

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
 Data File : BP009364.D
 Acq On : 11 Mar 2022 14:44
 Operator : CG/JU
 Sample : N1890-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232

Quant Time: Mar 12 04:50:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

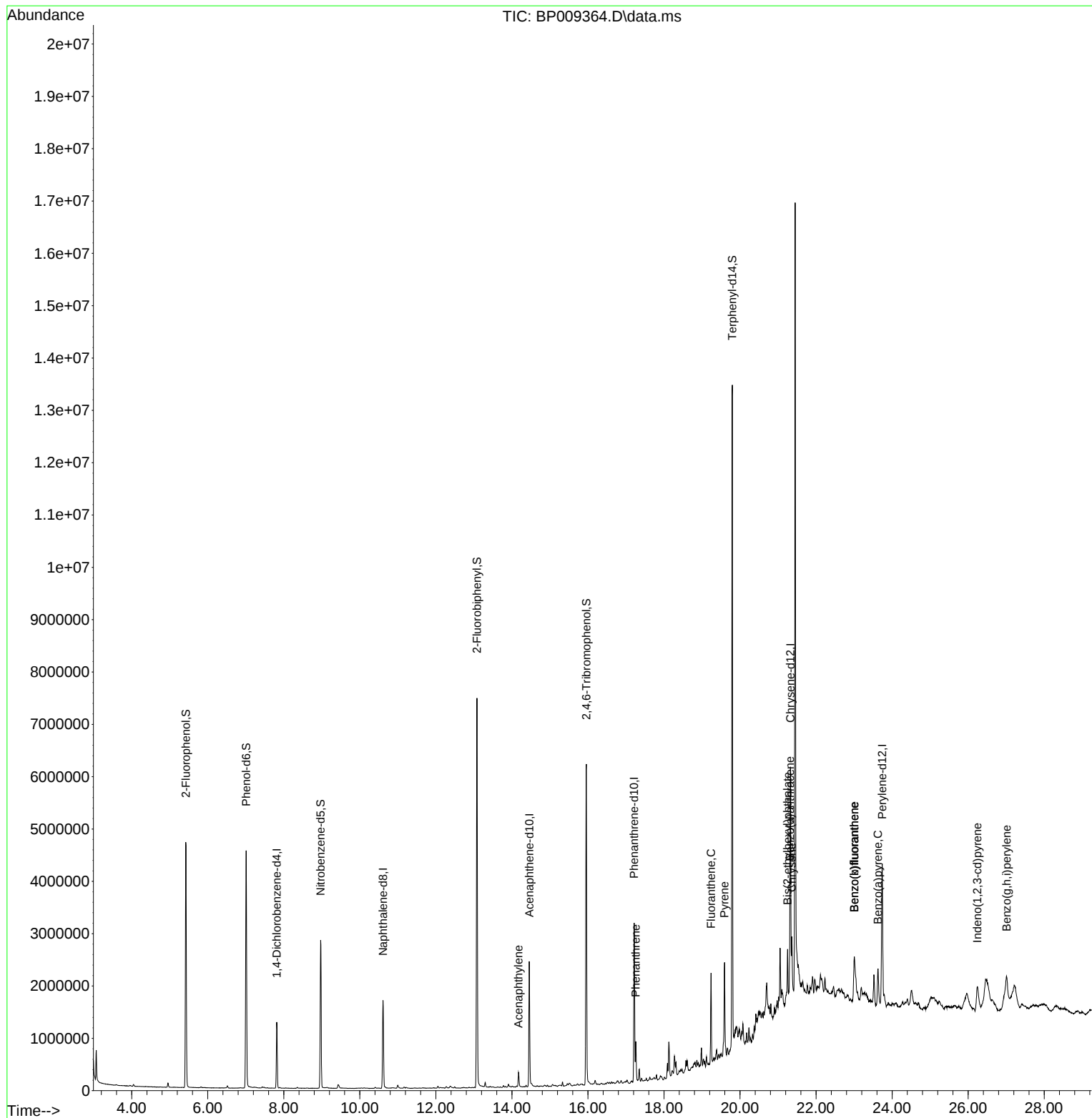
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	379895	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1547686	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	971857	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2003615	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1984980	20.000	ng	0.00
86) Perylene-d12	23.739	264	2227952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2361823	90.749	ng	0.01
7) Phenol-d6	7.010	99	2987782	90.338	ng	0.02
23) Nitrobenzene-d5	8.969	82	1858247	66.131	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1446372	123.251	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	4351378	61.573	ng	0.00
79) Terphenyl-d14	19.798	244	6747305	64.147	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.175	152	250105	2.693	ng	98
71) Phenanthrene	17.257	178	495245	4.301	ng	99
75) Fluoranthene	19.239	202	1029159	7.743	ng	98
78) Pyrene	19.592	202	1128152	8.418	ng	100
81) Benzo(a)anthracene	21.310	228	557944	4.147	ng	94
83) Chrysene	21.362	228	647300	4.955	ng	98
84) Bis(2-ethylhexyl)phtha...	21.251	149	353208	4.565	ng	99
87) Indeno(1,2,3-cd)pyrene	26.239	276	450043	2.600	ng	# 93
88) Benzo(b)fluoranthene	23.004	252	1110325	7.381	ng	97
89) Benzo(k)fluoranthene	23.004	252	1110325	7.726	ng	97
90) Benzo(a)pyrene	23.627	252	567323	3.976	ng	99
92) Benzo(g,h,i)perylene	27.009	276	465645	3.211	ng	# 90

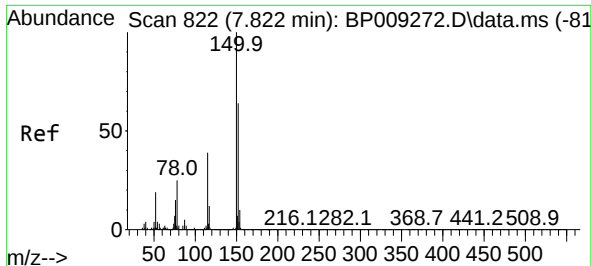
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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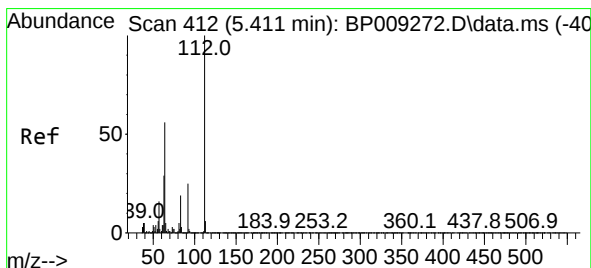
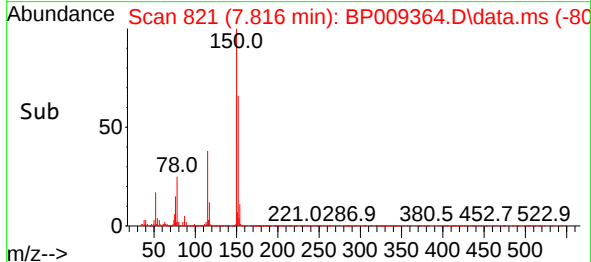
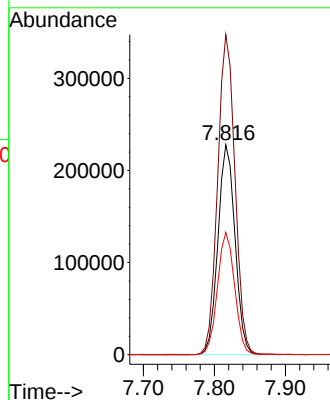
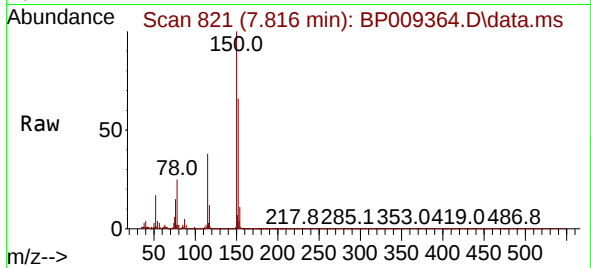




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

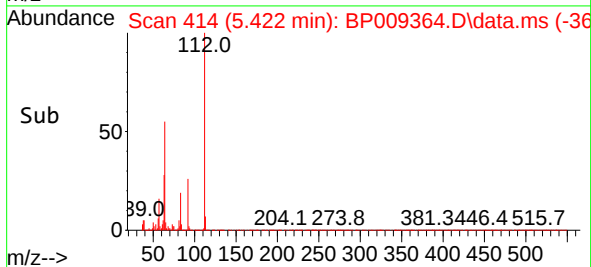
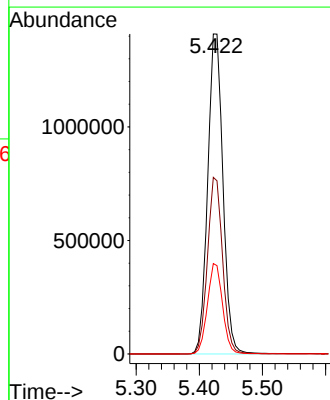
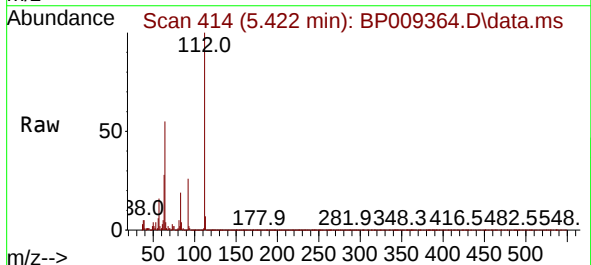
Instrument :
BNA_P
ClientSampleId :
VNJ-232

Tgt Ion:152 Resp: 379895
Ion Ratio Lower Upper
152 100
150 152.4 124.5 186.7
115 58.2 48.2 72.4



#5
2-Fluorophenol
Concen: 90.749 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Tgt Ion:112 Resp: 2361823
Ion Ratio Lower Upper
112 100
64 55.2 45.0 67.4
63 28.2 23.0 34.6

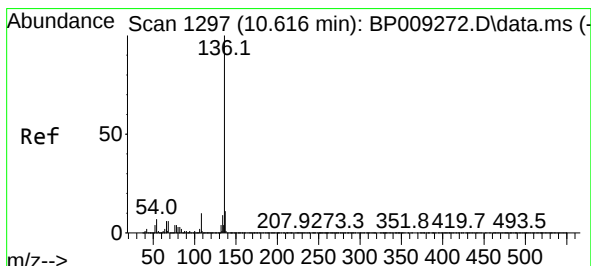
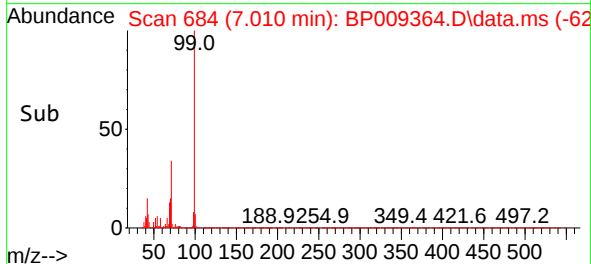
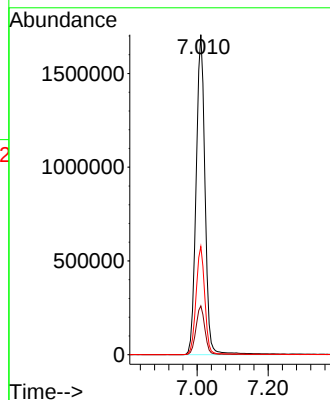
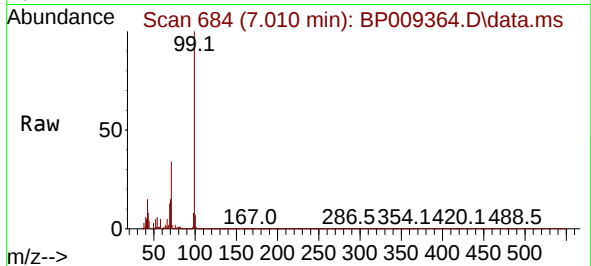




#7
Phenol-d6
Concen: 90.338 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.023 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

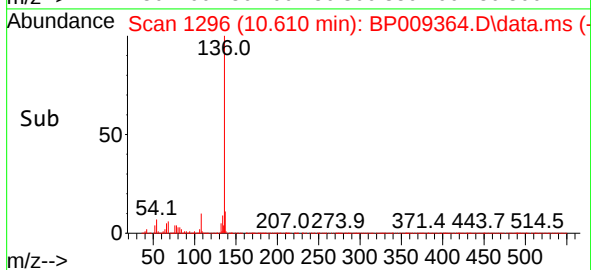
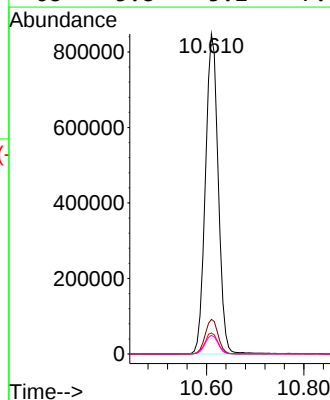
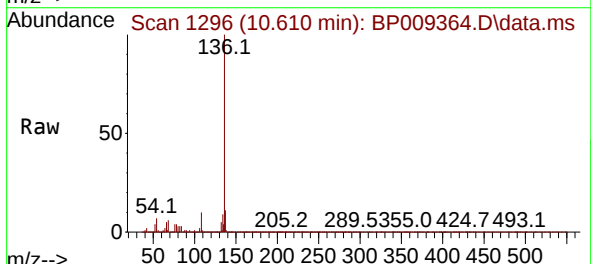
Instrument :
BNA_P
ClientSampleId :
VNJ-232

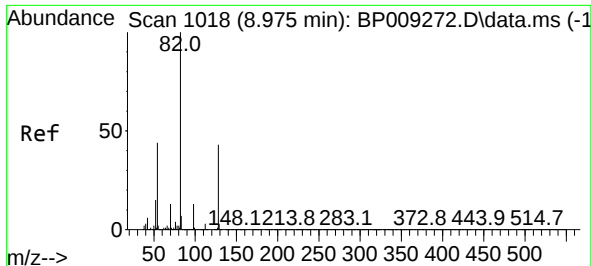
Tgt Ion: 99 Resp: 2987782
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Tgt Ion: 136 Resp: 1547686
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.6 5.8 8.8
68 5.8 5.2 7.8

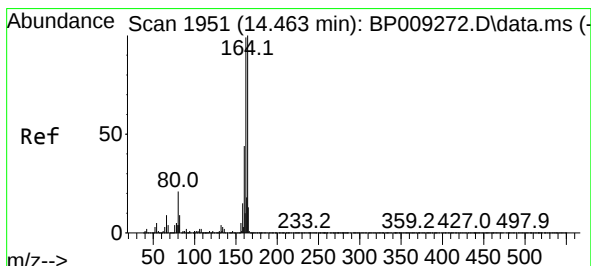
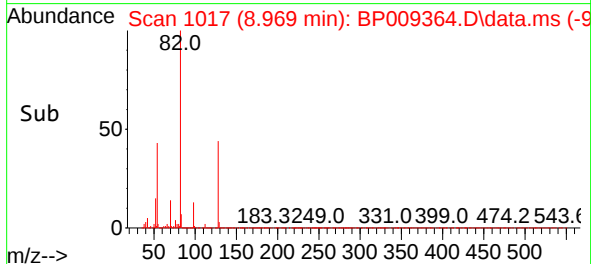
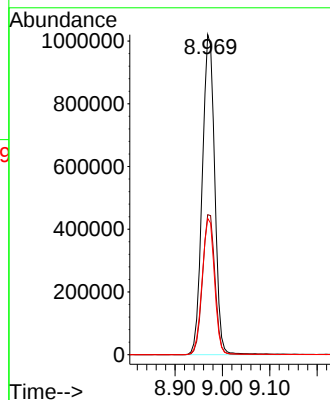
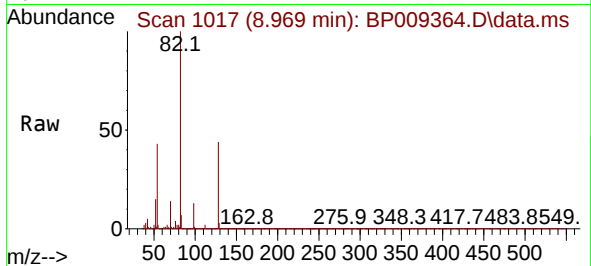




#23
Nitrobenzene-d5
Concen: 66.131 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

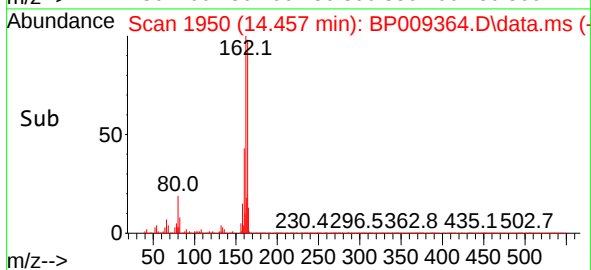
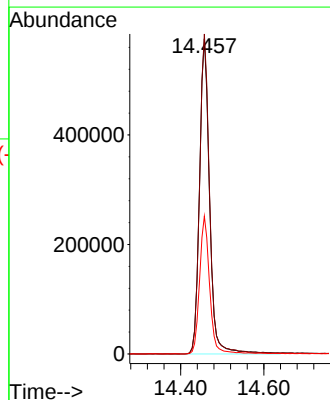
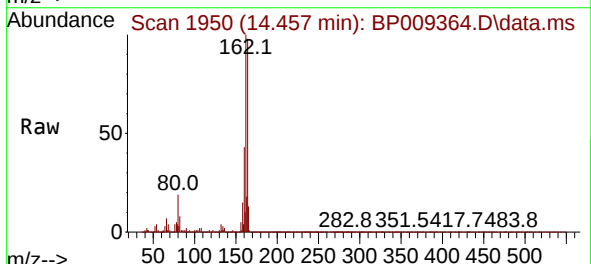
Instrument :
BNA_P
ClientSampleId :
VNJ-232

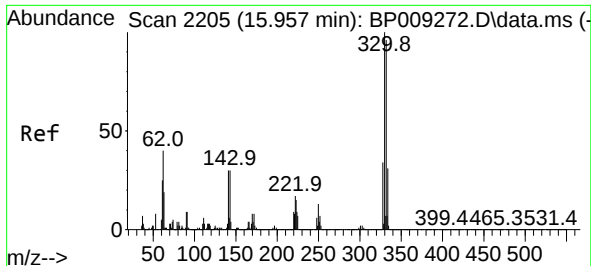
Tgt Ion: 82 Resp: 1858247
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 42.6 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Tgt Ion:164 Resp: 971857
Ion Ratio Lower Upper
164 100
162 101.5 79.1 118.7
160 43.7 34.9 52.3

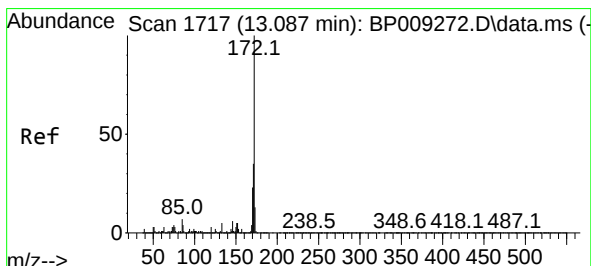
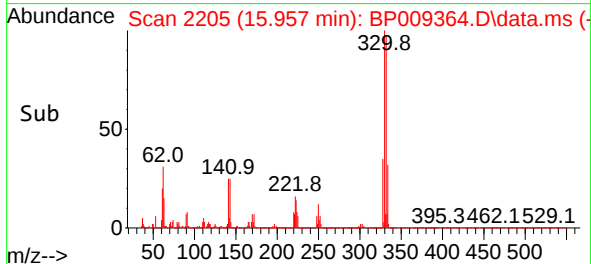
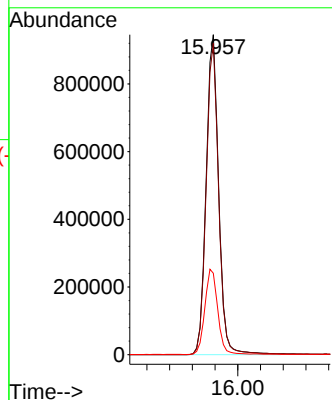
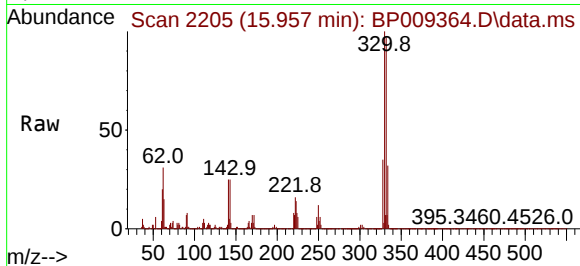




#42
2,4,6-Tribromophenol
Concen: 123.251 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

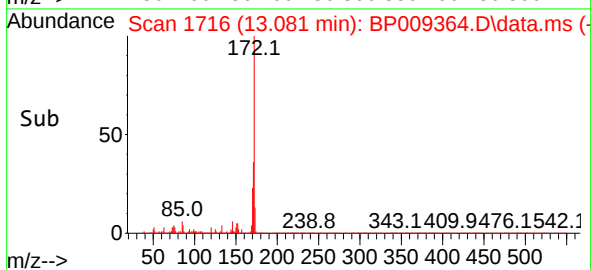
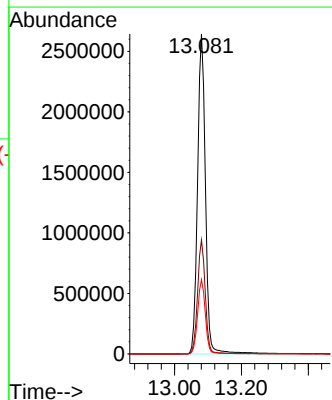
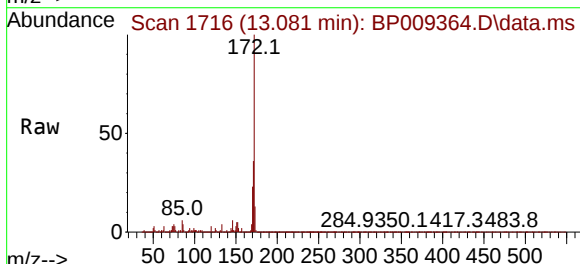
Instrument :
BNA_P
ClientSampleId :
VNJ-232

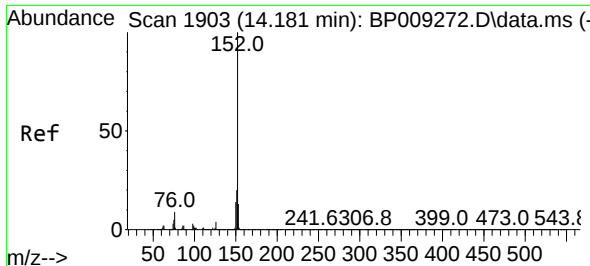
Tgt Ion:330 Resp: 1446372
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 27.3 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 61.573 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Tgt Ion:172 Resp: 4351378
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.2 18.6 27.8

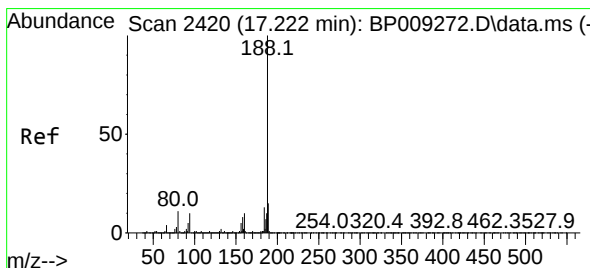
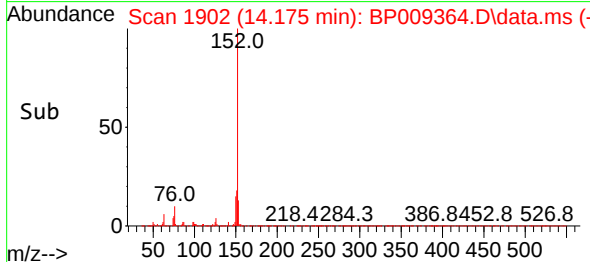
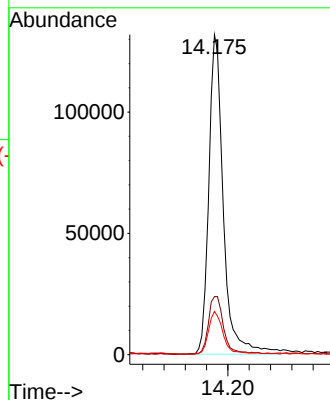
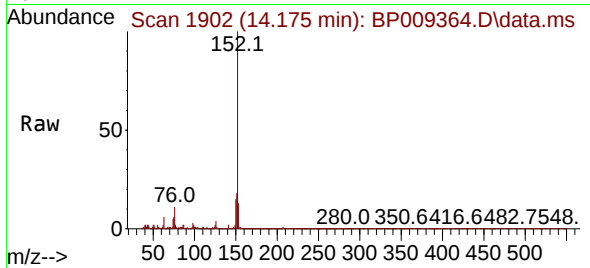




#49
Acenaphthylene
Concen: 2.693 ng
RT: 14.175 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

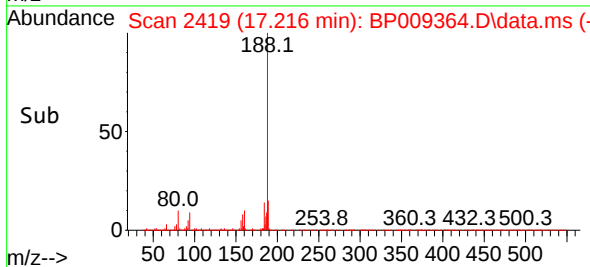
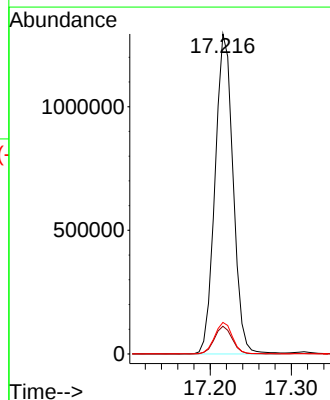
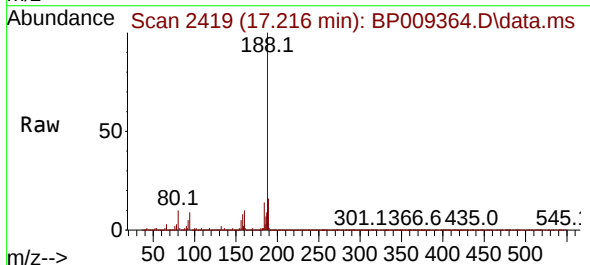
Instrument :
BNA_P
ClientSampleId :
VNJ-232

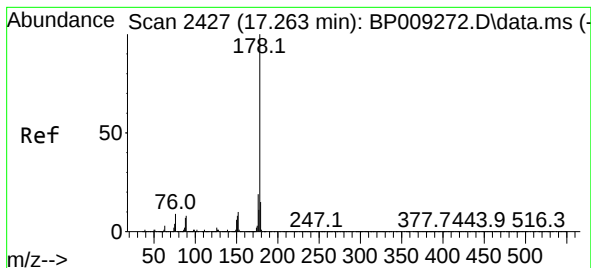
Tgt Ion:152 Resp: 250105
Ion Ratio Lower Upper
152 100
151 18.2 15.9 23.9
153 13.5 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Tgt Ion:188 Resp: 2003615
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.9 8.8 13.2





#71

Phenanthrene

Concen: 4.301 ng

RT: 17.257 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP009364.D

Acq: 11 Mar 2022 14:44

Instrument :

BNA_P

ClientSampleId :

VNJ-232

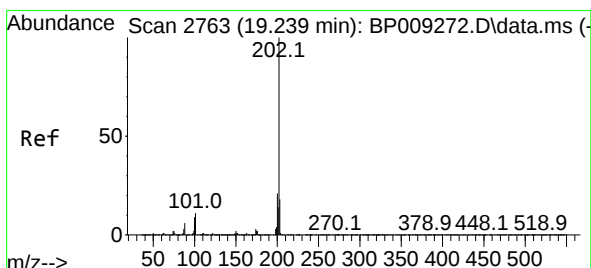
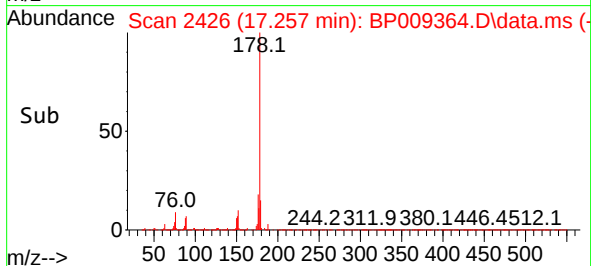
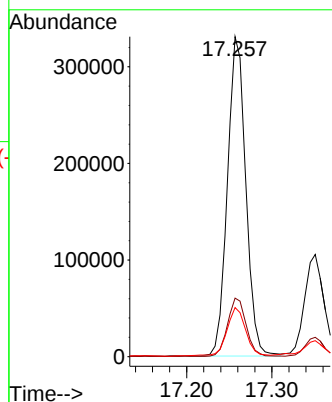
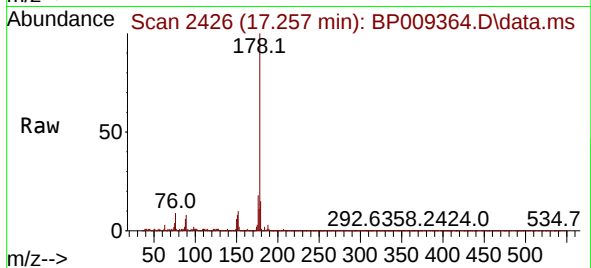
Tgt Ion:178 Resp: 495245

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

179 15.3 12.3 18.5



#75

Fluoranthene

Concen: 7.743 ng

RT: 19.239 min Scan# 2763

Delta R.T. -0.000 min

Lab File: BP009364.D

Acq: 11 Mar 2022 14:44

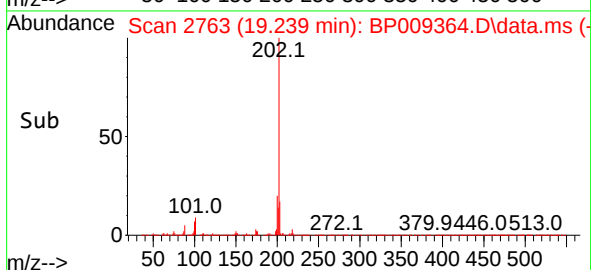
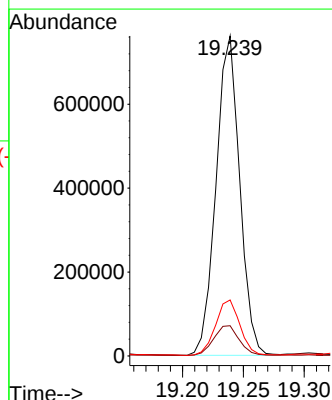
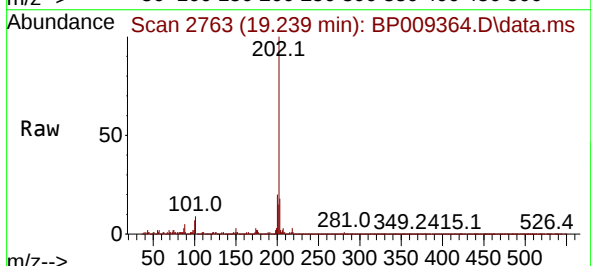
Tgt Ion:202 Resp: 1029159

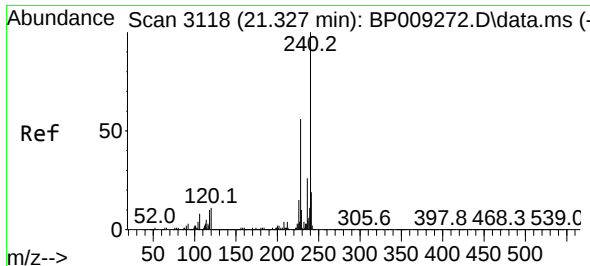
Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.5

203 17.5 0.0 37.8

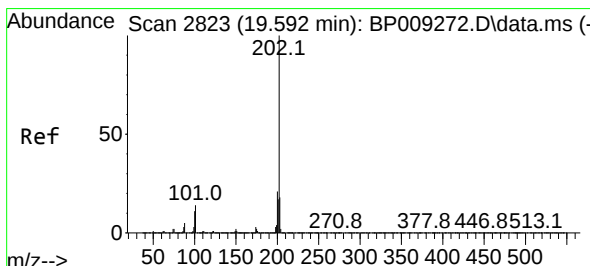
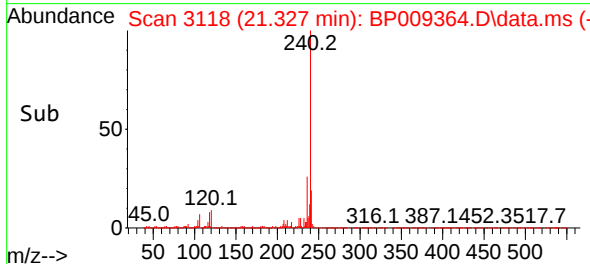
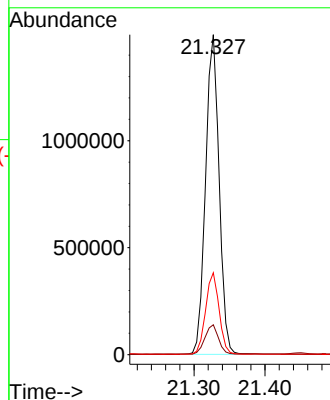
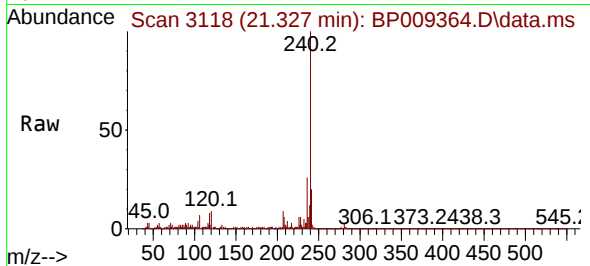




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

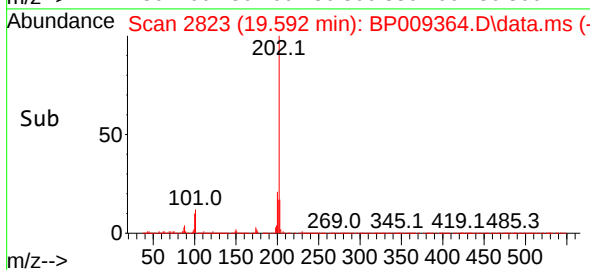
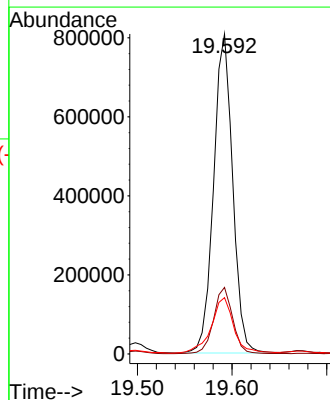
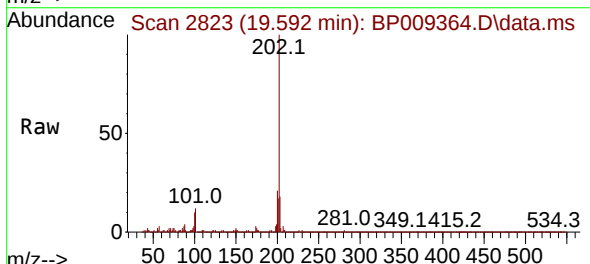
Instrument :
BNA_P
ClientSampleId :
VNJ-232

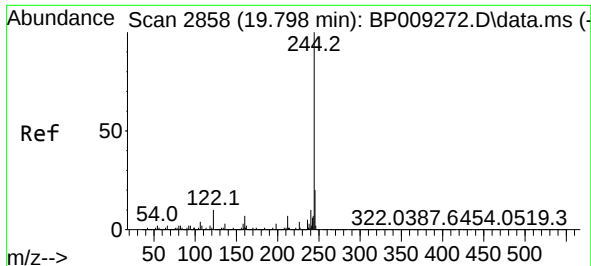
Tgt Ion:240 Resp: 1984980
Ion Ratio Lower Upper
240 100
120 9.3 9.0 13.4
236 25.6 20.6 30.8



#78
Pyrene
Concen: 8.418 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Tgt Ion:202 Resp: 1128152
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.6 14.2 21.4

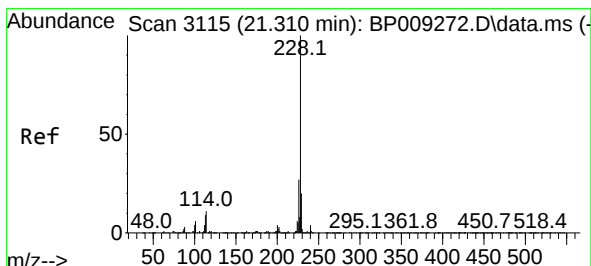
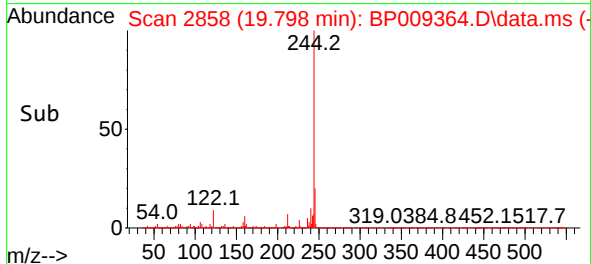
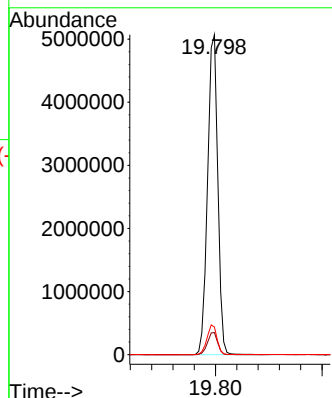
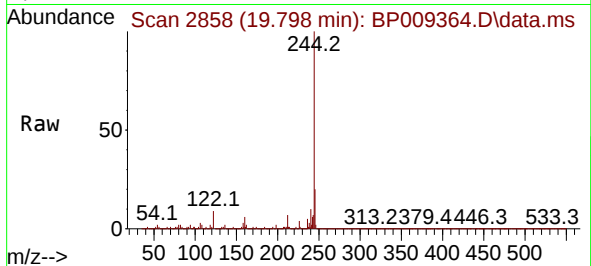




#79
 Terphenyl-d14
 Concen: 64.147 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP009364.D
 Acq: 11 Mar 2022 14:44

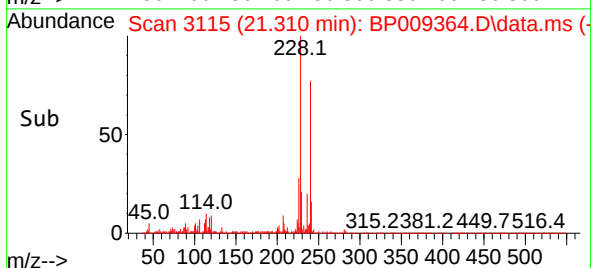
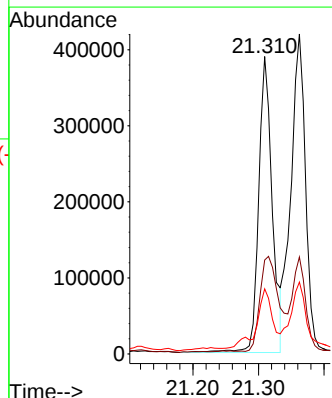
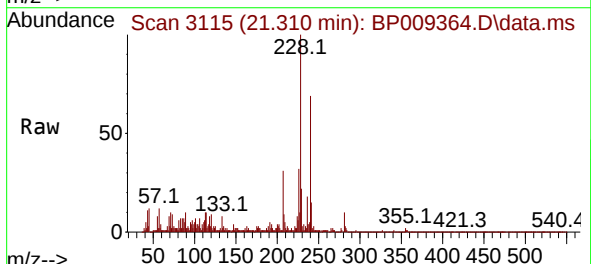
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-232

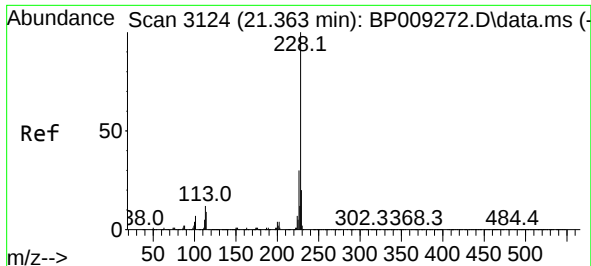
Tgt Ion:244 Resp: 6747305
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.6 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 4.147 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BP009364.D
 Acq: 11 Mar 2022 14:44

Tgt Ion:228 Resp: 557944
 Ion Ratio Lower Upper
 228 100
 226 31.6 22.0 33.0
 229 21.9 16.1 24.1





#83

Chrysene

Concen: 4.955 ng

RT: 21.362 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BP009364.D

Acq: 11 Mar 2022 14:44

Instrument :

BNA_P

ClientSampleId :

VNJ-232

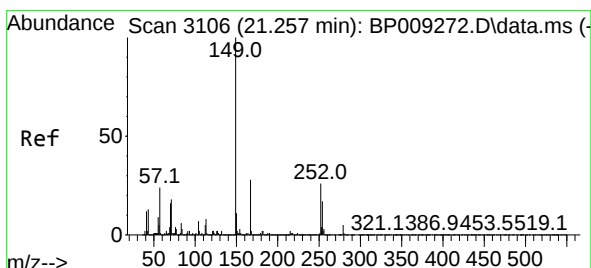
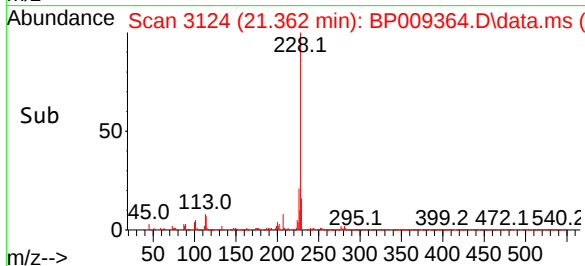
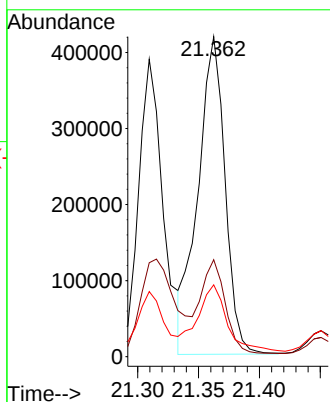
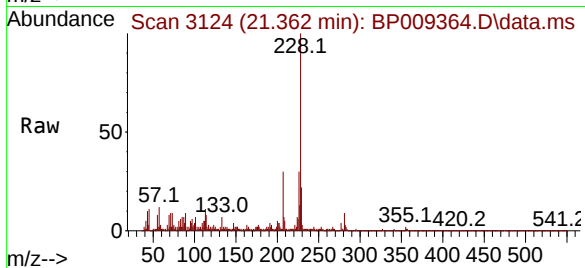
Tgt Ion:228 Resp: 647300

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 22.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.565 ng

RT: 21.251 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP009364.D

Acq: 11 Mar 2022 14:44

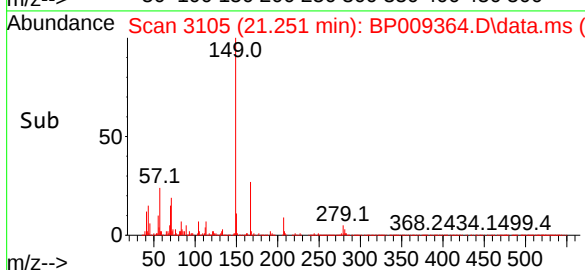
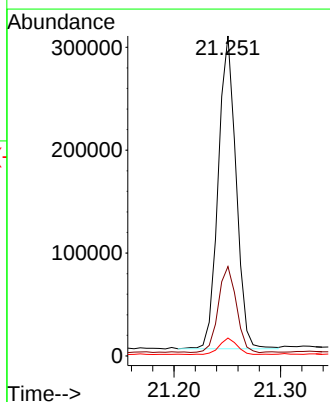
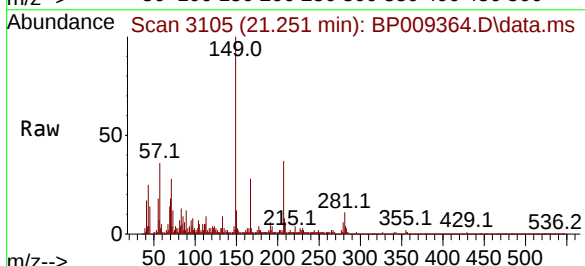
Tgt Ion:149 Resp: 353208

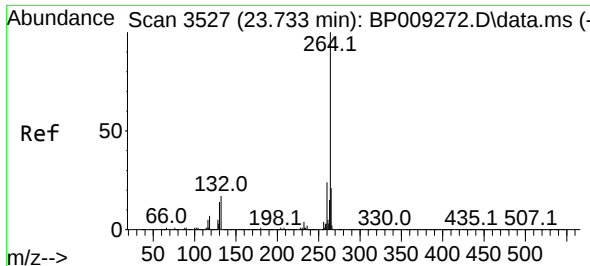
Ion Ratio Lower Upper

149 100

167 28.0 22.6 33.8

279 5.6 3.8 5.6

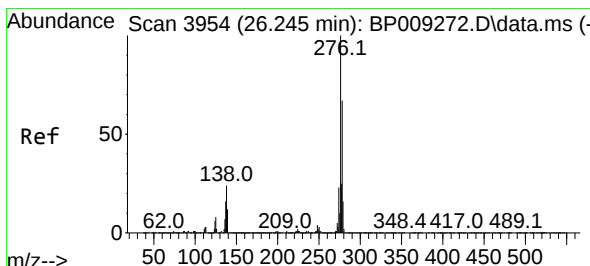
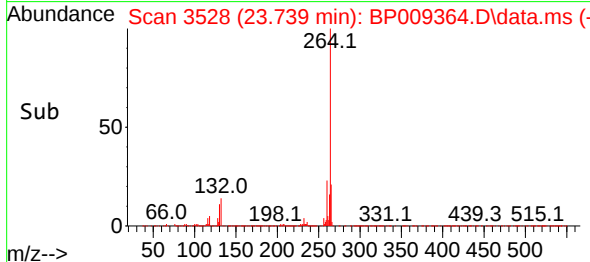
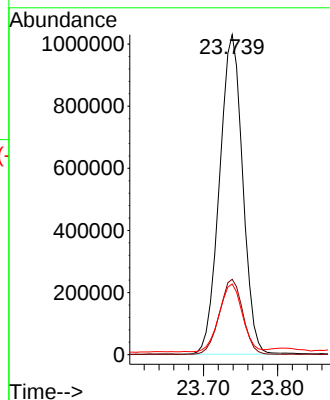
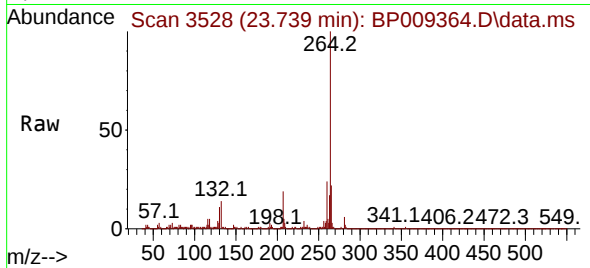




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

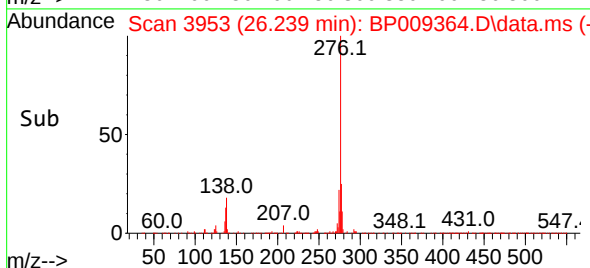
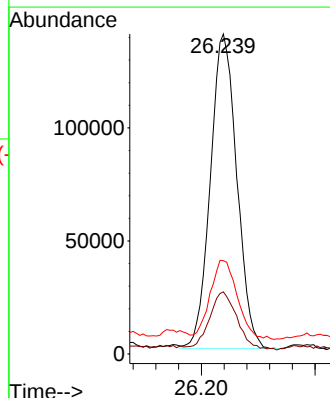
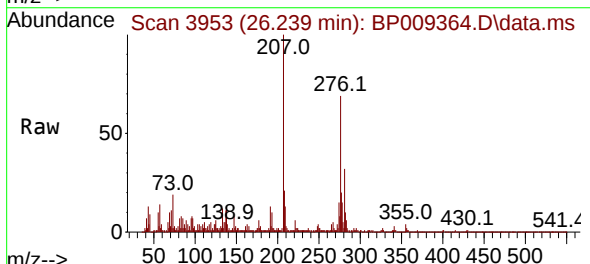
Instrument :
BNA_P
ClientSampleId :
VNJ-232

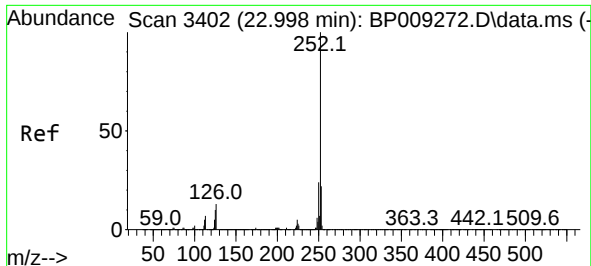
Tgt Ion:264 Resp: 2227952
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.0
265 22.1 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.600 ng
RT: 26.239 min Scan# 3953
Delta R.T. -0.006 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Tgt Ion:276 Resp: 450043
Ion Ratio Lower Upper
276 100
138 19.4 20.5 30.7#
277 26.1 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 7.381 ng

RT: 23.004 min Scan# 3403

Delta R.T. 0.006 min

Lab File: BP009364.D

Acq: 11 Mar 2022 14:44

Instrument :

BNA_P

ClientSampleId :

VNJ-232

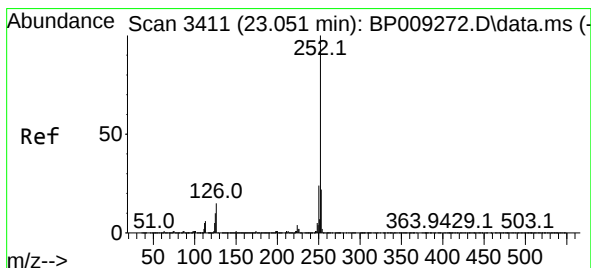
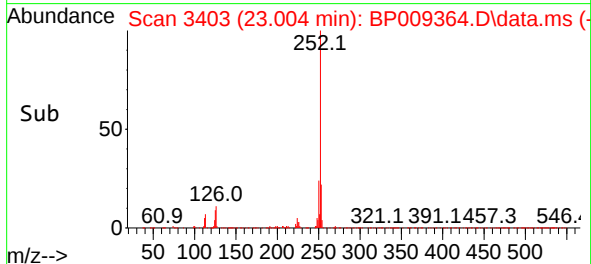
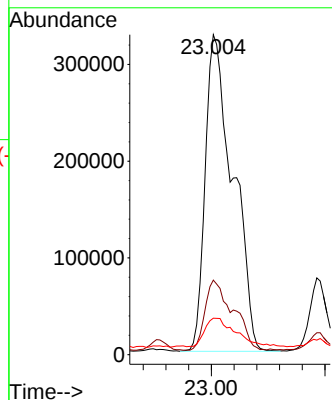
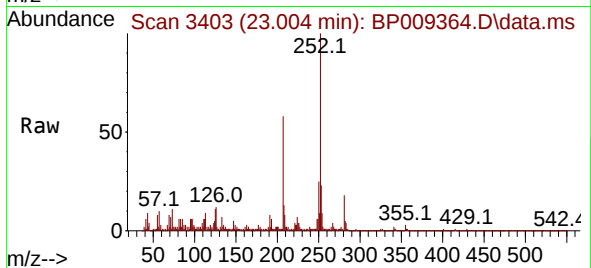
Tgt Ion:252 Resp: 1110325

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 11.4 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 7.726 ng

RT: 23.004 min Scan# 3403

Delta R.T. -0.047 min

Lab File: BP009364.D

Acq: 11 Mar 2022 14:44

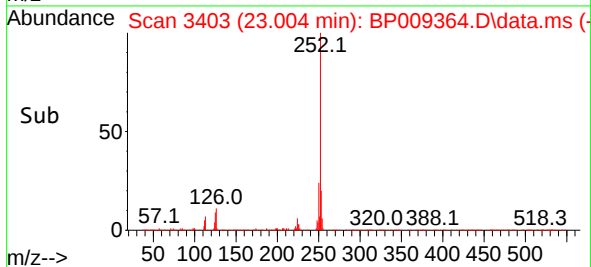
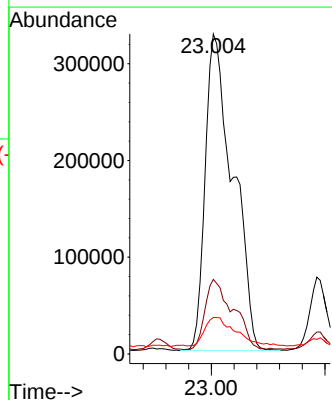
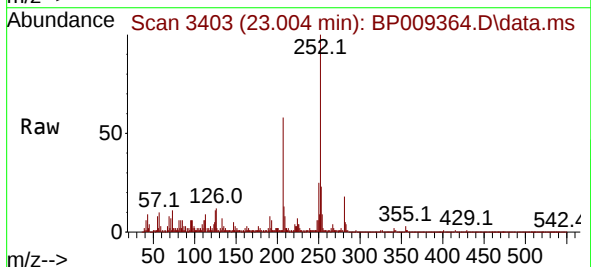
Tgt Ion:252 Resp: 1110325

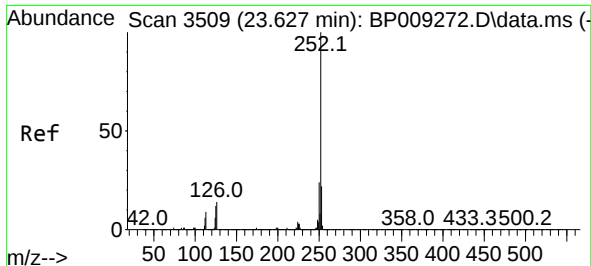
Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 11.4 8.3 12.5

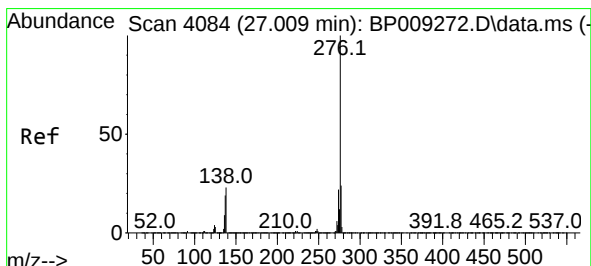
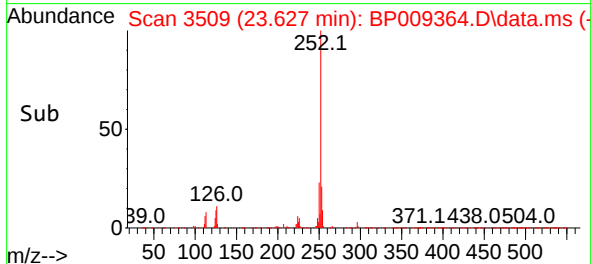
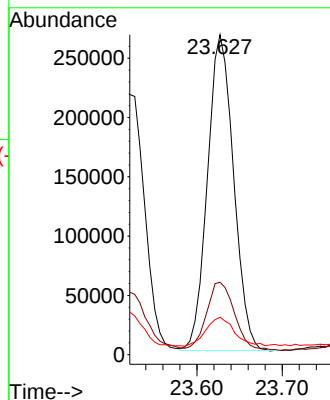
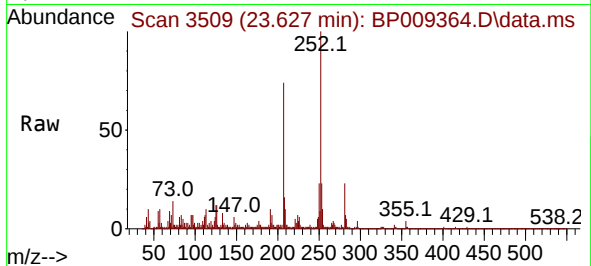




#90
Benzo(a)pyrene
Concen: 3.976 ng
RT: 23.627 min Scan# 3509
Delta R.T. -0.000 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Instrument :
BNA_P
ClientSampleId :
VNJ-232

Tgt Ion:252 Resp: 567323
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.7 9.3 13.9



#92
Benzo(g,h,i)perylene
Concen: 3.211 ng
RT: 27.009 min Scan# 4084
Delta R.T. -0.000 min
Lab File: BP009364.D
Acq: 11 Mar 2022 14:44

Tgt Ion:276 Resp: 465645
Ion Ratio Lower Upper
276 100
277 29.8 19.2 28.8#
138 18.2 18.0 27.0

