

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
 Data File : BP002302.D
 Acq On : 28 May 2020 10:51
 Operator : CG/JU
 Sample : L2744-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 2

Instrument :
 BNA_P
 ClientSampleId :
 NM41-COMP-2020-0-6

Quant Time: May 28 12:37:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 11:01:43 2020
 Response via : Initial Calibration

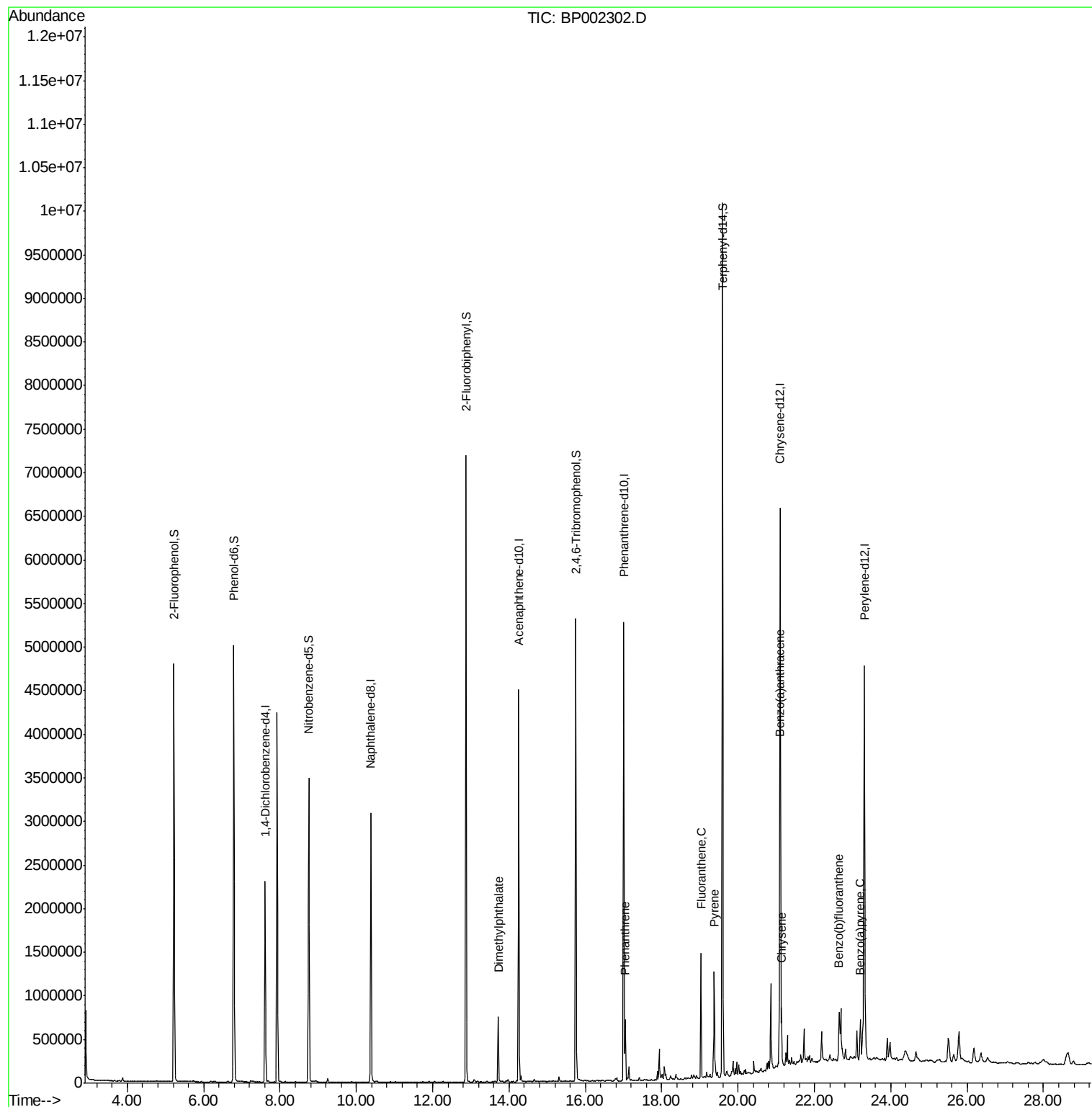
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	606911	40.00	ng	0.00
21) Naphthalene-d8	10.38	136	2514666	40.00	ng	0.00
39) Acenaphthene-d10	14.25	164	1494474	40.00	ng	0.00
64) Phenanthrene-d10	17.00	188	3097069	40.00	ng	0.00
76) Chrysene-d12	21.10	240	2864416	40.00	ng	0.00
86) Perylene-d12	23.30	264	3117507	40.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2063284	127.70	ng	0.00
7) Phenol-d6	6.79	99	2878784	130.98	ng	0.00
23) Nitrobenzene-d5	8.75	82	1969453	94.17	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	925885	130.74	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3883068	91.70	ng	0.00
79) Terphenyl-d14	19.59	244	5040959	85.24	ng	0.01
Target Compounds						
50) Dimethylphthalate	13.72	163	473609	9.364	ng	99
71) Phenanthrene	17.05	178	382177	5.210	ng	99
75) Fluoranthene	19.03	202	798569	9.452	ng	99
78) Pyrene	19.37	202	720054	8.074	ng	99
81) Benzo(a)anthracene	21.09	228	402106	4.905	ng	99
83) Chrysene	21.14	228	349638	4.444	ng	96
87) Indeno(1,2,3-cd)pyrene	25.50	276	210304	2.180	ng	96
88) Benzo(b)fluoranthene	22.64	252	476290	5.605	ng	# 96
90) Benzo(a)pyrene	23.20	252	344752	4.373	ng	97
92) Benzo(g,h,i)perylene	26.17	276	206290	2.571	ng	# 93

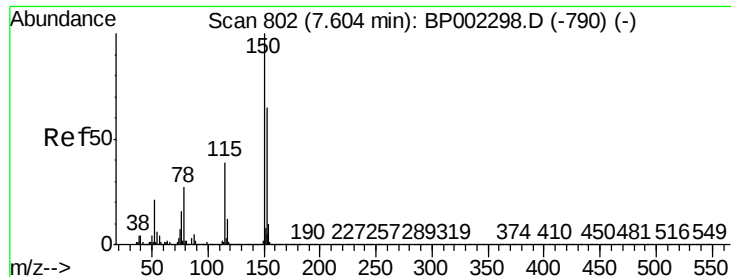
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
Data File : BP002302.D
Acq On : 28 May 2020 10:51
Operator : CG/JU
Sample : L2744-16
Misc :
ALS Vial : 3 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
NM41-COMP-2020-0-6

Quant Time: May 28 12:37:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:01:43 2020
Response via : Initial Calibration



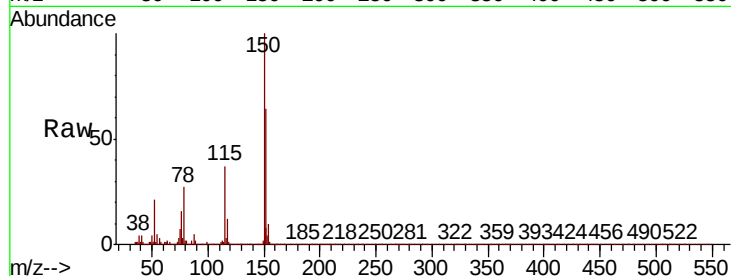


#1

1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

Instrument :
BNA_P
ClientSampleId :
NM41-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	57.6	49.4	74.2

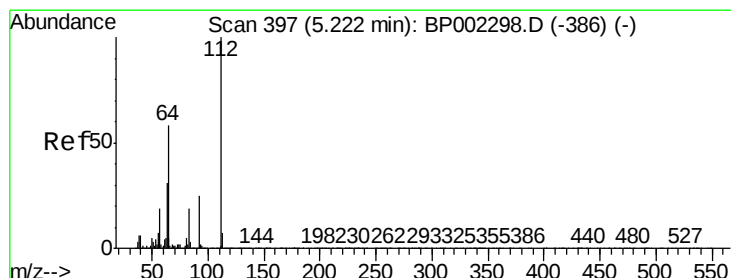
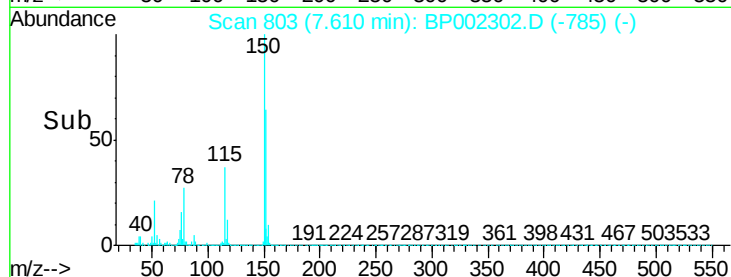
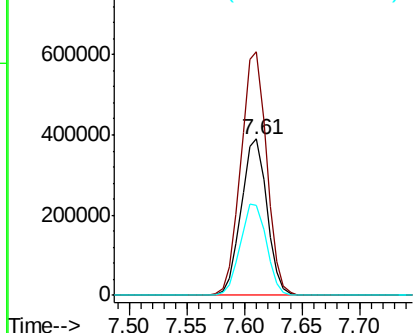


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

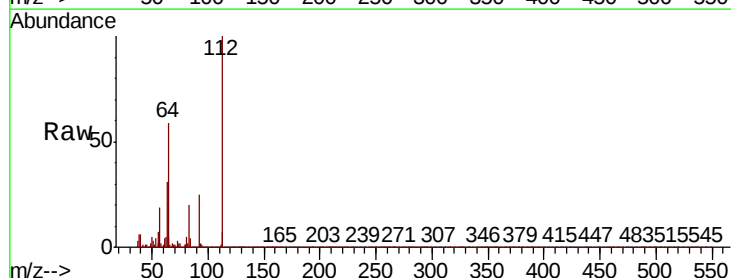
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.700 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.0	70.4
63	31.3	24.0	36.0

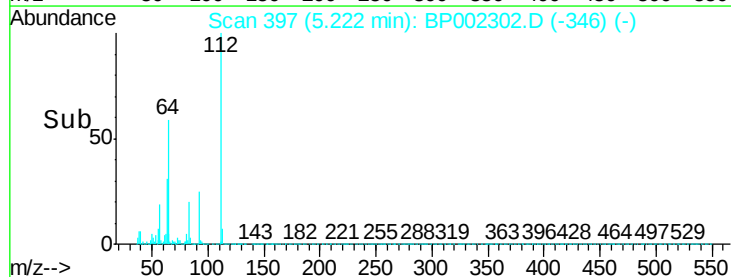
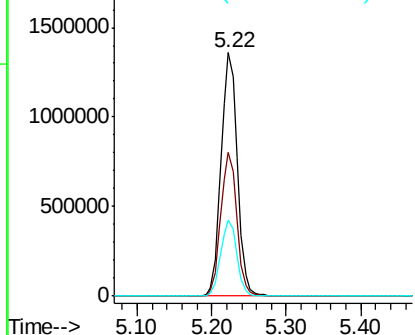


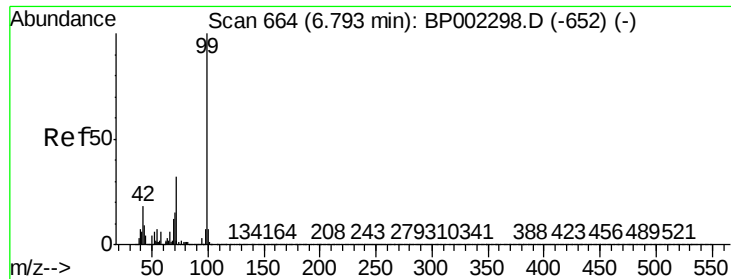
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 130.978 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BP002302.D

Acq: 28 May 2020 10:51

Instrument :

BNA_P

ClientSampleId :

NM41-COMP-2020-0-6

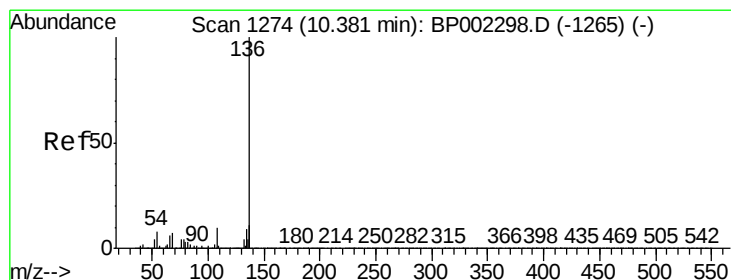
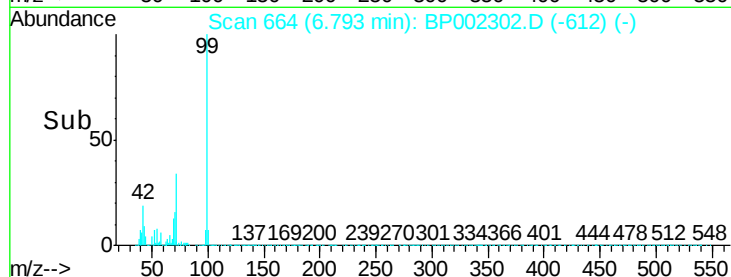
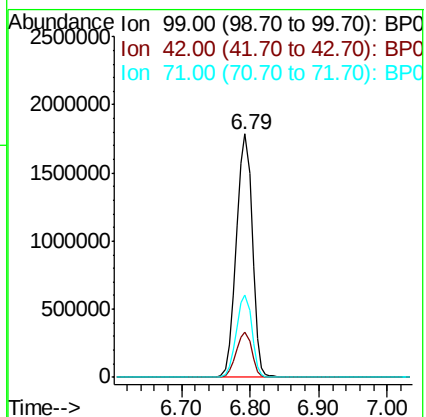
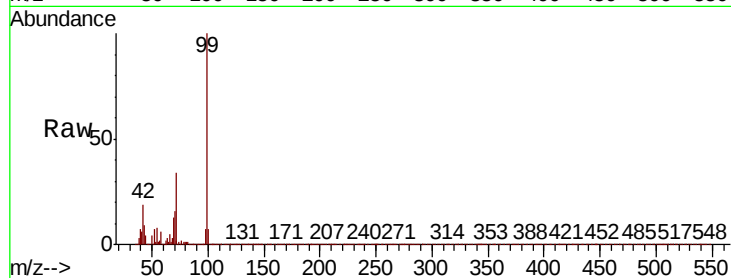
Tot Ion: 99 Resp: 2878784

Ion Ratio Lower Upper

99 100

42 18.6 13.9 20.9

71 33.8 25.8 38.8



#21

Naphthalene-d8

Concen: 40.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BP002302.D

Acq: 28 May 2020 10:51

Tgt Ion: 136 Resp: 2514666

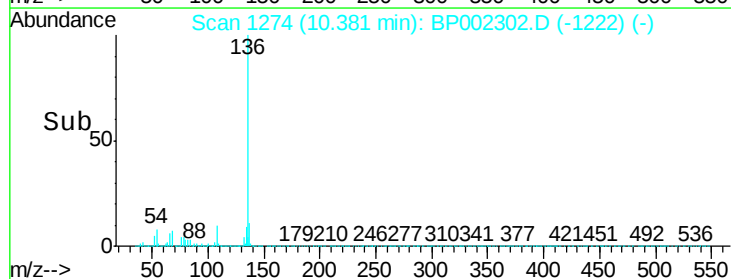
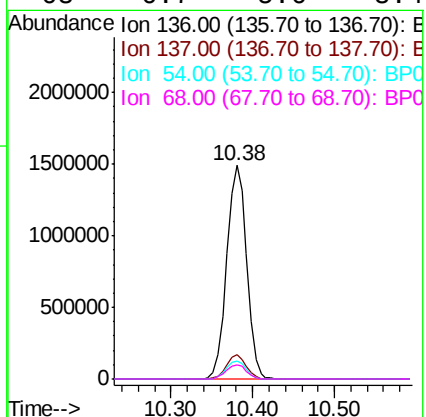
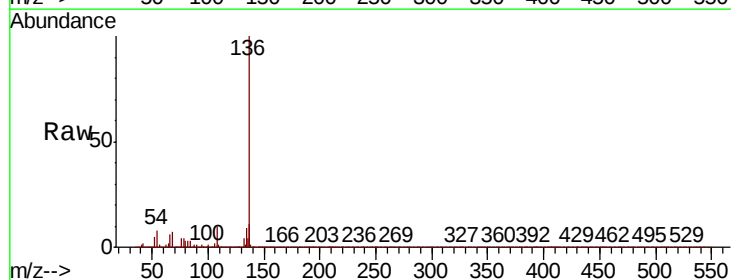
Ion Ratio Lower Upper

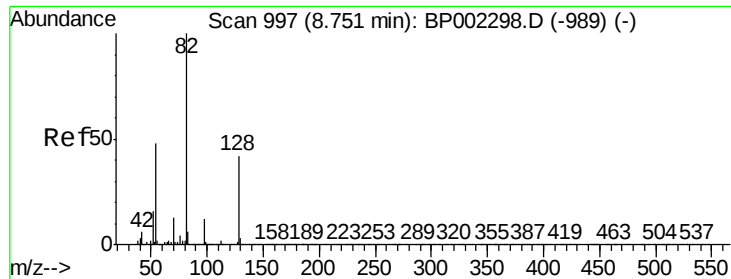
136 100

137 11.2 8.8 13.2

54 8.4 6.9 10.3

68 6.7 5.6 8.4

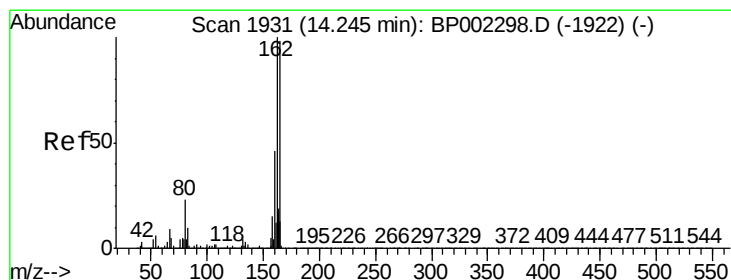
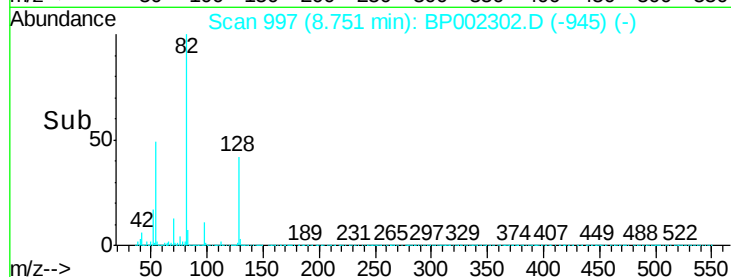
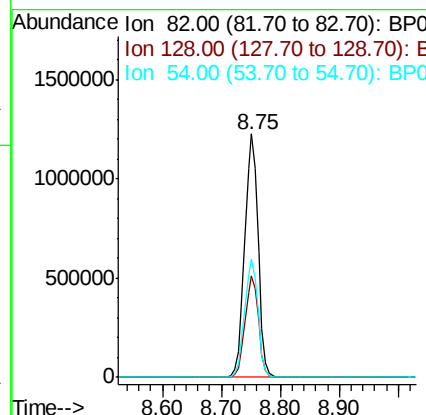
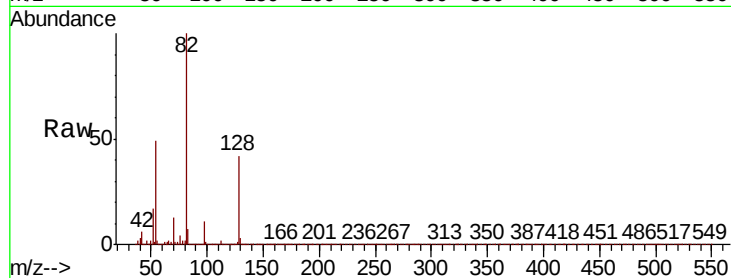




#23
Nitrobenzene-d5
Concen: 94.174 ng
RT: 8.75 min Scan# 997
Delta R.T. 0.01 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

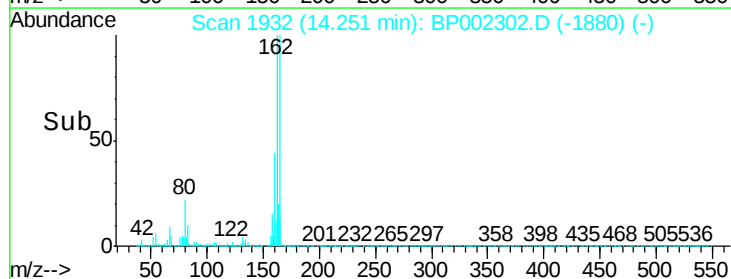
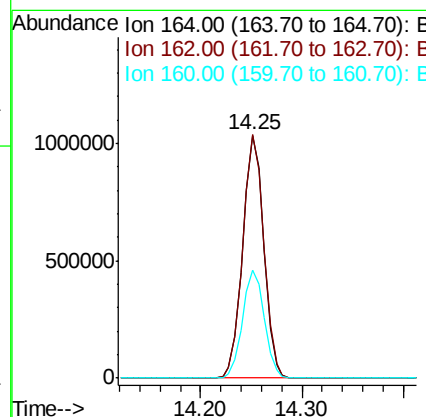
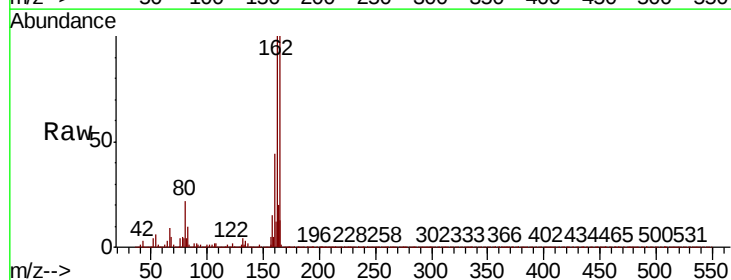
Instrument :
BNA_P
ClientSampleId :
NM41-COMP-2020-0-6

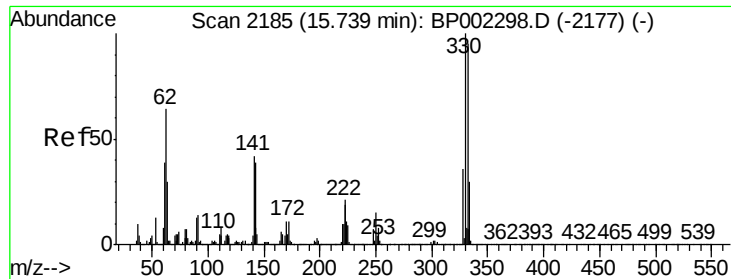
Tot Ion: 82 Resp: 1969453
Ion Ratio Lower Upper
82 100
128 41.6 33.4 50.0
54 48.6 38.3 57.5



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

Tgt Ion: 164 Resp: 1494474
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.3 37.2 55.8

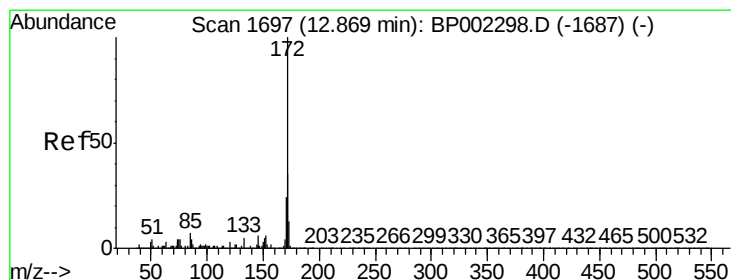
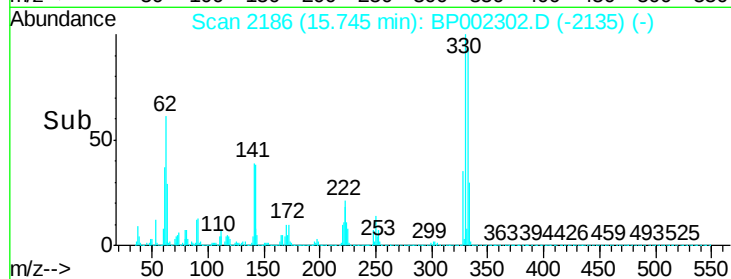
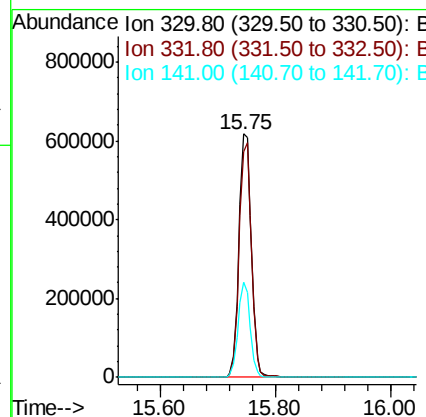
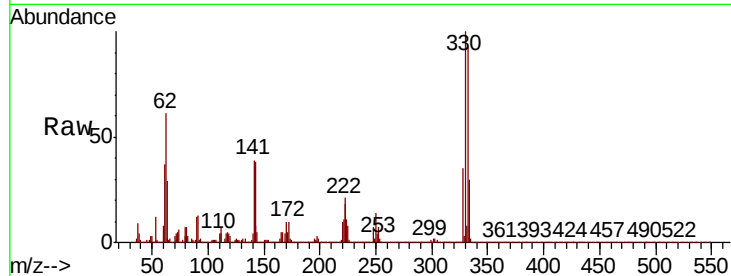




#42
 2,4,6-Tribromophenol
 Concen: 130.738 ng
 RT: 15.75 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BP002302.D
 Acq: 28 May 2020 10:51

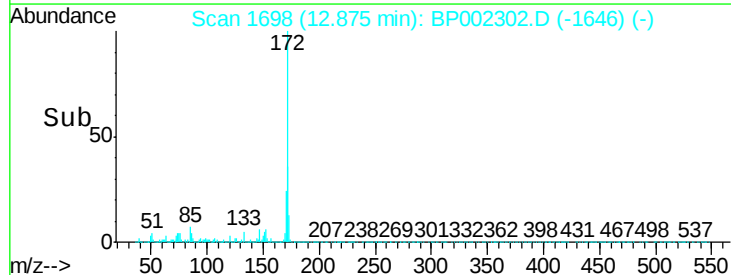
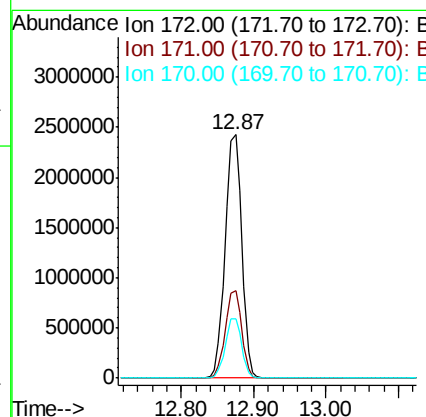
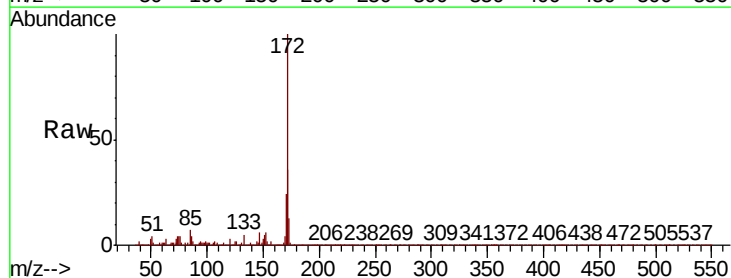
Instrument :
 BNA_P
 ClientSampleId :
 NM41-COMP-2020-0-6

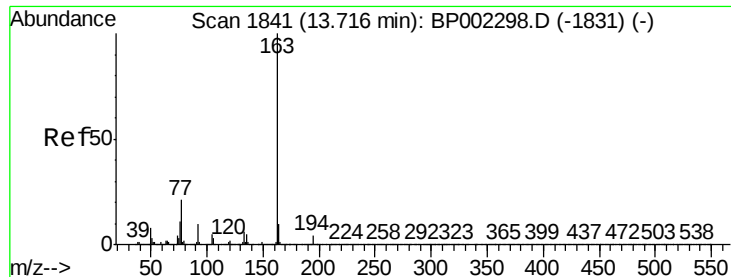
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	37.8	31.4	47.2



#45
 2-Fluorobiphenyl
 Concen: 91.695 ng
 RT: 12.87 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BP002302.D
 Acq: 28 May 2020 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.6	41.4
170	24.3	18.9	28.3

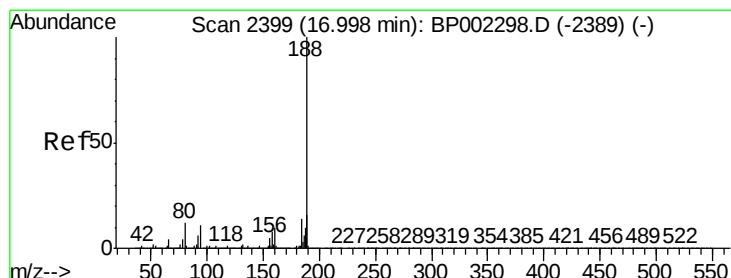
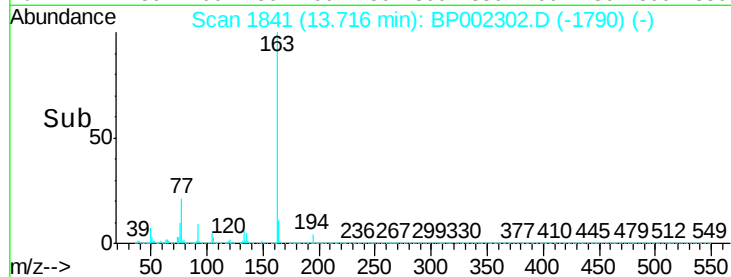
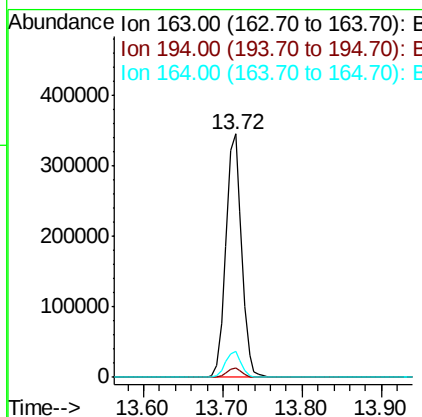
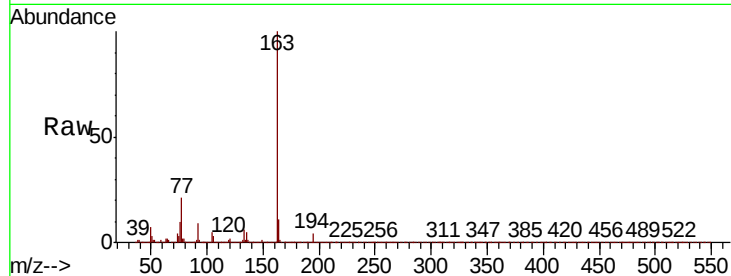




#50
Dimethylphthalate
Concen: 9.364 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

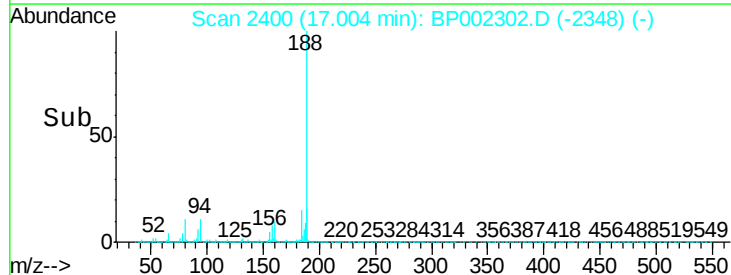
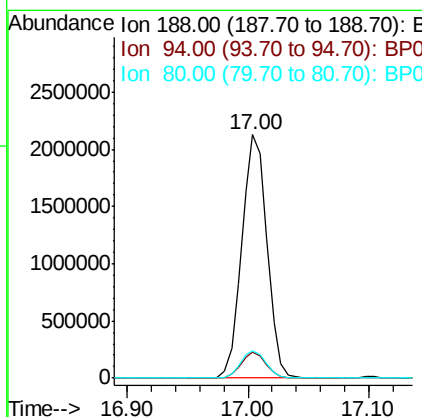
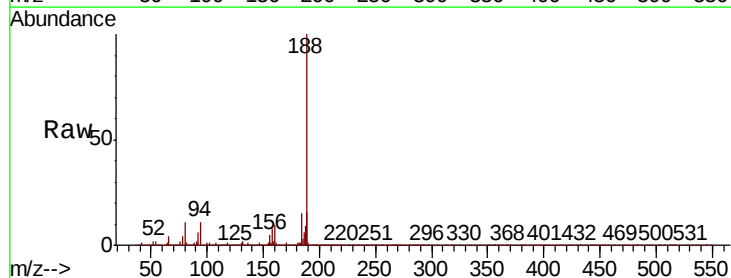
Instrument :
BNA_P
ClientSampleId :
NM41-COMP-2020-0-6

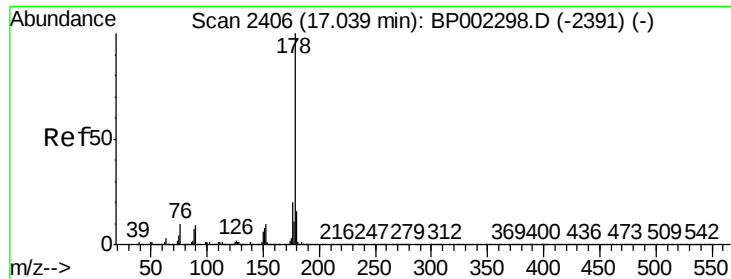
Tot Ion	163	Resp	473609
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.5	8.1	12.1



#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.00 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

Tgt Ion	188	Resp	3097069
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.7	13.1
80	11.1	9.3	13.9





#71

Phenanthrene

Concen: 5.210 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP002302.D

Acq: 28 May 2020 10:51

Instrument :

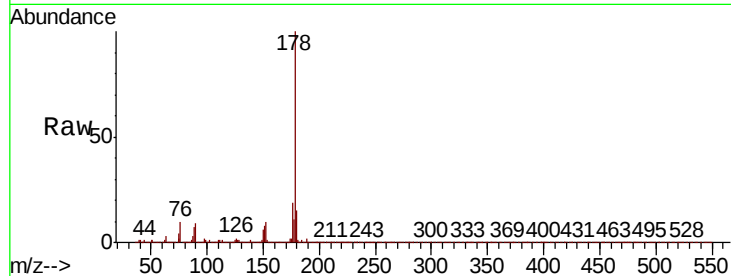
BNA_P

ClientSampleId :

NM41-COMP-2020-0-6

Tot Ion:178 Resp: 382177

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	12.6	18.8

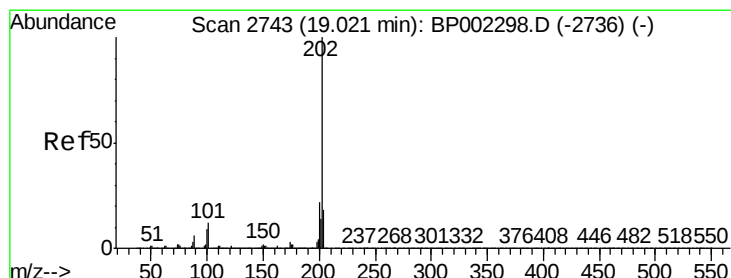
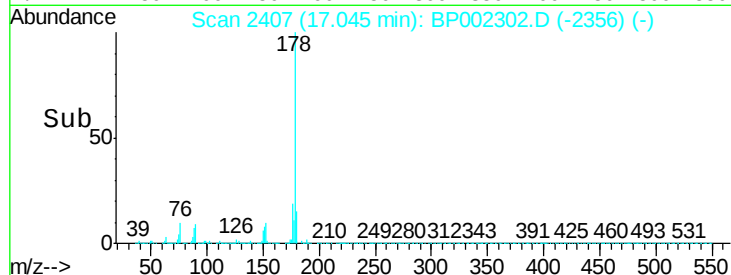
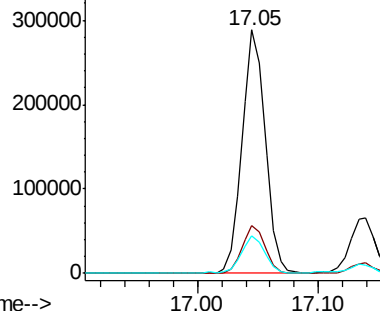


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 9.452 ng

RT: 19.03 min Scan# 2744

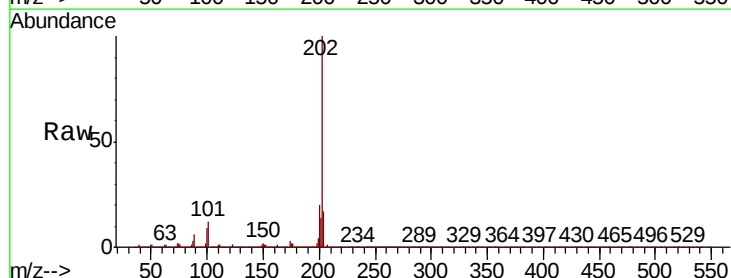
Delta R.T. 0.01 min

Lab File: BP002302.D

Acq: 28 May 2020 10:51

Tgt Ion:202 Resp: 798569

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
203	17.4	0.0	37.6

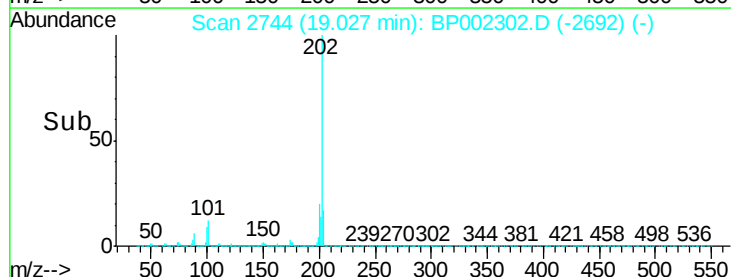
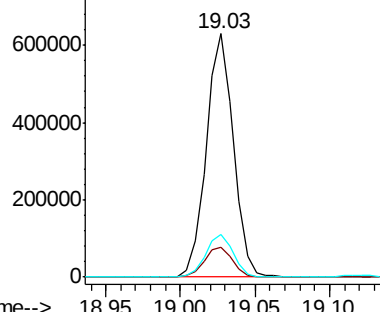


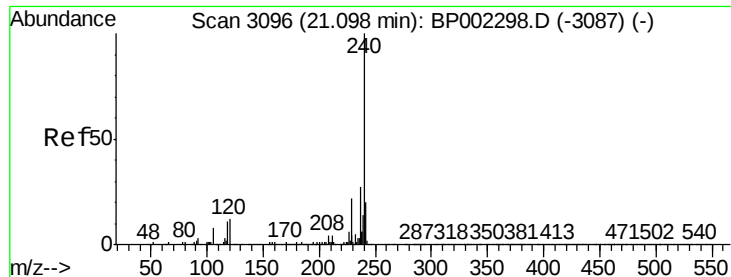
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

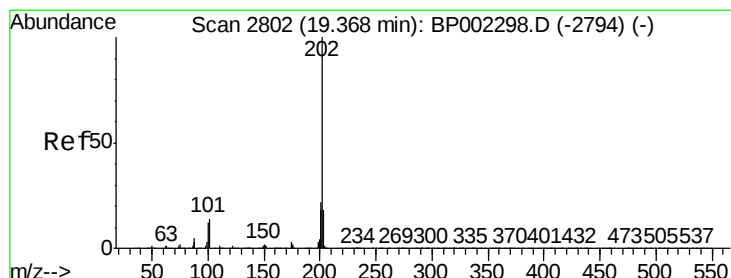
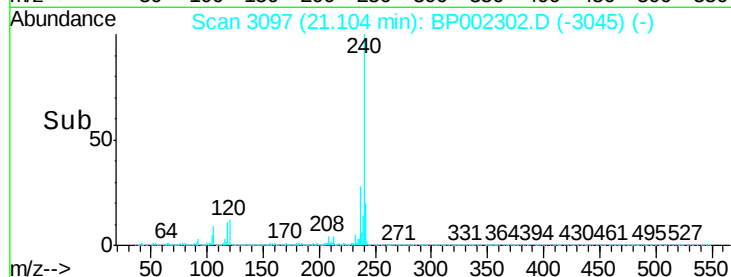
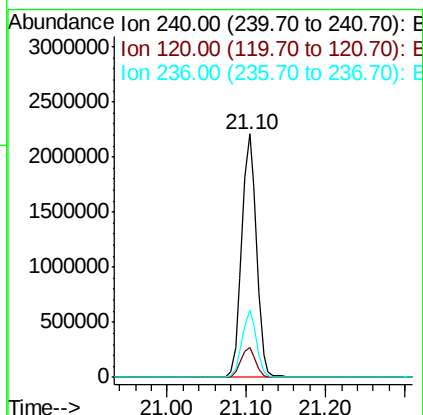
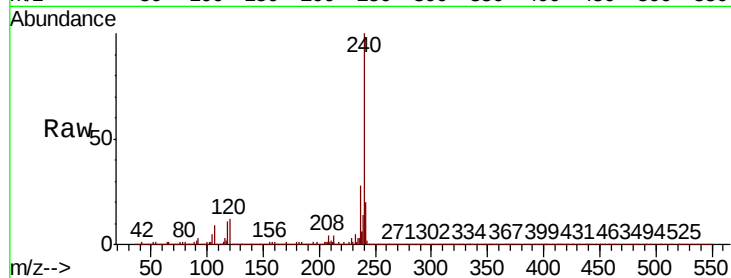




#76
Chrysene-d12
Concen: 40.000 ng
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

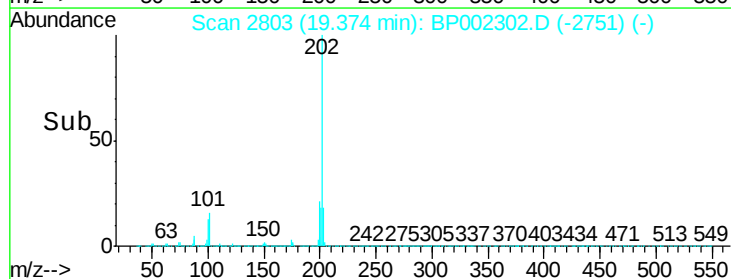
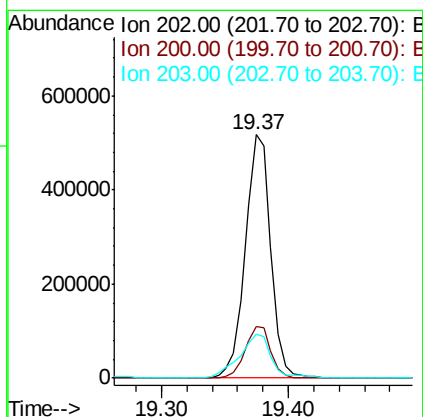
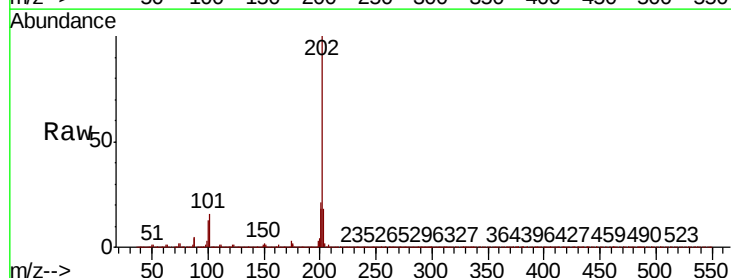
Instrument :
BNA_P
ClientSampleId :
NM41-COMP-2020-0-6

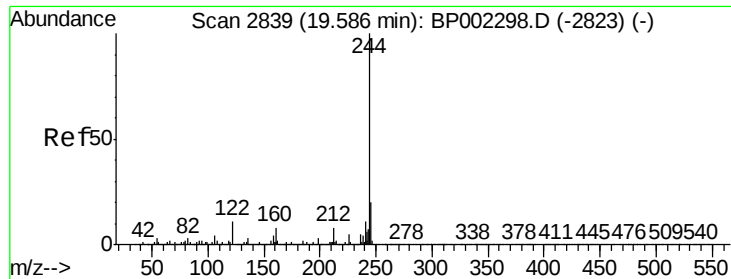
Tot Ion:240 Resp: 2864416
Ion Ratio Lower Upper
240 100
120 12.2 8.7 13.1
236 27.5 21.0 31.4



#78
Pyrene
Concen: 8.074 ng
RT: 19.37 min Scan# 2803
Delta R.T. 0.01 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

Tgt Ion:202 Resp: 720054
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 85.237 ng

RT: 19.59 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BP002302.D

Acq: 28 May 2020 10:51

Instrument :

BNA_P

ClientSampleId :

NM41-COMP-2020-0-6

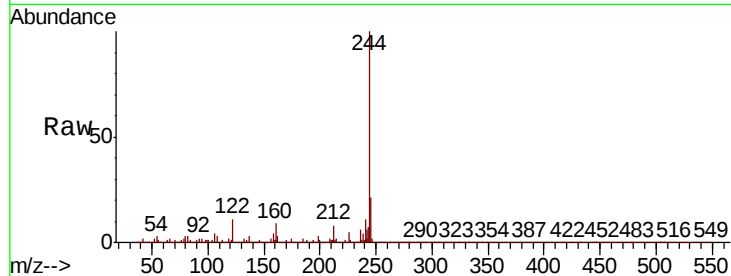
Tot Ion:244 Resp: 5040959

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

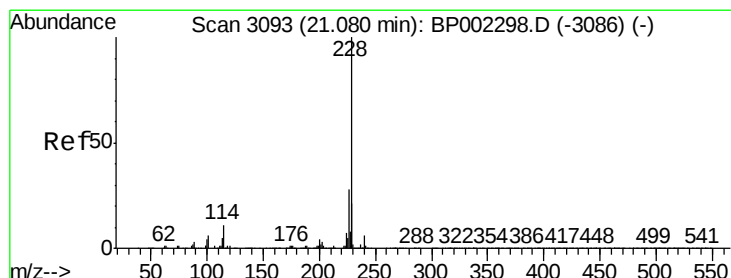
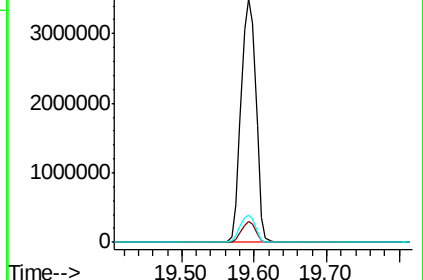
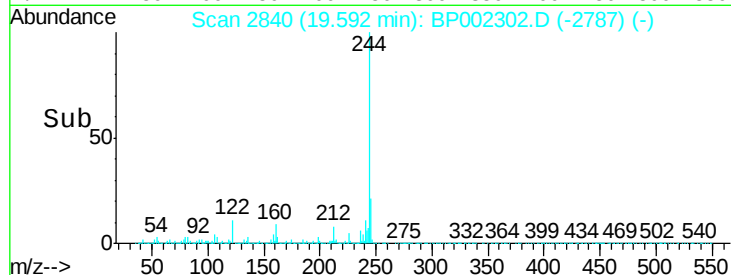
122 11.3 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.905 ng

RT: 21.09 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BP002302.D

Acq: 28 May 2020 10:51

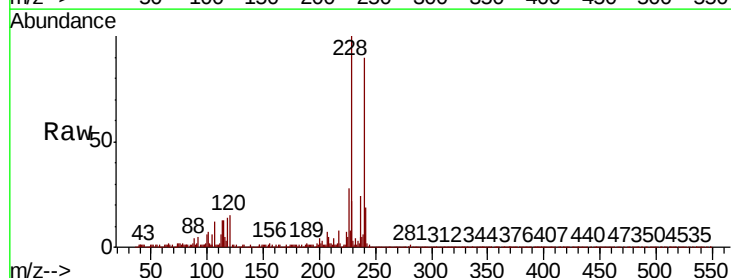
Tgt Ion:228 Resp: 402106

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

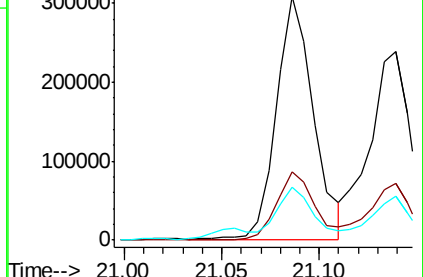
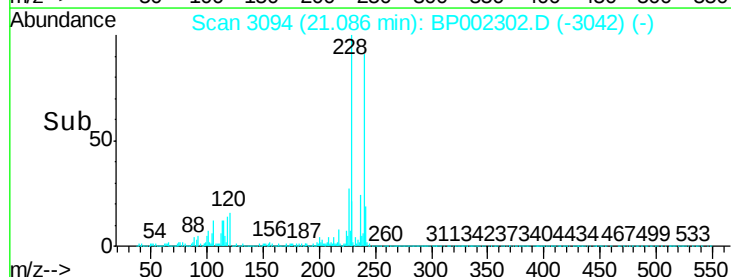
229 21.5 16.3 24.5

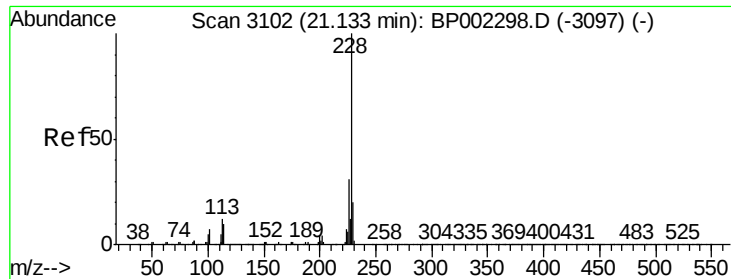


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

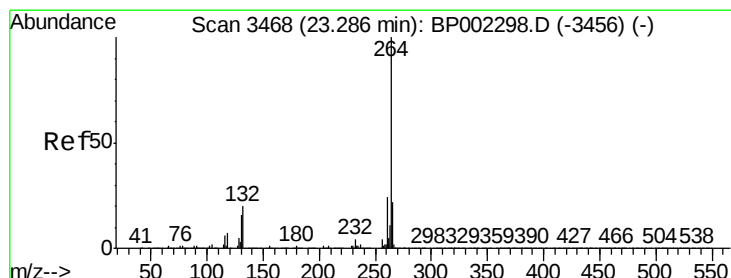
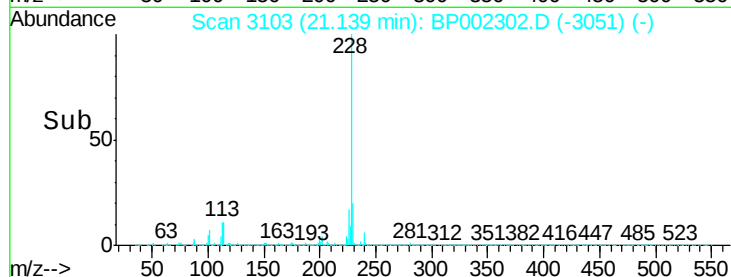
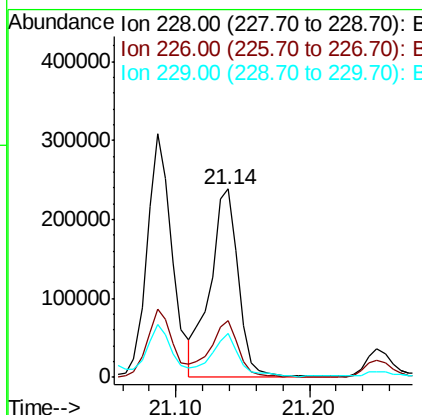
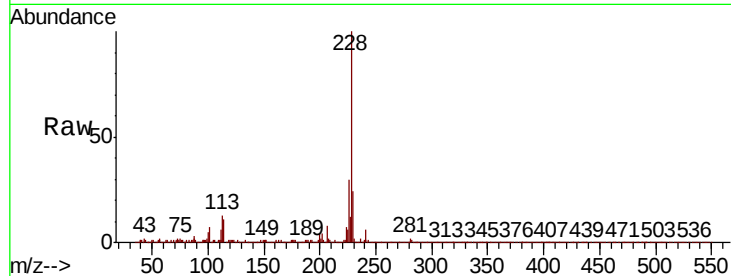




#83
Chrysene
Concen: 4.444 ng
RT: 21.14 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

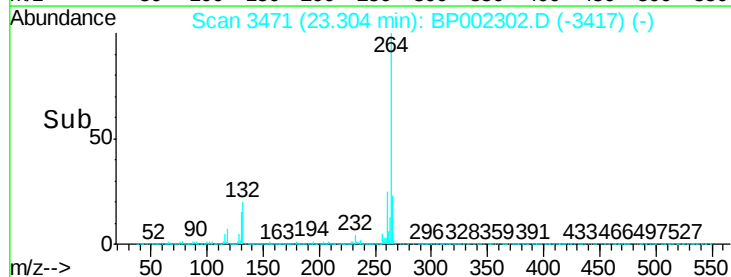
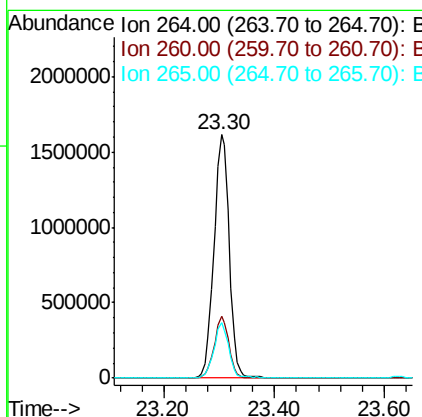
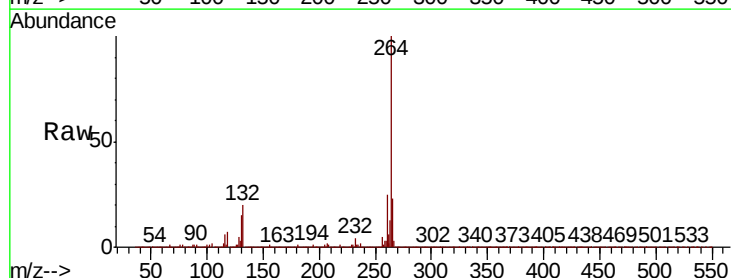
Instrument :
BNA_P
ClientSampleId :
NM41-COMP-2020-0-6

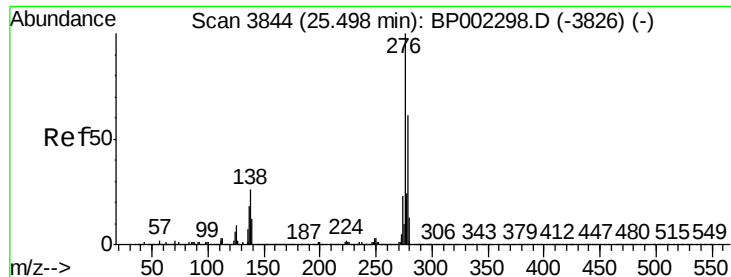
Tot Ion:228 Resp: 349638
Ion Ratio Lower Upper
228 100
226 29.9 25.0 37.6
229 23.5 16.2 24.4



#86
Perylene-d12
Concen: 40.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.02 min
Lab File: BP002302.D
Acq: 28 May 2020 10:51

Tgt Ion:264 Resp: 3117507
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 22.7 17.8 26.6

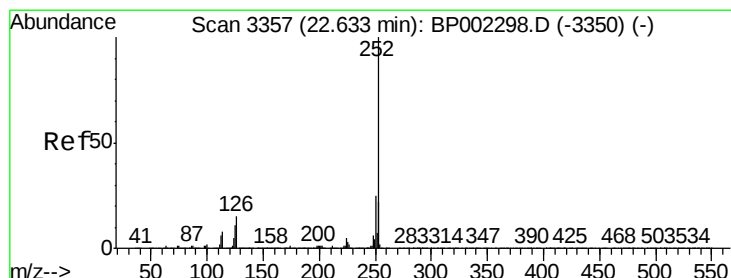
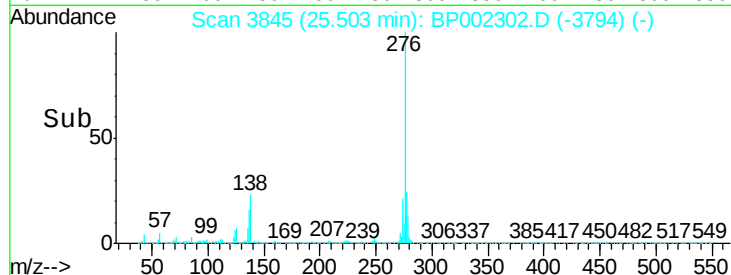
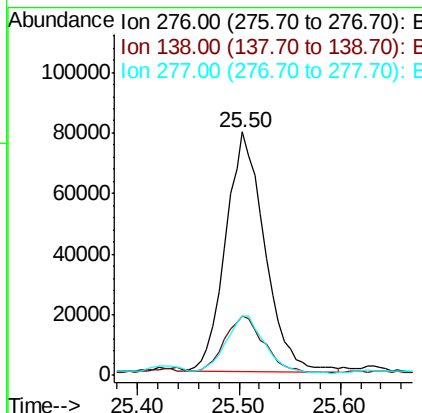
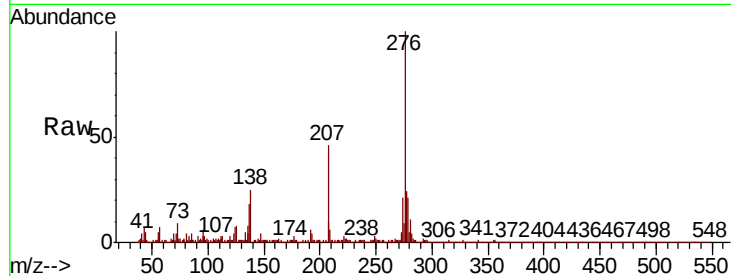




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.180 ng
 RT: 25.50 min Scan# 3845
 Delta R.T. -0.00 min
 Lab File: BP002302.D
 Acq: 28 May 2020 10:51

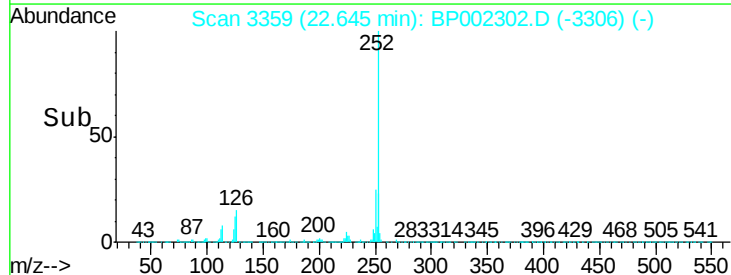
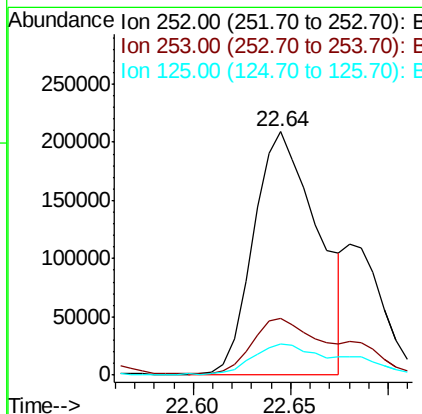
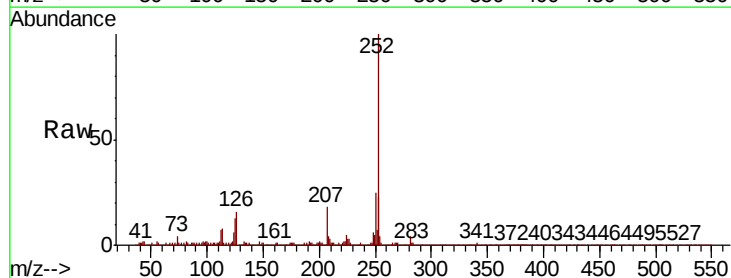
Instrument :
 BNA_P
 ClientSampleId :
 NM41-COMP-2020-0-6

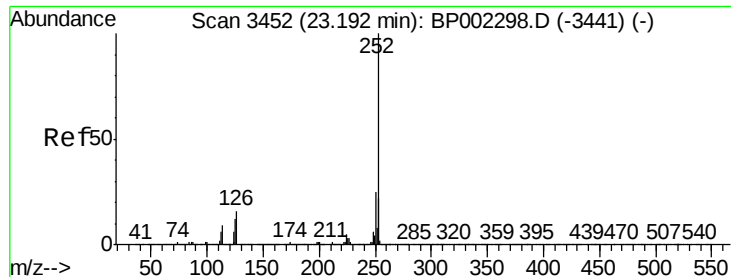
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.2	27.4
277	24.0	20.2	30.2



#88
 Benzo(b)fluoranthene
 Concen: 5.605 ng
 RT: 22.64 min Scan# 3359
 Delta R.T. 0.01 min
 Lab File: BP002302.D
 Acq: 28 May 2020 10:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	12.6	7.2	10.8





#90

Benzo(a)pyrene

Concen: 4.373 ng

RT: 23.20 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BP002302.D

Acq: 28 May 2020 10:51

Instrument :

BNA_P

ClientSampleId :

NM41-COMP-2020-0-6

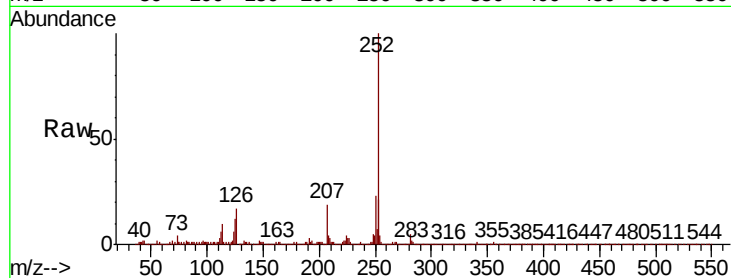
Tot Ion:252 Resp: 344752

Ion Ratio Lower Upper

252 100

253 21.0 18.0 27.0

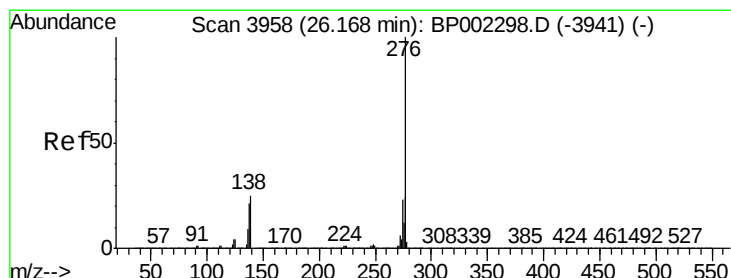
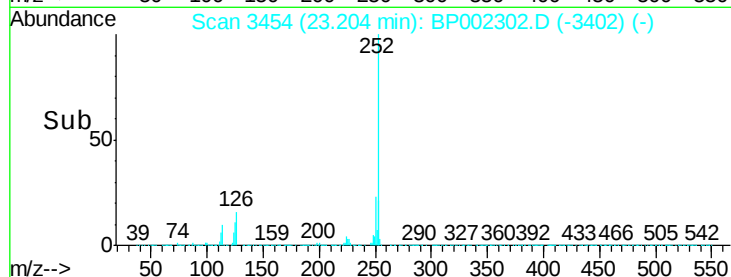
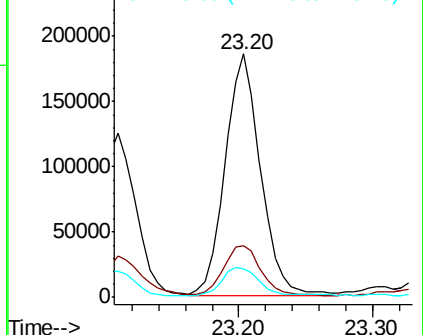
125 11.6 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 2.571 ng

RT: 26.17 min Scan# 3959

Delta R.T. -0.00 min

Lab File: BP002302.D

Acq: 28 May 2020 10:51

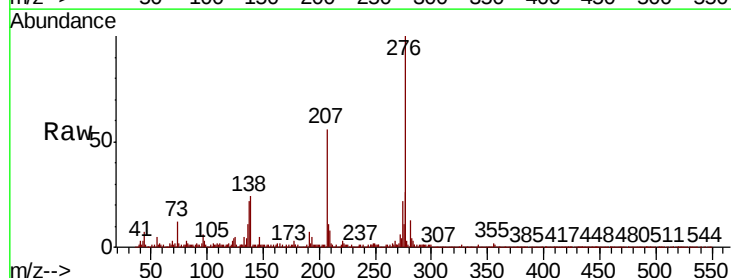
Tgt Ion:276 Resp: 206290

Ion Ratio Lower Upper

276 100

277 25.7 18.6 28.0

138 24.3 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

