

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001133.D
 Acq On : 02 Dec 2019 18:43
 Operator : JU
 Sample : K6022-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-17-S

Manual Integrations
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Quant Time: Dec 03 00:38:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	142323	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	536399	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	285832	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	537438	20.00	ng	0.00
76) Chrysene-d12	19.27	240	407315	20.00	ng	0.00
87) Perylene-d12	21.05	264	450577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	1015138	118.34	ng	0.00
7) Phenol-d6	7.78	99	1402982	122.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	914121	73.94	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	306990	112.05	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1463562	74.94	ng	0.00
79) Terphenyl-d14	17.91	244	1620871	73.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	12.81	163	166017	7.766	ng	Qvalue 100
71) Phenanthrene	15.66	178	92411	3.271	ng	98
75) Fluoranthene	17.37	202	246782	8.250	ng	99
78) Pyrene	17.67	202	237353	7.399	ng	98
81) Benzo(a)anthracene	19.26	228	141117	4.997	ng	96
83) Chrysene	19.30	228	138065	5.460	ng	97
86) Indeno(1,2,3-cd)pyrene	22.69	276	86708	2.909	ng	93
88) Benzo(b)fluoranthene	20.56	252	183431m	6.665	ng	
89) Benzo(k)fluoranthene	20.59	252	57560m	2.172	ng	
90) Benzo(a)pyrene	20.97	252	125761	4.961	ng	# 95
92) Benzo(g,h,i)perylene	23.19	276	86526	3.532	ng	98

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

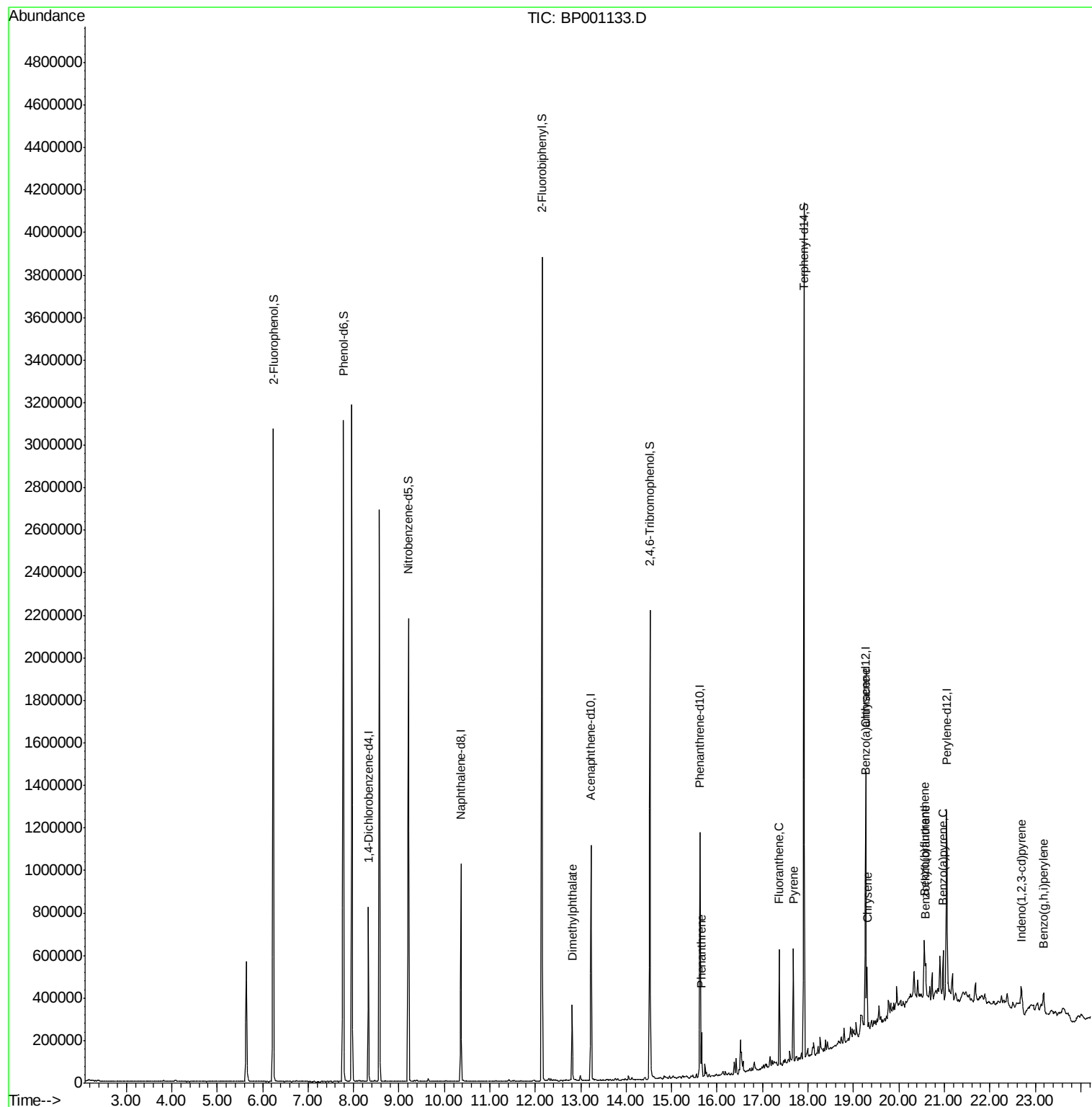
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001133.D
Acq On : 02 Dec 2019 18:43
Operator : JU
Sample : K6022-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

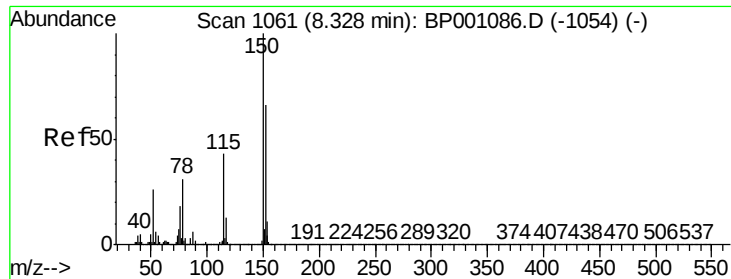
Instrument :
BNA_P
ClientSampleId :
TP-17-S

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Quant Time: Dec 03 00:38:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001133.D

Acq: 02 Dec 2019 18:43

Instrument :

BNA_P

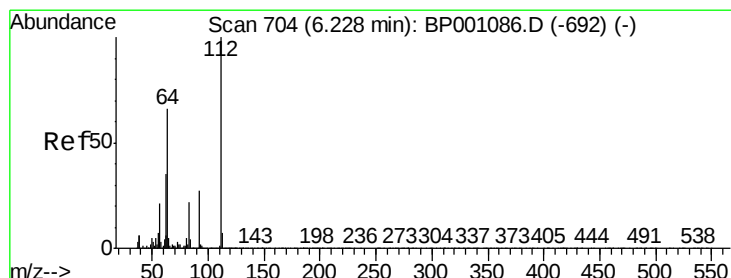
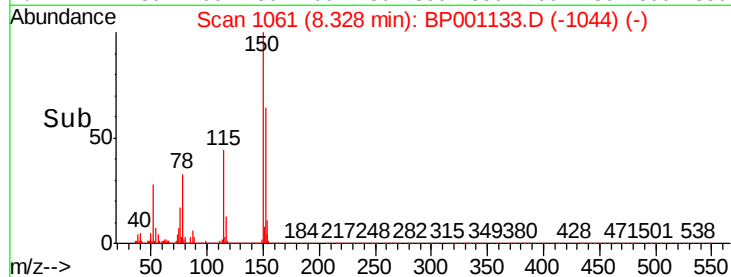
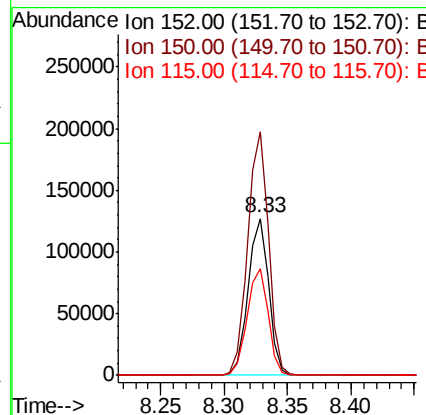
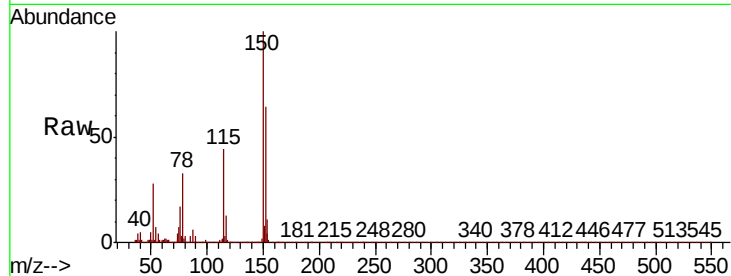
ClientSampled :

TP-17-S

Tot Ion:	152	Resp:	142323
Ion Ratio	Lower	Upper	
152	100		
150	155.3	120.6	181.0
115	68.2	51.6	77.4

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#5

2-Fluorophenol

Concen: 118.336 ng

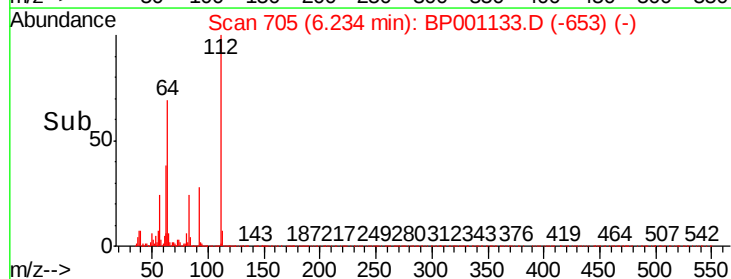
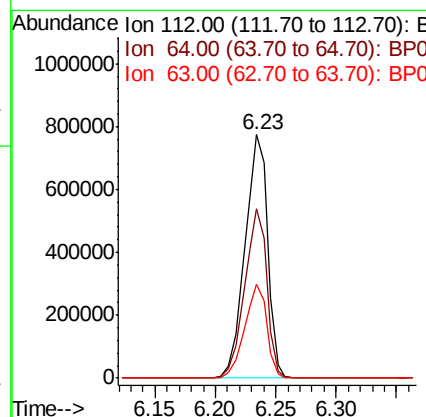
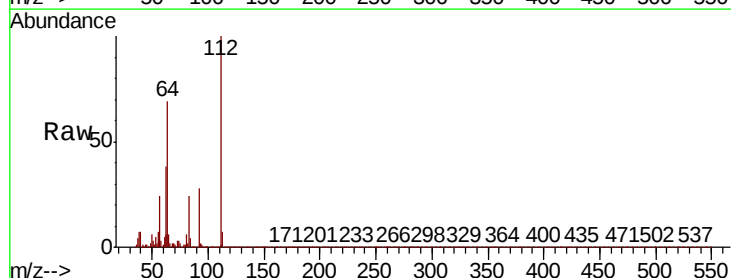
RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001133.D

Acq: 02 Dec 2019 18:43

Tgt Ion:	112	Resp:	1015138
Ion Ratio	Lower	Upper	
112	100		
64	69.4	52.8	79.2
63	38.5	28.2	42.2





#7

Phenol-d6

Concen: 122.761 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001133.D

Acq: 02 Dec 2019 18:43

Instrument :

BNA_P

ClientSampled :

TP-17-S

Tot Ion: 99 Resp: 1402982

Ion Ratio Lower Upper

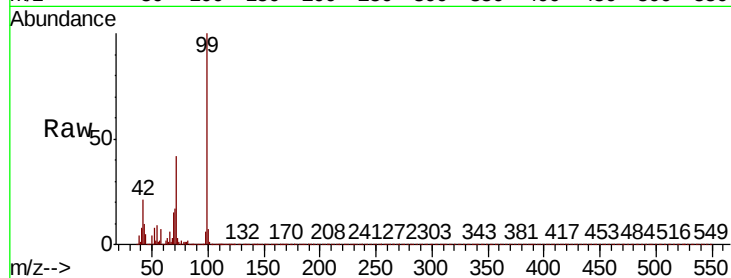
99 100

42 21.1 15.4 23.0

71 41.7 30.8 46.2

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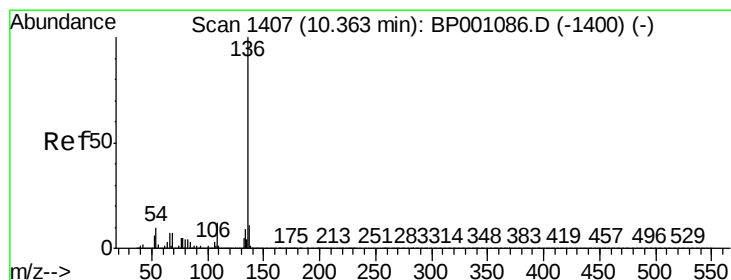
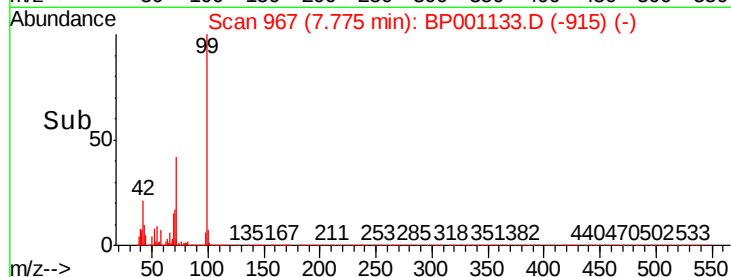
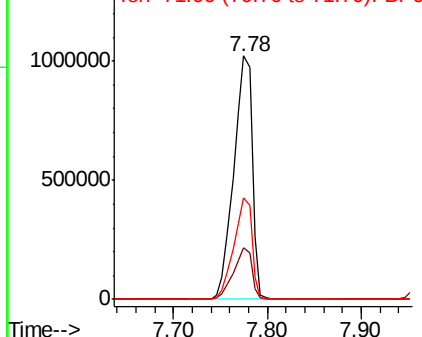
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BP001133.D

Acq: 02 Dec 2019 18:43

Tgt Ion: 136 Resp: 536399

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.3 7.9 11.9

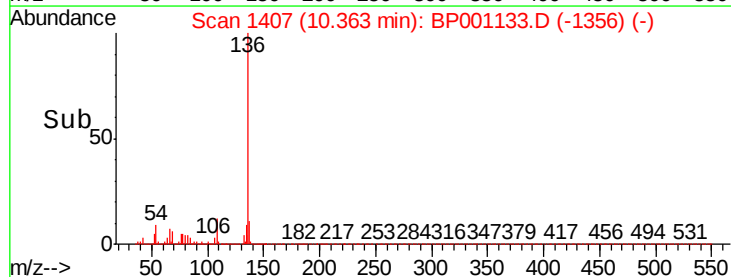
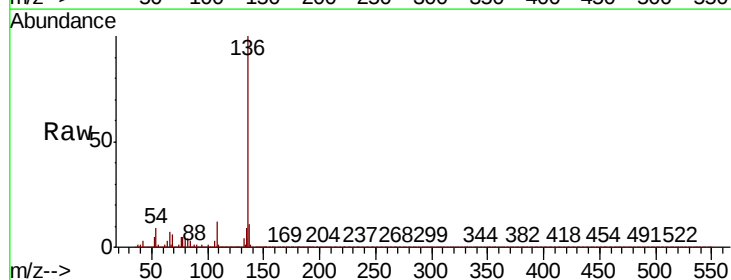
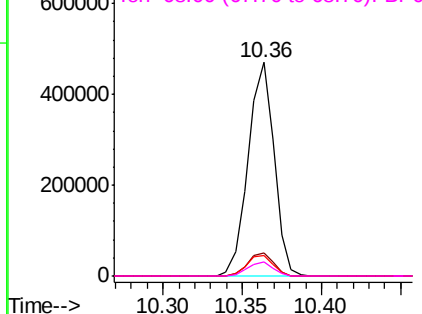
68 6.3 5.6 8.4

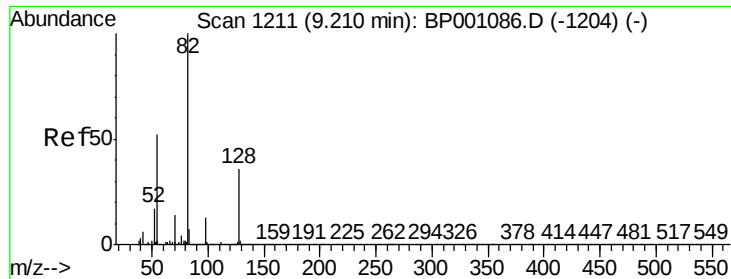
Abundance Ion 136.00 (135.70 to 136.70): E

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





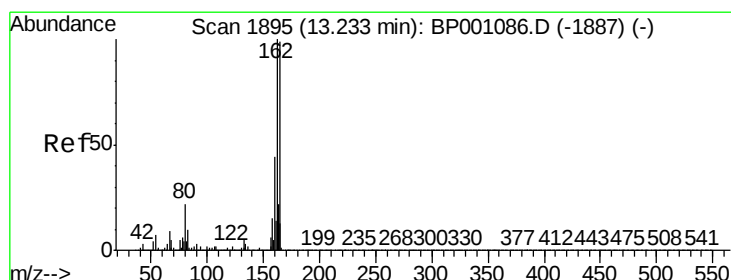
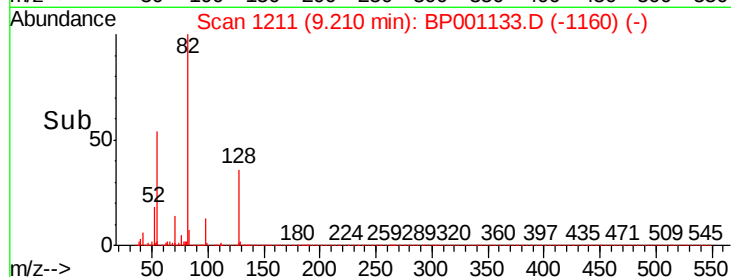
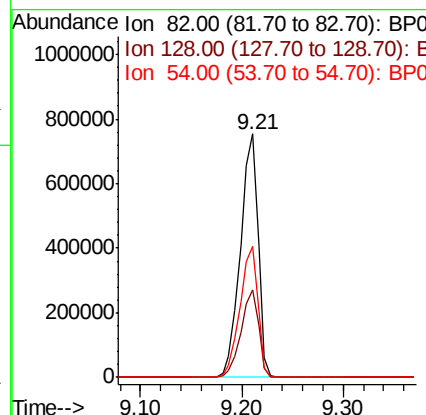
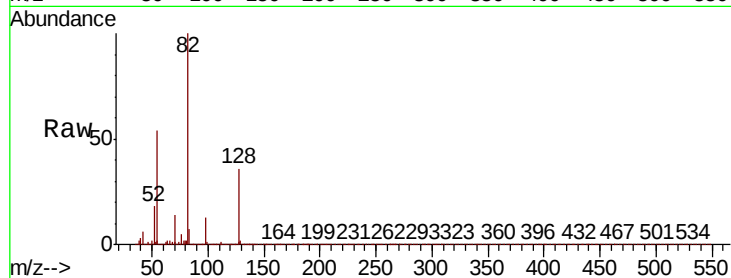
#23
Nitrobenzene-d5
Concen: 73.937 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Instrument :
BNA_P
ClientSampled :
TP-17-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.9	43.3
54	53.8	41.9	62.9

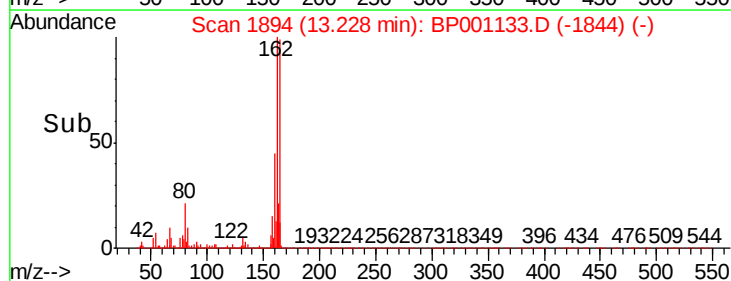
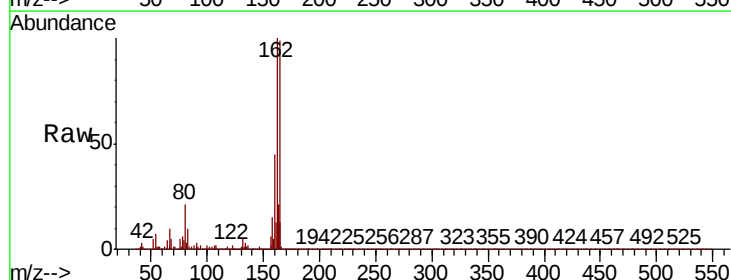
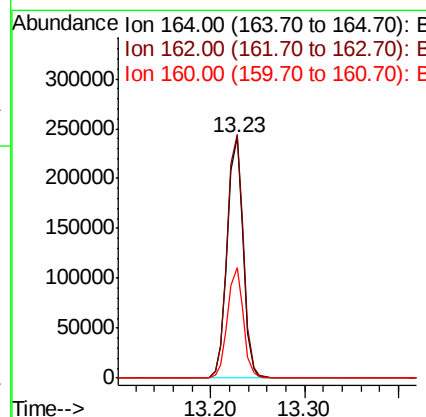
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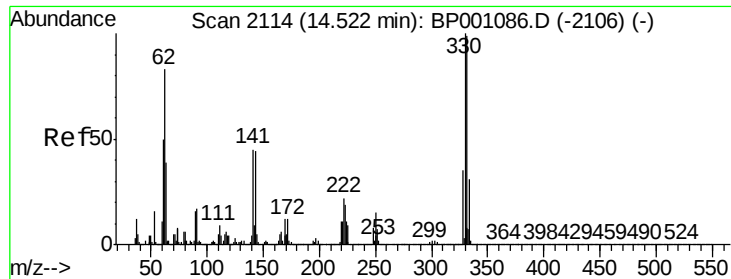
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.7	35.4	53.2





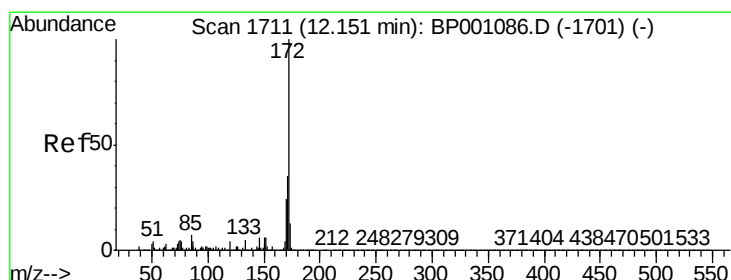
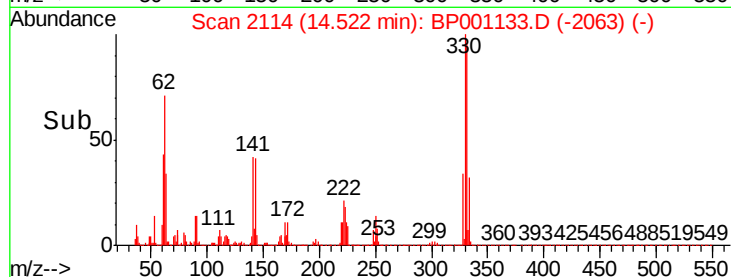
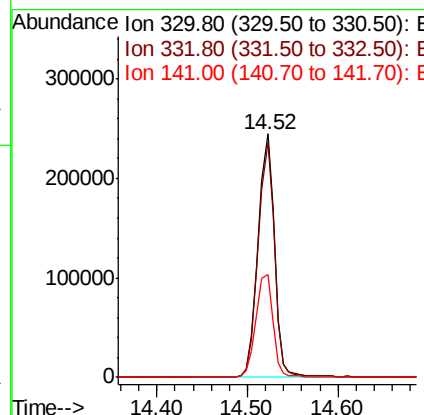
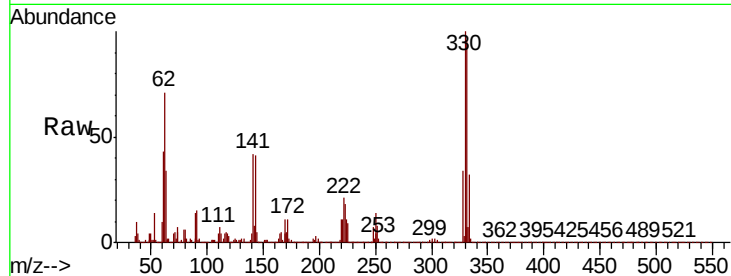
#42
2,4,6-Tribromophenol
Concen: 112.052 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Instrument :
BNA_P
ClientSampleId :
TP-17-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	306990		
332	96.5	77.6	116.4	
141	44.4	34.2	51.2	

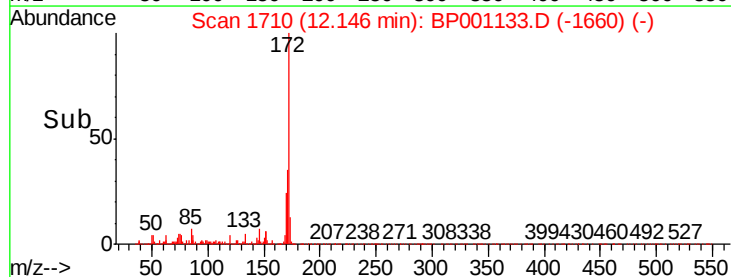
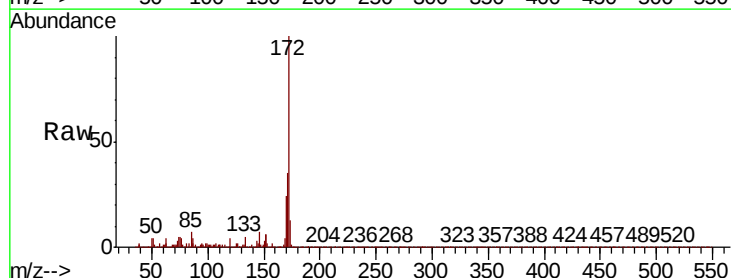
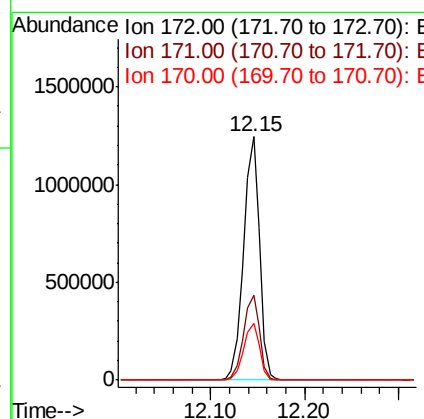
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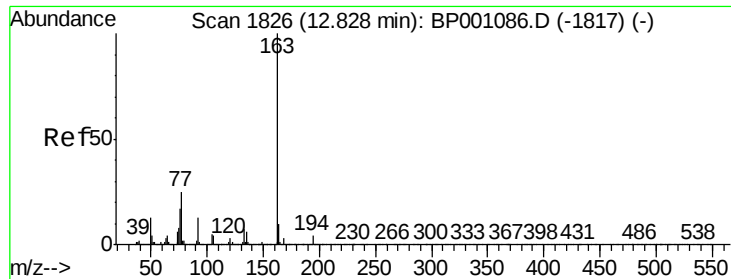
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#45
2-Fluorobiphenyl
Concen: 74.940 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1463562		
171	34.8	27.9	41.9	
170	23.5	19.0	28.4	





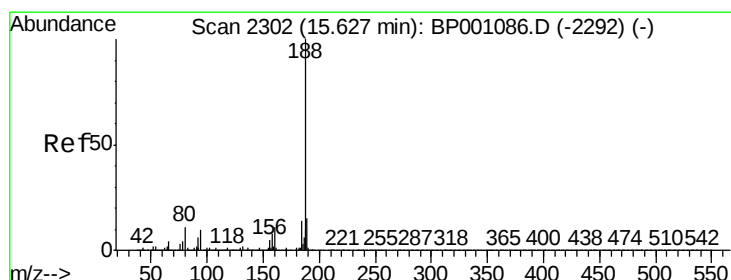
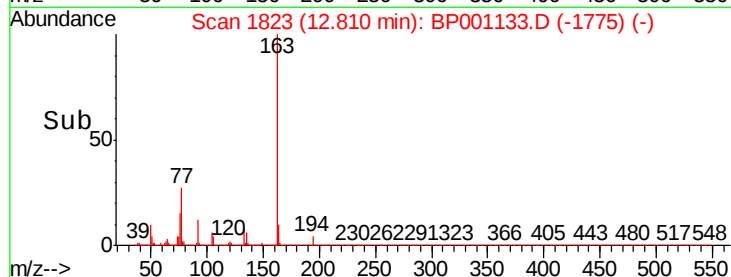
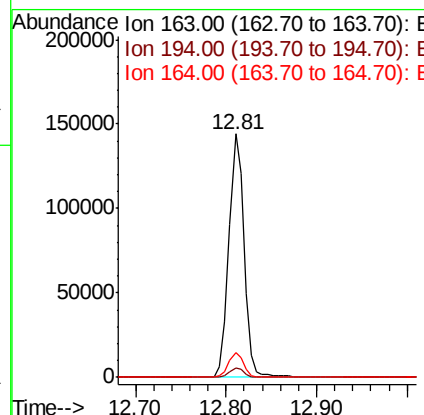
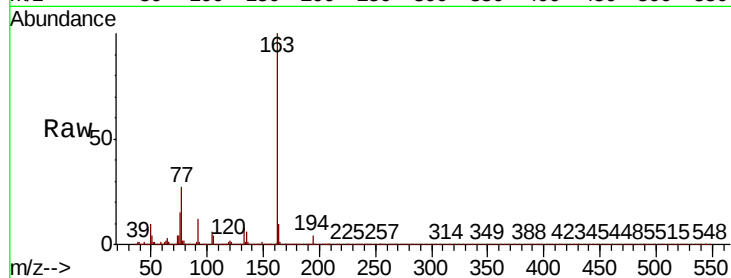
#50
Dimethylphthalate
Concen: 7.766 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Instrument :
BNA_P
ClientSampleId :
TP-17-S

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1

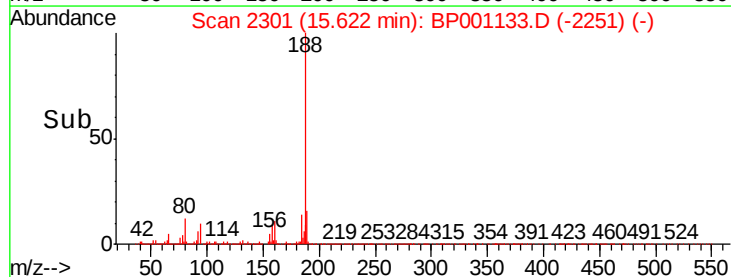
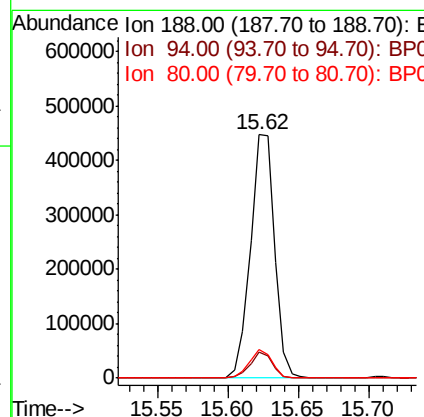
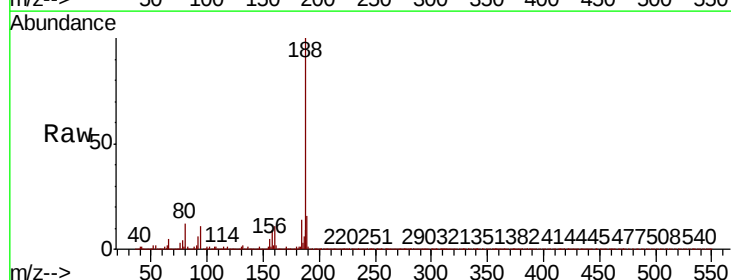
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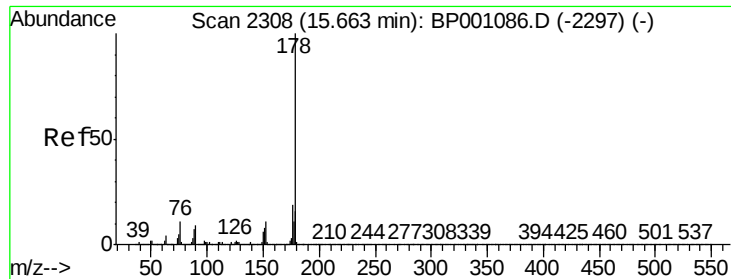
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	7.9	11.9
80	11.5	8.8	13.2





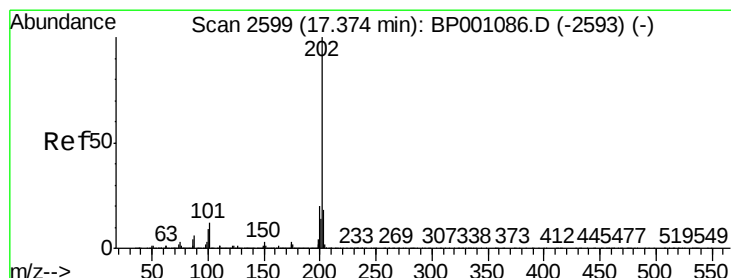
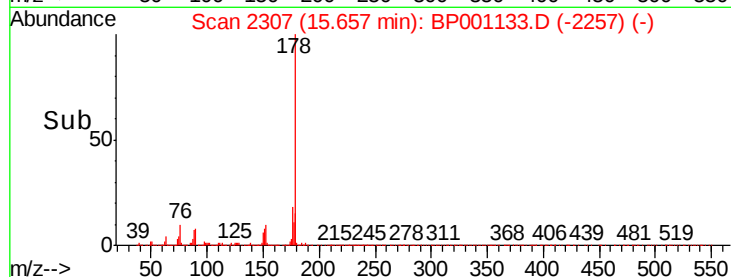
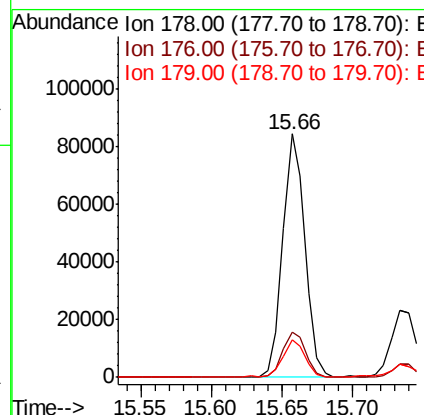
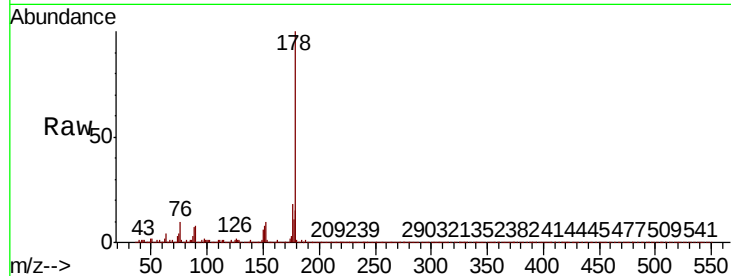
#71
Phenanthrene
Concen: 3.271 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Instrument :
BNA_P
ClientSampleId :
TP-17-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.2	12.5	18.7

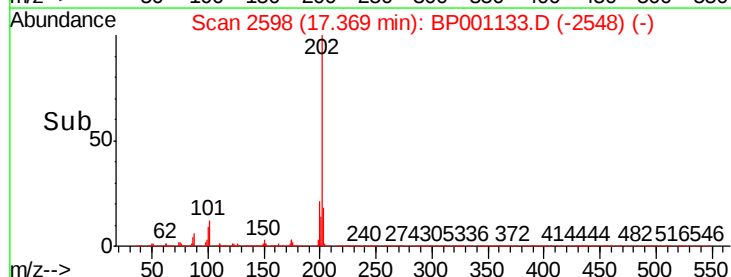
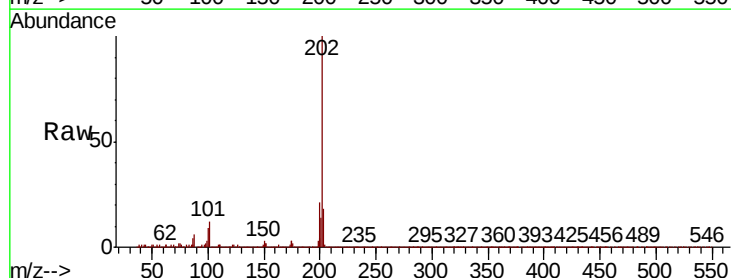
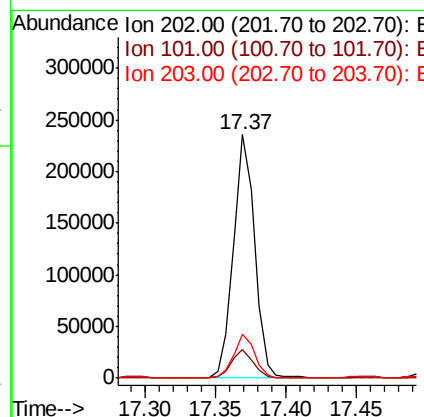
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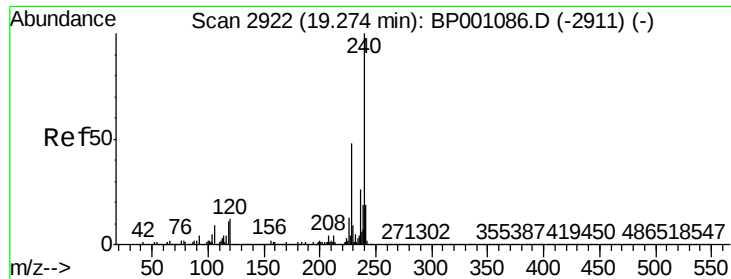
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#75
Fluoranthene
Concen: 8.250 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.1
203	18.2	0.0	37.8





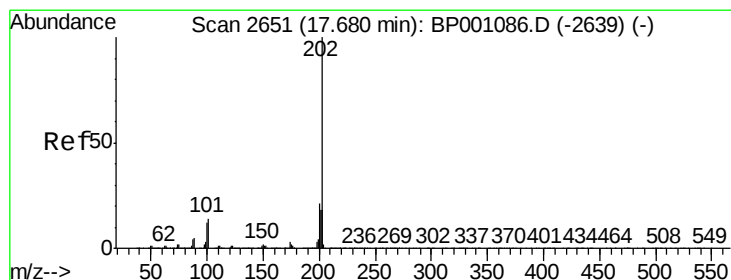
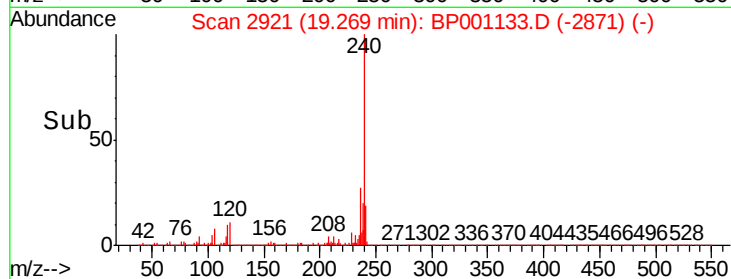
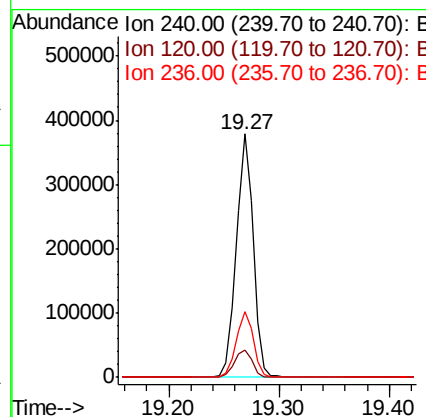
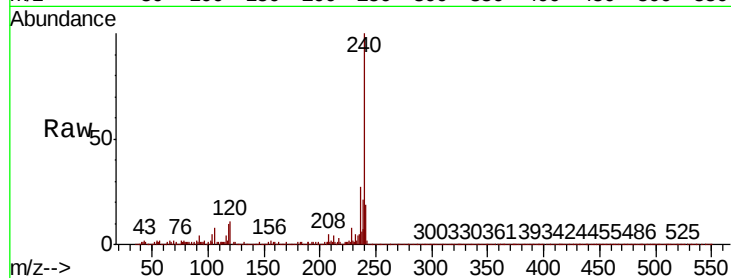
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Instrument :
BNA_P
ClientSampled :
TP-17-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.5	9.5	14.3	
236	27.1	20.4	30.6	

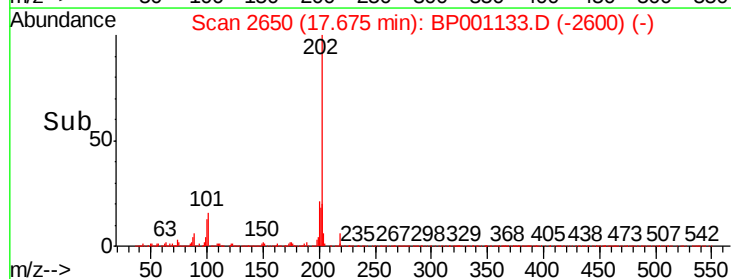
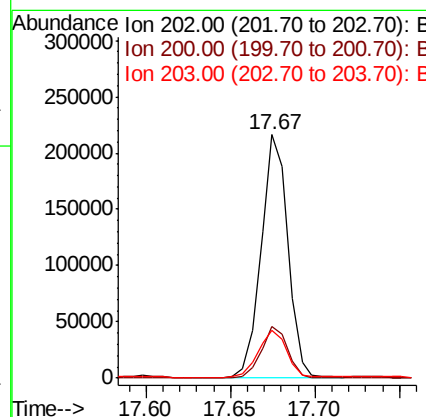
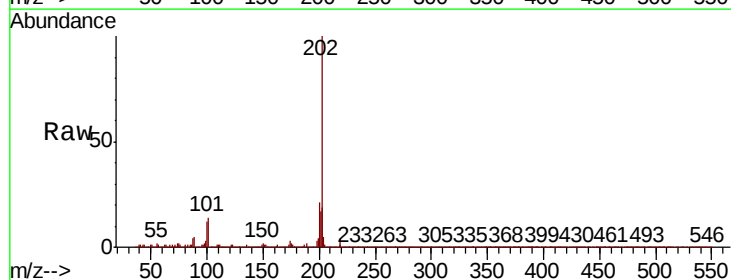
Manual Integrations
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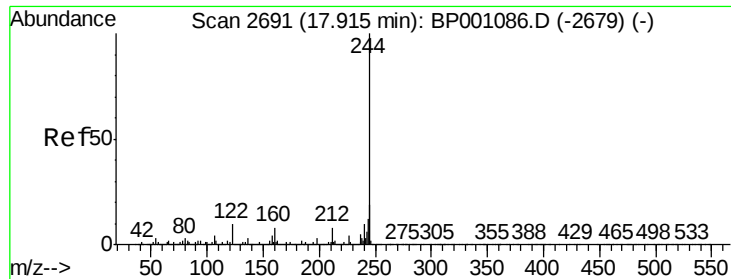
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#78
Pyrene
Concen: 7.399 ng
RT: 17.67 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	17.0	25.6	
203	19.5	14.1	21.1	





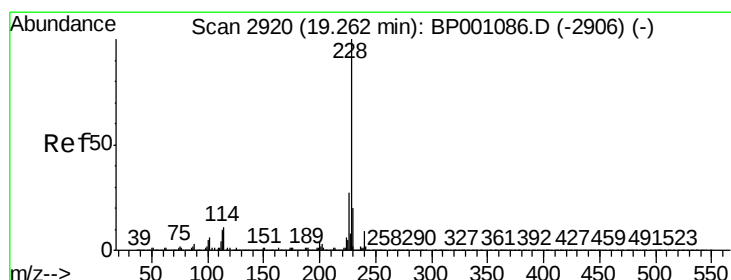
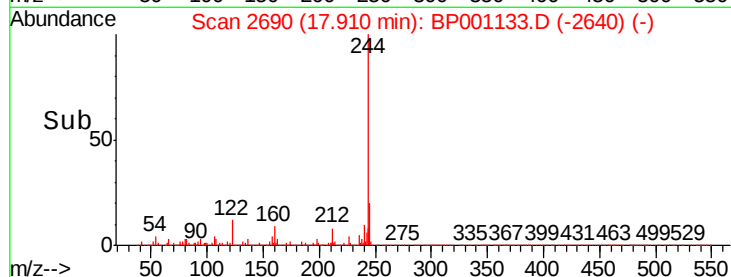
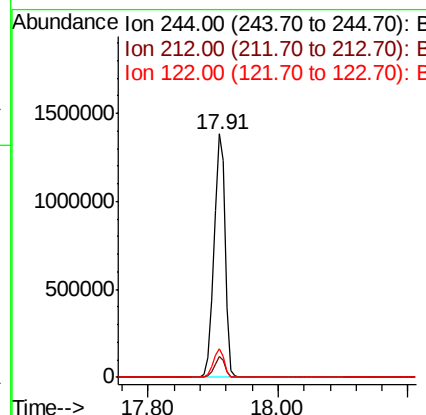
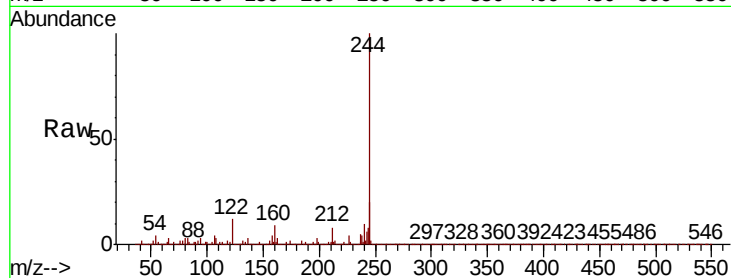
#79
 Terphenyl-d14
 Concen: 73.623 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001133.D
 Acq: 02 Dec 2019 18:43

Instrument :
 BNA_P
 ClientSampleId :
 TP-17-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	11.8	8.2	12.2

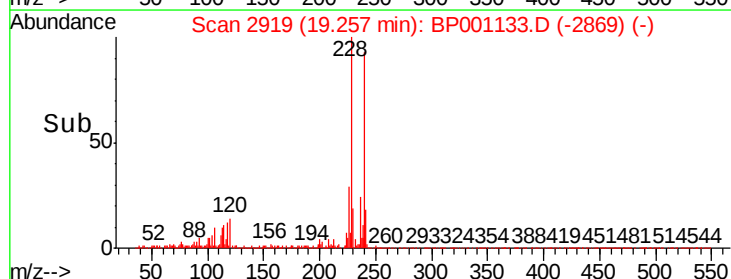
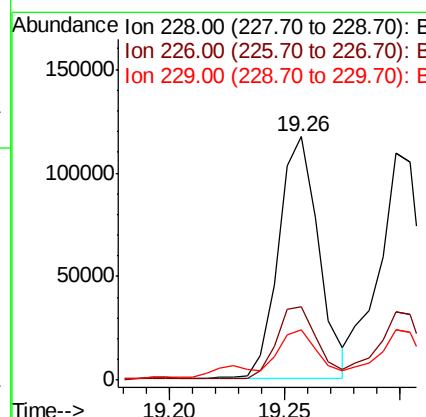
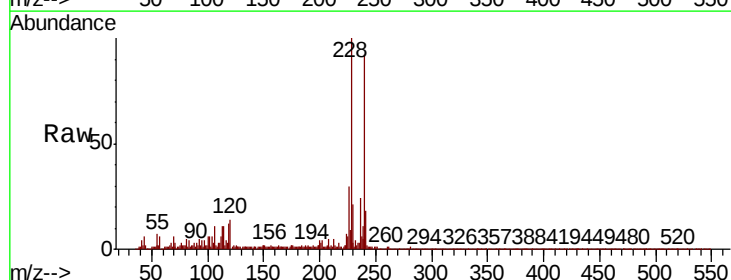
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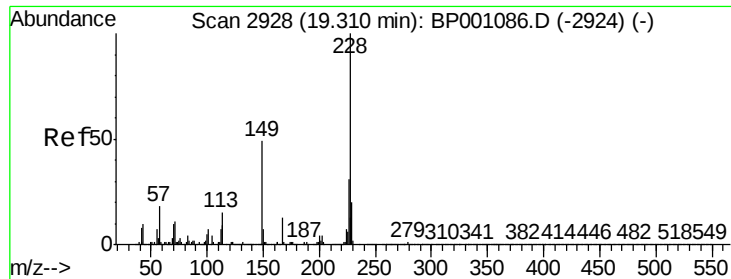
mohammad
 12/4/2019 4:59:23 PM



#81
 Benzo(a)anthracene
 Concen: 4.997 ng
 RT: 19.26 min Scan# 2919
 Delta R.T. -0.01 min
 Lab File: BP001133.D
 Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.8	32.6
229	20.6	15.8	23.6





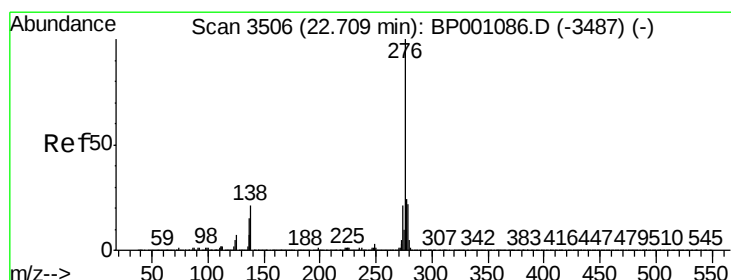
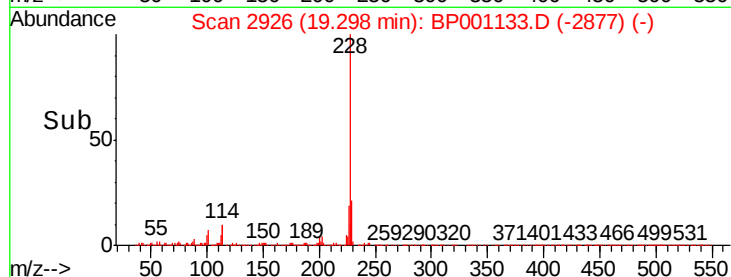
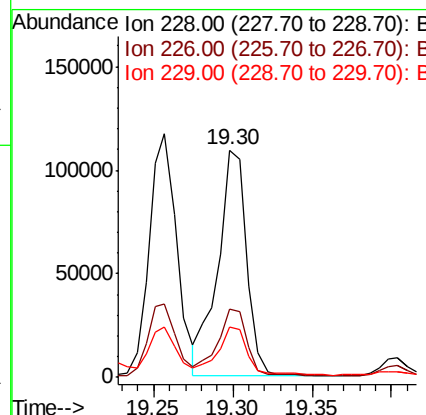
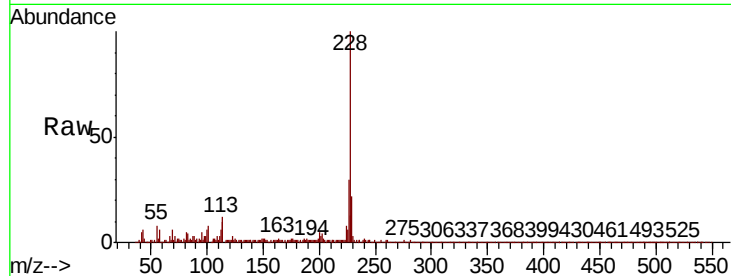
#83
Chrysene
Concen: 5.460 ng
RT: 19.30 min Scan# 2926
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Instrument :
BNA_P
ClientSampleId :
TP-17-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	22.1	15.7	23.5

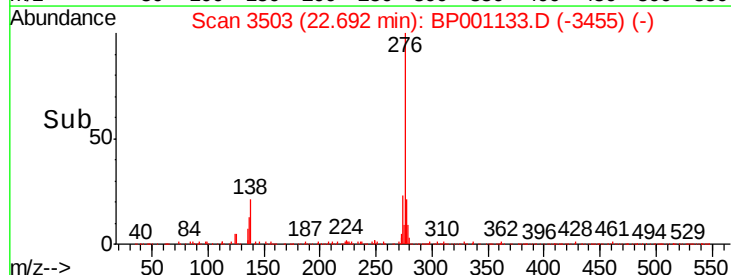
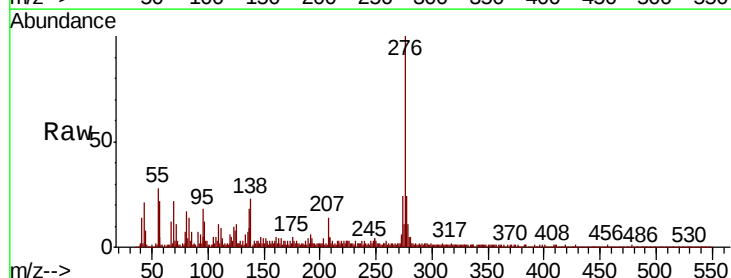
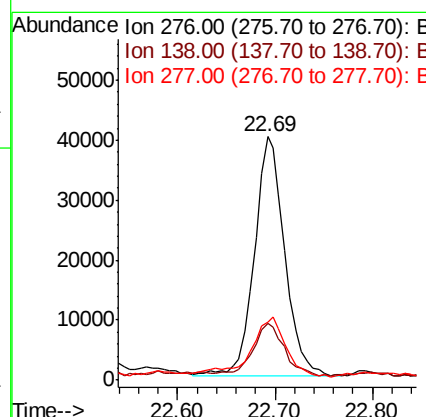
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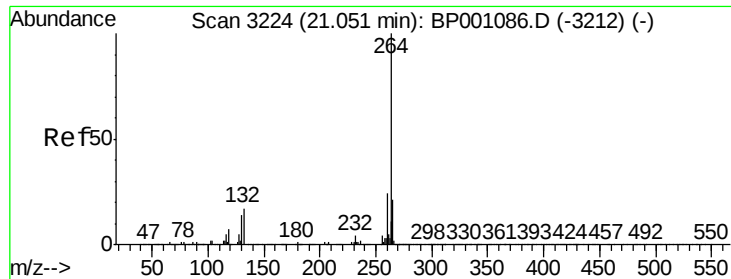
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.909 ng
RT: 22.69 min Scan# 3503
Delta R.T. -0.02 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.6	30.8
277	29.6	20.0	30.0





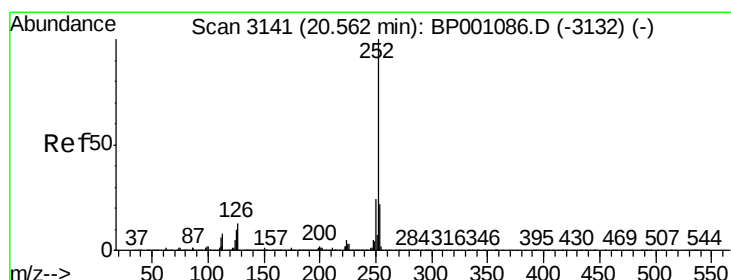
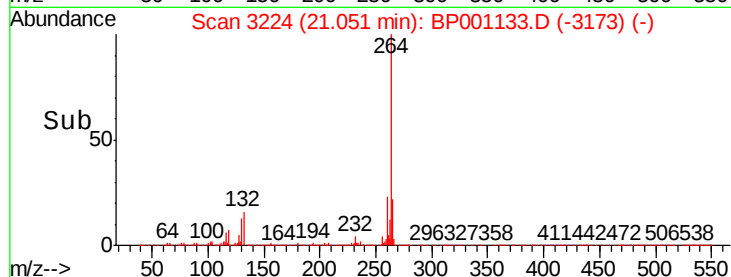
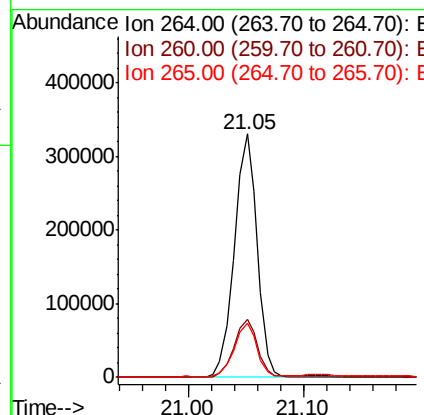
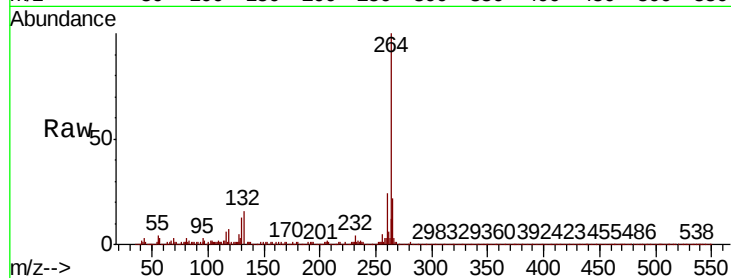
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Instrument :
BNA_P
ClientSampleId :
TP-17-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.0	16.9	25.3

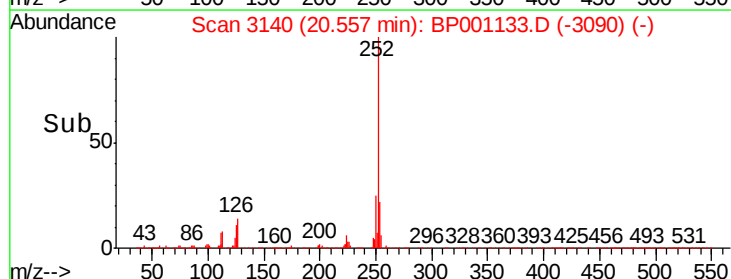
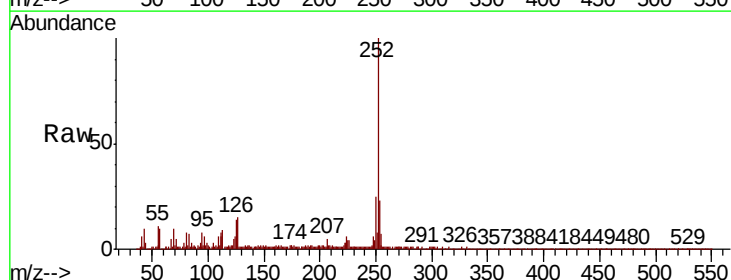
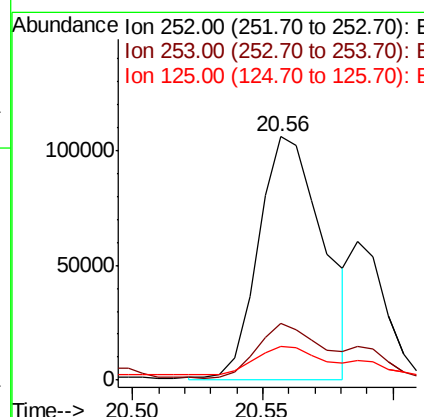
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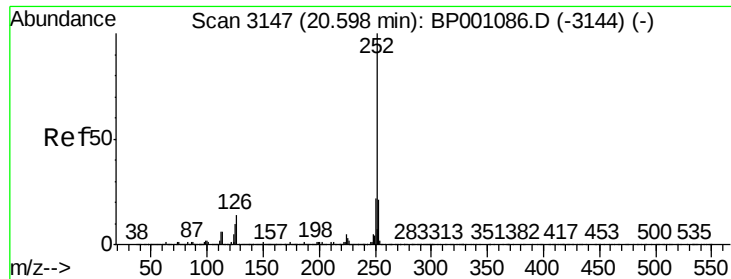
mohammad
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#88
Benzo(b)fluoranthene
Concen: 6.665 ng m
RT: 20.56 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	13.9	8.1	12.1





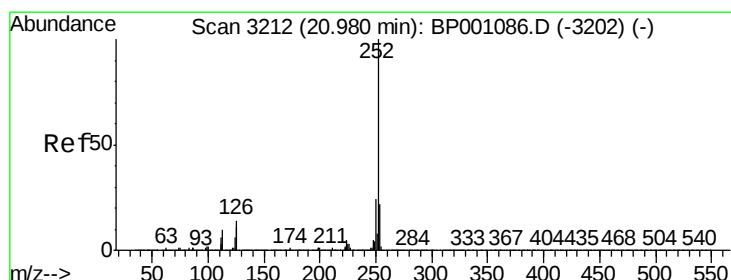
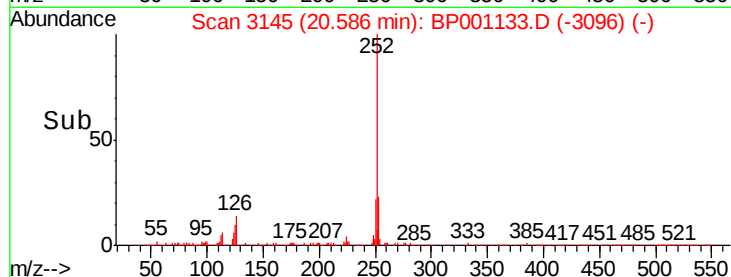
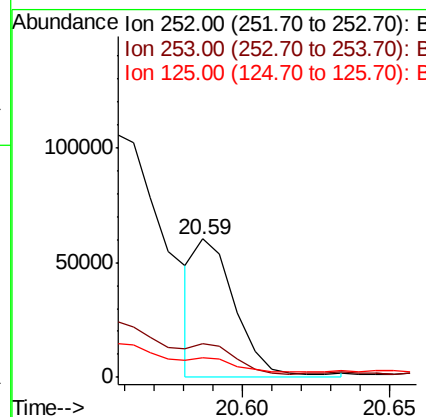
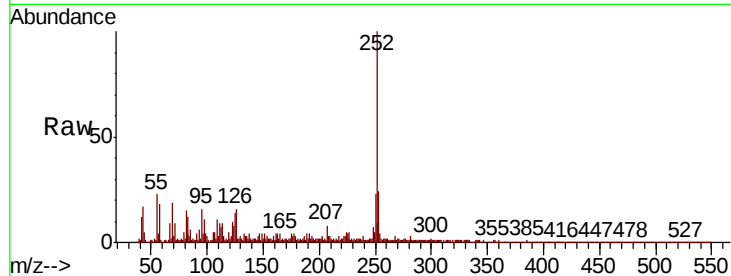
#89
Benzo(k)fluoranthene
Concen: 2.172 ng m
RT: 20.59 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Instrument :
BNA_P
ClientSampled :
TP-17-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	14.2	8.2	12.2

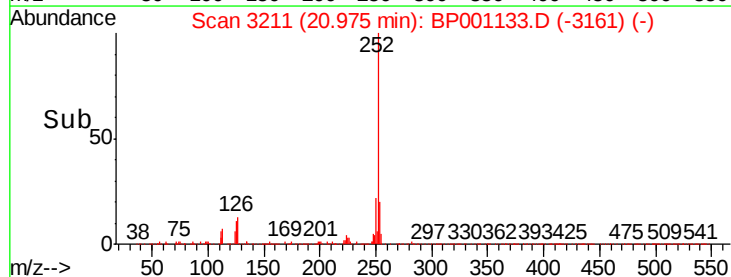
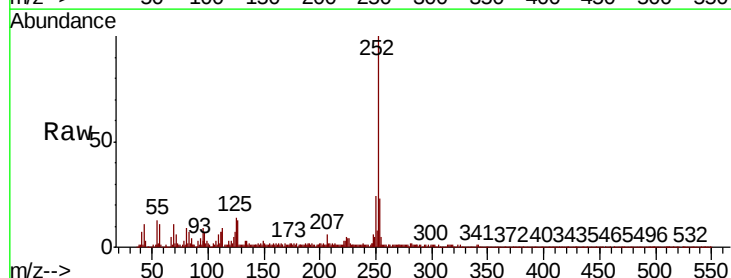
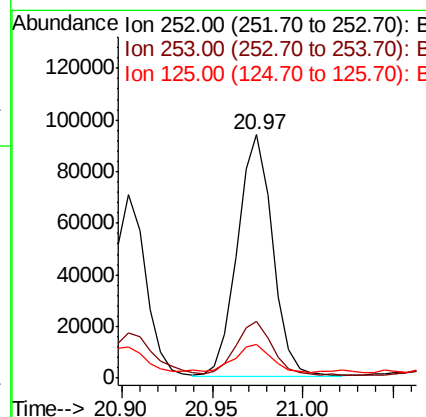
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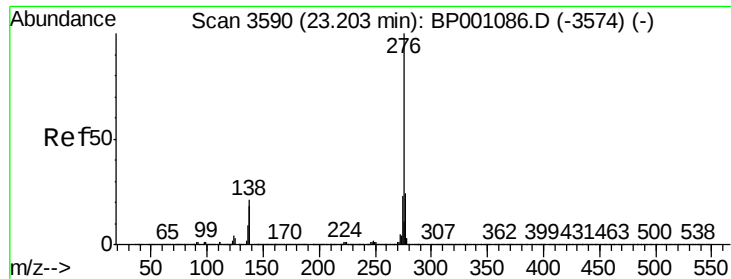
mohammad
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#90
Benzo(a)pyrene
Concen: 4.961 ng
RT: 20.97 min Scan# 3211
Delta R.T. -0.01 min
Lab File: BP001133.D
Acq: 02 Dec 2019 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	13.9	8.7	13.1





#92
 Benzo(a,h,i)perylene
 Concen: 3.532 ng
 RT: 23.19 min Scan# 3587
 Delta R.T. -0.02 min
 Lab File: BP001133.D
 Acq: 02 Dec 2019 18:43

Instrument :
 BNA_P
 ClientSampleId :
 TP-17-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	20.5	17.2	25.8

Manual Integrations
 APPROVED

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