

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002923.D
 Acq On : 06 Aug 2020 16:58
 Operator : CG/JU
 Sample : L3548-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-017

Manual Integrations
 APPROVED

mohammad
 8/7/2020 1:53:58 PM

Quant Time: Aug 06 17:32:02 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	431424	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1757284	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1154620	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2638848	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	3051048	20.00	ng	0.00
86) Perylene-d12	23.45	264	2780168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3192108	113.24	ng	0.00
7) Phenol-d6	6.89	99	4208409	107.53	ng	0.00
23) Nitrobenzene-d5	8.86	82	2413425	74.39	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	2131572	148.54	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6472726	76.59	ng	-0.01
79) Terphenyl-d14	19.67	244	10139302	66.53	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.80	163	528987	5.858	ng	100
71) Phenanthrene	17.14	178	461423	2.982	ng	98
75) Fluoranthene	19.12	202	1721339	9.655	ng	98
78) Pyrene	19.47	202	1538937	7.215	ng	97
81) Benzo(a)anthracene	21.17	228	1331793	6.408	ng	99
83) Chrysene	21.23	228	1347004	6.871	ng	98
87) Indeno(1,2,3-cd)pyrene	25.75	276	703203	3.158	ng	96
88) Benzo(b)fluoranthene	22.77	252	2104868	10.729	ng	99
89) Benzo(k)fluoranthene	22.82	252	827959m	4.465	ng	
90) Benzo(a)pyrene	23.35	252	935015	5.274	ng	99
92) Benzo(g,h,i)perylene	26.45	276	637952	3.481	ng	99

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

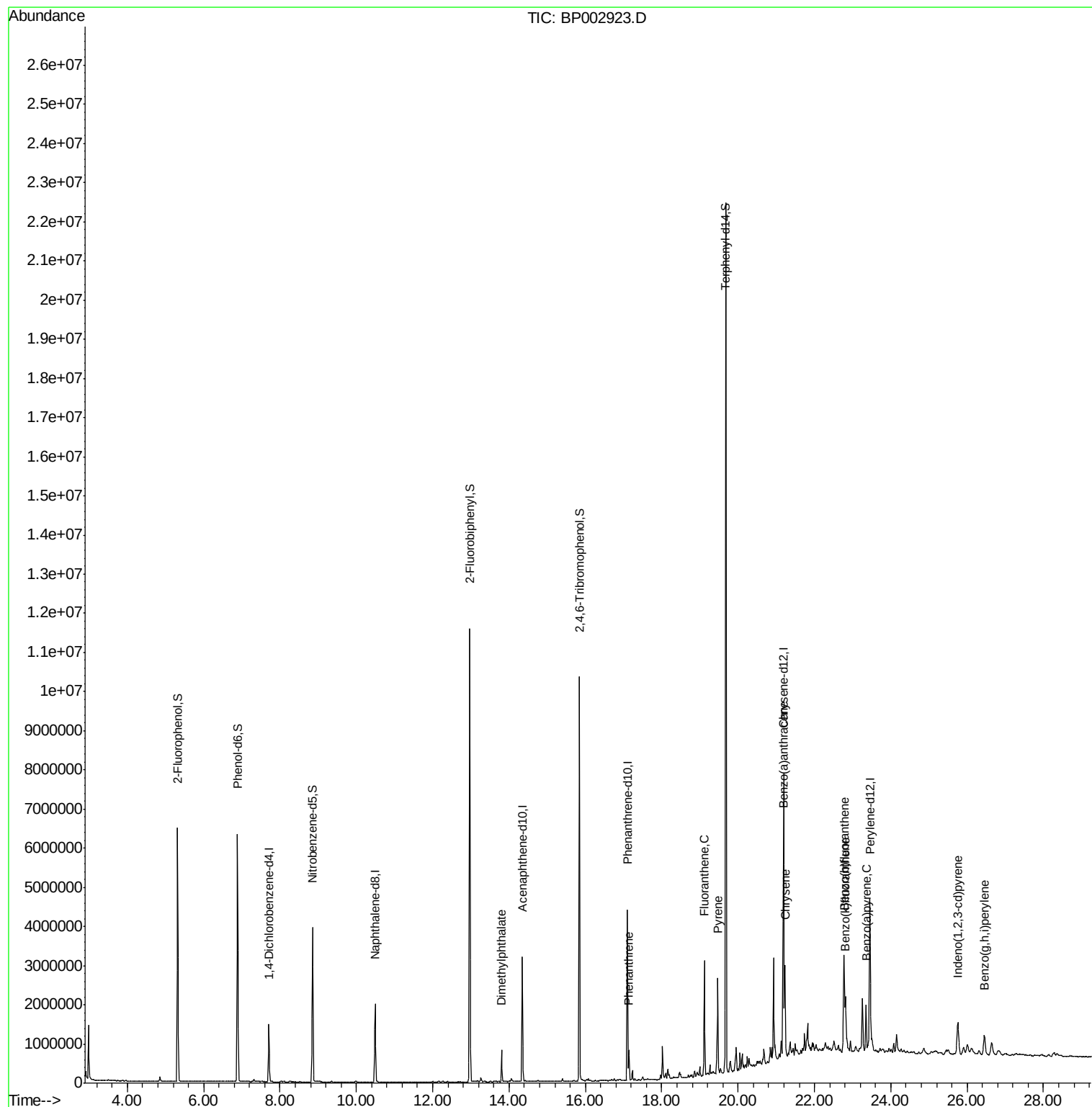
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002923.D
Acq On : 06 Aug 2020 16:58
Operator : CG/JU
Sample : L3548-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

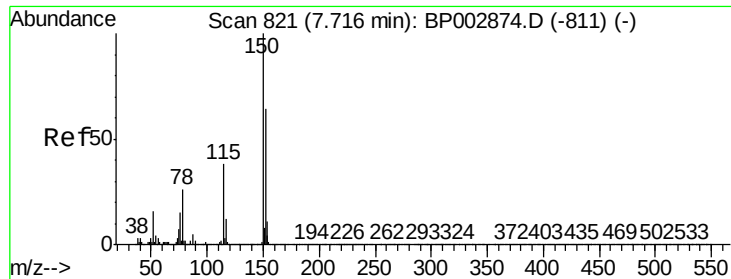
Instrument :
BNA_P
ClientSampleId :
CRT-017

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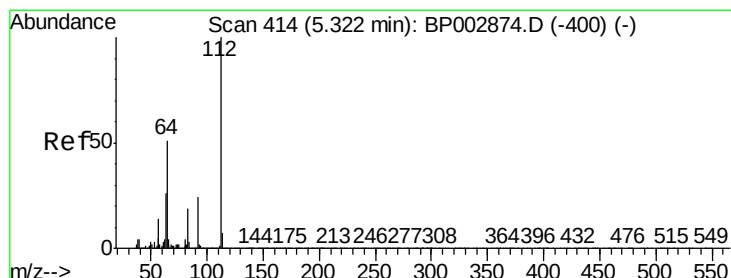
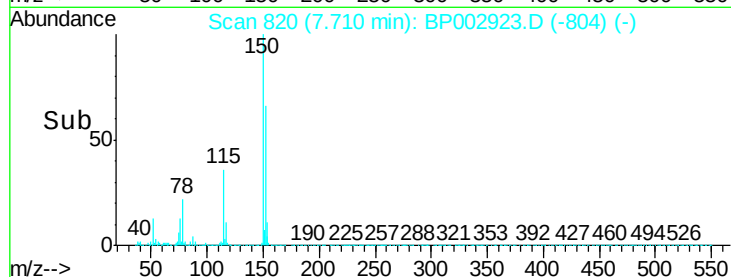
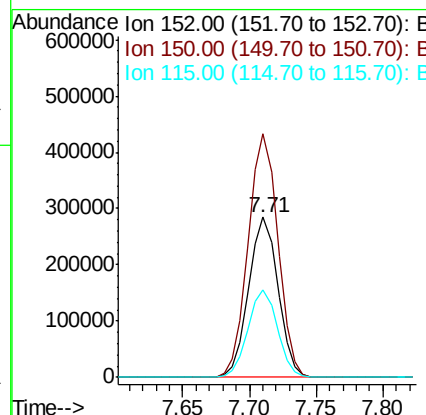
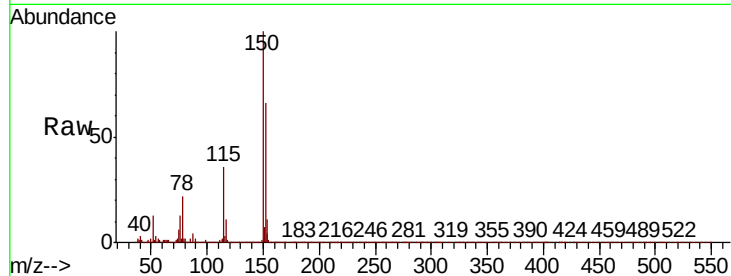
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.71 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BP002923.D
 Acq: 06 Aug 2020 16:58

Instrument :
 BNA_P
 ClientSampled :
 CRT-017

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.8	187.2
115	54.6	47.4	71.2

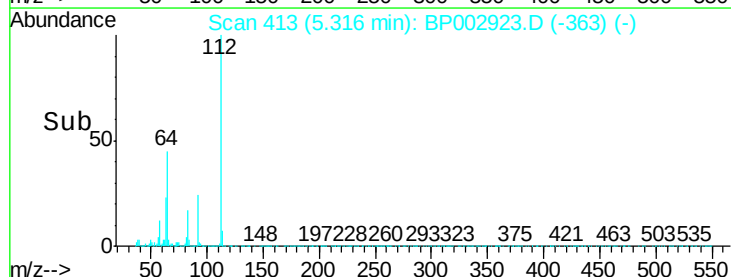
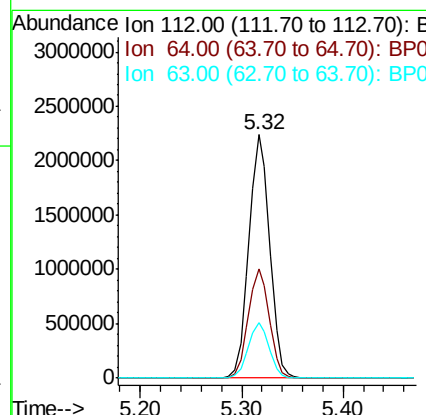
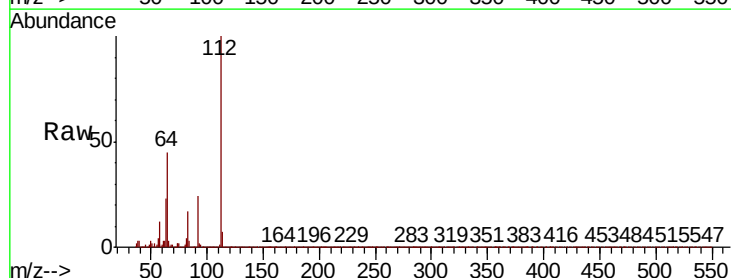
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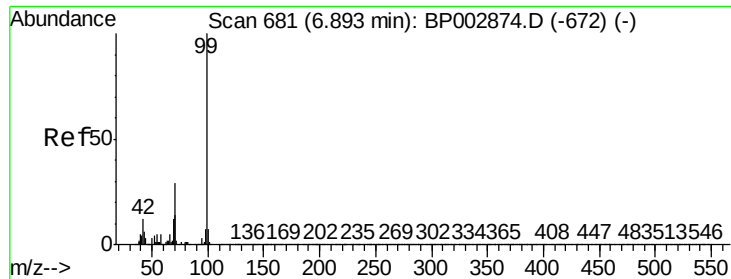
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#5
 2-Fluorophenol
 Concen: 113.242 ng
 RT: 5.32 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BP002923.D
 Acq: 06 Aug 2020 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.9	41.0	61.6
63	22.7	20.7	31.1





#7

Phenol-d6

Concen: 107.533 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002923.D

Acq: 06 Aug 2020 16:58

Instrument :

BNA_P

ClientSampleId :

CRT-017

Tot Ion: 99 Resp: 4208409

Ion Ratio Lower Upper

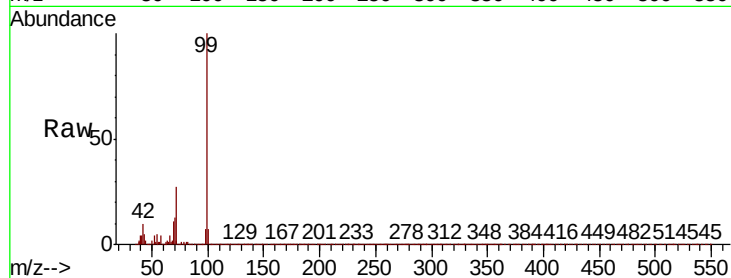
99 100

42 10.5 9.3 13.9

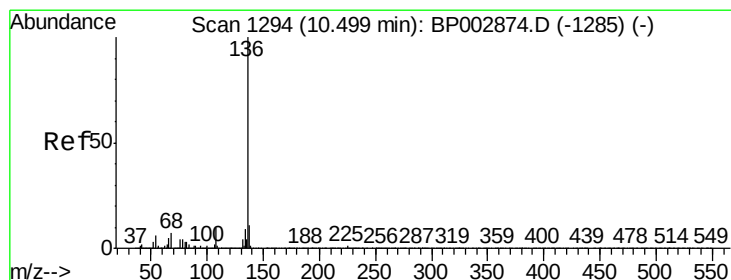
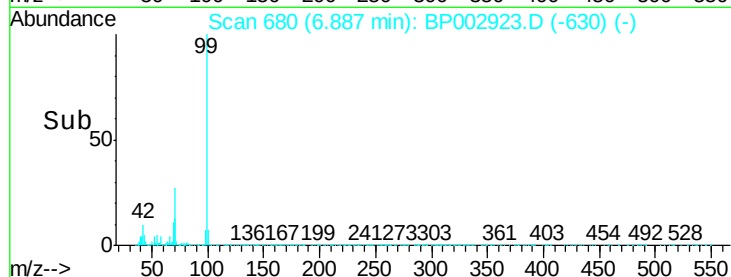
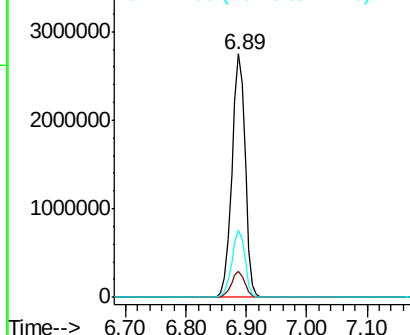
71 27.3 23.5 35.3

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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: BP002923.D

Acq: 06 Aug 2020 16:58

Tgt Ion: 136 Resp: 1757284

Ion Ratio Lower Upper

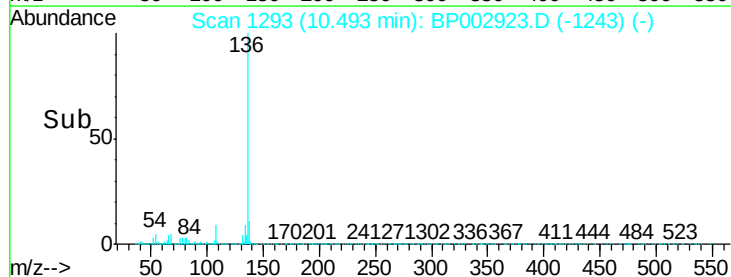
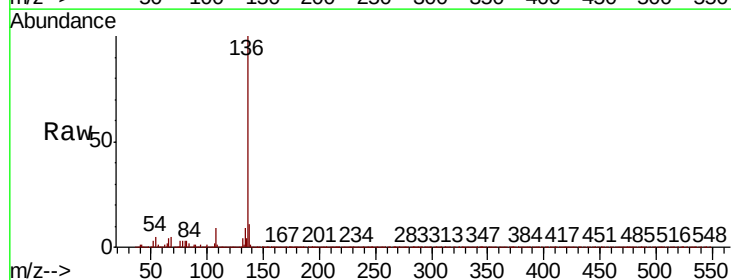
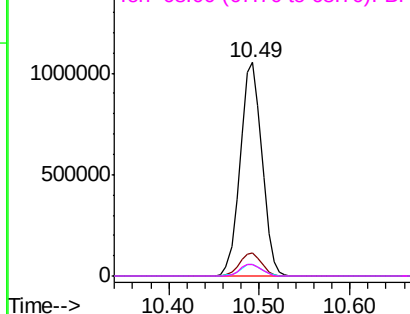
136 100

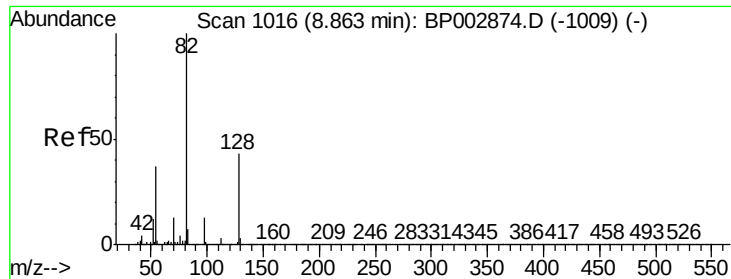
137 11.0 8.6 13.0

54 5.3 5.1 7.7

68 5.4 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





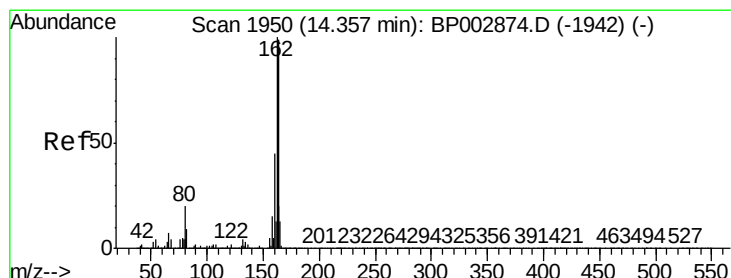
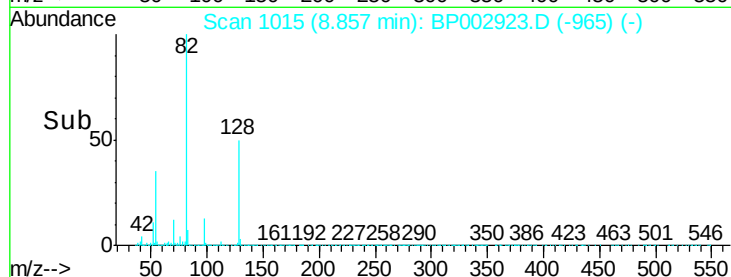
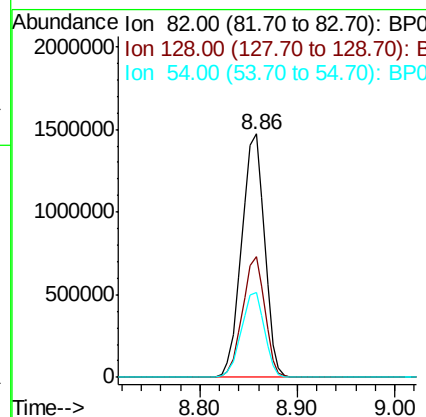
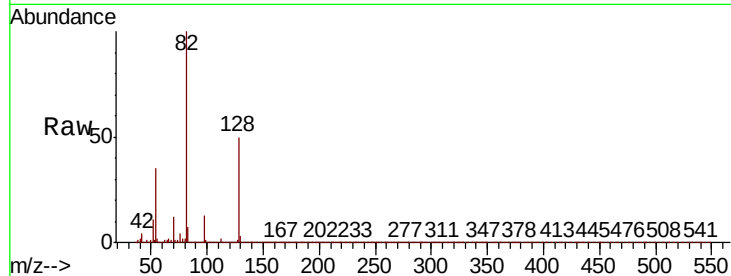
#23
Nitrobenzene-d5
Concen: 74.386 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Instrument :
BNA_P
ClientSampleId :
CRT-017

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.6	52.0
54	35.0	29.5	44.3

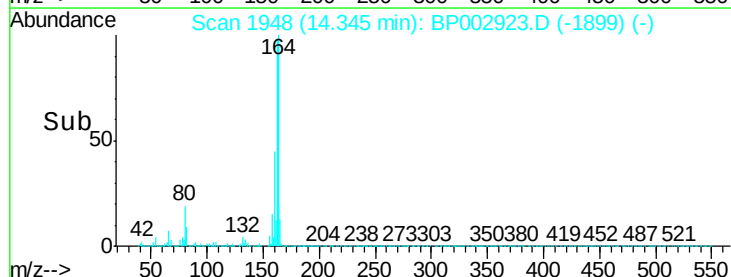
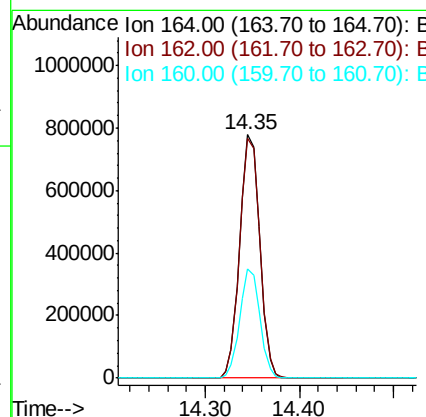
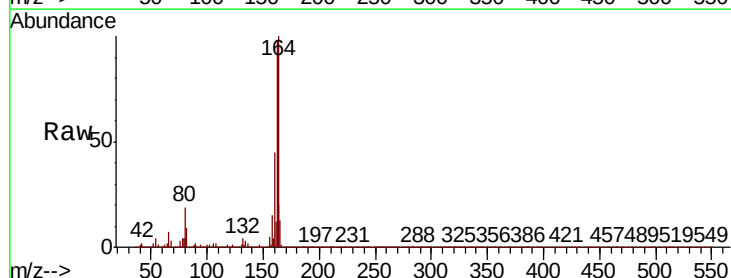
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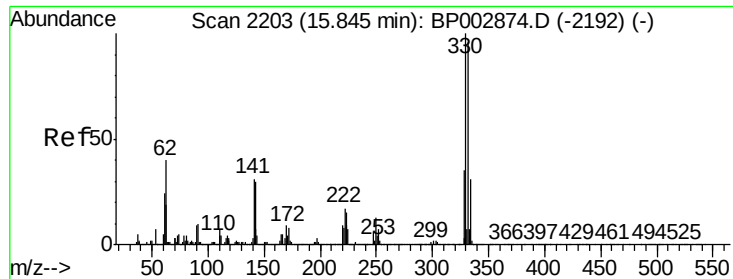
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	81.0	121.6
160	44.9	36.2	54.4





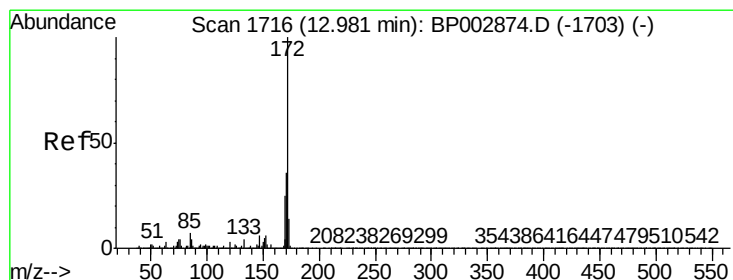
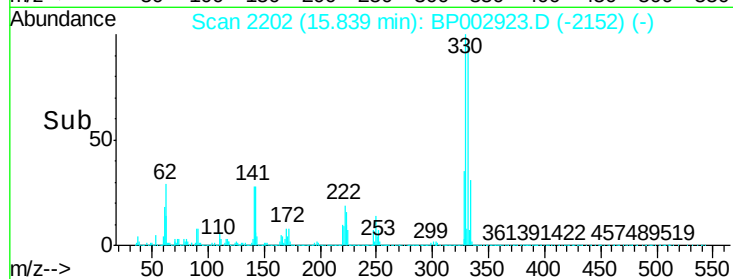
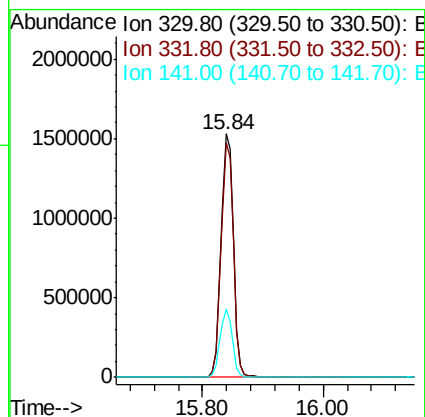
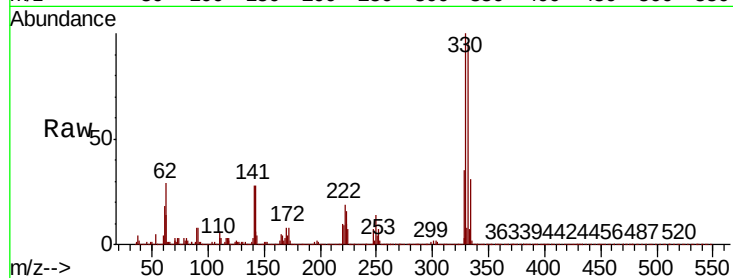
#42
 2,4,6-Tribromophenol
 Concen: 148.535 ng
 RT: 15.84 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BP002923.D
 Acq: 06 Aug 2020 16:58

Instrument :
 BNA_P
 ClientSampleId :
 CRT-017

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	27.7	24.6	37.0

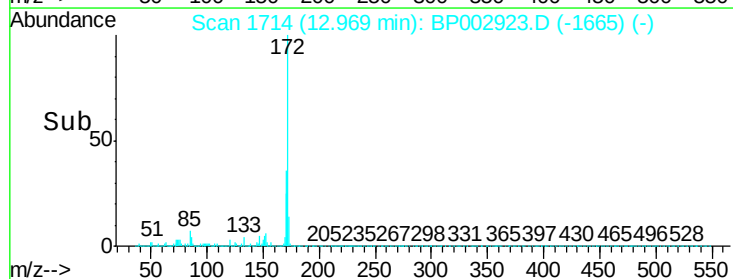
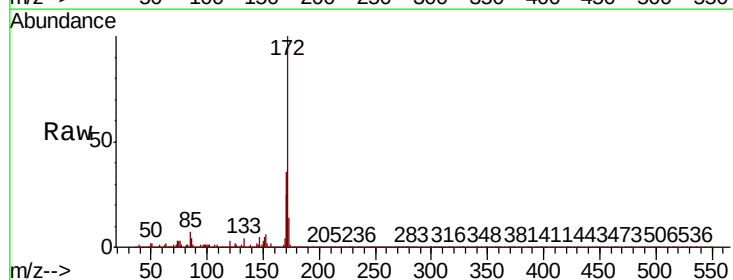
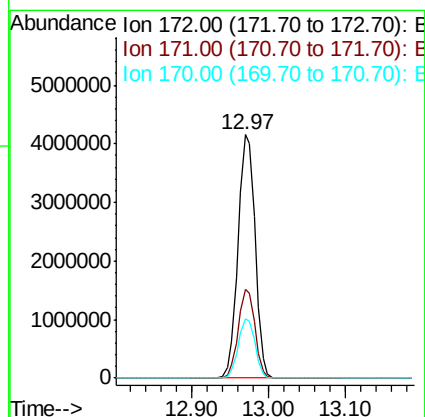
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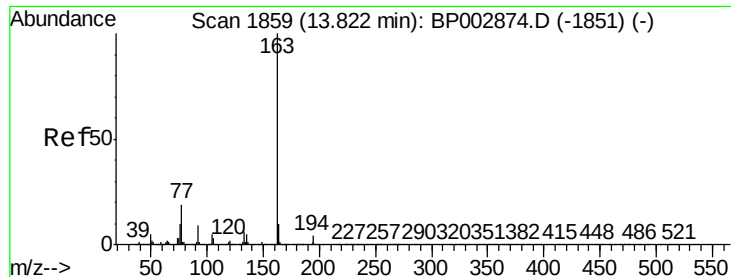
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#45
 2-Fluorobiphenyl
 Concen: 76.594 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BP002923.D
 Acq: 06 Aug 2020 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	24.5	19.6	29.4





#50

Dimethylphthalate

Concen: 5.858 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BP002923.D

Acq: 06 Aug 2020 16:58

Instrument :

BNA_P

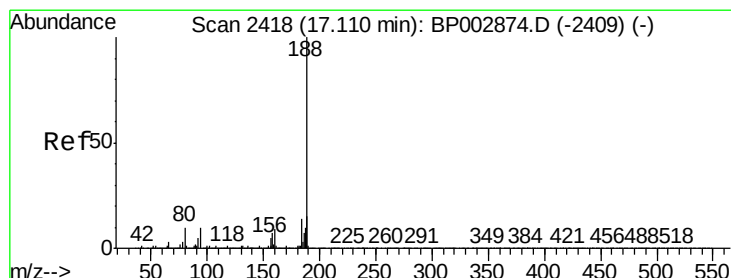
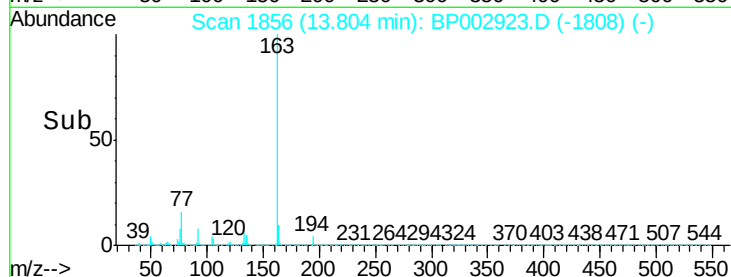
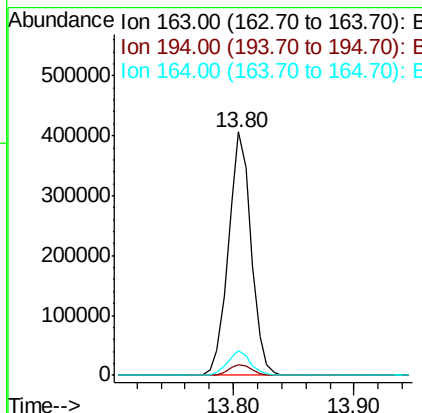
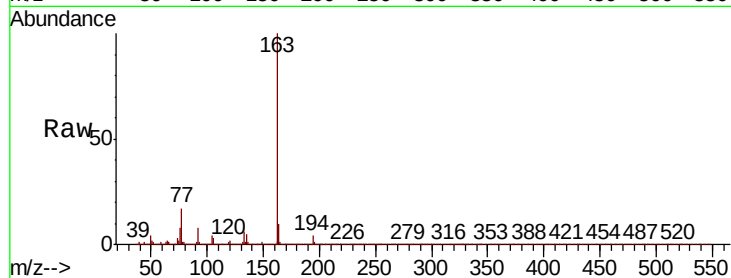
ClientSampled :

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Tot Ion:	163	Resp:	528987
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.3	8.2	12.2

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

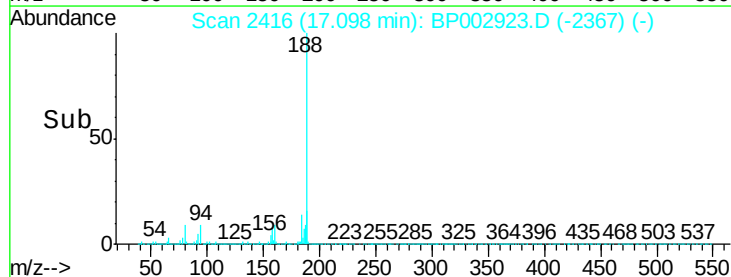
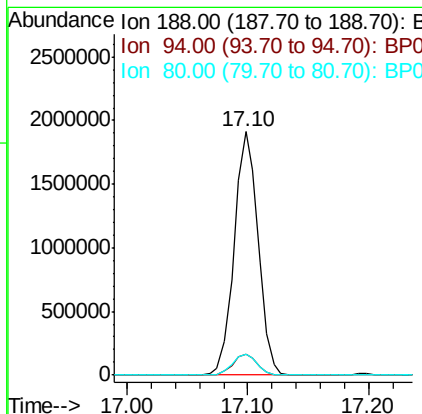
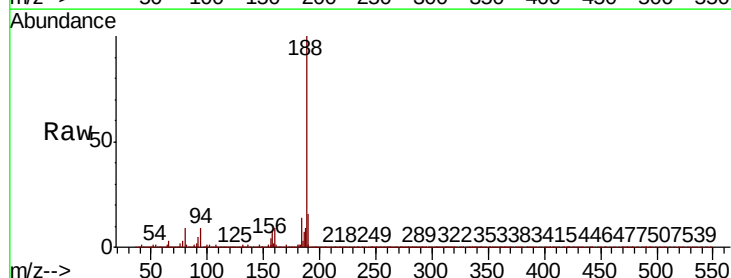
RT: 17.10 min Scan# 2416

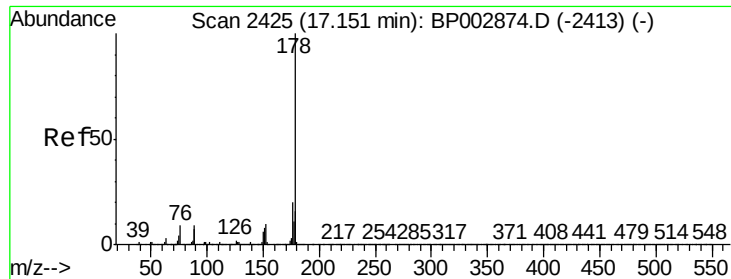
Delta R.T. -0.01 min

Lab File: BP002923.D

Acq: 06 Aug 2020 16:58

Tgt Ion:	188	Resp:	2638848
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.8	11.6
80	8.8	8.0	12.0





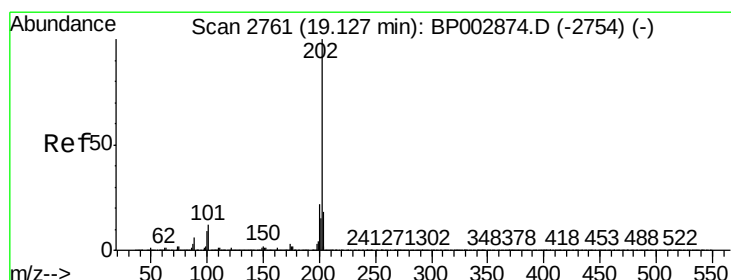
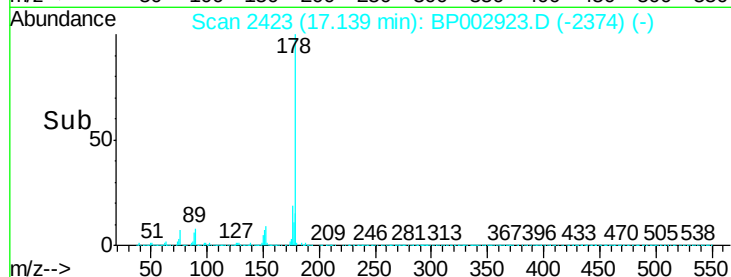
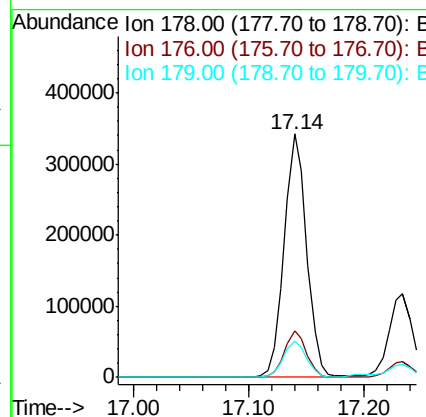
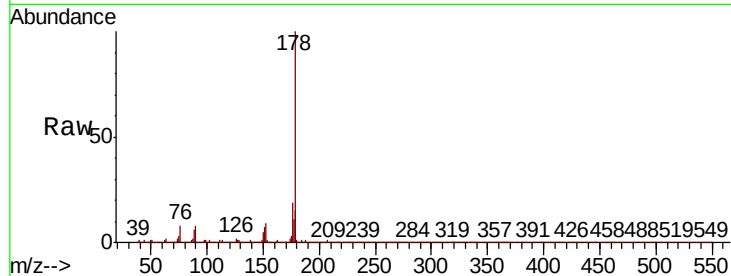
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Phenanthrene
Concen: 2.982 ng
RT: 17.14 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Instrument :
BNA_P
ClientSampleId :
CRT-017

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.1	24.1
179	14.8	13.0	19.4

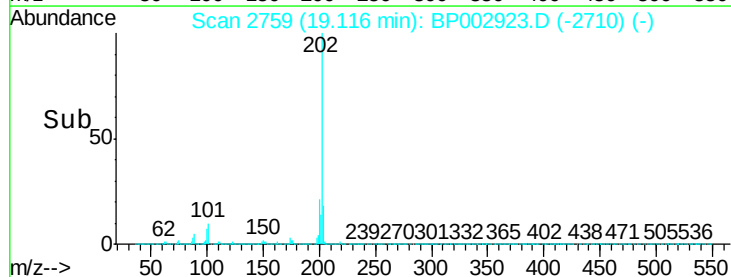
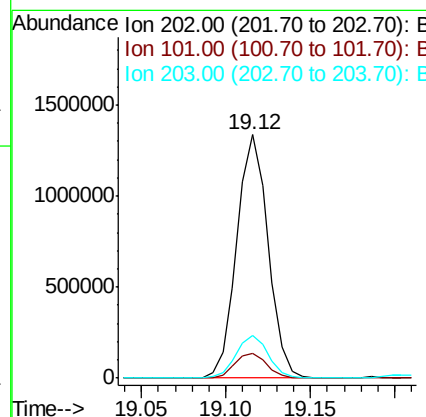
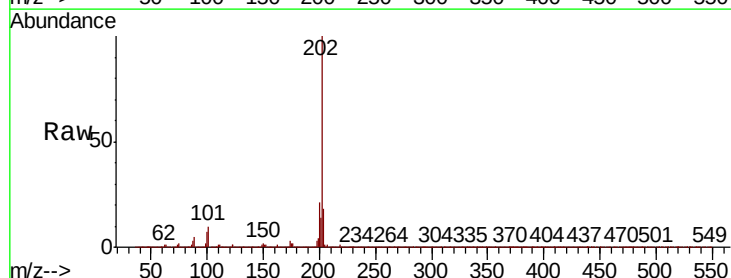
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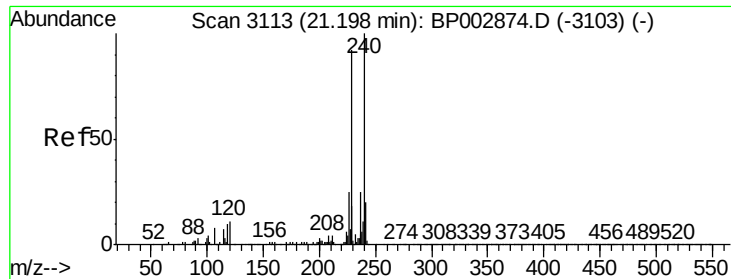
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#75
Fluoranthene
Concen: 9.655 ng
RT: 19.12 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.6
203	17.8	0.0	38.4





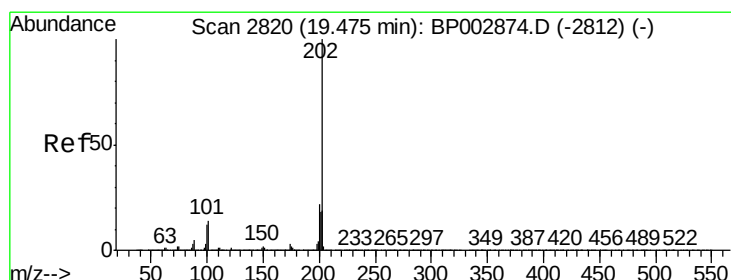
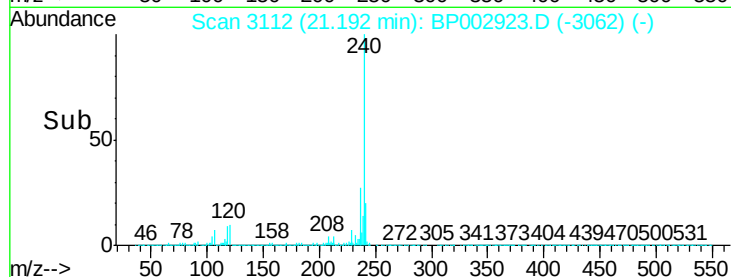
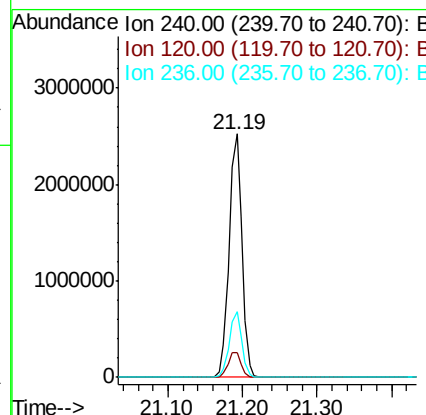
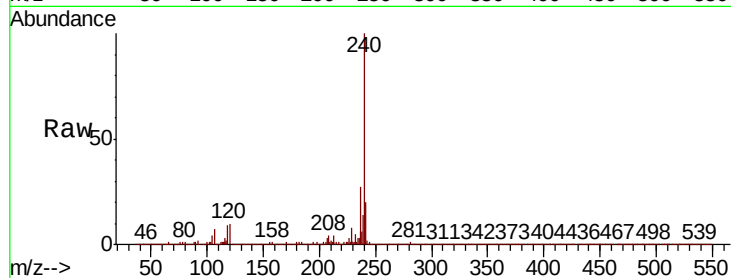
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Instrument :
BNA_P
ClientSampleId :
CRT-017

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	26.9	20.3	30.5

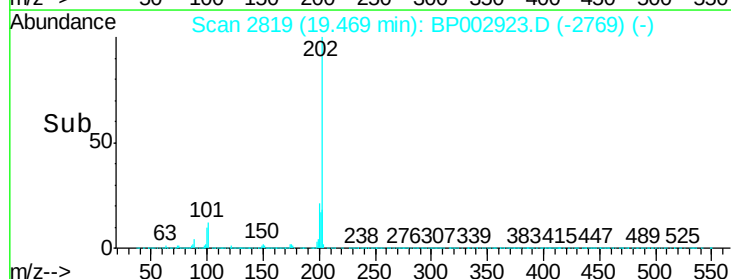
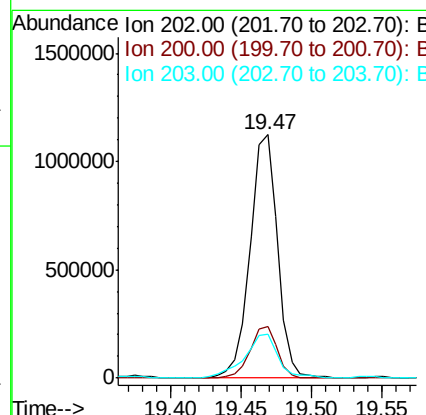
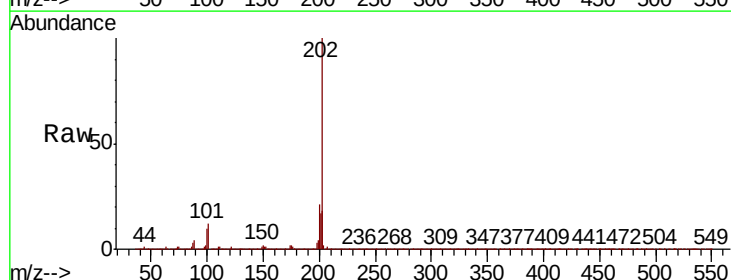
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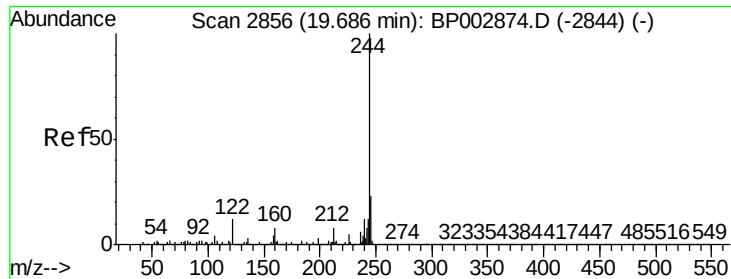
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#78
Pyrene
Concen: 7.215 ng
RT: 19.47 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.9	26.9
203	17.8	15.1	22.7





#79

Terphenyl-d14

Concen: 66.529 ng

RT: 19.67 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BP002923.D

Acq: 06 Aug 2020 16:58

Instrument :

BNA_P

ClientSampled :

CRT-017

Tot Ion:244 Resp:10139302

Ion Ratio Lower Upper

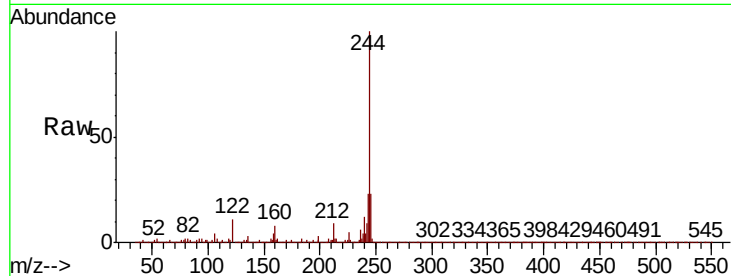
244 100

212 8.7 6.4 9.6

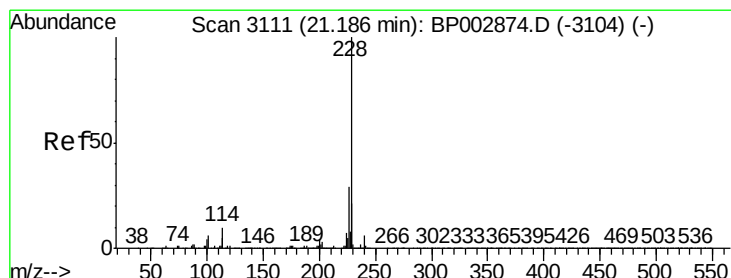
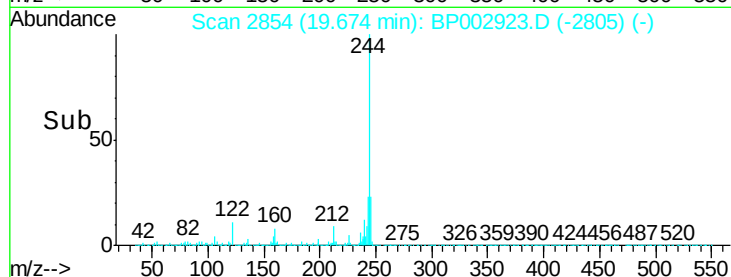
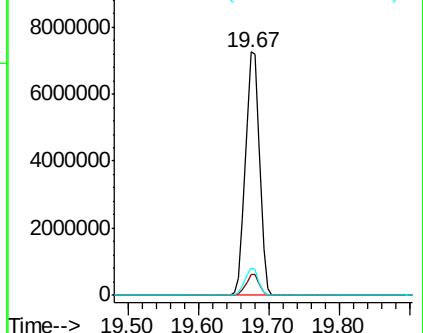
122 11.4 9.4 14.2

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Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 6.408 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002923.D

Acq: 06 Aug 2020 16:58

Tgt Ion:228 Resp: 1331793

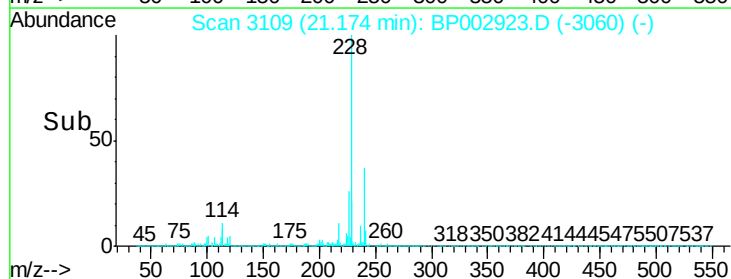
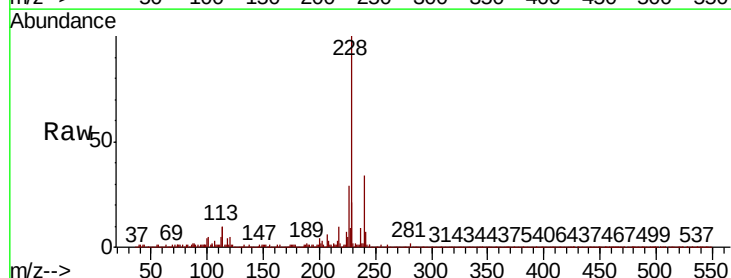
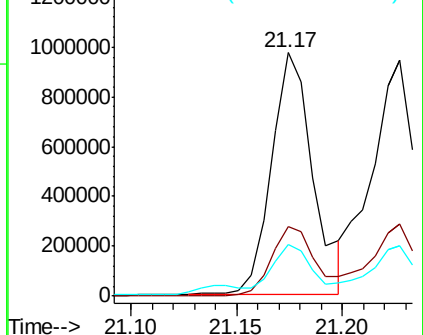
Ion Ratio Lower Upper

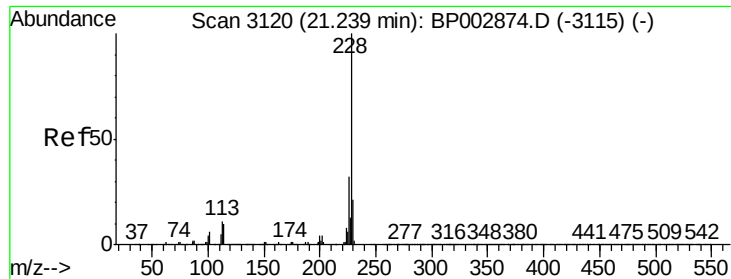
228 100

226 28.6 23.3 34.9

229 21.1 16.9 25.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





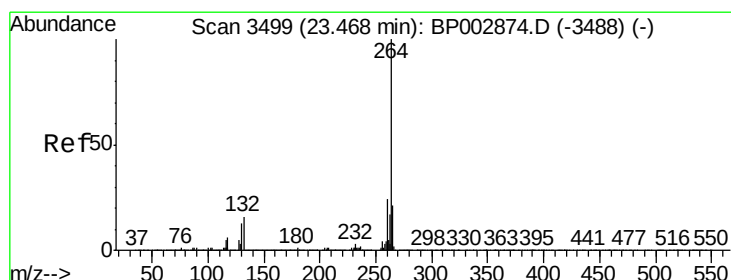
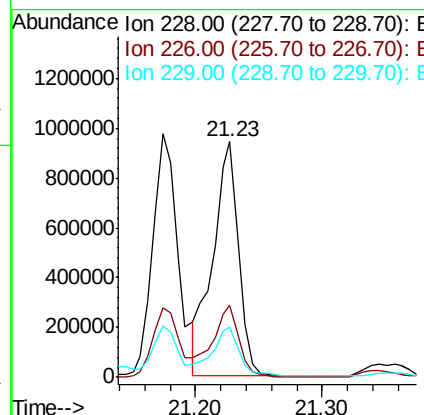
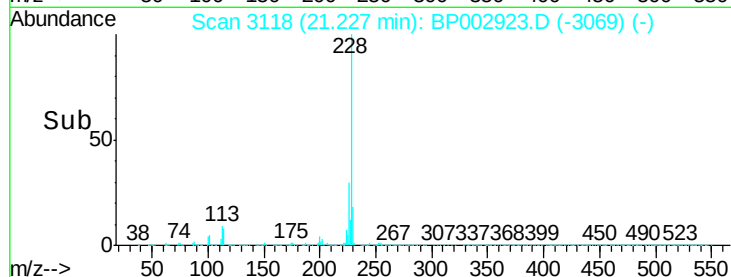
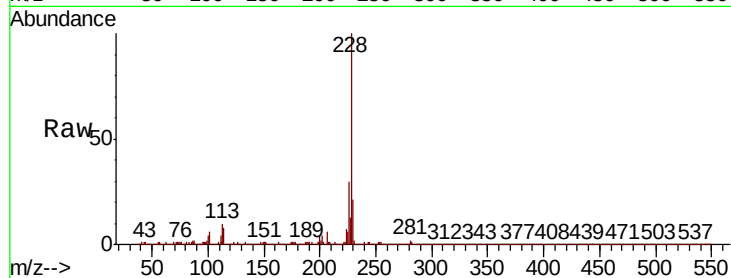
#83
Chrysene
Concen: 6.871 ng
RT: 21.23 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Instrument :
BNA_P
ClientSampleId :
CRT-017

Tot Ion:	228	Resp:	1347004
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	21.4	16.7	25.1

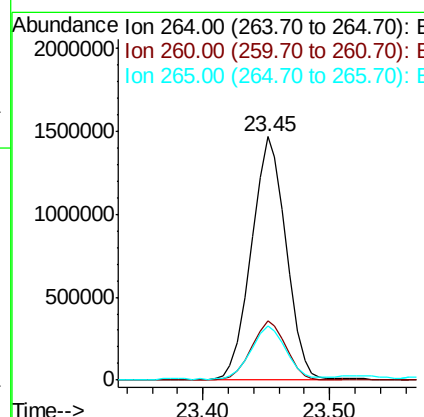
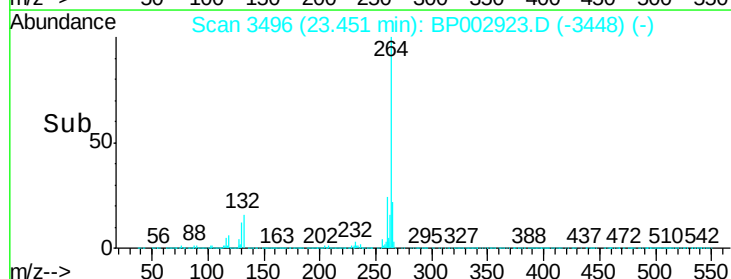
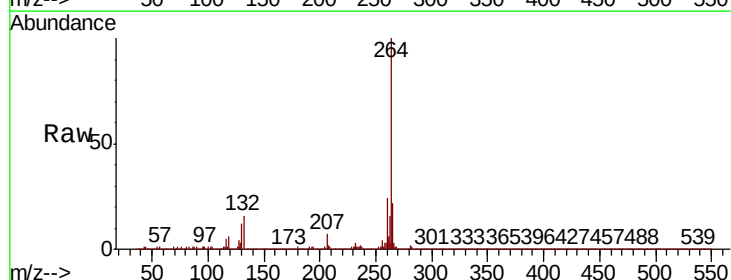
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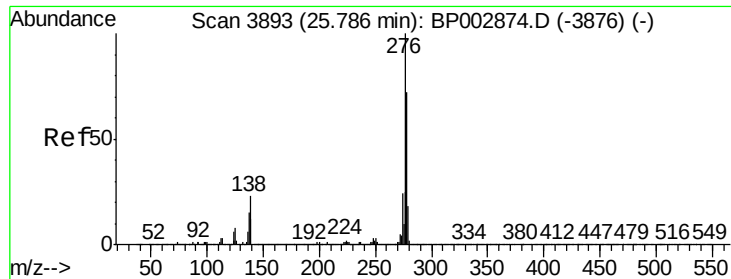
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Tgt Ion:	264	Resp:	2780168
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.1	17.0	25.4





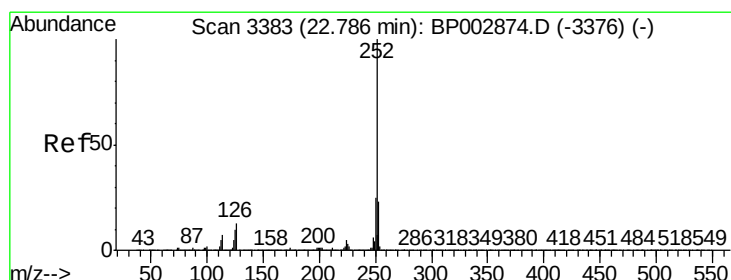
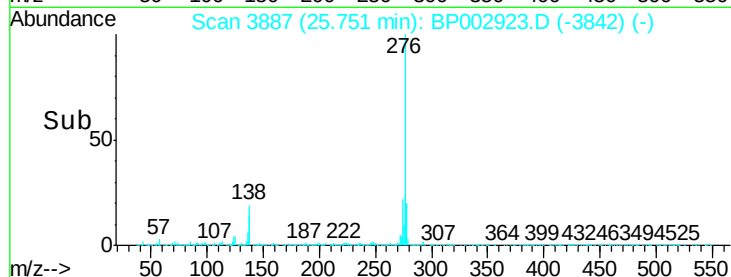
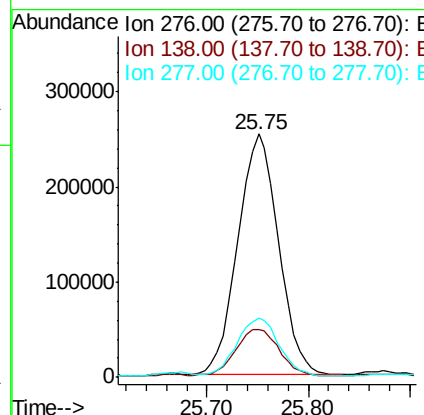
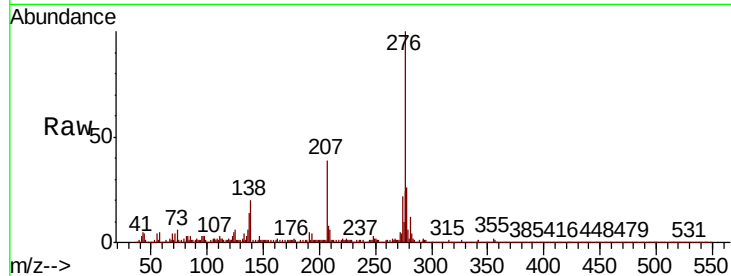
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.158 ng
 RT: 25.75 min Scan# 3887
 Delta R.T. -0.04 min
 Lab File: BP002923.D
 Acq: 06 Aug 2020 16:58

Instrument :
 BNA_P
 ClientSampleId :
 CRT-017

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.3	28.9
277	24.9	20.4	30.6

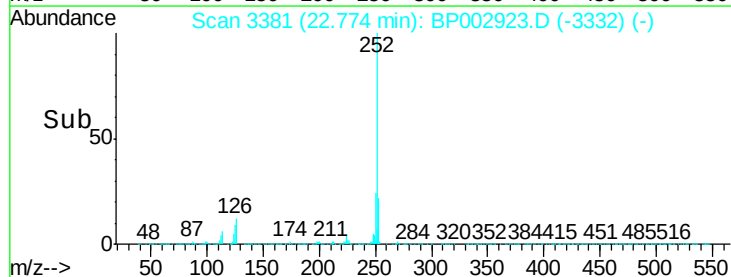
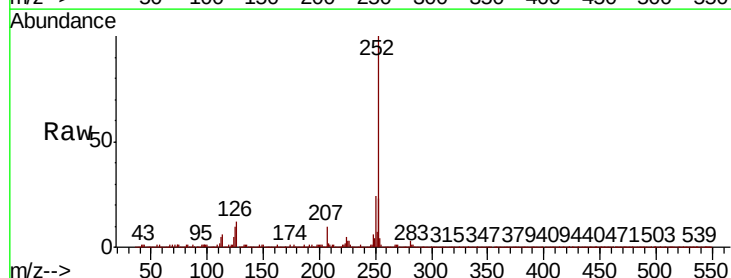
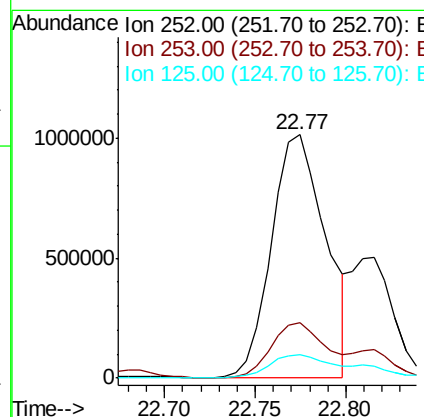
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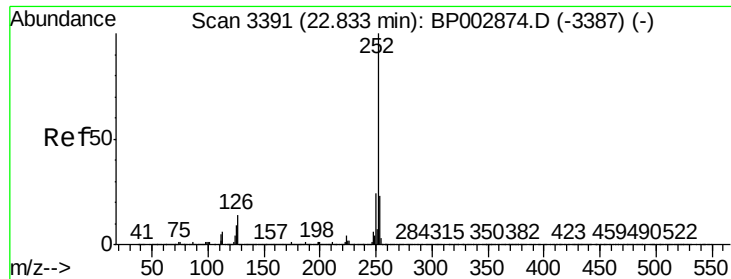
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#88
 Benzo(b)fluoranthene
 Concen: 10.729 ng
 RT: 22.77 min Scan# 3381
 Delta R.T. -0.01 min
 Lab File: BP002923.D
 Acq: 06 Aug 2020 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	9.7	7.8	11.8





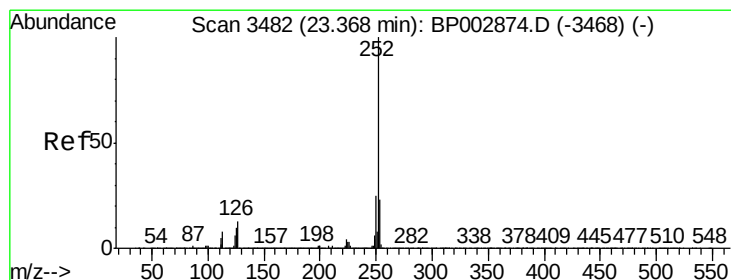
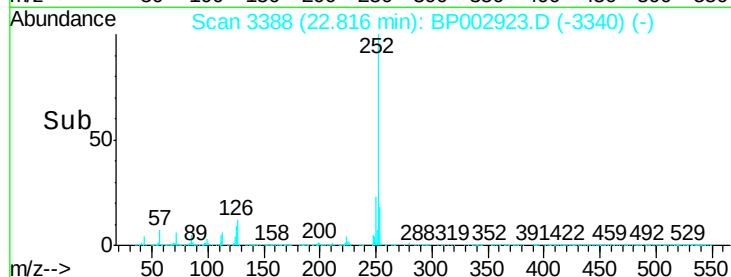
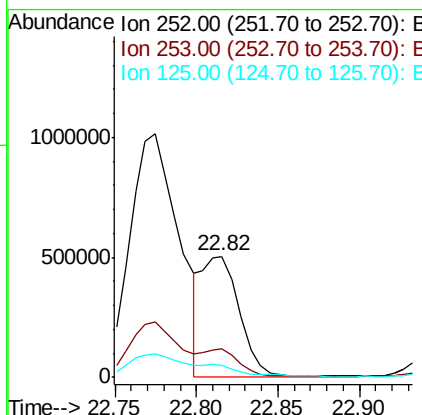
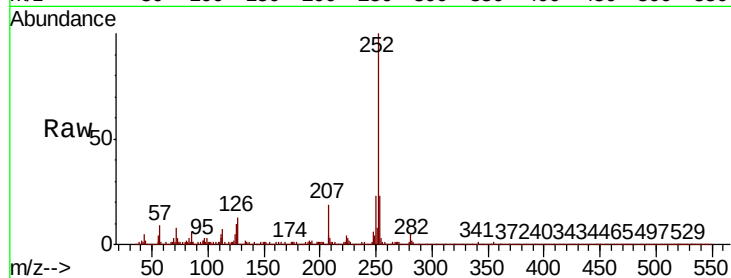
#89
Benzo(k)fluoranthene
Concen: 4.465 ng m
RT: 22.82 min Scan# 3388
Delta R.T. -0.02 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Instrument :
BNA_P
ClientSampled :
CRT-017

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	9.7	7.5	11.3

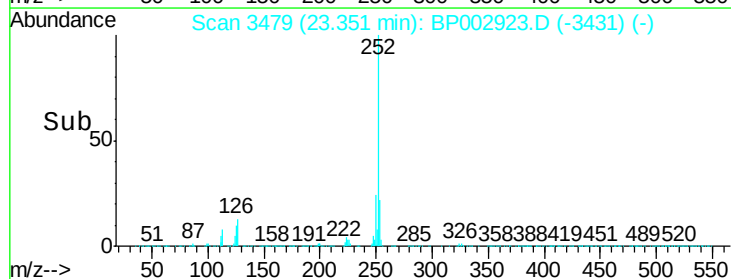
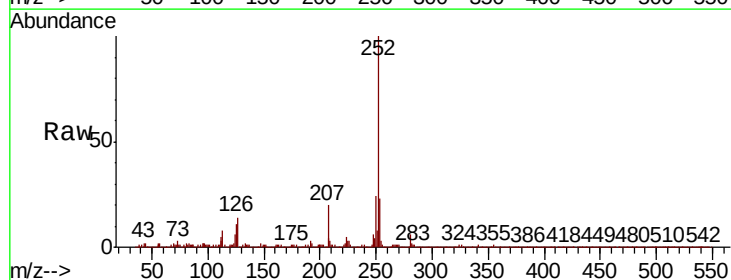
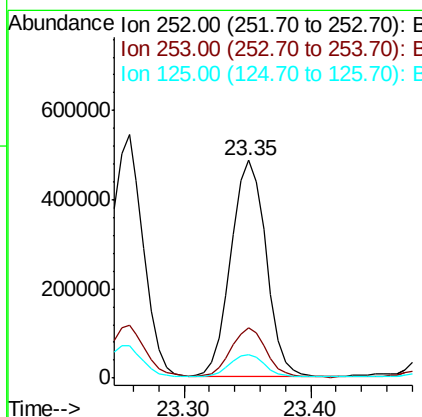
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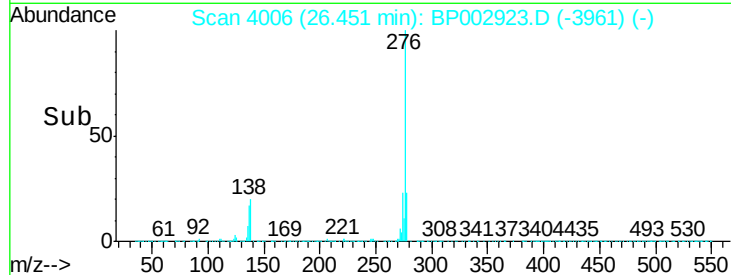
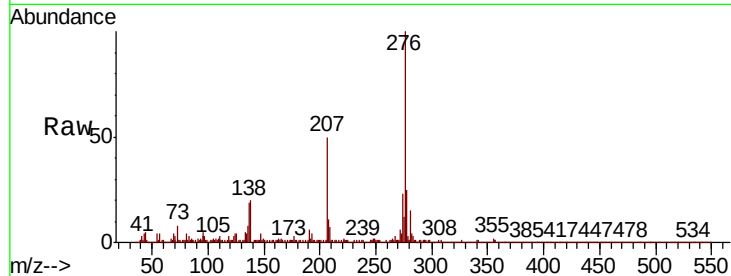
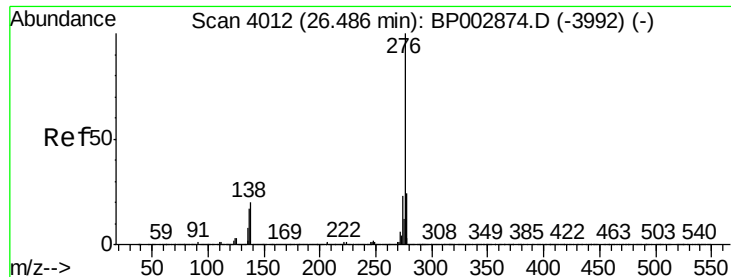
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#90
Benzo(a)pyrene
Concen: 5.274 ng
RT: 23.35 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.8	8.3	12.5





#92
Benzo(a,h,i)perylene
Concen: 3.481 ng
RT: 26.45 min Scan# 4006
Delta R.T. -0.04 min
Lab File: BP002923.D
Acq: 06 Aug 2020 16:58

Instrument :
BNA_P
ClientSampleId :
CRT-017

Tot Ion:	276	Resp:	637952
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.3	28.9
138	20.3	16.2	24.2

Manual Integrations
APPROVED

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