

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
 Data File : BP002886.D
 Acq On : 30 Jul 2020 20:42
 Operator : CG/JU
 Sample : L3491-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3-S

Manual Integrations
 APPROVED

Sohil
 7/31/2020 12:11:00 PM

Quant Time: Jul 31 01:38:21 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	550455	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2041616	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1186299	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2553486	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2724513	20.00	ng	0.00
86) Perylene-d12	23.46	264	2778217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2483044	69.04	ng	0.00
7) Phenol-d6	6.89	99	3113467	62.35	ng	0.00
23) Nitrobenzene-d5	8.86	82	1867778	49.55	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1025878	69.58	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	3921124	45.16	ng	0.00
79) Terphenyl-d14	19.68	244	5422831	39.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.81	163	579026	6.241	ng	99
71) Phenanthrene	17.15	178	381946	2.551	ng	98
75) Fluoranthene	19.12	202	1494446	8.663	ng	99
78) Pyrene	19.47	202	1403465	7.369	ng	98
81) Benzo(a)anthracene	21.18	228	1020813	5.501	ng	99
83) Chrysene	21.23	228	820025	4.684	ng	96
87) Indeno(1,2,3-cd)pyrene	25.77	276	585199	2.630	ng	96
88) Benzo(b)fluoranthene	22.78	252	1180117m	6.019	ng	
89) Benzo(k)fluoranthene	22.82	252	434811m	2.346	ng	
90) Benzo(a)pyrene	23.36	252	904510	5.106	ng	99
92) Benzo(g,h,i)perylene	26.47	276	606639	3.313	ng	97

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

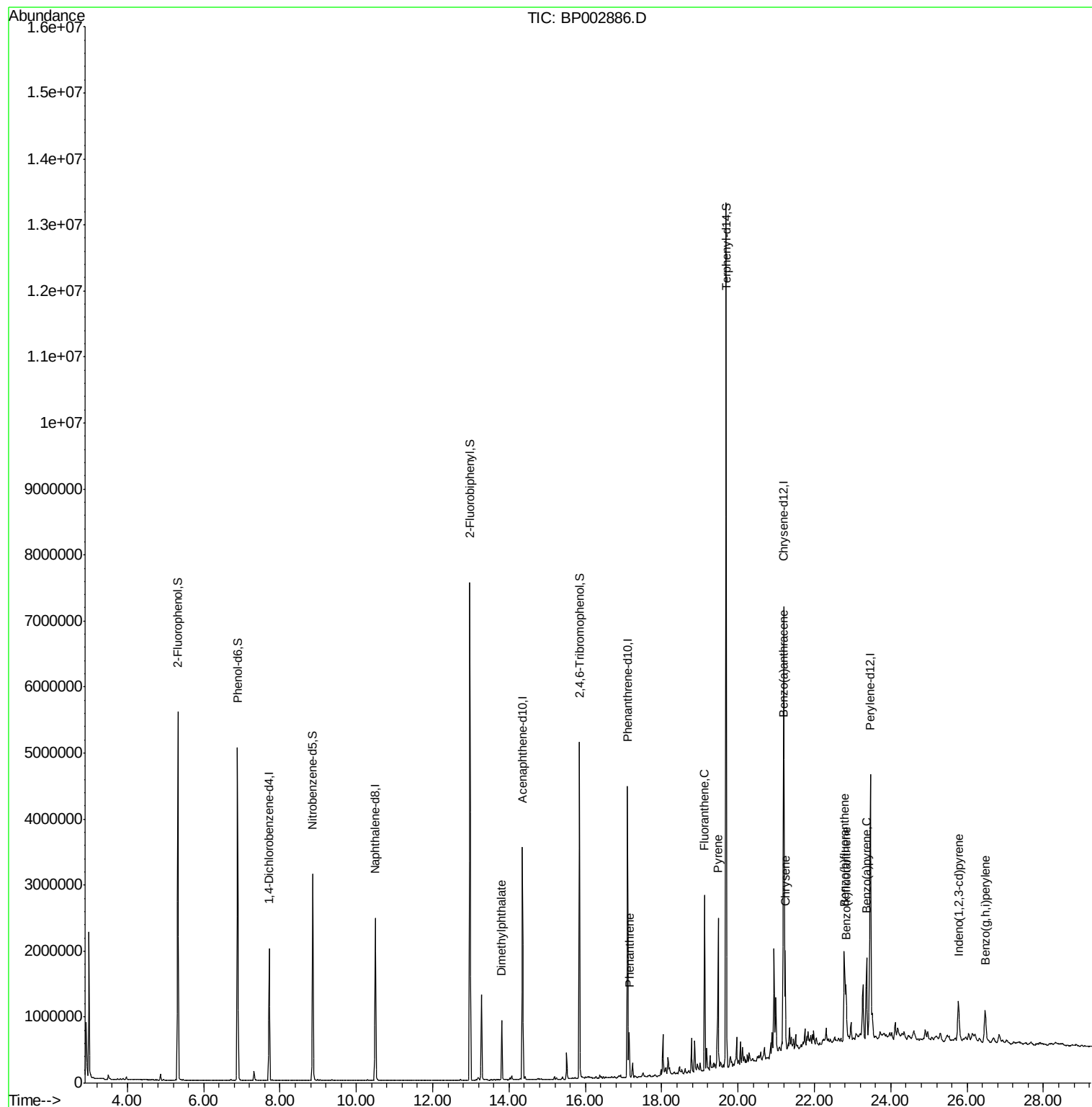
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

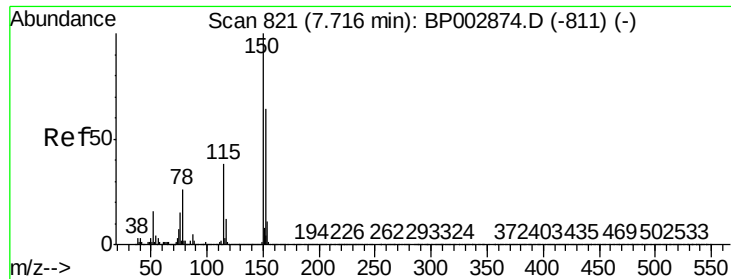
Instrument :
BNA_P
ClientSampleId :
TP-3-S

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7/31/2020 12:11:00 PM

Quant Time: Jul 31 01:38:21 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
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#1

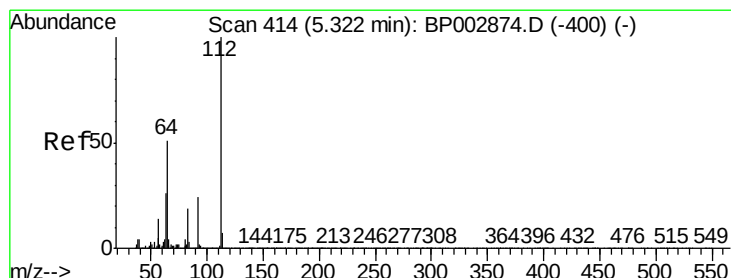
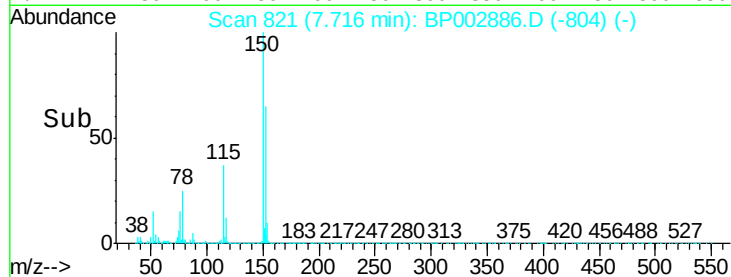
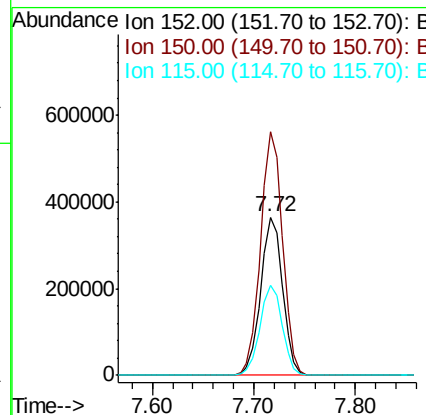
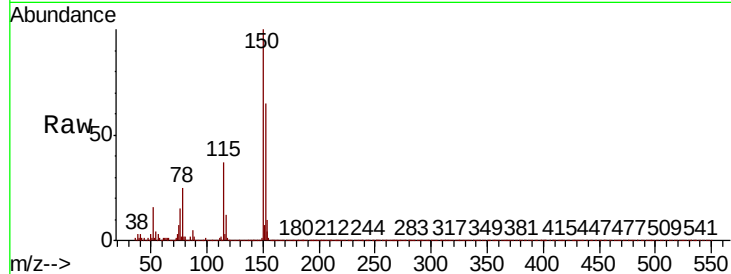
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Instrument :
BNA_P
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.8	187.2
115	57.0	47.4	71.2

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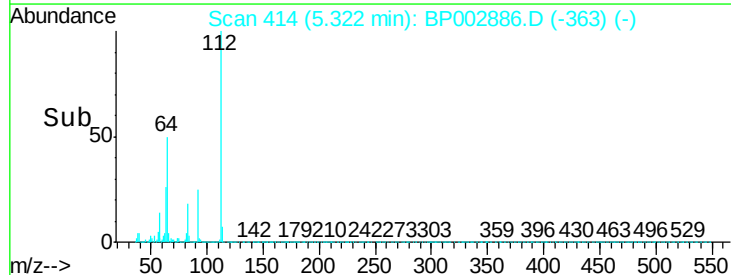
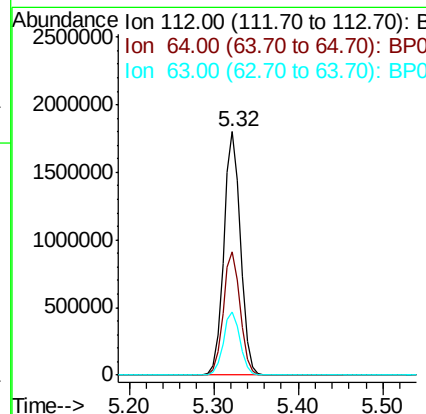
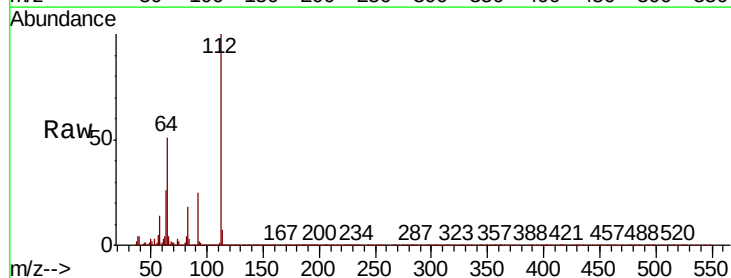
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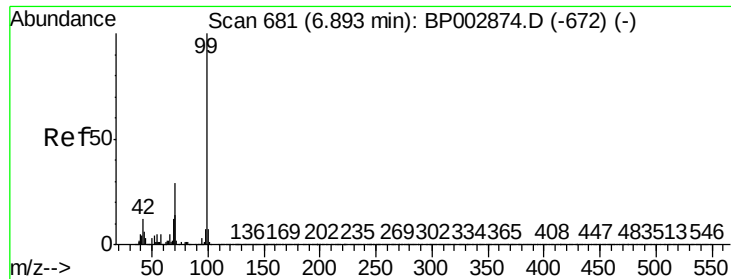


#5

2-Fluorophenol
Concen: 69.039 ng
RT: 5.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	41.0	61.6
63	25.8	20.7	31.1





#7

Phenol-d6

Concen: 62.352 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002886.D

Acq: 30 Jul 2020 20:42

Instrument :

BNA_P

ClientSampled :

TP-3-S

Tot Ion: 99 Resp: 3113467

Ion Ratio Lower Upper

99 100

42 12.0 9.3 13.9

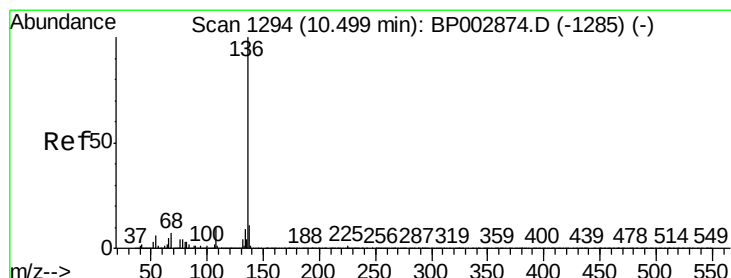
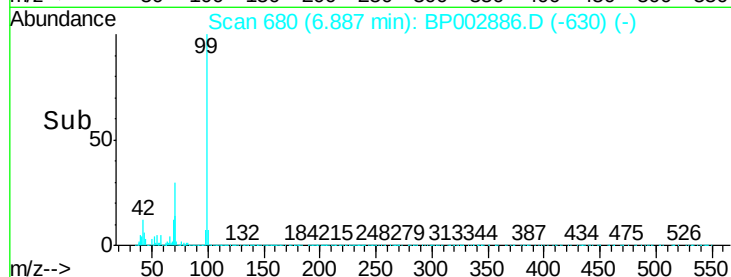
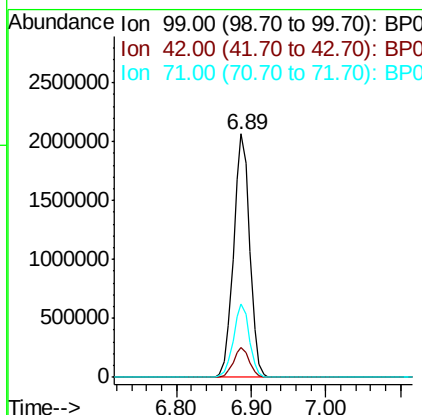
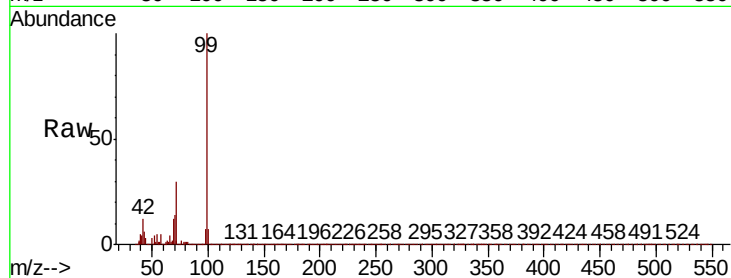
71 30.2 23.5 35.3

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BP002886.D

Acq: 30 Jul 2020 20:42

Tgt Ion: 136 Resp: 2041616

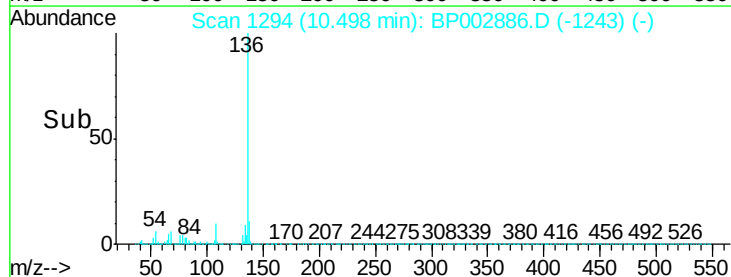
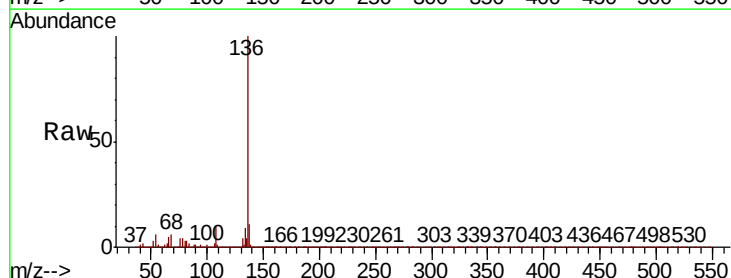
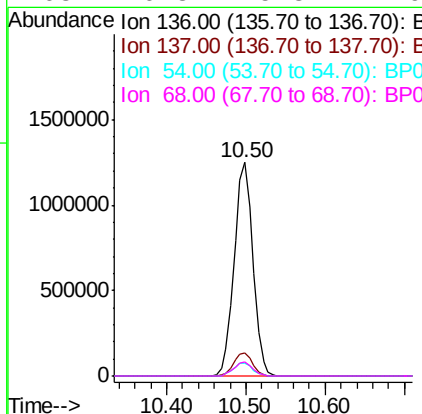
Ion Ratio Lower Upper

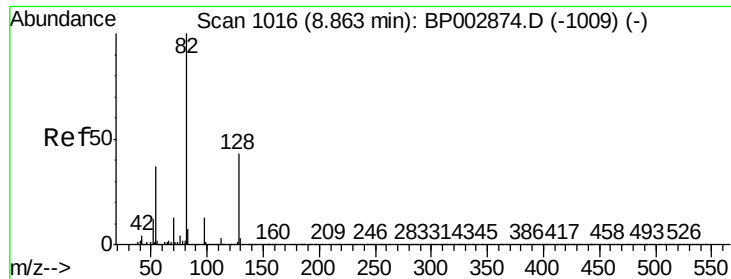
136 100

137 10.9 8.6 13.0

54 6.1 5.1 7.7

68 6.3 5.3 7.9





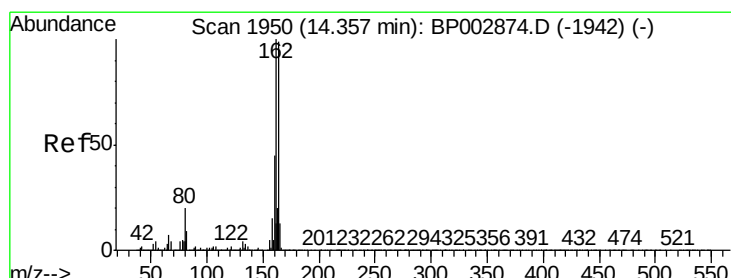
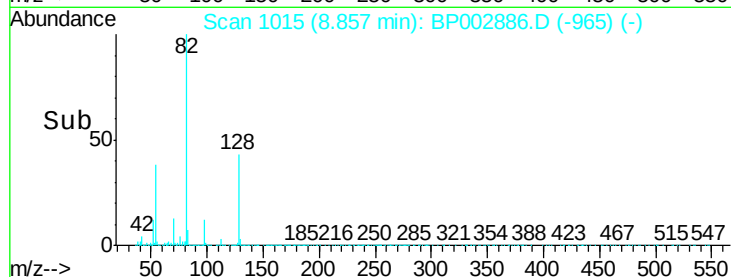
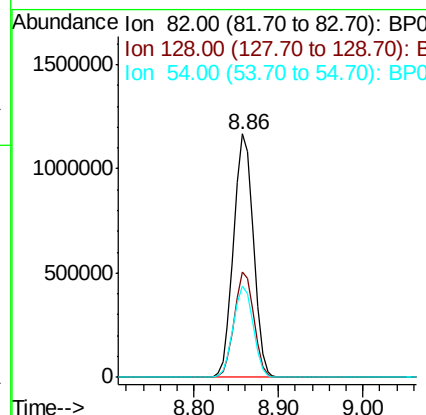
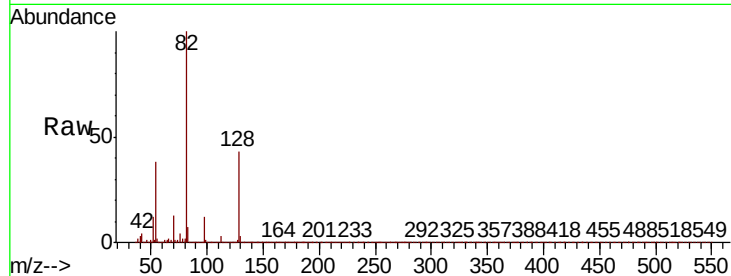
#23
Nitrobenzene-d5
Concen: 49.551 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Instrument :
BNA_P
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	37.6	29.5	44.3

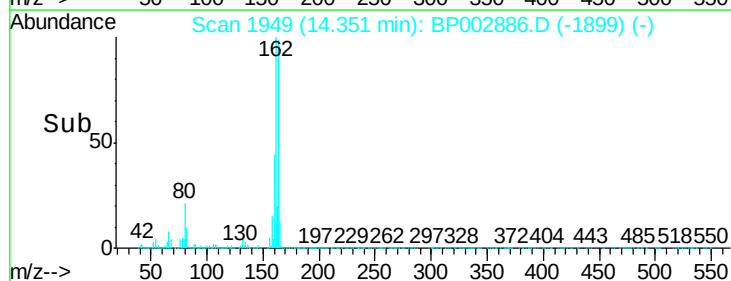
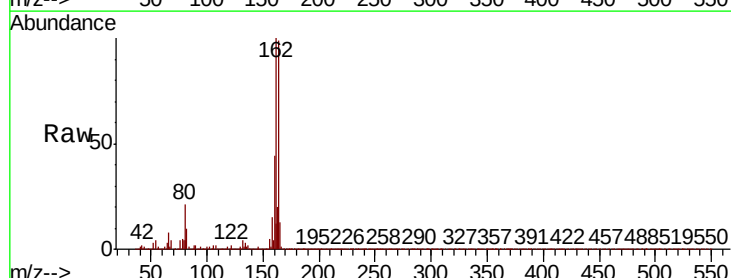
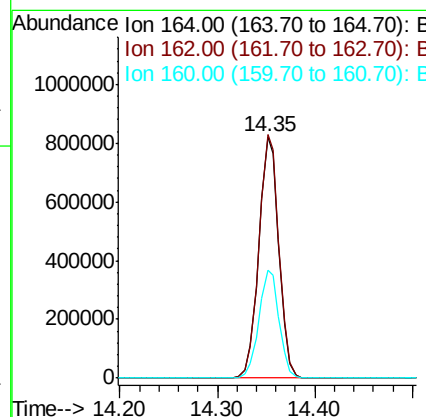
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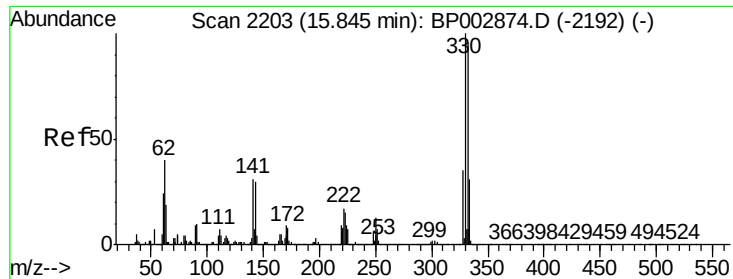
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.6
160	44.7	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 69.578 ng

RT: 15.85 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BP002886.D

Acq: 30 Jul 2020 20:42

Instrument :

BNA_P

ClientSampled :

TP-3-S

Tot Ion:330 Resp: 1025878

Ion Ratio Lower Upper

330 100

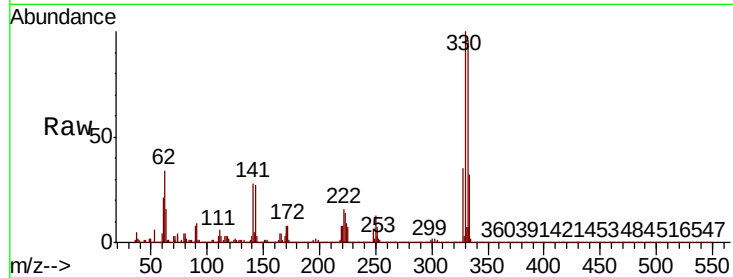
332 96.6 77.1 115.7

141 30.3 24.6 37.0

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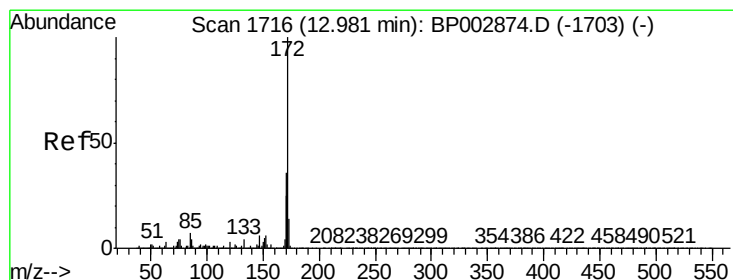
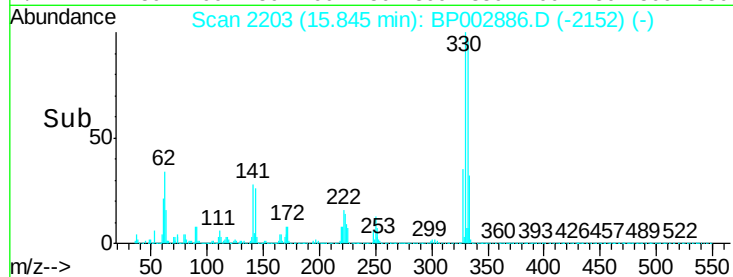
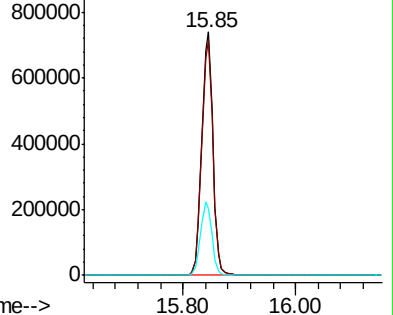
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 45.161 ng

RT: 12.97 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BP002886.D

Acq: 30 Jul 2020 20:42

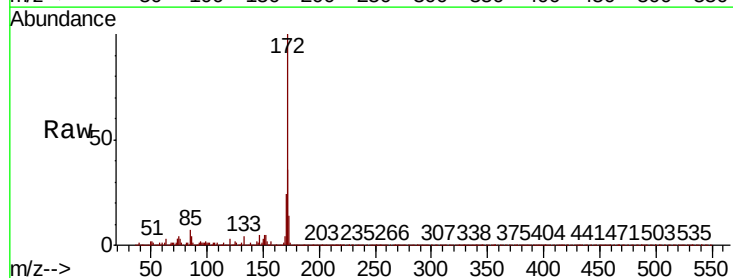
Tgt Ion:172 Resp: 3921124

Ion Ratio Lower Upper

172 100

171 35.6 29.1 43.7

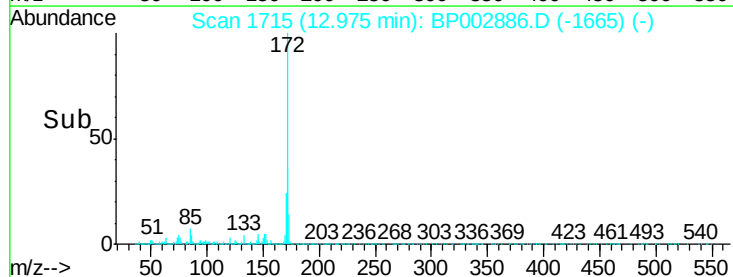
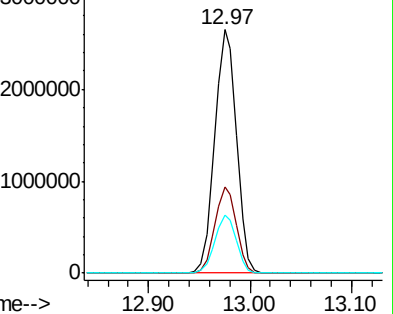
170 23.8 19.6 29.4

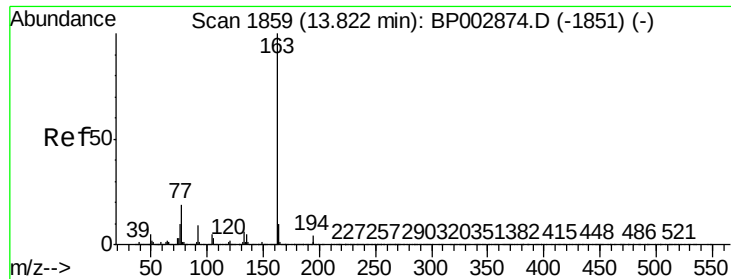


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





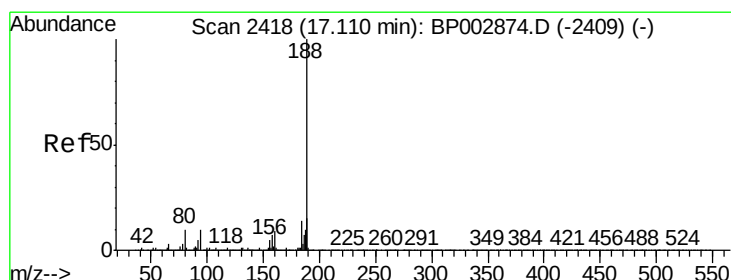
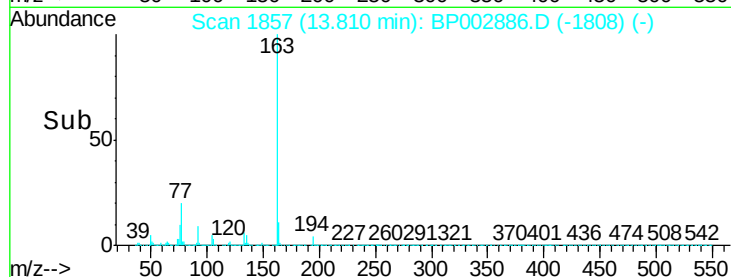
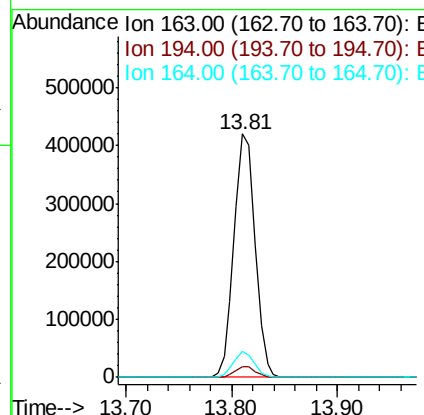
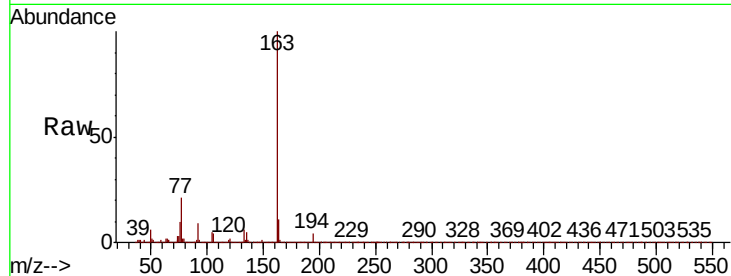
#50
Dimethylphthalate
Concen: 6.241 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Instrument :
BNA_P
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.6	8.2	12.2

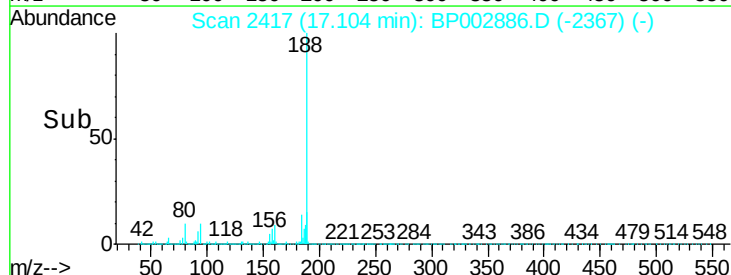
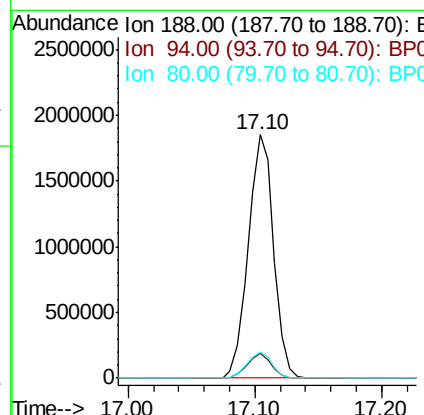
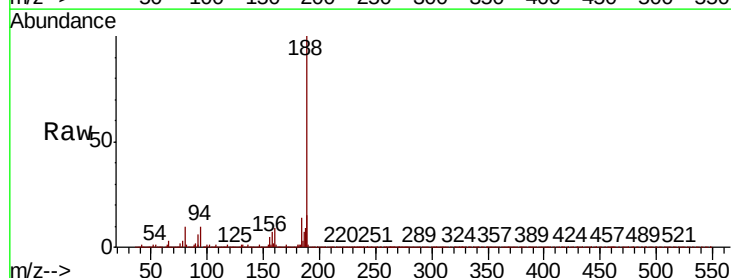
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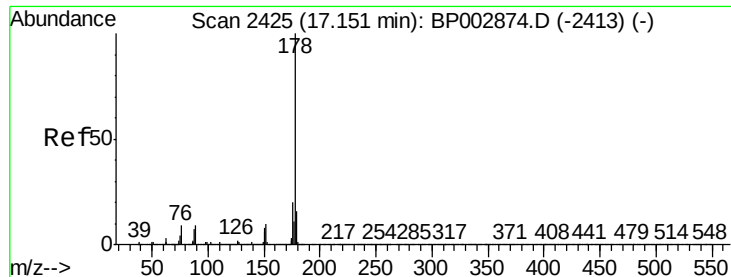
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.4	8.0	12.0





#71

Phenanthrene

Concen: 2.551 ng

RT: 17.15 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP002886.D

Acq: 30 Jul 2020 20:42

Instrument :

BNA_P

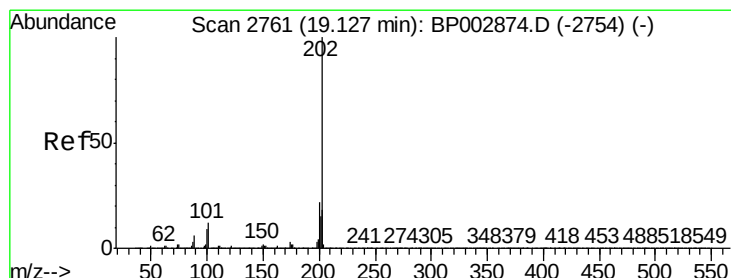
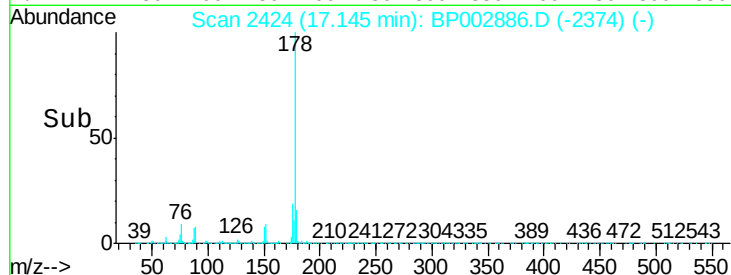
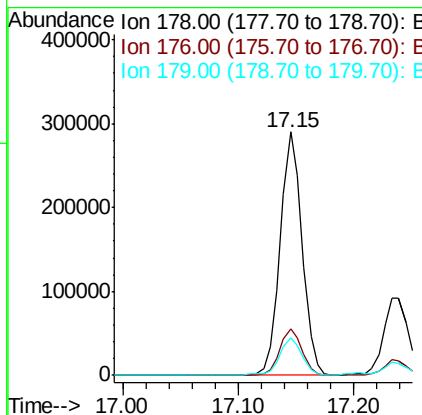
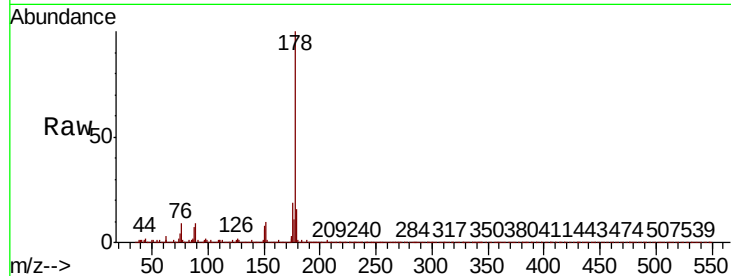
ClientSampled :

TP-3-S

Tot Ion:	178	Resp:	381946
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.1	24.1
179	15.6	13.0	19.4

Manual Integrations
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#75

Fluoranthene

Concen: 8.663 ng

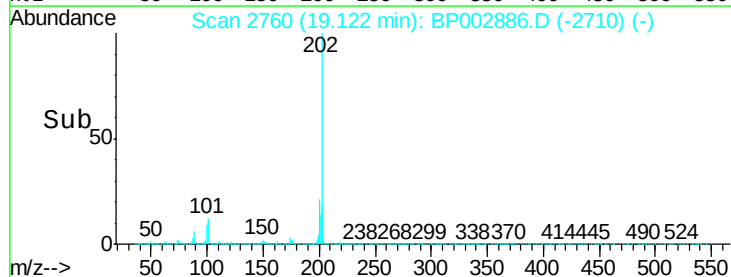
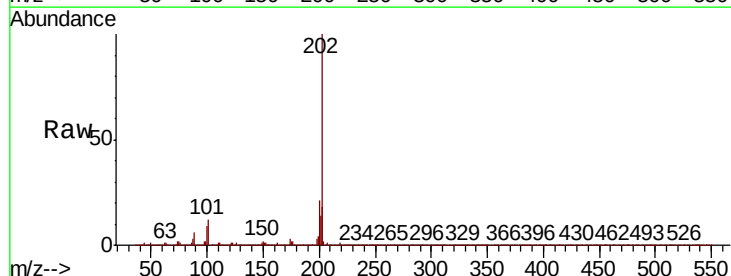
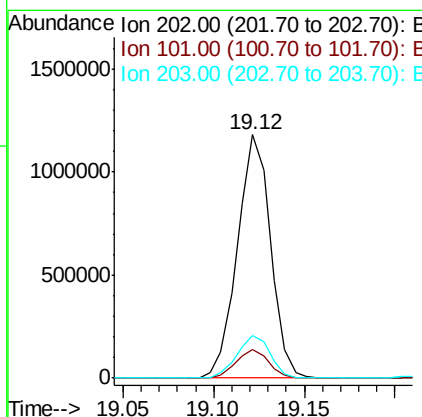
RT: 19.12 min Scan# 2760

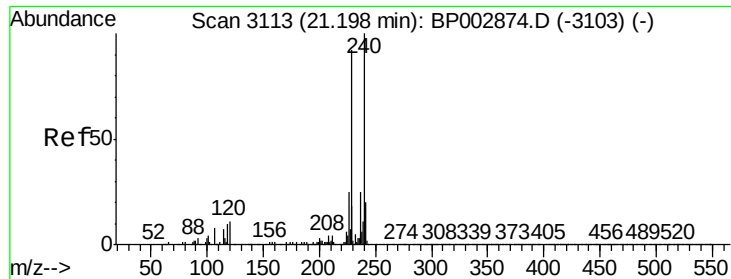
Delta R.T. -0.01 min

Lab File: BP002886.D

Acq: 30 Jul 2020 20:42

Tgt Ion:	202	Resp:	1494446
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.6
203	17.8	0.0	38.4





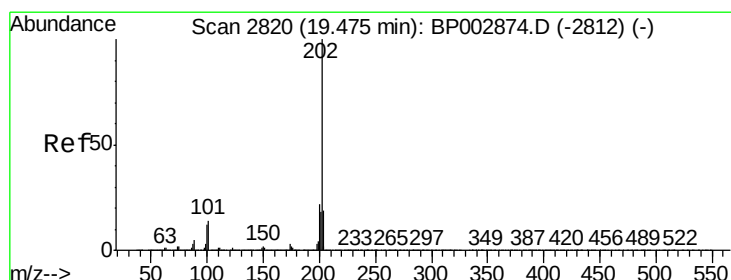
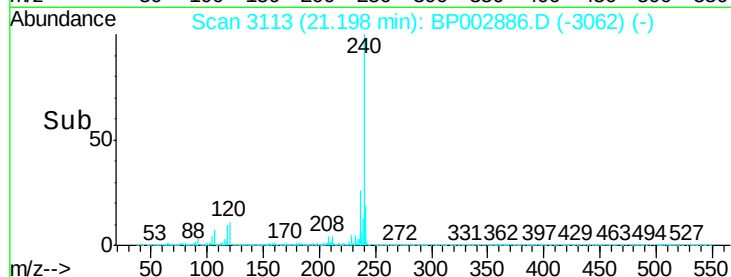
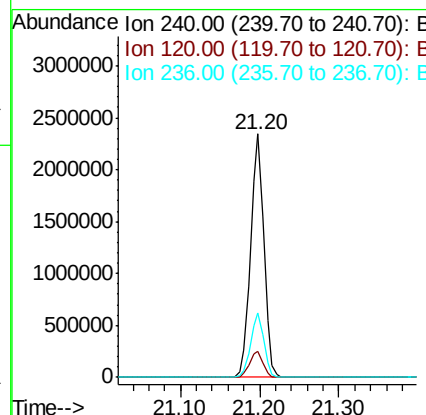
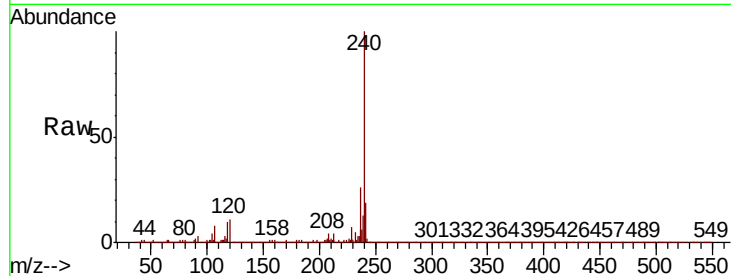
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Instrument :
BNA_P
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.4	20.3	30.5

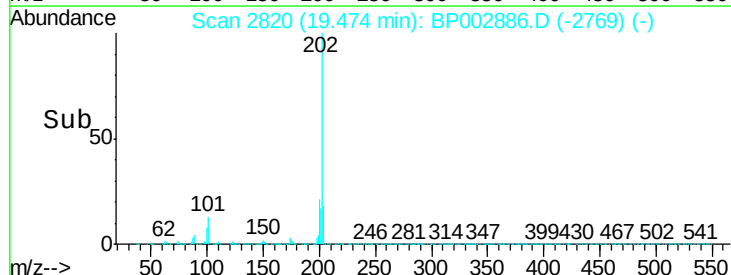
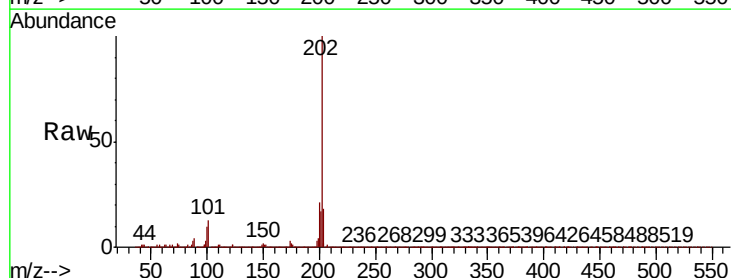
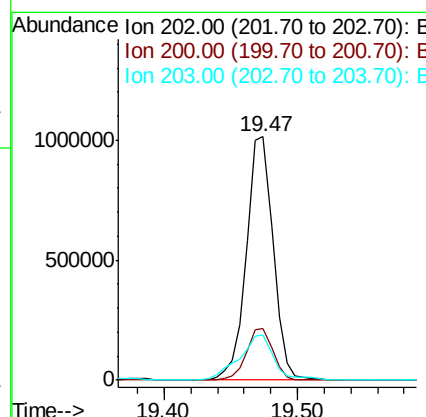
Manual Integrations
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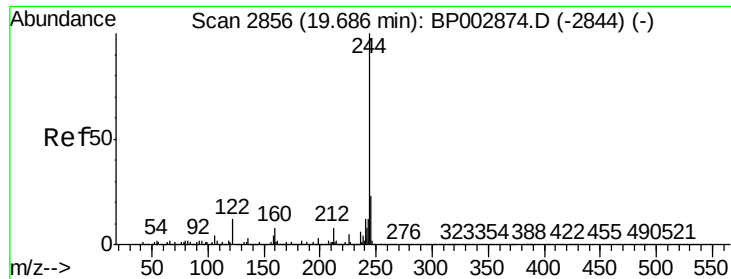
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#78
Pyrene
Concen: 7.369 ng
RT: 19.47 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.9	26.9
203	18.3	15.1	22.7





#79

Terphenyl-d14

Concen: 39.847 ng

RT: 19.68 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BP002886.D

Acq: 30 Jul 2020 20:42

Instrument :

BNA_P

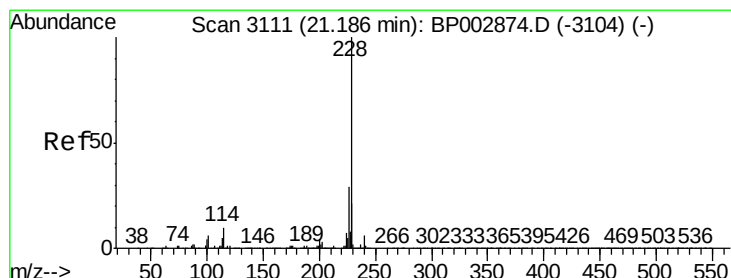
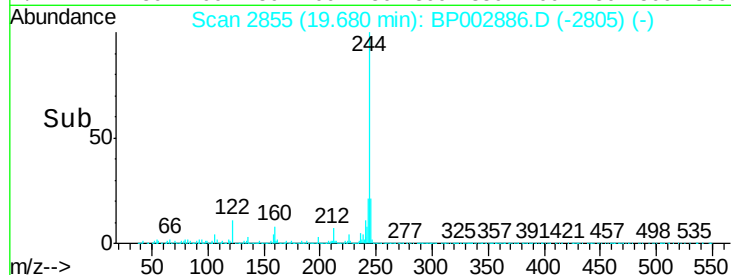
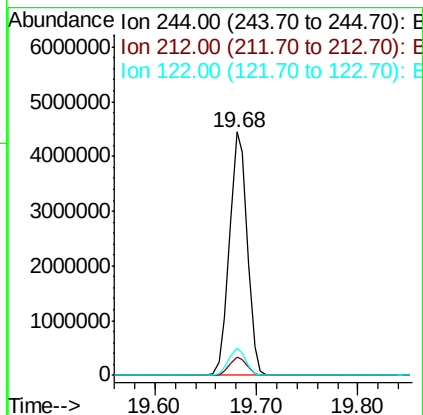
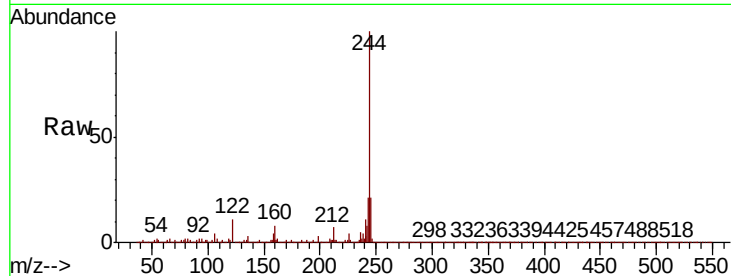
ClientSampled :

TP-3-S

Tot Ion:244	Resp: 5422831
Ion Ratio	Lower Upper
244 100	
212 7.4	6.4 9.6
122 11.3	9.4 14.2

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#81

Benzo(a)anthracene

Concen: 5.501 ng

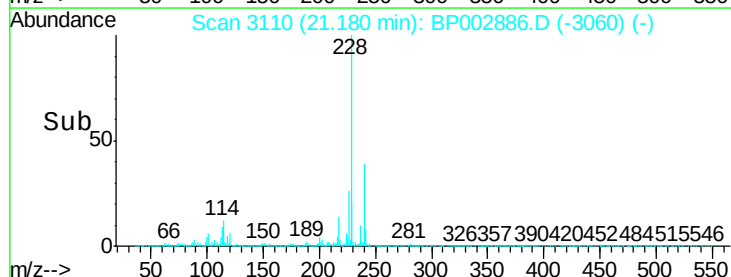
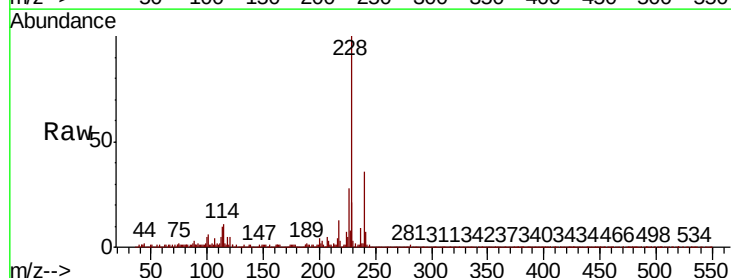
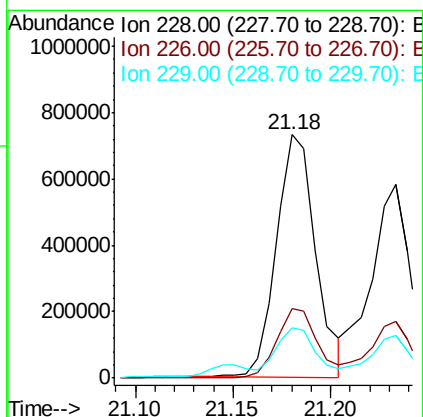
RT: 21.18 min Scan# 3110

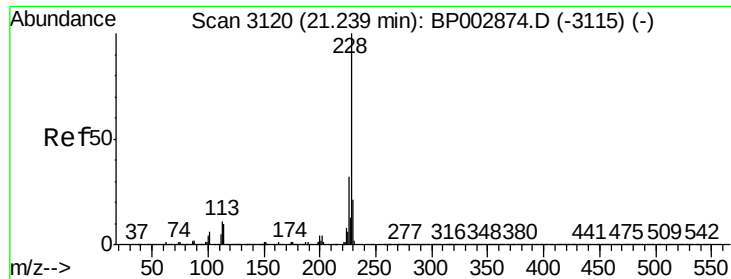
Delta R.T. -0.01 min

Lab File: BP002886.D

Acq: 30 Jul 2020 20:42

Tgt	Ion:228	Resp: 1020813	
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.3	34.9
229	20.6	16.9	25.3





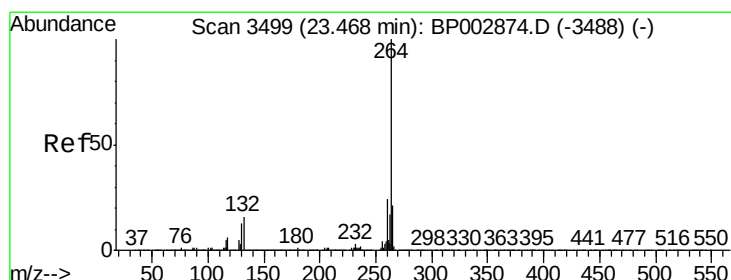
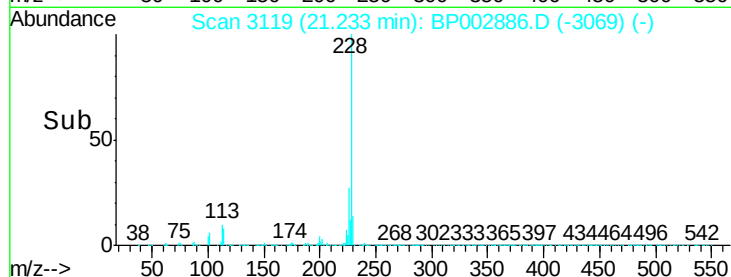
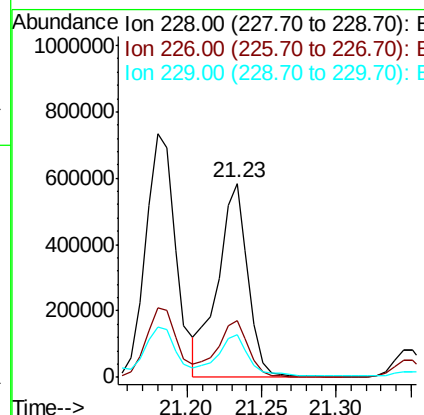
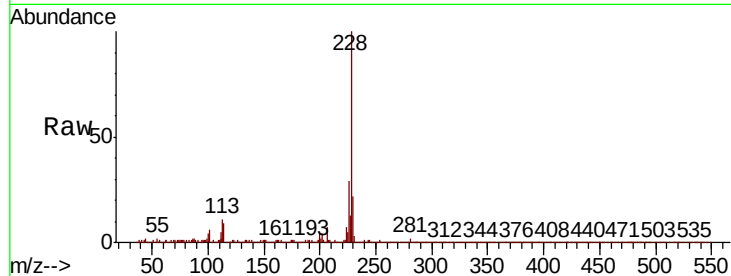
#83
Chrysene
Concen: 4.684 ng
RT: 21.23 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Instrument :
BNA_P
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.5	38.3
229	22.2	16.7	25.1

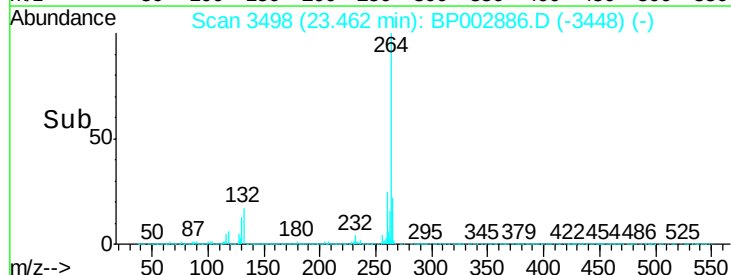
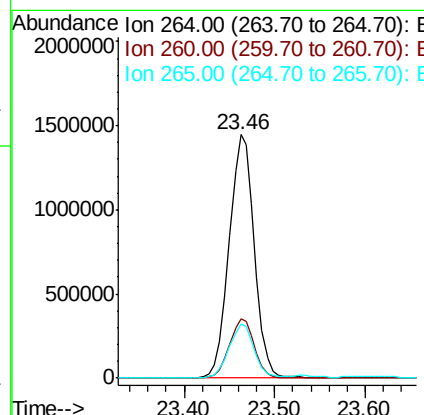
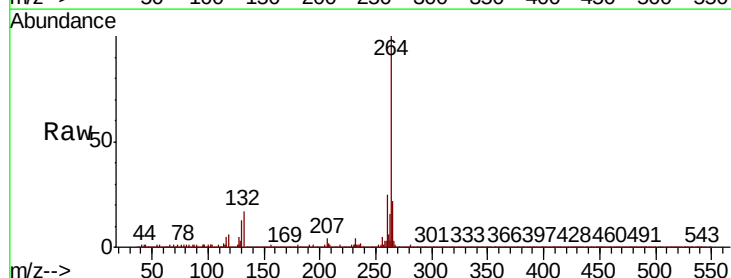
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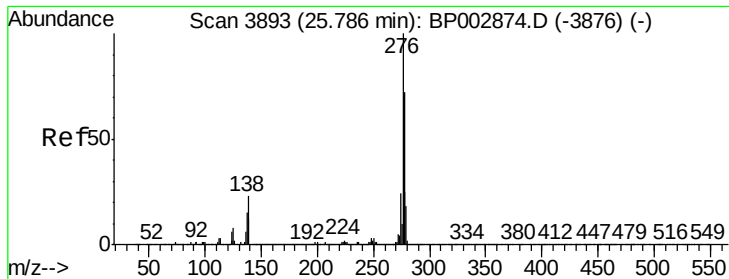
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.2	17.0	25.4





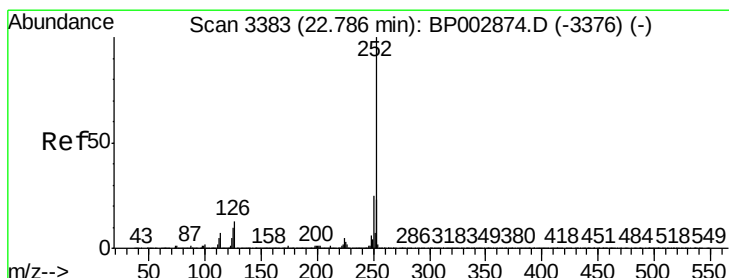
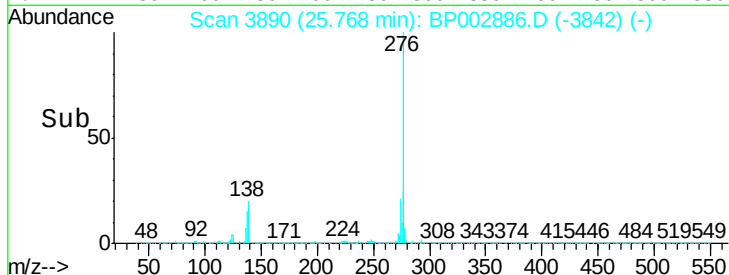
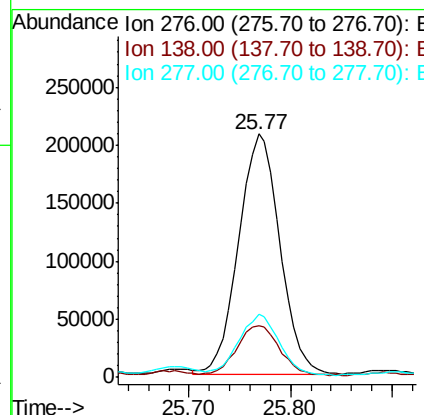
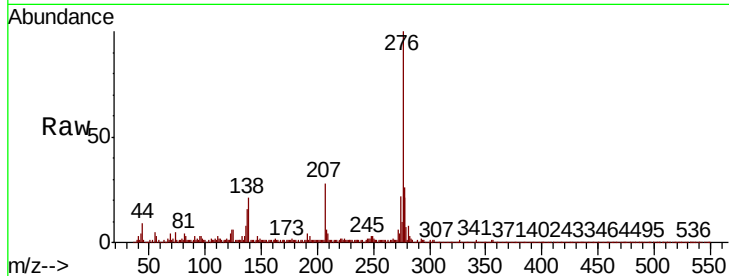
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.630 ng
 RT: 25.77 min Scan# 3890
 Delta R.T. -0.02 min
 Lab File: BP002886.D
 Acq: 30 Jul 2020 20:42

Instrument :
 BNA_P
 ClientSampled :
 TP-3-S

Tot Ion:	276	Resp:	585199
Ion Ratio	Lower	Upper	
276	100		
138	21.2	19.3	28.9
277	24.5	20.4	30.6

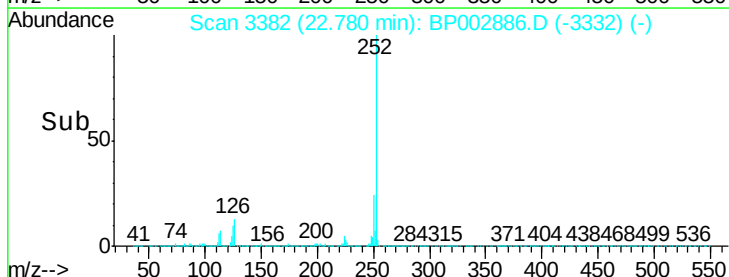
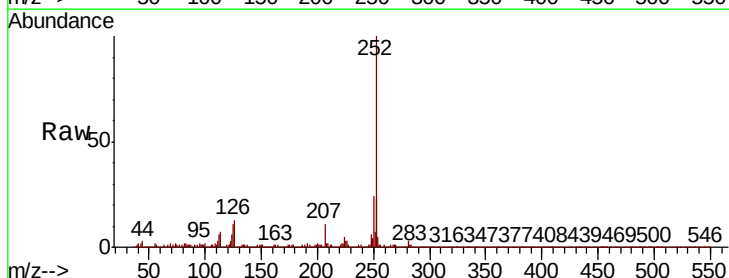
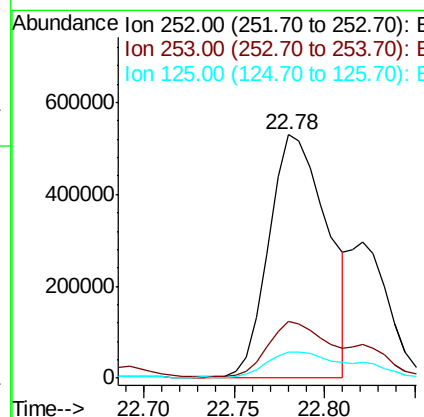
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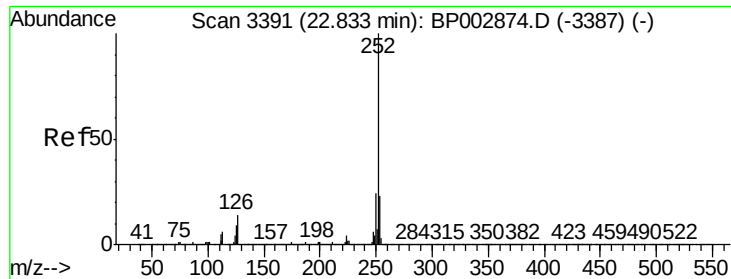
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#88
 Benzo(b)fluoranthene
 Concen: 6.019 ng m
 RT: 22.78 min Scan# 3382
 Delta R.T. -0.01 min
 Lab File: BP002886.D
 Acq: 30 Jul 2020 20:42

Tgt Ion:	252	Resp:	1180117
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.3	27.5
125	10.6	7.8	11.8





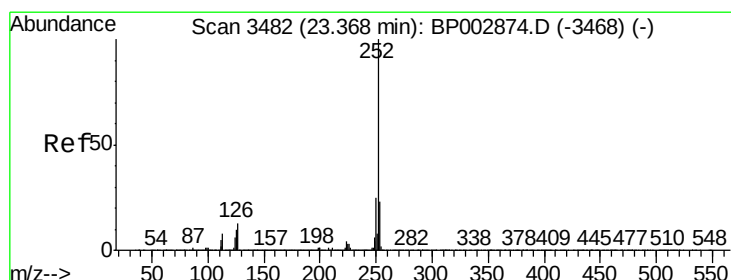
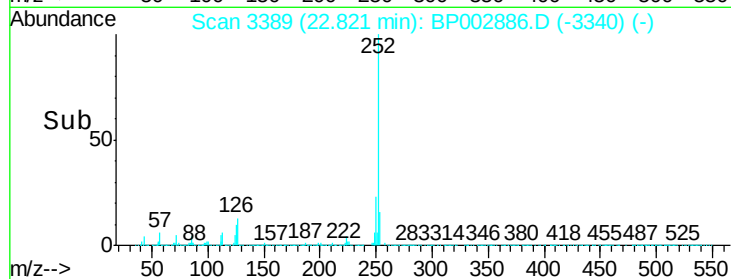
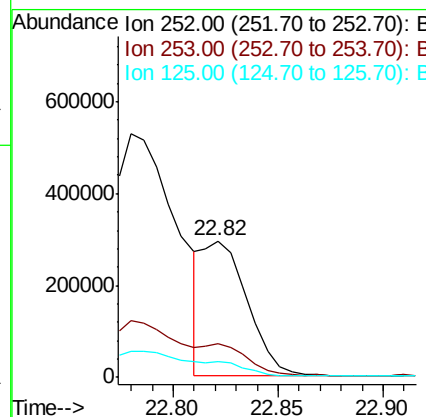
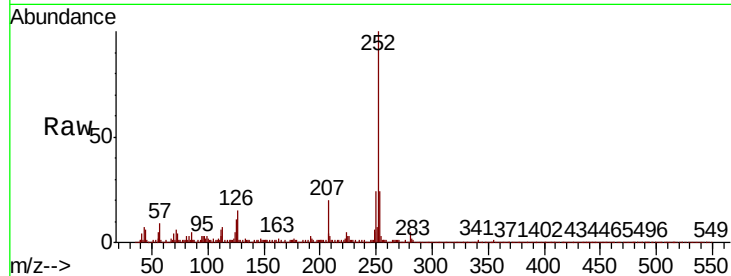
#89
Benzo(k)fluoranthene
Concen: 2.346 ng m
RT: 22.82 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Instrument :
BNA_P
ClientSampled :
TP-3-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	11.2	7.5	11.3

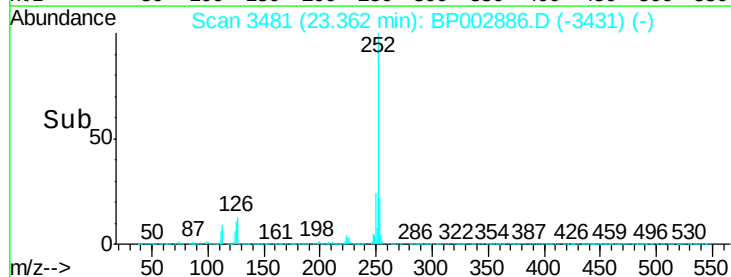
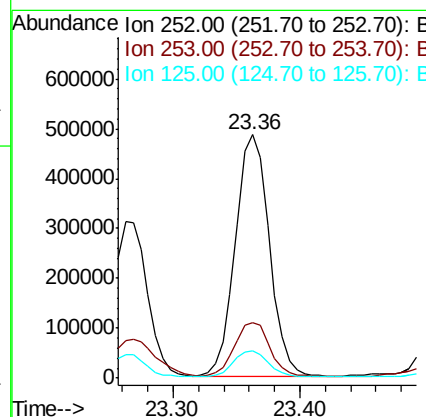
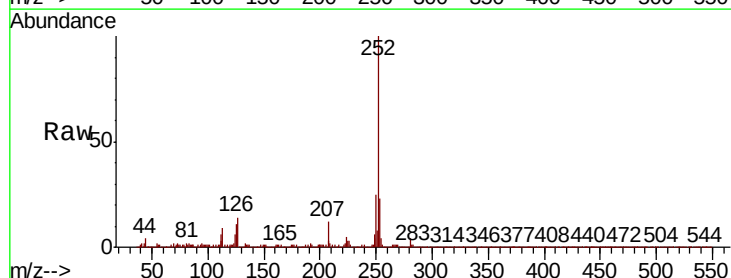
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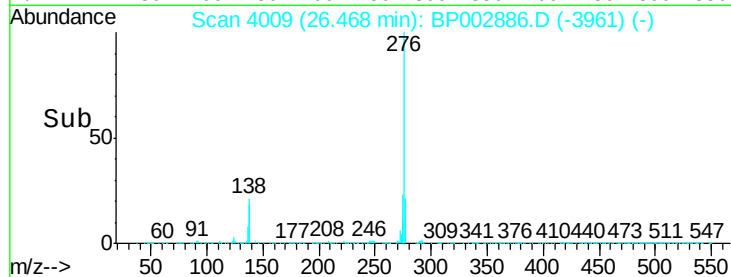
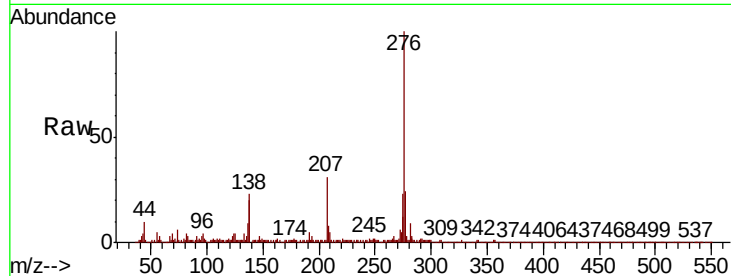
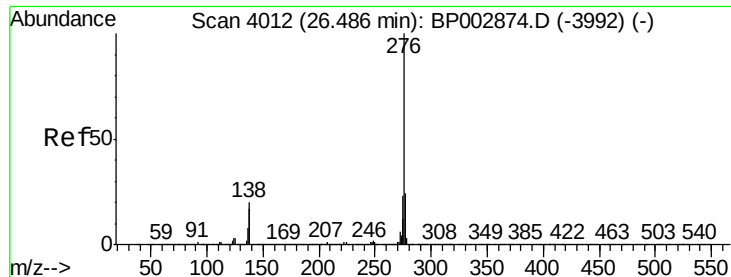
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#90
Benzo(a)pyrene
Concen: 5.106 ng
RT: 23.36 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.4	8.3	12.5





#92
Benzo(a,h,i)perylene
Concen: 3.313 ng
RT: 26.47 min Scan# 4009
Delta R.T. -0.02 min
Lab File: BP002886.D
Acq: 30 Jul 2020 20:42

Instrument :
BNA_P
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	22.5	16.2	24.2

Manual Integrations
APPROVED

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