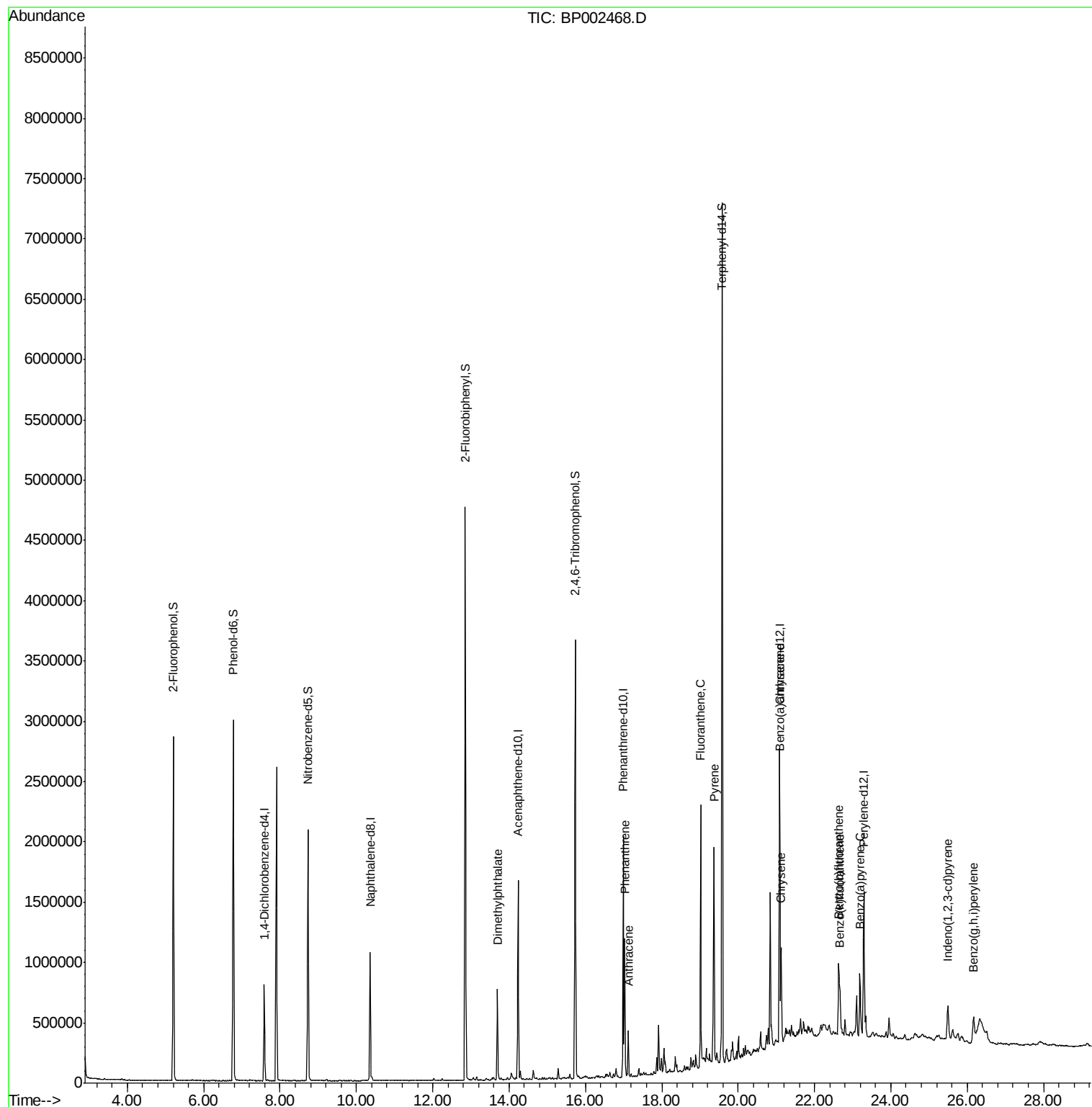
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002468.D
Acq On : 19 Jun 2020 20:33
Operator : CG/JU
Sample : L3035-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

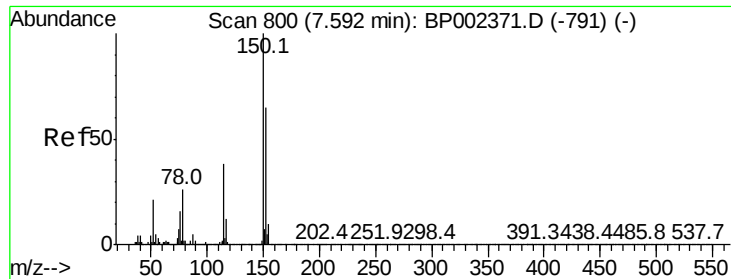
Instrument :
BNA_P
ClientSampleId :
1-SP-3-5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

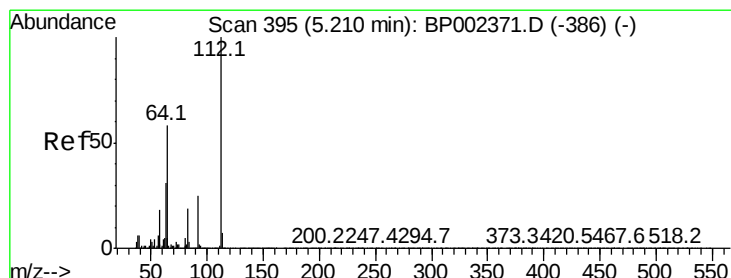
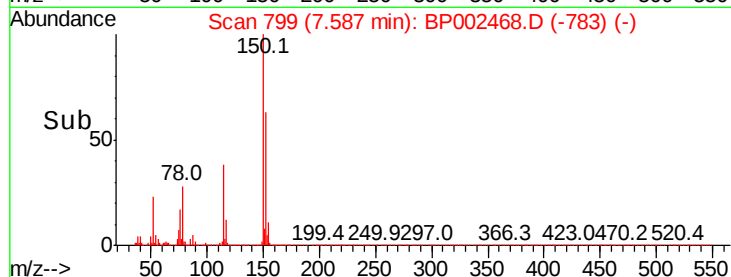
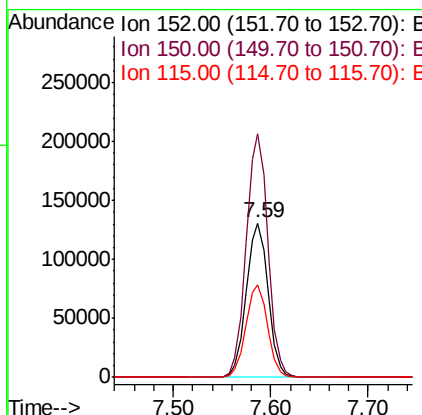
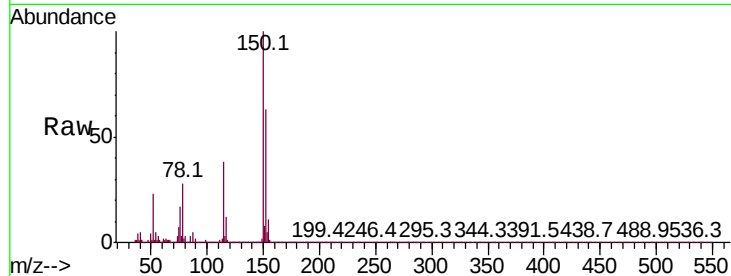
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Instrument :
BNA_P
ClientSampled :
1-SP-3-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.0	186.0
115	60.3	47.4	71.0

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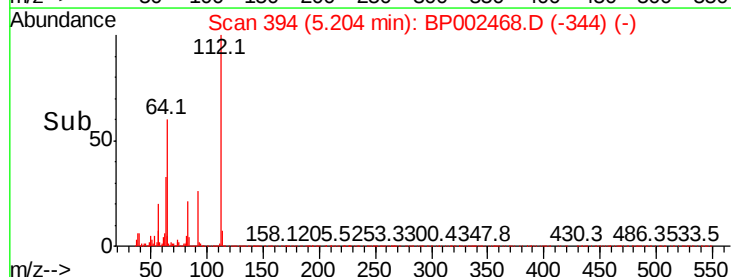
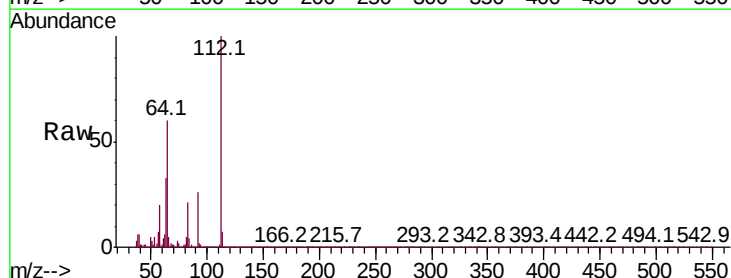
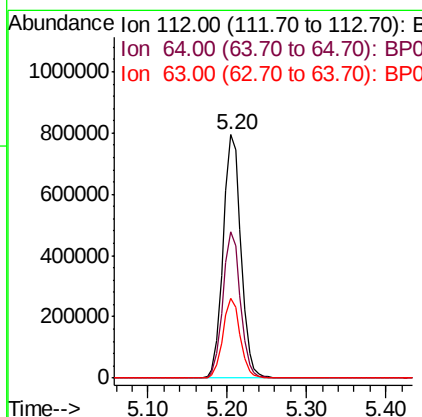
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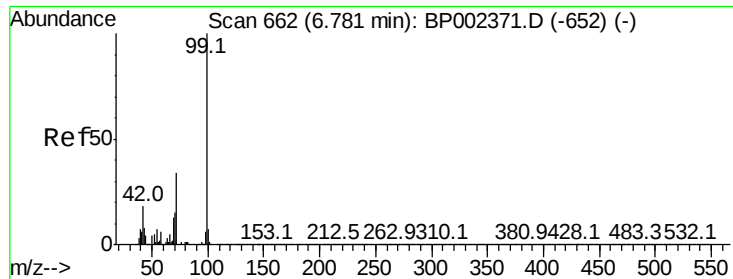


#5

2-Fluorophenol
Concen: 111.700 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.2	69.2
63	32.7	24.5	36.7





#7

Phenol-d6

Concen: 119.549 ng

RT: 6.77 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002468.D

Acq: 19 Jun 2020 20:33

Instrument :

BNA_P

ClientSampled :

1-SP-3-5

Tot Ion: 99 Resp: 1761400

Ion Ratio Lower Upper

99 100

42 18.9 14.6 22.0

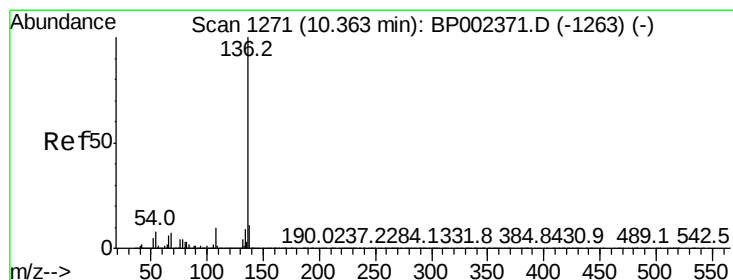
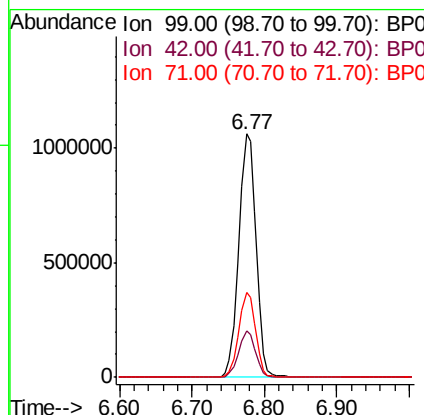
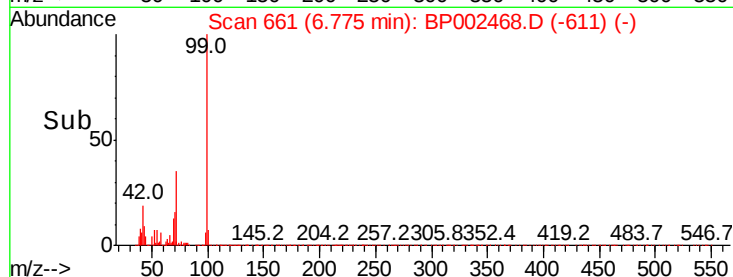
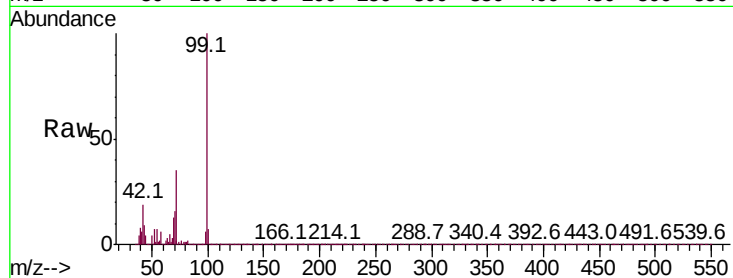
71 35.1 27.2 40.8

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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: BP002468.D

Acq: 19 Jun 2020 20:33

Tgt Ion: 136 Resp: 859509

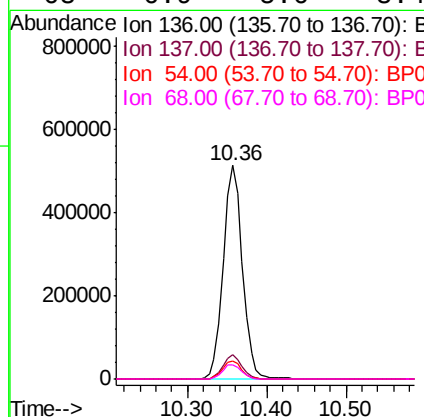
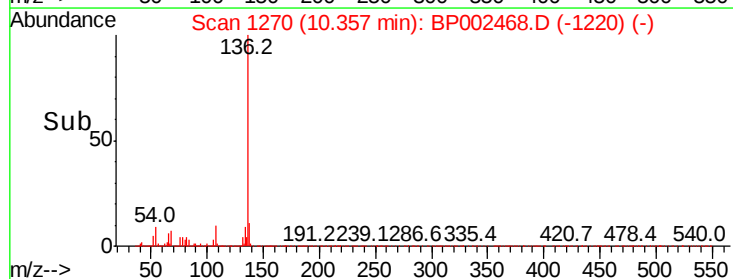
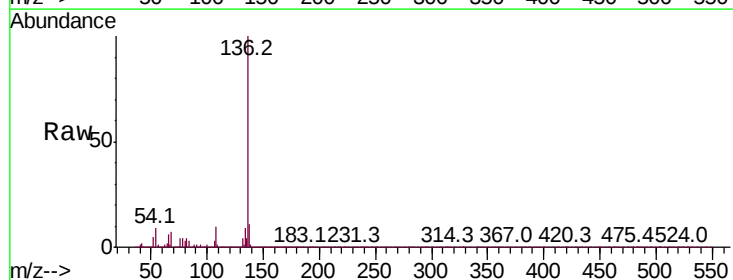
Ion Ratio Lower Upper

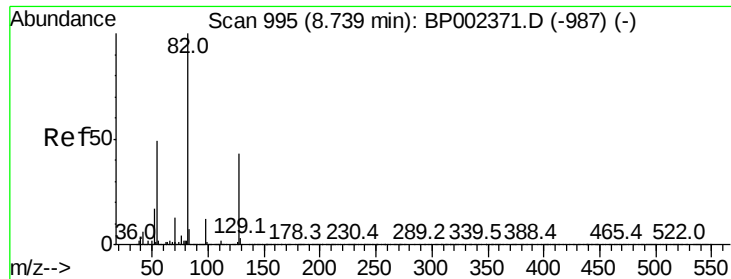
136 100

137 11.1 8.8 13.2

54 8.6 6.4 9.6

68 6.9 5.6 8.4





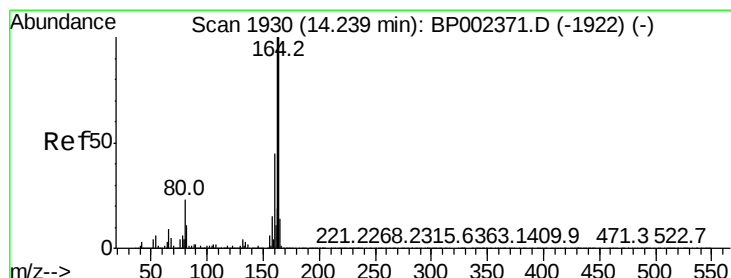
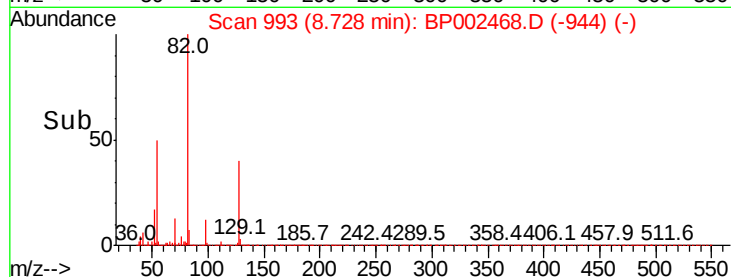
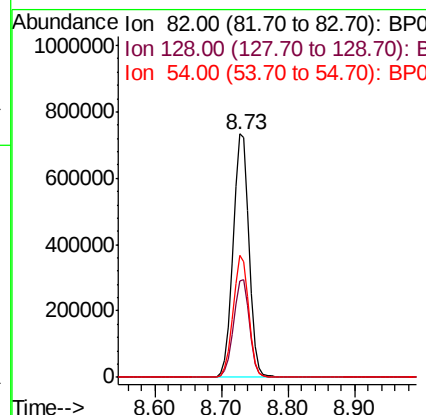
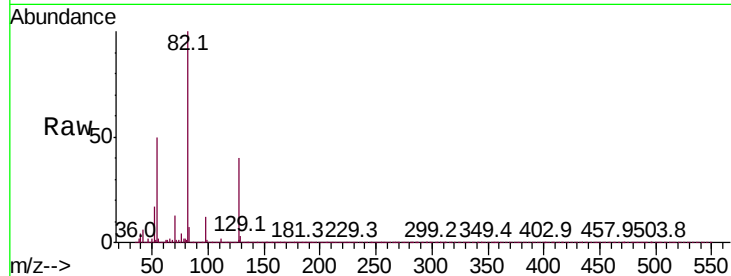
#23
Nitrobenzene-d5
Concen: 86.157 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.5	51.7
54	49.9	39.4	59.2

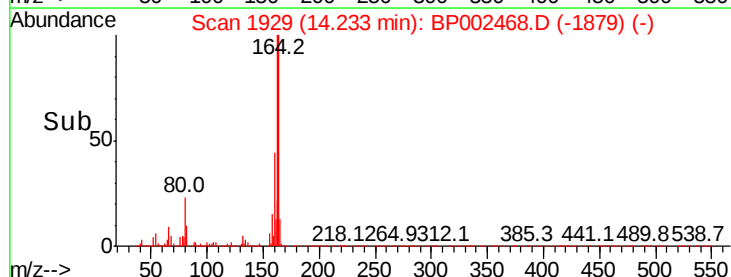
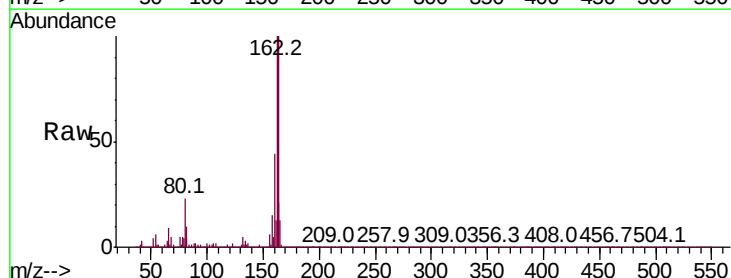
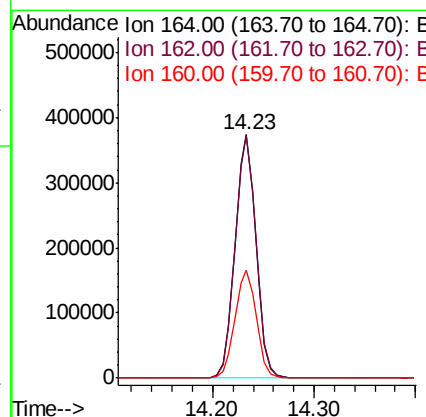
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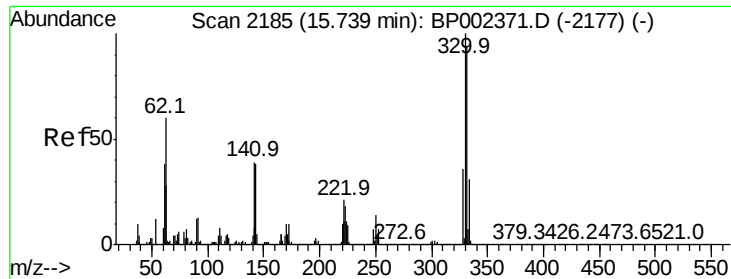
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.8	119.8
160	44.4	36.2	54.2





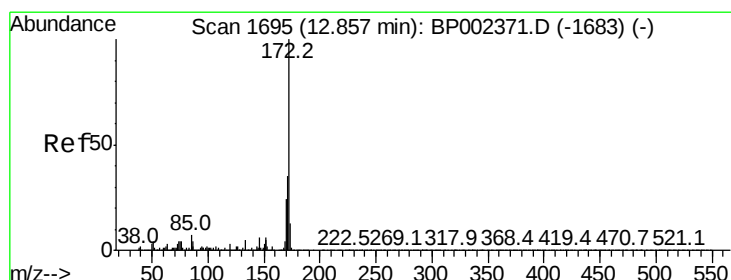
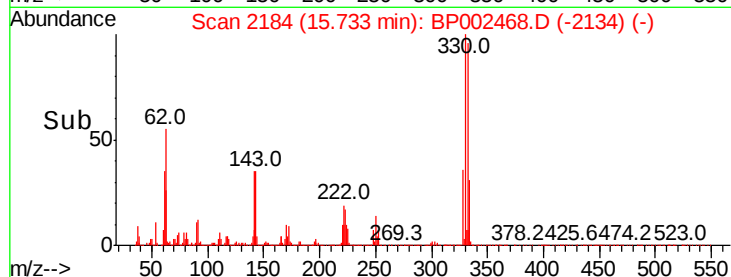
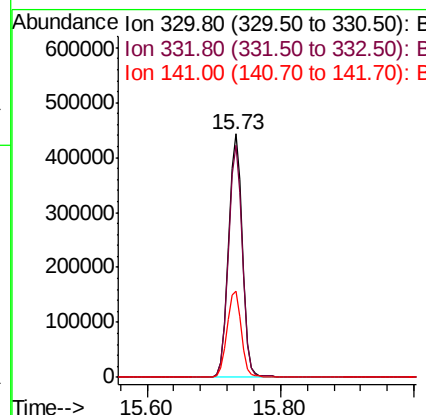
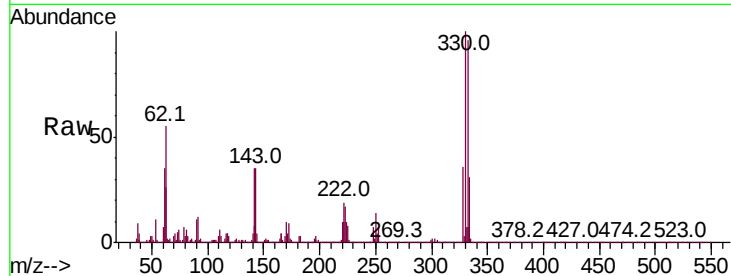
#42
2,4,6-Tribromophenol
Concen: 127.492 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Instrument :
BNA_P
ClientSampled :
1-SP-3-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	651957		
332	96.3	76.6	115.0	
141	36.7	30.3	45.5	

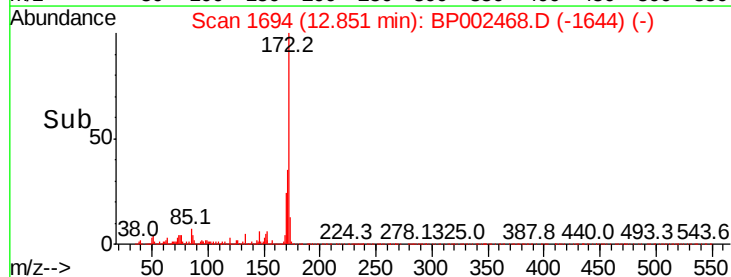
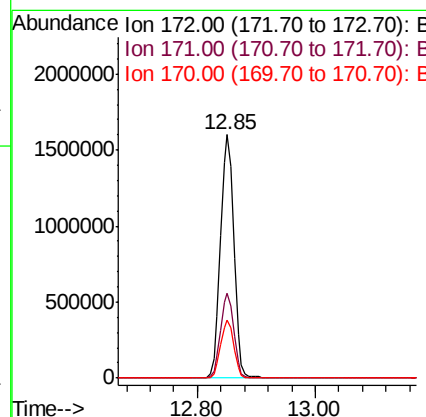
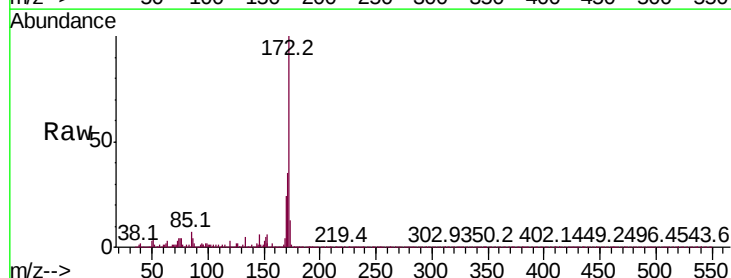
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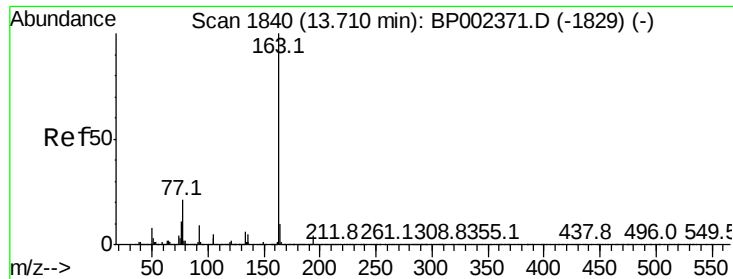
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#45
2-Fluorobiphenyl
Concen: 79.959 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2539934		
171	34.9	27.8	41.8	
170	23.8	19.0	28.6	





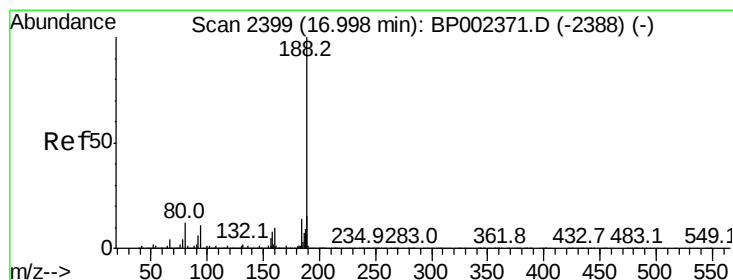
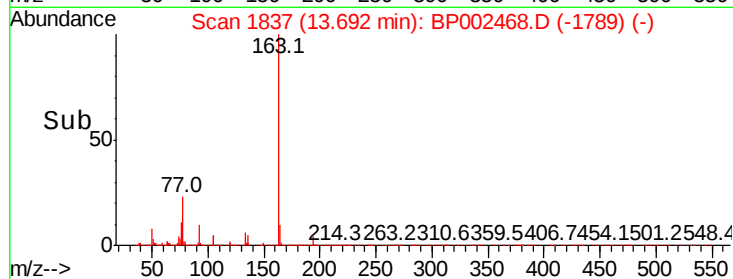
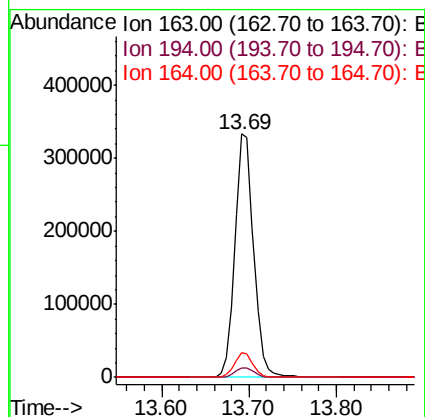
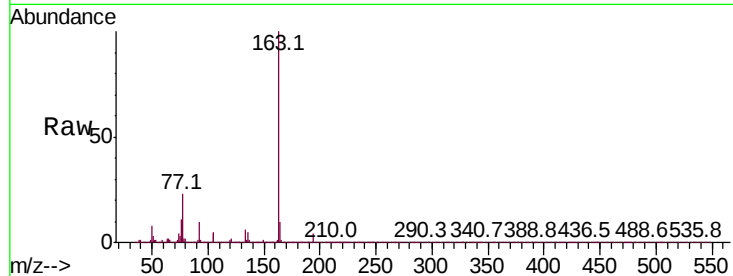
#50
Dimethylphthalate
Concen: 13.223 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	483923		
194	3.9		3.4	5.0
164	10.2		8.1	12.1

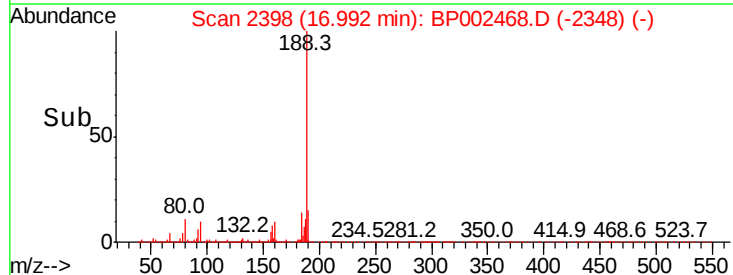
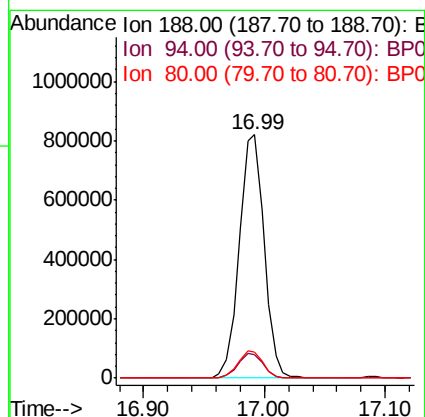
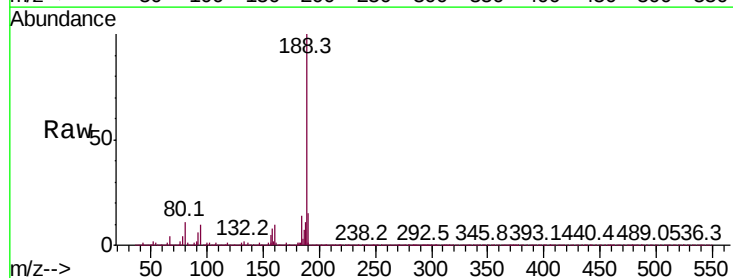
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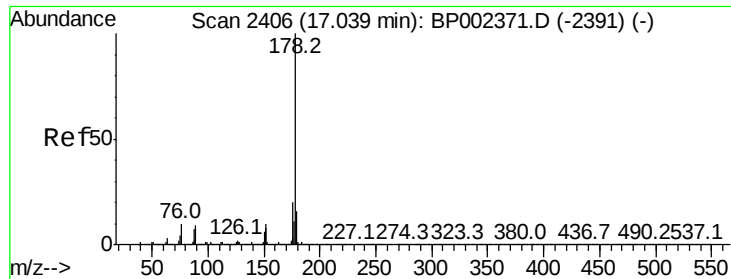
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1180541		
94	9.6		8.5	12.7
80	10.9		9.4	14.0





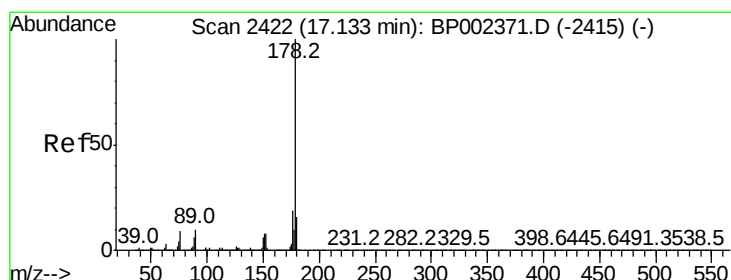
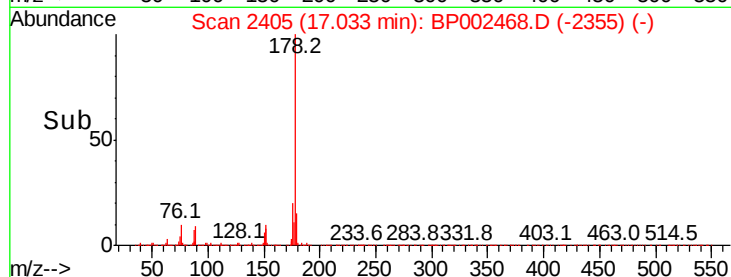
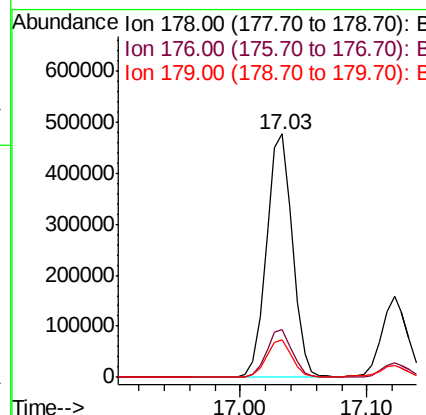
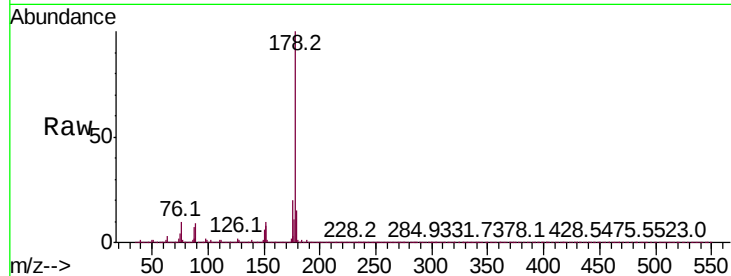
#71
Phenanthrene
Concen: 12.274 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.4	12.5	18.7

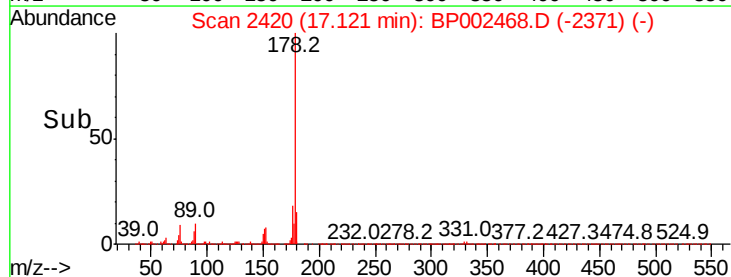
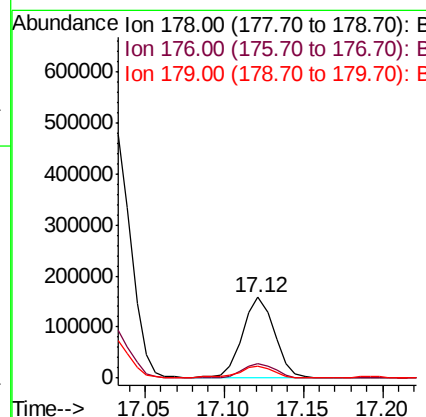
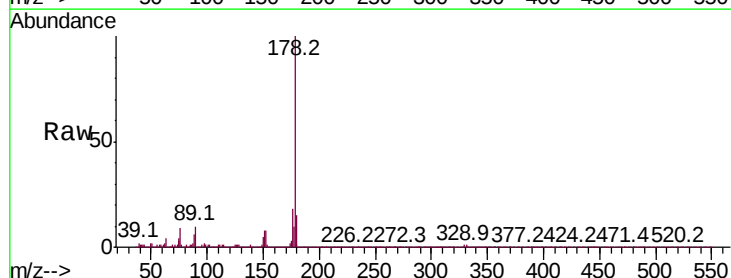
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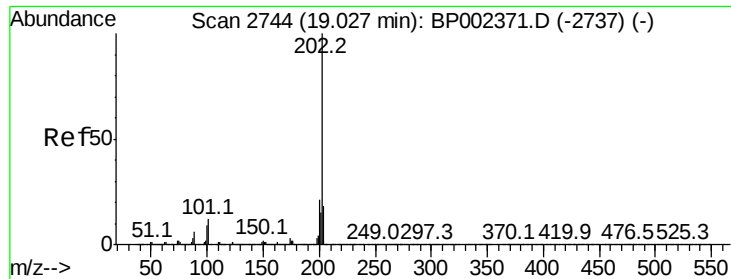
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#72
Anthracene
Concen: 3.988 ng
RT: 17.12 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	14.8	13.0	19.4





#75

Fluoranthene

Concen: 18.259 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BP002468.D

Acq: 19 Jun 2020 20:33

Instrument :

BNA_P

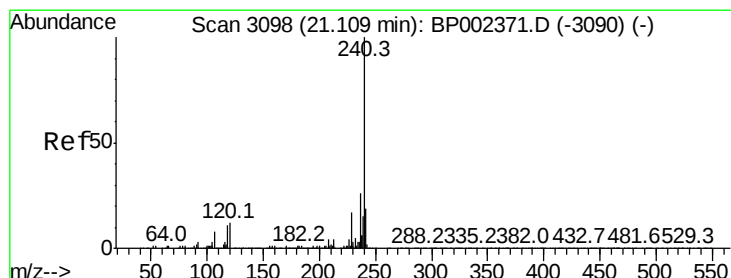
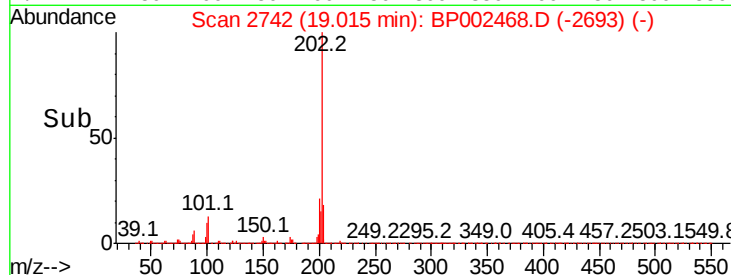
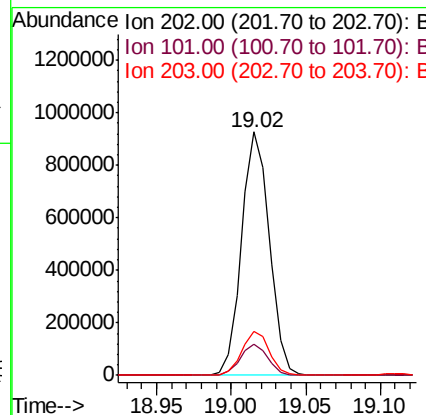
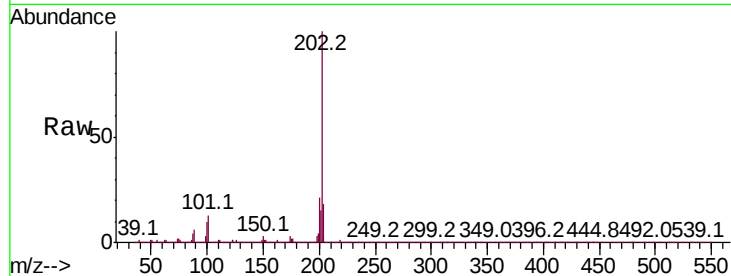
ClientSampleId :

1-SP-3-5

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.8
203	18.2	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

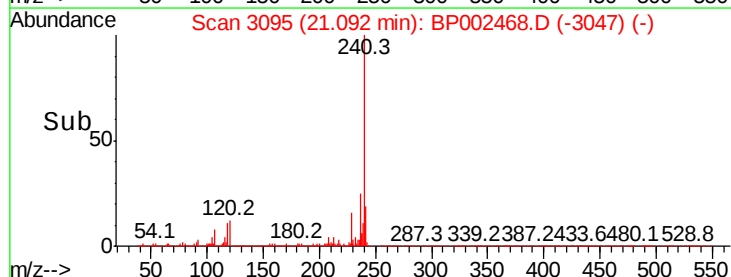
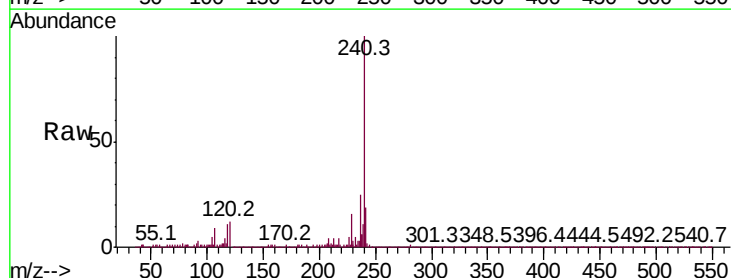
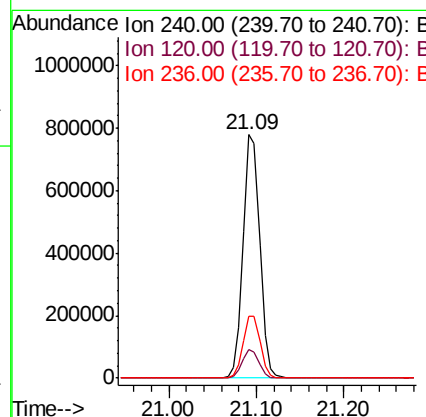
RT: 21.09 min Scan# 3095

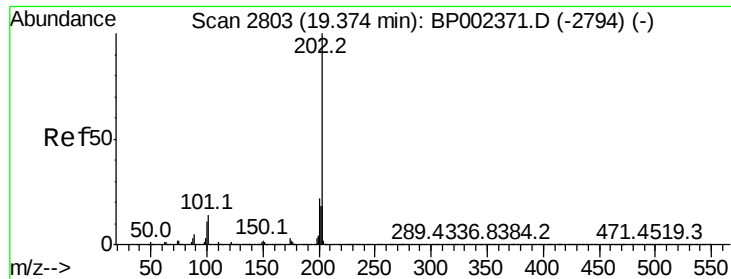
Delta R.T. -0.02 min

Lab File: BP002468.D

Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.3	13.9
236	25.4	21.0	31.6





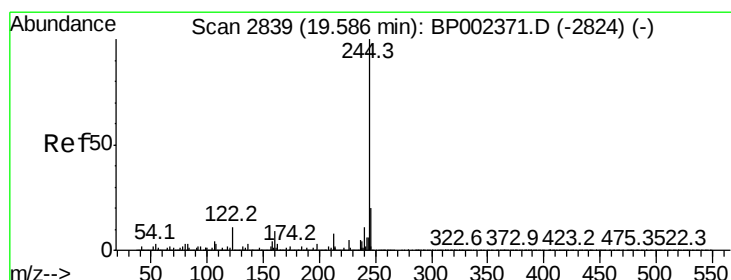
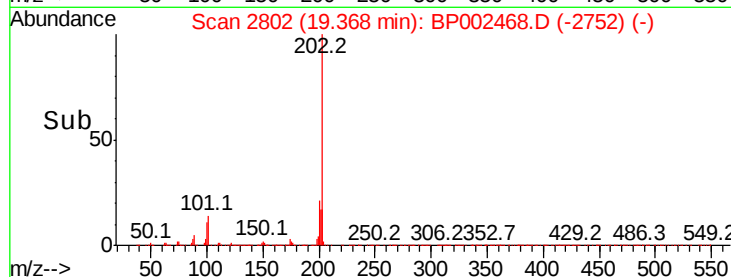
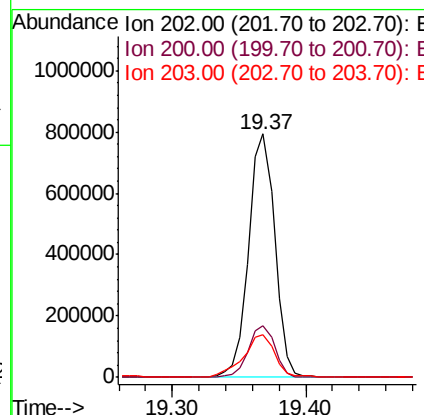
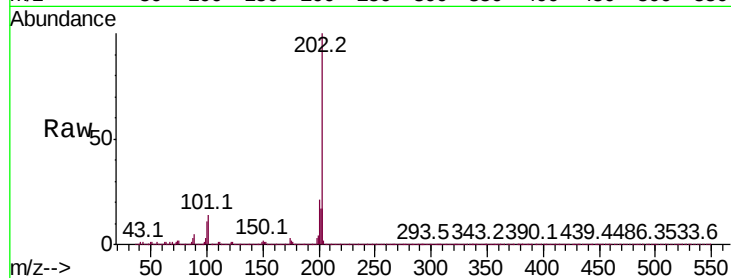
#78
Pvrene
Concen: 17.606 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Instrument :
BNA_P
ClientSampled :
1-SP-3-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.5	14.6	22.0

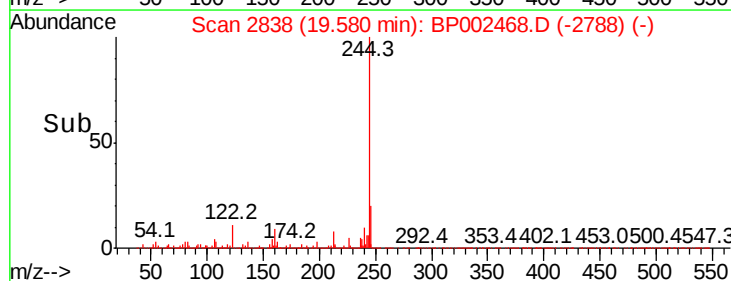
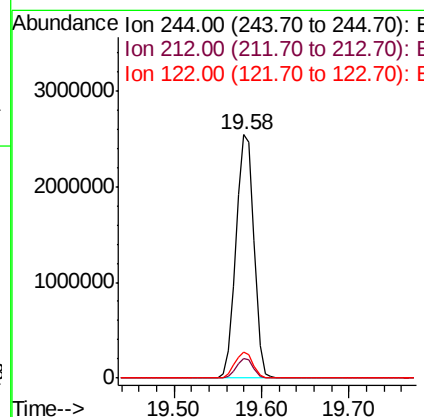
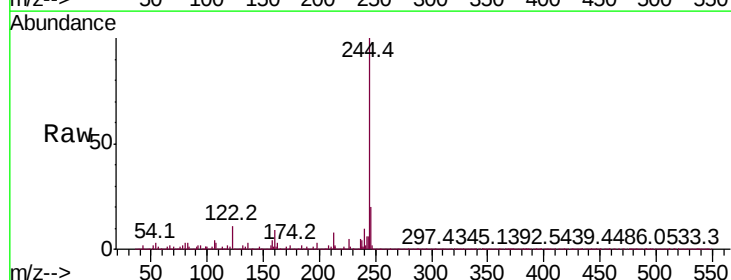
Manual Integrations
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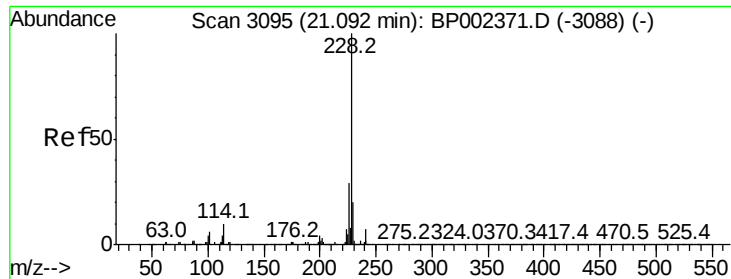
mohammad
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#79
Terphenyl-d14
Concen: 96.002 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	10.7	8.8	13.2





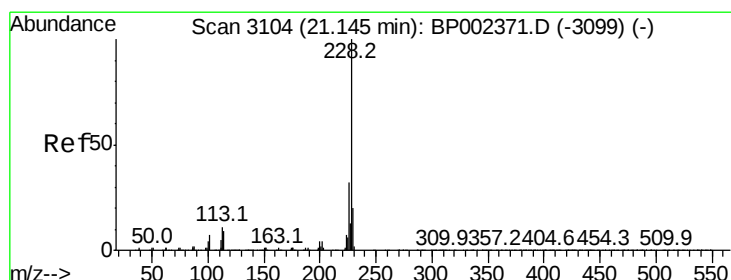
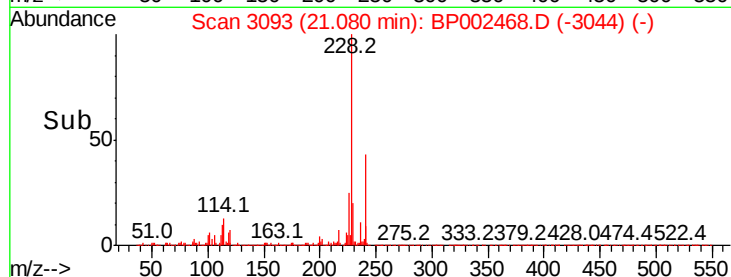
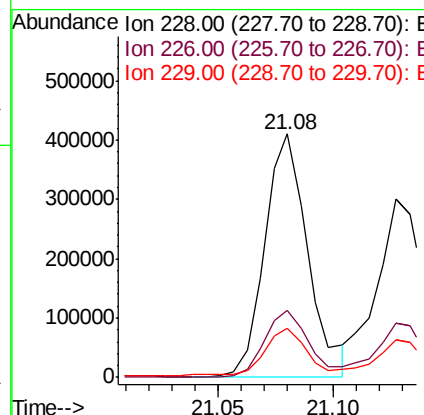
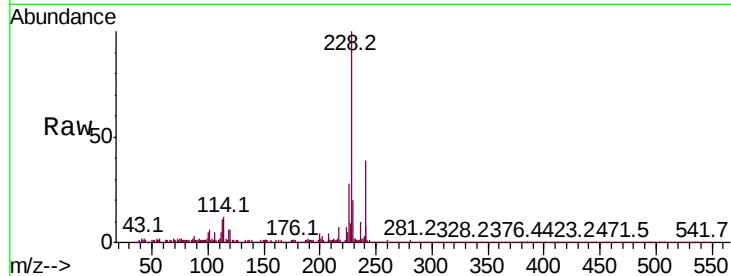
#81
Benzo(a)anthracene
Concen: 9.287 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Instrument :
BNA_P
ClientSampled :
1-SP-3-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.8	34.2
229	20.3	16.2	24.2

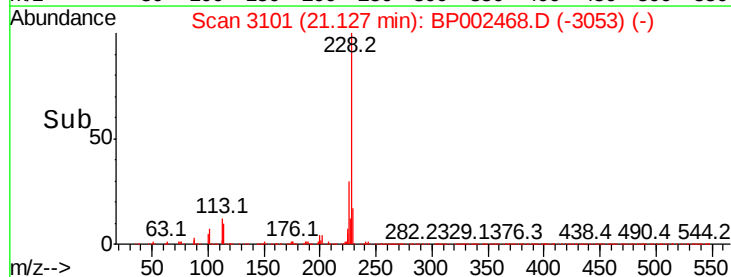
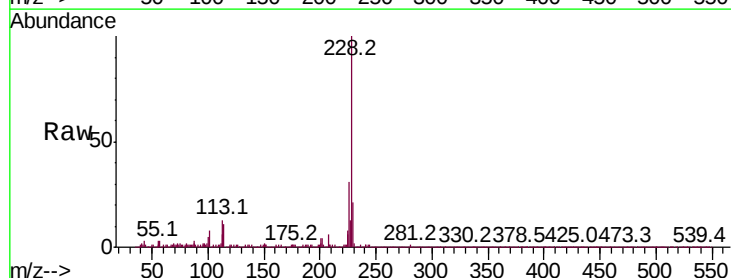
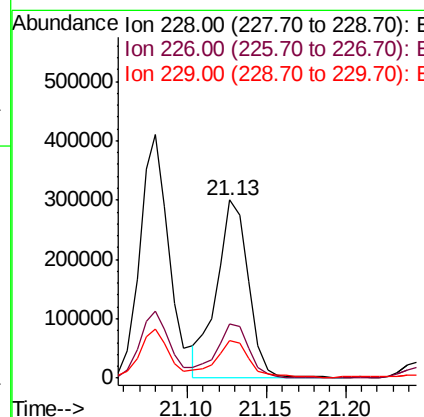
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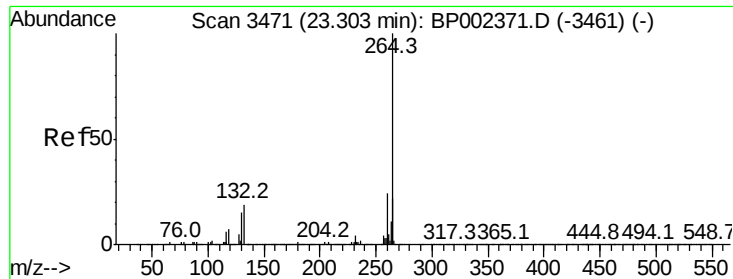
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#83
Chrysene
Concen: 7.701 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	21.3	16.1	24.1





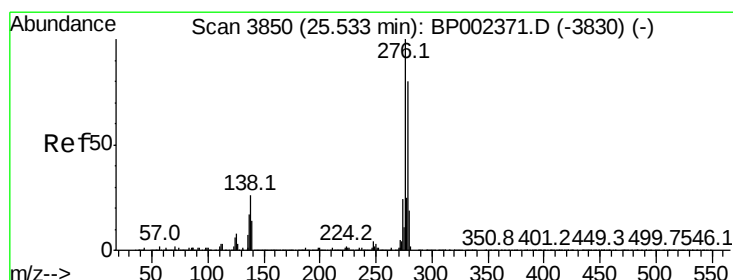
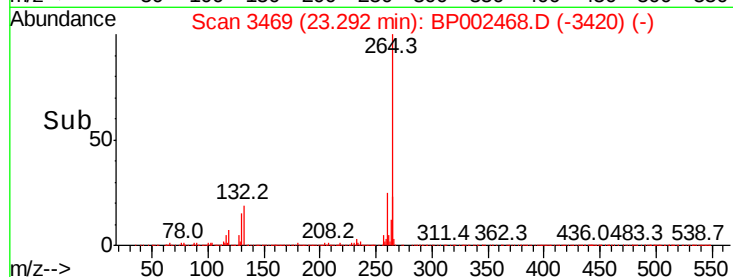
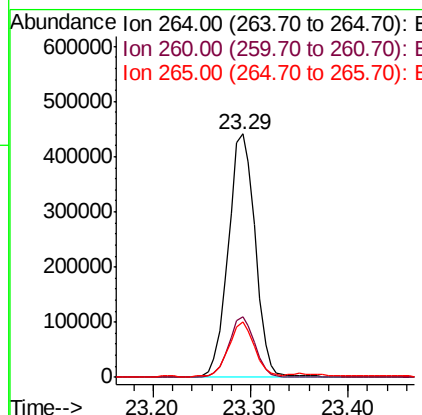
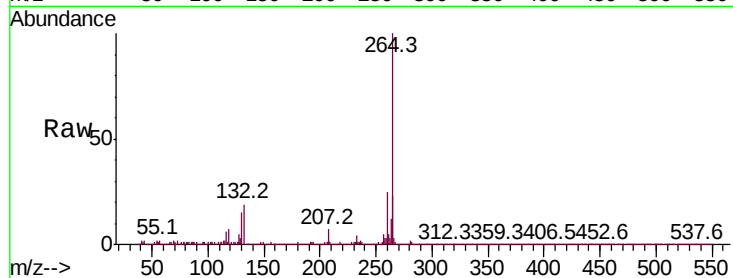
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Instrument :
BNA_P
ClientSampled :
1-SP-3-5

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.0	19.4	29.0
265	22.9	17.4	26.2

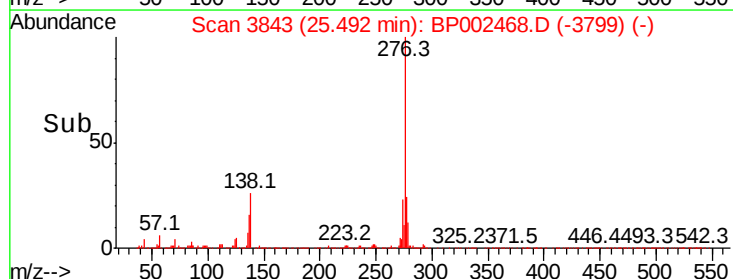
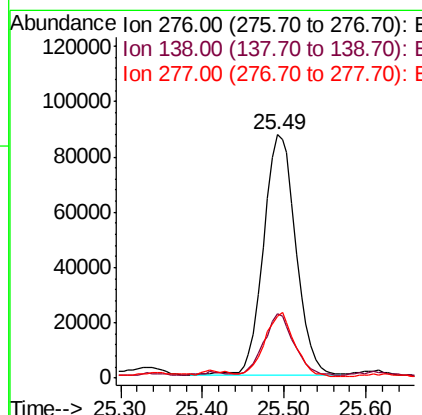
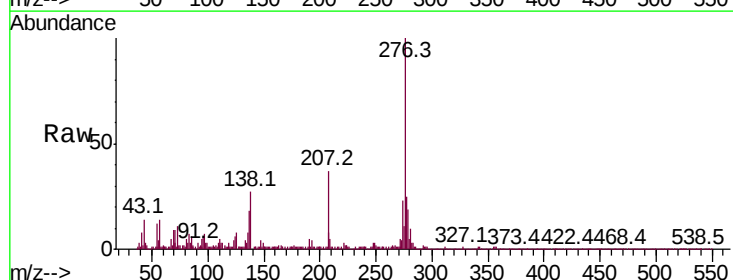
Manual Integrations
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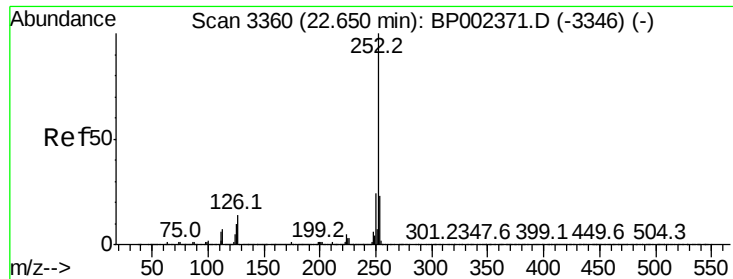
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.555 ng
RT: 25.49 min Scan# 3843
Delta R.T. -0.04 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.0	21.2	31.8
277	24.4	20.3	30.5





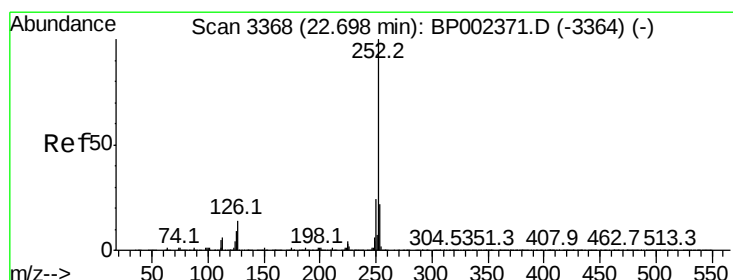
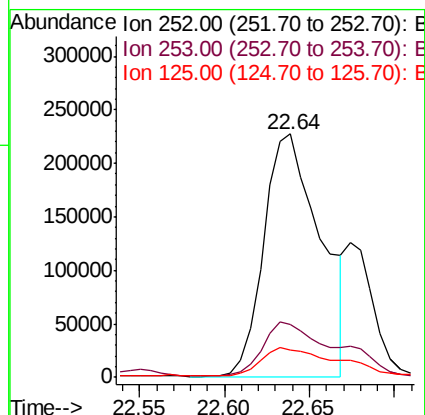
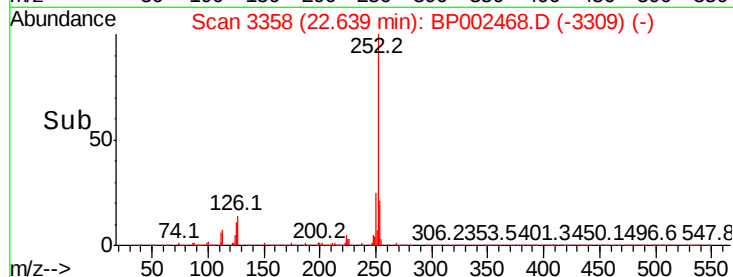
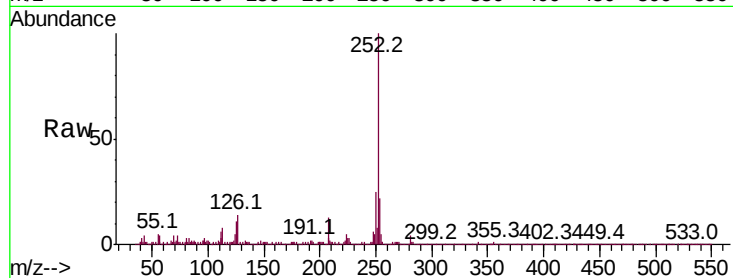
#88
Benzo(b)fluoranthene
Concen: 11.602 ng m
RT: 22.64 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.4	8.2	12.2

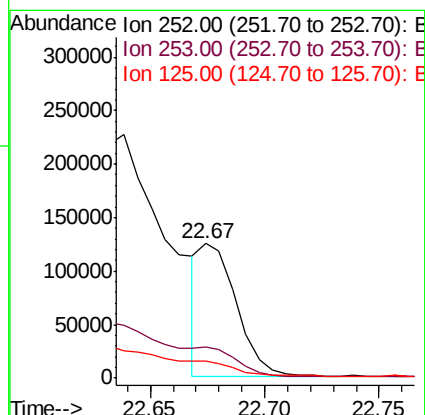
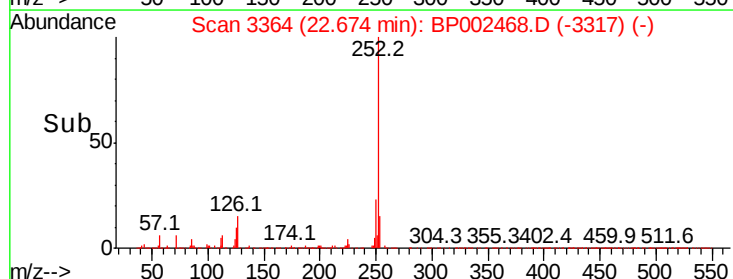
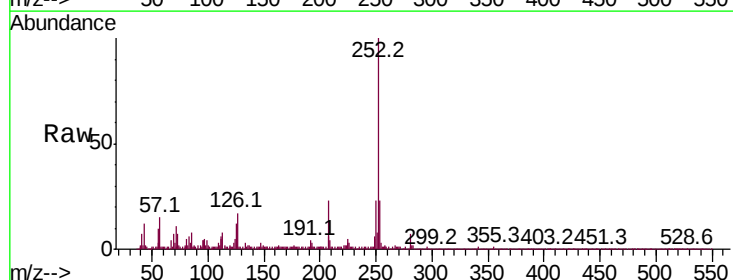
Manual Integrations
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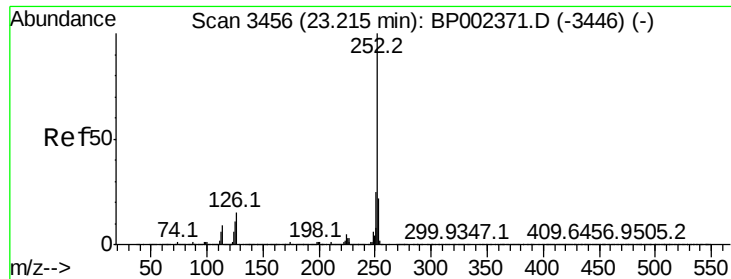
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#89
Benzo(k)fluoranthene
Concen: 3.177 ng m
RT: 22.67 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.2	7.8	11.8





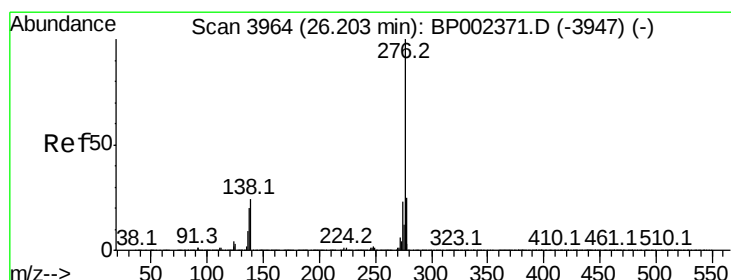
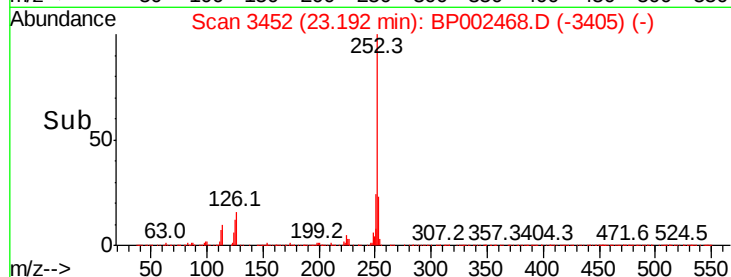
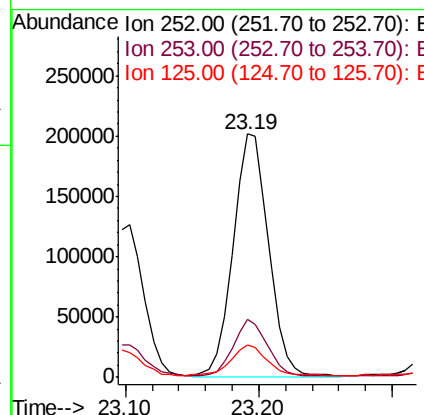
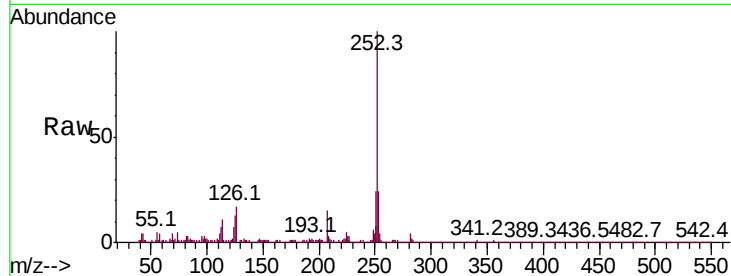
#90
Benzo(a)pyrene
Concen: 8.731 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Instrument :
BNA_P
ClientSampled :
1-SP-3-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	13.1	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.205 ng
RT: 26.17 min Scan# 3958
Delta R.T. -0.04 min
Lab File: BP002468.D
Acq: 19 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.6
138	23.7	19.2	28.8

