

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002556.D
 Acq On : 26 Jun 2020 17:56
 Operator : CG/JU
 Sample : L3114-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242

Quant Time: Jun 27 00:02:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

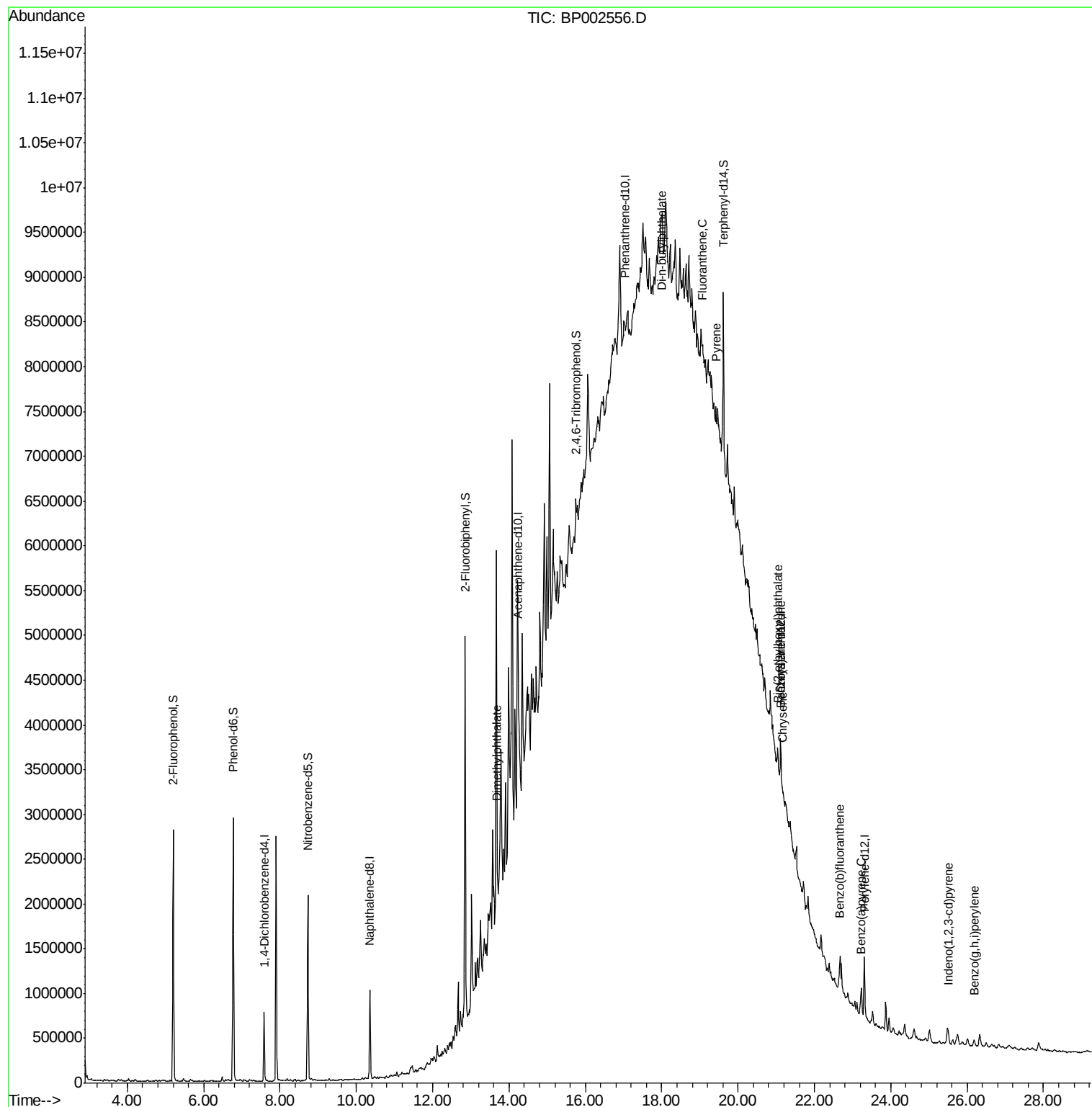
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	198800	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	804824	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	285096	20.00	ng	0.01
64) Phenanthrene-d10	17.03	188	262606	20.00	ng	0.04
76) Chrysene-d12	21.12	240	278976	20.00	ng	0.02
86) Perylene-d12	23.30	264	470516	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1276442	118.81	ng	0.00
7) Phenol-d6	6.78	99	1717013	120.04	ng	0.00
23) Nitrobenzene-d5	8.73	82	1199326	88.99	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	318143	116.55	ng	0.02
45) 2-Fluorobiphenyl	12.85	172	2364989	139.48	ng	0.00
79) Terphenyl-d14	19.62	244	1191977	121.86	ng	0.04
Target Compounds						
50) Dimethylphthalate	13.69	163	211657	10.835	ng	# 90
74) Di-n-butylphthalate	18.00	149	121543	8.555	ng	# 40
75) Fluoranthene	19.07	202	72949	4.975	ng	# 32
78) Pyrene	19.42	202	65931	3.858	ng	# 50
81) Benzo(a)anthracene	21.10	228	40809	2.563	ng	# 74
83) Chrysene	21.15	228	50205	3.328	ng	# 75
84) Bis(2-ethylhexyl)phthalate	21.05	149	27184	2.460	ng	# 62
87) Indeno(1,2,3-cd)pyrene	25.51	276	88262	2.999	ng	# 96
88) Benzo(b)fluoranthene	22.65	252	129783	5.115	ng	# 86
90) Benzo(a)pyrene	23.20	252	74085	3.116	ng	# 85
92) Benzo(g,h,i)perylene	26.18	276	86913	3.555	ng	# 97

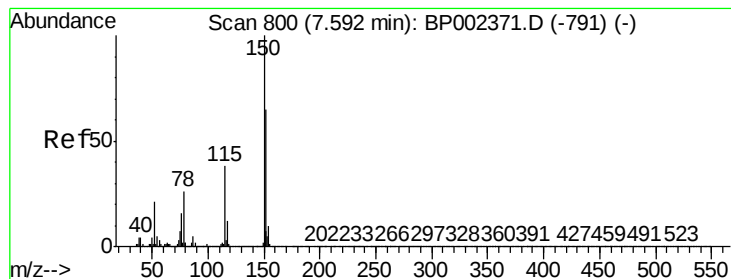
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.58 min Scan# 798

Delta R.T. 0.00 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

BNA_P

ClientSampleId :

VNJ-242

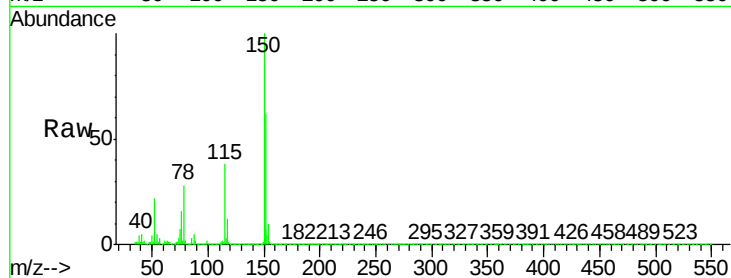
Tot Ion:152 Resp: 198800

Ion Ratio Lower Upper

152 100

150 160.5 124.4 186.6

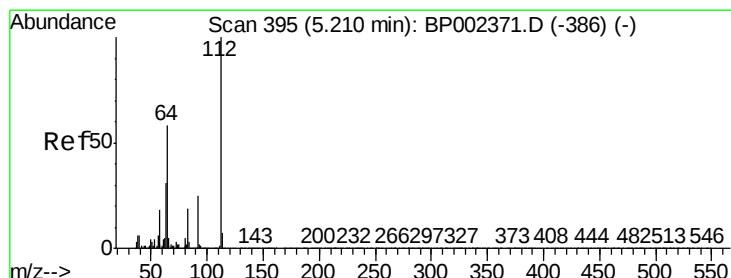
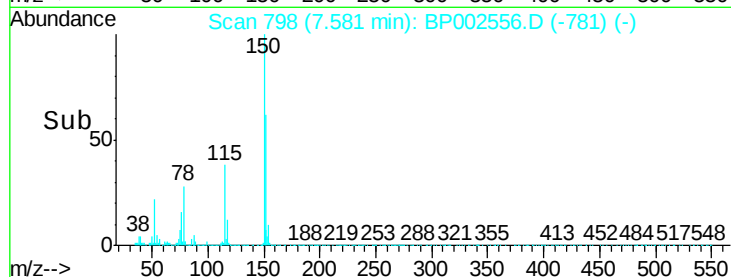
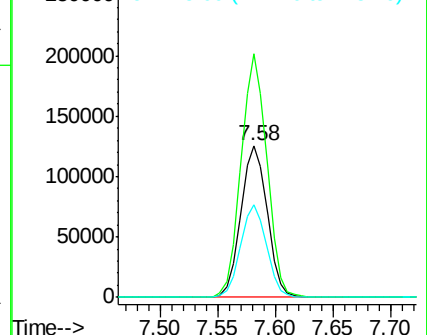
115 61.3 47.8 71.6



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: 118.810 ng

RT: 5.20 min Scan# 394

Delta R.T. 0.00 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

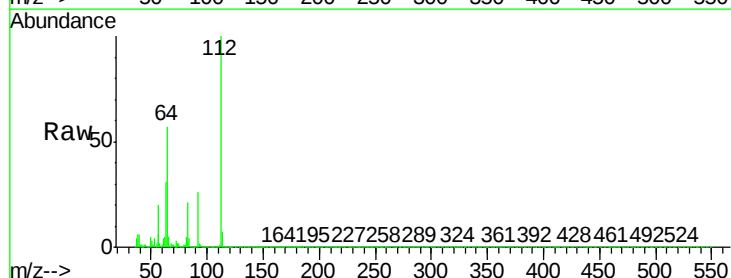
Tgt Ion:112 Resp: 1276442

Ion Ratio Lower Upper

112 100

64 57.4 46.4 69.6

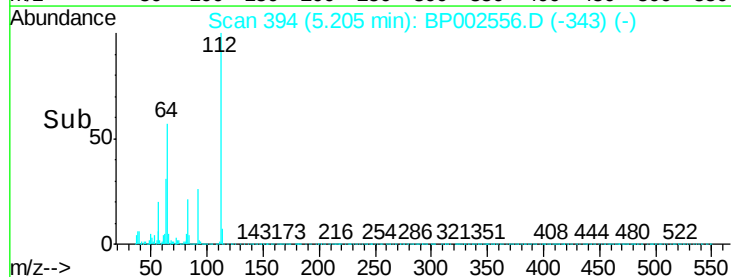
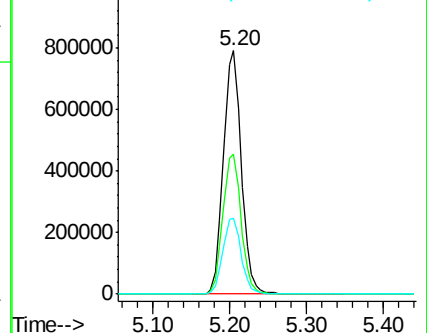
63 31.4 25.0 37.6

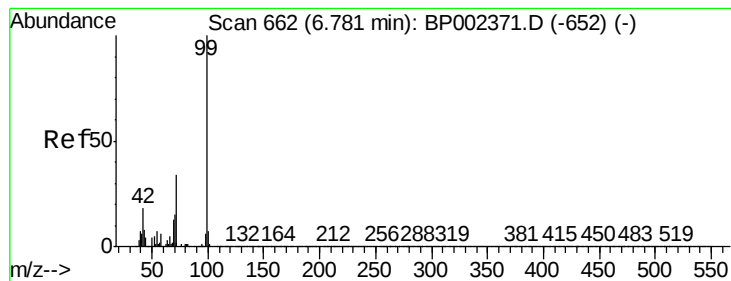


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 120.038 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

BNA_P

ClientSampleId :

VNJ-242

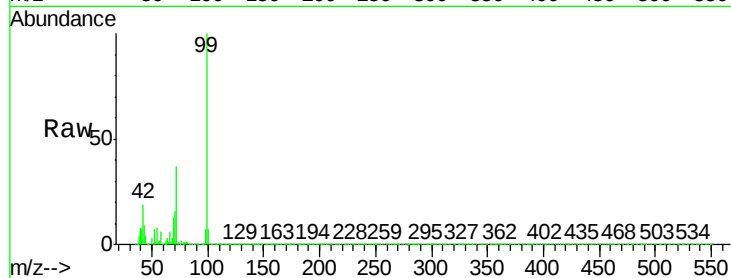
Tot Ion: 99 Resp: 1717013

Ion Ratio Lower Upper

99 100

42 19.3 15.3 22.9

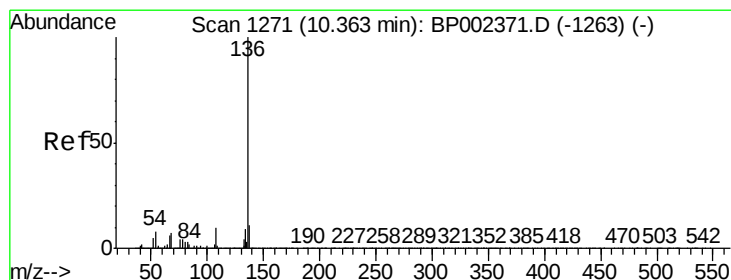
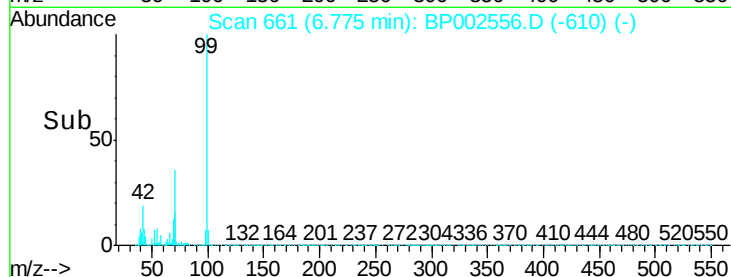
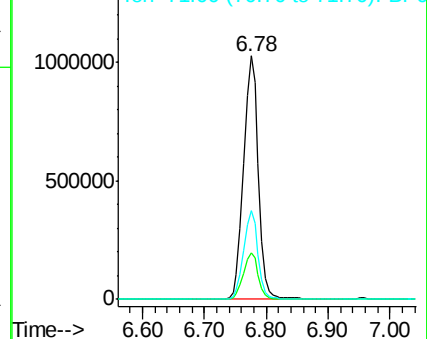
71 36.6 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Tgt Ion: 136 Resp: 804824

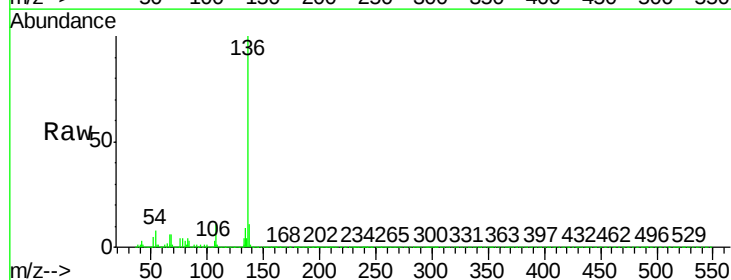
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 6.6 10.0

68 6.3 5.4 8.0

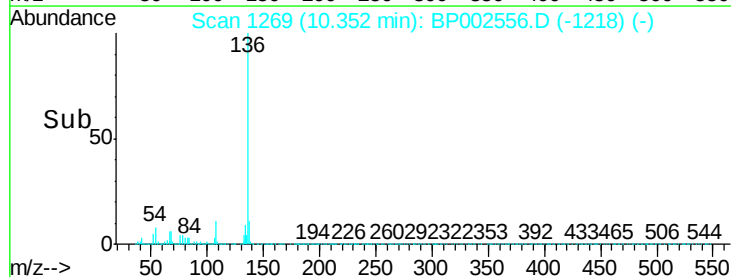
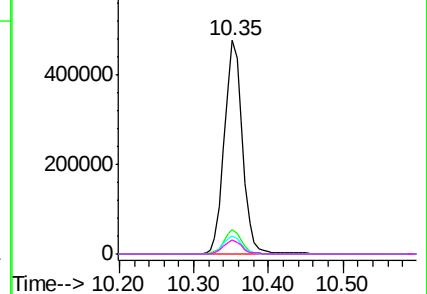


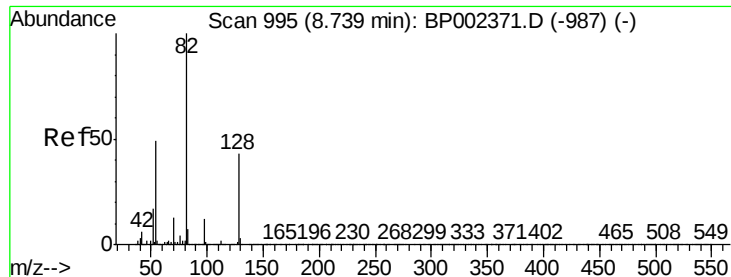
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

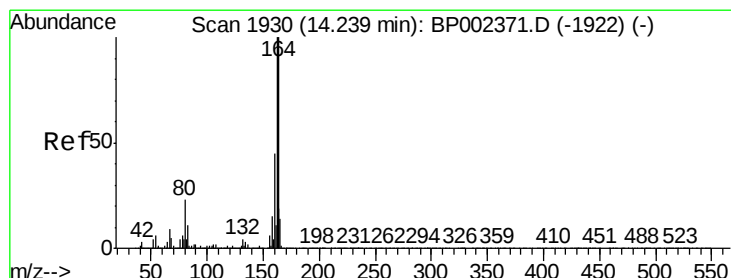
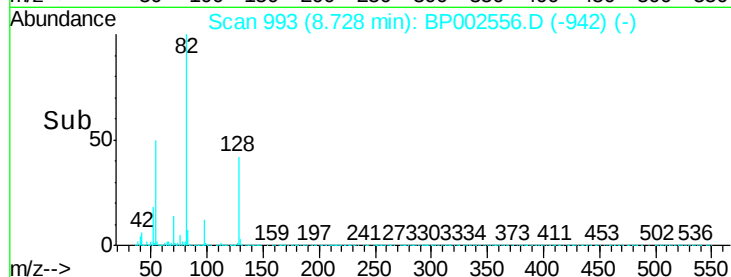
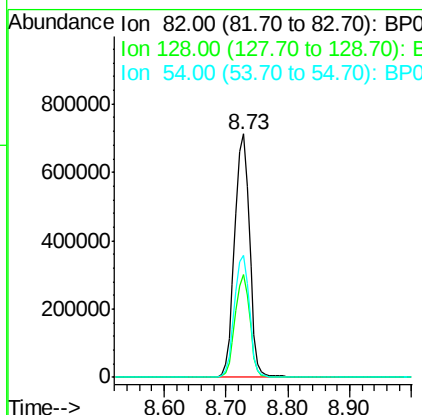
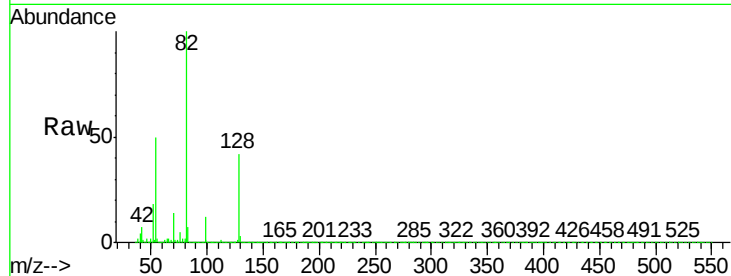




#23
Nitrobenzene-d5
Concen: 88.991 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002556.D
Acq: 26 Jun 2020 17:56

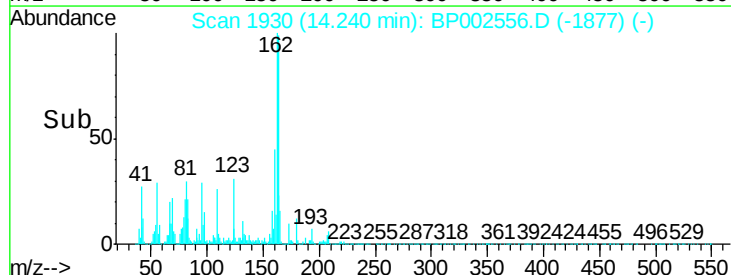
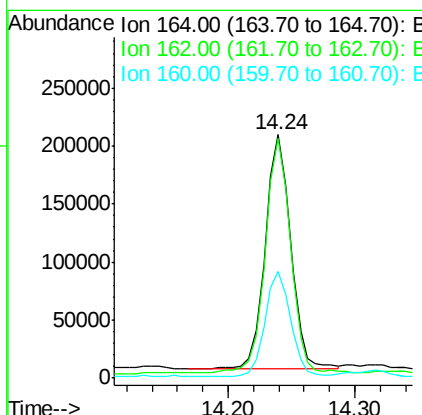
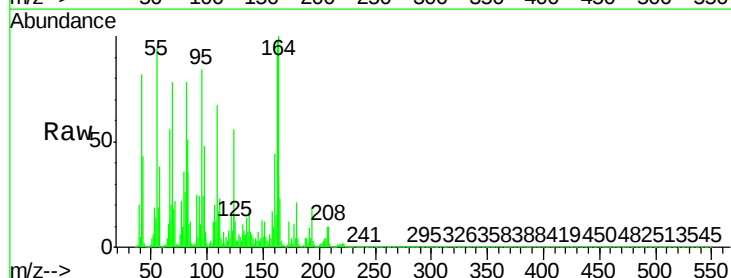
Instrument :
BNA_P
ClientSampleId :
VNJ-242

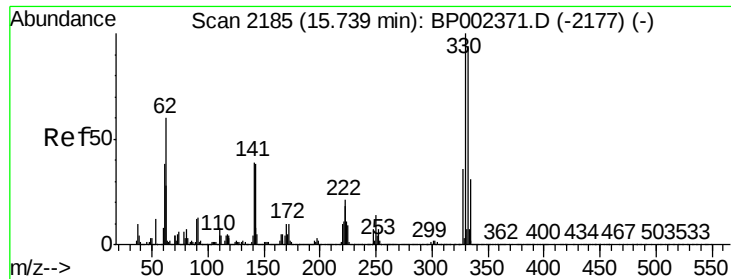
Tot Ion: 82 Resp: 1199326
Ion Ratio Lower Upper
82 100
128 42.2 32.8 49.2
54 50.2 39.9 59.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BP002556.D
Acq: 26 Jun 2020 17:56

Tgt Ion:164 Resp: 285096
Ion Ratio Lower Upper
164 100
162 98.3 80.6 121.0
160 44.0 35.4 53.2

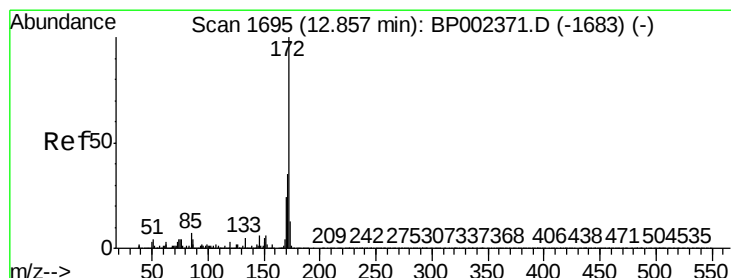
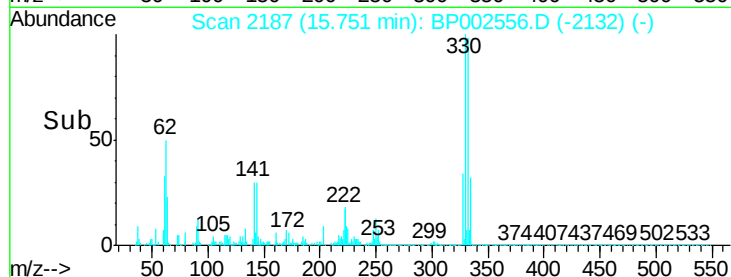
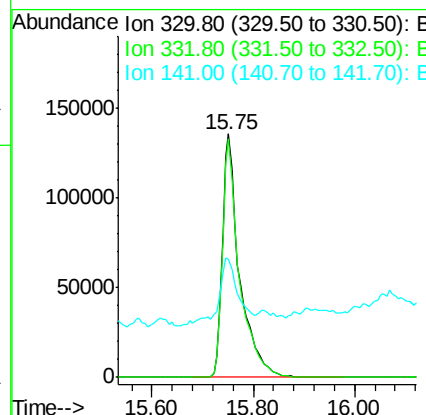
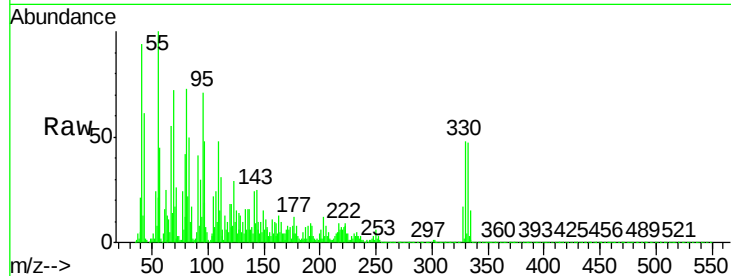




#42
 2,4,6-Tribromophenol
 Concen: 116.553 ng
 RT: 15.75 min Scan# 2187
 Delta R.T. 0.02 min
 Lab File: BP002556.D
 Acq: 26 Jun 2020 17:56

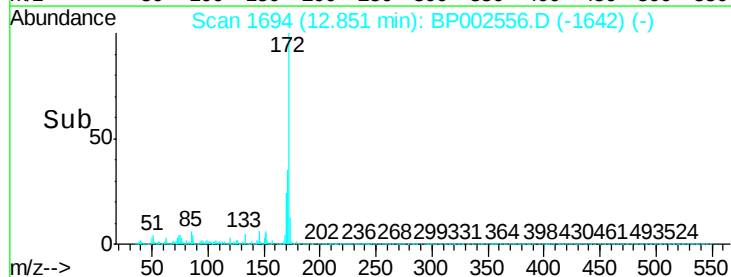
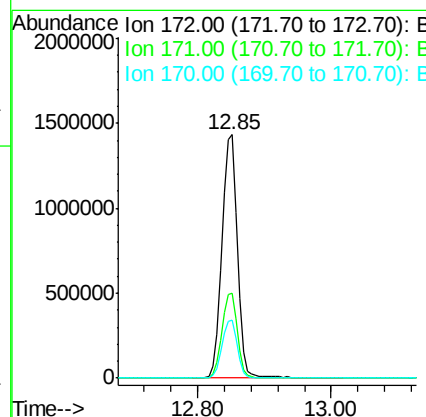
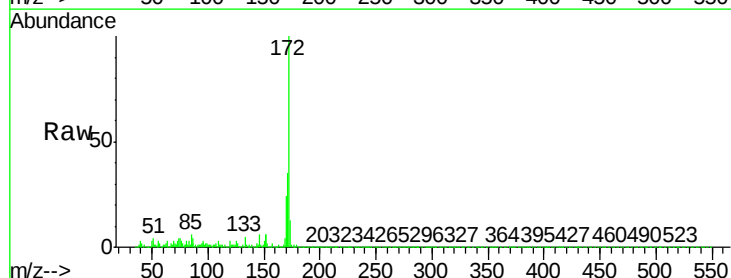
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242

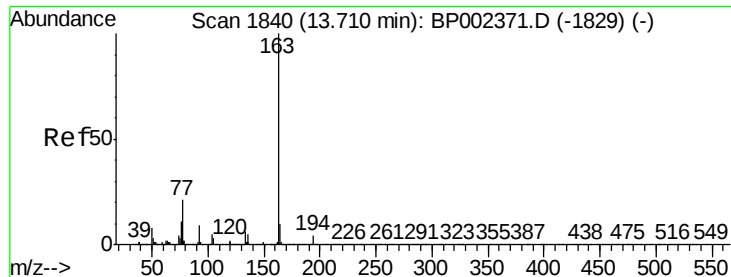
Tot Ion:330 Resp: 318143
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 33.0 30.4 45.6



#45
 2-Fluorobiphenyl
 Concen: 139.481 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: BP002556.D
 Acq: 26 Jun 2020 17:56

Tgt Ion:172 Resp: 2364989
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 24.0 19.0 28.6





#50

Dimethylphthalate

Concen: 10.835 ng

RT: 13.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

BNA_P

ClientSampleId :

VNJ-242

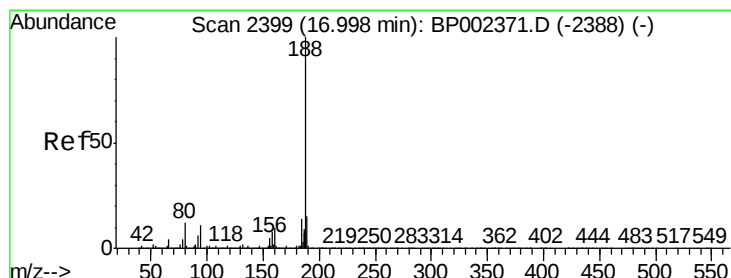
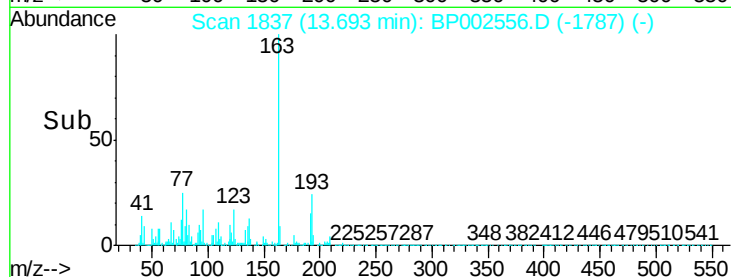
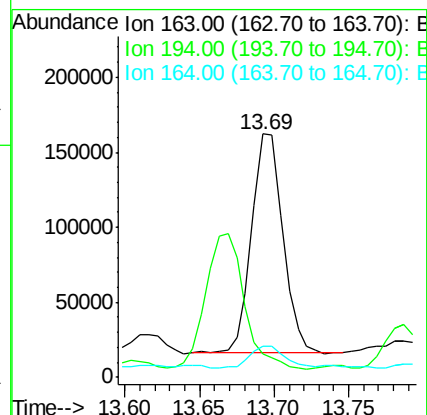
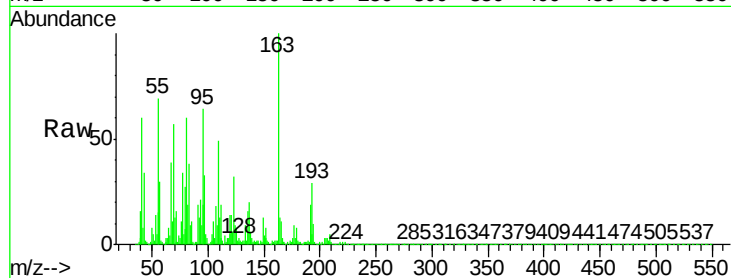
Tot Ion:163 Resp: 211657

Ion Ratio Lower Upper

163 100

194 9.8 3.4 5.0#

164 12.8 8.2 12.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.03 min Scan# 2404

Delta R.T. 0.04 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

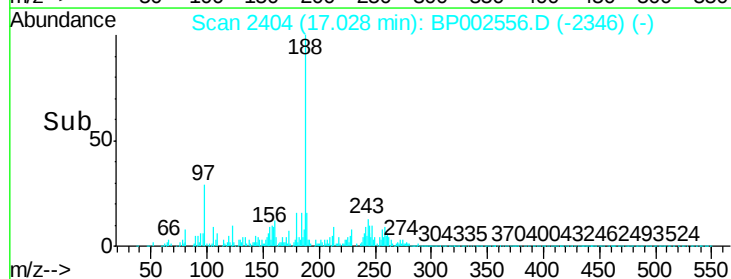
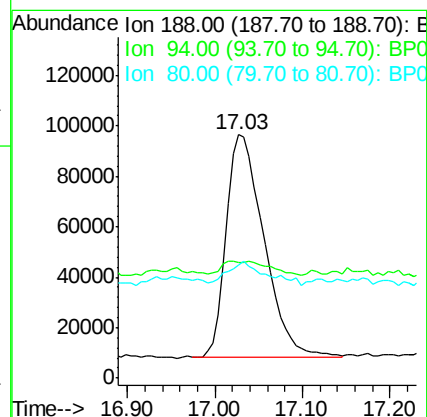
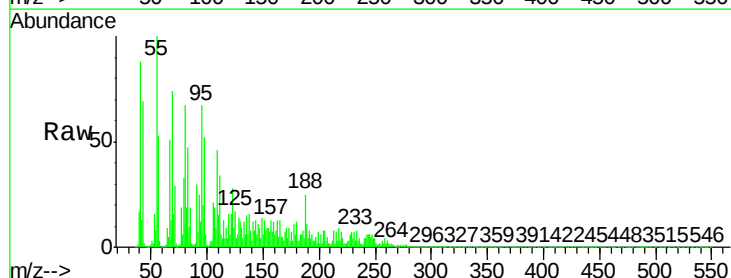
Tgt Ion:188 Resp: 262606

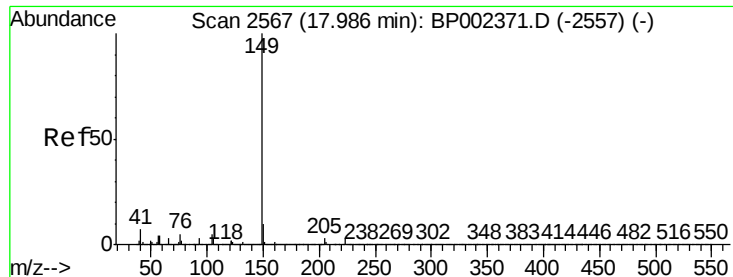
Ion Ratio Lower Upper

188 100

94 47.7 7.6 11.4#

80 46.3 8.3 12.5#





#74

Di-n-butylphthalate

Concen: 8.555 ng

RT: 18.00 min Scan# 2570

Delta R.T. 0.03 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

BNA_P

ClientSampled :

VNJ-242

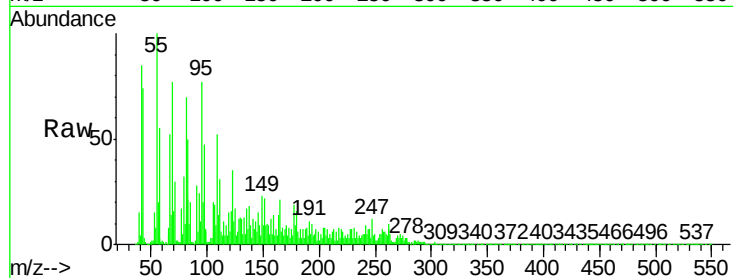
Tot Ion:149 Resp: 121543

Ion Ratio Lower Upper

149 100

150 40.1 7.4 11.2#

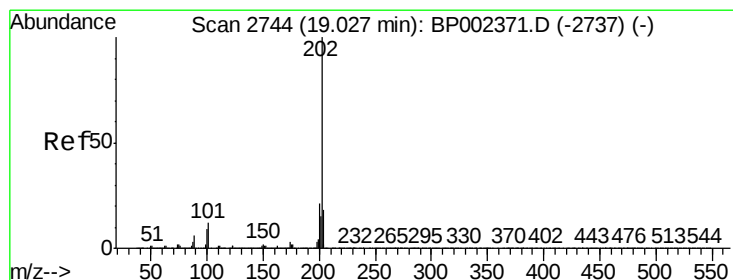
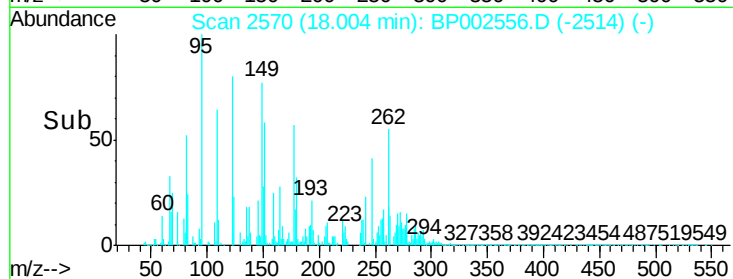
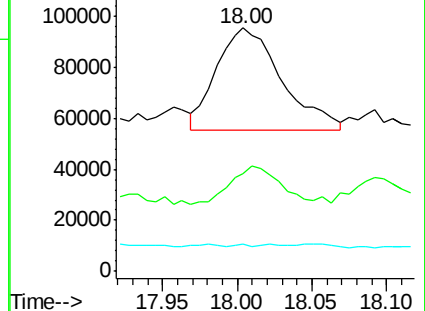
104 11.2 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 4.975 ng

RT: 19.07 min Scan# 2751

Delta R.T. 0.05 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

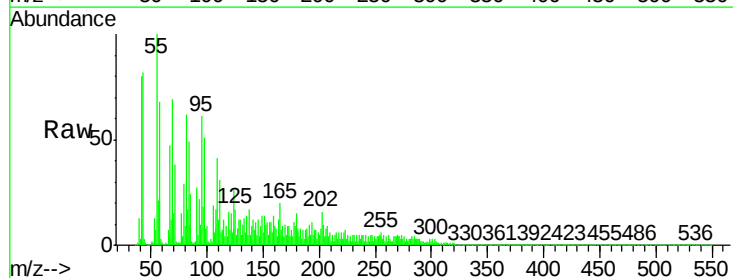
Tgt Ion:202 Resp: 72949

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.3

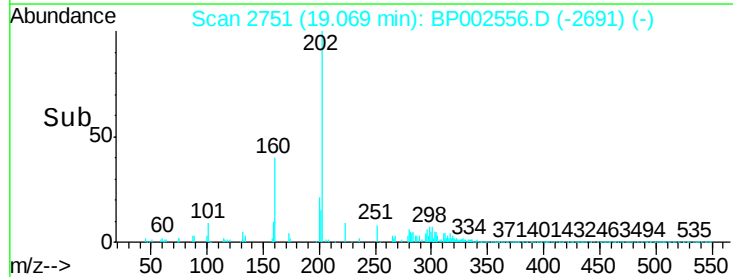
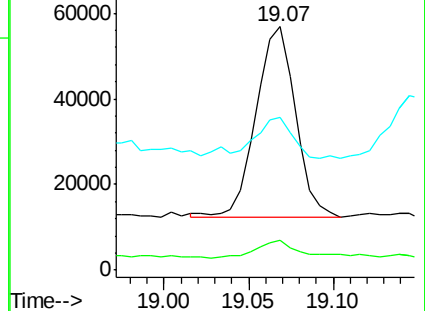
203 62.6 0.0 36.9#

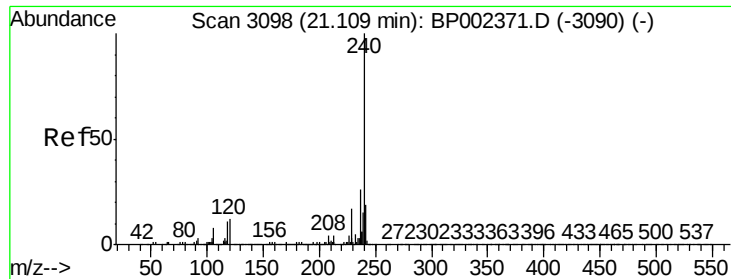


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

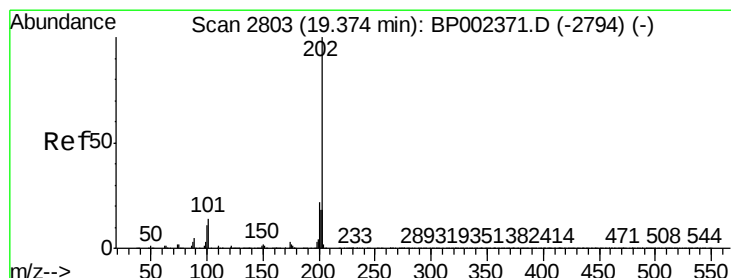
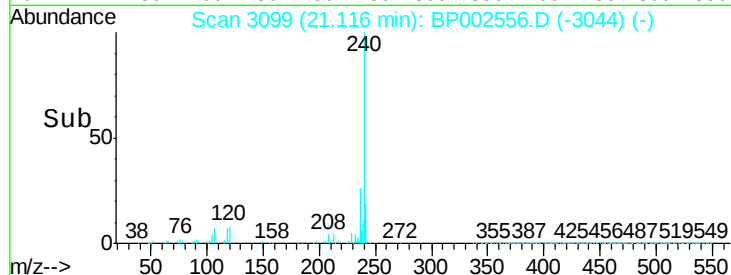
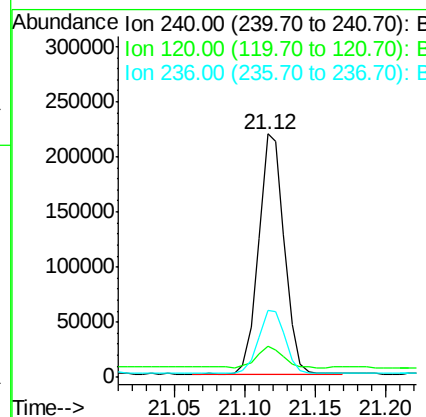
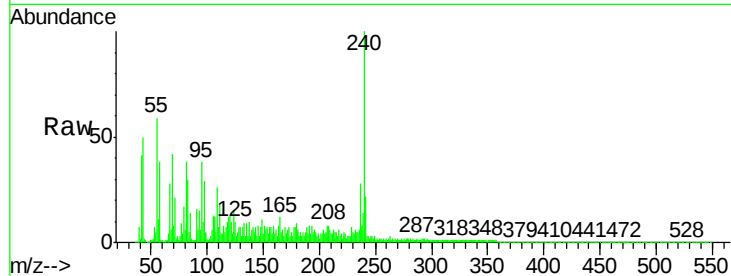




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.02 min
Lab File: BP002556.D
Acq: 26 Jun 2020 17:56

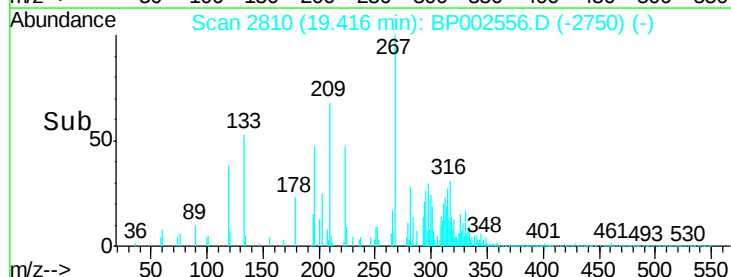
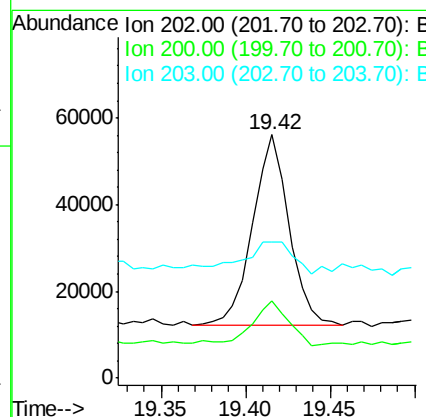
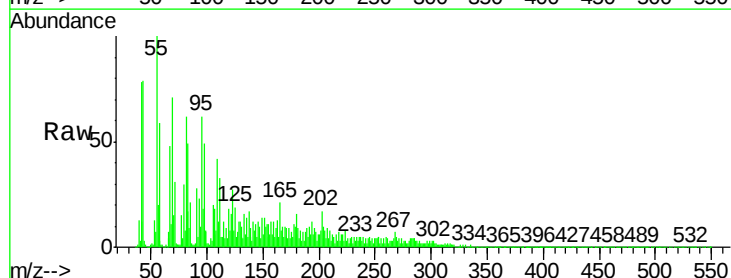
Instrument :
BNA_P
ClientSampleId :
VNJ-242

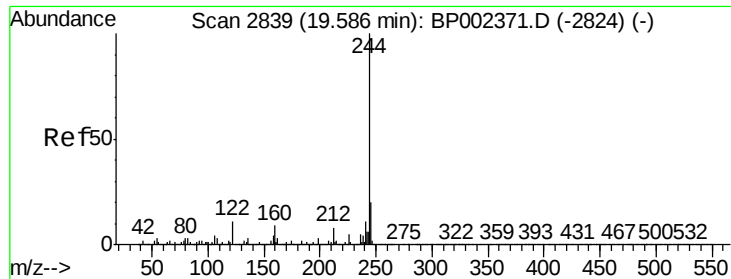
Tot Ion:240 Resp: 278976
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 27.7 21.7 32.5



#78
Pyrene
Concen: 3.858 ng
RT: 19.42 min Scan# 2810
Delta R.T. 0.05 min
Lab File: BP002556.D
Acq: 26 Jun 2020 17:56

Tgt Ion:202 Resp: 65931
Ion Ratio Lower Upper
202 100
200 31.5 17.4 26.2#
203 55.6 14.1 21.1#





#79

Terphenyl-d14

Concen: 121.862 ng

RT: 19.62 min Scan# 2844

Delta R.T. 0.04 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

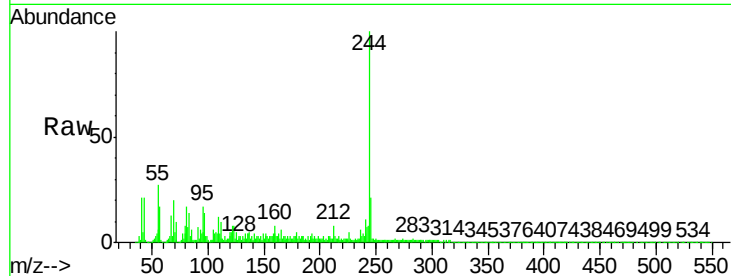
BNA_P

ClientSampleId :

VNJ-242

Tot Ion:244 Resp: 1191977

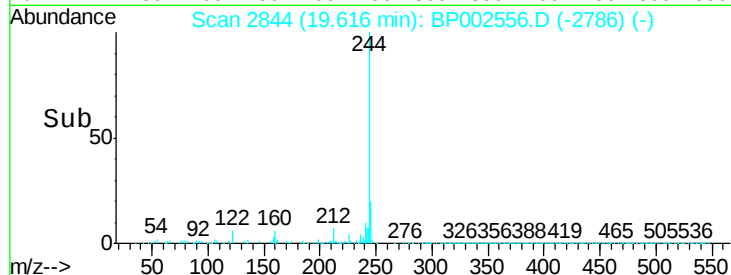
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	8.2	8.0	12.0



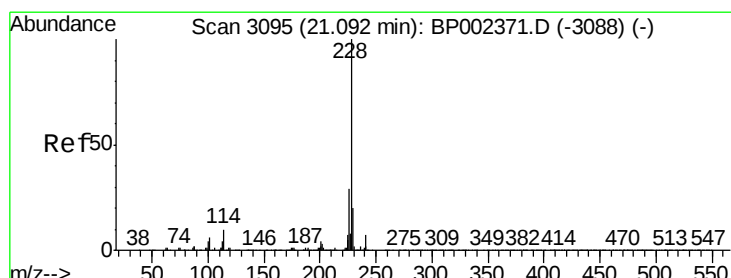
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.50 19.60 19.70



#81

Benzo(a)anthracene

Concen: 2.563 ng

RT: 21.10 min Scan# 3097

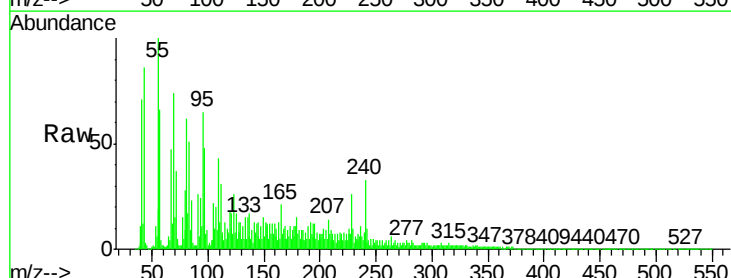
Delta R.T. 0.02 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Tgt Ion:228 Resp: 40809

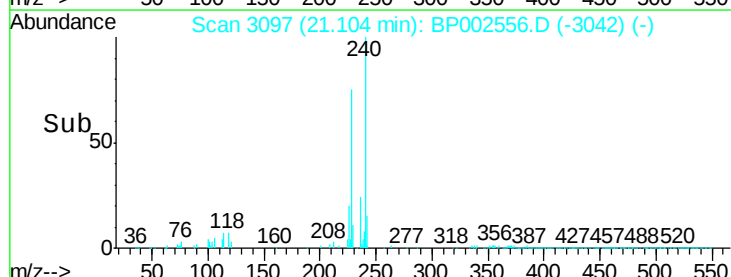
Ion	Ratio	Lower	Upper
228	100		
226	37.0	22.3	33.5#
229	37.0	15.9	23.9#



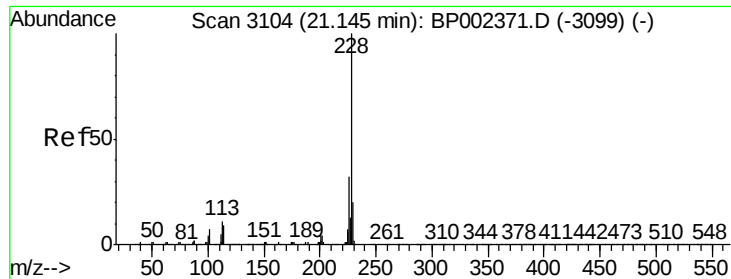
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.05 21.10



#83

Chrysene

Concen: 3.328 ng

RT: 21.15 min Scan# 3105

Delta R.T. 0.02 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

BNA_P

ClientSampleId :

VNJ-242

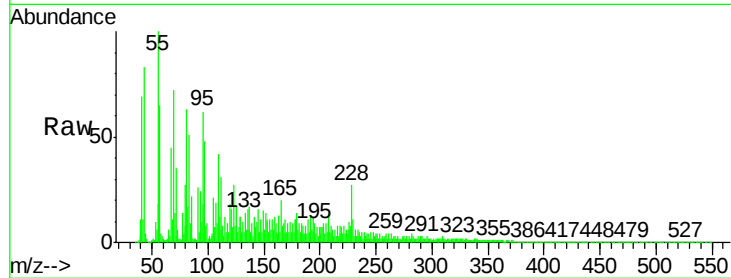
Tot Ion:228 Resp: 50205

Ion Ratio Lower Upper

228 100

226 37.4 25.0 37.6

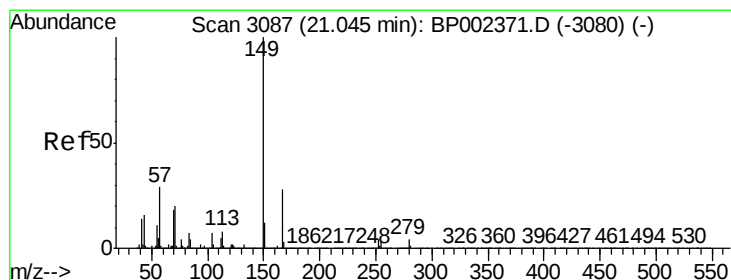
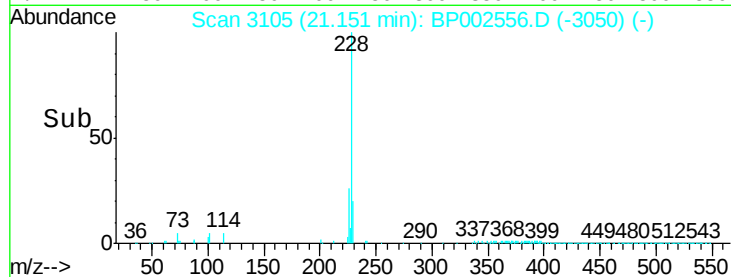
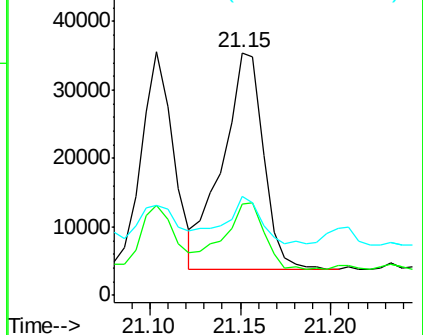
229 40.7 15.7 23.5#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.460 ng

RT: 21.05 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

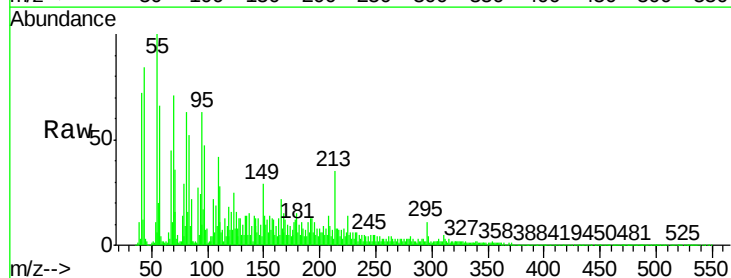
Tgt Ion:149 Resp: 27184

Ion Ratio Lower Upper

149 100

167 50.9 23.2 34.8#

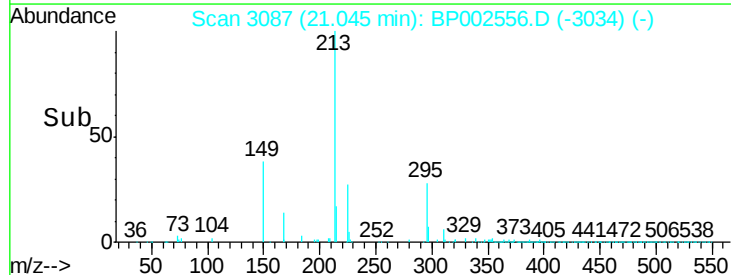
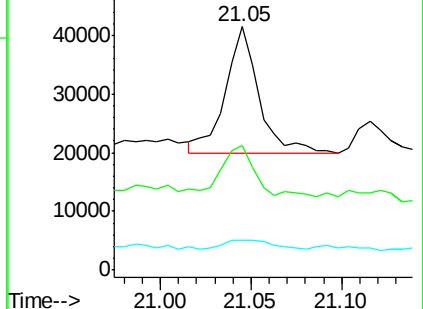
279 12.0 3.8 5.8#

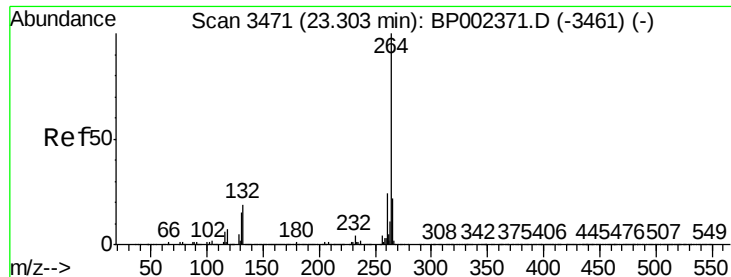


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. 0.02 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

BNA_P

ClientSampleId :

VNJ-242

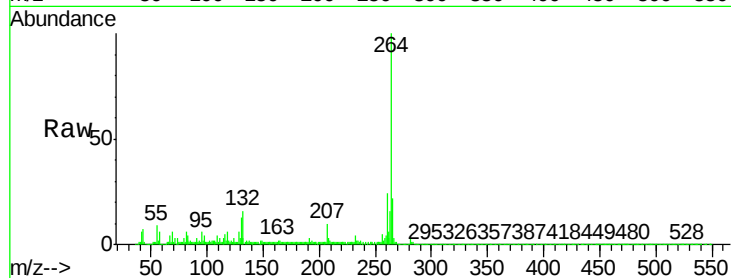
Tot Ion:264 Resp: 470516

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

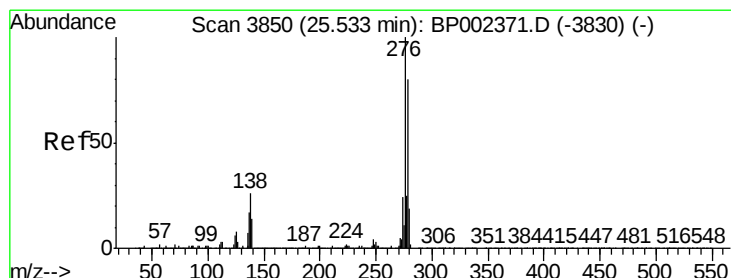
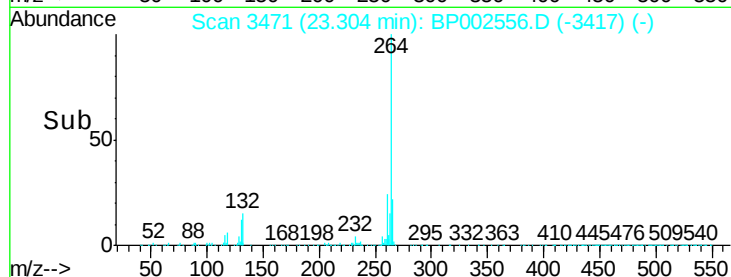
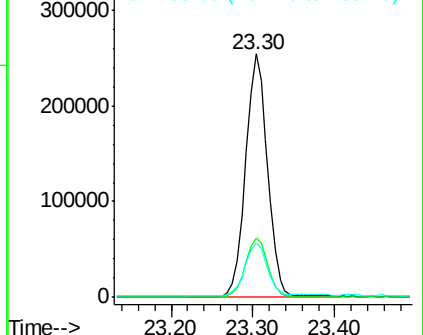
265 22.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.999 ng

RT: 25.51 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

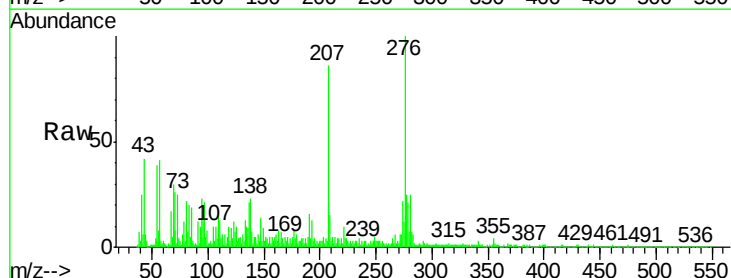
Tgt Ion:276 Resp: 88262

Ion Ratio Lower Upper

276 100

138 20.9 19.4 29.0

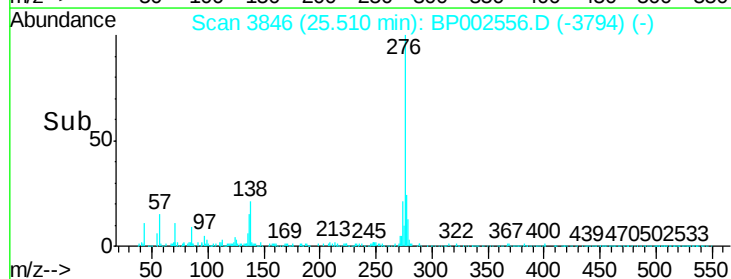
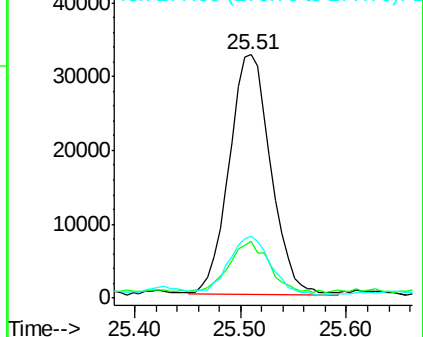
277 24.4 20.4 30.6

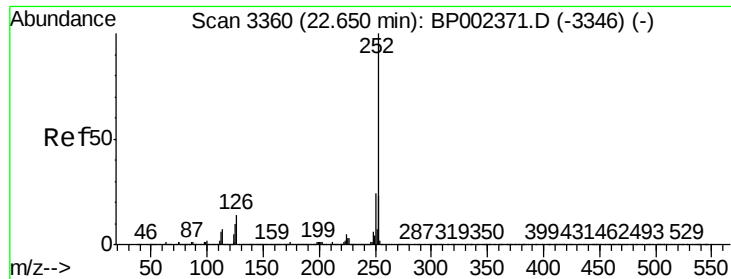


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#88

Benzo(b)fluoranthene

Concen: 5.115 ng

RT: 22.65 min Scan# 3360

Delta R.T. 0.02 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

BNA_P

ClientSampleId :

VNJ-242

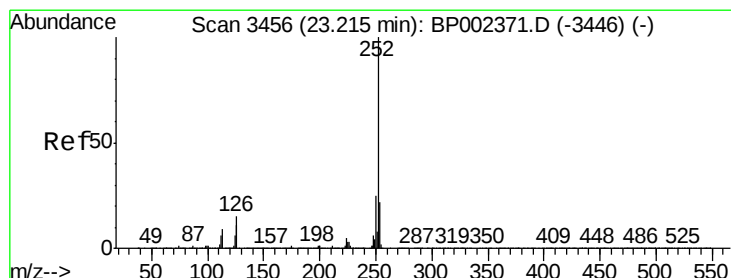
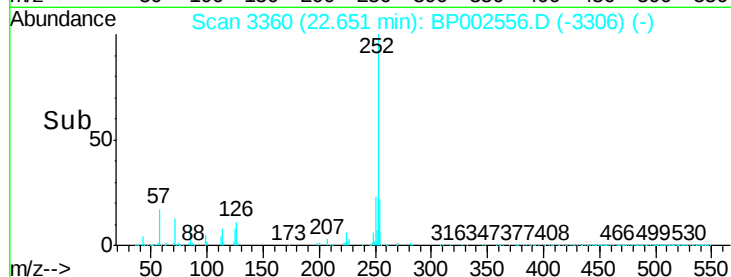
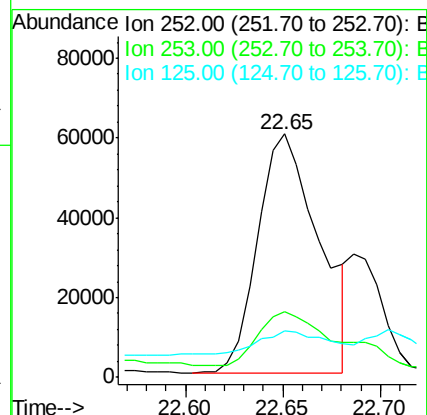
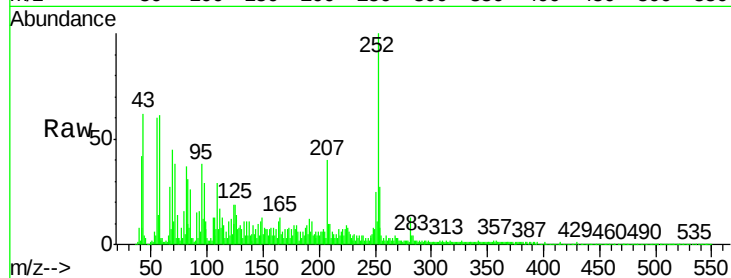
Tot Ion:252 Resp: 129783

Ion Ratio Lower Upper

252 100

253 27.0 18.1 27.1

125 19.3 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 3.116 ng

RT: 23.20 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

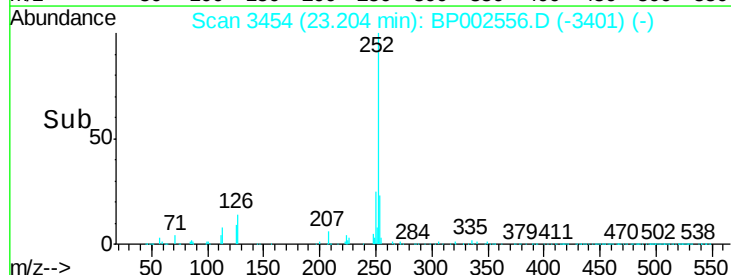
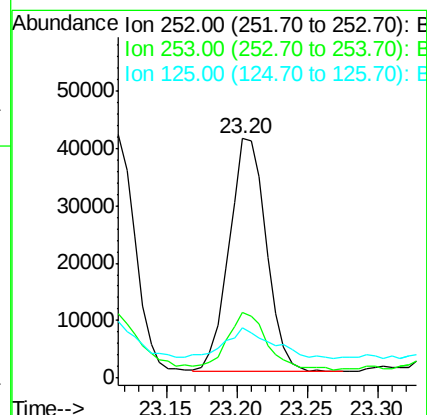
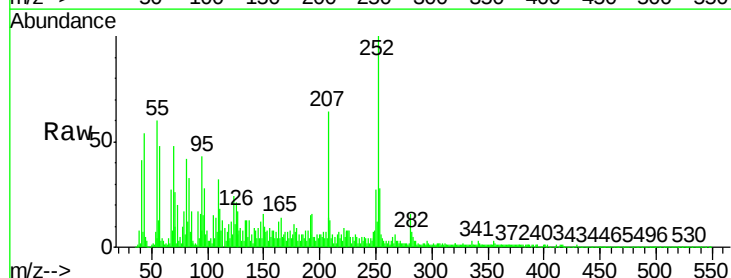
Tgt Ion:252 Resp: 74085

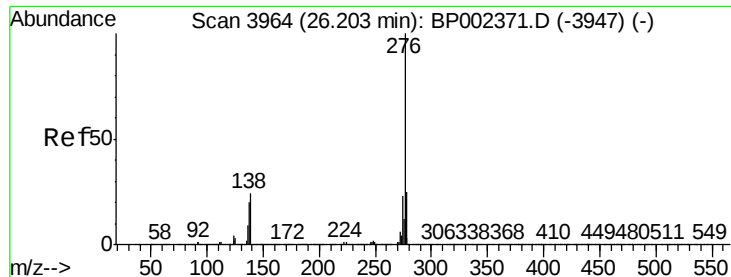
Ion Ratio Lower Upper

252 100

253 27.5 18.2 27.4#

125 21.1 8.7 13.1#





#92

Benzo(a,h,i)perylene

Concen: 3.555 ng

RT: 26.18 min Scan# 3960

Delta R.T. 0.01 min

Lab File: BP002556.D

Acq: 26 Jun 2020 17:56

Instrument :

BNA_P

ClientSampleId :

VNJ-242

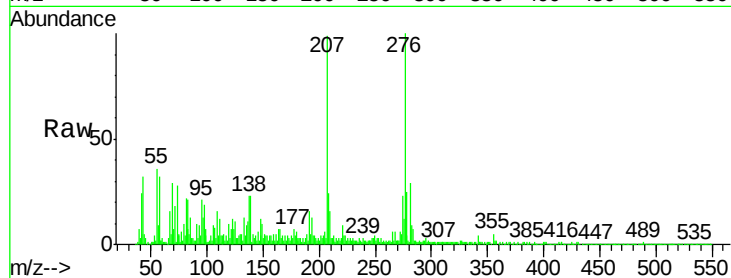
Tot Ion:276 Resp: 86913

Ion Ratio Lower Upper

276 100

277 25.1 18.7 28.1

138 23.1 17.6 26.4



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

