

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002323.D
 Acq On : 29 May 2020 19:44
 Operator : CG/JU
 Sample : L2746-02 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NMDUP02-COMP-2020-0-6

Manual Integrations
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mohammad
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Quant Time: May 30 01:56:11 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	314366	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1304870	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	778281	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1628353	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1454741	20.00	ng	0.00
86) Perylene-d12	23.32	264	1520989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	897604	53.63	ng	0.00
7) Phenol-d6	6.79	99	1227651	53.92	ng	0.00
23) Nitrobenzene-d5	8.75	82	800223	36.87	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	407287	55.22	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1751289	39.71	ng	0.00
79) Terphenyl-d14	19.59	244	2476603	41.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	202358	3.841	ng	99
71) Phenanthrene	17.05	178	796893	10.332	ng	99
72) Anthracene	17.14	178	242558	3.196	ng	99
75) Fluoranthene	19.03	202	1176097	13.239	ng	99
78) Pyrene	19.38	202	1100534	12.149	ng	98
81) Benzo(a)anthracene	21.09	228	567249	6.812	ng	100
83) Chrysene	21.15	228	503793	6.304	ng	97
87) Indeno(1,2,3-cd)pyrene	25.53	276	308934	3.281	ng	97
88) Benzo(b)fluoranthene	22.66	252	652961m	7.874	ng	
89) Benzo(k)fluoranthene	22.70	252	207060m	2.602	ng	
90) Benzo(a)pyrene	23.22	252	491352	6.388	ng	# 94
92) Benzo(a,h,i)perylene	26.21	276	304989	3.895	ng	# 93

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

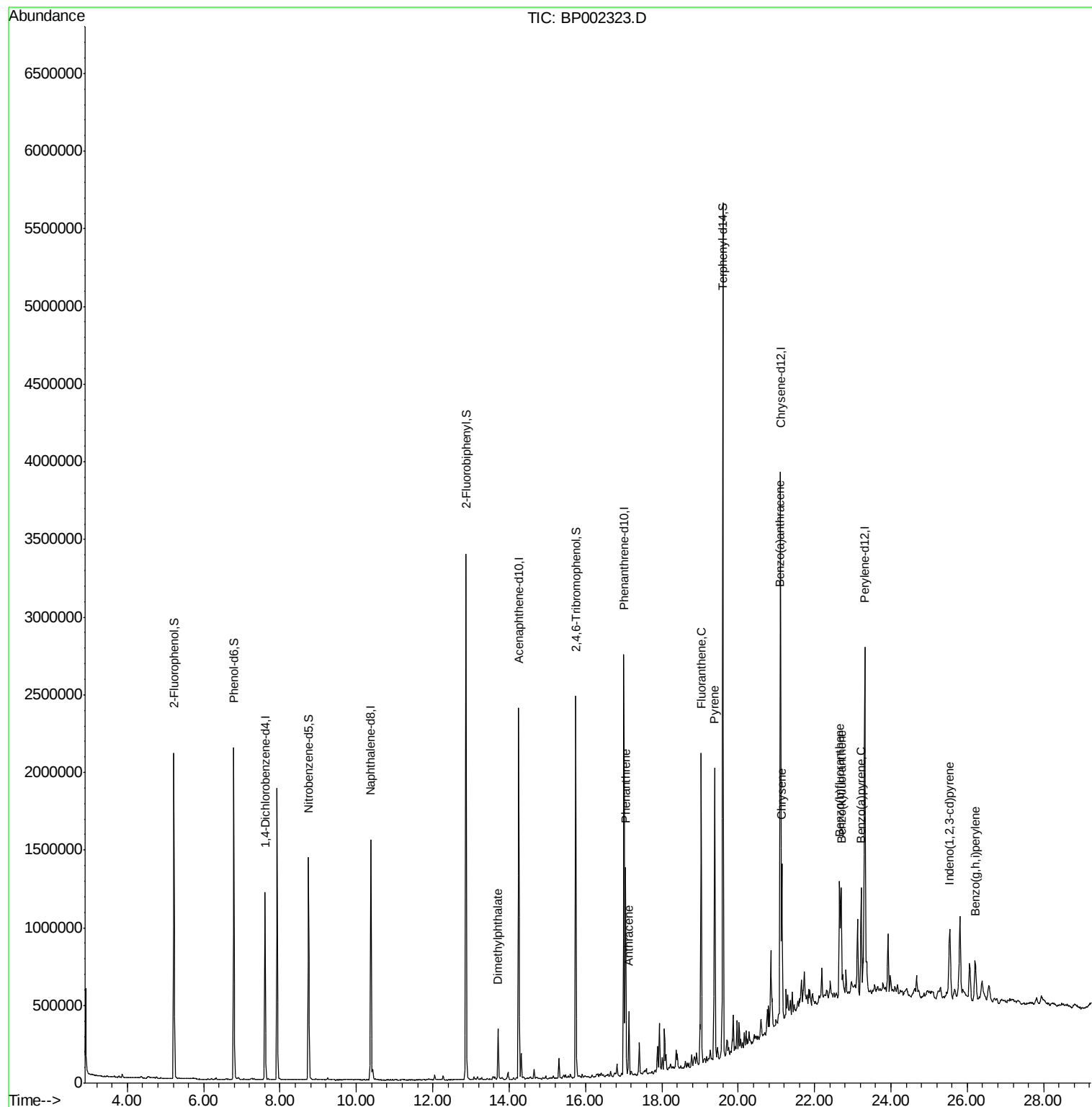
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002323.D
Acq On : 29 May 2020 19:44
Operator : CG/JU
Sample : L2746-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

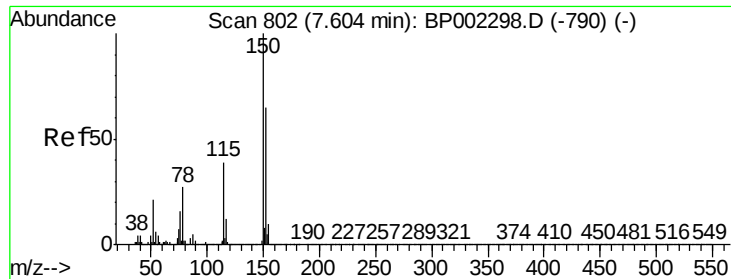
Instrument :
BNA_P
ClientSampleId :
NMDUP02-COMP-2020-0-6

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Quant Time: May 30 01:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

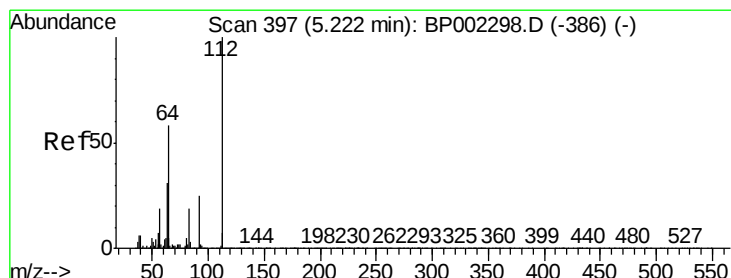
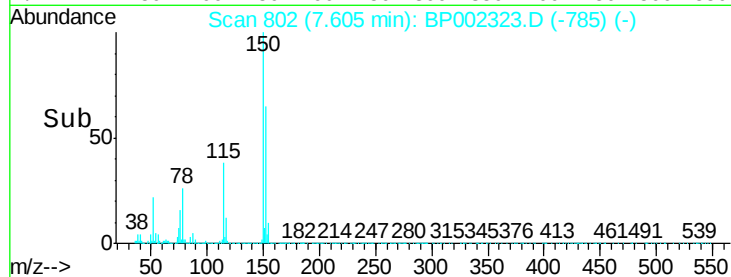
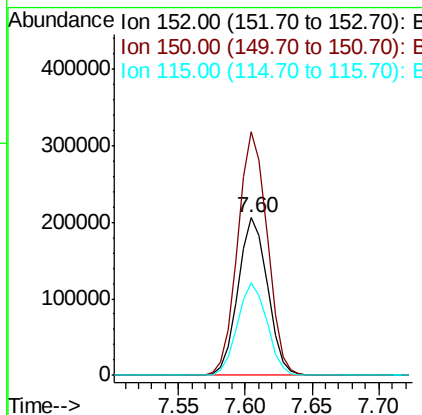
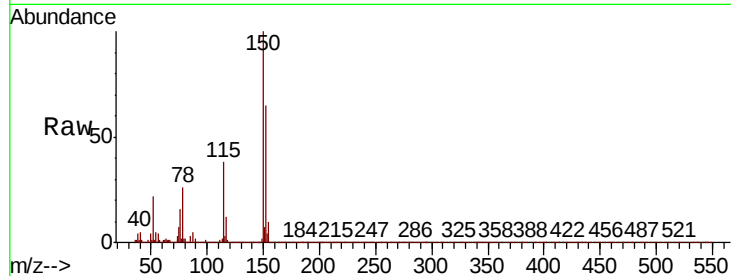
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. 0.00 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Instrument :
BNA_P
ClientSampleId :
NMDUP02-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	58.8	49.4	74.2

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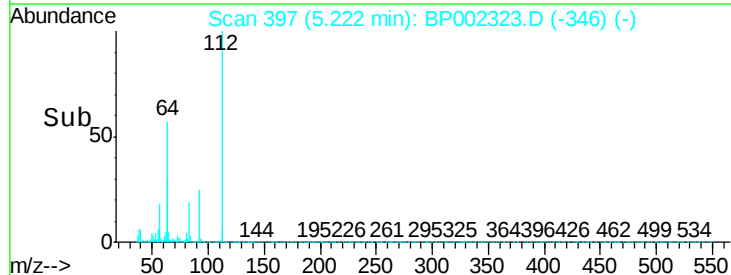
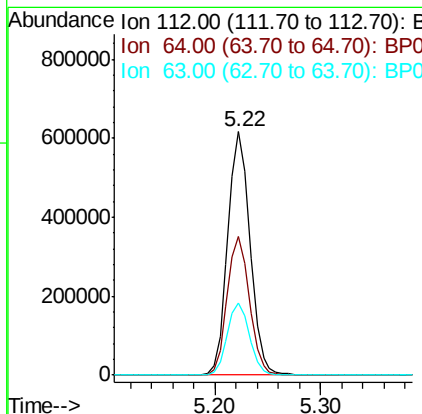
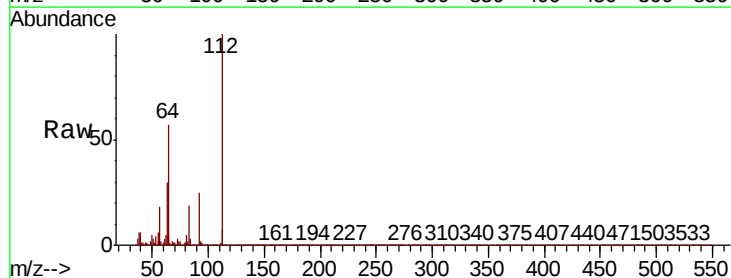
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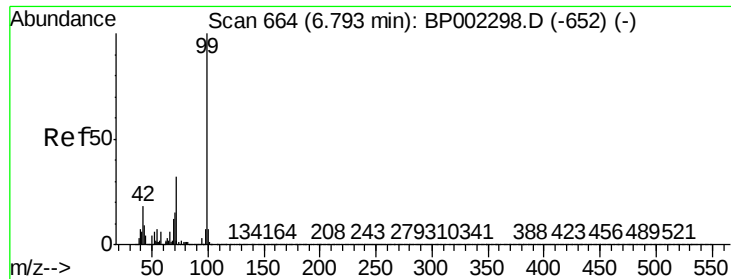


#5

2-Fluorophenol
Concen: 53.626 ng
RT: 5.22 min Scan# 397
Delta R.T. 0.00 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.0	70.4
63	29.7	24.0	36.0





#7

Phenol-d6

Concen: 53.917 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BP002323.D

Acq: 29 May 2020 19:44

Instrument :

BNA_P

ClientSampleId :

NMDUP02-COMP-2020-0-6

Tot Ion: 99 Resp: 1227651

Ion Ratio Lower Upper

99 100

42 17.7 13.9 20.9

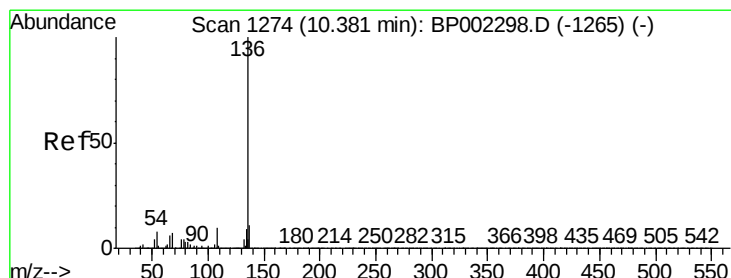
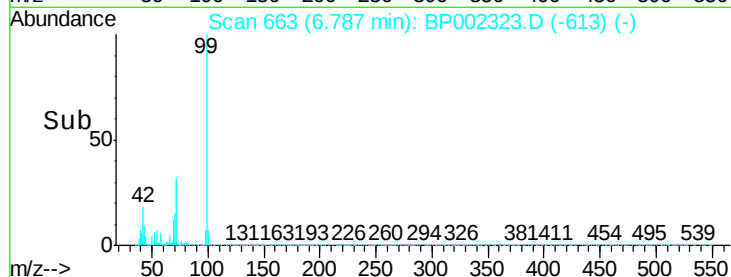
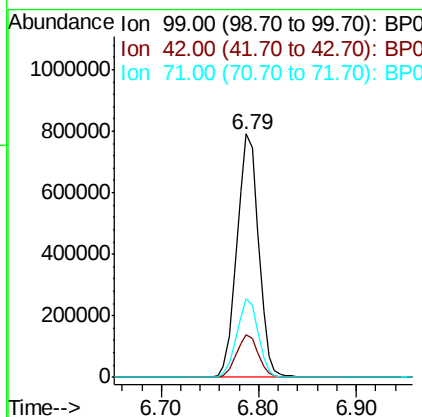
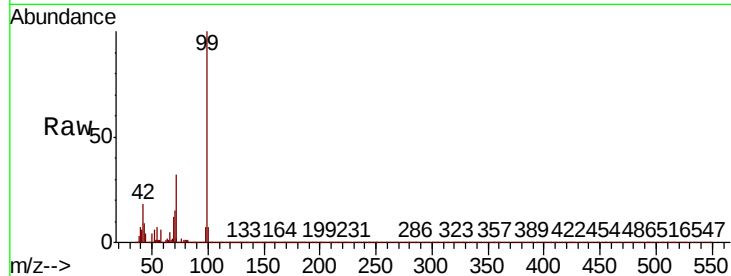
71 32.0 25.8 38.8

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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: BP002323.D

Acq: 29 May 2020 19:44

Tgt Ion: 136 Resp: 1304870

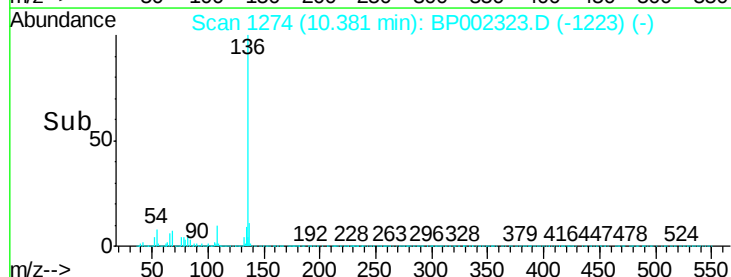
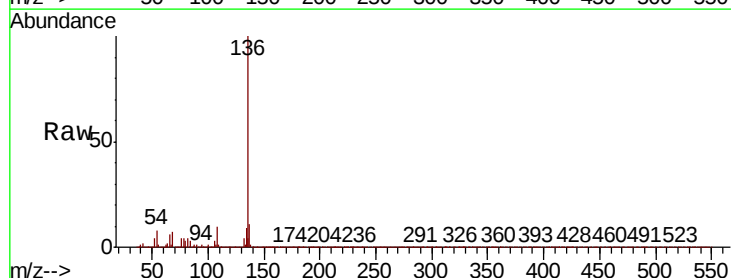
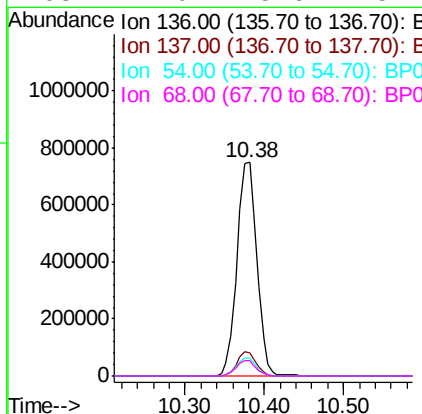
Ion Ratio Lower Upper

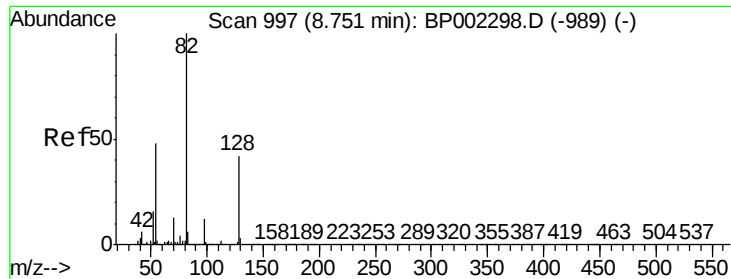
136 100

137 11.0 8.8 13.2

54 8.3 6.9 10.3

68 7.0 5.6 8.4





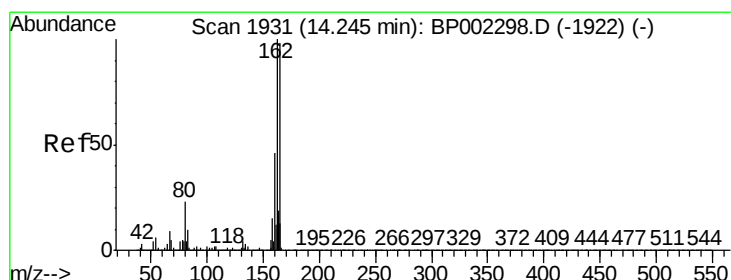
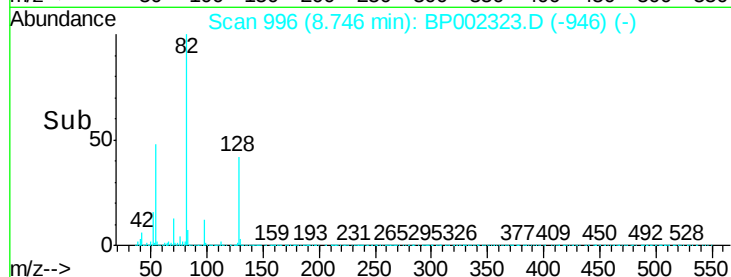
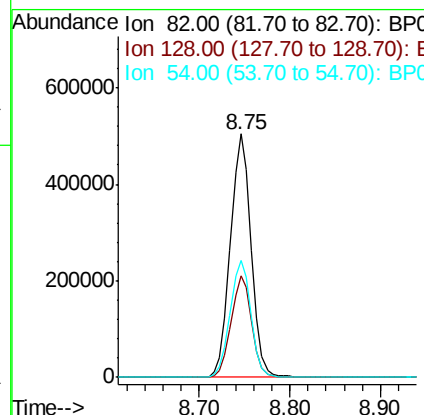
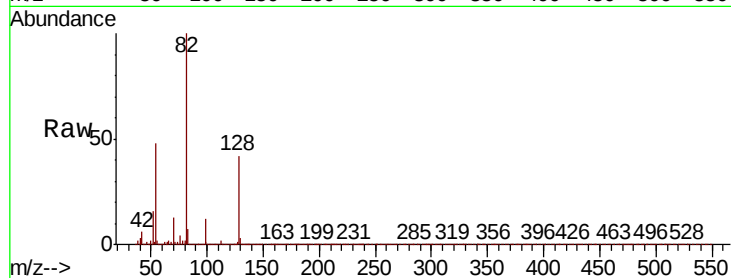
#23
Nitrobenzene-d5
Concen: 36.871 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Instrument :
BNA_P
ClientSampleId :
NMDUP02-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	48.2	38.3	57.5

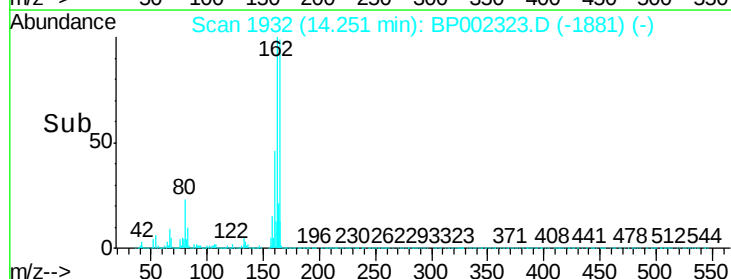
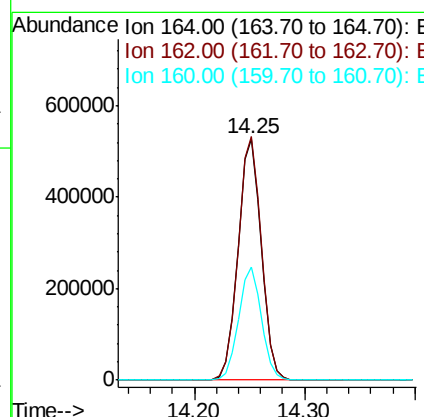
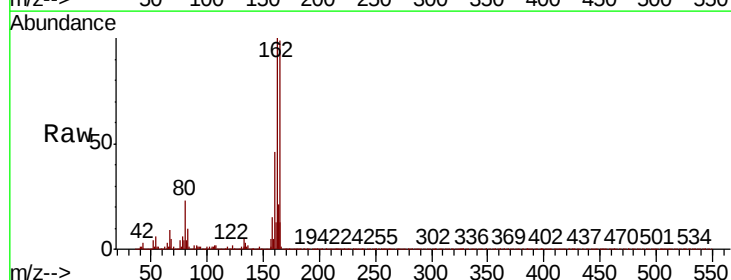
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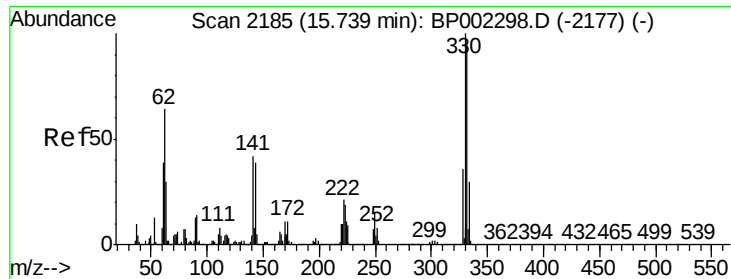
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	46.9	37.2	55.8





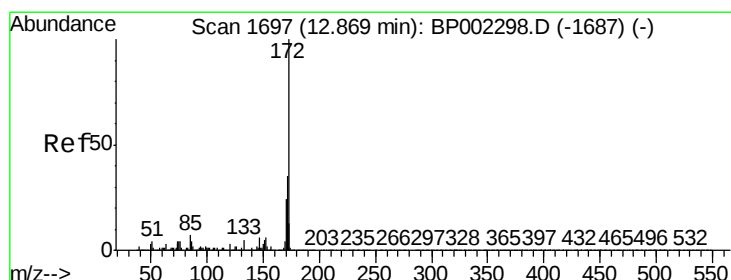
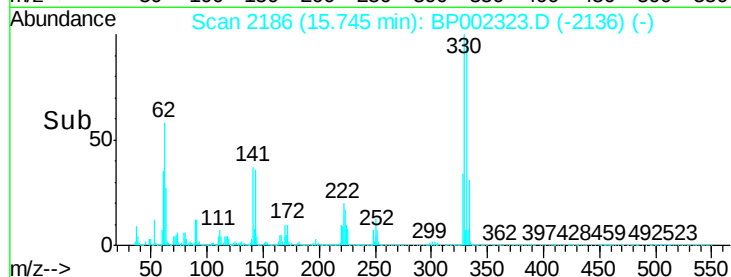
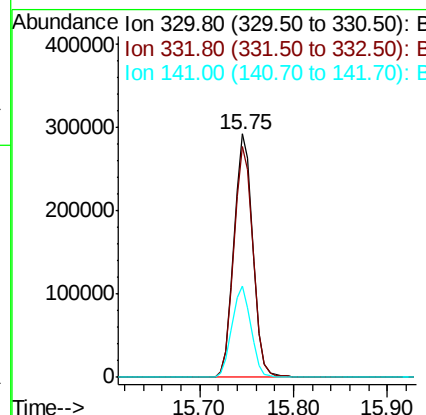
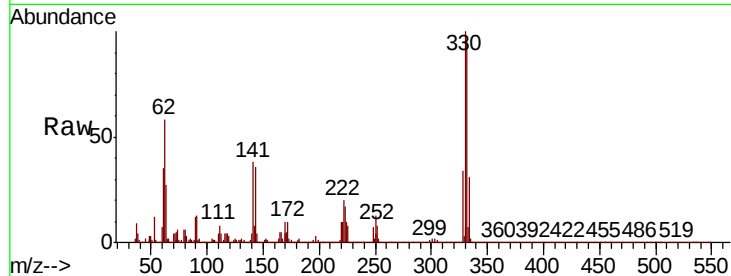
#42
 2,4,6-Tribromophenol
 Concen: 55.216 ng
 RT: 15.75 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BP002323.D
 Acq: 29 May 2020 19:44

Instrument :
 BNA_P
 ClientSampleId :
 NMDUP02-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	407287		
332	96.3	76.9	115.3	
141	38.0	31.4	47.2	

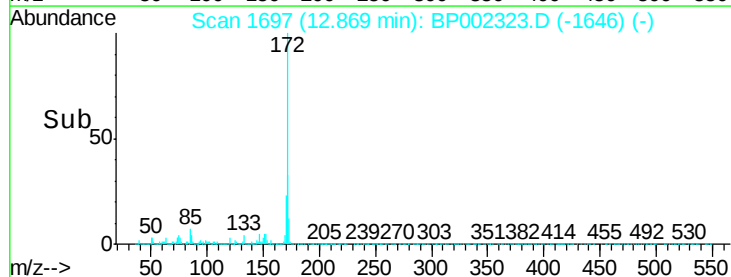
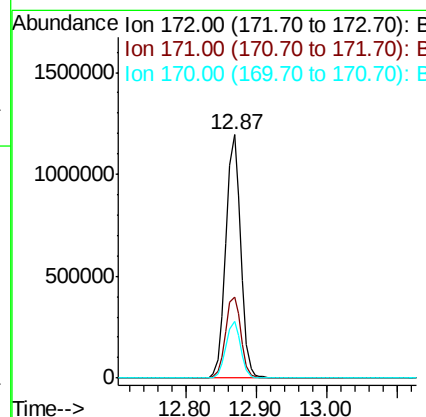
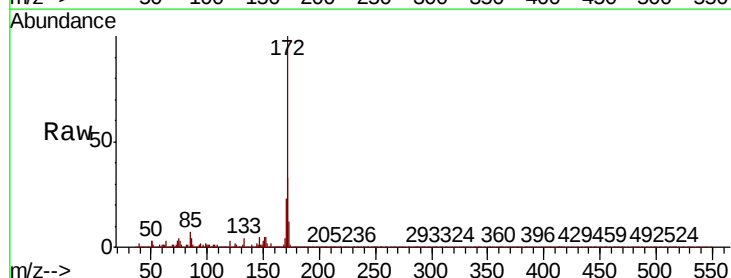
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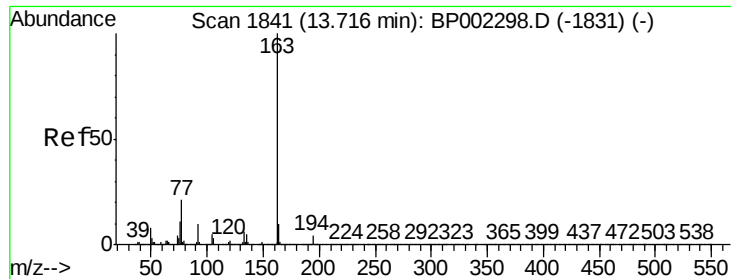
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#45
 2-Fluorobiphenyl
 Concen: 39.706 ng
 RT: 12.87 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BP002323.D
 Acq: 29 May 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1751289		
171	33.4	27.6	41.4	
170	23.2	18.9	28.3	





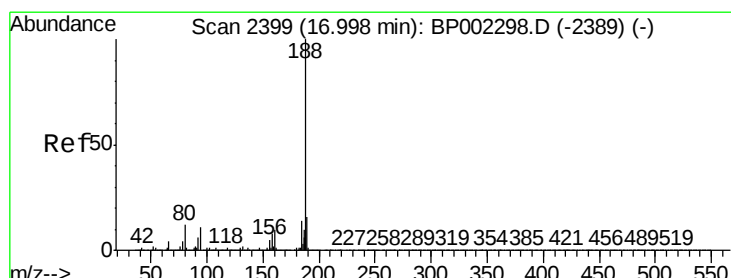
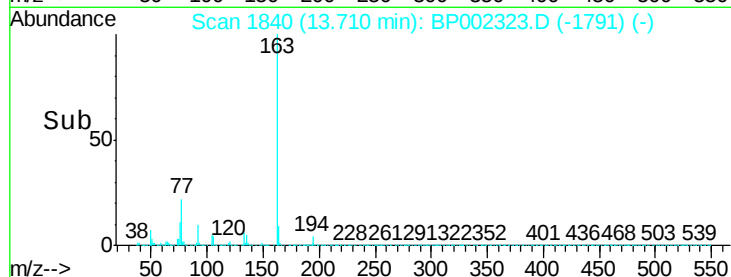
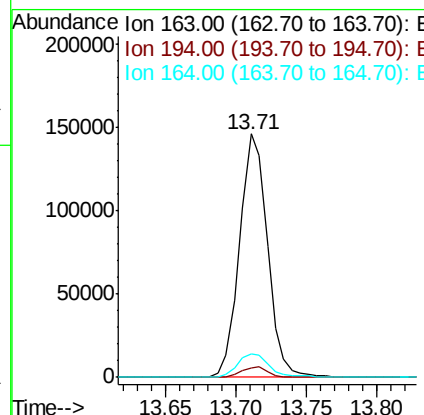
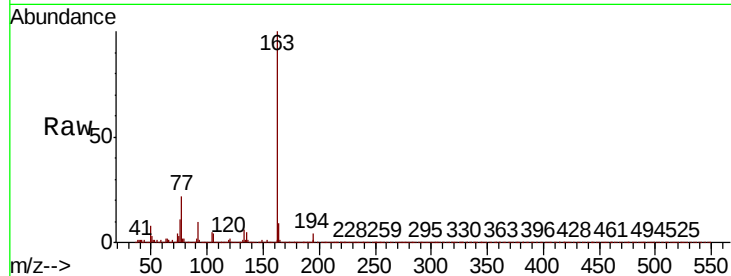
#50
Dimethylphthalate
Concen: 3.841 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Instrument :
BNA_P
ClientSampleId :
NMDUP02-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.4	8.1	12.1

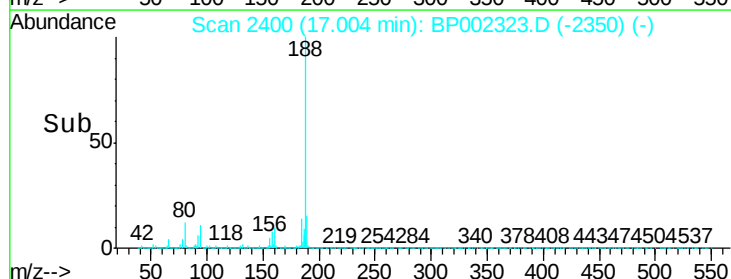
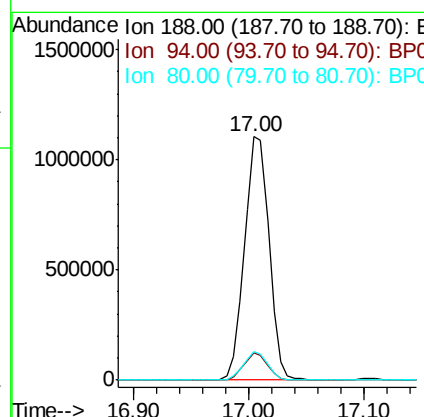
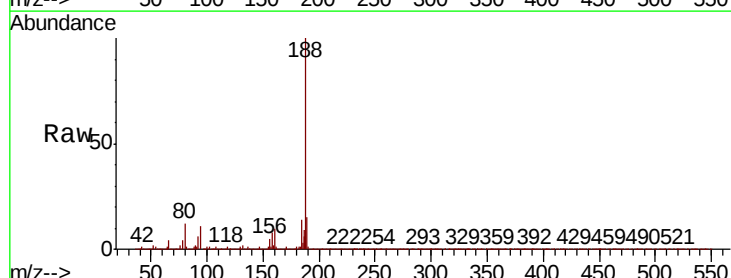
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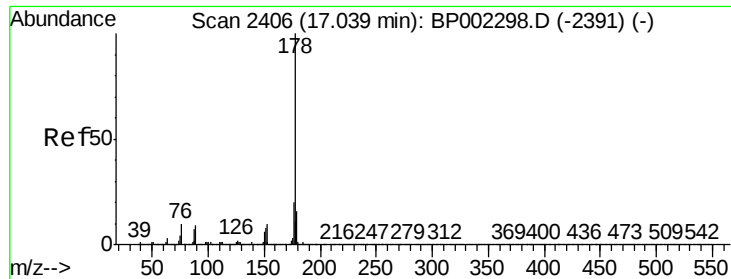
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	8.7	13.1
80	11.7	9.3	13.9





#71

Phenanthrene

Concen: 10.332 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BP002323.D

Acq: 29 May 2020 19:44

Instrument :

BNA_P

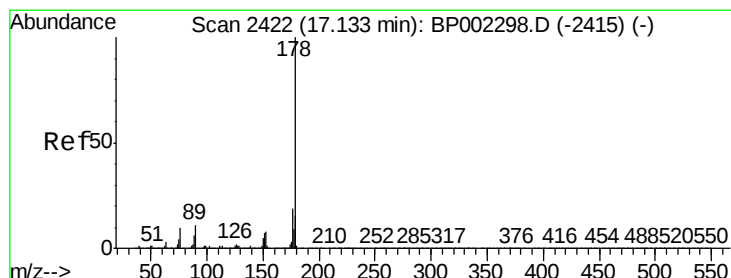
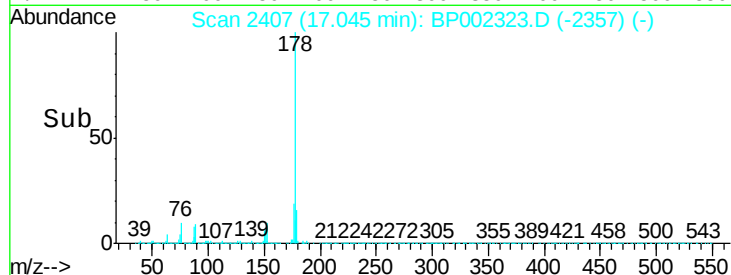
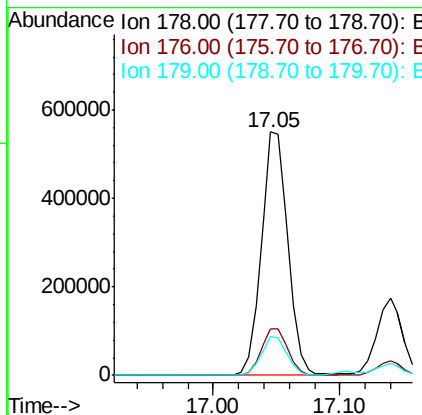
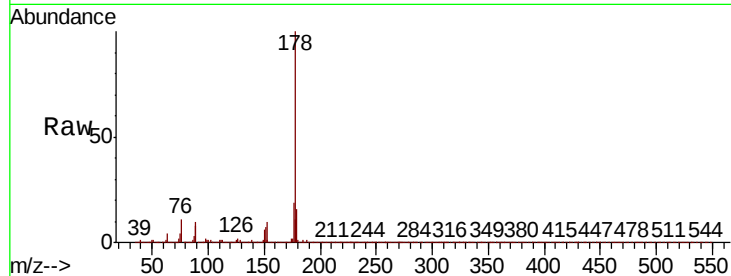
ClientSampleId :

NMDUP02-COMP-2020-0-6

Tot Ion:	178	Resp:	796893
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	16.1	12.6	18.8

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#72

Anthracene

Concen: 3.196 ng

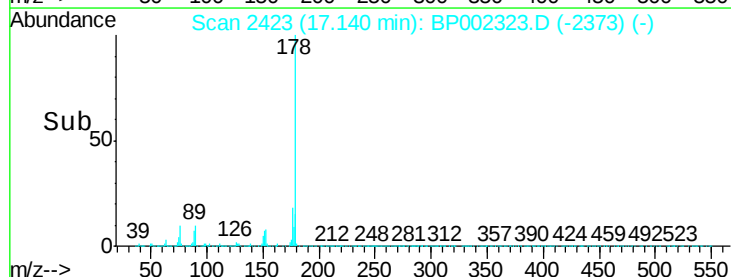
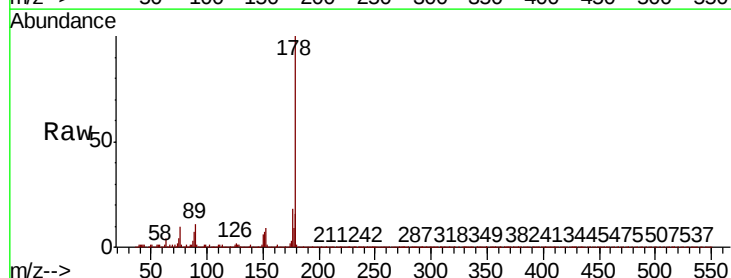
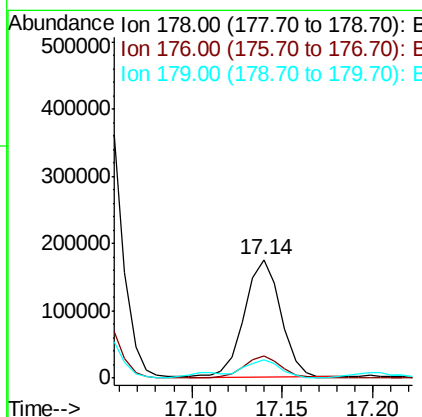
RT: 17.14 min Scan# 2423

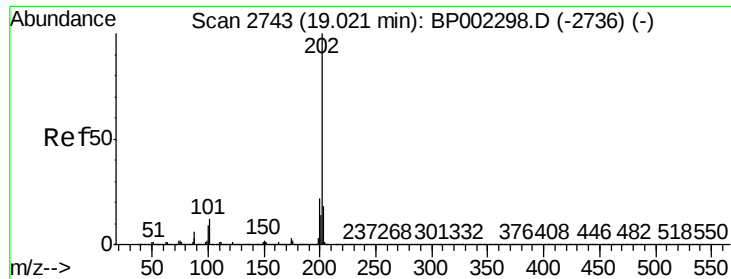
Delta R.T. -0.01 min

Lab File: BP002323.D

Acq: 29 May 2020 19:44

Tgt Ion:	178	Resp:	242558
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.2	22.8
179	15.6	12.6	19.0





#75

Fluoranthene

Concen: 13.239 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BP002323.D

Acq: 29 May 2020 19:44

Instrument :

BNA_P

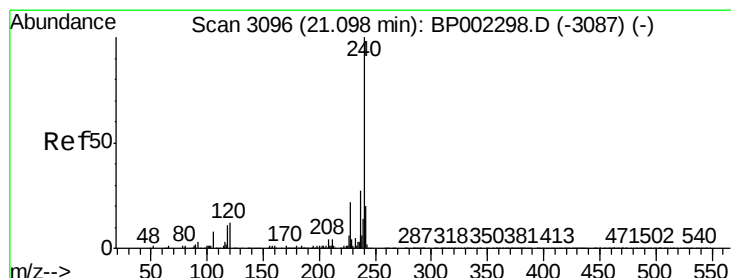
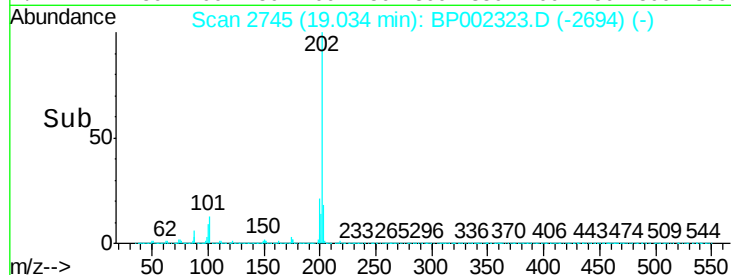
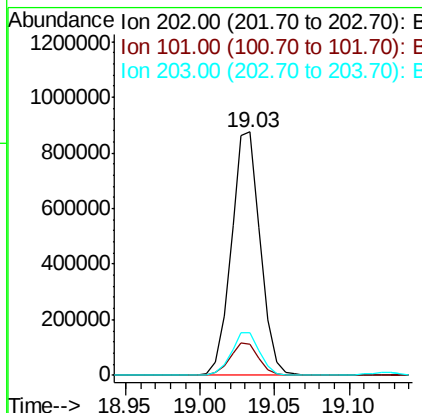
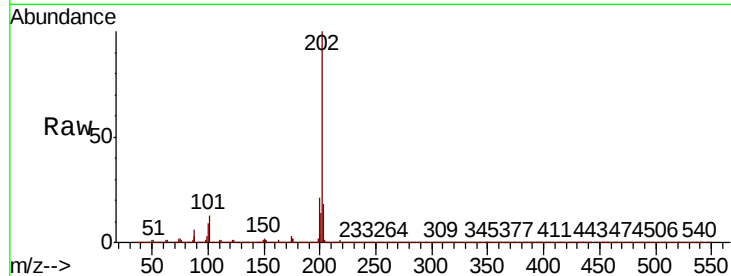
ClientSampleId :

NMDUP02-COMP-2020-0-6

Tot Ion:	202	Resp:	1176097
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.1
203	17.6	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

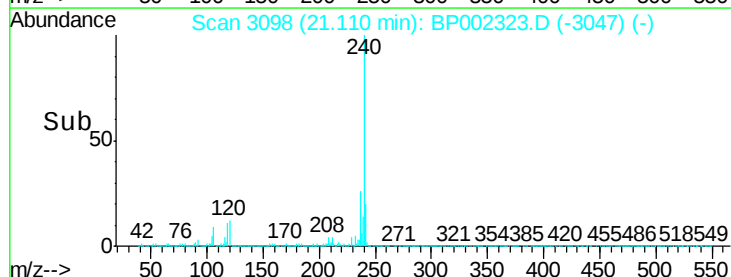
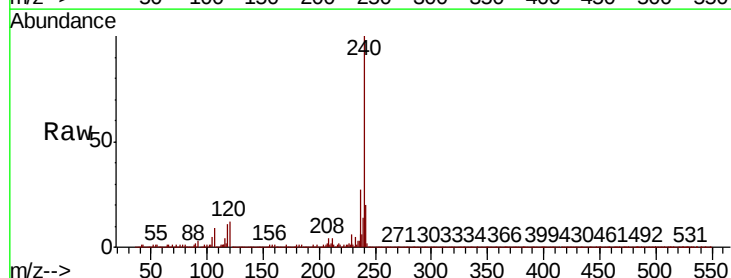
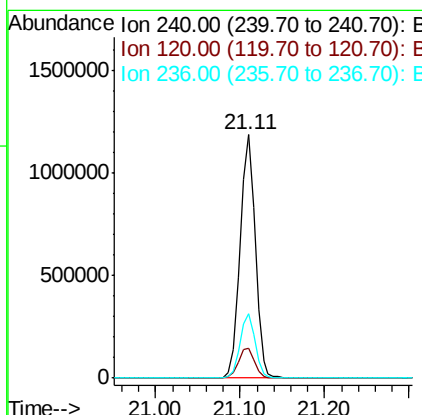
RT: 21.11 min Scan# 3098

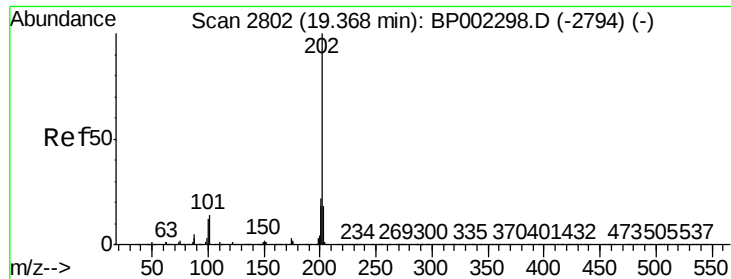
Delta R.T. 0.00 min

Lab File: BP002323.D

Acq: 29 May 2020 19:44

Tgt Ion:	240	Resp:	1454741
Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.7	13.1
236	26.5	21.0	31.4





#78

Pvrene

Concen: 12.149 ng

RT: 19.38 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BP002323.D

Acq: 29 May 2020 19:44

Instrument :

BNA_P

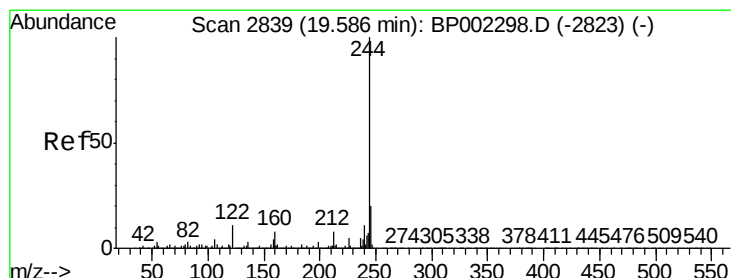
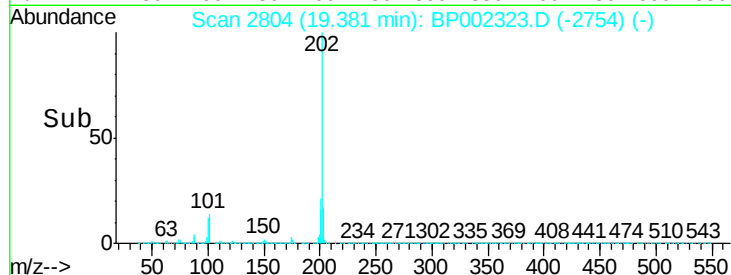
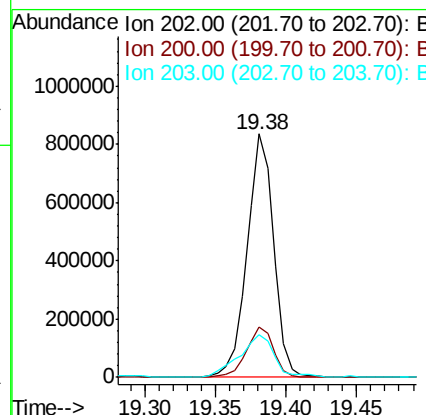
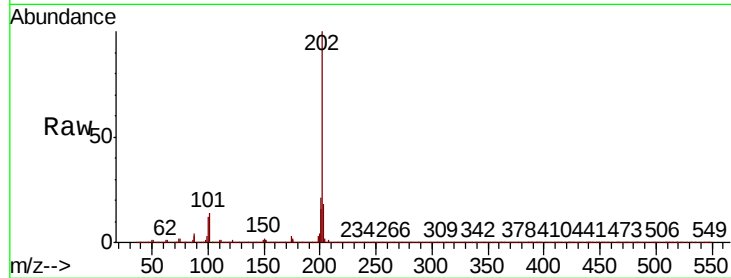
ClientSampleId :

NMDUP02-COMP-2020-0-6

Tot Ion:	202	Resp:	1100534
Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.3	25.9
203	17.5	13.8	20.6

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#79

Terphenyl-d14

Concen: 41.228 ng

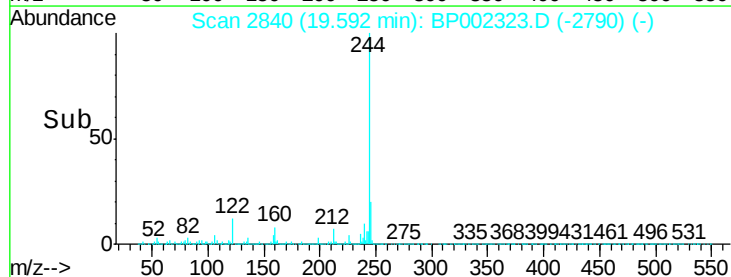
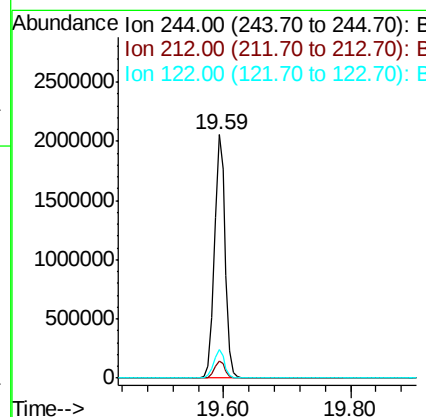
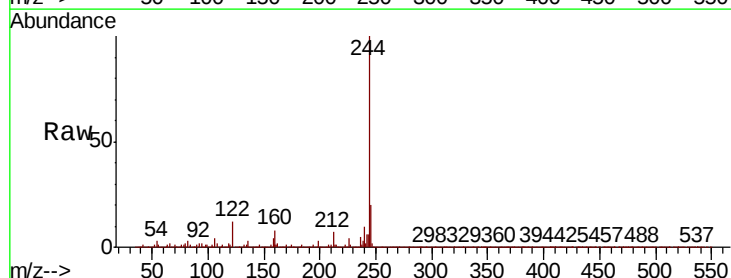
RT: 19.59 min Scan# 2840

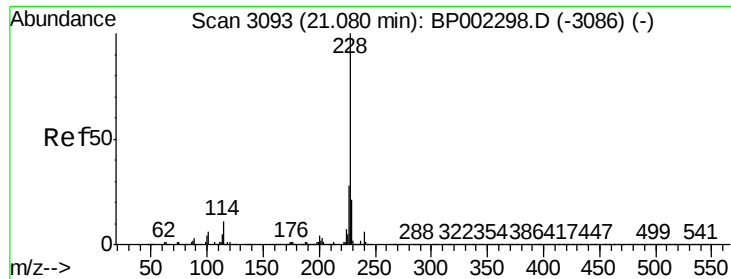
Delta R.T. -0.01 min

Lab File: BP002323.D

Acq: 29 May 2020 19:44

Tgt Ion:	244	Resp:	2476603
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	11.7	9.4	14.0





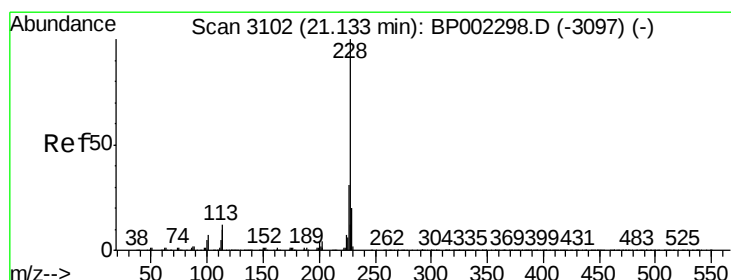
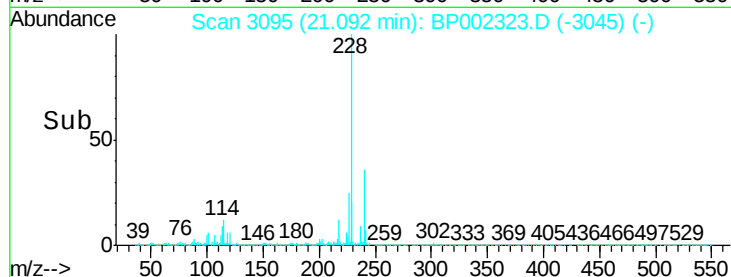
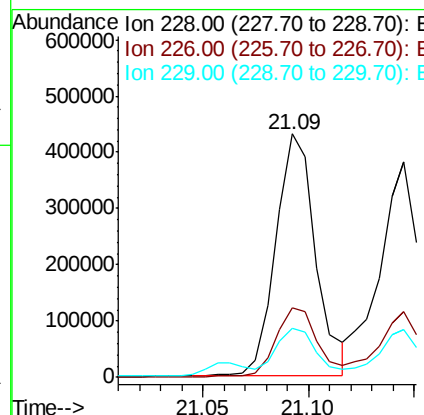
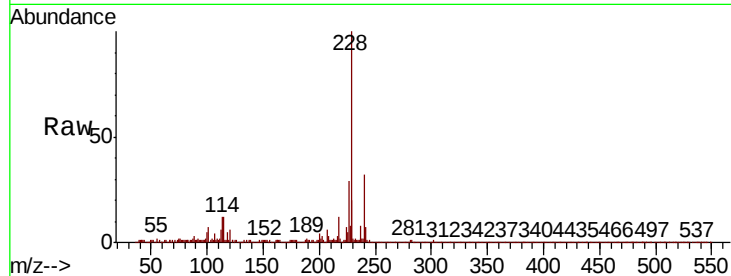
#81
Benzo(a)anthracene
Concen: 6.812 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Instrument :
BNA_P
ClientSampleId :
NMDUP02-COMP-2020-0-6

Tot Ion:	228	Resp:	567249
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.7	34.1
229	20.4	16.3	24.5

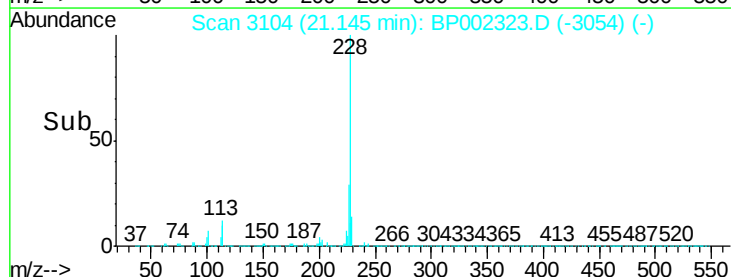
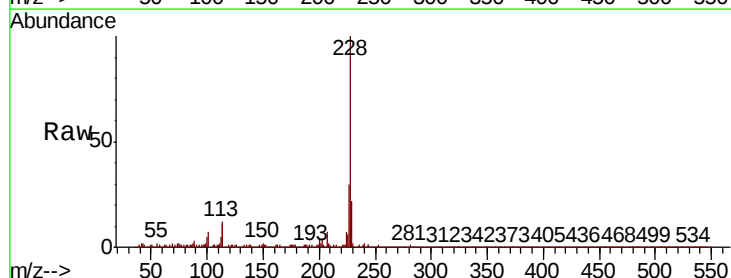
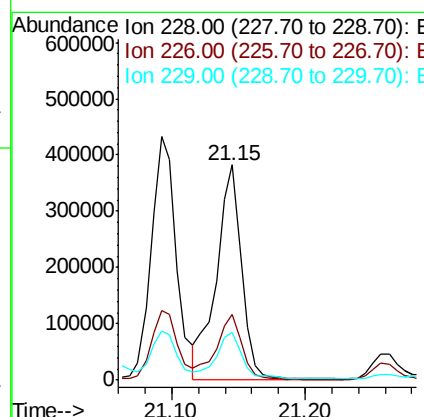
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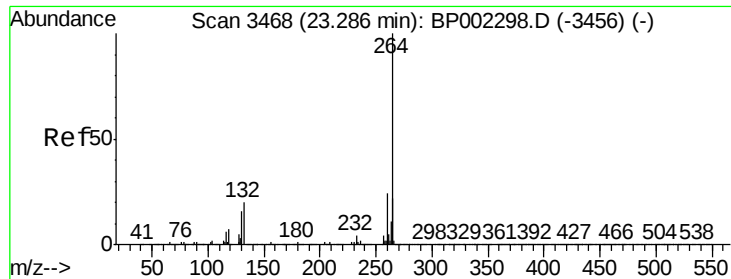
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#83
Chrysene
Concen: 6.304 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Tgt Ion:	228	Resp:	503793
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	22.2	16.2	24.4





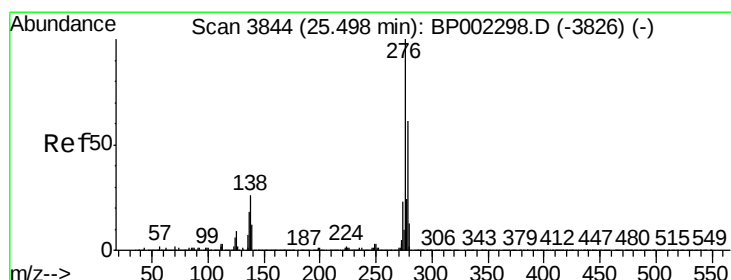
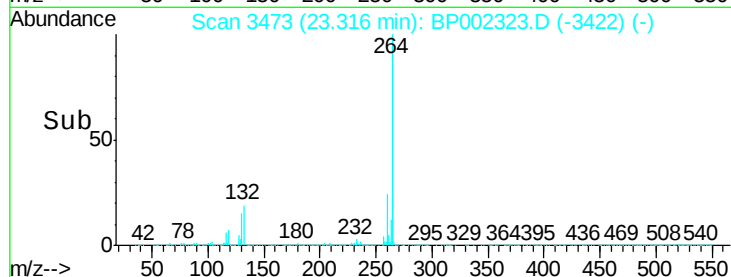
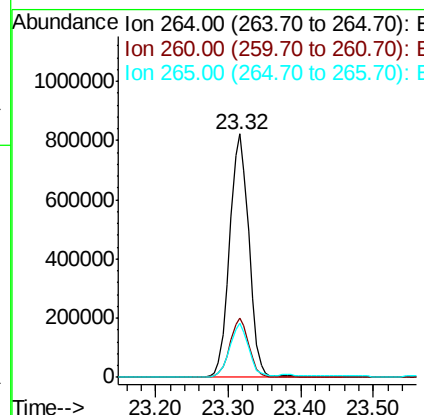
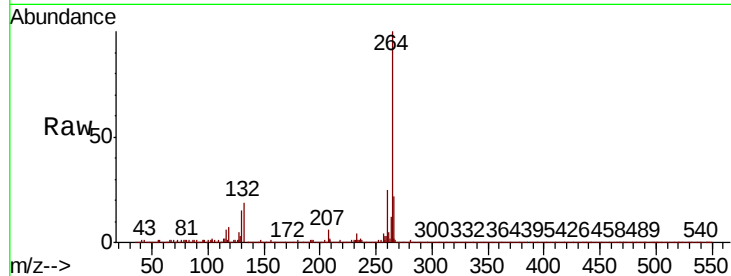
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Instrument :
BNA_P
ClientSampleId :
NMDUP02-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.5	17.8	26.6

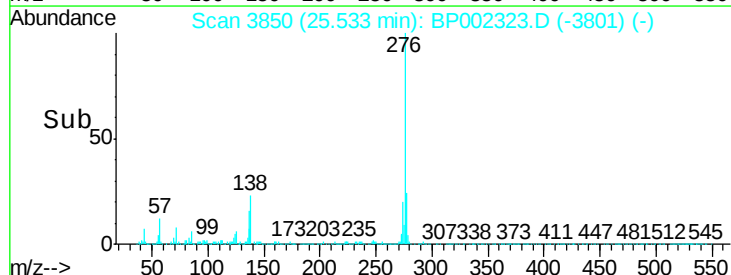
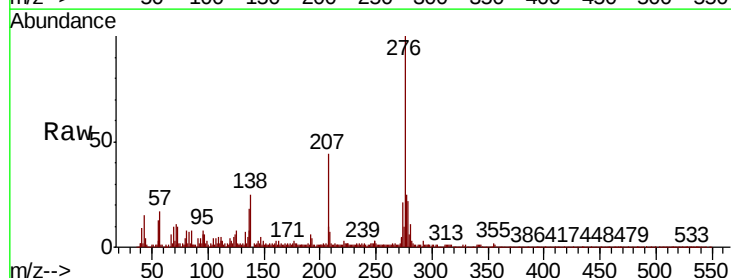
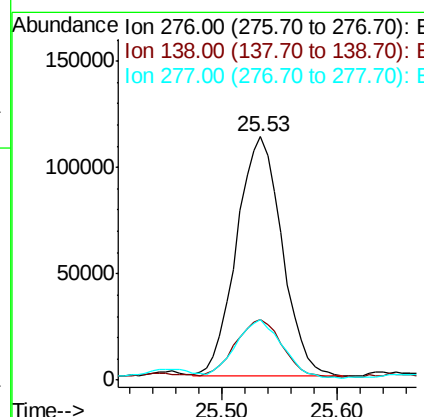
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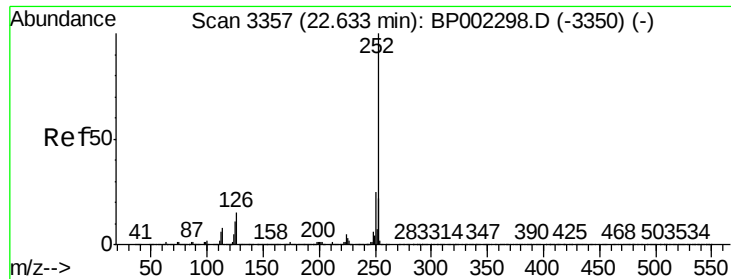
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.281 ng
RT: 25.53 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.2	27.4
277	24.4	20.2	30.2





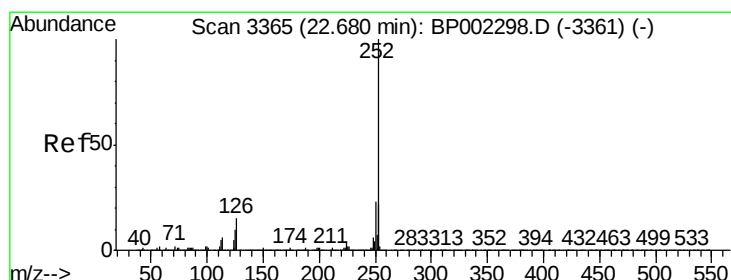
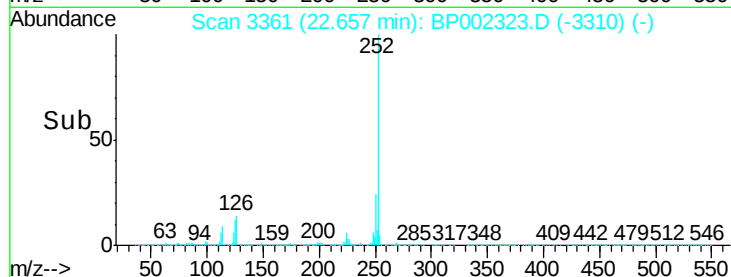
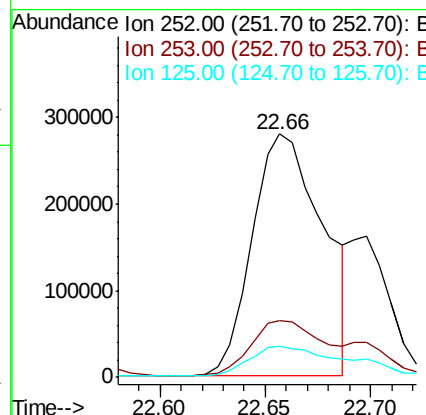
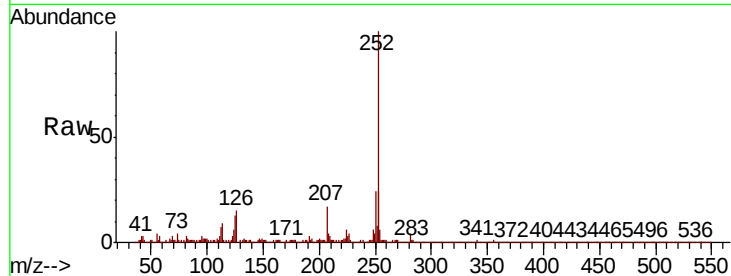
#88
Benzo(b)fluoranthene
Concen: 7.874 ng m
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Instrument :
BNA_P
ClientSampleId :
NMDUP02-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	12.9	7.2	10.8

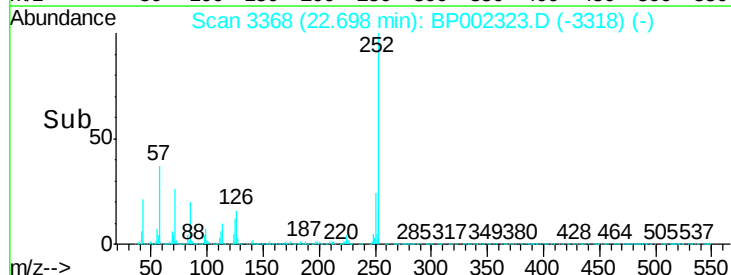
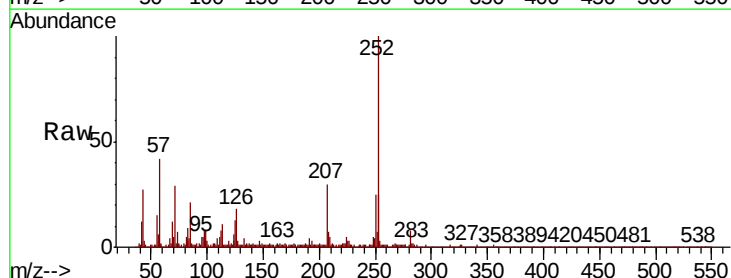
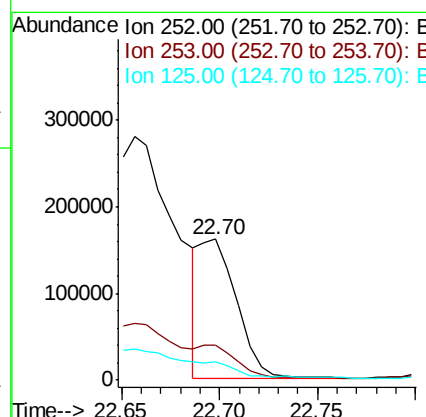
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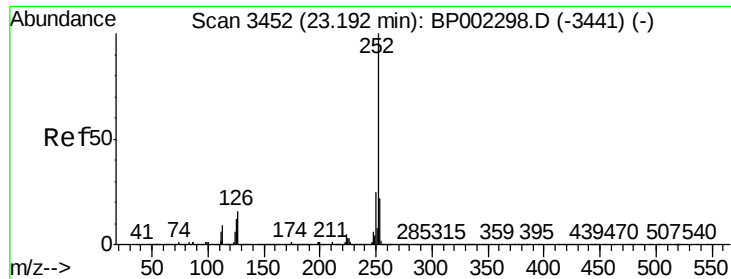
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#89
Benzo(k)fluoranthene
Concen: 2.602 ng m
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	13.2	7.4	11.2





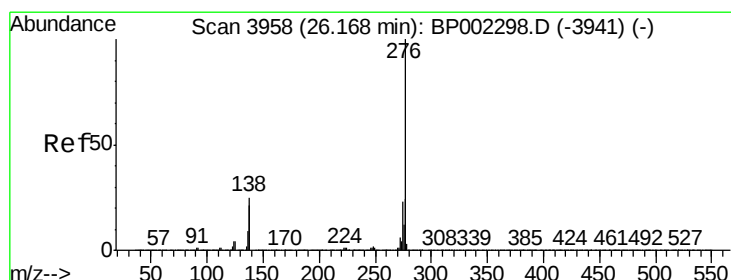
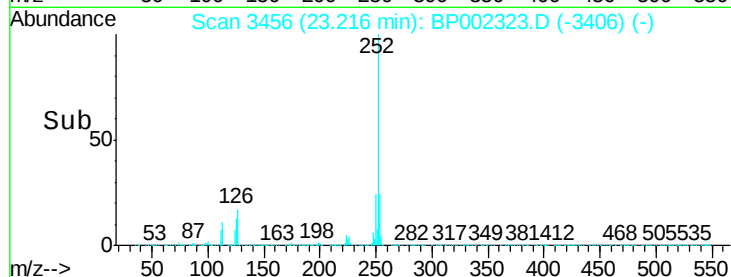
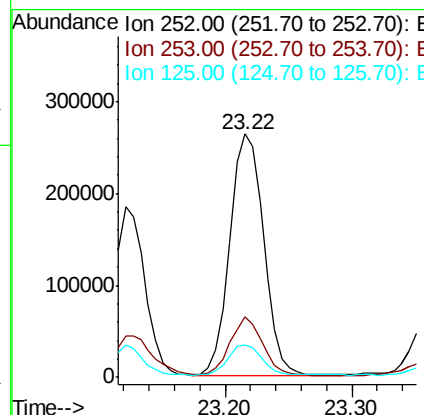
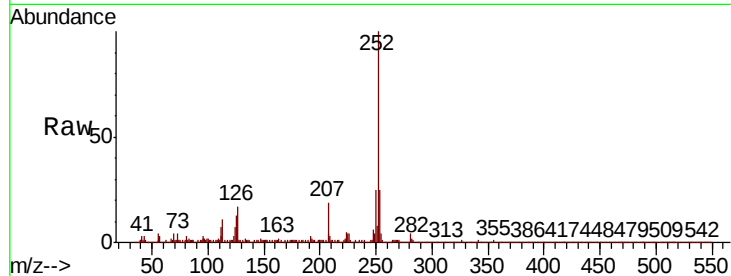
#90
Benzo(a)pyrene
Concen: 6.388 ng
RT: 23.22 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Instrument :
BNA_P
ClientSampleId :
NMDUP02-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	13.4	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.895 ng
RT: 26.21 min Scan# 3965
Delta R.T. -0.01 min
Lab File: BP002323.D
Acq: 29 May 2020 19:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	26.2	16.0	24.0

