

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002818.D
 Acq On : 21 Jul 2020 17:28
 Operator : CG/JU
 Sample : L3360-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-3

Manual Integrations
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Quant Time: Jul 22 05:54:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	115442	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	425602	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	266681	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	606547	20.00	ng	0.00
76) Chrysene-d12	21.07	240	586094	20.00	ng	0.00
86) Perylene-d12	23.26	264	639139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	110976	16.22	ng	0.00
7) Phenol-d6	6.75	99	441870	45.25	ng	0.00
23) Nitrobenzene-d5	8.69	82	302209	37.98	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	32293	11.60	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	695034	40.32	ng	-0.01
79) Terphenyl-d14	19.55	244	1026830	40.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	89222	4.387	ng	98
71) Phenanthrene	17.00	178	518732	15.795	ng	99
72) Anthracene	17.09	178	120425	3.737	ng	98
73) Carbazole	17.37	167	90206	2.852	ng	99
75) Fluoranthene	18.99	202	1614216	42.420	ng	98
78) Pyrene	19.35	202	1426361	35.248	ng	99
81) Benzo(a)anthracene	21.06	228	790546	20.837	ng	98
83) Chrysene	21.11	228	772516	21.391	ng	97
87) Indeno(1,2,3-cd)pyrene	25.47	276	473901	10.259	ng	# 92
88) Benzo(b)fluoranthene	22.62	252	964219m	24.296	ng	
89) Benzo(k)fluoranthene	22.65	252	328164m	8.395	ng	
90) Benzo(a)pyrene	23.17	252	663437	17.641	ng	97
91) Dibenzo(a,h)anthracene	25.47	278	123577	3.317	ng	# 74
92) Benzo(g,h,i)perylene	26.14	276	469746	12.436	ng	95

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

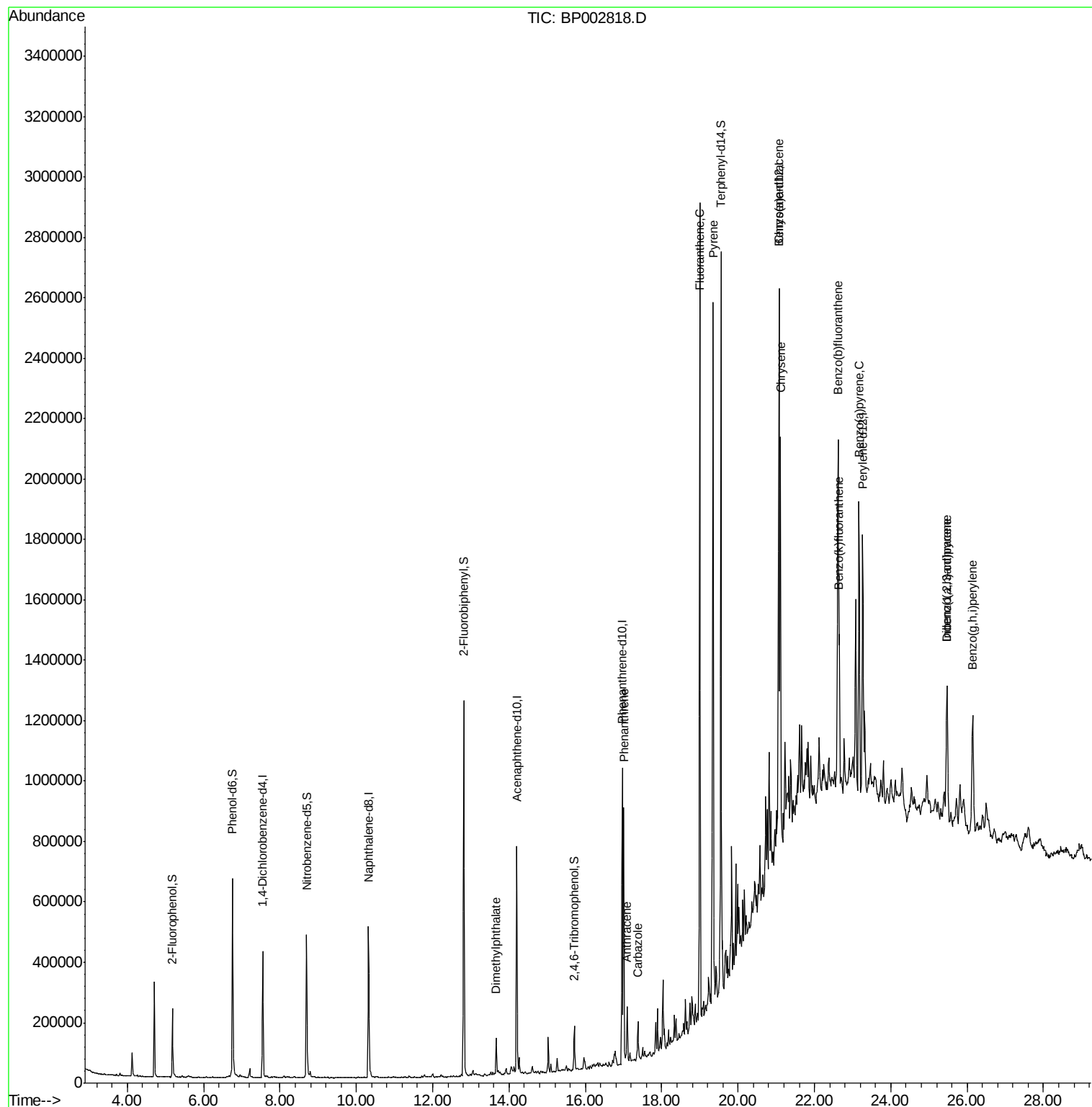
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002818.D
Acq On : 21 Jul 2020 17:28
Operator : CG/JU
Sample : L3360-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

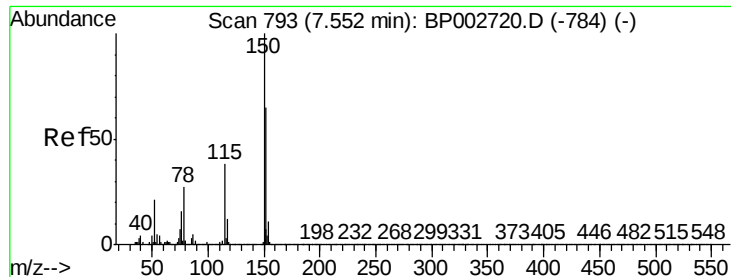
Instrument :
BNA_P
ClientSampled :
SP-3

Quant Time: Jul 22 05:54:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

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#1

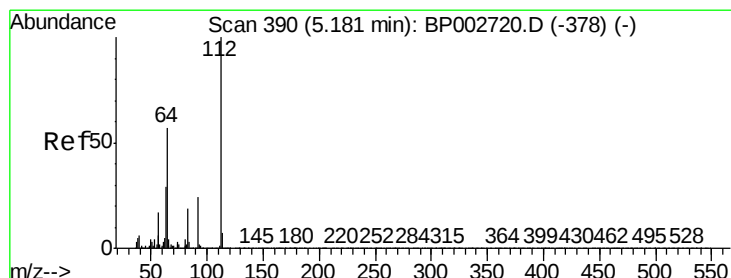
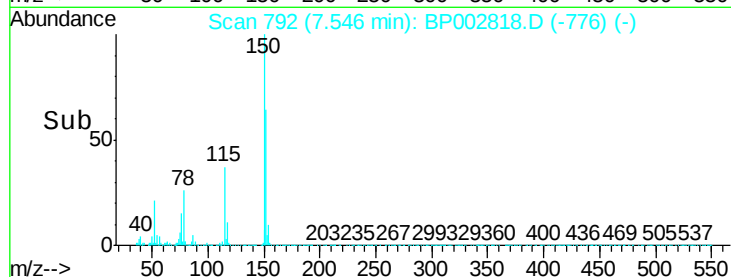
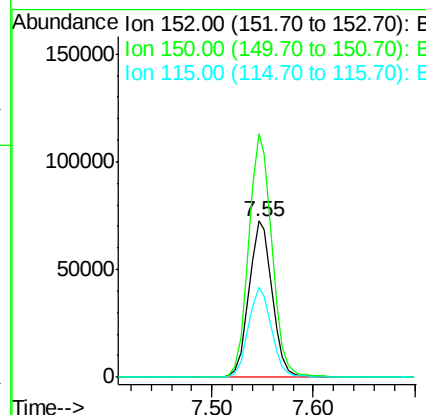
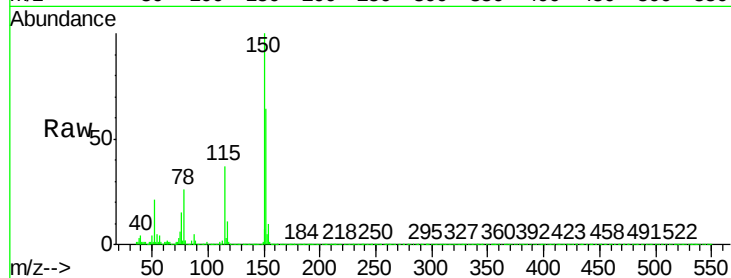
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Instrument :
BNA_P
ClientSampled :
SP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.7	185.5
115	58.0	47.2	70.8

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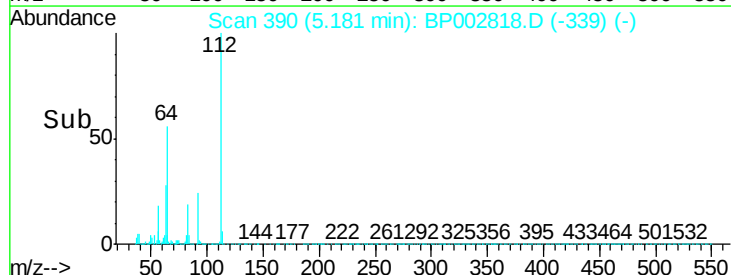
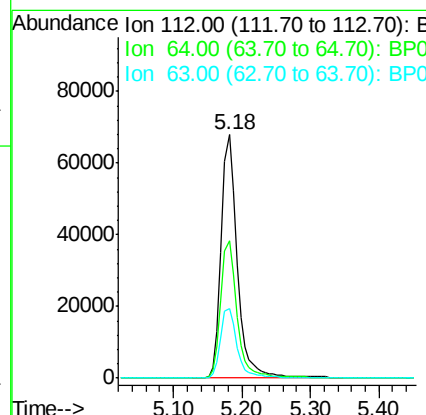
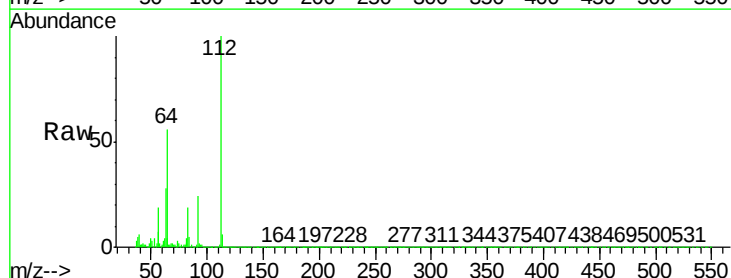
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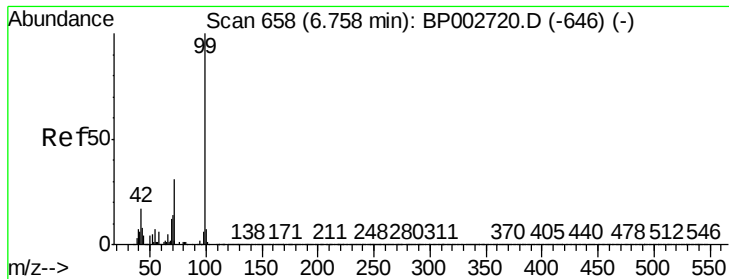


#5

2-Fluorophenol
Concen: 16.219 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.6	68.4
63	28.4	23.5	35.3





#7

Phenol-d6

Concen: 45.250 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002818.D

Acq: 21 Jul 2020 17:28

Instrument :

BNA_P

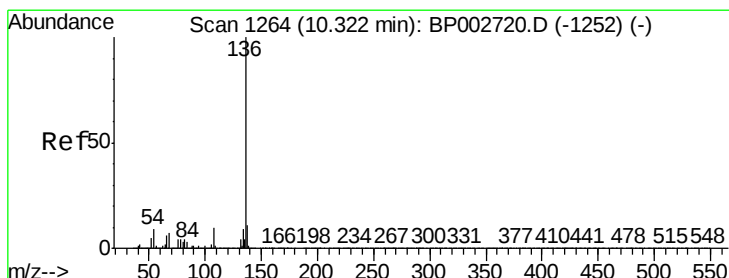
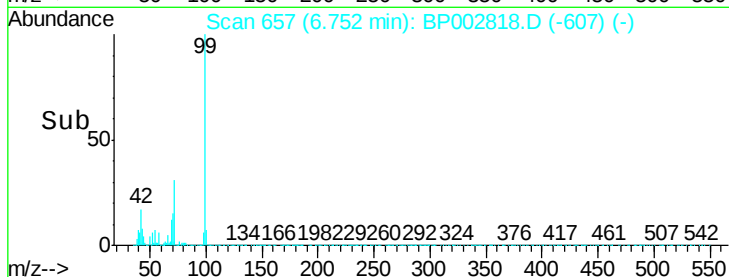
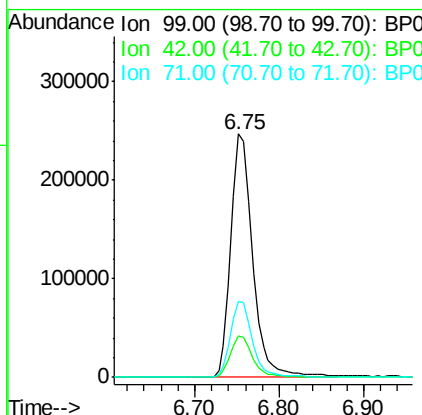
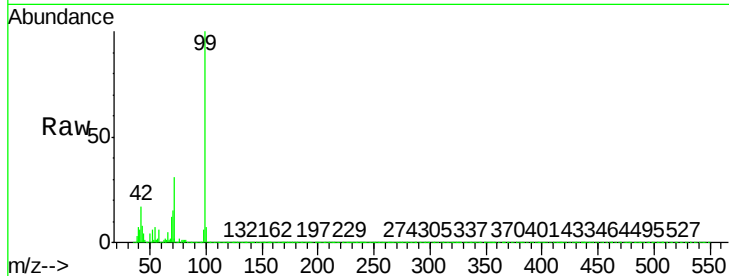
ClientSampleId :

SP-3

Tot Ion:	99	Resp:	441870
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.4	20.2
71	31.4	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

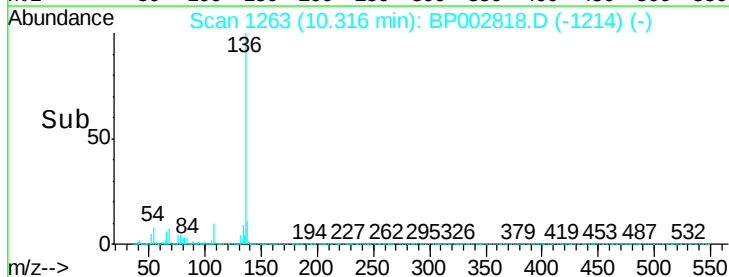
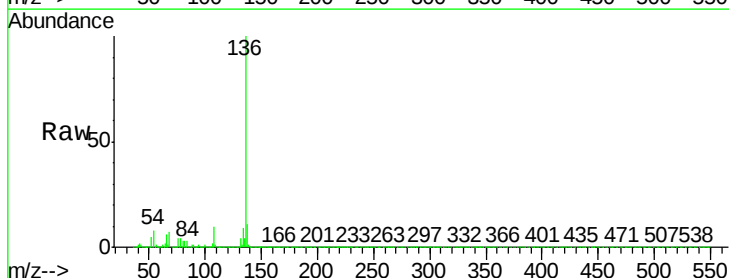
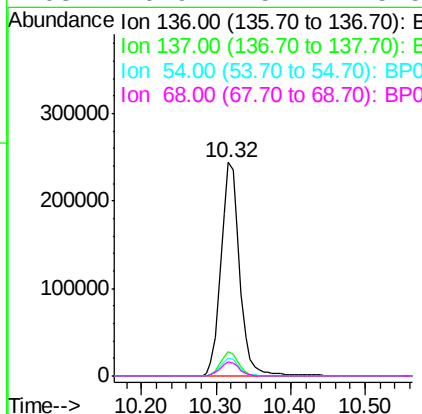
RT: 10.32 min Scan# 1263

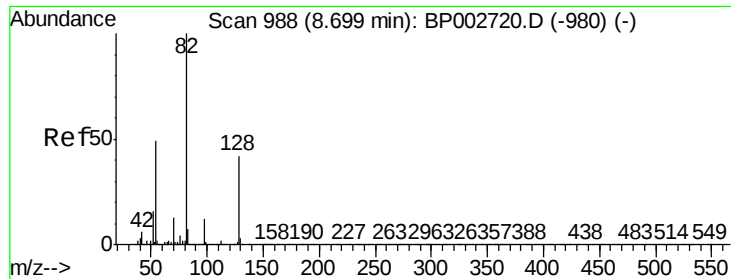
Delta R.T. -0.01 min

Lab File: BP002818.D

Acq: 21 Jul 2020 17:28

Tgt Ion:	136	Resp:	425602
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	8.2	6.9	10.3
68	6.9	5.7	8.5





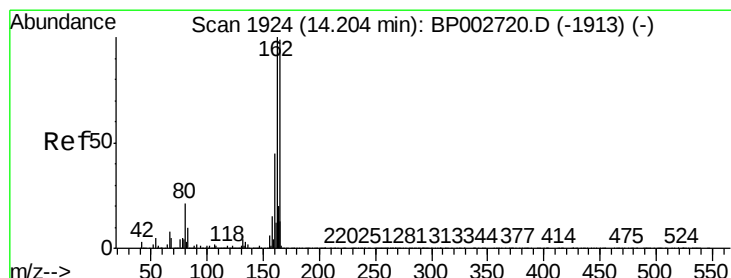
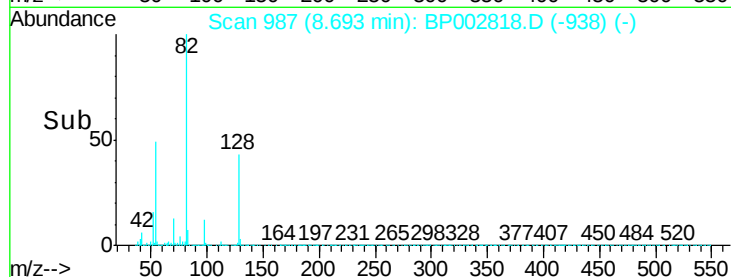
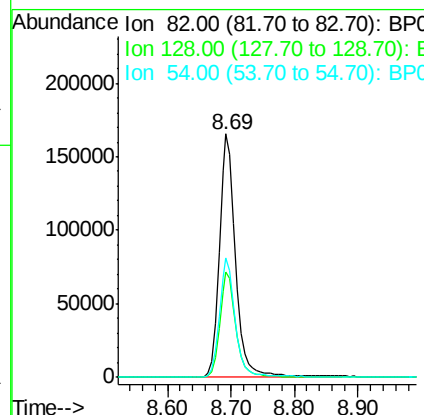
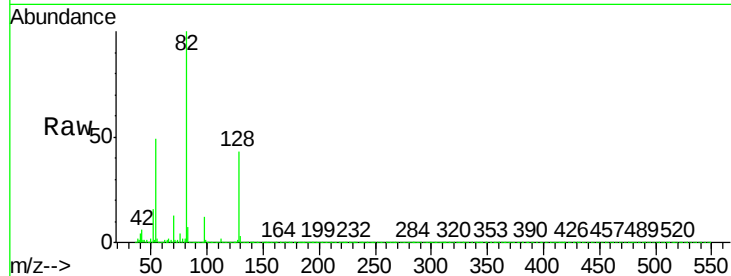
#23
Nitrobenzene-d5
Concen: 37.977 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Instrument :
BNA_P
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.8	50.8
54	49.2	38.8	58.2

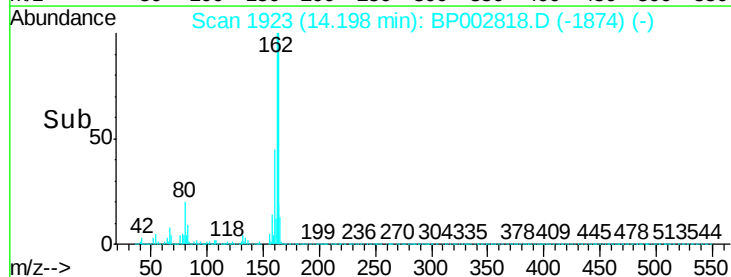
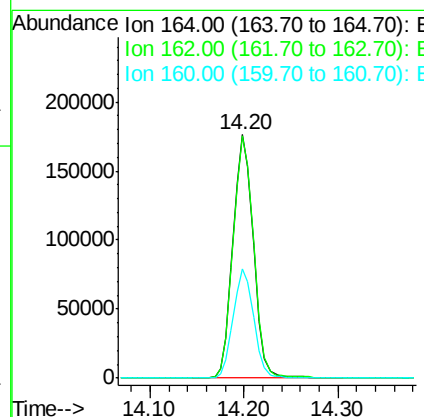
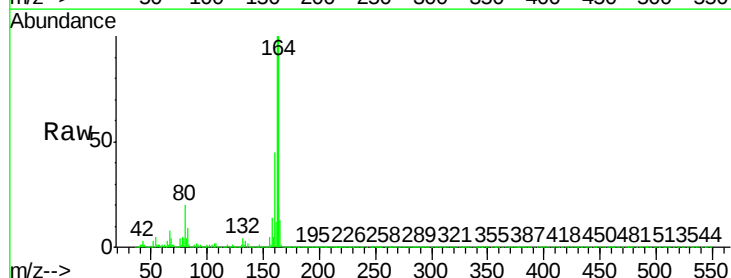
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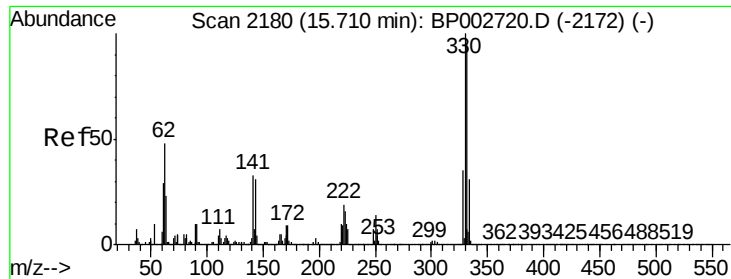
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	121.0
160	44.8	36.4	54.6





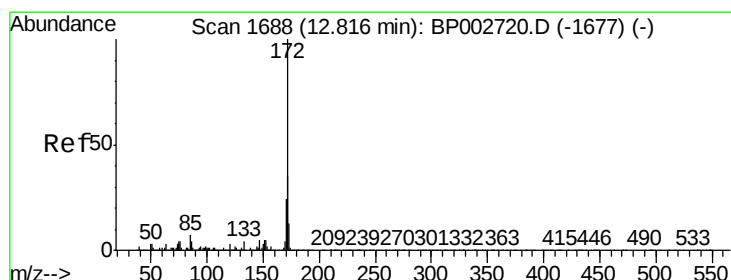
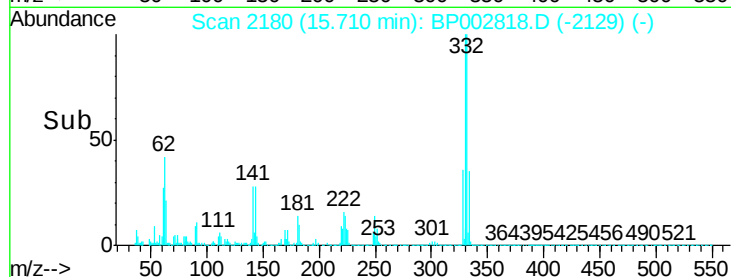
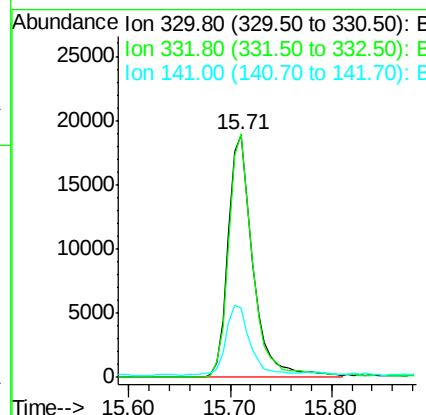
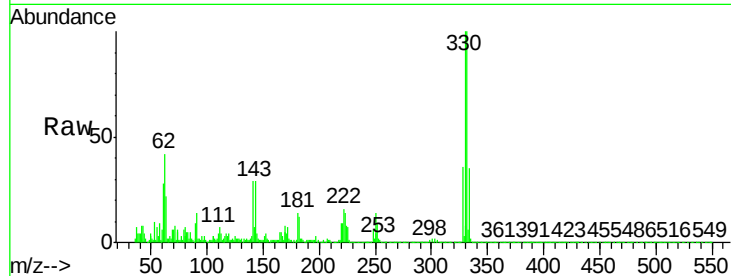
#42
 2,4,6-Tribromophenol
 Concen: 11.601 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002818.D
 Acq: 21 Jul 2020 17:28

Instrument :
 BNA_P
 ClientSampled :
 SP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.5	114.7
141	28.1	28.8	43.2#

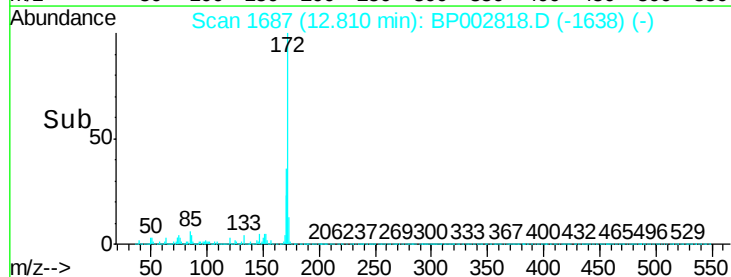
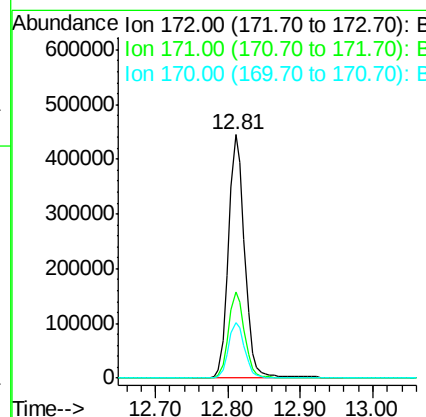
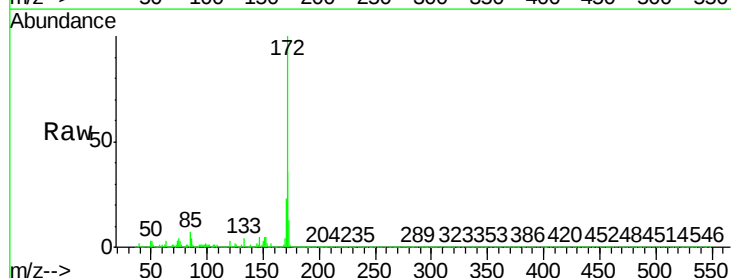
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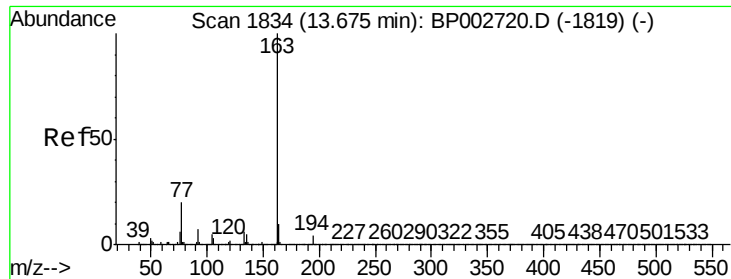
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#45
 2-Fluorobiphenyl
 Concen: 40.318 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002818.D
 Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	23.0	19.3	28.9





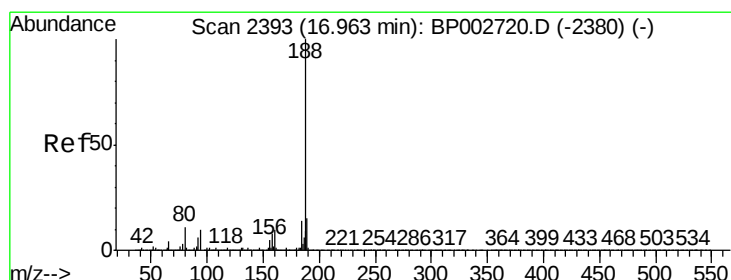
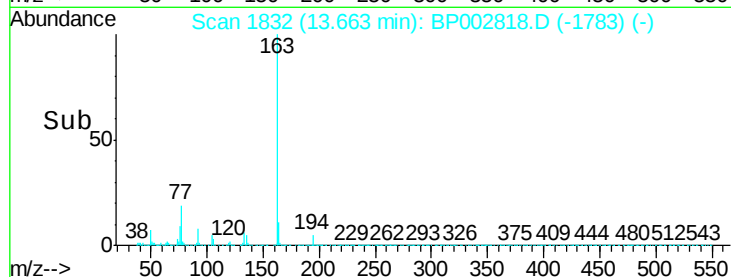
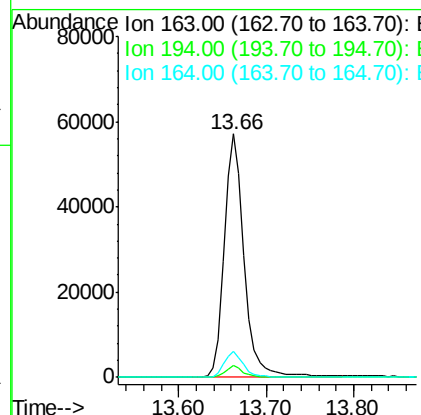
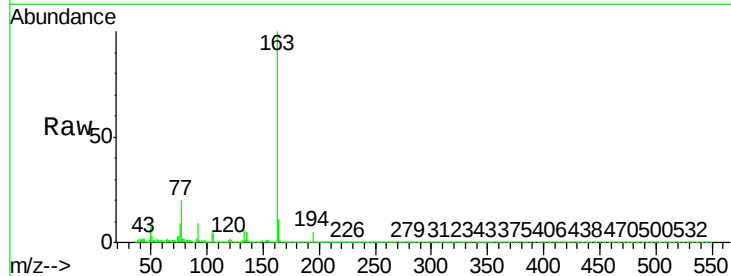
#50
Dimethylphthalate
Concen: 4.387 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Instrument :
BNA_P
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.6	7.8	11.8

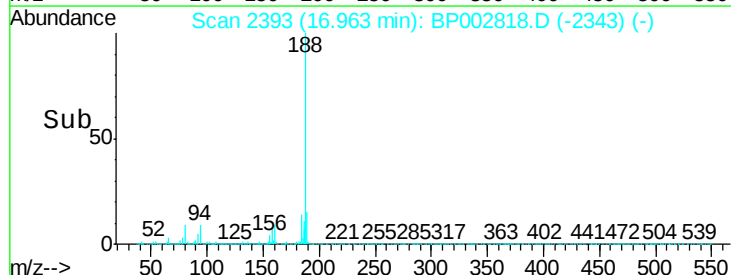
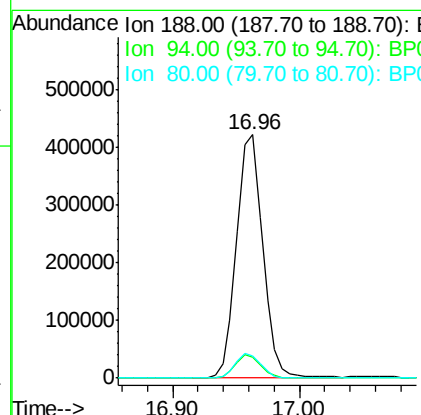
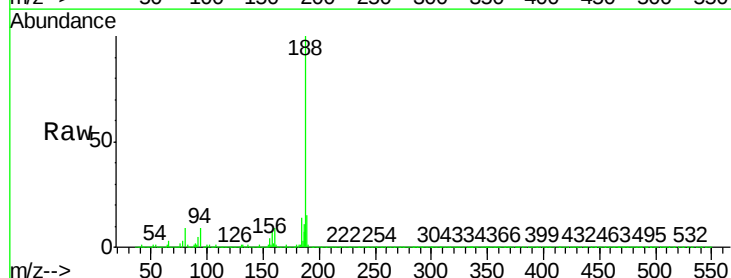
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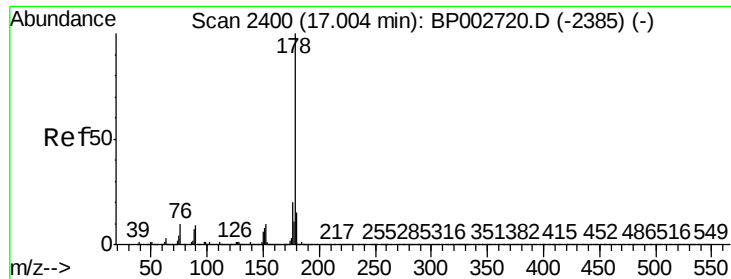
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.1	12.1
80	9.4	8.9	13.3





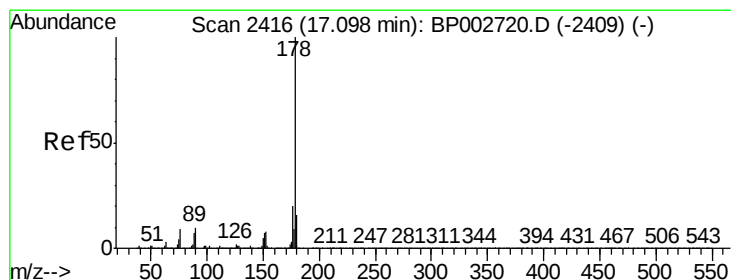
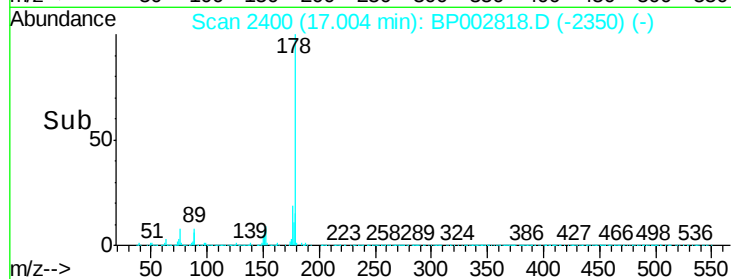
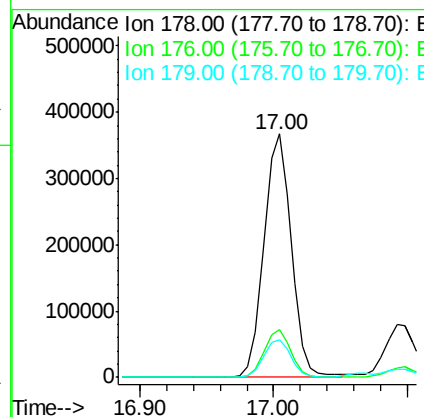
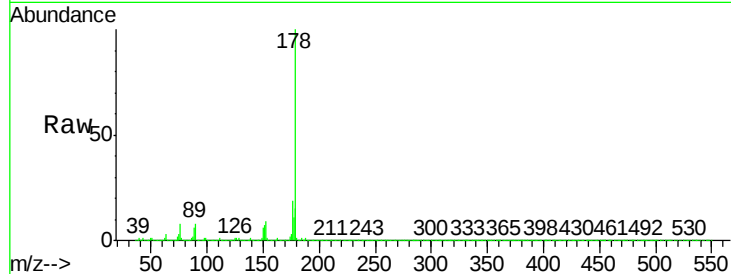
#71
Phenanthrene
Concen: 15.795 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Instrument :
BNA_P
ClientSampled :
SP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.2	12.3	18.5

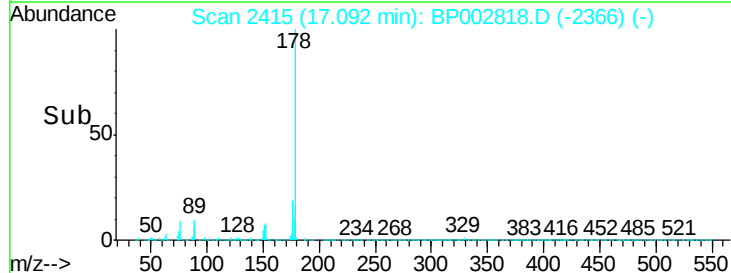
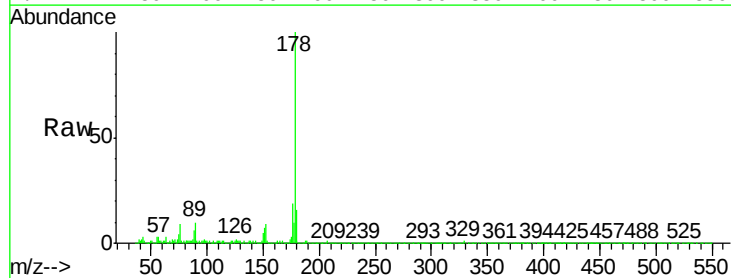
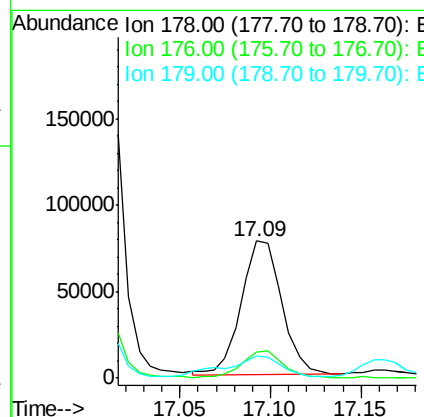
Manual Integrations
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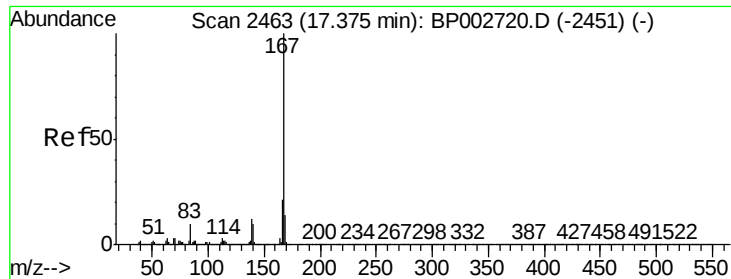
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#72
Anthracene
Concen: 3.737 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	16.4	12.6	19.0





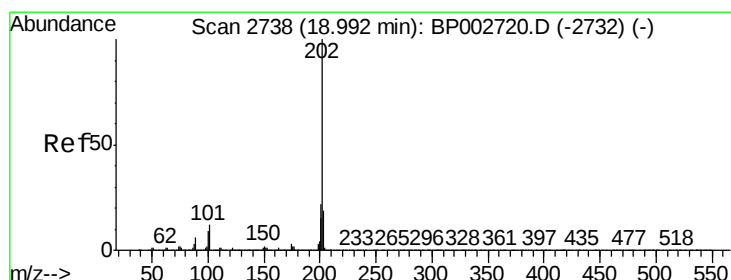
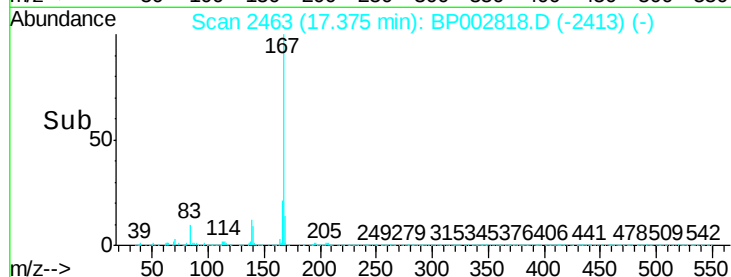
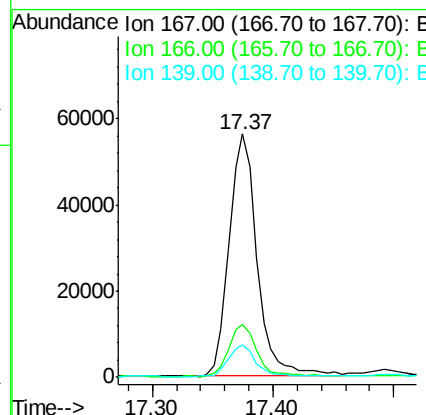
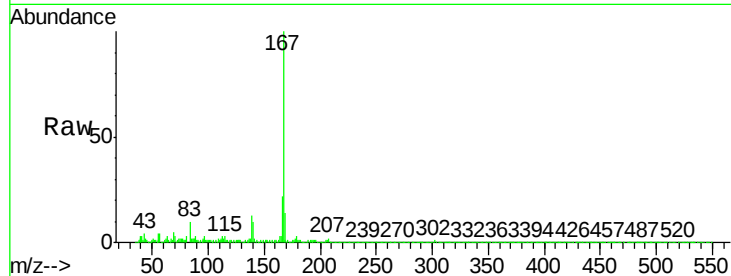
#73
 Carbazole
 Concen: 2.852 ng
 RT: 17.37 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BP002818.D
 Acq: 21 Jul 2020 17:28

Instrument :
 BNA_P
 ClientSampled :
 SP-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.5	17.1	25.7		
139	13.3	9.6	14.4		

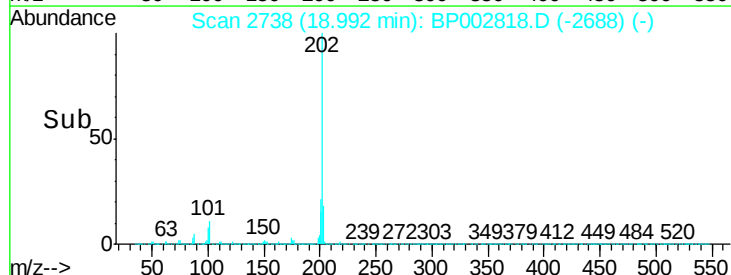
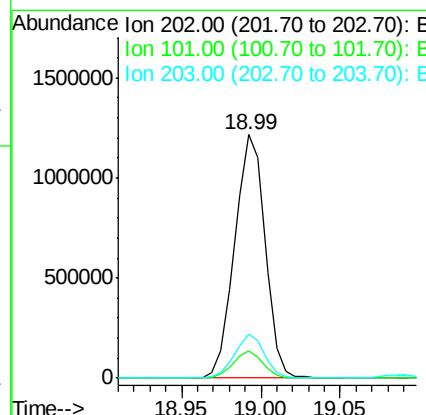
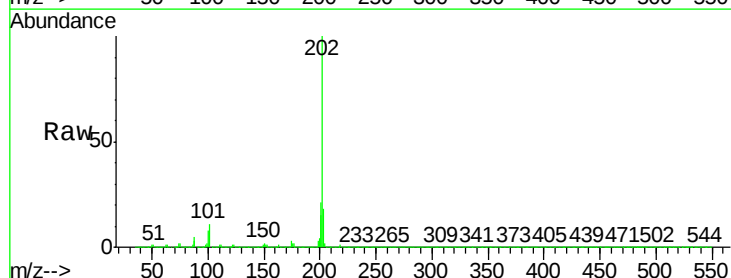
Manual Integrations
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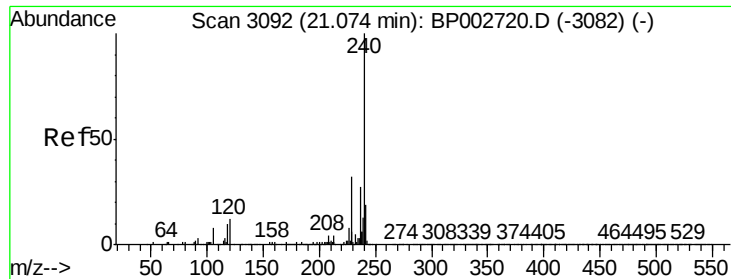
Sohil
 7/24/2020 12:10:26 PM



#75
 Fluoranthene
 Concen: 42.420 ng
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BP002818.D
 Acq: 21 Jul 2020 17:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.1	0.0	32.5		
203	18.3	0.0	38.6		





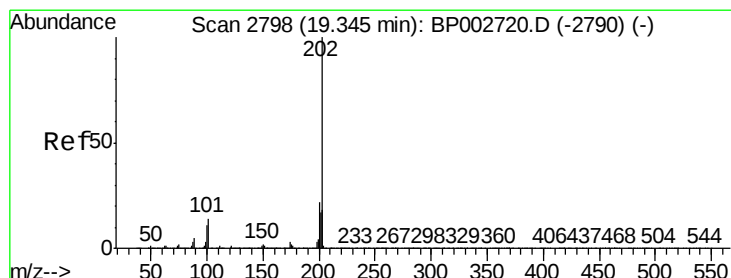
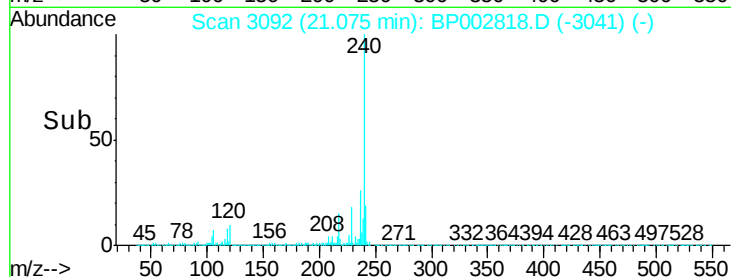
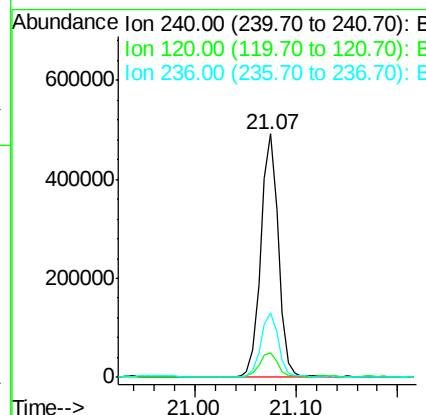
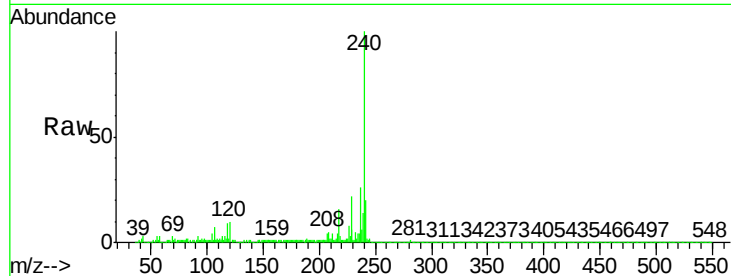
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Instrument :
BNA_P
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.4	14.2
236	26.4	21.3	31.9

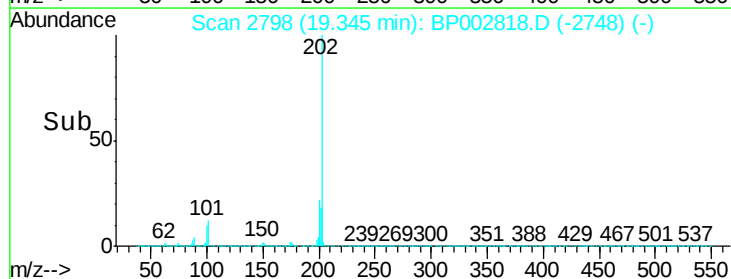
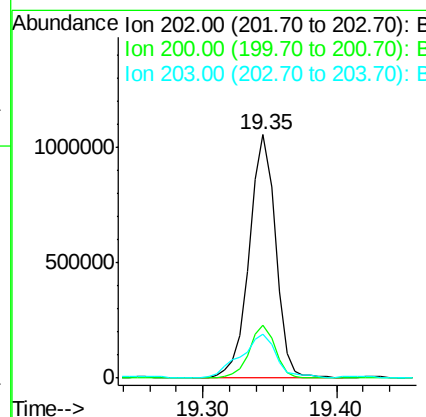
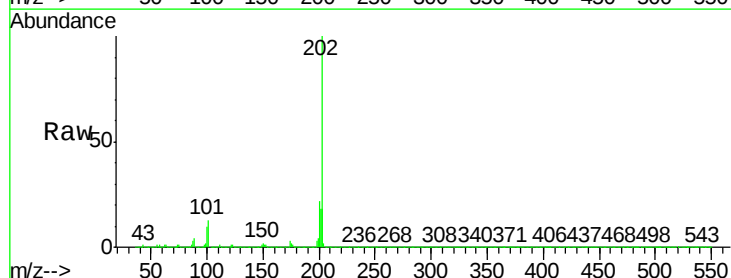
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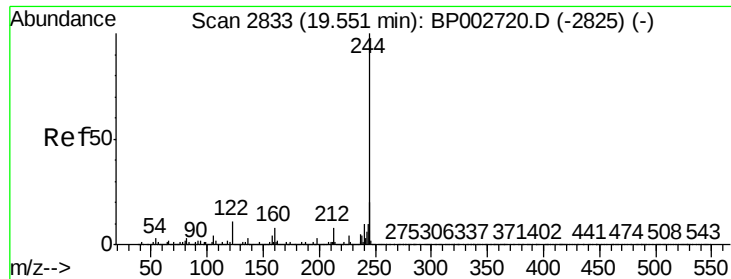
Sohil
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#78
Pyrene
Concen: 35.248 ng
RT: 19.35 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.9	14.5	21.7





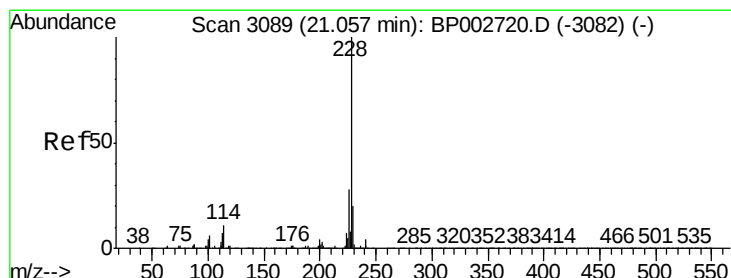
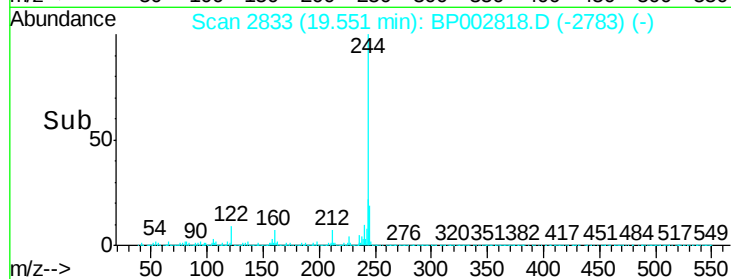
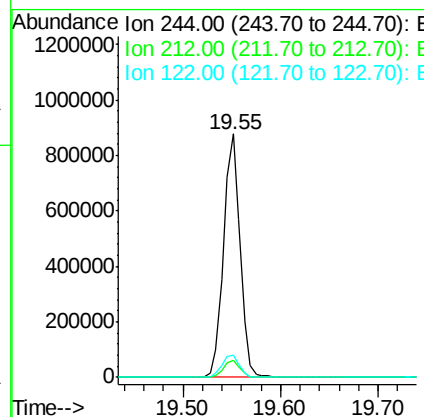
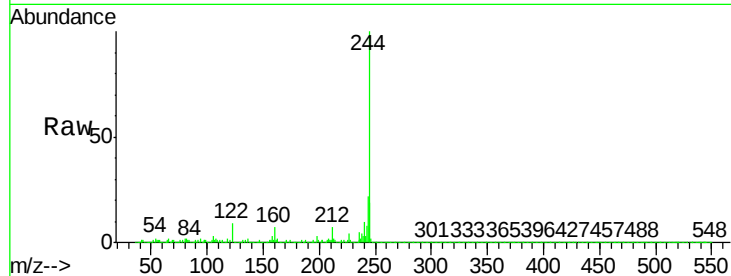
#79
 Terphenyl-d14
 Concen: 40.168 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002818.D
 Acq: 21 Jul 2020 17:28

Instrument :
 BNA_P
 ClientSampled :
 SP-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.3	8.9	13.3

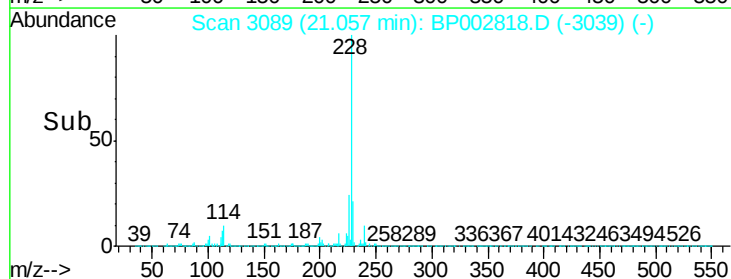
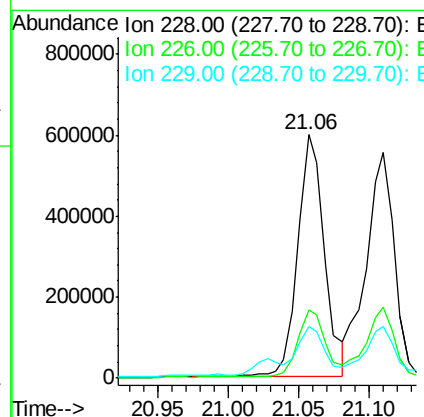
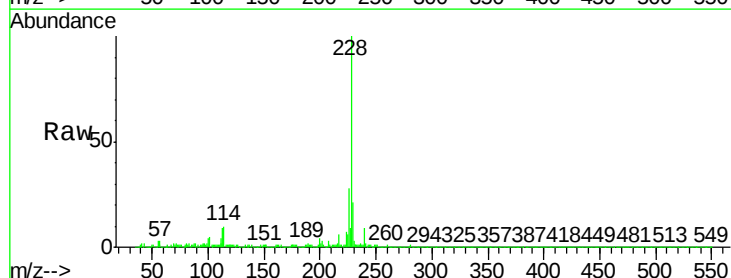
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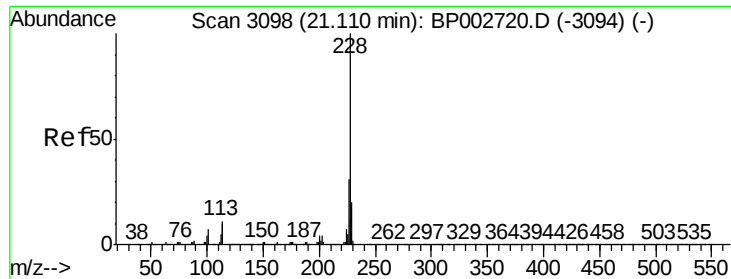
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#81
 Benzo(a)anthracene
 Concen: 20.837 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BP002818.D
 Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	21.3	16.0	24.0





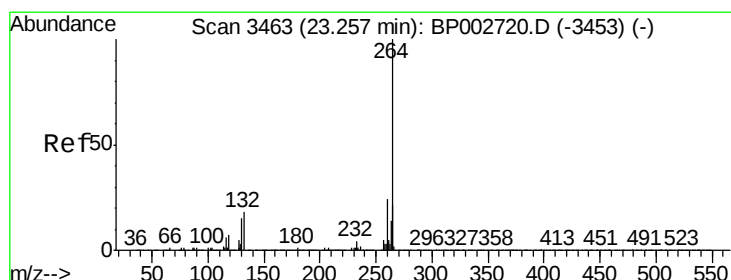
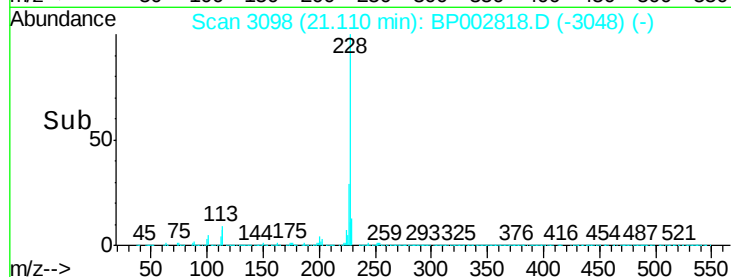
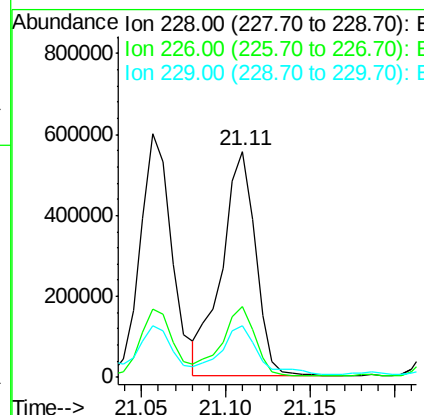
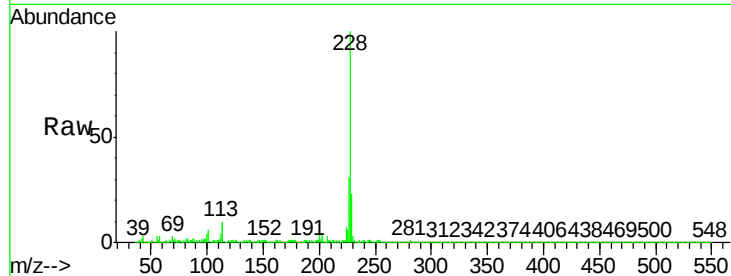
#83
Chrysene
Concen: 21.391 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Instrument :
BNA_P
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	22.6	15.7	23.5

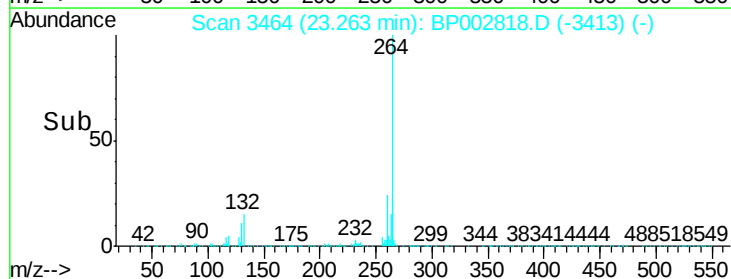
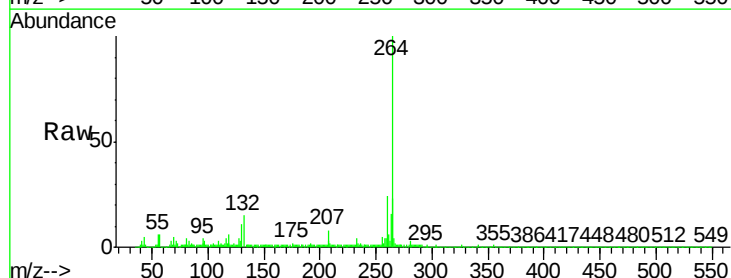
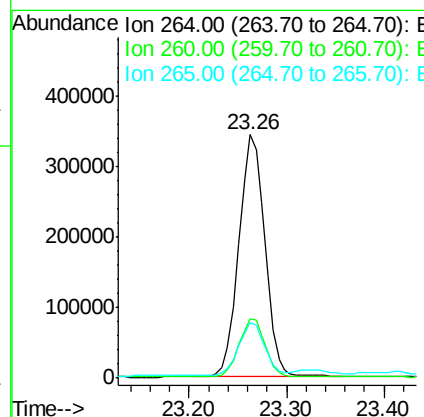
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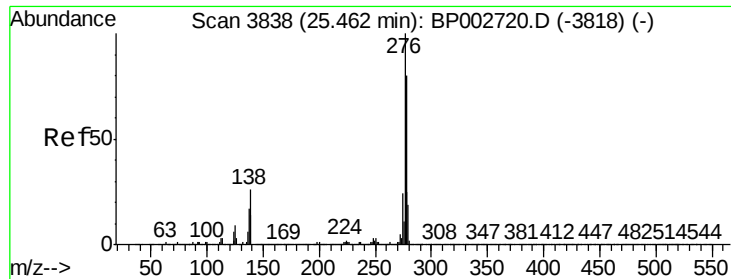
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	22.6	16.8	25.2





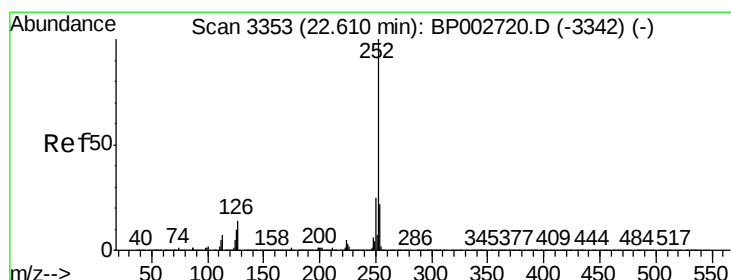
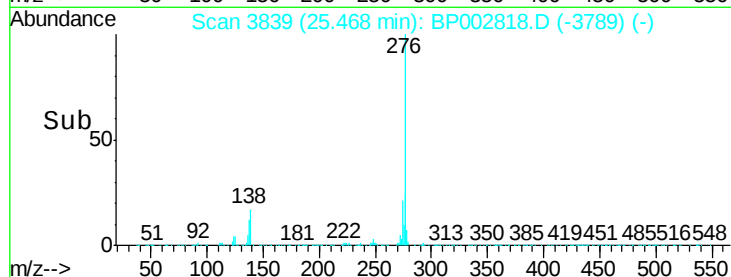
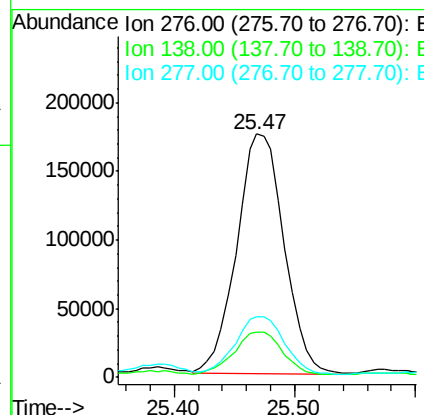
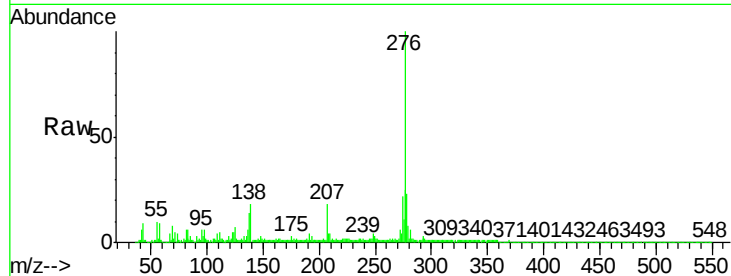
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.259 ng
 RT: 25.47 min Scan# 3839
 Delta R.T. -0.01 min
 Lab File: BP002818.D
 Acq: 21 Jul 2020 17:28

Instrument :
 BNA_P
 Client Sampled :
 SP-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	20.8	31.2#
277	24.7	20.0	30.0

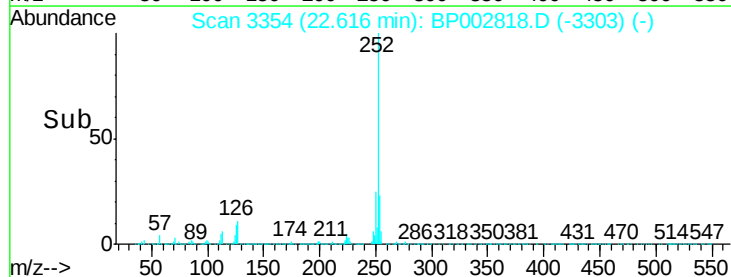
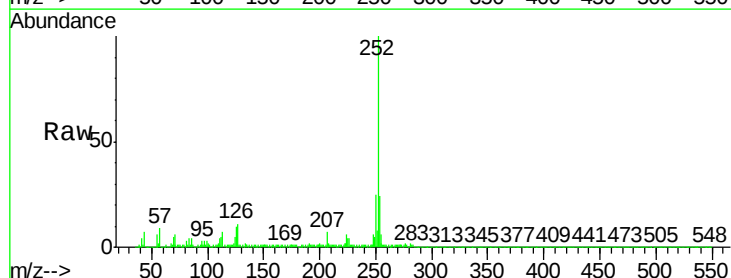
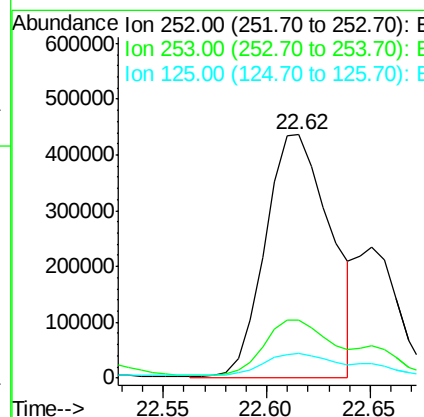
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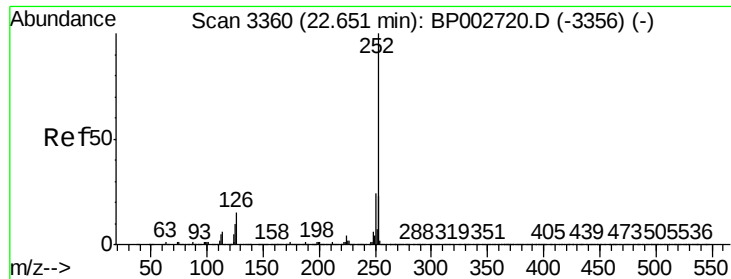
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 24.296 ng m
 RT: 22.62 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: BP002818.D
 Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	10.2	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 8.395 ng/mL

RT: 22.65 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BP002818.D

Acq: 21 Jul 2020 17:28

Instrument :

BNA_P

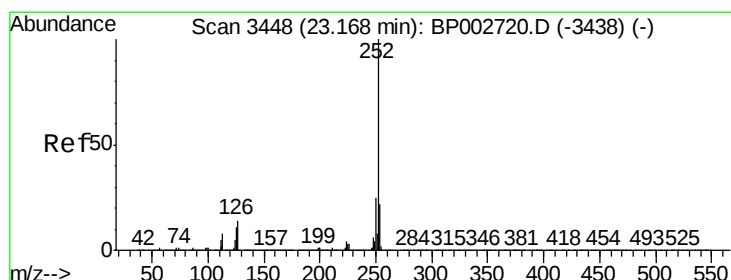
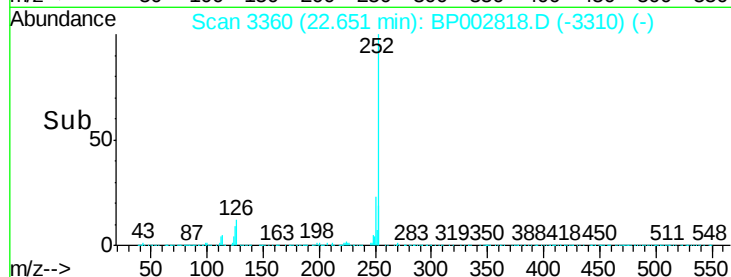
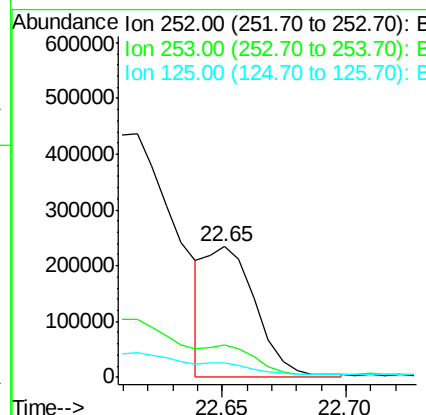
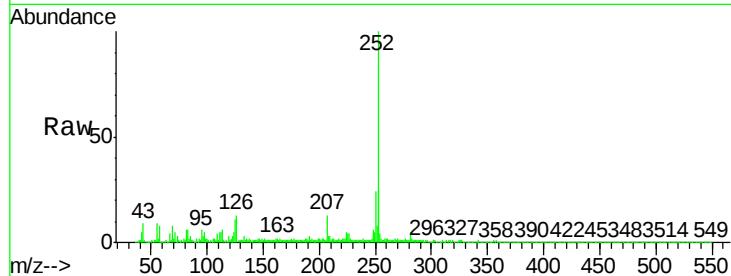
ClientSampled :

SP-3

Tot Ion:	252	Resp:	328164
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.8	26.8
125	10.8	8.3	12.5

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#90

Benzo(a)pyrene

Concen: 17.641 ng/mL

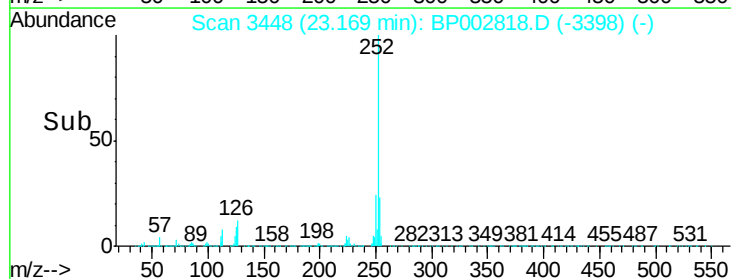
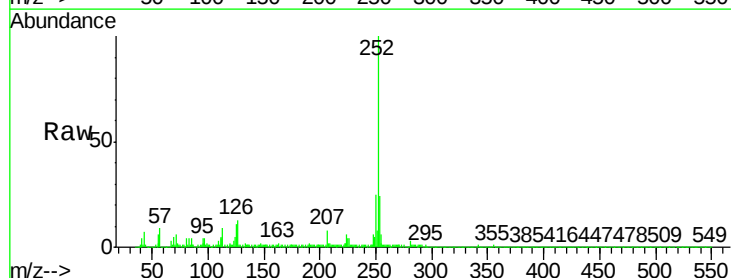
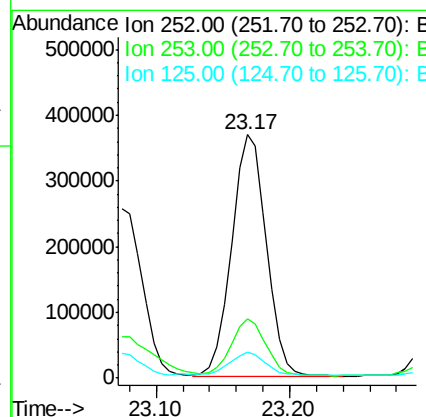
RT: 23.17 min Scan# 3448

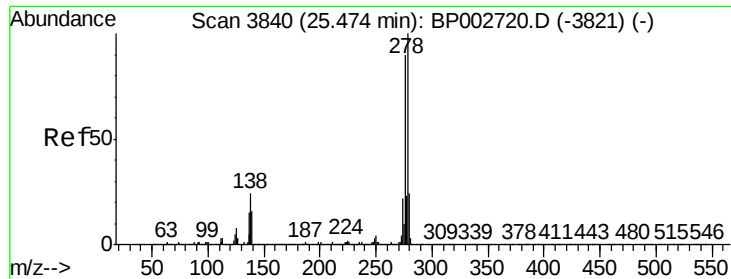
Delta R.T. -0.01 min

Lab File: BP002818.D

Acq: 21 Jul 2020 17:28

Tgt Ion:	252	Resp:	663437
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.6	26.4
125	10.7	8.6	13.0





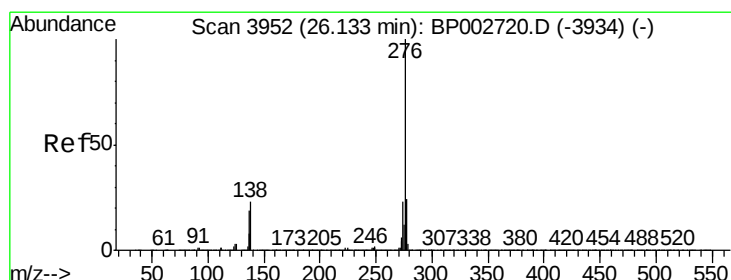
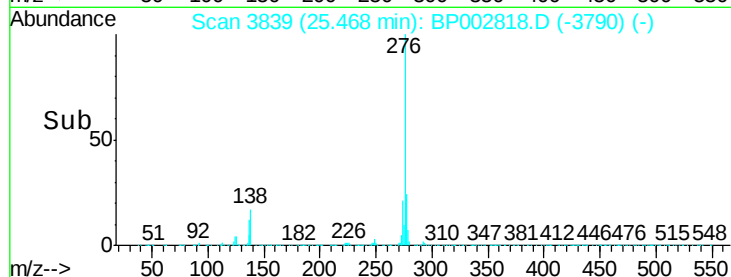
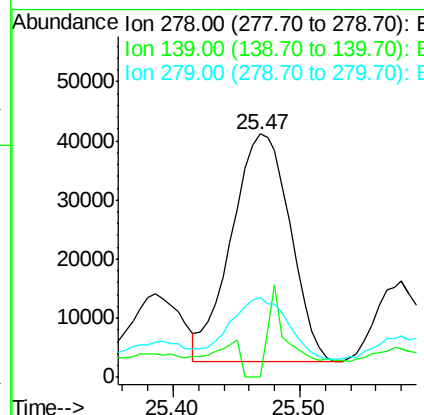
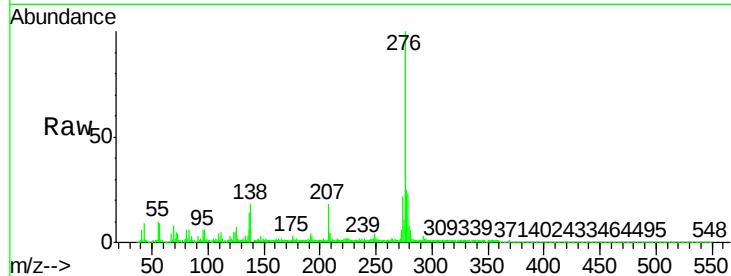
#91
Dibenzo(a,h)anthracene
Concen: 3.317 ng
RT: 25.47 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Instrument :
BNA_P
Client Sampled :
SP-3

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	32.8	19.0	28.6#

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#92
Benzo(g,h,i)perylene
Concen: 12.436 ng
RT: 26.14 min Scan# 3954
Delta R.T. 0.00 min
Lab File: BP002818.D
Acq: 21 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.1	28.7
138	19.7	18.3	27.5

