

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002868.D
 Acq On : 24 Jul 2020 23:22
 Operator : CG/JU
 Sample : L3382-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

Manual Integrations
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mohammad
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Quant Time: Jul 25 00:54:14 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	65000	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	278003	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	187810	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	438402	20.00	ng	0.00
76) Chrysene-d12	21.05	240	567523	20.00	ng	0.00
86) Perylene-d12	23.23	264	690144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	365693	94.92	ng	0.00
7) Phenol-d6	6.74	99	512835	93.27	ng	0.00
23) Nitrobenzene-d5	8.68	82	304003	58.49	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	183355	93.53	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	688309	56.70	ng	0.00
79) Terphenyl-d14	19.53	244	1226990	49.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.65	163	147904	10.326	ng	99
52) Acenaphthene	14.25	154	30475	2.844	ng	96
55) Dibenzofuran	14.59	168	42713	2.486	ng	99
58) Fluorene	15.25	166	40749	3.205	ng	97
71) Phenanthrene	16.99	178	550217	23.180	ng	99
72) Anthracene	17.08	178	139528	5.990	ng	99
73) Carbazole	17.36	167	77871	3.407	ng	99
75) Fluoranthene	18.97	202	570620	20.747	ng	99
78) Pyrene	19.33	202	471557	12.035	ng	99
81) Benzo(a)anthracene	21.04	228	319479m	8.696	ng	
83) Chrysene	21.09	228	269359m	7.703	ng	
87) Indeno(1,2,3-cd)pyrene	25.43	276	123432	2.475	ng	97
88) Benzo(b)fluoranthene	22.59	252	311460m	7.268	ng	
89) Benzo(k)fluoranthene	22.62	252	116945m	2.770	ng	
90) Benzo(a)pyrene	23.13	252	237583	5.850	ng	99
92) Benzo(g,h,i)perylene	26.10	276	101527	2.489	ng	96

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

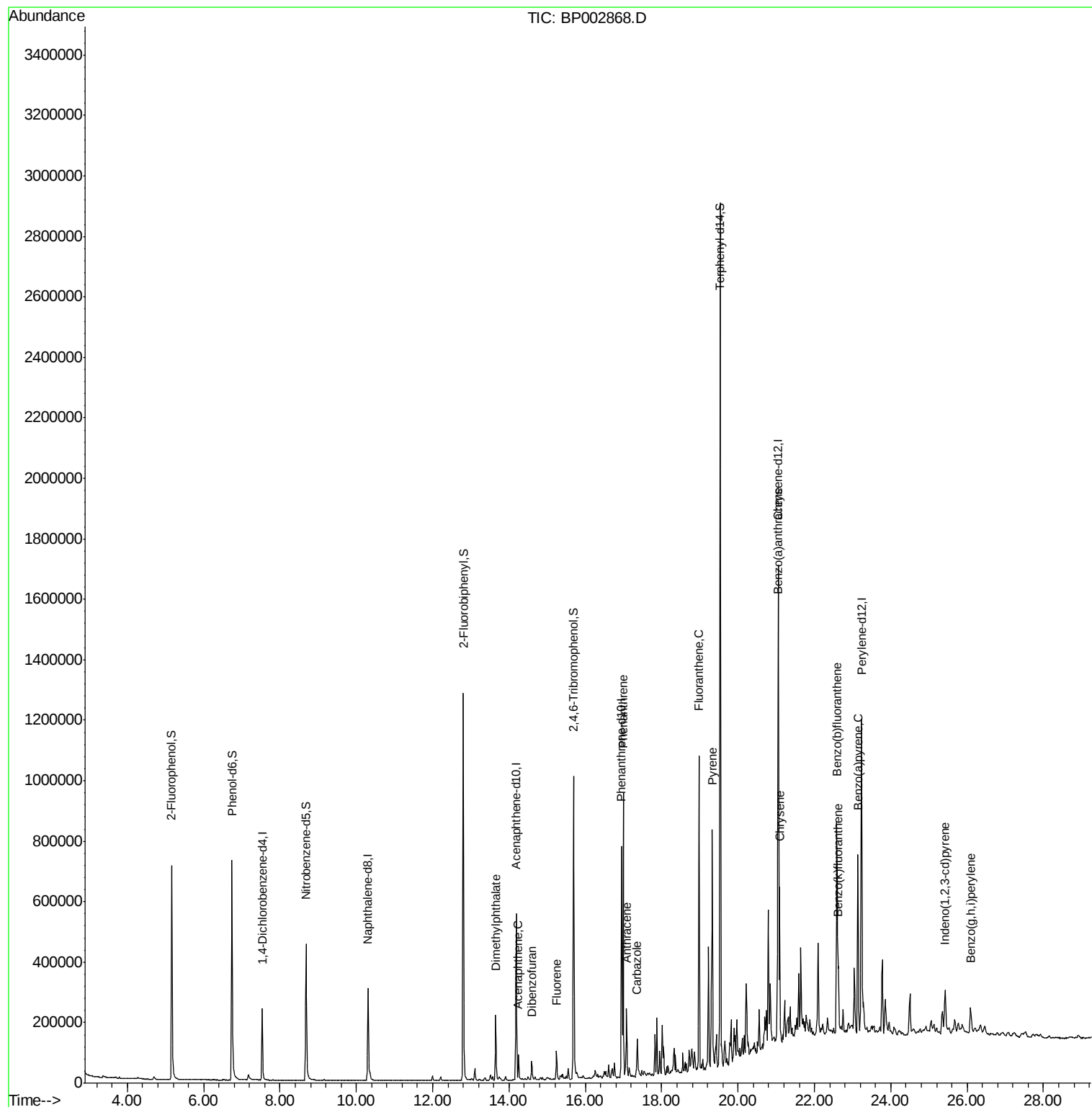
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
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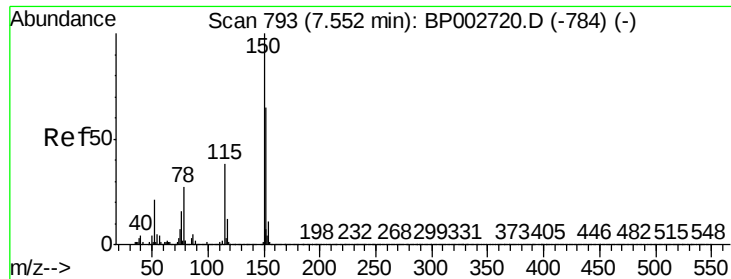
Instrument :
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CTR-024

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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

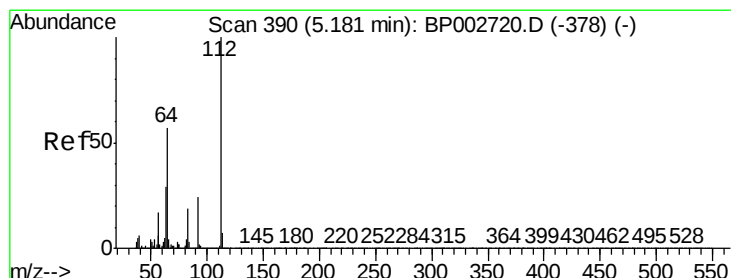
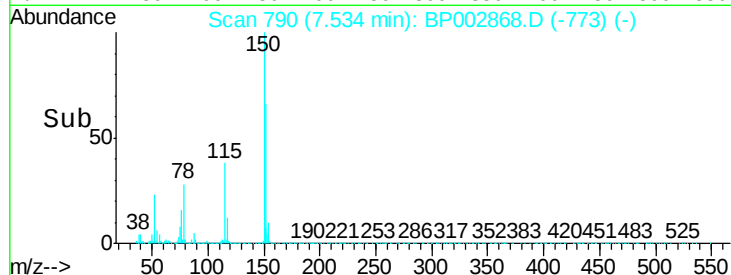
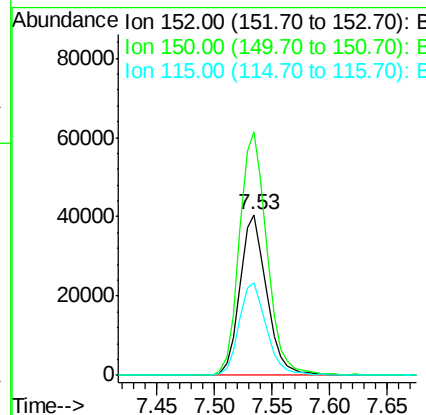
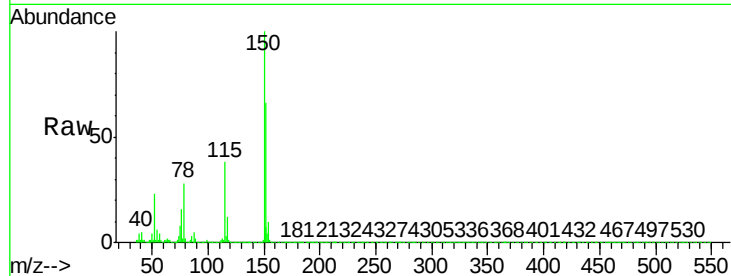
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.5	183.7
115	57.4	48.5	72.7

Manual Integrations
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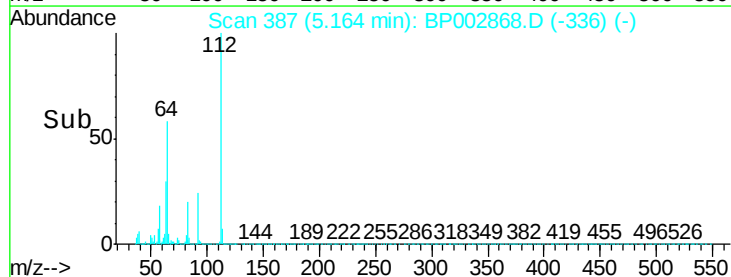
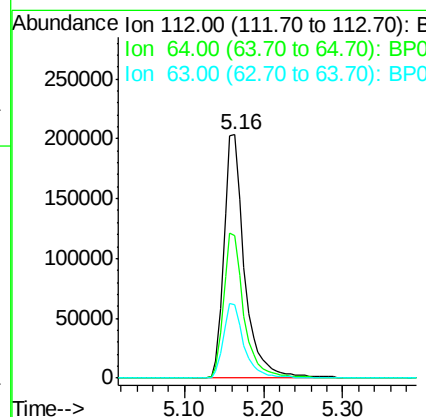
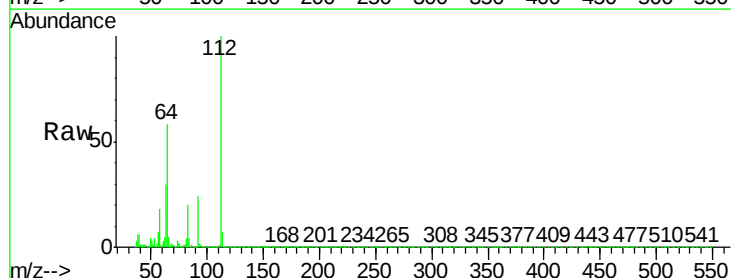
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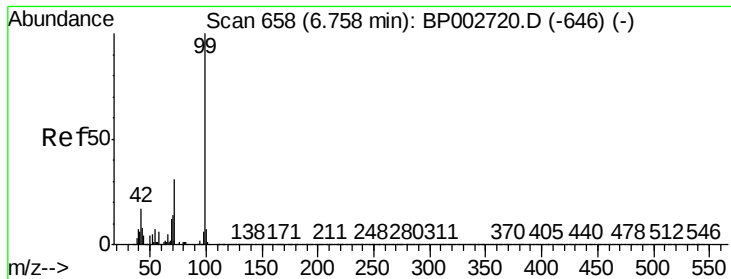


#5

2-Fluorophenol
Concen: 94.922 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	48.1	72.1
63	30.0	24.9	37.3





#7

Phenol-d6

Concen: 93.272 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA_P

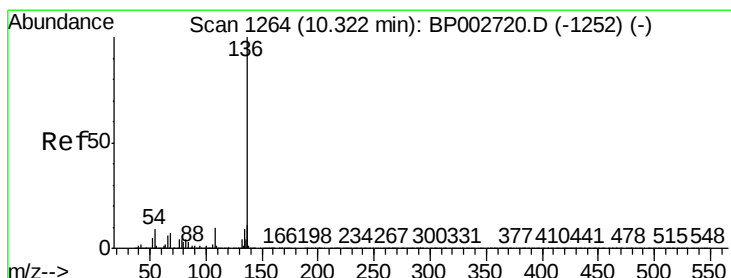
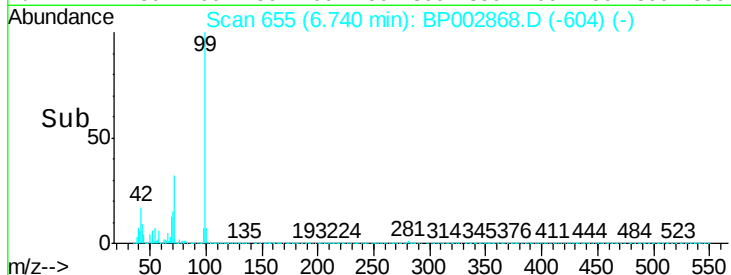
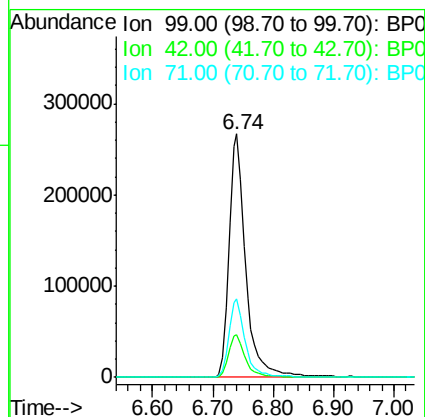
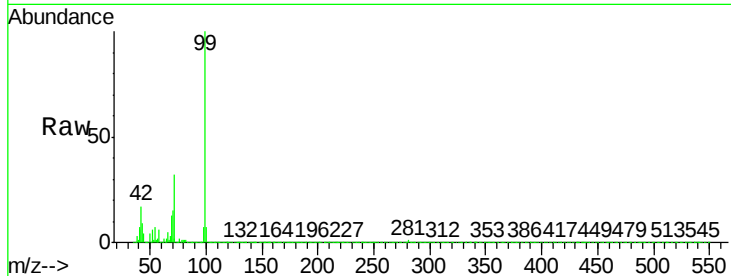
ClientSampleId :

CTR-024

Tot Ion:	99	Resp:	512835
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.2	21.4
71	32.0	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

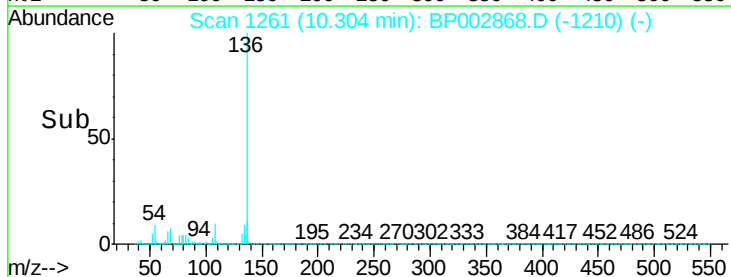
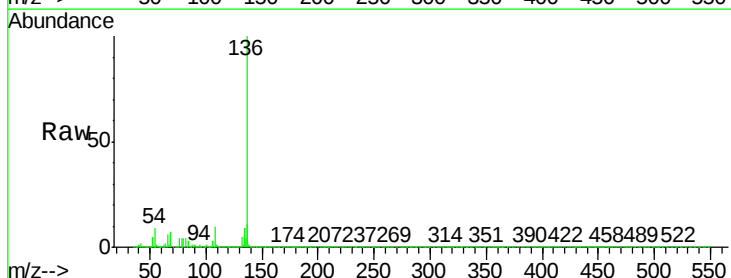
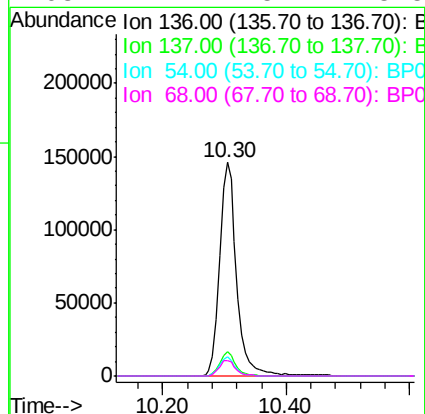
RT: 10.30 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Tgt Ion:	136	Resp:	278003
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.8	13.2
54	8.9	7.3	10.9
68	7.2	5.7	8.5





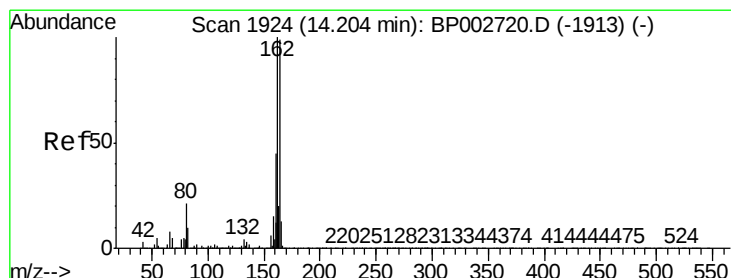
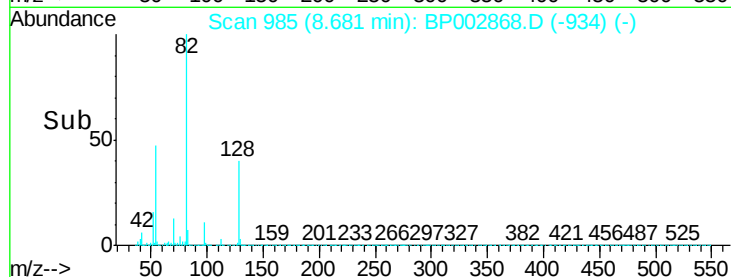
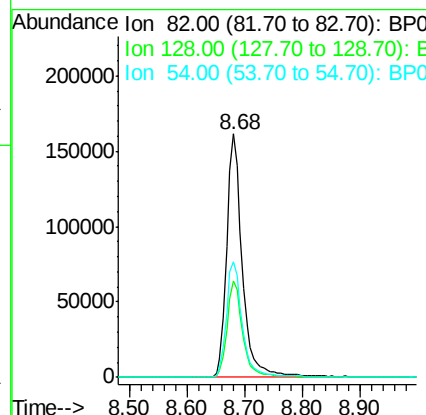
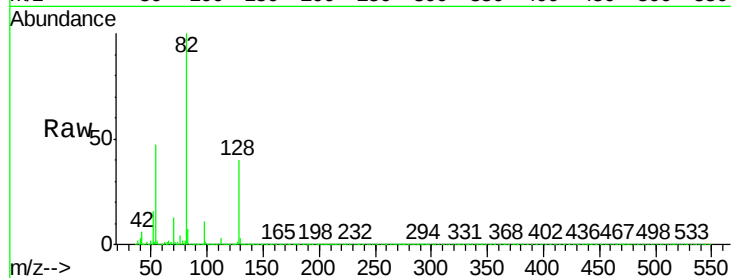
#23
 Nitrobenzene-d5
 Concen: 58.486 ng
 RT: 8.68 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BP002868.D
 Acq: 24 Jul 2020 23:22

Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	49.0
54	47.3	38.9	58.3

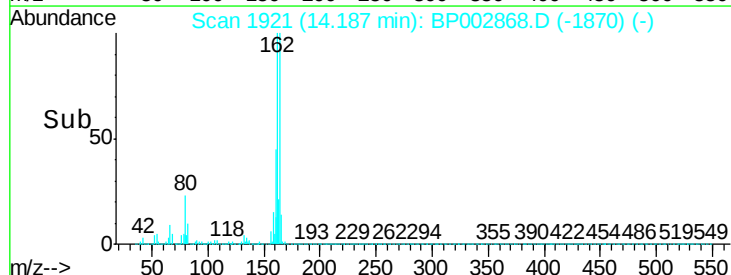
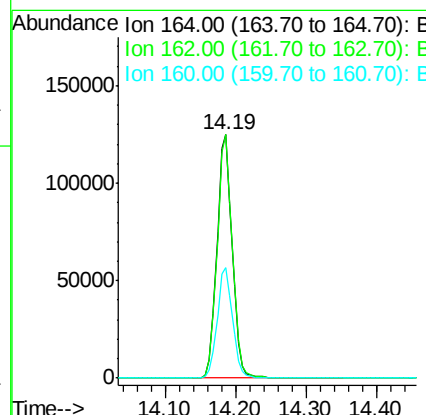
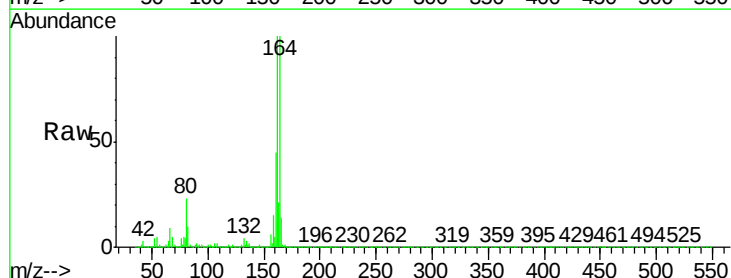
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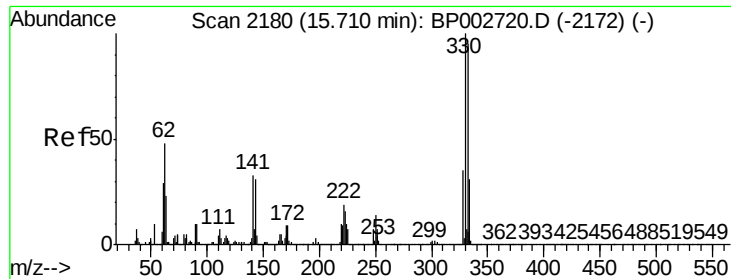
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BP002868.D
 Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.4	117.6
160	45.5	36.1	54.1





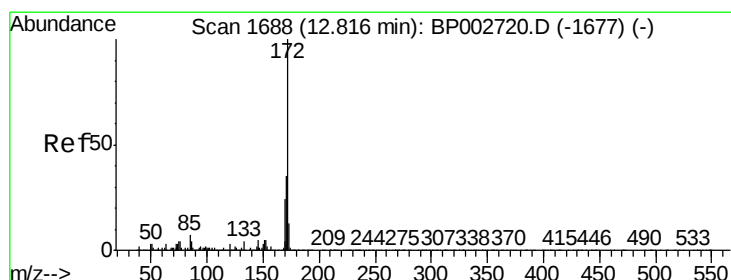
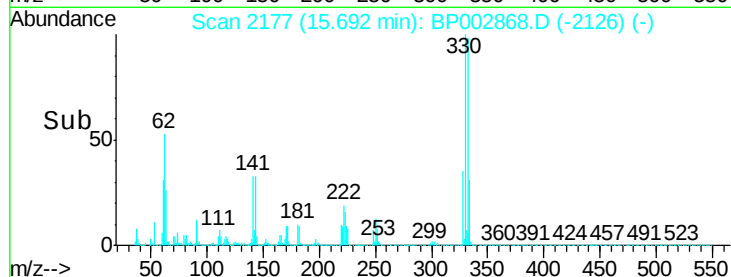
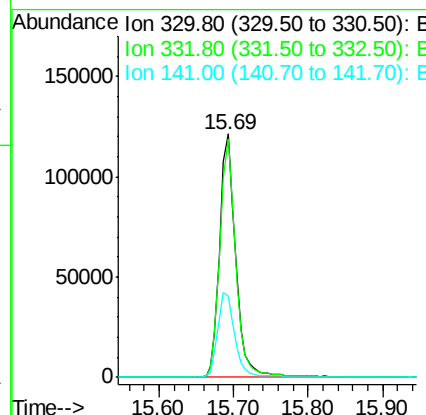
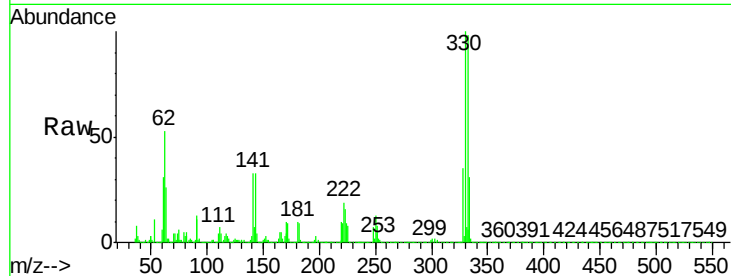
#42
 2,4,6-Tribromophenol
 Concen: 93.528 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BP002868.D
 Acq: 24 Jul 2020 23:22

Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

Tot Ion	Ratio	Resp	Lower	Upper
330	100	183355		
332	97.4	77.6	116.4	
141	37.3	29.0	43.6	

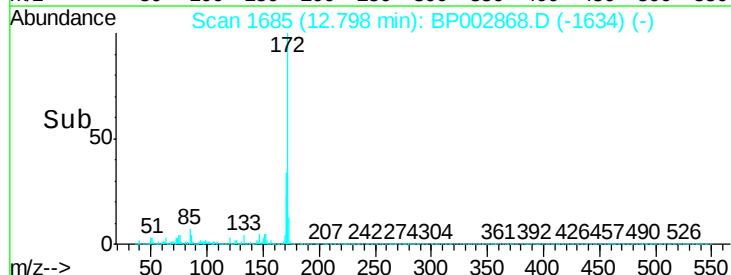
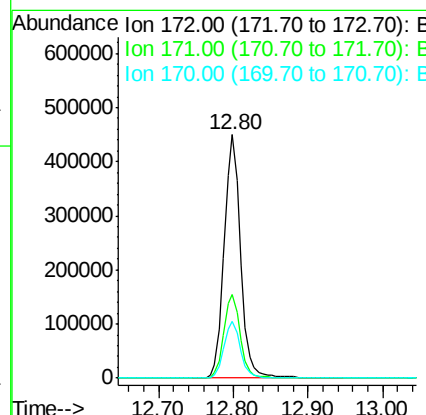
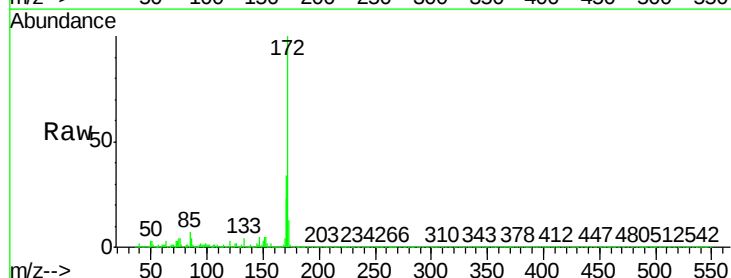
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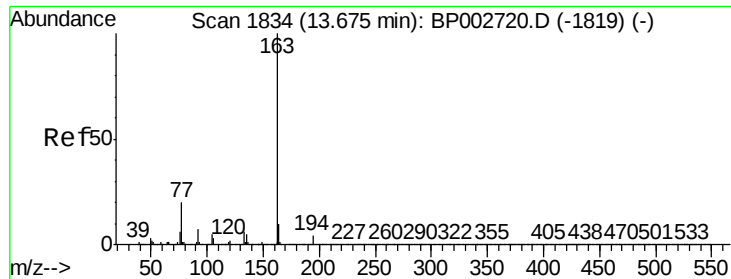
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#45
 2-Fluorobiphenyl
 Concen: 56.696 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BP002868.D
 Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	688309		
171	34.1	27.0	40.4	
170	23.2	19.4	29.2	





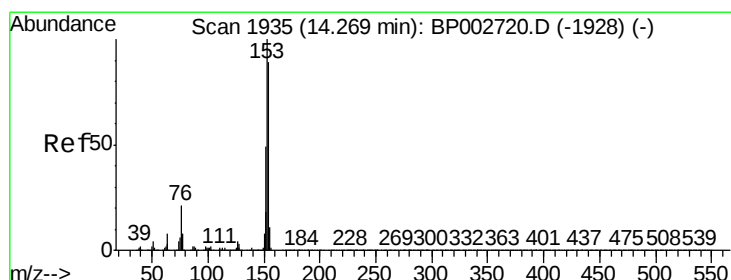
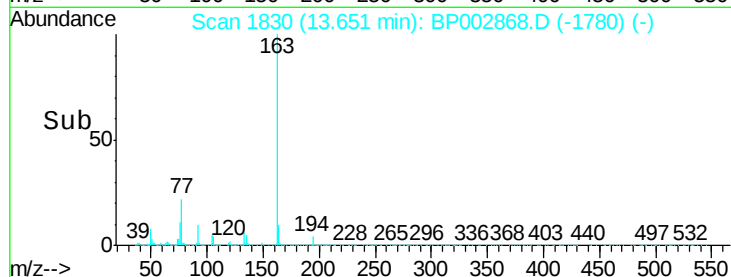
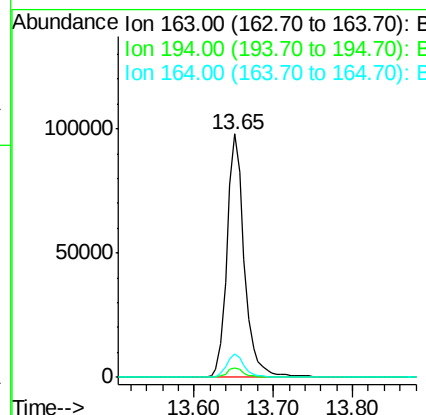
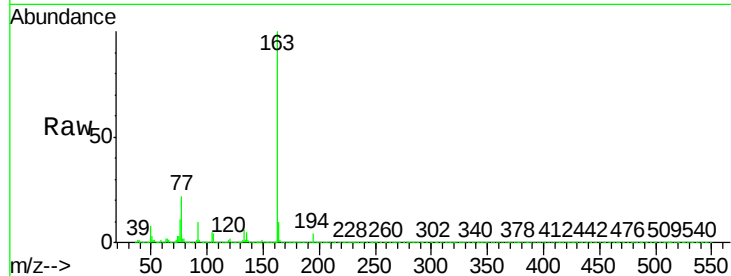
#50
Dimethylphthalate
Concen: 10.326 ng
RT: 13.65 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampled :
CTR-024

Tot Ion	Ratio	Resp	Lower	Upper
163	100	147904		
194	4.0	3.5	5.3	
164	9.7	8.2	12.2	

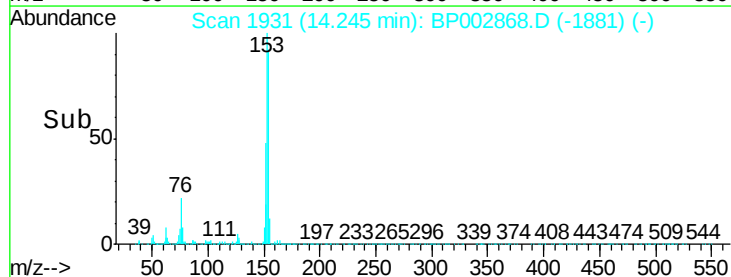
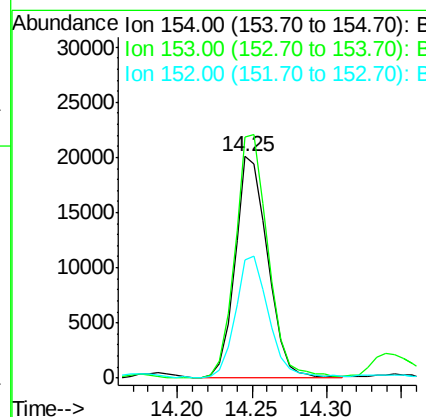
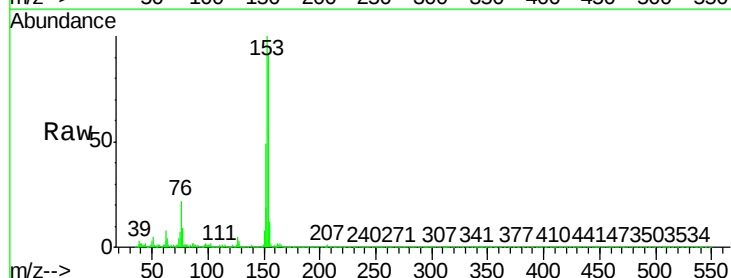
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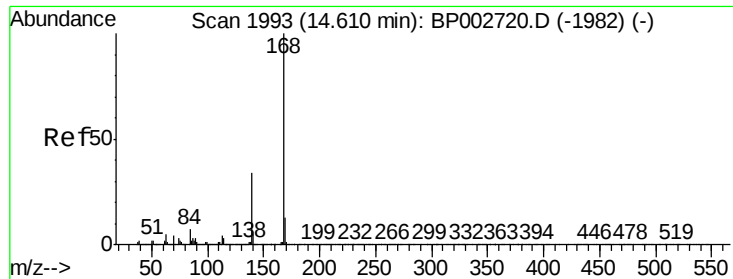
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#52
Acenaphthene
Concen: 2.844 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	30475		
153	109.0	91.9	137.9	
152	53.5	44.1	66.1	





#55

Dibenzenofuran

Concen: 2.486 ng

RT: 14.59 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Instrument :

BNA_P

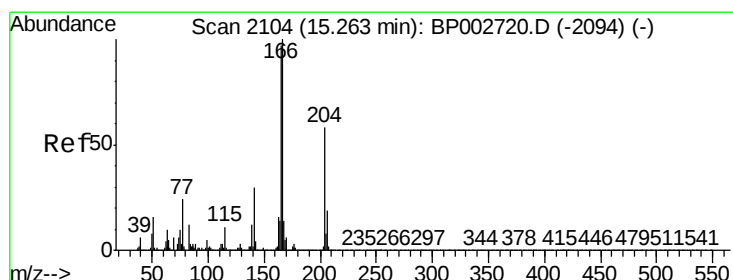
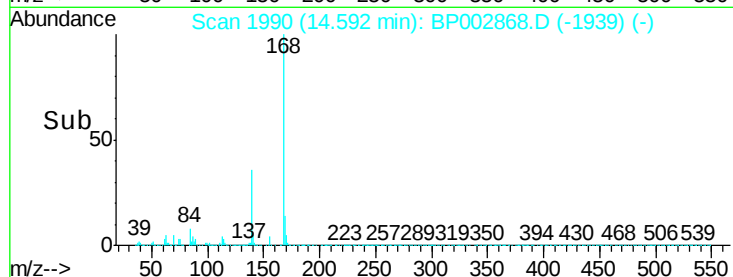
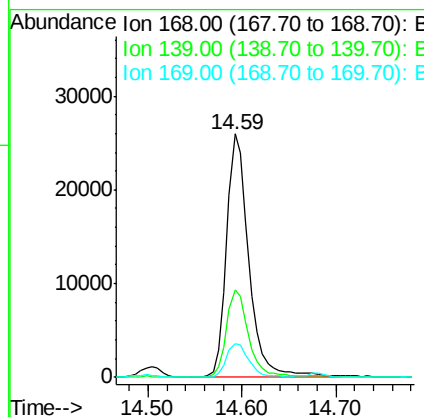
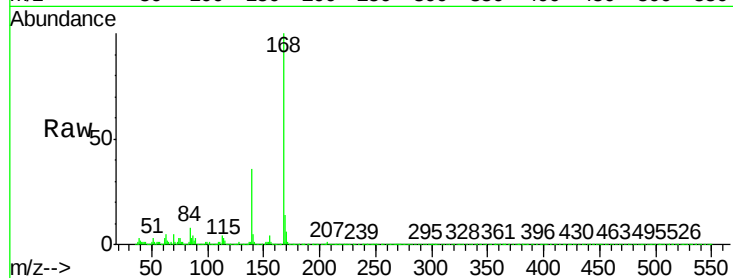
ClientSampleId :

CTR-024

Tot Ion:	168	Resp:	42713
Ion Ratio	Lower	Upper	
168	100		
139	35.7	29.0	43.6
169	13.6	10.9	16.3

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#58

Fluorene

Concen: 3.205 ng

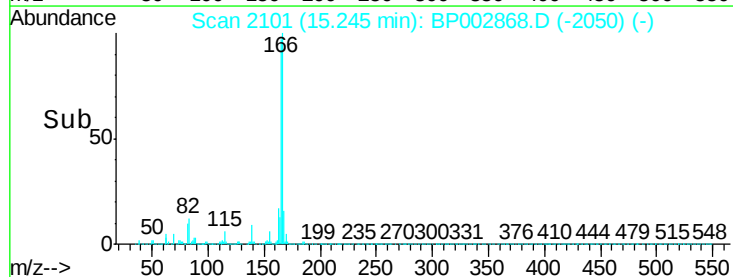
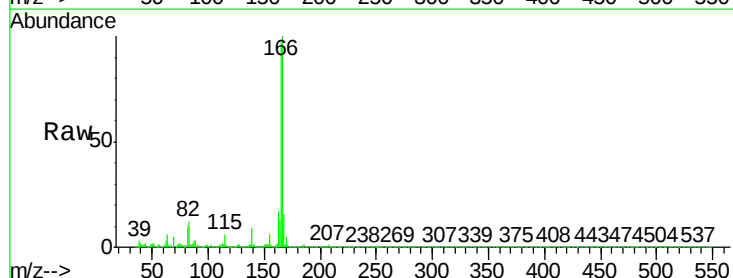
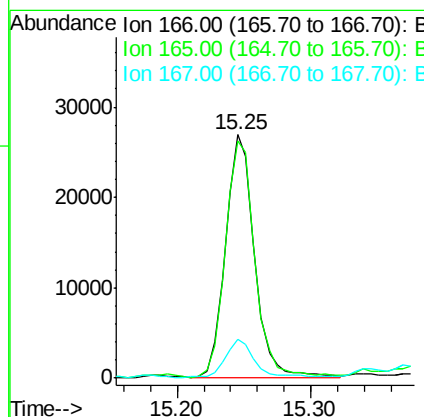
RT: 15.25 min Scan# 2101

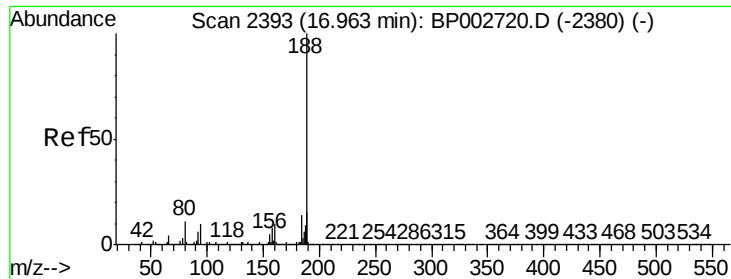
Delta R.T. -0.00 min

Lab File: BP002868.D

Acq: 24 Jul 2020 23:22

Tgt Ion:	166	Resp:	40749
Ion Ratio	Lower	Upper	
166	100		
165	97.3	75.7	113.5
167	15.9	10.8	16.2





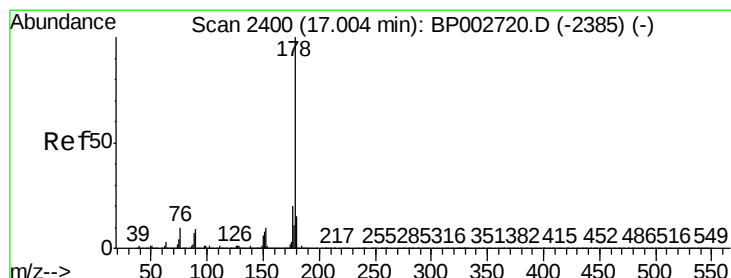
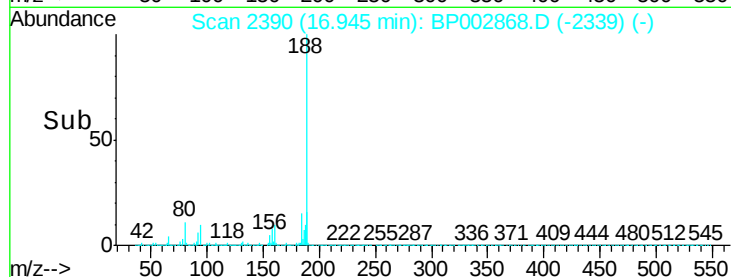
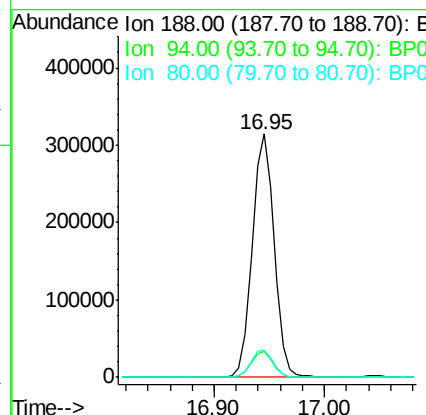
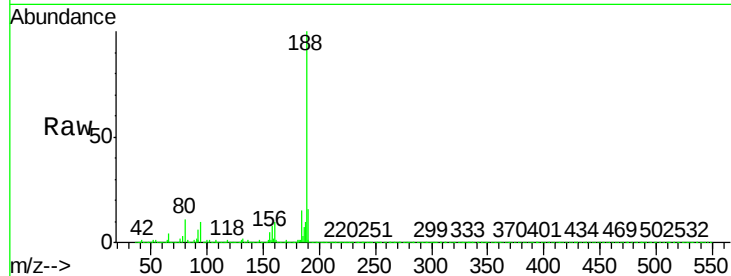
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.0	13.4

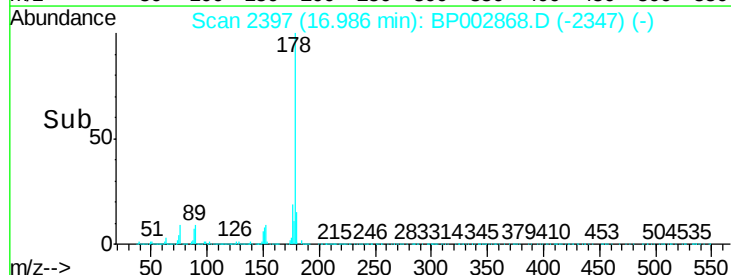
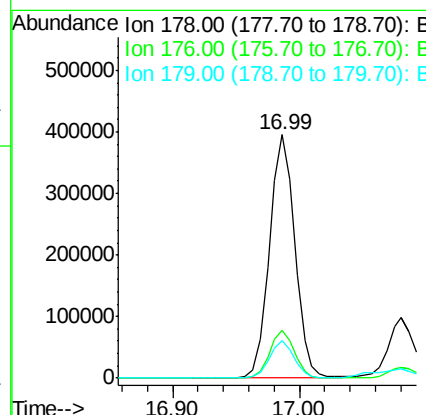
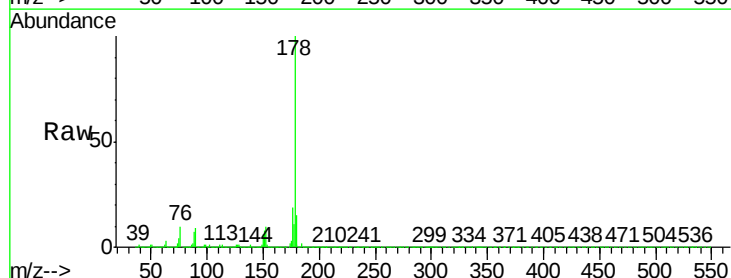
Manual Integrations
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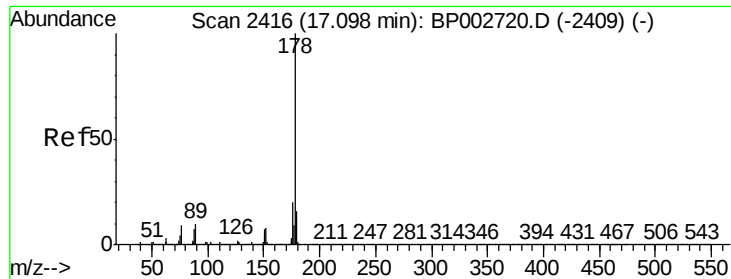
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#71
Phenanthrene
Concen: 23.180 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	11.8	17.6





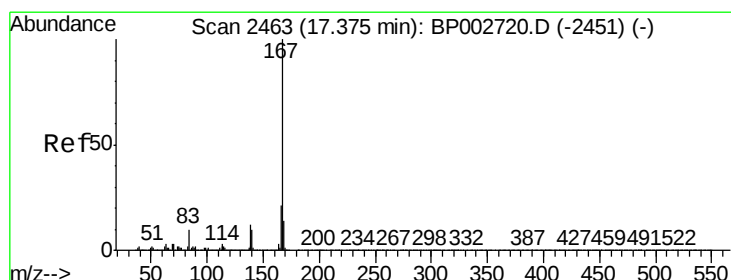
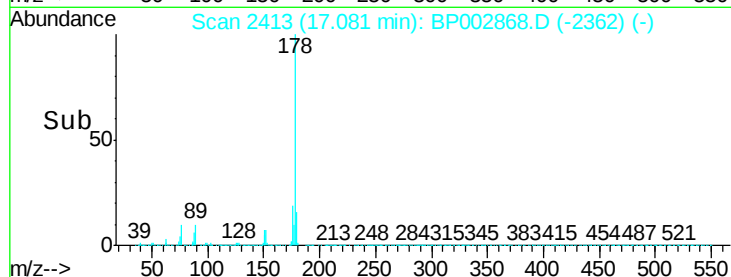
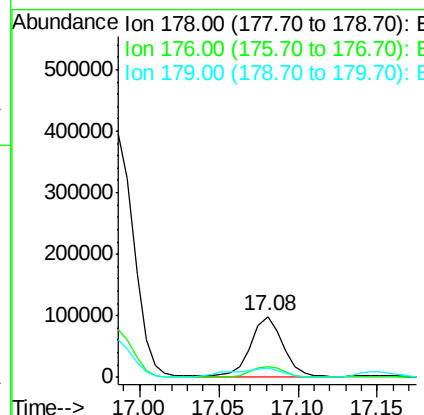
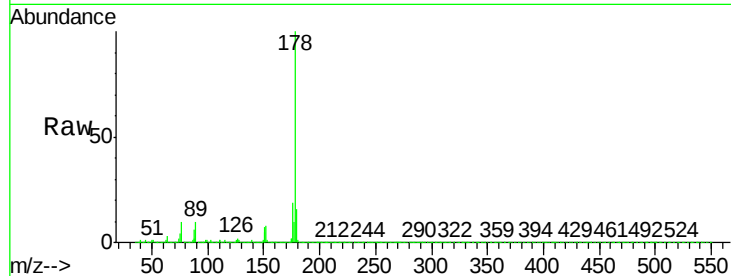
#72
 Anthracene
 Concen: 5.990 ng
 RT: 17.08 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BP002868.D
 Acq: 24 Jul 2020 23:22

Instrument :
 BNA_P
 ClientSampled :
 CTR-024

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.7	12.2	18.2

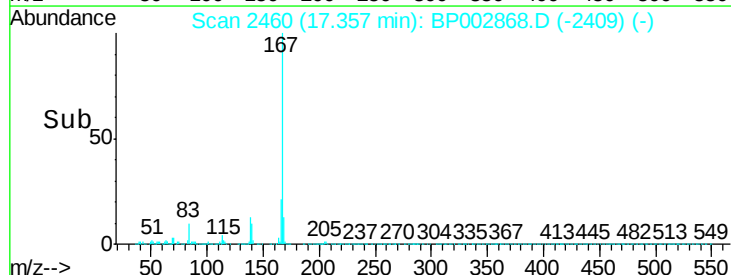
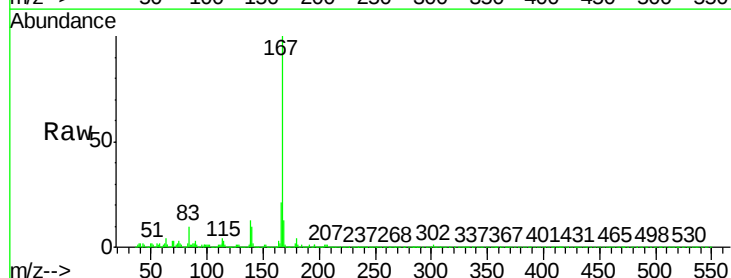
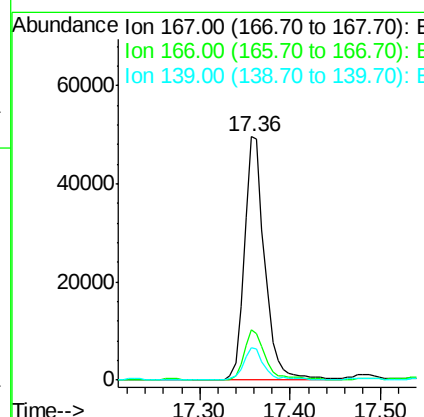
Manual Integrations
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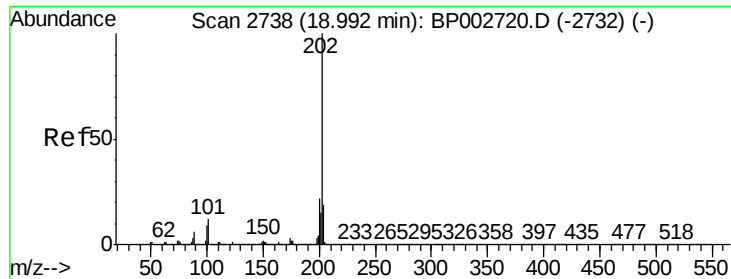
mohammad
 7/27/2020 12:22:20 PM



#73
 Carbazole
 Concen: 3.407 ng
 RT: 17.36 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BP002868.D
 Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.8	25.2
139	13.4	9.8	14.8





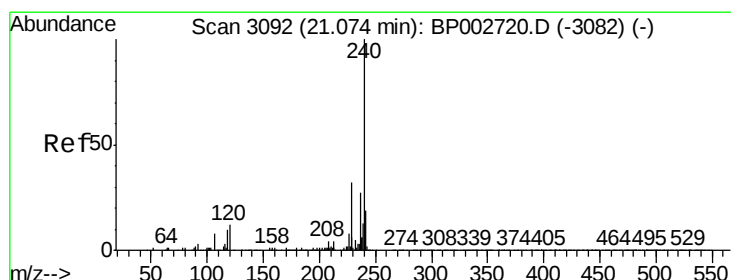
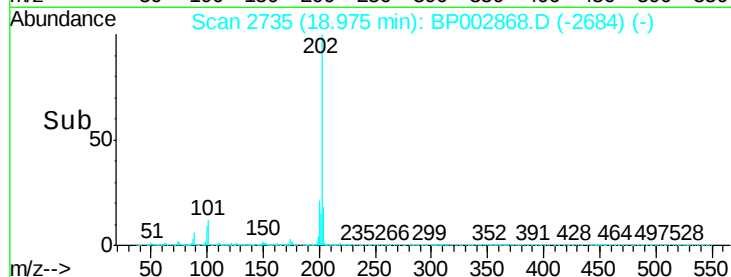
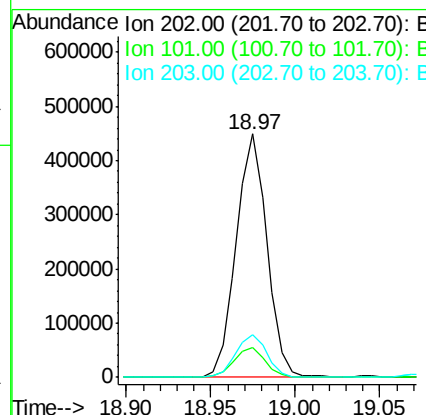
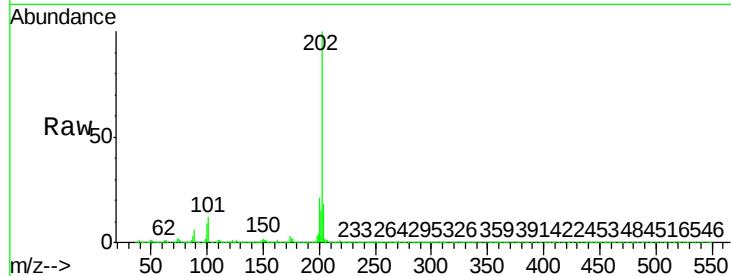
#75
Fluoranthene
Concen: 20.747 ng
RT: 18.97 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	33.0
203	17.7	0.0	38.1

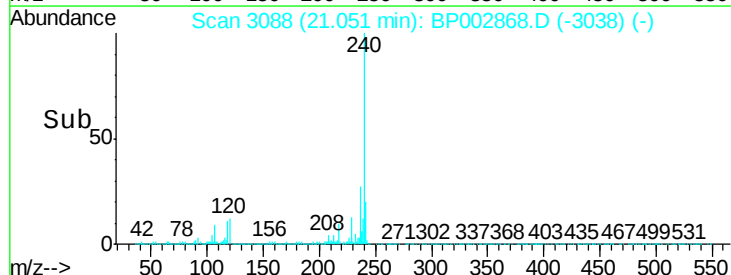
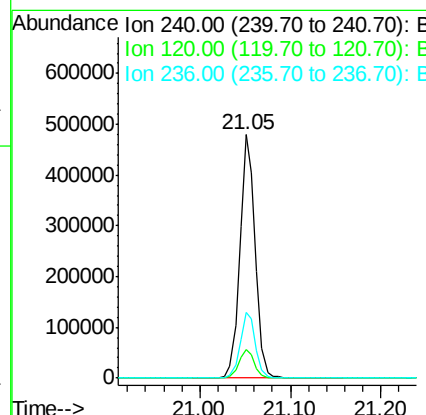
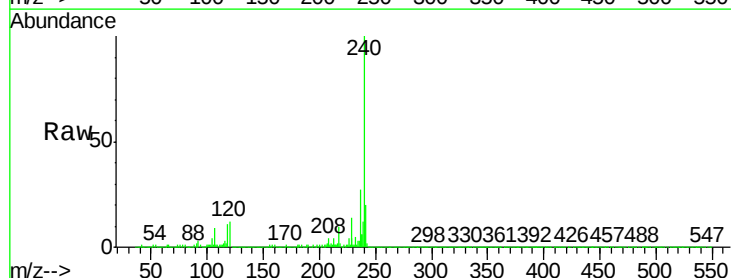
Manual Integrations
APPROVED

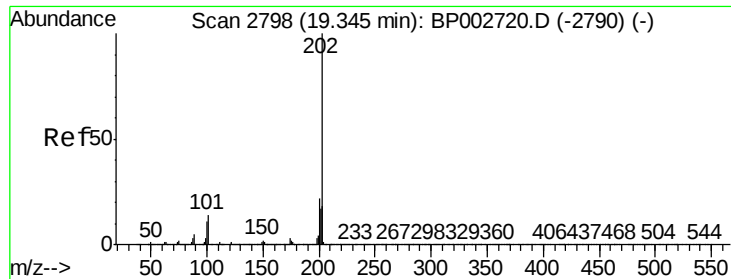
mohammad
7/27/2020 12:22:20 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	9.2	13.8
236	27.2	20.3	30.5





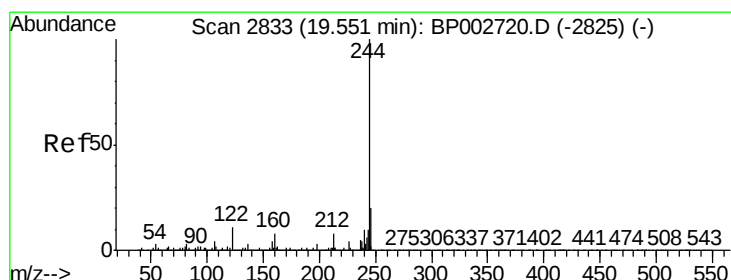
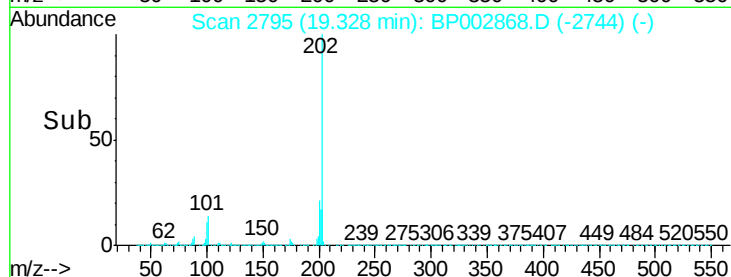
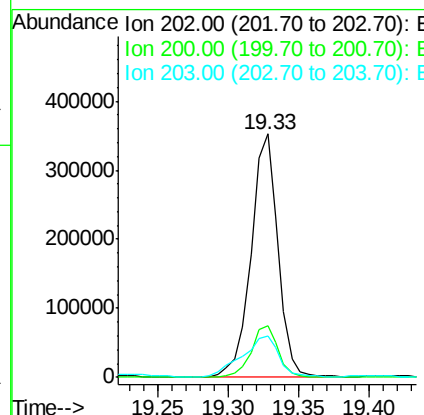
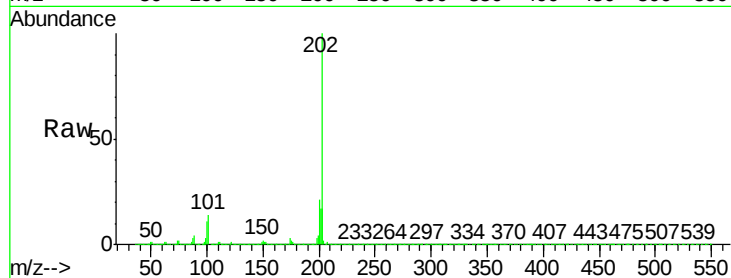
#78
Pvrene
Concen: 12.035 ng
RT: 19.33 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.1	13.8	20.8

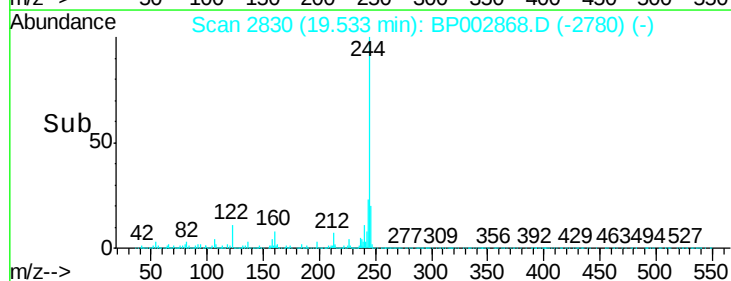
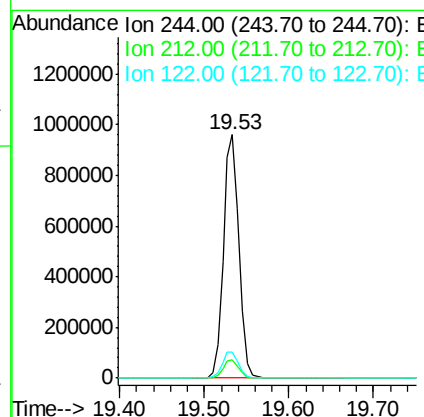
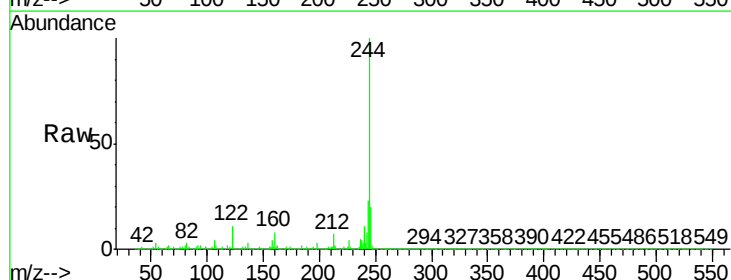
Manual Integrations
APPROVED

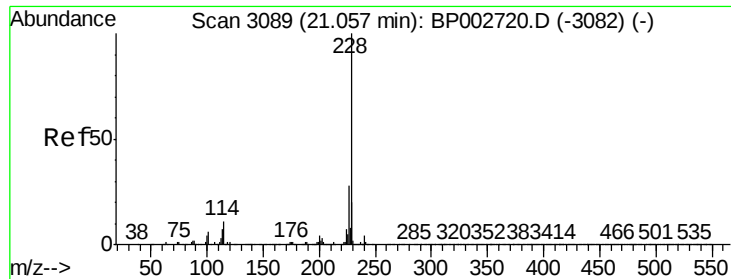
mohammad
7/27/2020 12:22:20 PM



#79
Terphenyl-d14
Concen: 49.569 ng
RT: 19.53 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.9	7.9	11.9





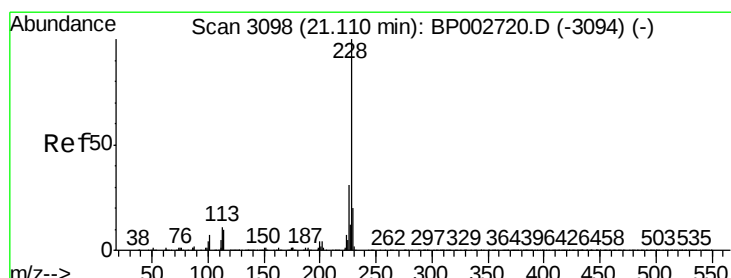
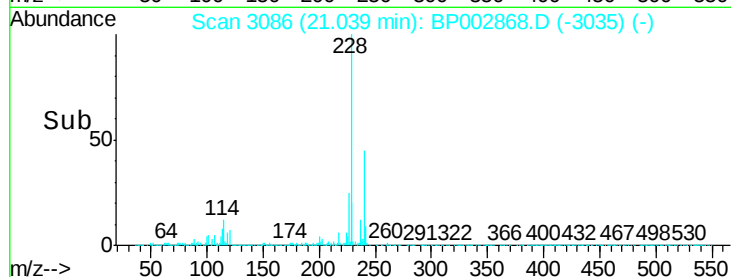
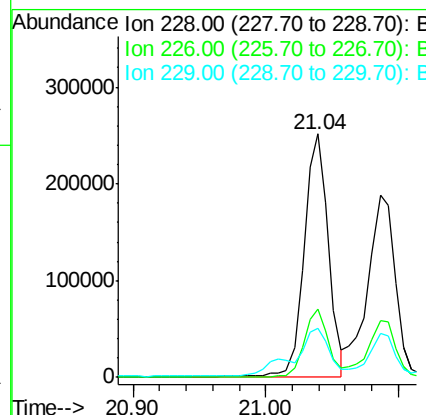
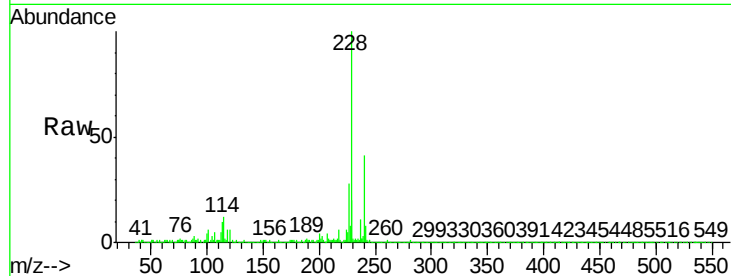
#81
Benzo(a)anthracene
Concen: 8.696 ng m
RT: 21.04 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.2	15.8	23.6

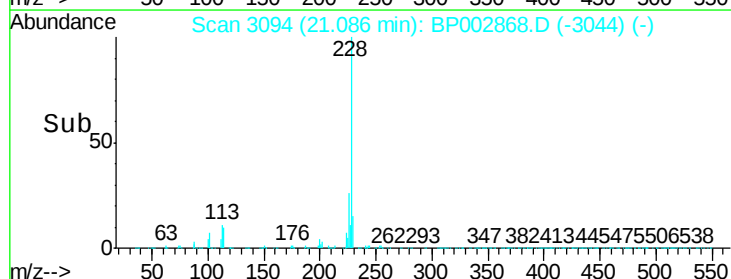
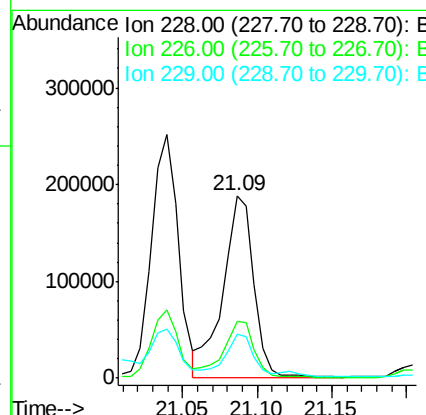
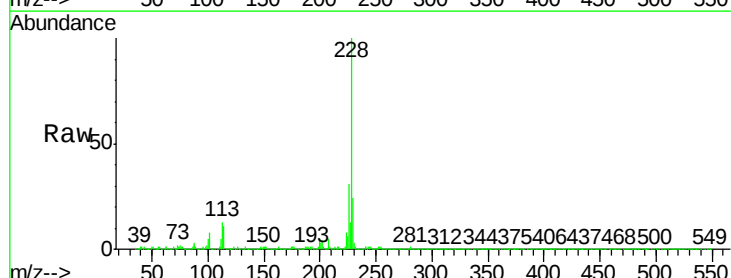
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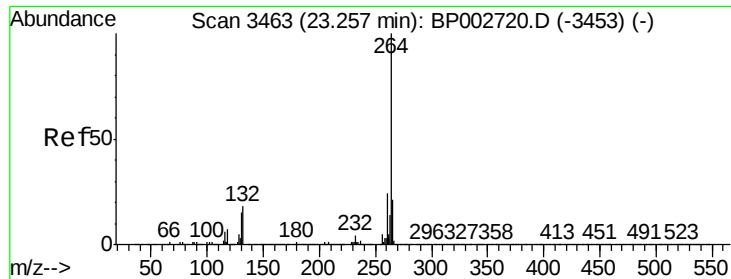
mohammad
7/27/2020 12:22:20 PM



#83
Chrysene
Concen: 7.703 ng m
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	24.3	15.2	22.8#





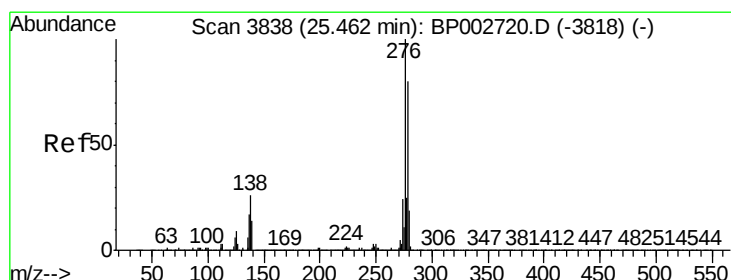
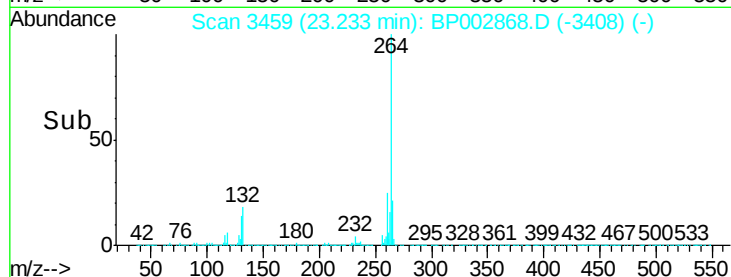
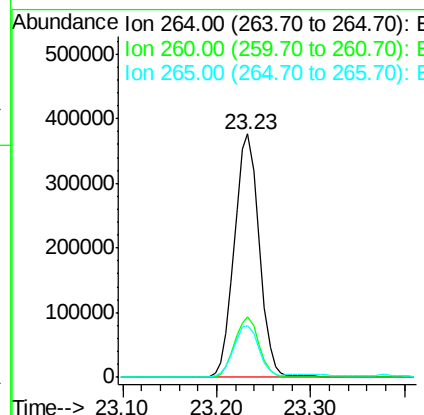
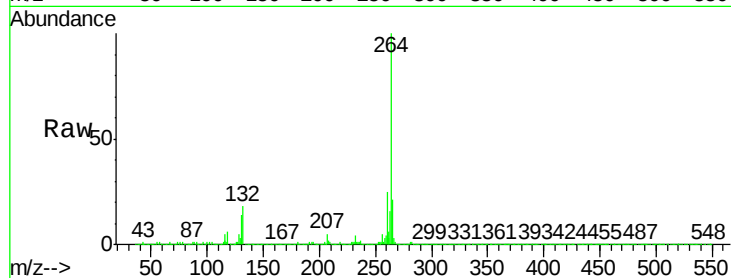
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.23 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampled :
CTR-024

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.1	16.7	25.1

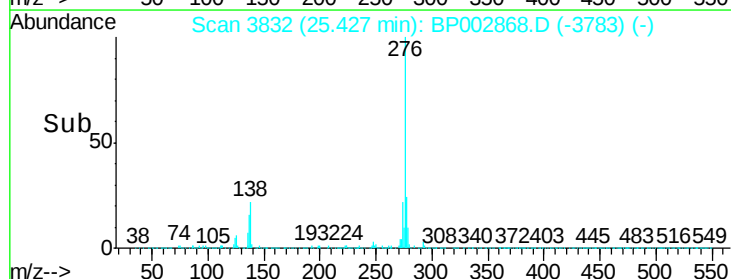
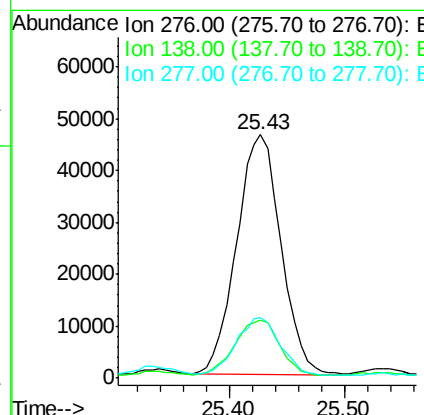
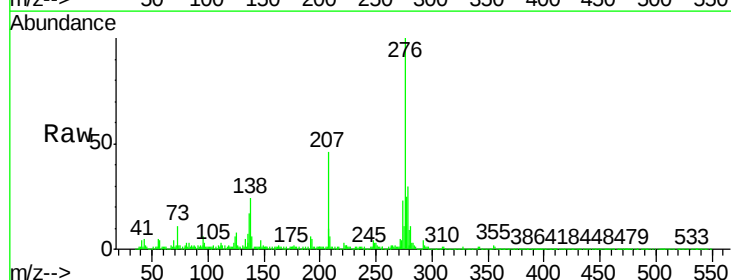
Manual Integrations
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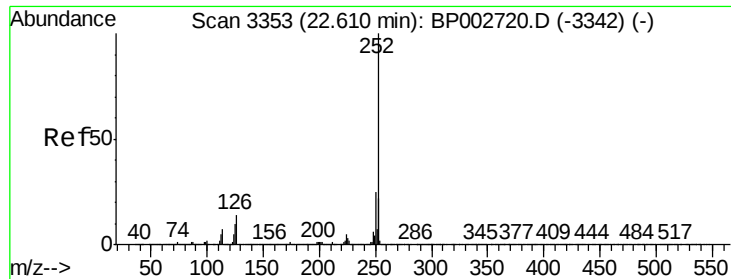
mohammad
7/27/2020 12:22:20 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.475 ng
RT: 25.43 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.5	30.7
277	24.3	20.1	30.1





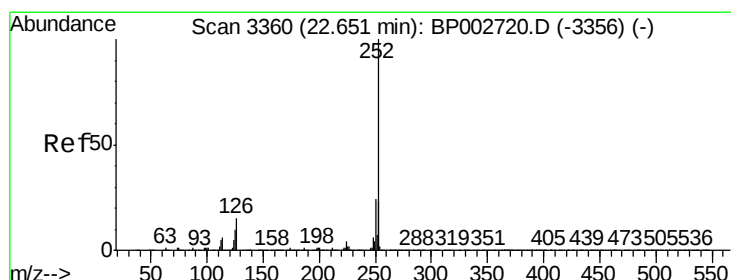
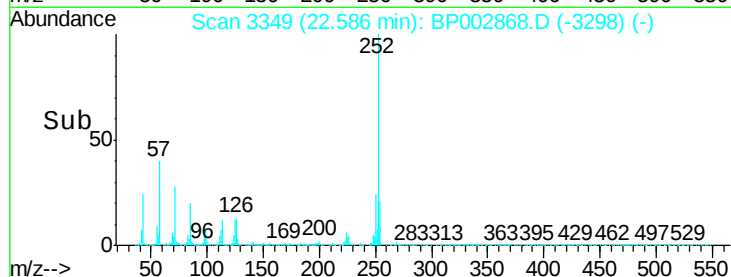
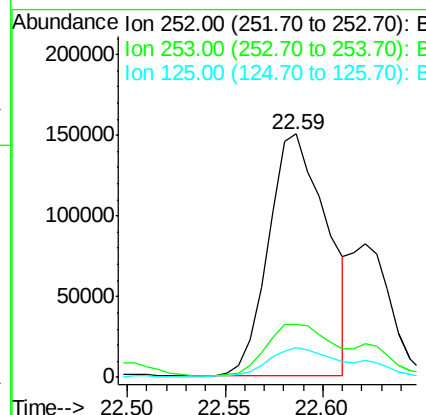
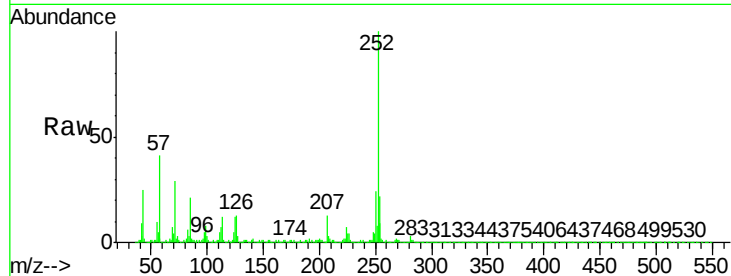
#88
Benzo(b)fluoranthene
Concen: 7.268 ng m
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	12.1	8.3	12.5

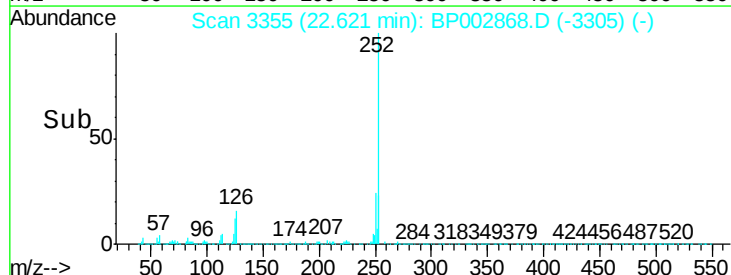
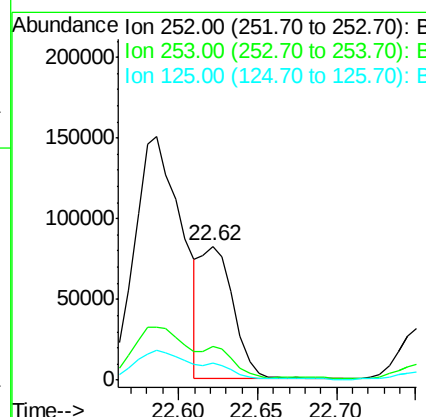
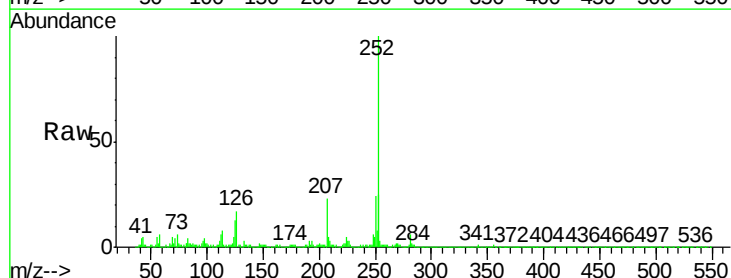
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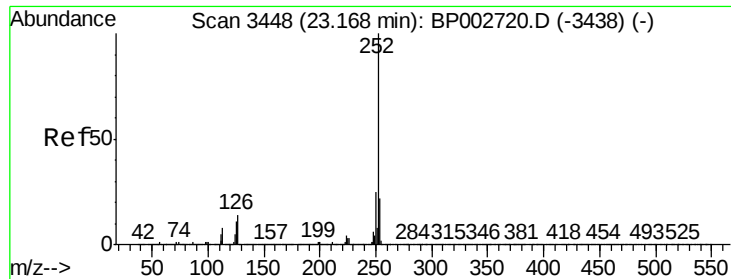
mohammad
7/27/2020 12:22:20 PM



#89
Benzo(k)fluoranthene
Concen: 2.770 ng m
RT: 22.62 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	12.9	8.0	12.0#





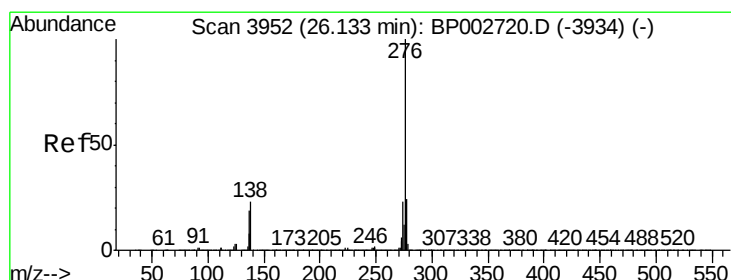
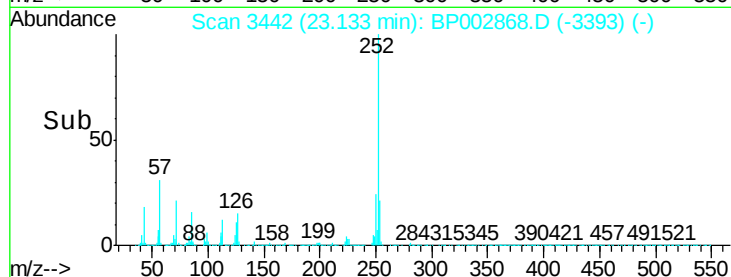
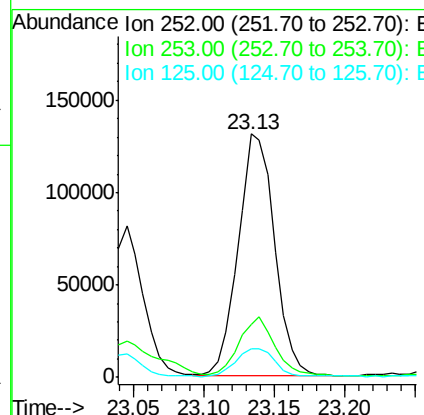
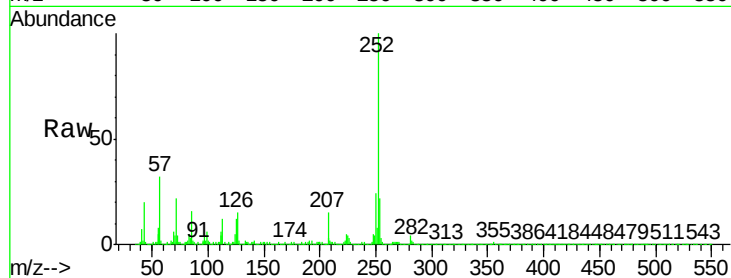
#90
Benzo(a)pyrene
Concen: 5.850 ng
RT: 23.13 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.7	8.9	13.3

Manual Integrations
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mohammad
7/27/2020 12:22:20 PM



#92
Benzo(g,h,i)perylene
Concen: 2.489 ng
RT: 26.10 min Scan# 3946
Delta R.T. -0.01 min
Lab File: BP002868.D
Acq: 24 Jul 2020 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.2	19.0	28.4
138	21.7	18.2	27.4

