

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002559.D
 Acq On : 26 Jun 2020 19:37
 Operator : CG/JU
 Sample : L3113-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Manual Integrations
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Quant Time: Jun 27 00:20:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	123391	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	514381	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	340434	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	747387	20.00	ng	0.00
76) Chrysene-d12	21.10	240	692738	20.00	ng	0.00
86) Perylene-d12	23.30	264	603089	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	719148	107.85	ng	0.00
7) Phenol-d6	6.78	99	1040721	117.22	ng	0.00
23) Nitrobenzene-d5	8.73	82	739785	85.89	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	495107	151.90	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1698626	83.90	ng	0.00
79) Terphenyl-d14	19.58	244	2466470	94.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	172471	7.394	ng	100
71) Phenanthrene	17.03	178	126429	3.616	ng	98
75) Fluoranthene	19.02	202	417164	9.996	ng	98
78) Pyrene	19.37	202	472210	11.129	ng	100
81) Benzo(a)anthracene	21.08	228	290137	7.338	ng	96
83) Chrysene	21.13	228	407542	10.879	ng	97
87) Indeno(1,2,3-cd)pyrene	25.51	276	168147	4.458	ng	97
88) Benzo(b)fluoranthene	22.64	252	497174m	15.287	ng	
89) Benzo(k)fluoranthene	22.68	252	145430m	4.706	ng	
90) Benzo(a)pyrene	23.20	252	292823	9.608	ng	99
92) Benzo(g,h,i)perylene	26.18	276	181978	5.807	ng	99

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

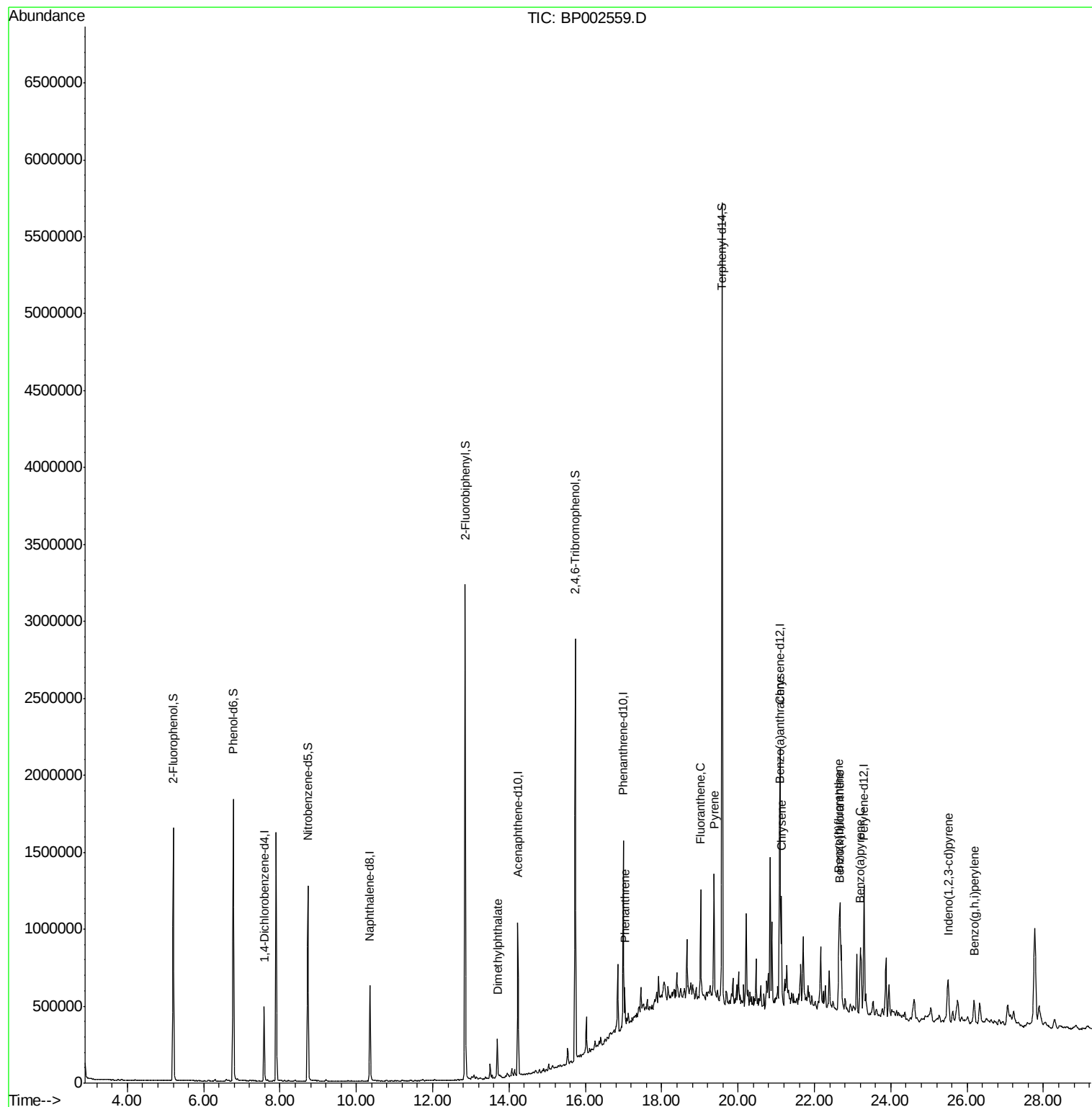
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Data File : BP002559.D
Acq On : 26 Jun 2020 19:37
Operator : CG/JU
Sample : L3113-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

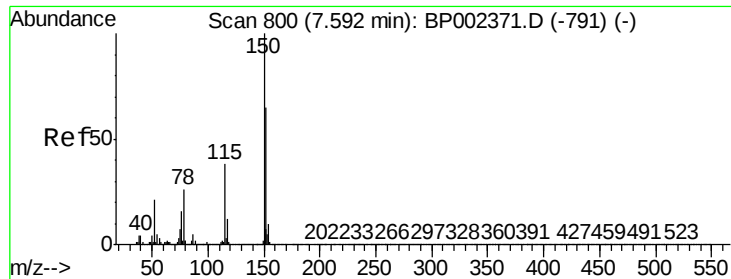
Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

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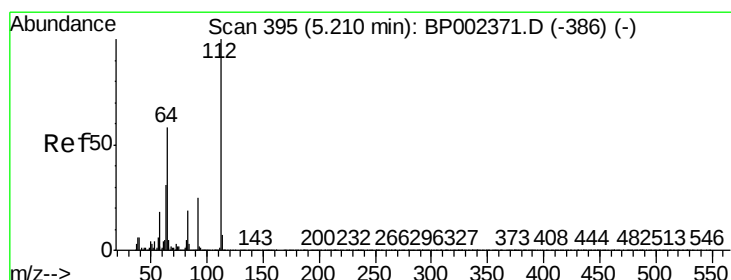
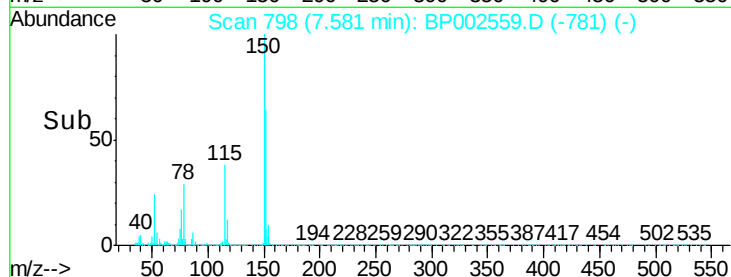
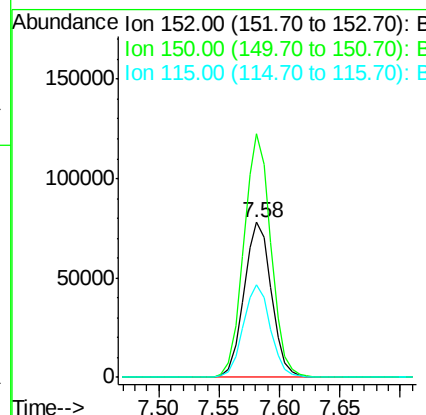
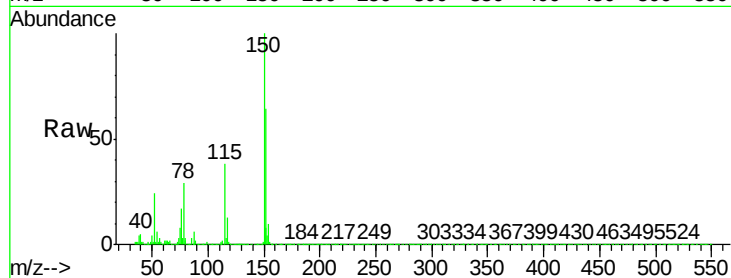
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.4	186.6
115	59.8	47.8	71.6

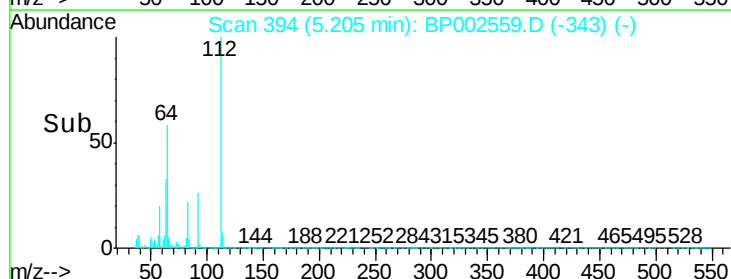
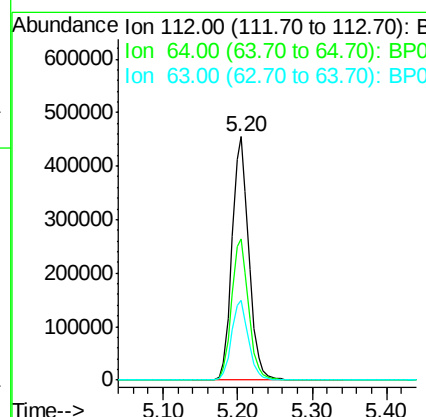
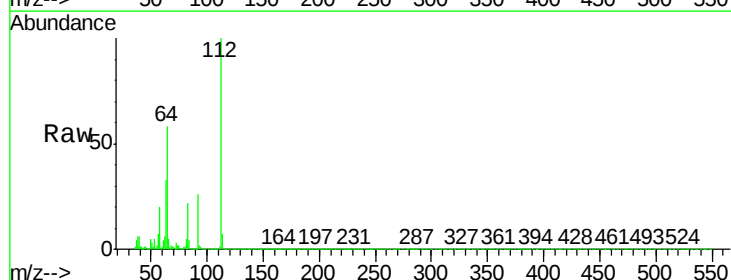
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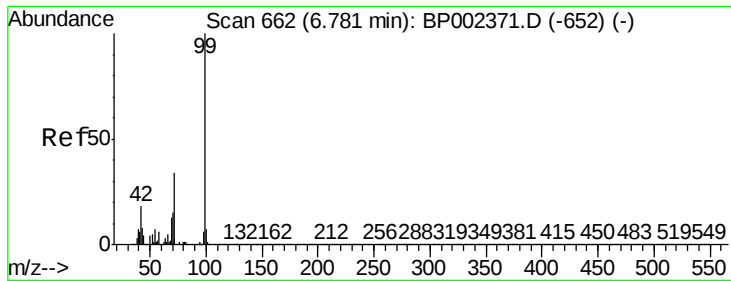
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#5
2-Fluorophenol
Concen: 107.846 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.4	69.6
63	33.0	25.0	37.6





#7

Phenol-d6

Concen: 117.223 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.00 min

Lab File: BP002559.D

Acq: 26 Jun 2020 19:37

Instrument :

BNA_P

ClientSampleId :

DRUM-COMP

Tot Ion: 99 Resp: 1040721

Ion Ratio Lower Upper

99 100

42 20.4 15.3 22.9

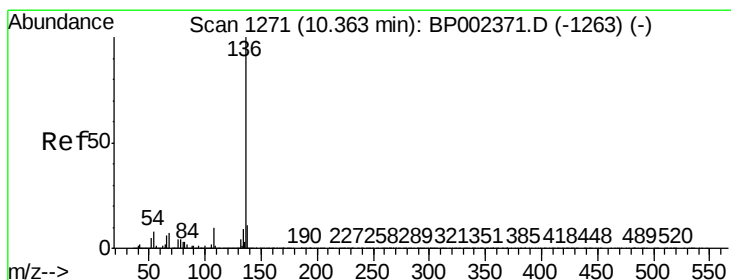
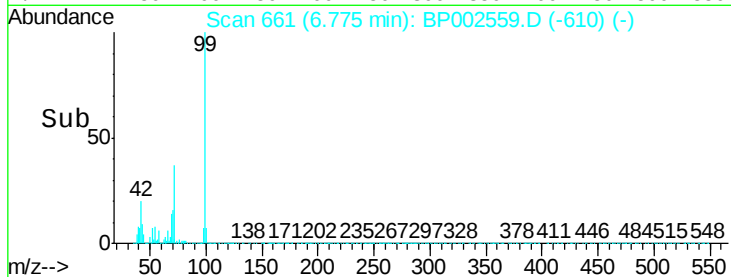
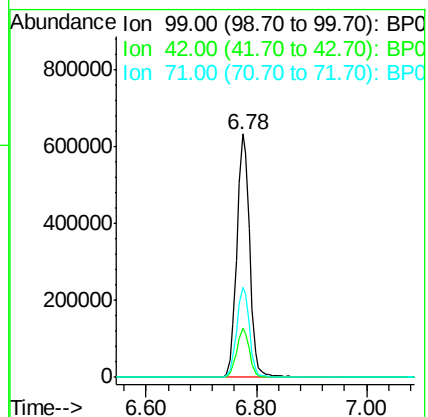
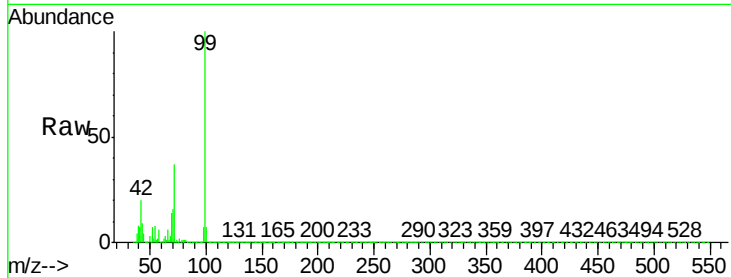
71 37.0 28.2 42.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP002559.D

Acq: 26 Jun 2020 19:37

Tgt Ion: 136 Resp: 514381

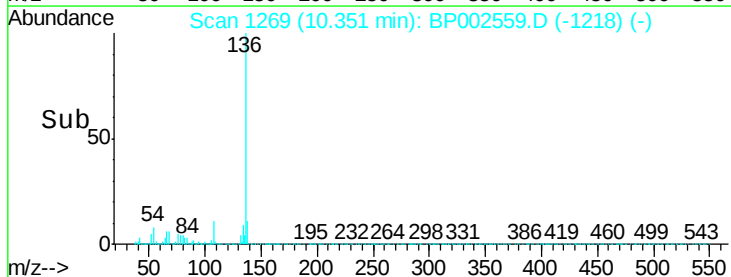
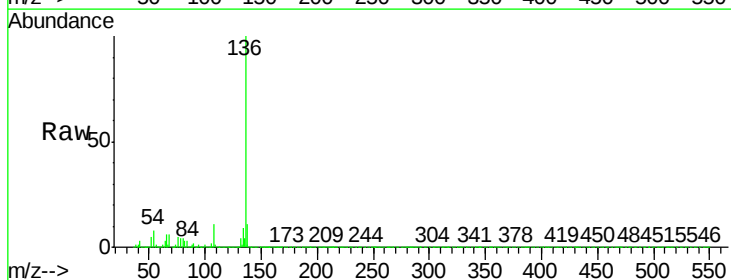
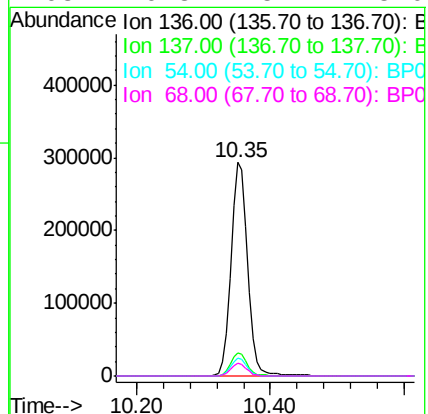
Ion Ratio Lower Upper

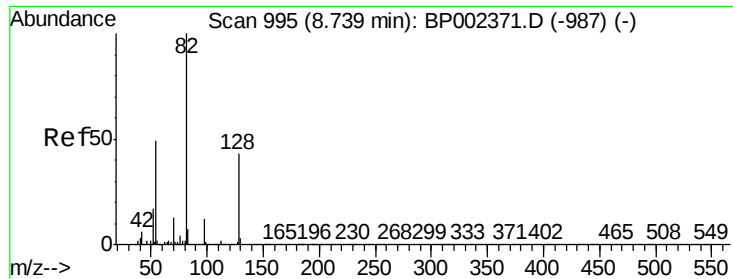
136 100

137 10.9 8.9 13.3

54 8.4 6.6 10.0

68 6.3 5.4 8.0





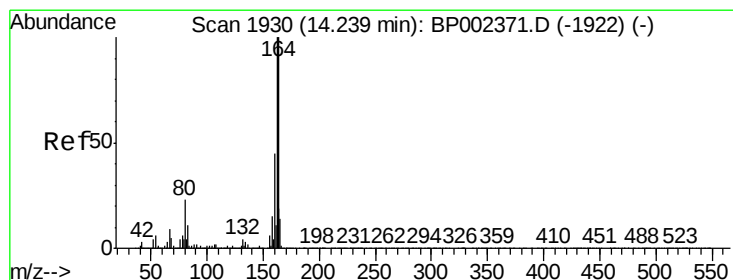
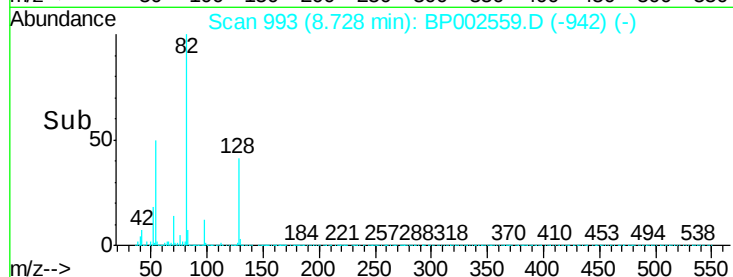
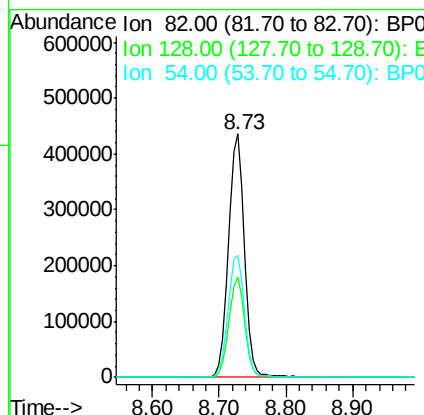
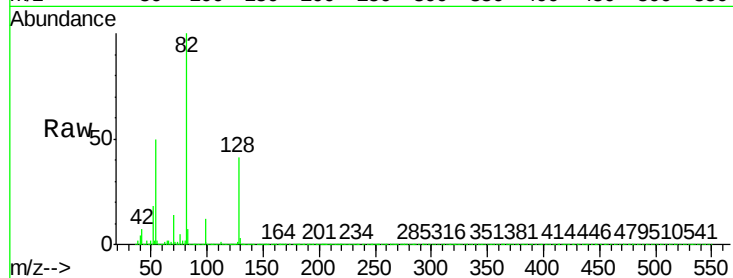
#23
Nitrobenzene-d5
Concen: 85.888 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.8	49.2
54	50.2	39.9	59.9

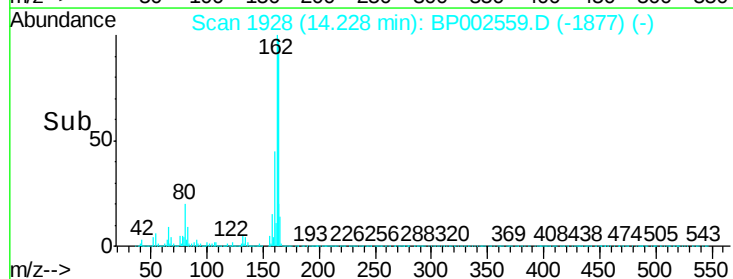
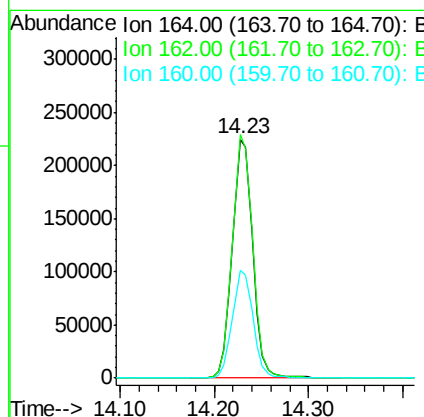
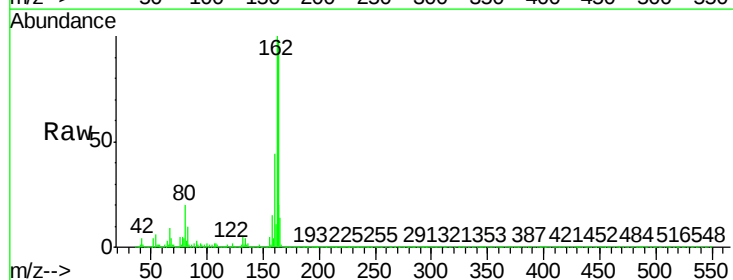
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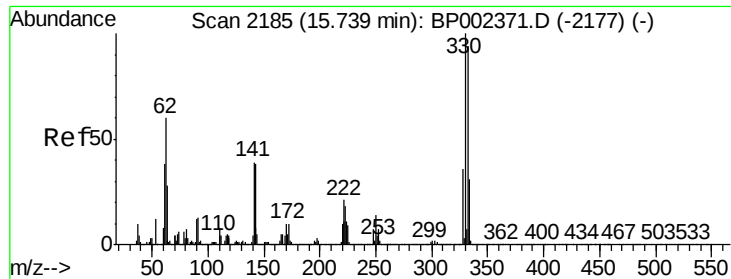
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	45.3	35.4	53.2





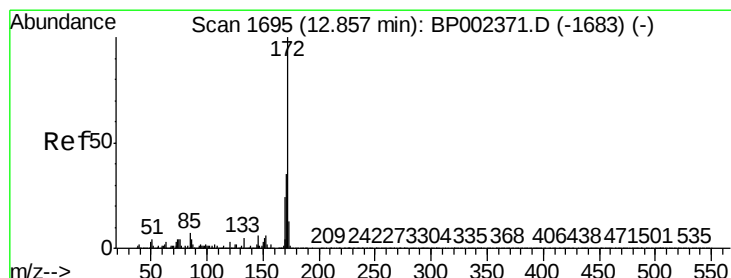
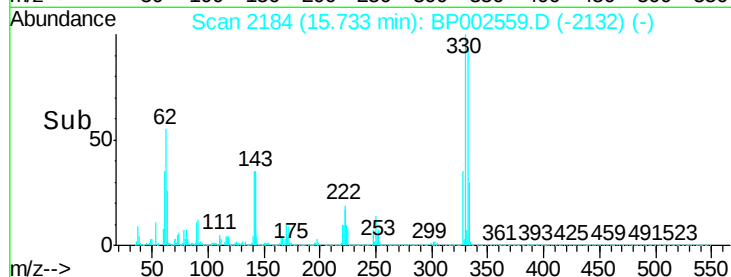
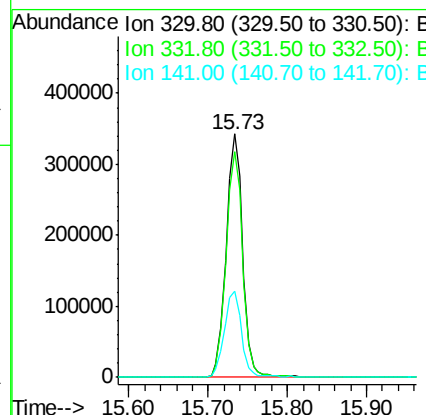
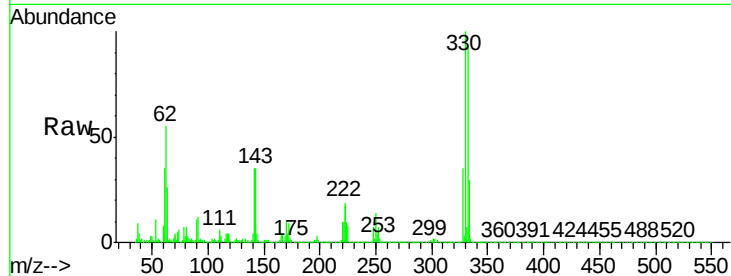
#42
 2,4,6-Tribromophenol
 Concen: 151.901 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. 0.01 min
 Lab File: BP002559.D
 Acq: 26 Jun 2020 19:37

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.2	115.8
141	36.5	30.4	45.6

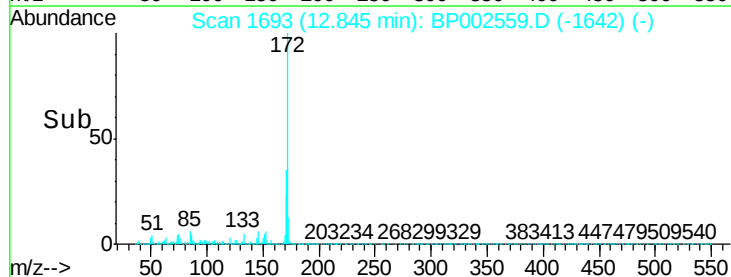
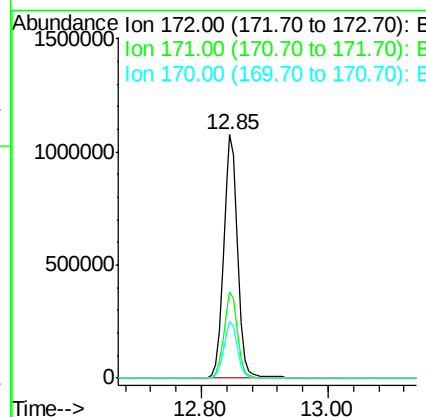
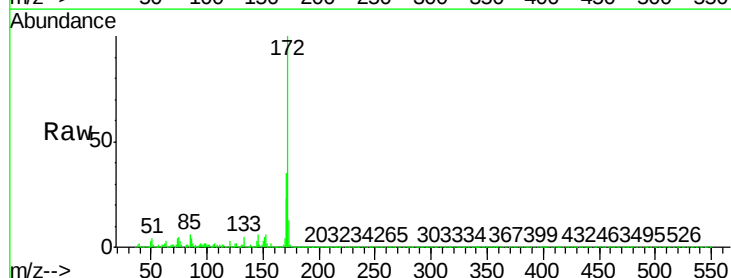
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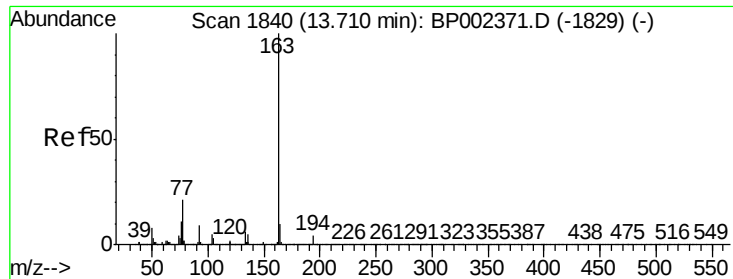
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#45
 2-Fluorobiphenyl
 Concen: 83.896 ng
 RT: 12.85 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BP002559.D
 Acq: 26 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.2	19.0	28.6





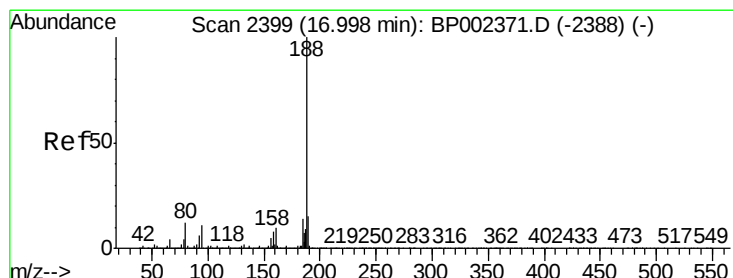
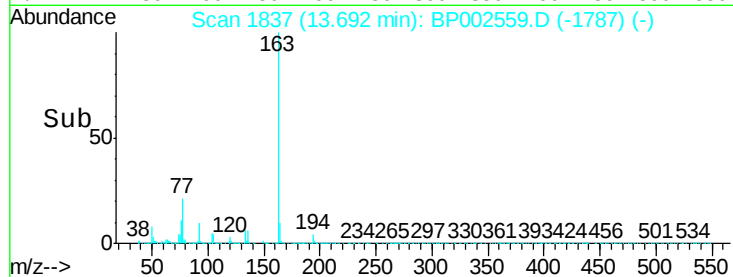
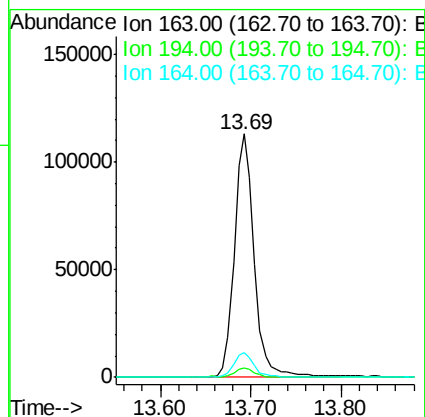
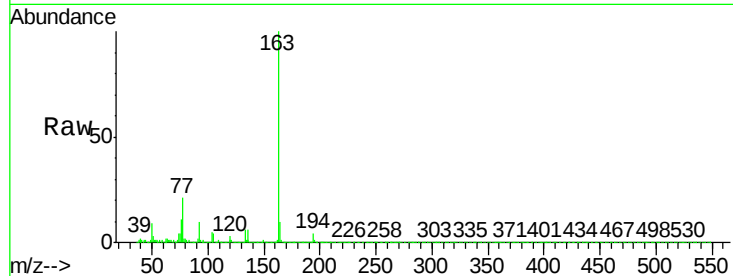
#50
Dimethylphthalate
Concen: 7.394 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampled :
DRUM-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.1		3.4	5.0	
164	10.2		8.2	12.2	

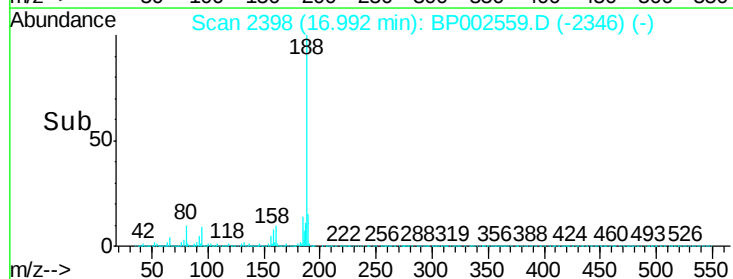
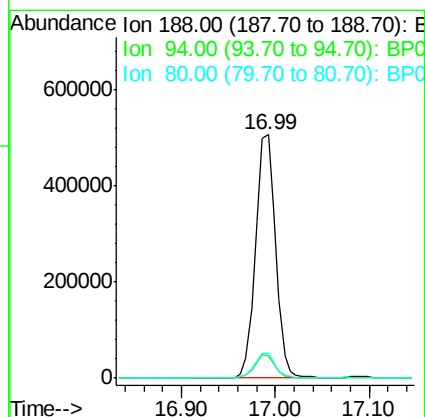
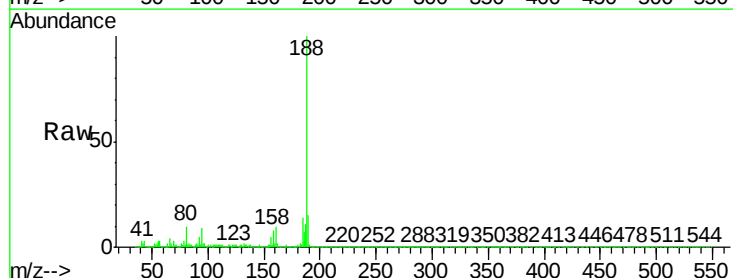
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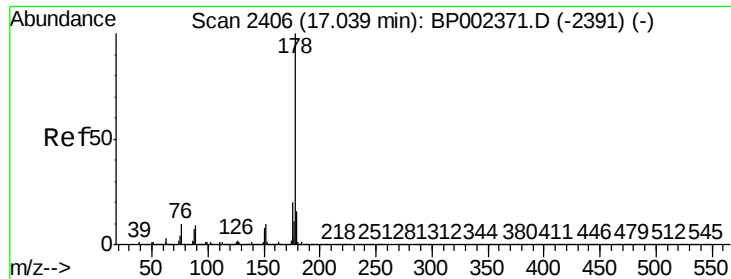
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.1		7.6	11.4	
80	10.0		8.3	12.5	





#71

Phenanthrene

Concen: 3.616 ng

RT: 17.03 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BP002559.D

Acq: 26 Jun 2020 19:37

Instrument :

BNA_P

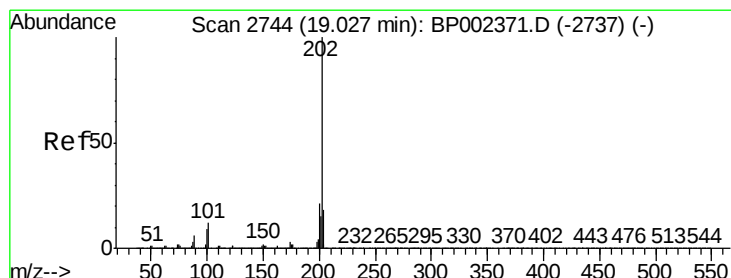
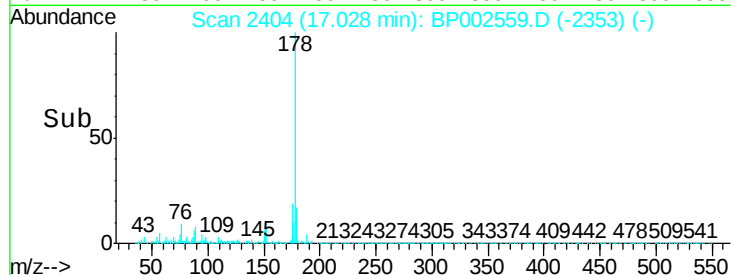
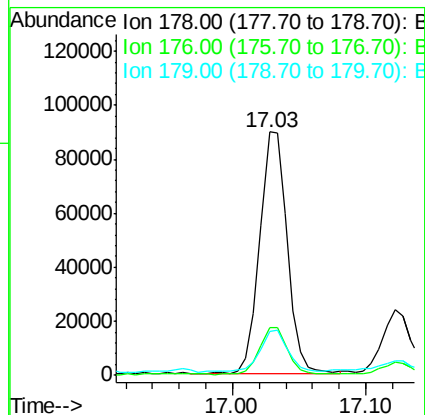
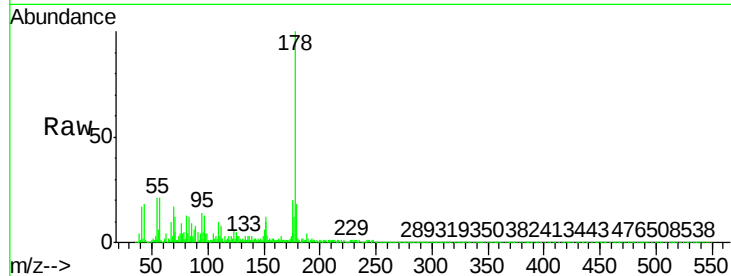
ClientSampleId :

DRUM-COMP

Tot Ion:	178	Resp:	126429
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.6	23.4
179	18.0	12.8	19.2

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#75

Fluoranthene

Concen: 9.996 ng

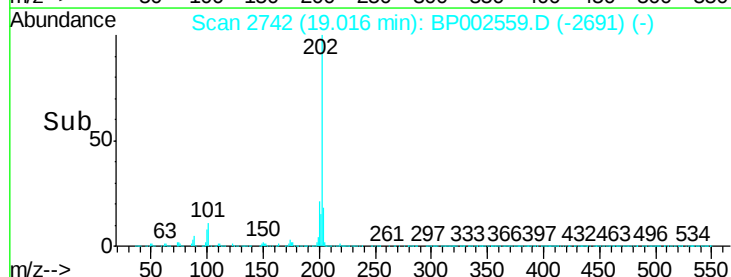
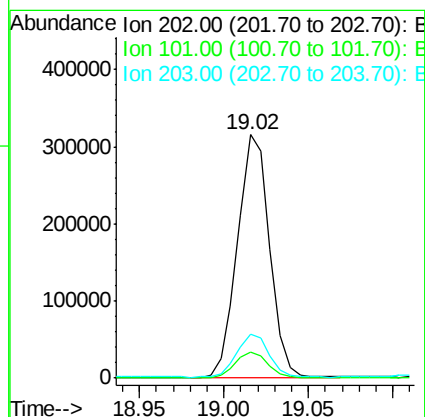
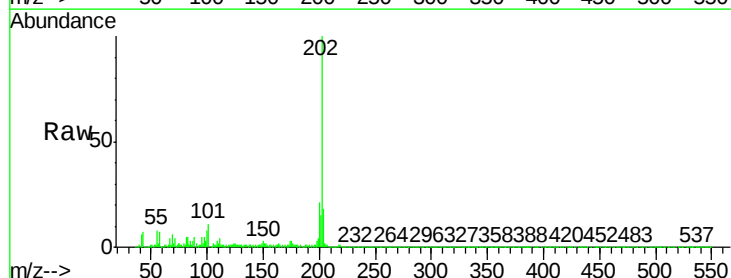
RT: 19.02 min Scan# 2742

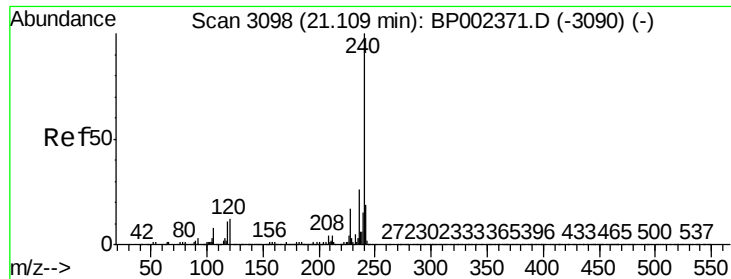
Delta R.T. -0.00 min

Lab File: BP002559.D

Acq: 26 Jun 2020 19:37

Tgt Ion:	202	Resp:	417164
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.3
203	18.2	0.0	36.9





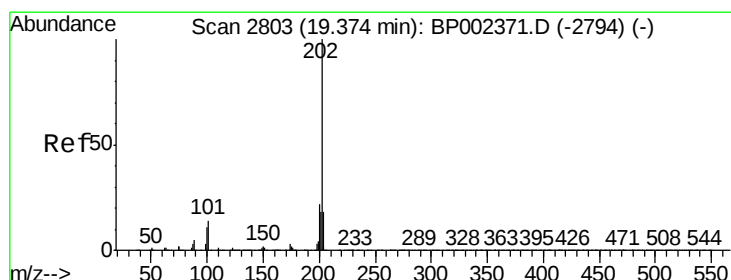
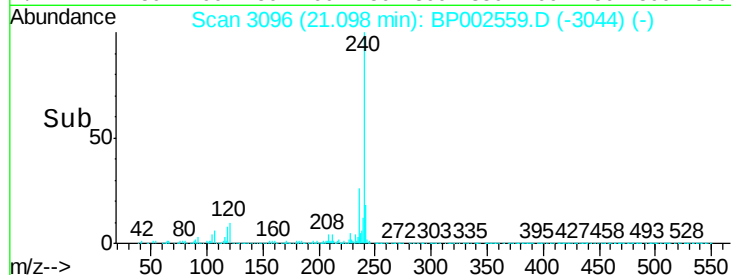
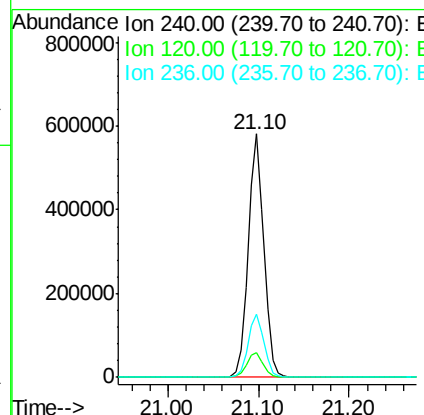
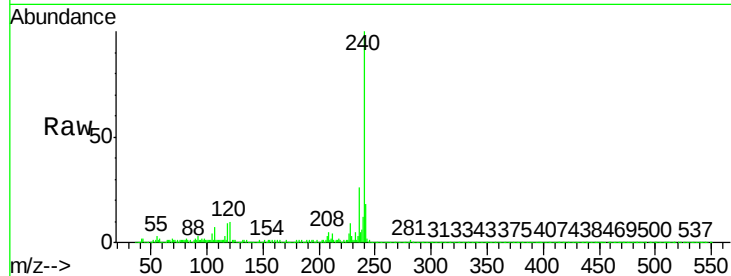
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.9	8.9	13.3
236	25.8	21.7	32.5

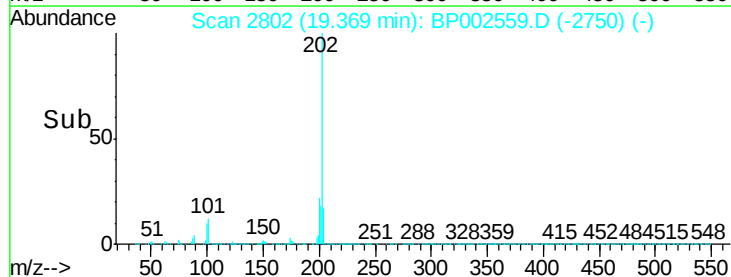
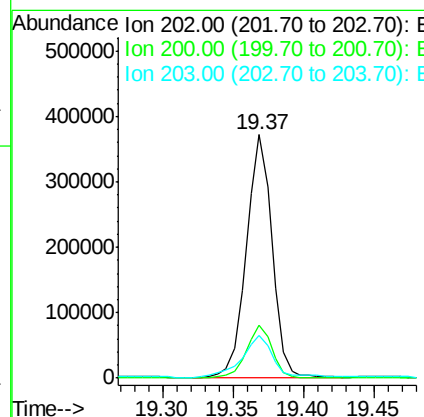
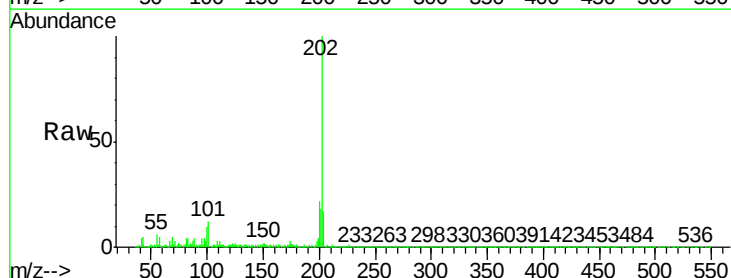
Manual Integrations
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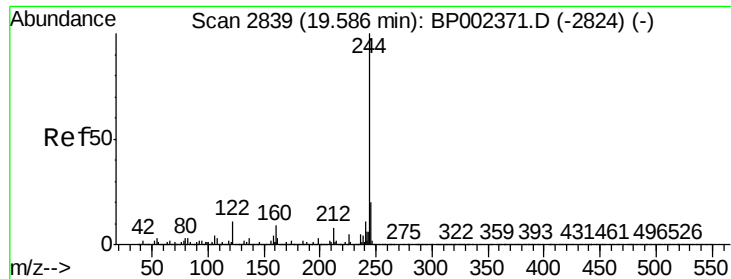
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#78
Pyrene
Concen: 11.129 ng
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.8	17.4	26.2
203	17.4	14.1	21.1





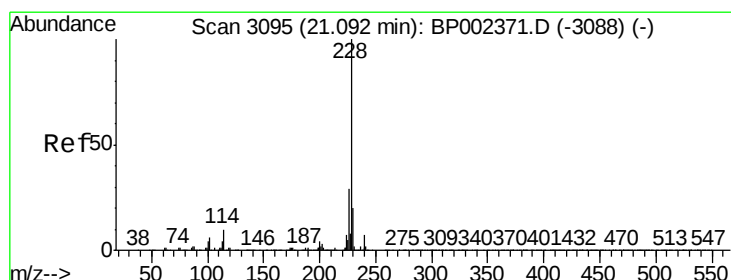
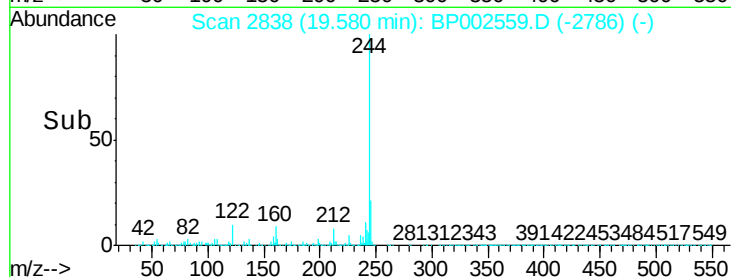
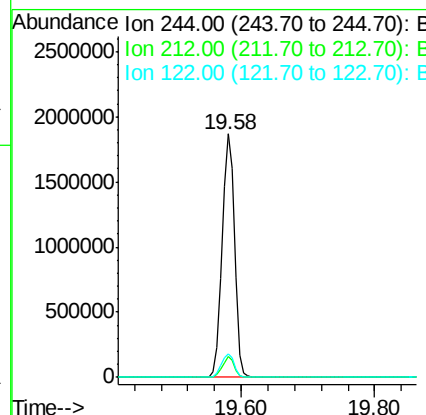
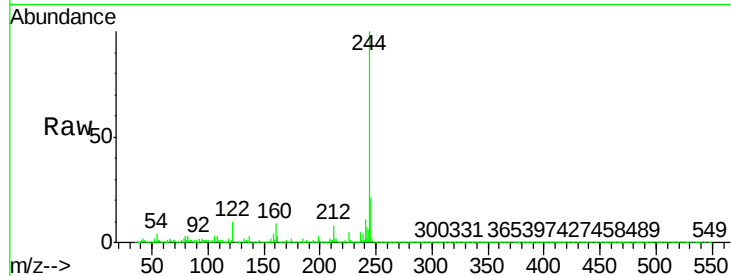
#79
 Terphenyl-d14
 Concen: 94.677 ng
 RT: 19.58 min Scan# 2838
 Delta R.T. 0.01 min
 Lab File: BP002559.D
 Acq: 26 Jun 2020 19:37

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	9.9	8.0	12.0

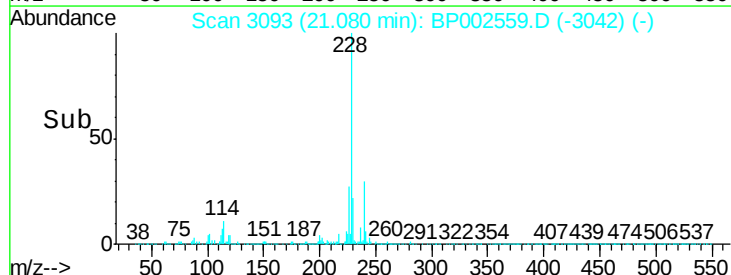
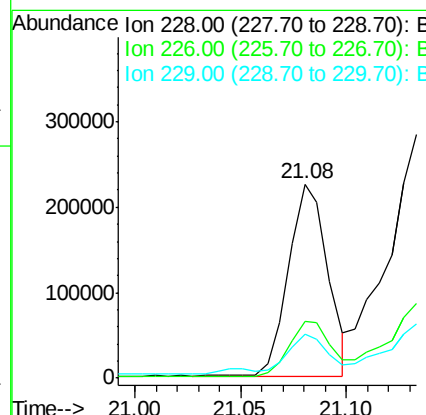
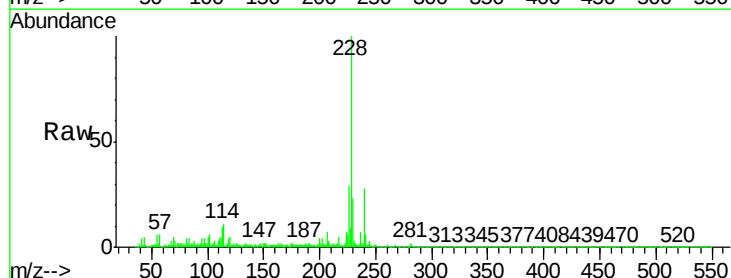
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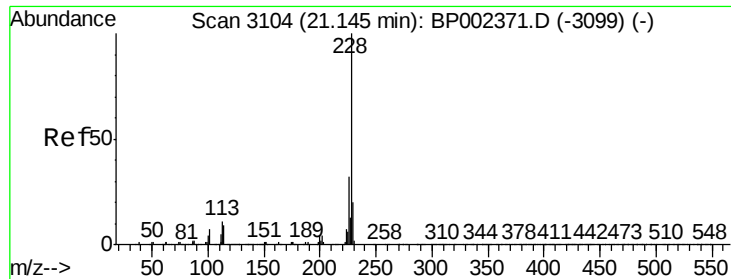
mohammad
 6/29/2020 3:18:53 PM



#81
 Benzo(a)anthracene
 Concen: 7.338 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BP002559.D
 Acq: 26 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	22.8	15.9	23.9





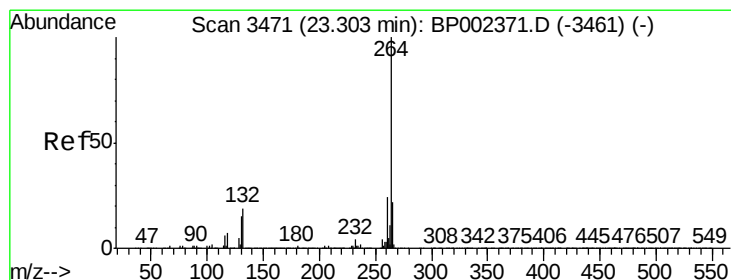
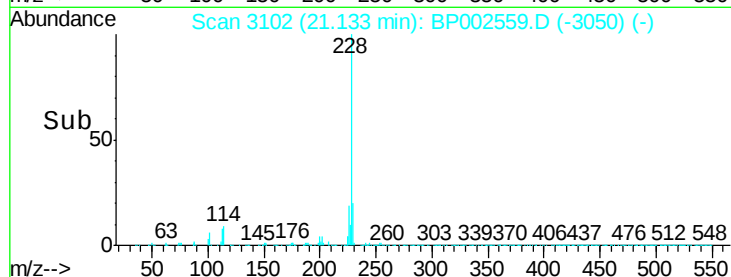
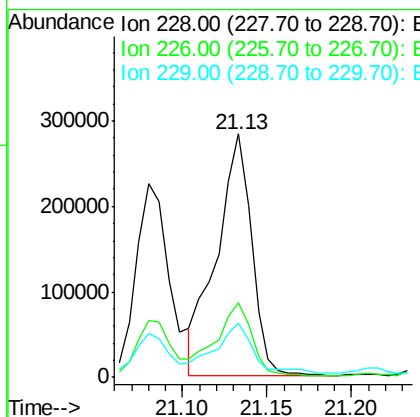
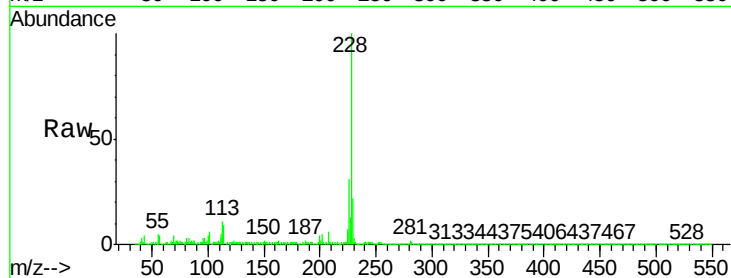
#83
Chrysene
Concen: 10.879 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion:	228	Resp:	407542
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.1	15.7	23.5

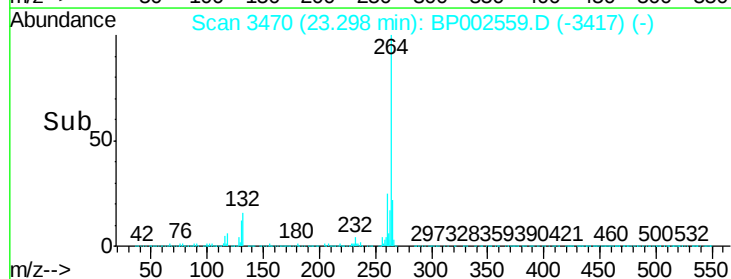
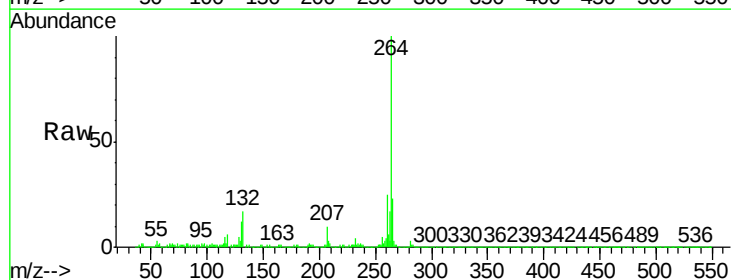
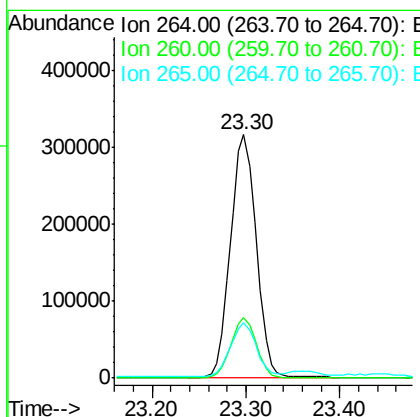
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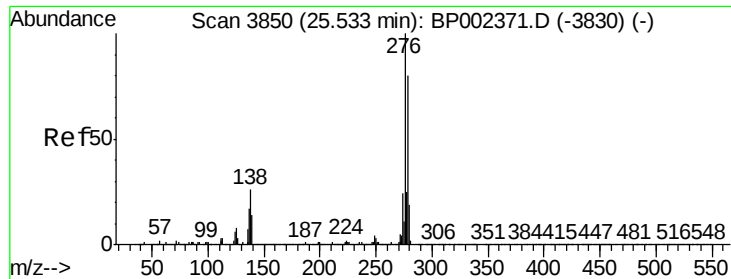
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion:	264	Resp:	603089
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.7	29.5
265	22.6	17.6	26.4





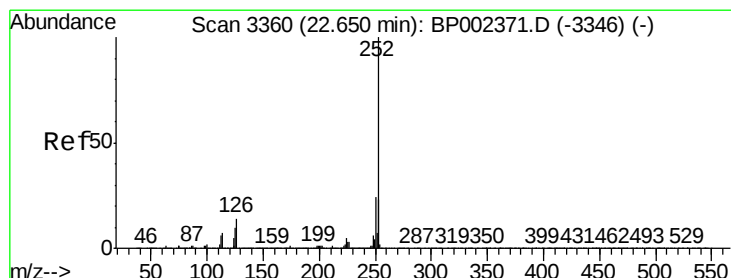
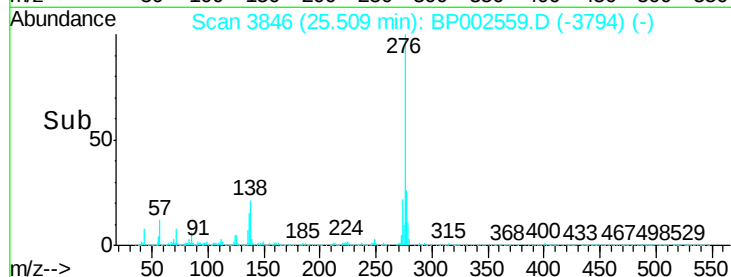
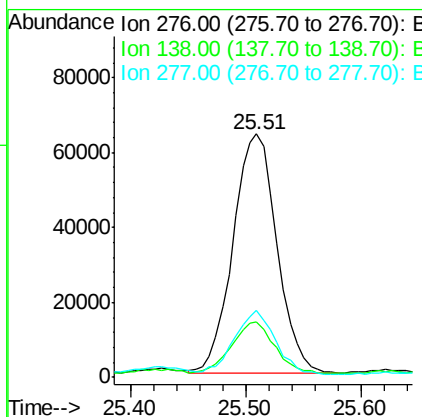
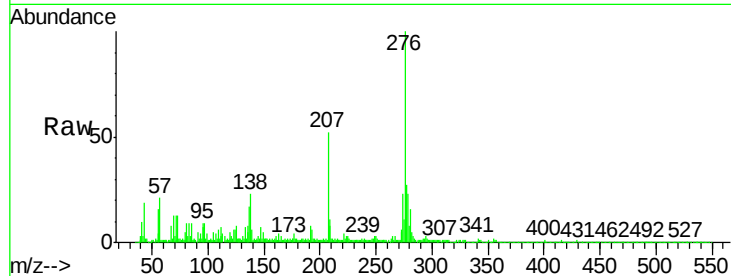
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.458 ng
RT: 25.51 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.4	29.0
277	25.1	20.4	30.6

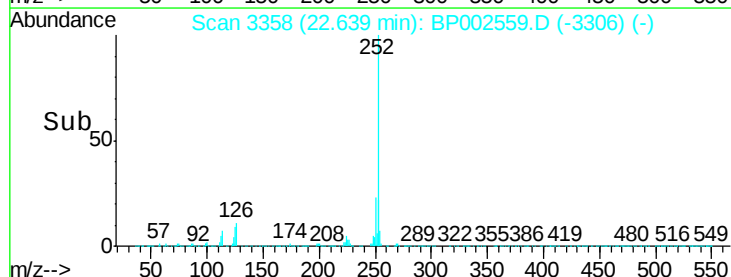
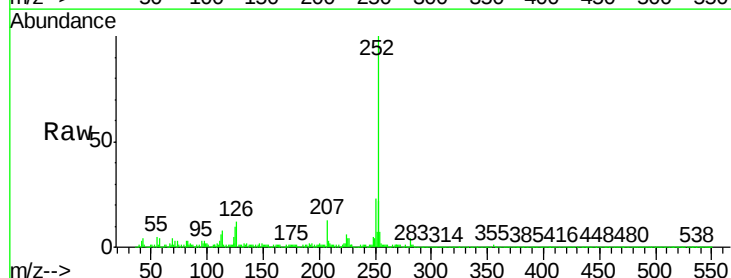
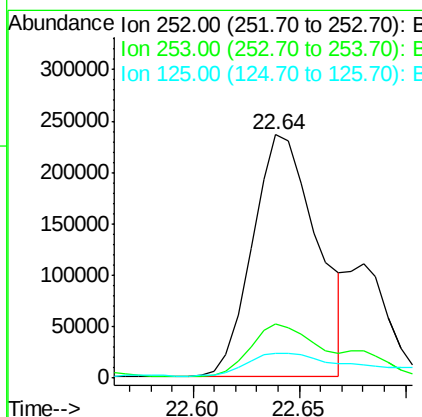
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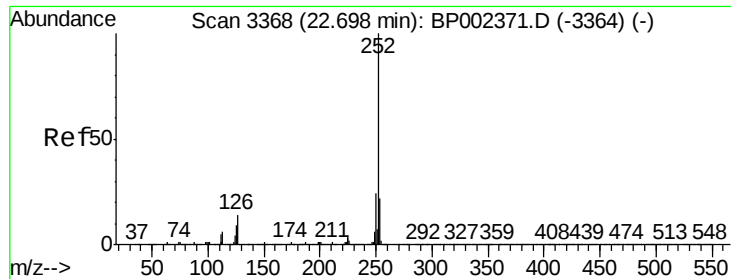
mohammad
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#88
Benzo(b)fluoranthene
Concen: 15.287 ng m
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.0	7.5	11.3





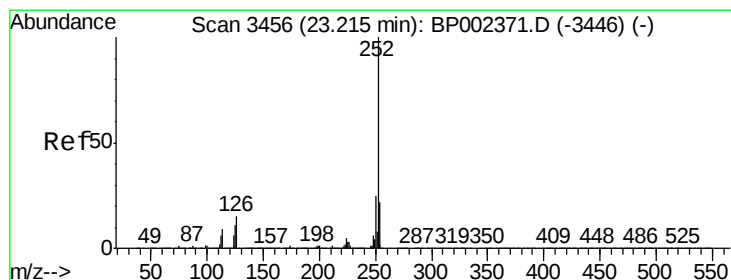
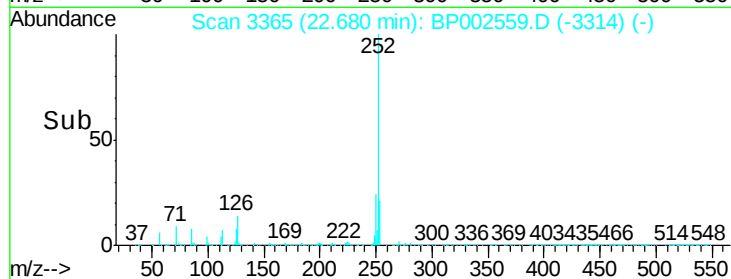
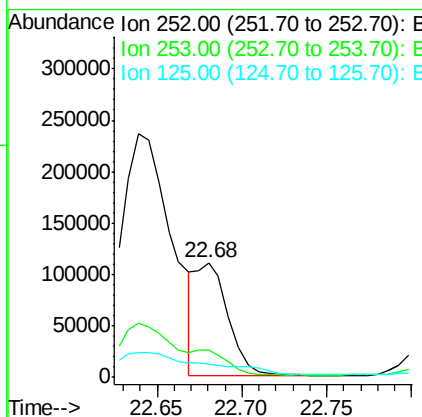
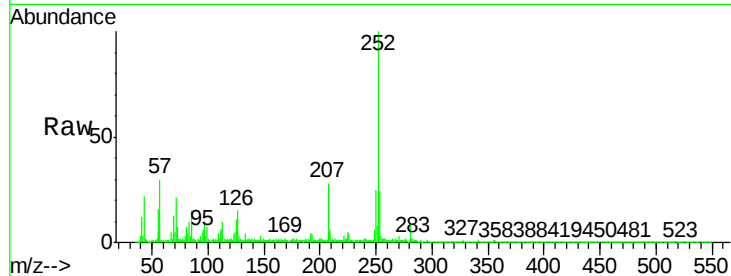
#89
Benzo(k)fluoranthene
Concen: 4.706 ng m
RT: 22.68 min Scan# 3365
Delta R.T. -0.00 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Instrument :
BNA_P
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	11.3	7.0	10.4

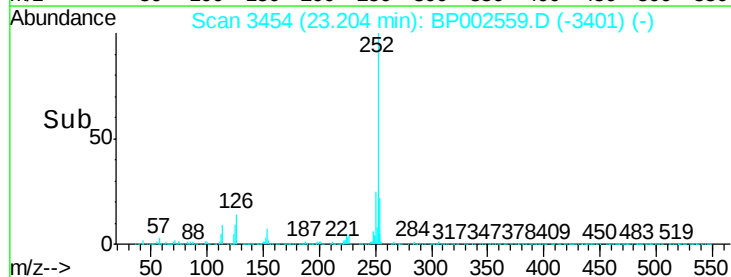
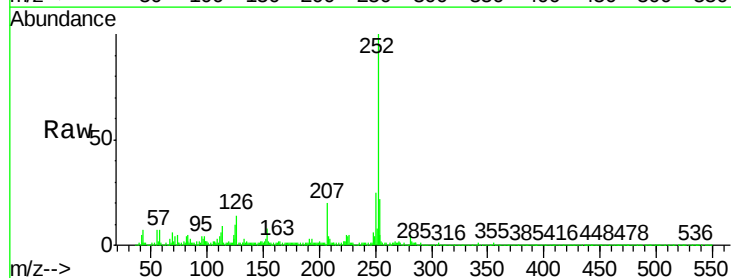
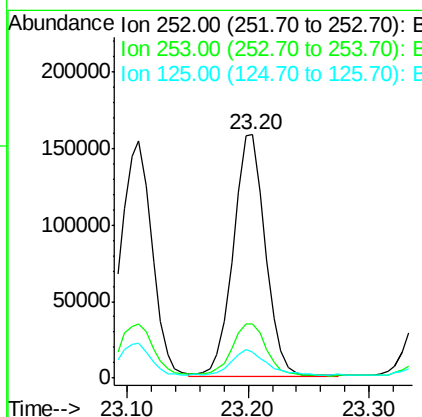
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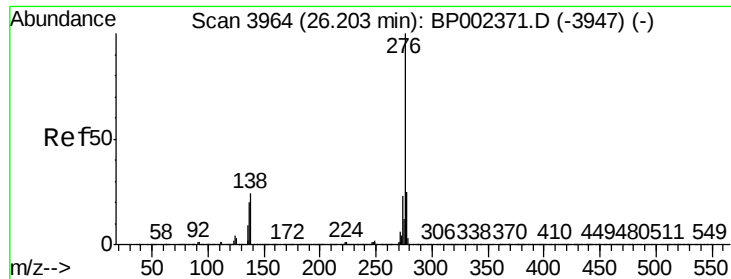
mohammad
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#90
Benzo(a)pyrene
Concen: 9.608 ng
RT: 23.20 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BP002559.D
Acq: 26 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.5	8.7	13.1





#92
 Benzo(a,h,i)perylene
 Concen: 5.807 ng
 RT: 26.18 min Scan# 3960
 Delta R.T. 0.01 min
 Lab File: BP002559.D
 Acq: 26 Jun 2020 19:37

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	22.9	17.6	26.4

Manual Integrations
 APPROVED

mohammad
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