

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020503.D
 Acq On : 04 Jun 2024 19:42
 Operator : MA/JU
 Sample : P2680-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-241

Quant Time: Jun 05 01:24:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

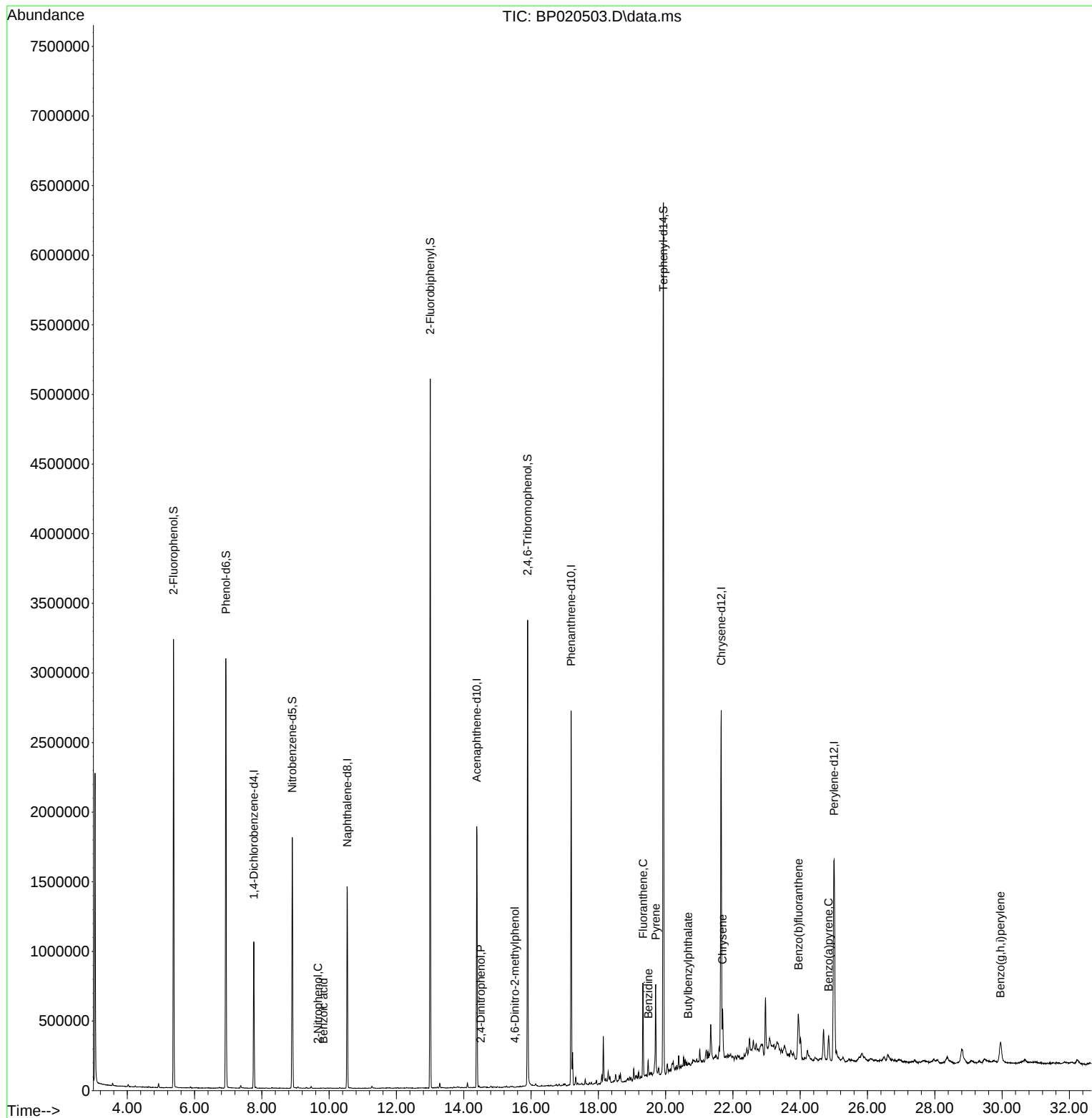
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	278789	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1117562	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	721780	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1550351	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1450499	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1612519	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1338411	85.956	ng	0.00
7) Phenol-d6	6.928	99	1754942	79.920	ng	0.00
23) Nitrobenzene-d5	8.905	82	1062322	52.034	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	612514	81.770	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	2371491	48.980	ng	0.00
79) Terphenyl-d14	19.933	244	3976286	45.635	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.669	139	5	3.792	ng	# 35
32) Benzoic acid	9.834	122	59	6.853	ng	# 24
54) 2,4-Dinitrophenol	14.510	184	18	4.978	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.516	198	26	7.657	ng	# 1
75) Fluoranthene	19.328	202	418540	4.642	ng	99
77) Benzidine	19.486	184	79	5.972	ng	# 1
78) Pyrene	19.704	202	395294	3.623	ng	99
80) Butylbenzylphthalate	20.669	149	1309	2.459	ng	# 90
83) Chrysene	21.692	228	280378	3.116	ng	97
88) Benzo(b)fluoranthene	23.945	252	407696	4.058	ng	97
90) Benzo(a)pyrene	24.845	252	198696	2.388	ng	100
92) Benzo(g,h,i)perylene	29.951	276	173368	2.121	ng	97

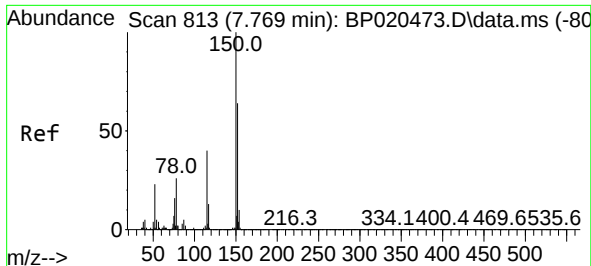
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
Data File : BP020503.D
Acq On : 04 Jun 2024 19:42
Operator : MA/JU
Sample : P2680-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Quant Time: Jun 05 01:24:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

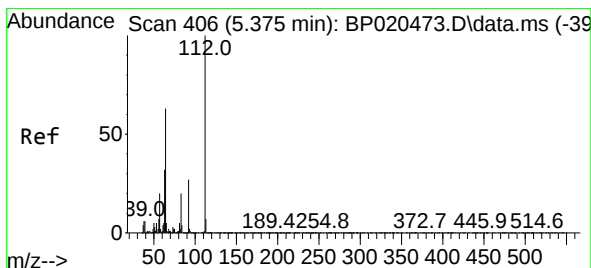
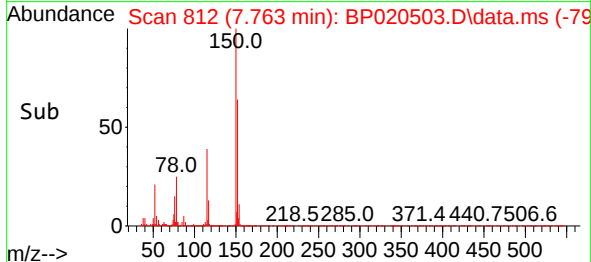
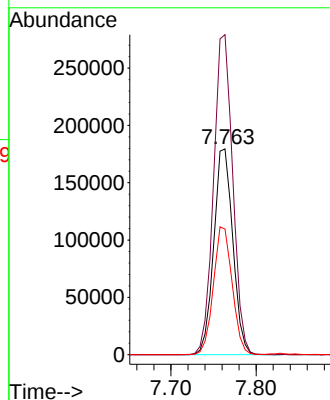
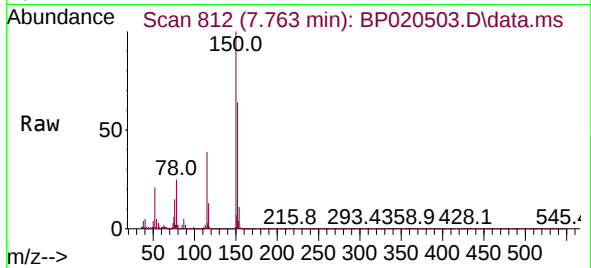




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

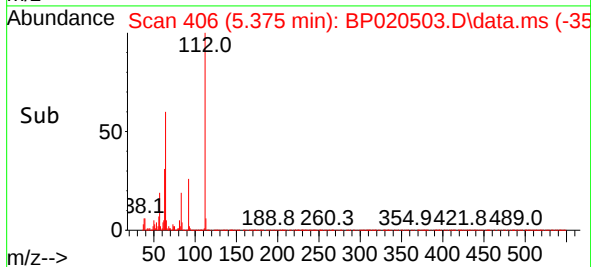
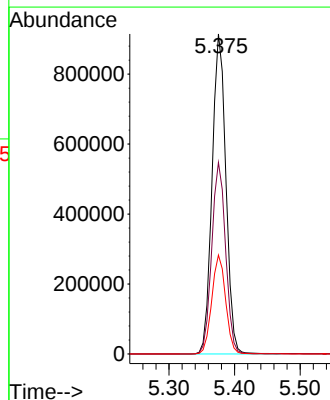
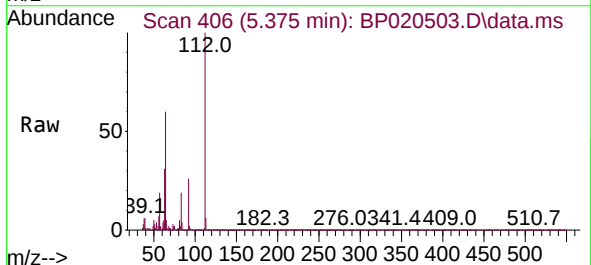
Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 278789
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 61.0 49.5 74.3



#5
2-Fluorophenol
Concen: 85.956 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:112 Resp: 1338411
Ion Ratio Lower Upper
112 100
64 59.8 50.1 75.1
63 30.9 25.7 38.5

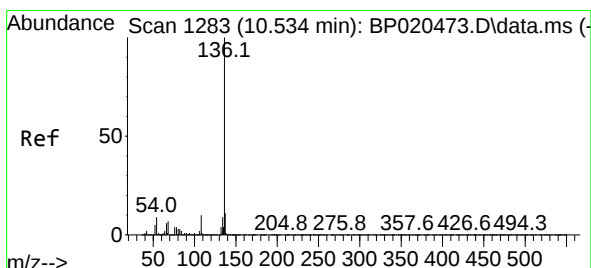
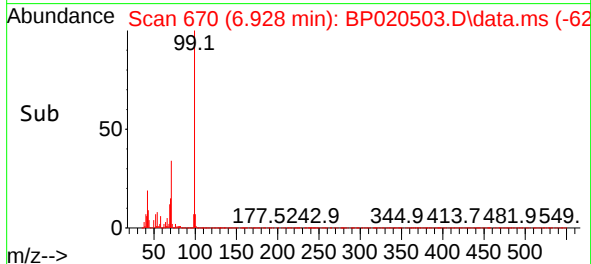
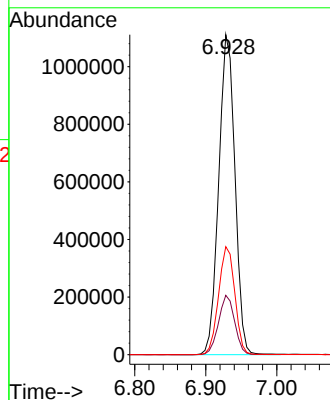
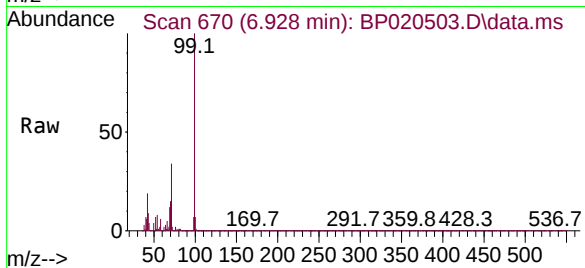




#7
Phenol-d6
Concen: 79.920 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

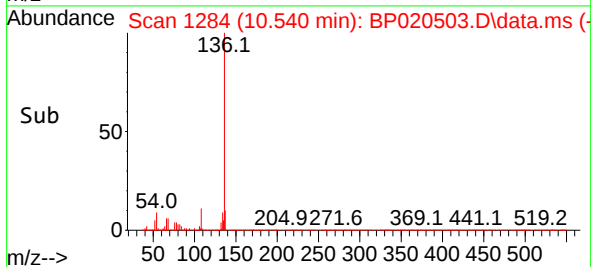
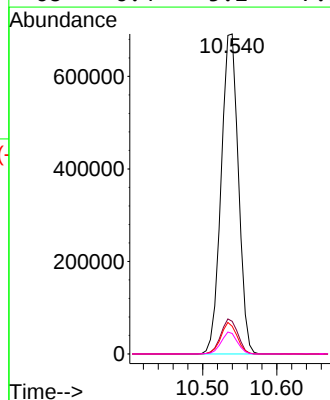
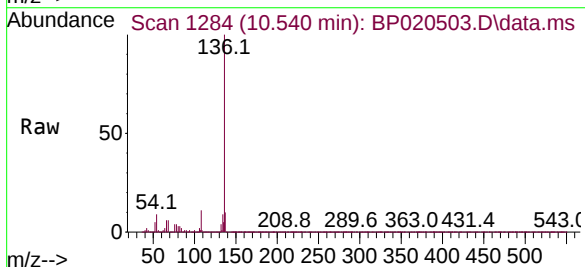
Instrument :
BNA_P
ClientSampleId :
VNJ-241

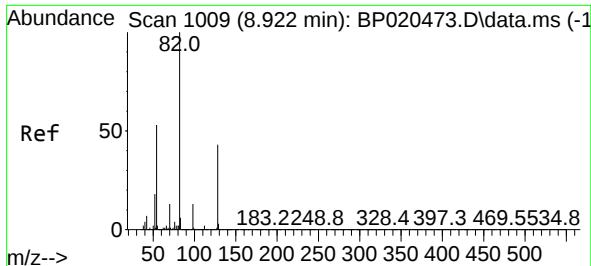
Tgt Ion: 99 Resp: 1754942
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 33.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion: 136 Resp: 1117562
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 8.7 7.4 11.0
68 6.4 5.2 7.8

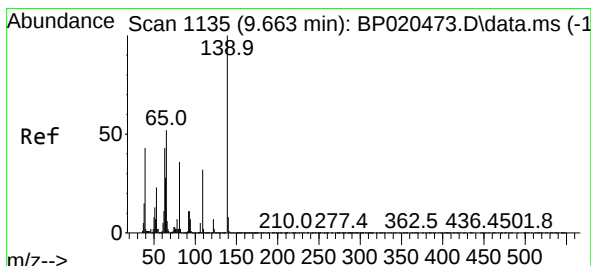
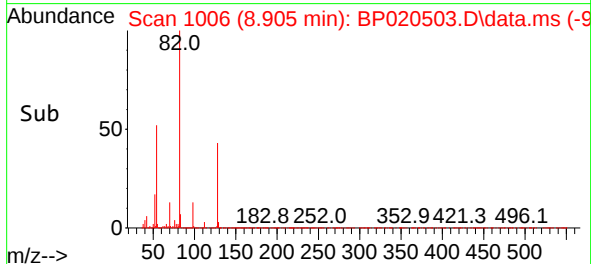
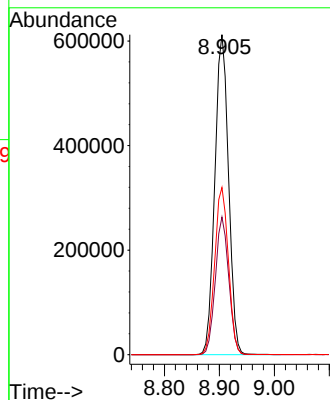
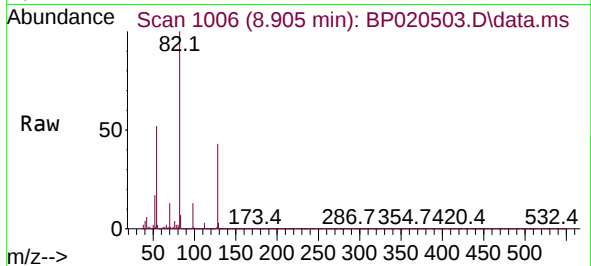




#23
Nitrobenzene-d5
Concen: 52.034 ng
RT: 8.905 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

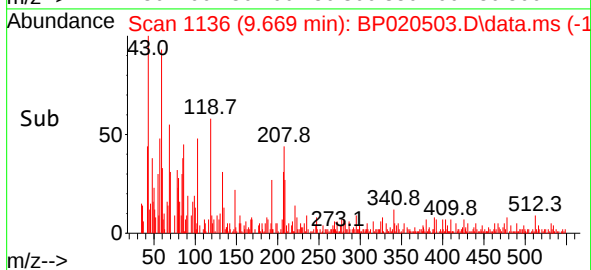
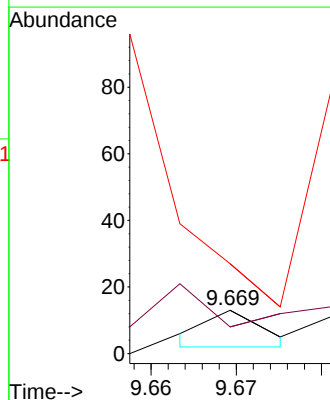
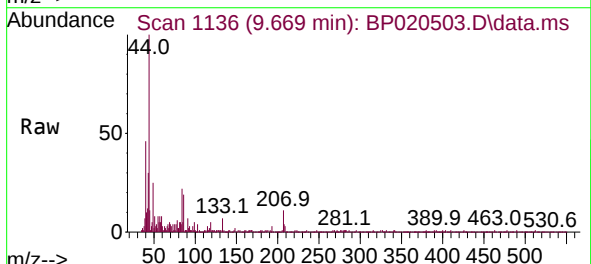
Instrument :
BNA_P
ClientSampleId :
VNJ-241

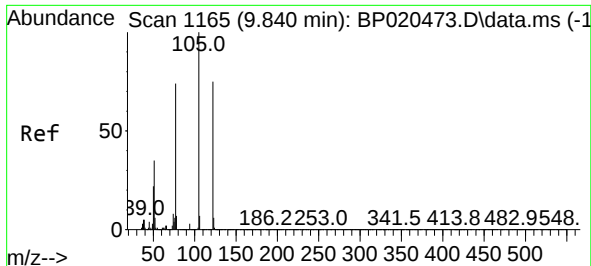
Tgt Ion: 82 Resp: 1062322
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.4
54 52.3 42.7 64.1



#26
2-Nitrophenol
Concen: 3.792 ng
RT: 9.669 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:139 Resp: 5
Ion Ratio Lower Upper
139 100
109 36.4 25.8 38.8
65 122.7 41.8 62.8#

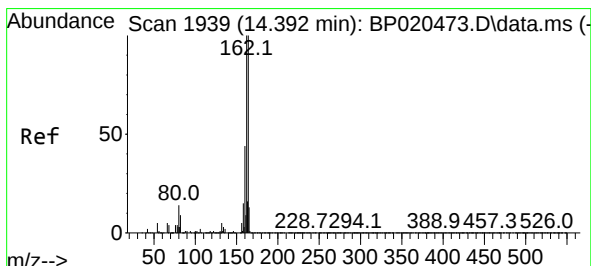
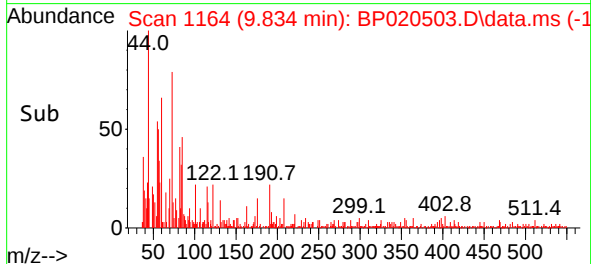
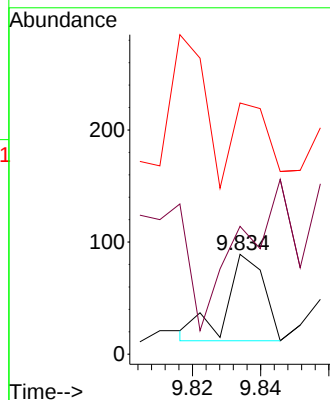
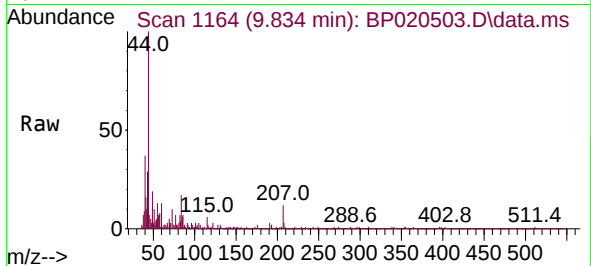




#32
Benzoic acid
Concen: 6.853 ng
RT: 9.834 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

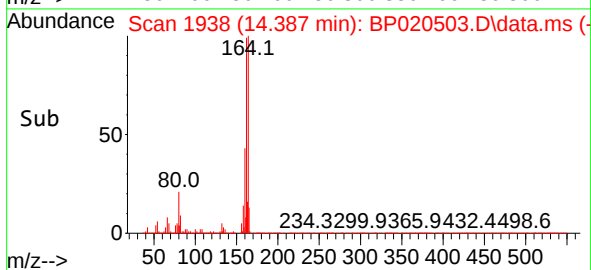
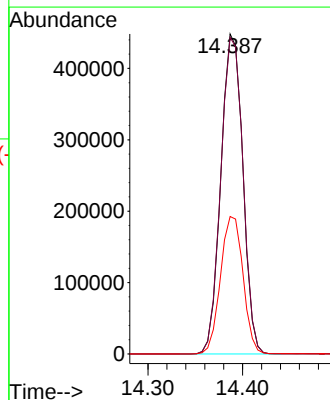
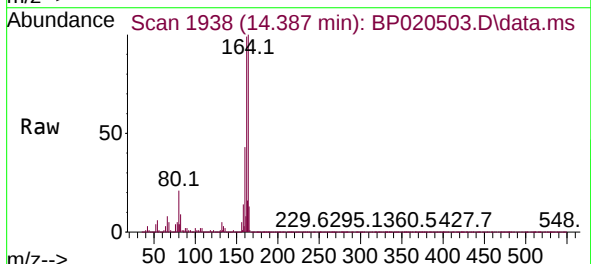
Instrument :
BNA_P
ClientSampleId :
VNJ-241

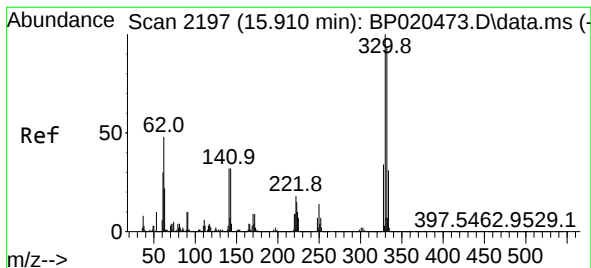
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 142.7 107.5 147.5
77 251.7 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:164 Resp: 721780
Ion Ratio Lower Upper
164 100
162 98.9 80.3 120.5
160 43.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 81.770 ng

RT: 15.898 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BP020503.D

Acq: 04 Jun 2024 19:42

Instrument :

BNA_P

ClientSampleId :

VNJ-241

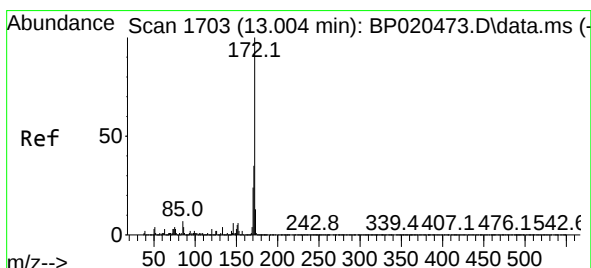
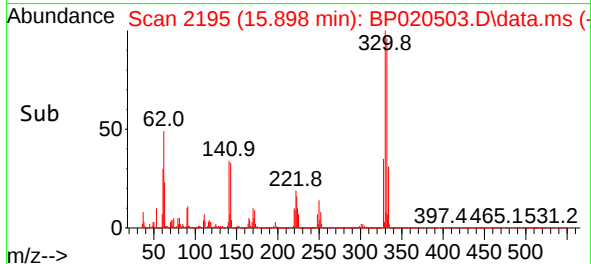
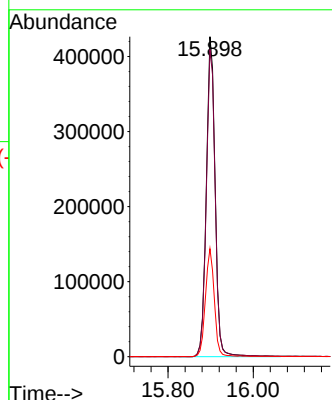
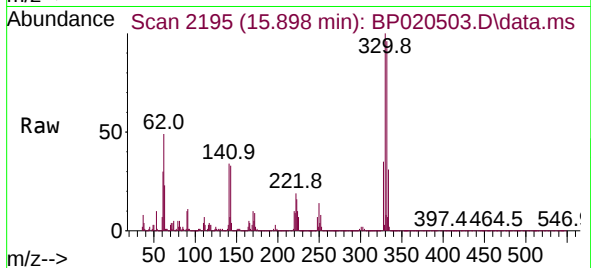
Tgt Ion:330 Resp: 612514

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

141 33.9 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 48.980 ng

RT: 13.004 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP020503.D

Acq: 04 Jun 2024 19:42

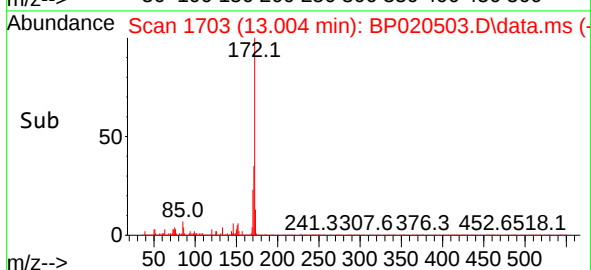
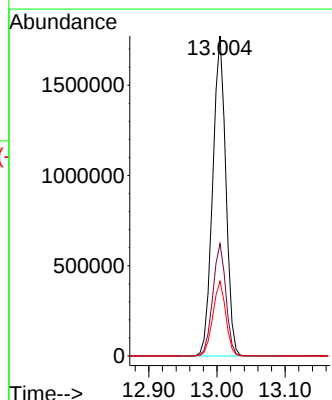
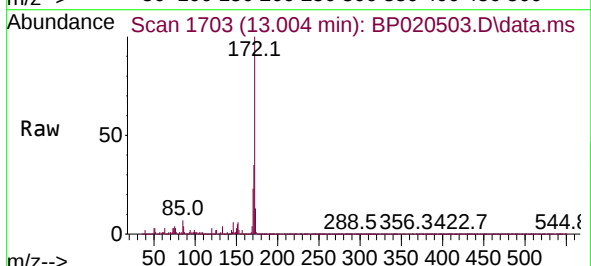
Tgt Ion:172 Resp: 2371491

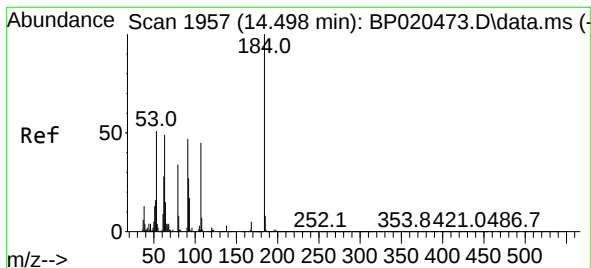
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.978 ng

RT: 14.510 min Scan# 1959

Delta R.T. 0.012 min

Lab File: BP020503.D

Acq: 04 Jun 2024 19:42

Instrument :

BNA_P

ClientSampleId :

VNJ-241

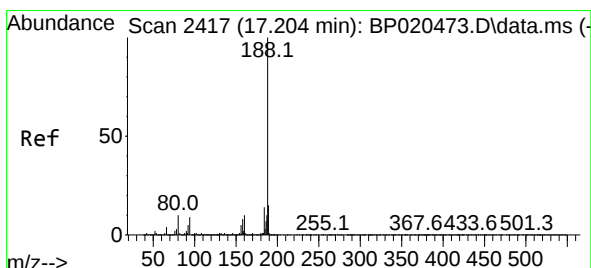
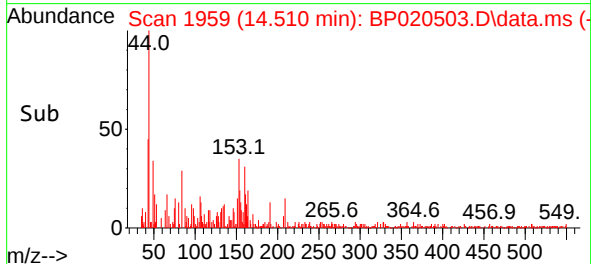
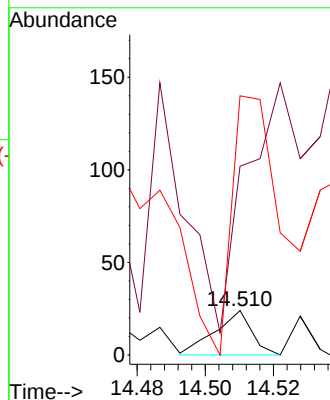
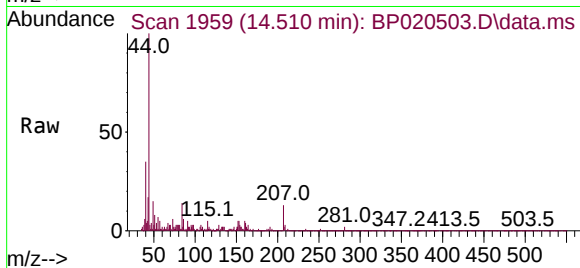
Tgt Ion:184 Resp: 18

Ion Ratio Lower Upper

184 100

63 425.0 54.2 81.4#

154 583.3 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP020503.D

Acq: 04 Jun 2024 19:42

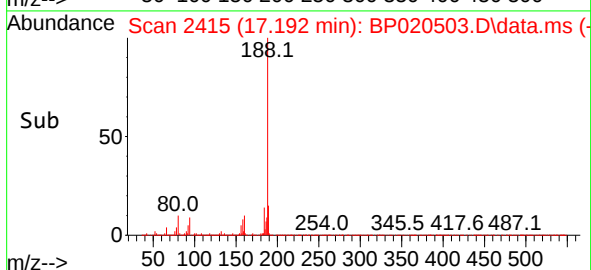
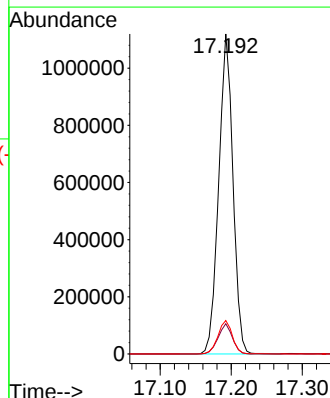
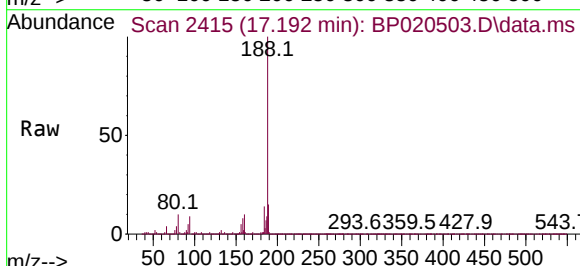
Tgt Ion:188 Resp: 1550351

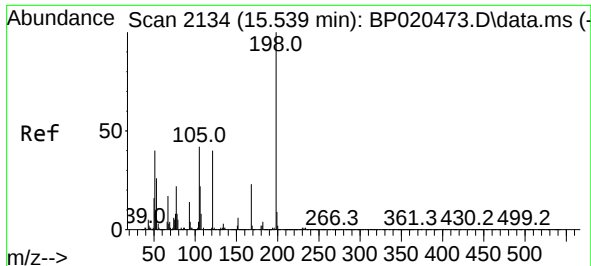
Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 10.5 8.1 12.1

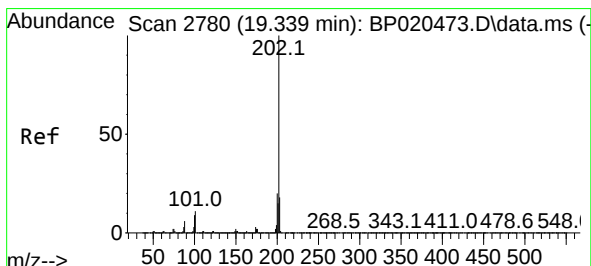
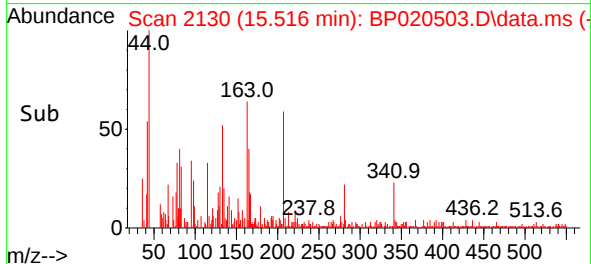
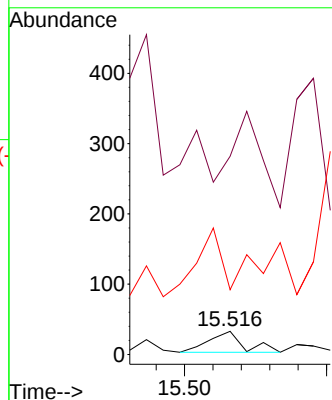
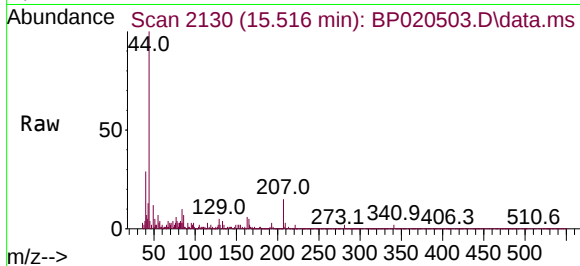




#65
4,6-Dinitro-2-methylphenol
Concen: 7.657 ng
RT: 15.516 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

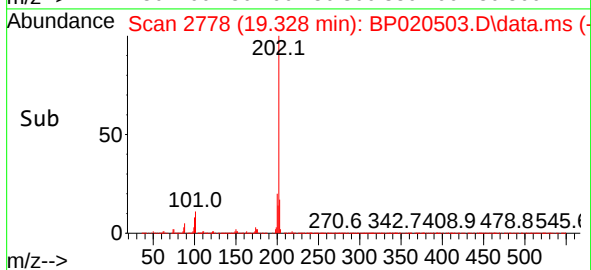
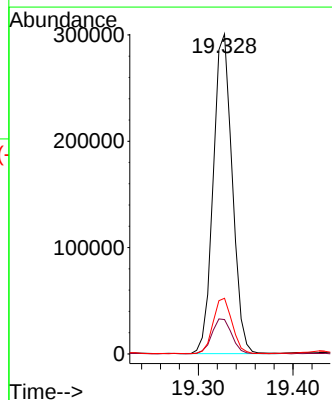
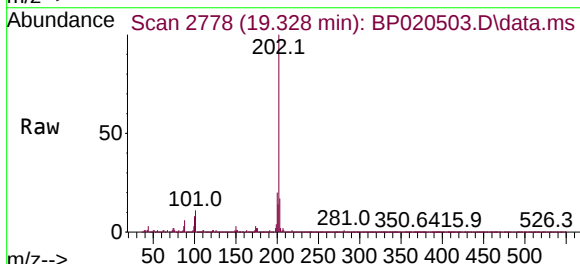
Instrument :
BNA_P
ClientSampleId :
VNJ-241

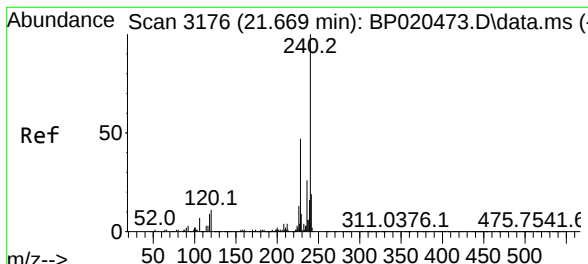
Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 854.5 24.8 64.8#
105 278.8 23.2 63.2#



#75
Fluoranthene
Concen: 4.642 ng
RT: 19.328 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:202 Resp: 418540
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.4 0.0 37.7



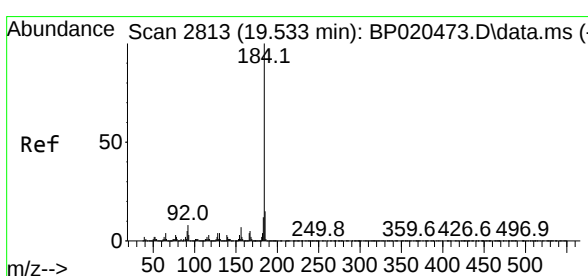
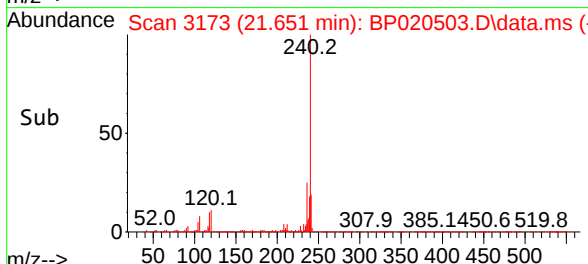
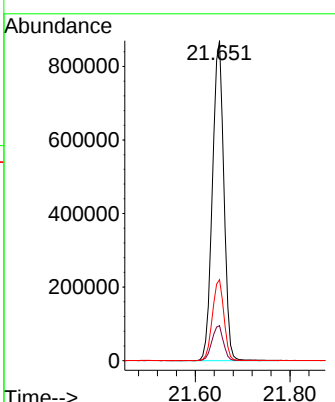
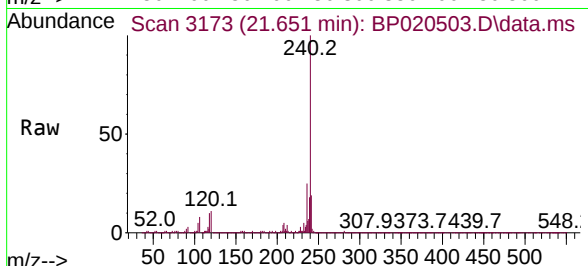


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.651 min Scan# 3173
 Delta R.T. -0.018 min
 Lab File: BP020503.D
 Acq: 04 Jun 2024 19:42

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-241

Tgt Ion: 240 Resp: 1450499

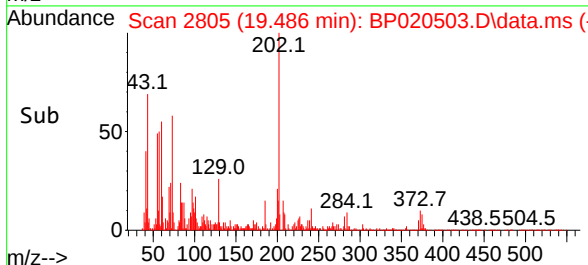
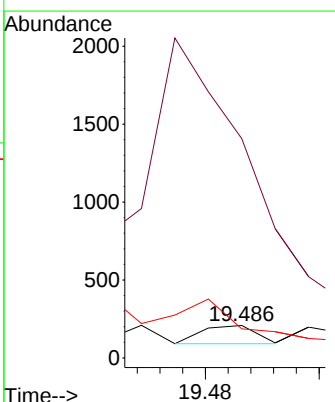
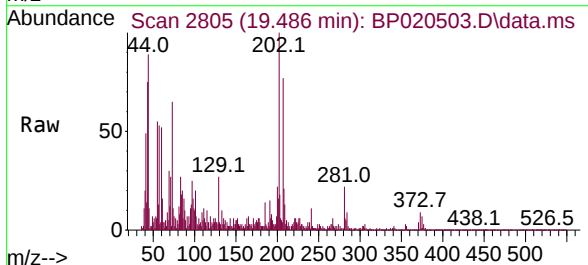
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.5	12.7
236	25.3	20.5	30.7

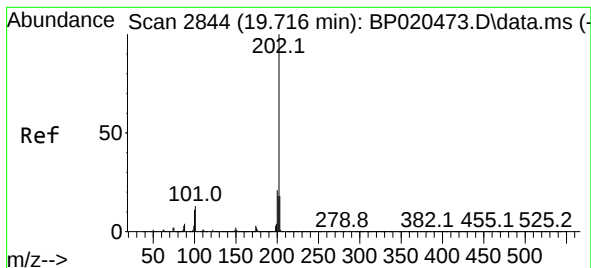


#77
 Benzidine
 Concen: 5.972 ng
 RT: 19.486 min Scan# 2805
 Delta R.T. -0.047 min
 Lab File: BP020503.D
 Acq: 04 Jun 2024 19:42

Tgt Ion: 184 Resp: 79

Ion	Ratio	Lower	Upper
184	100		
185	676.4	12.0	18.0#
183	89.9	9.4	14.0#





#78

Pyrene

Concen: 3.623 ng

RT: 19.704 min Scan# 2842

Delta R.T. -0.012 min

Lab File: BP020503.D

Acq: 04 Jun 2024 19:42

Instrument :

BNA_P

ClientSampleId :

VNJ-241

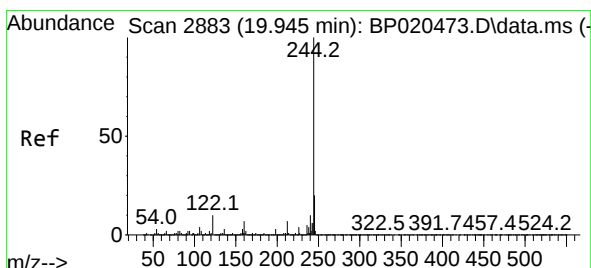
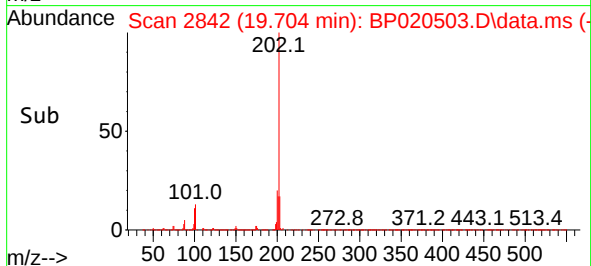
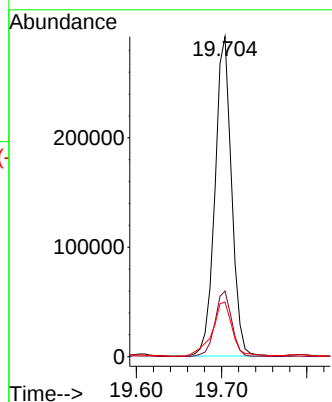
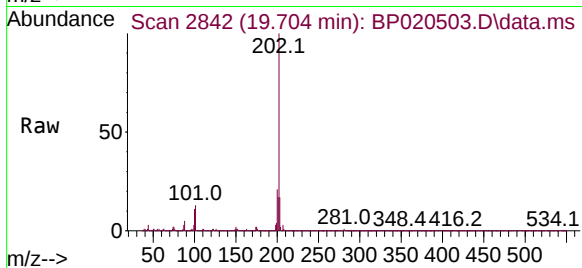
Tgt Ion:202 Resp: 395294

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 17.1 14.1 21.1



#79

Terphenyl-d14

Concen: 45.635 ng

RT: 19.933 min Scan# 2881

Delta R.T. -0.012 min

Lab File: BP020503.D

Acq: 04 Jun 2024 19:42

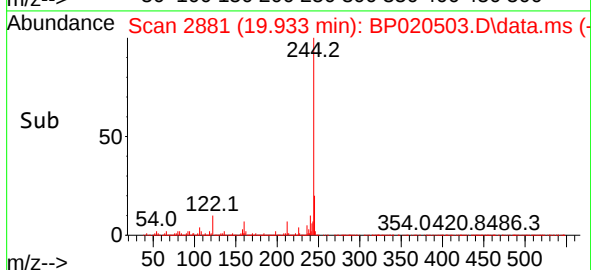
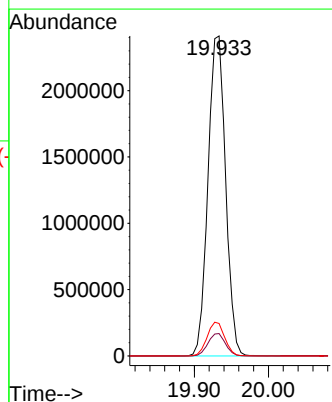
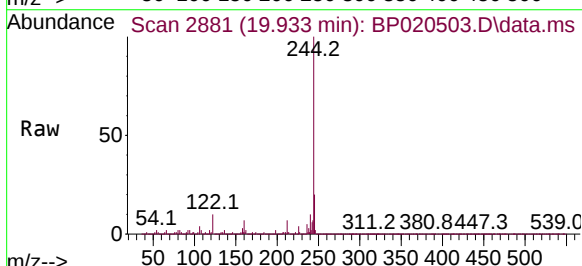
Tgt Ion:244 Resp: 3976286

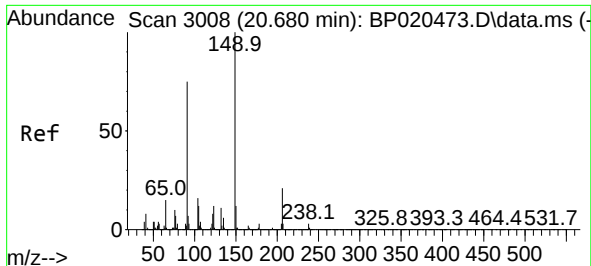
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.1 8.2 12.2

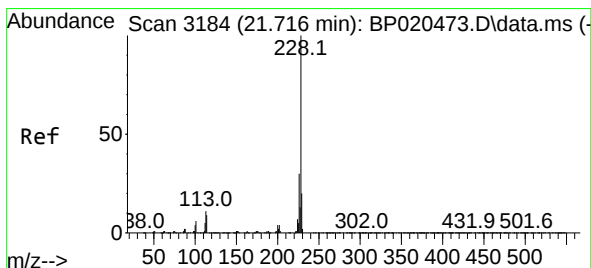
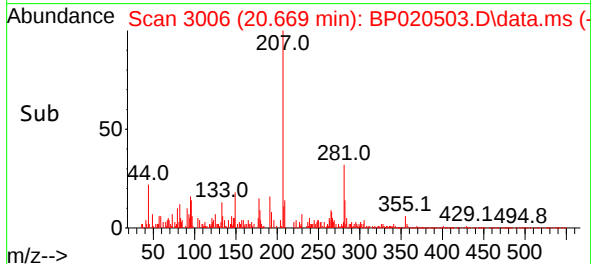
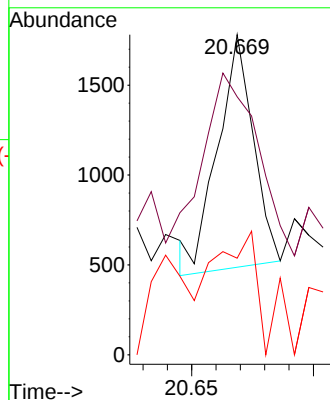
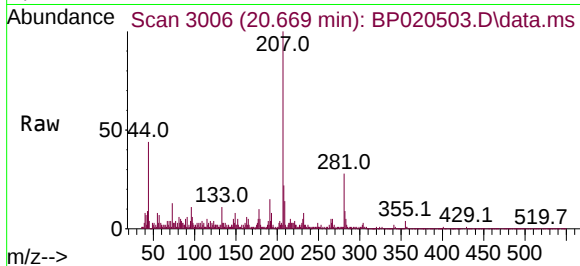




#80
Butylbenzylphthalate
Concen: 2.459 ng
RT: 20.669 min Scan# 3006
Delta R.T. -0.011 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

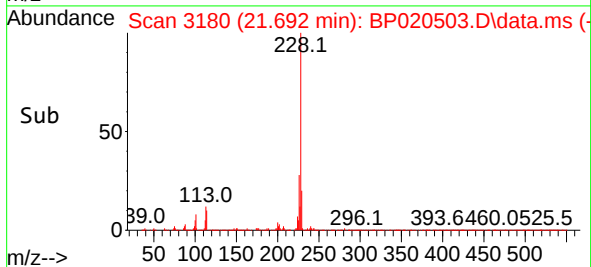
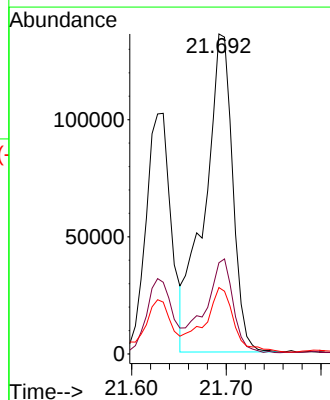
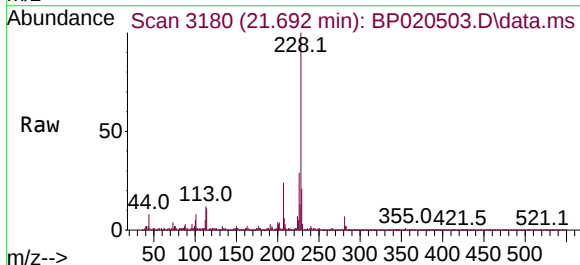
Instrument :
BNA_P
ClientSampleId :
VNJ-241

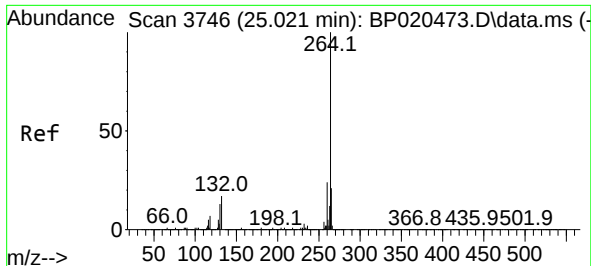
Tgt Ion:149 Resp: 1309
Ion Ratio Lower Upper
149 100
91 80.6 60.0 90.0
206 30.2 16.6 25.0#



#83
Chrysene
Concen: 3.116 ng
RT: 21.692 min Scan# 3180
Delta R.T. -0.023 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:228 Resp: 280378
Ion Ratio Lower Upper
228 100
226 28.5 24.0 36.0
229 20.7 15.7 23.5

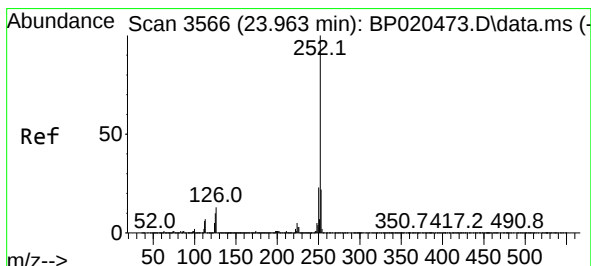
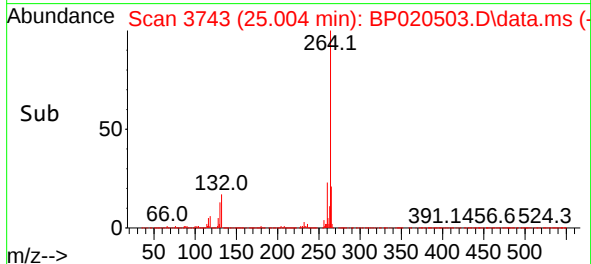
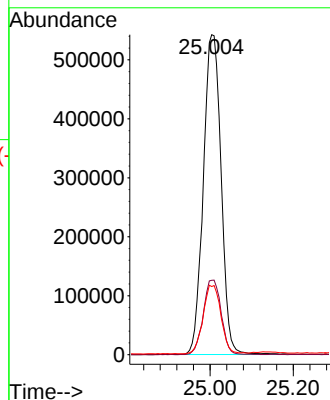
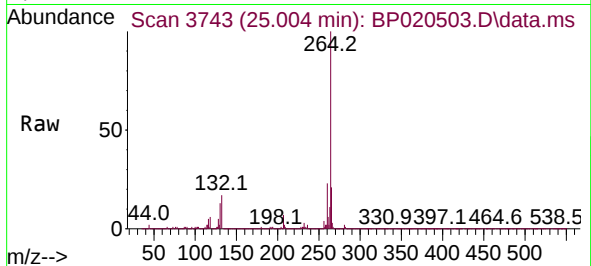




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

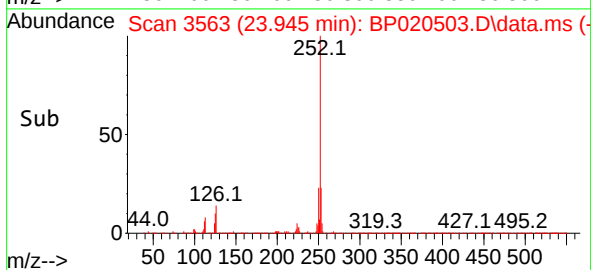
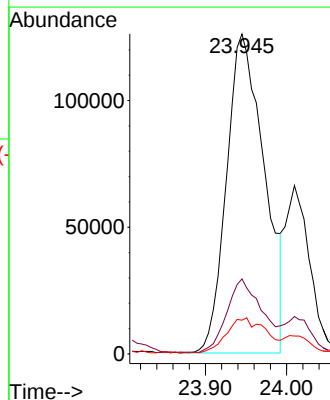
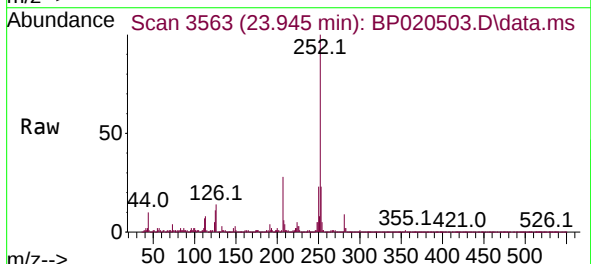
Instrument :
BNA_P
ClientSampleId :
VNJ-241

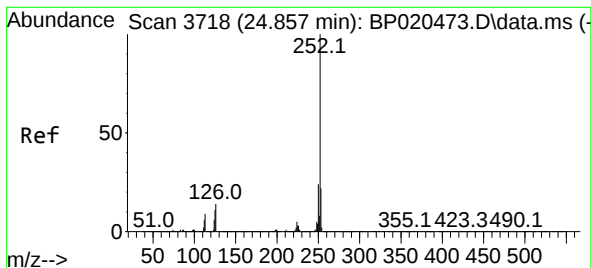
Tgt Ion:264 Resp: 1612519
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 21.3 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 4.058 ng
RT: 23.945 min Scan# 3563
Delta R.T. -0.018 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:252 Resp: 407696
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 10.6 8.0 12.0





#90

Benzo(a)pyrene

Concen: 2.388 ng

RT: 24.845 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020503.D

Acq: 04 Jun 2024 19:42

Instrument :

BNA_P

ClientSampleId :

VNJ-241

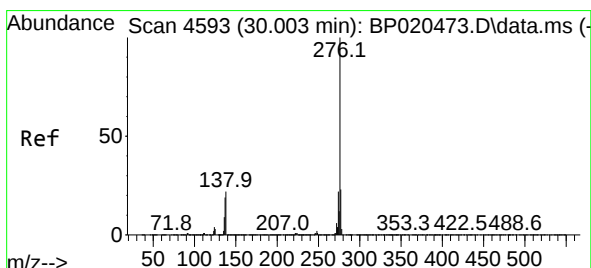
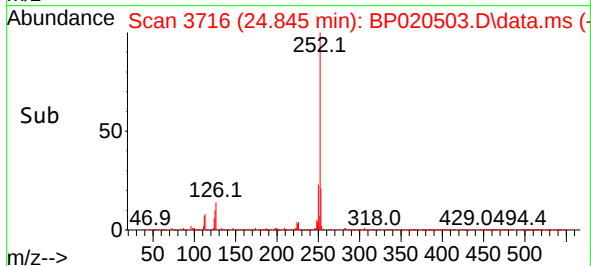
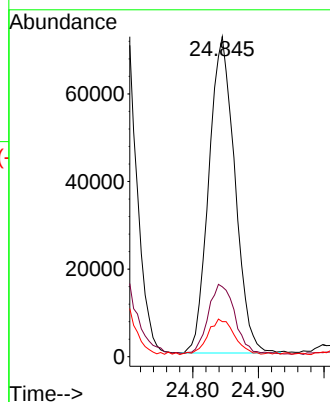
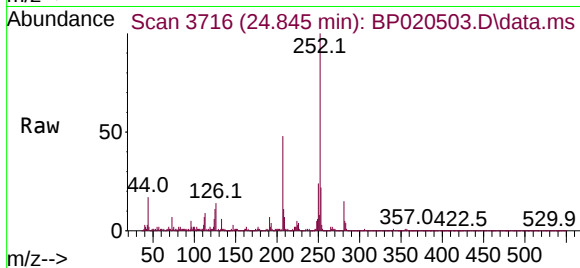
Tgt Ion:252 Resp: 198696

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.0 8.9 13.3



#92

Benzo(g,h,i)perylene

Concen: 2.121 ng

RT: 29.951 min Scan# 4584

Delta R.T. -0.053 min

Lab File: BP020503.D

Acq: 04 Jun 2024 19:42

Tgt Ion:276 Resp: 173368

Ion Ratio Lower Upper

276 100

277 24.8 18.7 28.1

138 20.3 17.7 26.5

