

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002865.D
 Acq On : 24 Jul 2020 21:39
 Operator : CG/JU
 Sample : L3382-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-007

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:22:15 PM

Quant Time: Jul 25 00:27:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	38333	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	159373	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	105770	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	263556	20.00	ng	0.00
76) Chrysene-d12	21.05	240	365739	20.00	ng	0.00
86) Perylene-d12	23.23	264	439240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	213328	93.89	ng	0.00
7) Phenol-d6	6.74	99	295943	91.27	ng	0.00
23) Nitrobenzene-d5	8.69	82	169156	56.77	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	105797	95.82	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	399777	58.47	ng	0.00
79) Terphenyl-d14	19.53	244	789602	49.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	64577	8.006	ng	99
71) Phenanthrene	16.99	178	40514	2.839	ng	97
75) Fluoranthene	18.98	202	66980	4.051	ng	98
78) Pyrene	19.33	202	89451	3.542	ng	98
81) Benzo(a)anthracene	21.04	228	66378	2.804	ng	97
83) Chrysene	21.09	228	99684	4.423	ng	96
87) Indeno(1,2,3-cd)pyrene	25.43	276	86521	2.725	ng	99
88) Benzo(b)fluoranthene	22.59	252	195095	7.153	ng	98
89) Benzo(k)fluoranthene	22.62	252	57231m	2.130	ng	
90) Benzo(a)pyrene	23.14	252	92713	3.587	ng	98
92) Benzo(g,h,i)perylene	26.10	276	84271	3.246	ng	97

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

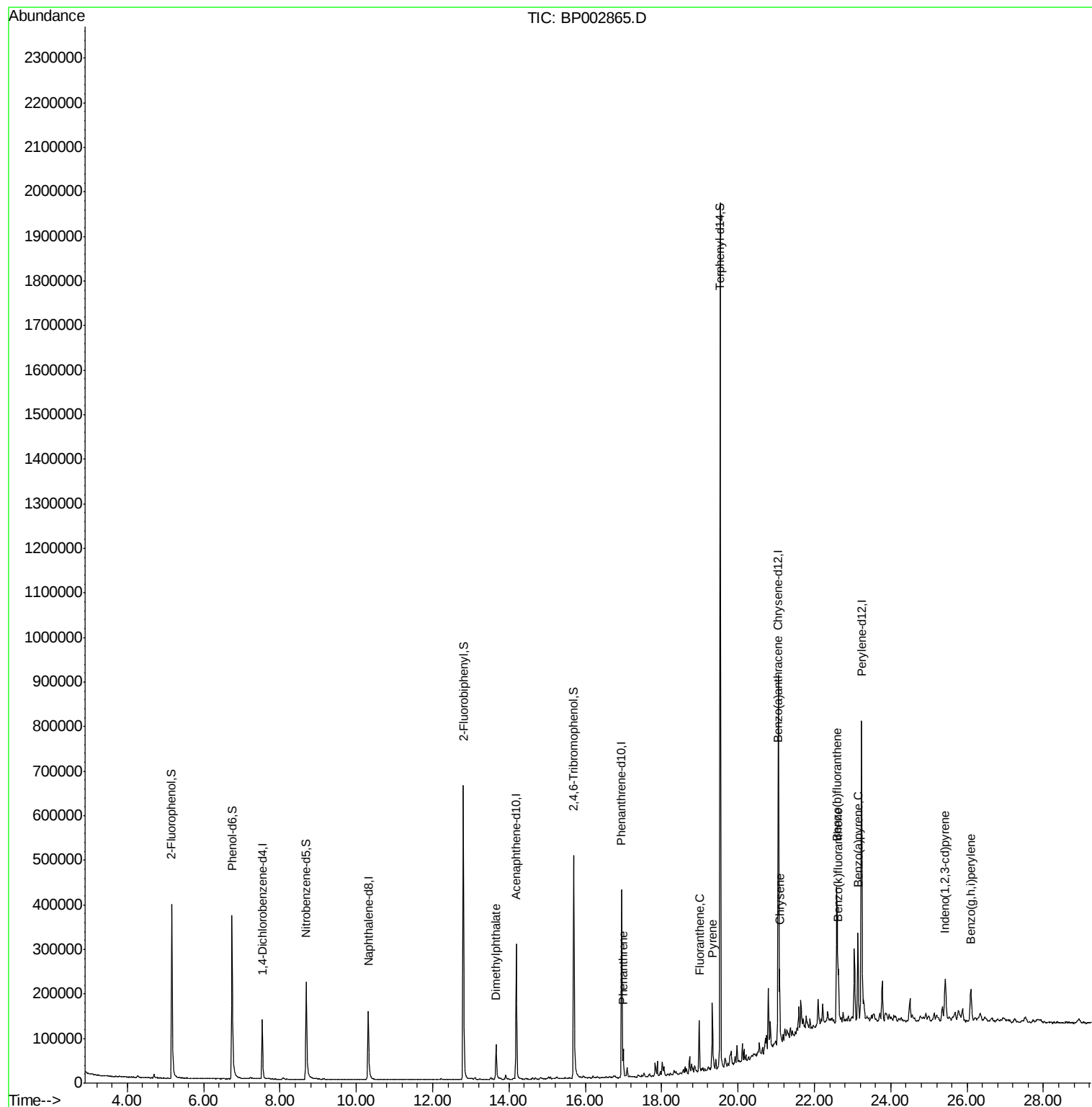
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002865.D
Acq On : 24 Jul 2020 21:39
Operator : CG/JU
Sample : L3382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

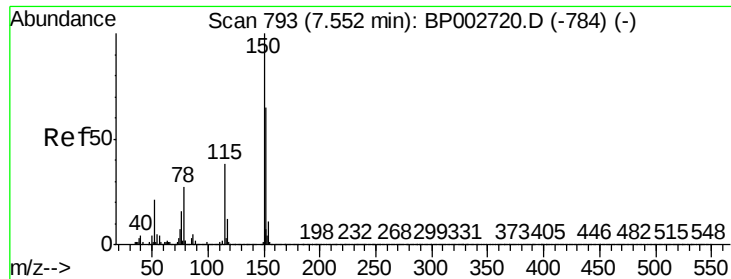
Instrument :
BNA_P
ClientSampleId :
CTR-007

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

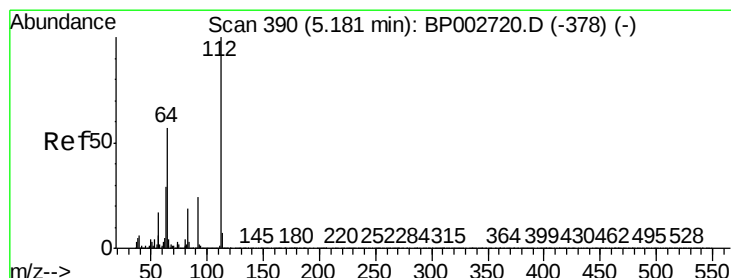
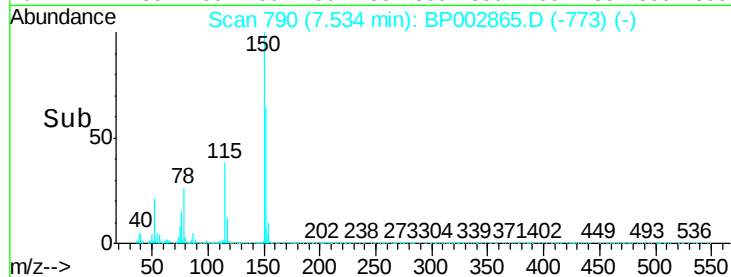
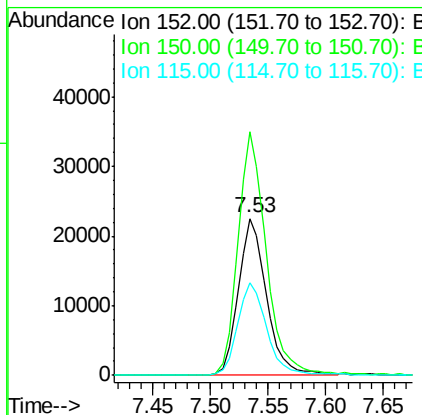
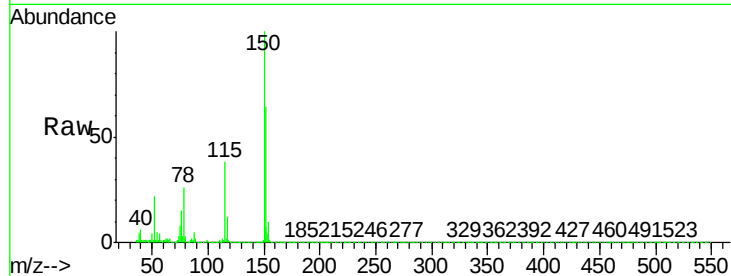
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Instrument :
BNA_P
ClientSampleId :
CTR-007

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.5	183.7
115	59.1	48.5	72.7

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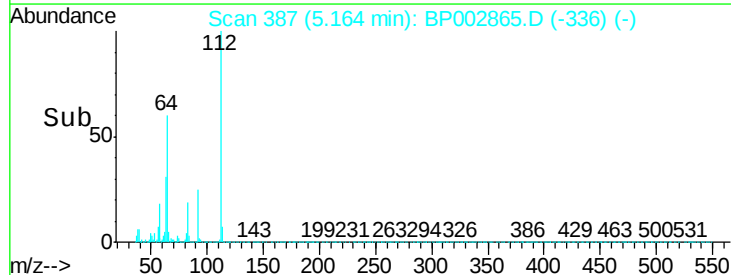
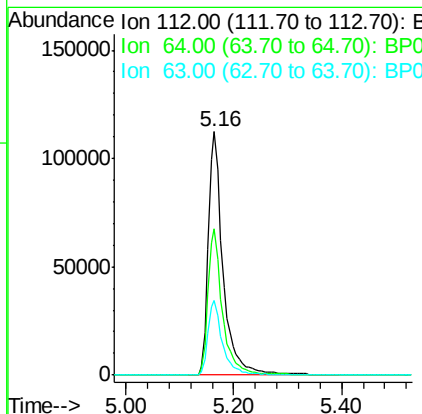
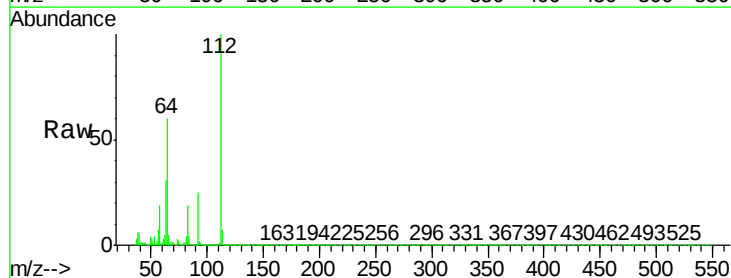
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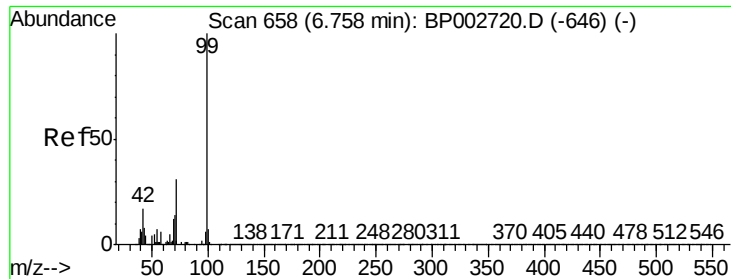


#5

2-Fluorophenol
Concen: 93.894 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	48.1	72.1
63	30.9	24.9	37.3





#7

Phenol-d6

Concen: 91.269 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002865.D

Acq: 24 Jul 2020 21:39

Instrument :

BNA_P

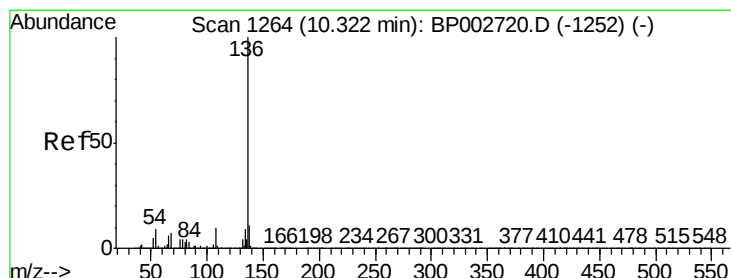
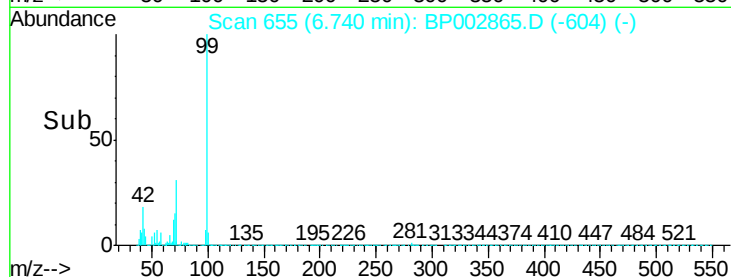
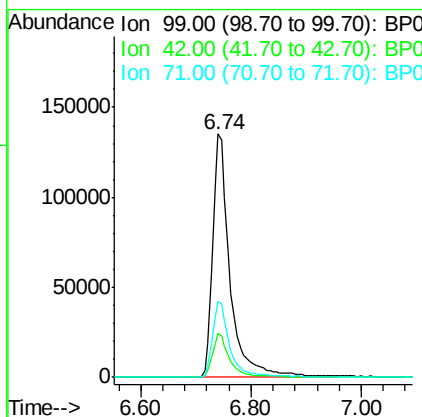
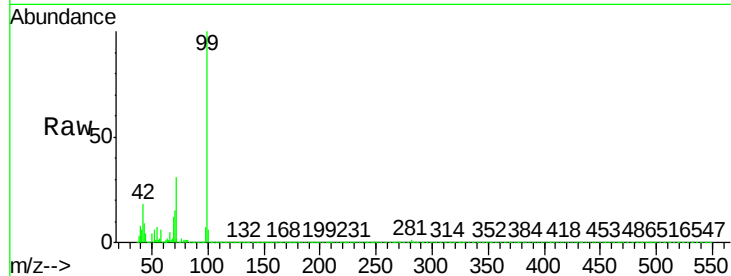
ClientSampleId :

CTR-007

Tot Ion:	99	Resp:	295943
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.2	21.4
71	31.5	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

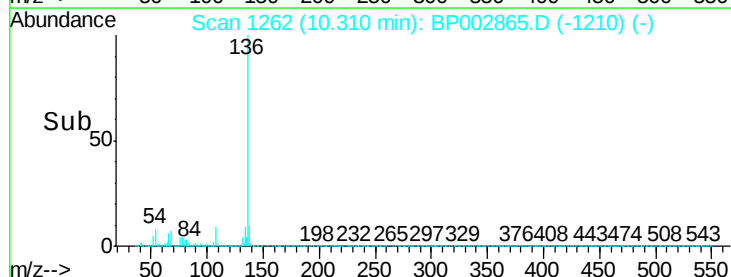
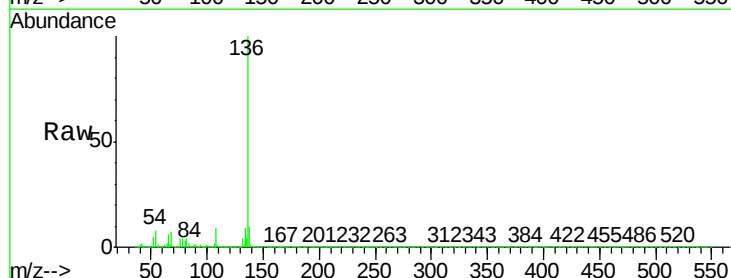
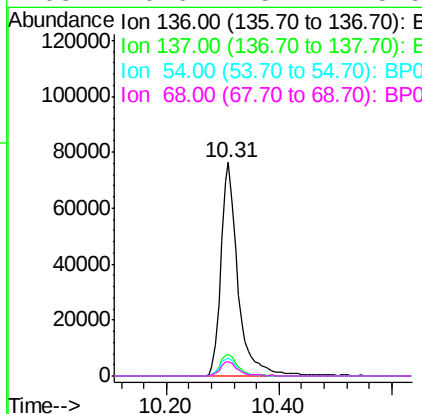
RT: 10.31 min Scan# 1262

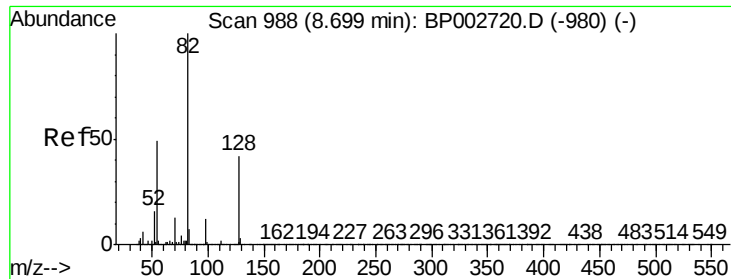
Delta R.T. 0.01 min

Lab File: BP002865.D

Acq: 24 Jul 2020 21:39

Tgt Ion:	136	Resp:	159373
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.8	13.2
54	8.4	7.3	10.9
68	6.6	5.7	8.5





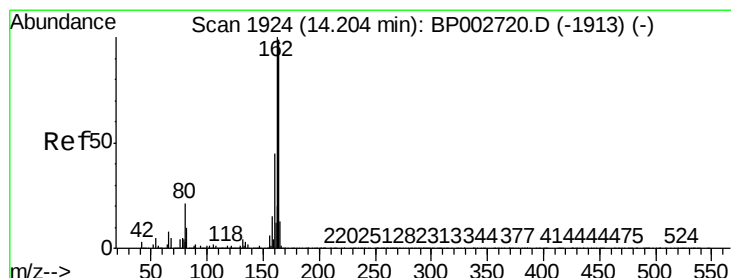
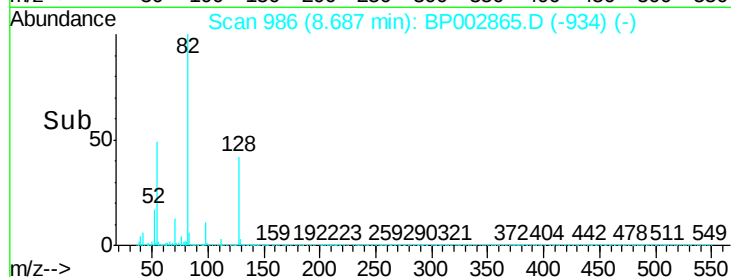
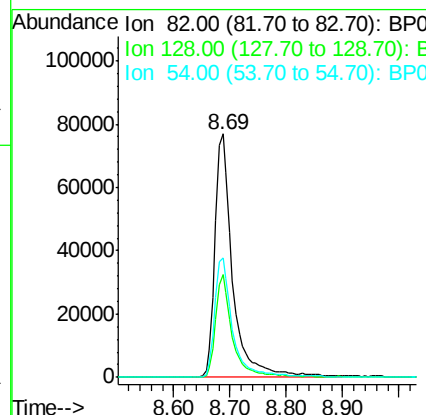
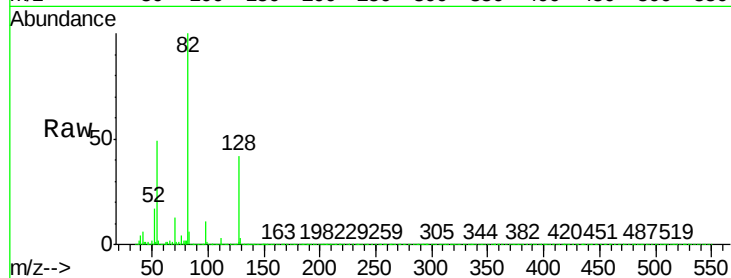
#23
Nitrobenzene-d5
Concen: 56.767 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.01 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Instrument :
BNA_P
ClientSampleId :
CTR-007

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.6	49.0
54	48.9	38.9	58.3

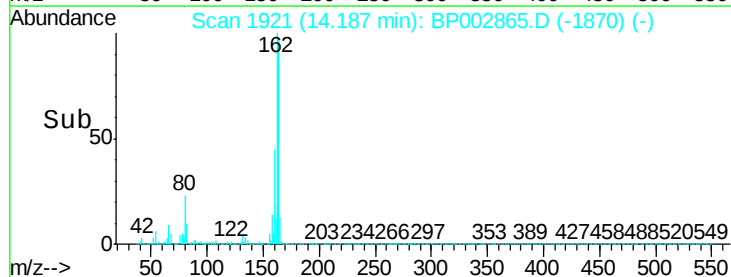
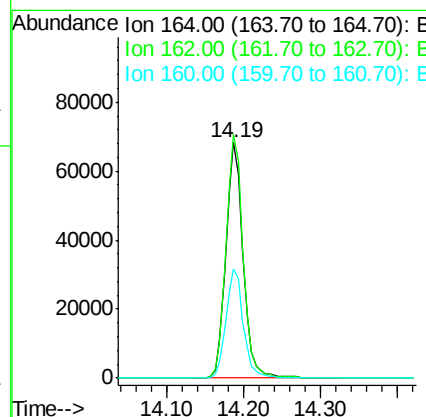
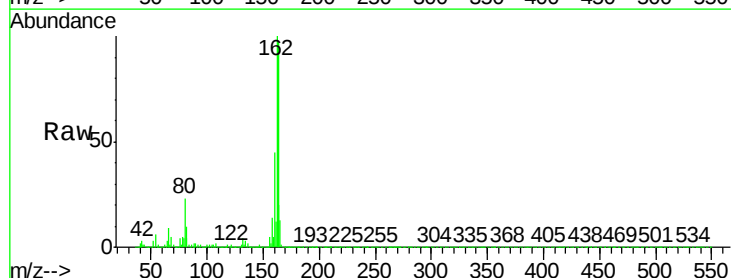
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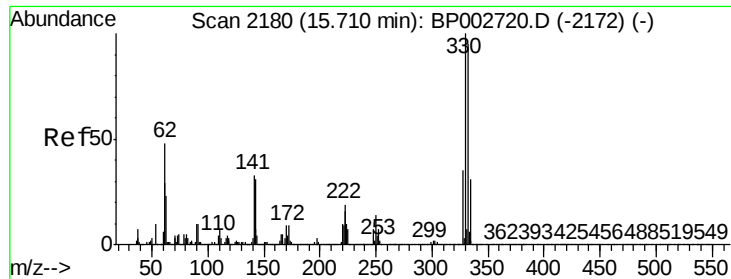
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.4	117.6
160	46.5	36.1	54.1





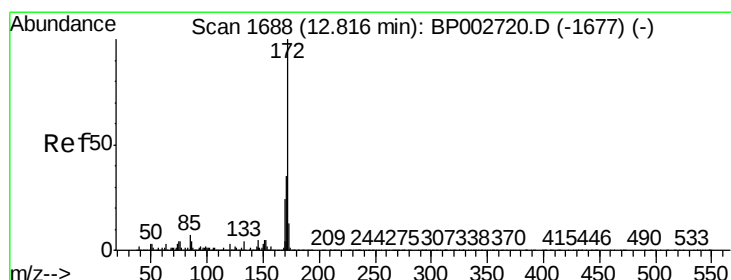
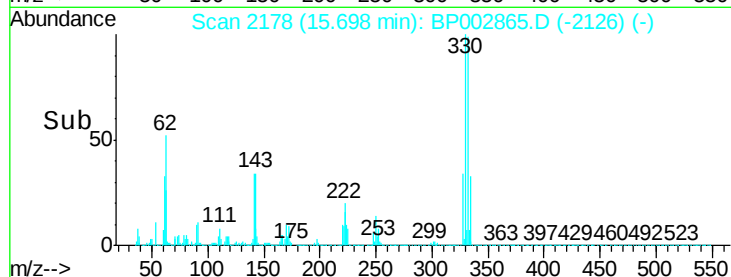
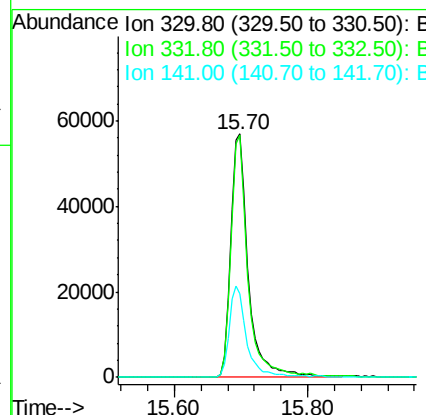
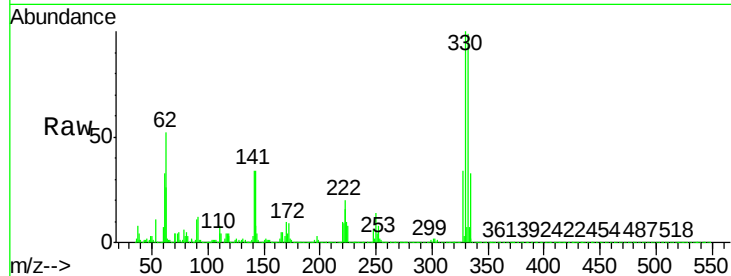
#42
2,4,6-Tribromophenol
Concen: 95.825 ng
RT: 15.70 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Instrument :
BNA_P
ClientSampleId :
CTR-007

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.6	116.4
141	37.0	29.0	43.6

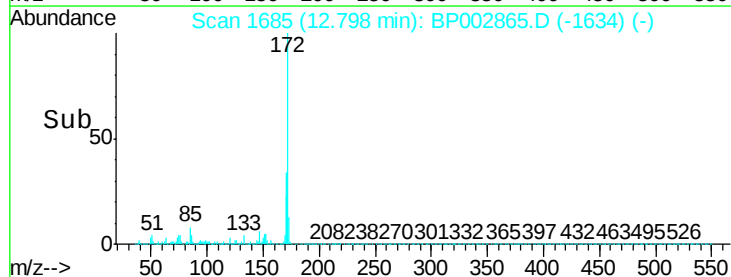
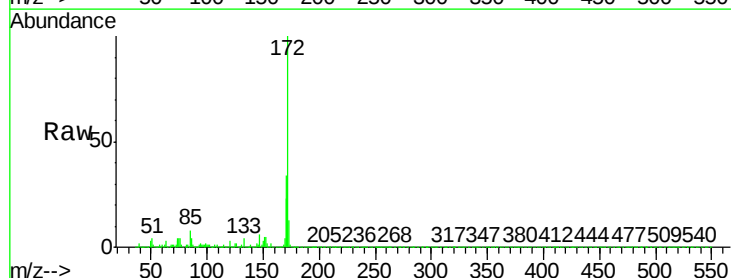
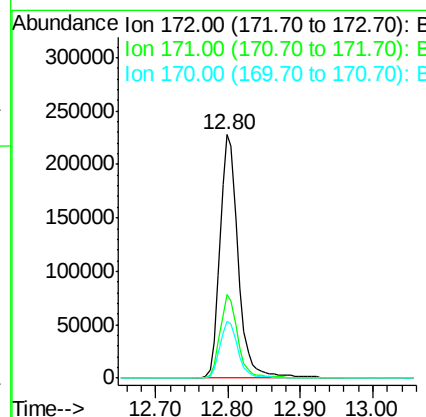
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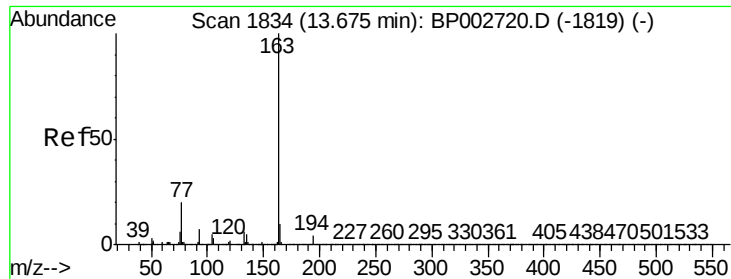
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#45
2-Fluorobiphenyl
Concen: 58.471 ng
RT: 12.80 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.0	40.4
170	23.3	19.4	29.2





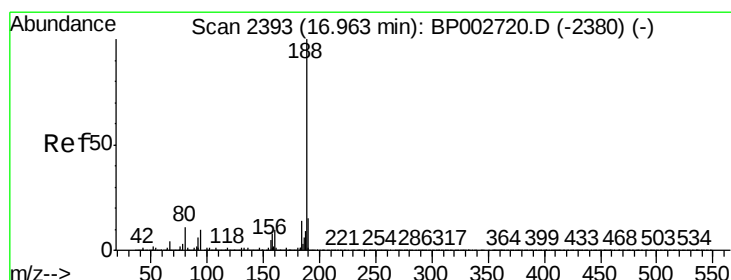
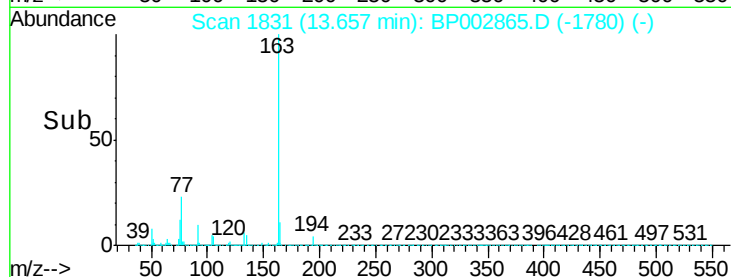
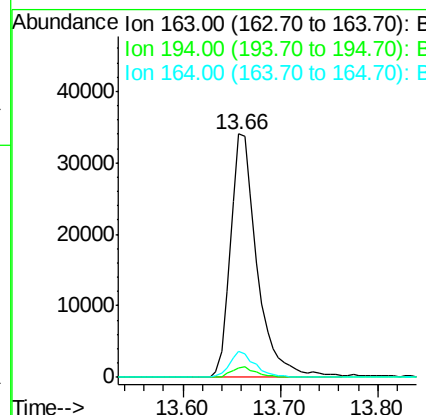
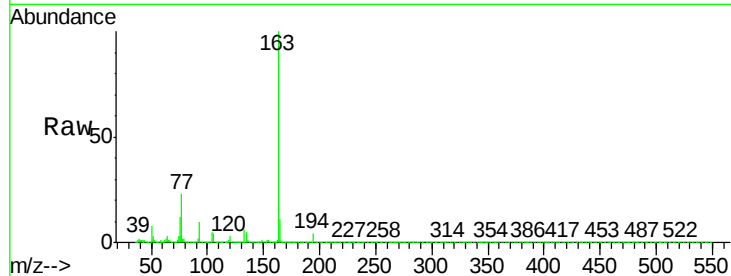
#50
Dimethylphthalate
Concen: 8.006 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Instrument :
BNA_P
ClientSampleId :
CTR-007

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.6	8.2	12.2

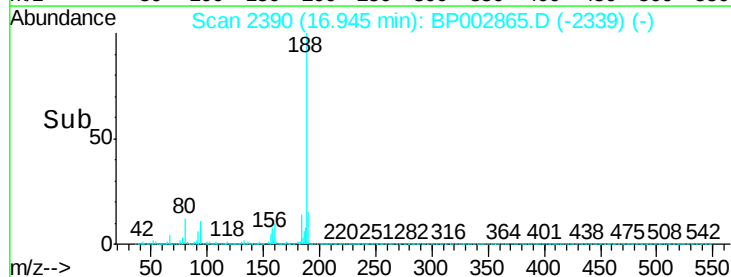
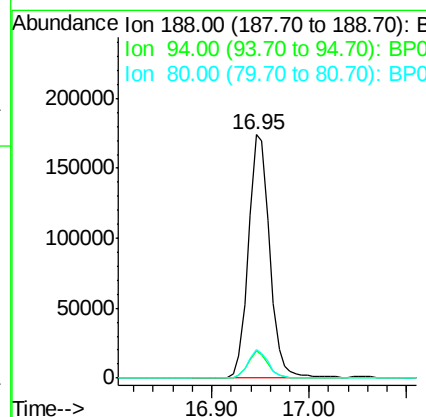
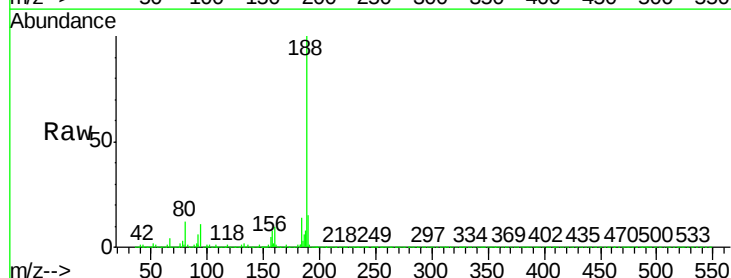
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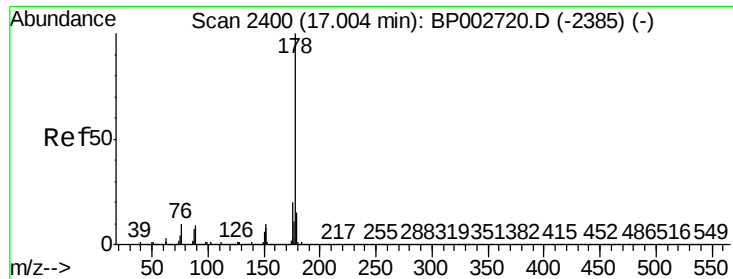
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.6	9.0	13.4





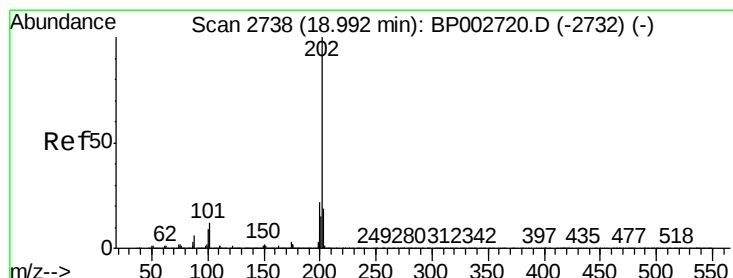
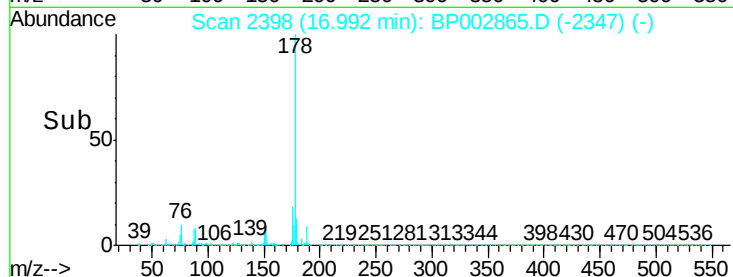
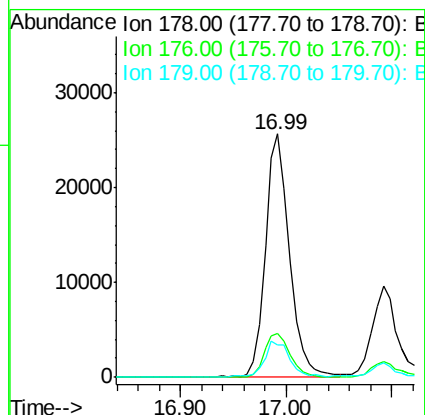
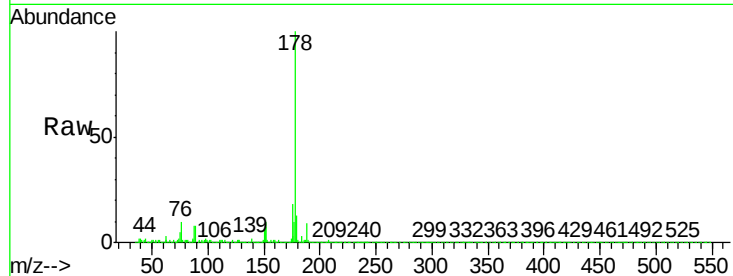
#71
Phenanthrene
Concen: 2.839 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Instrument :
BNA_P
ClientSampleId :
CTR-007

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	13.3	11.8	17.6

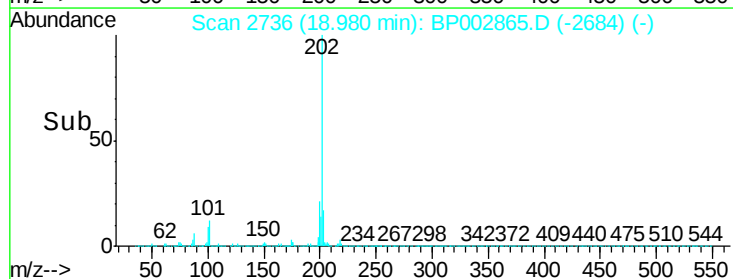
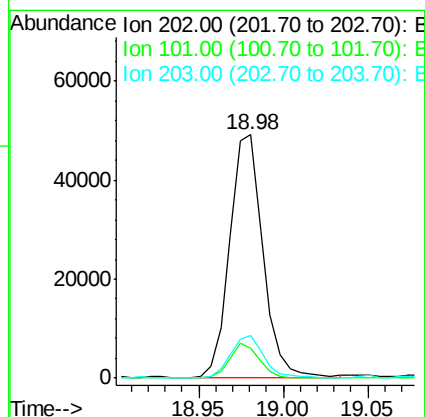
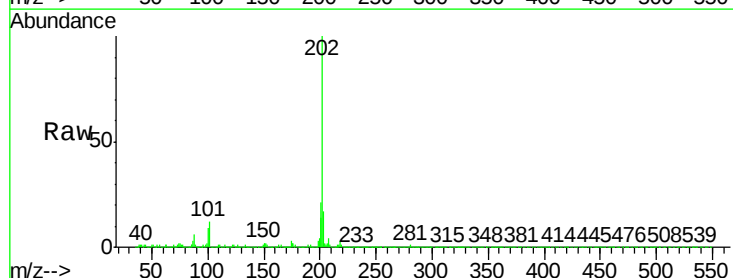
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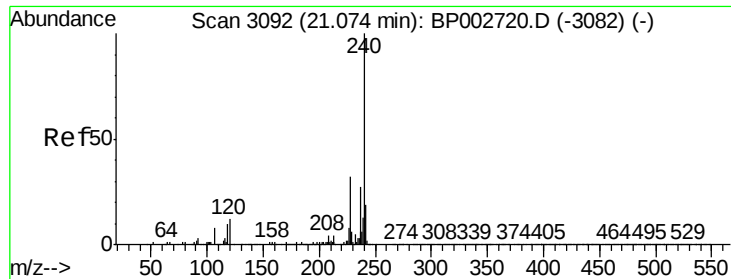
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#75
Fluoranthene
Concen: 4.051 ng
RT: 18.98 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.0
203	17.4	0.0	38.1





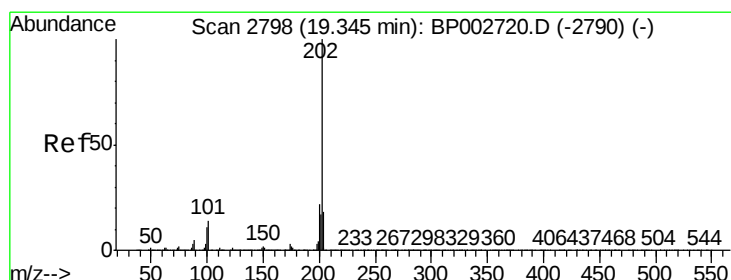
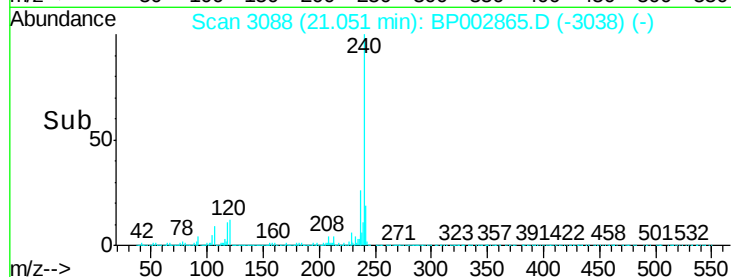
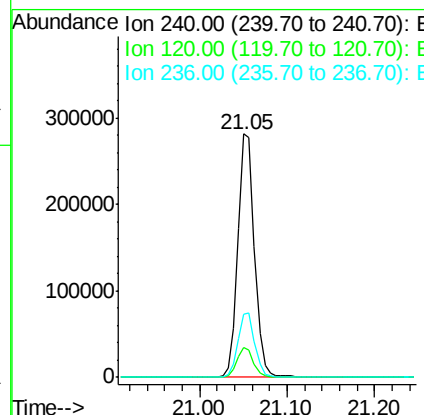
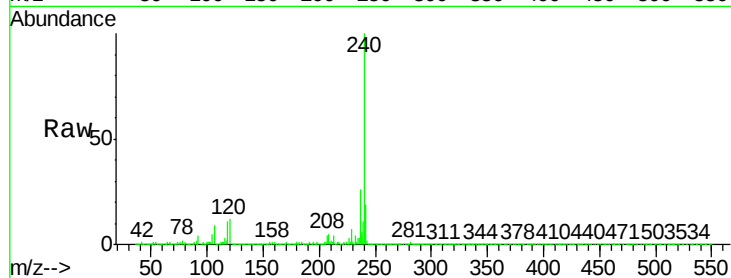
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Instrument :
BNA_P
ClientSampleId :
CTR-007

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.2	13.8
236	26.2	20.3	30.5

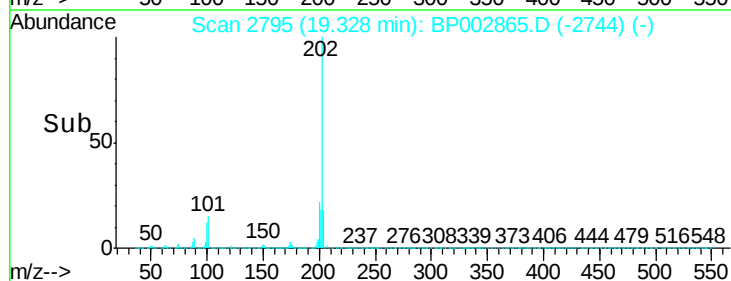
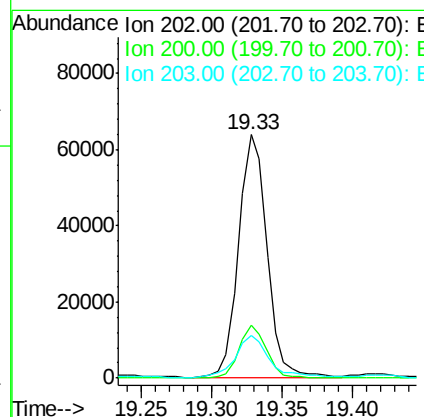
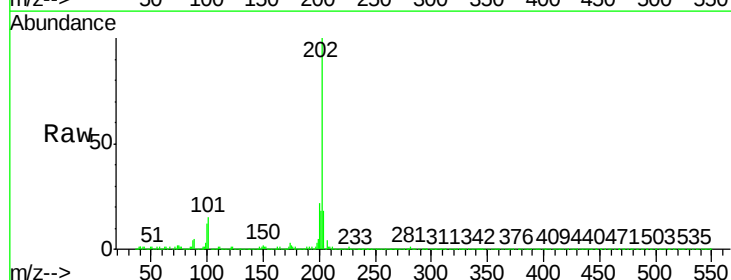
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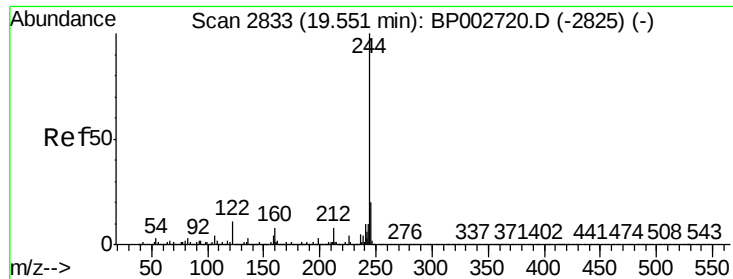
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#78
Pyrene
Concen: 3.542 ng
RT: 19.33 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BP002865.D
Acq: 24 Jul 2020 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	24.8
203	17.7	13.8	20.8





#79

Terphenyl-d14

Concen: 49.498 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002865.D

Acq: 24 Jul 2020 21:39

Instrument :

BNA_P

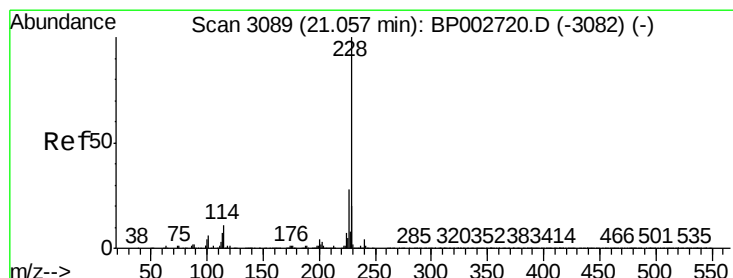
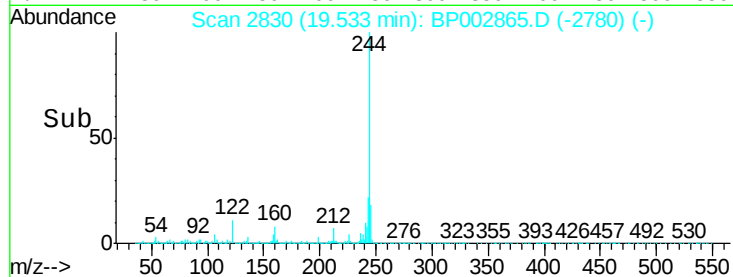
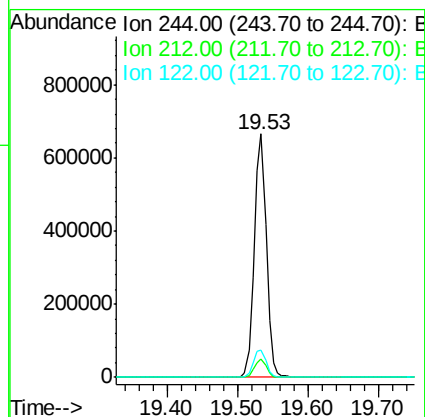
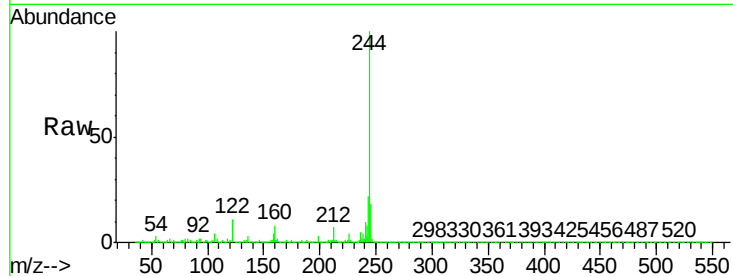
ClientSampleId :

CTR-007

Tot Ion:	244	Resp:	789602
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.8	8.8
122	11.3	7.9	11.9

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#81

Benzo(a)anthracene

Concen: 2.804 ng

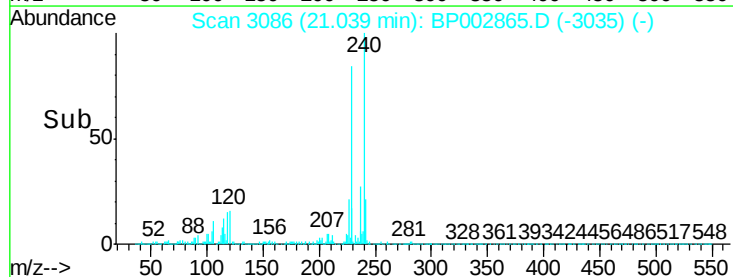
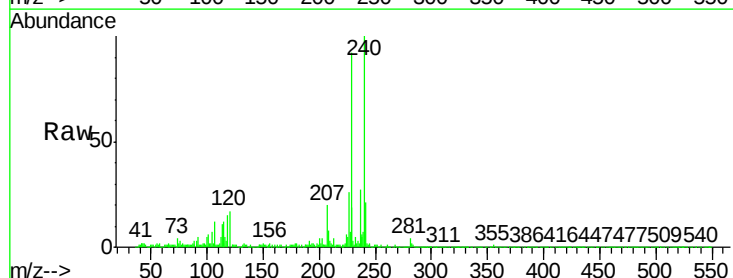
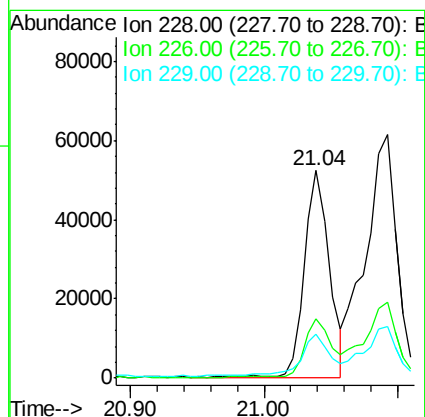
RT: 21.04 min Scan# 3086

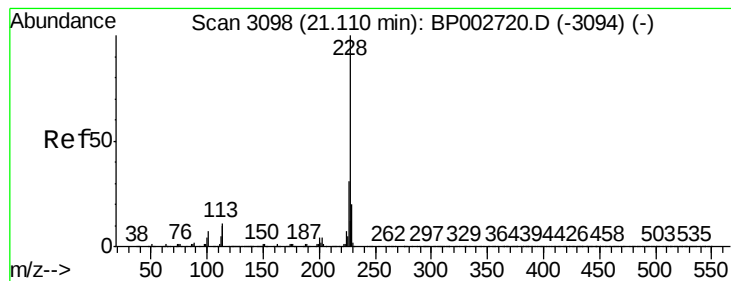
Delta R.T. 0.00 min

Lab File: BP002865.D

Acq: 24 Jul 2020 21:39

Tgt Ion:	228	Resp:	66378
Ion Ratio	Lower	Upper	
228	100		
226	28.5	21.8	32.6
229	21.2	15.8	23.6





#83

Chrysene

Concen: 4.423 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BP002865.D

Acq: 24 Jul 2020 21:39

Instrument :

BNA_P

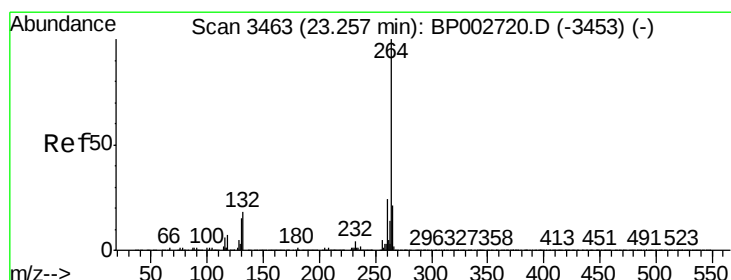
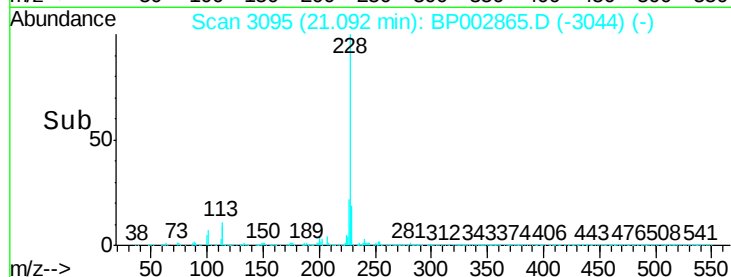
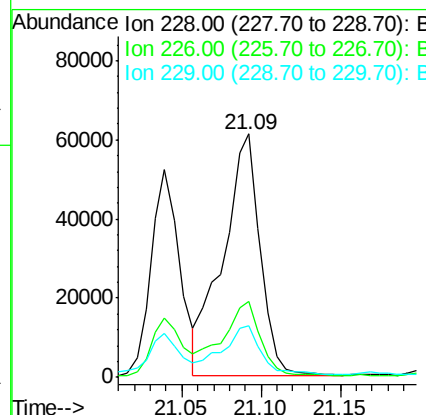
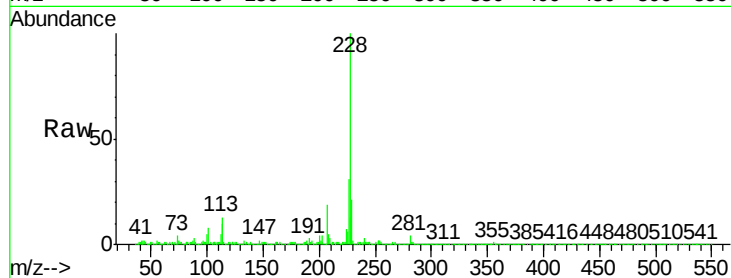
ClientSampleId :

CTR-007

Tot Ion:	228	Resp:	99684
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.4	35.2
229	21.4	15.2	22.8

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#86

Perylene-d12

Concen: 20.000 ng

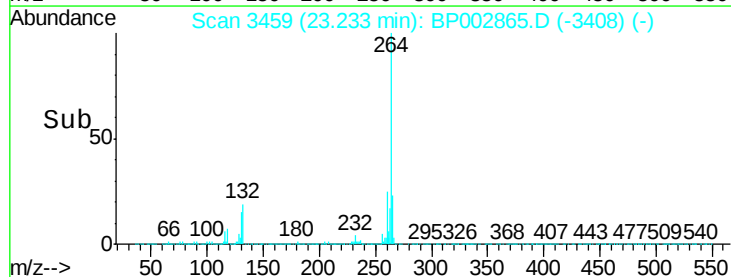
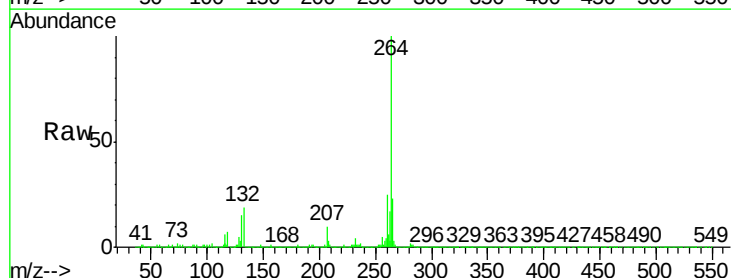
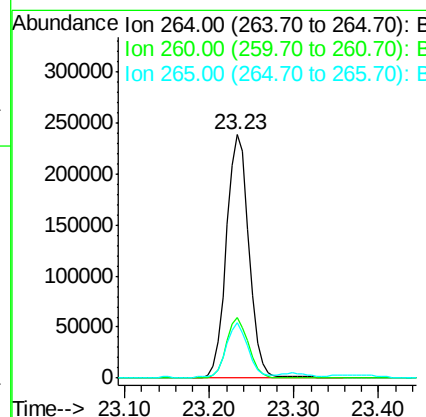
RT: 23.23 min Scan# 3459

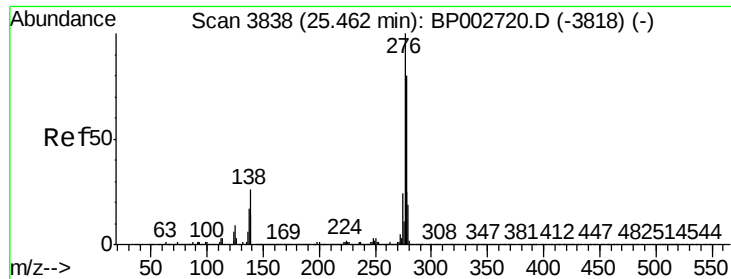
Delta R.T. -0.00 min

Lab File: BP002865.D

Acq: 24 Jul 2020 21:39

Tgt Ion:	264	Resp:	439240
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.6	29.4
265	23.0	16.7	25.1





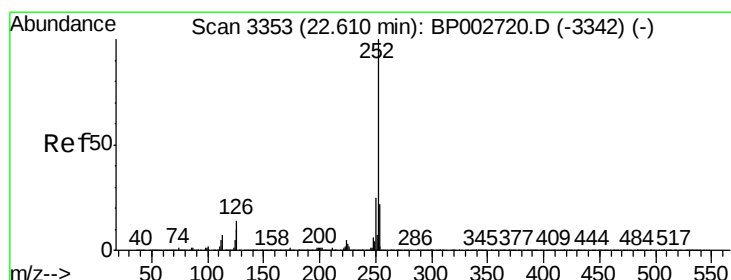
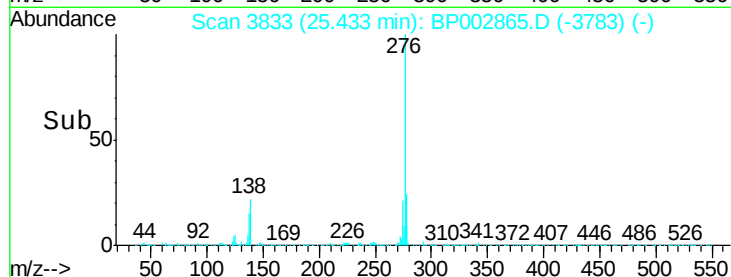
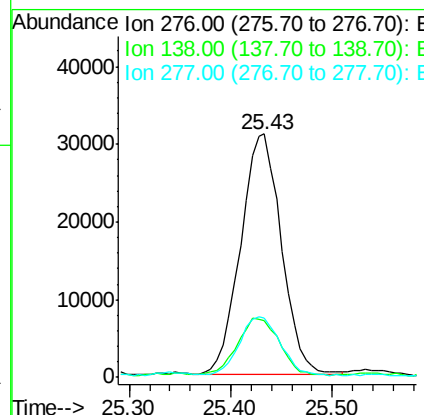
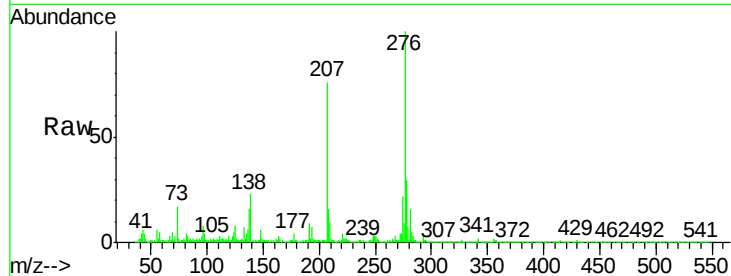
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.725 ng
 RT: 25.43 min Scan# 3833
 Delta R.T. -0.01 min
 Lab File: BP002865.D
 Acq: 24 Jul 2020 21:39

Instrument :
 BNA_P
 ClientSampleId :
 CTR-007

Tot Ion:	276	Resp:	86521
Ion Ratio	Lower	Upper	
276	100		
138	24.7	20.5	30.7
277	24.7	20.1	30.1

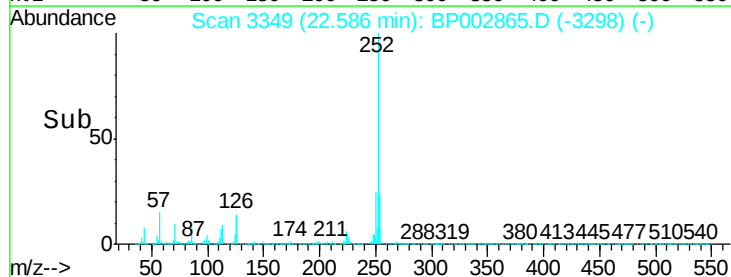
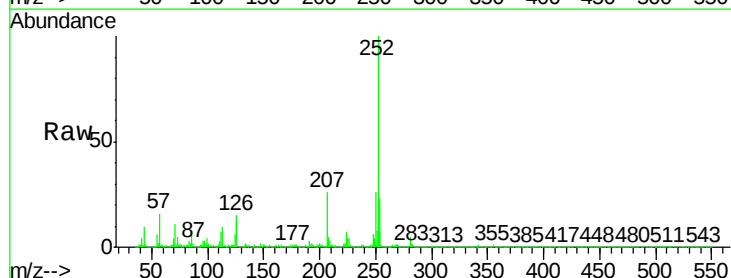
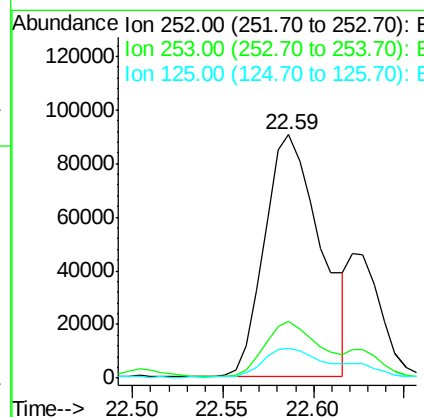
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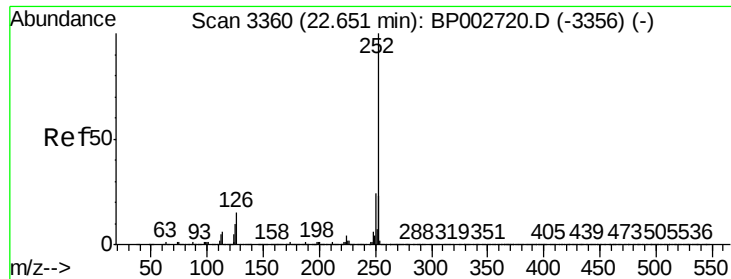
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#88
 Benzo(b)fluoranthene
 Concen: 7.153 ng
 RT: 22.59 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: BP002865.D
 Acq: 24 Jul 2020 21:39

Tgt Ion:	252	Resp:	195095
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.5	27.7
125	12.3	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 2.130 ng/mL

RT: 22.62 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BP002865.D

Acq: 24 Jul 2020 21:39

Instrument :

BNA_P

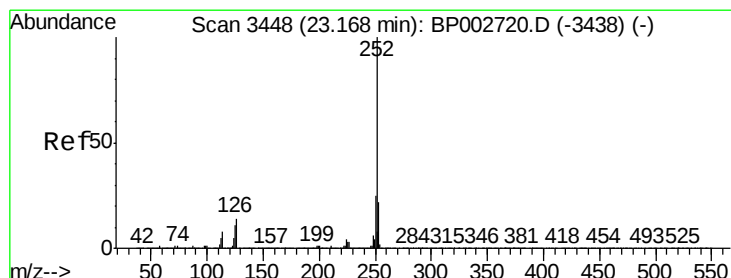
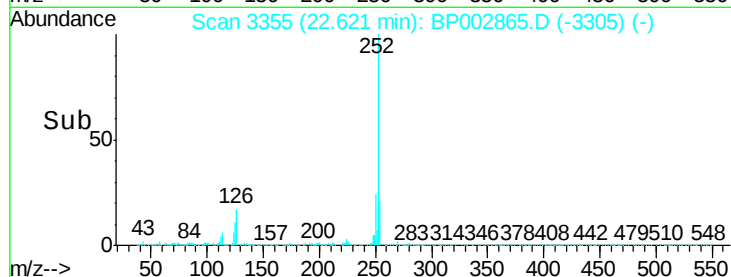
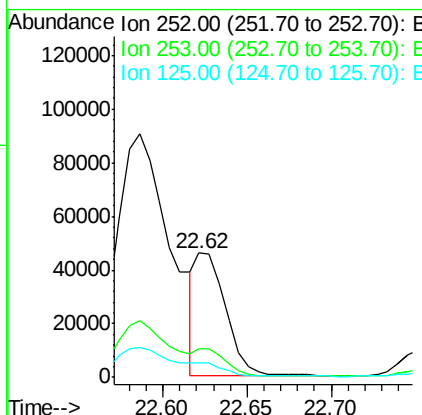
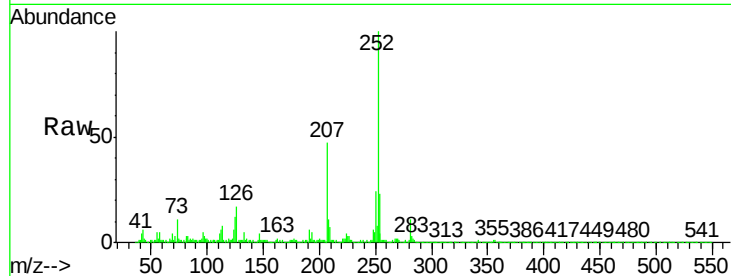
ClientSampled :

CTR-007

Tot Ion:	252	Resp:	57231
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	11.8	8.0	12.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 3.587 ng/mL

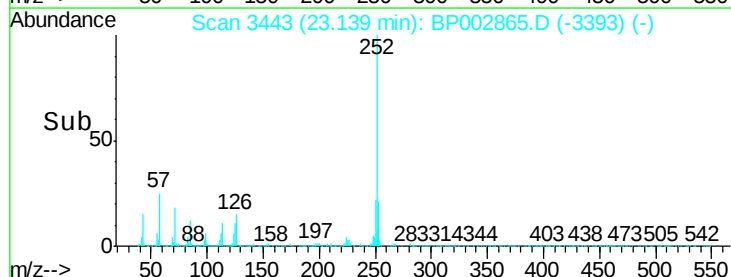
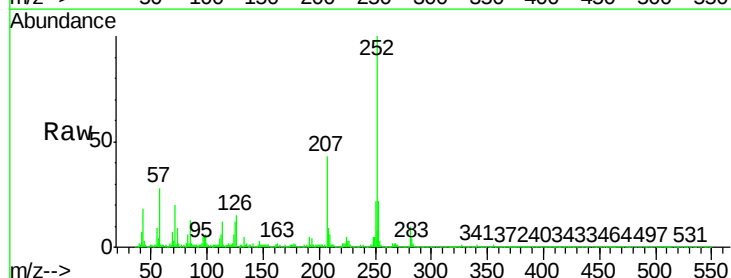
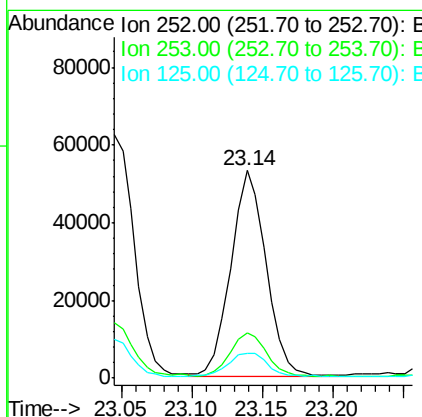
RT: 23.14 min Scan# 3443

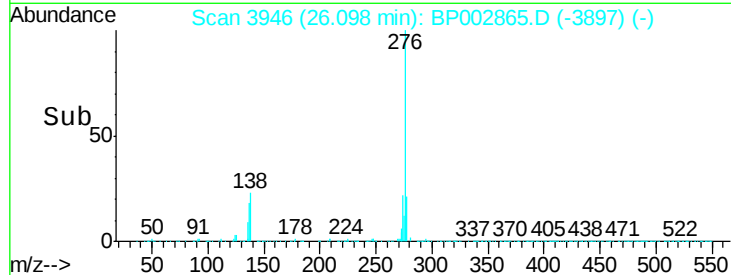
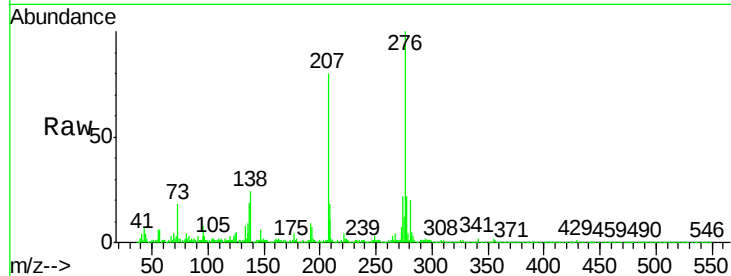
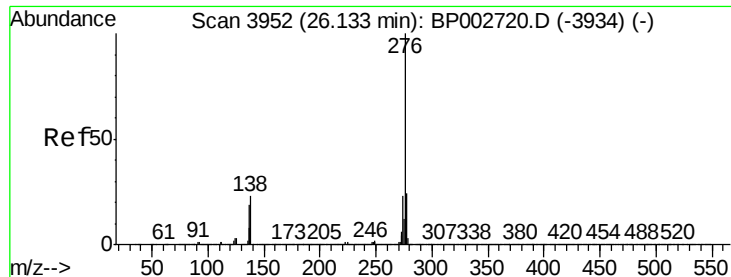
Delta R.T. -0.01 min

Lab File: BP002865.D

Acq: 24 Jul 2020 21:39

Tgt Ion:	252	Resp:	92713
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	11.7	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 3.246 ng
 RT: 26.10 min Scan# 3946
 Delta R.T. -0.01 min
 Lab File: BP002865.D
 Acq: 24 Jul 2020 21:39

Instrument :
 BNA_P
 ClientSampleId :
 CTR-007

Tot Ion:	276	Resp:	84271
Ion Ratio	Lower	Upper	
276	100		
277	22.0	19.0	28.4
138	23.7	18.2	27.4

Manual Integrations
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