

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002815.D
 Acq On : 21 Jul 2020 15:46
 Operator : CG/JU
 Sample : L3360-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1A

Manual Integrations
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Quant Time: Jul 21 16:37:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	134481	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	488906	20.00	ng	-0.01
39) Acenaphthene-d10	14.19	164	267853	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	561178	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	613029	20.00	ng	0.00
86) Perylene-d12	23.26	264	710986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	296140	37.15	ng	0.00
7) Phenol-d6	6.75	99	741502	65.18	ng	0.00
23) Nitrobenzene-d5	8.69	82	568269	62.17	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	88494	31.65	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1112817	64.27	ng	-0.01
79) Terphenyl-d14	19.55	244	1477099	55.24	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.66	163	195413	9.566	ng	Qvalue 99
71) Phenanthrene	17.00	178	676150	22.253	ng	99
72) Anthracene	17.09	178	177073	5.939	ng	98
73) Carbazole	17.37	167	117718	4.023	ng	99
75) Fluoranthene	18.99	202	2045876	58.110	ng	97
78) Pyrene	19.34	202	1833127	43.310	ng	100
81) Benzo(a)anthracene	21.06	228	1145919	28.877	ng	99
83) Chrysene	21.10	228	1080226	28.597	ng	96
87) Indeno(1,2,3-cd)pyrene	25.46	276	665973	12.960	ng	# 93
88) Benzo(b)fluoranthene	22.60	252	1383698	31.342	ng	97
89) Benzo(k)fluoranthene	22.64	252	461590m	10.615	ng	
90) Benzo(a)pyrene	23.16	252	973882	23.279	ng	97
91) Dibenzo(a,h)anthracene	25.46	278	177735	4.289	ng	# 77
92) Benzo(a,h,i)perylene	26.13	276	657575	15.650	ng	95

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

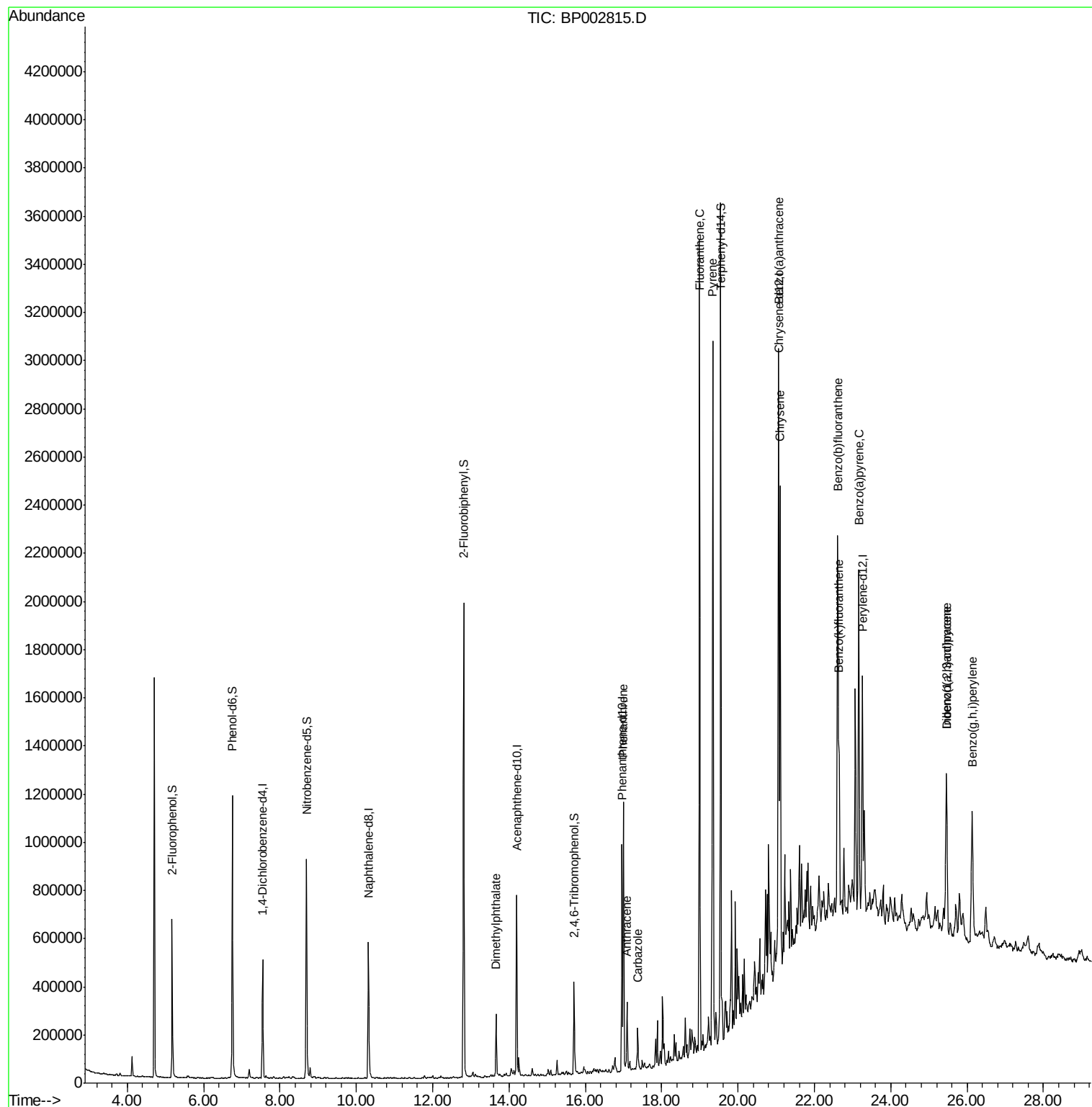
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002815.D
Acq On : 21 Jul 2020 15:46
Operator : CG/JU
Sample : L3360-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

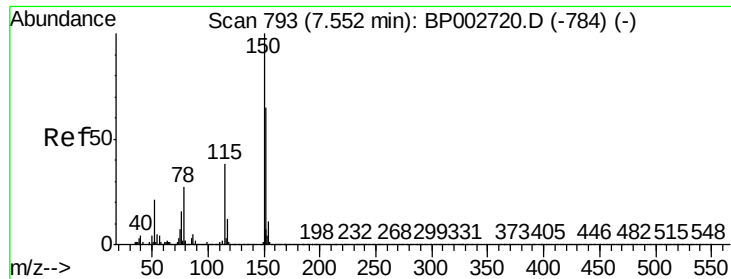
Instrument :
BNA_P
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SP-1A

Quant Time: Jul 21 16:37:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
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#1

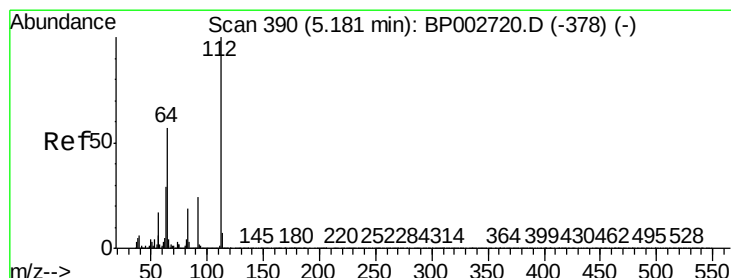
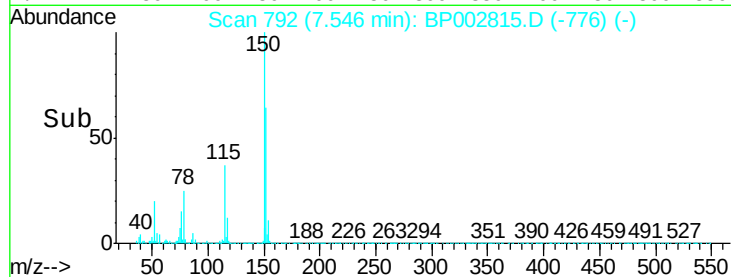
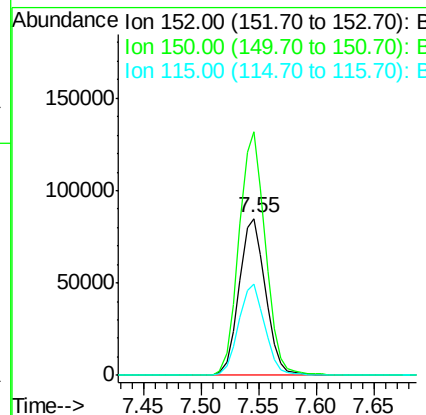
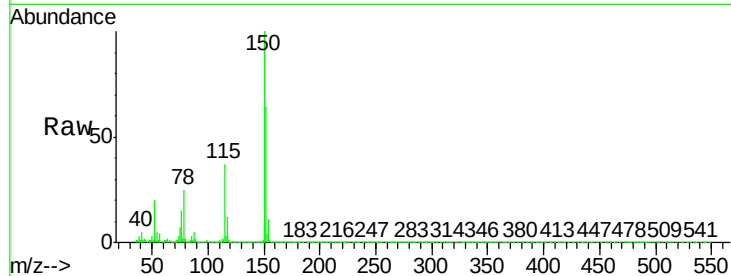
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Instrument :
BNA_P
ClientSampleId :
SP-1A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	57.9	47.2	70.8

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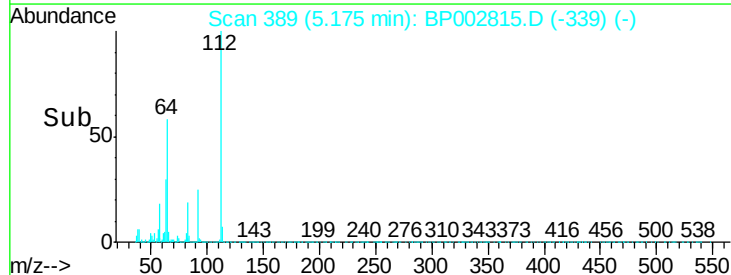
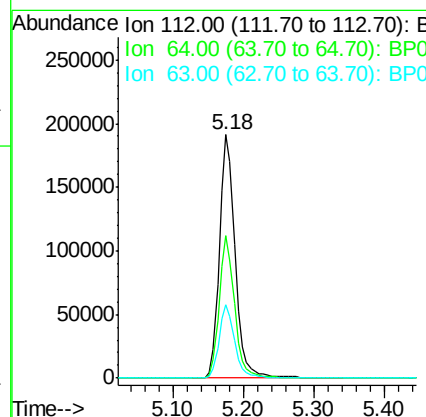
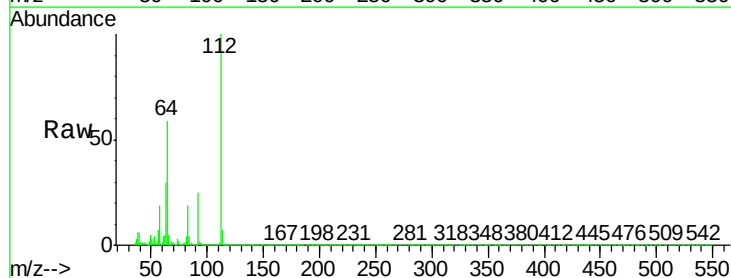
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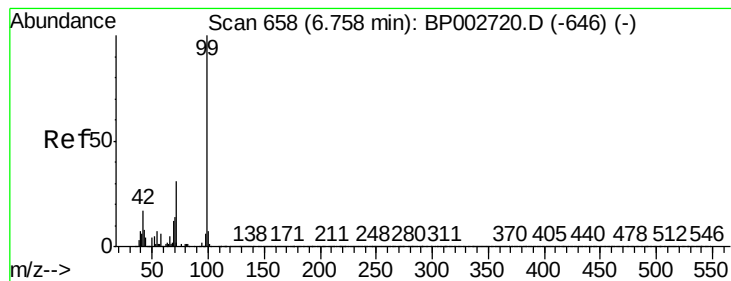


#5

2-Fluorophenol
Concen: 37.153 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.6	68.4
63	29.9	23.5	35.3





#7

Phenol-d6

Concen: 65.184 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002815.D

Acq: 21 Jul 2020 15:46

Instrument :

BNA_P

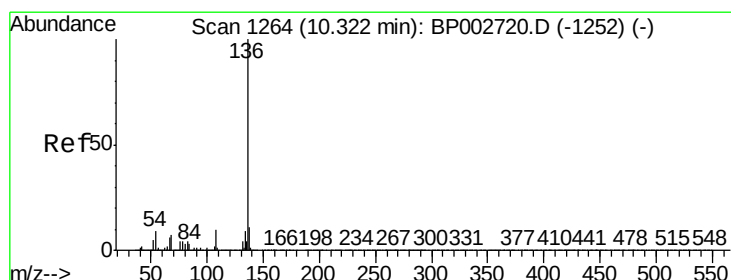
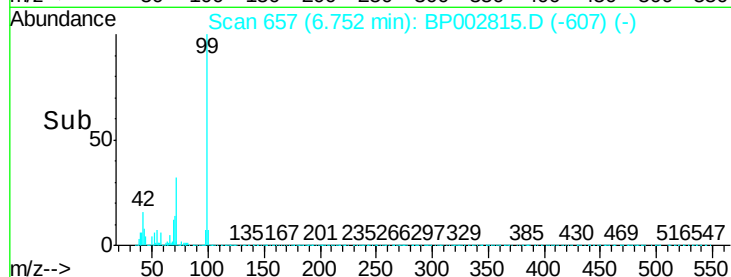
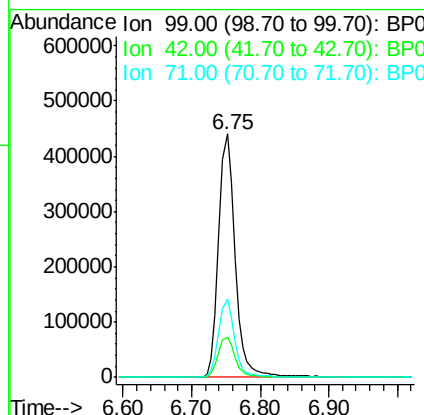
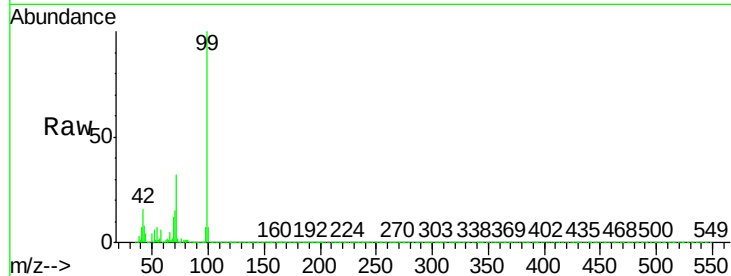
ClientSampled :

SP-1A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		741502		
42	16.5	13.4	20.2		
71	32.1	24.6	36.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

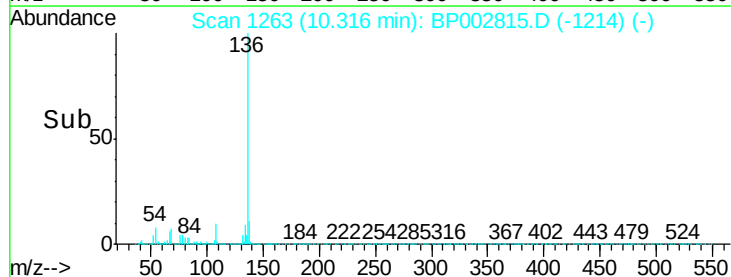
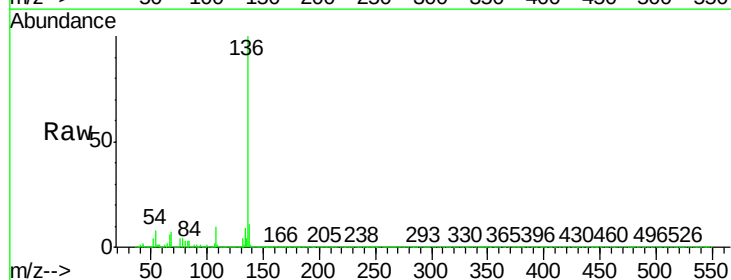
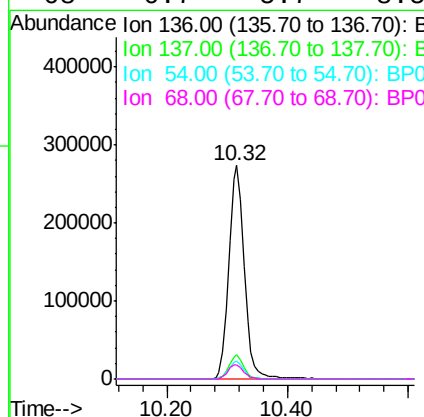
RT: 10.32 min Scan# 1263

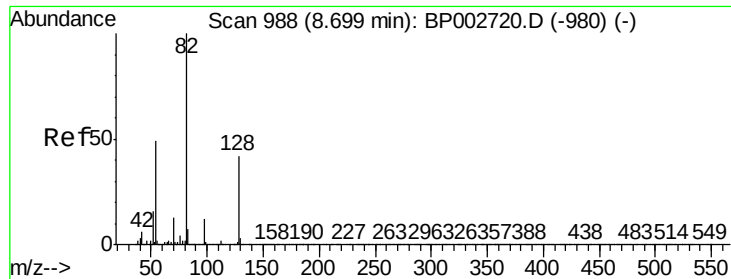
Delta R.T. -0.01 min

Lab File: BP002815.D

Acq: 21 Jul 2020 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		488906		
137	11.4	8.6	13.0		
54	8.3	6.9	10.3		
68	6.7	5.7	8.5		





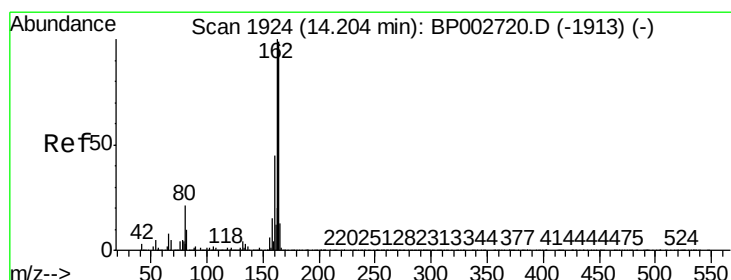
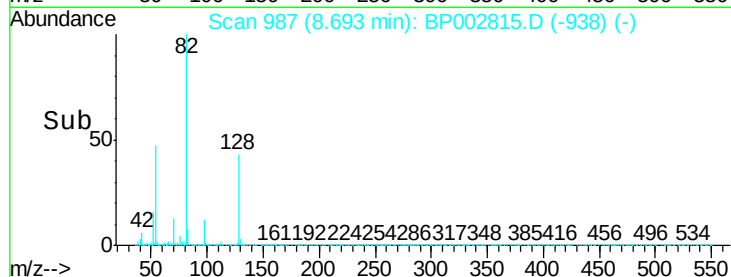
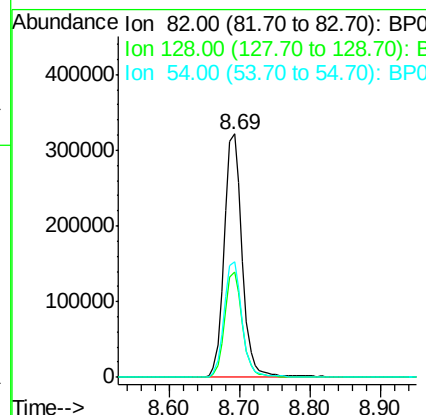
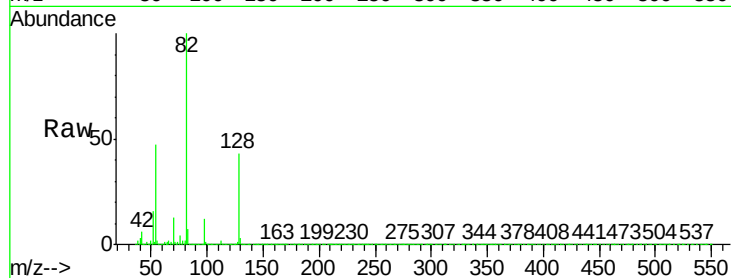
#23
Nitrobenzene-d5
Concen: 62.165 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Instrument :
BNA_P
ClientSampleId :
SP-1A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.8	50.8
54	47.5	38.8	58.2

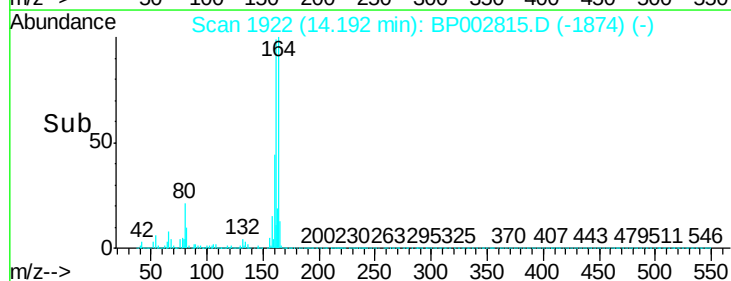
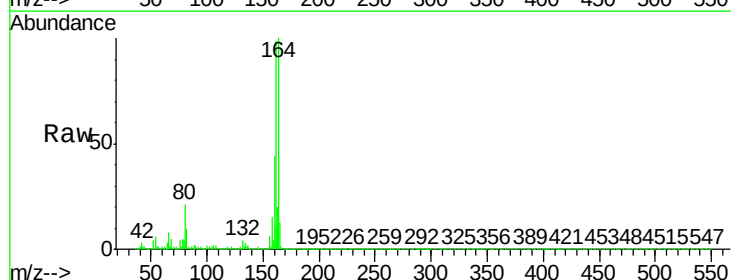
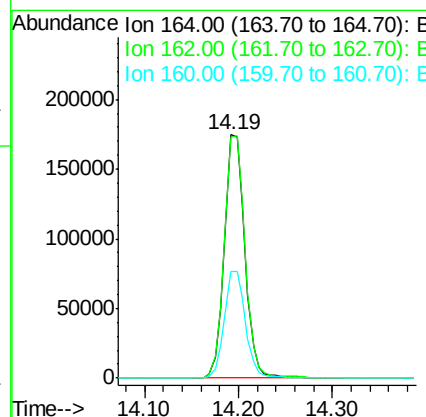
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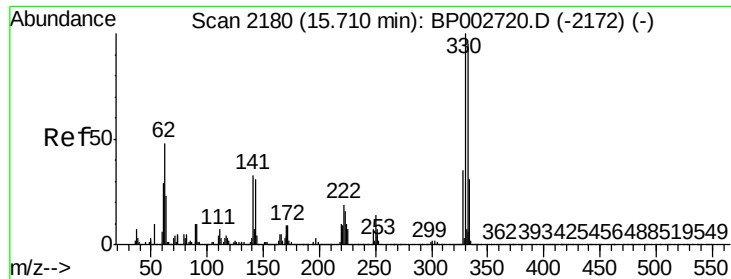
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	121.0
160	43.9	36.4	54.6





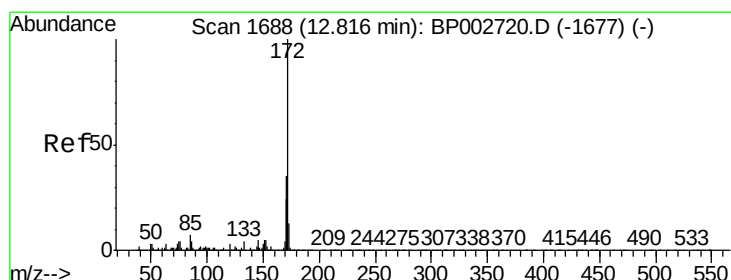
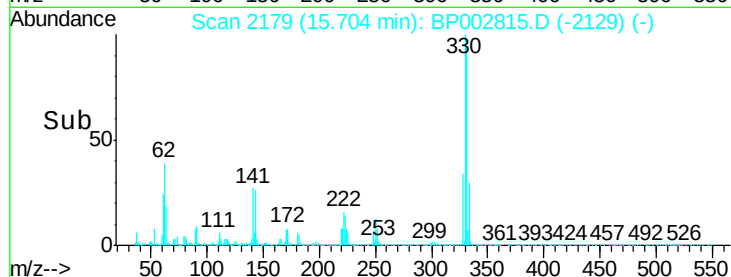
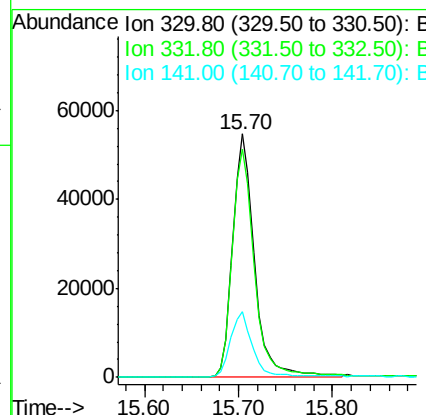
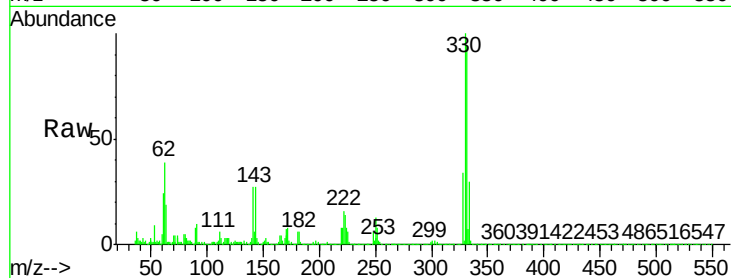
#42
2,4,6-Tribromophenol
Concen: 31.651 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Instrument :
BNA_P
ClientSampleId :
SP-1A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.5	114.7
141	27.2	28.8	43.2

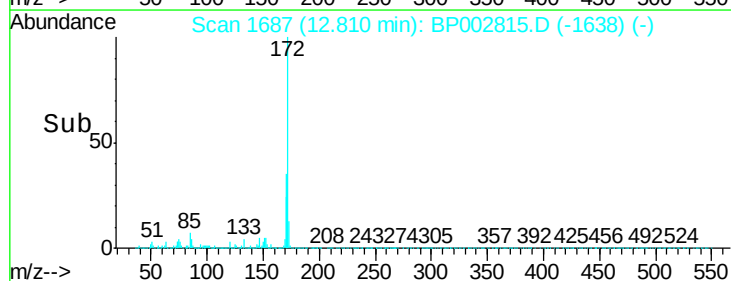
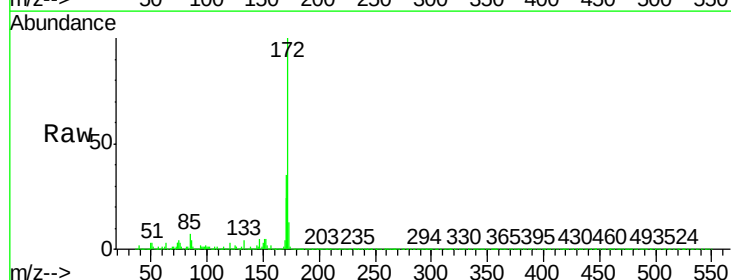
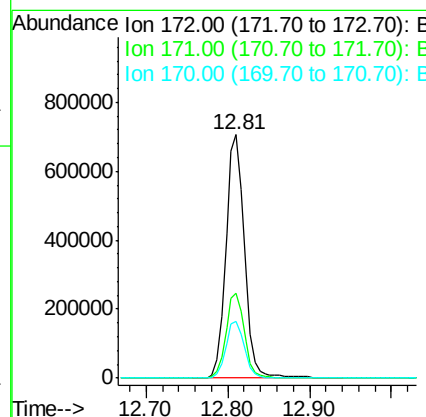
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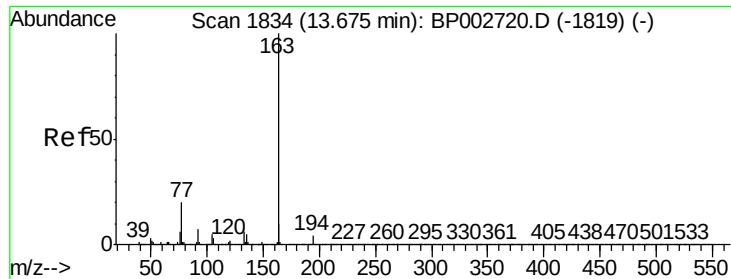
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#45
2-Fluorobiphenyl
Concen: 64.270 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.5	19.3	28.9





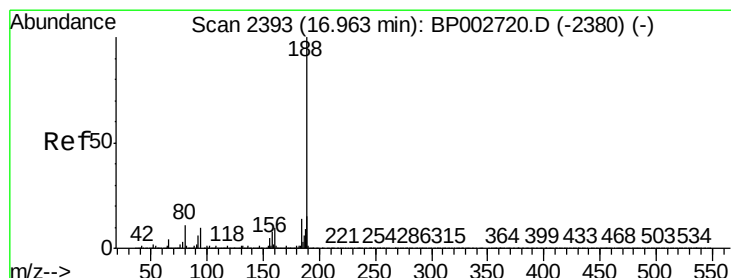
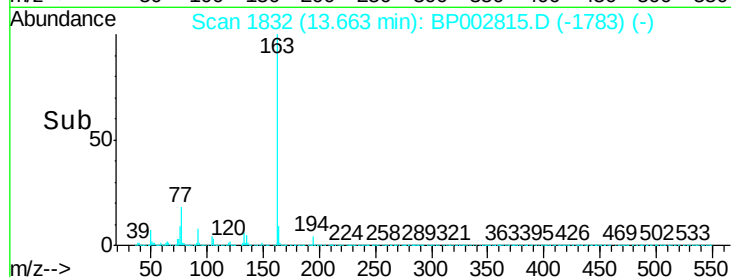
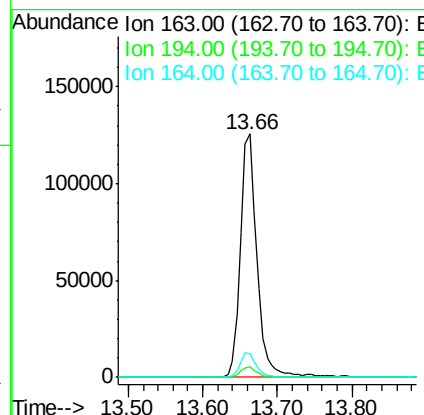
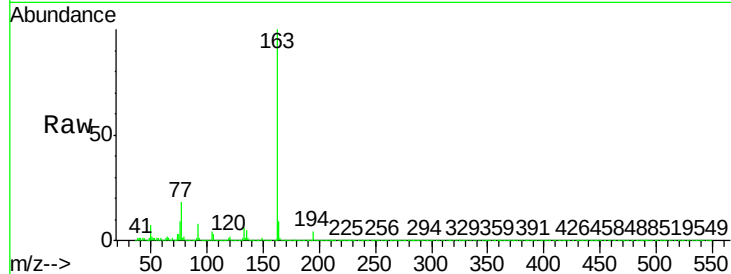
#50
Dimethylphthalate
Concen: 9.566 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Instrument :
BNA_P
ClientSampleId :
SP-1A

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.4	7.8	11.8

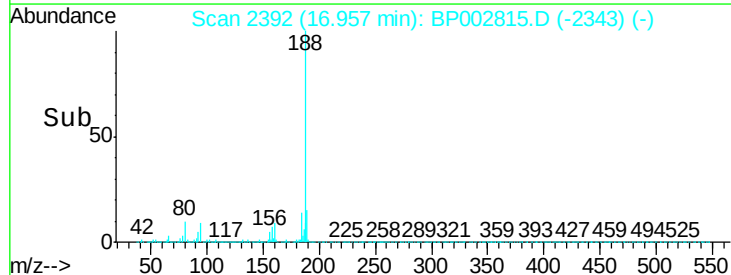
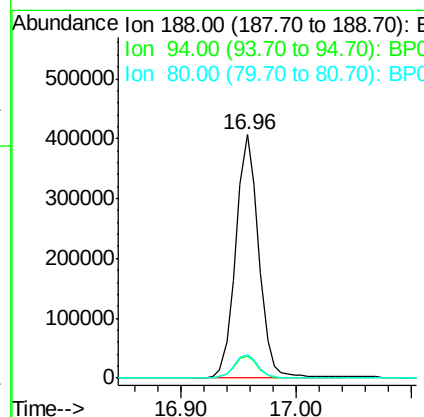
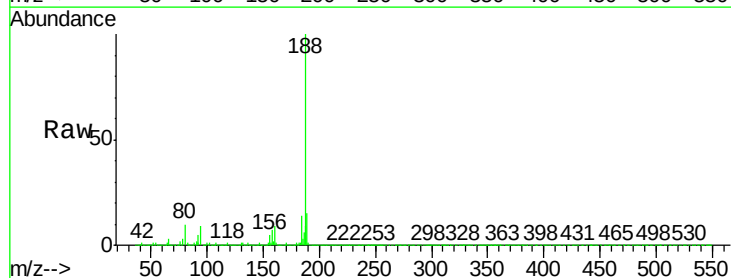
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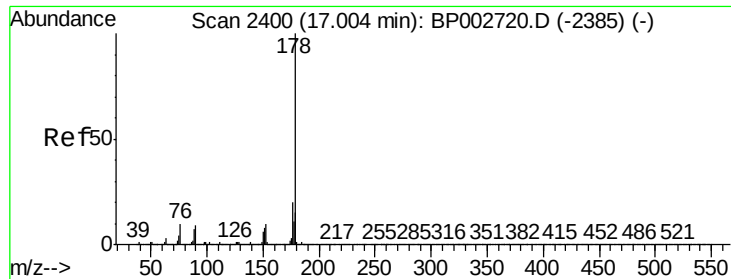
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	8.1	12.1
80	9.8	8.9	13.3





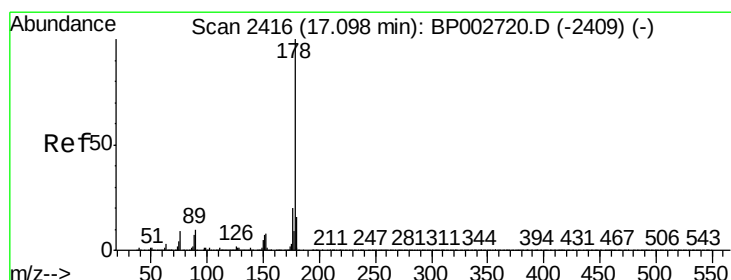
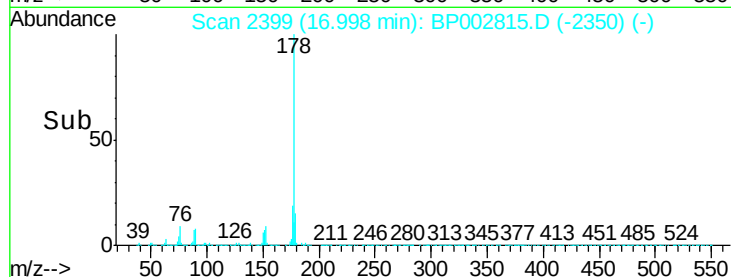
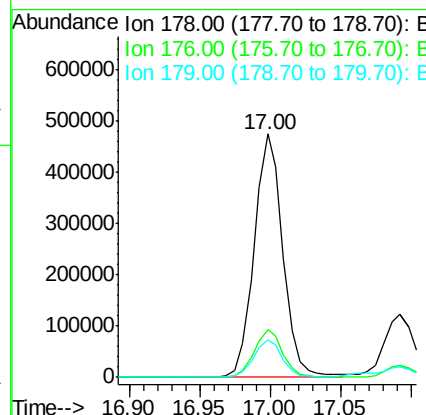
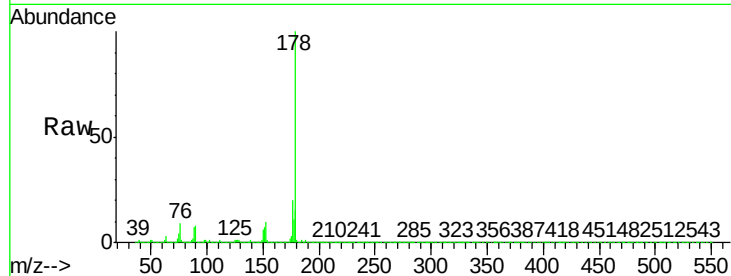
#71
Phenanthrene
Concen: 22.253 ng
RT: 17.00 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Instrument :
BNA_P
ClientSampleId :
SP-1A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.4	12.3	18.5

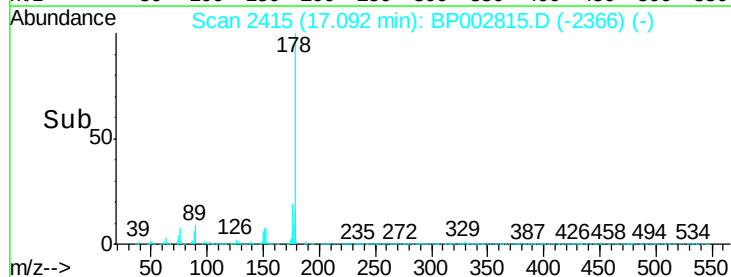
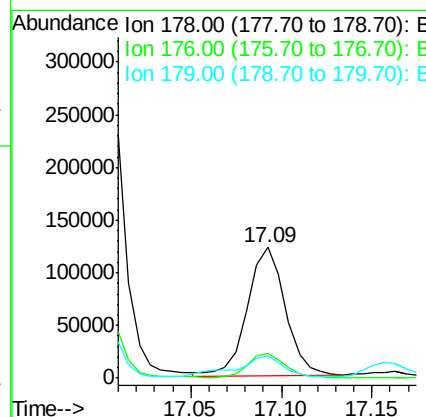
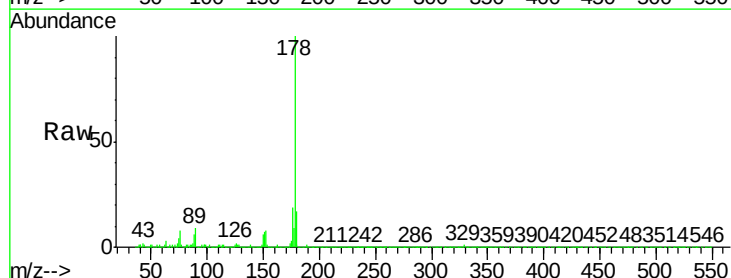
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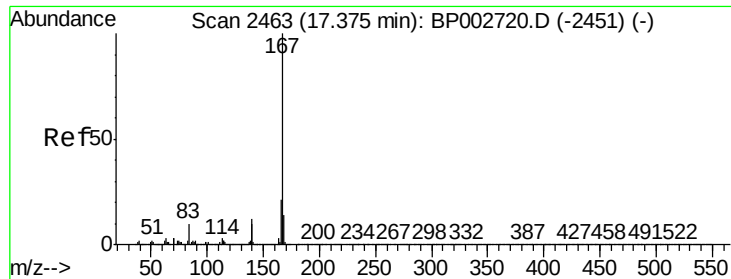
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#72
Anthracene
Concen: 5.939 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	16.6	12.6	19.0





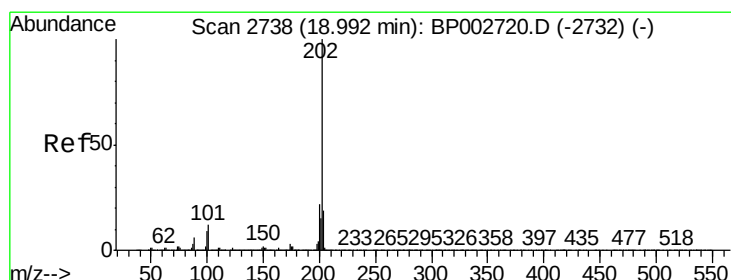
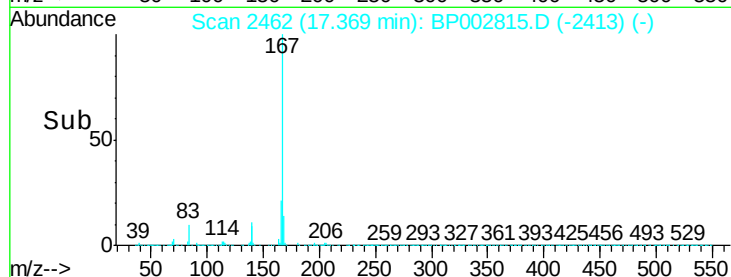
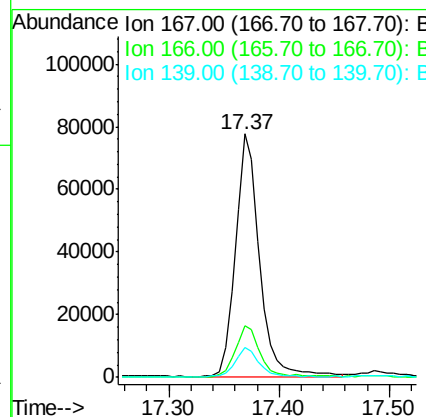
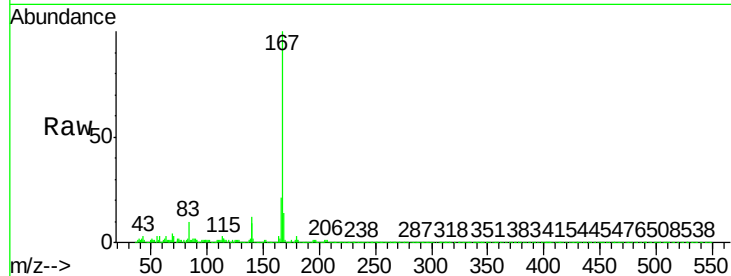
#73
 Carbazole
 Concen: 4.023 ng
 RT: 17.37 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BP002815.D
 Acq: 21 Jul 2020 15:46

Instrument :
 BNA_P
 ClientSampled :
 SP-1A

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.2	9.6	14.4

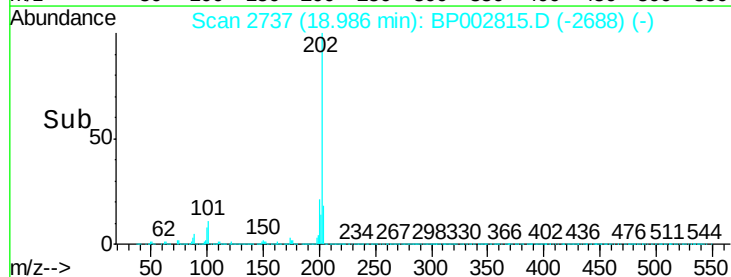
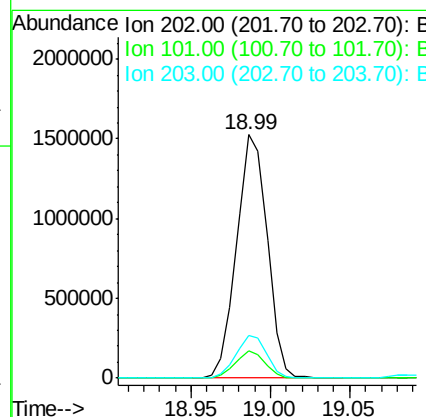
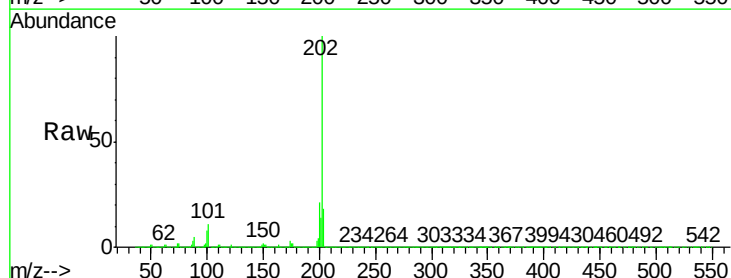
Manual Integrations
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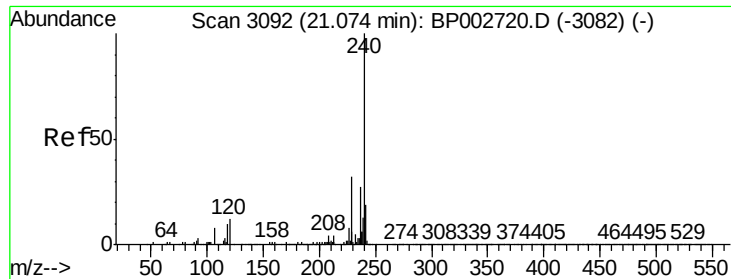
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#75
 Fluoranthene
 Concen: 58.110 ng
 RT: 18.99 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BP002815.D
 Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.5
203	17.6	0.0	38.6





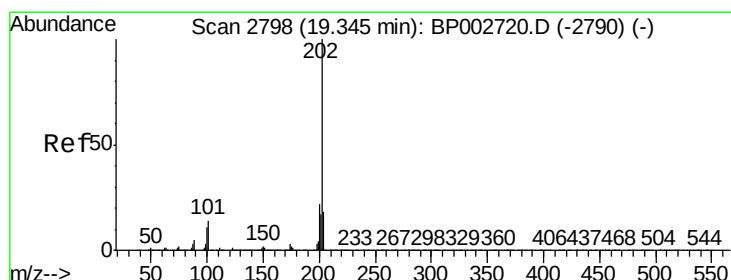
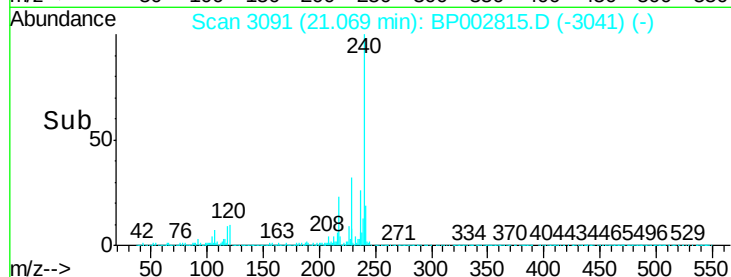
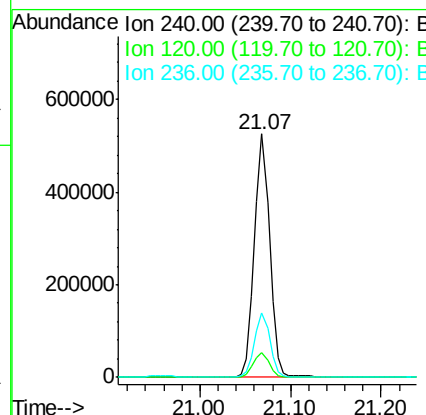
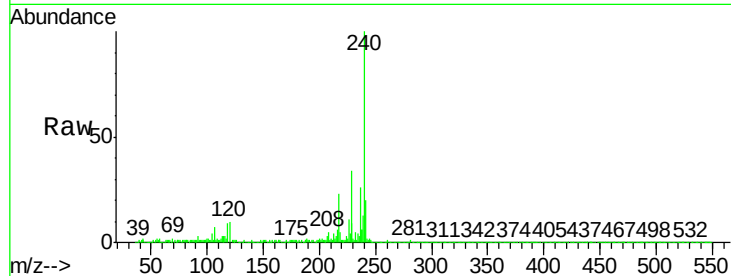
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Instrument :
BNA_P
ClientSampleId :
SP-1A

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.4	14.2
236	26.5	21.3	31.9

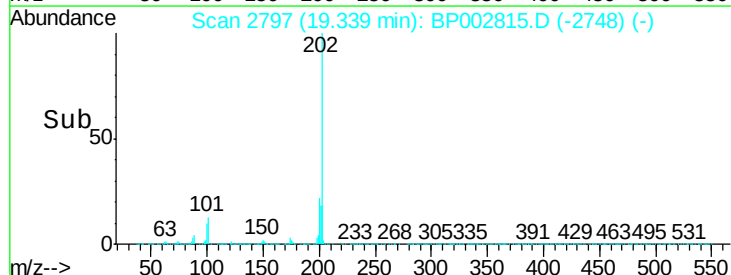
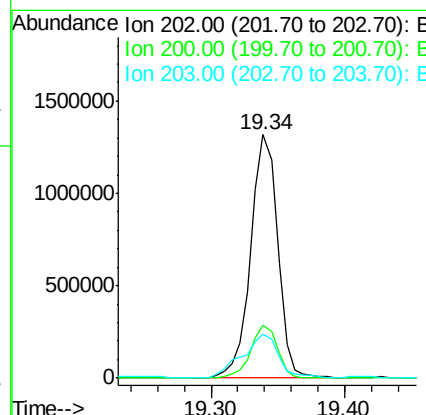
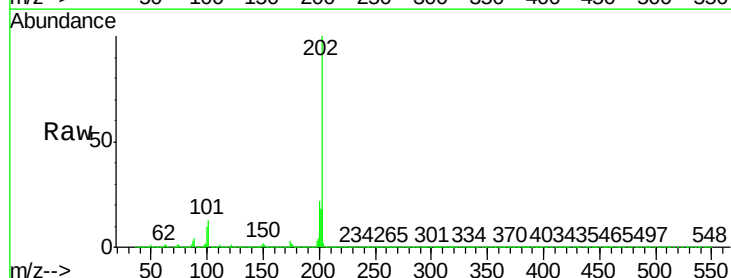
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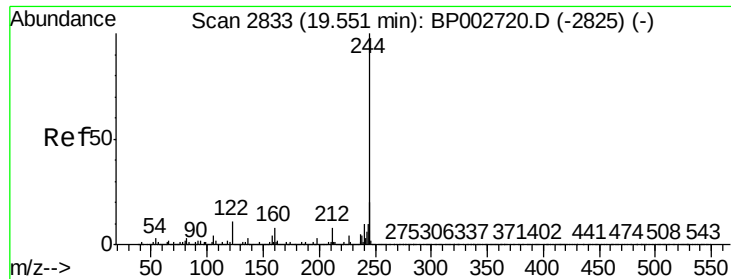
Sohil
7/24/2020 12:10:21 PM



#78
Pyrene
Concen: 43.310 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.0	14.5	21.7





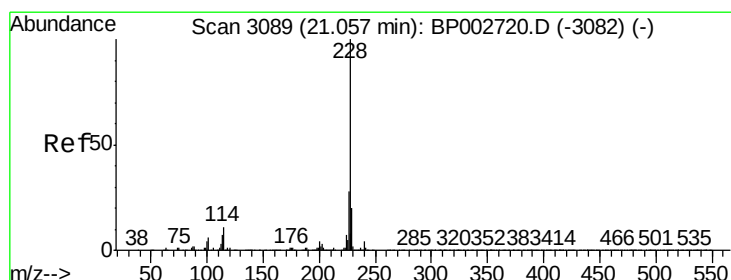
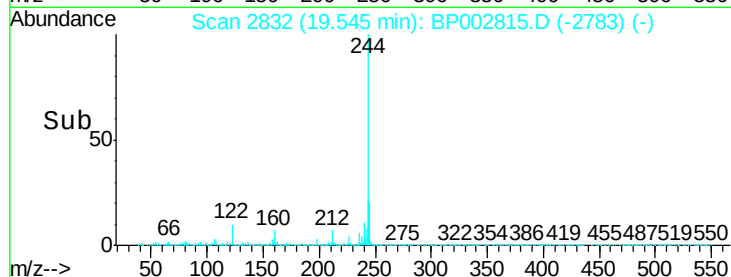
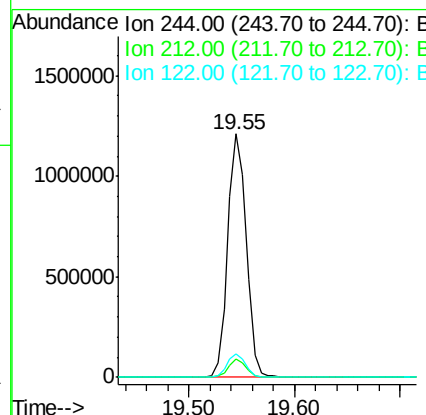
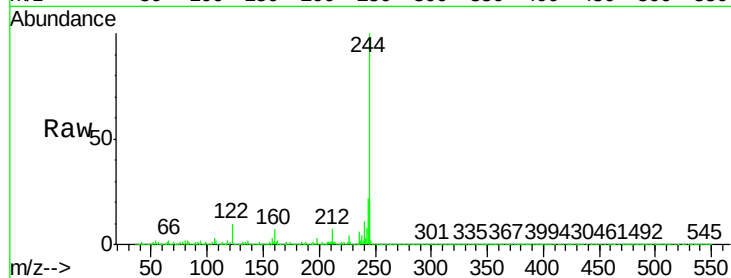
#79
 Terphenyl-d14
 Concen: 55.243 ng
 RT: 19.55 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002815.D
 Acq: 21 Jul 2020 15:46

Instrument :
 BNA_P
 ClientSampleId :
 SP-1A

Tot Ion:244 Resp: 1477099
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.8 8.9 13.3

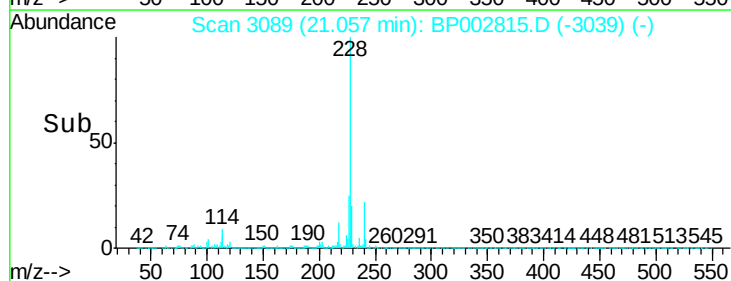
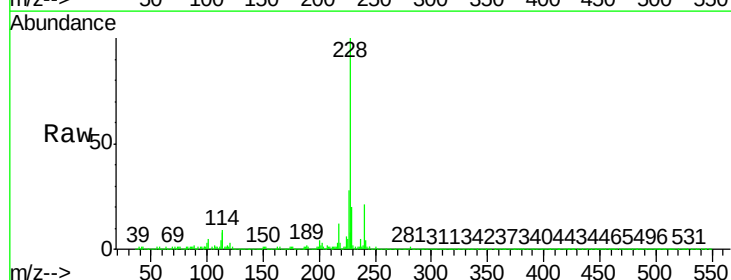
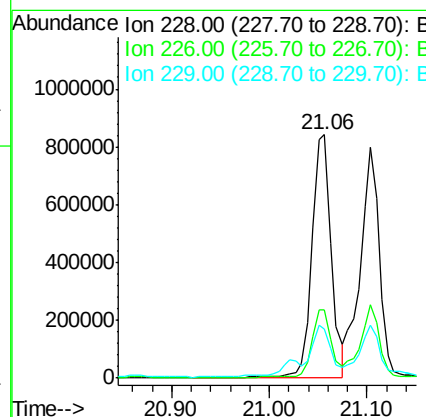
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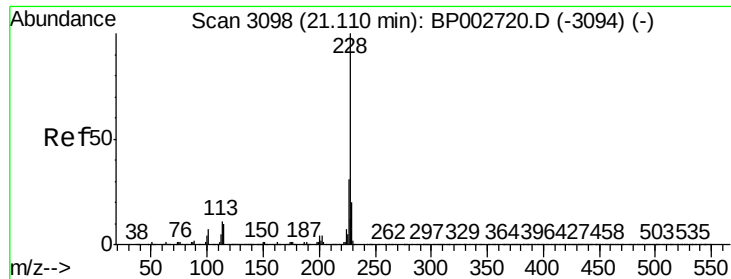
Sohil
 7/24/2020 12:10:21 PM



#81
 Benzo(a)anthracene
 Concen: 28.877 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BP002815.D
 Acq: 21 Jul 2020 15:46

Tgt Ion:228 Resp: 1145919
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 34.0
 229 20.0 16.0 24.0





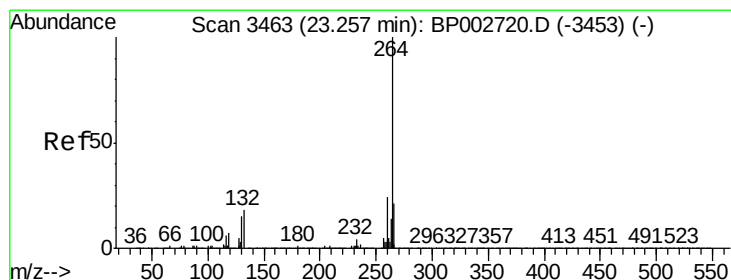
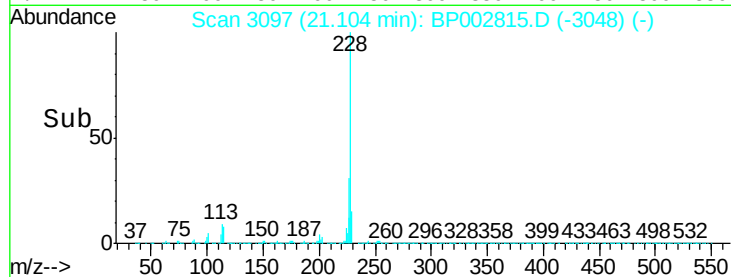
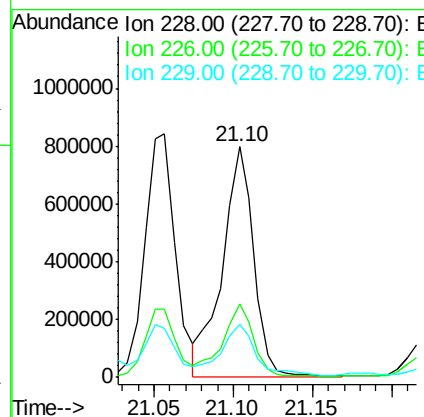
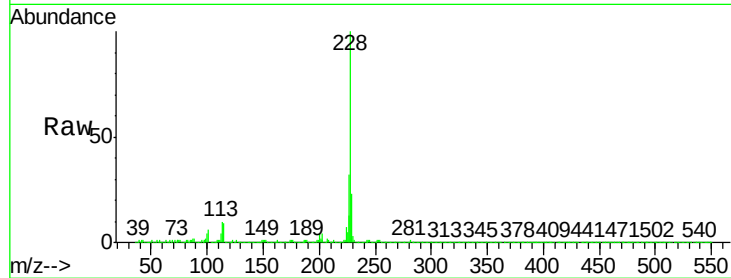
#83
Chrysene
Concen: 28.597 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Instrument :
BNA_P
ClientSampled :
SP-1A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	23.0	15.7	23.5

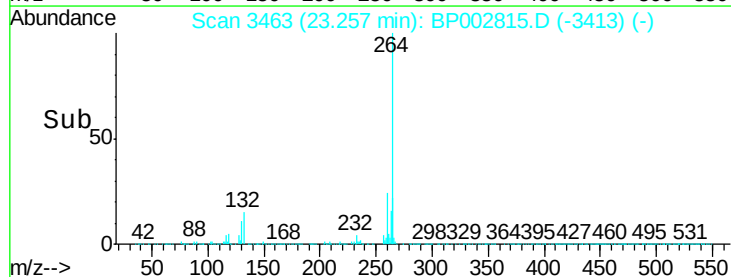
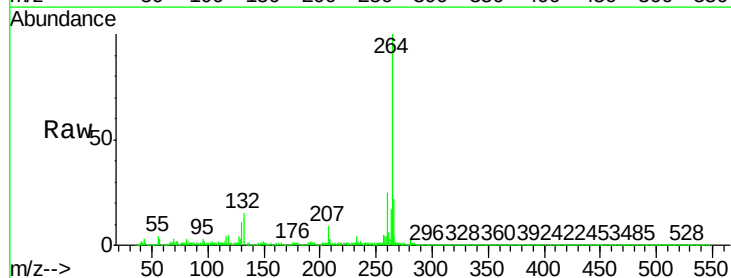
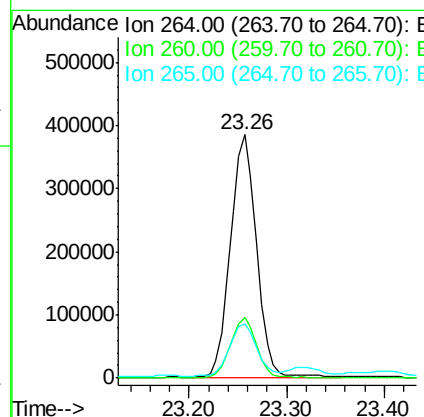
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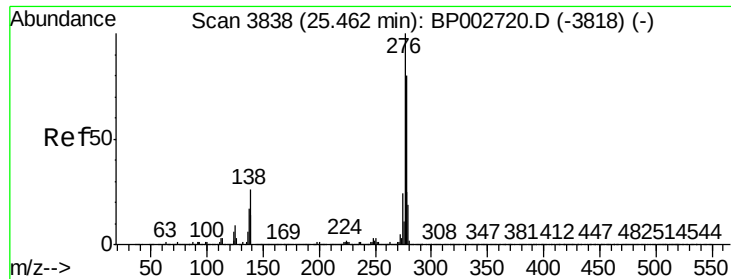
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	22.5	16.8	25.2





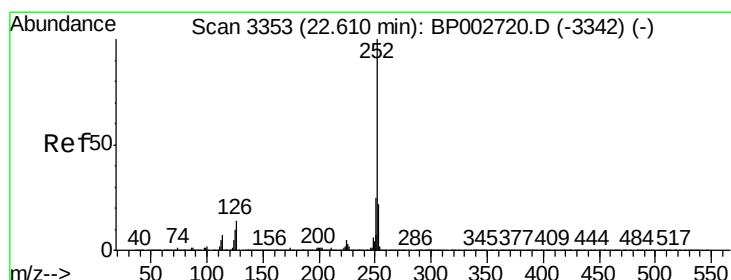
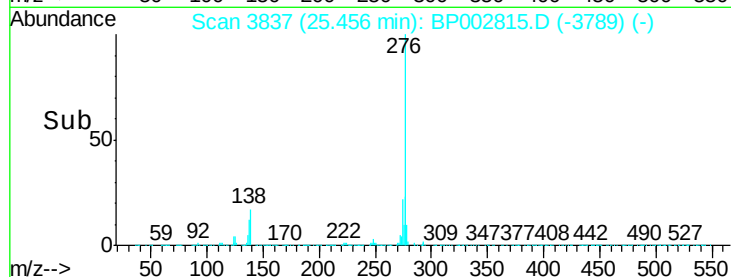
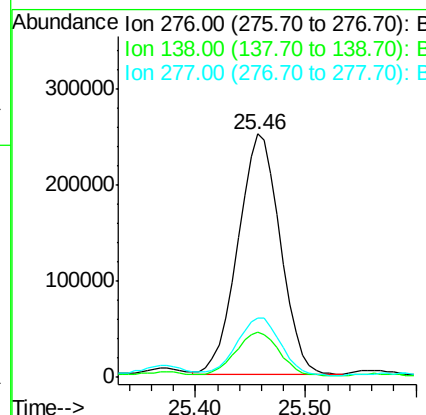
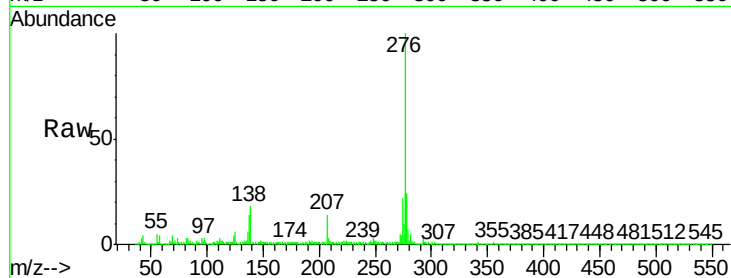
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 12.960 ng
 RT: 25.46 min Scan# 3837
 Delta R.T. -0.02 min
 Lab File: BP002815.D
 Acq: 21 Jul 2020 15:46

Instrument :
 BNA_P
 ClientSampleId :
 SP-1A

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	20.8	31.2#
277	25.1	20.0	30.0

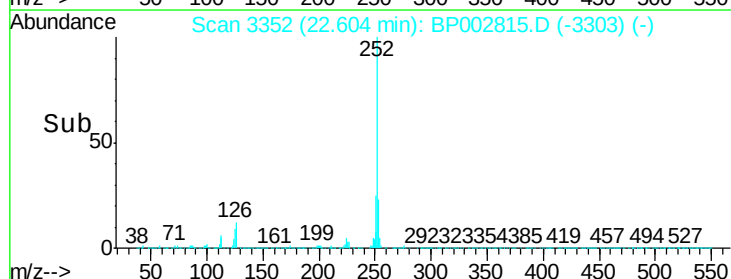
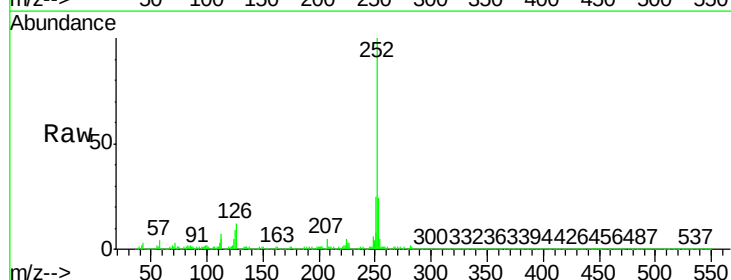
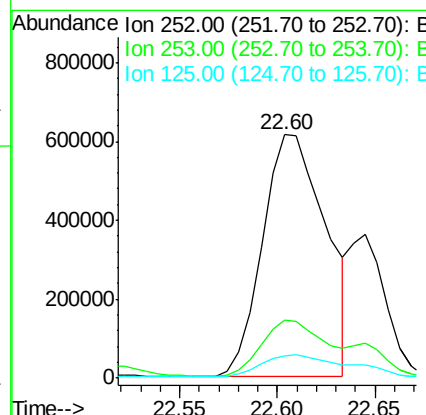
Manual Integrations
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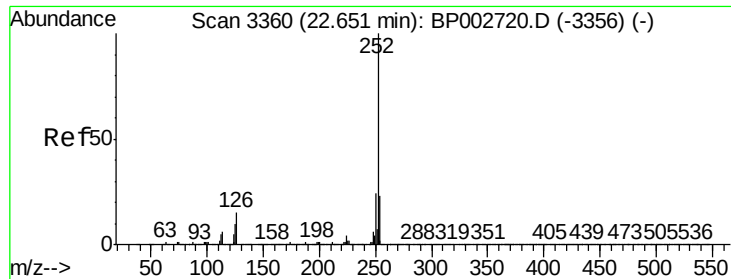
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 31.342 ng
 RT: 22.60 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BP002815.D
 Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	9.4	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 10.615 ng/mL

RT: 22.64 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BP002815.D

Acq: 21 Jul 2020 15:46

Instrument :

BNA_P

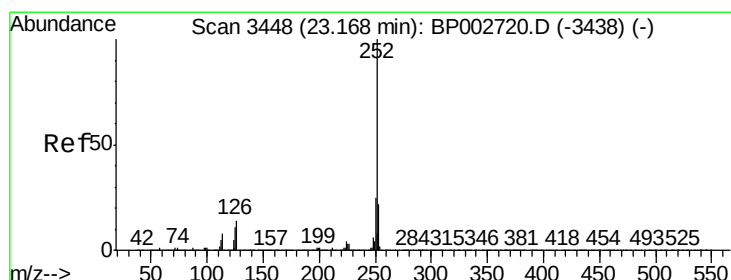
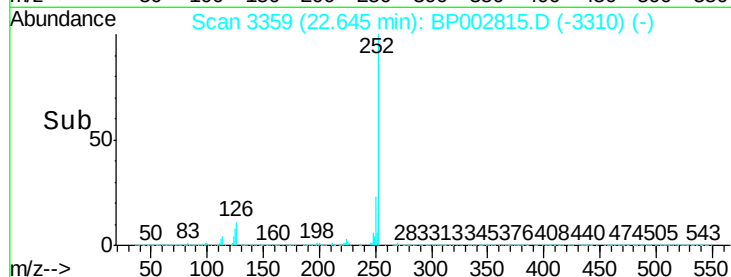
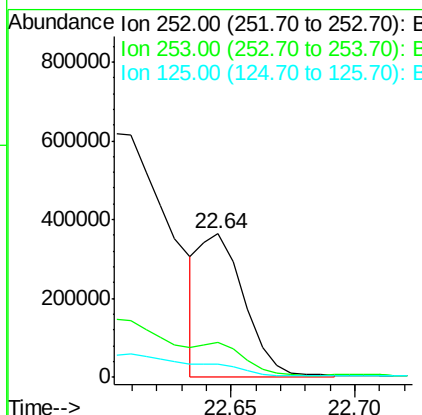
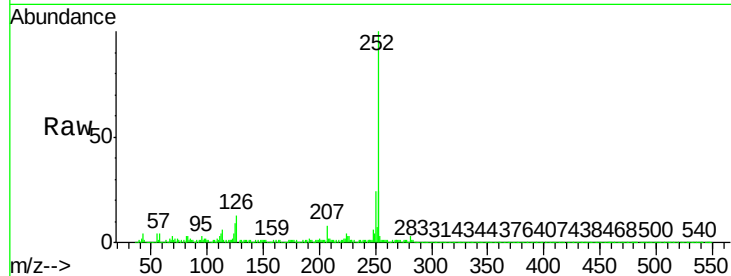
ClientSampled :

SP-1A

Tot Ion:	252	Resp:	461590
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.8
125	9.2	8.3	12.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 23.279 ng/mL

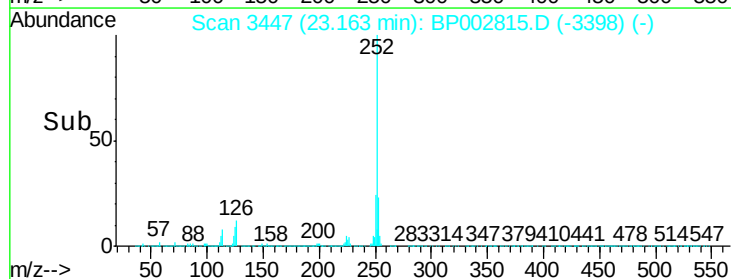
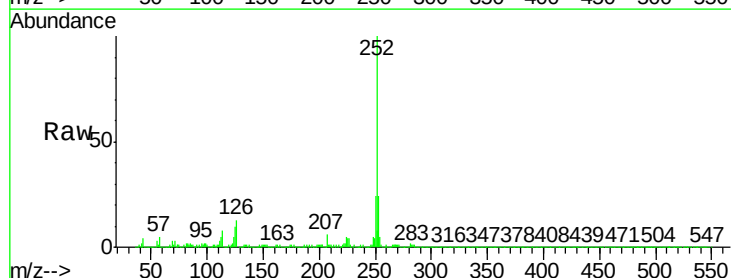
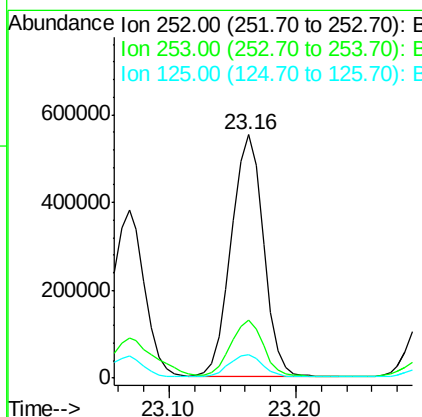
RT: 23.16 min Scan# 3447

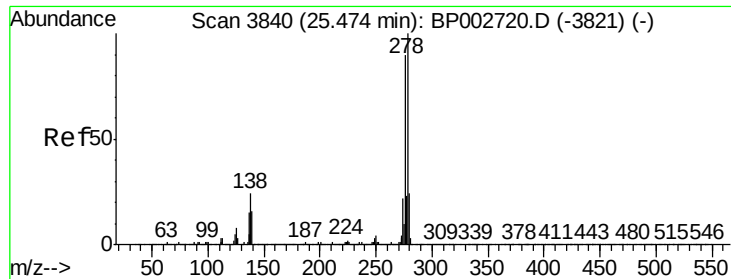
Delta R.T. -0.01 min

Lab File: BP002815.D

Acq: 21 Jul 2020 15:46

Tgt Ion:	252	Resp:	973882
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	9.5	8.6	13.0





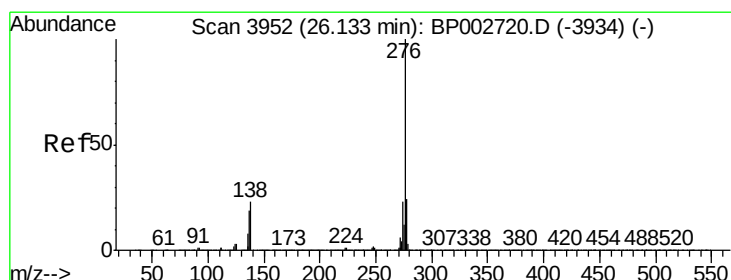
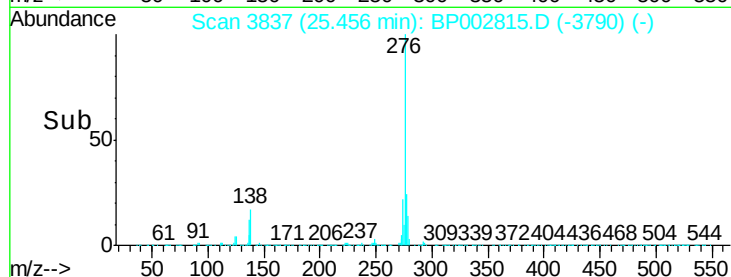
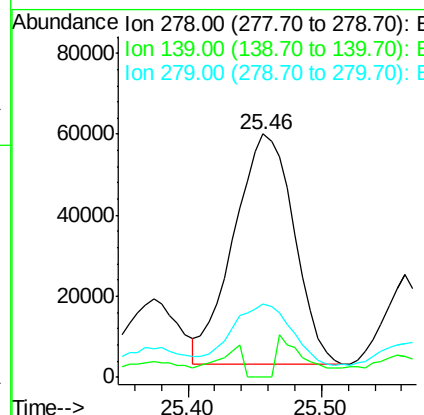
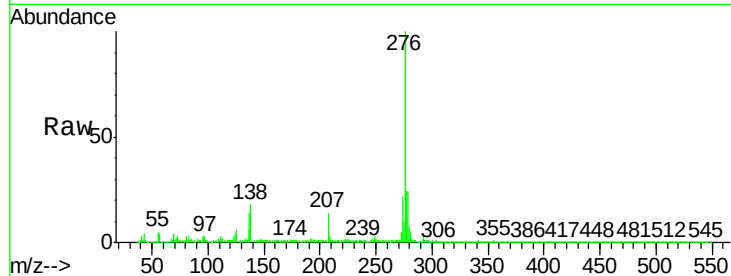
#91
Dibenzo(a,h)anthracene
Concen: 4.289 ng
RT: 25.46 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Instrument :
BNA_P
ClientSampleId :
SP-1A

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	30.0	19.0	28.6#

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7/24/2020 12:10:21 PM



#92
Benzo(g,h,i)perylene
Concen: 15.650 ng
RT: 26.13 min Scan# 3952
Delta R.T. -0.01 min
Lab File: BP002815.D
Acq: 21 Jul 2020 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.1	28.7
138	18.5	18.3	27.5

