

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
 Data File : BP002907.D
 Acq On : 05 Aug 2020 11:48
 Operator : CG/JU
 Sample : L3541-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TL-7

Manual Integrations
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Quant Time: Aug 05 12:20:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	409675	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1594221	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	990194	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2142309	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2467661	20.00	ng	0.00
86) Perylene-d12	23.46	264	2503612	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2087454	77.98	ng	0.00
7) Phenol-d6	6.89	99	2649415	71.29	ng	0.00
23) Nitrobenzene-d5	8.86	82	1557298	52.91	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1139948	92.63	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3828545	52.83	ng	0.00
79) Terphenyl-d14	19.67	244	5548489	45.01	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.81	163	451444	5.829	ng	99
71) Phenanthrene	17.15	178	1418463	11.291	ng	98
72) Anthracene	17.23	178	408893	3.330	ng	99
75) Fluoranthene	19.12	202	2829774	19.551	ng	99
78) Pyrene	19.47	202	2414983	13.999	ng	98
80) Butylbenzylphthalate	20.36	149	9596	3.186	ng	95
81) Benzo(a)anthracene	21.18	228	1698330	10.104	ng	98
83) Chrysene	21.23	228	1396061m	8.805	ng	
87) Indeno(1,2,3-cd)pyrene	25.76	276	785032	3.915	ng	96
88) Benzo(b)fluoranthene	22.78	252	1789264	10.127	ng	100
89) Benzo(k)fluoranthene	22.82	252	730119m	4.372	ng	
90) Benzo(a)pyrene	23.36	252	1314883	8.237	ng	98
92) Benzo(a,h,i)perylene	26.46	276	728355	4.414	ng	99

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

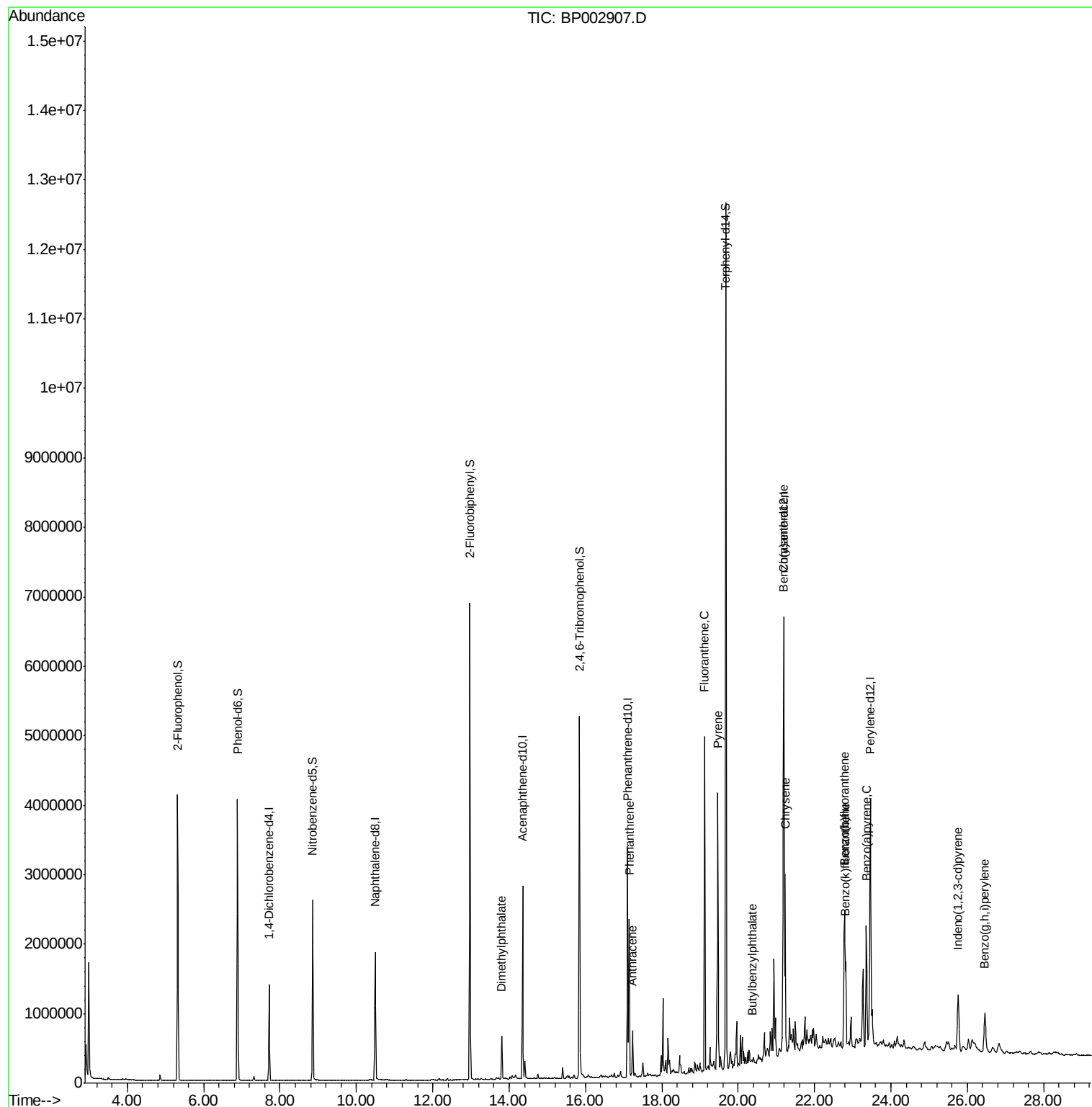
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Data File : BP002907.D
Acq On : 05 Aug 2020 11:48
Operator : CG/JU
Sample : L3541-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

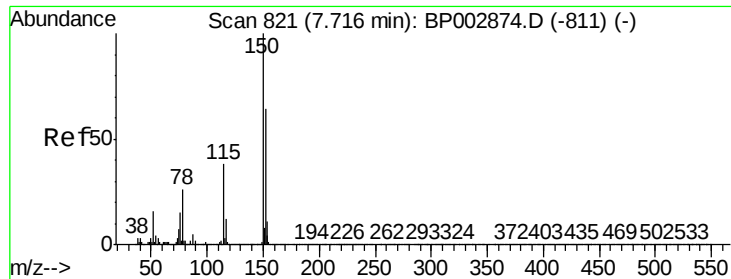
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
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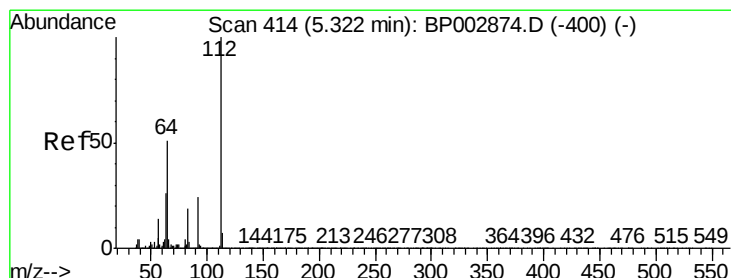
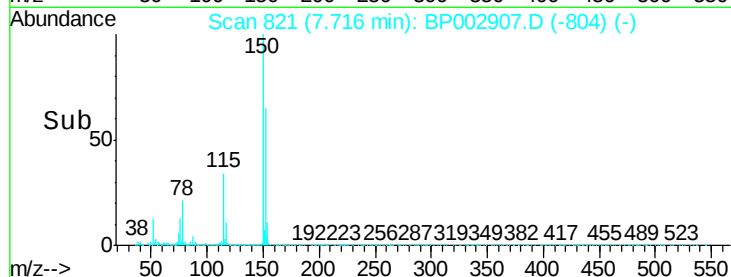
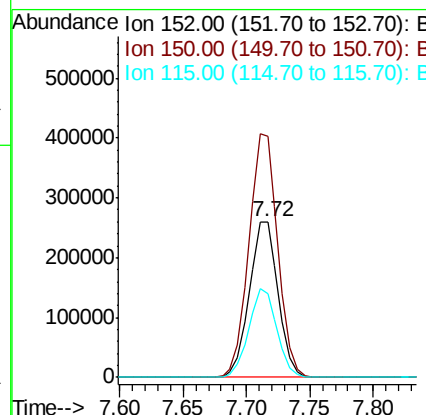
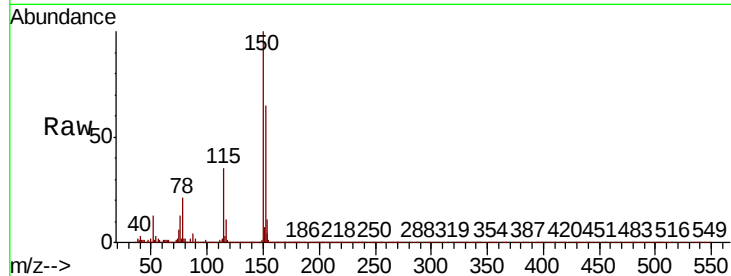
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BP002907.D
 Acq: 05 Aug 2020 11:48

Instrument :
 BNA_P
 ClientSampled :
 TL-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.8	187.2
115	53.4	47.4	71.2

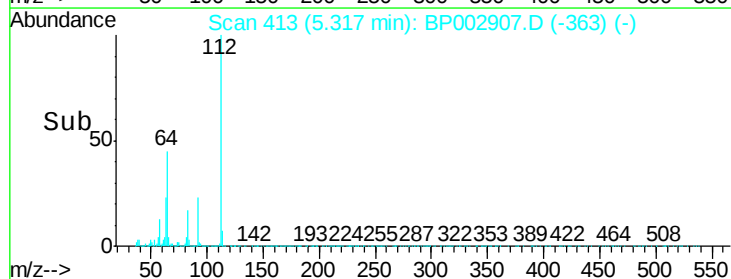
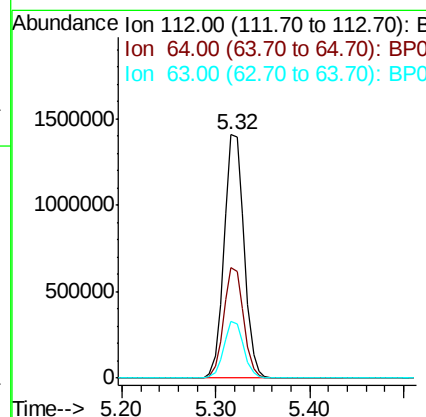
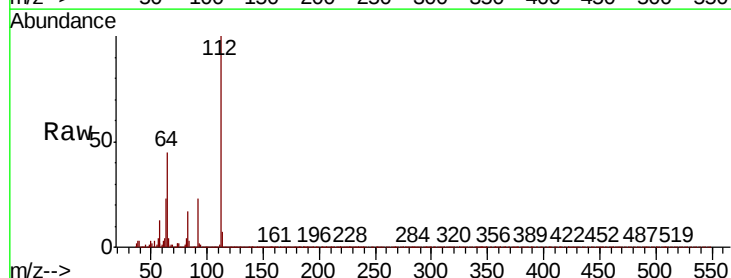
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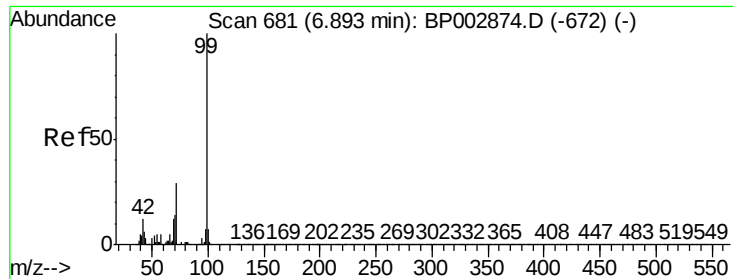
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#5
 2-Fluorophenol
 Concen: 77.985 ng
 RT: 5.32 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BP002907.D
 Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	41.0	61.6
63	23.3	20.7	31.1





#7

Phenol-d6

Concen: 71.291 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002907.D

Acq: 05 Aug 2020 11:48

Instrument :

BNA_P

ClientSampleId :

TL-7

Tot Ion: 99 Resp: 2649415

Ion Ratio Lower Upper

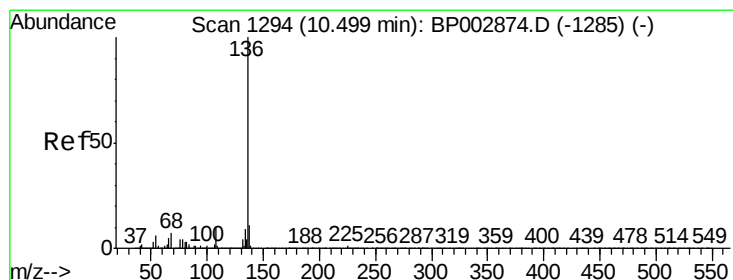
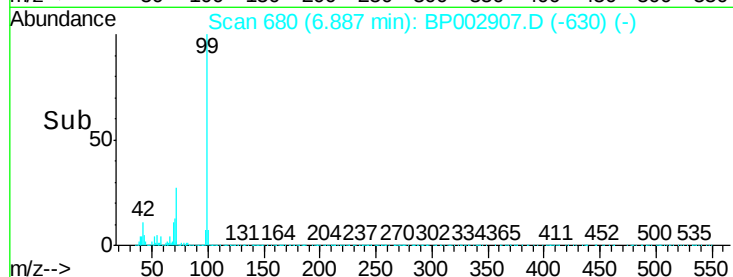
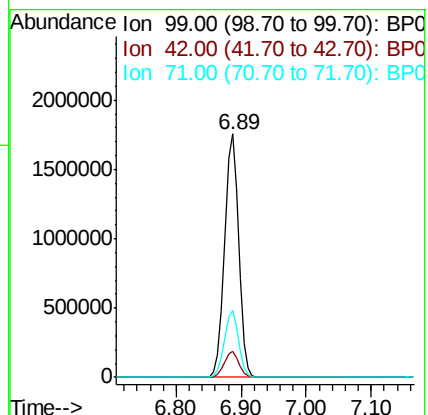
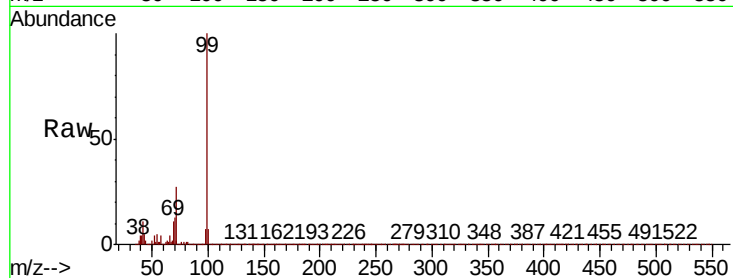
99 100

42 10.6 9.3 13.9

71 27.3 23.5 35.3

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP002907.D

Acq: 05 Aug 2020 11:48

Tgt Ion: 136 Resp: 1594221

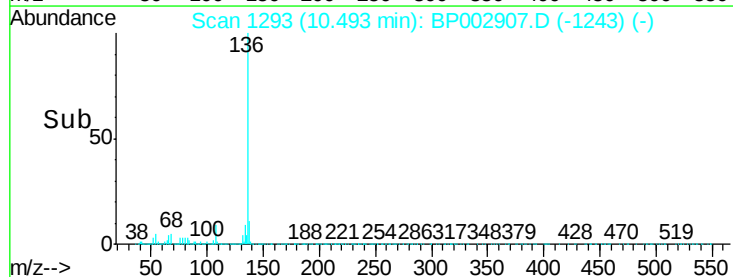
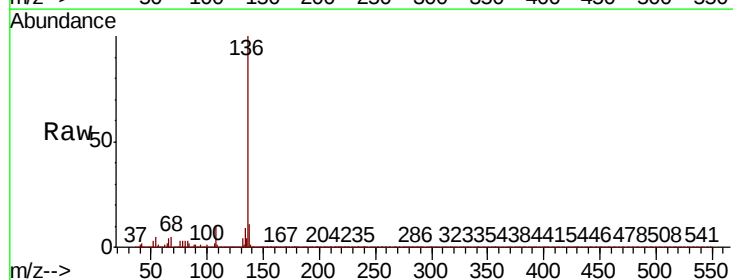
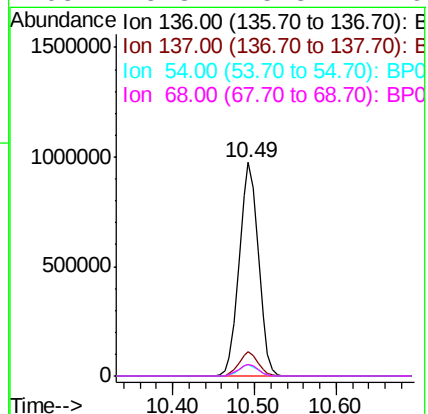
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.3 5.1 7.7

68 5.3 5.3 7.9





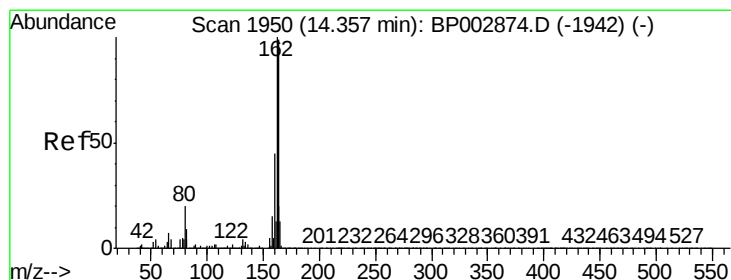
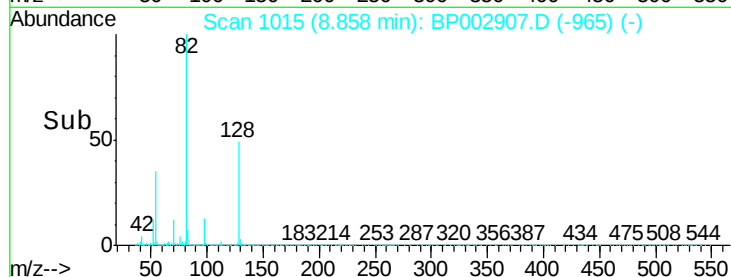
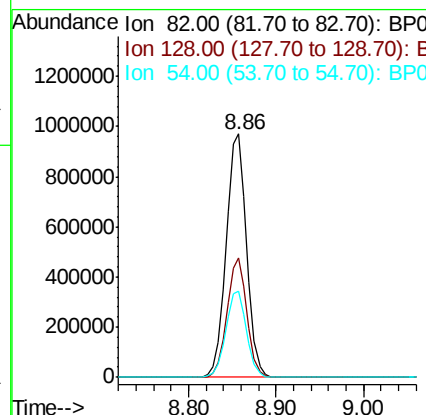
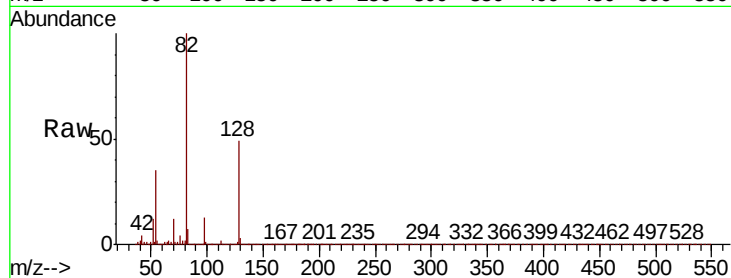
#23
Nitrobenzene-d5
Concen: 52.908 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Instrument :
BNA_P
ClientSampleId :
TL-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.6	52.0
54	35.4	29.5	44.3

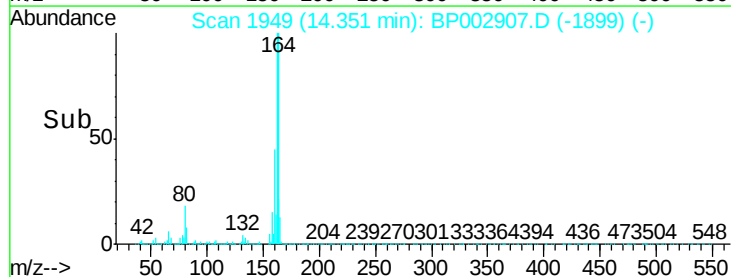
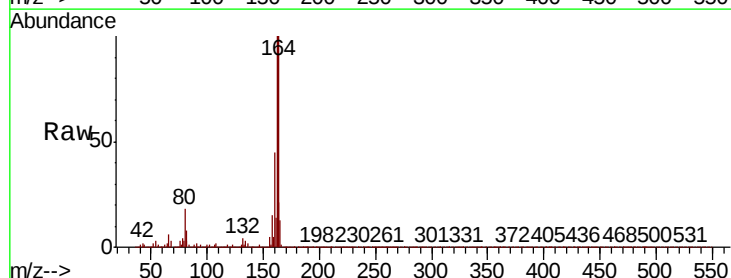
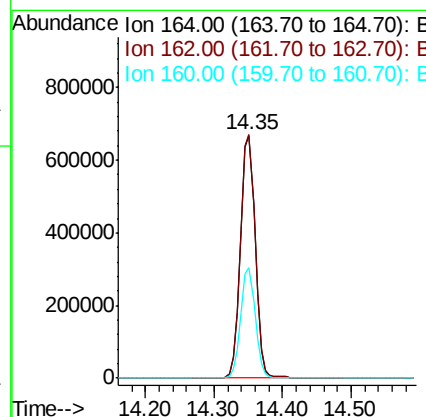
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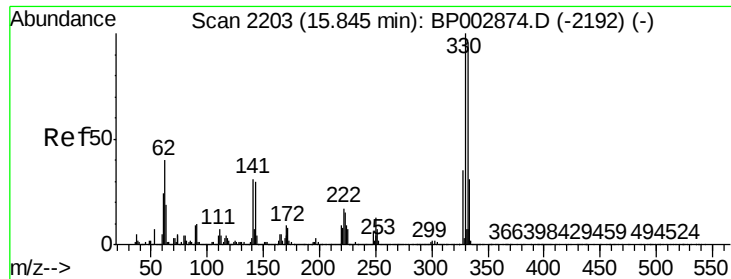
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.6
160	45.6	36.2	54.4





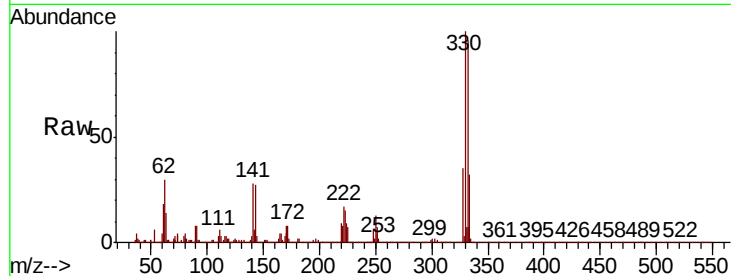
#42
2,4,6-Tribromophenol
Concen: 92.626 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Instrument :
BNA_P
ClientSampled :
TL-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	27.8	24.6	37.0

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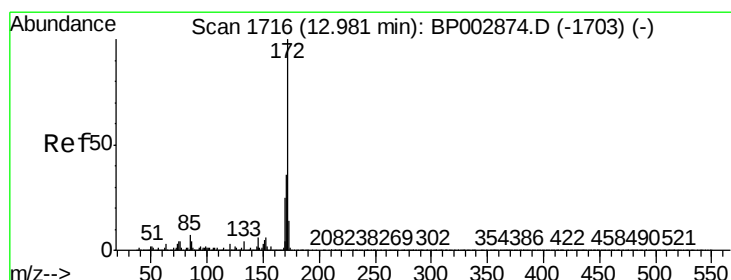
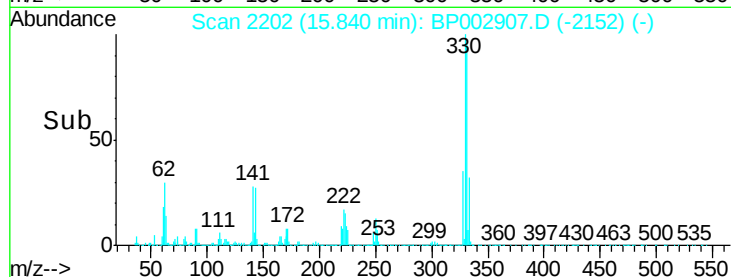
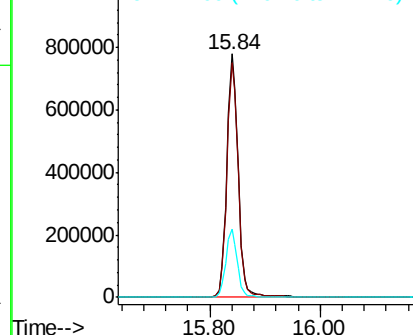


Abundance

Ion 329.80 (329.50 to 330.50): E

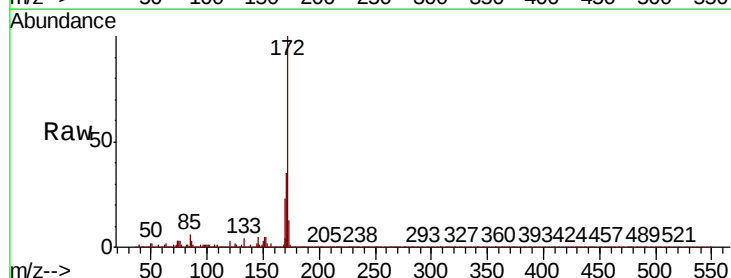
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 52.827 ng
RT: 12.98 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.1	43.7
170	23.4	19.6	29.4

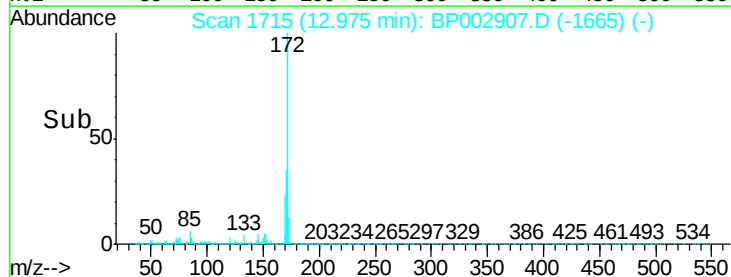
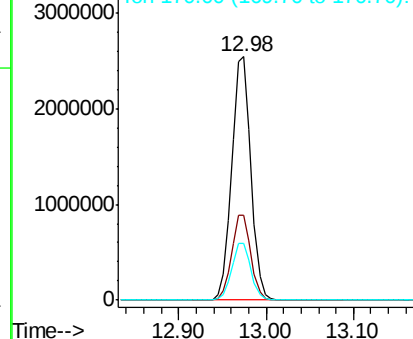


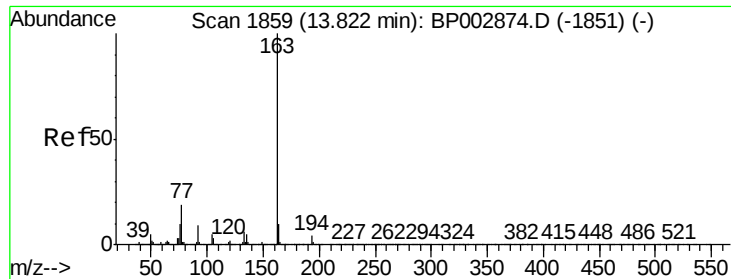
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





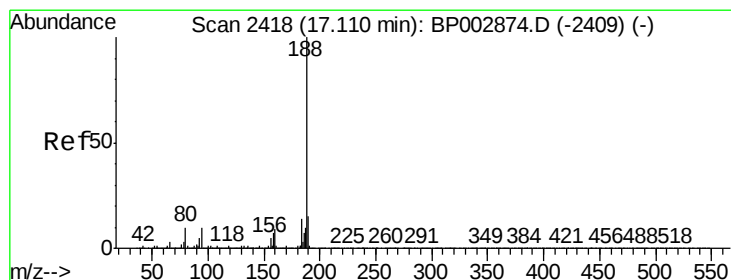
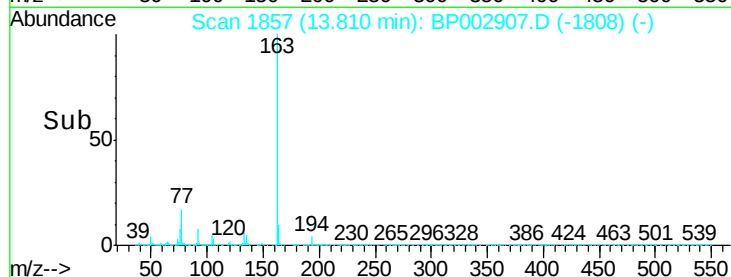
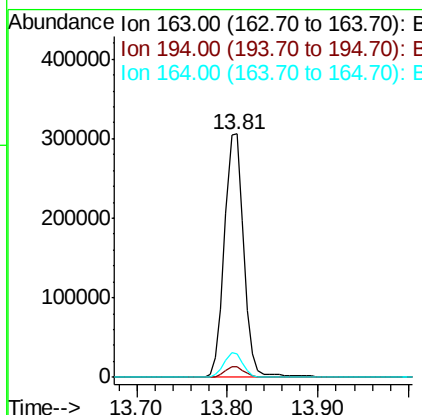
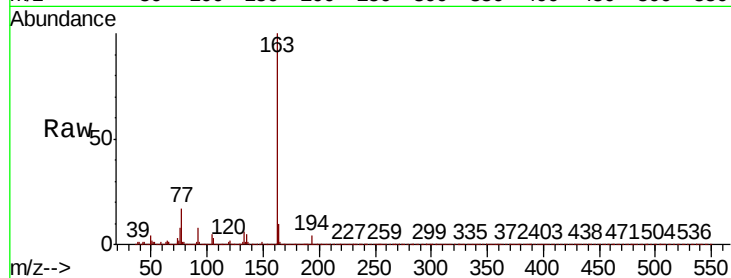
#50
Dimethylphthalate
Concen: 5.829 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Instrument :
BNA_P
ClientSampleId :
TL-7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.7	8.2	12.2

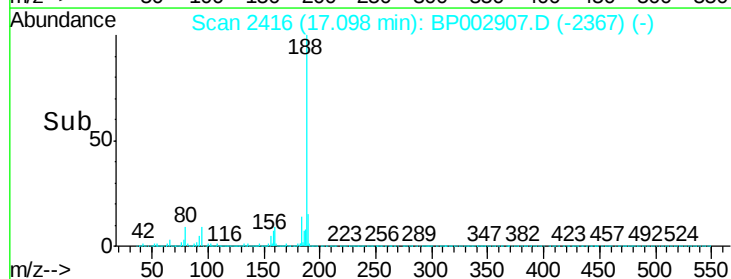
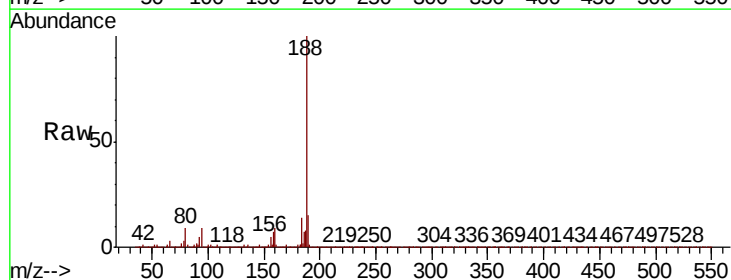
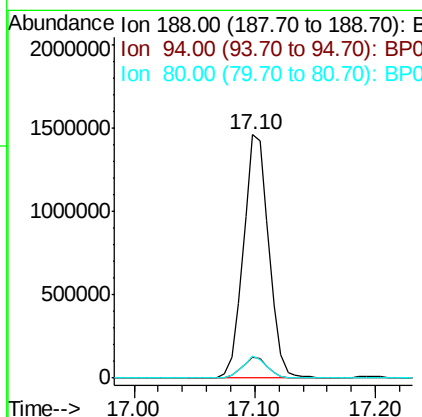
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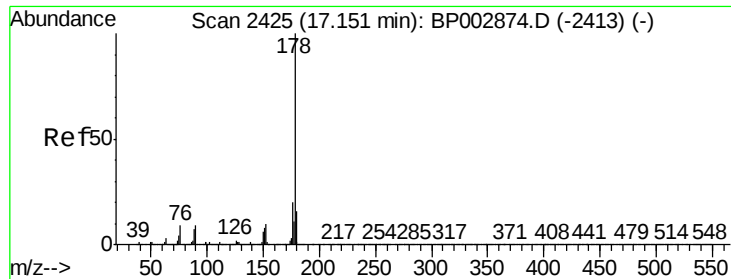
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	9.2	8.0	12.0





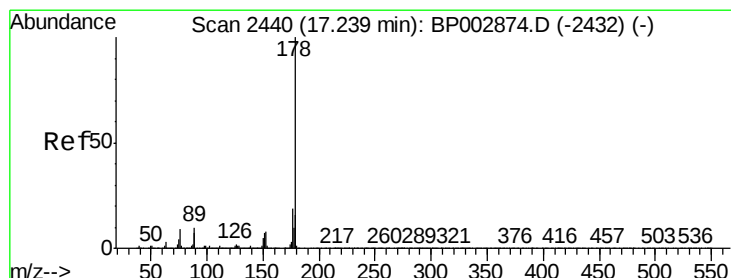
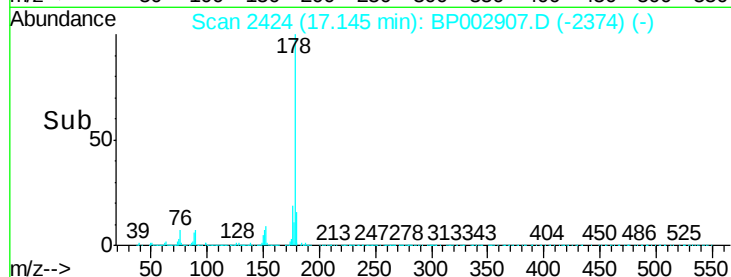
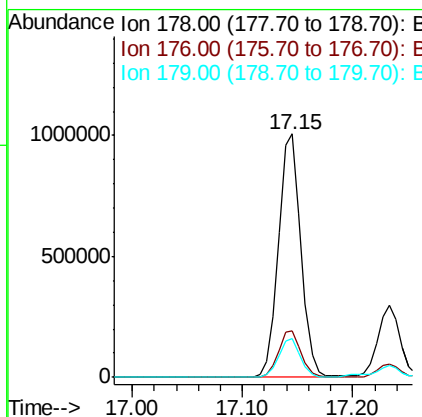
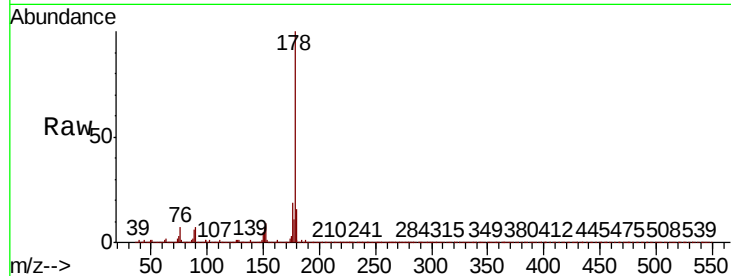
#71
Phenanthrene
Concen: 11.291 ng
RT: 17.15 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Instrument :
BNA_P
ClientSampled :
TL-7

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	15.8	13.0	19.4

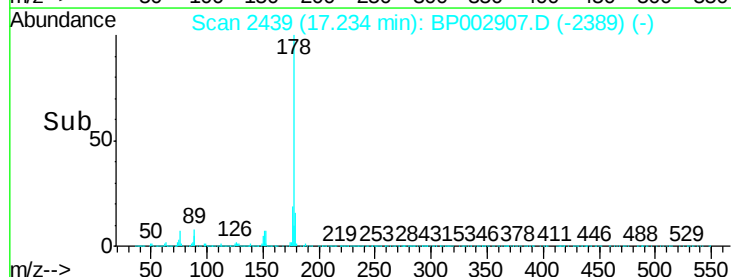
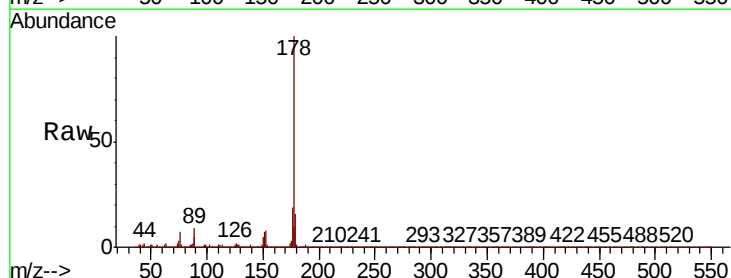
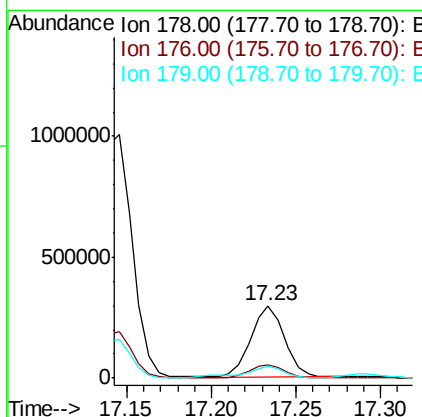
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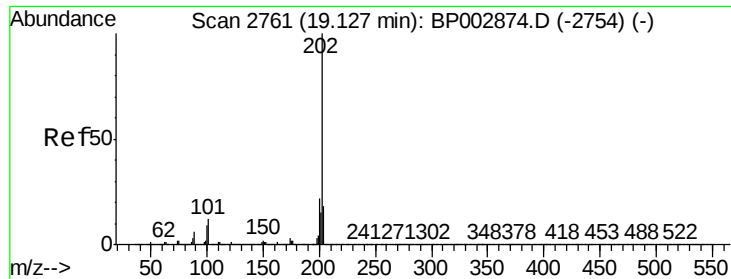
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#72
Anthracene
Concen: 3.330 ng
RT: 17.23 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.6	13.1	19.7





#75

Fluoranthene

Concen: 19.551 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BP002907.D

Acq: 05 Aug 2020 11:48

Instrument :

BNA_P

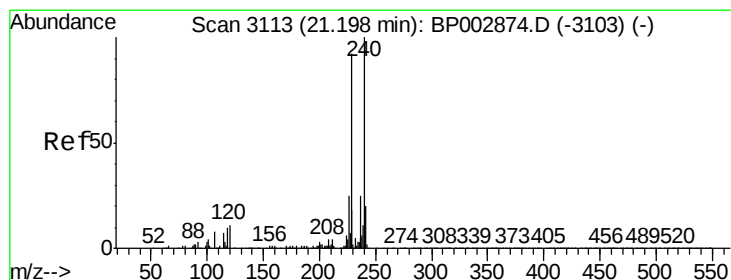
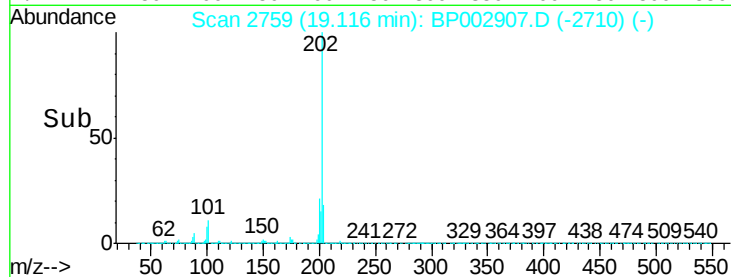
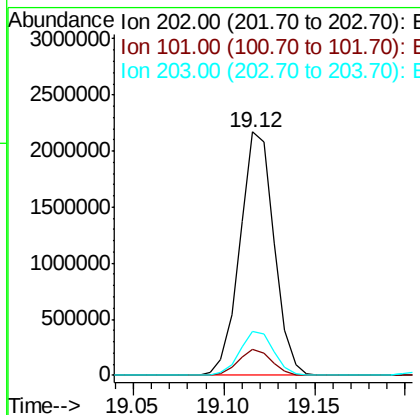
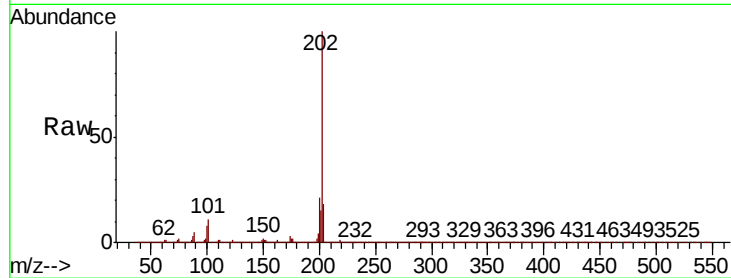
ClientSampled :

TL-7

Tot Ion:	202	Resp:	2829774
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.6
203	18.2	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

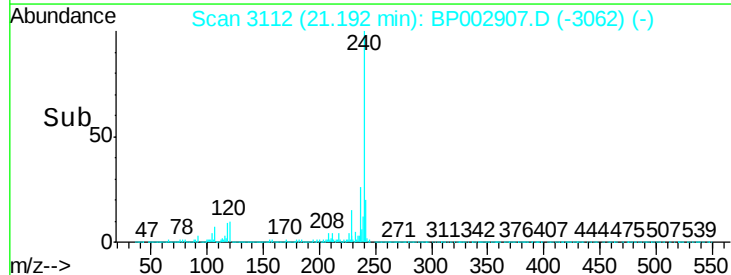
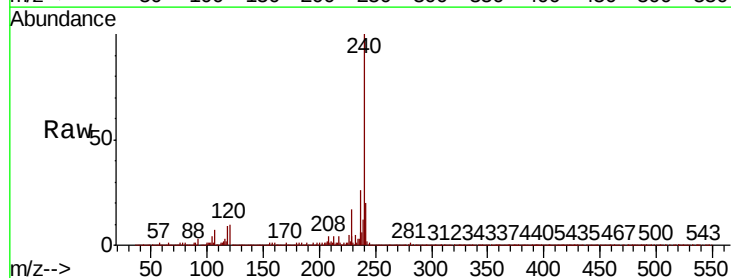
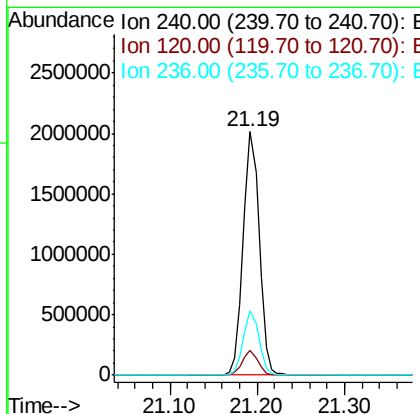
RT: 21.19 min Scan# 3112

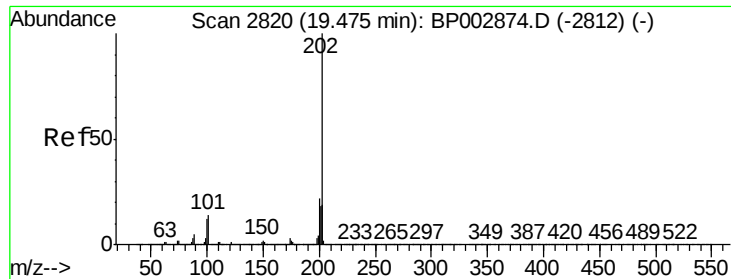
Delta R.T. -0.01 min

Lab File: BP002907.D

Acq: 05 Aug 2020 11:48

Tgt Ion:	240	Resp:	2467661
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.9	13.3
236	26.3	20.3	30.5





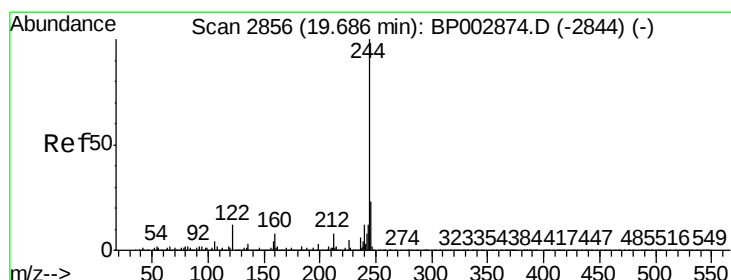
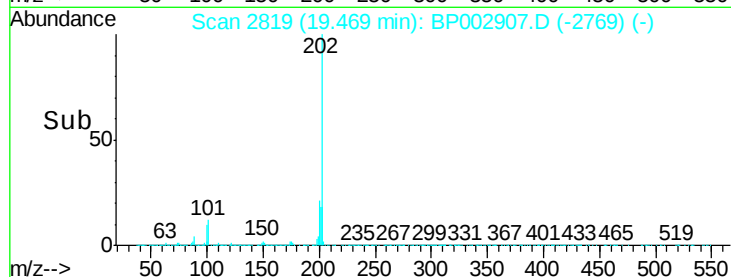
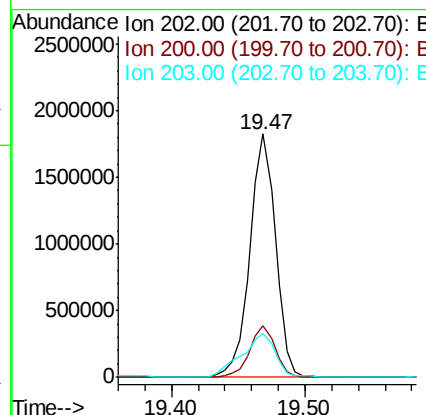
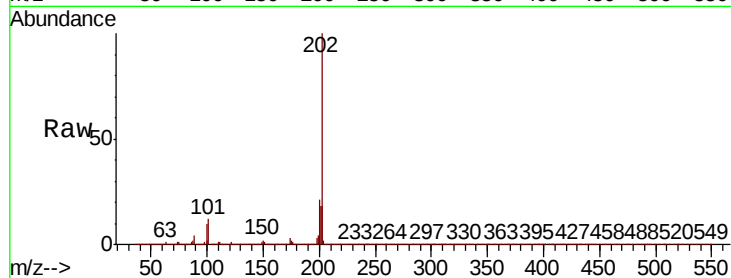
#78
Pvrene
Concen: 13.999 ng
RT: 19.47 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Instrument :
BNA_P
ClientSampled :
TL-7

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.9	26.9
203	18.1	15.1	22.7

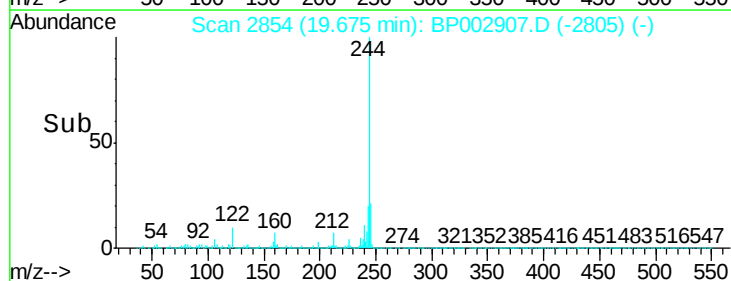
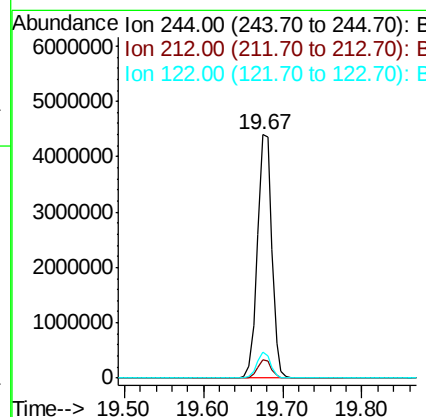
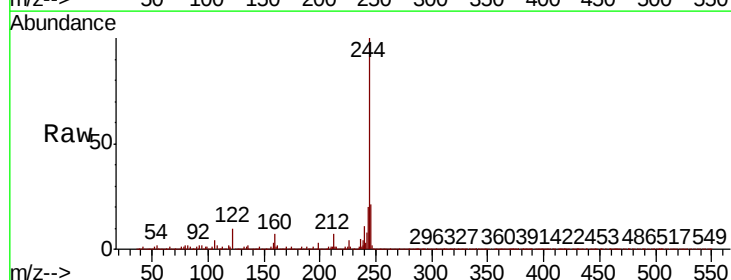
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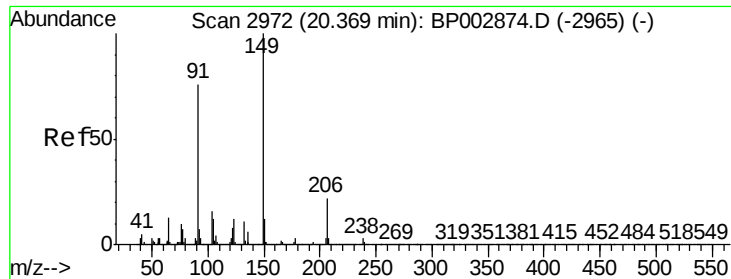
mohammad
8/6/2020 1:21:15 PM



#79
Terphenyl-d14
Concen: 45.014 ng
RT: 19.67 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	10.5	9.4	14.2





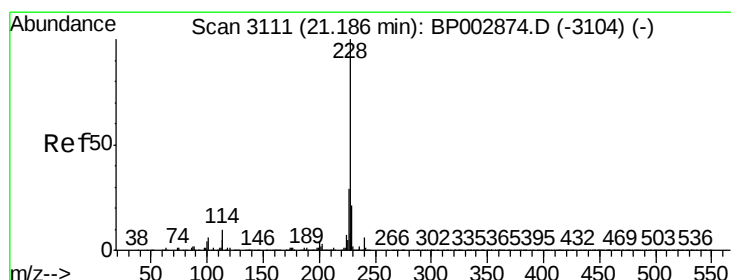
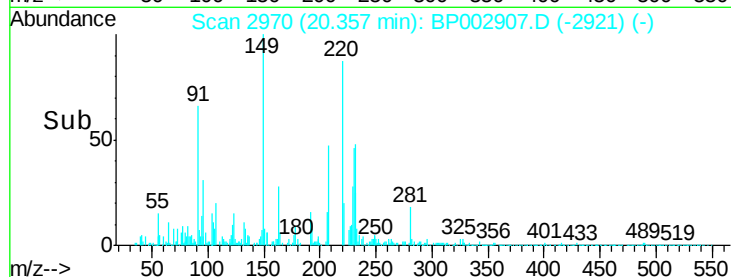
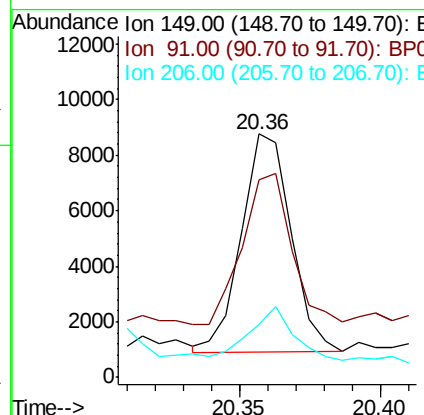
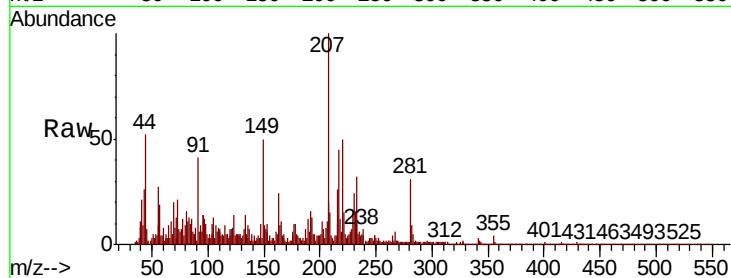
#80
Butylbenzylphthalate
Concen: 3.186 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Instrument :
BNA_P
ClientSampled :
TL-7

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.1	60.5	90.7
206	21.6	17.5	26.3

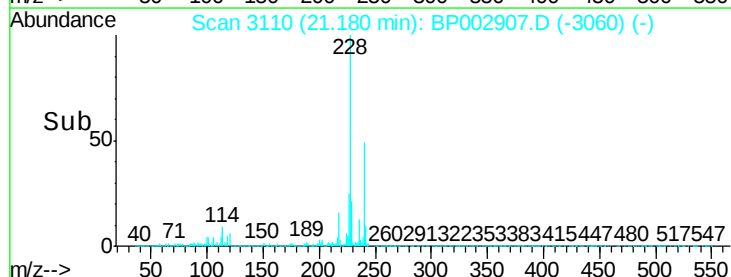
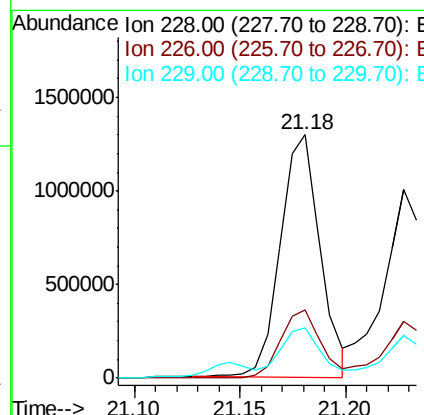
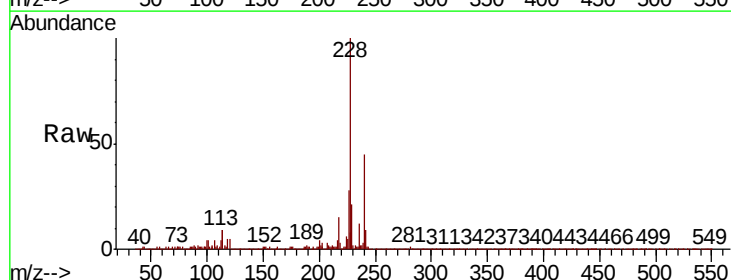
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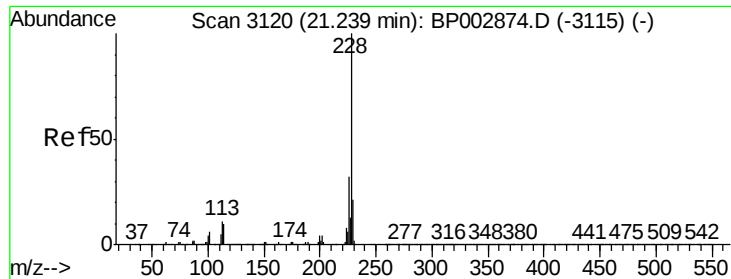
mohammad
8/6/2020 1:21:15 PM



#81
Benzo(a)anthracene
Concen: 10.104 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.3	34.9
229	20.7	16.9	25.3





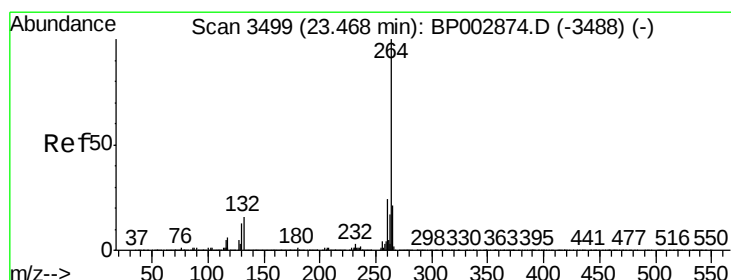
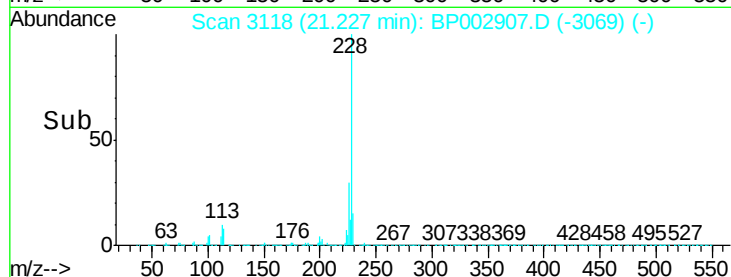
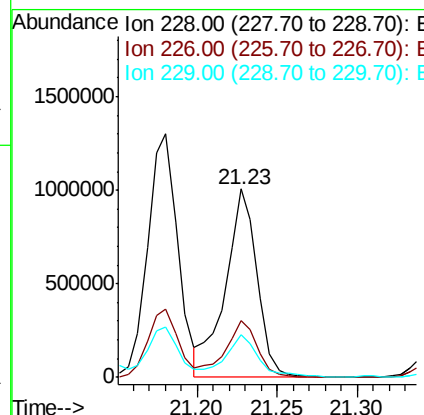
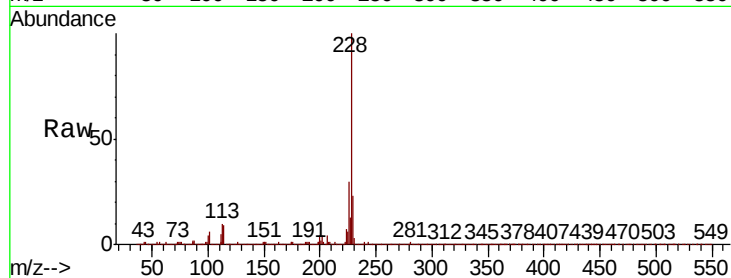
#83
Chrysene
Concen: 8.805 ng/ml
RT: 21.23 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Instrument :
BNA_P
ClientSampleId :
TL-7

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.5	38.3
229	22.7	16.7	25.1

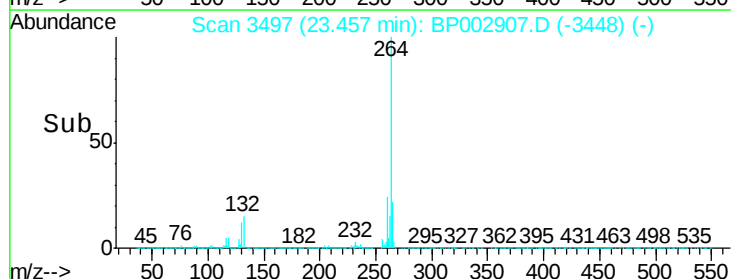
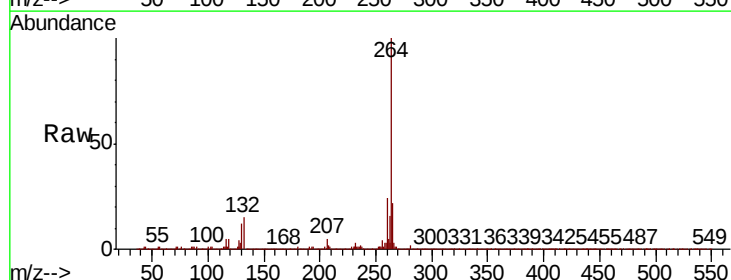
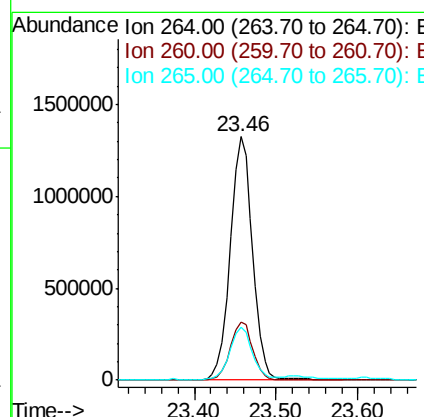
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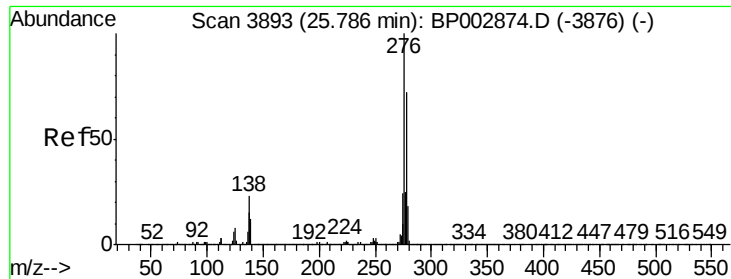
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.9	17.0	25.4





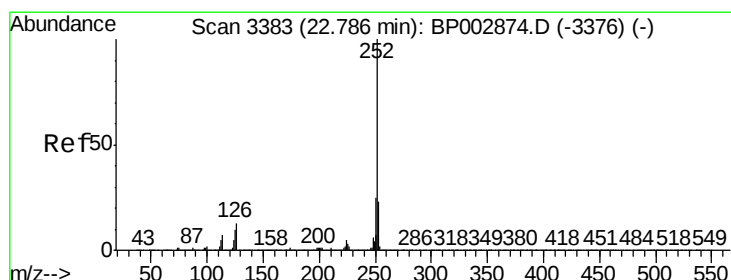
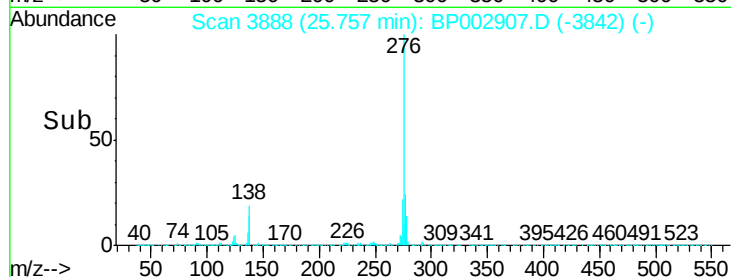
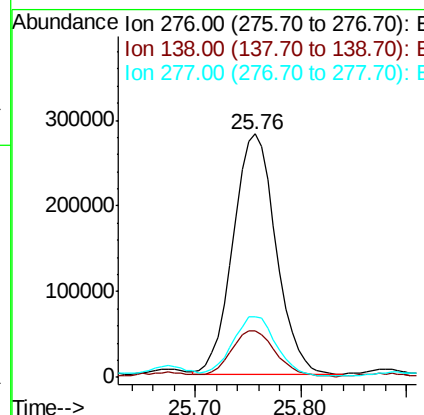
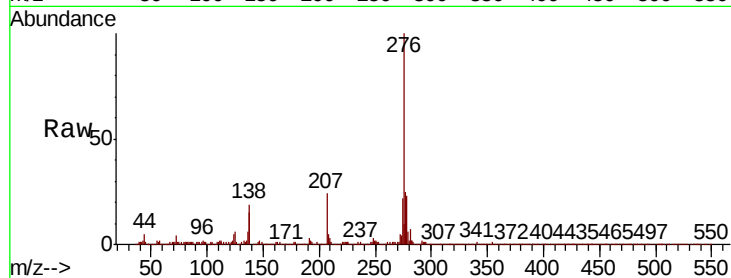
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.915 ng
 RT: 25.76 min Scan# 3888
 Delta R.T. -0.03 min
 Lab File: BP002907.D
 Acq: 05 Aug 2020 11:48

Instrument :
 BNA_P
 ClientSampleId :
 TL-7

Tot Ion:	276	Resp:	785032
Ion Ratio	Lower	Upper	
276	100		
138	19.9	19.3	28.9
277	25.2	20.4	30.6

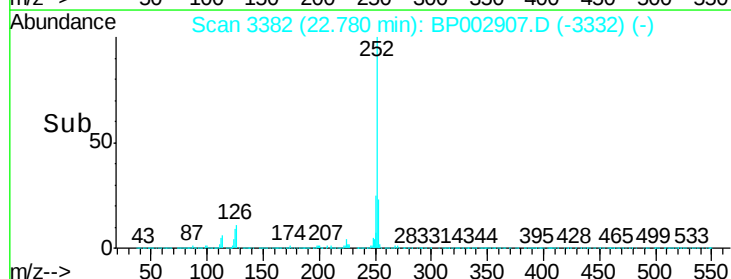
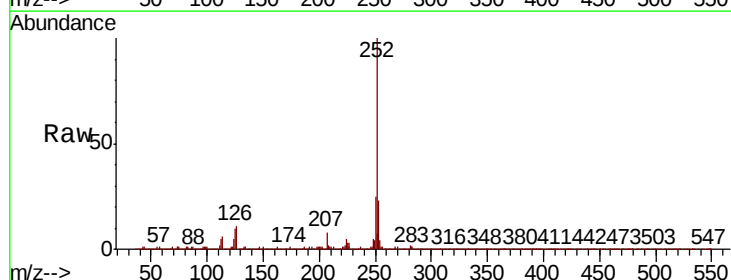
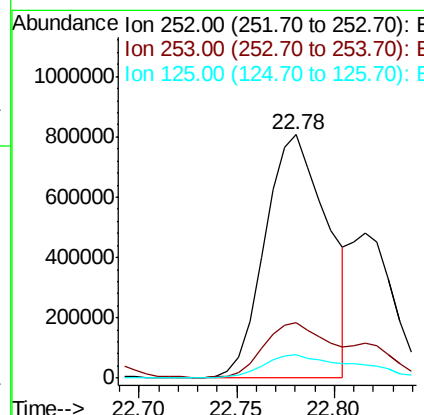
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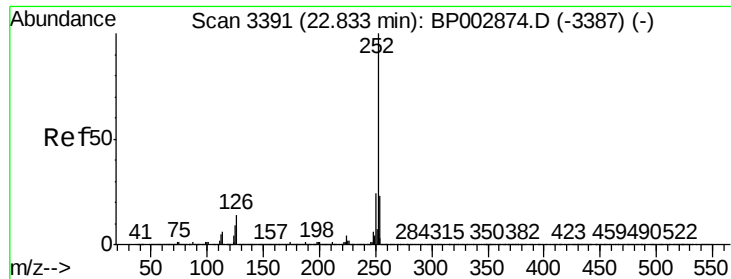
mohammad
 8/6/2020 1:21:15 PM



#88
 Benzo(b)fluoranthene
 Concen: 10.127 ng
 RT: 22.78 min Scan# 3382
 Delta R.T. -0.01 min
 Lab File: BP002907.D
 Acq: 05 Aug 2020 11:48

Tgt Ion:	252	Resp:	1789264
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.3	27.5
125	9.5	7.8	11.8





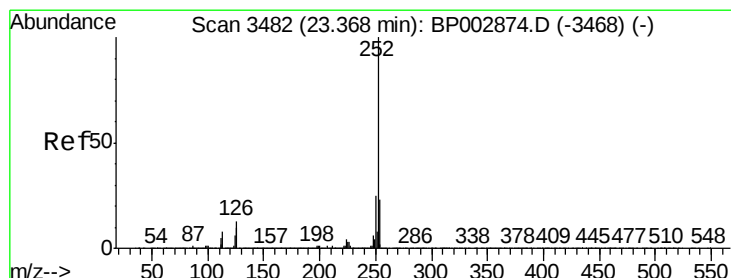
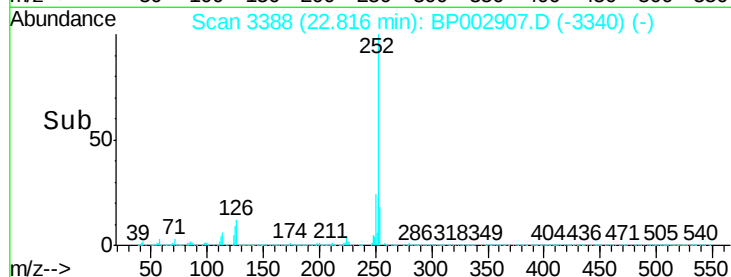
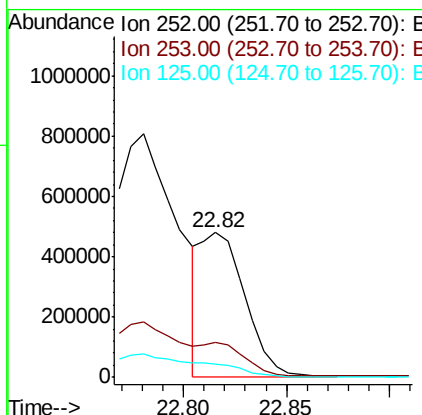
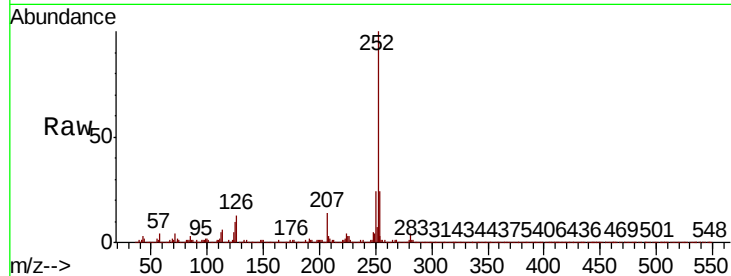
#89
Benzo(k)fluoranthene
Concen: 4.372 ng m
RT: 22.82 min Scan# 3388
Delta R.T. -0.02 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Instrument :
BNA_P
ClientSampled :
TL-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	9.6	7.5	11.3

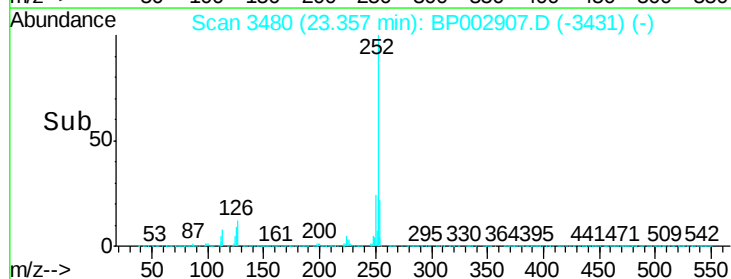
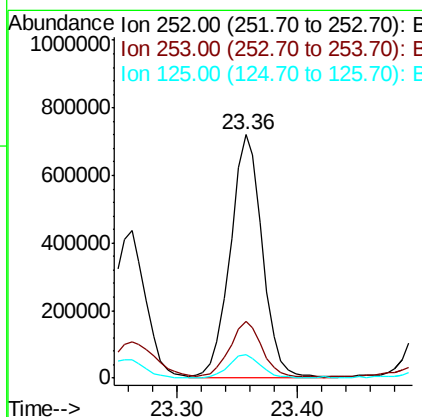
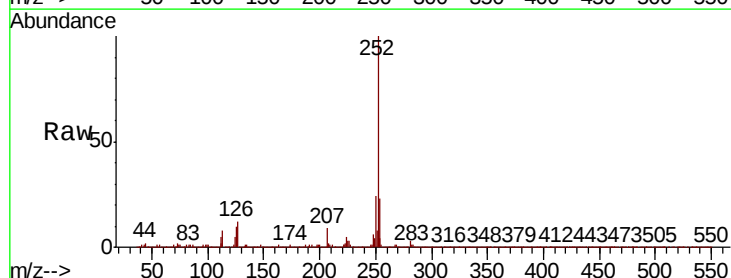
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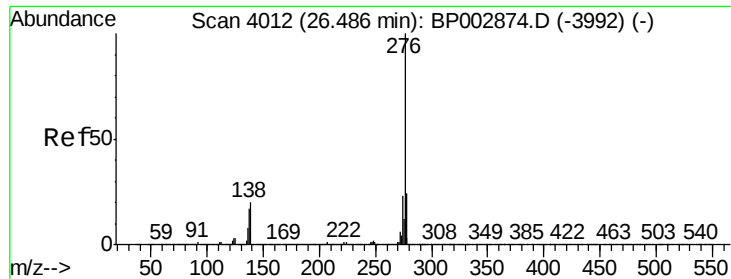
mohammad
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#90
Benzo(a)pyrene
Concen: 8.237 ng
RT: 23.36 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BP002907.D
Acq: 05 Aug 2020 11:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	9.5	8.3	12.5





#92
 Benzo(a,h,i)perylene
 Concen: 4.414 ng
 RT: 26.46 min Scan# 4008
 Delta R.T. -0.02 min
 Lab File: BP002907.D
 Acq: 05 Aug 2020 11:48

Instrument :
 BNA_P
 ClientSampleId :
 TL-7

Tot Ion:	276	Resp:	728355
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.3	28.9
138	19.3	16.2	24.2

Manual Integrations
 APPROVED

mohammad
 8/6/2020 1:21:15 PM

