

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003218.D
 Acq On : 04 Sep 2020 18:58
 Operator : CG/JU
 Sample : L3877-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Manual Integrations
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Quant Time: Sep 08 03:40:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	292417	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1004585	20.00	ng	0.03
39) Acenaphthene-d10	14.30	164	675920	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1241849	20.00	ng	0.00
76) Chrysene-d12	21.15	240	964615	20.00	ng	0.00
86) Perylene-d12	23.39	264	1087414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	56573	3.42	ng	0.00
7) Phenol-d6	6.85	99	61393	2.96	ng	0.01
23) Nitrobenzene-d5	8.80	82	48000	3.44	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	27222	2.98	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	104239	2.26	ng	0.00
79) Terphenyl-d14	19.63	244	109466	2.50	ng	0.00
Target Compounds						
3) Pyridine	3.59	79	149170m	8.964	ng	Qvalue
31) Naphthalene	10.53	128	38735849m	750.512	ng	
37) 2-Methylnaphthalene	12.15	142	13528133	366.405	ng	# 95
38) 1-Methylnaphthalene	12.35	142	9130246	260.175	ng	# 100
46) 1,1'-Biphenyl	13.13	154	1827876	36.053	ng	99
49) Acenaphthylene	14.02	152	781954	12.461	ng	# 85
52) Acenaphthene	14.36	154	666411	17.286	ng	100
55) Dibenzofuran	14.70	168	386849	6.389	ng	# 63
58) Fluorene	15.35	166	1120233	24.019	ng	98
71) Phenanthrene	17.10	178	2439706	36.256	ng	99
72) Anthracene	17.19	178	596828	9.267	ng	99
75) Fluoranthene	19.08	202	604399	7.771	ng	98
78) Pvrene	19.43	202	1149937	18.368	ng	99
81) Benzo(a)anthracene	21.13	228	340481	5.635	ng	96
83) Chrysene	21.19	228	358510	6.197	ng	95
88) Benzo(b)fluoranthene	22.72	252	298723m	4.420	ng	
90) Benzo(a)pvrene	23.29	252	271610	4.332	ng	# 96
92) Benzo(g,h,i)perylene	26.35	276	193298	2.891	ng	98

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

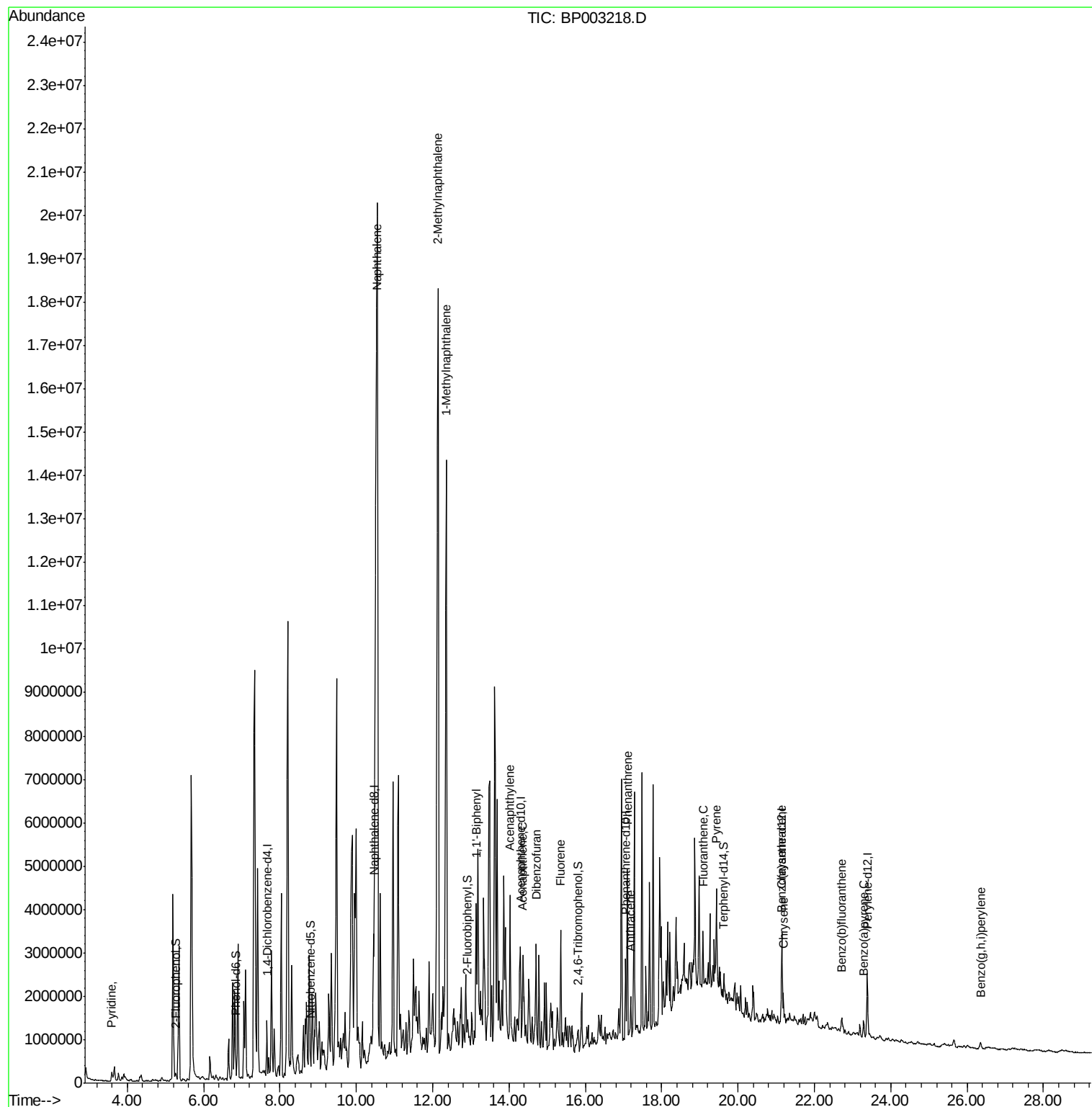
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003218.D
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ALS Vial : 18 Sample Multiplier: 1

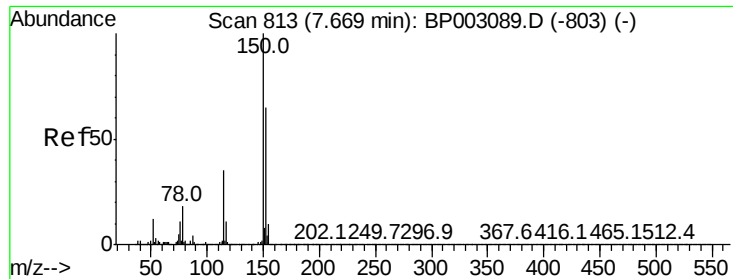
Instrument :
BNA_P
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TP-1

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#1

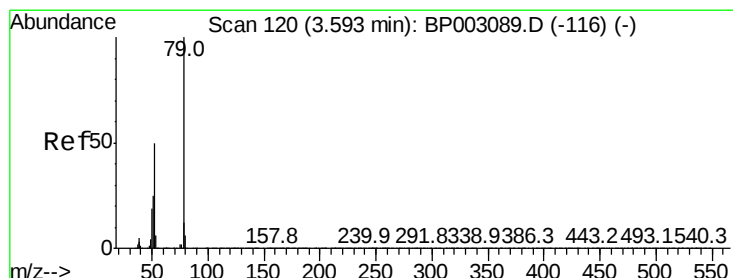
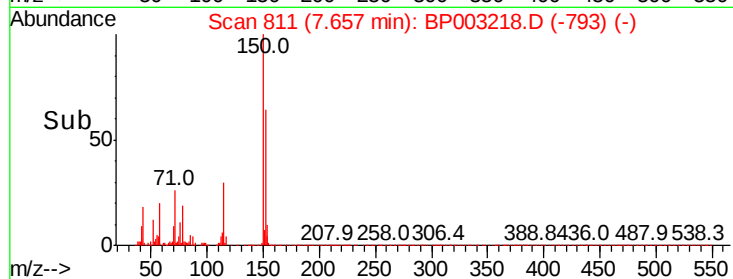
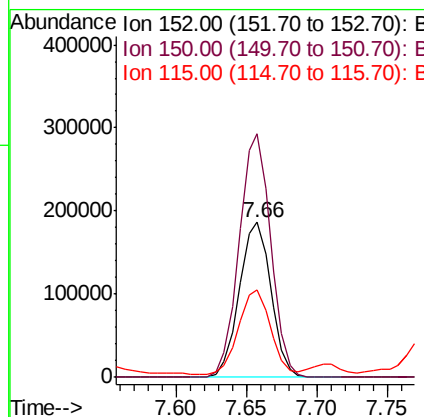
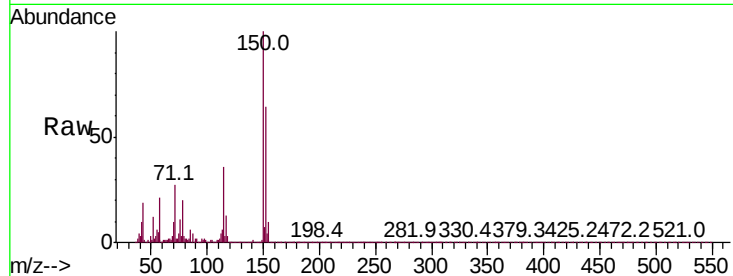
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	152	Resp	292417
Ion Ratio	Lower	Upper	
152	100		
150	157.2	123.8	185.6
115	56.1	43.8	65.6

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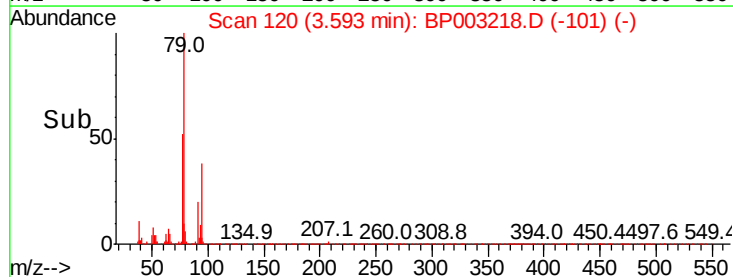
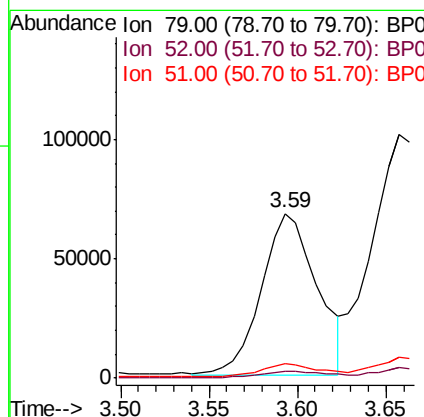
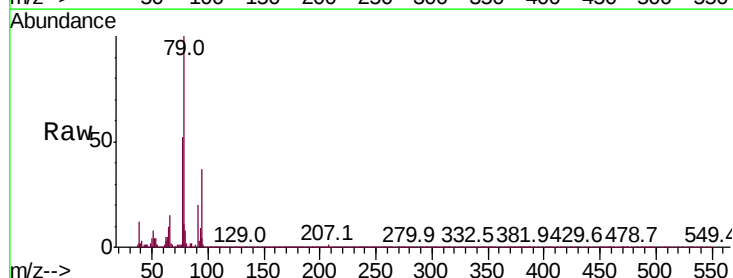
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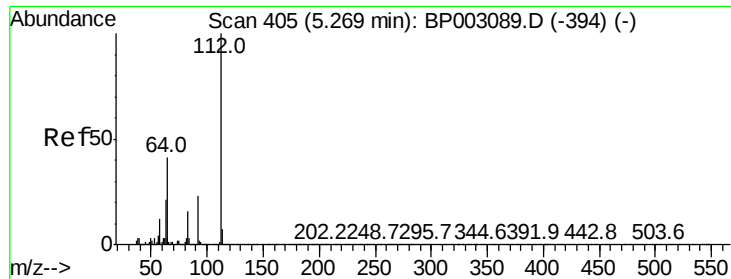


#3

Pyridine
Concen: 8.964 ng m
RT: 3.59 min Scan# 120
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion	79	Resp	149170
Ion Ratio	Lower	Upper	
79	100		
52	4.2	41.3	61.9#
51	8.4	21.2	31.8#





#5

2-Fluorophenol

Concen: 3.421 ng

RT: 5.27 min Scan# 405

Delta R.T. 0.01 min

Lab File: BP003218.D

Acq: 04 Sep 2020 18:58

Instrument :

BNA_P

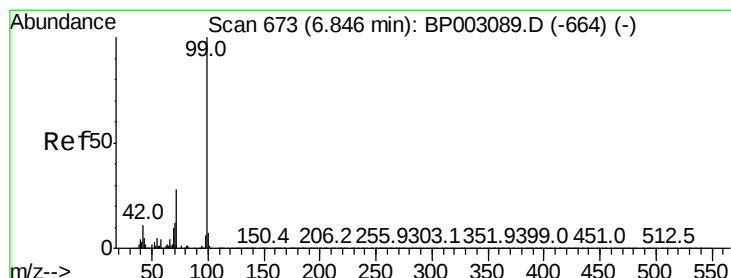
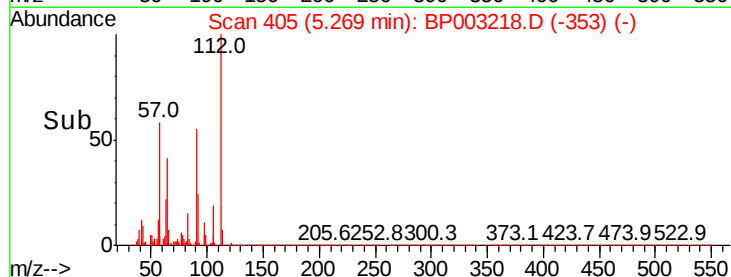
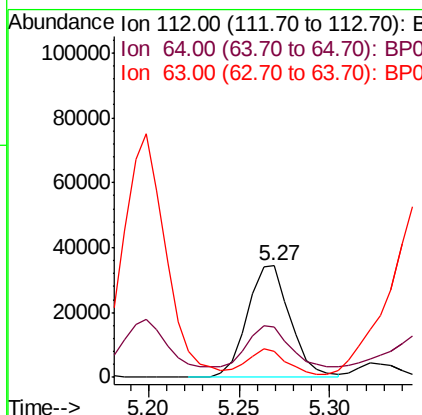
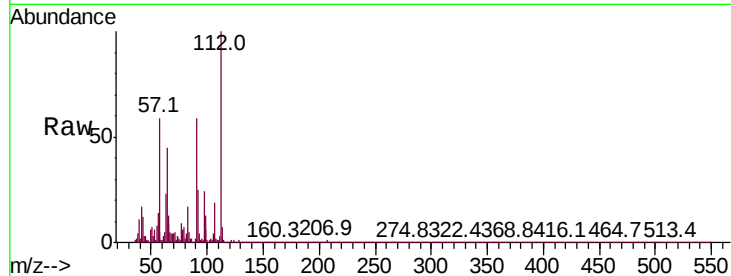
ClientSampled :

TP-1

Tot Ion:	112	Resp:	56573
Ion Ratio	Lower	Upper	
112	100		
64	45.1	32.8	49.2
63	22.8	17.0	25.4

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#7

Phenol-d6

Concen: 2.961 ng

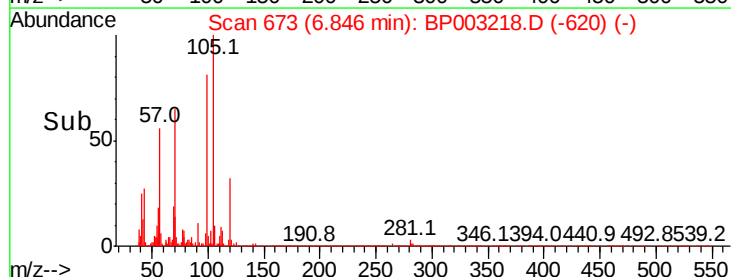
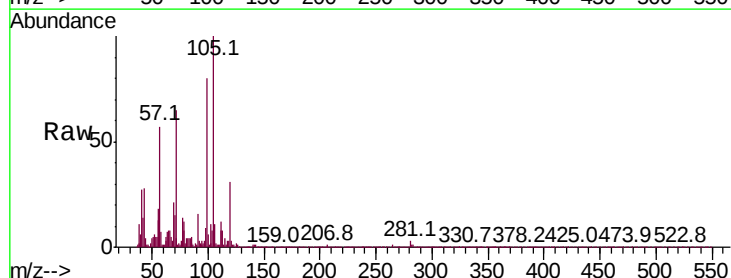
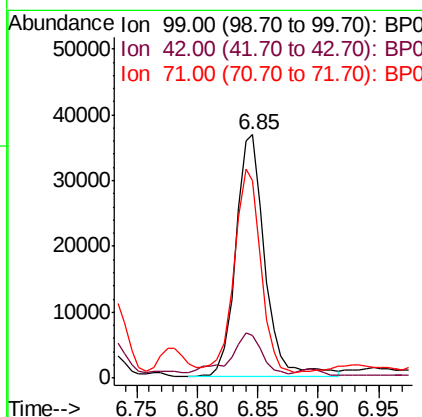
RT: 6.85 min Scan# 673

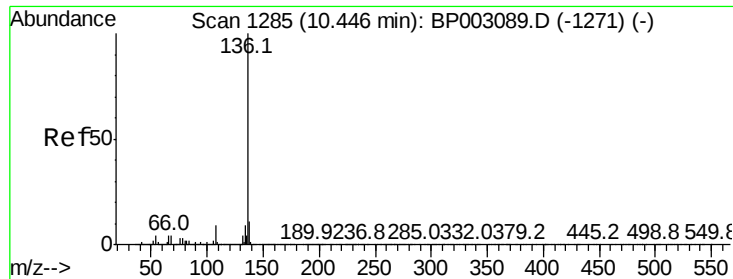
Delta R.T. 0.01 min

Lab File: BP003218.D

Acq: 04 Sep 2020 18:58

Tgt Ion:	99	Resp:	61393
Ion Ratio	Lower	Upper	
99	100		
42	17.4	8.6	13.0#
71	81.1	23.4	35.2#





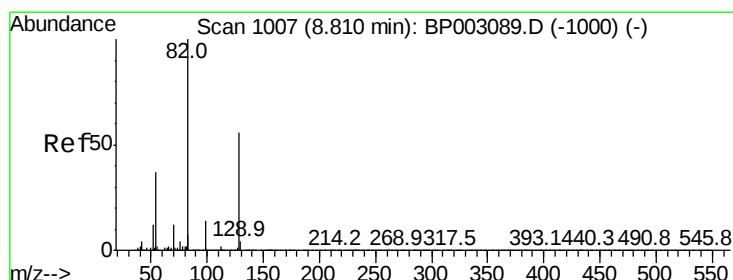
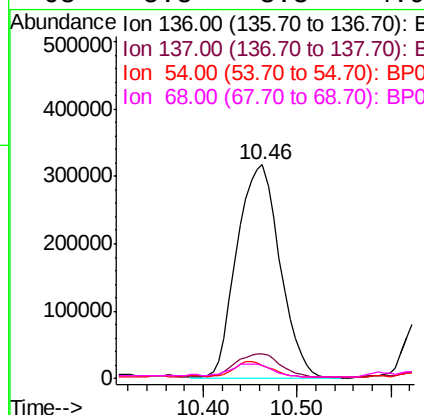
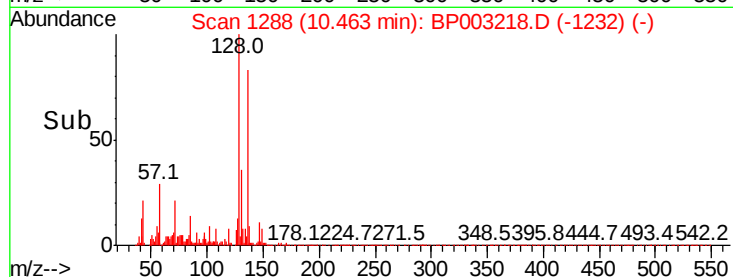
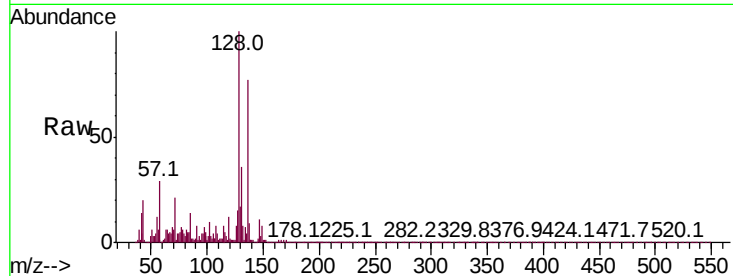
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. 0.03 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	136	137	54	68
Ratio	100	11.6	5.8	5.8
Lower		8.6	3.6	3.3
Upper		13.0	5.4	4.9

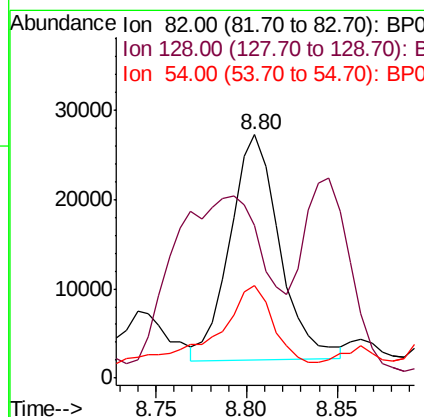
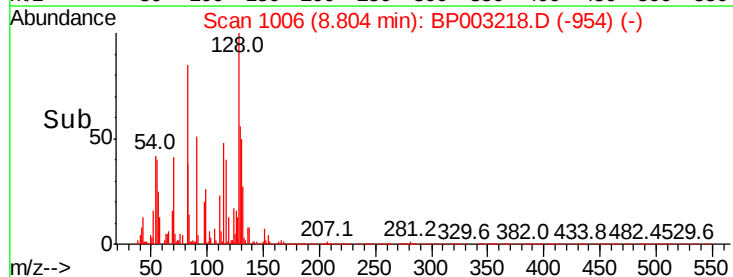
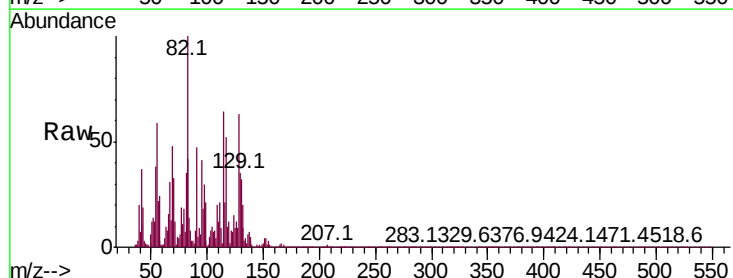
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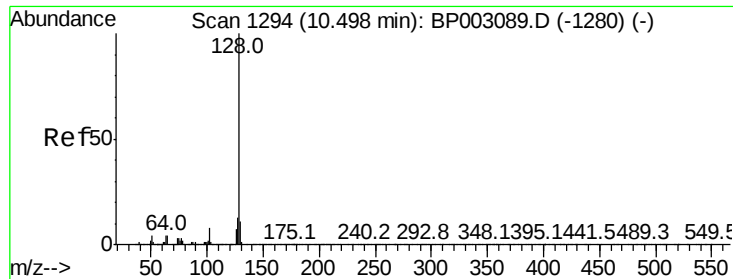
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#23
Nitrobenzene-d5
Concen: 3.445 ng
RT: 8.80 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion	82	128	54
Ratio	100	62.8	37.9
Lower		45.6	30.1
Upper		68.4	45.1





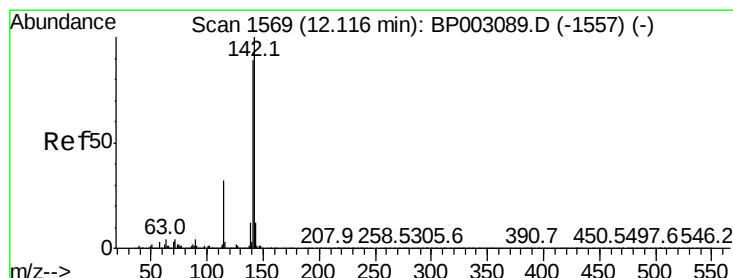
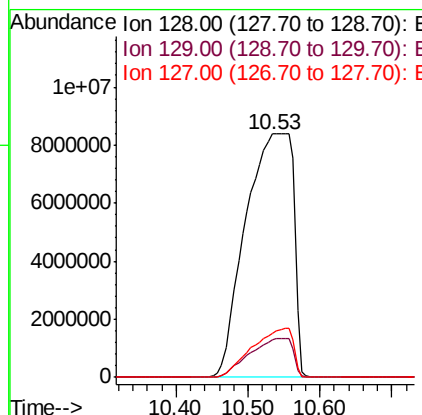
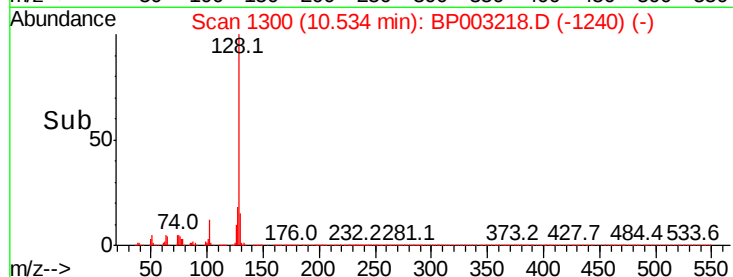
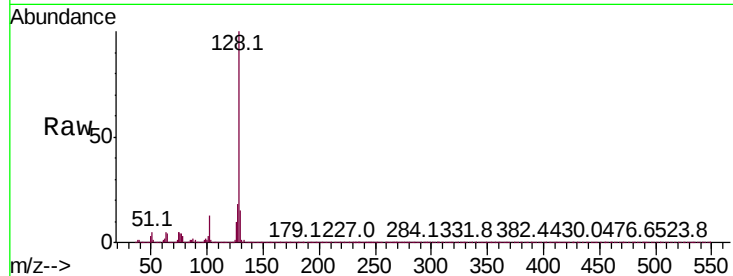
#31
Naphthalene
Concen: 750.512 ng/mL
RT: 10.53 min Scan# 1300
Delta R.T. 0.05 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion:128 Resp:38735849
Ion Ratio Lower Upper
128 100
129 15.2 8.8 13.2#
127 18.3 10.6 15.8#

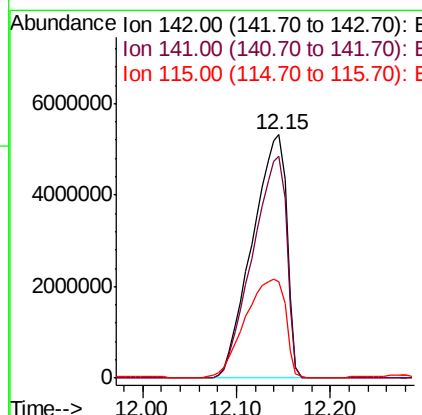
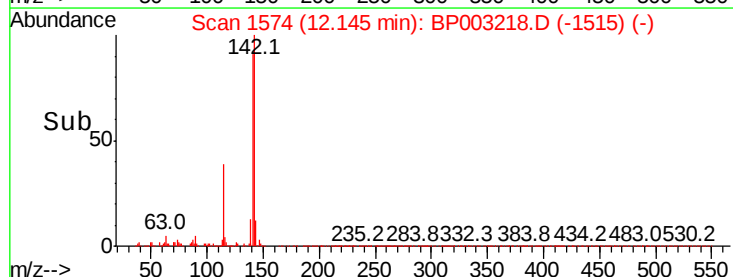
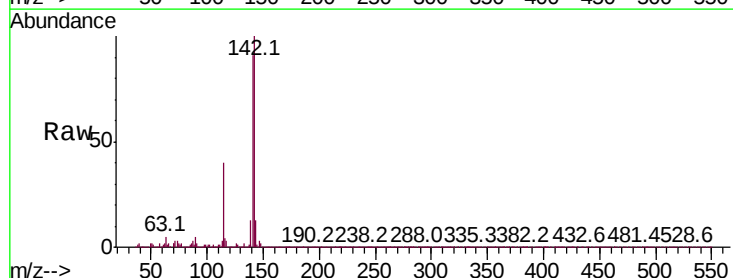
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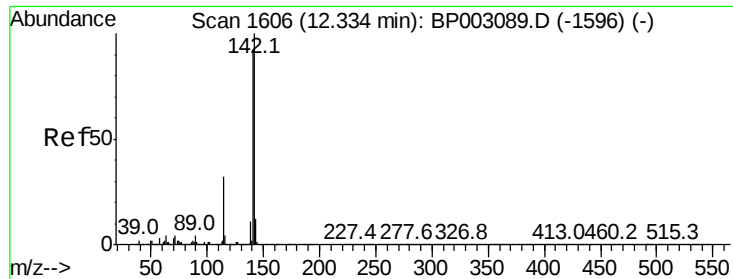
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#37
2-Methylnaphthalene
Concen: 366.405 ng/mL
RT: 12.15 min Scan# 1574
Delta R.T. 0.05 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion:142 Resp:13528133
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.2
115 39.7 25.8 38.6#





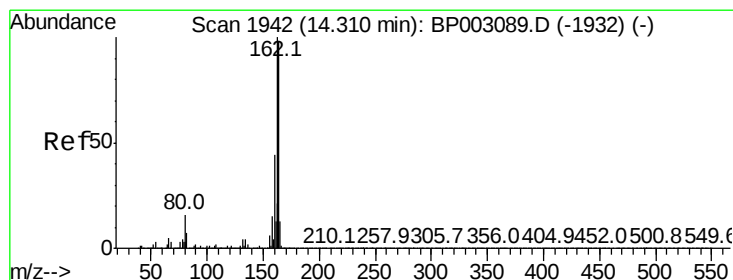
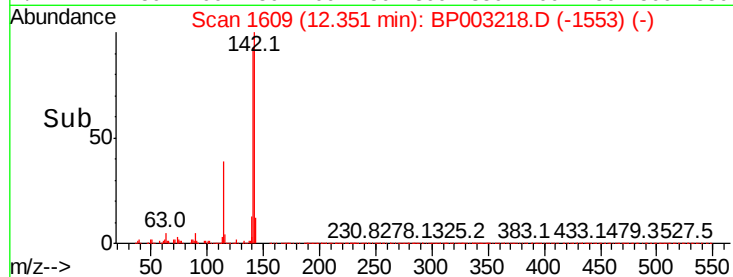
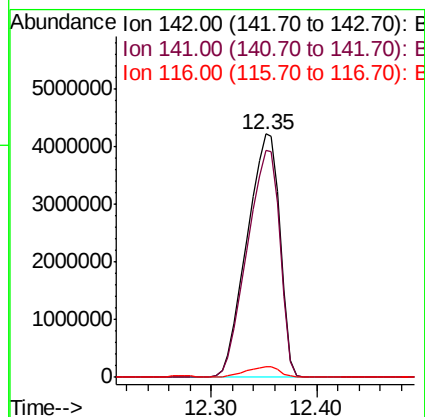
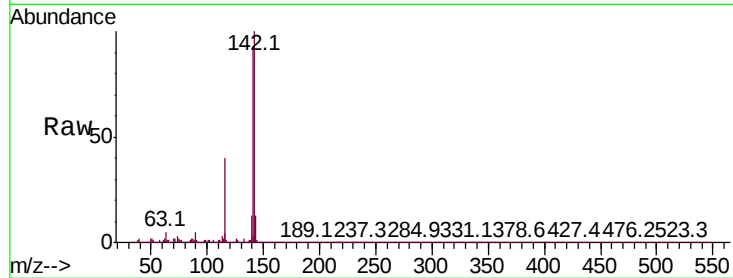
#38
 1-Methylnaphthalene
 Concen: 260.175 ng
 RT: 12.35 min Scan# 1609
 Delta R.T. 0.03 min
 Lab File: BP003218.D
 Acq: 04 Sep 2020 18:58

Instrument :
 BNA_P
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.4	111.6
116	4.4	2.9	4.3#

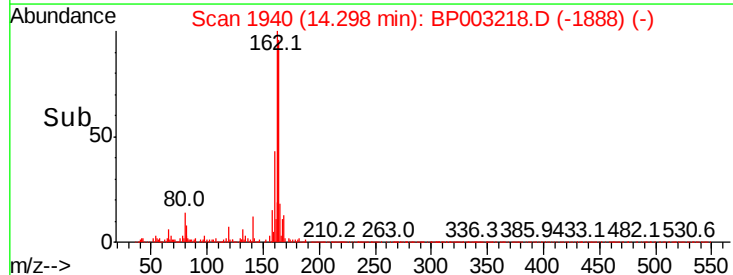
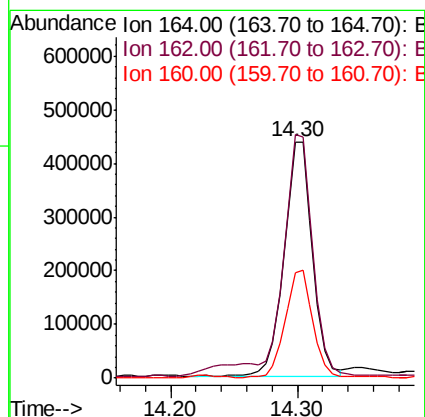
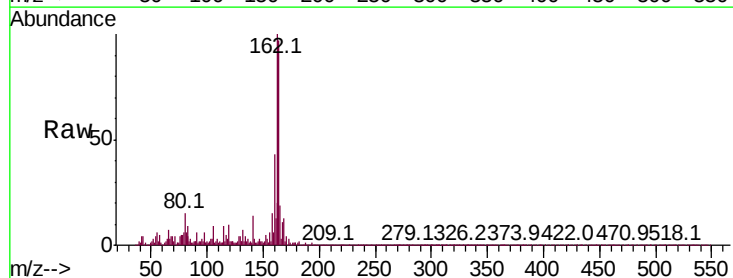
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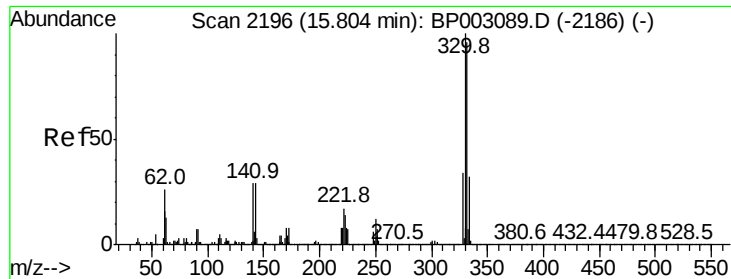
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1940
 Delta R.T. 0.01 min
 Lab File: BP003218.D
 Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	79.4	119.2
160	44.9	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 2.978 ng

RT: 15.80 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BP003218.D

Acq: 04 Sep 2020 18:58

Instrument :

BNA_P

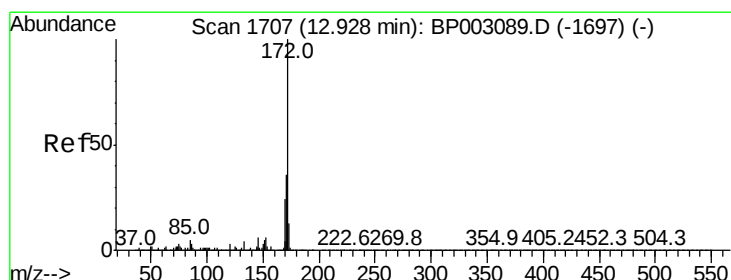
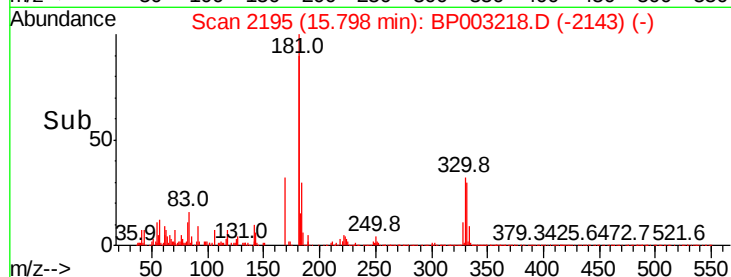
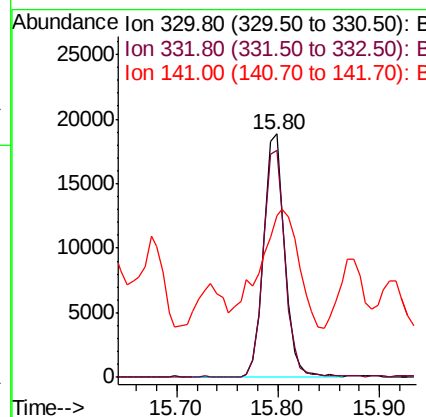
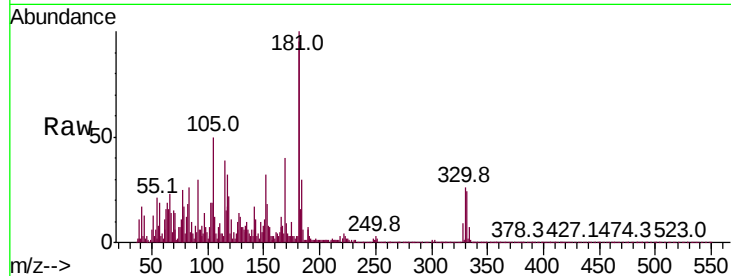
ClientSampled :

TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	89.8	23.4	35.2#

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#45

2-Fluorobiphenyl

Concen: 2.258 ng

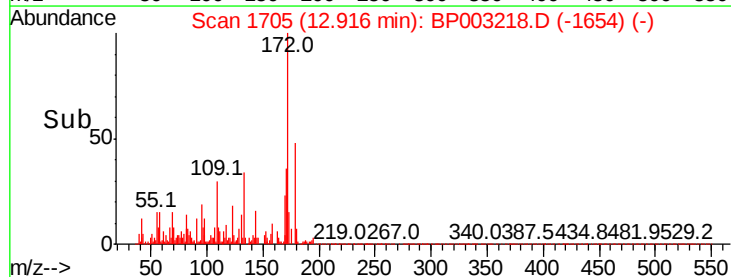
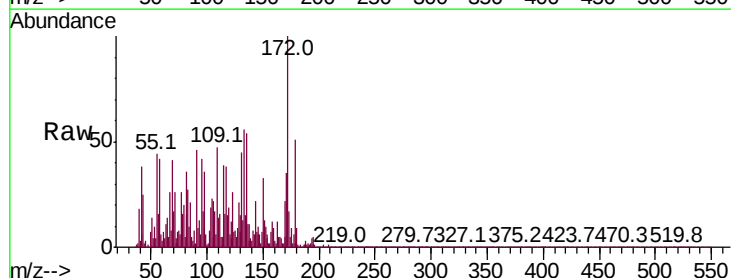
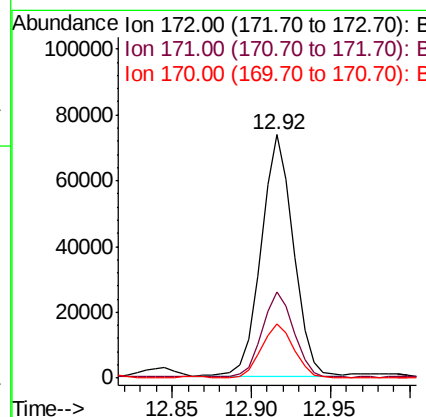
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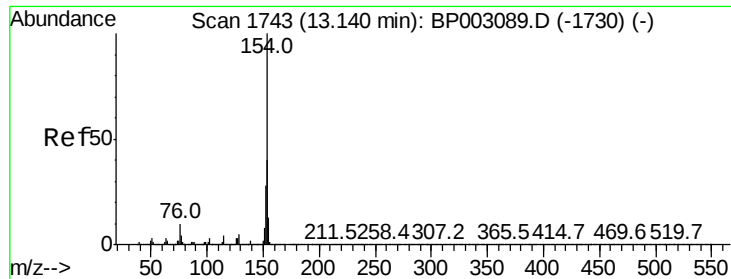
Delta R.T. -0.00 min

Lab File: BP003218.D

Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.5	19.2	28.8





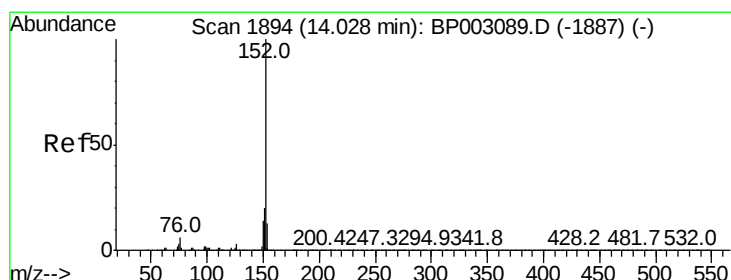
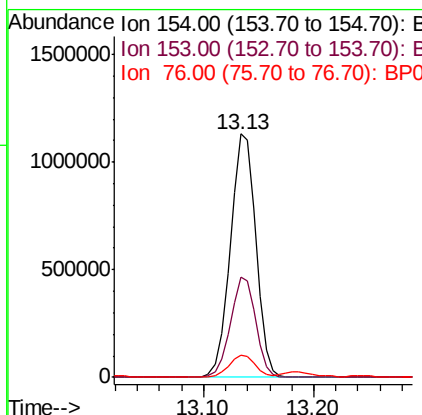
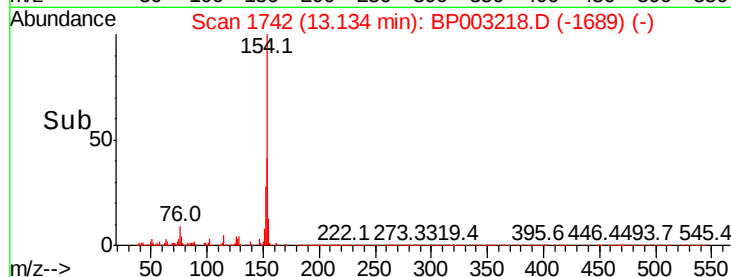
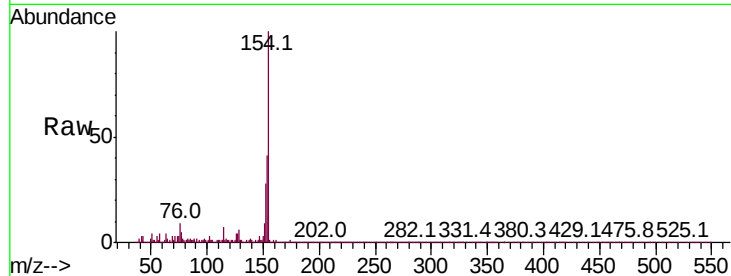
#46
1,1'-Biphenyl
Concen: 36.053 ng
RT: 13.13 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.4	60.4
76	9.2	0.0	29.3

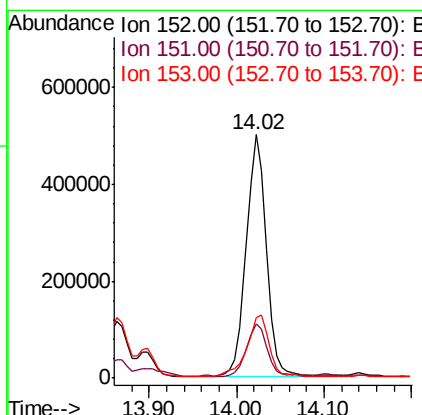
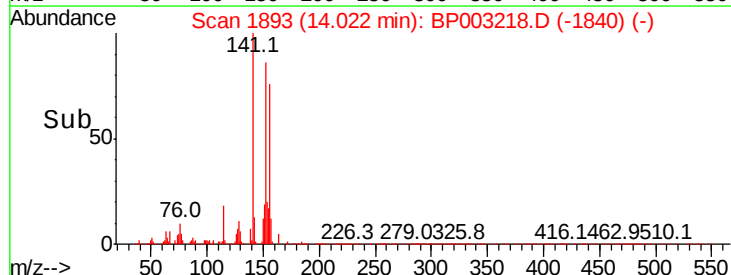
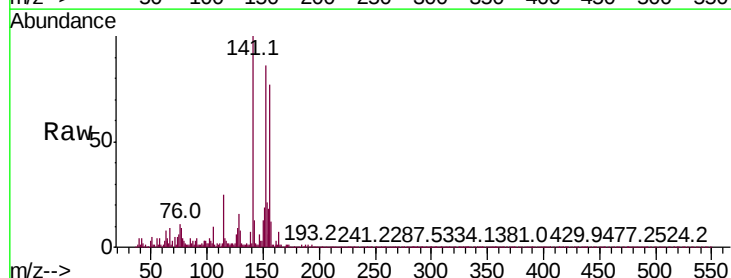
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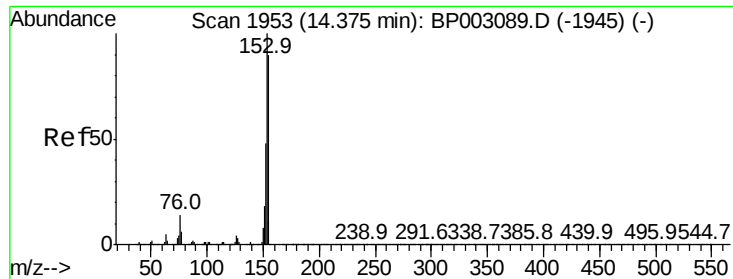
Sohil
9/9/2020 3:48:26 PM



#49
Acenaphthylene
Concen: 12.461 ng
RT: 14.02 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.9	23.9
153	24.9	10.5	15.7#





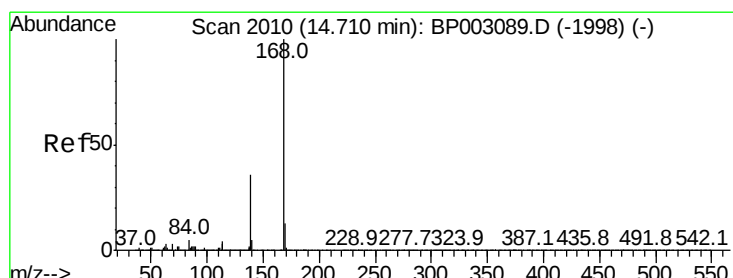
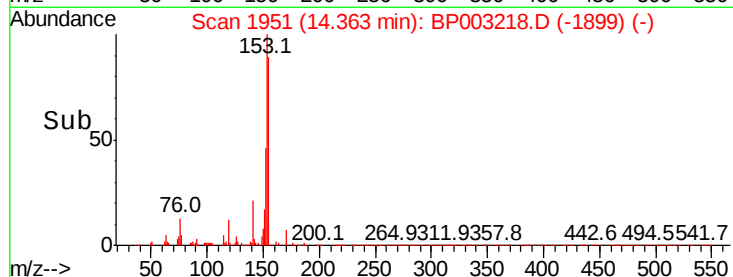
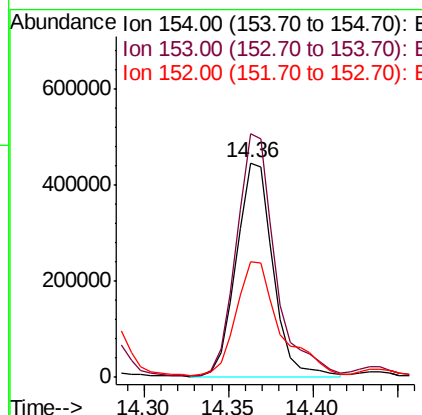
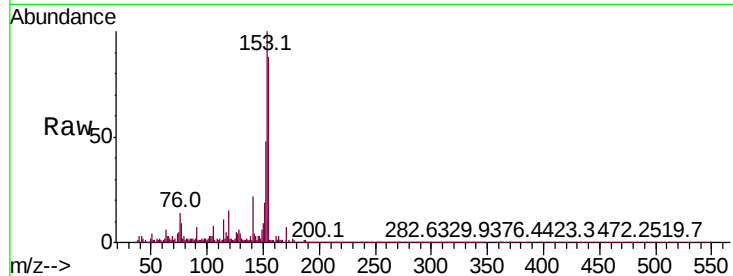
#52
Acenaphthene
Concen: 17.286 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.0	136.6
152	54.2	43.0	64.6

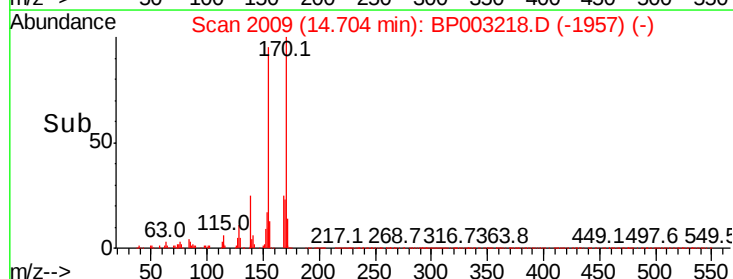
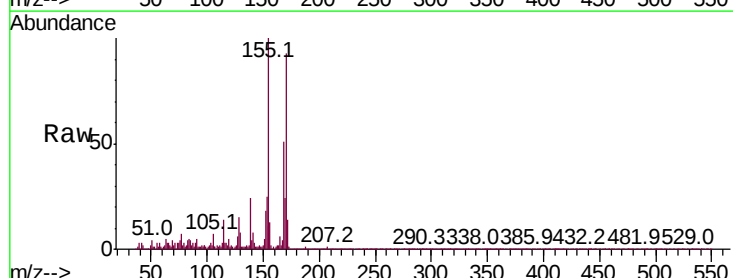
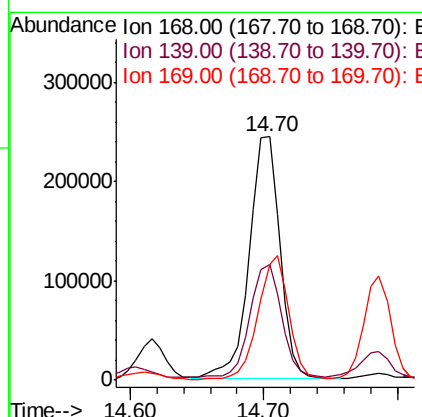
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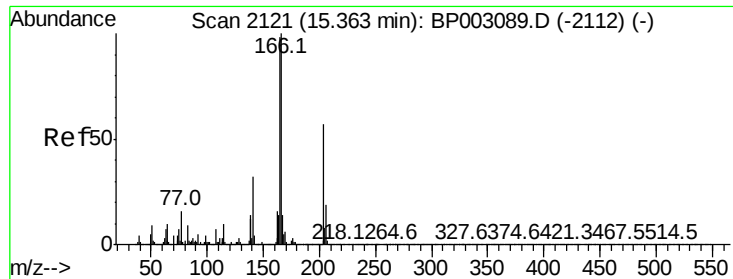
Sohil
9/9/2020 3:48:26 PM



#55
Dibenzofuran
Concen: 6.389 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	47.6	29.1	43.7#
169	47.6	10.4	15.6#





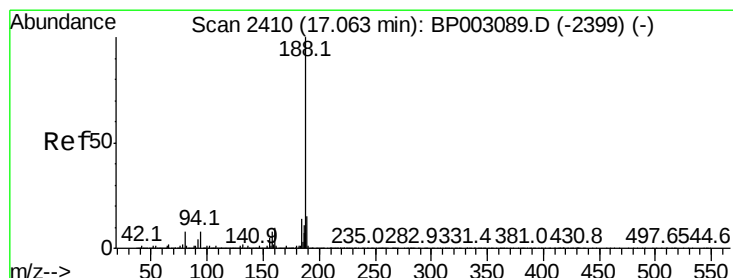
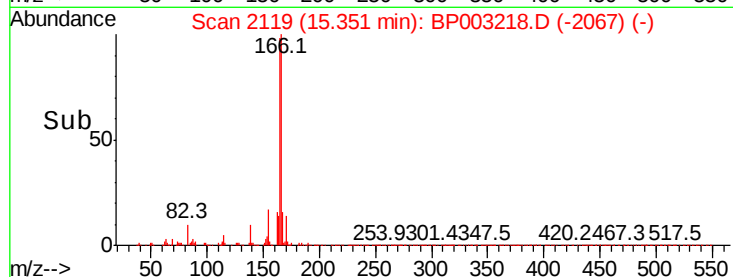
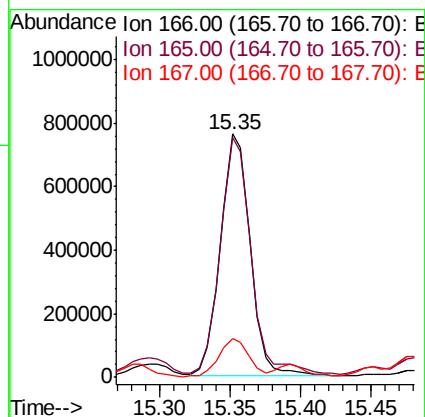
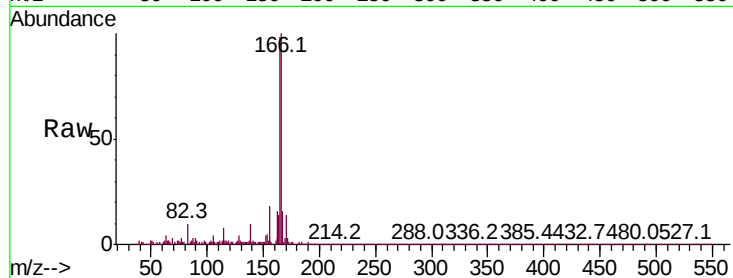
#58
 Fluorene
 Concen: 24.019 ng
 RT: 15.35 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: BP003218.D
 Acq: 04 Sep 2020 18:58

Instrument :
 BNA_P
 ClientSampled :
 TP-1

Tot Ion:166 Resp: 1120233
 Ion Ratio Lower Upper
 166 100
 165 98.4 77.8 116.8
 167 15.7 11.0 16.4

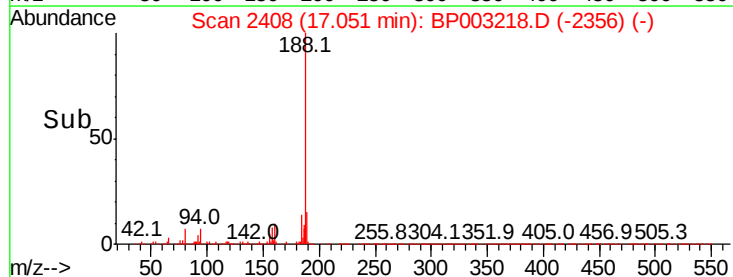
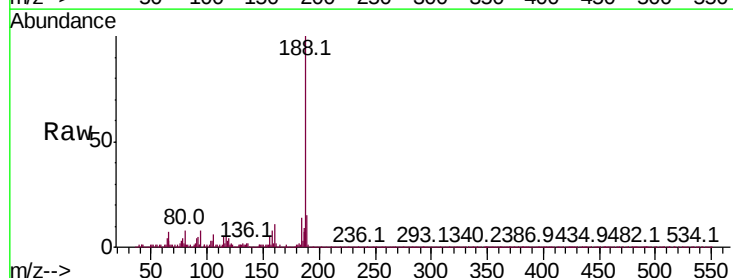
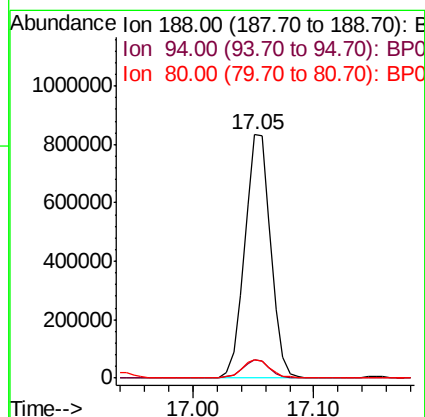
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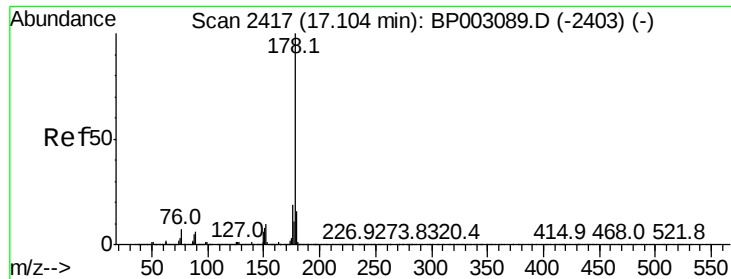
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BP003218.D
 Acq: 04 Sep 2020 18:58

Tgt Ion:188 Resp: 1241849
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.2 9.2
 80 7.8 6.2 9.2





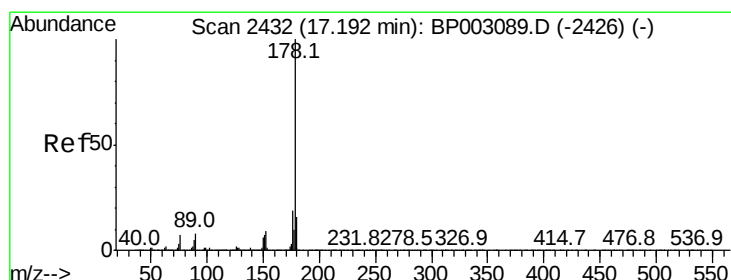
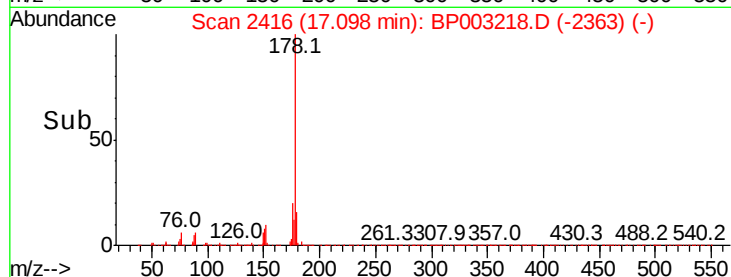
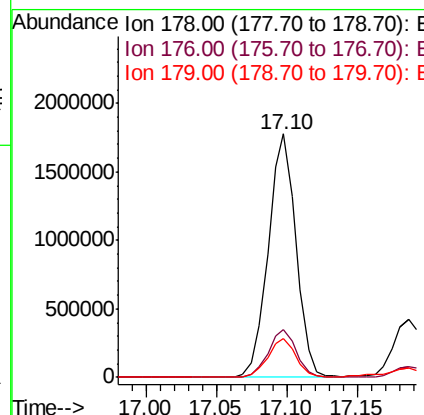
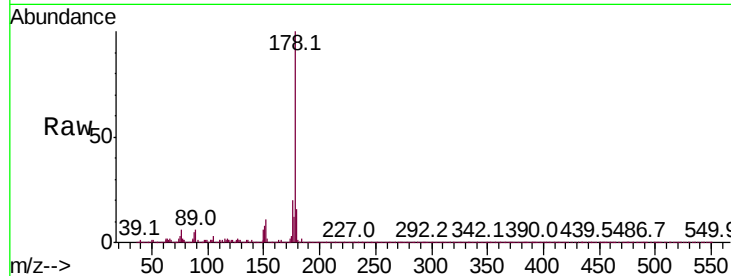
#71
Phenanthrene
Concen: 36.256 ng
RT: 17.10 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.8	12.5	18.7

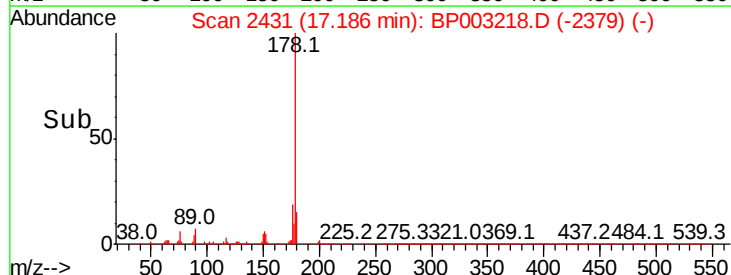
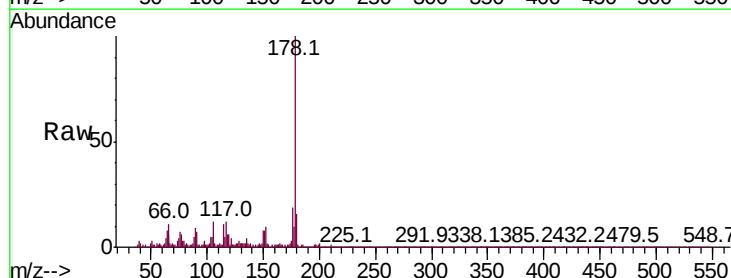
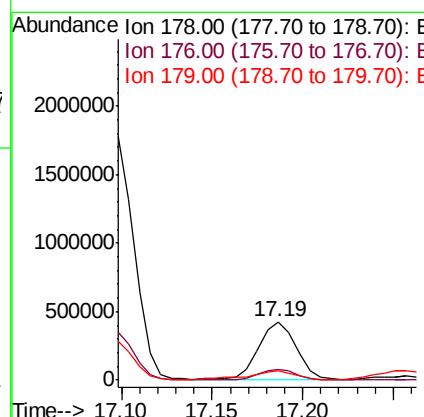
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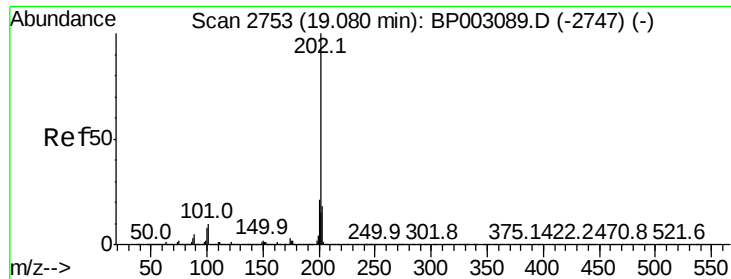
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#72
Anthracene
Concen: 9.267 ng
RT: 17.19 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.9	12.5	18.7





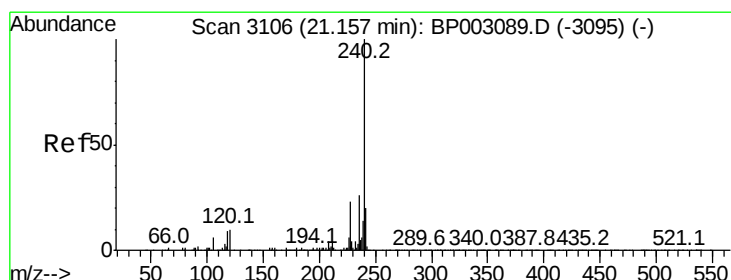
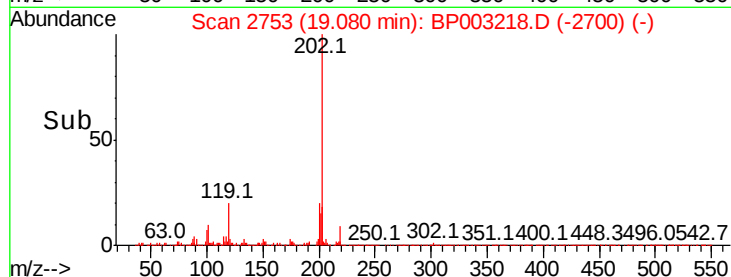
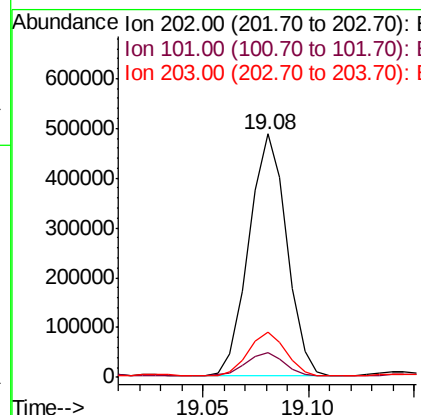
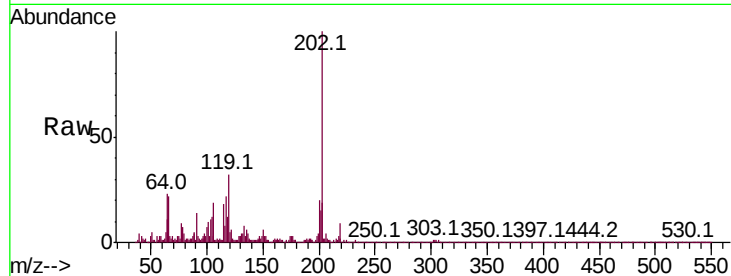
#75
 Fluoranthene
 Concen: 7.771 ng
 RT: 19.08 min Scan# 2753
 Delta R.T. 0.01 min
 Lab File: BP003218.D
 Acq: 04 Sep 2020 18:58

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	29.4
203	18.6	0.0	37.8

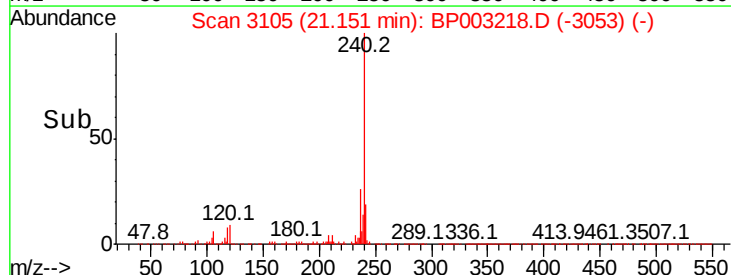
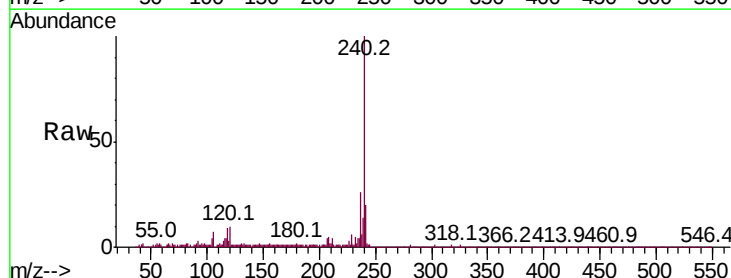
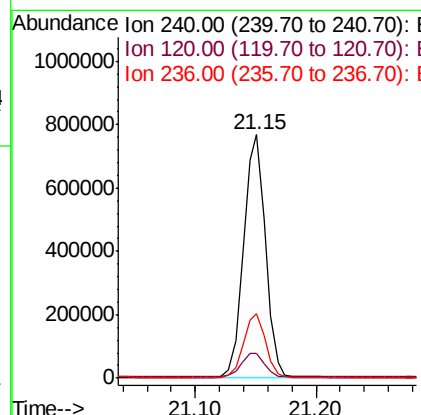
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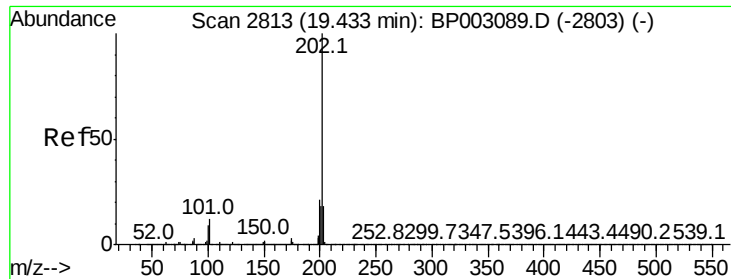
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3105
 Delta R.T. 0.01 min
 Lab File: BP003218.D
 Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	7.8	11.6
236	26.5	20.8	31.2





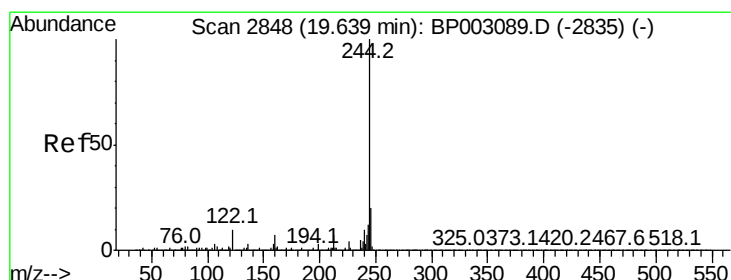
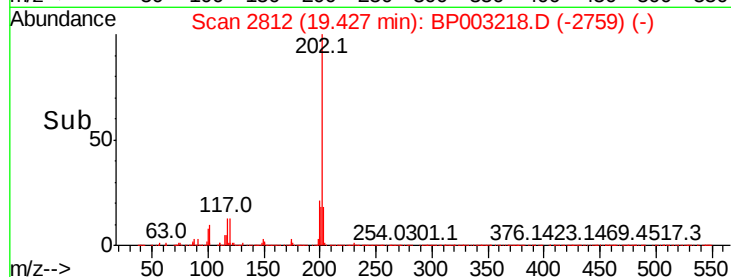
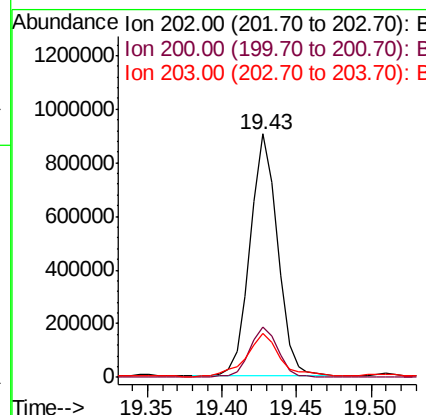
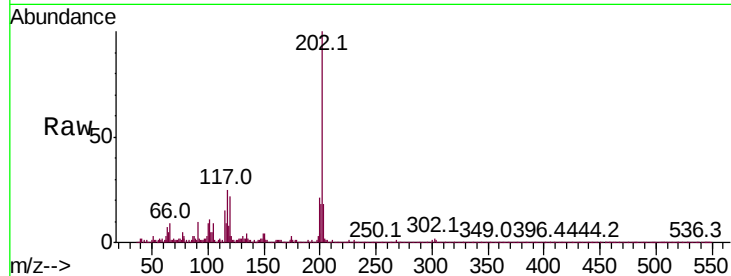
#78
Pvrene
Concen: 18.368 ng
RT: 19.43 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.9	14.2	21.2

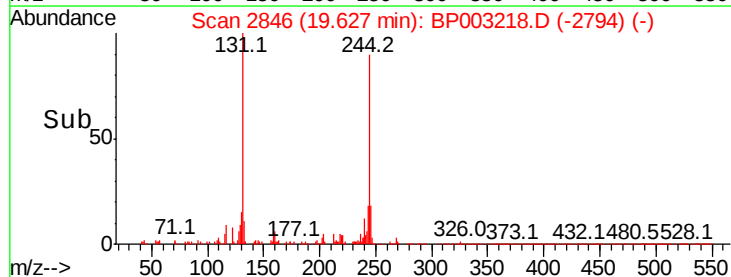
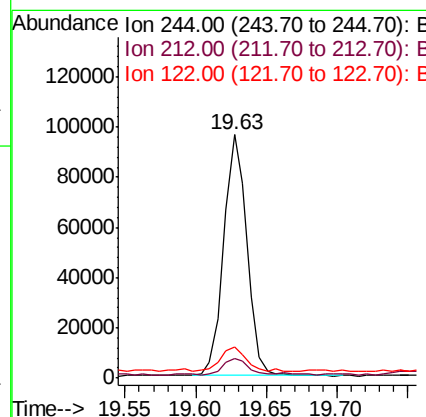
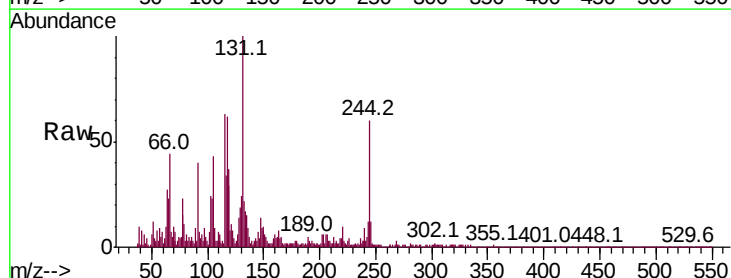
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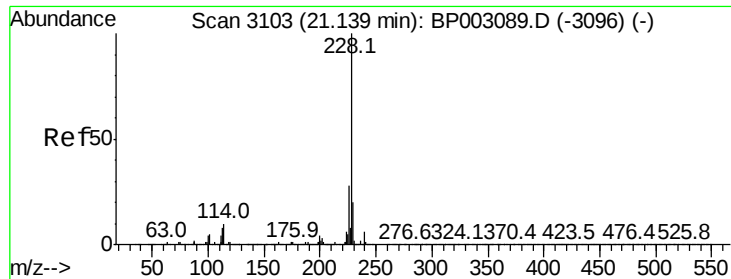
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#79
Terphenyl-d14
Concen: 2.497 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.6
122	12.6	7.8	11.8





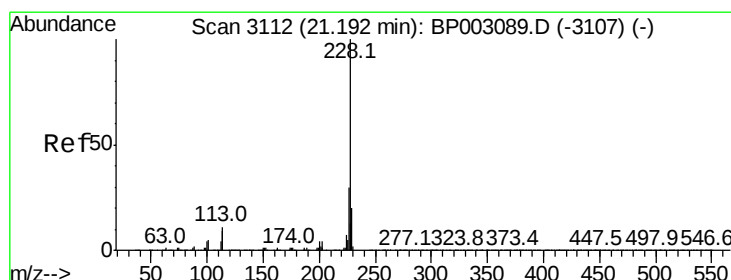
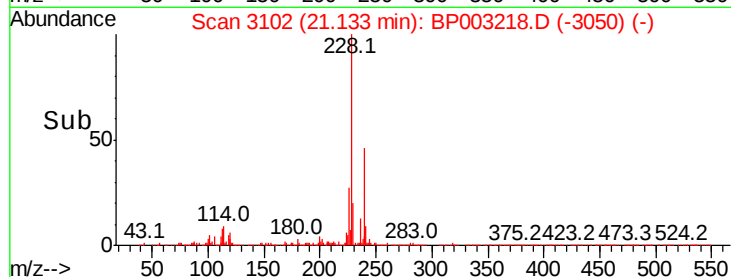
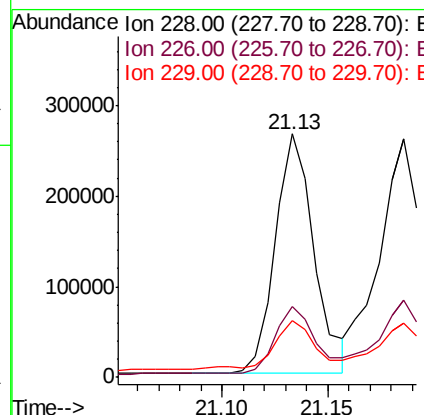
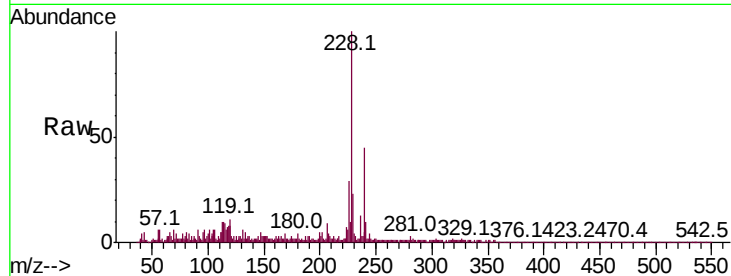
#81
Benzo(a)anthracene
Concen: 5.635 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion:	228	Resp:	340481
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.1	33.1
229	23.1	15.9	23.9

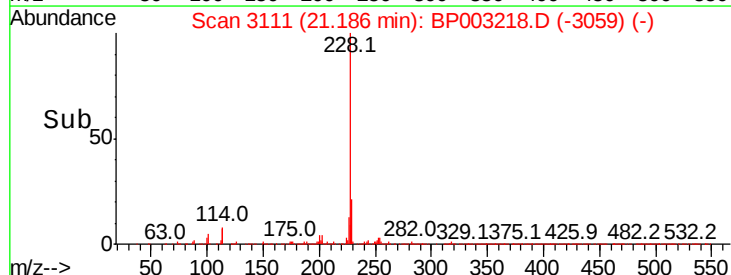
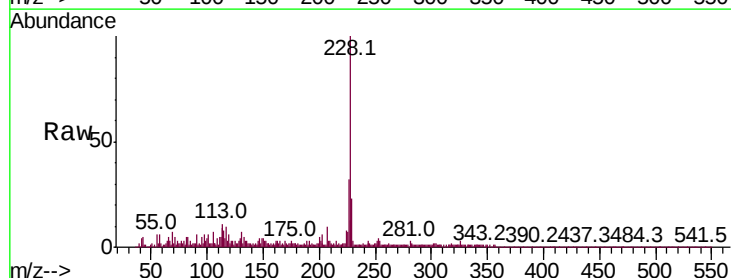
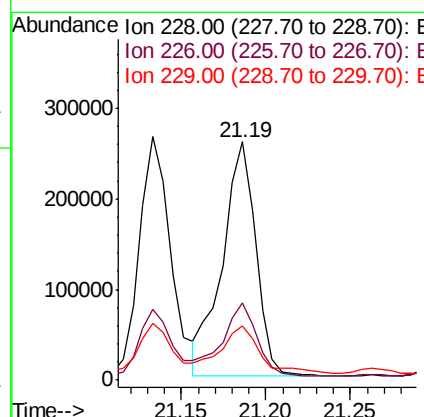
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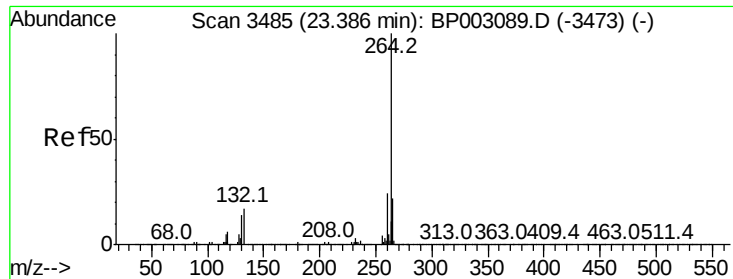
Sohil
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#83
Chrysene
Concen: 6.197 ng
RT: 21.19 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion:	228	Resp:	358510
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.4	36.6
229	22.8	15.8	23.6





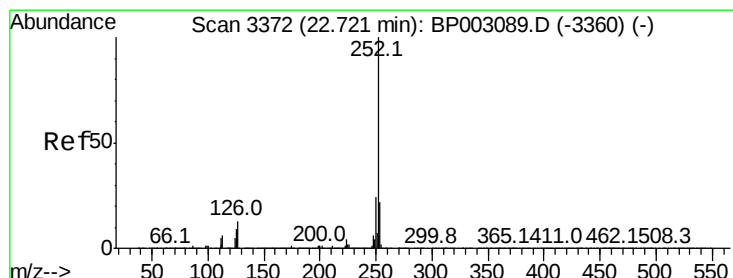
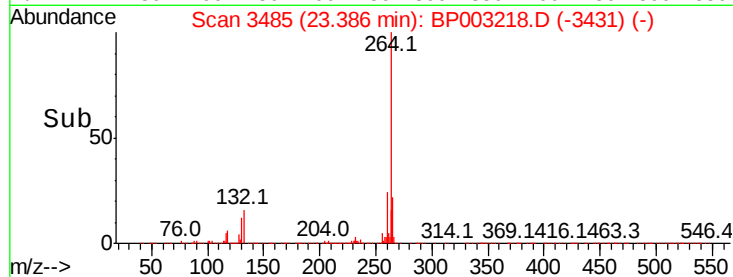
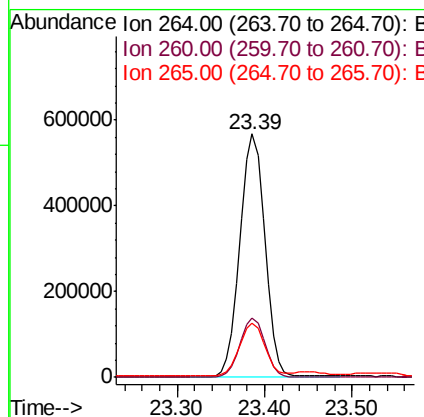
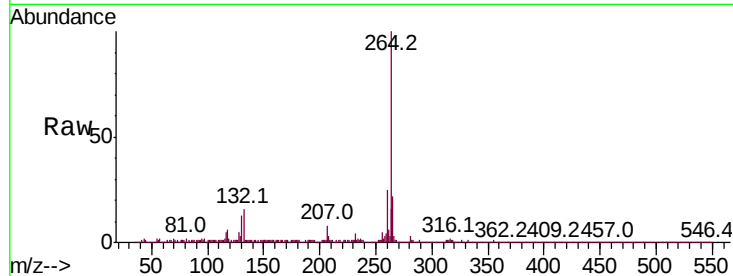
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3485
Delta R.T. 0.02 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.4	17.4	26.2

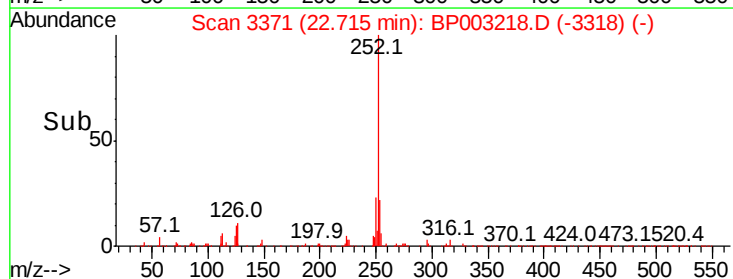
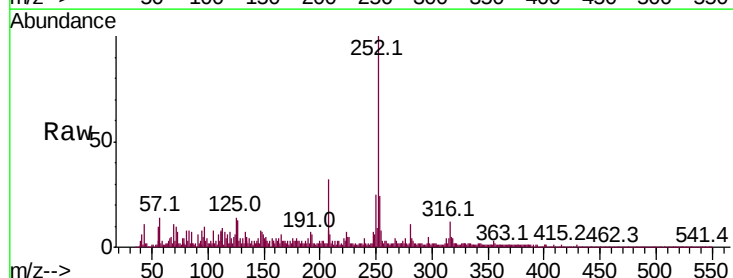
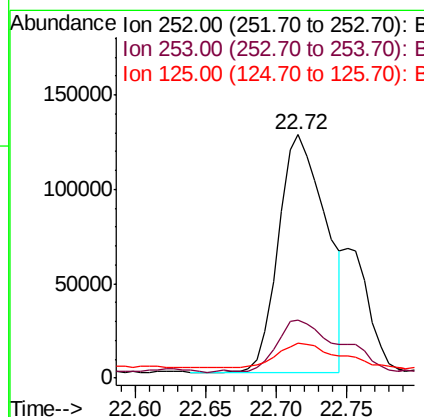
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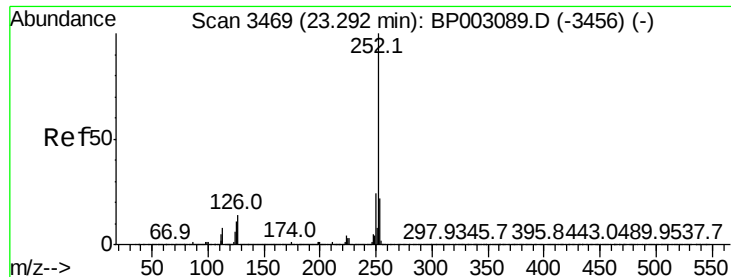
Sohil
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#88
Benzo(b)fluoranthene
Concen: 4.420 ng m
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	14.4	7.3	10.9





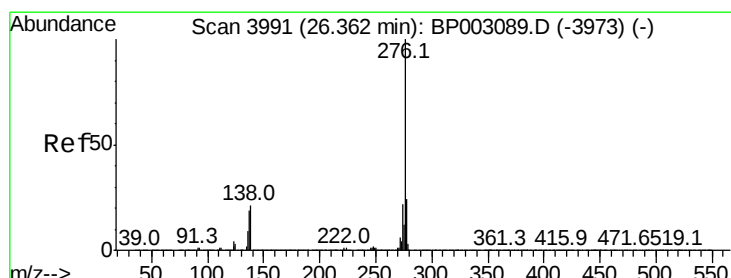
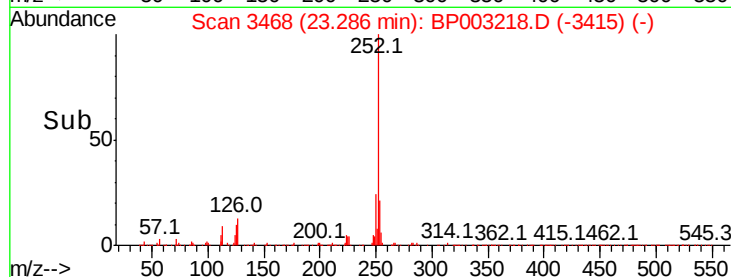
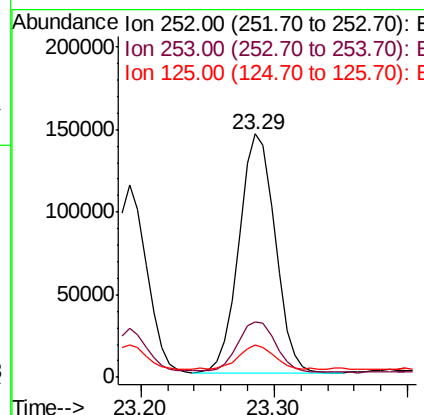
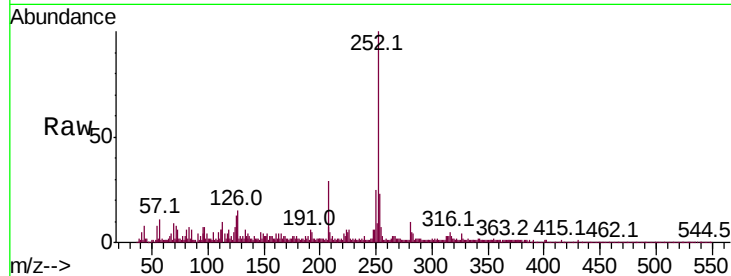
#90
Benzo(a)pyrene
Concen: 4.332 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	17.4	26.0
125	13.2	8.2	12.4

Manual Integrations
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9/9/2020 3:48:26 PM



#92
Benzo(g,h,i)perylene
Concen: 2.891 ng
RT: 26.35 min Scan# 3989
Delta R.T. 0.02 min
Lab File: BP003218.D
Acq: 04 Sep 2020 18:58

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.2	19.0	28.6
138	20.3	16.6	24.8

