

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002867.D
 Acq On : 24 Jul 2020 22:47
 Operator : CG/JU
 Sample : L3382-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-011

Manual Integrations
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mohammad
 7/27/2020 12:22:17 PM

Quant Time: Jul 25 00:41:55 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	26027	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	113449	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	81152	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	223477	20.00	ng	0.00
76) Chrysene-d12	21.05	240	365492	20.00	ng	0.00
86) Perylene-d12	23.23	264	482378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	211597	137.17	ng	0.00
7) Phenol-d6	6.74	99	300778	136.62	ng	0.00
23) Nitrobenzene-d5	8.69	82	164897	77.74	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	127133	150.08	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	404505	77.11	ng	0.00
79) Terphenyl-d14	19.53	244	1003920	62.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	52382	8.464	ng	99
71) Phenanthrene	16.99	178	38626	3.192	ng	97
75) Fluoranthene	18.97	202	194885	13.900	ng	99
78) Pyrene	19.33	202	168422	6.674	ng	99
81) Benzo(a)anthracene	21.04	228	120101	5.076	ng	97
83) Chrysene	21.09	228	119858m	5.322	ng	
87) Indeno(1,2,3-cd)pyrene	25.42	276	102688	2.945	ng	98
88) Benzo(b)fluoranthene	22.59	252	185242m	6.184	ng	
89) Benzo(k)fluoranthene	22.62	252	65032m	2.204	ng	
90) Benzo(a)pyrene	23.14	252	122455	4.314	ng	97
92) Benzo(g,h,i)perylene	26.09	276	97843	3.432	ng	99

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

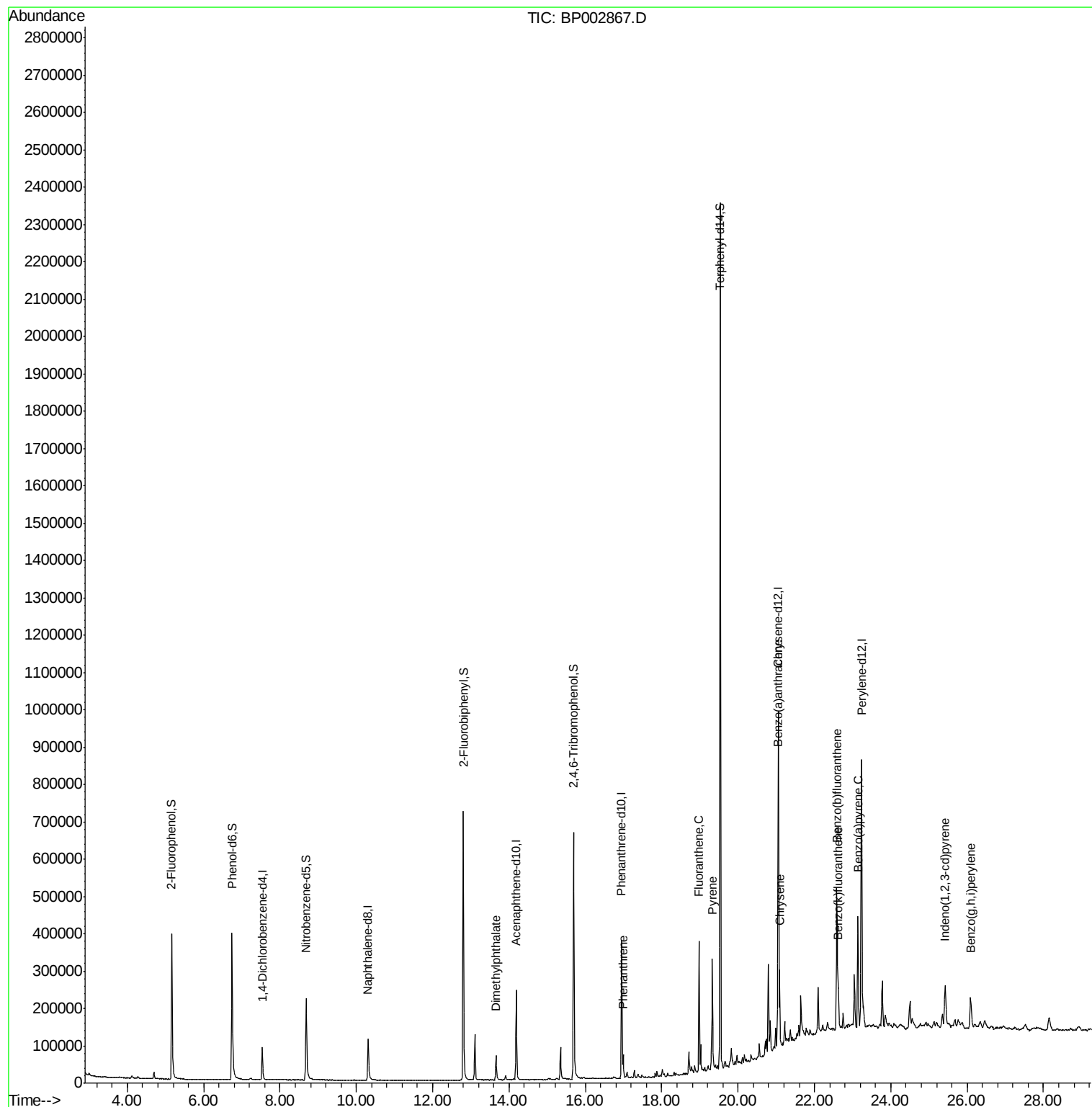
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002867.D
Acq On : 24 Jul 2020 22:47
Operator : CG/JU
Sample : L3382-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

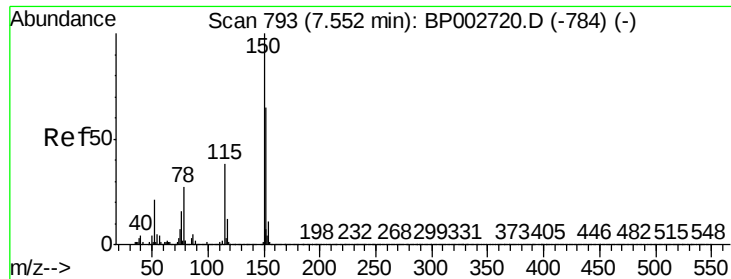
Instrument :
BNA_P
ClientSampleId :
CTR-011

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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

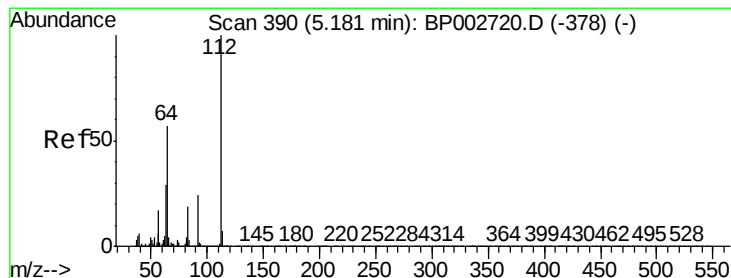
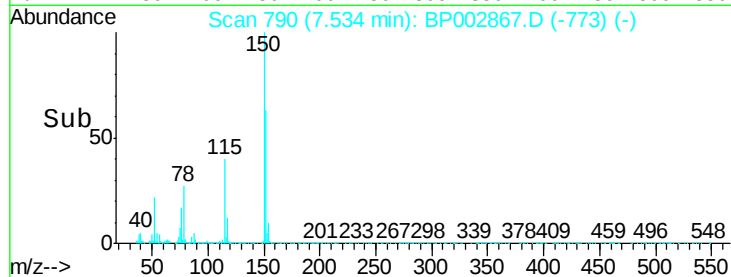
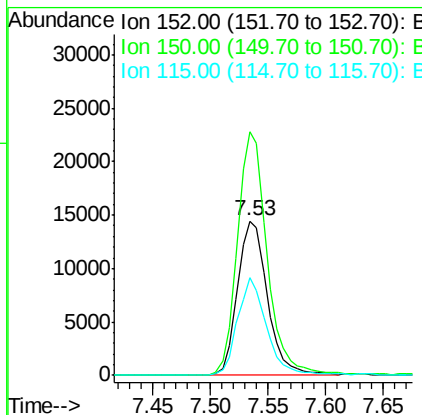
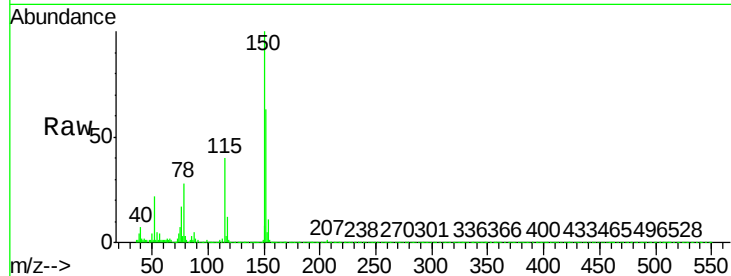
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Instrument :
BNA_P
ClientSampleId :
CTR-011

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.5	183.7
115	63.5	48.5	72.7

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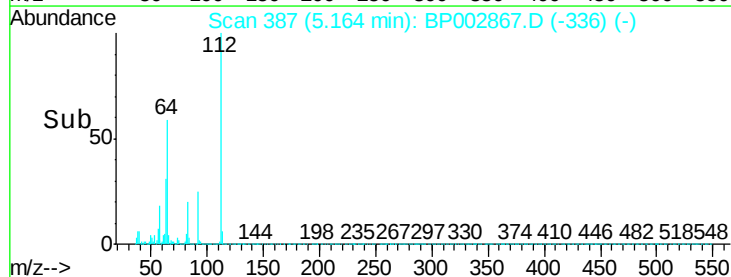
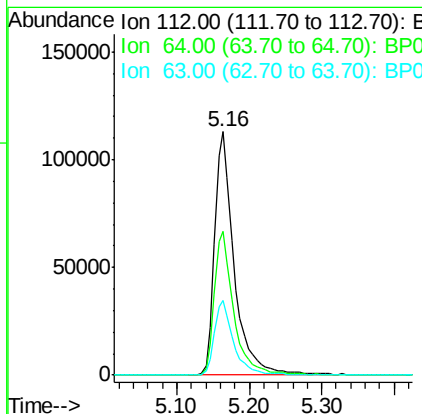
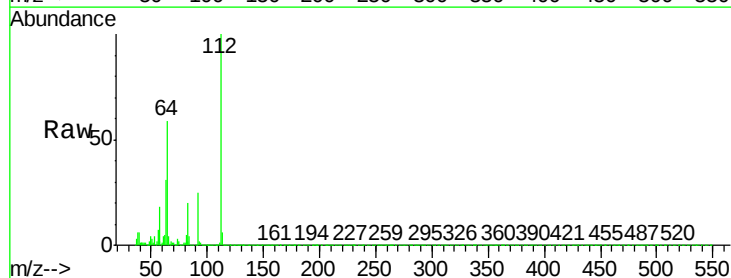
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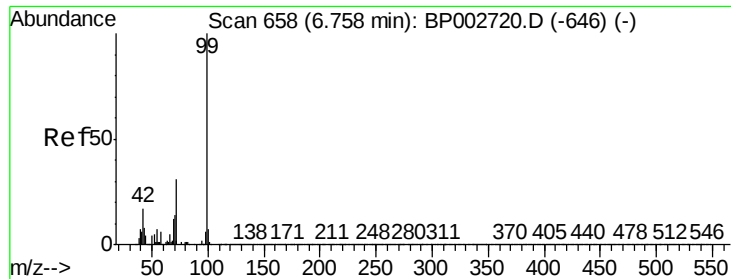


#5

2-Fluorophenol
Concen: 137.167 ng
RT: 5.16 min Scan# 387
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.1	72.1
63	30.9	24.9	37.3





#7

Phenol-d6

Concen: 136.619 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002867.D

Acq: 24 Jul 2020 22:47

Instrument :

BNA_P

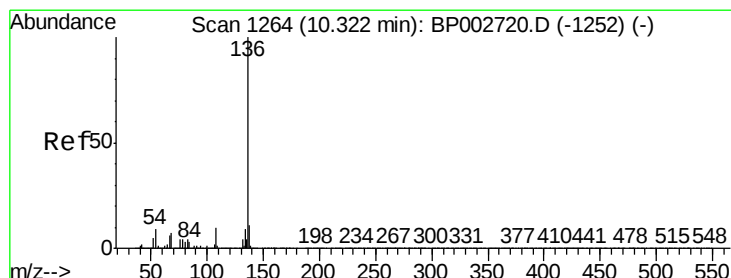
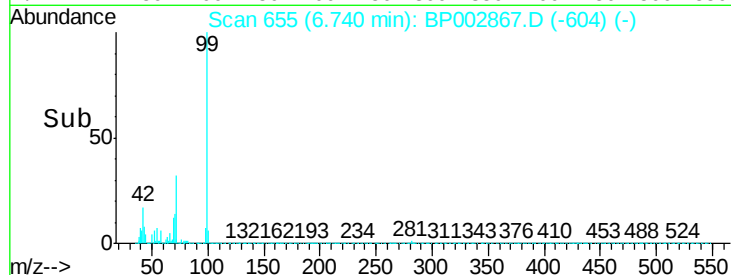
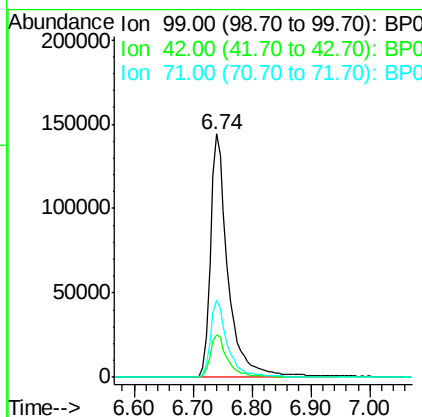
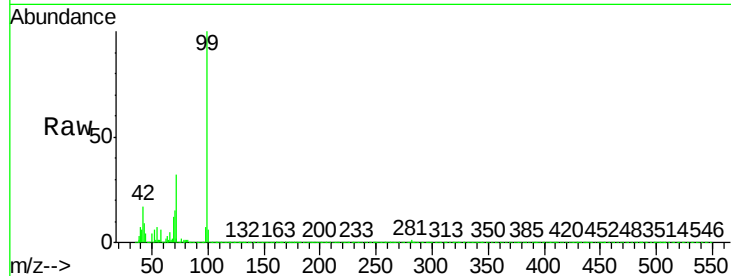
ClientSampleId :

CTR-011

Tot Ion:	99	Resp:	300778
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.2	21.4
71	31.6	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

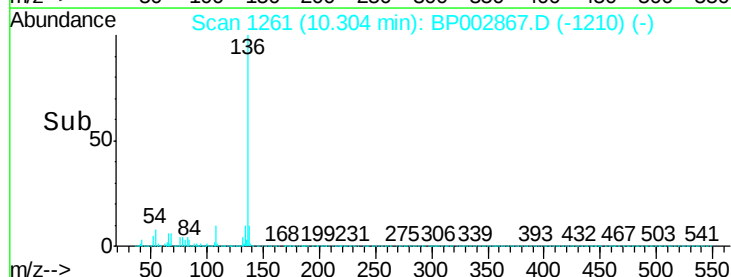
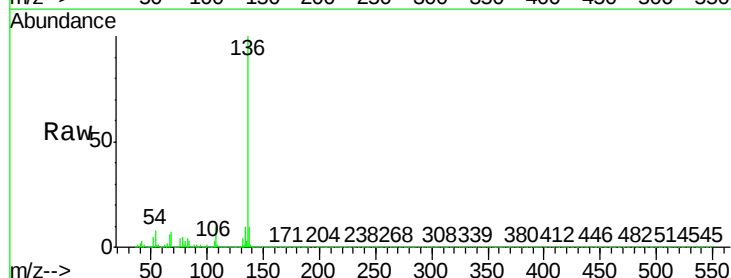
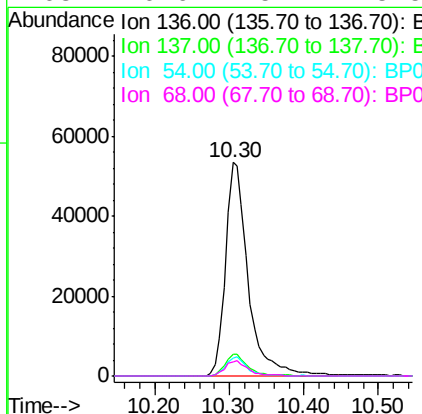
RT: 10.30 min Scan# 1261

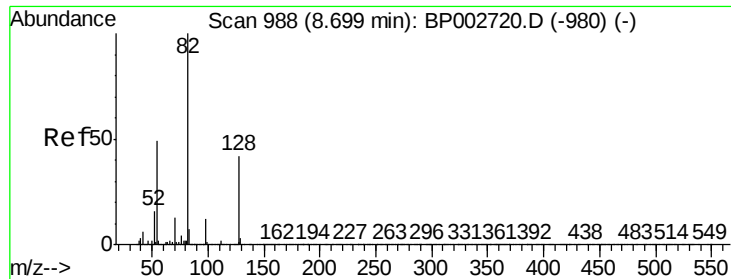
Delta R.T. -0.00 min

Lab File: BP002867.D

Acq: 24 Jul 2020 22:47

Tgt Ion:	136	Resp:	113449
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.8	13.2
54	8.3	7.3	10.9
68	6.6	5.7	8.5





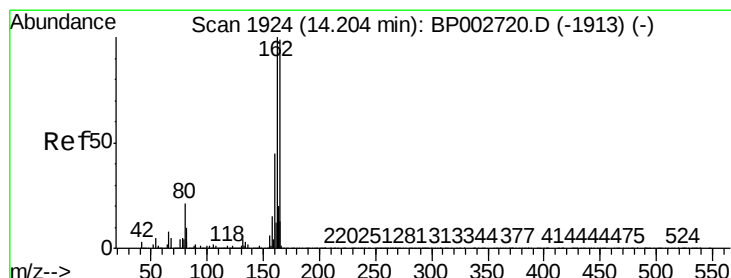
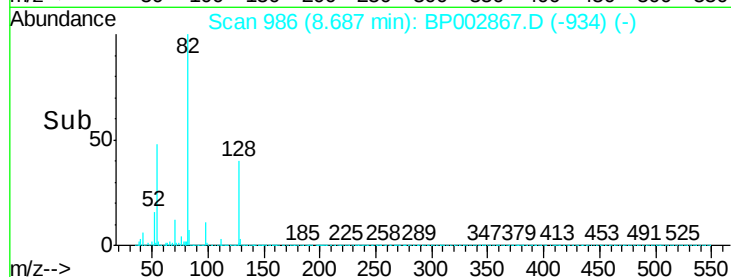
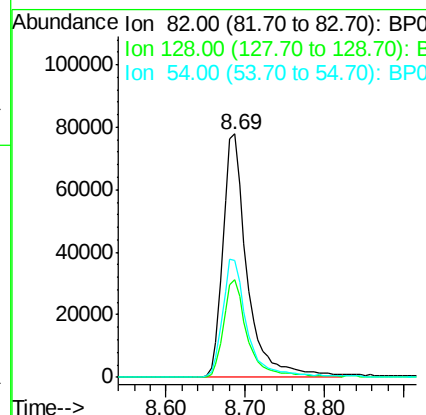
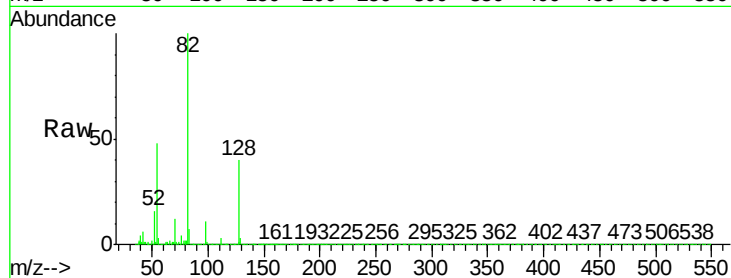
#23
Nitrobenzene-d5
Concen: 77.738 ng
RT: 8.69 min Scan# 986
Delta R.T. 0.01 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Instrument :
BNA_P
ClientSampled :
CTR-011

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.6	49.0
54	48.0	38.9	58.3

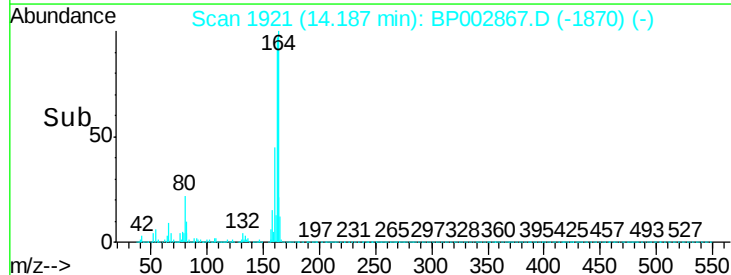
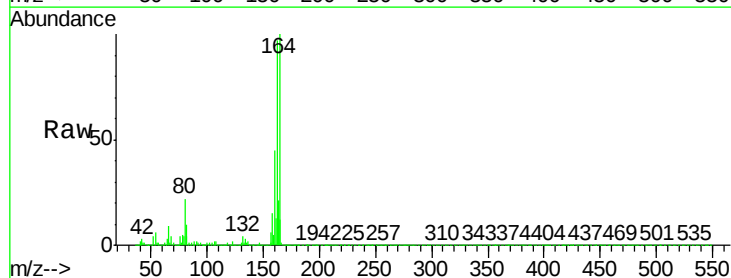
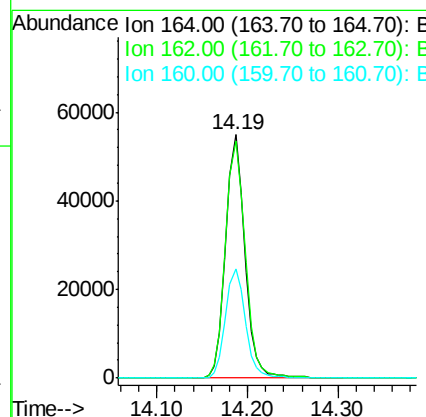
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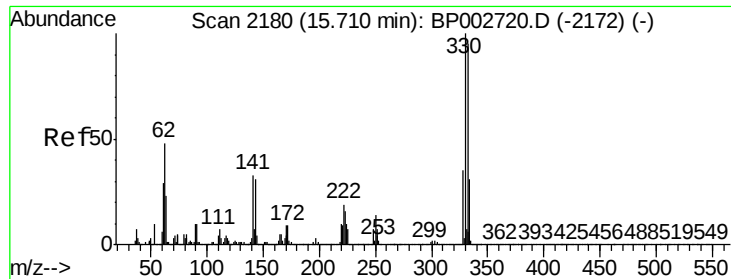
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	78.4	117.6
160	44.9	36.1	54.1





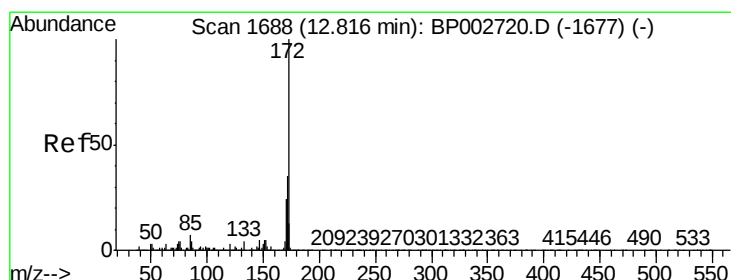
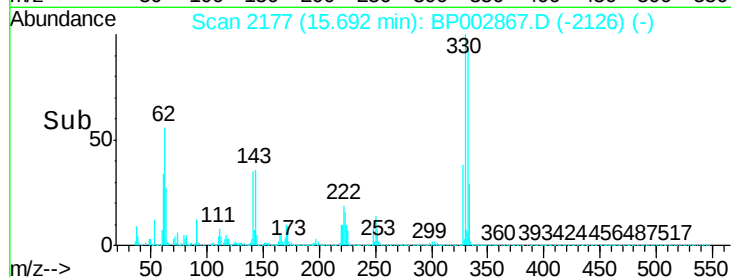
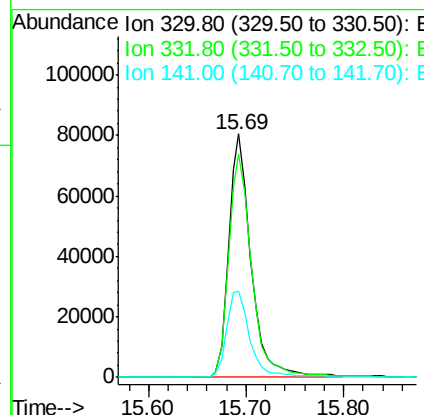
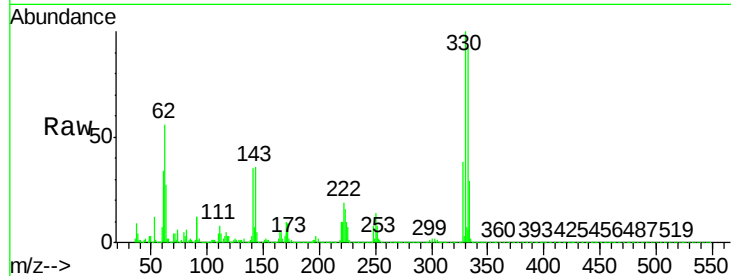
#42
2,4,6-Tribromophenol
Concen: 150.081 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Instrument :
BNA_P
ClientSampleId :
CTR-011

Tot Ion	Ratio	Resp	Lower	Upper
330	100	127133		
332	95.6	77.6	116.4	
141	37.5	29.0	43.6	

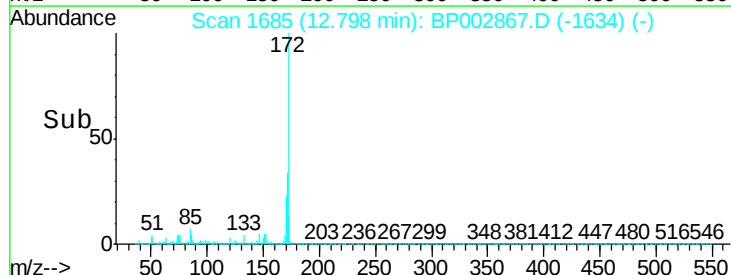
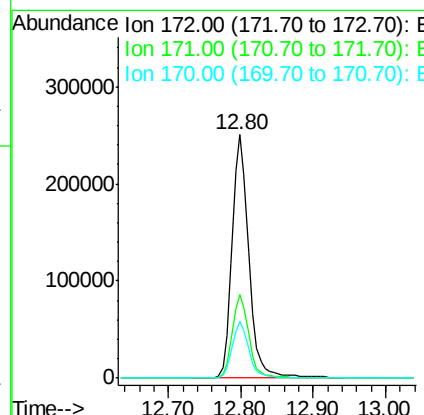
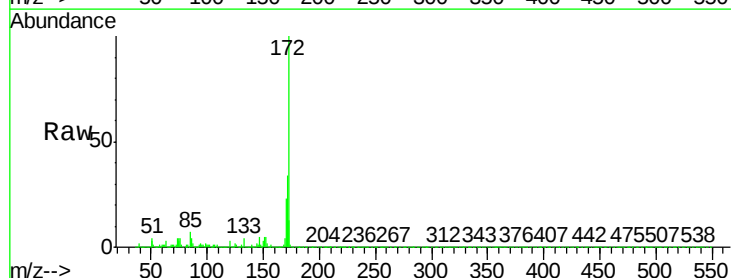
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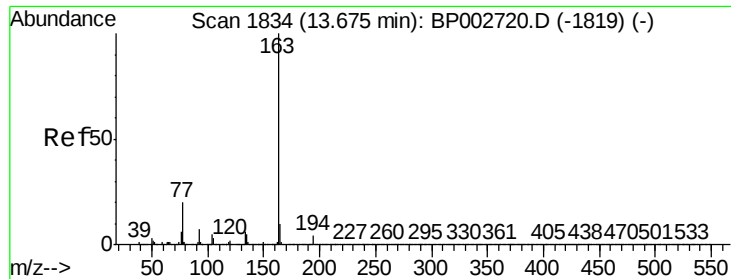
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#45
2-Fluorobiphenyl
Concen: 77.110 ng
RT: 12.80 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	404505		
171	34.5	27.0	40.4	
170	23.1	19.4	29.2	





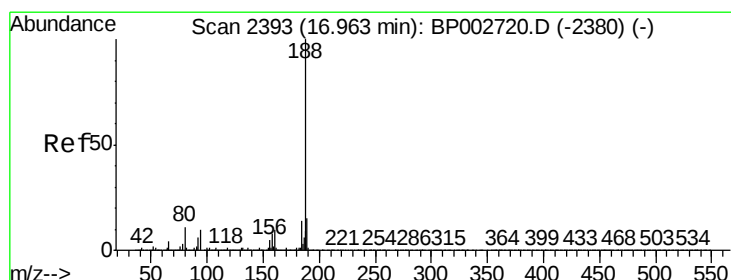
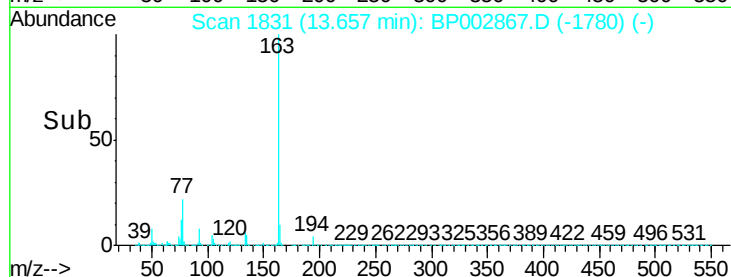
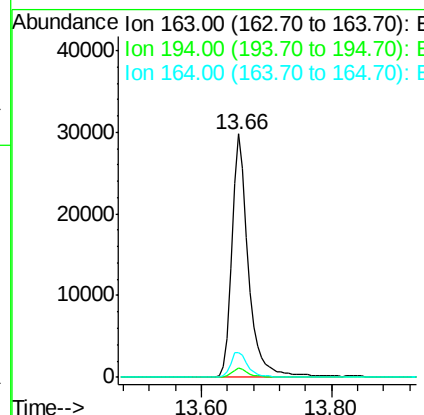
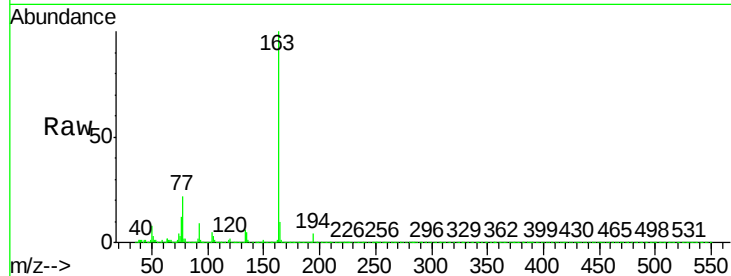
#50
Dimethylphthalate
Concen: 8.464 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Instrument :
BNA_P
ClientSampleId :
CTR-011

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.2	8.2	12.2

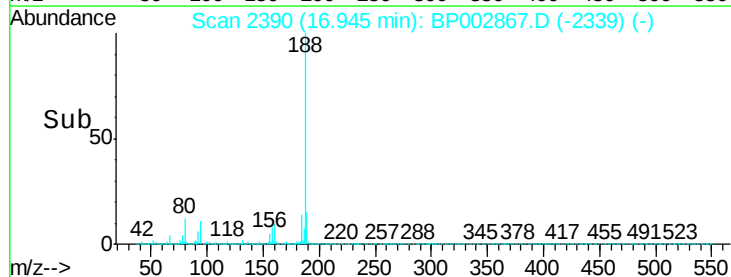
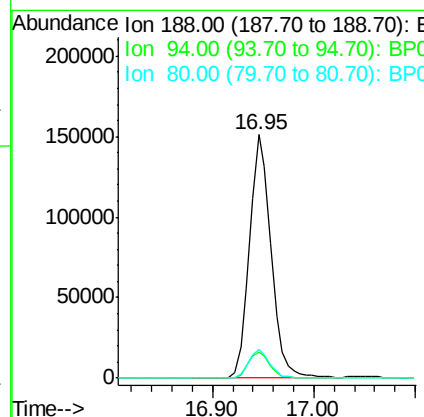
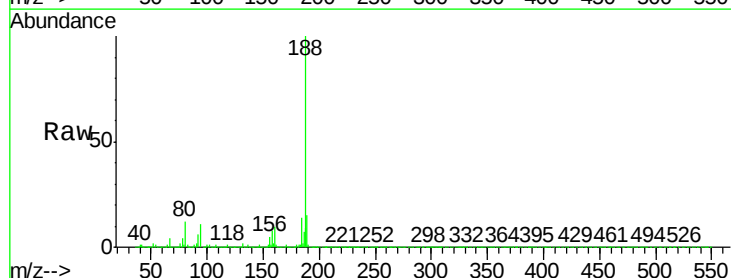
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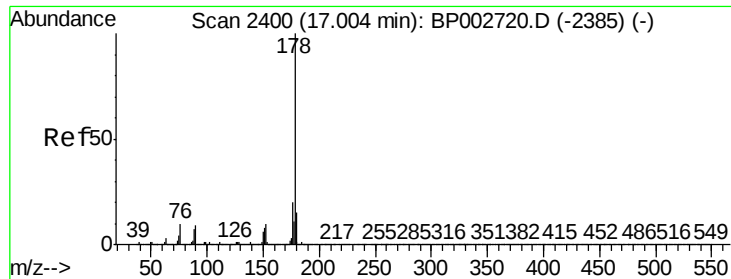
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.6	9.0	13.4





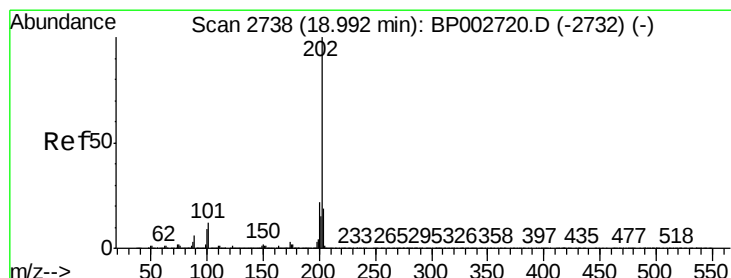
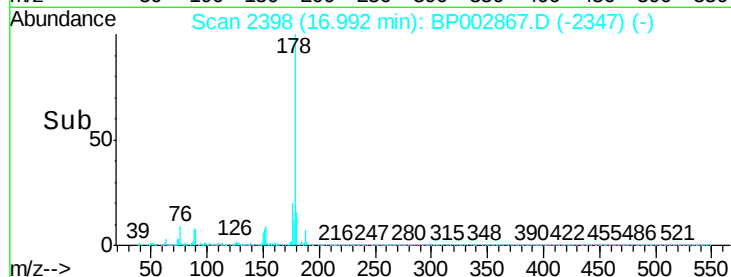
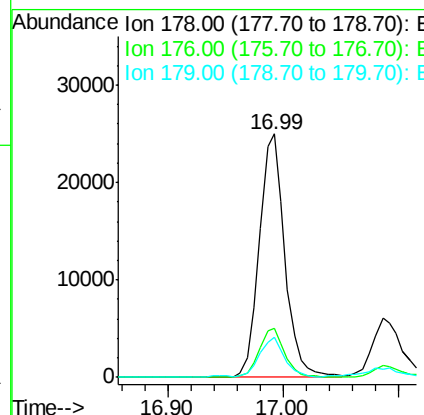
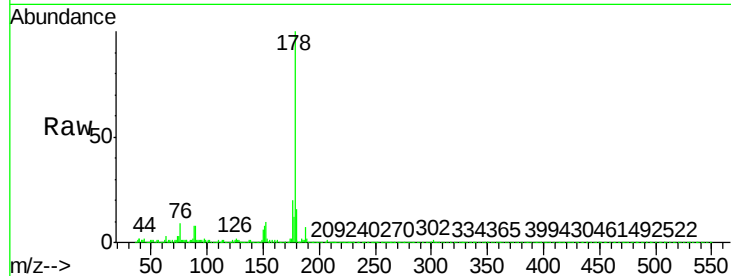
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Phenanthrene
Concen: 3.192 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Instrument :
BNA_P
ClientSampleId :
CTR-011

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	16.5	11.8	17.6

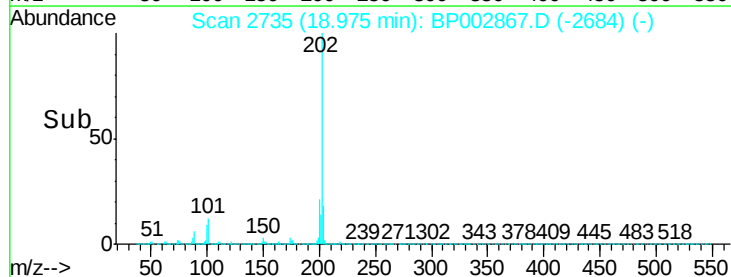
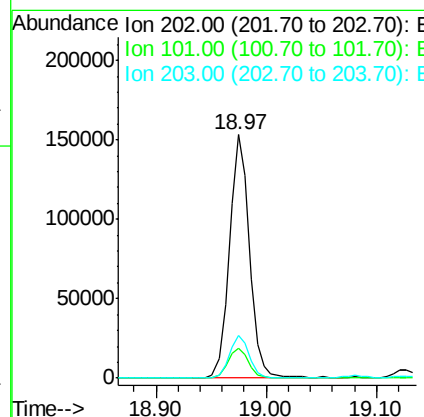
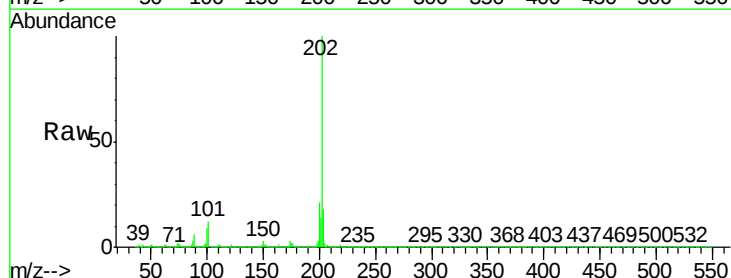
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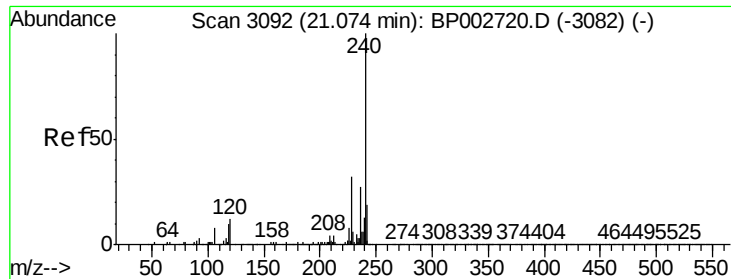
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#75
Fluoranthene
Concen: 13.900 ng
RT: 18.97 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.0
203	17.6	0.0	38.1





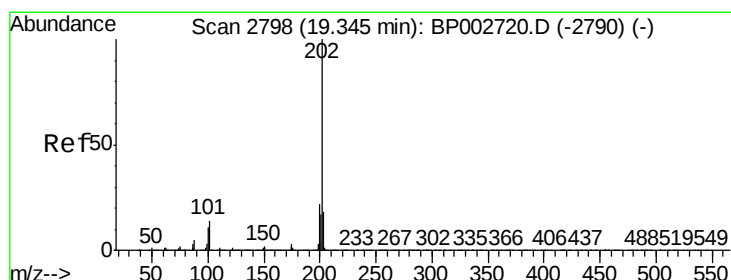
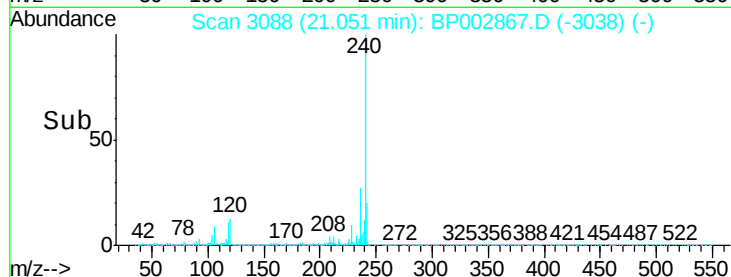
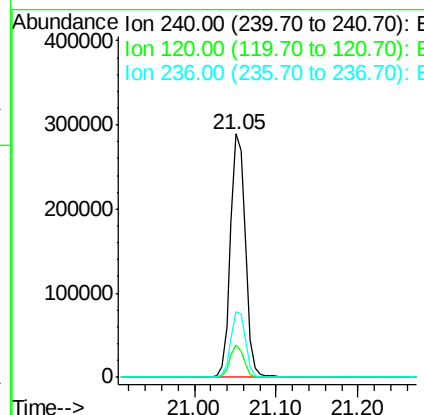
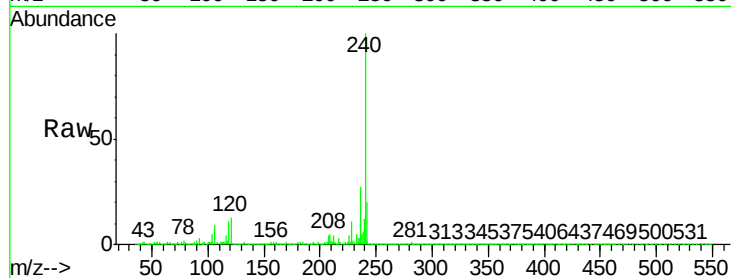
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Instrument :
BNA_P
ClientSampleId :
CTR-011

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.2	13.8
236	27.1	20.3	30.5

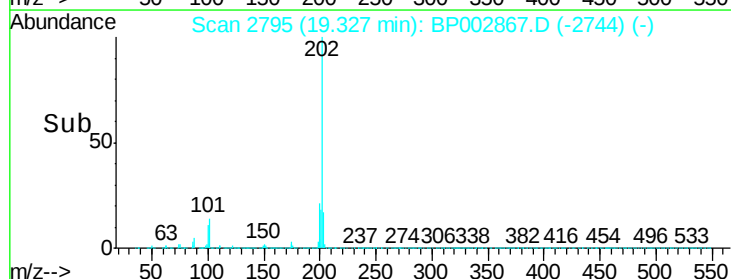
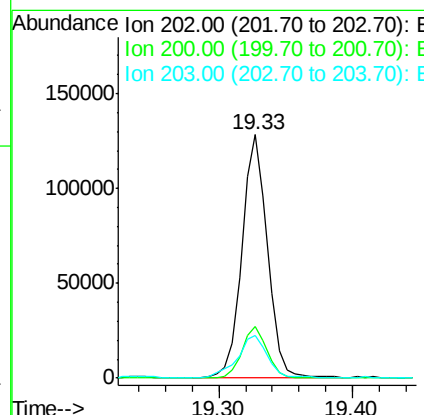
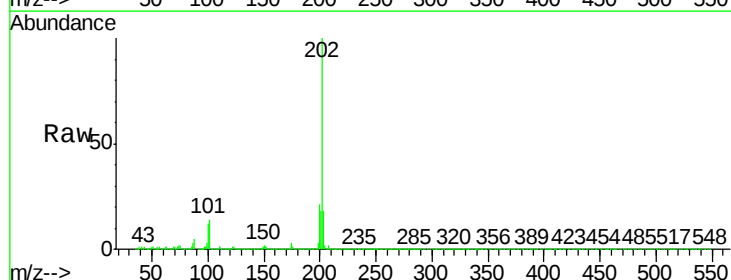
Manual Integrations
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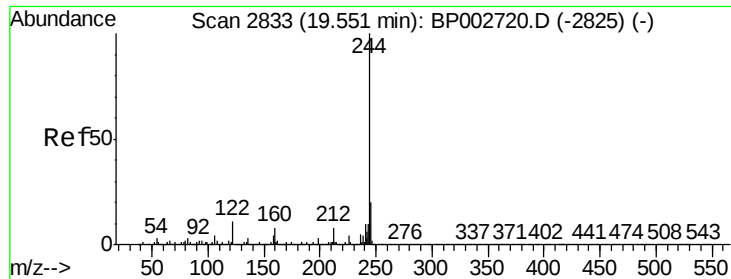
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#78
Pyrene
Concen: 6.674 ng
RT: 19.33 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.6	13.8	20.8





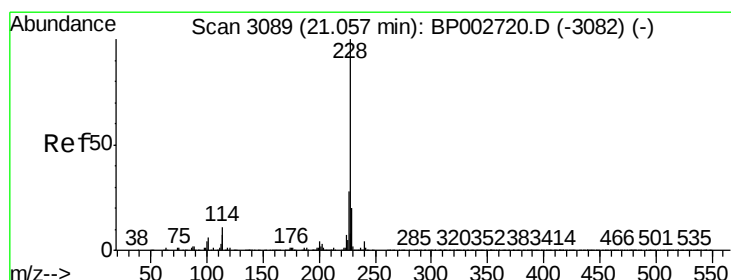
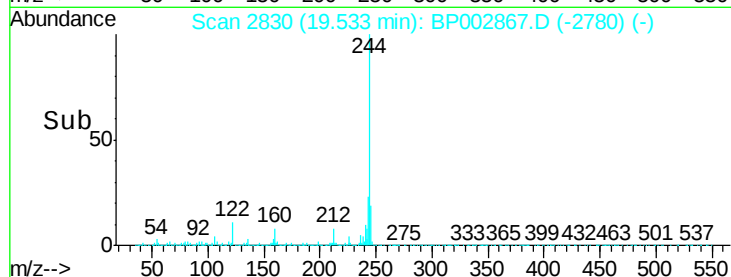
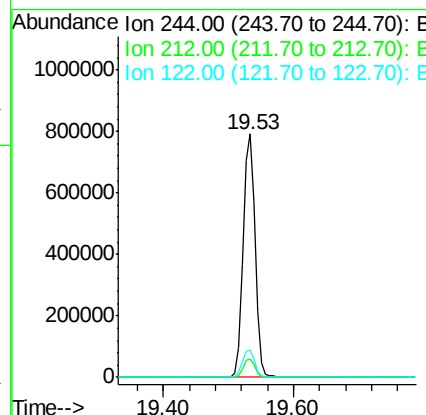
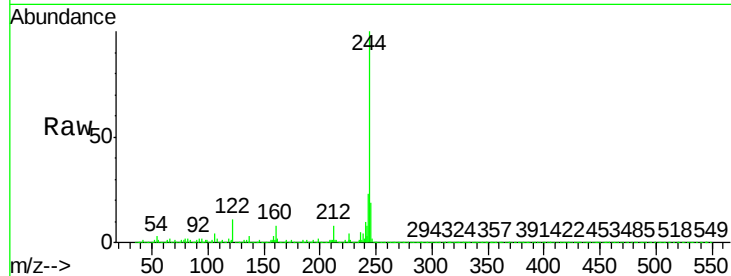
#79
 Terphenyl-d14
 Concen: 62.976 ng
 RT: 19.53 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BP002867.D
 Acq: 24 Jul 2020 22:47

Instrument :
 BNA_P
 ClientSampled :
 CTR-011

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	11.2	7.9	11.9

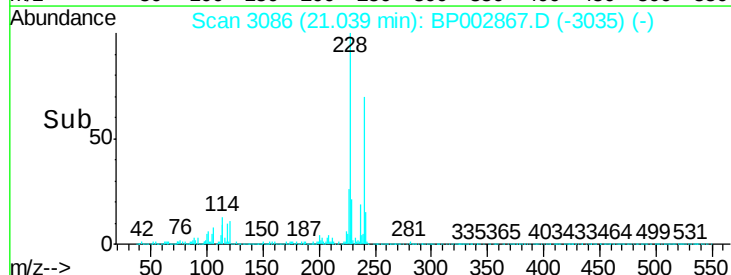
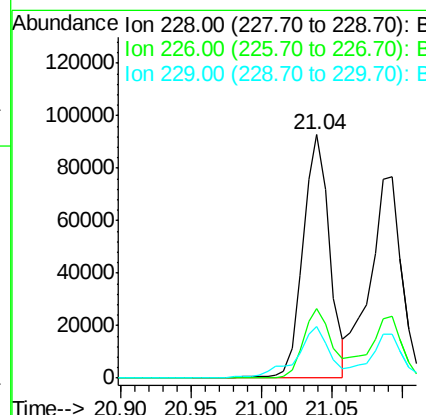
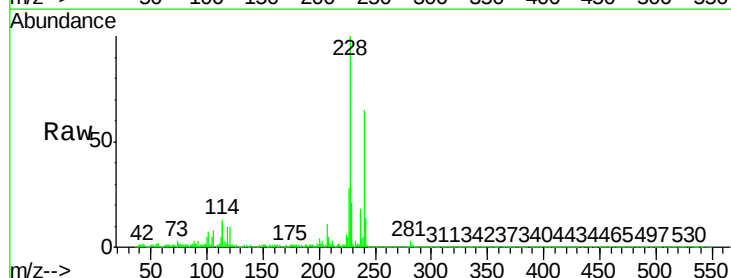
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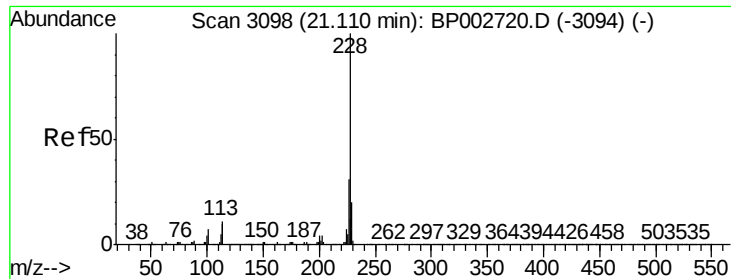
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.076 ng
 RT: 21.04 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BP002867.D
 Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.6
229	21.1	15.8	23.6





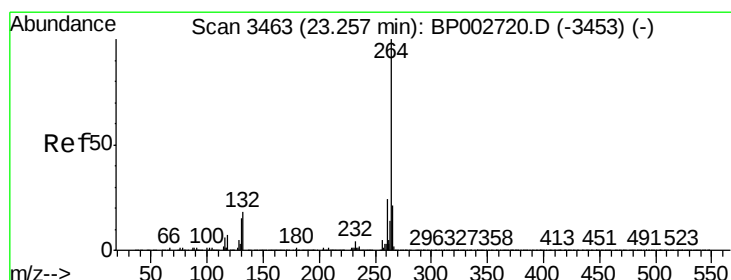
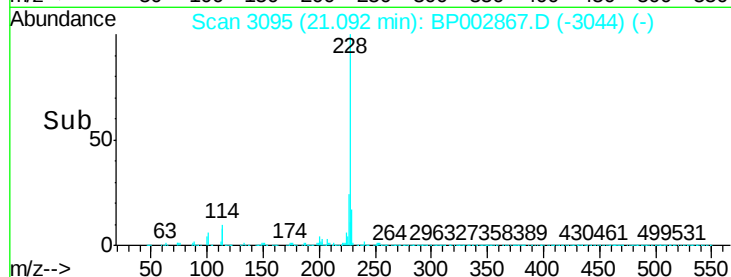
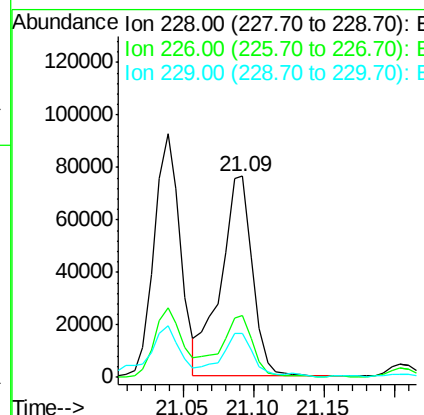
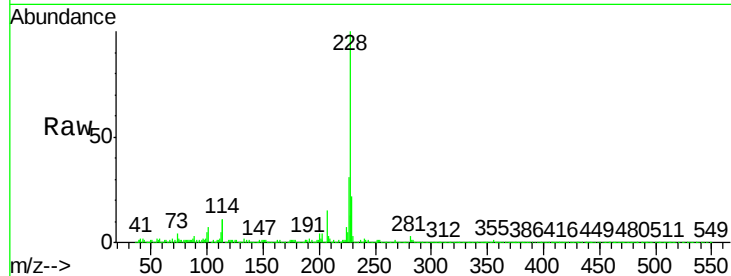
#83
Chrysene
Concen: 5.322 ng/ml
RT: 21.09 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Instrument :
BNA_P
ClientSampleId :
CTR-011

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	21.6	15.2	22.8

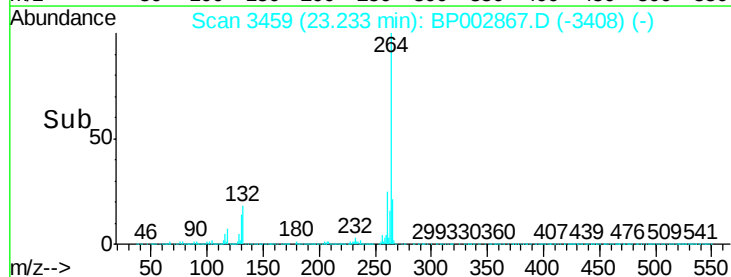
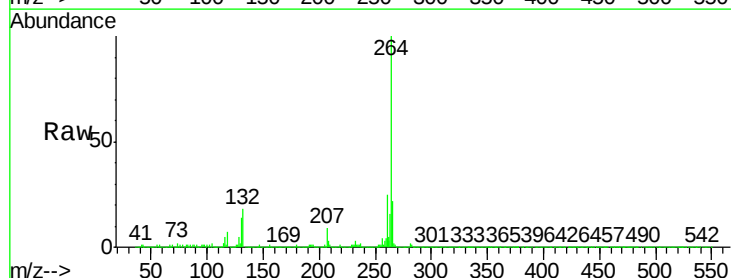
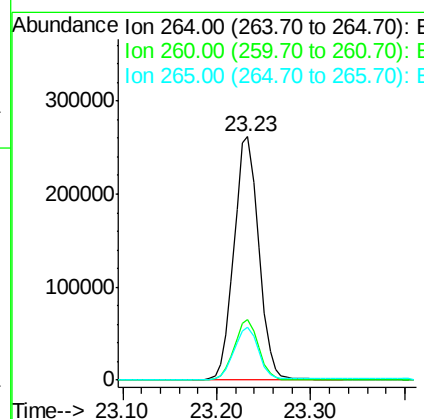
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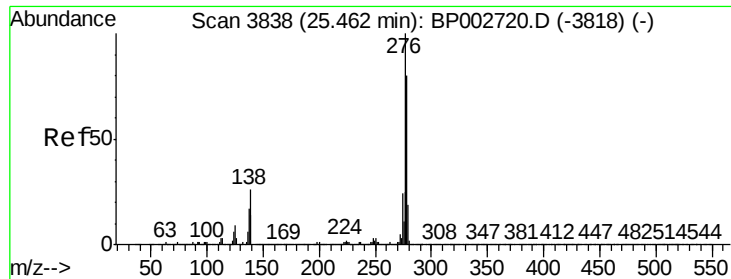
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.23 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	21.5	16.7	25.1





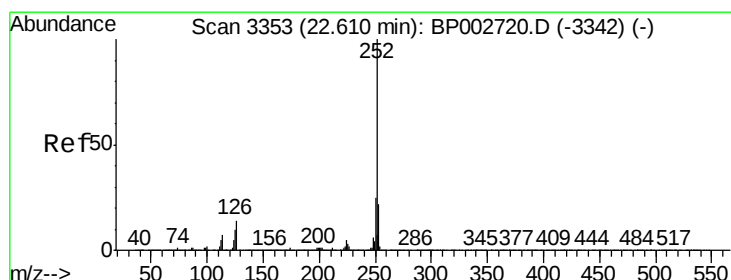
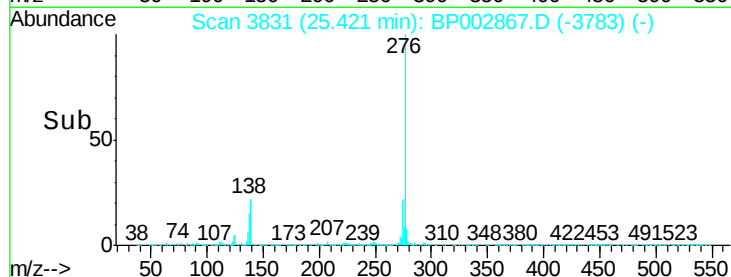
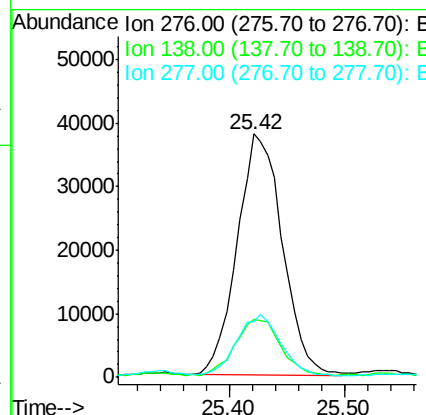
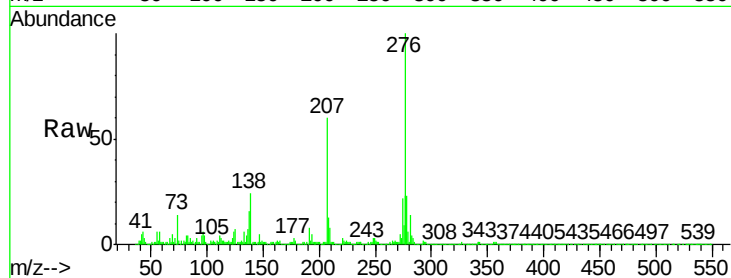
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.945 ng
 RT: 25.42 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BP002867.D
 Acq: 24 Jul 2020 22:47

Instrument :
 BNA_P
 ClientSampled :
 CTR-011

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.5	30.7
277	24.3	20.1	30.1

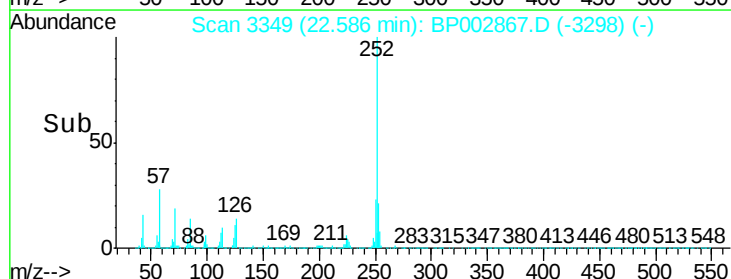
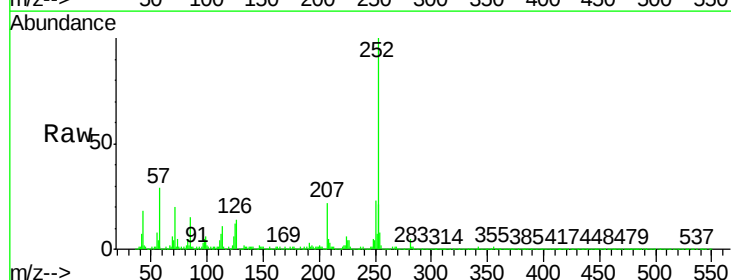
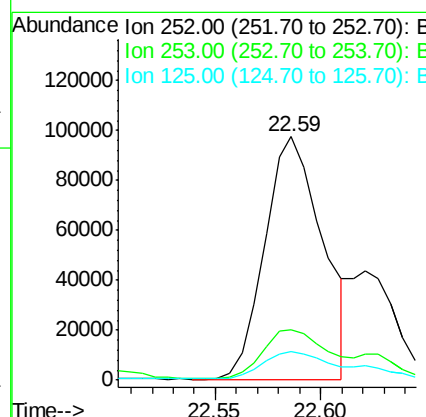
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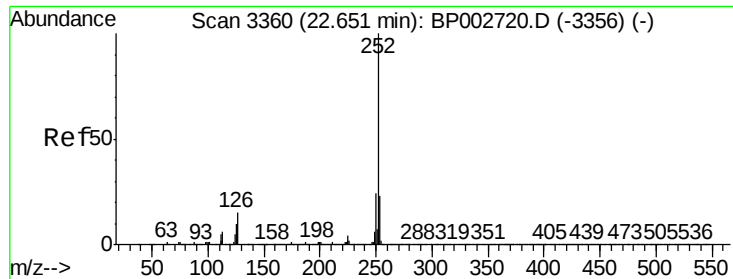
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#88
 Benzo(b)fluoranthene
 Concen: 6.184 ng m
 RT: 22.59 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: BP002867.D
 Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.5	27.7
125	11.7	8.3	12.5





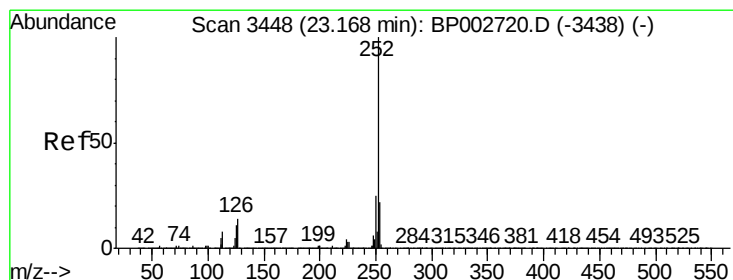
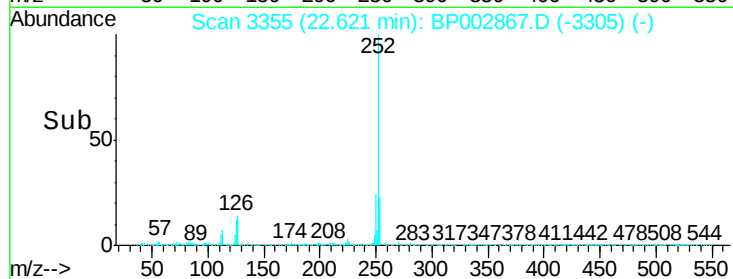
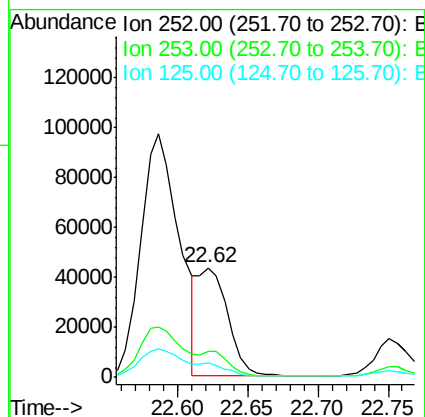
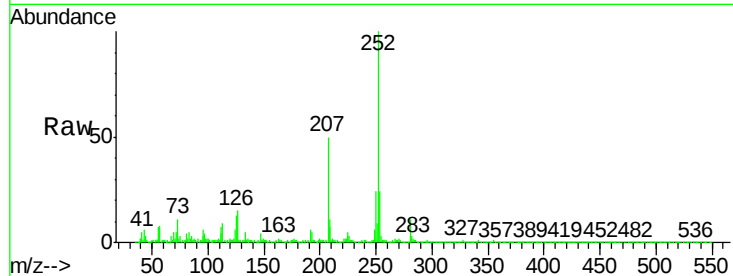
#89
Benzo(k)fluoranthene
Concen: 2.204 ng m
RT: 22.62 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Instrument :
BNA_P
ClientSampled :
CTR-011

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	12.7	8.0	12.0

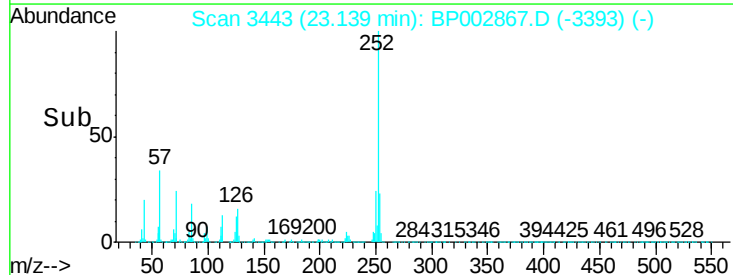
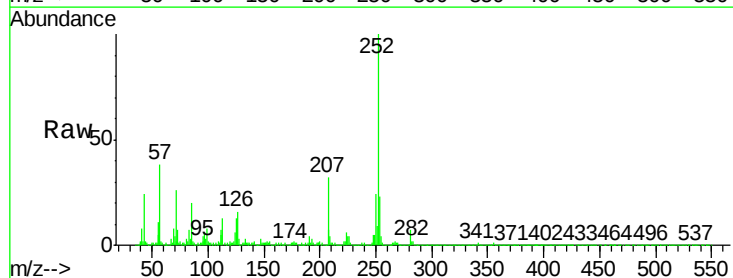
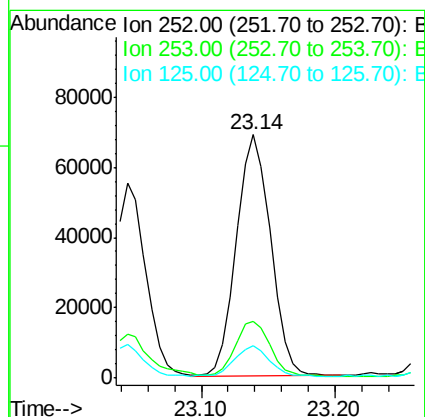
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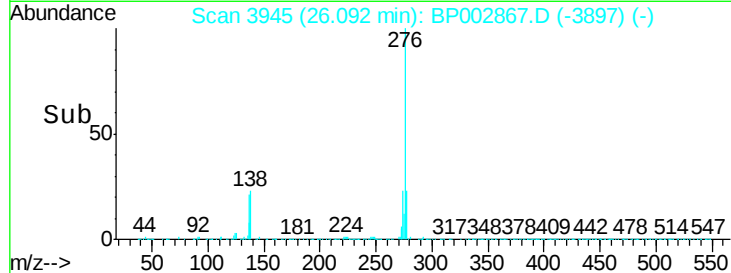
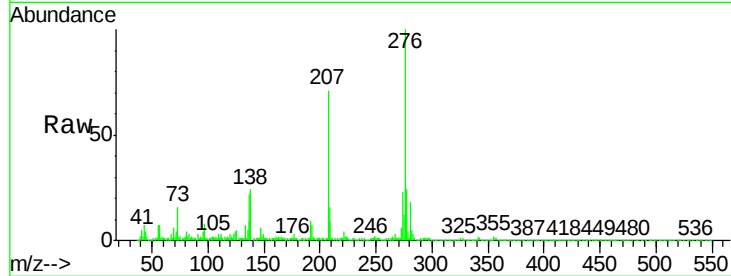
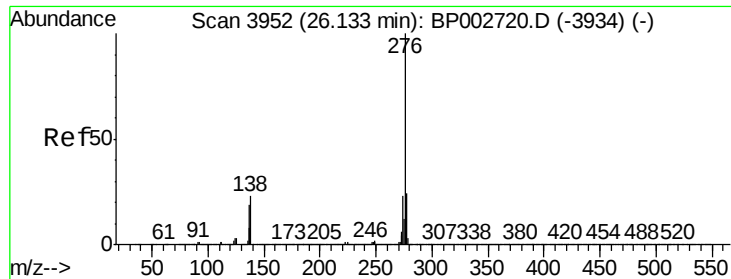
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#90
Benzo(a)pyrene
Concen: 4.314 ng
RT: 23.14 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BP002867.D
Acq: 24 Jul 2020 22:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	13.1	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 3.432 ng
 RT: 26.09 min Scan# 3945
 Delta R.T. -0.02 min
 Lab File: BP002867.D
 Acq: 24 Jul 2020 22:47

Instrument :
 BNA_P
 ClientSampleId :
 CTR-011

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	23.8	18.2	27.4

Manual Integrations
 APPROVED

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