

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002330.D
 Acq On : 29 May 2020 23:43
 Operator : CG/JU
 Sample : L2745-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM80-COMP-2020-0-6

Manual Integrations
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Quant Time: May 30 08:18:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	319456	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1338956	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	796619	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1645537	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1377102	20.00	ng	0.00
86) Perylene-d12	23.32	264	1443933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1956475	115.02	ng	0.00
7) Phenol-d6	6.80	99	2781483	120.21	ng	0.00
23) Nitrobenzene-d5	8.75	82	1881586	84.49	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	900407	119.26	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3835959	84.97	ng	0.00
79) Terphenyl-d14	19.60	244	4751876	83.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.72	163	469999	8.716	ng	100
71) Phenanthrene	17.05	178	302422	3.880	ng	98
75) Fluoranthene	19.03	202	558696	6.223	ng	99
78) Pyrene	19.39	202	507339	5.916	ng	98
81) Benzo(a)anthracene	21.10	228	250753	3.181	ng	95
83) Chrysene	21.15	228	250950	3.317	ng	97
88) Benzo(b)fluoranthene	22.66	252	326082m	4.142	ng	
90) Benzo(a)pyrene	23.22	252	237442	3.252	ng	# 94
92) Benzo(g,h,i)perylene	26.21	276	170132	2.289	ng	# 87

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

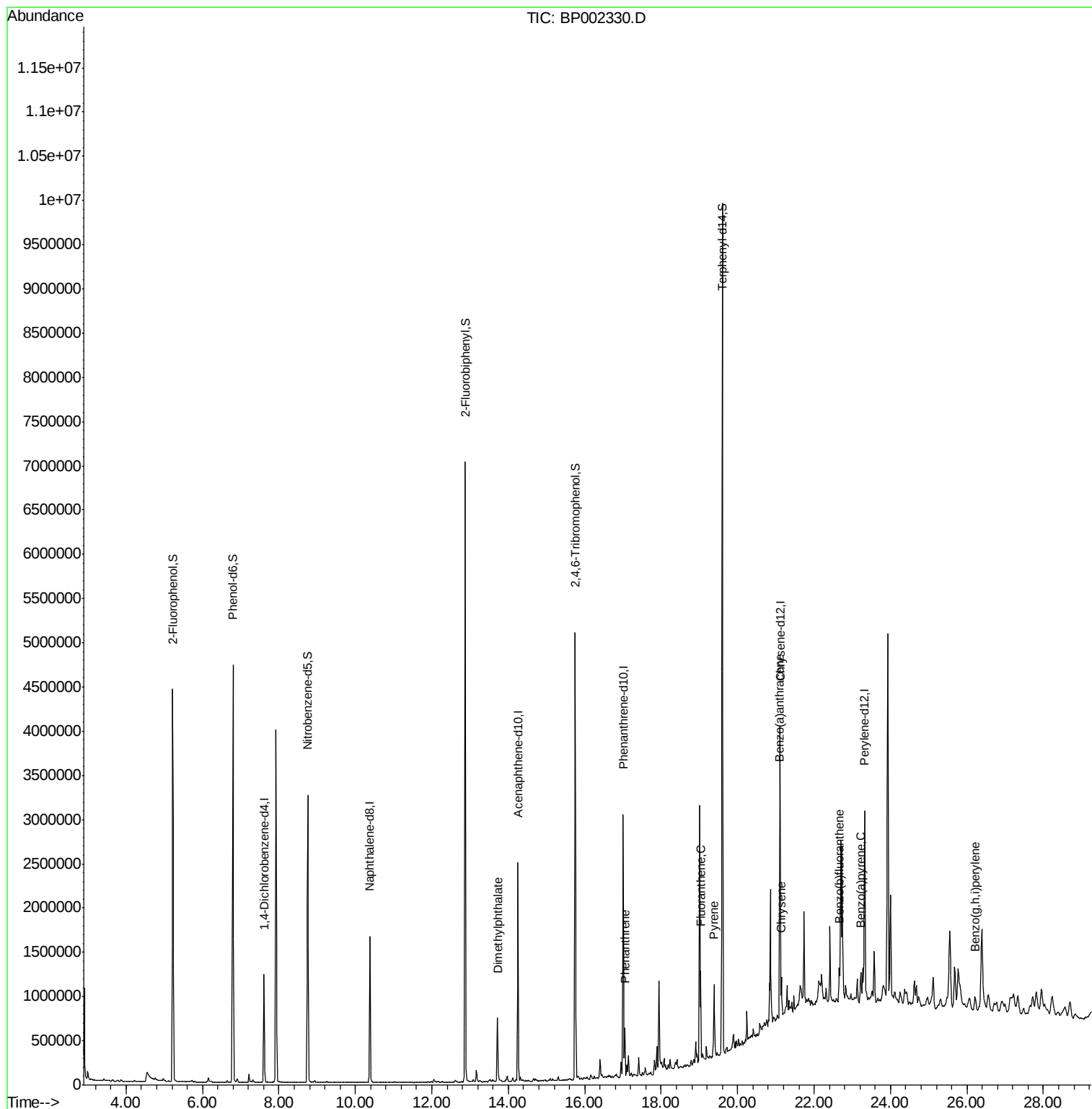
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002330.D
Acq On : 29 May 2020 23:43
Operator : CG/JU
Sample : L2745-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

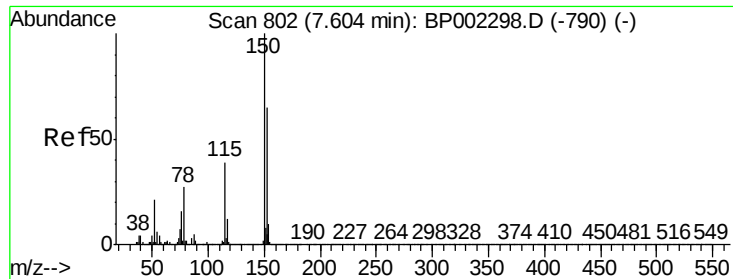
Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

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#1

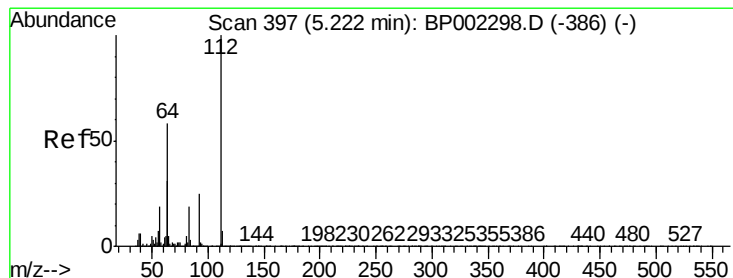
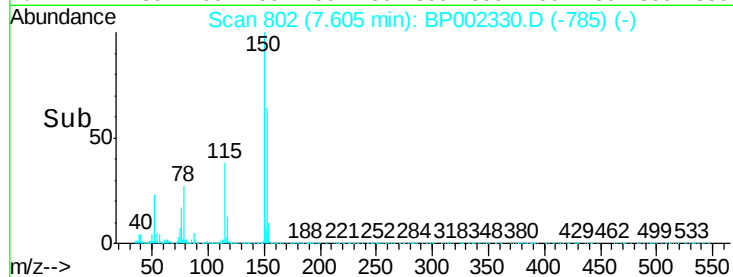
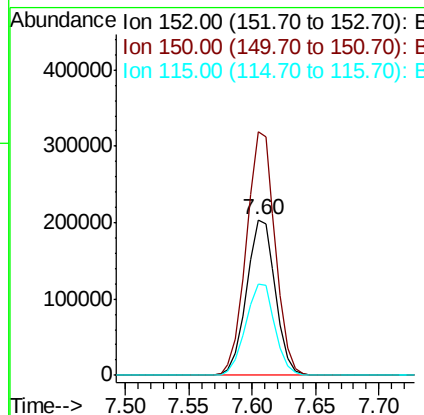
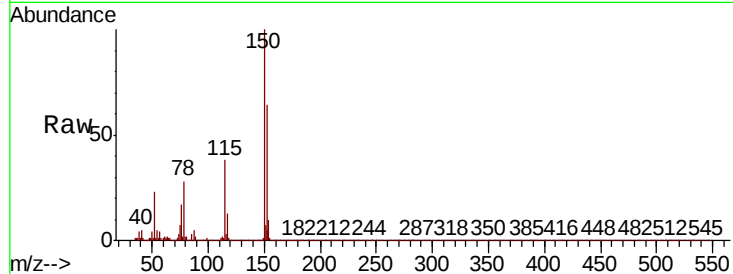
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.7	187.1
115	58.9	49.4	74.2

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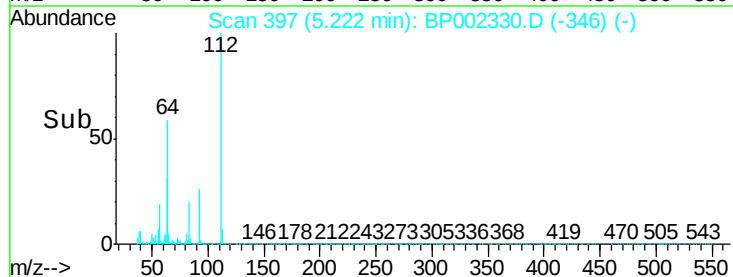
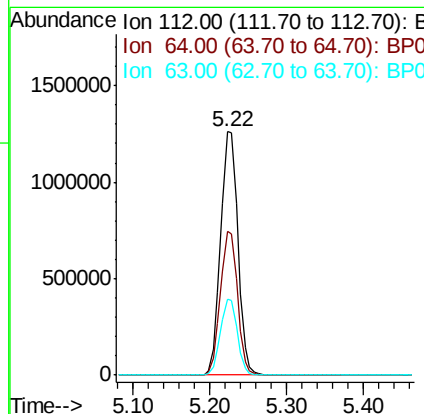
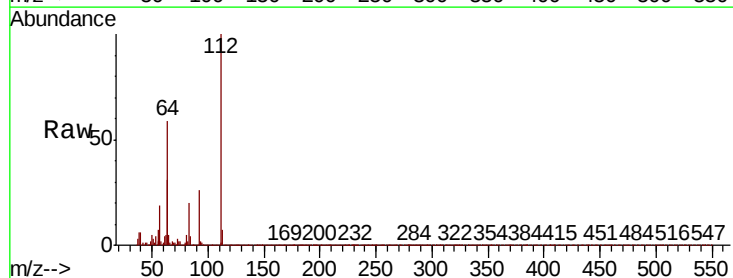
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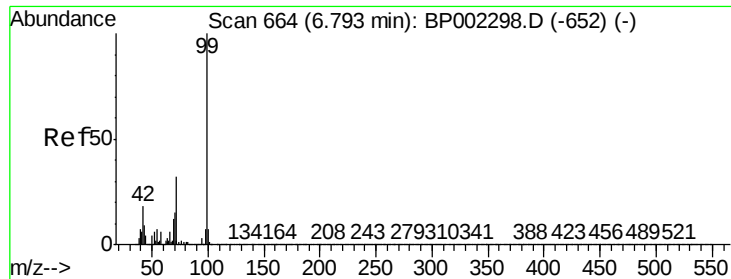


#5

2-Fluorophenol
Concen: 115.024 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.0	70.4
63	31.4	24.0	36.0





#7

Phenol-d6

Concen: 120.212 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

Instrument :

BNA_P

ClientSampleId :

NM80-COMP-2020-0-6

Tot Ion: 99 Resp: 2781483

Ion Ratio Lower Upper

99 100

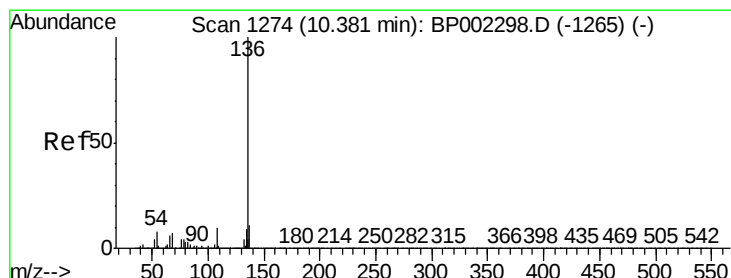
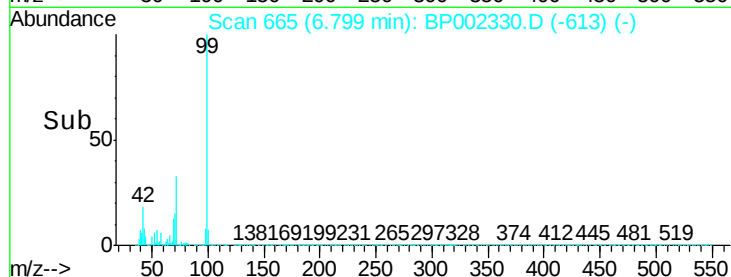
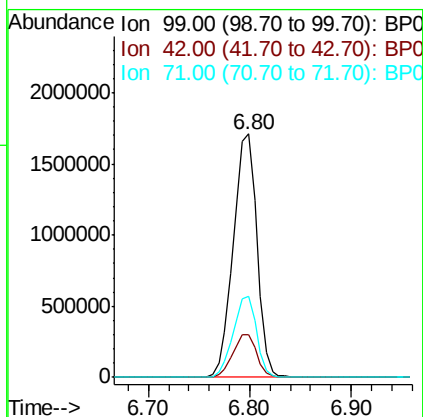
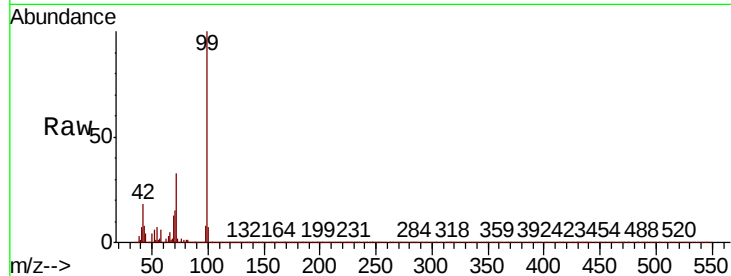
42 17.6 13.9 20.9

71 33.1 25.8 38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

Tgt Ion: 136 Resp: 1338956

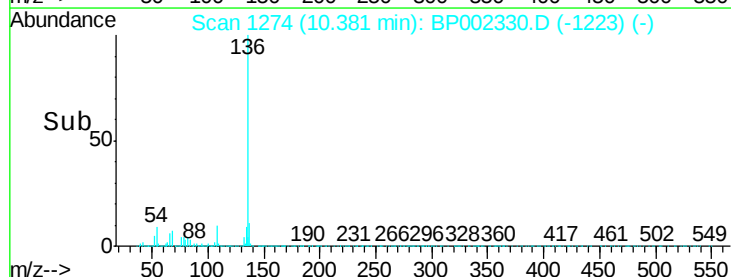
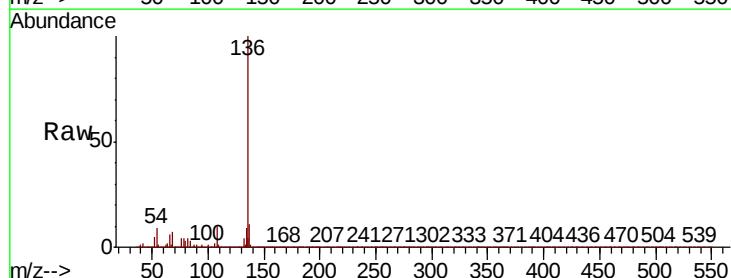
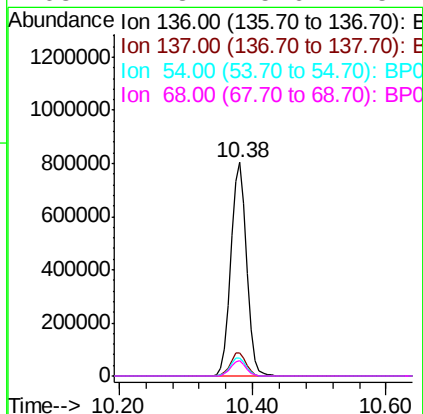
Ion Ratio Lower Upper

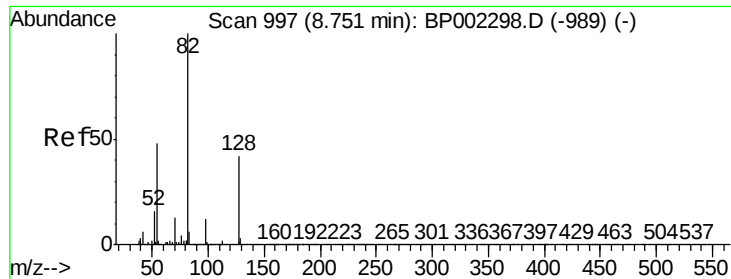
136 100

137 11.1 8.8 13.2

54 8.5 6.9 10.3

68 7.3 5.6 8.4





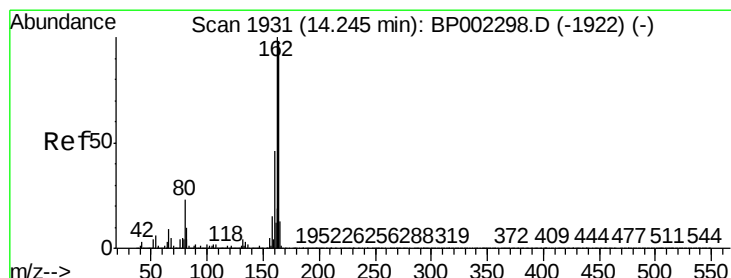
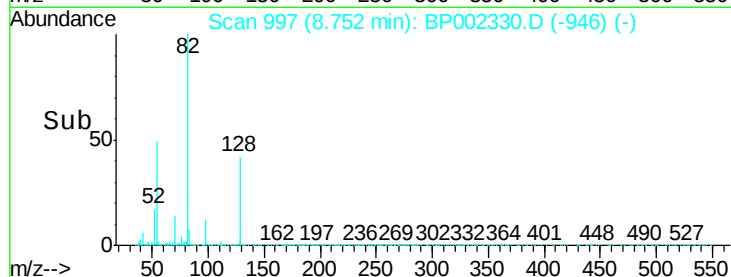
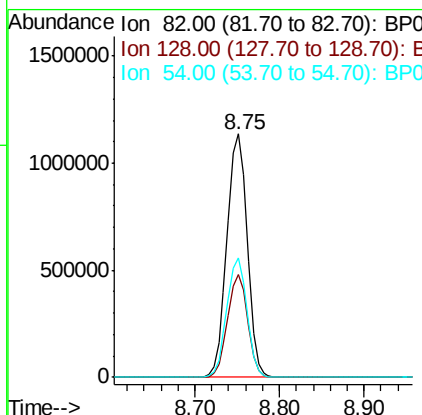
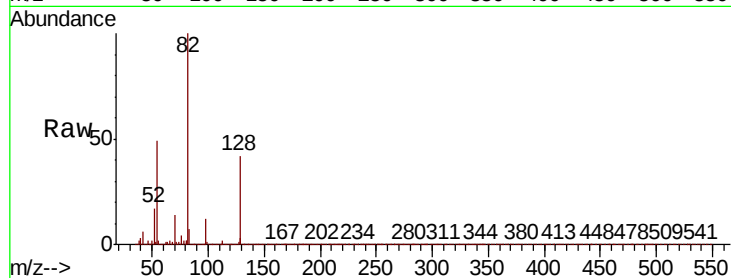
#23
Nitrobenzene-d5
Concen: 84.488 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

Tot Ion	82	Resp	1881586
Ion Ratio	100	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	48.9	38.3	57.5

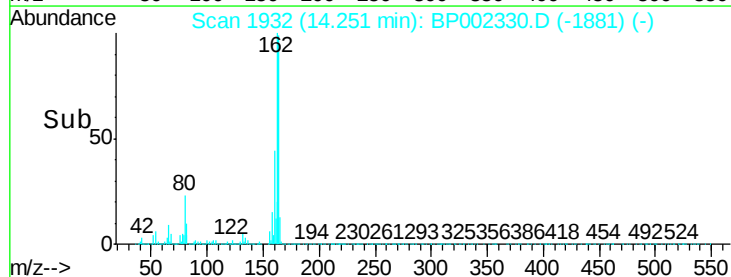
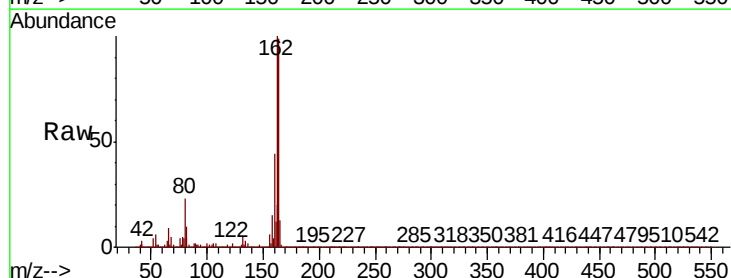
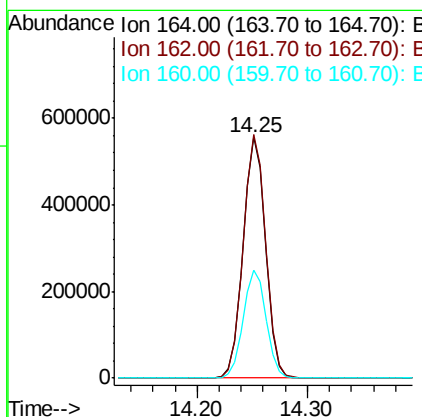
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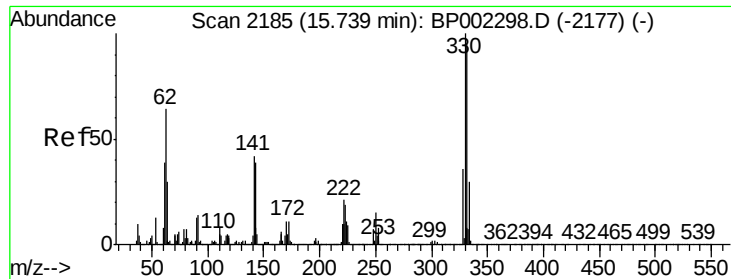
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion	164	Resp	796619
Ion Ratio	100	Lower	Upper
164	100		
162	101.2	81.3	121.9
160	44.8	37.2	55.8





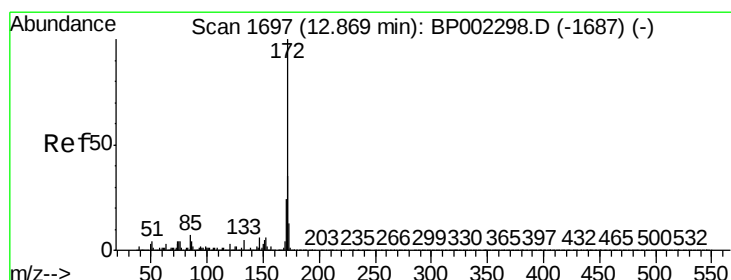
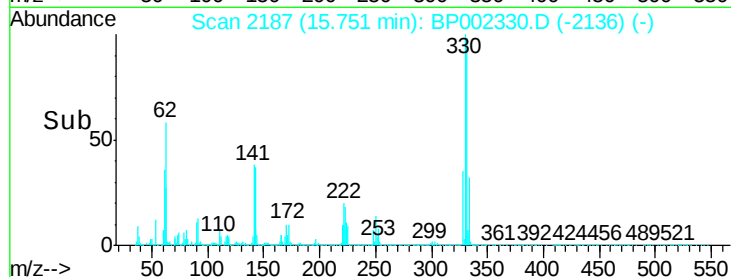
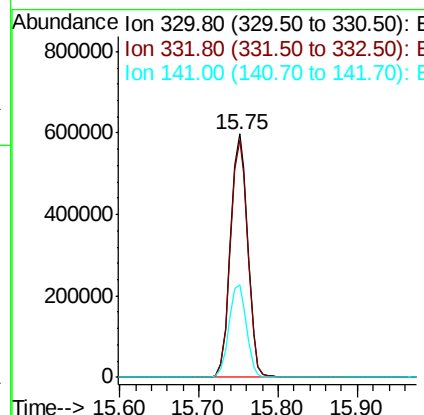
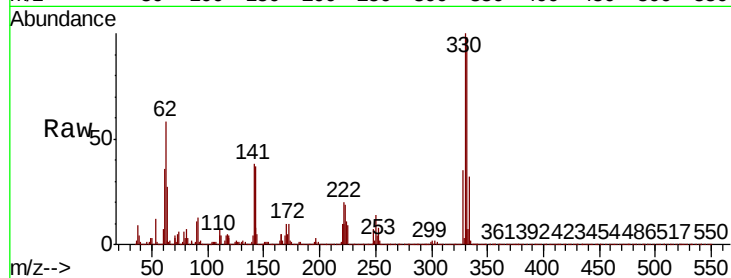
#42
2,4,6-Tribromophenol
Concen: 119.259 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	76.9	115.3	
141	38.6	31.4	47.2	

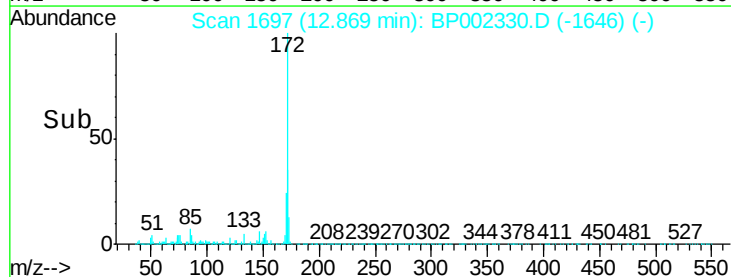
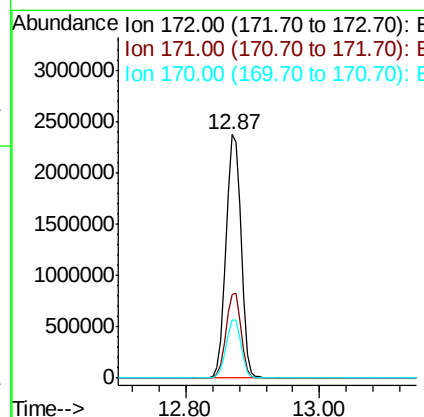
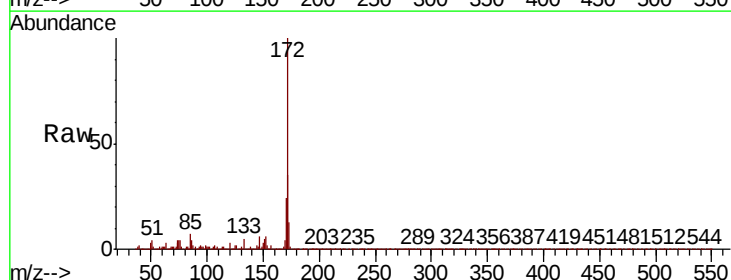
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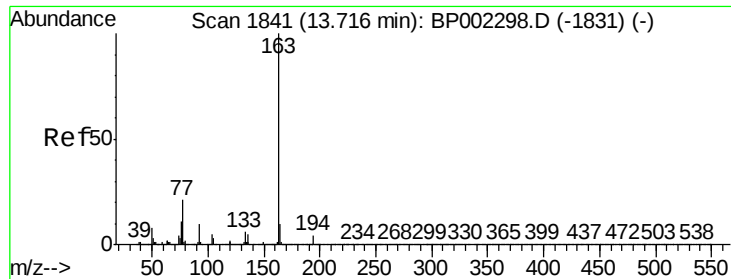
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#45
2-Fluorobiphenyl
Concen: 84.968 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	27.6	41.4	
170	24.0	18.9	28.3	





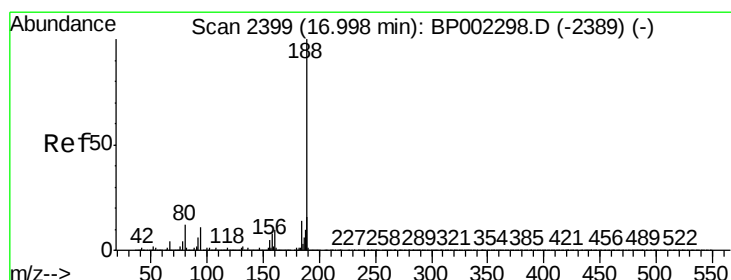
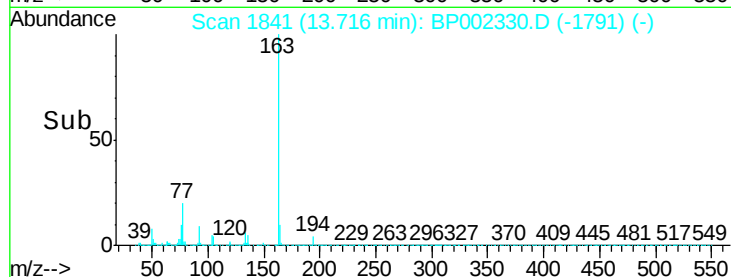
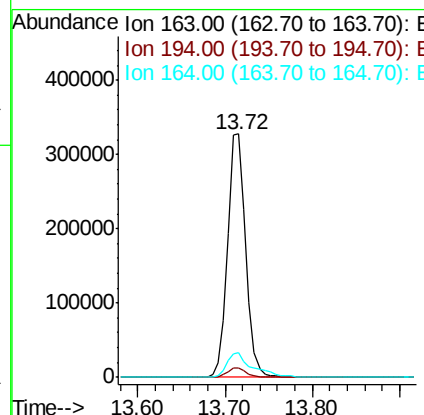
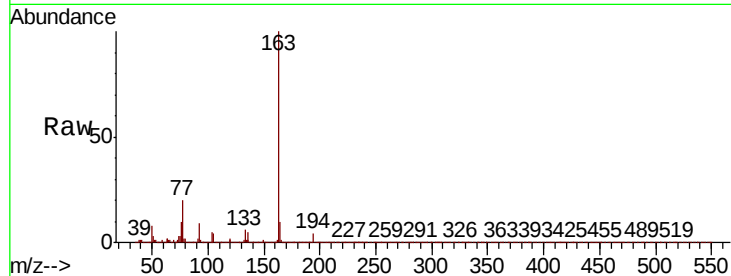
#50
Dimethylphthalate
Concen: 8.716 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

Tot Ion:	163	Resp:	469999
Ion Ratio		Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.1	12.1

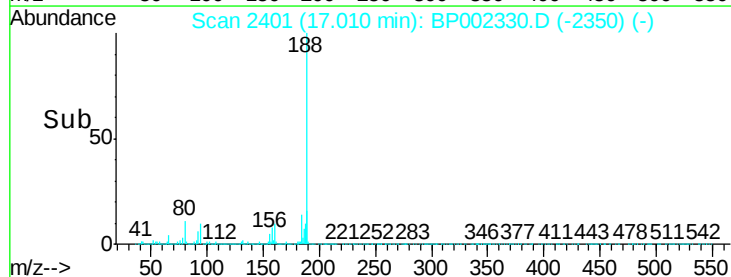
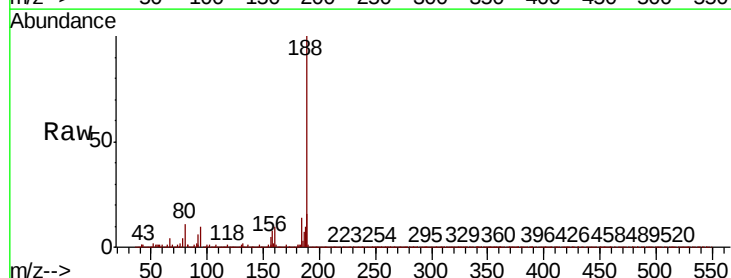
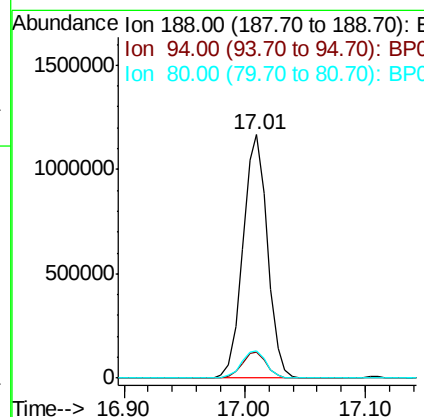
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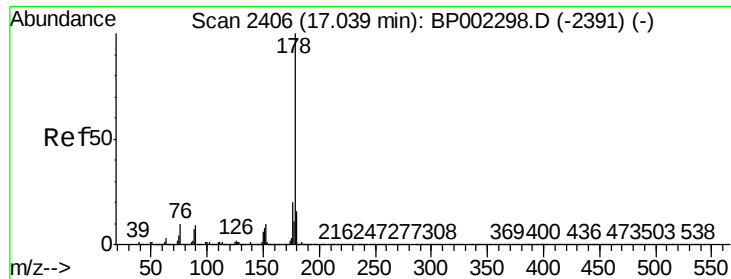
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion:	188	Resp:	1645537
Ion Ratio		Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.2	9.3	13.9





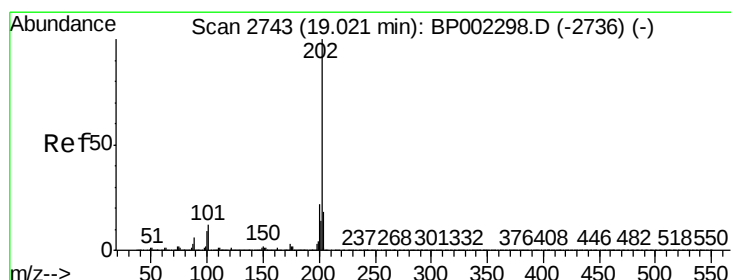
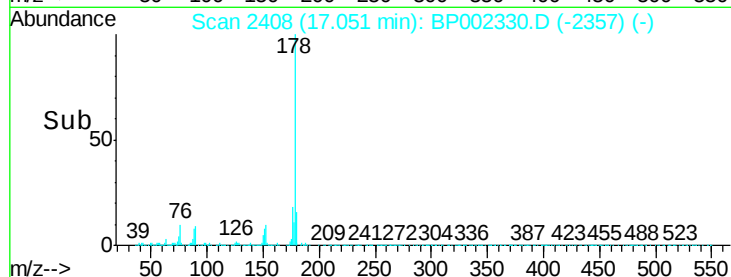
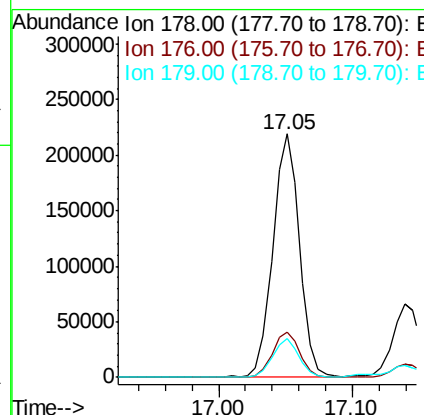
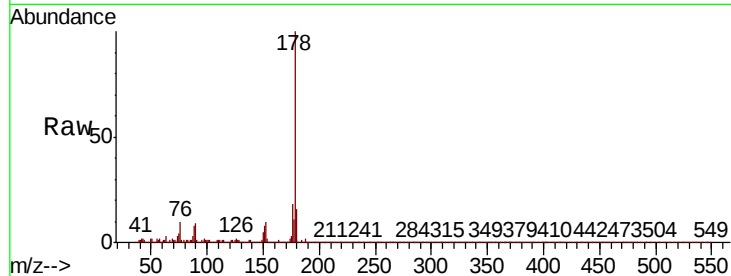
#71
Phenanthrene
Concen: 3.880 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.9	12.6	18.8

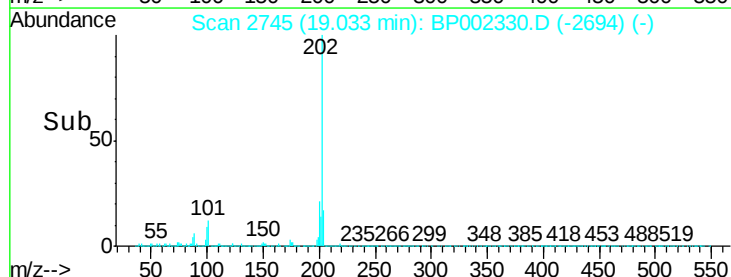
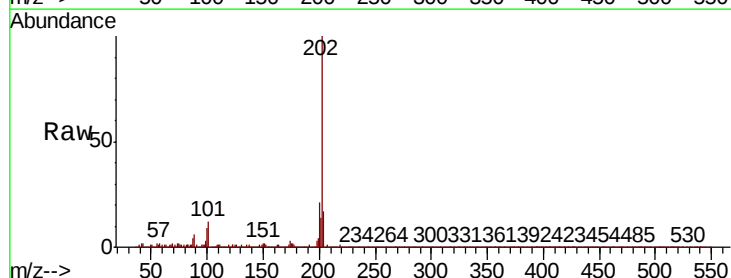
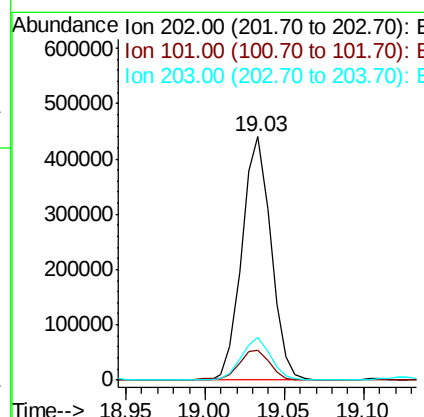
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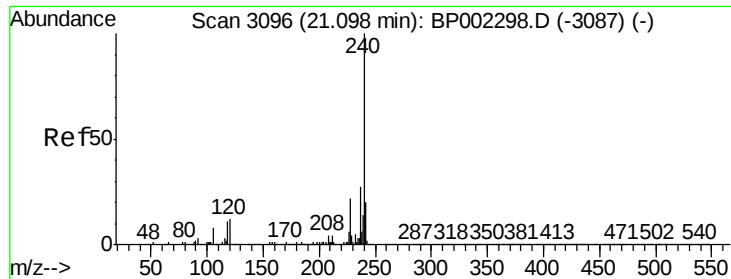
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#75
Fluoranthene
Concen: 6.223 ng
RT: 19.03 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
203	17.3	0.0	37.6





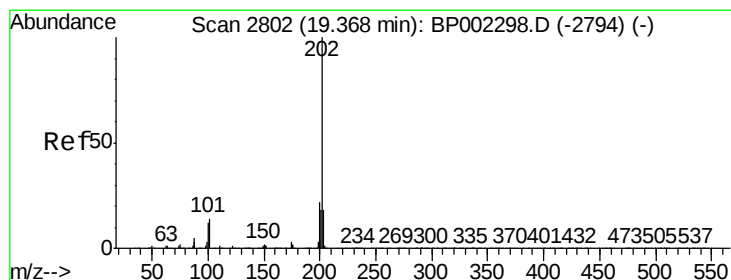
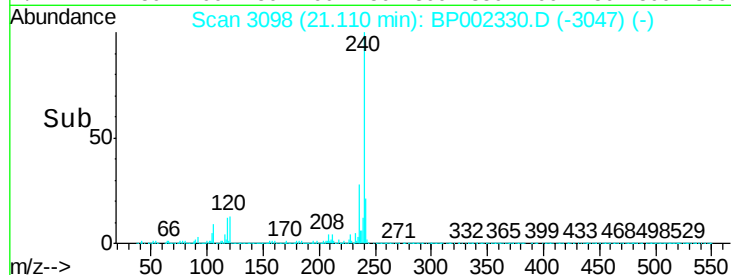
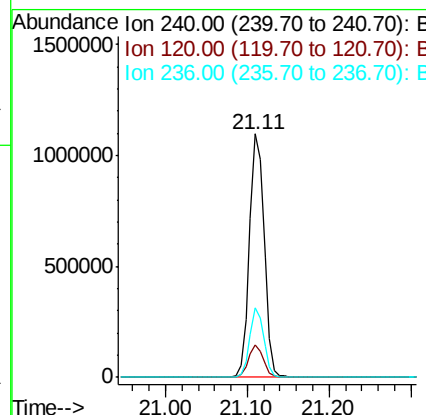
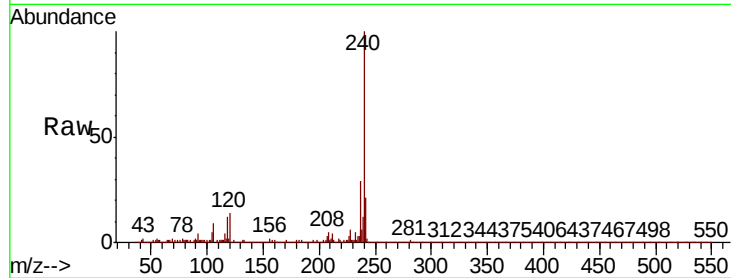
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

Tot Ion:240 Resp: 1377102
Ion Ratio Lower Upper
240 100
120 13.5 8.7 13.1#
236 28.5 21.0 31.4

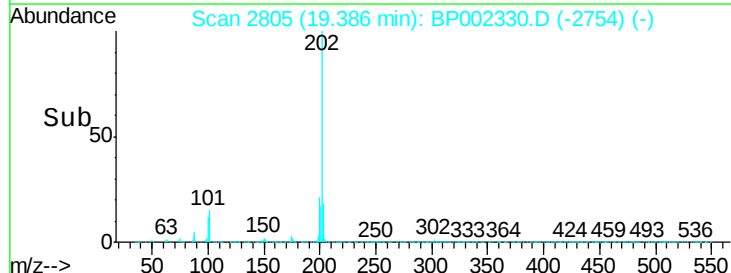
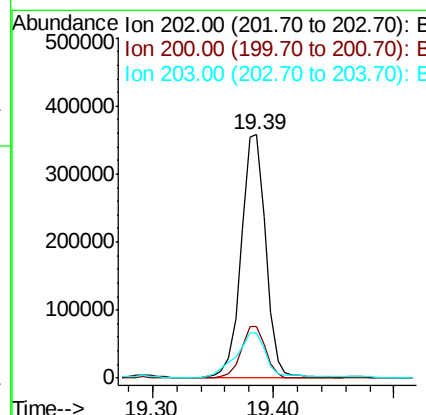
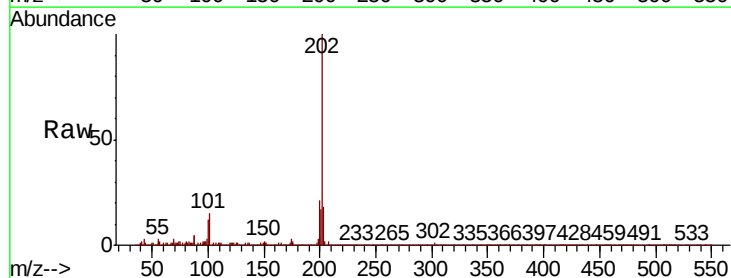
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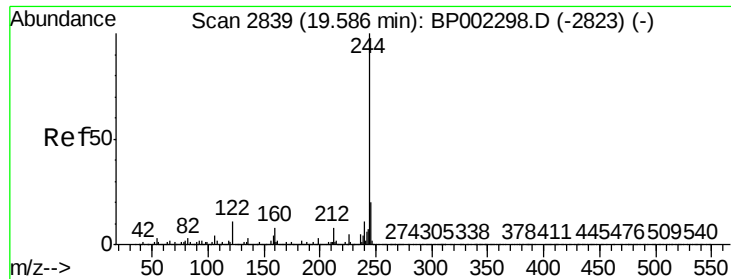
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#78
Pyrene
Concen: 5.916 ng
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion:202 Resp: 507339
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.5 13.8 20.6





#79

Terphenyl-d14

Concen: 83.565 ng

RT: 19.60 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

Instrument :

BNA_P

ClientSampleId :

NM80-COMP-2020-0-6

Tot Ion:244 Resp: 4751876

Ion Ratio Lower Upper

244 100

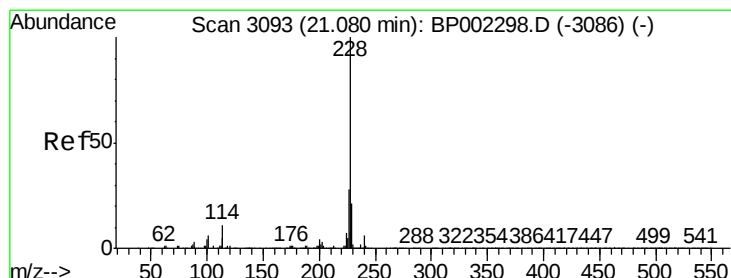
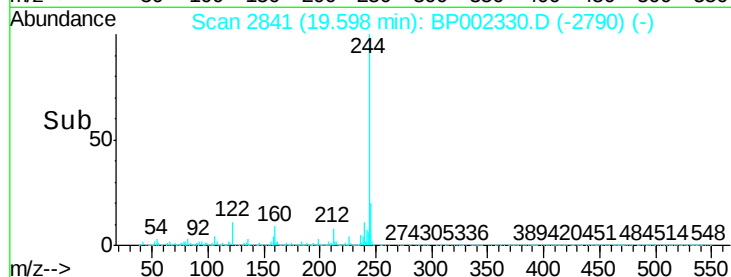
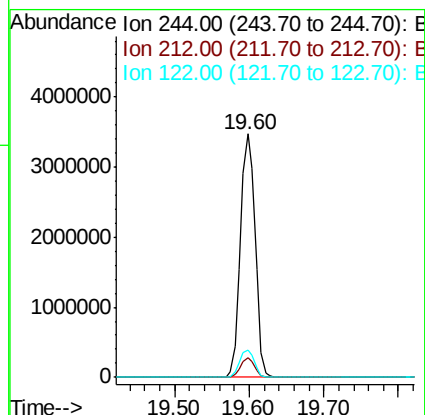
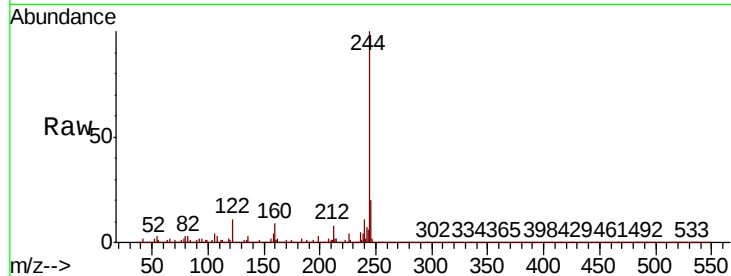
212 8.2 6.4 9.6

122 11.0 9.4 14.0

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#81

Benzo(a)anthracene

Concen: 3.181 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

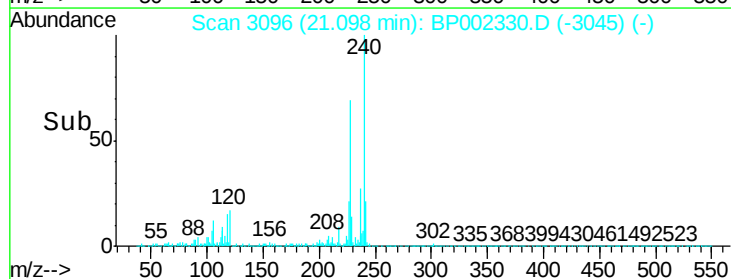
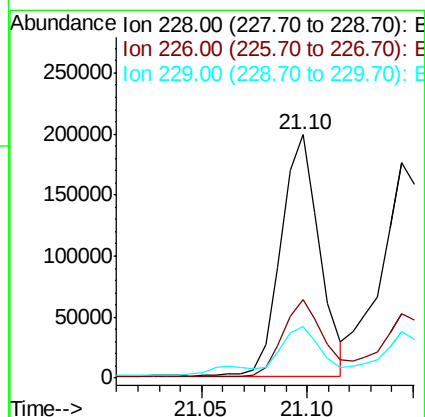
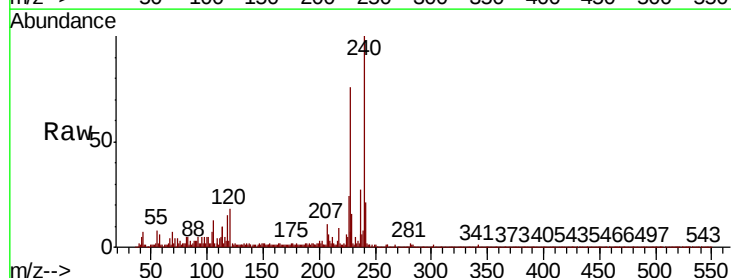
Tgt Ion:228 Resp: 250753

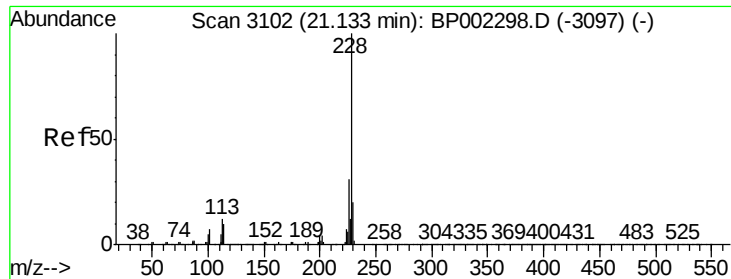
Ion Ratio Lower Upper

228 100

226 32.1 22.7 34.1

229 21.0 16.3 24.5





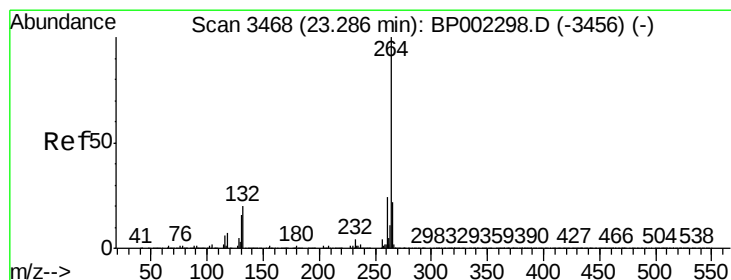
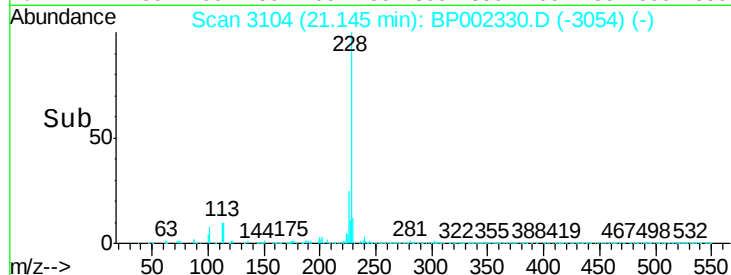
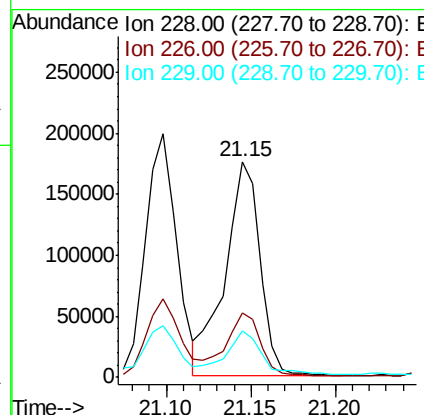
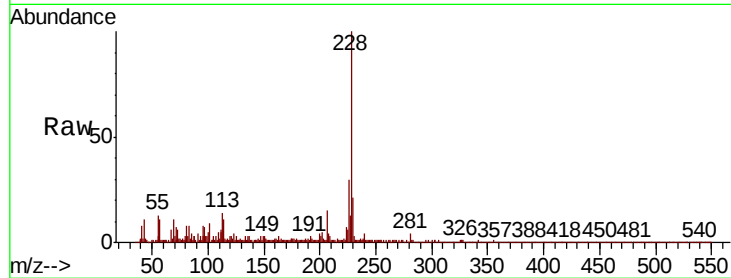
#83
Chrysene
Concen: 3.317 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

Tot Ion:	228	Resp:	250950
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	21.4	16.2	24.4

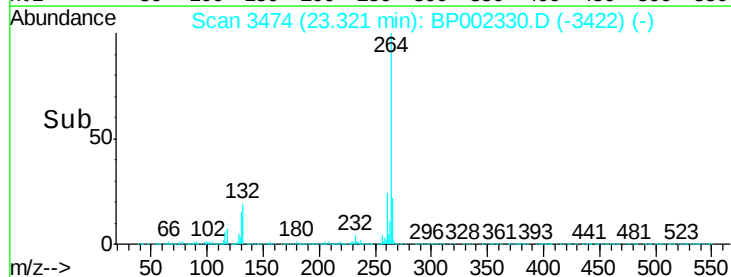
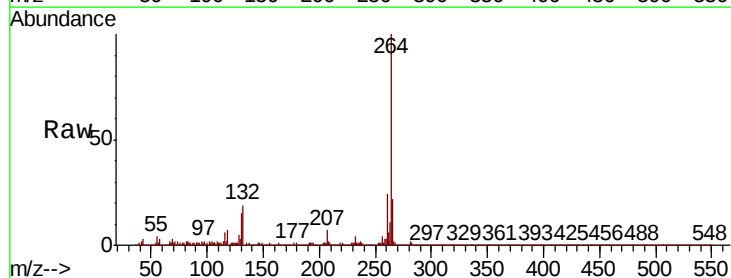
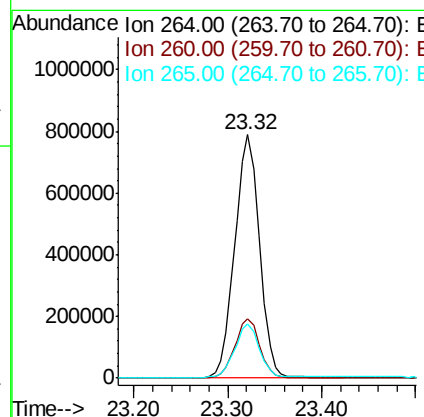
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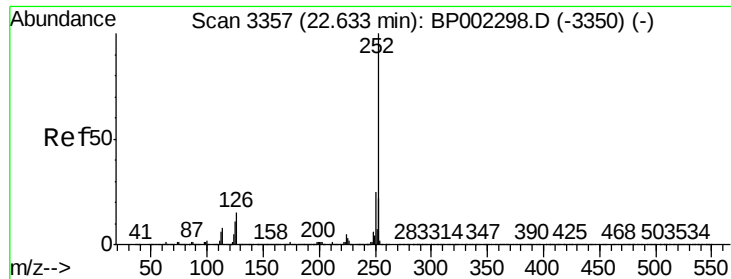
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion:	264	Resp:	1443933
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.2
265	22.2	17.8	26.6





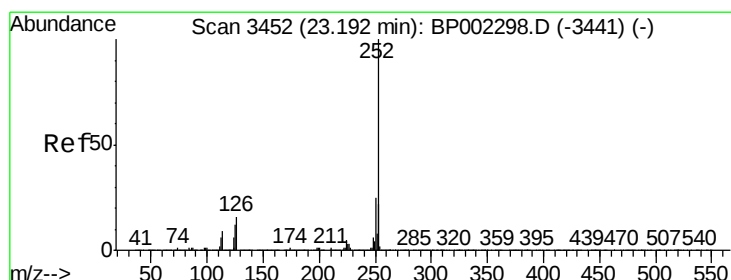
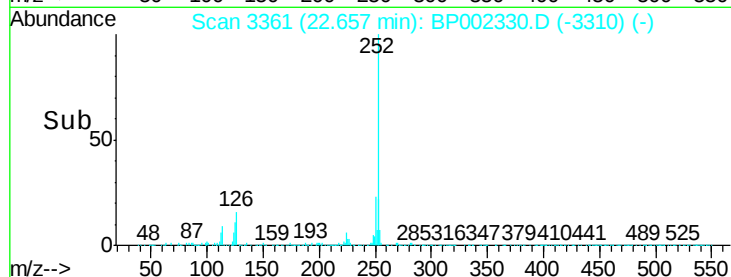
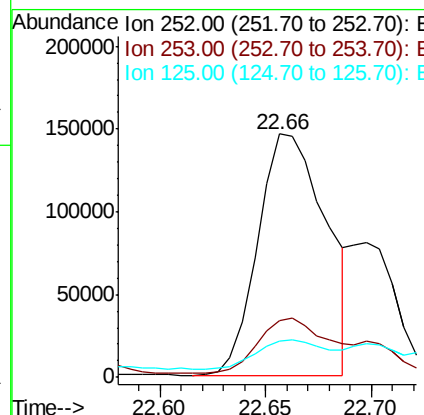
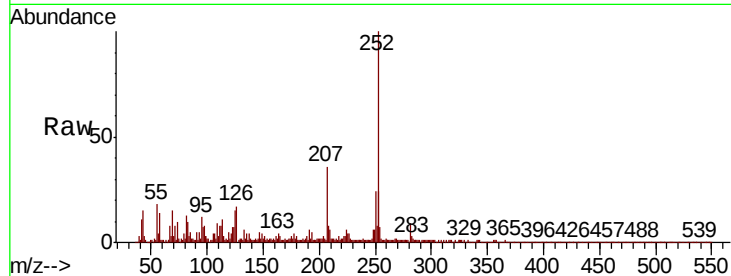
#88
Benzo(b)fluoranthene
Concen: 4.142 ng m
RT: 22.66 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :
NM80-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	14.7	7.2	10.8

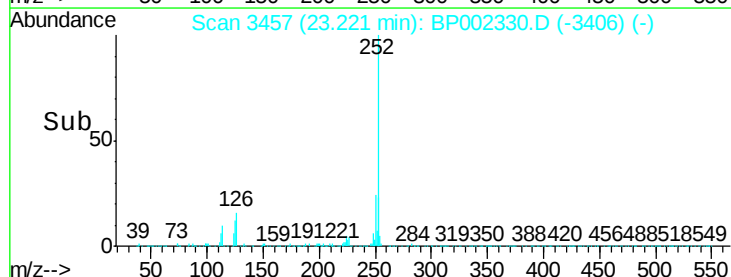
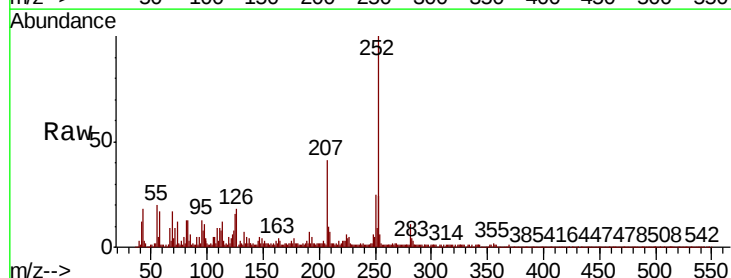
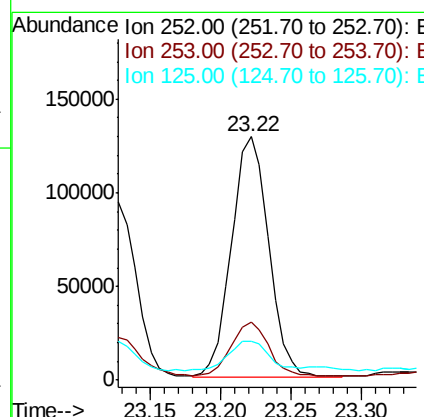
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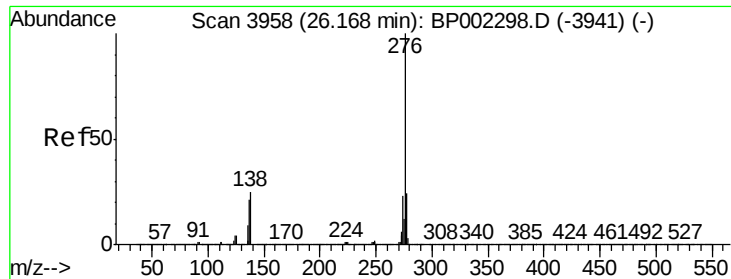
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#90
Benzo(a)pyrene
Concen: 3.252 ng
RT: 23.22 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	15.9	8.4	12.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.289 ng
 RT: 26.21 min Scan# 3965
 Delta R.T. -0.01 min
 Lab File: BP002330.D
 Acq: 29 May 2020 23:43

Instrument :
 BNA_P
 ClientSampleId :
 NM80-COMP-2020-0-6

Tot Ion:	276	Resp:	170132
Ion Ratio	Lower	Upper	
276	100		
277	25.7	18.6	28.0
138	30.7	16.0	24.0#

Manual Integrations
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