

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003278.D
 Acq On : 14 Sep 2020 20:39
 Operator : CG/JU
 Sample : L3981-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B20-0-2

Manual Integrations
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Quant Time: Sep 15 04:30:47 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	7.64	152	212008	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	828062	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	472617	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	870235	20.00	ng	0.00
76) Chrysene-d12	21.13	240	684660	20.00	ng	-0.01
86) Perylene-d12	23.37	264	830651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1032480	86.10	ng	0.00
7) Phenol-d6	6.84	99	1239008	82.43	ng	0.00
23) Nitrobenzene-d5	8.79	82	768584	66.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	541939	84.78	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	2035802	63.08	ng	-0.01
79) Terphenyl-d14	19.62	244	1957686	62.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	250518	6.951	ng	Qvalue 100
71) Phenanthrene	17.08	178	192805	4.089	ng	99
75) Fluoranthene	19.06	202	519459	9.531	ng	100
78) Pyrene	19.41	202	493346	11.102	ng	99
81) Benzo(a)anthracene	21.12	228	283850	6.619	ng	99
83) Chrysene	21.17	228	280641m	6.835	ng	
87) Indeno(1,2,3-cd)pyrene	25.64	276	274216	4.427	ng	96
88) Benzo(b)fluoranthene	22.70	252	456884m	8.850	ng	
89) Benzo(k)fluoranthene	22.74	252	147903m	2.998	ng	
90) Benzo(a)pyrene	23.27	252	331723	6.926	ng	# 94
92) Benzo(g,h,i)perylene	26.33	276	270735	5.301	ng	98

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

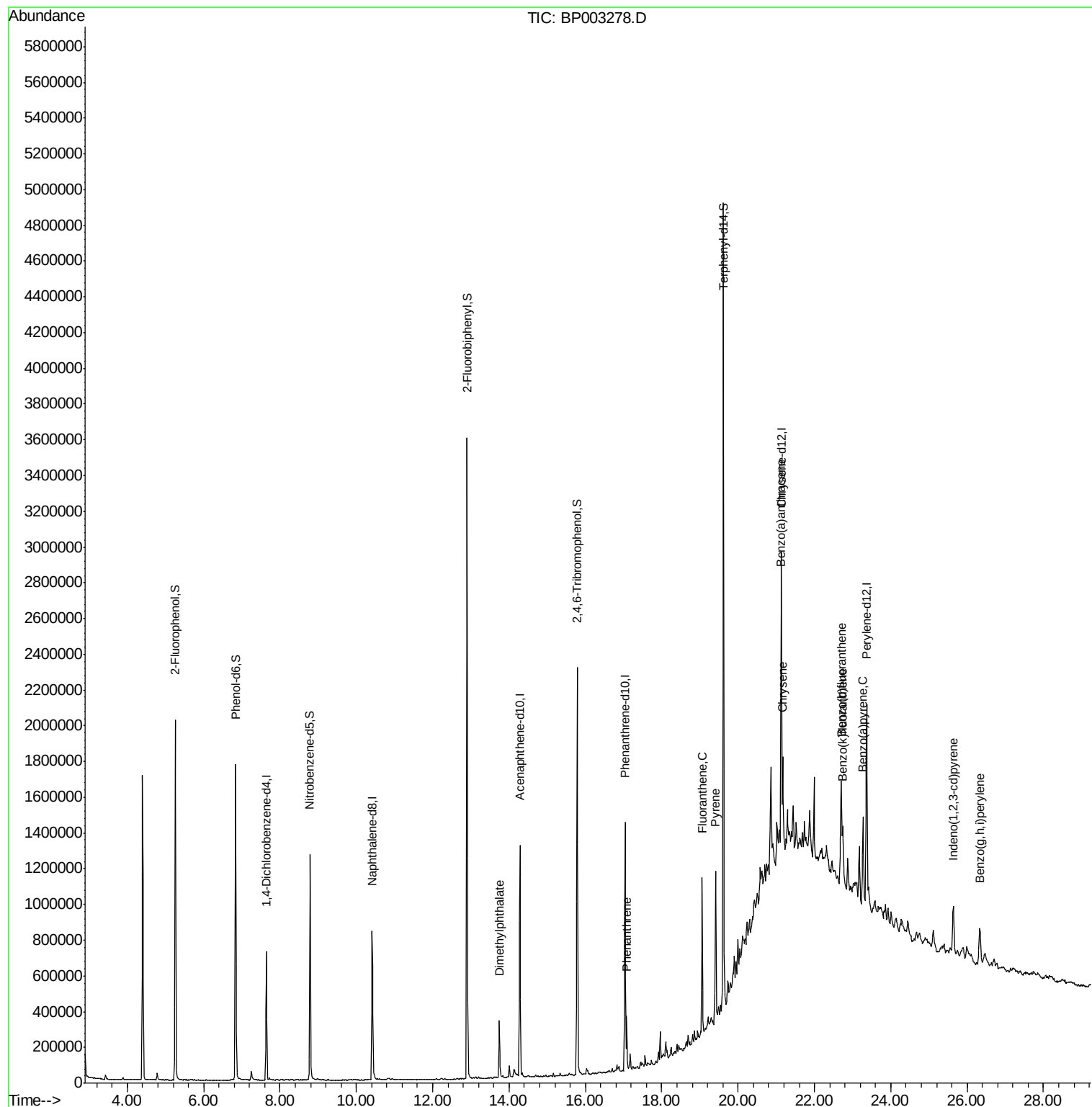
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003278.D
Acq On : 14 Sep 2020 20:39
Operator : CG/JU
Sample : L3981-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

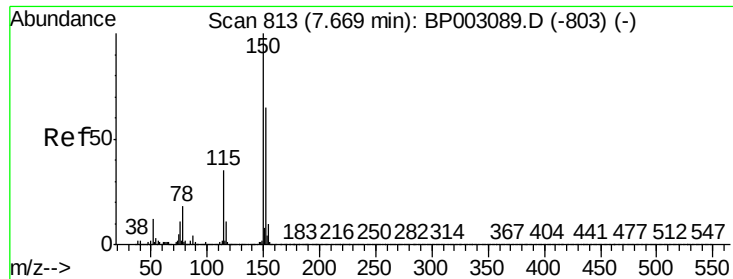
Instrument :
BNA_P
ClientSampleId :
B20-0-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
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QLast Update : Tue Sep 01 14:37:05 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.64 min Scan# 808

Delta R.T. -0.01 min

Lab File: BP003278.D

Acq: 14 Sep 2020 20:39

Instrument :

BNA_P

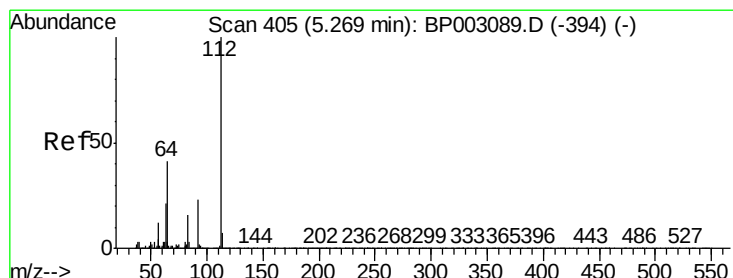
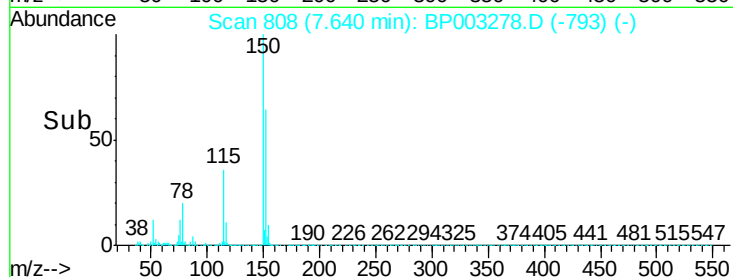
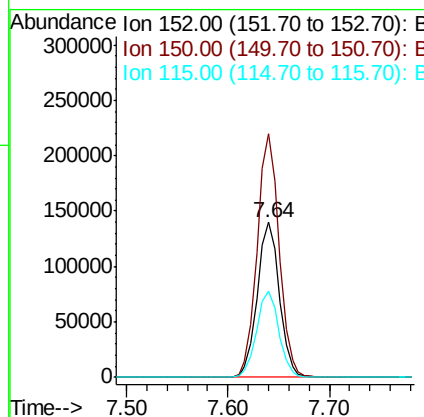
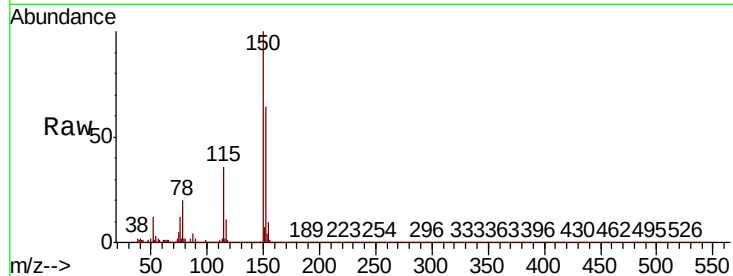
ClientSampled :

B20-0-2

Tot Ion:	152	Resp:	212008
Ion Ratio	Lower	Upper	
152	100		
150	157.1	123.8	185.6
115	55.9	43.8	65.6

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#5

2-Fluorophenol

Concen: 86.103 ng

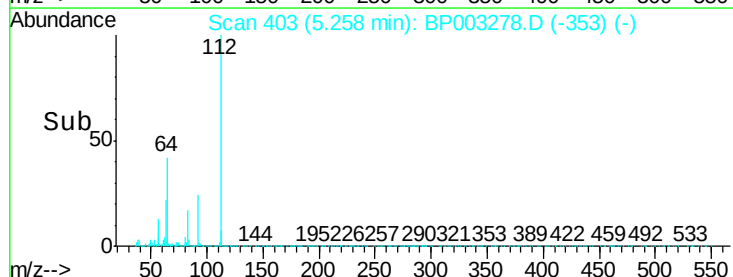
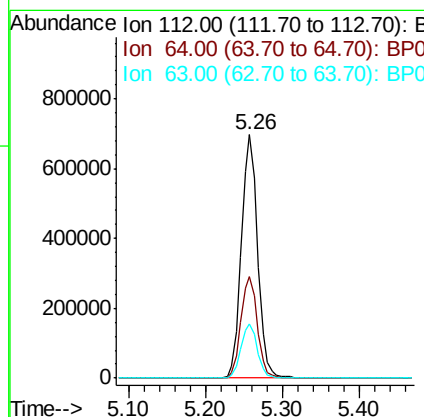
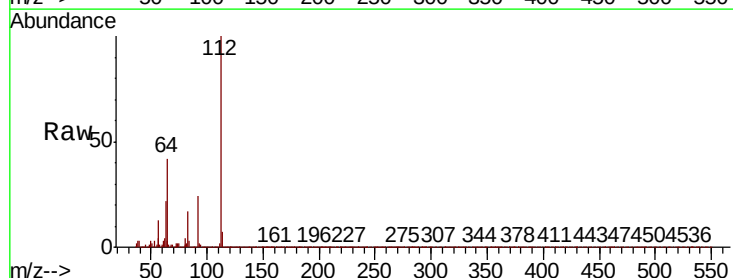
RT: 5.26 min Scan# 403

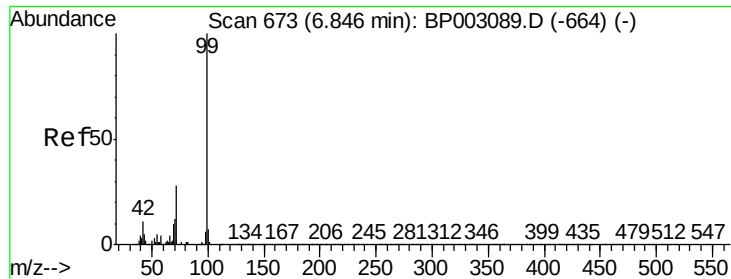
Delta R.T. -0.01 min

Lab File: BP003278.D

Acq: 14 Sep 2020 20:39

Tgt Ion:	112	Resp:	1032480
Ion Ratio	Lower	Upper	
112	100		
64	41.9	32.8	49.2
63	22.3	17.0	25.4





#7

Phenol-d6

Concen: 82.426 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003278.D

Acq: 14 Sep 2020 20:39

Instrument :

BNA_P

ClientSampled :

B20-0-2

Tot Ion: 99 Resp: 1239008

Ion Ratio Lower Upper

99 100

42 11.2 8.6 13.0

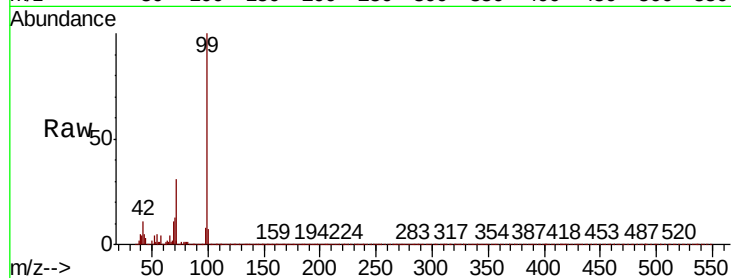
71 31.0 23.4 35.2

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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

1000000

800000

600000

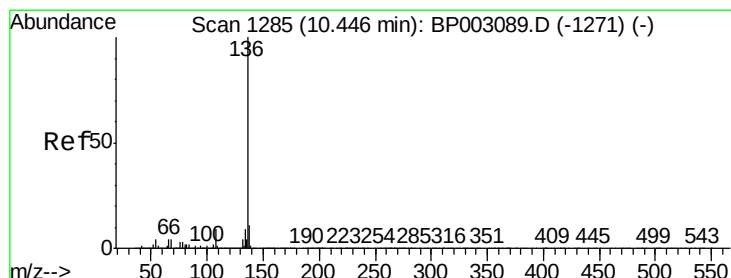
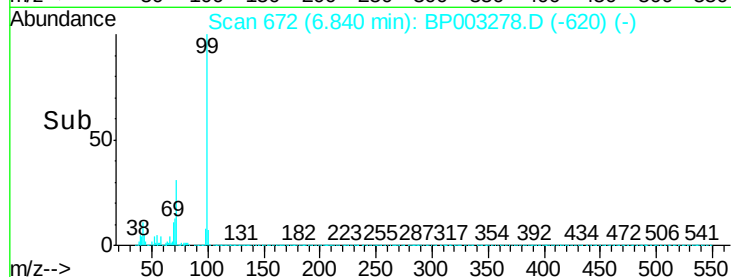
400000

200000

0

6.70 6.80 6.90 7.00 7.10

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BP003278.D

Acq: 14 Sep 2020 20:39

Tgt Ion: 136 Resp: 828062

Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 4.9 3.6 5.4

68 4.4 3.3 4.9

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

600000

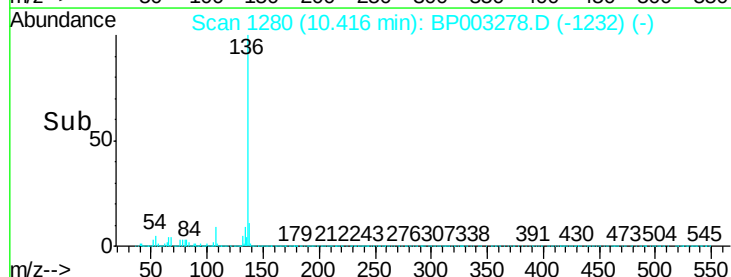
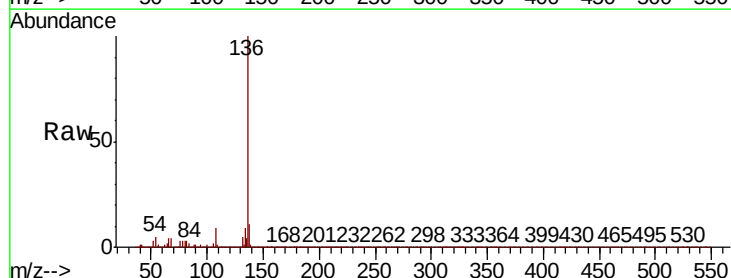
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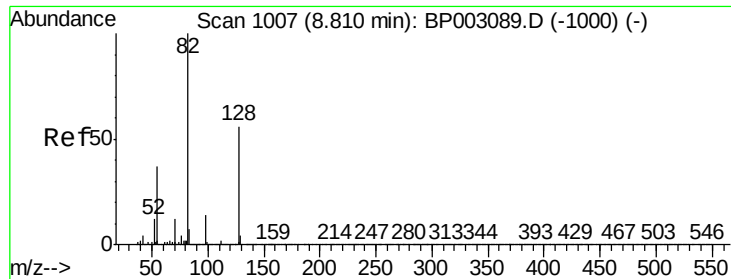
200000

0

10.30 10.40 10.50 10.60

Time-->





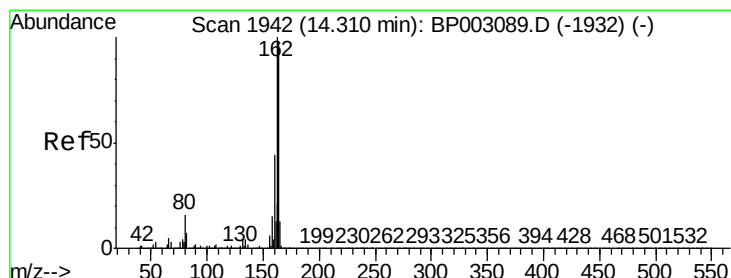
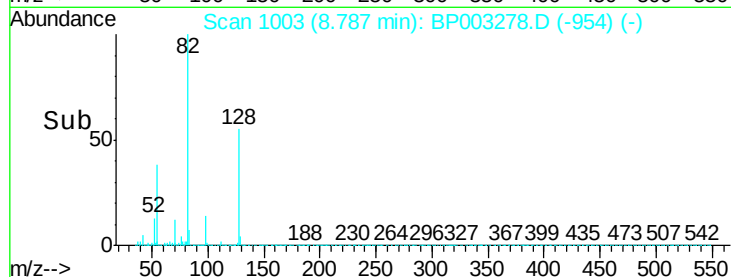
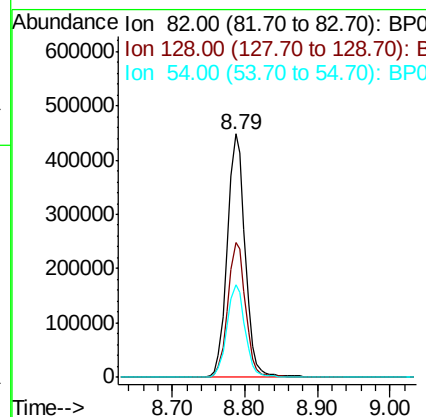
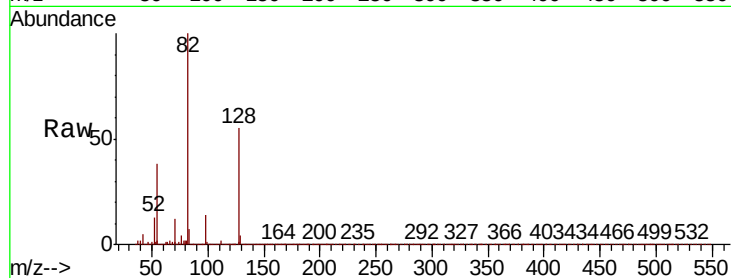
#23
Nitrobenzene-d5
Concen: 66.912 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Instrument :
BNA_P
ClientSampleId :
B20-0-2

Tot Ion	82	Resp	768584
Ion Ratio	Lower	Upper	
82	100		
128	55.2	45.6	68.4
54	38.2	30.1	45.1

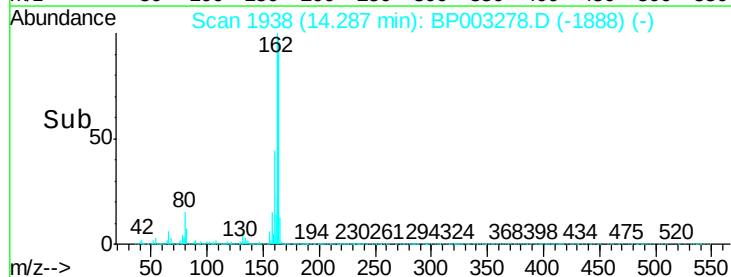
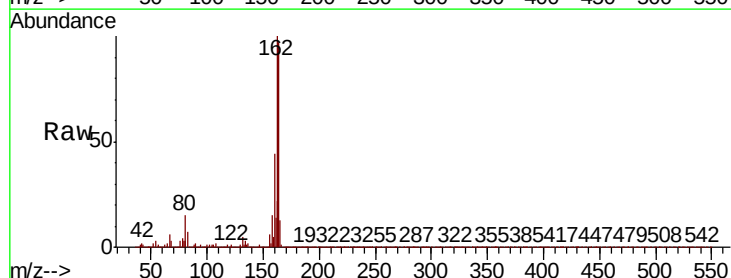
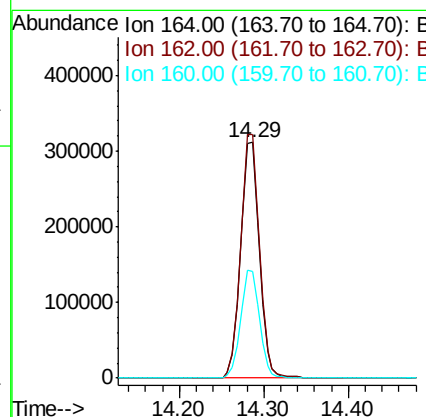
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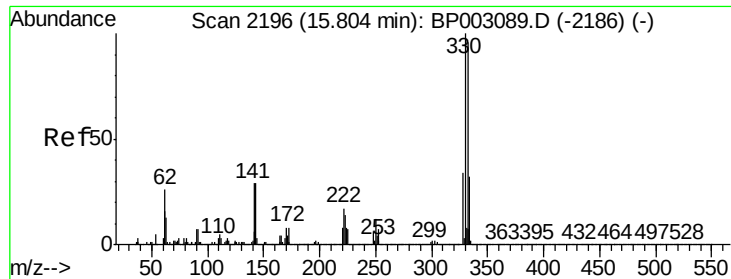
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Tgt Ion	164	Resp	472617
Ion Ratio	Lower	Upper	
164	100		
162	103.2	79.4	119.2
160	45.2	36.1	54.1





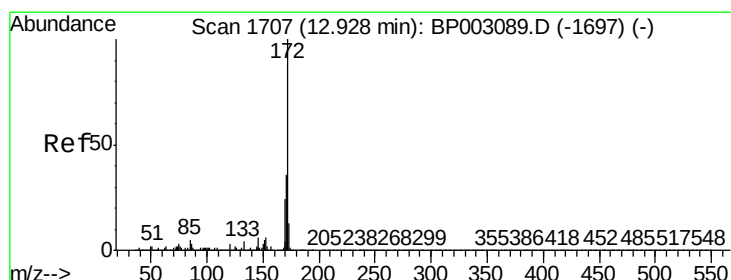
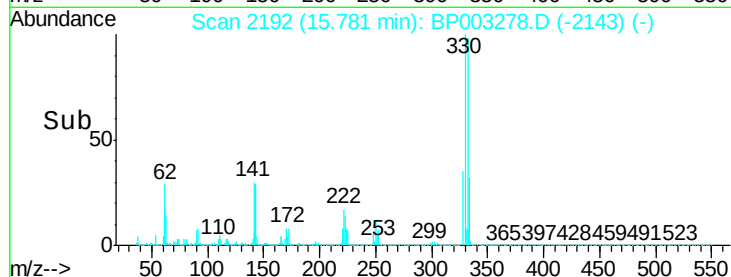
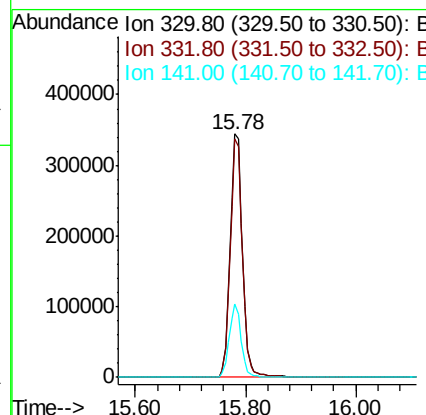
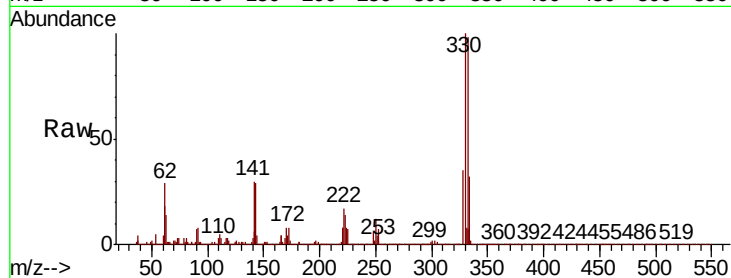
#42
2,4,6-Tribromophenol
Concen: 84.784 ng
RT: 15.78 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Instrument :
BNA_P
ClientSampleId :
B20-0-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	541939		
332	97.0		77.1	115.7
141	29.2		23.4	35.2

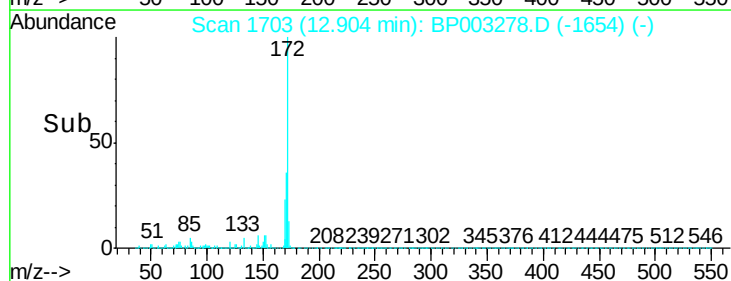
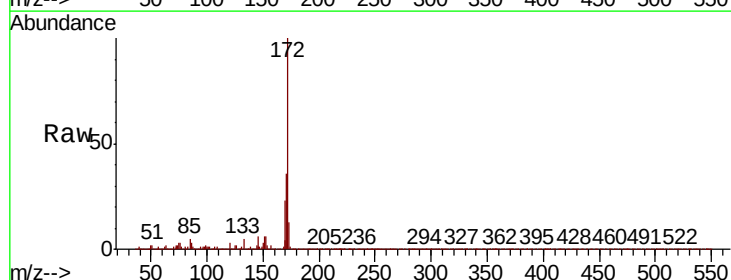
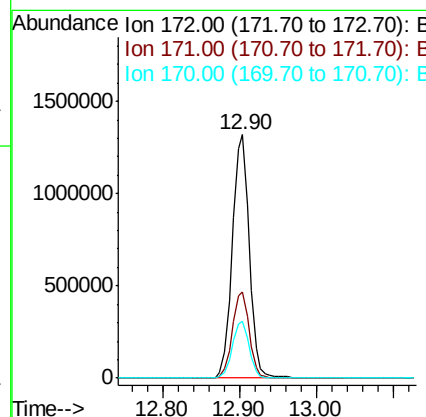
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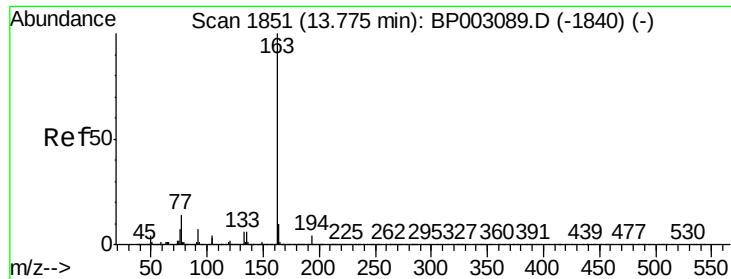
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#45
2-Fluorobiphenyl
Concen: 63.081 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2035802		
171	35.6		28.5	42.7
170	23.5		19.2	28.8





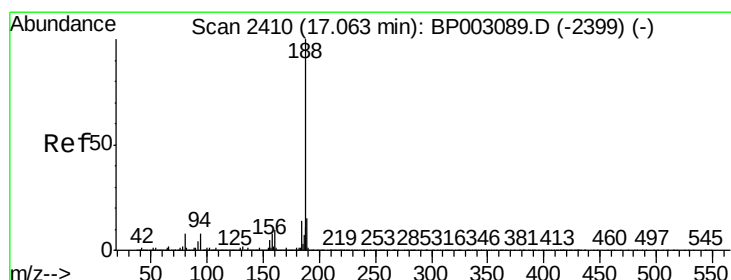
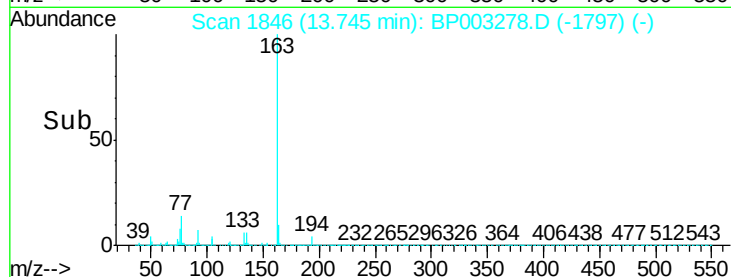
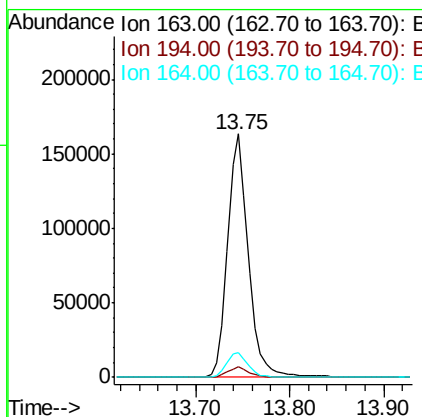
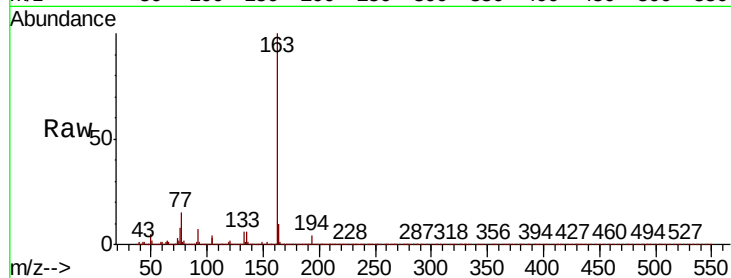
#50
Dimethylphthalate
Concen: 6.951 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Instrument :
BNA_P
ClientSampleId :
B20-0-2

Tot Ion:	163	Resp:	250518
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.0	8.2	12.2

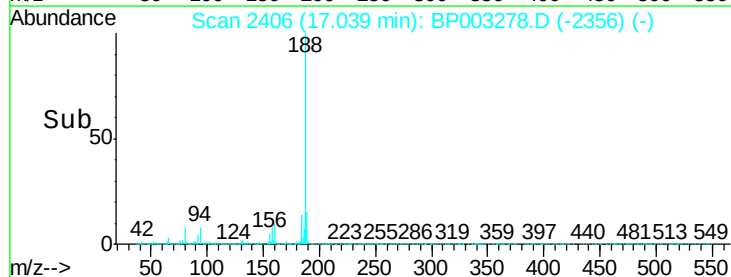
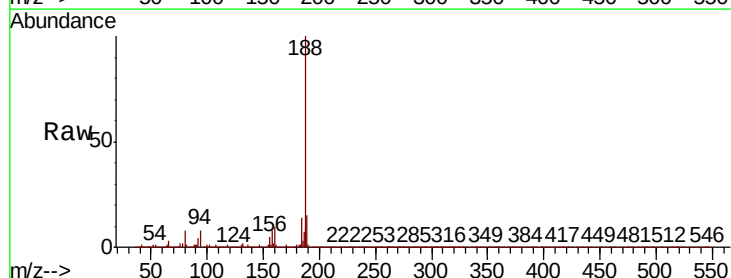
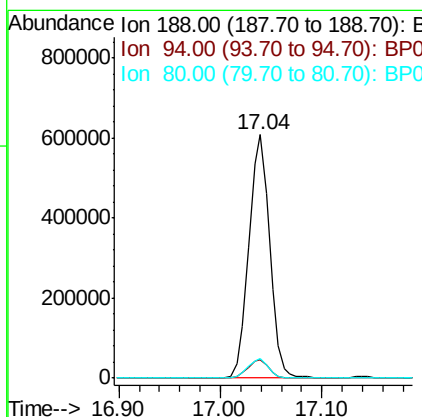
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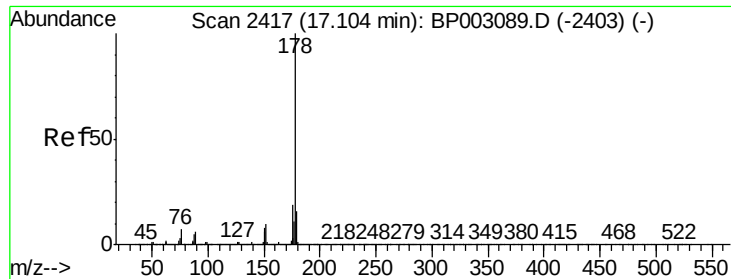
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Tgt Ion:	188	Resp:	870235
Ion Ratio	Lower	Upper	
188	100		
94	7.7	6.2	9.2
80	7.9	6.2	9.2





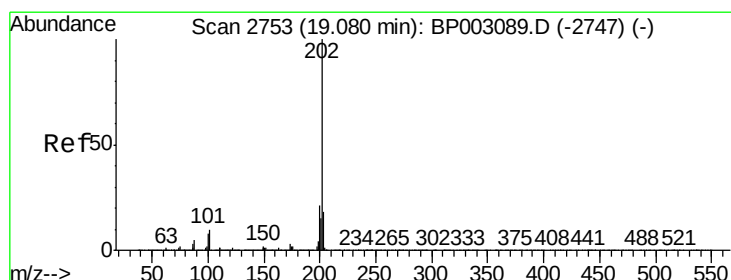
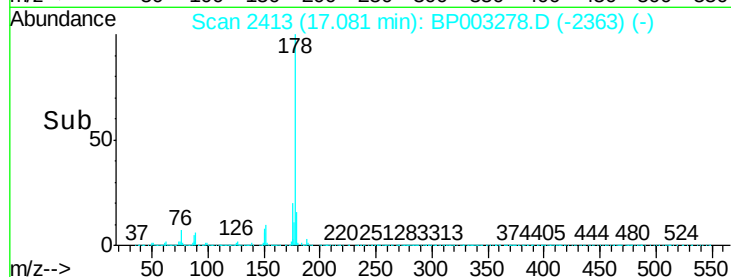
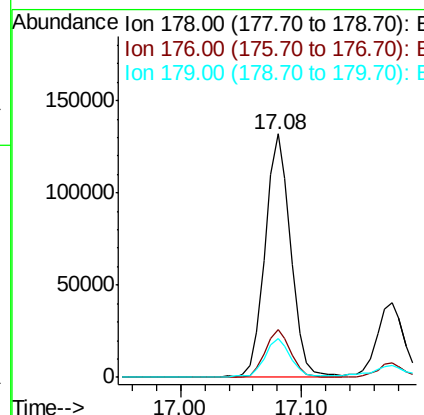
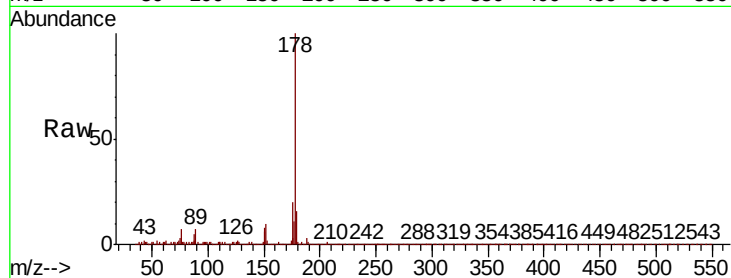
#71
Phenanthrene
Concen: 4.089 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Instrument :
BNA_P
ClientSampleId :
B20-0-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		192805		
176	19.7	15.3	22.9		
179	15.7	12.5	18.7		

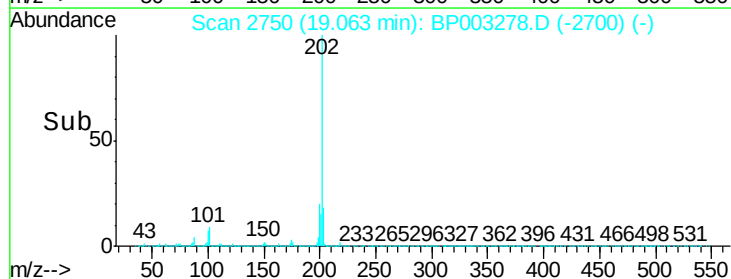
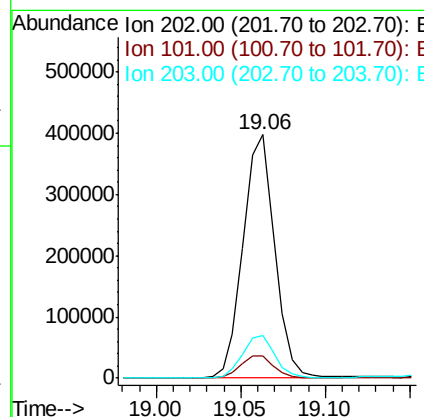
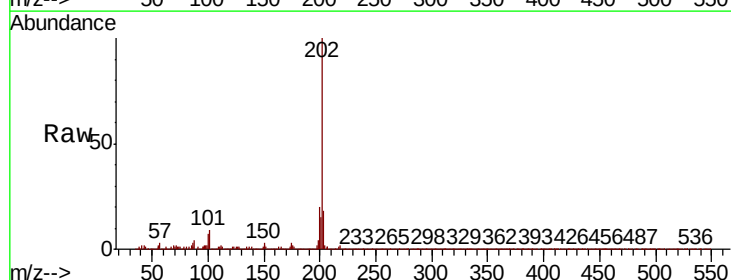
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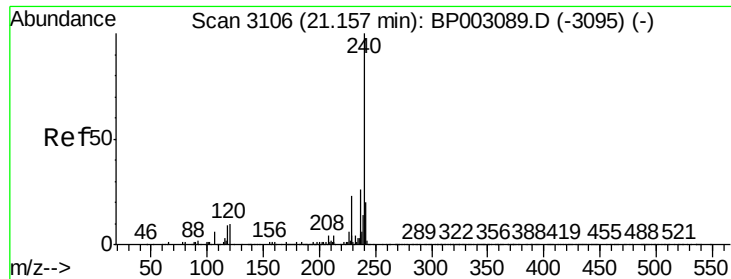
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#75
Fluoranthene
Concen: 9.531 ng
RT: 19.06 min Scan# 2750
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		519459		
101	9.1	0.0	29.4		
203	17.7	0.0	37.8		





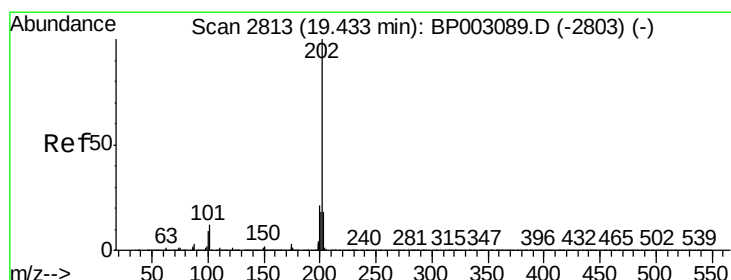
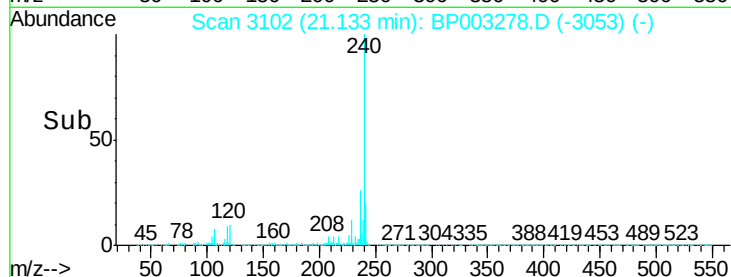
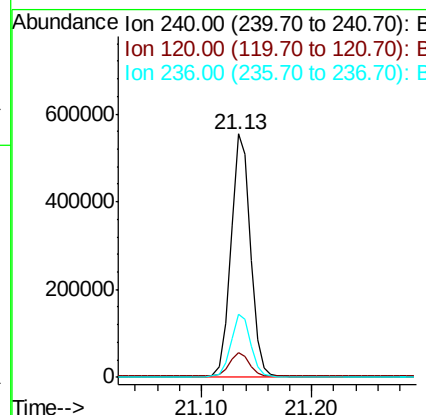
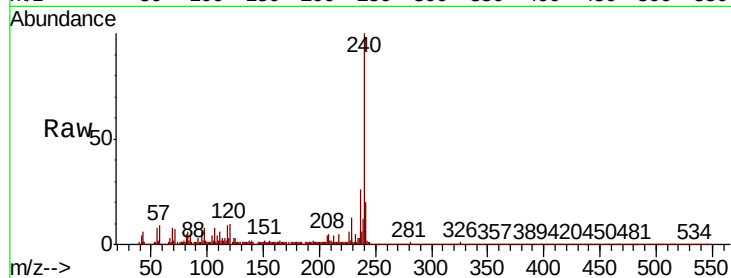
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Instrument :
BNA_P
ClientSampleId :
B20-0-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.8	11.6
236	26.1	20.8	31.2

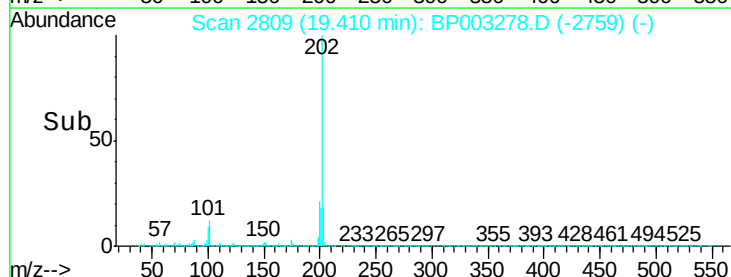
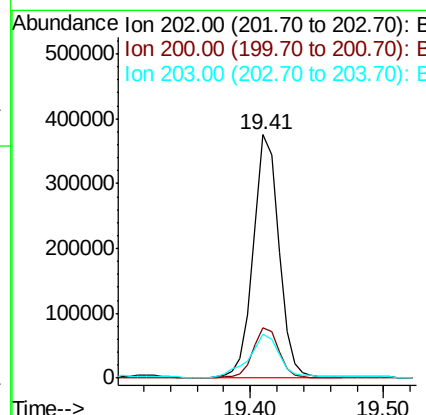
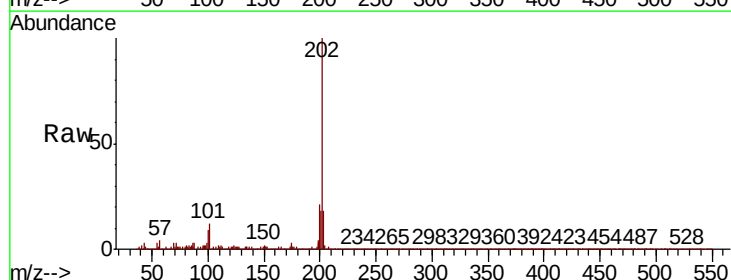
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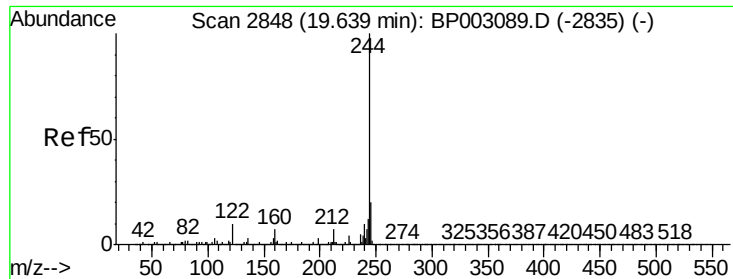
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#78
Pyrene
Concen: 11.102 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	18.3	14.2	21.2





#79

Terphenyl-d14

Concen: 62.918 ng

RT: 19.62 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BP003278.D

Acq: 14 Sep 2020 20:39

Instrument :

BNA_P

ClientSampleId :

B20-0-2

Tot Ion:244 Resp: 1957686

Ion Ratio Lower Upper

244 100

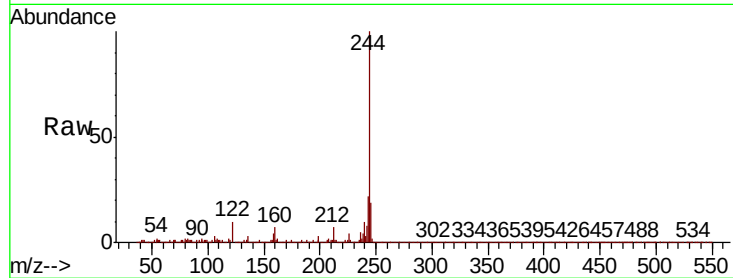
212 7.3 5.8 8.6

122 9.7 7.8 11.8

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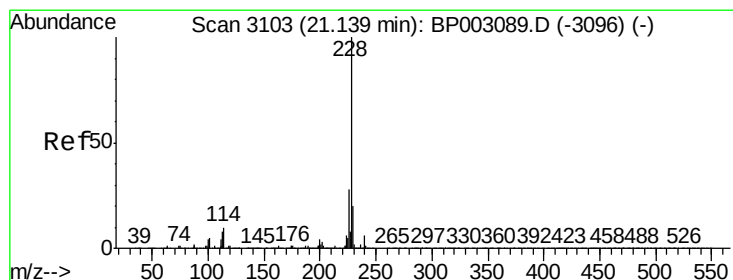
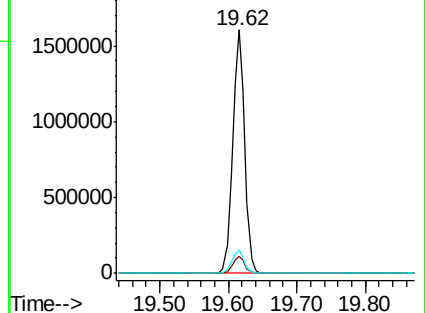
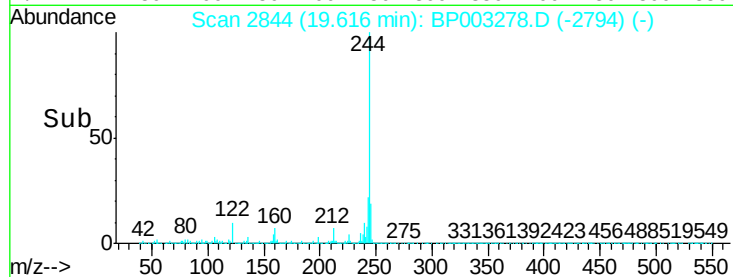
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 6.619 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BP003278.D

Acq: 14 Sep 2020 20:39

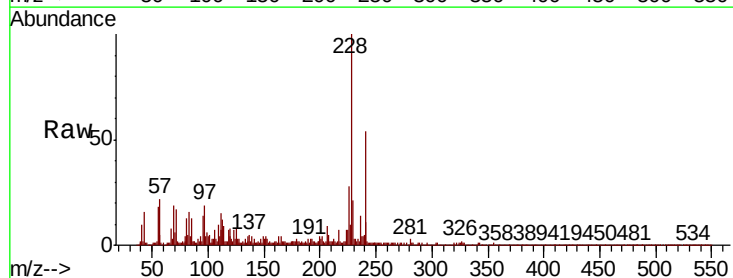
Tgt Ion:228 Resp: 283850

Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

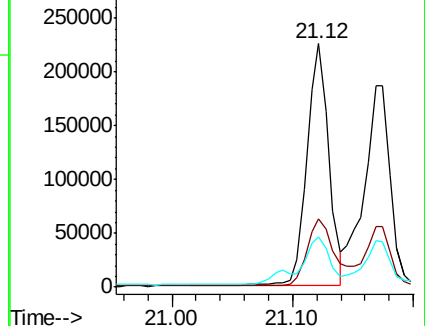
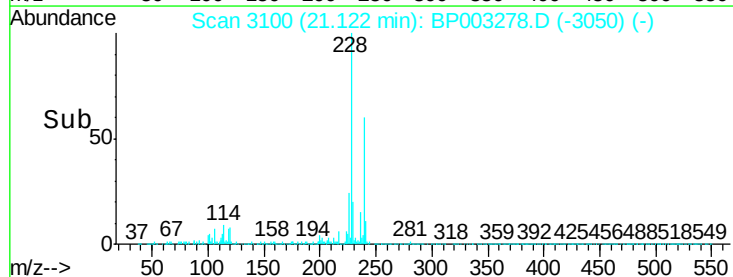
229 20.7 15.9 23.9

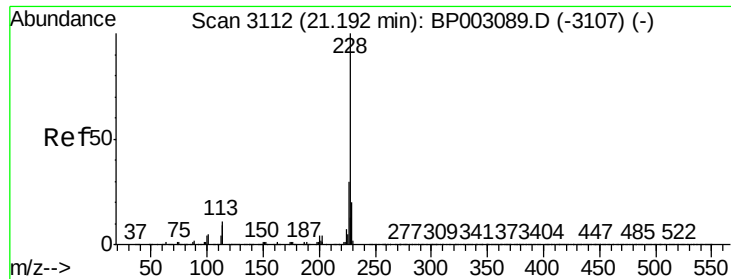


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





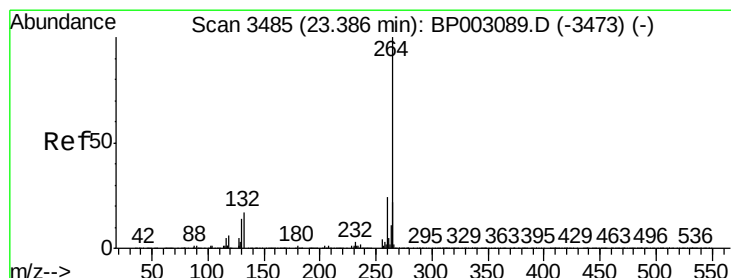
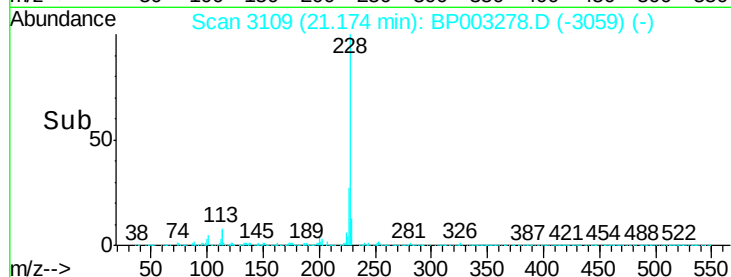
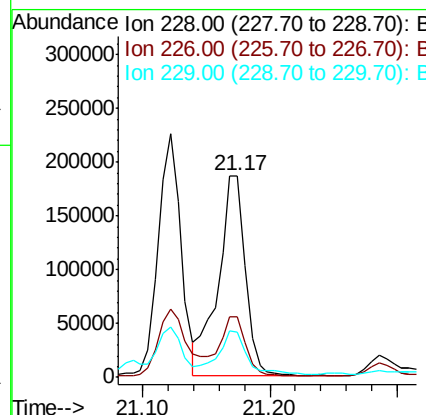
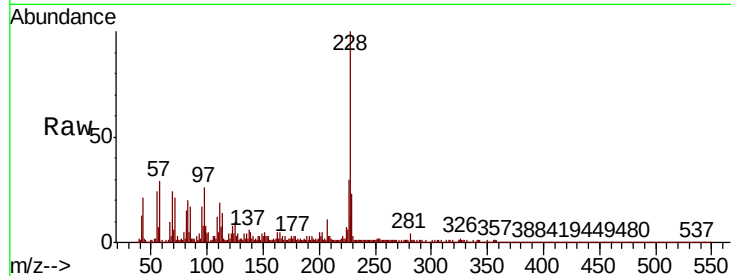
#83
Chrysene
Concen: 6.835 ng/ml
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Instrument :
BNA_P
ClientSampleId :
B20-0-2

Tot Ion:	228	Resp:	280641
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.4	36.6
229	22.5	15.8	23.6

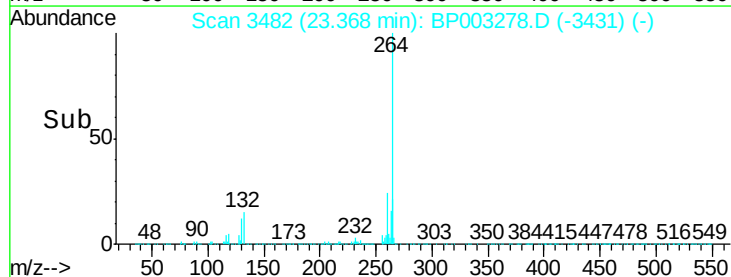
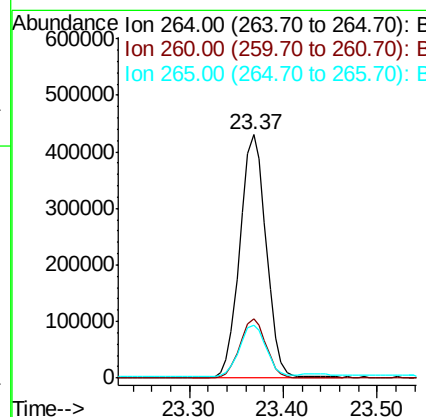
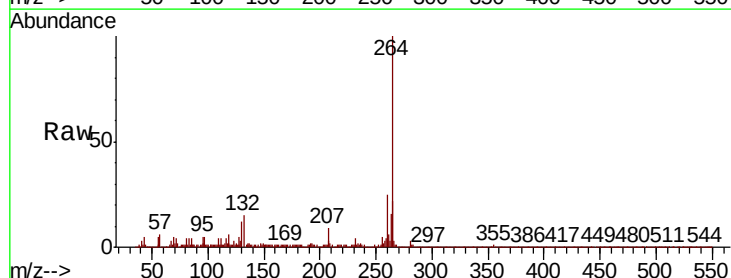
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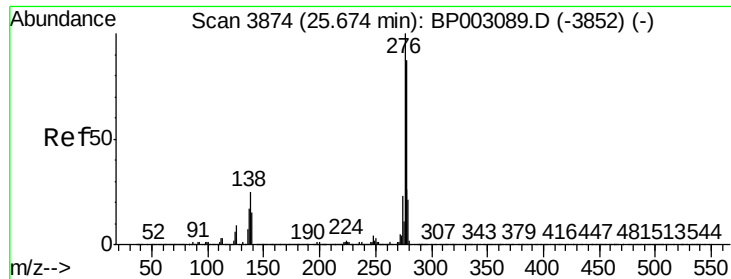
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Tgt Ion:	264	Resp:	830651
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.8	28.2
265	21.9	17.4	26.2





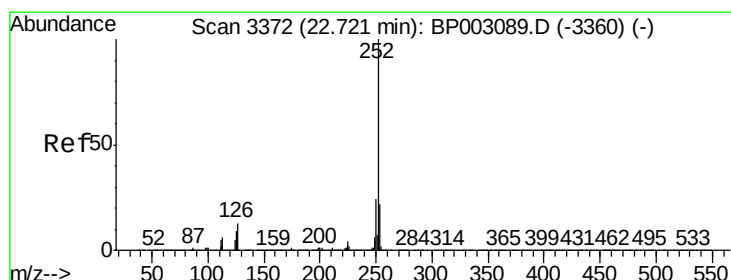
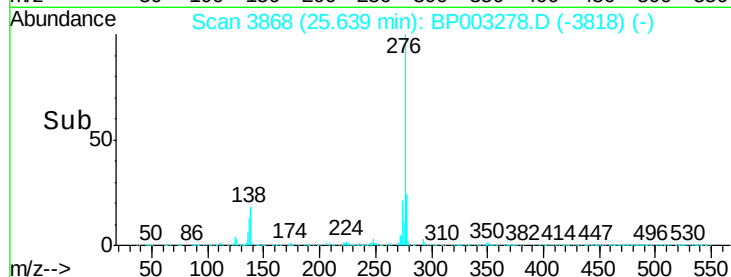
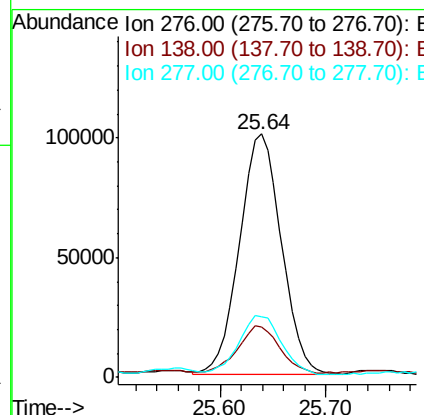
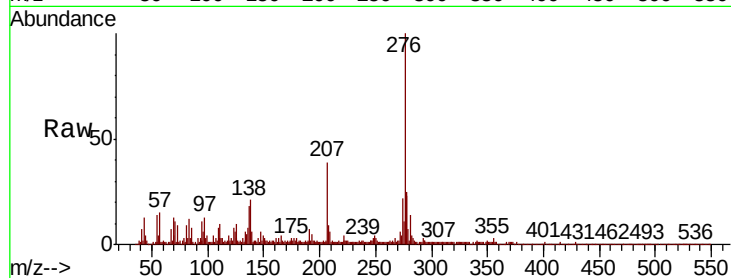
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.427 ng
 RT: 25.64 min Scan# 3868
 Delta R.T. -0.01 min
 Lab File: BP003278.D
 Acq: 14 Sep 2020 20:39

Instrument :
 BNA_P
 ClientSampleID :
 B20-0-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	19.2	18.7	28.1		
277	25.2	20.4	30.6		

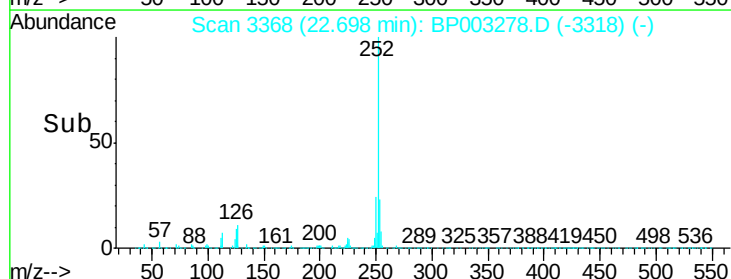
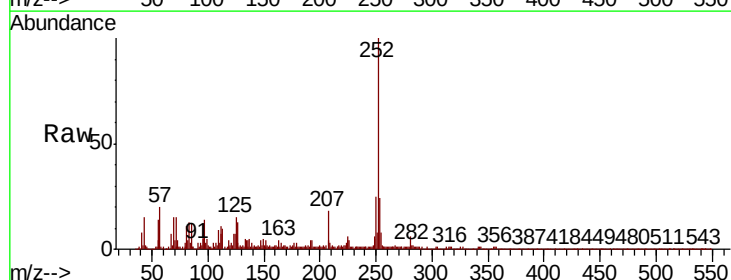
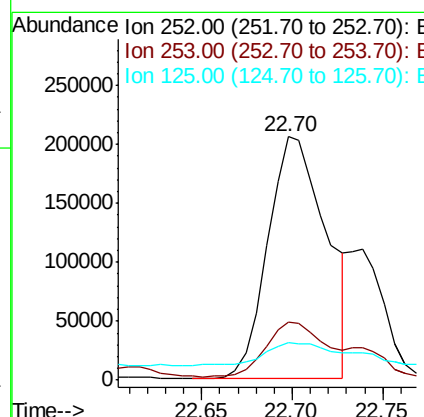
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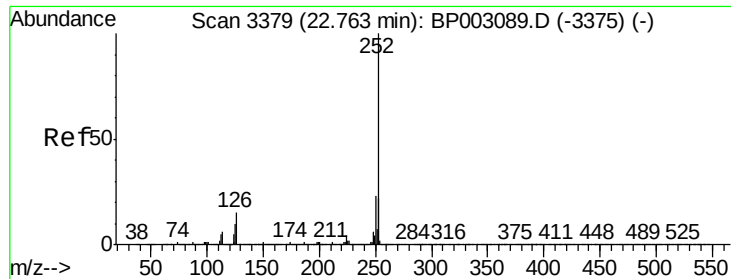
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 8.850 ng m
 RT: 22.70 min Scan# 3368
 Delta R.T. -0.01 min
 Lab File: BP003278.D
 Acq: 14 Sep 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	23.8	17.6	26.4		
125	15.3	7.3	10.9#		





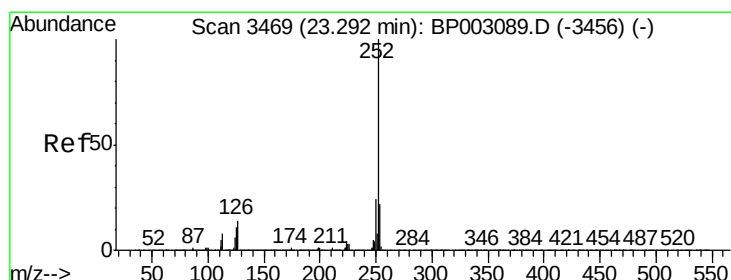
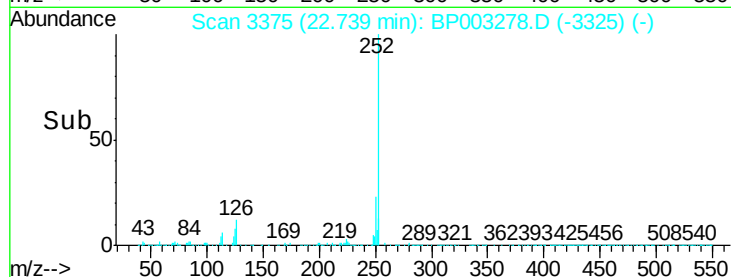
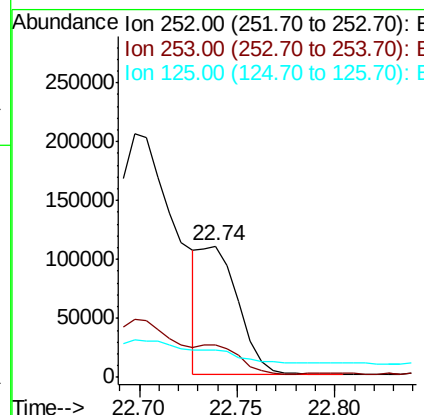
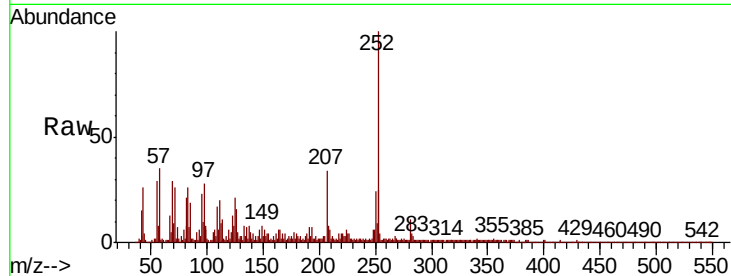
#89
Benzo(k)fluoranthene
Concen: 2.998 ng m
RT: 22.74 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Instrument :
BNA_P
ClientSampleId :
B20-0-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	20.8	7.4	11.2

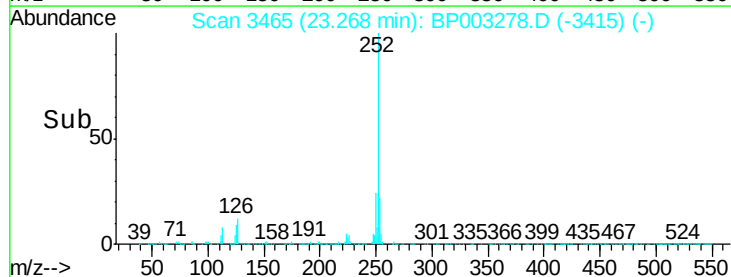
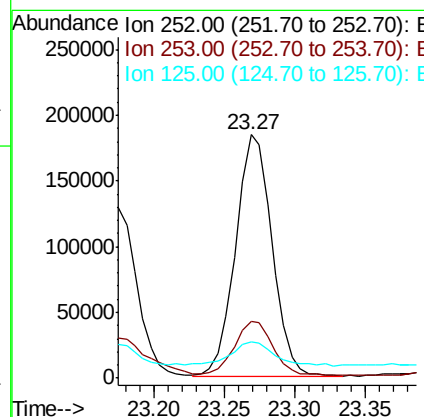
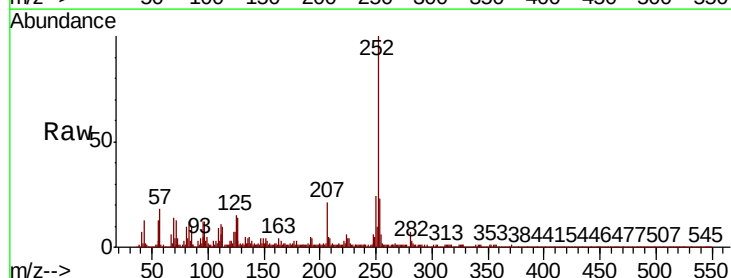
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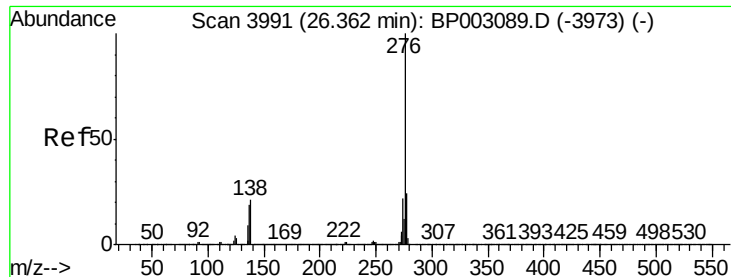
mohammad
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#90
Benzo(a)pyrene
Concen: 6.926 ng
RT: 23.27 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP003278.D
Acq: 14 Sep 2020 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	14.7	8.2	12.4





#92
 Benzo(a,h,i)perylene
 Concen: 5.301 ng
 RT: 26.33 min Scan# 3986
 Delta R.T. -0.00 min
 Lab File: BP003278.D
 Acq: 14 Sep 2020 20:39

Instrument :
 BNA_P
 ClientSampleId :
 B20-0-2

Tot Ion:	276	Resp:	270735
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.0	28.6
138	20.2	16.6	24.8

Manual Integrations
 APPROVED

mohammad
 9/15/2020 1:21:19 PM

