

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009494.D
 Acq On : 22 Mar 2022 18:37
 Operator : CG/JU
 Sample : N2033-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-237

Quant Time: Mar 23 01:22:22 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 17 18:26:53 2022
 Response via : Initial Calibration

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

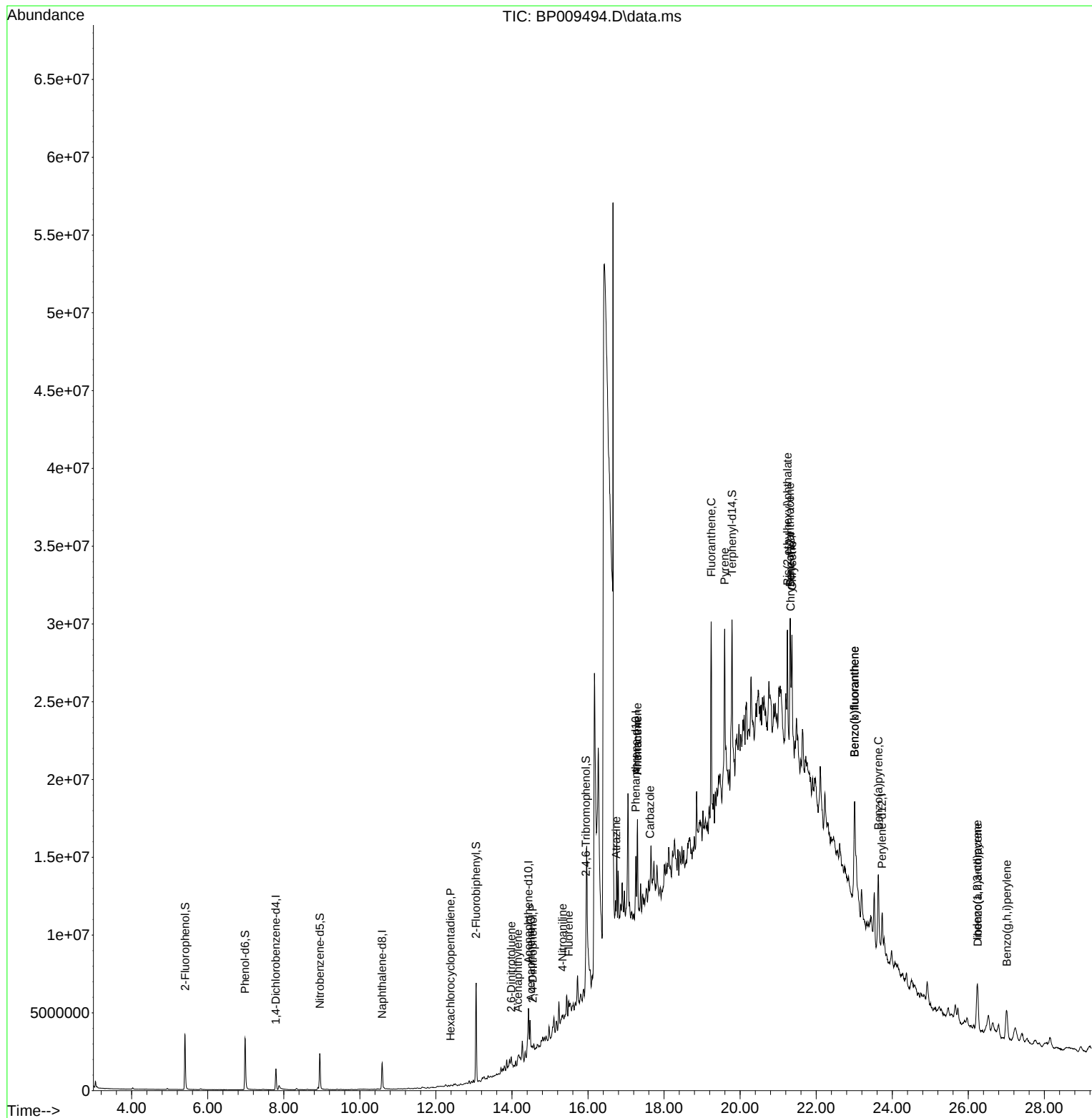
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	417353	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1643136	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	989605	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	1768236	20.000	ng	# 0.05
76) Chrysene-d12	21.327	240	1868934	20.000	ng	0.01
86) Perylene-d12	23.733	264	2119746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1948844	81.527	ng	0.00
7) Phenol-d6	6.981	99	2455435	75.956	ng	-0.01
23) Nitrobenzene-d5	8.946	82	1598826	51.707	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	1027699	62.932	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3743732	52.444	ng	0.00
79) Terphenyl-d14	19.786	244	5045913	48.460	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.946	77	2581	Below Cal	#	81
41) Hexachlorocyclopentadiene	12.381	237	5	7.289	ng	92
49) Acenaphthylene	14.157	152	482225	5.374	ng	# 92
51) 2,6-Dinitrotoluene	13.981	165	75052	4.777	ng	# 33
52) Acenaphthene	14.498	154	146444	2.732	ng	94
54) 2,4-Dinitrophenol	14.545	184	466	4.578	ng	# 1
58) Fluorene	15.492	166	221860	3.133	ng	# 84
62) 4-Nitroaniline	15.328	138	39416	2.262	ng	93
69) Atrazine	16.739	200	73075	3.972	ng	# 1
71) Phenanthrene	17.298	178	3725400	39.358	ng	97
72) Anthracene	17.298	178	3725400	39.863	ng	96
73) Carbazole	17.634	167	470061	5.143	ng	# 74
75) Fluoranthene	19.239	202	8135336	70.993	ng	96
78) Pyrene	19.592	202	7238843	58.779	ng	98
81) Benzo(a)anthracene	21.310	228	3855975	31.404	ng	97
83) Chrysene	21.363	228	4237176	36.443	ng	98
84) Bis(2-ethylhexyl)phtha...	21.245	149	3239896	44.405	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.239	276	3016732	18.758	ng	# 93
88) Benzo(b)fluoranthene	23.010	252	8556313	67.616	ng	# 95
89) Benzo(k)fluoranthene	23.010	252	8560503	69.093	ng	# 95
90) Benzo(a)pyrene	23.633	252	4002410	36.968	ng	# 97
91) Dibenzo(a,h)anthracene	26.251	278	788214	5.881	ng	# 93
92) Benzo(g,h,i)perylene	27.009	276	2864545	21.725	ng	97

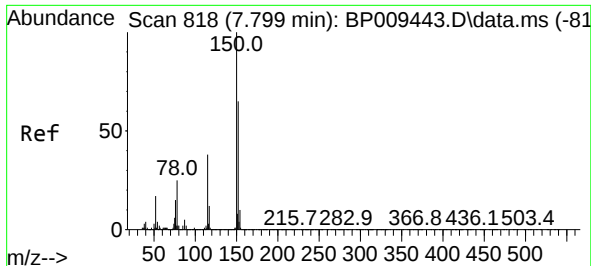
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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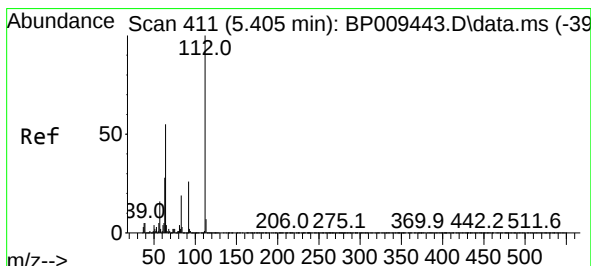
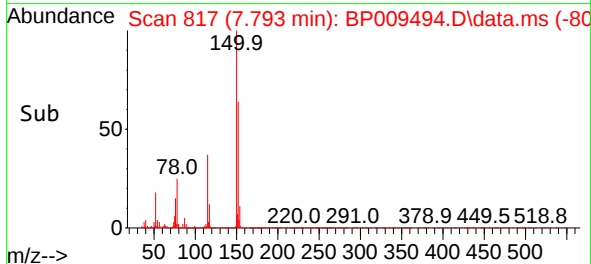
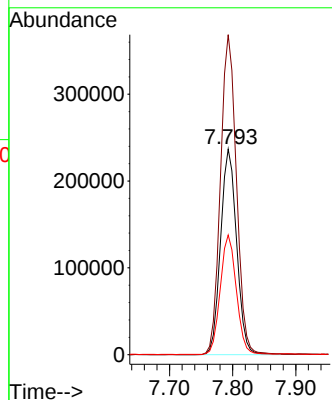
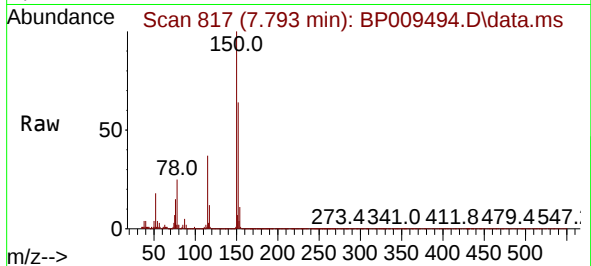




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

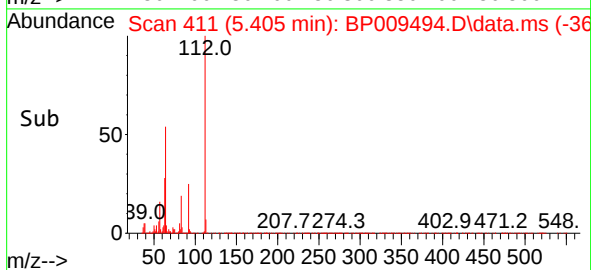
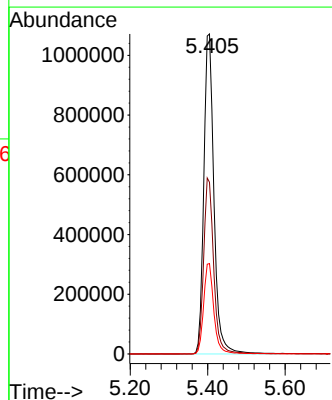
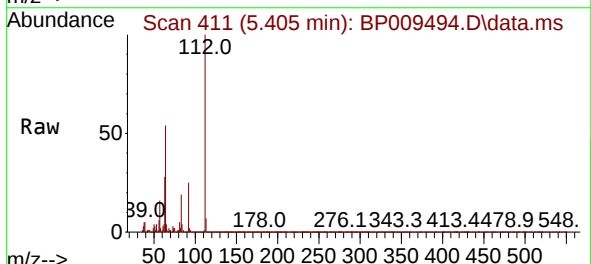
Instrument :
BNA_P
ClientSampleId :
VNJ-237

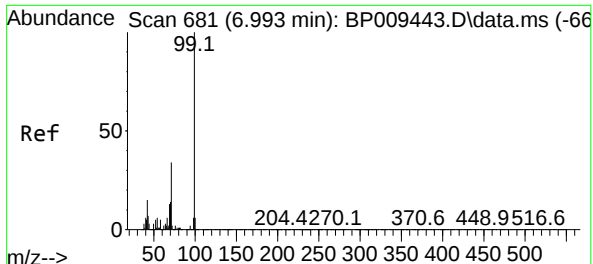
Tgt Ion:152 Resp: 417353
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 58.2 48.2 72.4



#5
2-Fluorophenol
Concen: 81.527 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.000 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:112 Resp: 1948844
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 28.3 23.0 34.6

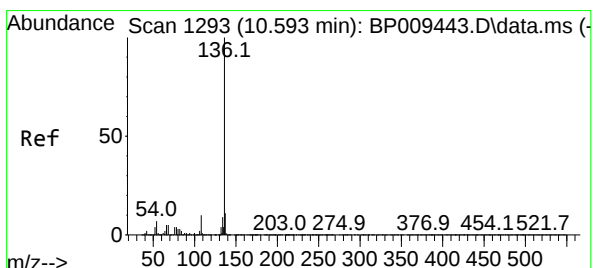
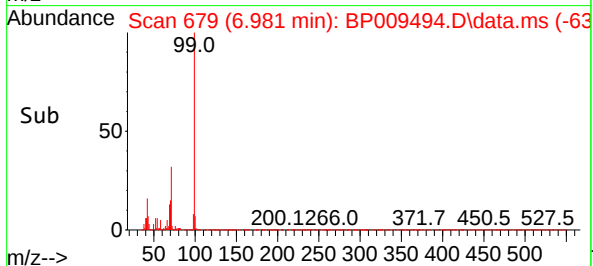
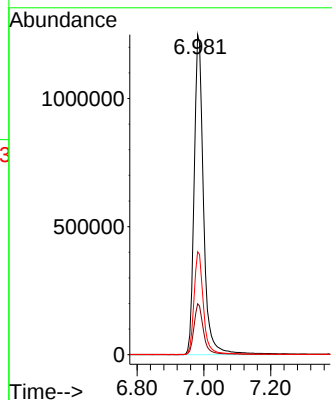
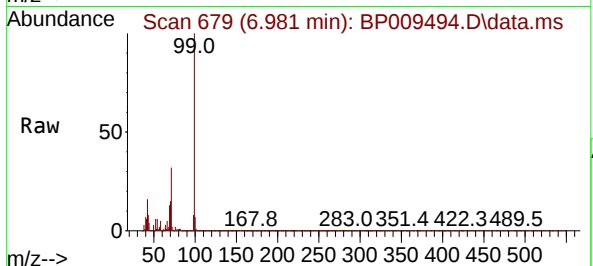




#7
Phenol-d6
Concen: 75.956 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

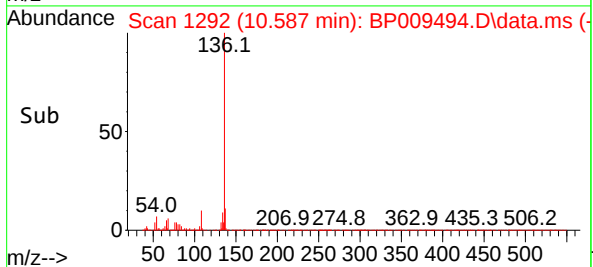
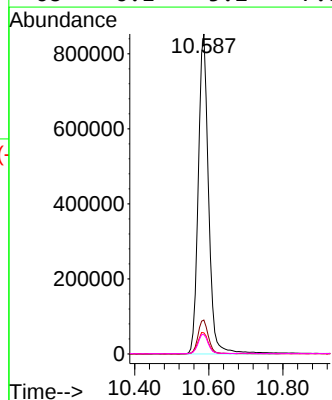
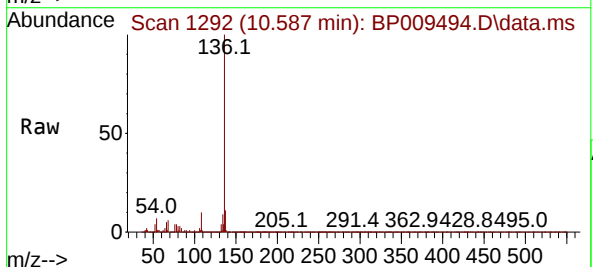
Instrument :
BNA_P
ClientSampleId :
VNJ-237

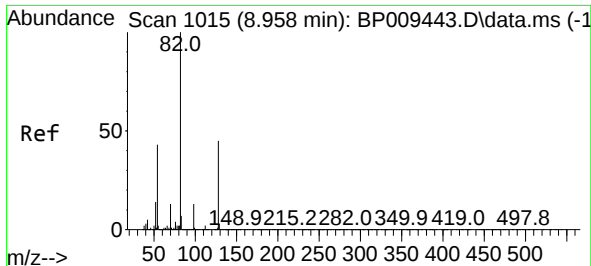
Tgt Ion: 99 Resp: 2455435
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 32.2 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion: 136 Resp: 1643136
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.6 5.8 8.8
68 6.1 5.2 7.8

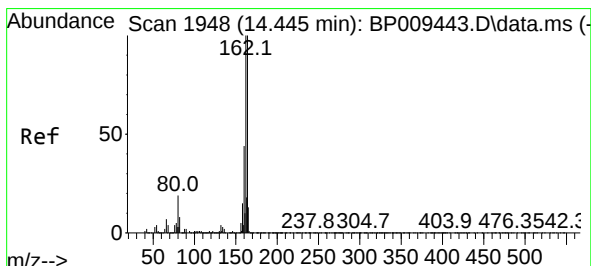
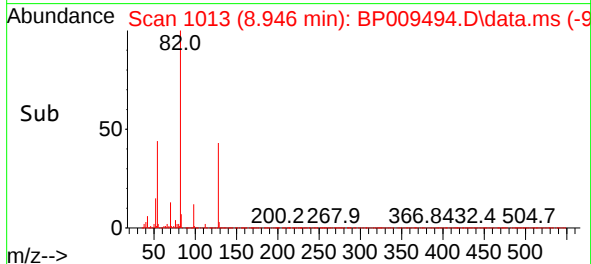
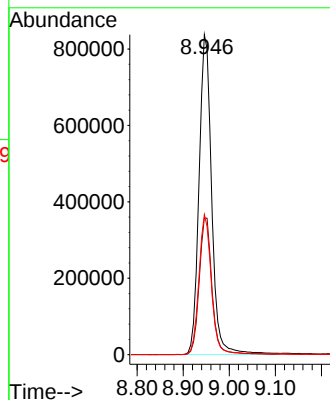
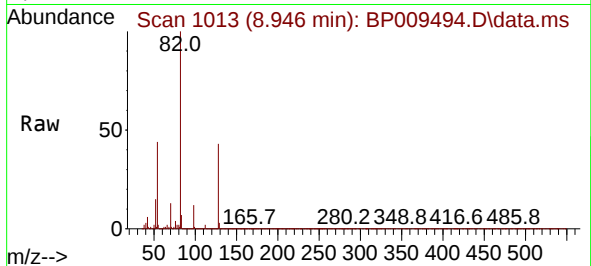




#23
 Nitrobenzene-d5
 Concen: 51.707 ng
 RT: 8.946 min Scan# 1013
 Delta R.T. -0.012 min
 Lab File: BP009494.D
 Acq: 22 Mar 2022 18:37

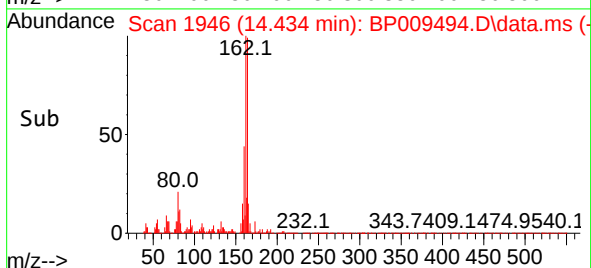
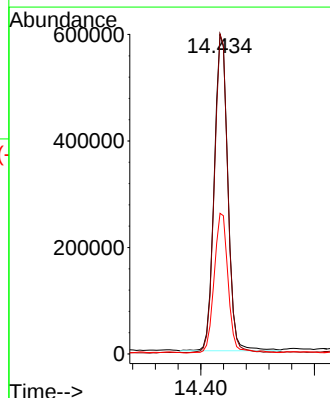
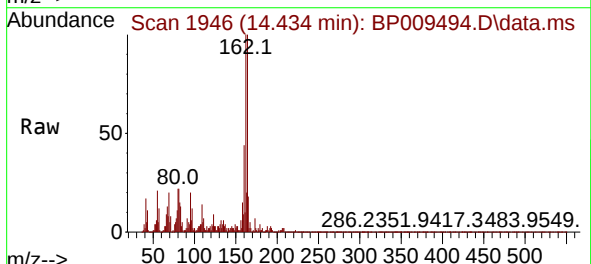
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-237

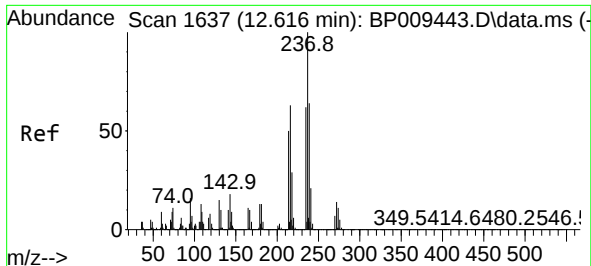
Tgt Ion: 82 Resp: 1598826
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.2 51.4
 54 43.8 34.7 52.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.434 min Scan# 1946
 Delta R.T. -0.011 min
 Lab File: BP009494.D
 Acq: 22 Mar 2022 18:37

Tgt Ion:164 Resp: 989605
 Ion Ratio Lower Upper
 164 100
 162 100.2 79.1 118.7
 160 44.1 34.9 52.3

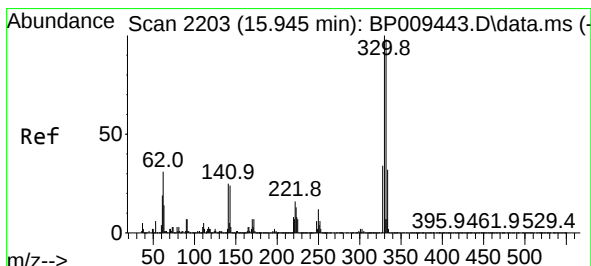
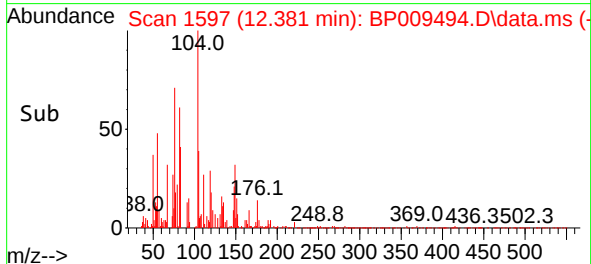
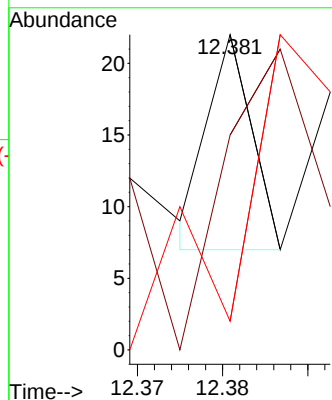
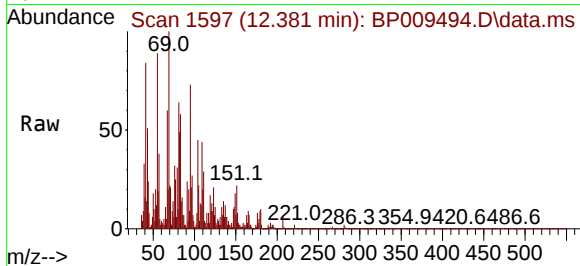




#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.381 min Scan# 1
Delta R.T. -0.235 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

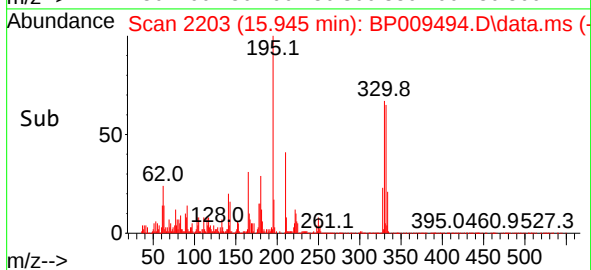
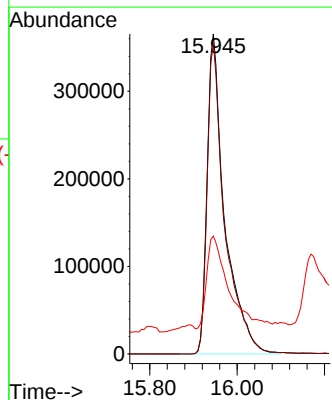
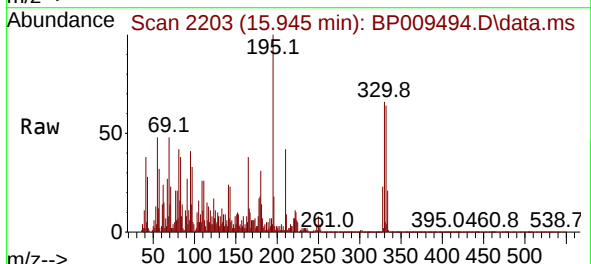
Instrument :
BNA_P
ClientSampleId :
VNJ-237

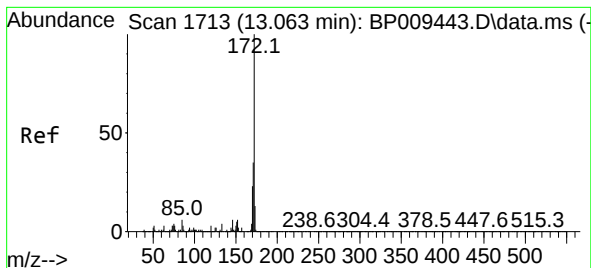
Tgt Ion:237	Resp:	5	
Ion	Ratio	Lower	Upper
237	100		
235	68.2	42.6	82.6
272	9.1	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 62.932 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:330	Resp:	1027699	
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.5	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 52.444 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

Instrument :

BNA_P

ClientSampleId :

VNJ-237

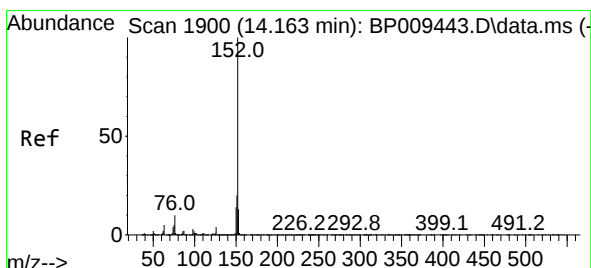
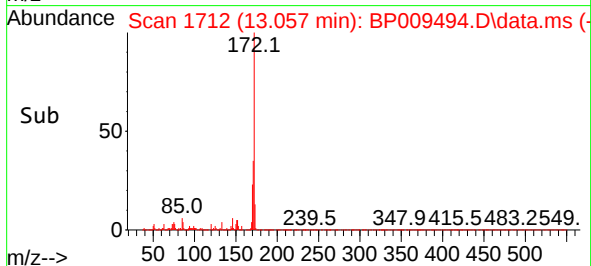
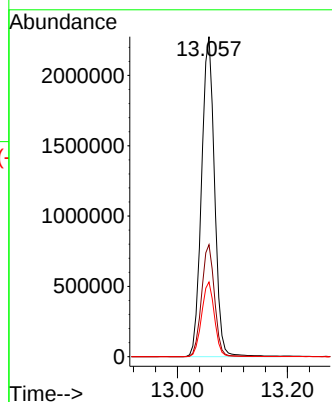
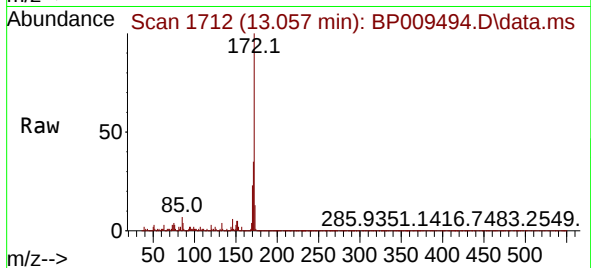
Tgt Ion:172 Resp: 3743732

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.3 18.6 27.8



#49

Acenaphthylene

Concen: 5.374 ng

RT: 14.157 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

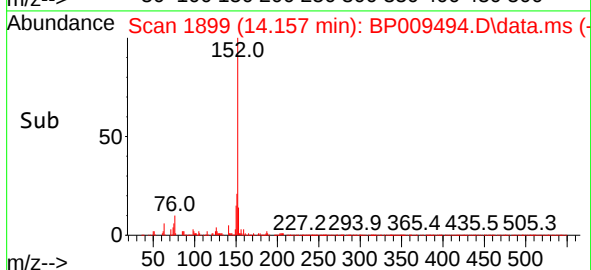
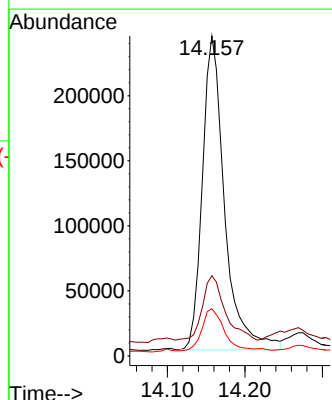
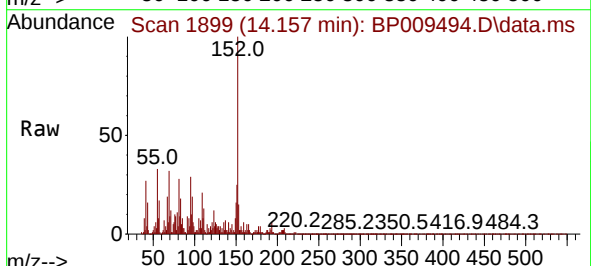
Tgt Ion:152 Resp: 482225

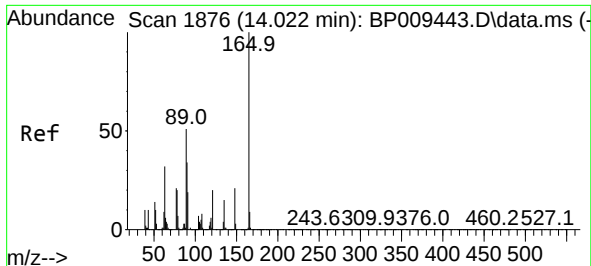
Ion Ratio Lower Upper

152 100

151 25.1 15.9 23.9#

153 14.8 10.7 16.1

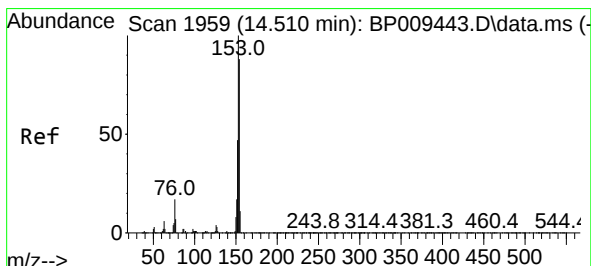
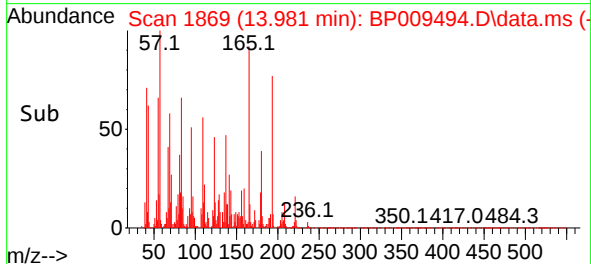
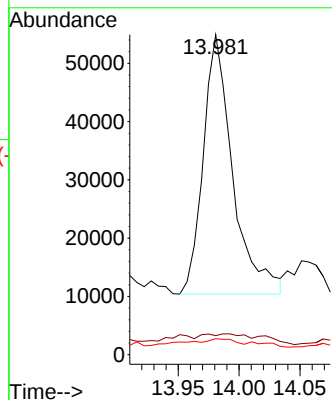
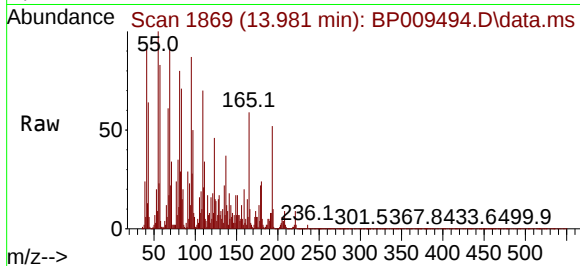




#51
2,6-Dinitrotoluene
Concen: 4.777 ng
RT: 13.981 min Scan# 1869
Delta R.T. -0.041 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

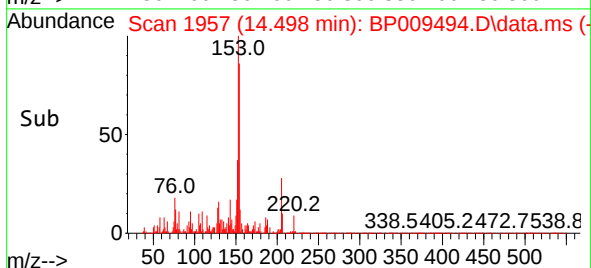
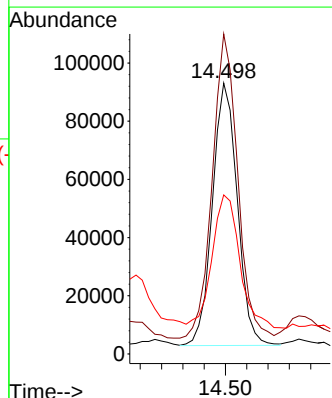
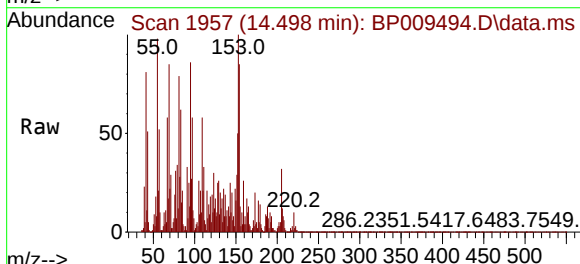
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VNJ-237

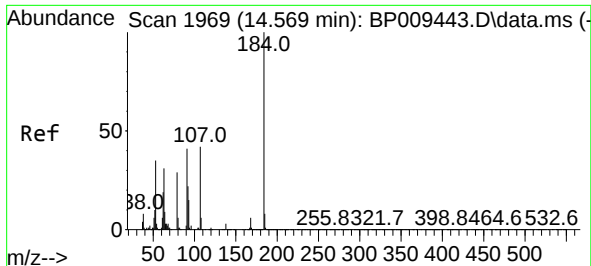
Tgt Ion:165 Resp: 75052
Ion Ratio Lower Upper
165 100
63 6.0 40.9 61.3#
89 5.0 43.4 65.2#



#52
Acenaphthene
Concen: 2.732 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:154 Resp: 146444
Ion Ratio Lower Upper
154 100
153 118.2 90.2 135.4
152 58.7 42.7 64.1

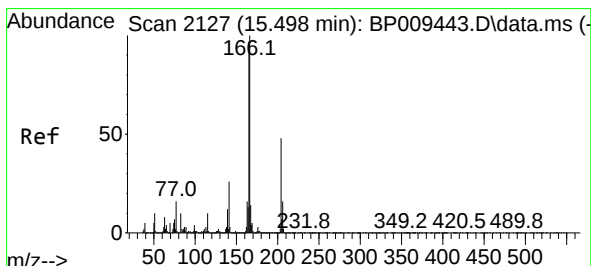
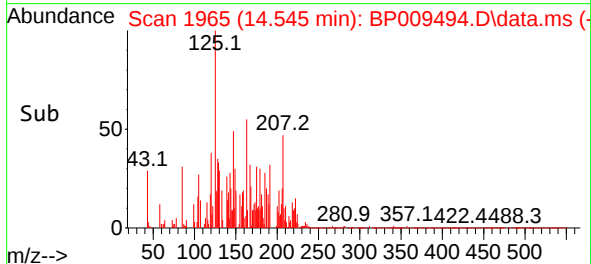
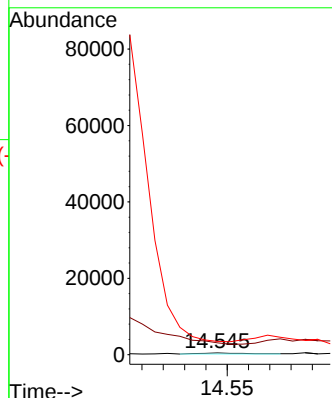
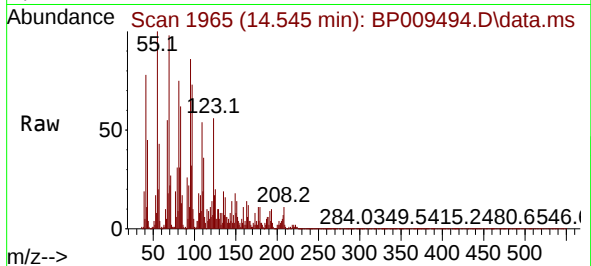




#54
2,4-Dinitrophenol
Concen: 4.578 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.024 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

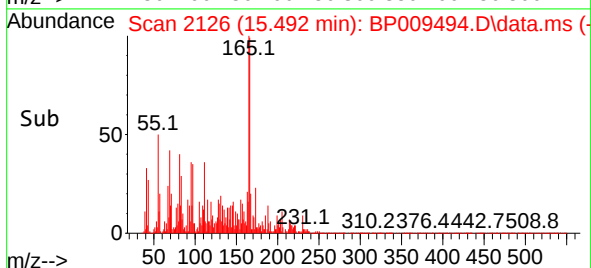
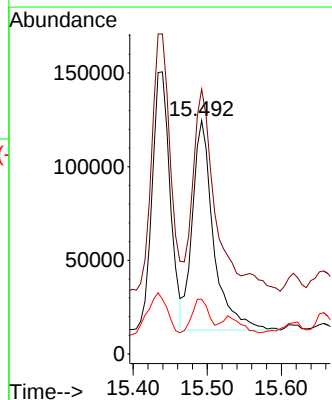
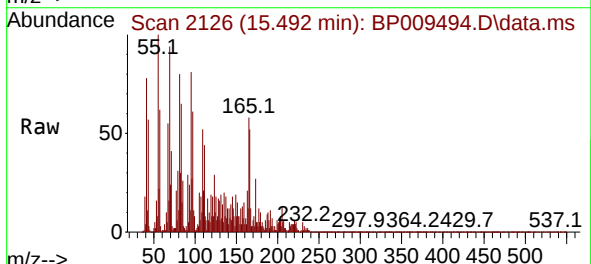
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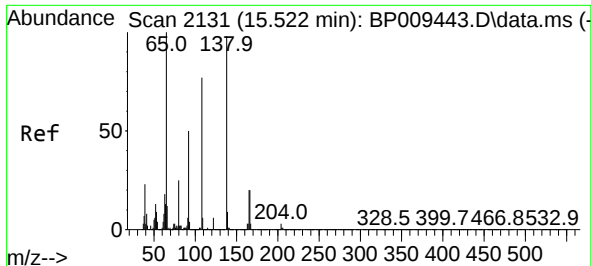
Tgt Ion:184 Resp: 466
Ion Ratio Lower Upper
184 100
63 667.5 46.3 69.5#
154 752.4 45.8 68.6#



#58
Fluorene
Concen: 3.133 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:166 Resp: 221860
Ion Ratio Lower Upper
166 100
165 113.5 79.2 118.8
167 23.5 10.7 16.1#

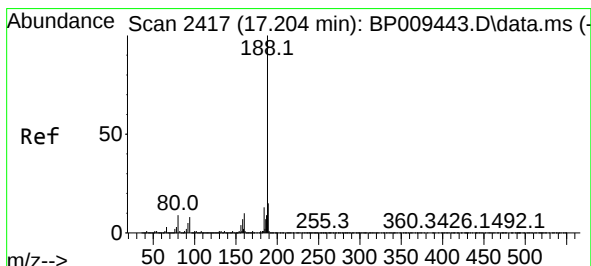
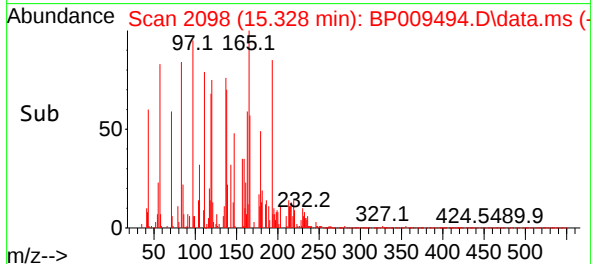
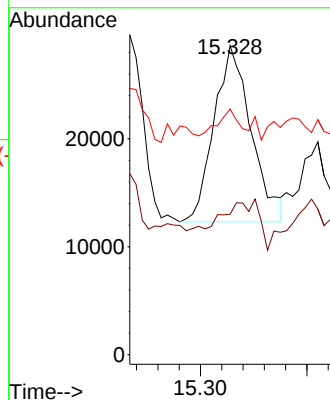
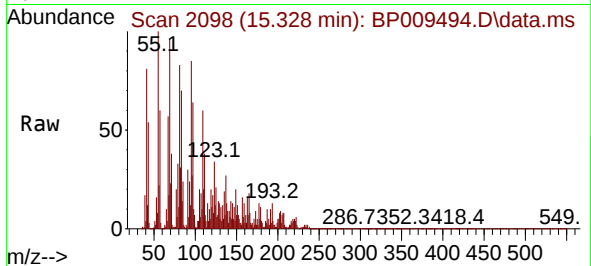




#62
4-Nitroaniline
Concen: 2.262 ng
RT: 15.328 min Scan# 20
Delta R.T. -0.194 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

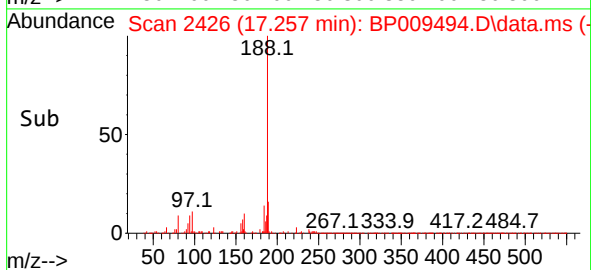
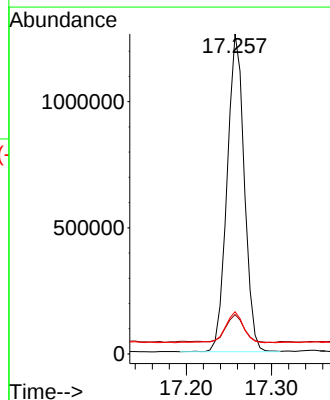
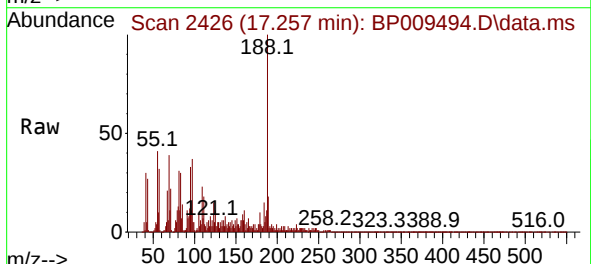
Instrument :
BNA_P
ClientSampleId :
VNJ-237

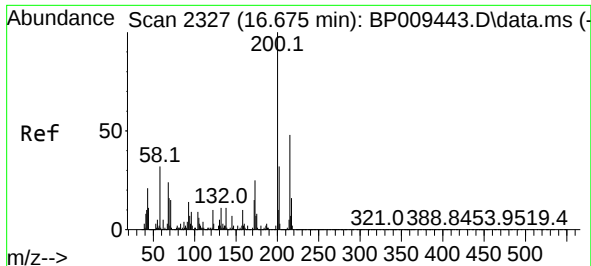
Tgt Ion:138 Resp: 39416
Ion Ratio Lower Upper
138 100
92 45.5 31.2 71.2
108 79.4 54.3 94.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.053 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:188 Resp: 1768236
Ion Ratio Lower Upper
188 100
94 12.3 7.9 11.9#
80 13.2 8.8 13.2#

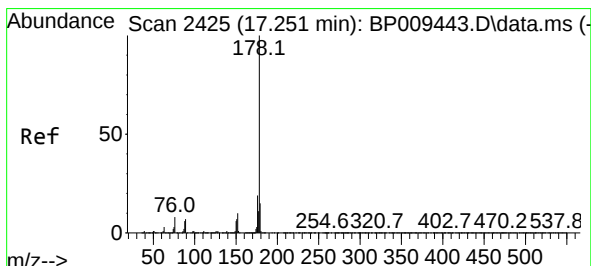
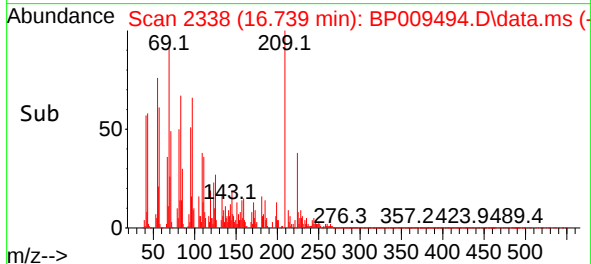
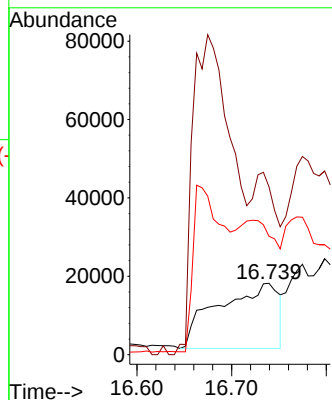
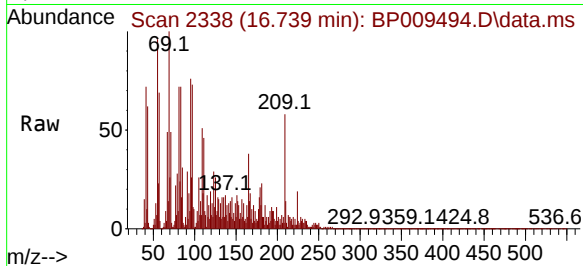




#69
Atrazine
Concen: 3.972 ng
RT: 16.739 min Scan# 21
Delta R.T. 0.065 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

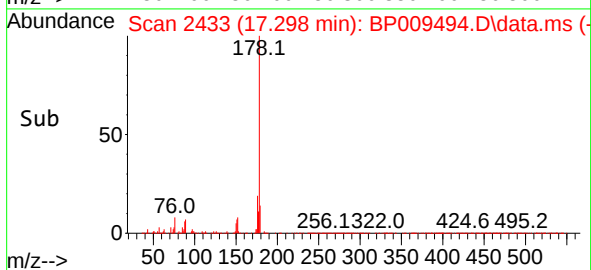
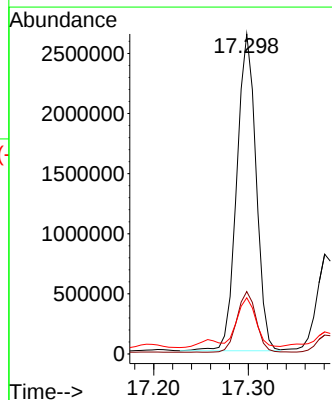
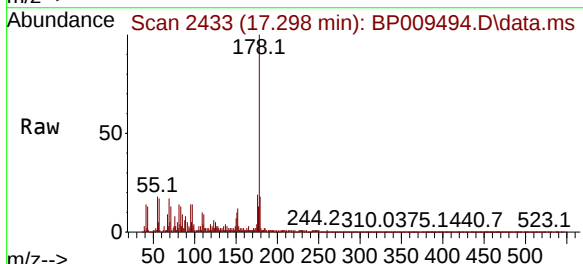
Instrument :
BNA_P
ClientSampleId :
VNJ-237

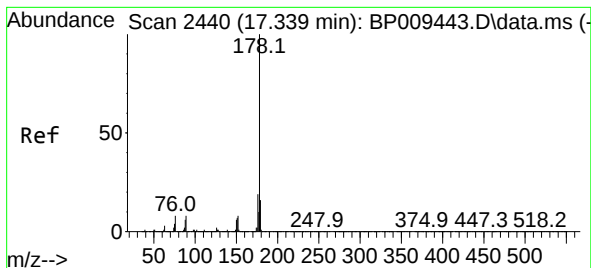
Tgt Ion:200 Resp: 73075
Ion Ratio Lower Upper
200 100
173 235.5 6.2 46.2#
215 166.1 28.5 68.5#



#71
Phenanthrene
Concen: 39.358 ng
RT: 17.298 min Scan# 2433
Delta R.T. 0.047 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:178 Resp: 3725400
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 17.6 12.3 18.5





#72

Anthracene

Concen: 39.863 ng

RT: 17.298 min Scan# 2440

Delta R.T. -0.041 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

Instrument :

BNA_P

ClientSampleId :

VNJ-237

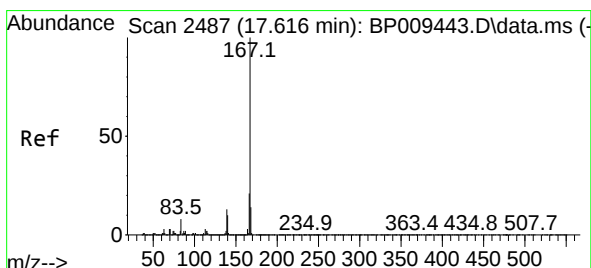
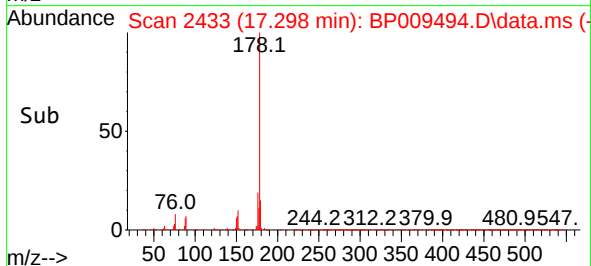
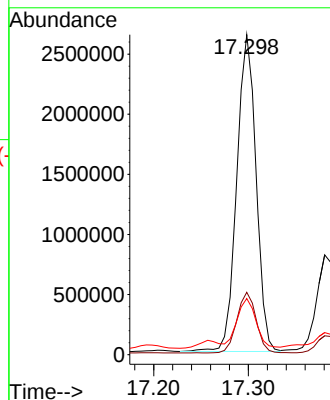
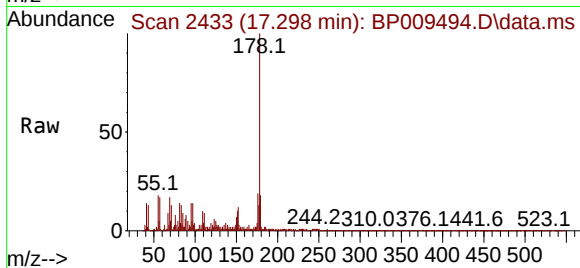
Tgt Ion:178 Resp: 3725400

Ion Ratio Lower Upper

178 100

176 19.5 14.8 22.2

179 17.6 12.2 18.4



#73

Carbazole

Concen: 5.143 ng

RT: 17.634 min Scan# 2490

Delta R.T. 0.018 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

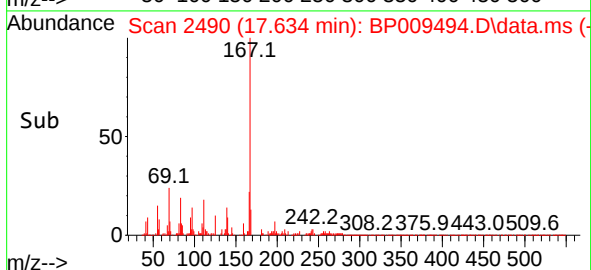
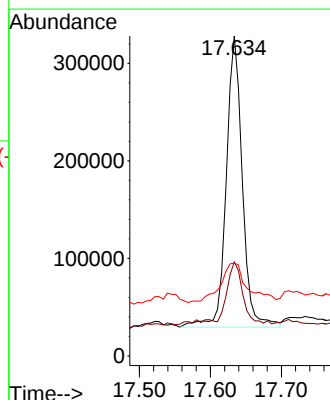
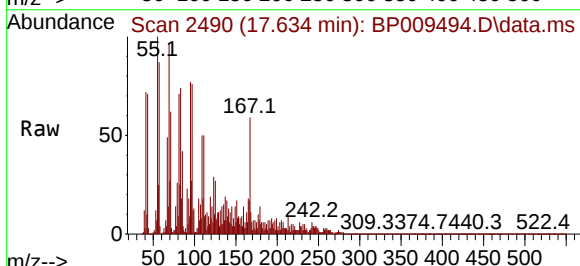
Tgt Ion:167 Resp: 470061

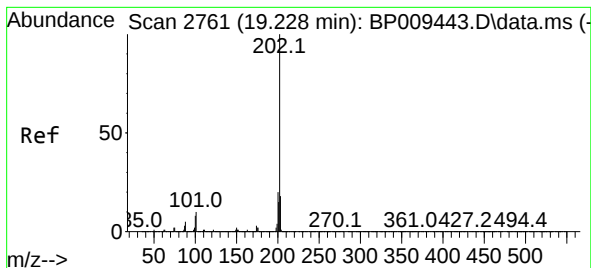
Ion Ratio Lower Upper

167 100

166 29.4 17.2 25.8#

139 29.0 10.3 15.5#





#75

Fluoranthene

Concen: 70.993 ng

RT: 19.239 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

Instrument :

BNA_P

ClientSampleId :

VNJ-237

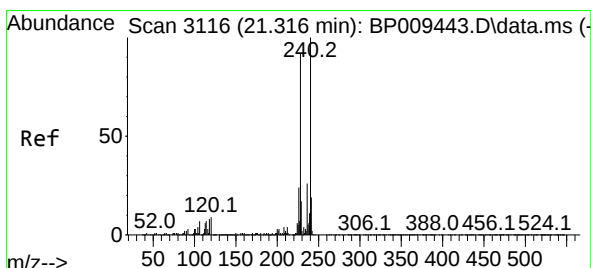
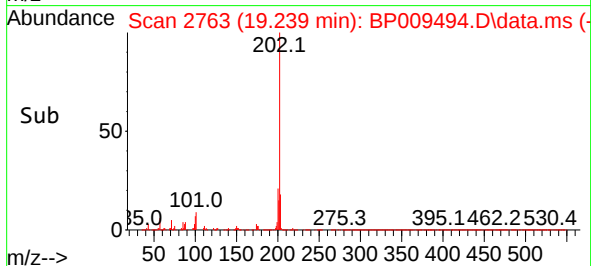
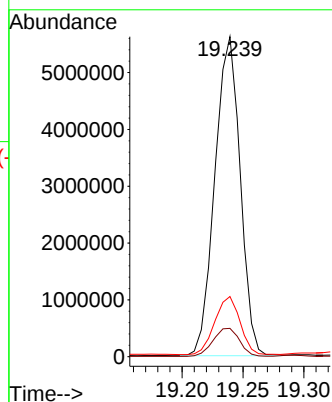
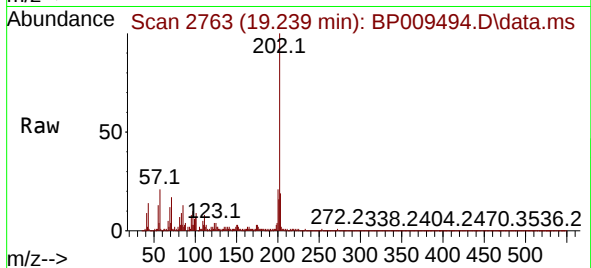
Tgt Ion:202 Resp: 8135336

Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.5

203 18.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.327 min Scan# 3118

Delta R.T. 0.012 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

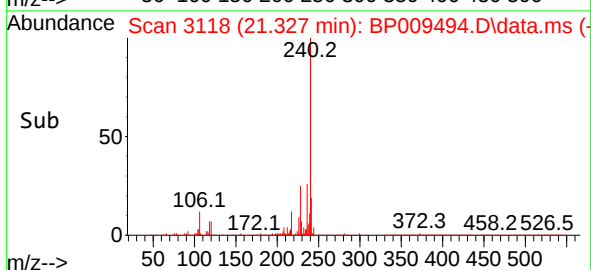
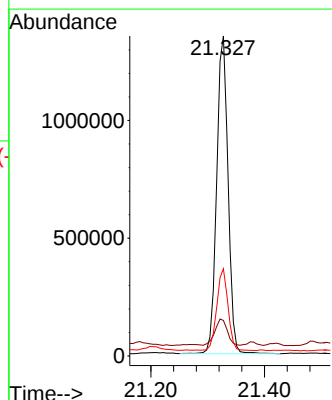
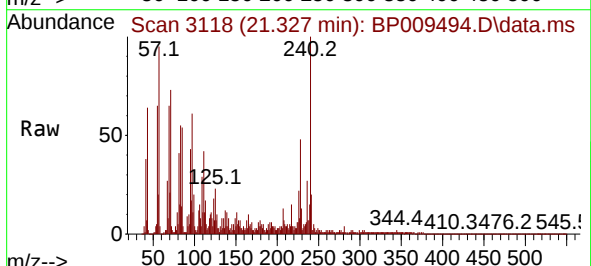
Tgt Ion:240 Resp: 1868934

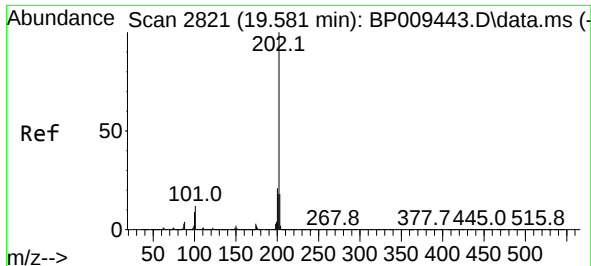
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 27.3 20.6 30.8

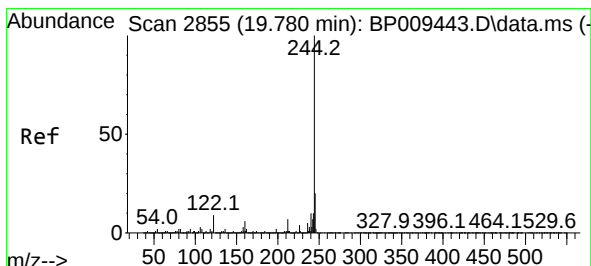
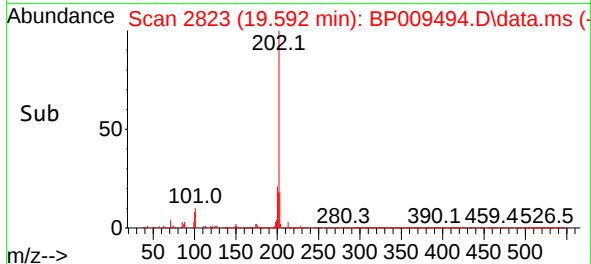
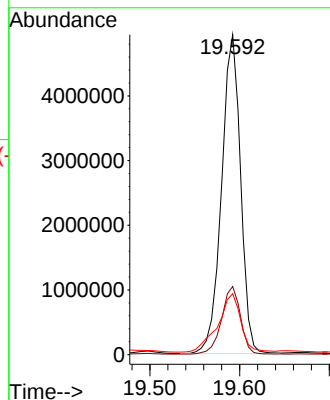
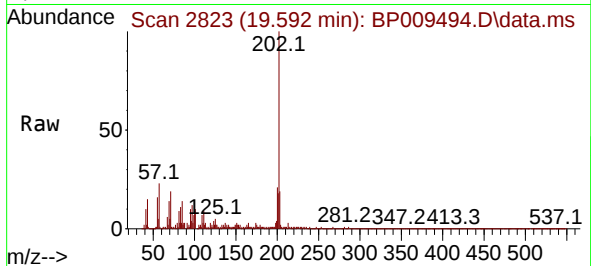




#78
Pyrene
Concen: 58.779 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

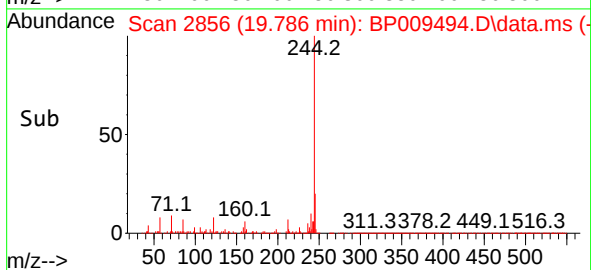
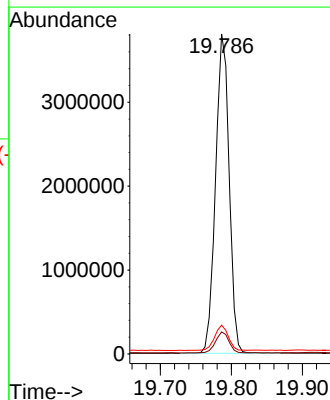
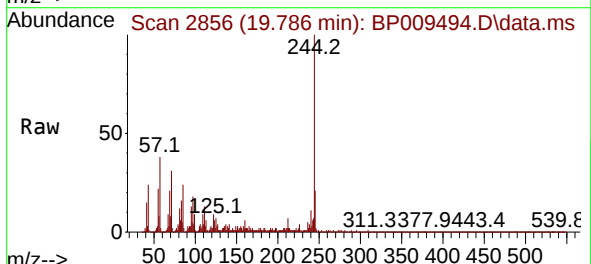
Instrument :
BNA_P
ClientSampleId :
VNJ-237

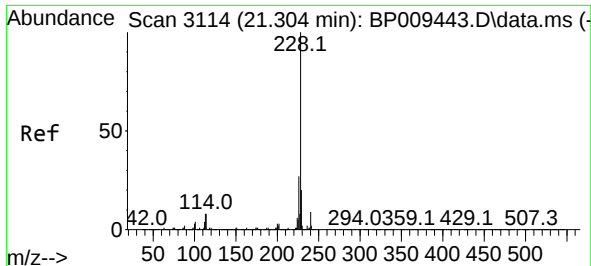
Tgt Ion:202 Resp: 7238843
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 19.0 14.2 21.4



#79
Terphenyl-d14
Concen: 48.460 ng
RT: 19.786 min Scan# 2856
Delta R.T. 0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:244 Resp: 5045913
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.0 8.3 12.5

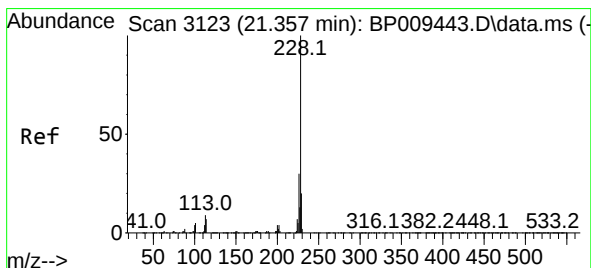
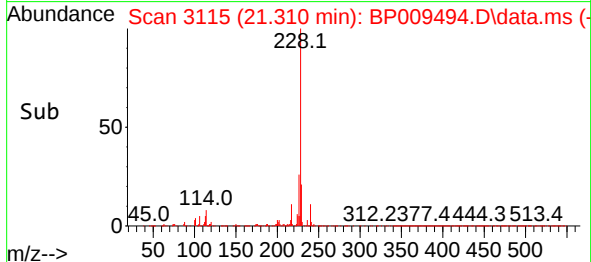
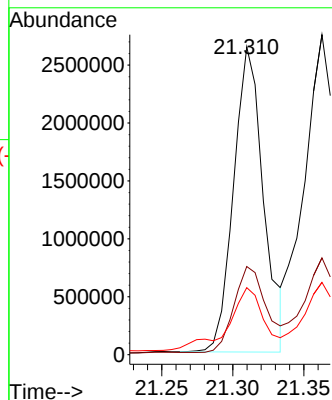
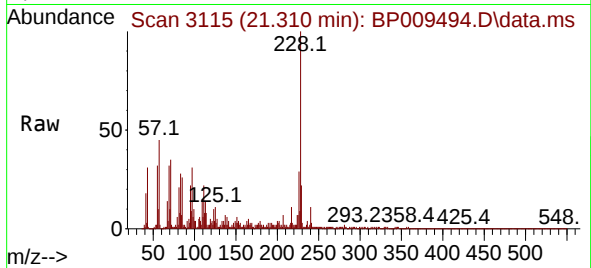




#81
Benzo(a)anthracene
Concen: 31.404 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

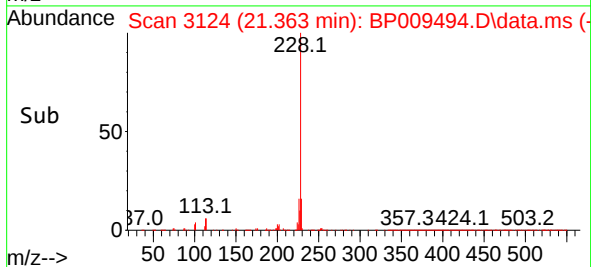
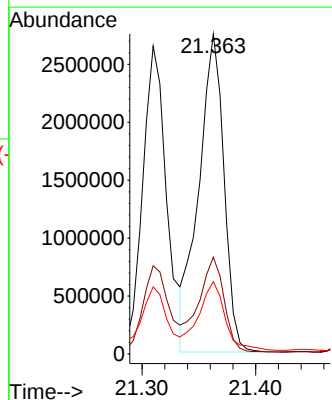
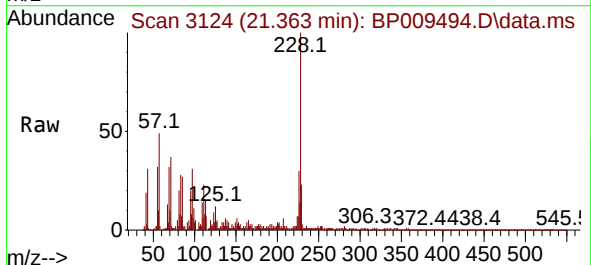
Instrument :
BNA_P
ClientSampleId :
VNJ-237

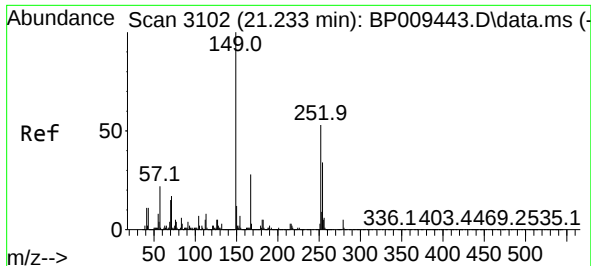
Tgt Ion:228 Resp: 3855975
Ion Ratio Lower Upper
228 100
226 28.6 22.0 33.0
229 21.8 16.1 24.1



#83
Chrysene
Concen: 36.443 ng
RT: 21.363 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:228 Resp: 4237176
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 22.6 16.1 24.1

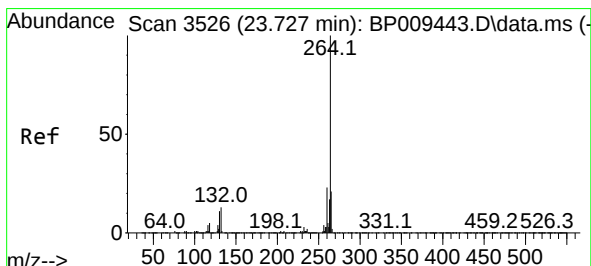
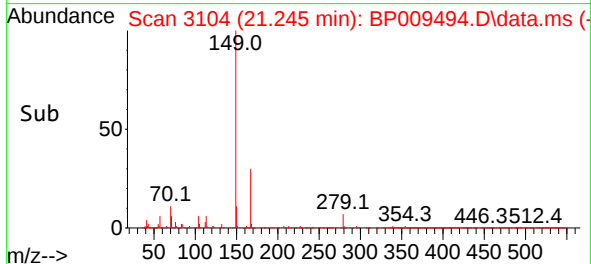
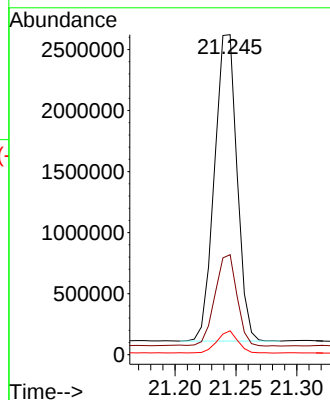
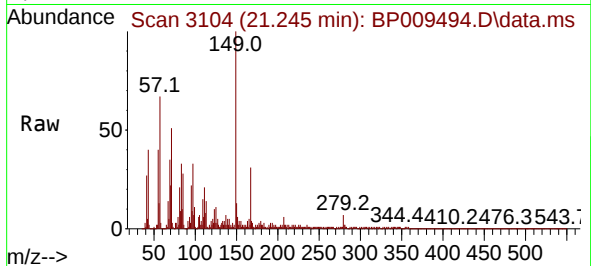




#84
Bis(2-ethylhexyl)phthalate
Concen: 44.405 ng
RT: 21.245 min Scan# 3104
Delta R.T. 0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

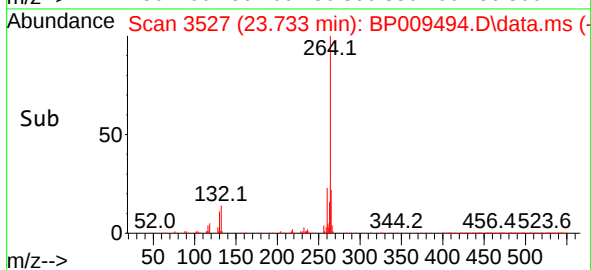
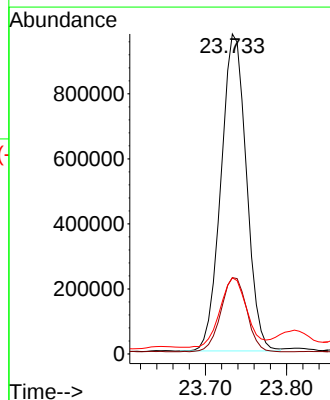
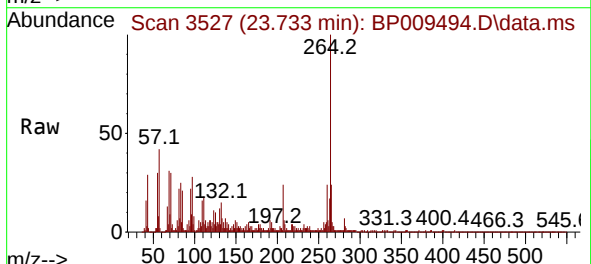
Instrument :
BNA_P
ClientSampleId :
VNJ-237

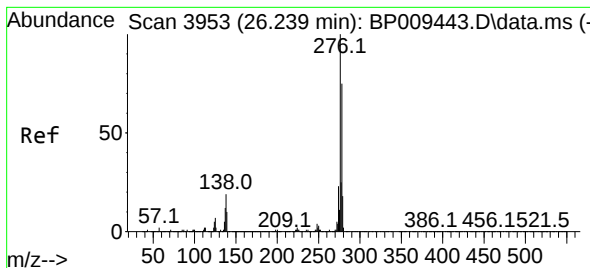
Tgt Ion:149 Resp: 3239896
Ion Ratio Lower Upper
149 100
167 31.2 22.6 33.8
279 7.5 3.8 5.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:264 Resp: 2119746
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 23.8 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.758 ng

RT: 26.239 min Scan# 3953

Delta R.T. -0.000 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

Instrument :

BNA_P

ClientSampleId :

VNJ-237

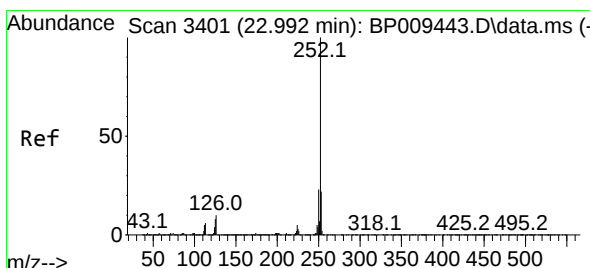
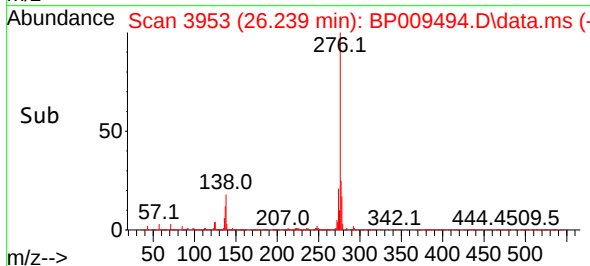
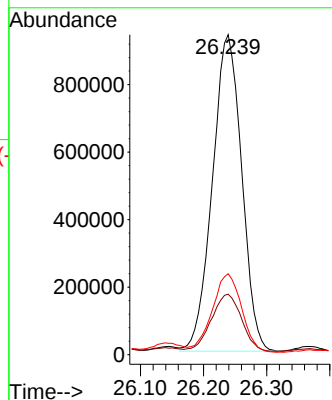
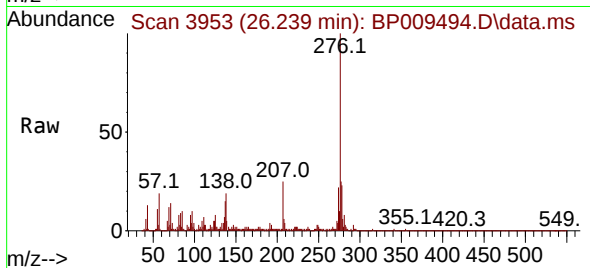
Tgt Ion:276 Resp: 3016732

Ion Ratio Lower Upper

276 100

138 18.6 20.5 30.7#

277 24.9 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 67.616 ng

RT: 23.010 min Scan# 3404

Delta R.T. 0.018 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

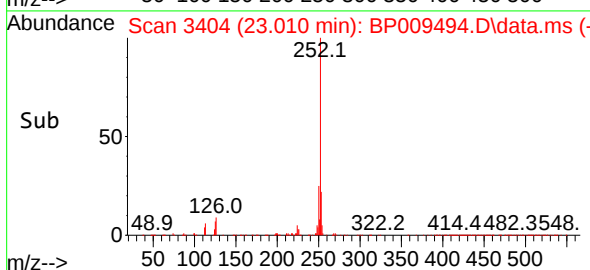
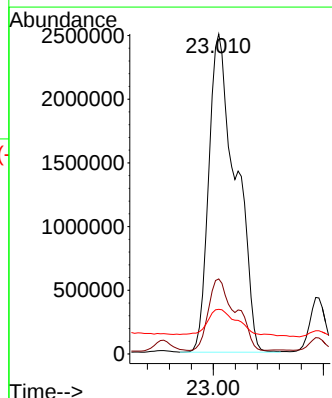
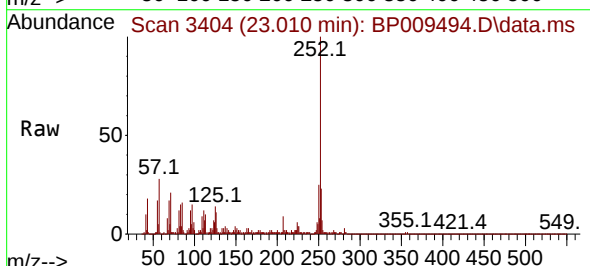
Tgt Ion:252 Resp: 8556313

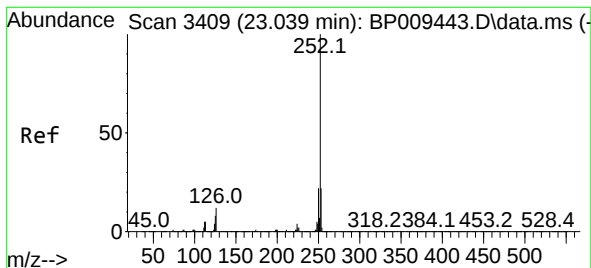
Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

125 14.0 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 69.093 ng

RT: 23.010 min Scan# 34

Delta R.T. -0.029 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

Instrument :

BNA_P

ClientSampleId :

VNJ-237

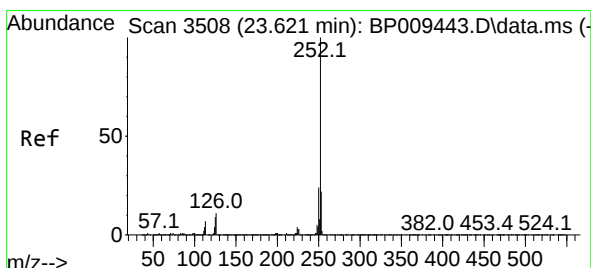
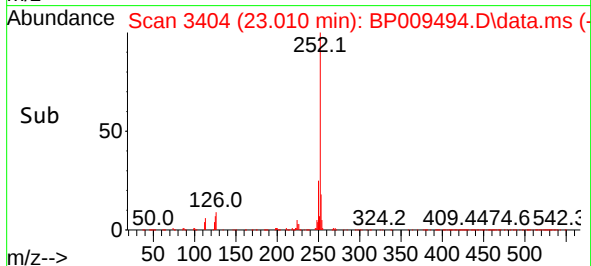
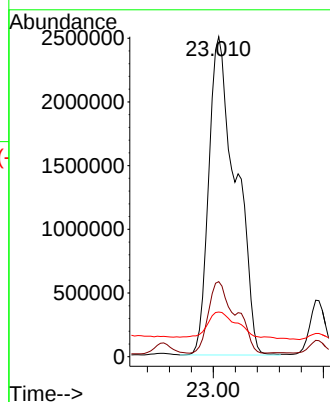
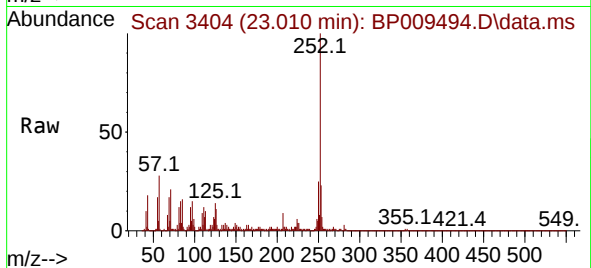
Tgt Ion:252 Resp: 8560503

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 14.0 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 36.968 ng

RT: 23.633 min Scan# 3510

Delta R.T. 0.012 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

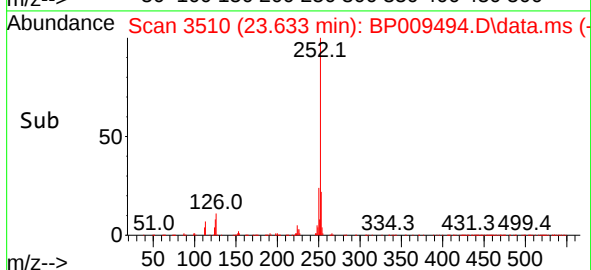
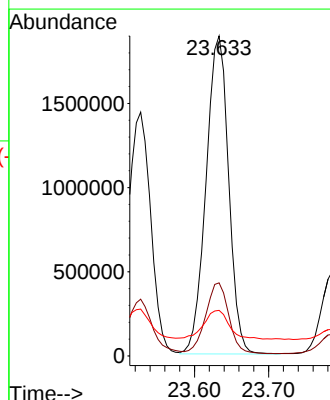
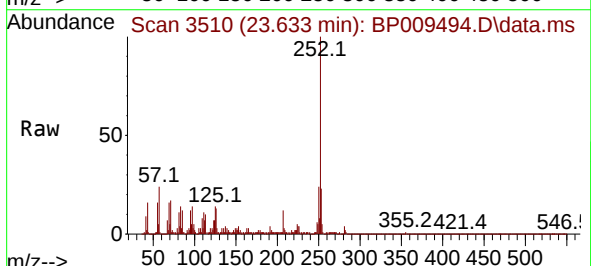
Tgt Ion:252 Resp: 4002410

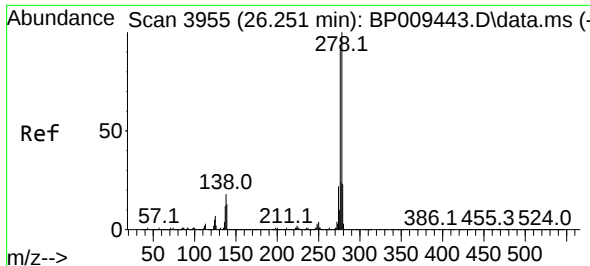
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 14.2 9.3 13.9#

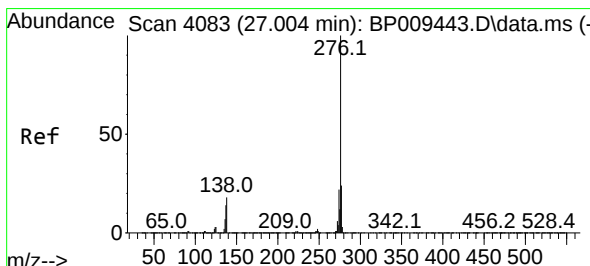
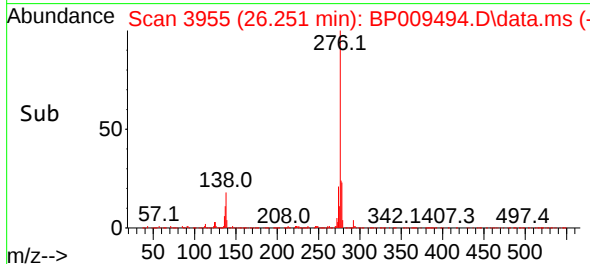
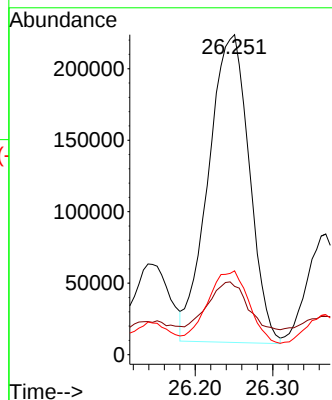
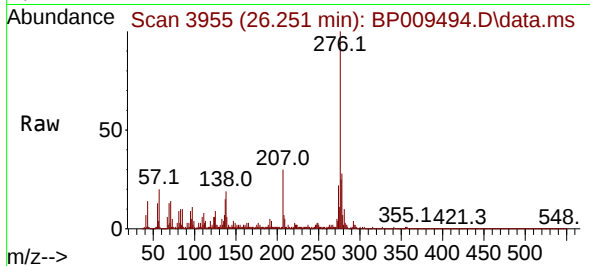




#91
Dibenzo(a,h)anthracene
Concen: 5.881 ng
RT: 26.251 min Scan# 3955
Delta R.T. -0.000 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Instrument :
BNA_P
ClientSampleId :
VNJ-237

Tgt Ion:278 Resp: 788214
Ion Ratio Lower Upper
278 100
139 21.4 13.2 19.8#
279 26.2 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 21.725 ng
RT: 27.009 min Scan# 4084
Delta R.T. 0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:276 Resp: 2864545
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 19.5 18.0 27.0

