

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
 Data File : BP003267.D
 Acq On : 11 Sep 2020 18:59
 Operator : CG/JU
 Sample : L3975-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BSY-SB-03-0-17

Manual Integrations
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mohammad
 9/14/2020 12:13:29 PM

Quant Time: Sep 11 19:39:07 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	7.65	152	226264	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	896897	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	523766	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1055897	20.00	ng	0.00
76) Chrysene-d12	21.14	240	802707	20.00	ng	0.00
86) Perylene-d12	23.37	264	822179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	976052	76.27	ng	0.00
7) Phenol-d6	6.84	99	1185843	73.92	ng	0.00
23) Nitrobenzene-d5	8.79	82	745900	59.95	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	576893	81.44	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	1802453	50.40	ng	0.00
79) Terphenyl-d14	19.62	244	1847264	50.64	ng	0.00
Target Compounds						
49) Acenaphthylene	14.01	152	237296	4.880	ng	100
50) Dimethylphthalate	13.75	163	400192	10.019	ng	100
71) Phenanthrene	17.09	178	148671	2.598	ng	99
72) Anthracene	17.18	178	342899	6.262	ng	98
75) Fluoranthene	19.07	202	1669073	25.240	ng	99
78) Pyrene	19.42	202	2024070	38.851	ng	99
81) Benzo(a)anthracene	21.13	228	1098415	21.846	ng	96
83) Chrysene	21.17	228	1214635	25.230	ng	98
87) Indeno(1,2,3-cd)pyrene	25.64	276	817353	13.331	ng	95
88) Benzo(b)fluoranthene	22.71	252	1941007m	37.984	ng	
89) Benzo(k)fluoranthene	22.74	252	674435m	13.814	ng	
90) Benzo(a)pyrene	23.28	252	950941	20.059	ng	98
91) Dibenzo(a,h)anthracene	25.65	278	205766m	4.085	ng	
92) Benzo(a,h,i)perylene	26.34	276	788183	15.593	ng	98

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

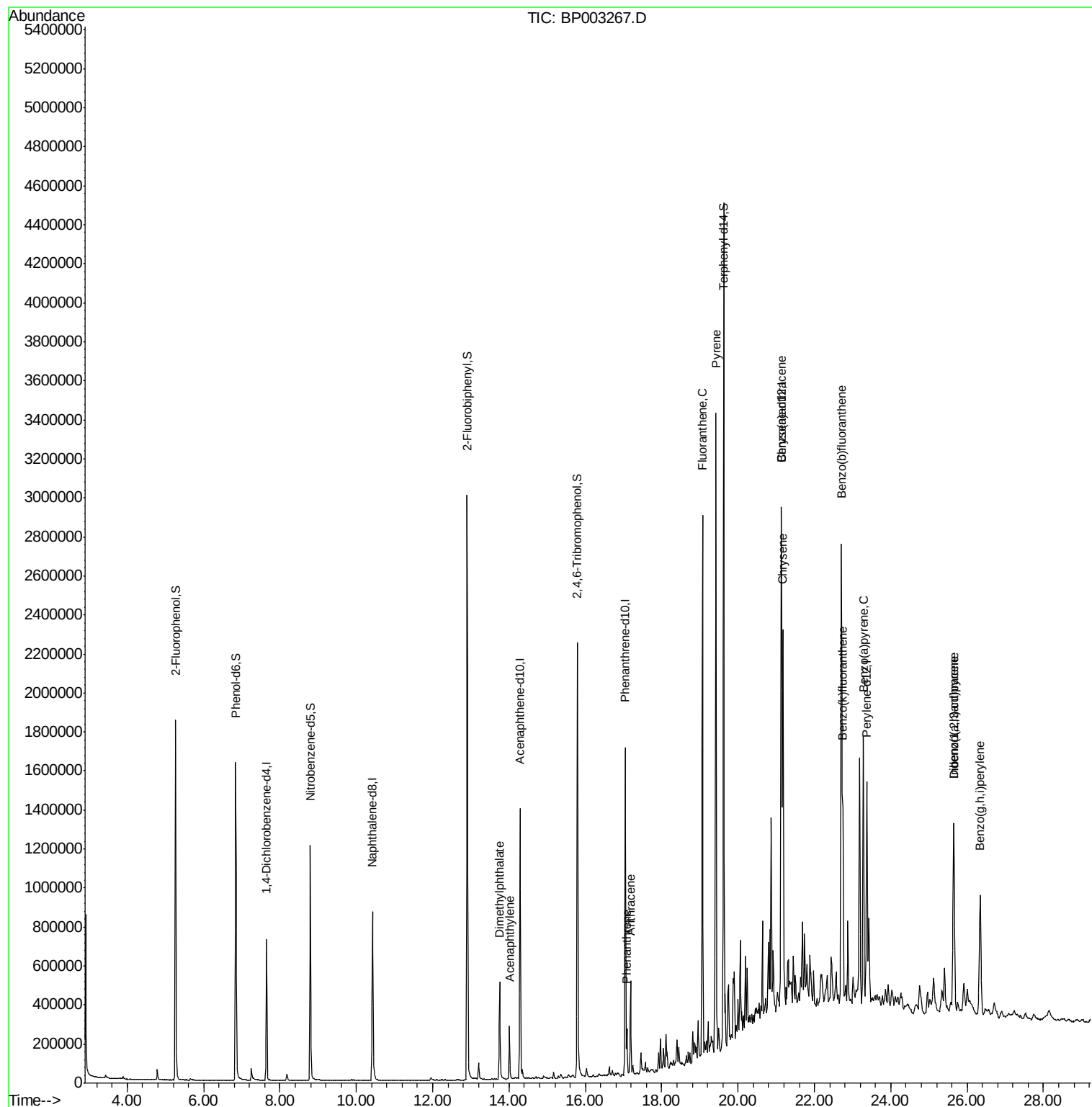
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003267.D
Acq On : 11 Sep 2020 18:59
Operator : CG/JU
Sample : L3975-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

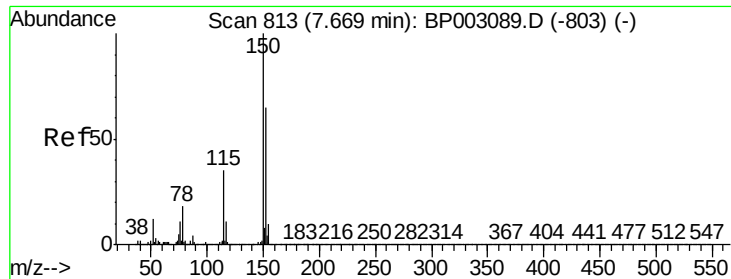
Instrument :
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BSY-SB-03-0-17

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
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#1

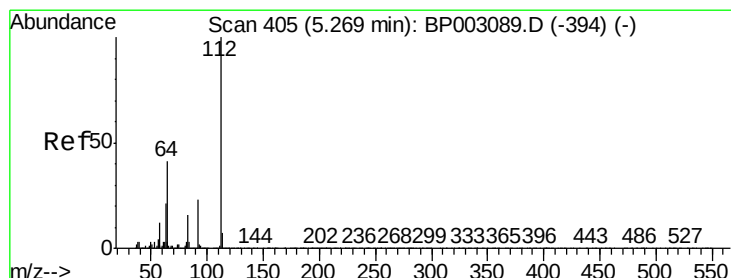
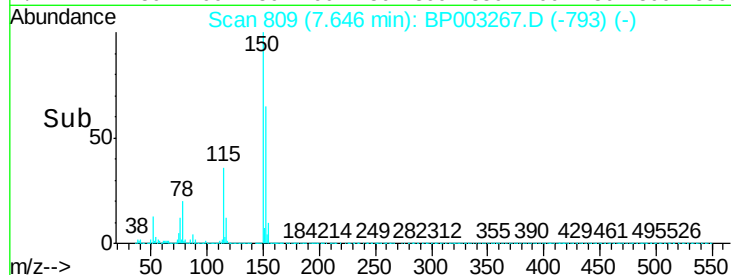
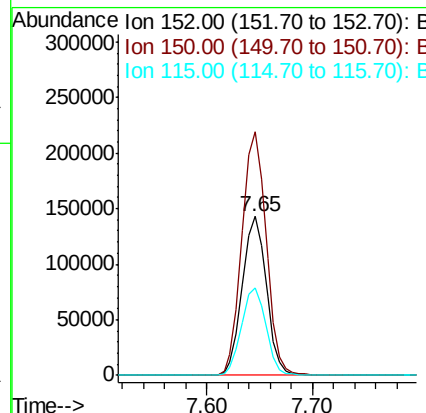
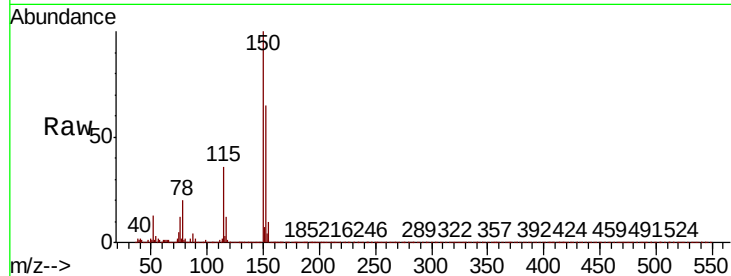
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Instrument :
BNA_P
ClientSampleId :
BSY-SB-03-0-17

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.8	185.6
115	54.9	43.8	65.6

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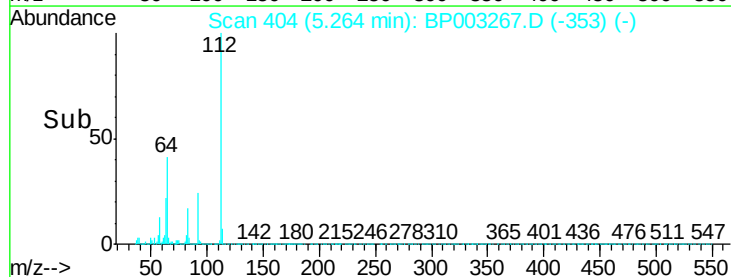
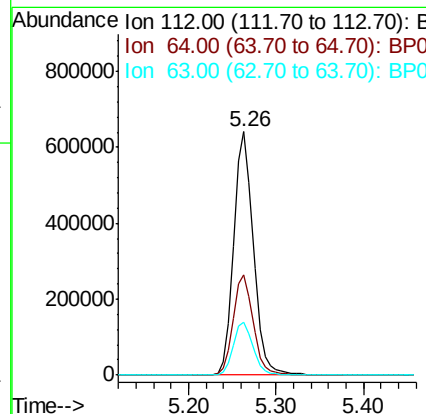
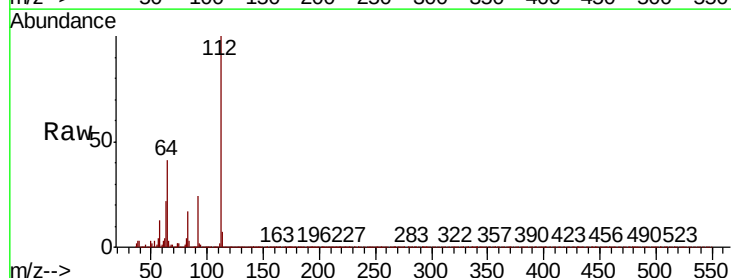
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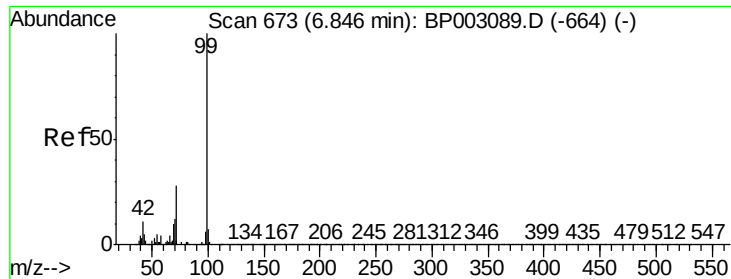


#5

2-Fluorophenol
Concen: 76.269 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	32.8	49.2
63	21.9	17.0	25.4





#7

Phenol-d6

Concen: 73.918 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003267.D

Acq: 11 Sep 2020 18:59

Instrument :

BNA_P

ClientSampleId :

BSY-SB-03-0-17

Tot Ion: 99 Resp: 1185843

Ion Ratio Lower Upper

99 100

42 11.3 8.6 13.0

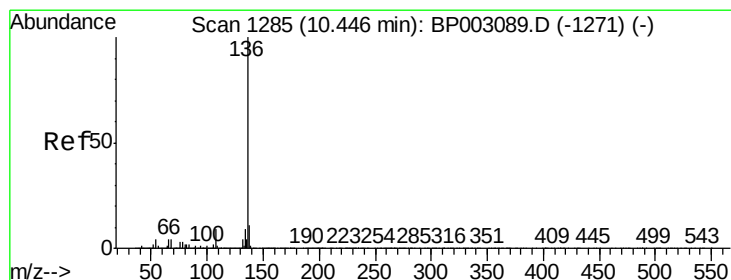
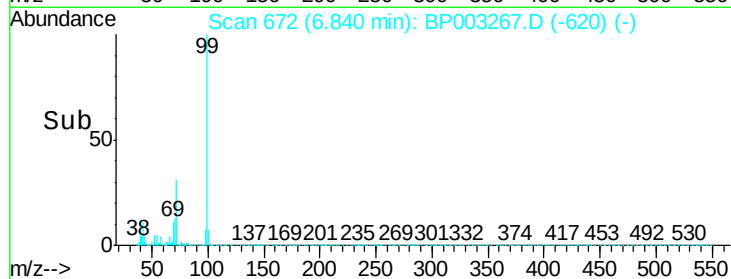
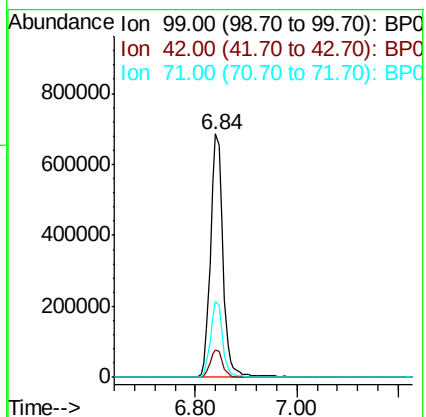
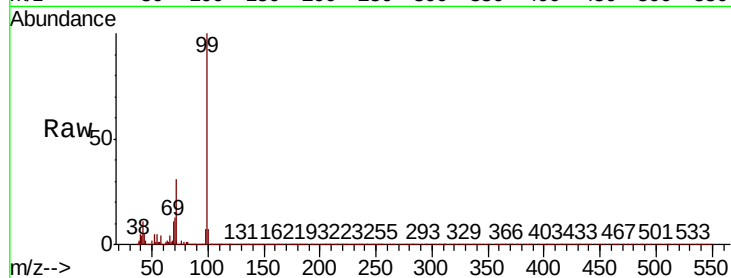
71 31.2 23.4 35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003267.D

Acq: 11 Sep 2020 18:59

Tgt Ion: 136 Resp: 896897

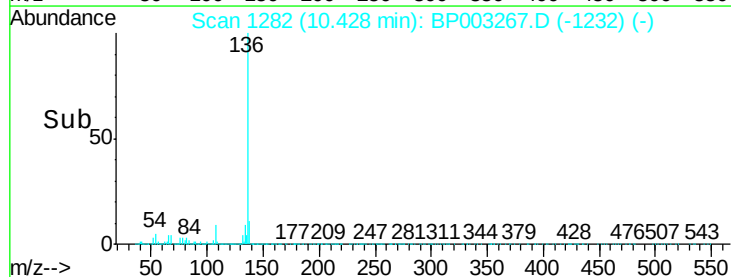
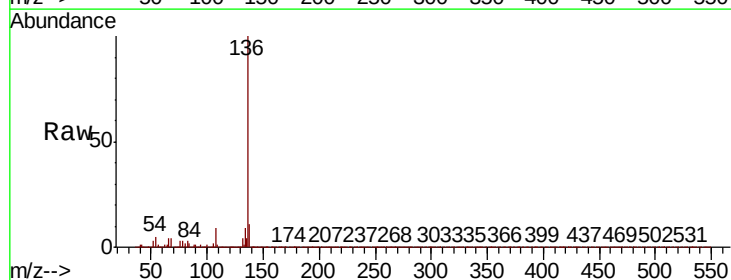
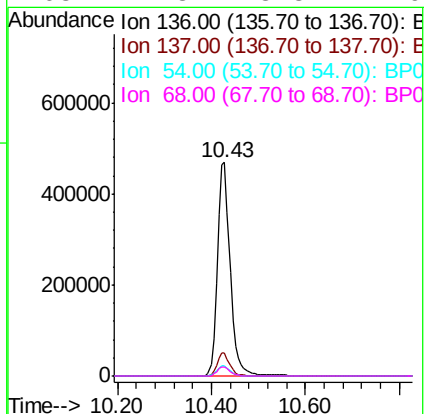
Ion Ratio Lower Upper

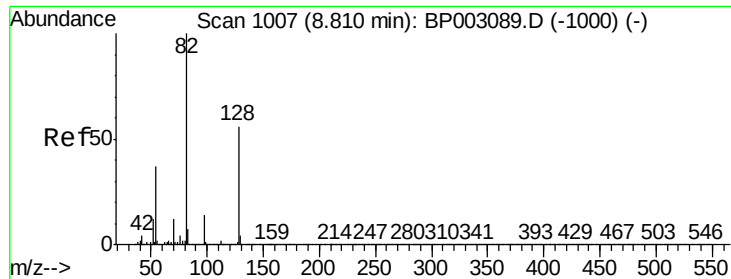
136 100

137 10.8 8.6 13.0

54 4.6 3.6 5.4

68 4.3 3.3 4.9





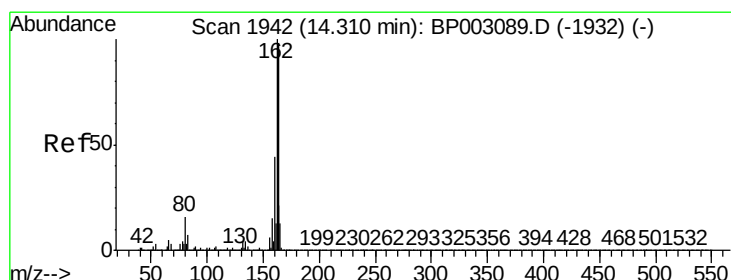
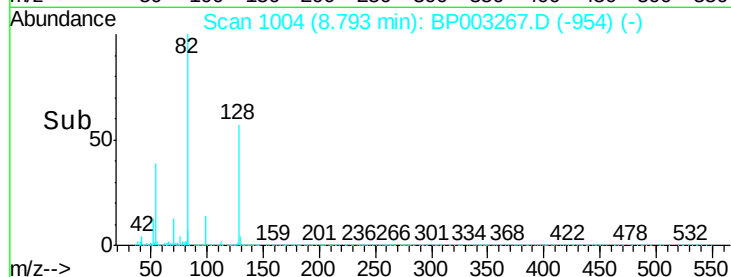
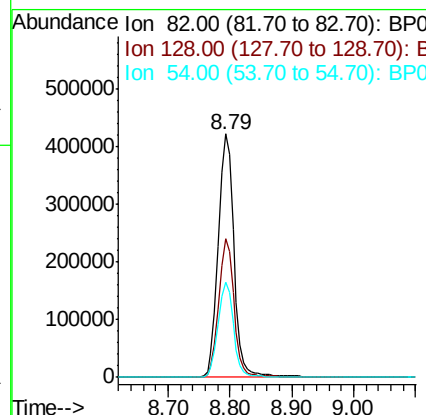
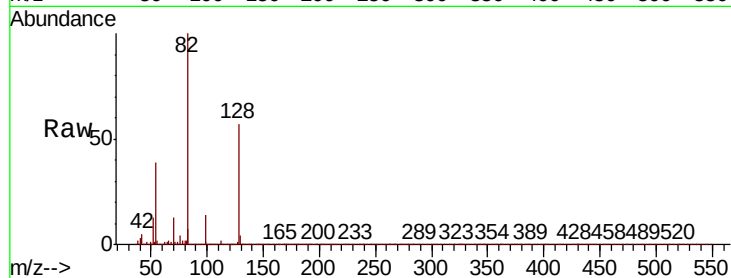
#23
Nitrobenzene-d5
Concen: 59.954 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Instrument :
BNA_P
ClientSampleId :
BSY-SB-03-0-17

Tot Ion	82	Resp	745900
Ion Ratio	Lower	Upper	
82	100		
128	56.7	45.6	68.4
54	39.0	30.1	45.1

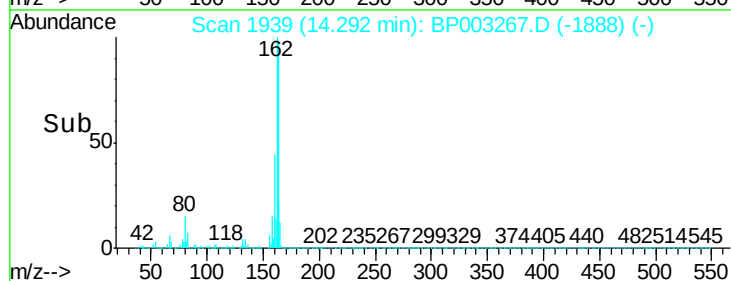
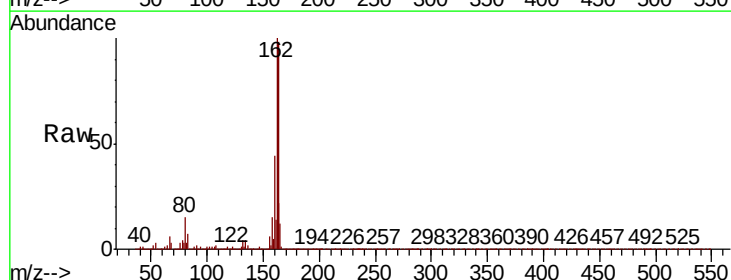
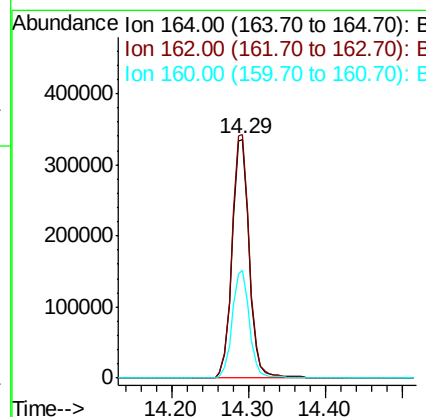
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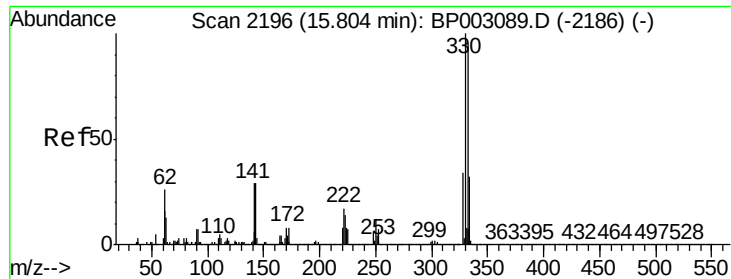
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Tgt Ion	164	Resp	523766
Ion Ratio	Lower	Upper	
164	100		
162	102.0	79.4	119.2
160	45.1	36.1	54.1





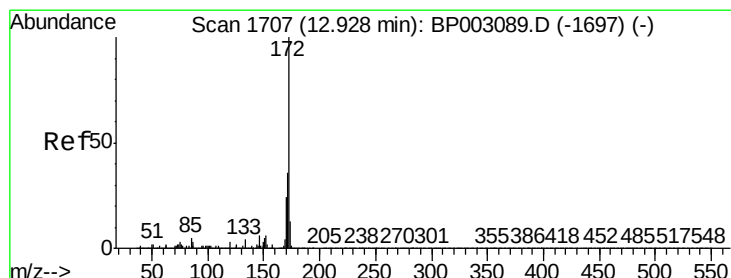
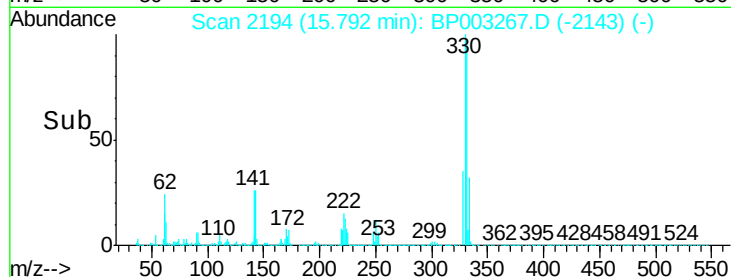
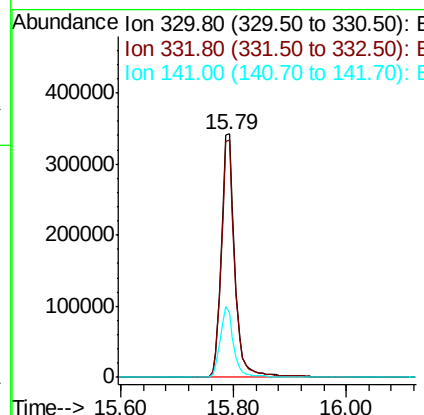
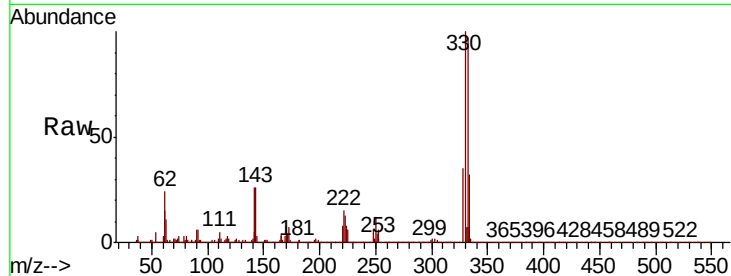
#42
 2,4,6-Tribromophenol
 Concen: 81.438 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003267.D
 Acq: 11 Sep 2020 18:59

Instrument :
 BNA_P
 ClientSampleId :
 BSY-SB-03-0-17

Tot Ion	Ratio	Resp	Lower	Upper
330	100	576893		
332	96.2	77.1	115.7	
141	28.7	23.4	35.2	

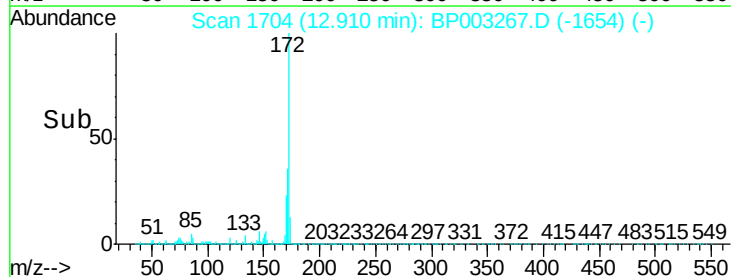
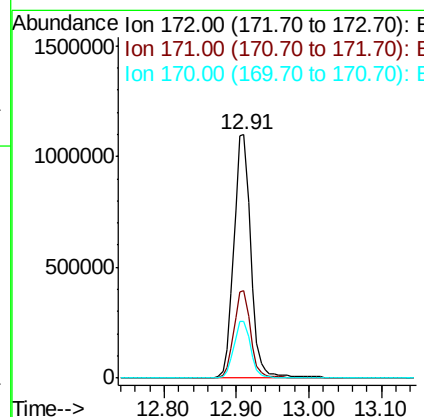
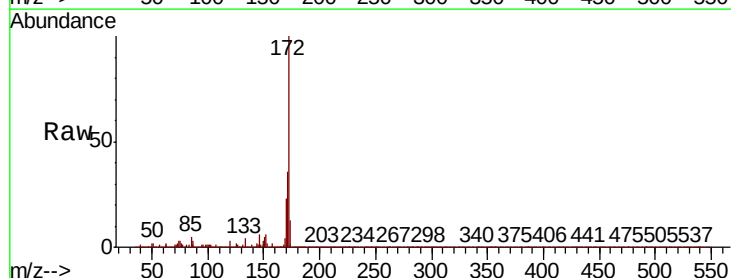
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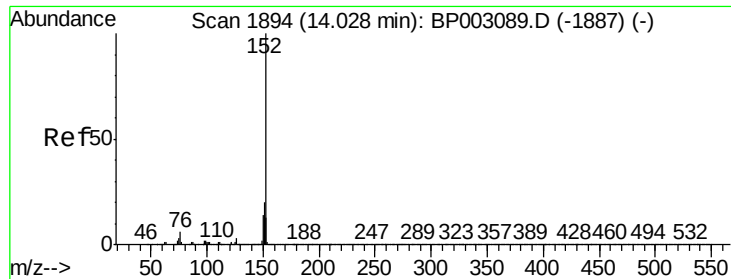
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#45
 2-Fluorobiphenyl
 Concen: 50.397 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003267.D
 Acq: 11 Sep 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1802453		
171	35.8	28.5	42.7	
170	23.5	19.2	28.8	





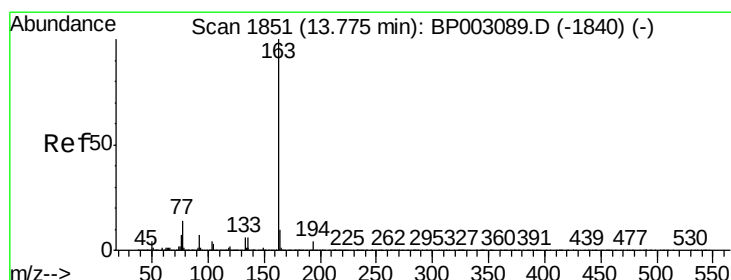
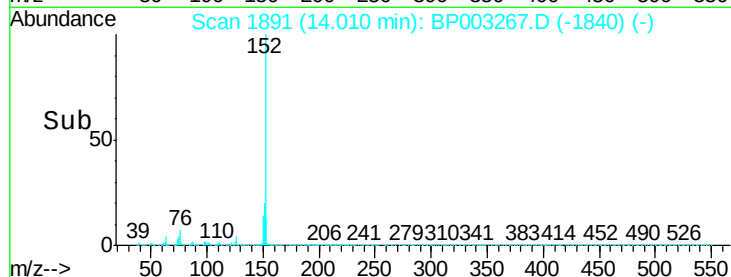
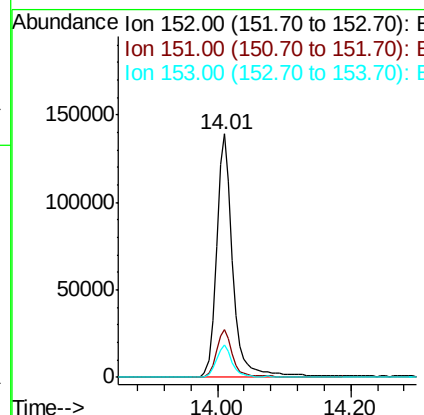
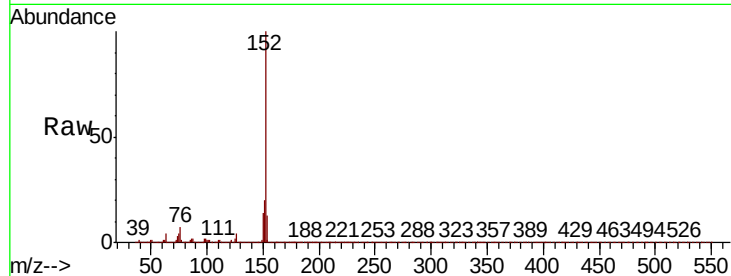
#49
Acenaphthylene
Concen: 4.880 ng
RT: 14.01 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Instrument :
BNA_P
ClientSampleId :
BSY-SB-03-0-17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		237296		
151	19.6	15.9	23.9		
153	13.1	10.5	15.7		

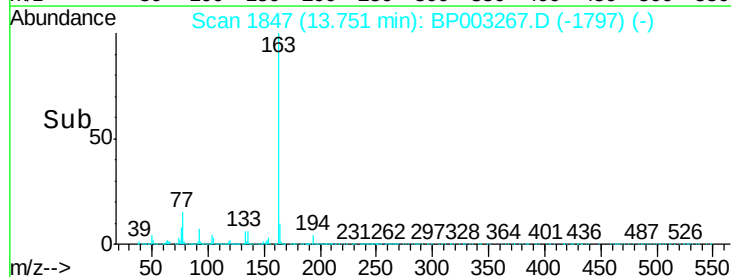
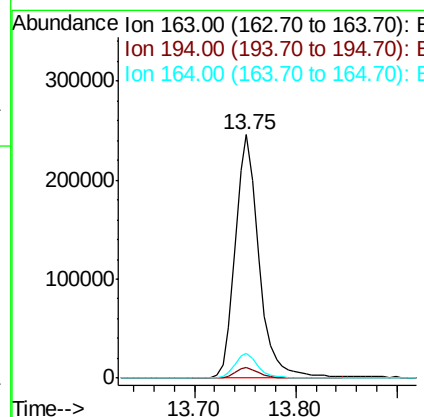
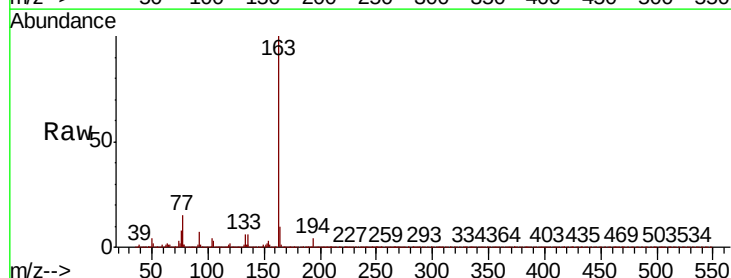
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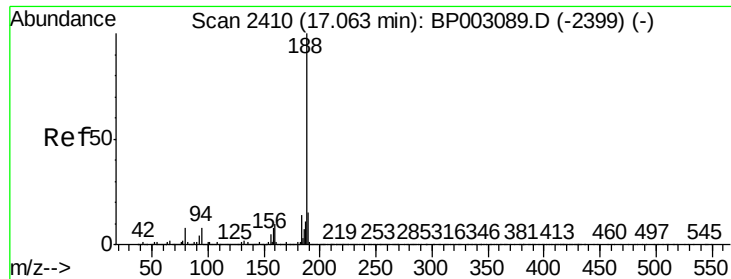
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#50
Dimethylphthalate
Concen: 10.019 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		400192		
194	4.3	3.3	4.9		
164	10.3	8.2	12.2		





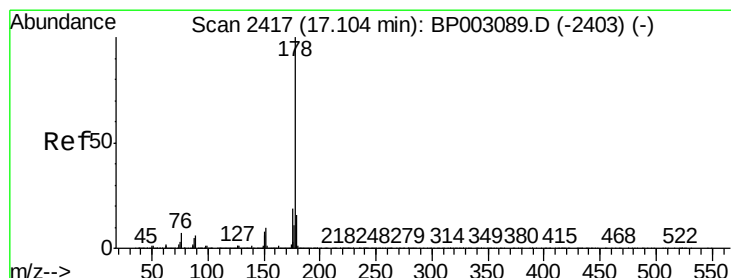
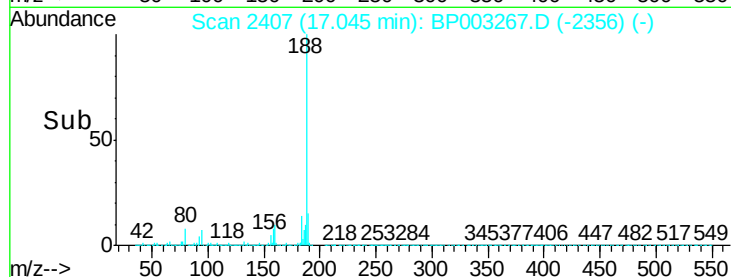
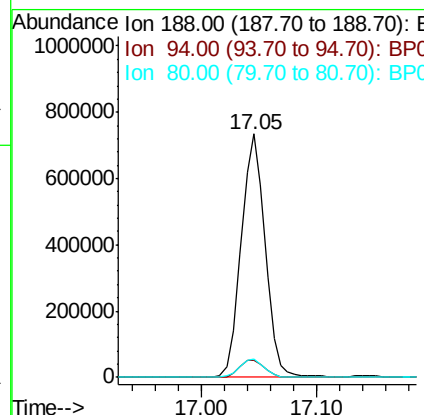
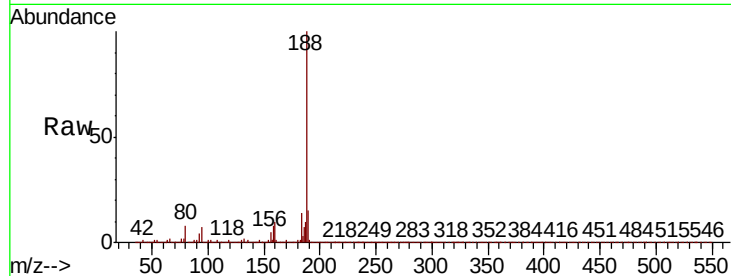
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Instrument :
BNA_P
ClientSampleId :
BSY-SB-03-0-17

Tot Ion	Ratio	Resp	Lower	Upper
188	100	1055897		
94	7.3		6.2	9.2
80	7.6		6.2	9.2

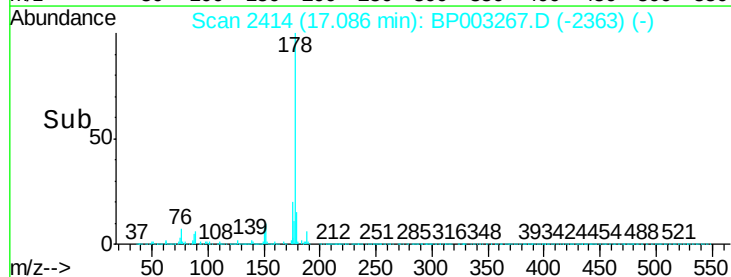
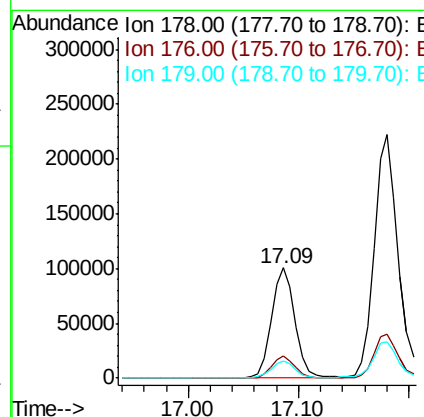
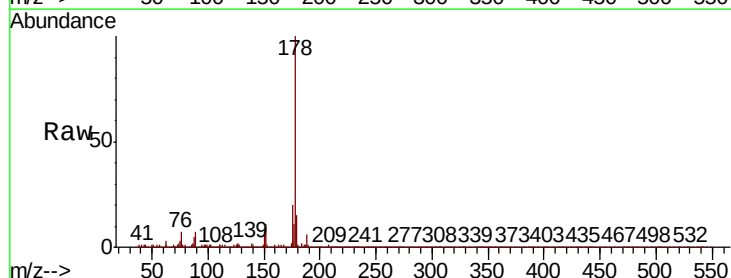
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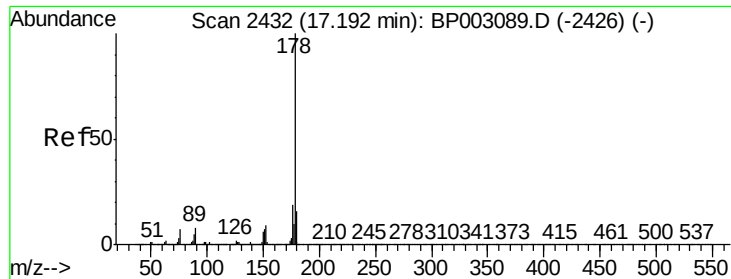
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#71
Phenanthrene
Concen: 2.598 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	148671		
176	19.8		15.3	22.9
179	15.3		12.5	18.7





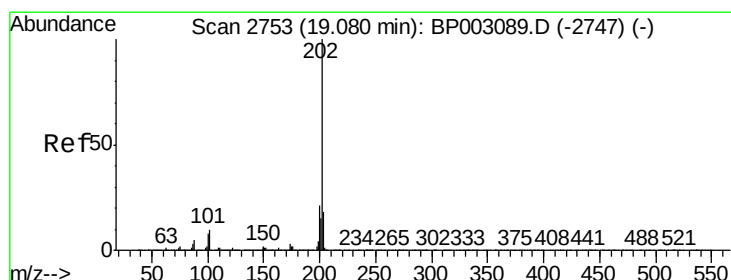
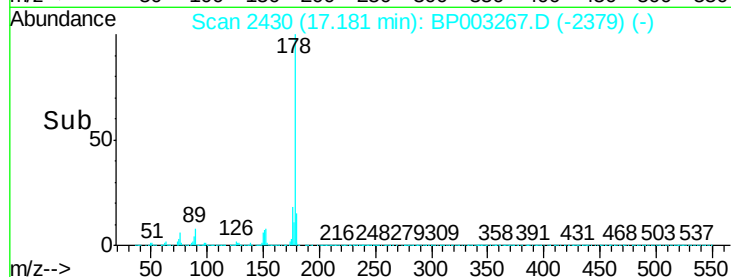
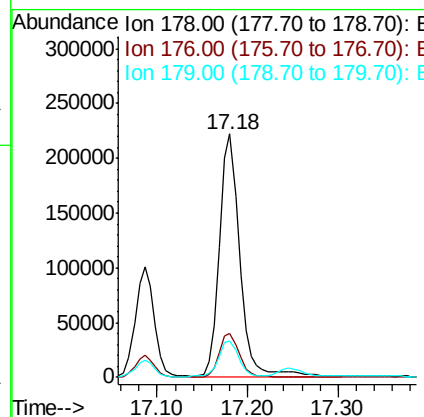
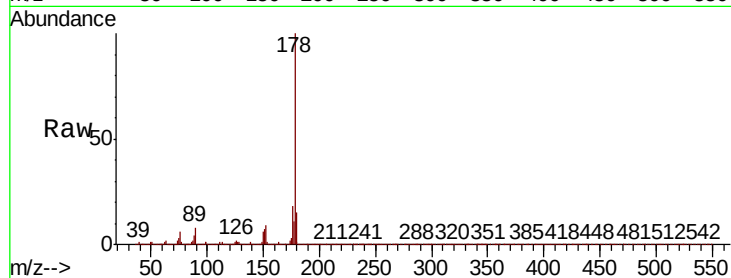
#72
 Anthracene
 Concen: 6.262 ng
 RT: 17.18 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BP003267.D
 Acq: 11 Sep 2020 18:59

Instrument :
 BNA_P
 ClientSampleId :
 BSY-SB-03-0-17

Tot Ion:	178	Resp:	342899
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.0	22.4
179	14.7	12.5	18.7

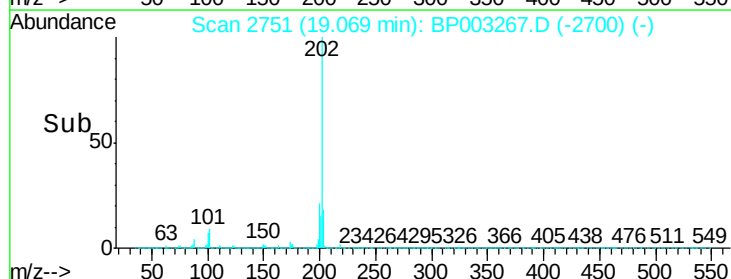
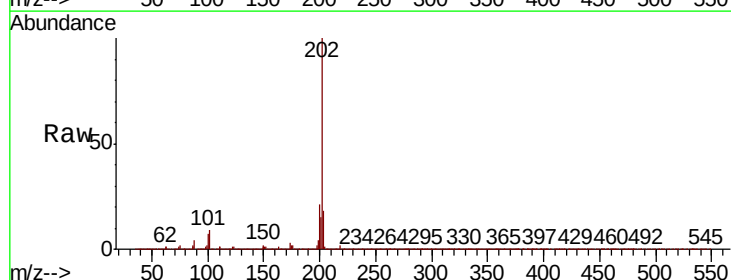
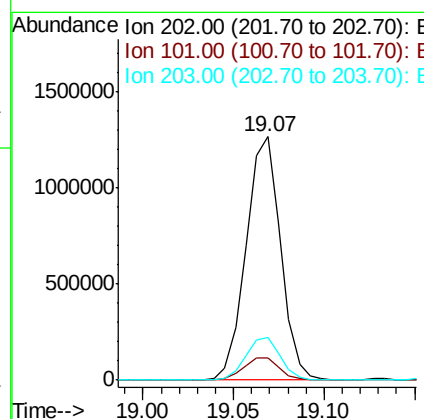
Manual Integrations
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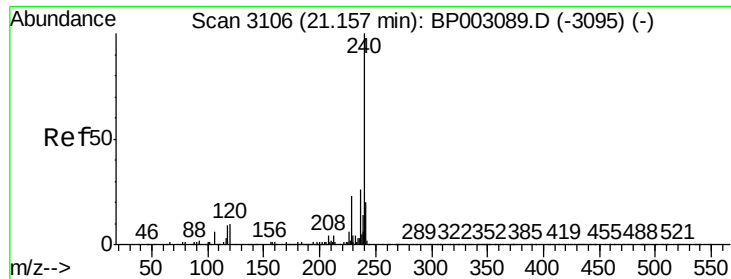
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#75
 Fluoranthene
 Concen: 25.240 ng
 RT: 19.07 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BP003267.D
 Acq: 11 Sep 2020 18:59

Tgt Ion:	202	Resp:	1669073
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	29.4
203	17.7	0.0	37.8





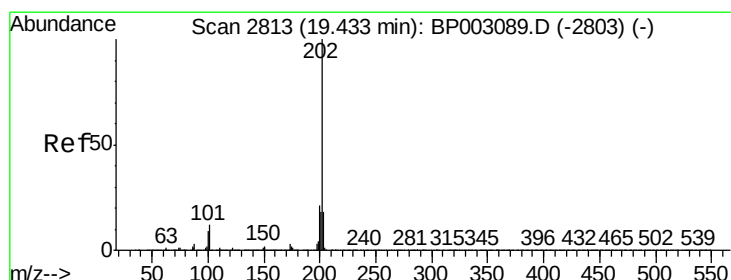
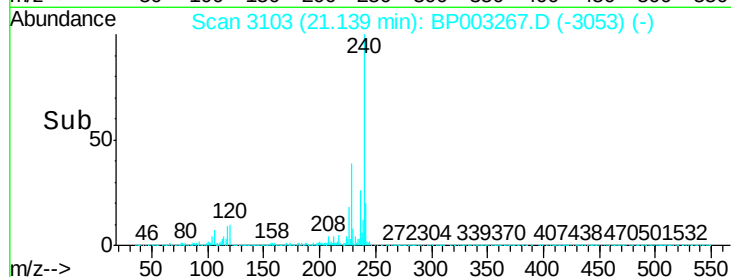
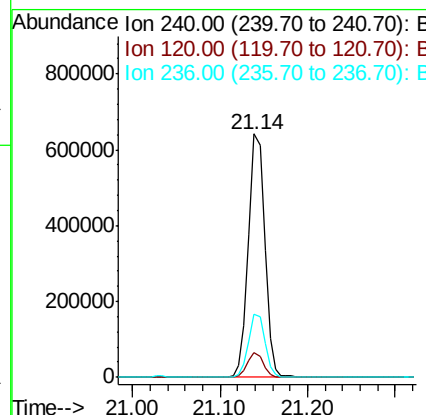
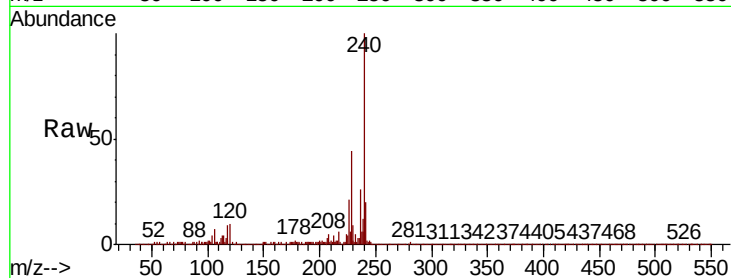
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Instrument :
BNA_P
ClientSampleId :
BSY-SB-03-0-17

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.8	11.6
236	26.1	20.8	31.2

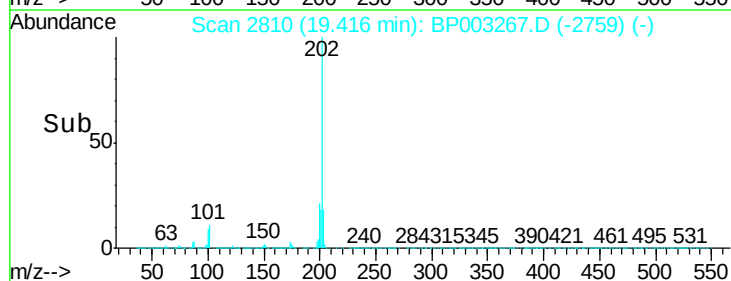
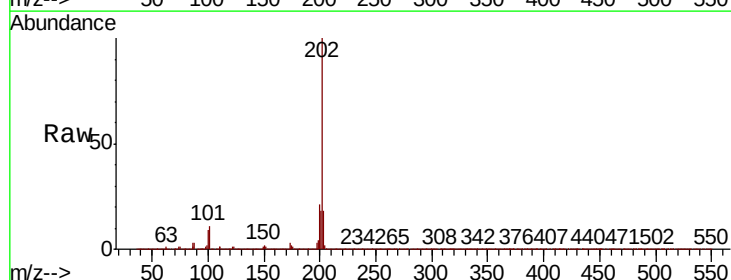
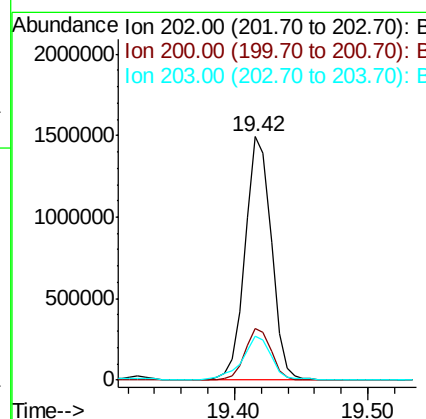
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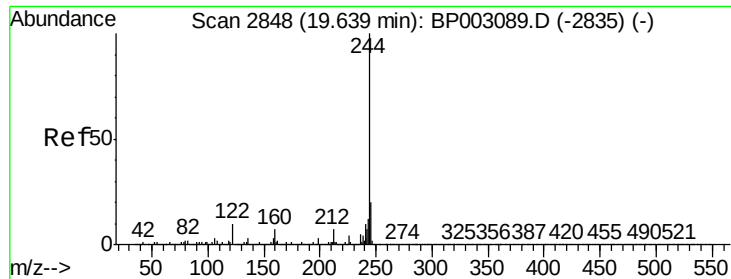
mohammad
9/14/2020 12:13:29 PM



#78
Pyrene
Concen: 38.851 ng
RT: 19.42 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	18.0	14.2	21.2





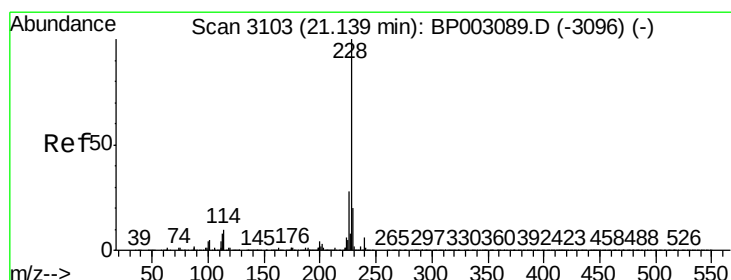
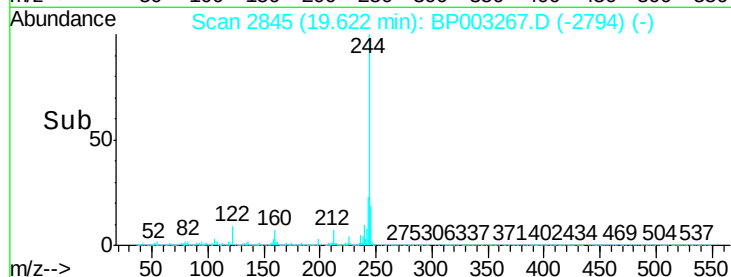
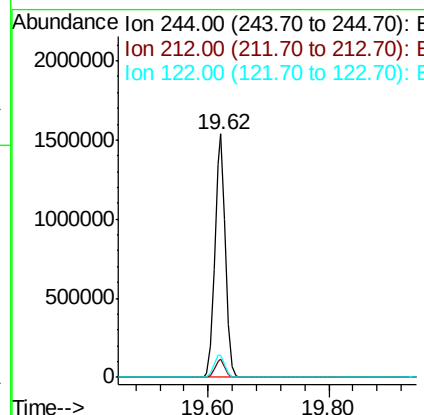
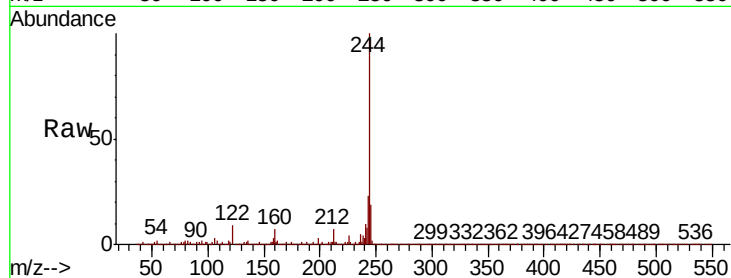
#79
 Terphenyl-d14
 Concen: 50.638 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003267.D
 Acq: 11 Sep 2020 18:59

Instrument :
 BNA_P
 ClientSampleId :
 BSY-SB-03-0-17

Tot Ion:244 Resp: 1847264
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.2 7.8 11.8

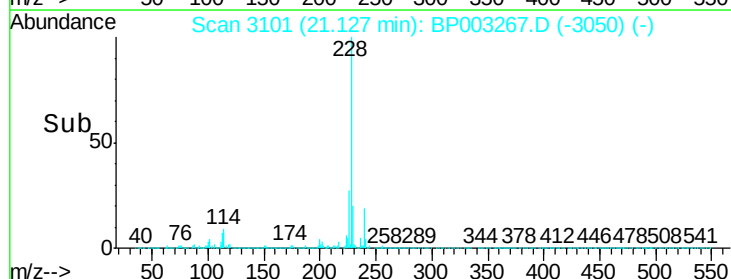
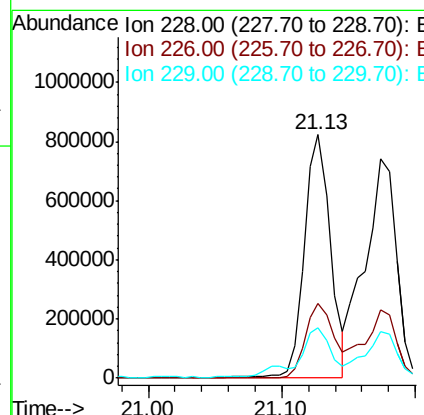
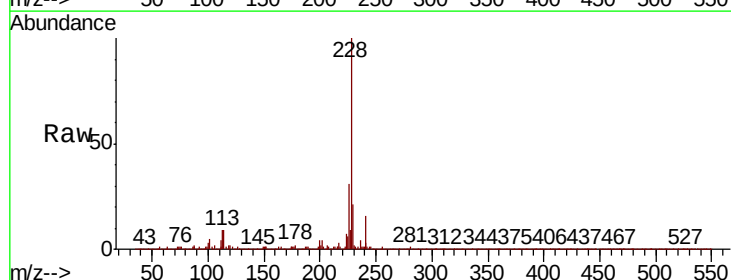
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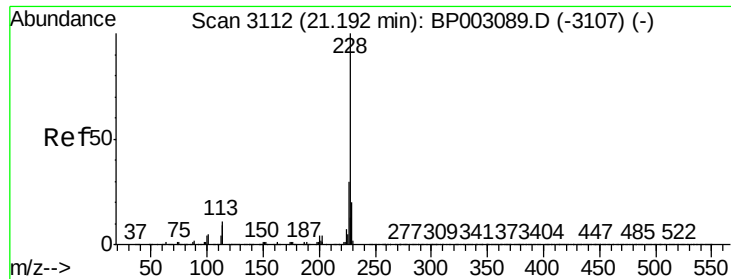
mohammad
 9/14/2020 12:13:29 PM



#81
 Benzo(a)anthracene
 Concen: 21.846 ng
 RT: 21.13 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: BP003267.D
 Acq: 11 Sep 2020 18:59

Tgt Ion:228 Resp: 1098415
 Ion Ratio Lower Upper
 228 100
 226 30.6 22.1 33.1
 229 20.5 15.9 23.9





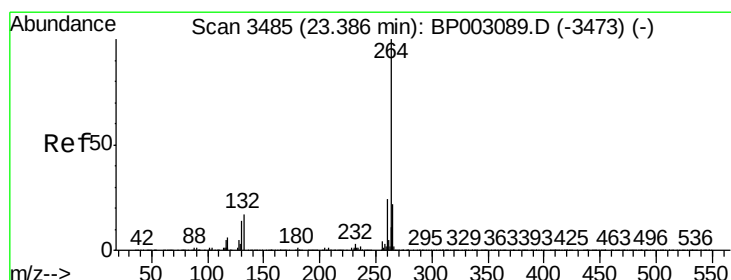
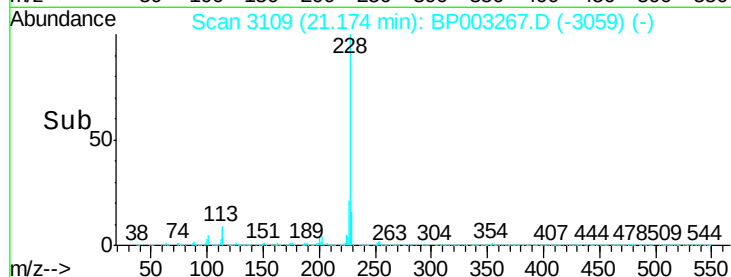
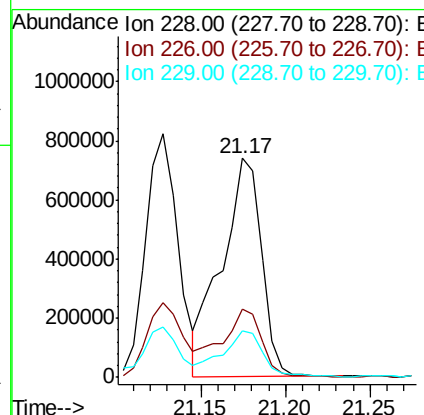
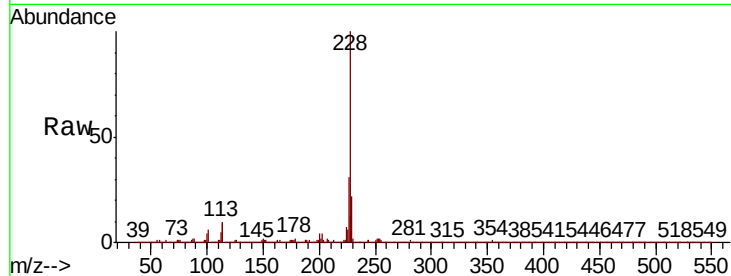
#83
Chrysene
Concen: 25.230 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Instrument :
BNA_P
ClientSampleId :
BSY-SB-03-0-17

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	21.5	15.8	23.6

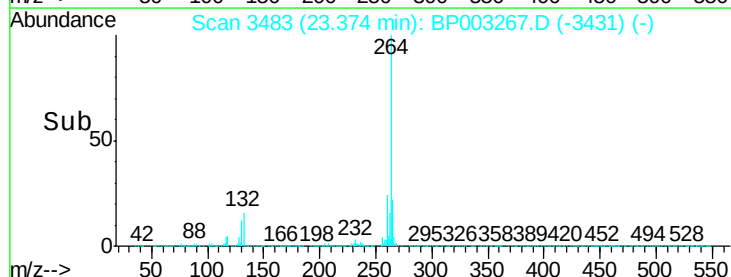
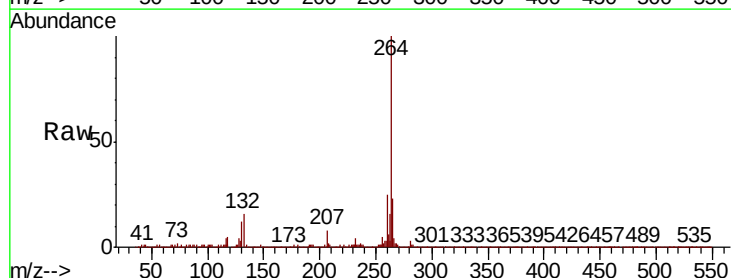
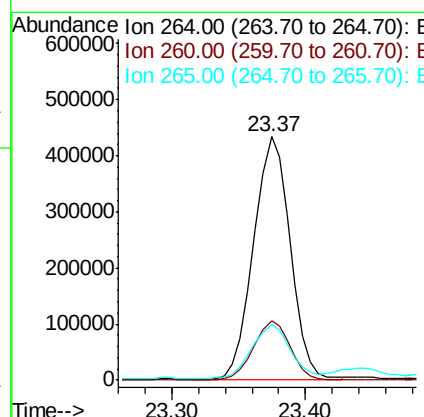
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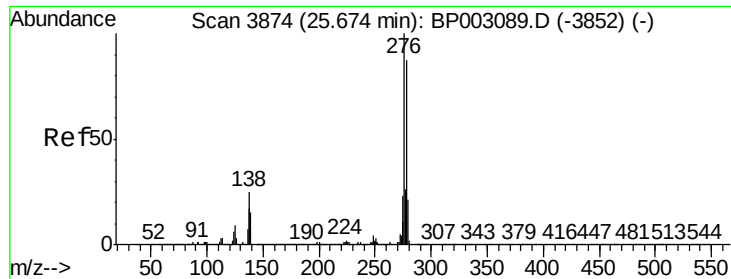
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.8	17.4	26.2





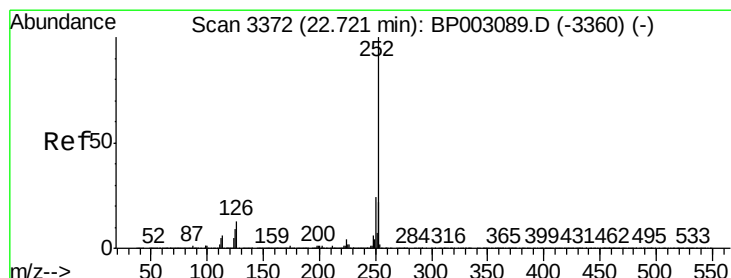
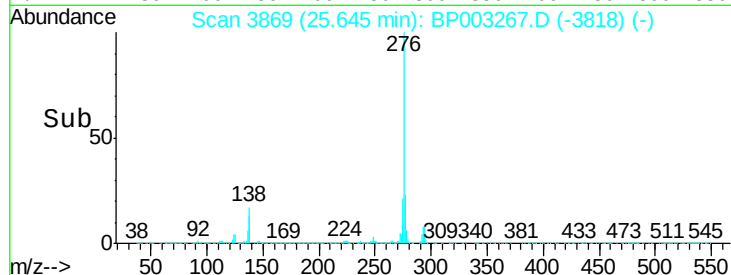
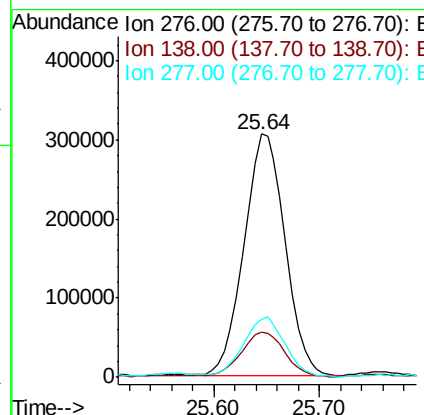
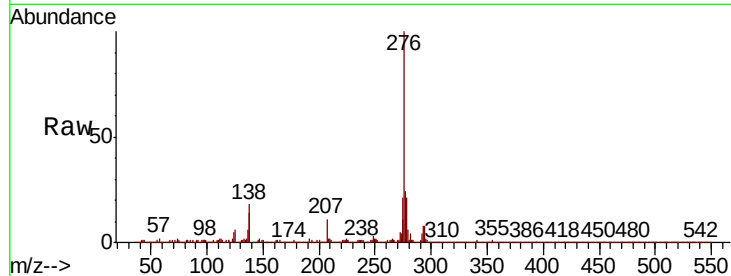
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 13.331 ng
 RT: 25.64 min Scan# 3869
 Delta R.T. -0.00 min
 Lab File: BP003267.D
 Acq: 11 Sep 2020 18:59

Instrument :
 BNA_P
 ClientSampleId :
 BSY-SB-03-0-17

Tot Ion:	276	Resp:	817353
Ion Ratio	Lower	Upper	
276	100		
138	19.3	18.7	28.1
277	24.9	20.4	30.6

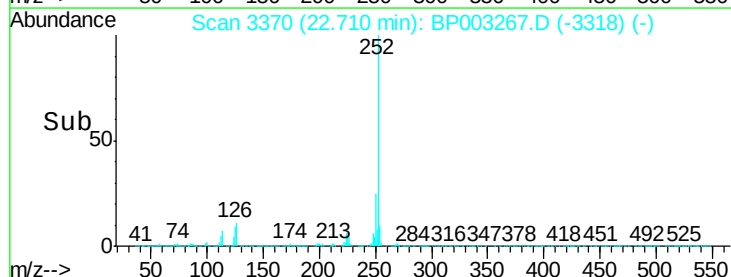
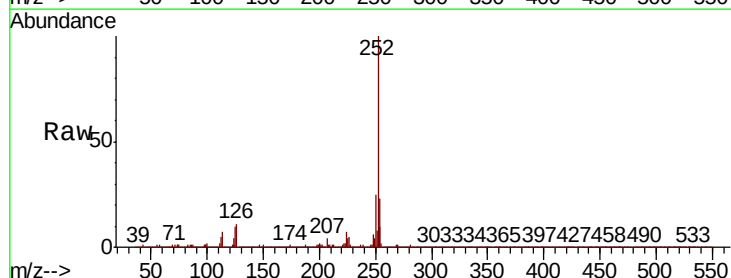
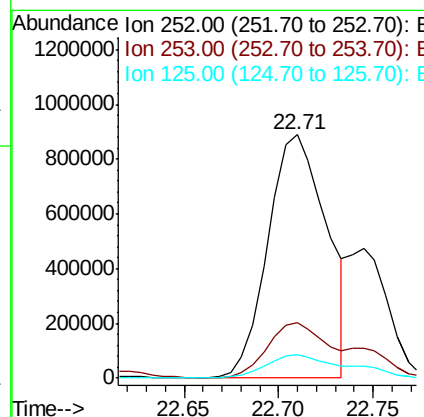
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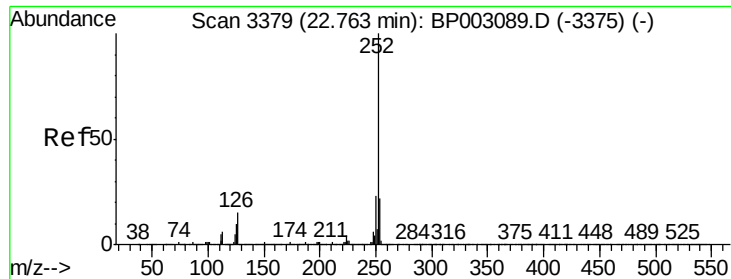
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 37.984 ng m
 RT: 22.71 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: BP003267.D
 Acq: 11 Sep 2020 18:59

Tgt Ion:	252	Resp:	1941007
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	9.6	7.3	10.9





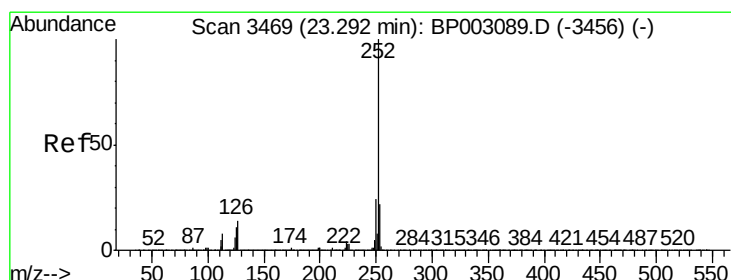
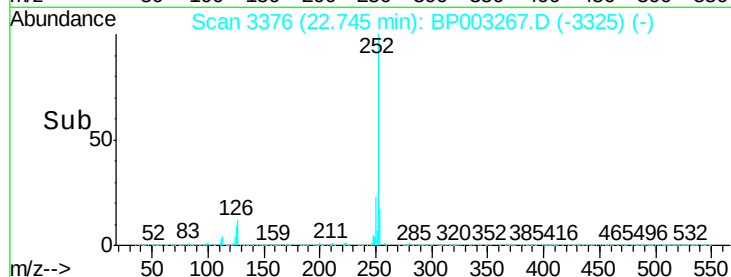
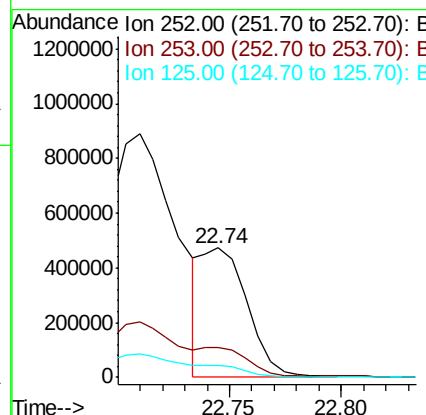
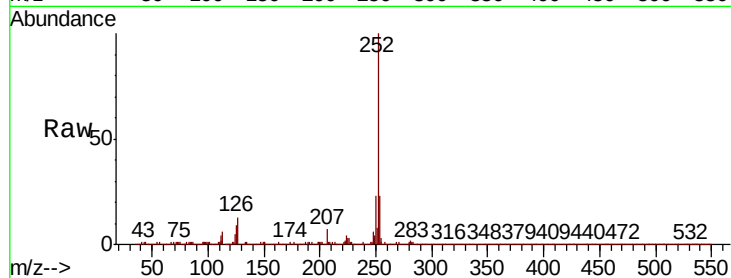
#89
Benzo(k)fluoranthene
Concen: 13.814 ng
RT: 22.74 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Instrument :
BNA_P
ClientSampleId :
BSY-SB-03-0-17

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	9.1	7.4	11.2

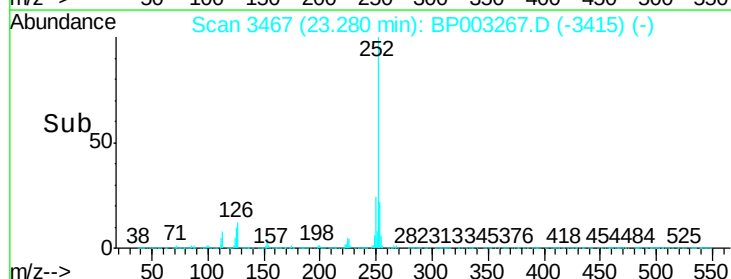
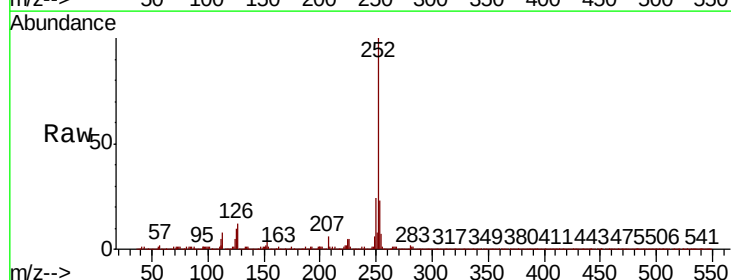
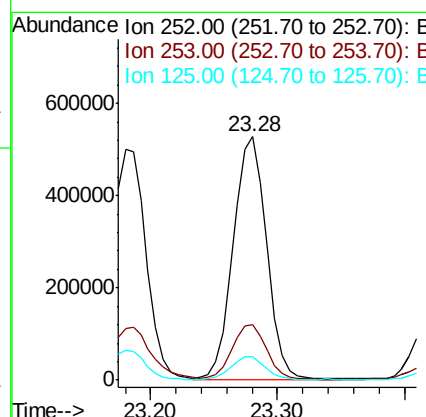
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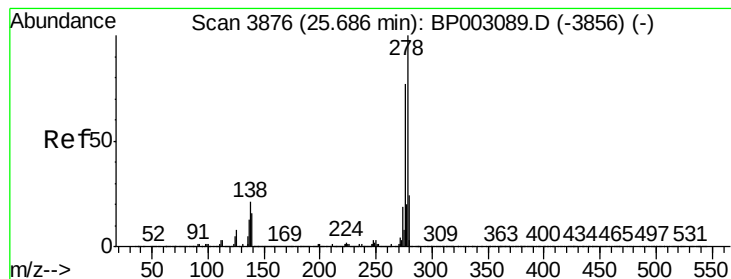
mohammad
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#90
Benzo(a)pyrene
Concen: 20.059 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003267.D
Acq: 11 Sep 2020 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	9.8	8.2	12.4





#91

Dibenzo(a,h)anthracene

Concen: 4.085 ng

RT: 25.65 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BP003267.D

Acq: 11 Sep 2020 18:59

Instrument :

BNA_P

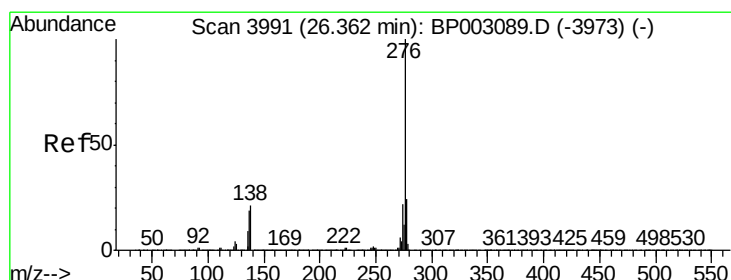
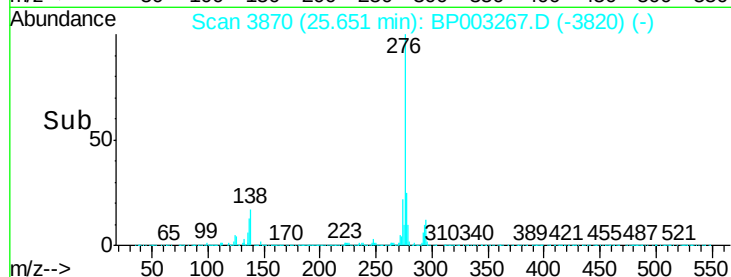
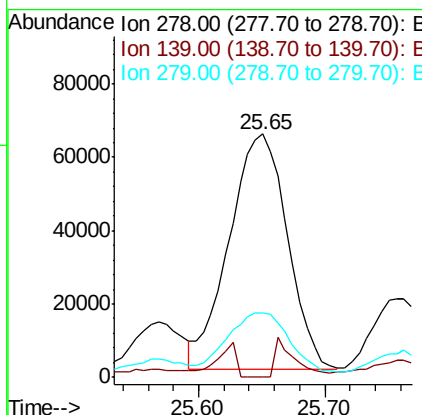
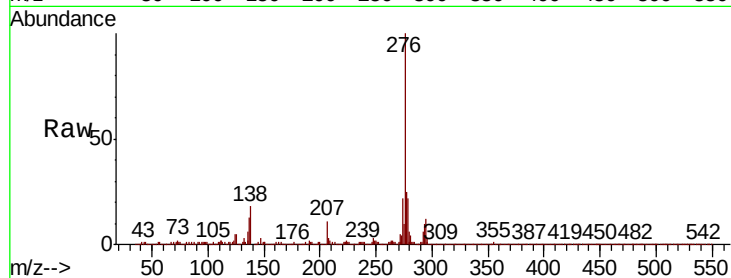
ClientSampleId :

BSY-SB-03-0-17

Tot Ion:	278	Resp:	205766
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.4	18.6#
279	26.4	19.0	28.6

Manual Integrations
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mohammad
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#92

Benzo(g,h,i)perylene

Concen: 15.593 ng

RT: 26.34 min Scan# 3988

Delta R.T. 0.01 min

Lab File: BP003267.D

Acq: 11 Sep 2020 18:59

Tgt Ion:	276	Resp:	788183
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.6
138	19.1	16.6	24.8

