

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002783.D
 Acq On : 16 Jul 2020 21:19
 Operator : CG/JU
 Sample : L3183-11 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-071520

Manual Integrations
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Quant Time: Jul 17 01:27:33 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	7.56	152	205453	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	875665	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	541215	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1075967	20.00	ng	0.00
76) Chrysene-d12	21.08	240	680229	20.00	ng	0.00
86) Perylene-d12	23.27	264	630316	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	100990	8.29	ng	0.00
7) Phenol-d6	6.76	99	142643	8.21	ng	0.00
23) Nitrobenzene-d5	8.70	82	86043	5.26	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	46218	8.18	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	205432	5.87	ng	0.00
79) Terphenyl-d14	19.56	244	223106	7.52	ng	0.00
Target Compounds						
49) Acenaphthylene	13.93	152	198353	3.839	ng	Qvalue 100
71) Phenanthrene	17.01	178	578190	9.925	ng	98
72) Anthracene	17.10	178	217756	3.809	ng	100
75) Fluoranthene	19.00	202	1146330	16.982	ng	99
78) Pyrene	19.35	202	1239631	26.395	ng	99
81) Benzo(a)anthracene	21.07	228	627752	14.256	ng	94
83) Chrysene	21.12	228	584859	13.954	ng	98
87) Indeno(1,2,3-cd)pyrene	25.49	276	335948	7.374	ng	96
88) Benzo(b)fluoranthene	22.62	252	711708m	18.184	ng	
89) Benzo(k)fluoranthene	22.66	252	202526m	5.253	ng	
90) Benzo(a)pyrene	23.18	252	518877	13.990	ng	96
91) Dibenzo(a,h)anthracene	25.49	278	96433	2.625	ng	# 81
92) Benzo(a,h,i)perylene	26.16	276	328452	8.817	ng	98

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

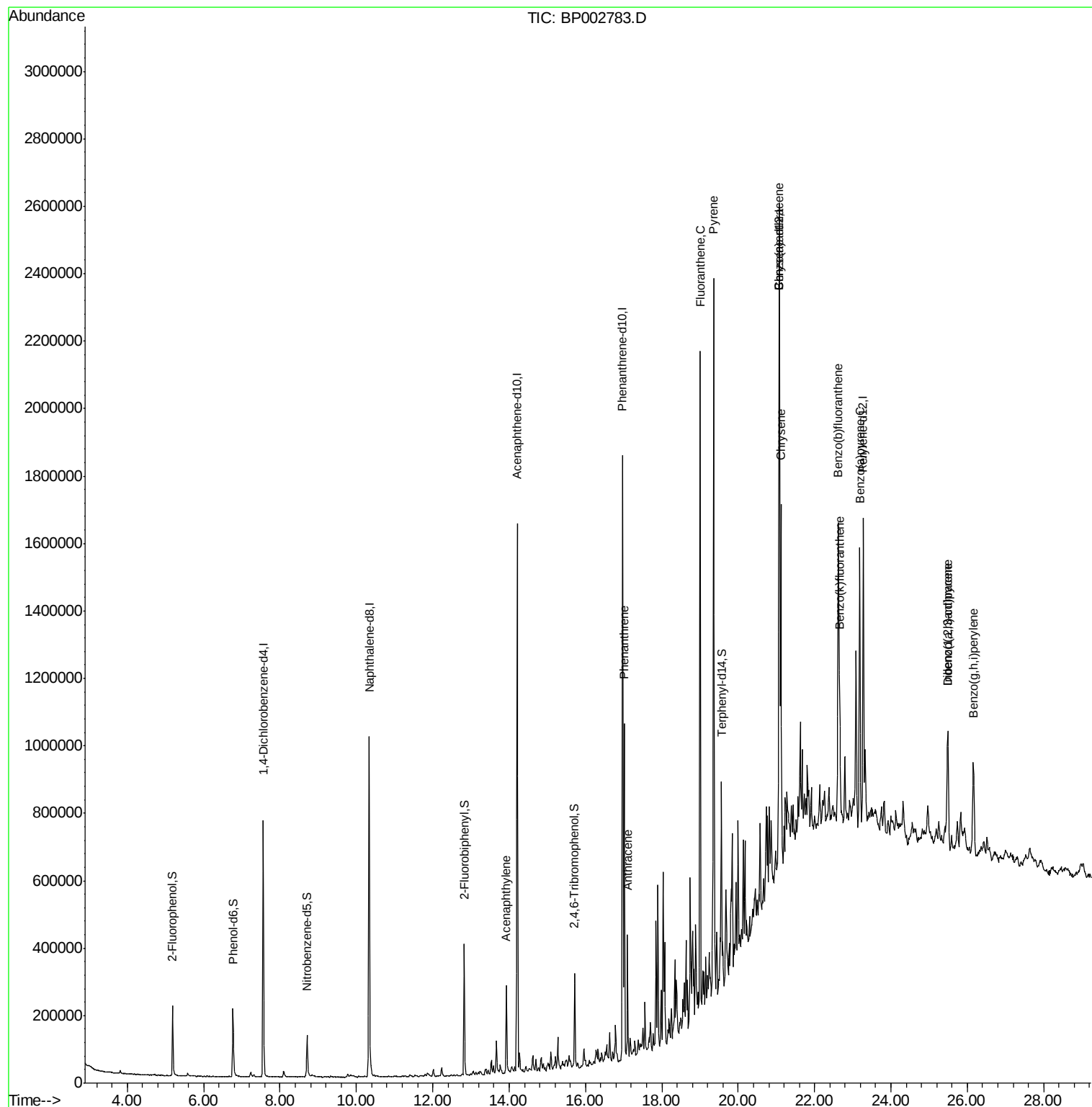
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

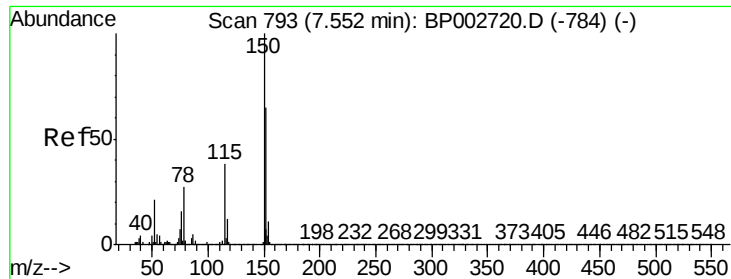
Instrument :
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ClientSampleId :
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Quant Time: Jul 17 01:27:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
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#1

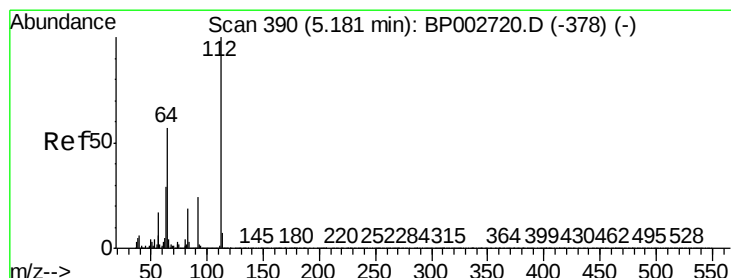
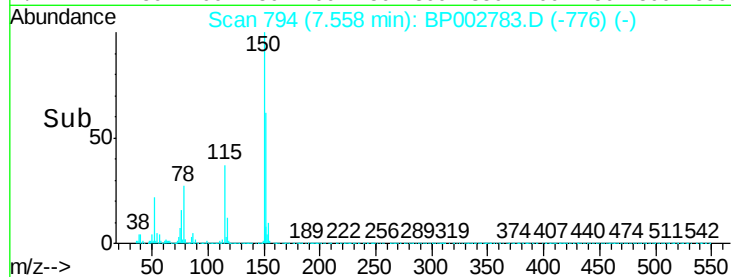
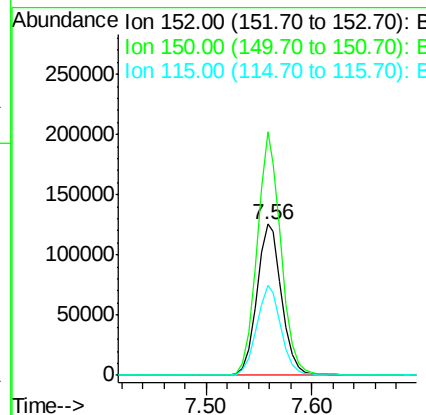
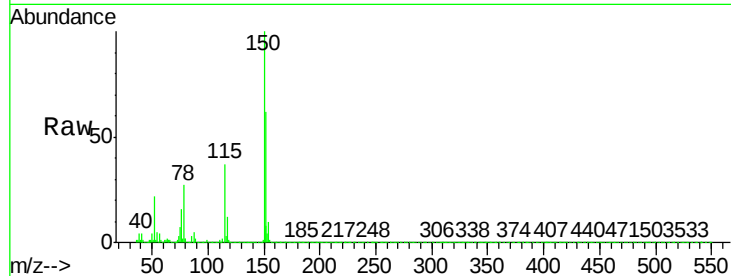
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Instrument :
BNA_P
ClientSampleId :
OK-03-071520

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.7	185.5
115	59.6	47.2	70.8

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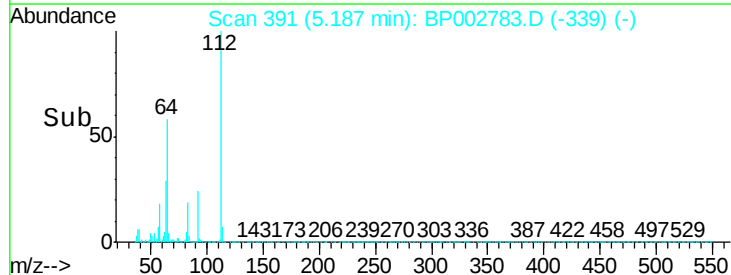
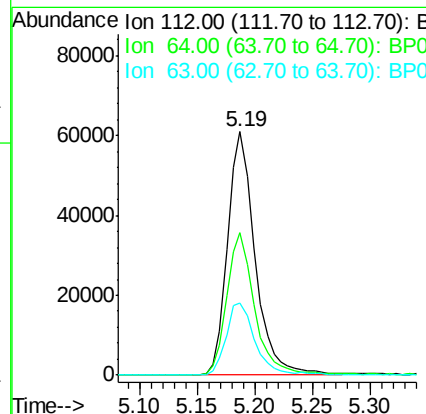
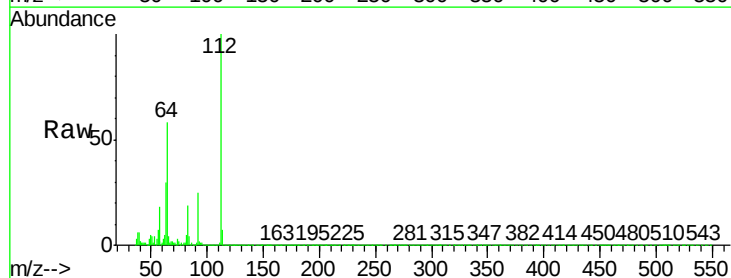
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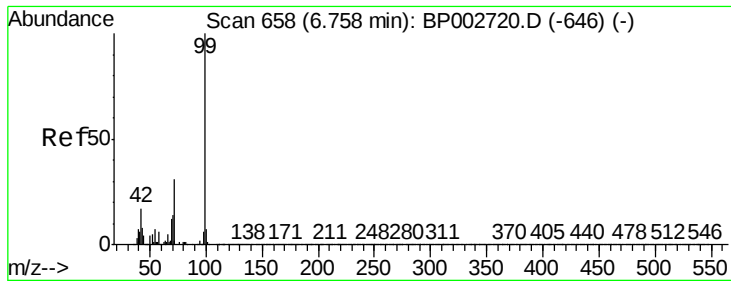


#5

2-Fluorophenol
Concen: 8.293 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.6	68.4
63	29.5	23.5	35.3





#7

Phenol-d6

Concen: 8.208 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002783.D

Acq: 16 Jul 2020 21:19

Instrument :

BNA_P

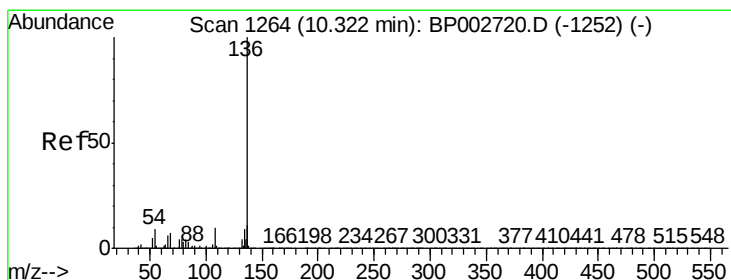
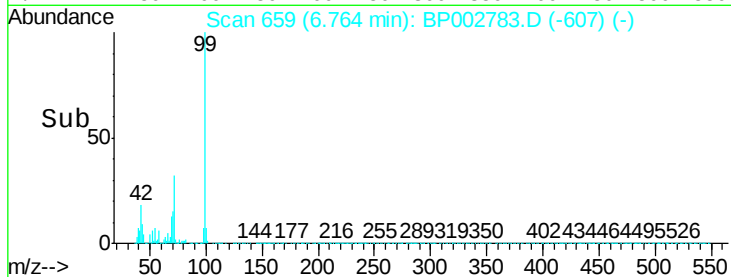
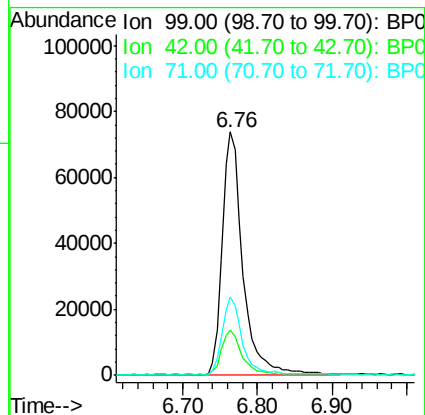
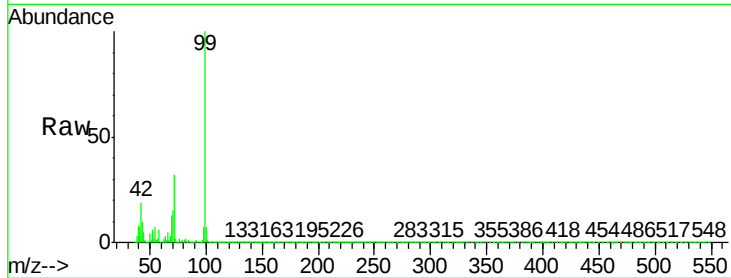
ClientSampleId :

OK-03-071520

Tot Ion:	99	Resp:	142643
Ion Ratio	Lower	Upper	
99	100		
42	18.6	13.4	20.2
71	32.2	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

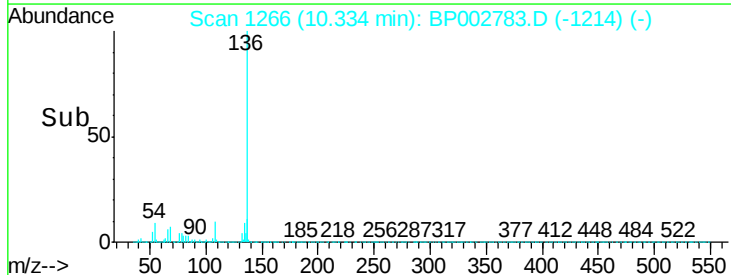
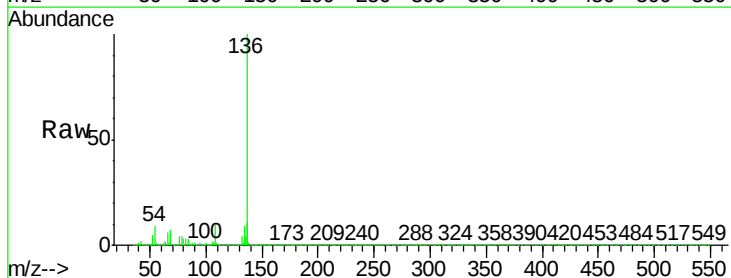
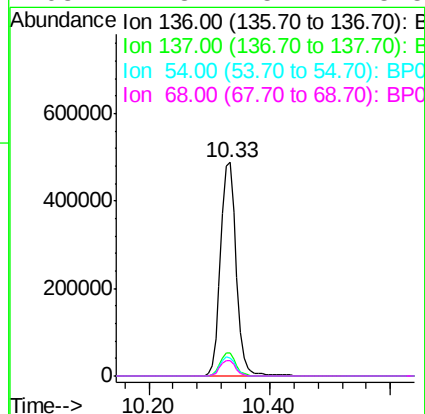
RT: 10.33 min Scan# 1266

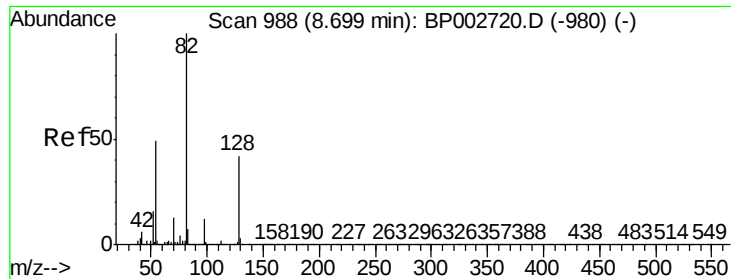
Delta R.T. 0.01 min

Lab File: BP002783.D

Acq: 16 Jul 2020 21:19

Tgt Ion:	136	Resp:	875665
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.7	6.9	10.3
68	7.3	5.7	8.5





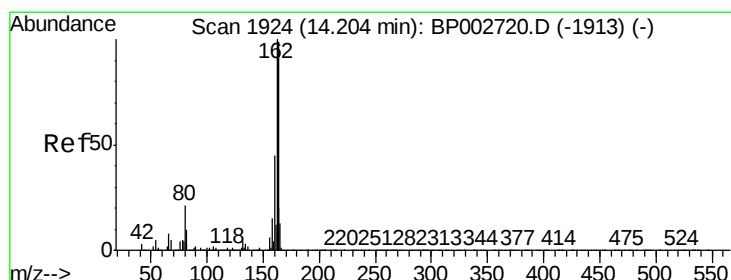
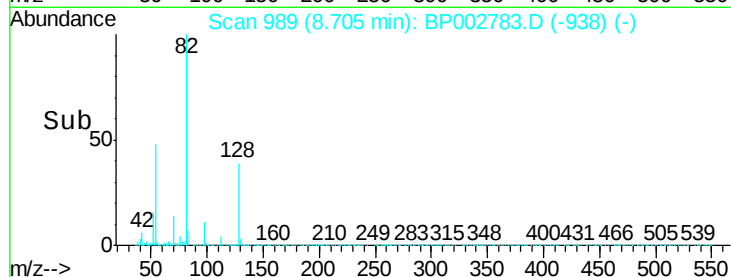
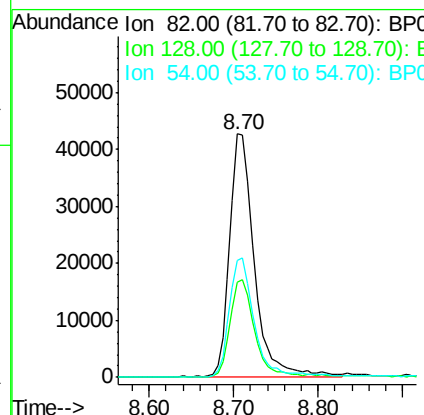
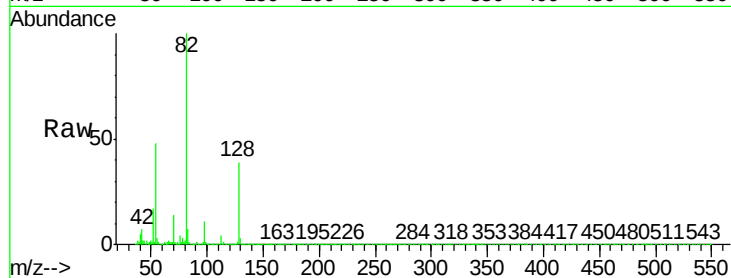
#23
 Nitrobenzene-d5
 Concen: 5.255 ng
 RT: 8.70 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BP002783.D
 Acq: 16 Jul 2020 21:19

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-071520

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.8	50.8
54	48.1	38.8	58.2

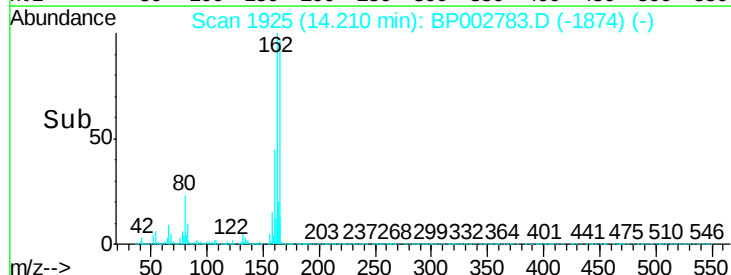
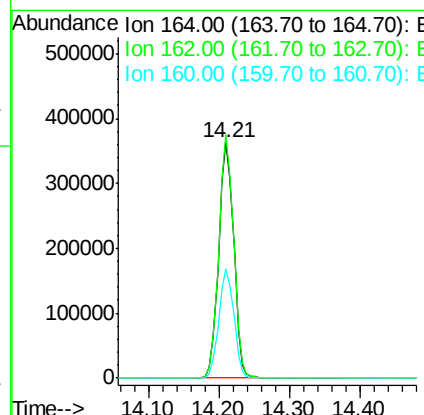
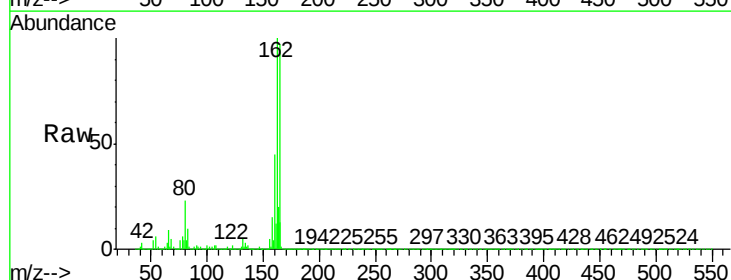
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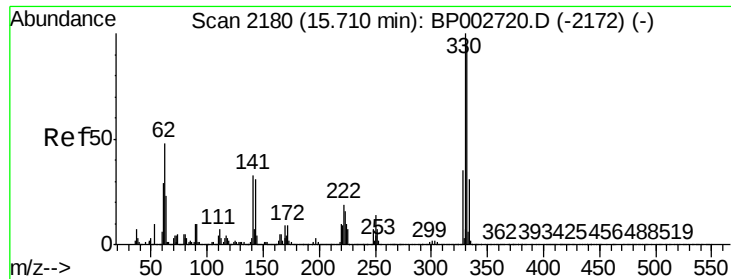
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.21 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BP002783.D
 Acq: 16 Jul 2020 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.6	121.0
160	46.1	36.4	54.6





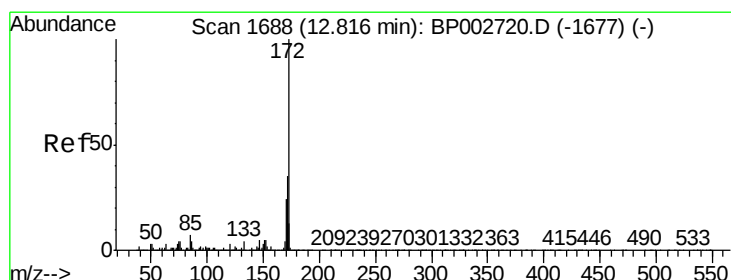
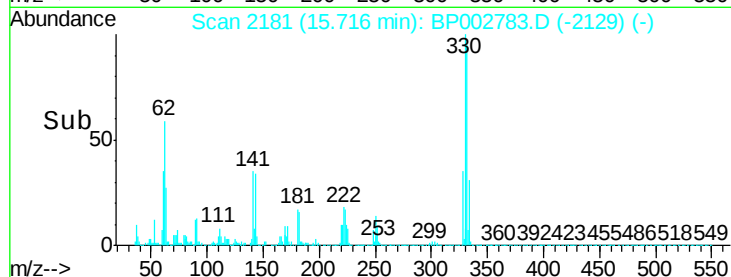
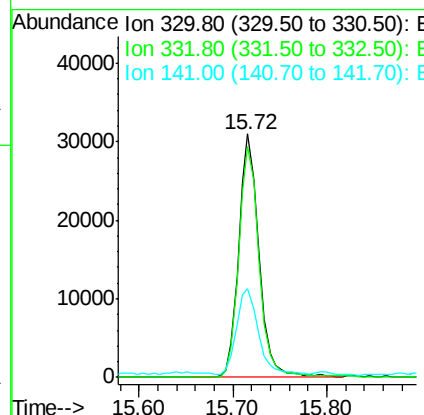
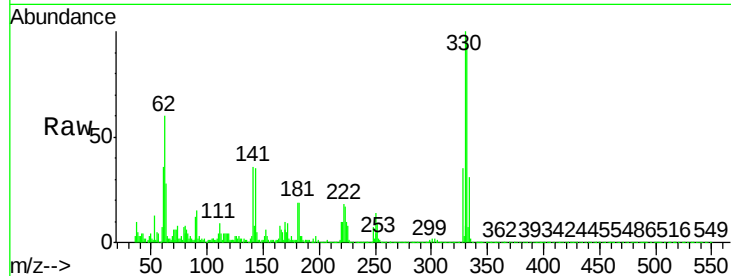
#42
 2,4,6-Tribromophenol
 Concen: 8.181 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BP002783.D
 Acq: 16 Jul 2020 21:19

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-071520

Tot Ion	Ratio	Resp	Lower	Upper
330	100	46218		
332	95.7	76.5	114.7	
141	38.1	28.8	43.2	

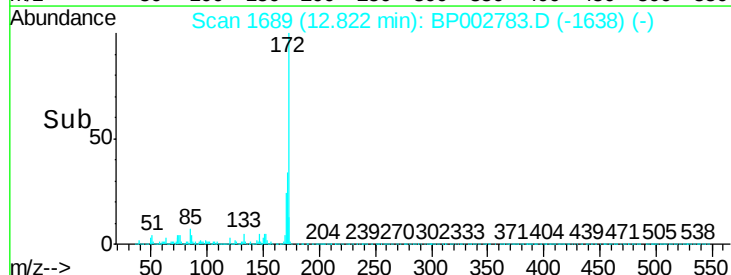
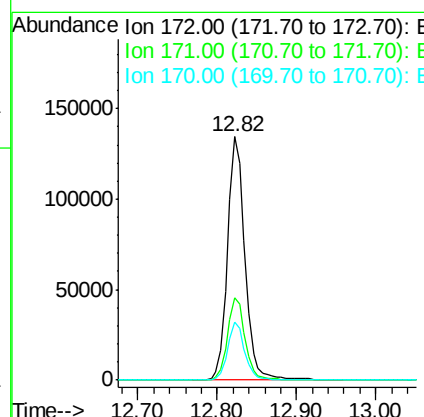
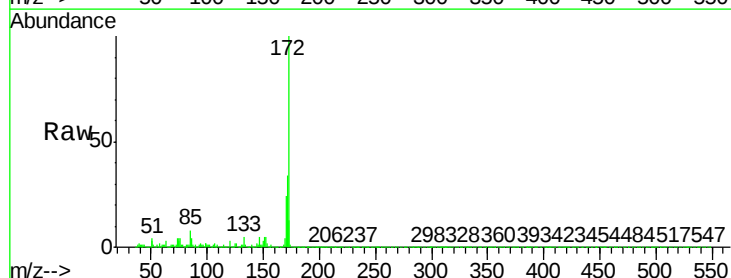
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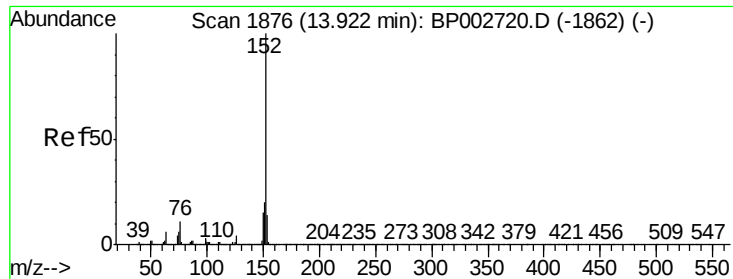
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#45
 2-Fluorobiphenyl
 Concen: 5.872 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP002783.D
 Acq: 16 Jul 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	205432		
171	33.9	28.1	42.1	
170	23.6	19.3	28.9	





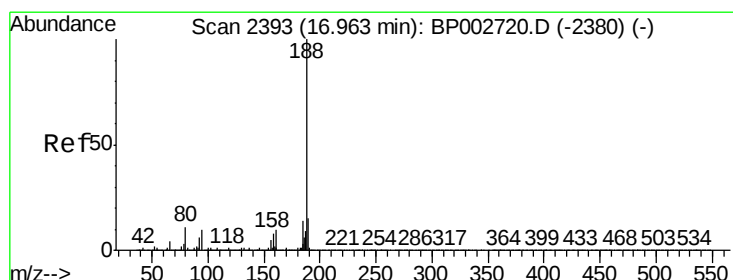
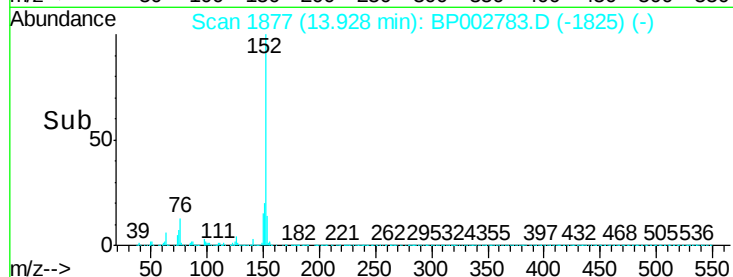
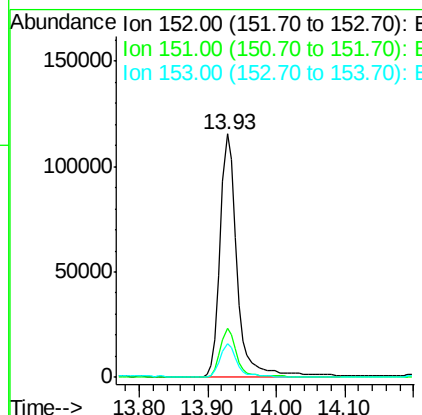
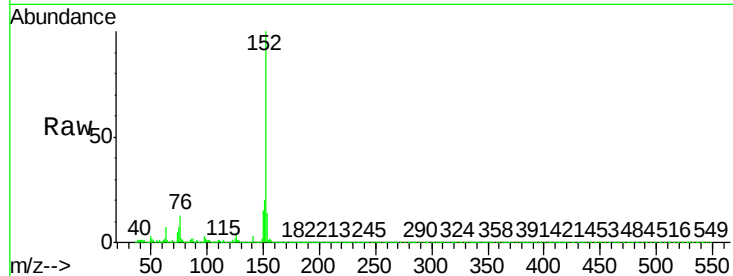
#49
Acenaphthylene
Concen: 3.839 ng
RT: 13.93 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Instrument :
BNA_P
ClientSampleId :
OK-03-071520

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	14.0	10.9	16.3

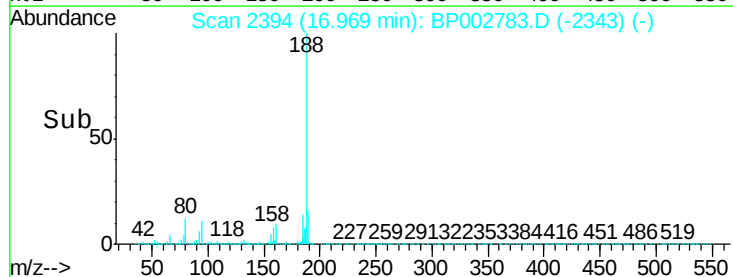
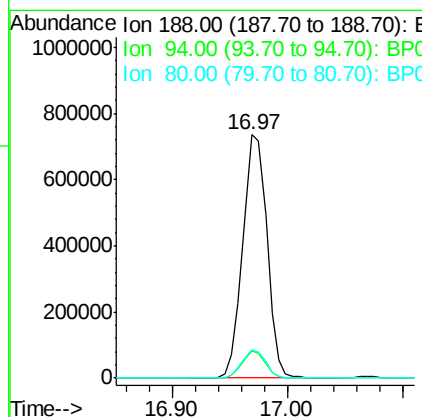
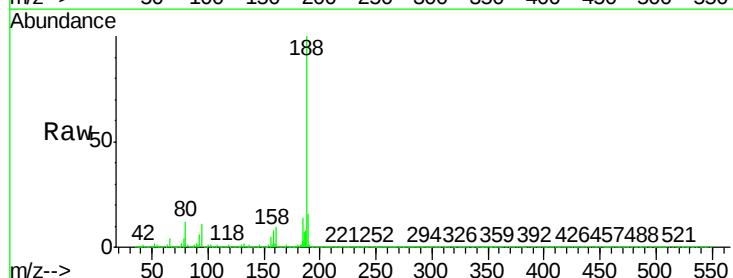
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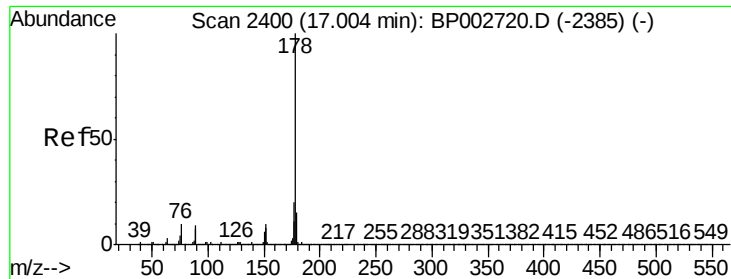
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.1	12.1
80	11.7	8.9	13.3





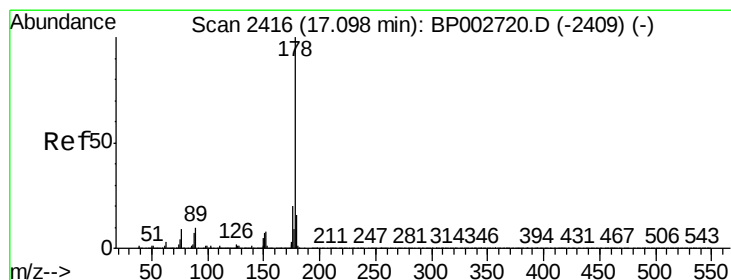
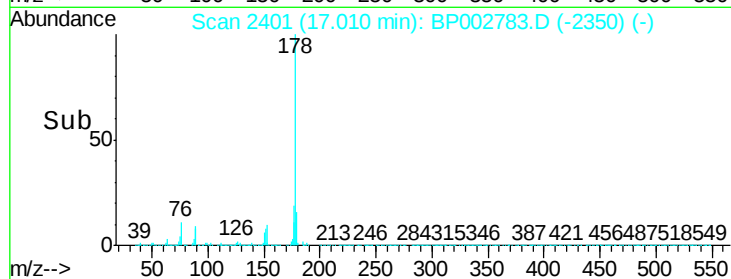
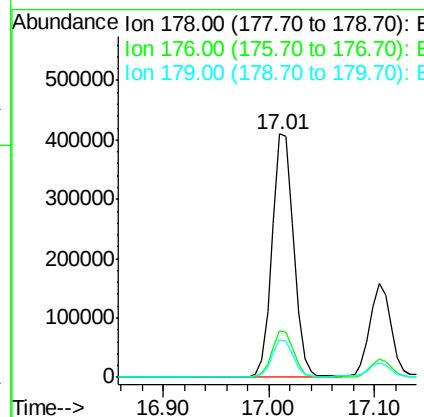
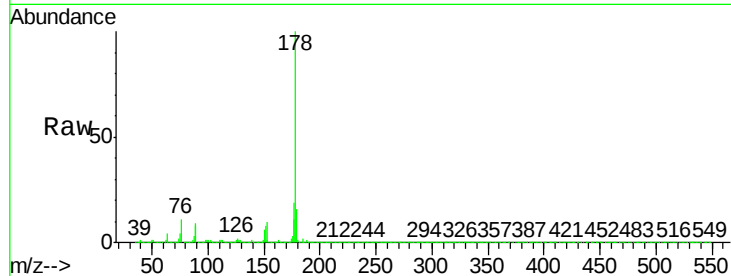
#71
Phenanthrene
Concen: 9.925 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Instrument :
BNA_P
ClientSampleId :
OK-03-071520

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.7	12.3	18.5

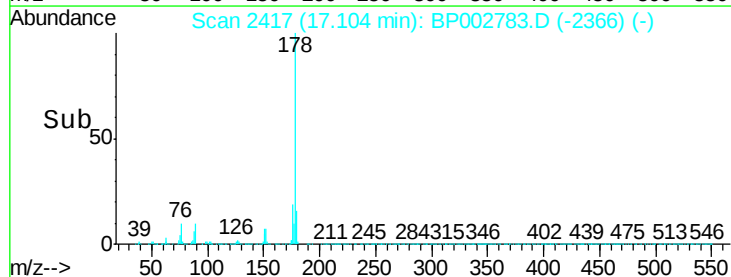
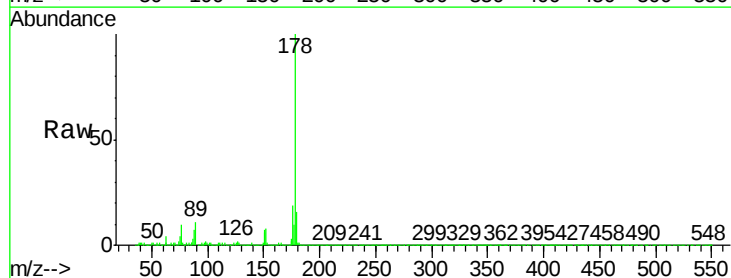
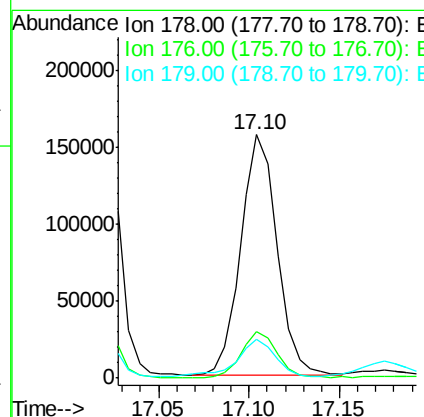
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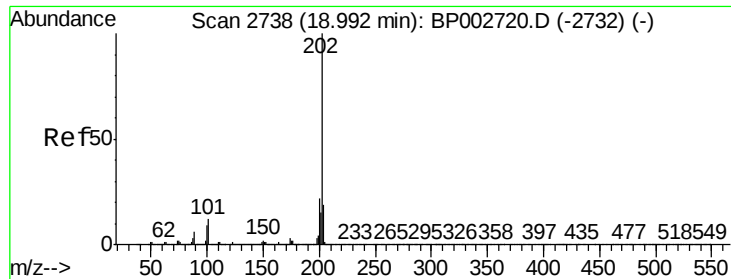
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#72
Anthracene
Concen: 3.809 ng
RT: 17.10 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.0	12.6	19.0





#75

Fluoranthene

Concen: 16.982 ng

RT: 19.00 min Scan# 2740

Delta R.T. 0.01 min

Lab File: BP002783.D

Acq: 16 Jul 2020 21:19

Instrument :

BNA_P

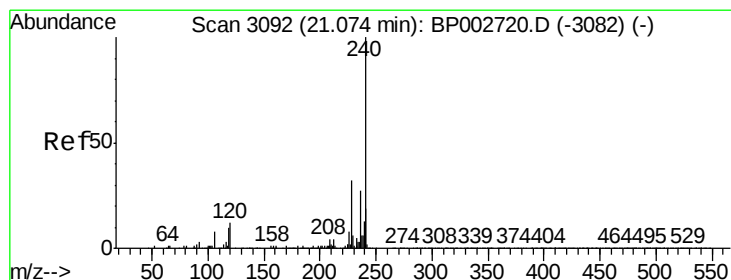
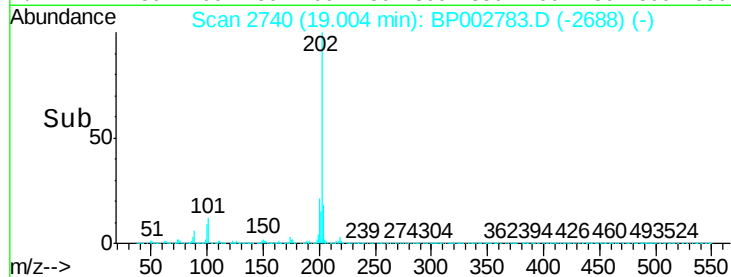
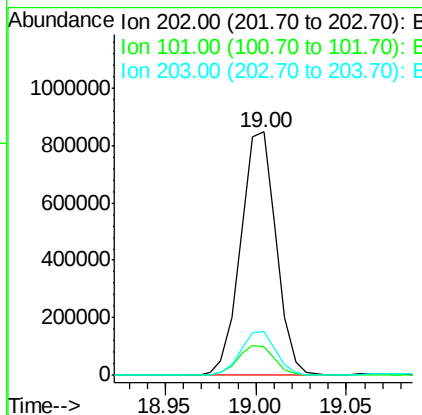
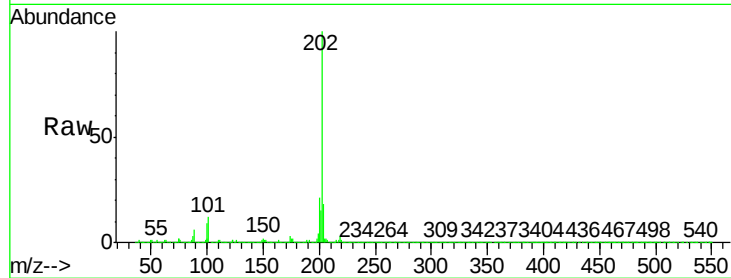
ClientSampled :

OK-03-071520

Tot Ion:	202	Resp:	1146330
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.5
203	18.1	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

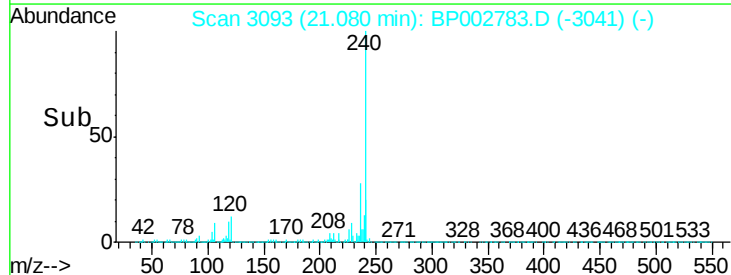
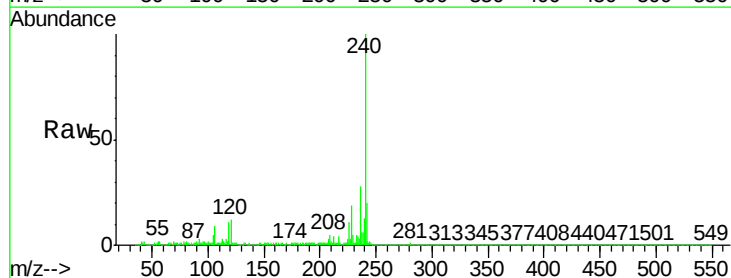
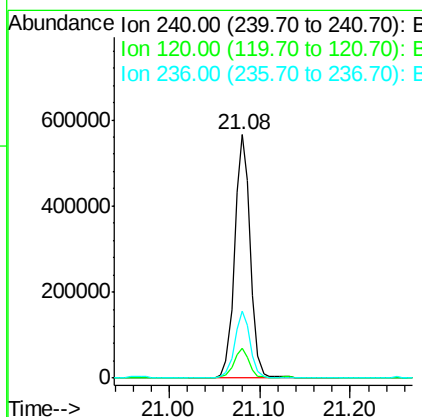
RT: 21.08 min Scan# 3093

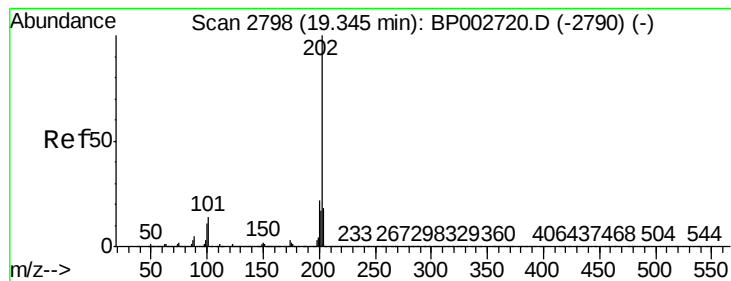
Delta R.T. 0.01 min

Lab File: BP002783.D

Acq: 16 Jul 2020 21:19

Tgt Ion:	240	Resp:	680229
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.4	14.2
236	27.7	21.3	31.9





#78

Pvrene

Concen: 26.395 ng

RT: 19.35 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BP002783.D

Acq: 16 Jul 2020 21:19

Instrument :

BNA_P

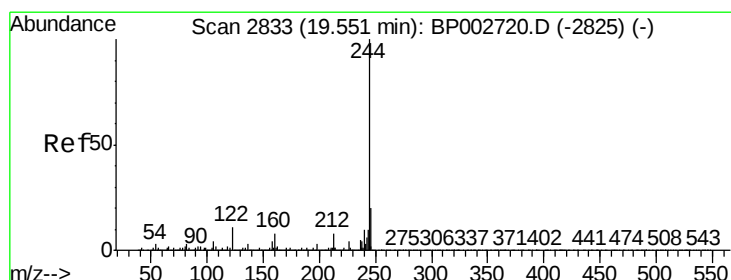
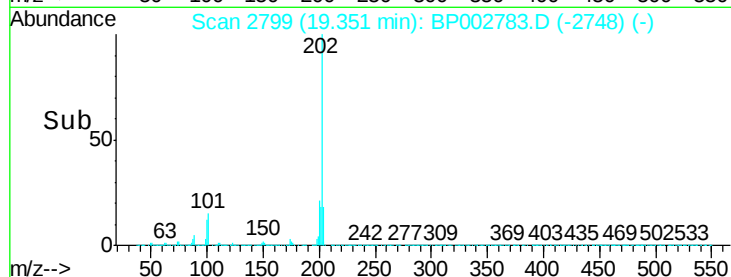
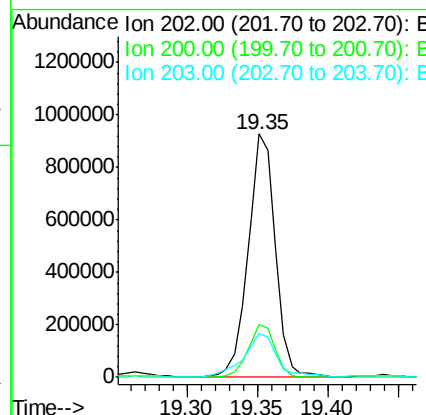
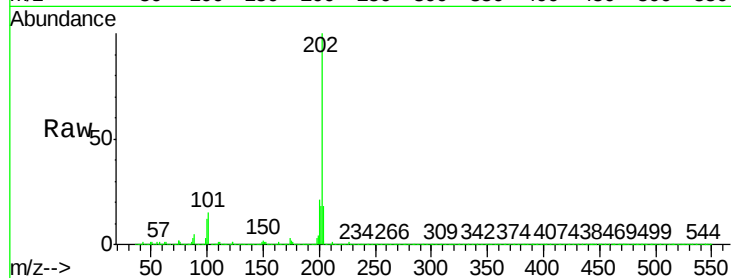
ClientSampleId :

OK-03-071520

Tot Ion:	202	Resp:	1239631
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	18.0	14.5	21.7

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#79

Terphenyl-d14

Concen: 7.520 ng

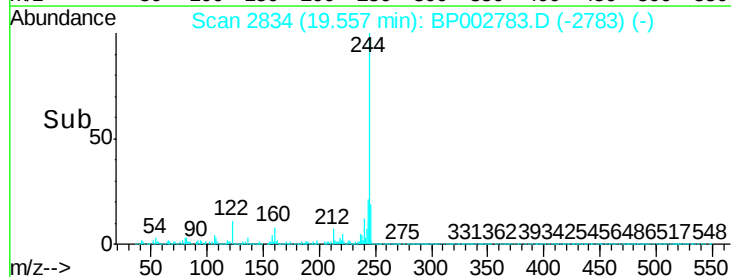
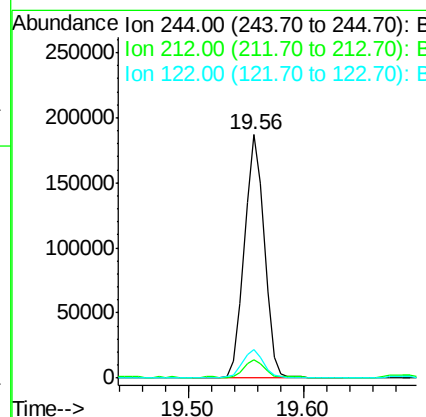
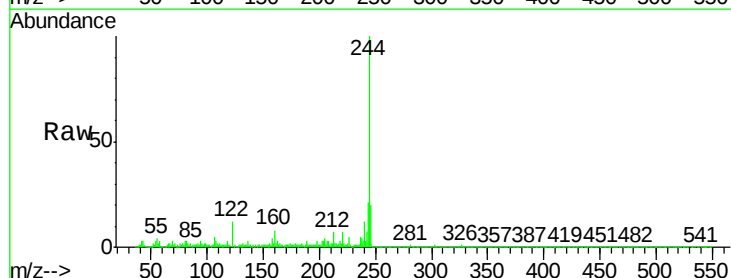
RT: 19.56 min Scan# 2834

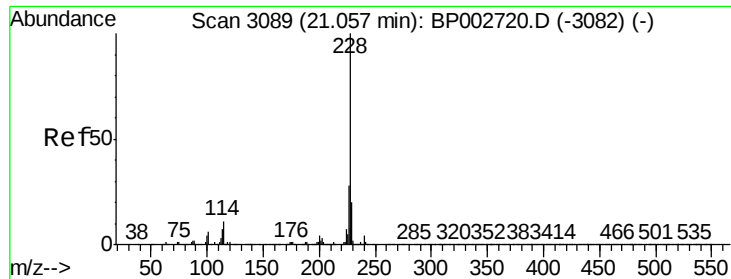
Delta R.T. 0.00 min

Lab File: BP002783.D

Acq: 16 Jul 2020 21:19

Tgt Ion:	244	Resp:	223106
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	11.8	8.9	13.3





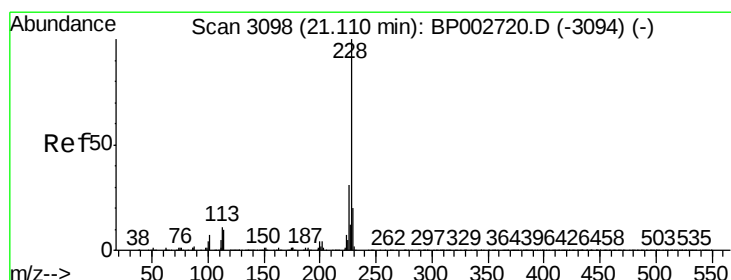
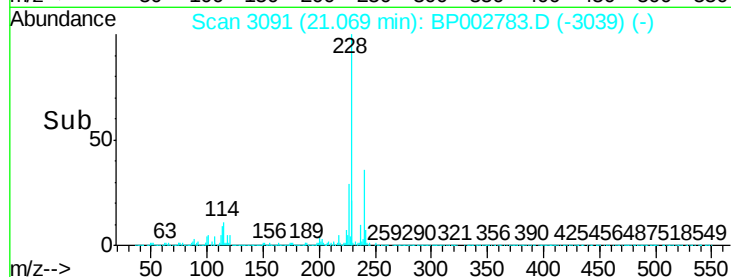
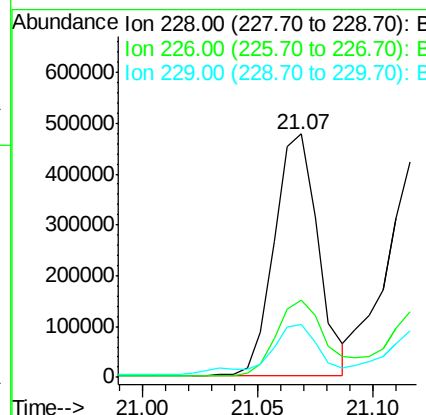
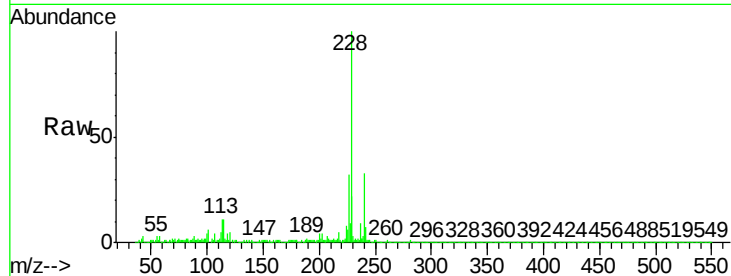
#81
Benzo(a)anthracene
Concen: 14.256 ng
RT: 21.07 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Instrument :
BNA_P
ClientSampleId :
OK-03-071520

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	34.0
229	21.8	16.0	24.0

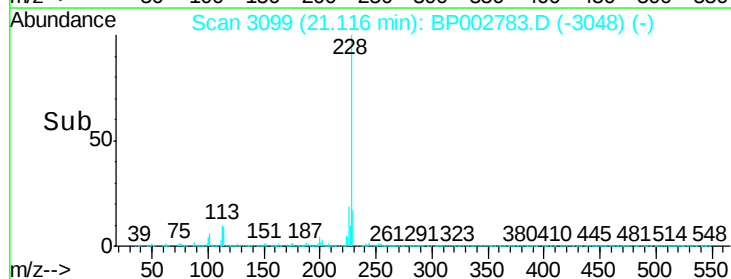
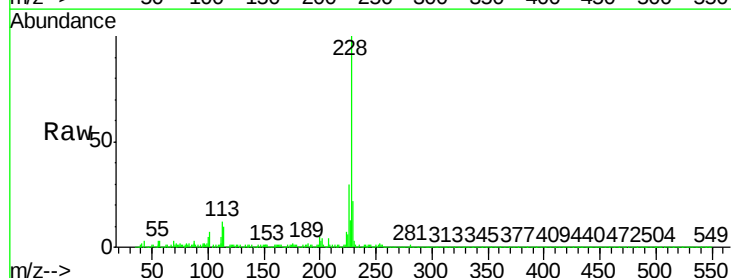
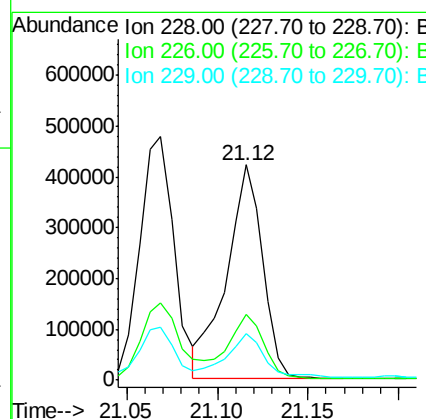
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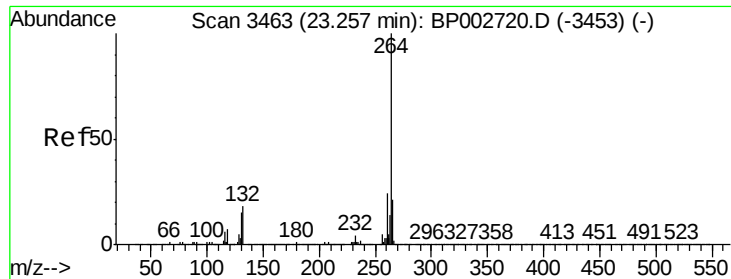
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#83
Chrysene
Concen: 13.954 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	21.7	15.7	23.5





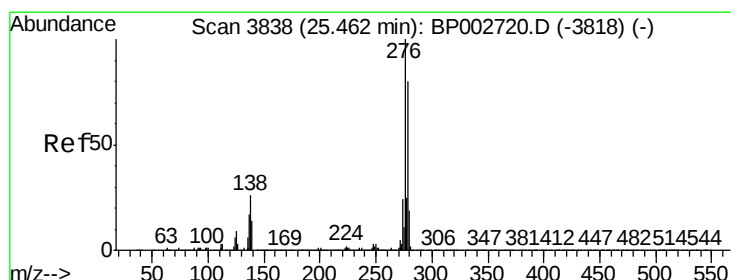
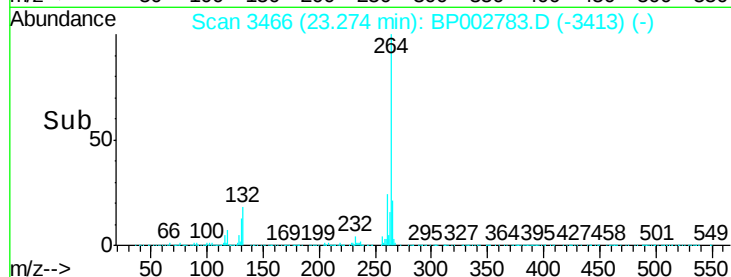
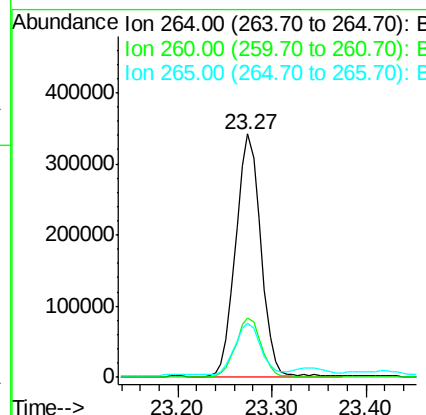
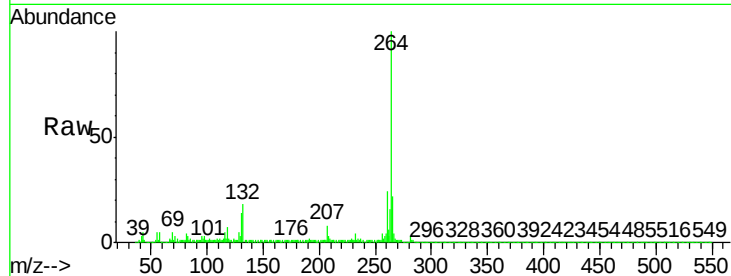
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Instrument :
BNA_P
ClientSampleId :
OK-03-071520

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.1	16.8	25.2

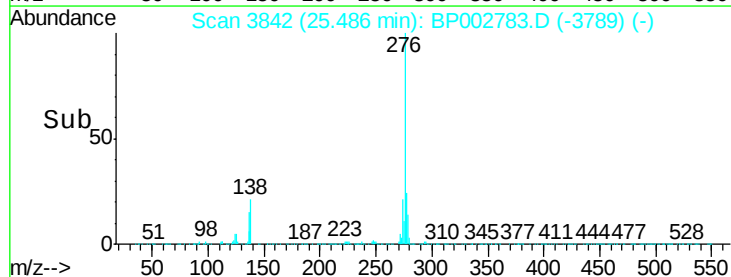
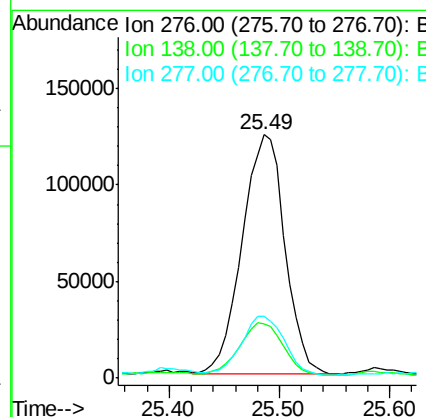
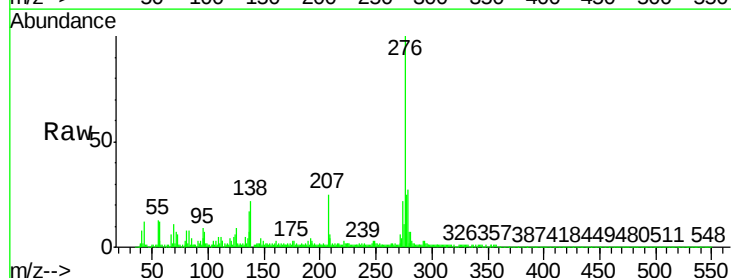
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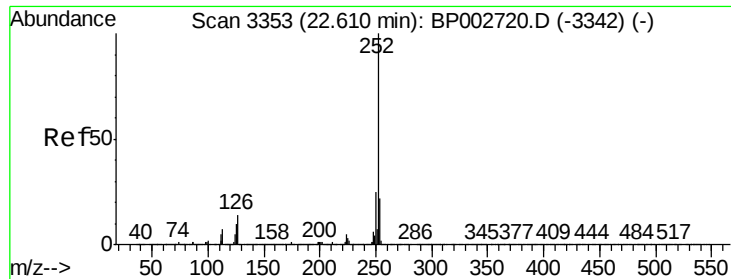
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.374 ng
RT: 25.49 min Scan# 3842
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.8	31.2
277	25.2	20.0	30.0





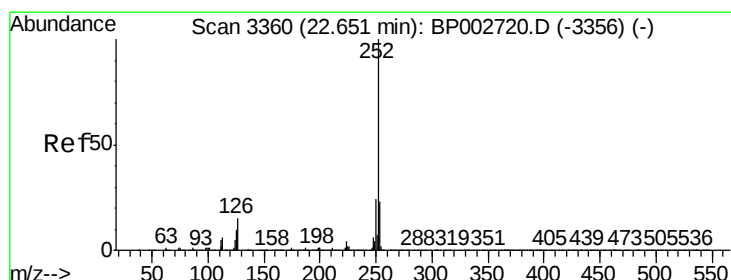
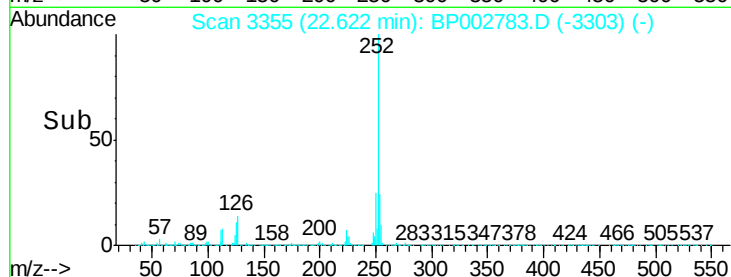
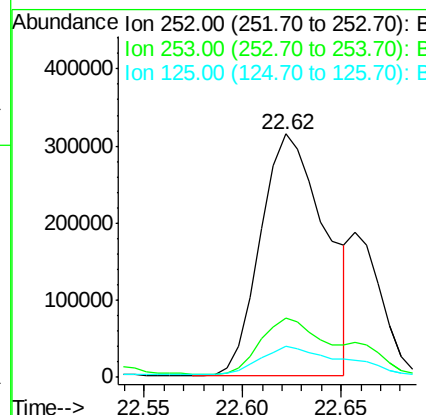
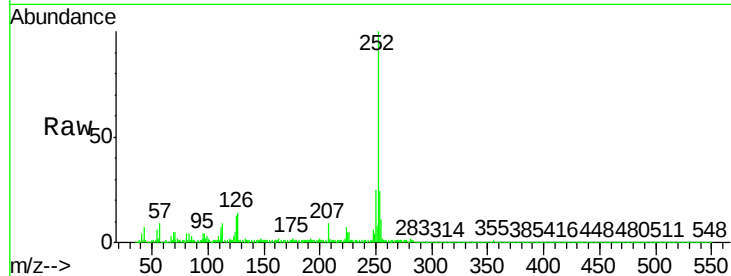
#88
Benzo(b)fluoranthene
Concen: 18.184 ng m
RT: 22.62 min Scan# 3353
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Instrument :
BNA_P
ClientSampleId :
OK-03-071520

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	12.6	8.2	12.2

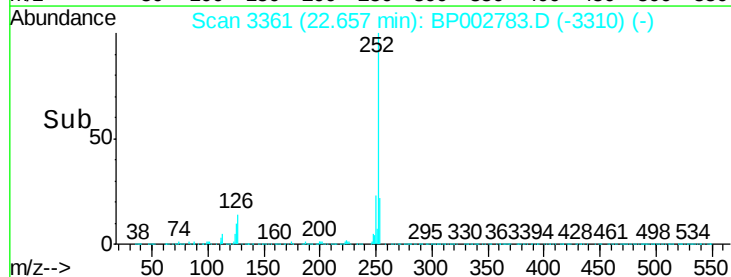
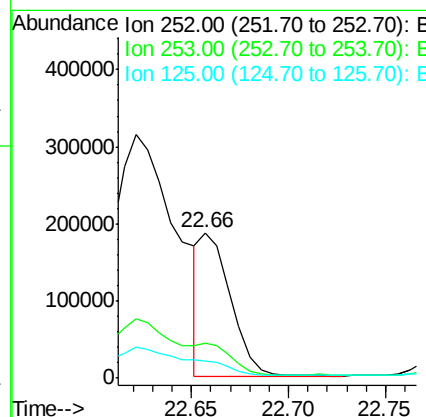
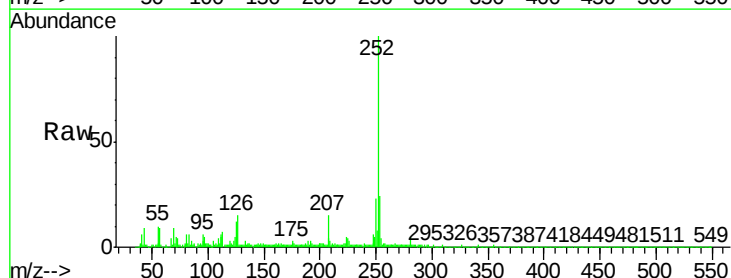
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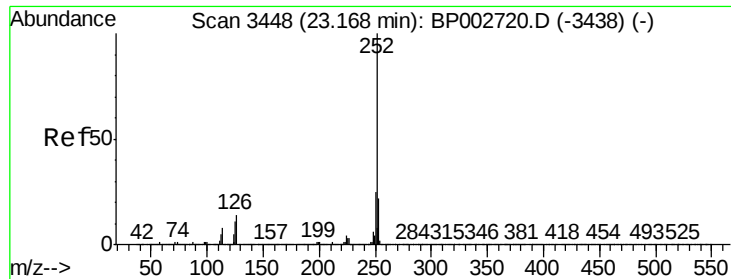
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#89
Benzo(k)fluoranthene
Concen: 5.253 ng m
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	12.1	8.3	12.5





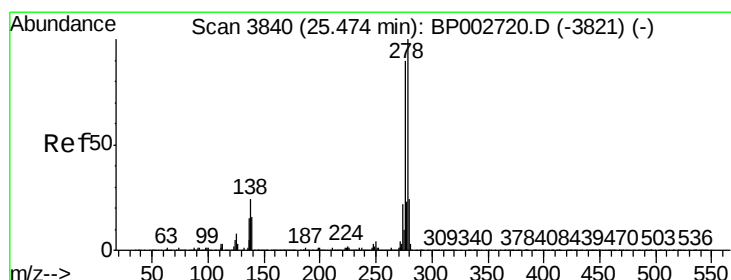
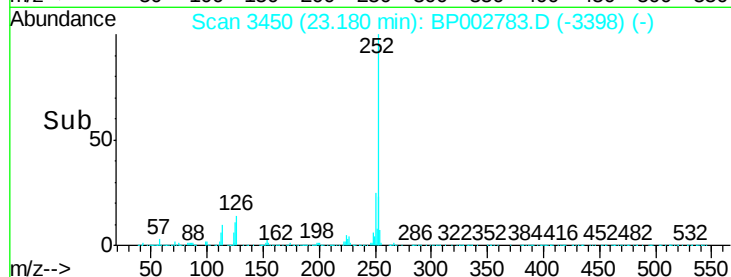
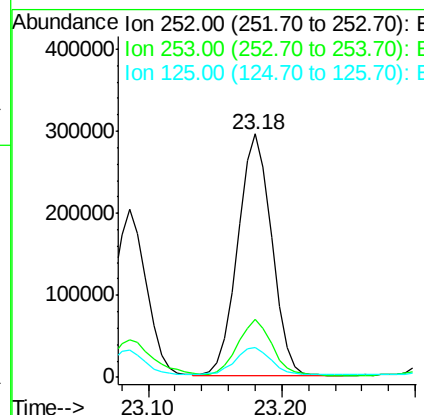
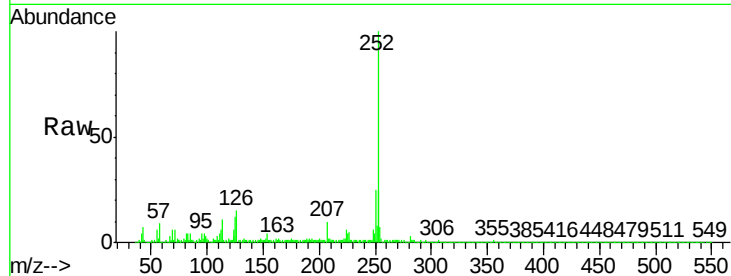
#90
Benzo(a)pyrene
Concen: 13.990 ng
RT: 23.18 min Scan# 3450
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Instrument :
BNA_P
ClientSampleId :
OK-03-071520

Tot Ion:	252	Resp:	518877
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.6	26.4
125	12.2	8.6	13.0

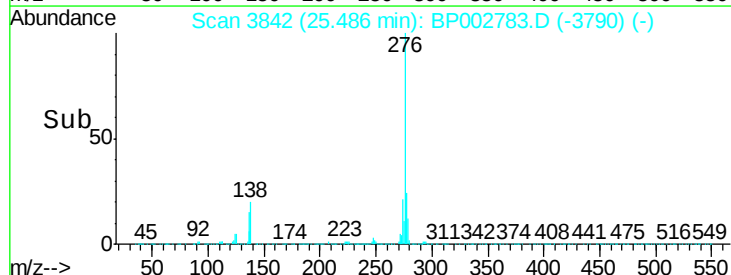
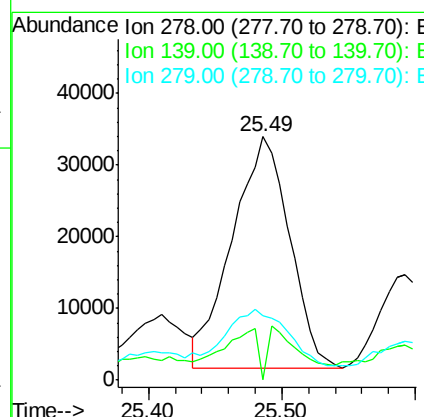
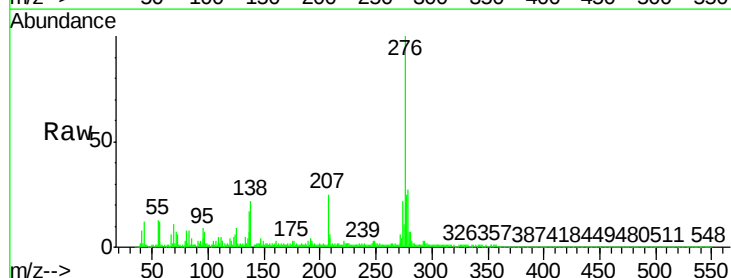
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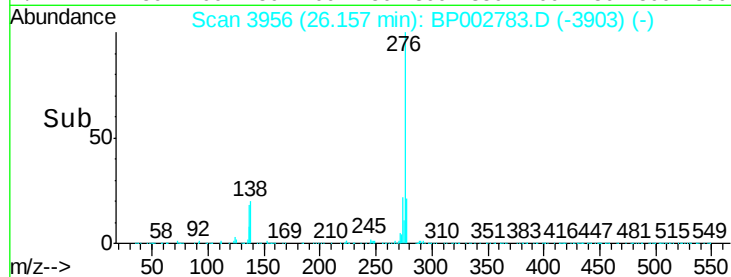
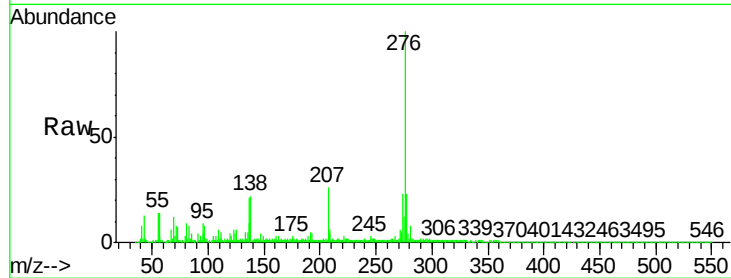
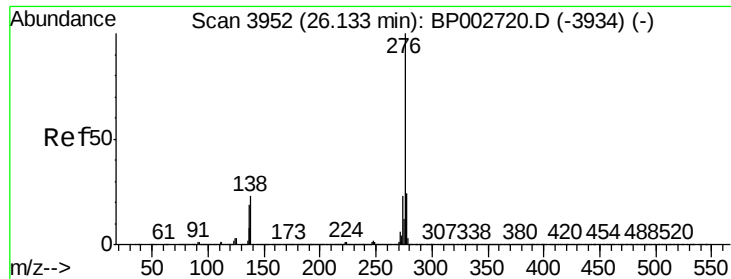
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#91
Dibenzo(a,h)anthracene
Concen: 2.625 ng
RT: 25.49 min Scan# 3842
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Tgt Ion:	278	Resp:	96433
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.1	19.7#
279	26.5	19.0	28.6





#92
Benzo(a,h,i)perylene
Concen: 8.817 ng
RT: 26.16 min Scan# 3956
Delta R.T. 0.01 min
Lab File: BP002783.D
Acq: 16 Jul 2020 21:19

Instrument :
BNA_P
ClientSampleId :
OK-03-071520

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	21.8	18.3	27.5

Manual Integrations
APPROVED

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