

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002533.D
 Acq On : 24 Jun 2020 20:59
 Operator : CG/JU
 Sample : L2818-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-062320

Manual Integrations
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Quant Time: Jun 25 01:56:09 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	176819	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	648800	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	372809	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	813716	20.00	ng	0.00
76) Chrysene-d12	21.10	240	653412	20.00	ng	0.00
86) Perylene-d12	23.30	264	698847	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	360959	37.77	ng	0.00
7) Phenol-d6	6.77	99	447556	35.18	ng	0.00
23) Nitrobenzene-d5	8.73	82	294974	27.15	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	142969	40.05	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	628823	28.36	ng	0.00
79) Terphenyl-d14	19.58	244	786933	4.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	77404	3.030	ng	Qvalue 100
52) Acenaphthene	14.29	154	85005	4.549	ng	98
58) Fluorene	15.29	166	122435	5.174	ng	99
71) Phenanthrene	17.03	178	1491833	39.193	ng	99
72) Anthracene	17.12	178	613526	16.225	ng	99
75) Fluoranthene	19.02	202	1394391	30.689	ng	98
78) Pyrene	19.37	202	2118686	52.936	ng	98
81) Benzo(a)anthracene	21.08	228	955470	25.618	ng	99
83) Chrysene	21.13	228	875096	24.765	ng	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	310747	7.109	ng	98
88) Benzo(b)fluoranthene	22.64	252	690582m	18.324	ng	
89) Benzo(k)fluoranthene	22.67	252	223181m	6.233	ng	
90) Benzo(a)pyrene	23.20	252	681732	19.303	ng	99
91) Dibenzo(a,h)anthracene	25.52	278	96585	2.755	ng	# 82
92) Benzo(a,h,i)perylene	26.19	276	341260	9.397	ng	97

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

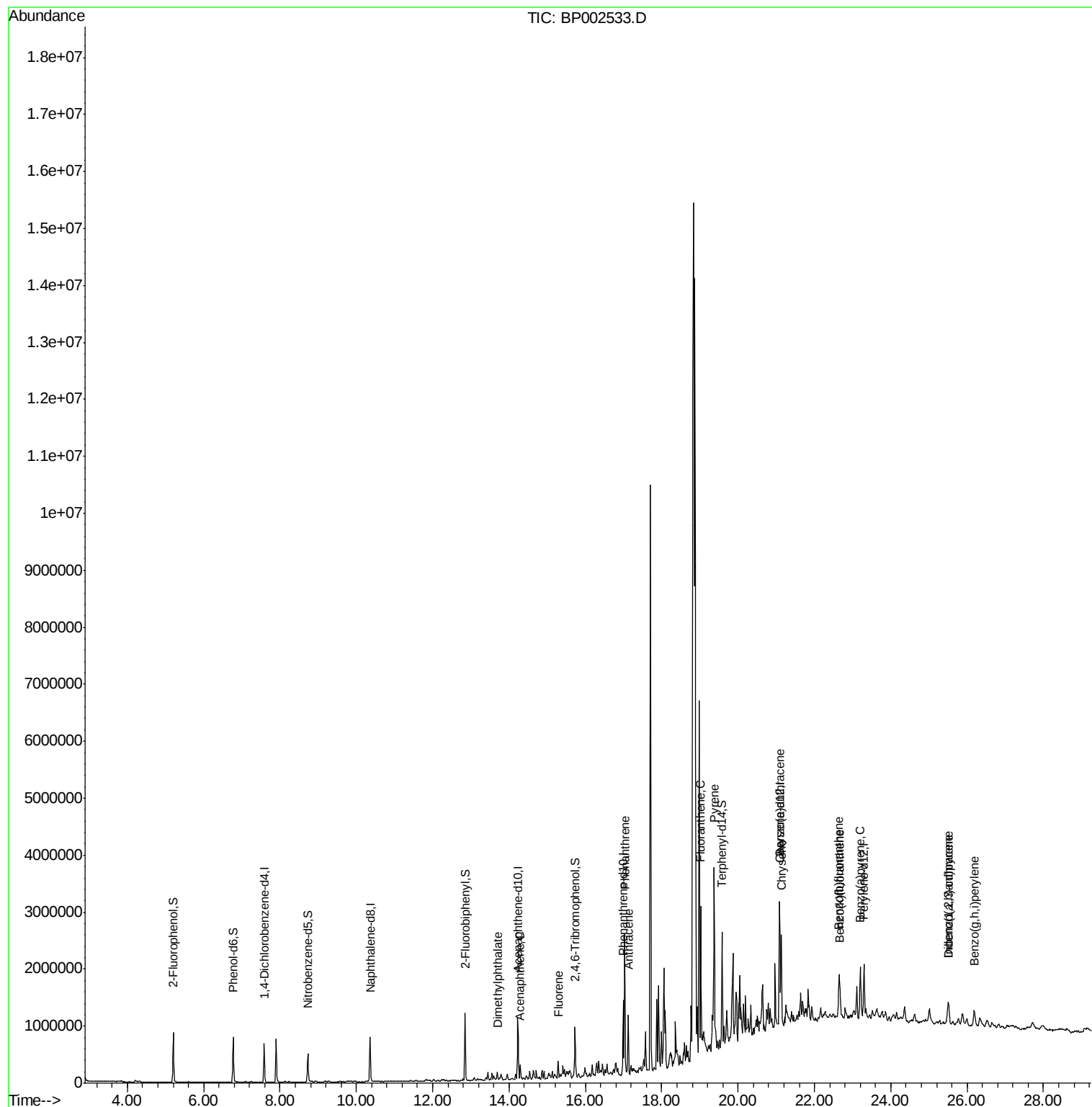
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
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ALS Vial : 17 Sample Multiplier: 1

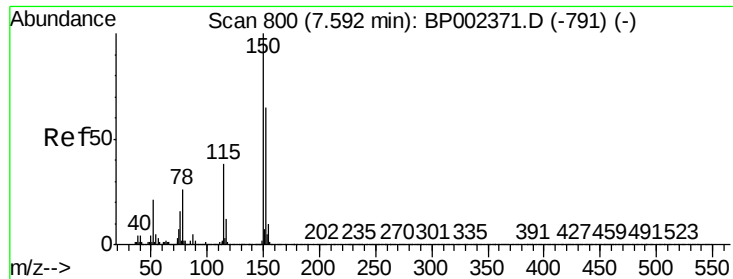
Instrument :
BNA_P
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TR-05-062320

Quant Time: Jun 25 01:56:09 2020
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QLast Update : Wed Jun 24 13:54:06 2020
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#1

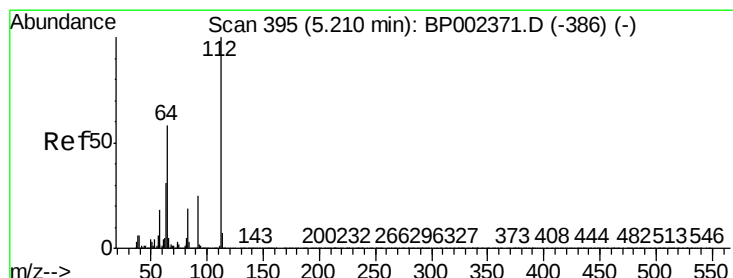
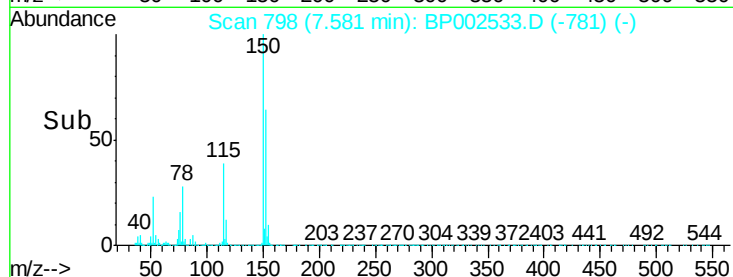
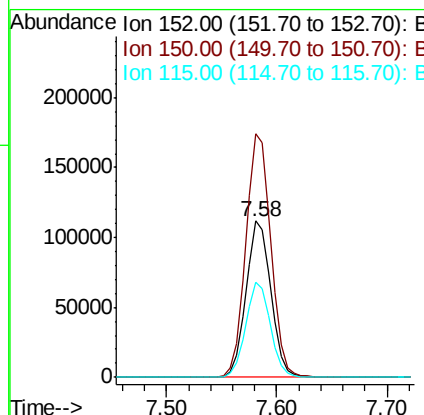
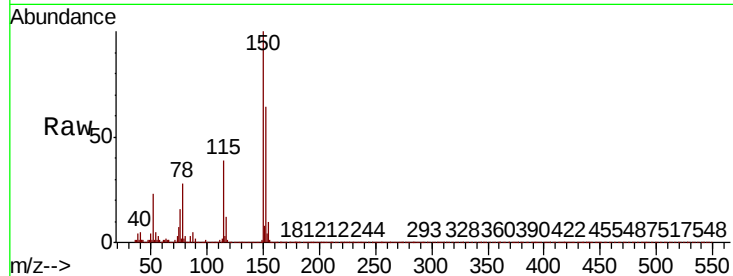
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.4	186.6
115	60.7	47.8	71.6

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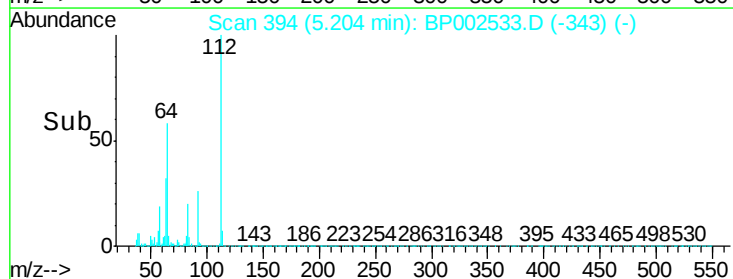
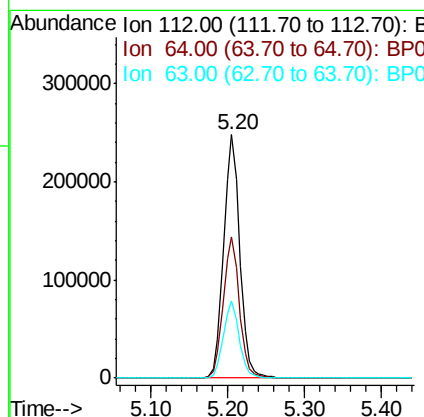
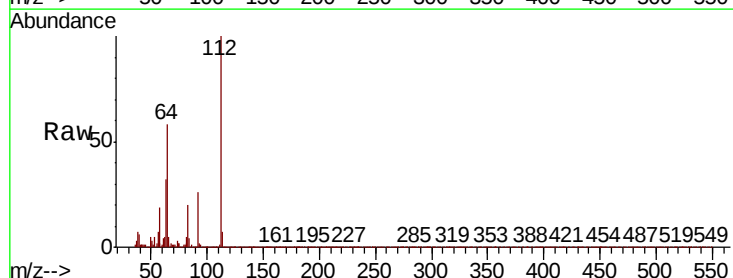
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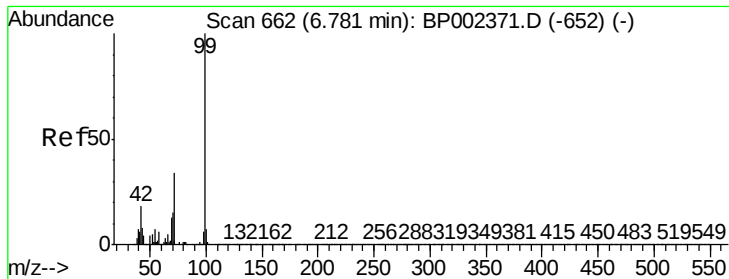


#5

2-Fluorophenol
Concen: 37.774 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.4	69.6
63	31.7	25.0	37.6





#7

Phenol-d6

Concen: 35.179 ng

RT: 6.77 min Scan# 661

Delta R.T. -0.00 min

Lab File: BP002533.D

Acq: 24 Jun 2020 20:59

Instrument :

BNA_P

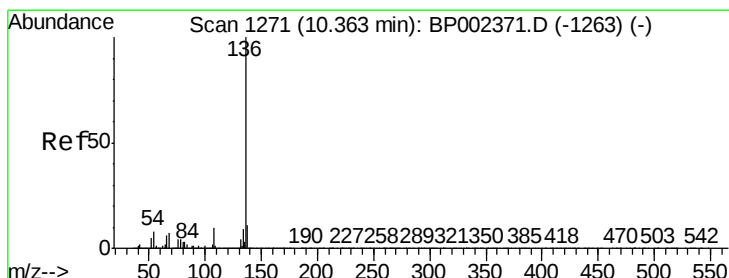
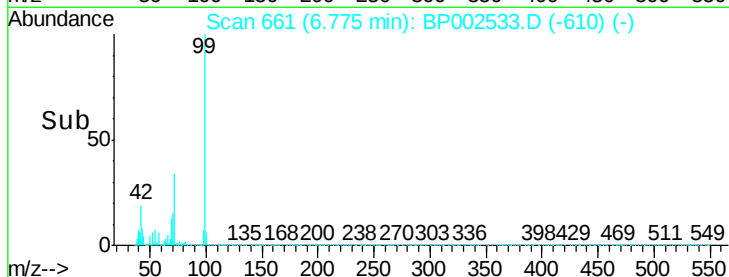
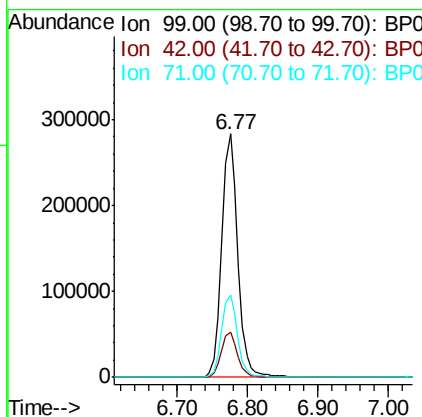
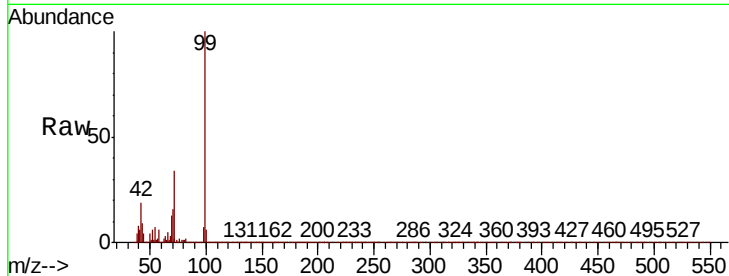
ClientSampleId :

TR-05-062320

Tot Ion:	99	Resp:	447556
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.3	22.9
71	34.0	28.2	42.2

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#21

Naphthalene-d8

Concen: 20.000 ng

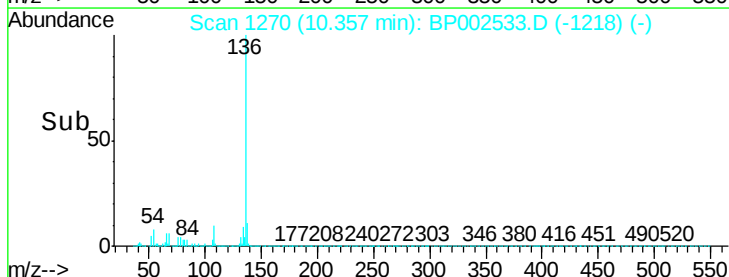
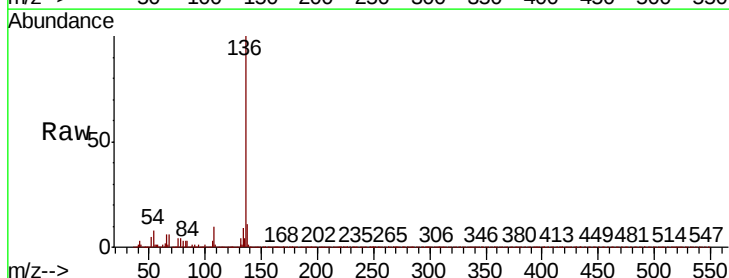
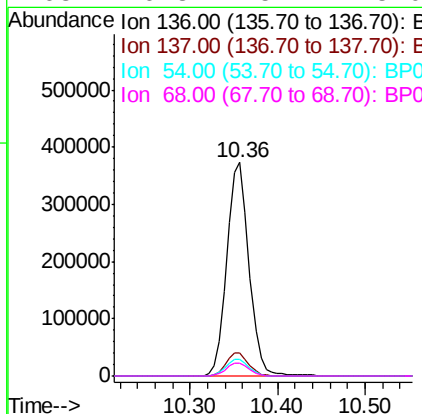
RT: 10.36 min Scan# 1270

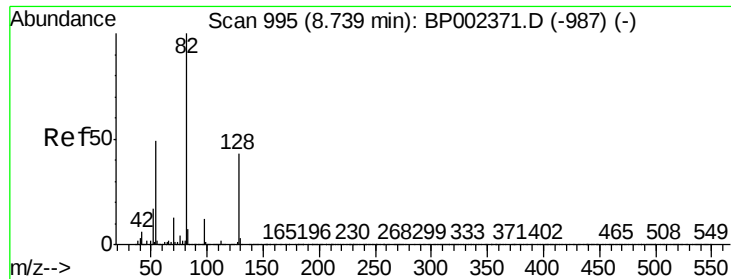
Delta R.T. 0.01 min

Lab File: BP002533.D

Acq: 24 Jun 2020 20:59

Tgt Ion:	136	Resp:	648800
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.8	6.6	10.0
68	6.3	5.4	8.0





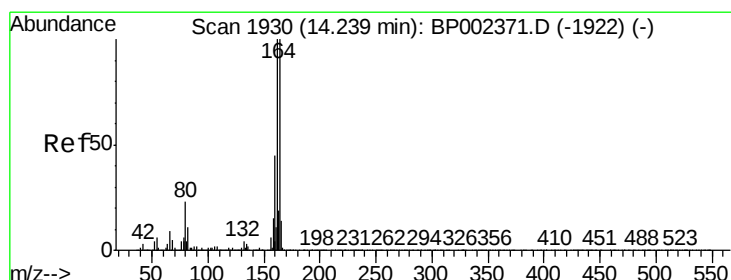
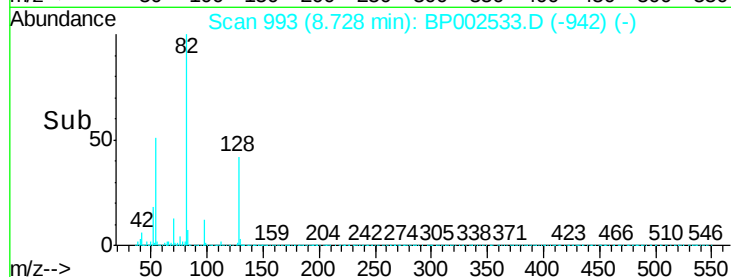
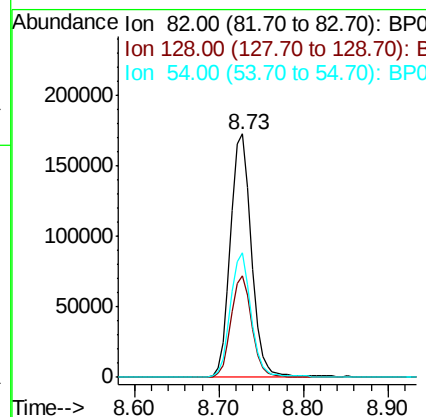
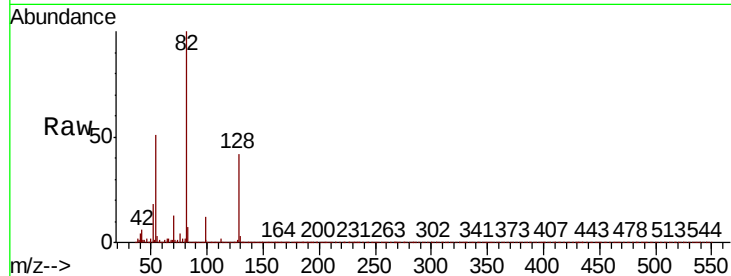
#23
Nitrobenzene-d5
Concen: 27.151 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	51.1	39.9	59.9

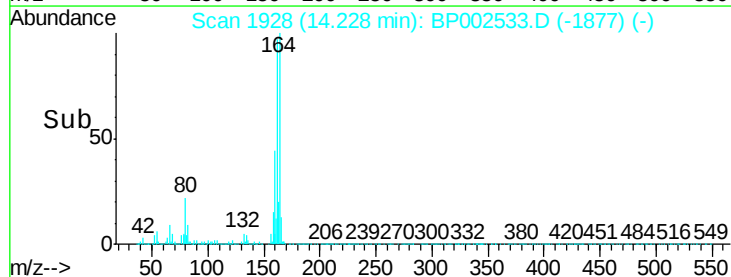
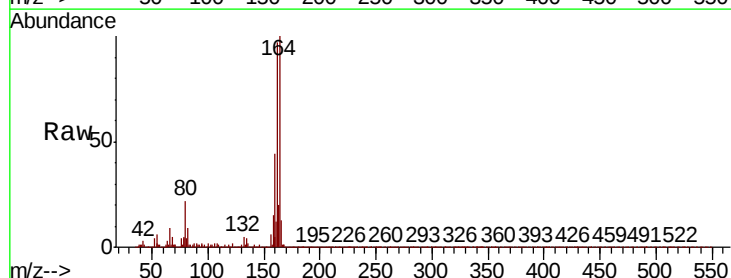
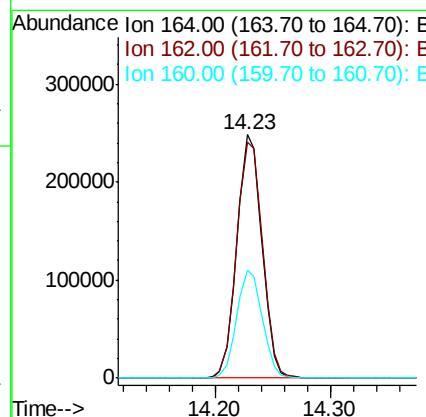
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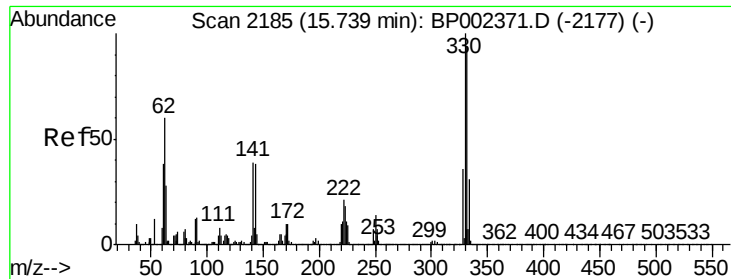
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	80.6	121.0
160	44.1	35.4	53.2





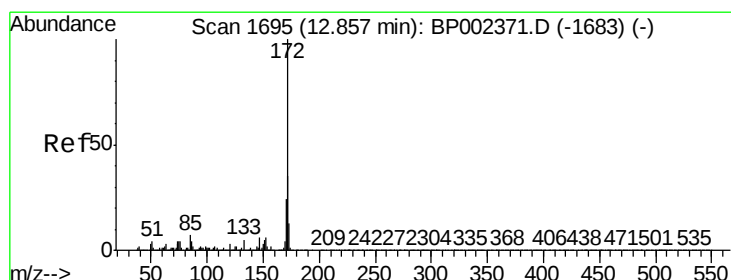
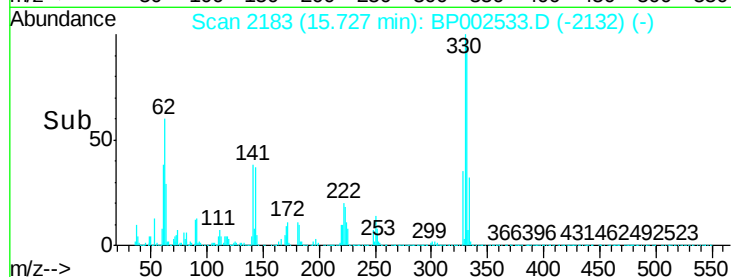
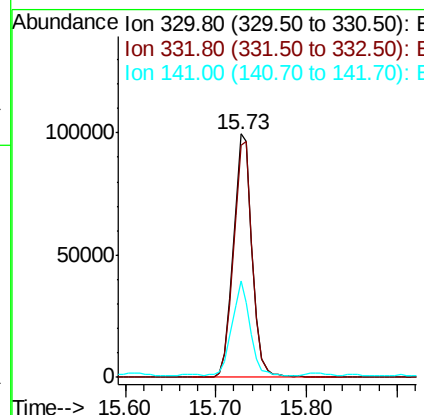
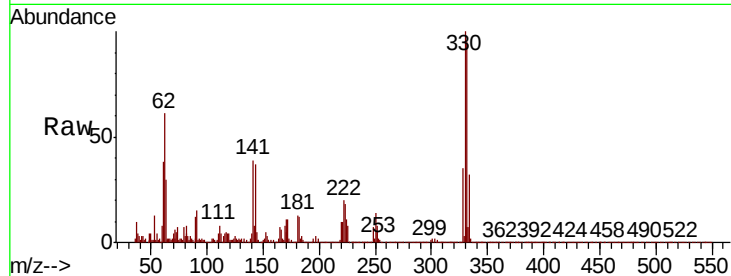
#42
2,4,6-Tribromophenol
Concen: 40.054 ng
RT: 15.73 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Resp	Lower	Upper
330	100	142969		
332	97.5	77.2	115.8	
141	37.2	30.4	45.6	

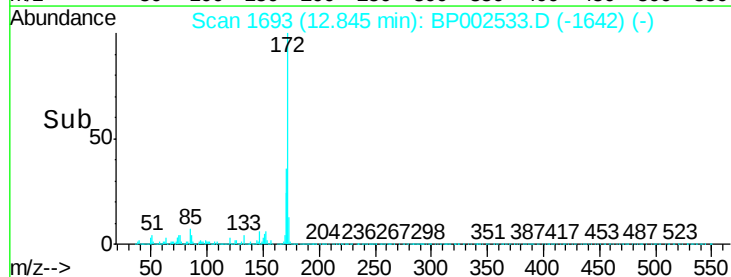
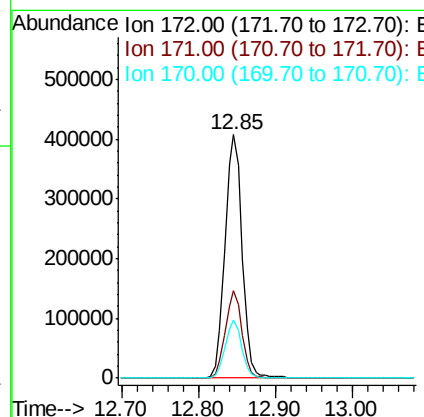
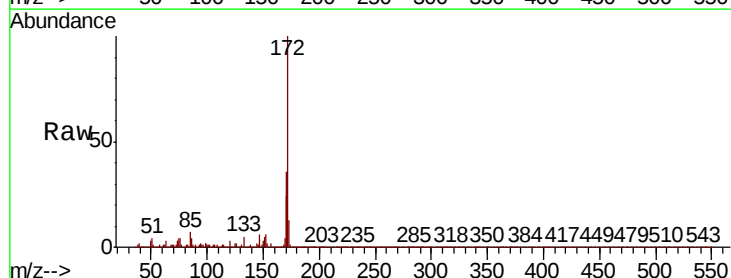
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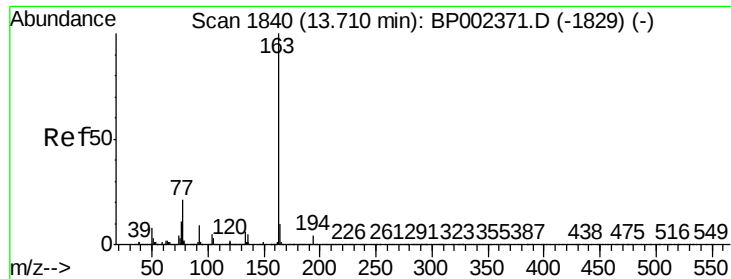
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#45
2-Fluorobiphenyl
Concen: 28.361 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	628823		
171	35.7	27.9	41.9	
170	24.0	19.0	28.6	





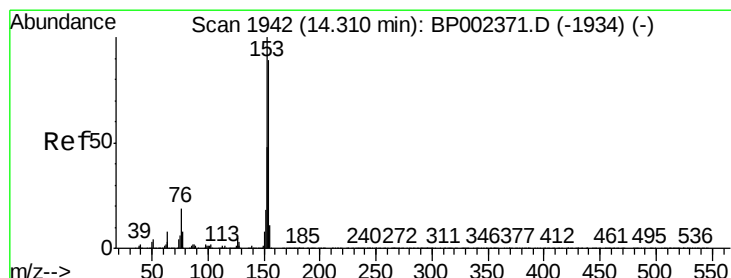
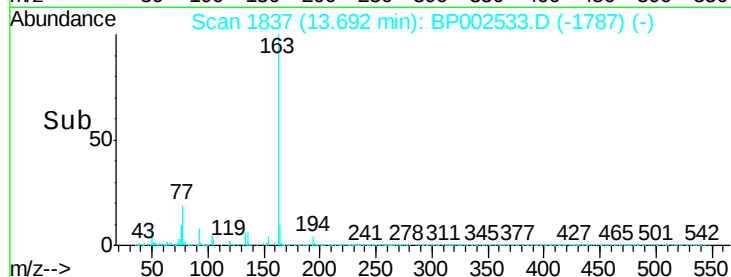
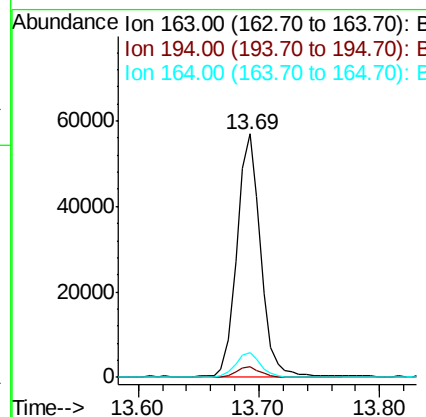
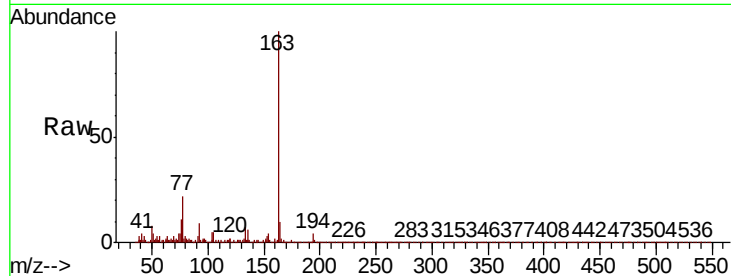
#50
Dimethylphthalate
Concen: 3.030 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.2	12.2

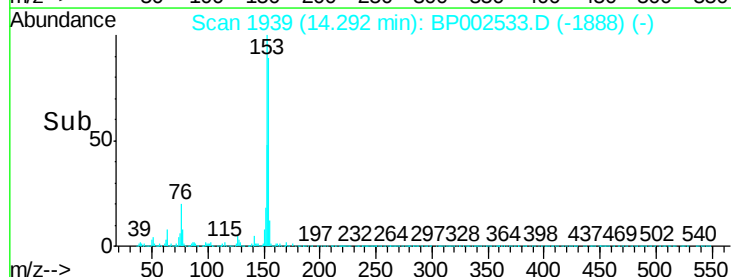
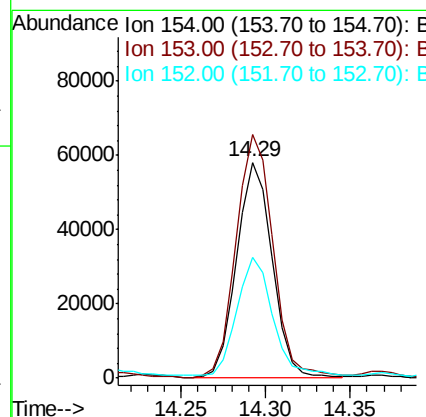
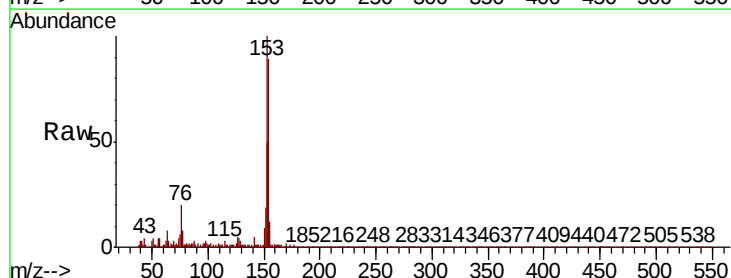
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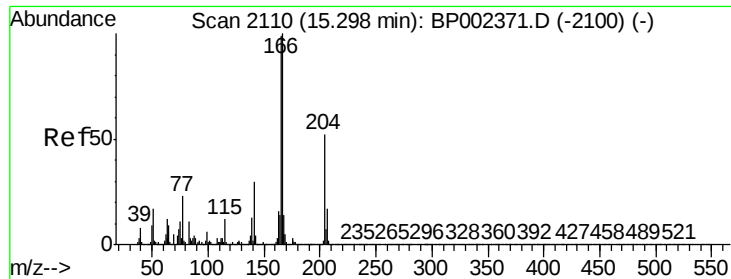
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#52
Acenaphthene
Concen: 4.549 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.9	137.9
152	56.1	43.5	65.3





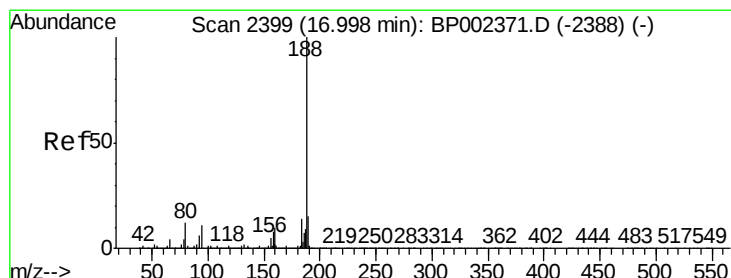
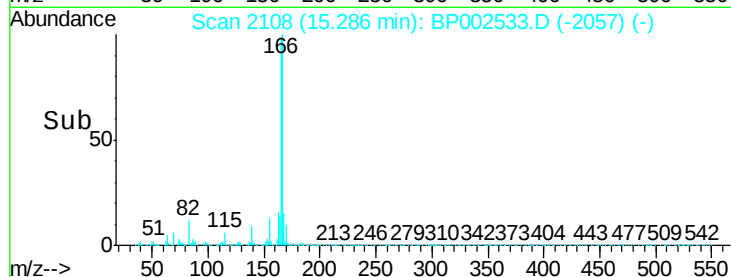
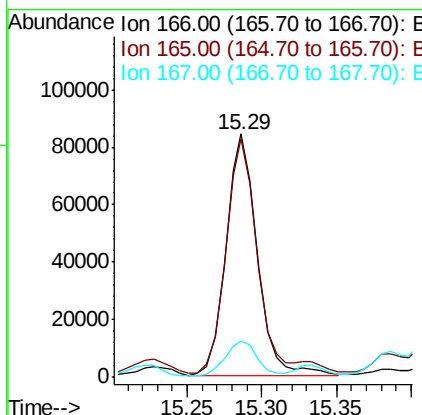
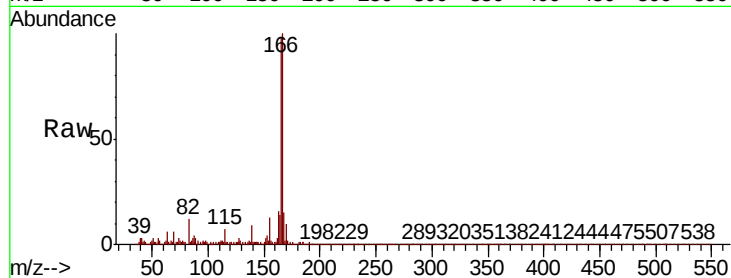
#58
Fluorene
 Concen: 5.174 ng
 RT: 15.29 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BP002533.D
 Acq: 24 Jun 2020 20:59

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-062320

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.3	117.5
167	14.8	10.6	15.8

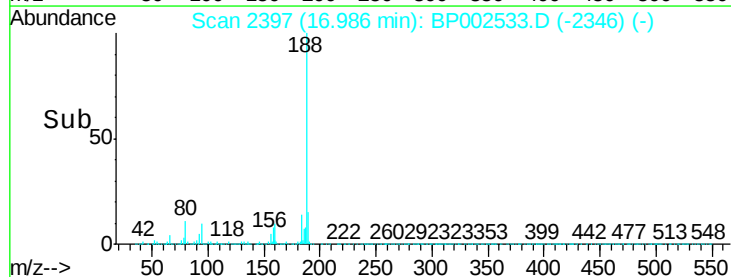
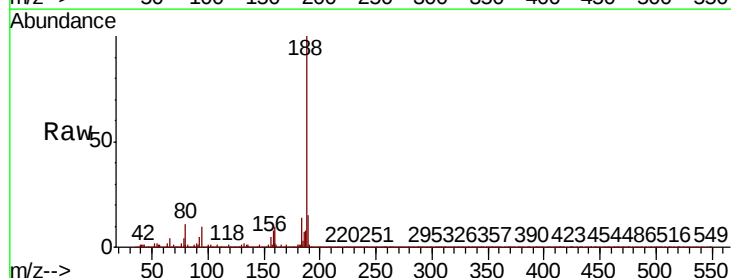
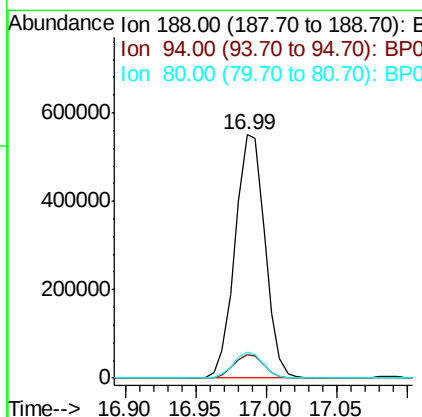
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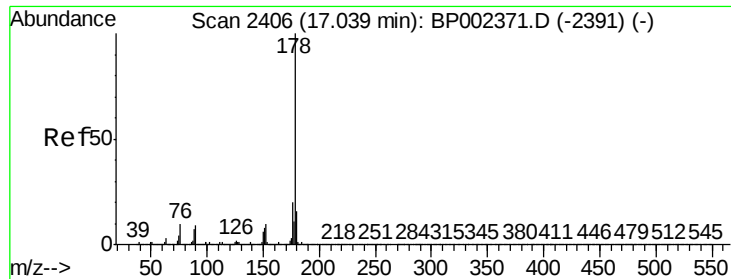
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BP002533.D
 Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	10.9	8.3	12.5





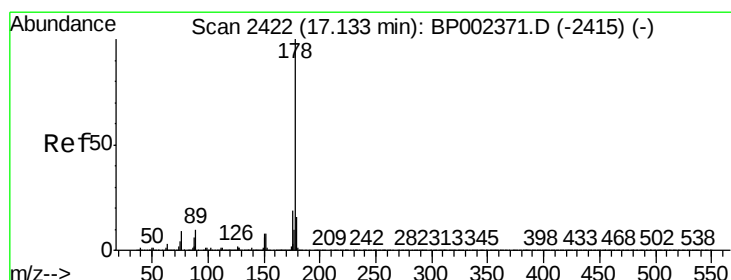
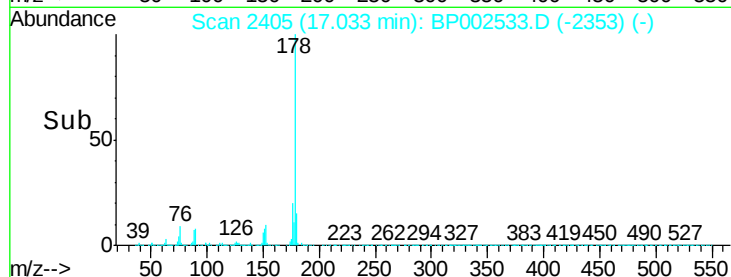
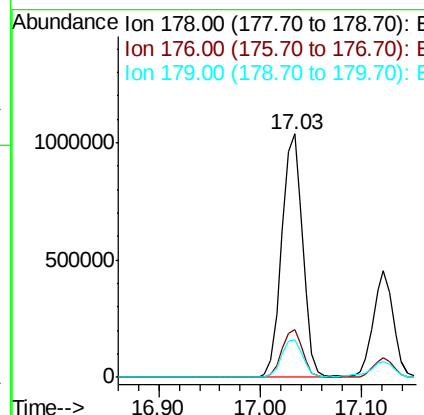
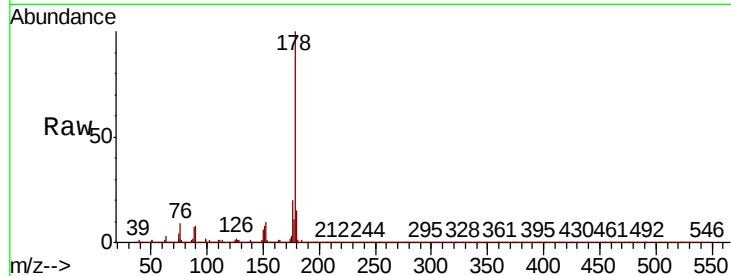
#71
Phenanthrene
Concen: 39.193 ng
RT: 17.03 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.5	12.8	19.2

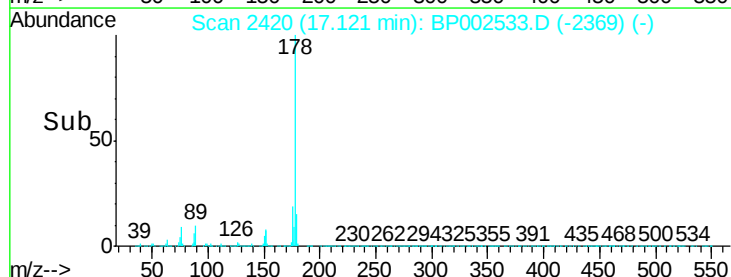
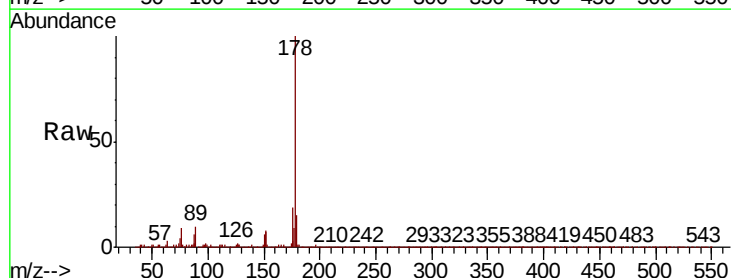
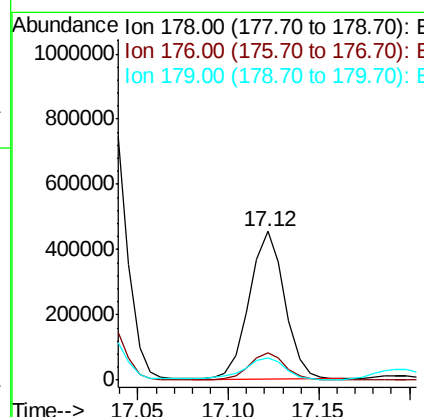
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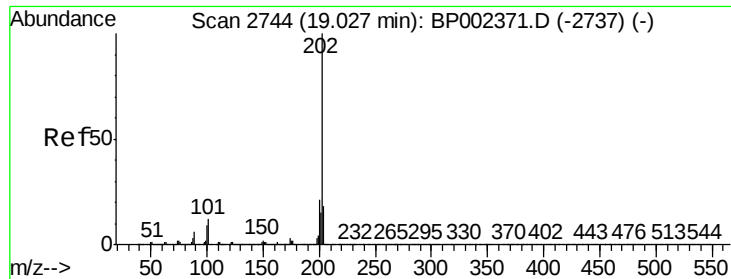
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#72
Anthracene
Concen: 16.225 ng
RT: 17.12 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.1	12.3	18.5





#75

Fluoranthene

Concen: 30.689 ng

RT: 19.02 min Scan# 2743

Delta R.T. 0.01 min

Lab File: BP002533.D

Acq: 24 Jun 2020 20:59

Instrument :

BNA_P

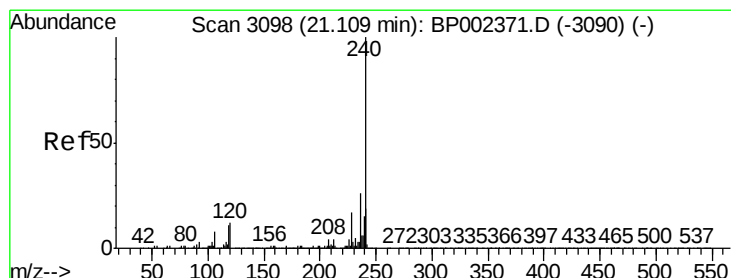
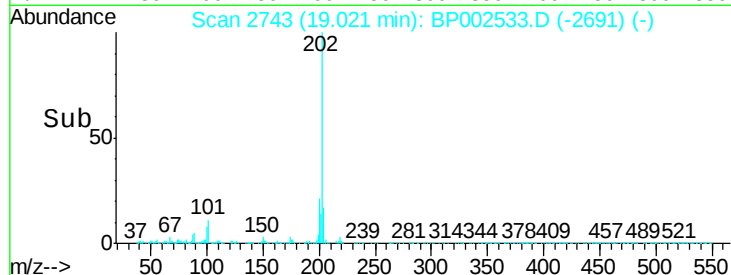
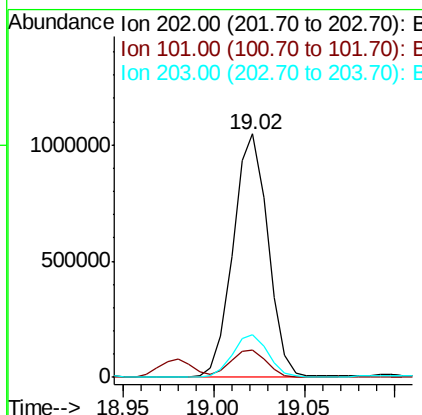
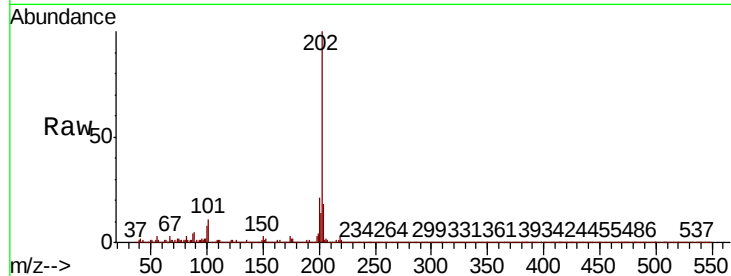
ClientSampled :

TR-05-062320

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
203	17.5	0.0	36.9

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#76

Chrysene-d12

Concen: 20.000 ng

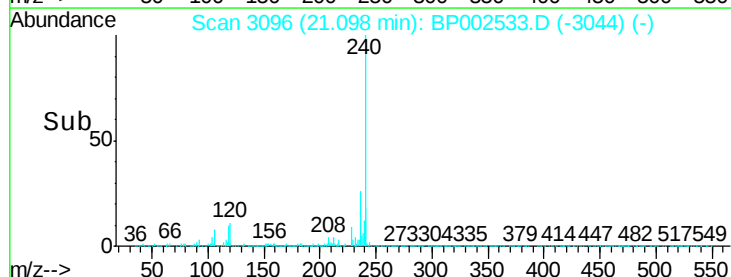
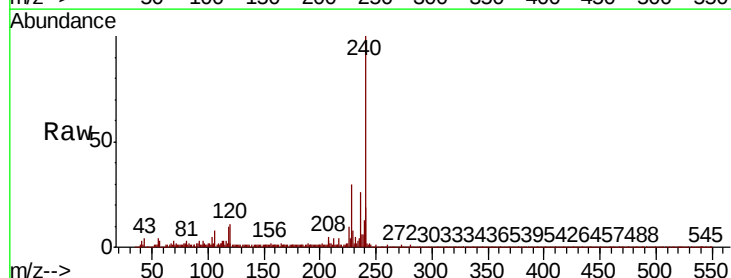
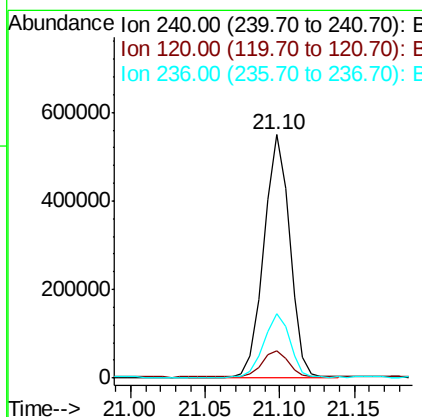
RT: 21.10 min Scan# 3096

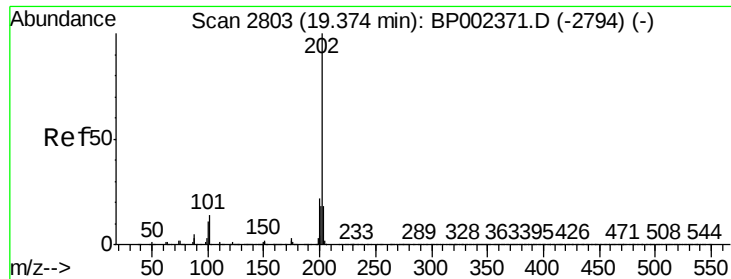
Delta R.T. 0.01 min

Lab File: BP002533.D

Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.2	21.7	32.5





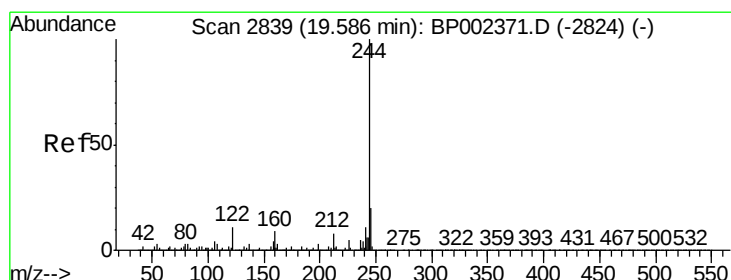
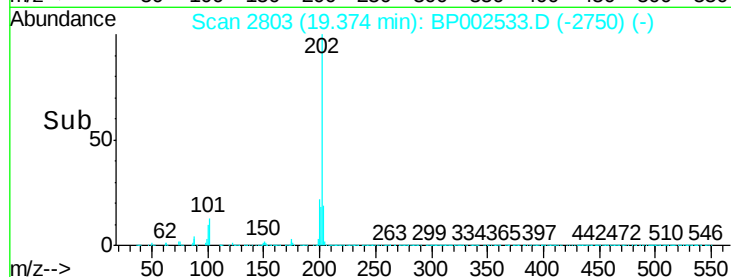
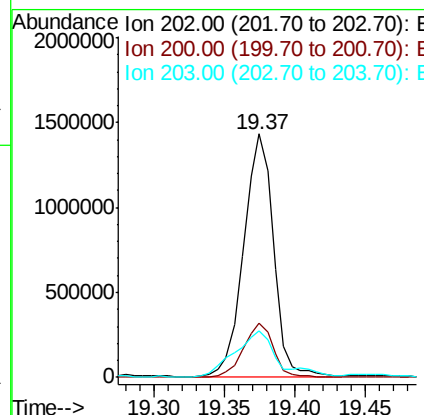
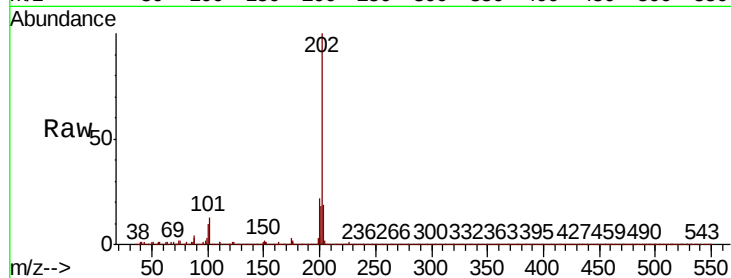
#78
Pvrene
Concen: 52.936 ng
RT: 19.37 min Scan# 2803
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.9	14.1	21.1

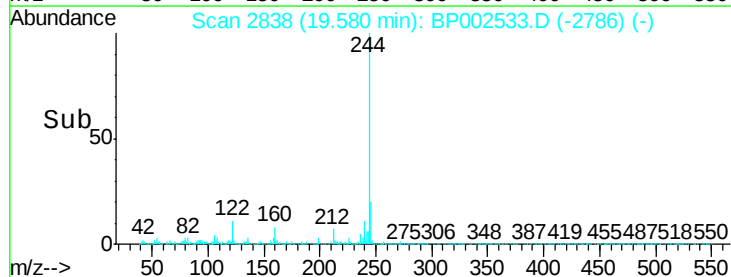
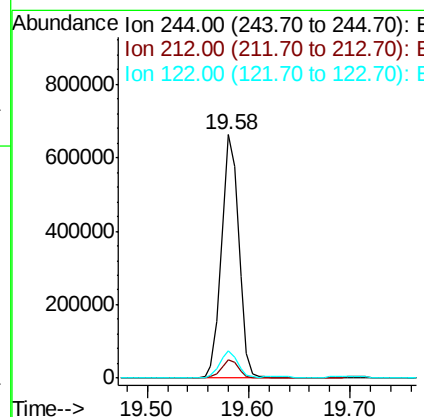
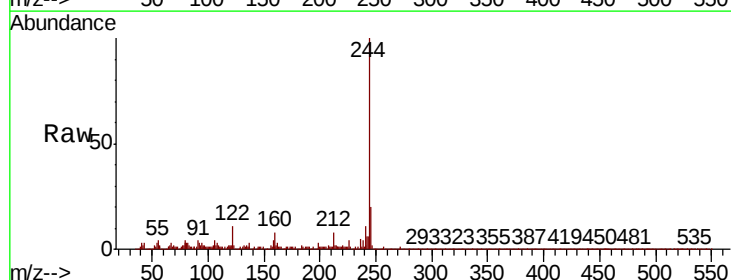
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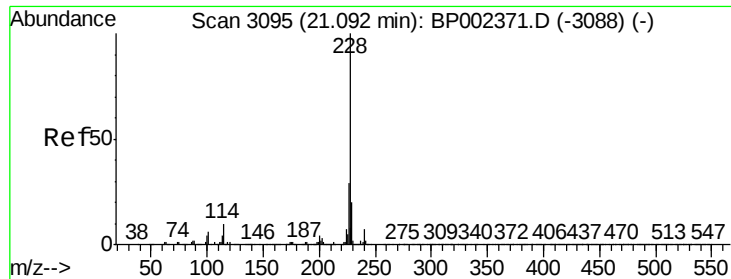
mohammad
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#79
Terphenyl-d14
Concen: 4.746 ng
RT: 19.58 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.4	8.0	12.0





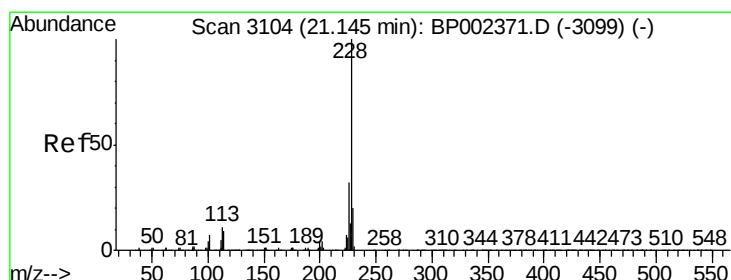
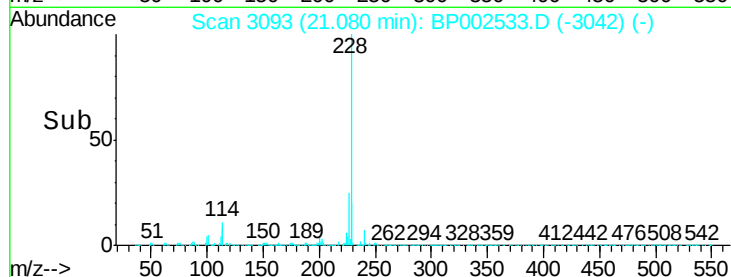
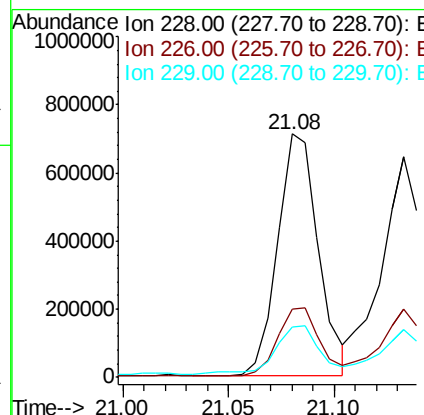
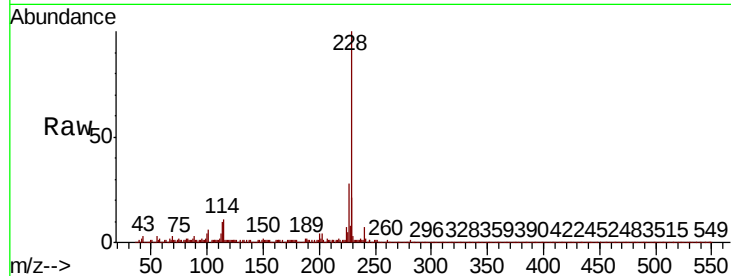
#81
Benzo(a)anthracene
Concen: 25.618 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.8	15.9	23.9

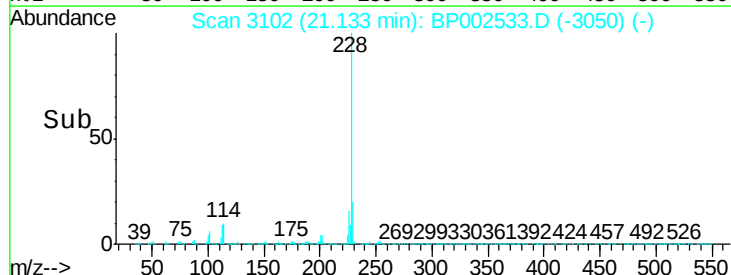
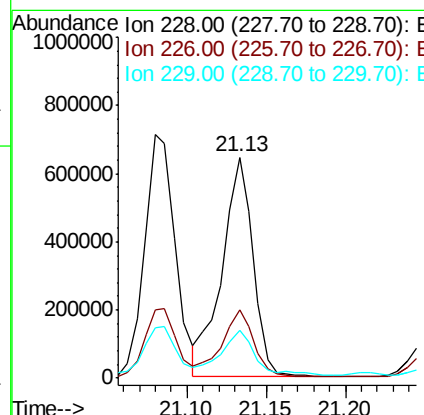
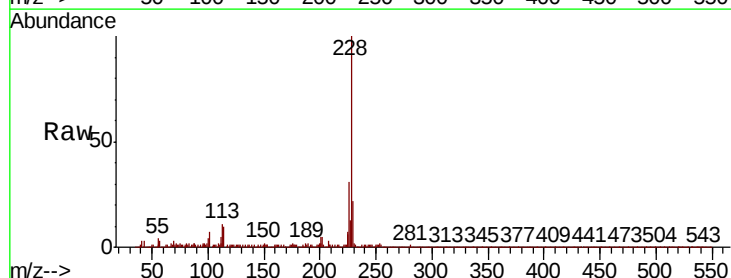
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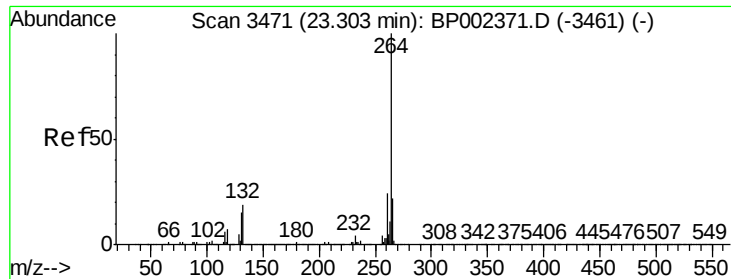
mohammad
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#83
Chrysene
Concen: 24.765 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.7	15.7	23.5





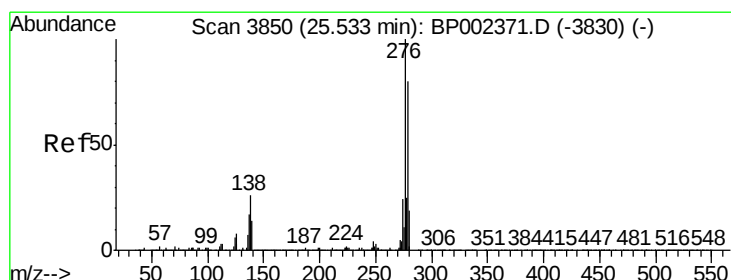
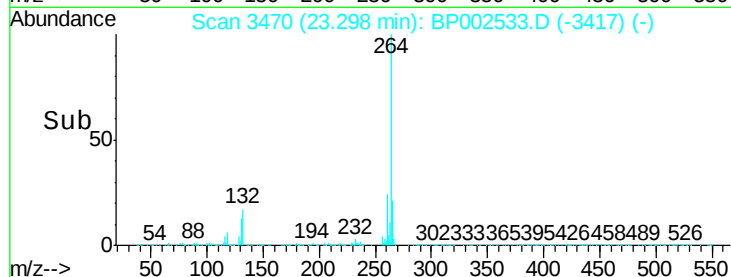
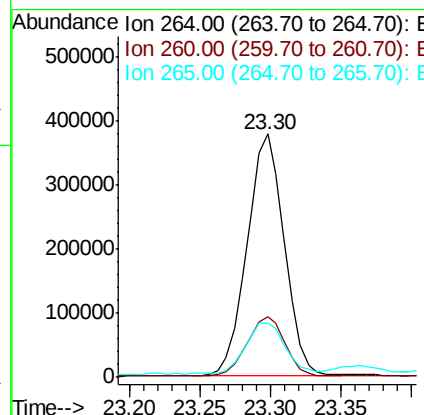
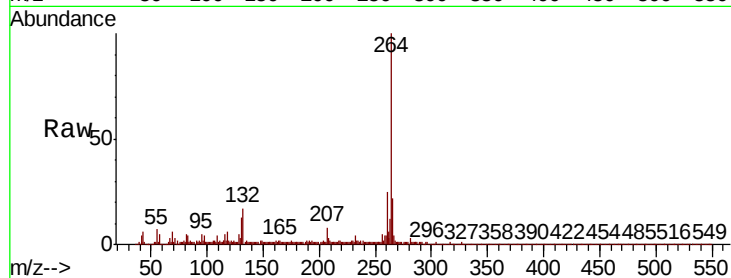
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.3	17.6	26.4

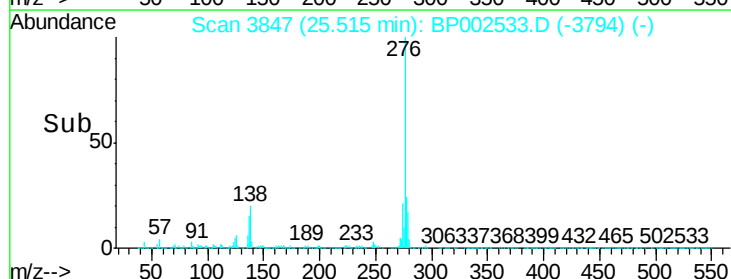
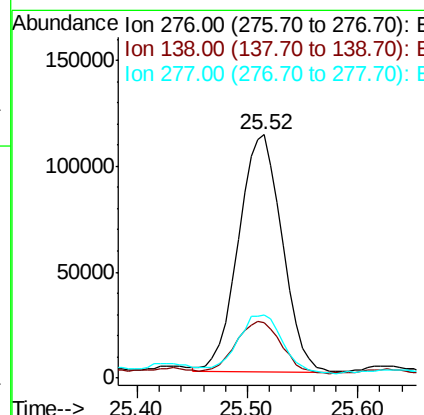
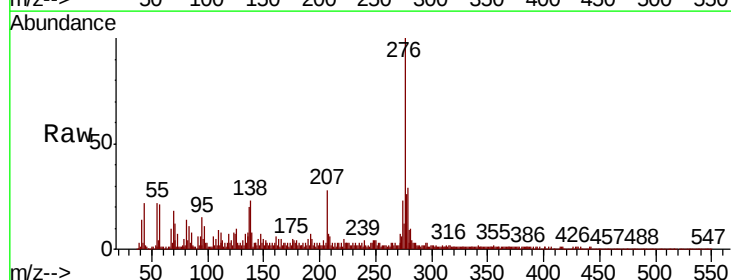
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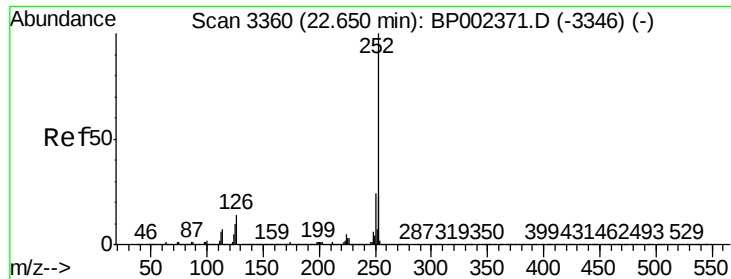
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.109 ng
RT: 25.52 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.4	29.0
277	25.9	20.4	30.6





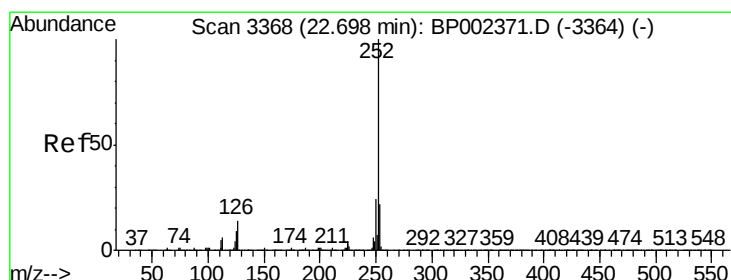
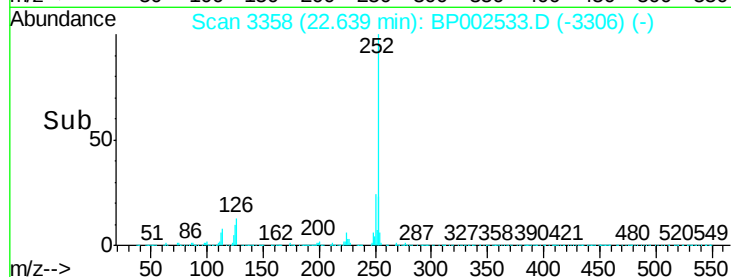
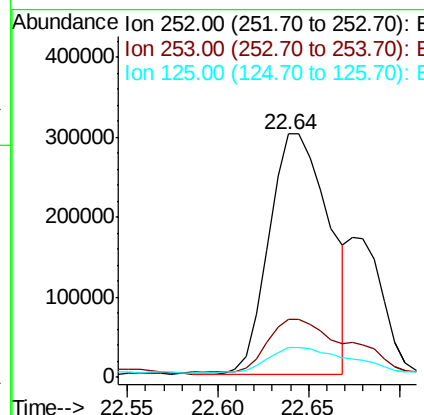
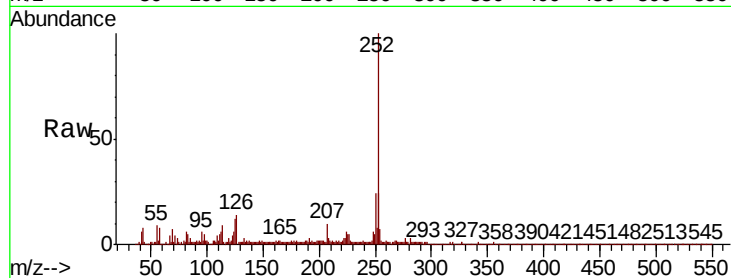
#88
Benzo(b)fluoranthene
Concen: 18.324 ng m
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	12.2	7.5	11.3

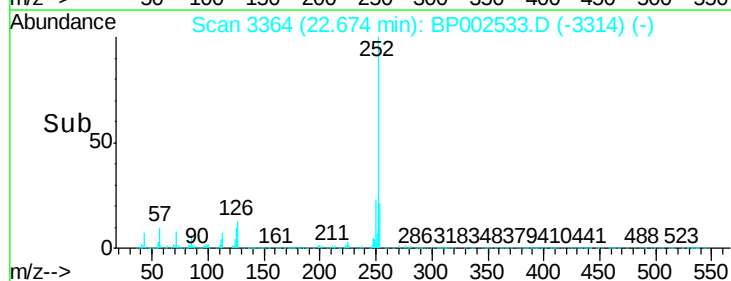
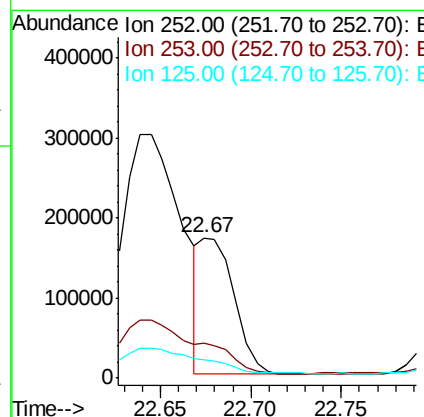
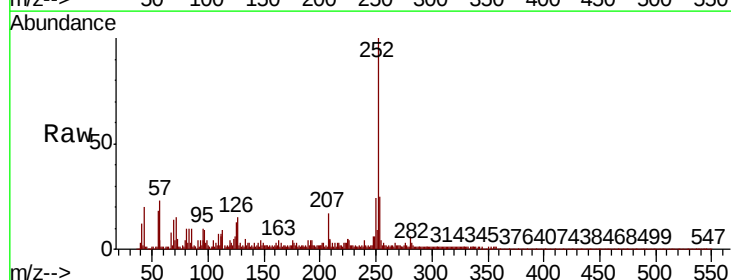
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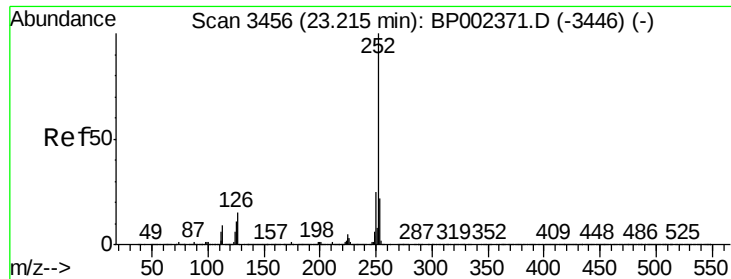
mohammad
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#89
Benzo(k)fluoranthene
Concen: 6.233 ng m
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	13.5	7.0	10.4





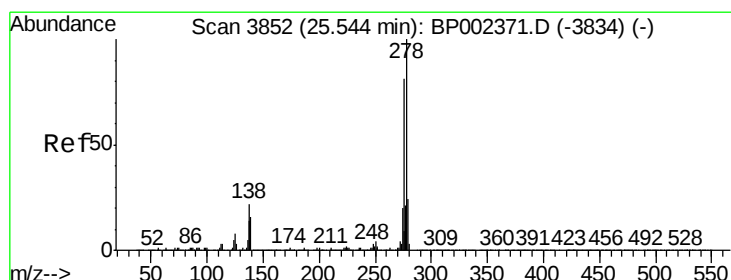
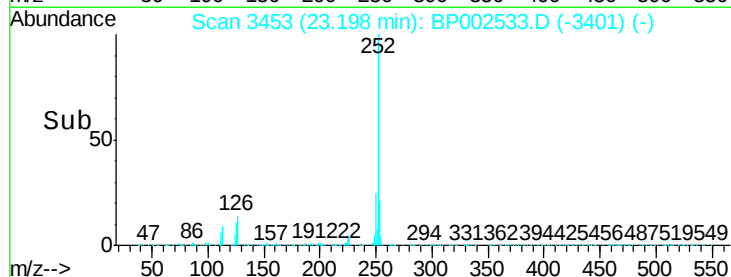
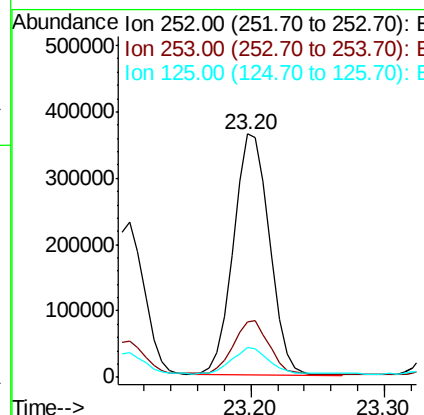
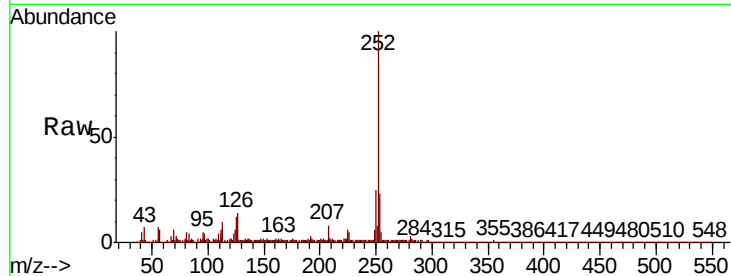
#90
Benzo(a)pyrene
Concen: 19.303 ng
RT: 23.20 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Instrument :
BNA_P
ClientSampleId :
TR-05-062320

Tot Ion:	252	Resp:	681732
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.4
125	12.2	8.7	13.1

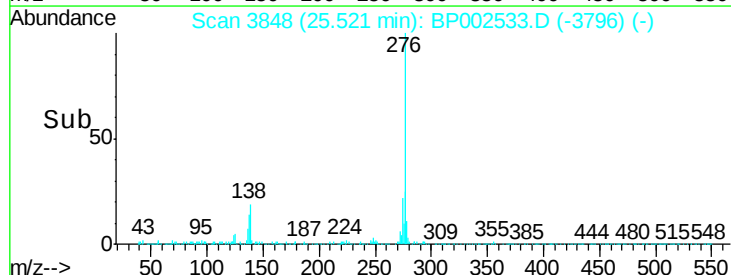
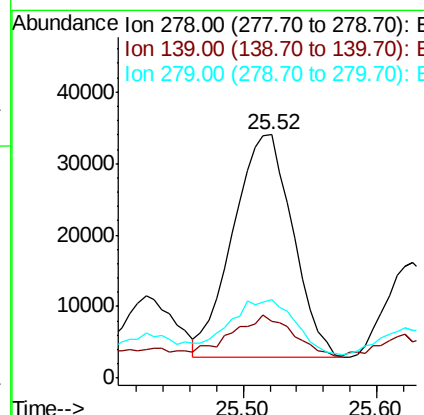
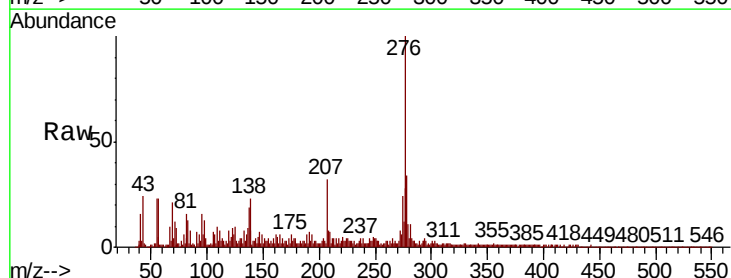
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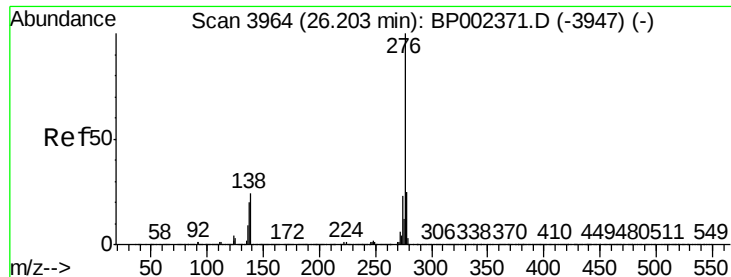
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.755 ng
RT: 25.52 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BP002533.D
Acq: 24 Jun 2020 20:59

Tgt Ion:	278	Resp:	96585
Ion Ratio	Lower	Upper	
278	100		
139	23.4	12.7	19.1#
279	32.1	18.6	27.8#





#92
 Benzo(a,h,i)perylene
 Concen: 9.397 ng
 RT: 26.19 min Scan# 3961
 Delta R.T. 0.01 min
 Lab File: BP002533.D
 Acq: 24 Jun 2020 20:59

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-062320

Tot Ion:	276	Resp:	341260
Ion Ratio	Lower	Upper	
276	100		
277	25.0	18.7	28.1
138	23.6	17.6	26.4

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