

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002921.D
 Acq On : 06 Aug 2020 15:49
 Operator : CG/JU
 Sample : L3547-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-012

Manual Integrations
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Quant Time: Aug 07 11:02:17 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	7.71	152	473314	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1901038	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1236776	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2757338	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2798625	20.00	ng	0.00
86) Perylene-d12	23.45	264	2349479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3440477	111.25	ng	0.00
7) Phenol-d6	6.89	99	4439643	103.40	ng	0.00
23) Nitrobenzene-d5	8.86	82	2598248	74.03	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	2098445	136.51	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6845674	75.63	ng	0.00
79) Terphenyl-d14	19.68	244	9850549	70.46	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.80	163	678517	7.014	ng	100
71) Phenanthrene	17.14	178	1095475	6.775	ng	98
75) Fluoranthene	19.12	202	2400566	12.886	ng	99
78) Pyrene	19.47	202	2224596	11.371	ng	97
80) Butylbenzylphthalate	20.36	149	17723	3.267	ng	97
81) Benzo(a)anthracene	21.17	228	1269213	6.658	ng	99
83) Chrysene	21.23	228	1293532	7.193	ng	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	392432	3.624	ng	98
87) Indeno(1,2,3-cd)pyrene	25.76	276	697189	3.705	ng	95
88) Benzo(b)fluoranthene	22.77	252	1530717	9.232	ng	99
89) Benzo(k)fluoranthene	22.82	252	715680m	4.567	ng	
90) Benzo(a)pyrene	23.35	252	995170	6.643	ng	99
92) Benzo(a,h,i)perylene	26.45	276	647910	4.184	ng	99

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

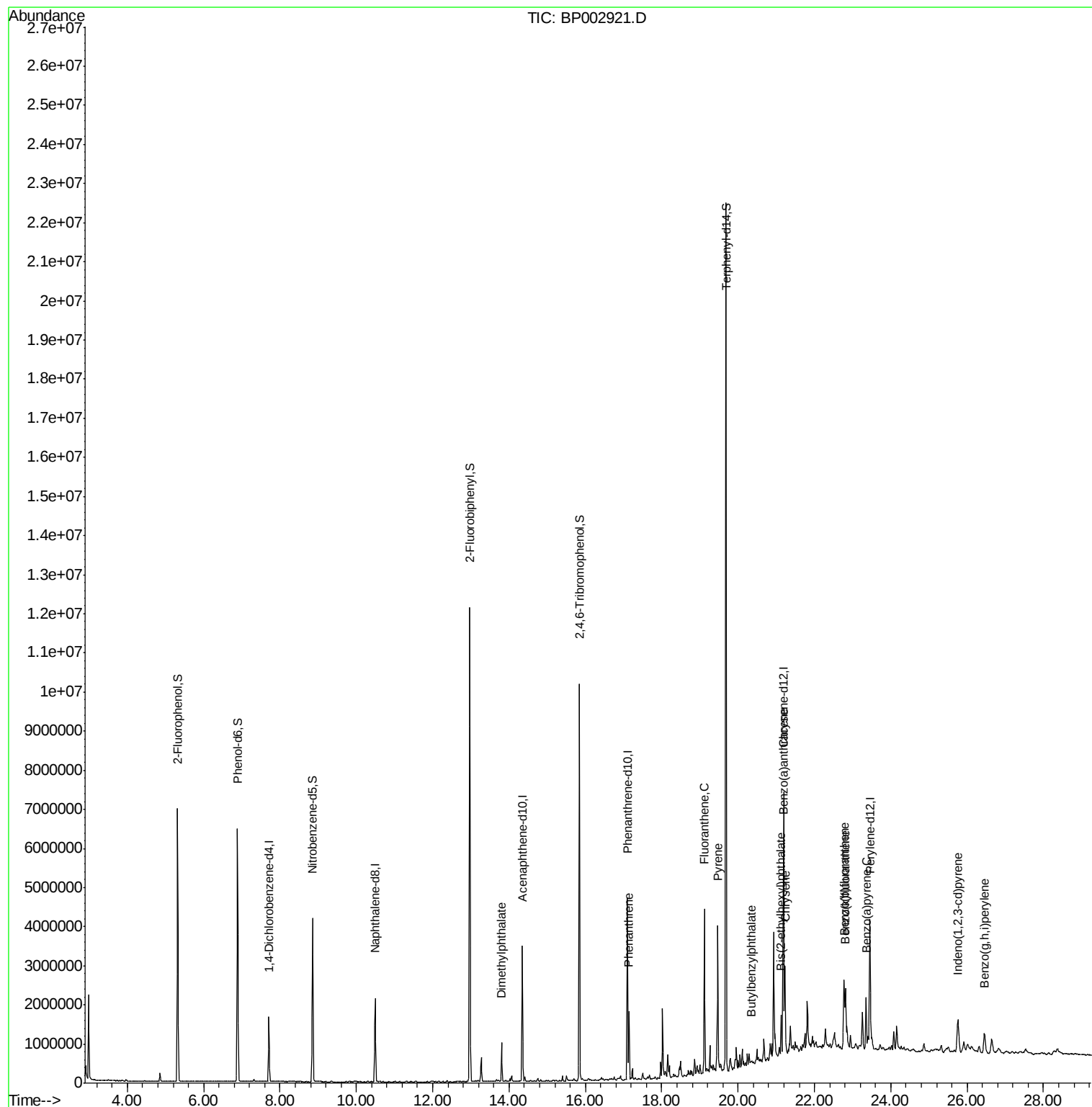
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002921.D
Acq On : 06 Aug 2020 15:49
Operator : CG/JU
Sample : L3547-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

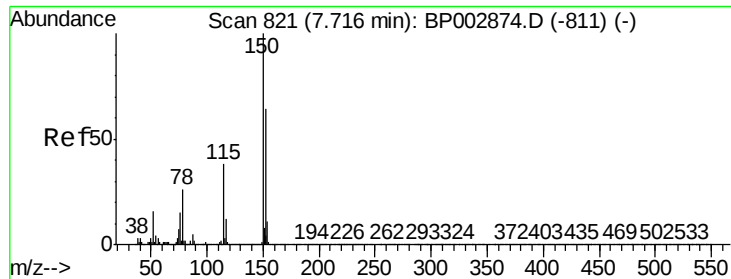
Instrument :
BNA_P
ClientSampleId :
CRT-012

Quant Time: Aug 07 11:02:17 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

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#1

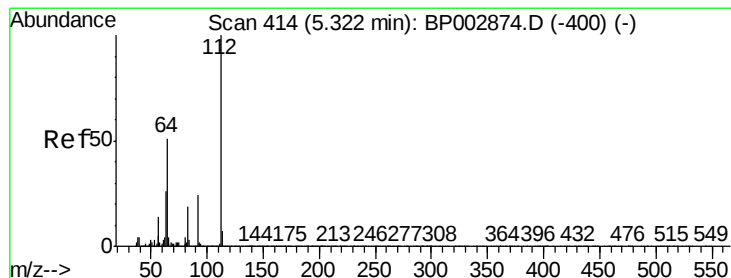
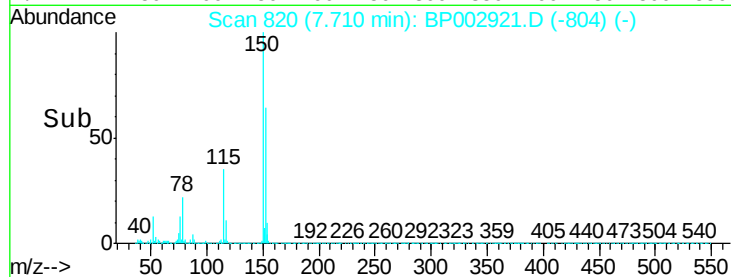
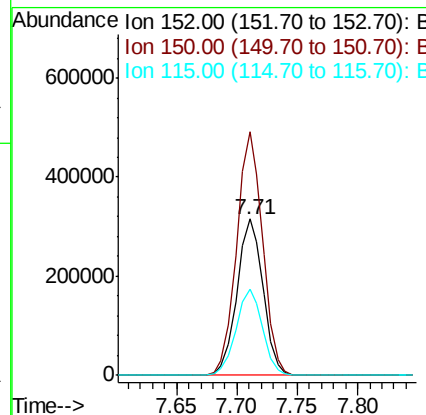
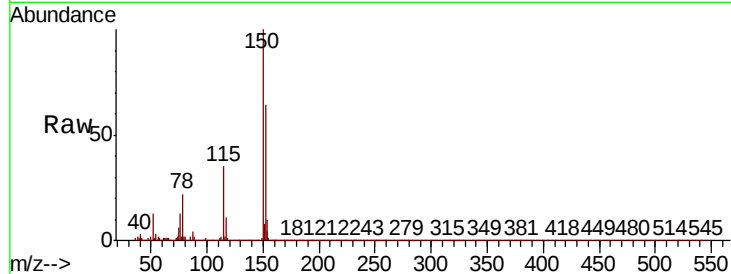
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Instrument :
BNA_P
ClientSampleId :
CRT-012

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.8	187.2
115	55.3	47.4	71.2

Manual Integrations
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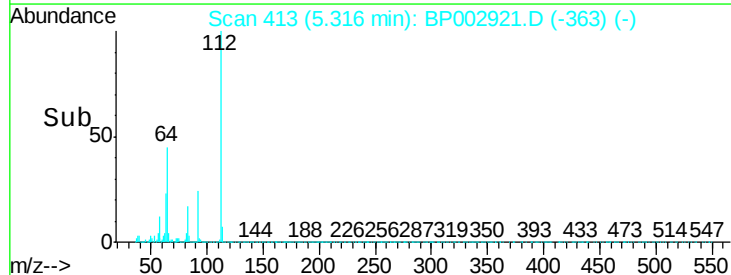
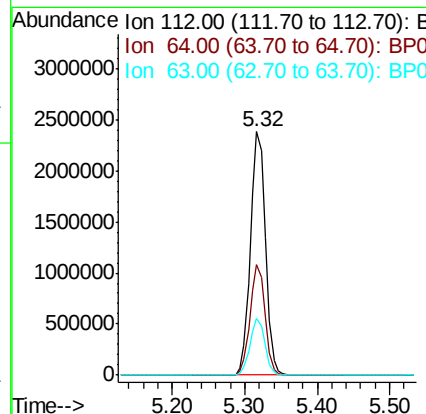
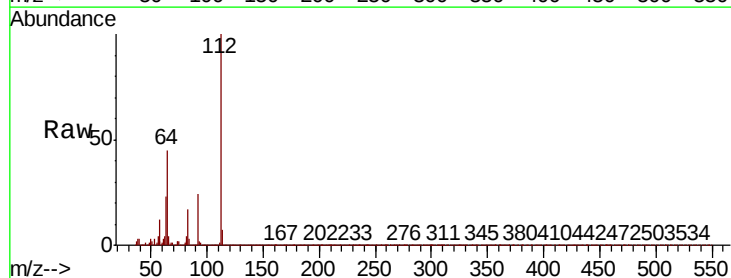
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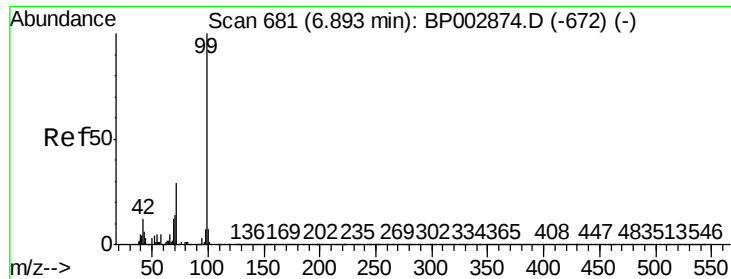


#5

2-Fluorophenol
Concen: 111.250 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.5	41.0	61.6
63	23.3	20.7	31.1





#7

Phenol-d6

Concen: 103.401 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002921.D

Acq: 06 Aug 2020 15:49

Instrument :

BNA_P

ClientSampleId :

CRT-012

Tot Ion: 99 Resp: 4439643

Ion Ratio Lower Upper

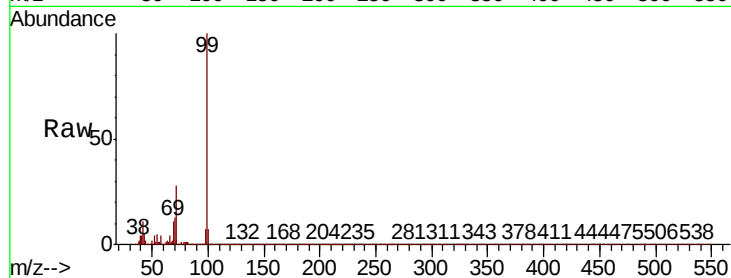
99 100

42 10.5 9.3 13.9

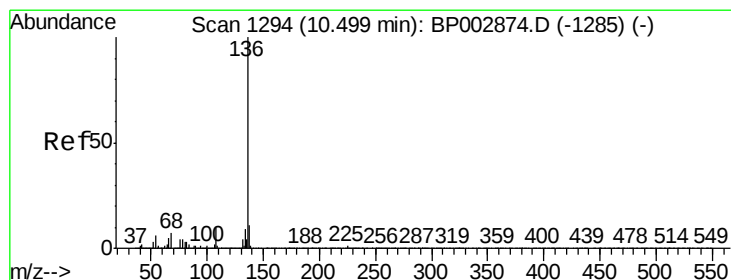
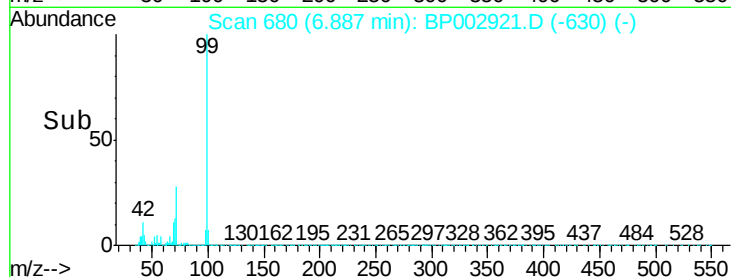
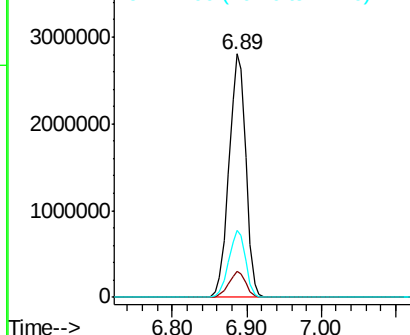
71 27.7 23.5 35.3

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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: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP002921.D

Acq: 06 Aug 2020 15:49

Tgt Ion: 136 Resp: 1901038

Ion Ratio Lower Upper

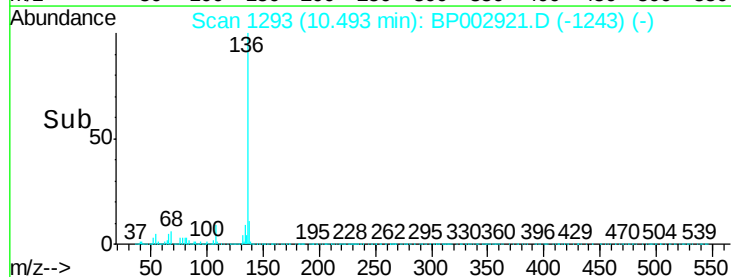
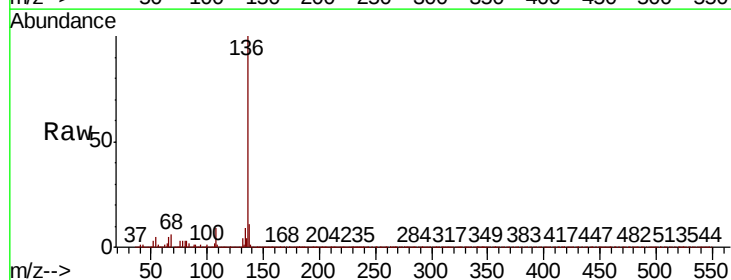
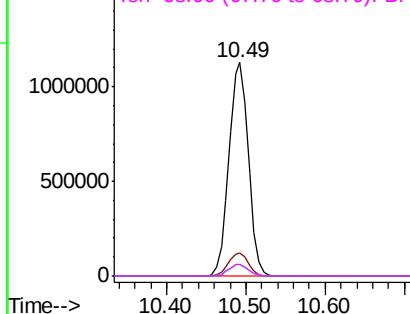
136 100

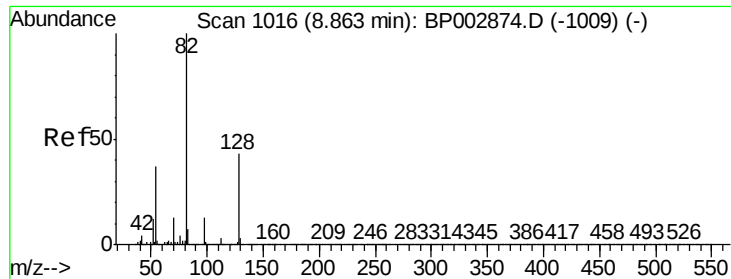
137 10.9 8.6 13.0

54 5.3 5.1 7.7

68 5.5 5.3 7.9

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0





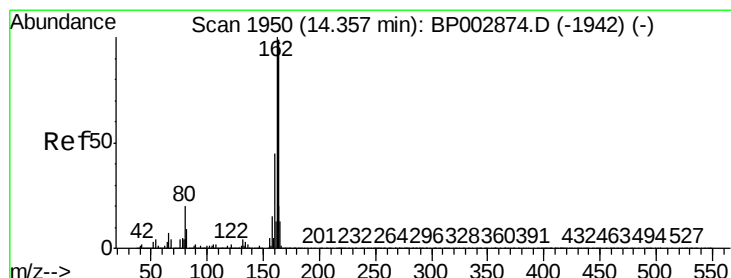
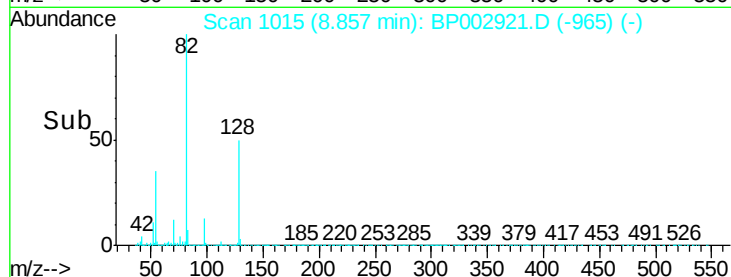
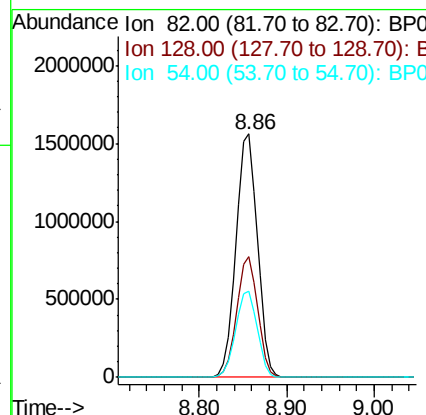
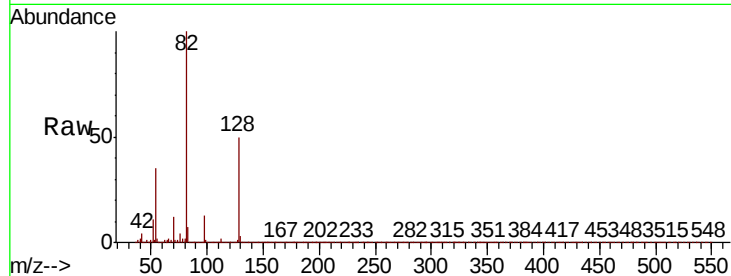
#23
Nitrobenzene-d5
Concen: 74.027 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Instrument :
BNA_P
ClientSampleId :
CRT-012

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.6	52.0
54	35.3	29.5	44.3

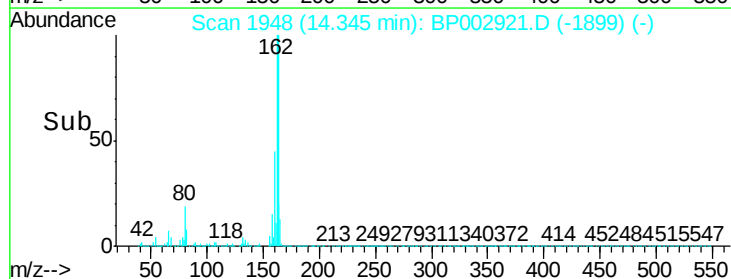
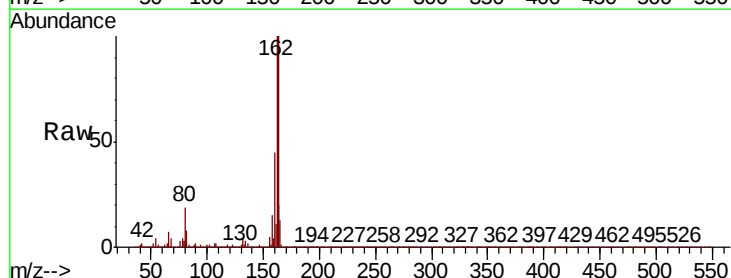
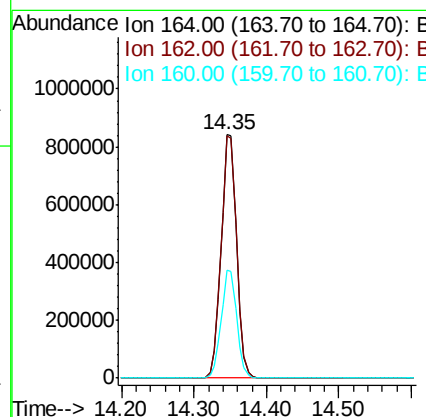
Manual Integrations
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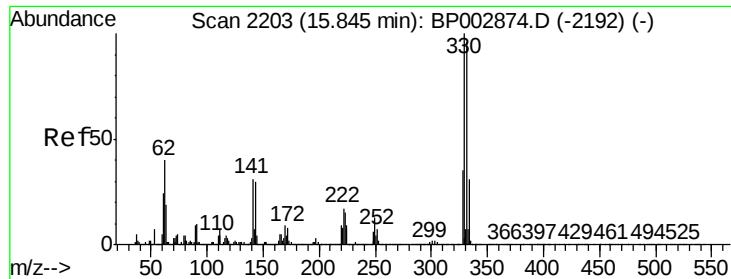
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.0	121.6
160	44.5	36.2	54.4





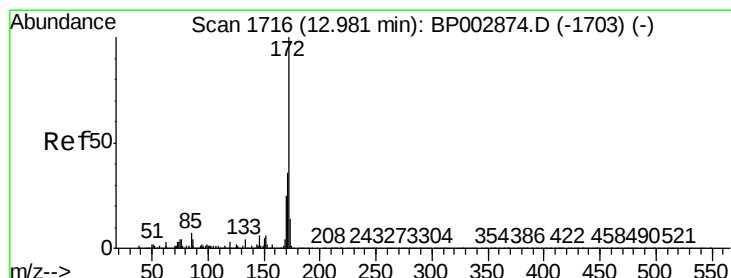
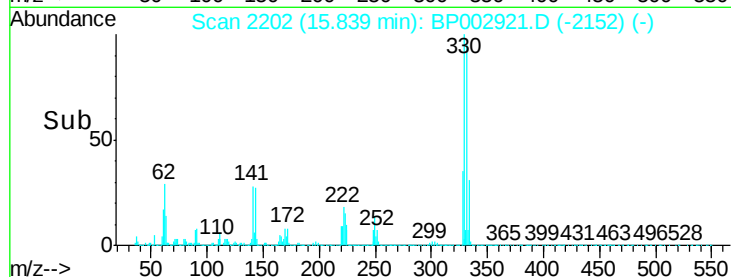
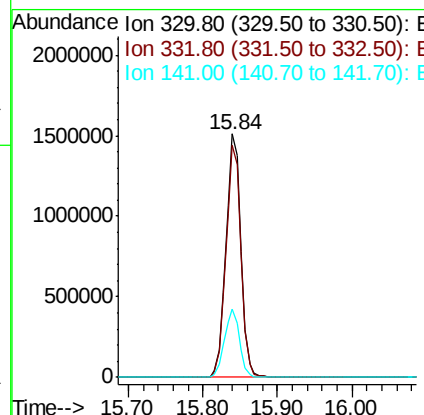
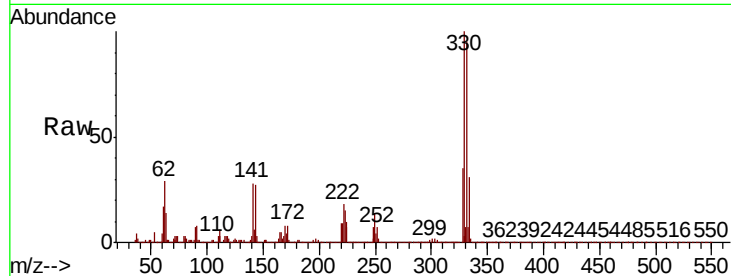
#42
 2,4,6-Tribromophenol
 Concen: 136.513 ng
 RT: 15.84 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BP002921.D
 Acq: 06 Aug 2020 15:49

Instrument :
 BNA_P
 ClientSampleId :
 CRT-012

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	28.0	24.6	37.0

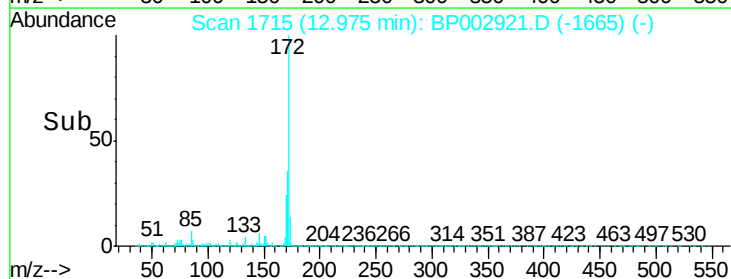
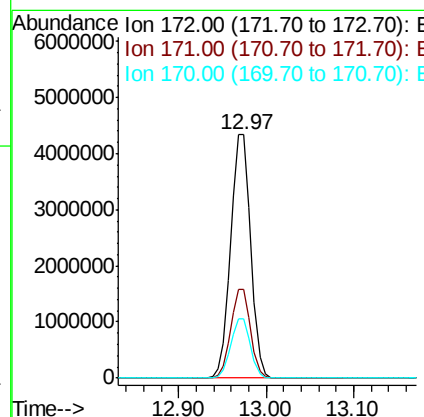
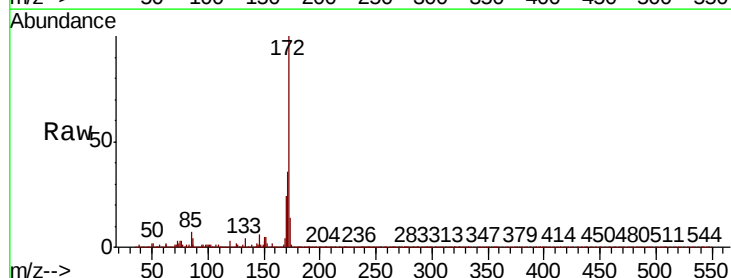
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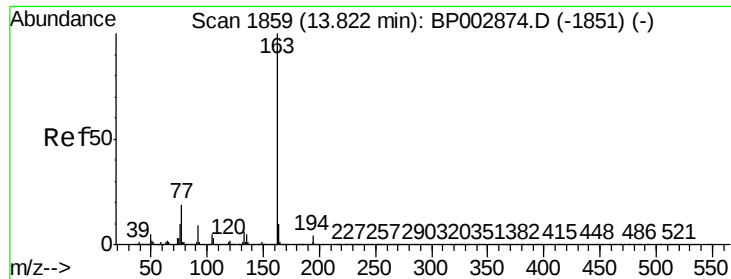
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#45
 2-Fluorobiphenyl
 Concen: 75.626 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP002921.D
 Acq: 06 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	24.4	19.6	29.4





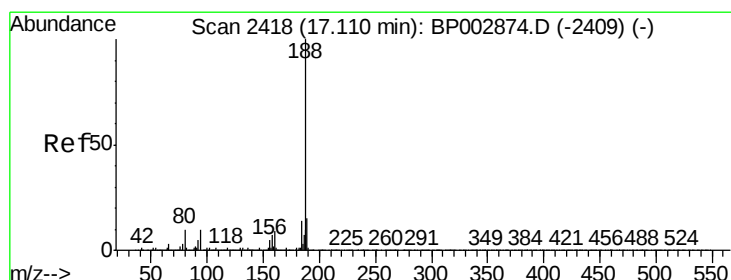
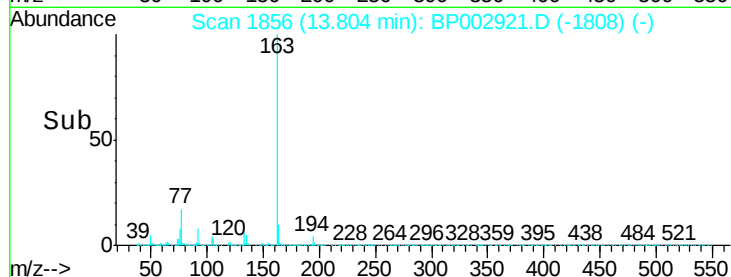
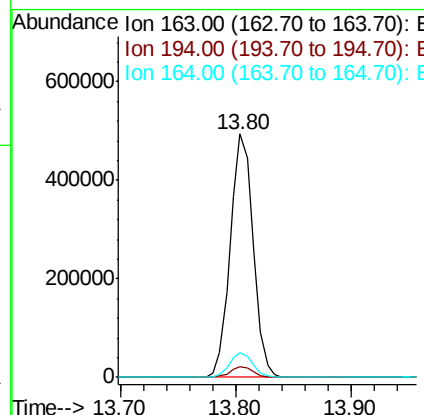
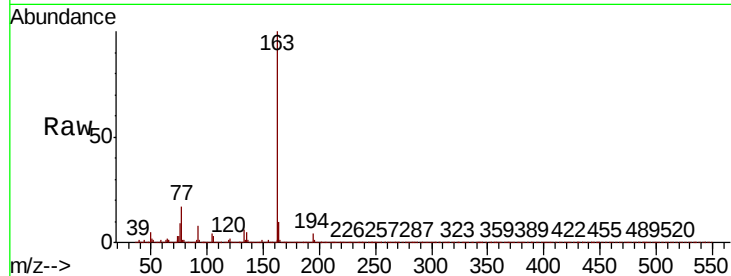
#50
Dimethylphthalate
Concen: 7.014 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Instrument :
BNA_P
ClientSampleId :
CRT-012

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	8.2	12.2

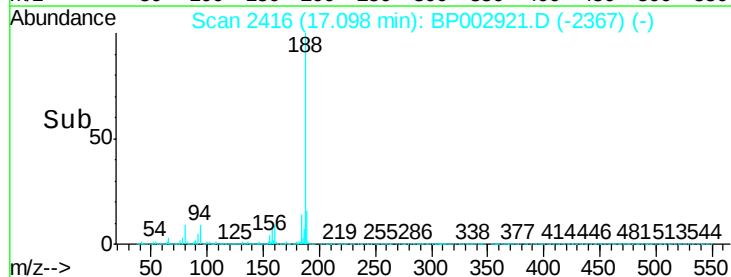
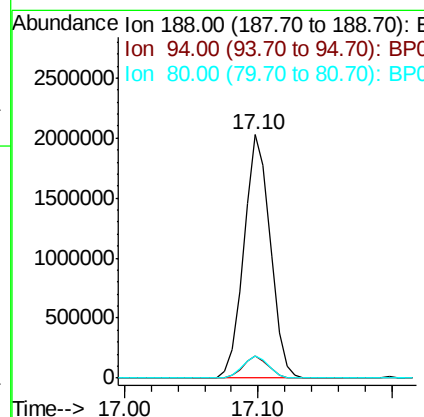
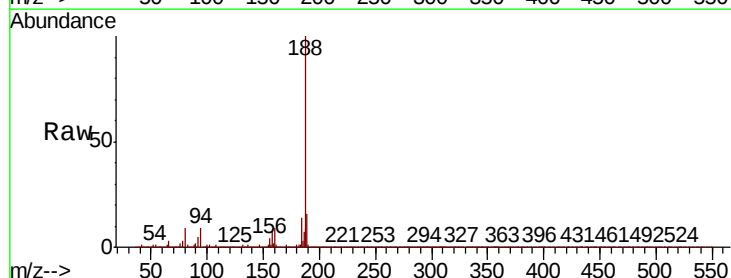
Manual Integrations
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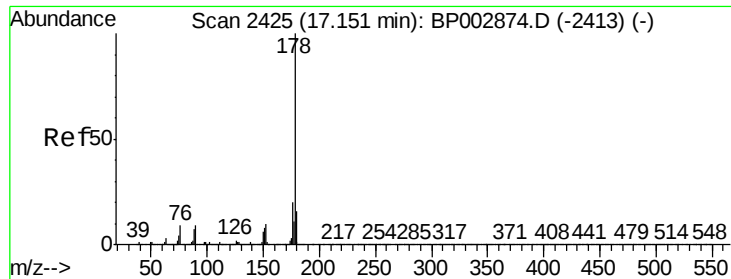
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.6
80	9.2	8.0	12.0





#71

Phenanthrene

Concen: 6.775 ng

RT: 17.14 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP002921.D

Acq: 06 Aug 2020 15:49

Instrument :

BNA_P

ClientSampleId :

CRT-012

Tot Ion:178 Resp: 1095475

Ion Ratio Lower Upper

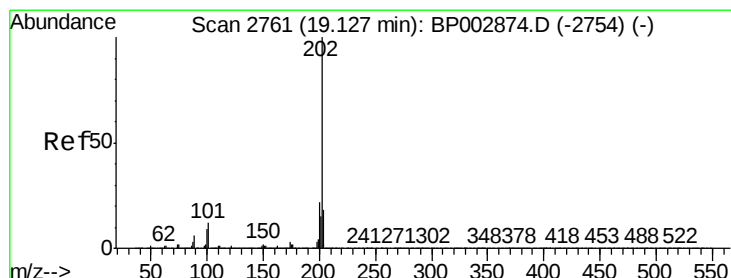
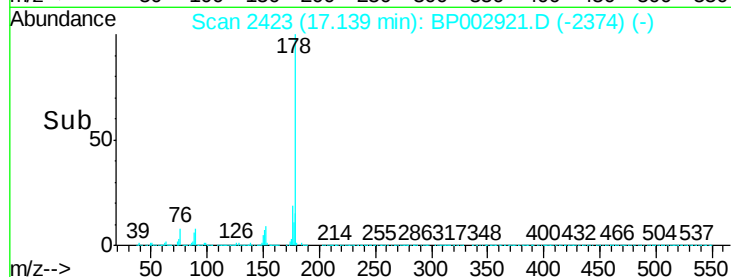
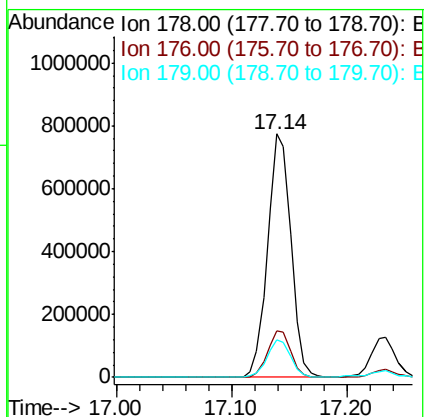
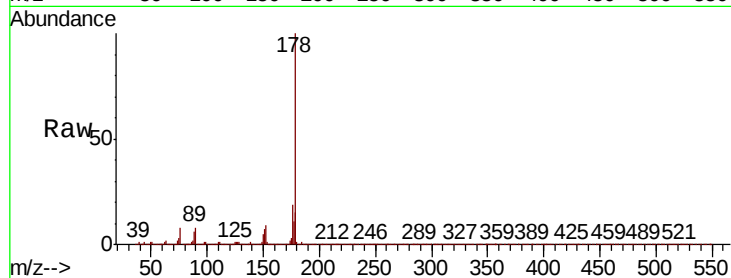
178 100

176 18.9 16.1 24.1

179 15.3 13.0 19.4

Manual Integrations
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#75

Fluoranthene

Concen: 12.886 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BP002921.D

Acq: 06 Aug 2020 15:49

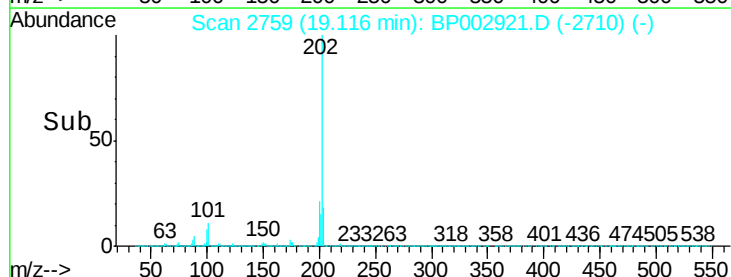
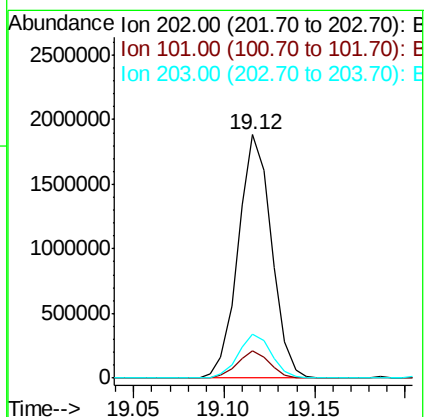
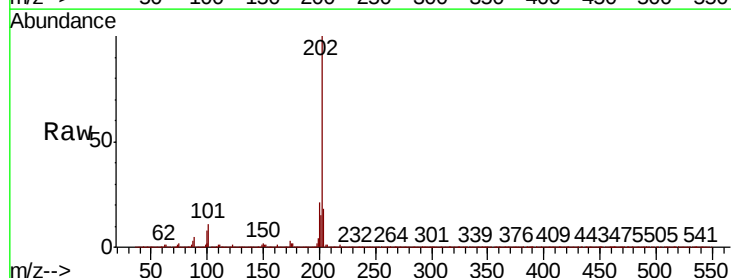
Tgt Ion:202 Resp: 2400566

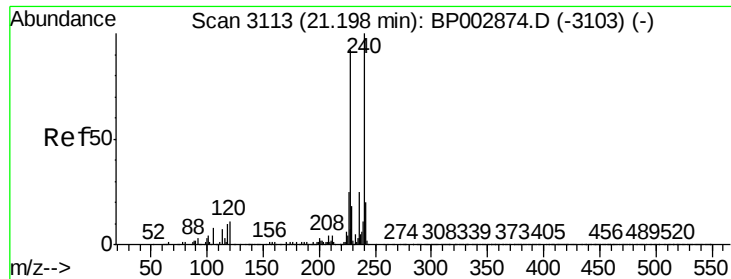
Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.6

203 18.2 0.0 38.4





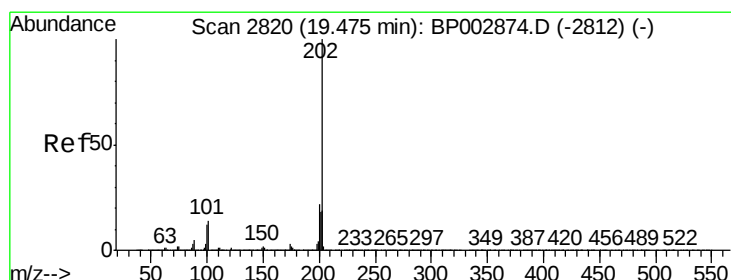
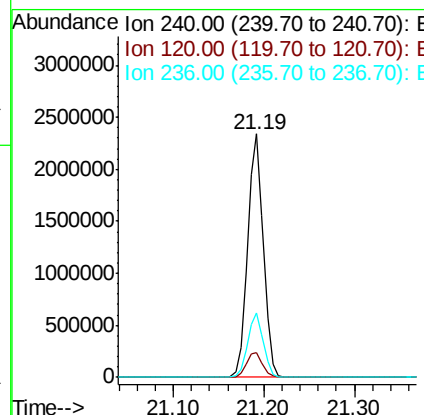
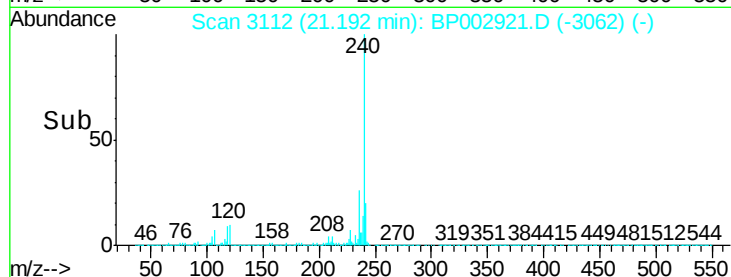
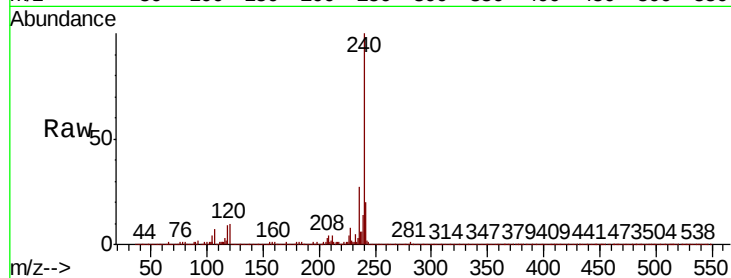
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Instrument :
BNA_P
ClientSampleId :
CRT-012

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	26.6	20.3	30.5

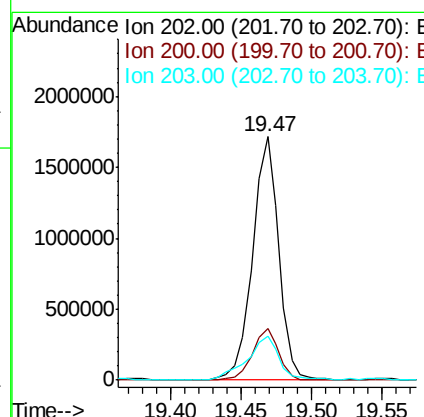
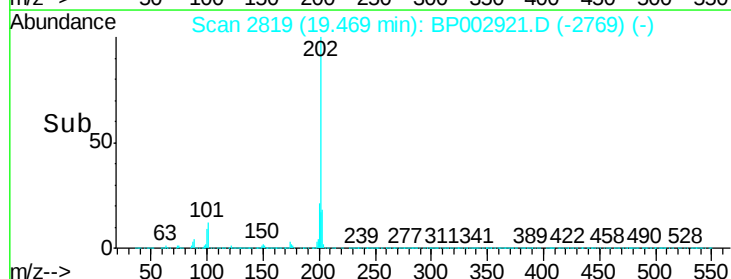
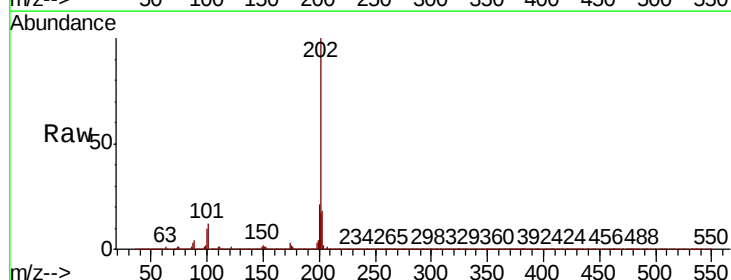
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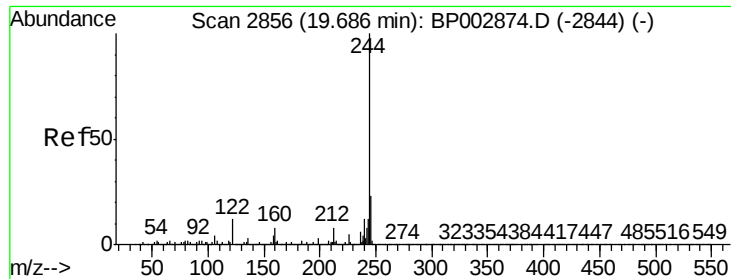
mohammad
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#78
Pyrene
Concen: 11.371 ng
RT: 19.47 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

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





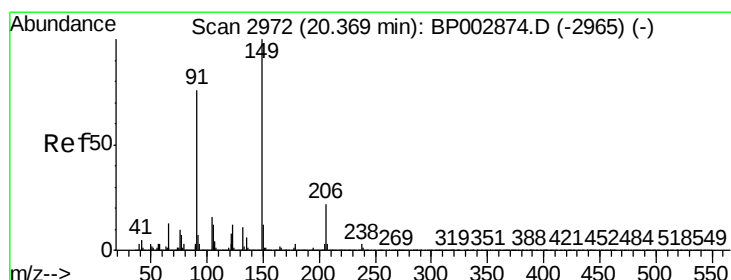
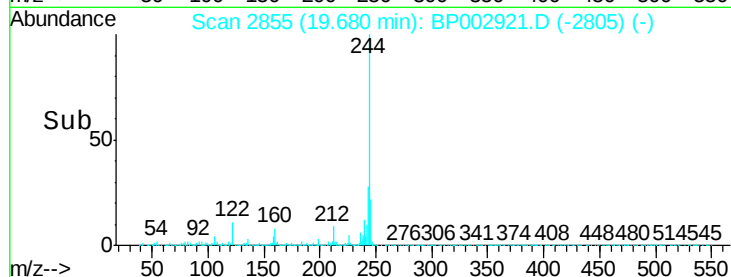
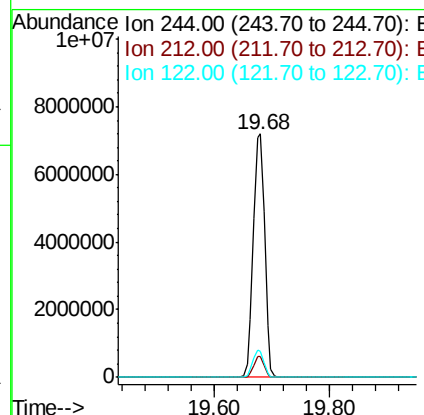
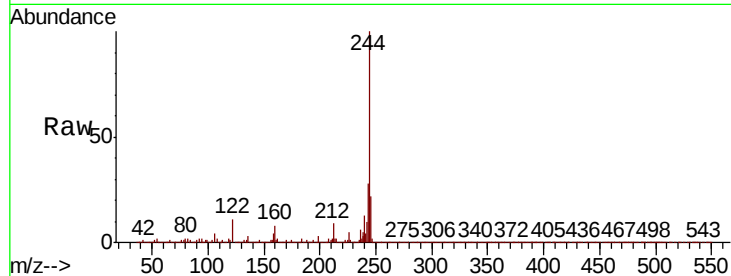
#79
 Terphenyl-d14
 Concen: 70.465 ng
 RT: 19.68 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BP002921.D
 Acq: 06 Aug 2020 15:49

Instrument :
 BNA_P
 ClientSampleID :
 CRT-012

Tot Ion:244 Resp: 9850549
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.4 9.6
 122 10.7 9.4 14.2

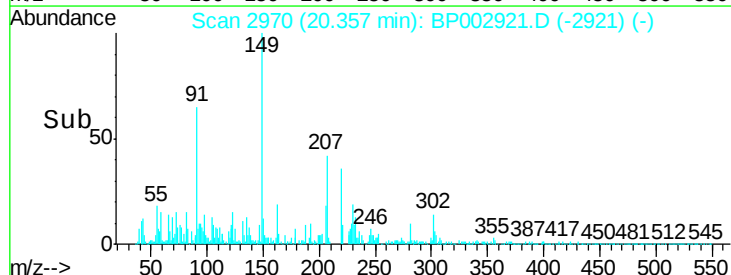
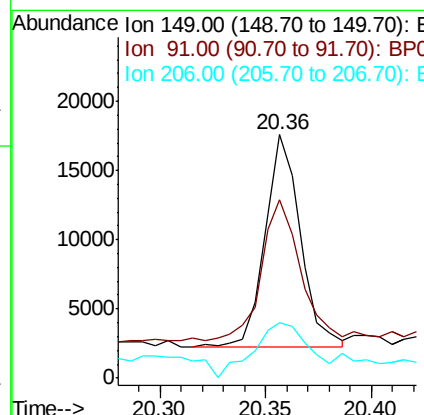
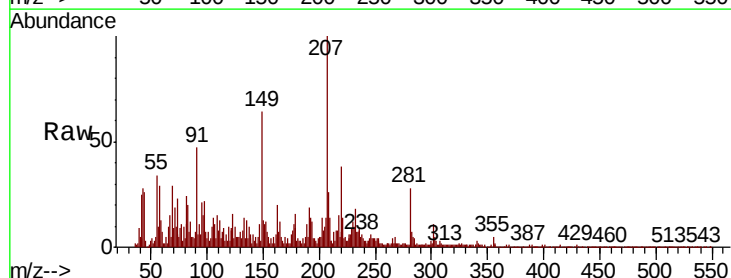
Manual Integrations
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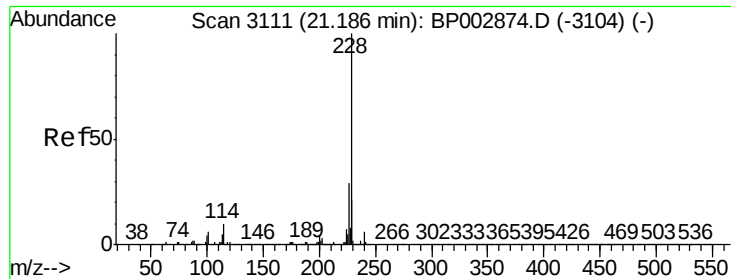
mohammad
 8/7/2020 1:53:53 PM



#80
 Butylbenzylphthalate
 Concen: 3.267 ng
 RT: 20.36 min Scan# 2970
 Delta R.T. -0.01 min
 Lab File: BP002921.D
 Acq: 06 Aug 2020 15:49

Tgt Ion:149 Resp: 17723
 Ion Ratio Lower Upper
 149 100
 91 73.1 60.5 90.7
 206 22.7 17.5 26.3





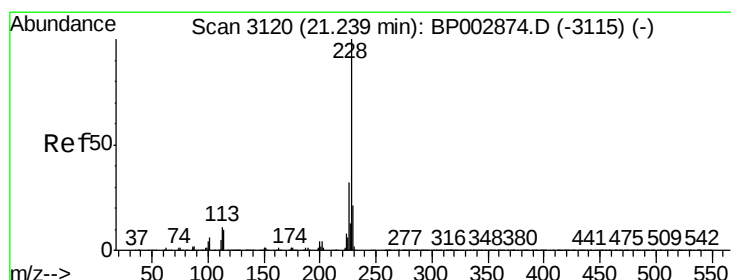
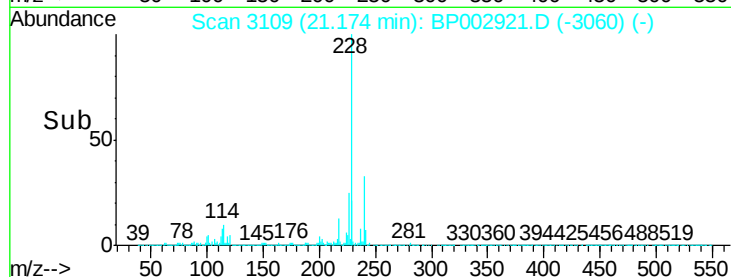
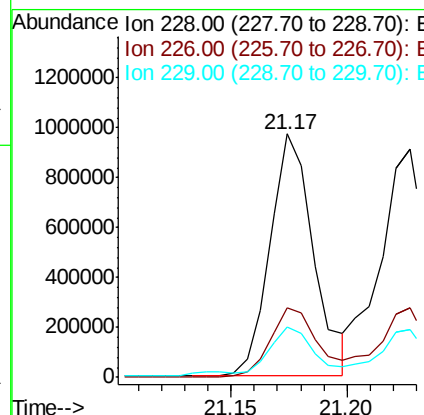
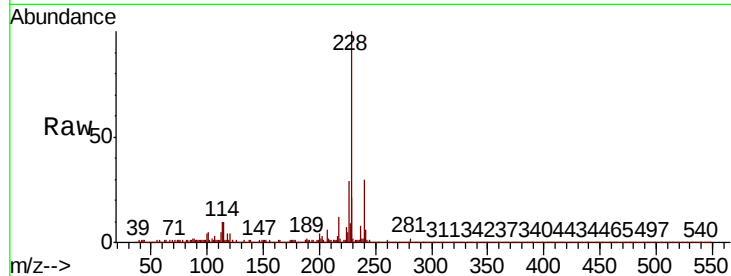
#81
Benzo(a)anthracene
Concen: 6.658 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Instrument :
BNA_P
ClientSampleId :
CRT-012

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.3	34.9
229	20.7	16.9	25.3

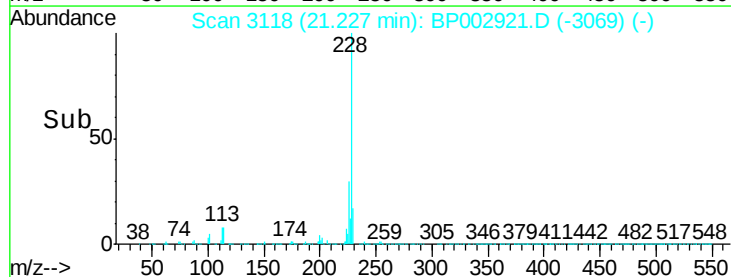
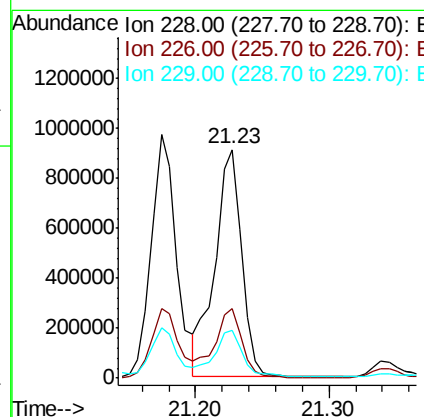
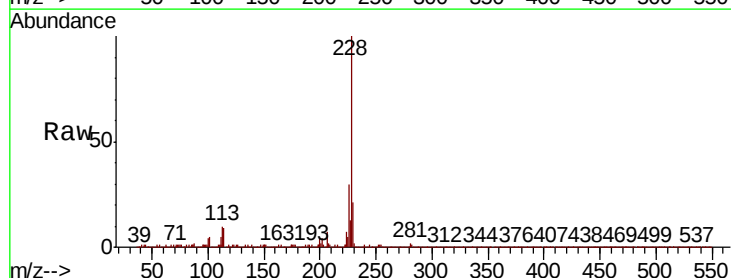
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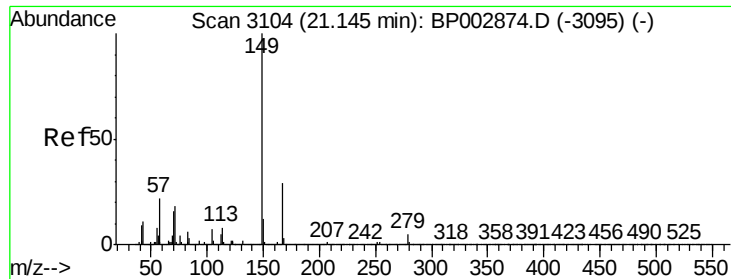
mohammad
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#83
Chrysene
Concen: 7.193 ng
RT: 21.23 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.5	38.3
229	20.7	16.7	25.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.624 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BP002921.D

Acq: 06 Aug 2020 15:49

Instrument :

BNA_P

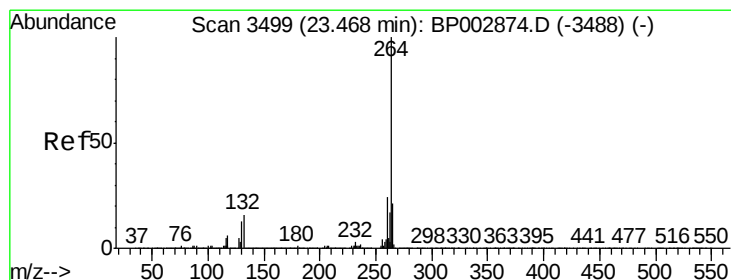
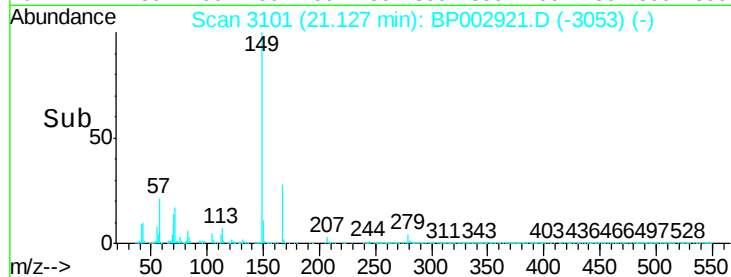
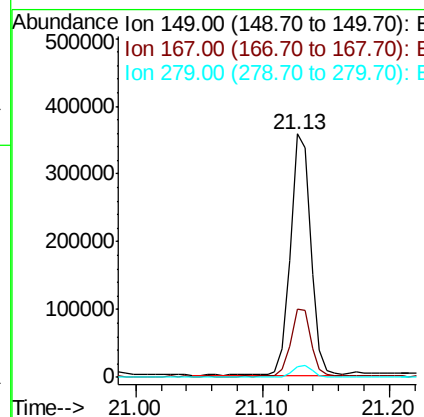
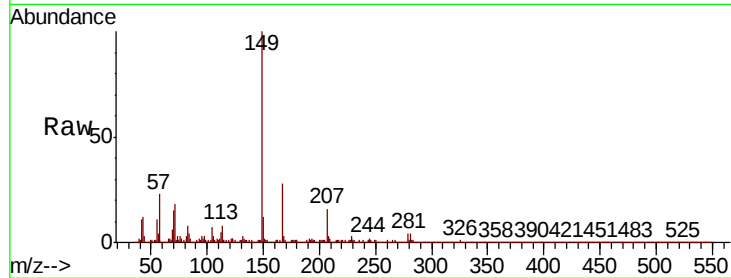
ClientSampleId :

CRT-012

Tot Ion:	149	Resp:	392432
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.4	35.2
279	4.2	4.0	6.0

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#86

Perylene-d12

Concen: 20.000 ng

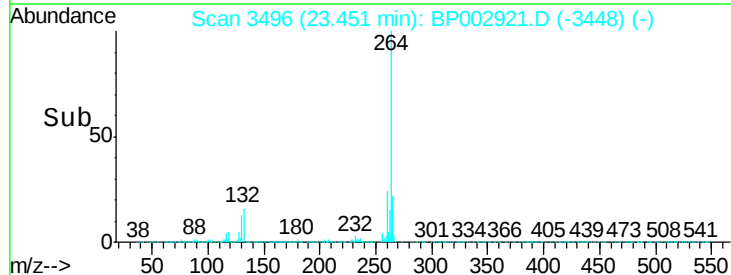
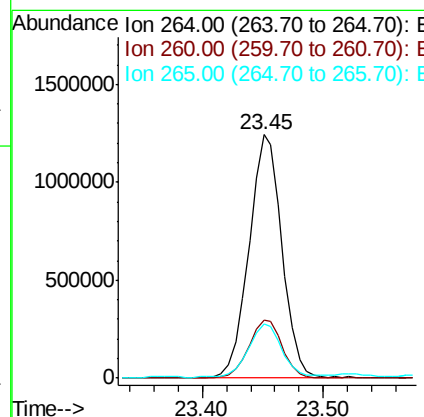
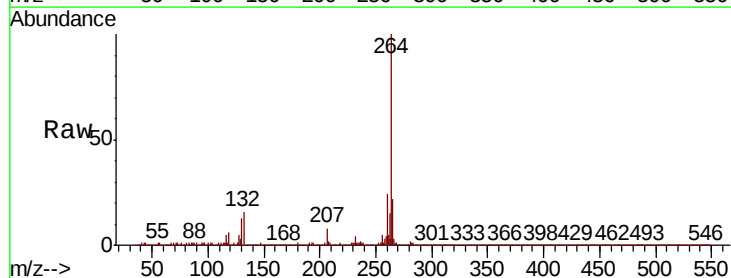
RT: 23.45 min Scan# 3496

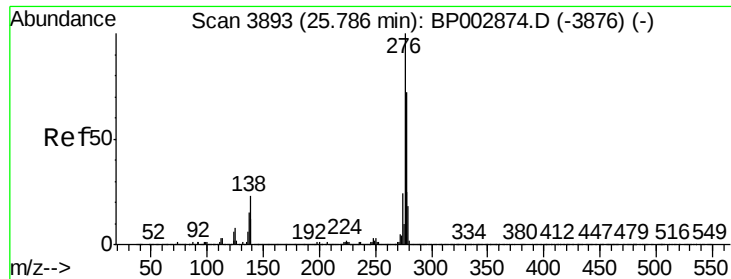
Delta R.T. -0.02 min

Lab File: BP002921.D

Acq: 06 Aug 2020 15:49

Tgt Ion:	264	Resp:	2349479
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.0	28.6
265	22.1	17.0	25.4





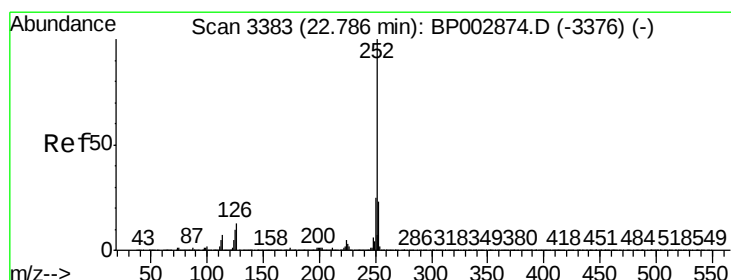
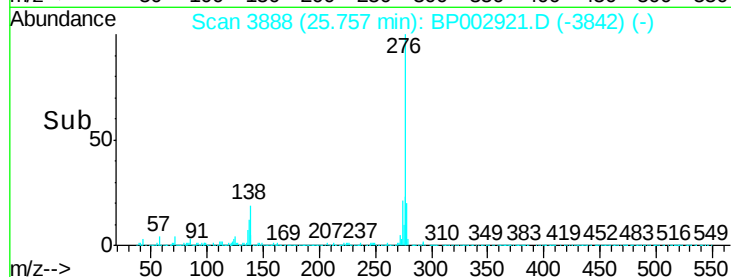
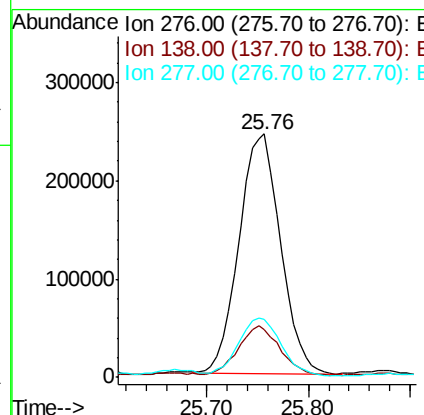
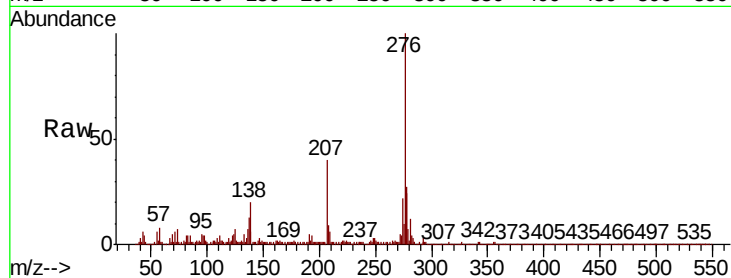
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.705 ng
 RT: 25.76 min Scan# 3888
 Delta R.T. -0.03 min
 Lab File: BP002921.D
 Acq: 06 Aug 2020 15:49

Instrument :
 BNA_P
 ClientSampleId :
 CRT-012

Tot Ion:	276	Resp:	697189
Ion Ratio	Lower	Upper	
276	100		
138	20.2	19.3	28.9
277	24.6	20.4	30.6

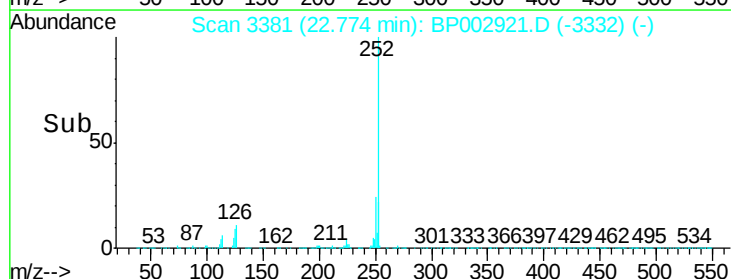
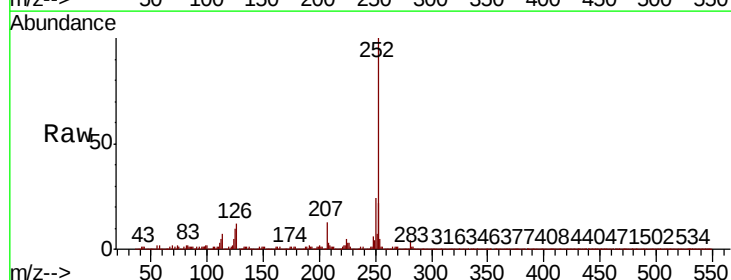
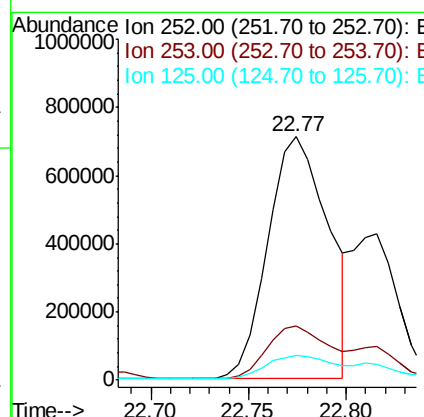
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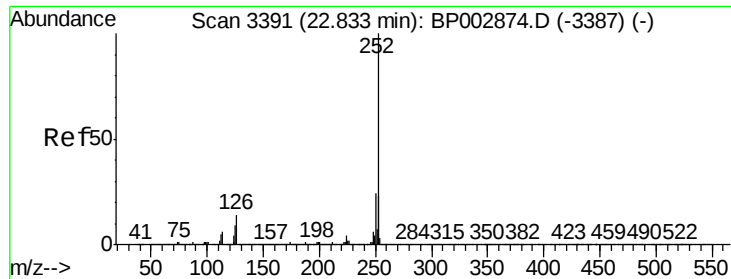
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 9.232 ng
 RT: 22.77 min Scan# 3381
 Delta R.T. -0.01 min
 Lab File: BP002921.D
 Acq: 06 Aug 2020 15:49

Tgt Ion:	252	Resp:	1530717
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.3	27.5
125	10.0	7.8	11.8





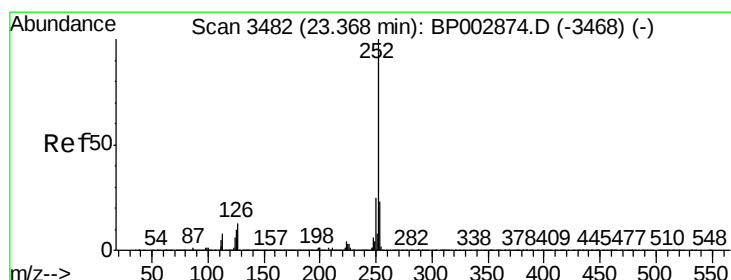
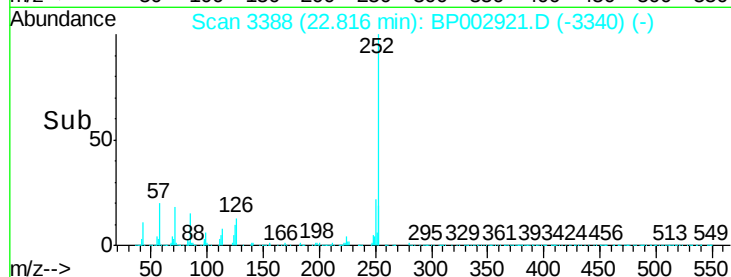
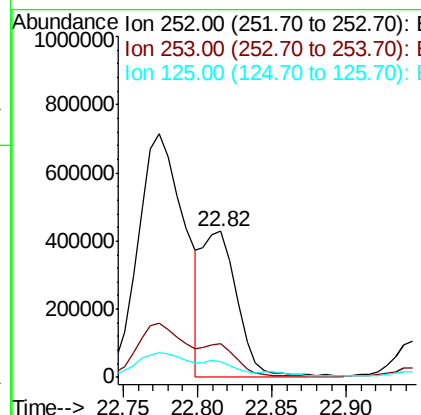
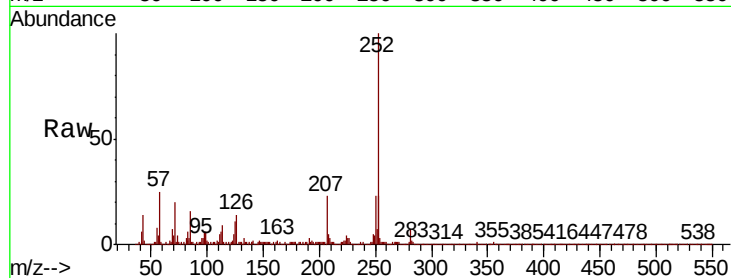
#89
Benzo(k)fluoranthene
Concen: 4.567 ng m
RT: 22.82 min Scan# 3388
Delta R.T. -0.02 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Instrument :
BNA_P
ClientSampled :
CRT-012

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.8	7.5	11.3

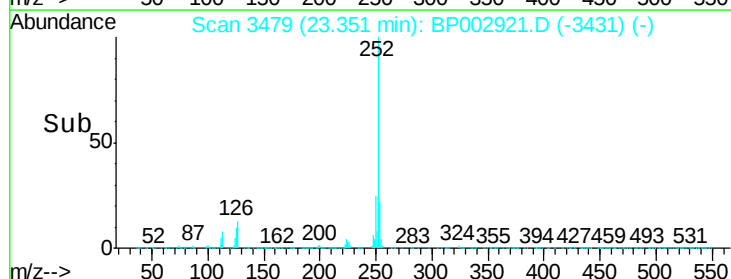
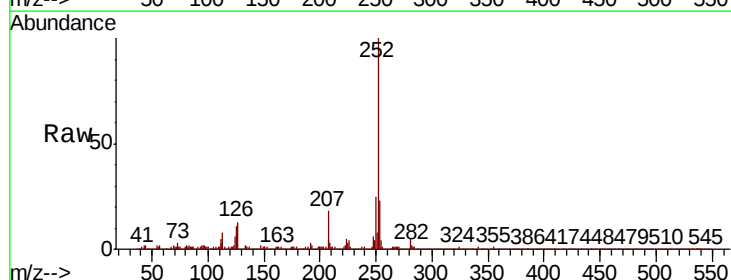
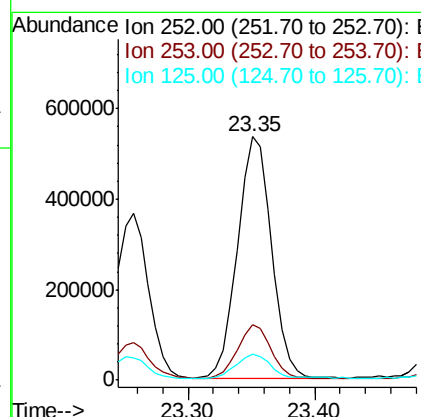
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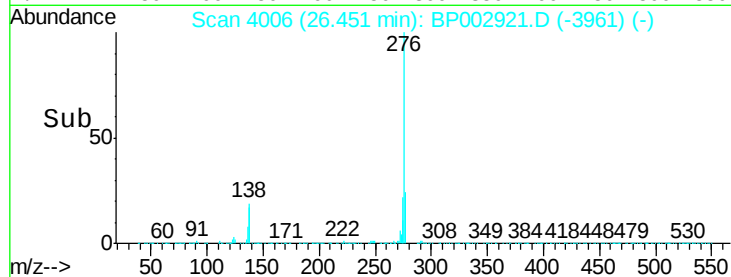
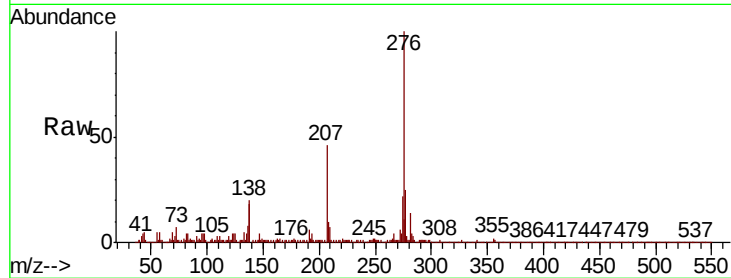
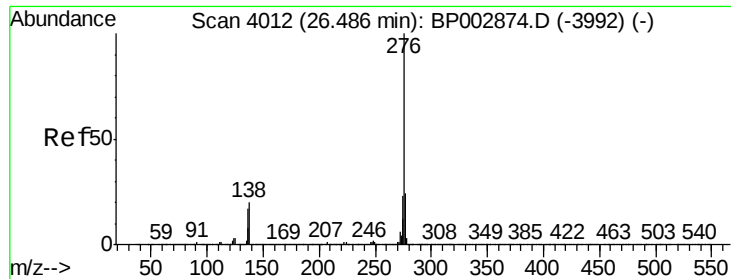
mohammad
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#90
Benzo(a)pyrene
Concen: 6.643 ng
RT: 23.35 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.9	8.3	12.5





#92
Benzo(a,h,i)perylene
Concen: 4.184 ng
RT: 26.45 min Scan# 4006
Delta R.T. -0.04 min
Lab File: BP002921.D
Acq: 06 Aug 2020 15:49

Instrument :
BNA_P
ClientSampleId :
CRT-012

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	19.7	16.2	24.2

Manual Integrations
APPROVED

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8/7/2020 1:53:53 PM

