

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009644.D
 Acq On : 31 Mar 2022 17:50
 Operator : CG/JU
 Sample : N2198-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-VNJ-202

Quant Time: Apr 01 04:10:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

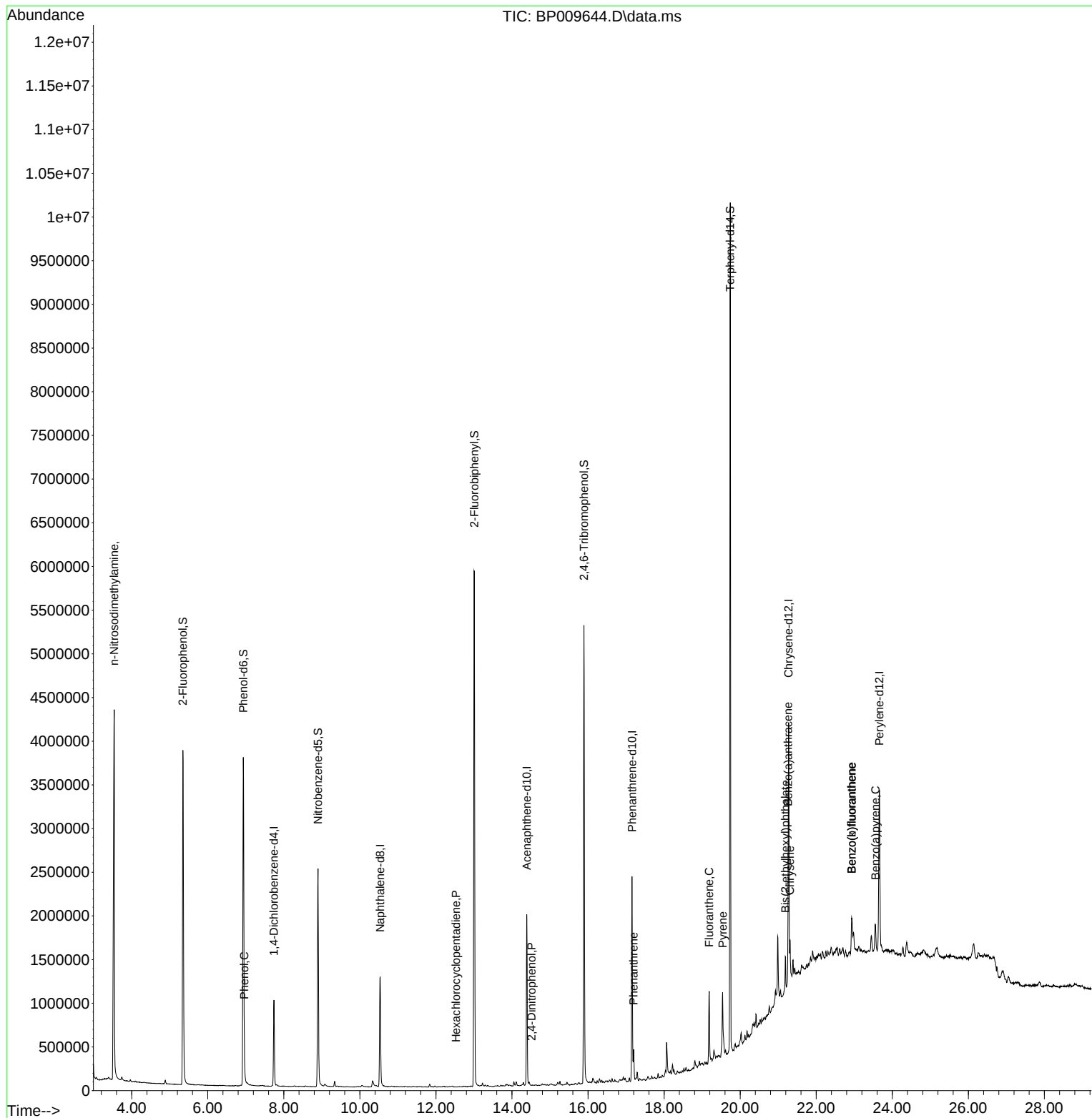
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	302665	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1225505	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	761587	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1509032	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1410017	20.000	ng	0.00
86) Perylene-d12	23.663	264	1515874	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2045810	118.013	ng	0.00
7) Phenol-d6	6.934	99	2622999	111.885	ng	0.00
23) Nitrobenzene-d5	8.899	82	1679700	72.835	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1156709	92.040	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3524113	64.148	ng	0.00
79) Terphenyl-d14	19.739	244	4943295	62.926	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.540	42	180540	26.508	ng	# 1
9) Benzaldehyde	6.828	77	207	Below Cal		# 28
10) Phenol	6.963	94	60764	2.584	ng	77
41) Hexachlorocyclopentadiene	12.528	237	43	7.292	ng	77
54) 2,4-Dinitrophenol	14.516	184	122	4.548	ng	# 1
71) Phenanthrene	17.198	178	233010	2.885	ng	98
75) Fluoranthene	19.186	202	496935	5.081	ng	99
78) Pyrene	19.539	202	461931	4.972	ng	99
81) Benzo(a)anthracene	21.263	228	249302	2.691	ng	94
83) Chrysene	21.310	228	254108	2.897	ng	95
84) Bis(2-ethylhexyl)phtha...	21.192	149	153886	2.796	ng	# 99
88) Benzo(b)fluoranthene	22.933	252	335661	3.709	ng	# 95
89) Benzo(k)fluoranthene	22.933	252	335661	3.788	ng	# 94
90) Benzo(a)pyrene	23.557	252	234136	3.024	ng	# 94

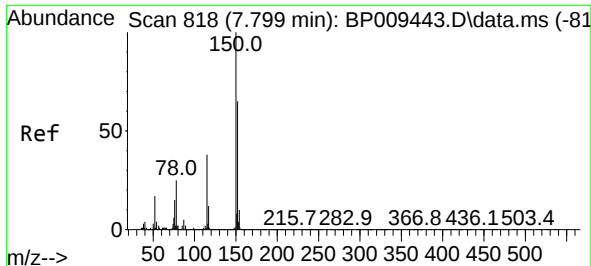
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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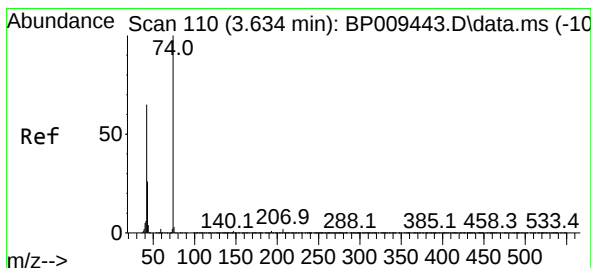
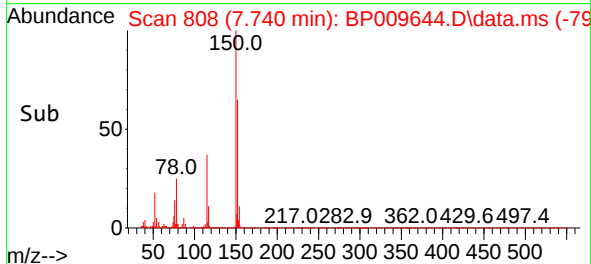
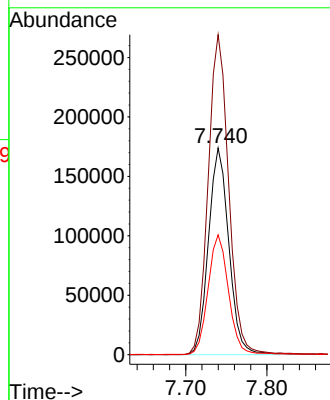
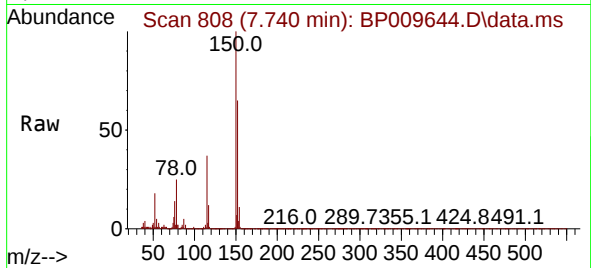




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP009644.D
 Acq: 31 Mar 2022 17:50

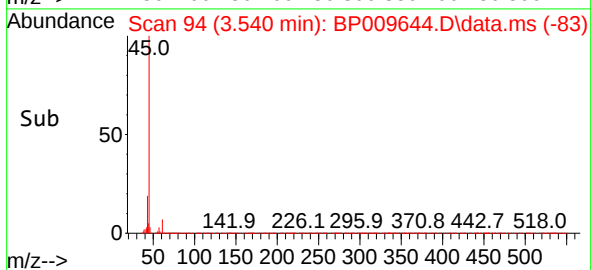
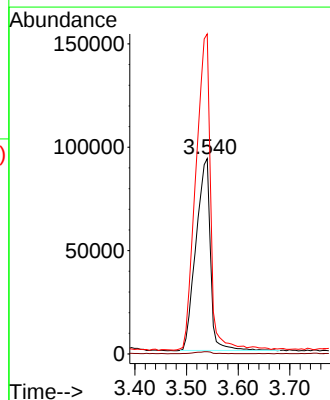
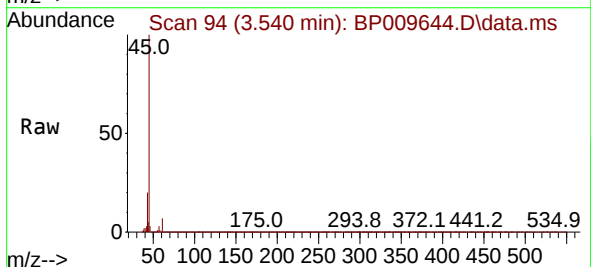
Instrument :
 BNA_P
 ClientSampleId :
 RO-VNJ-202

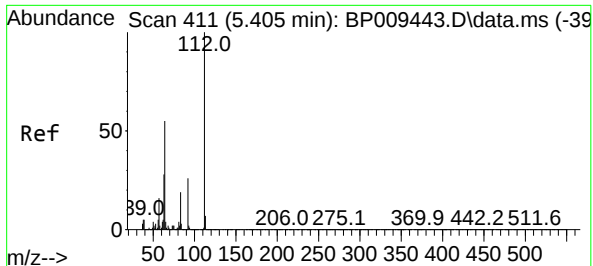
Tgt Ion:152 Resp: 302665
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.5 186.7
 115 57.9 48.2 72.4



#4
 n-Nitrosodimethylamine
 Concen: 26.508 ng
 RT: 3.540 min Scan# 94
 Delta R.T. -0.035 min
 Lab File: BP009644.D
 Acq: 31 Mar 2022 17:50

Tgt Ion: 42 Resp: 180540
 Ion Ratio Lower Upper
 42 100
 74 1.2 122.1 183.1#
 44 163.8 5.8 8.8#

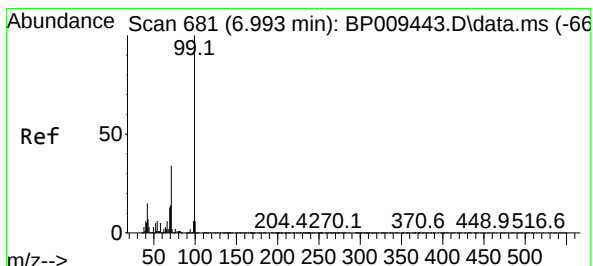
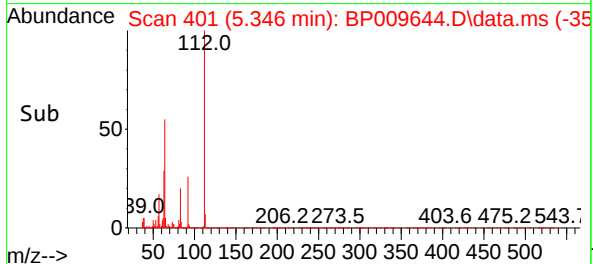
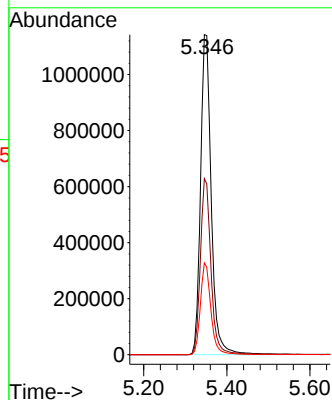
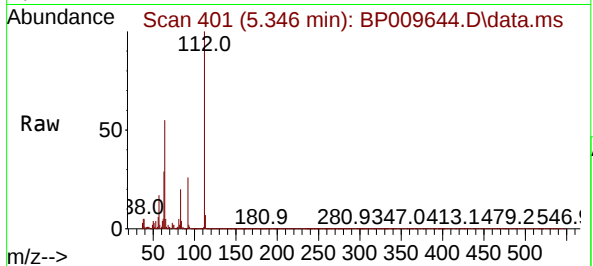




#5
2-Fluorophenol
Concen: 118.013 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

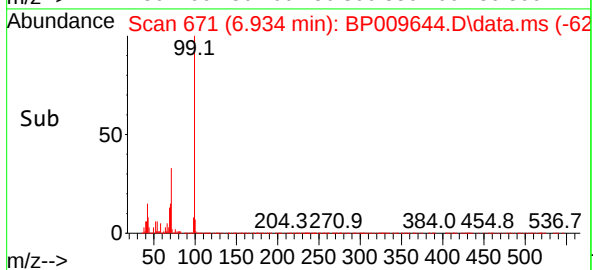
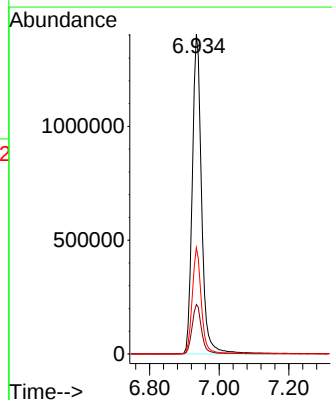
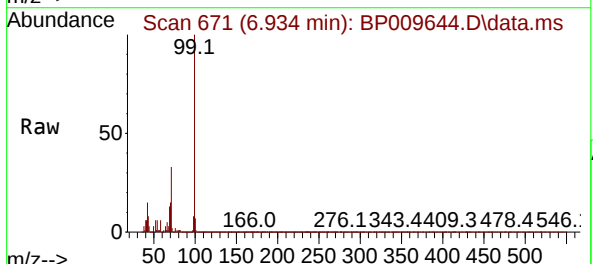
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-202

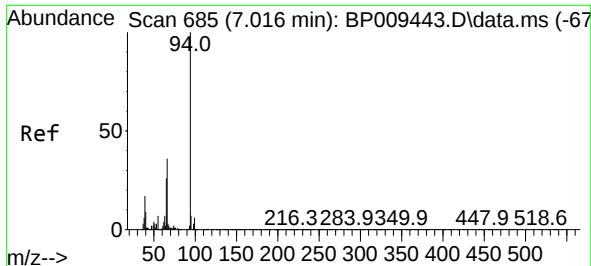
Tgt Ion:112 Resp: 2045810
Ion Ratio Lower Upper
112 100
64 55.0 45.0 67.4
63 28.7 23.0 34.6



#7
Phenol-d6
Concen: 111.885 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

Tgt Ion: 99 Resp: 2622999
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.2 26.3 39.5

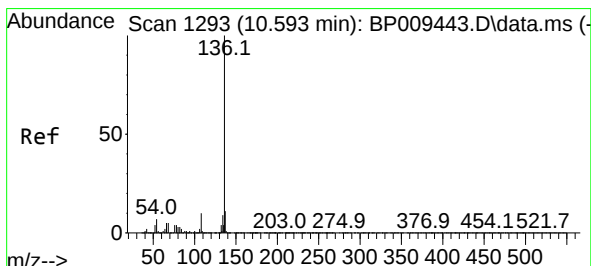
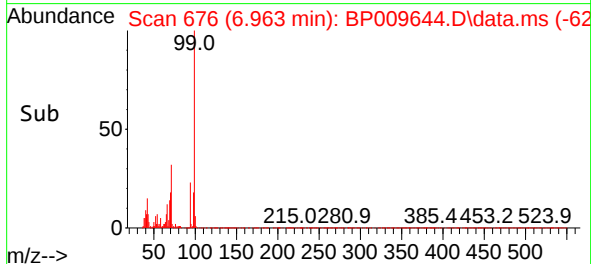
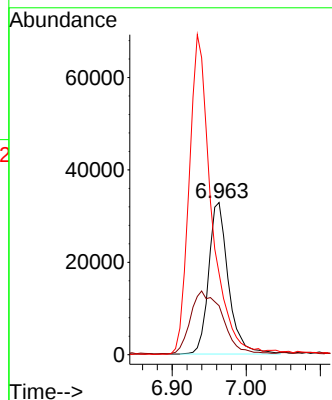
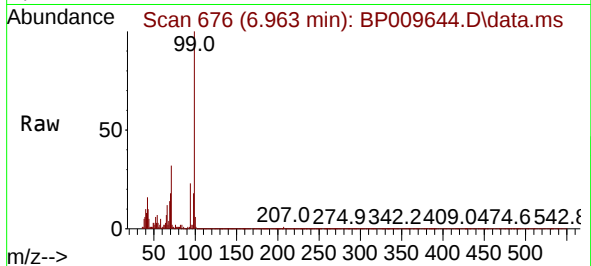




#10
Phenol
Concen: 2.584 ng
RT: 6.963 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

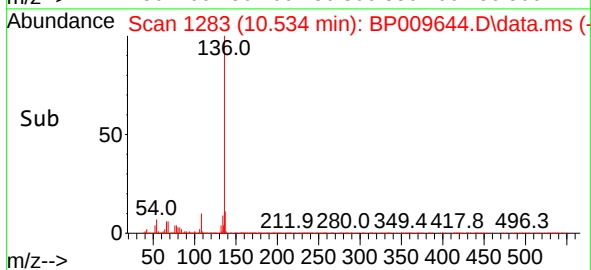
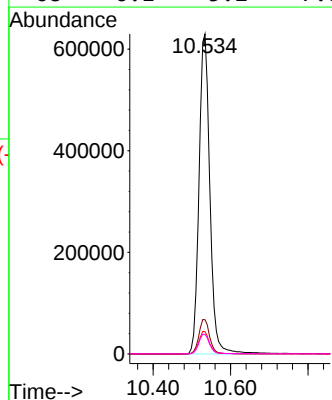
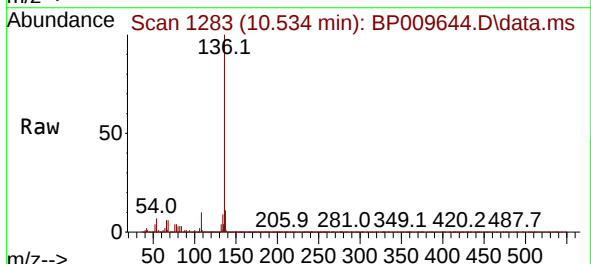
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-202

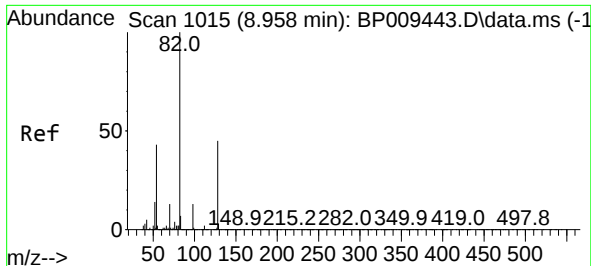
Tgt Ion: 94 Resp: 60764
Ion Ratio Lower Upper
94 100
65 32.2 7.2 47.2
66 53.4 14.3 54.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

Tgt Ion: 136 Resp: 1225505
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8

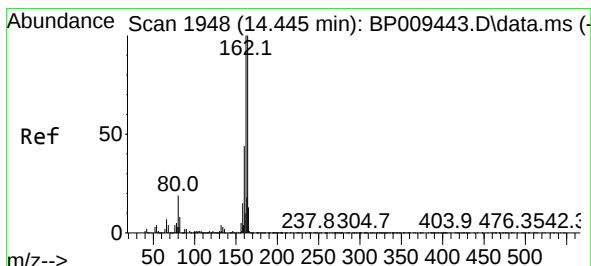
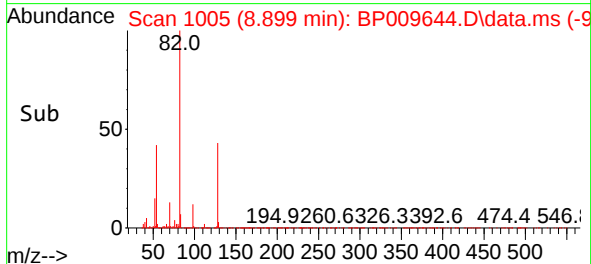
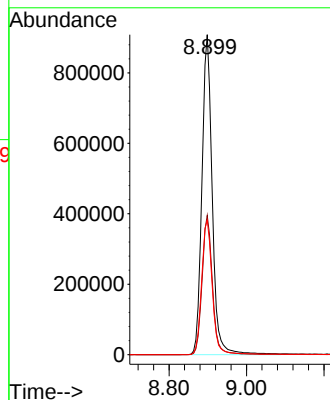
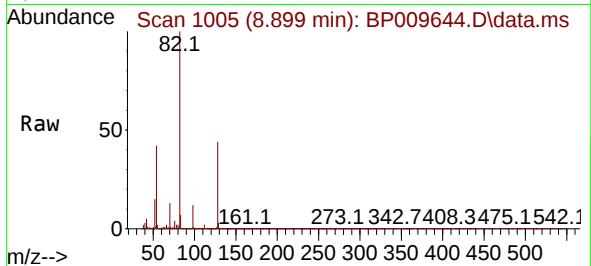




#23
Nitrobenzene-d5
Concen: 72.835 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

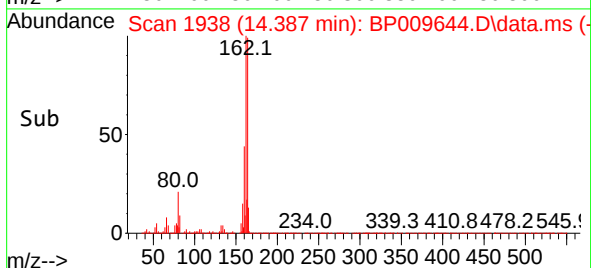
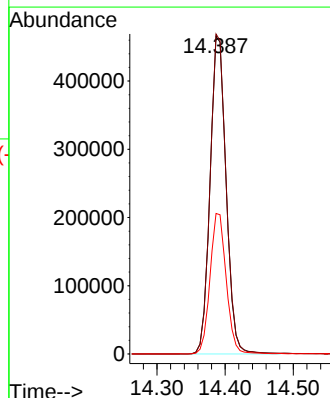
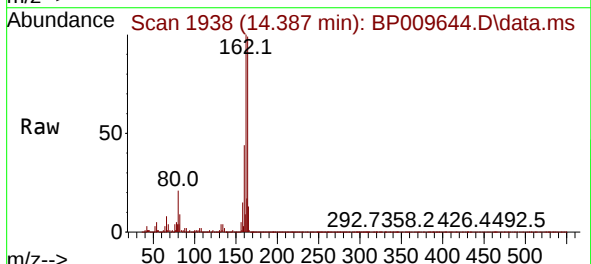
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-202

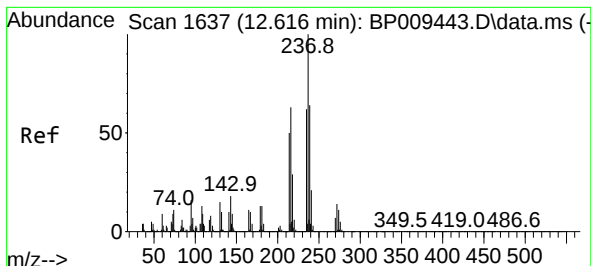
Tgt Ion: 82 Resp: 1679700
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.4
54 42.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

Tgt Ion: 164 Resp: 761587
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 44.2 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.292 ng

RT: 12.528 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP009644.D

Acq: 31 Mar 2022 17:50

Instrument :

BNA_P

ClientSampleId :

RO-VNJ-202

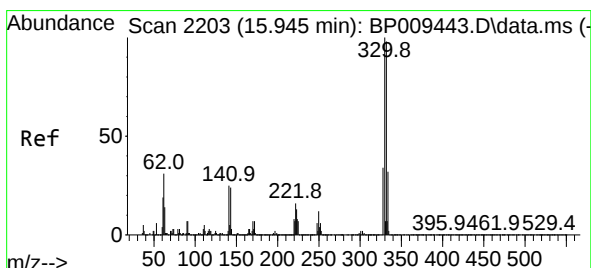
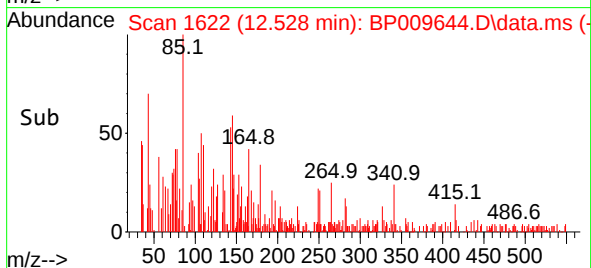
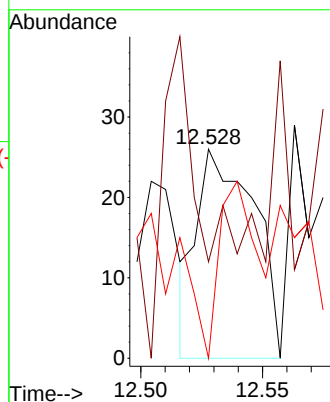
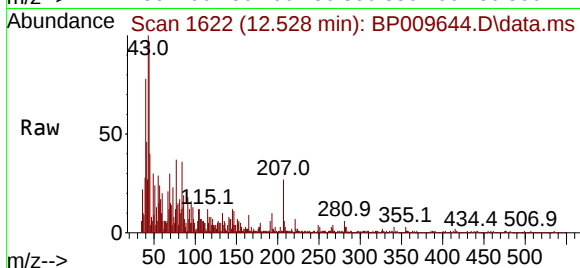
Tgt Ion:237 Resp: 43

Ion Ratio Lower Upper

237 100

235 46.2 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 92.040 ng

RT: 15.892 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BP009644.D

Acq: 31 Mar 2022 17:50

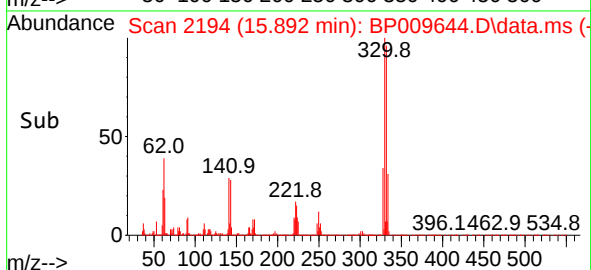
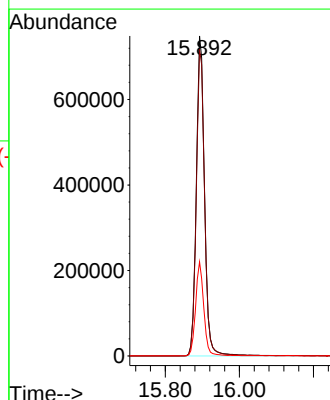
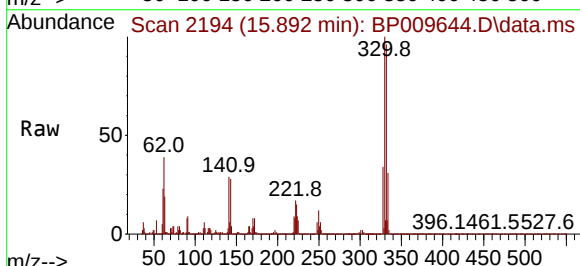
Tgt Ion:330 Resp: 1156709

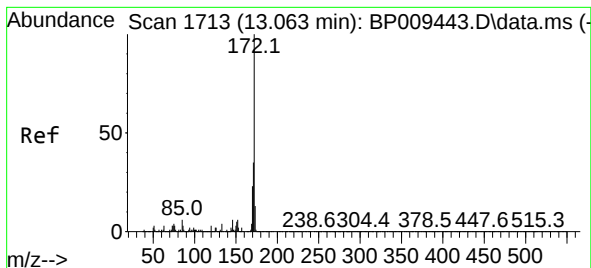
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 29.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 64.148 ng

RT: 13.010 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009644.D

Acq: 31 Mar 2022 17:50

Instrument :

BNA_P

ClientSampleId :

RO-VNJ-202

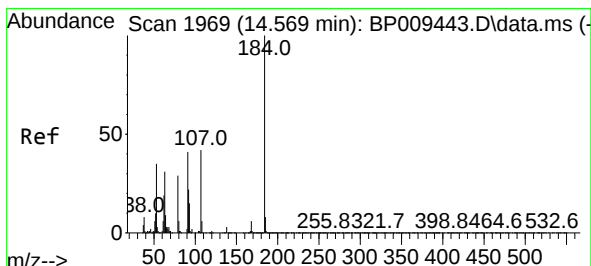
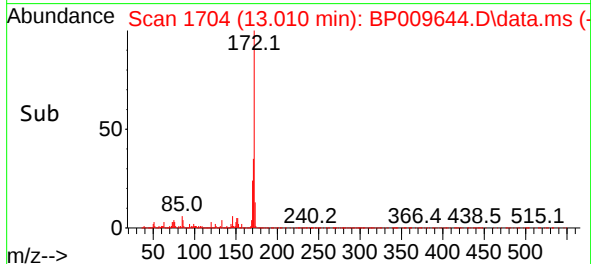
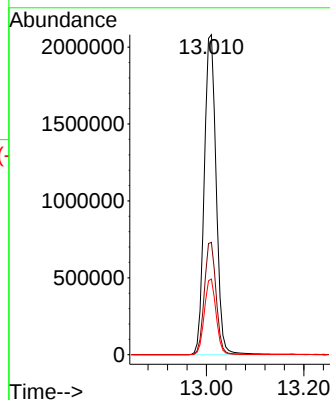
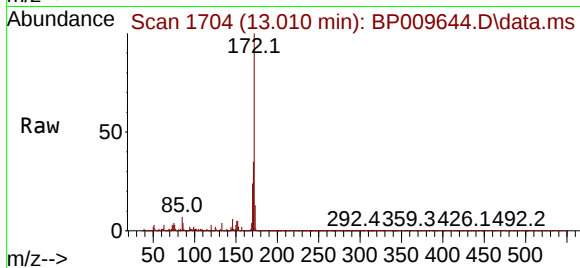
Tgt Ion:172 Resp: 3524113

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.6 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.548 ng

RT: 14.516 min Scan# 1960

Delta R.T. -0.012 min

Lab File: BP009644.D

Acq: 31 Mar 2022 17:50

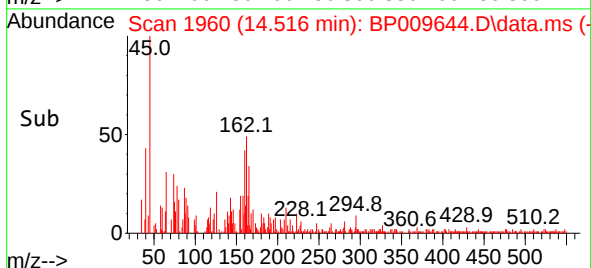
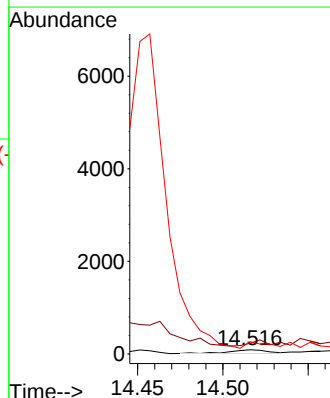
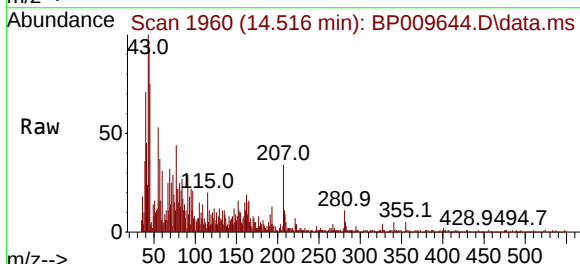
Tgt Ion:184 Resp: 122

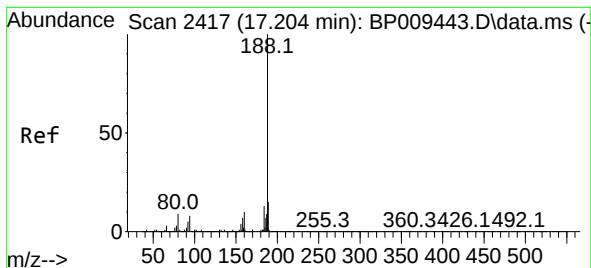
Ion Ratio Lower Upper

184 100

63 252.2 46.3 69.5#

154 288.0 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP009644.D

Acq: 31 Mar 2022 17:50

Instrument :

BNA_P

ClientSampleId :

RO-VNJ-202

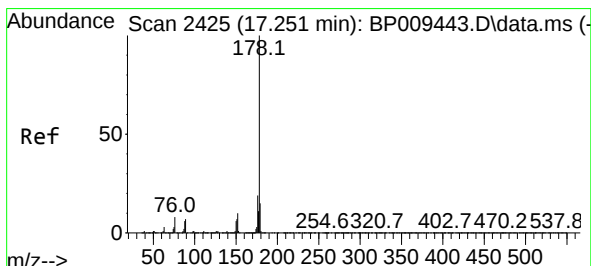
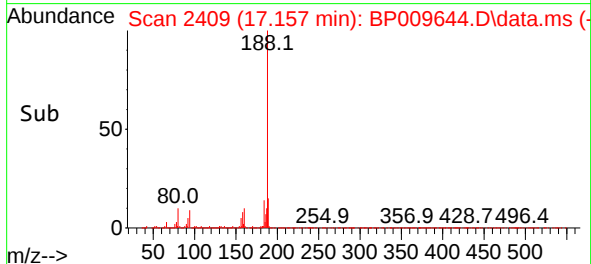
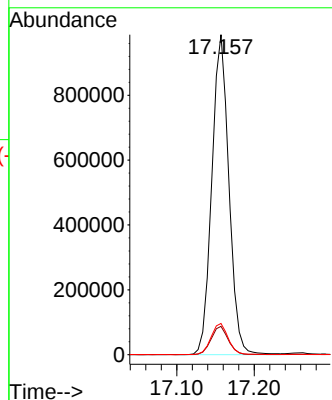
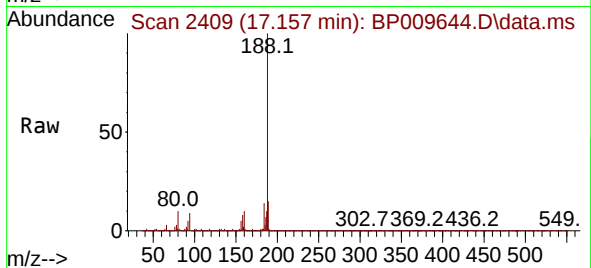
Tgt Ion:188 Resp: 1509032

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

80 9.7 8.8 13.2



#71

Phenanthrene

Concen: 2.885 ng

RT: 17.198 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP009644.D

Acq: 31 Mar 2022 17:50

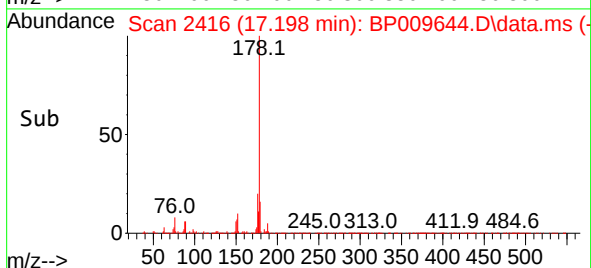
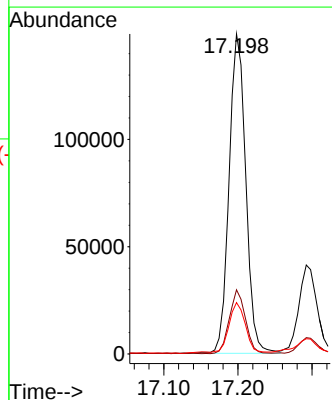
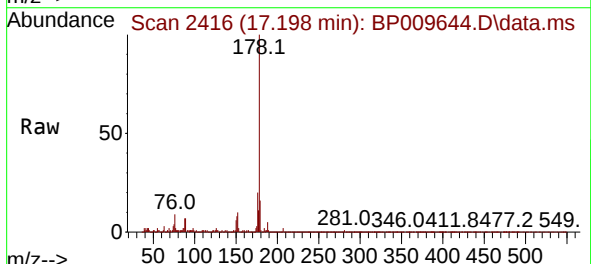
Tgt Ion:178 Resp: 233010

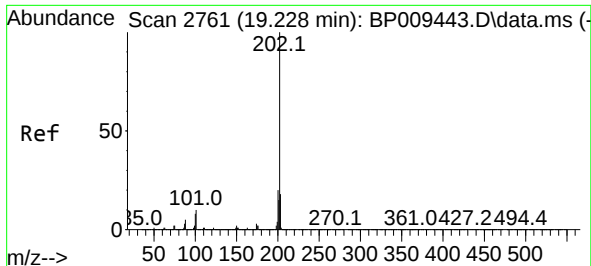
Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

179 16.0 12.3 18.5

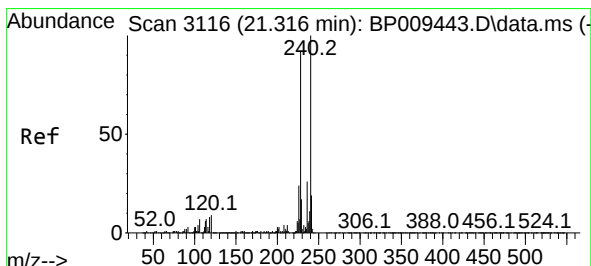
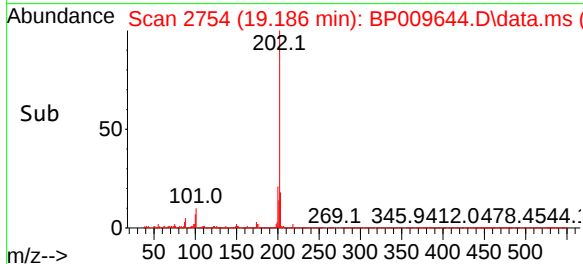
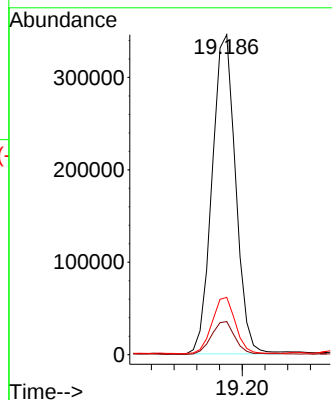
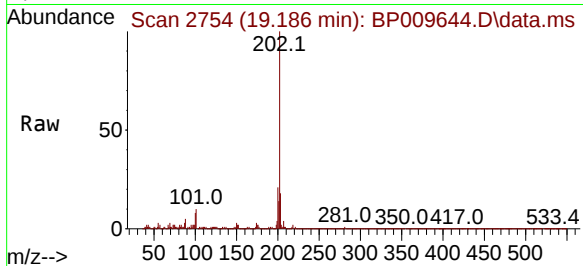




#75
Fluoranthene
Concen: 5.081 ng
RT: 19.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

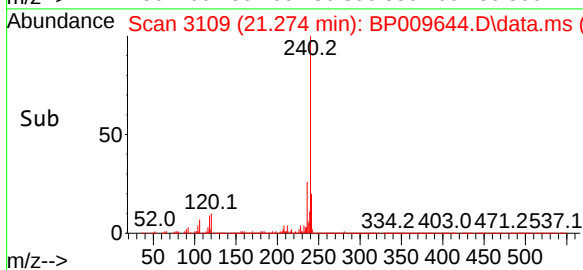
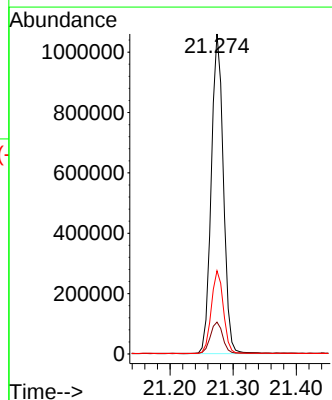
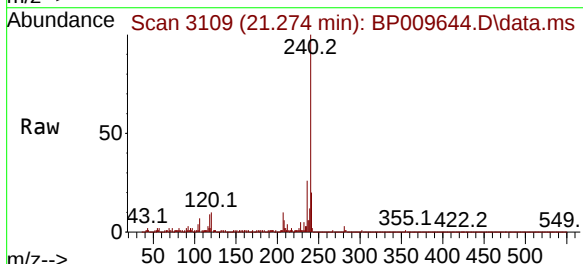
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-202

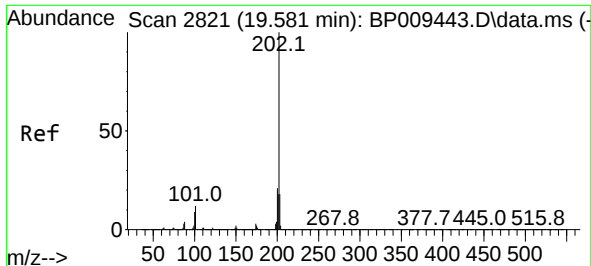
Tgt Ion:202 Resp: 496935
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.5
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

Tgt Ion:240 Resp: 1410017
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 26.0 20.6 30.8

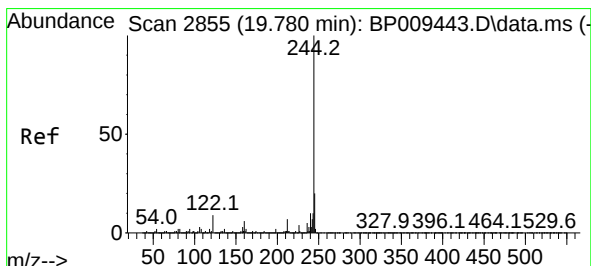
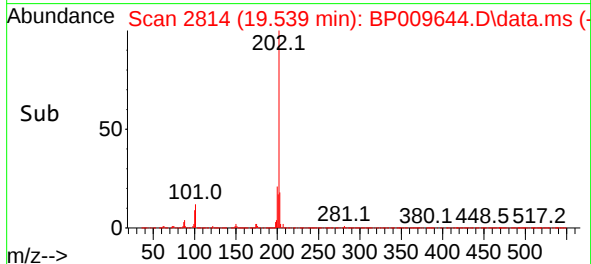
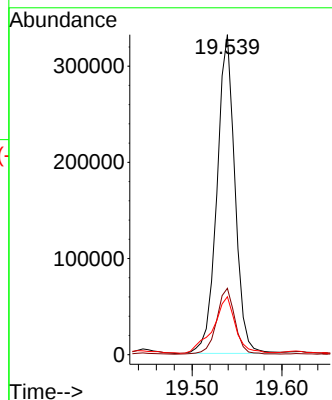
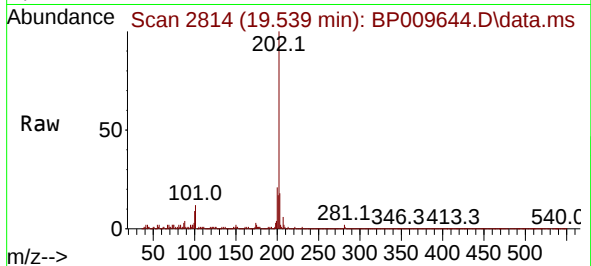




#78
Pyrene
Concen: 4.972 ng
RT: 19.539 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

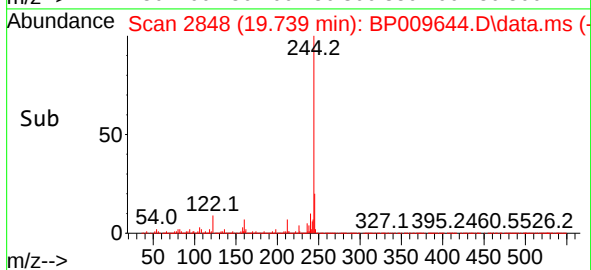
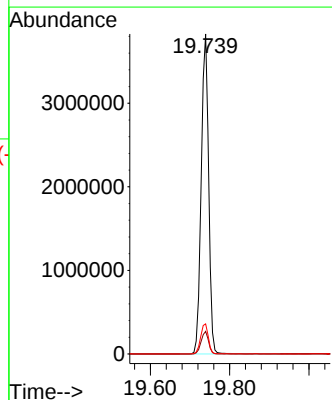
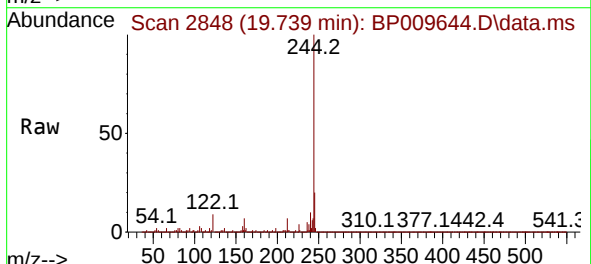
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-202

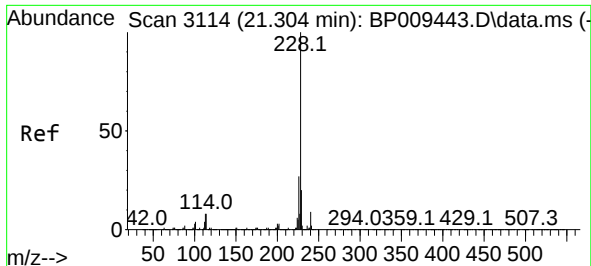
Tgt Ion:202 Resp: 461931
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 18.1 14.2 21.4



#79
Terphenyl-d14
Concen: 62.926 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

Tgt Ion:244 Resp: 4943295
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.4 8.3 12.5

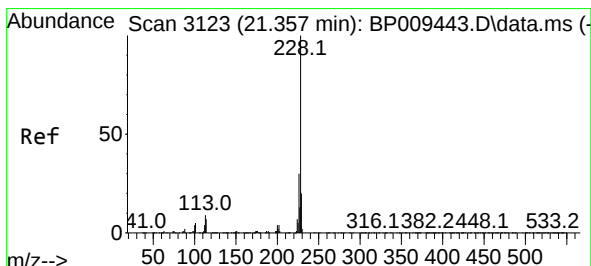
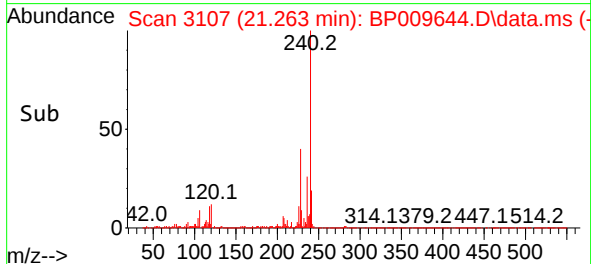
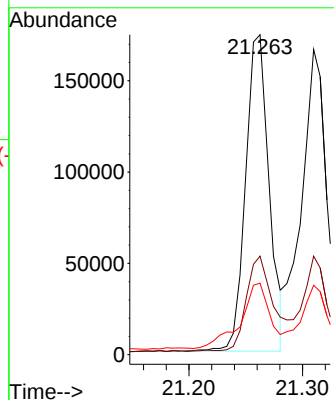
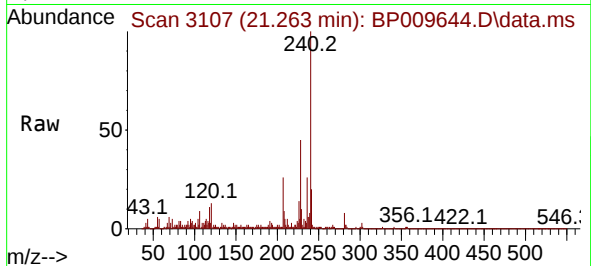




#81
Benzo(a)anthracene
Concen: 2.691 ng
RT: 21.263 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

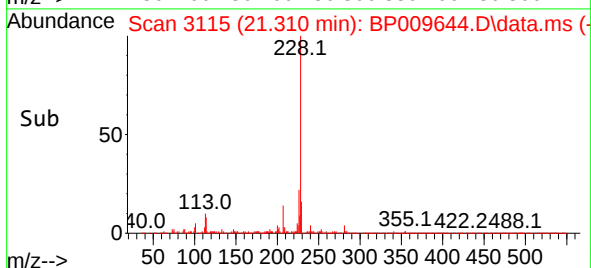
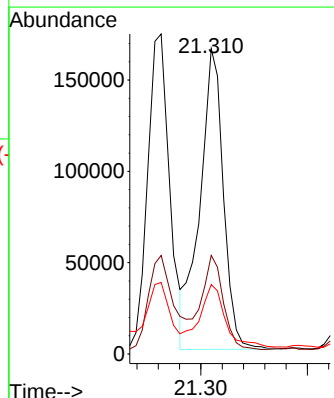
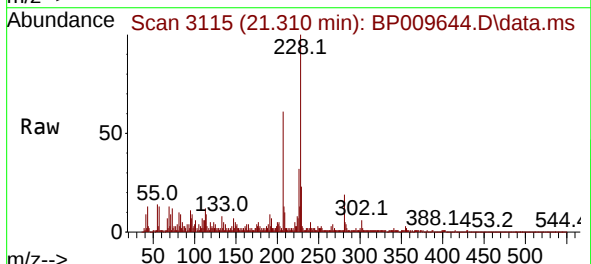
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-202

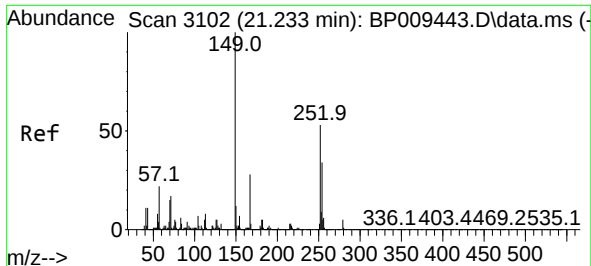
Tgt Ion:228 Resp: 249302
Ion Ratio Lower Upper
228 100
226 30.8 22.0 33.0
229 22.4 16.1 24.1



#83
Chrysene
Concen: 2.897 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

Tgt Ion:228 Resp: 254108
Ion Ratio Lower Upper
228 100
226 32.3 24.2 36.2
229 22.7 16.1 24.1

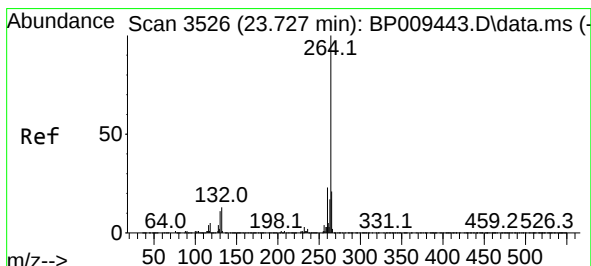
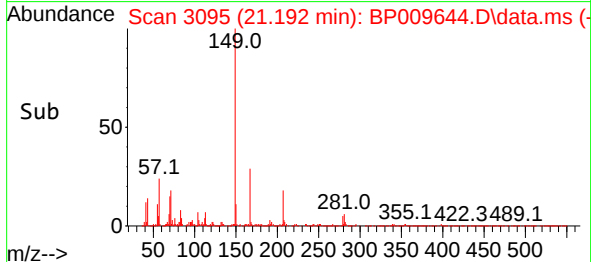
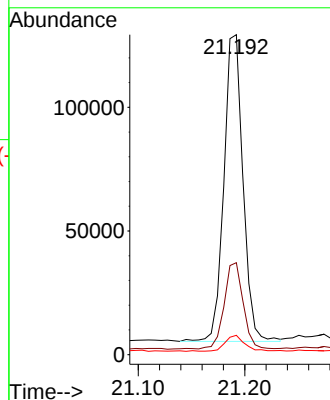
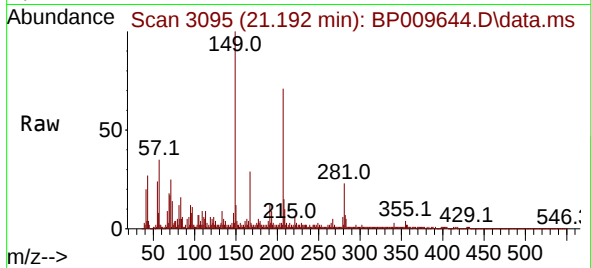




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.796 ng
 RT: 21.192 min Scan# 3095
 Delta R.T. 0.000 min
 Lab File: BP009644.D
 Acq: 31 Mar 2022 17:50

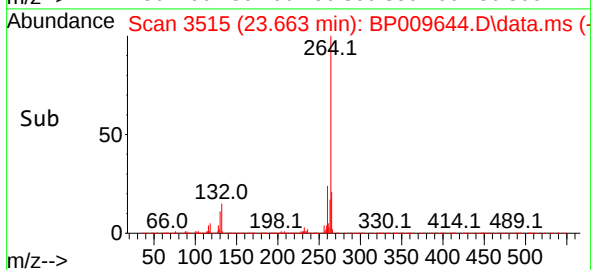
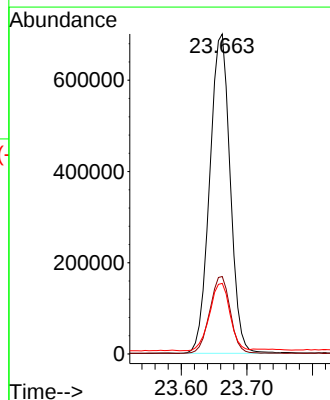
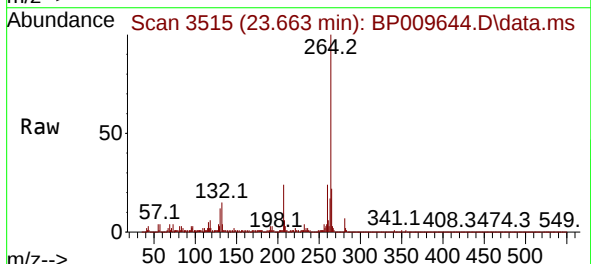
Instrument :
 BNA_P
 ClientSampleId :
 RO-VNJ-202

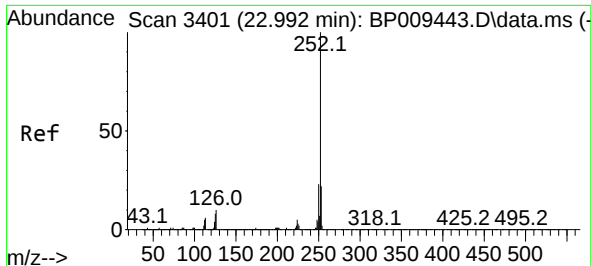
Tgt Ion:149 Resp: 153886
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.6 33.8
 279 6.0 3.8 5.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.663 min Scan# 3515
 Delta R.T. 0.012 min
 Lab File: BP009644.D
 Acq: 31 Mar 2022 17:50

Tgt Ion:264 Resp: 1515874
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 22.1 17.2 25.8

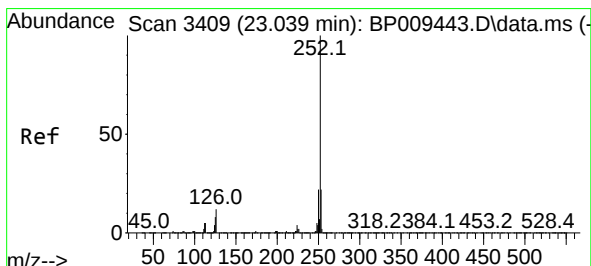
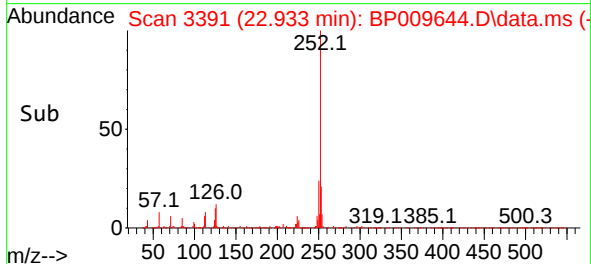
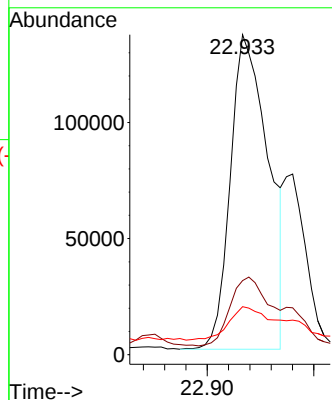
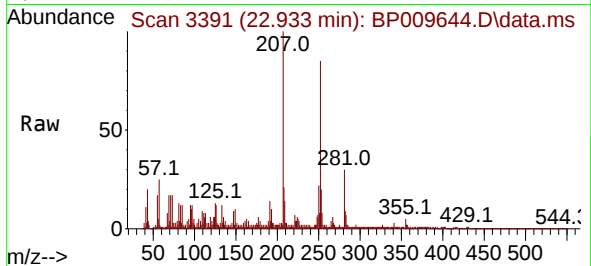




#88
Benzo(b)fluoranthene
Concen: 3.709 ng
RT: 22.933 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

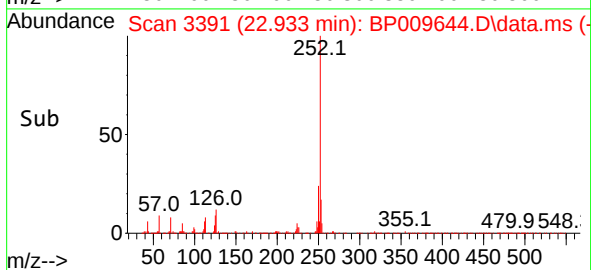
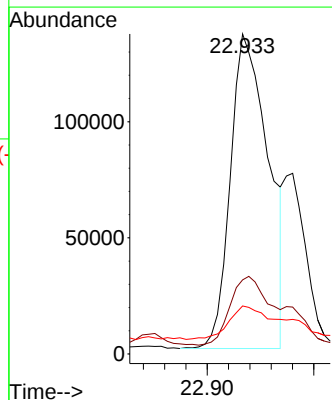
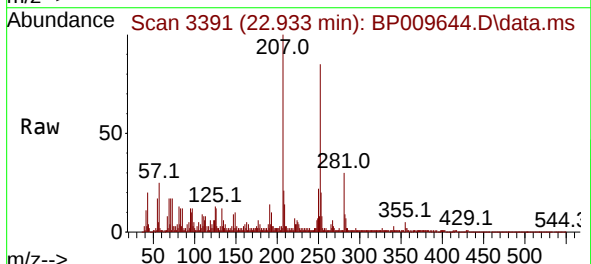
Instrument :
BNA_P
ClientSampleId :
RO-VNJ-202

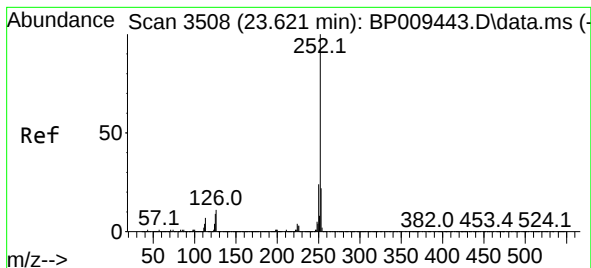
Tgt Ion:252 Resp: 335661
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 15.0 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 3.788 ng
RT: 22.933 min Scan# 3391
Delta R.T. -0.047 min
Lab File: BP009644.D
Acq: 31 Mar 2022 17:50

Tgt Ion:252 Resp: 335661
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 15.0 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.024 ng

RT: 23.557 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP009644.D

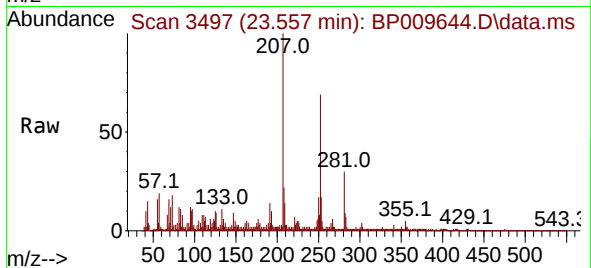
Acq: 31 Mar 2022 17:50

Instrument :

BNA_P

ClientSampleId :

RO-VNJ-202



Tgt Ion:252 Resp: 234136

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

125 14.6 9.3 13.9#

