

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009403.D
 Acq On : 15 Mar 2022 17:57
 Operator : CG/JU
 Sample : N1912-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242

Quant Time: Mar 16 01:57:27 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)

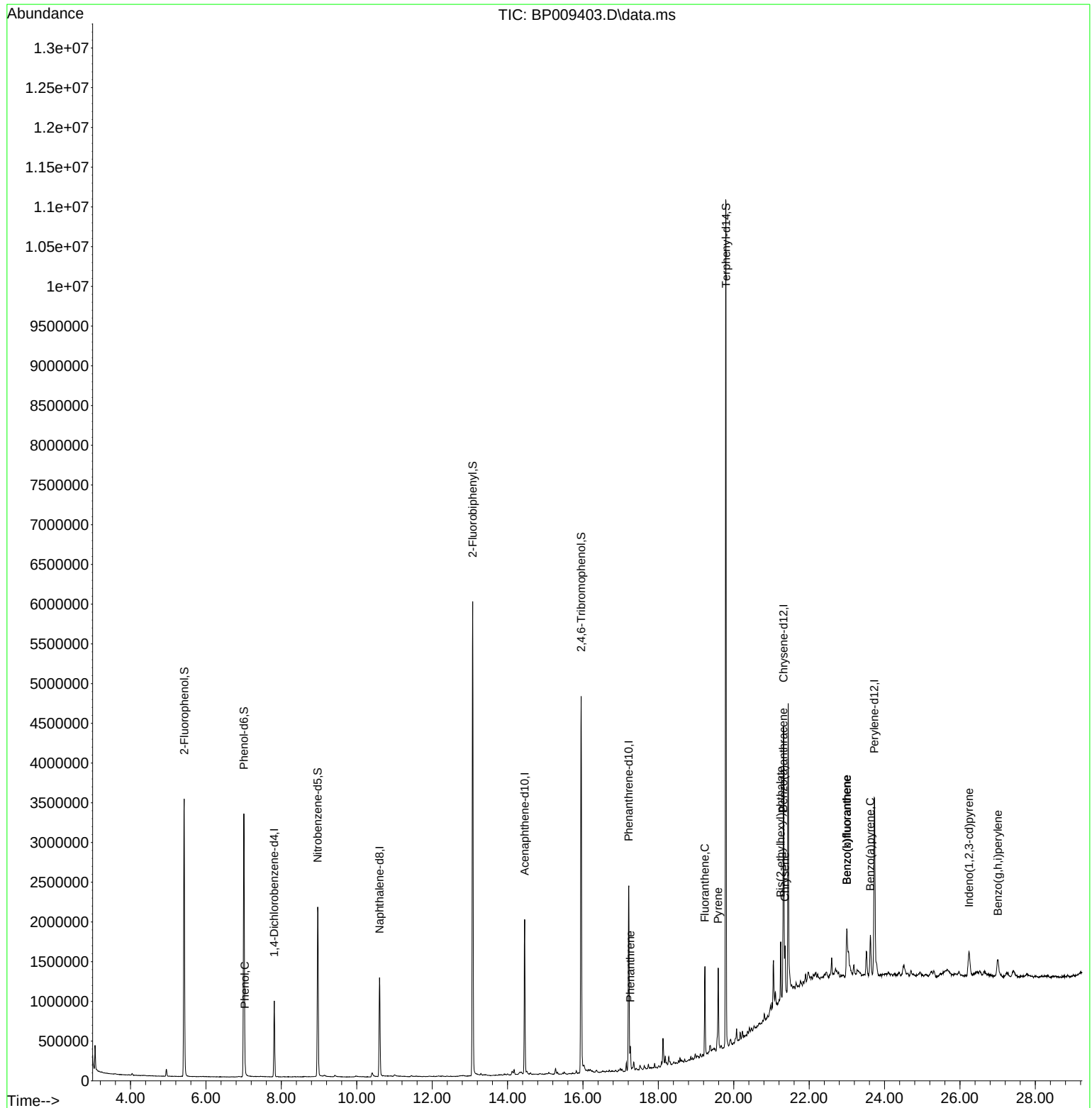
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	286716	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1164426	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	754687	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	1607745	20.000	ng	0.00
76) Chrysene-d12	21.322	240	1707787	20.000	ng	0.00
86) Perylene-d12	23.727	264	1899295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1768595	90.040	ng	0.01
7) Phenol-d6	7.005	99	2220688	88.965	ng	0.02
23) Nitrobenzene-d5	8.963	82	1419825	67.159	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	1211746	132.971	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3450433	62.875	ng	-0.01
79) Terphenyl-d14	19.792	244	5686658	62.838	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.034	94	55829	2.160	ng	89
71) Phenanthrene	17.257	178	188567	2.041	ng	99
75) Fluoranthene	19.233	202	706183	6.622	ng	99
78) Pyrene	19.586	202	655928	5.689	ng	99
81) Benzo(a)anthracene	21.310	228	441416	3.813	ng	96
83) Chrysene	21.357	228	377580	3.360	ng	98
84) Bis(2-ethylhexyl)phtha...	21.245	149	318046	4.778	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.239	276	338230	2.292	ng	# 90
88) Benzo(b)fluoranthene	22.998	252	591130	4.610	ng	98
89) Benzo(k)fluoranthene	22.998	252	591130	4.825	ng	97
90) Benzo(a)pyrene	23.621	252	431290	3.546	ng	96
92) Benzo(g,h,i)perylene	27.004	276	339044	2.743	ng	94

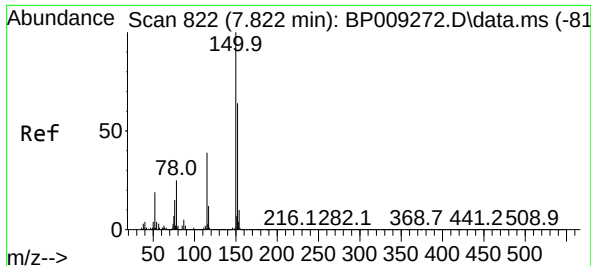
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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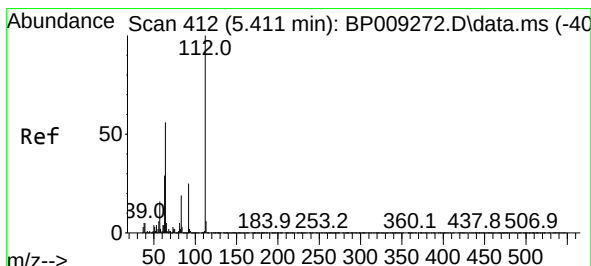
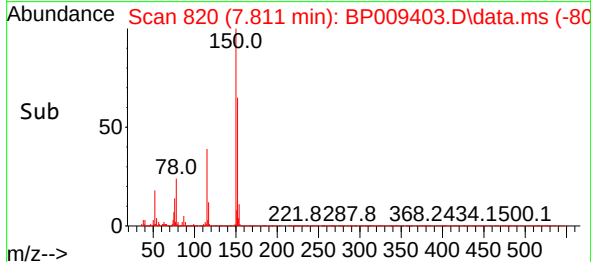
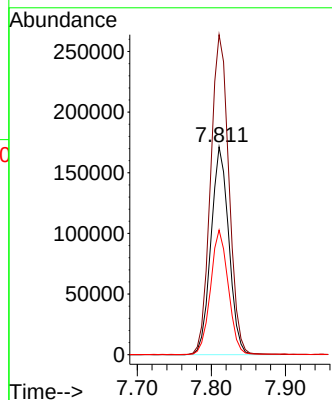
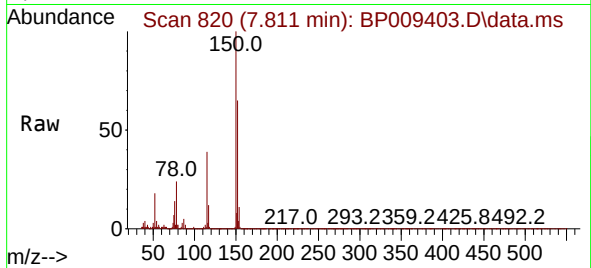




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

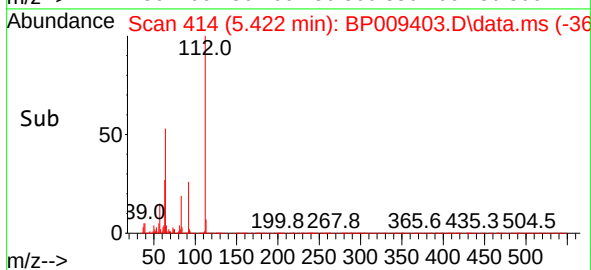
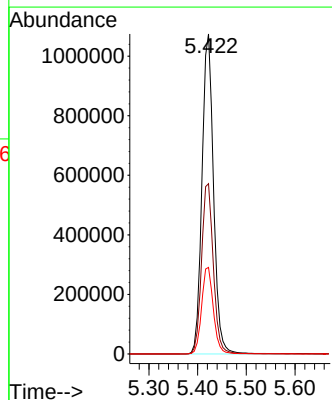
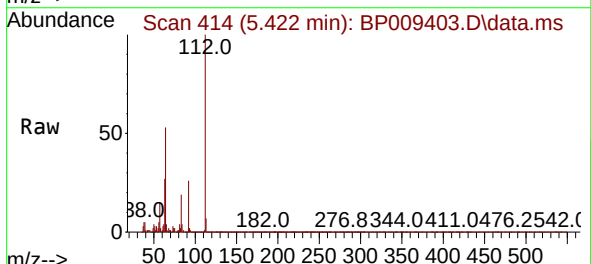
Instrument :
BNA_P
ClientSampleId :
VNJ-242

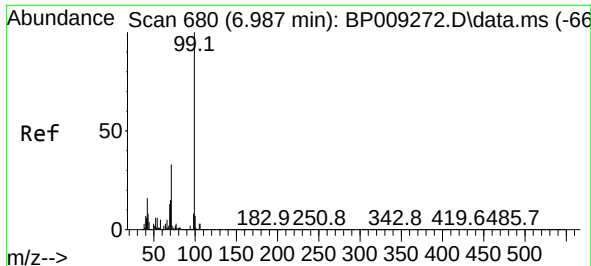
Tgt Ion:152 Resp: 286716
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 60.0 48.2 72.4



#5
2-Fluorophenol
Concen: 90.040 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Tgt Ion:112 Resp: 1768595
Ion Ratio Lower Upper
112 100
64 53.2 45.0 67.4
63 27.1 23.0 34.6



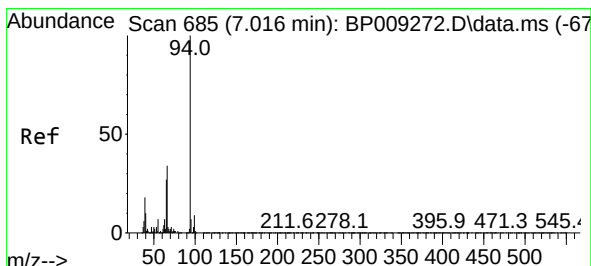
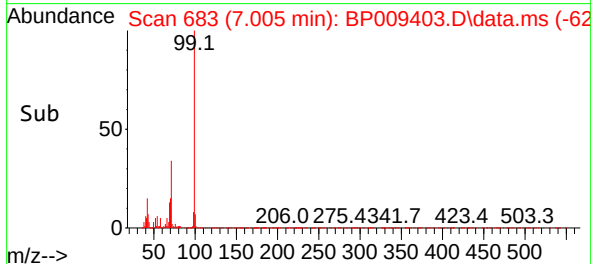
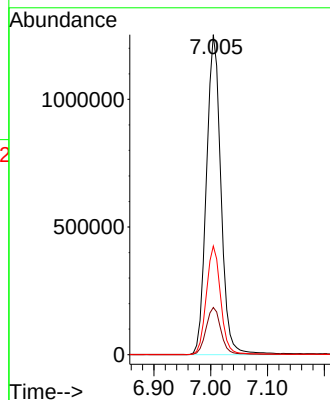
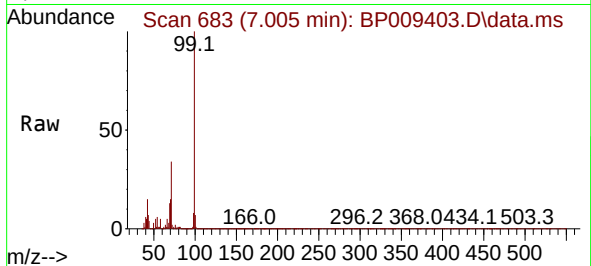


#7
Phenol-d6
Concen: 88.965 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Instrument :
BNA_P
ClientSampleId :
VNJ-242

Tgt Ion: 99 Resp: 2220688

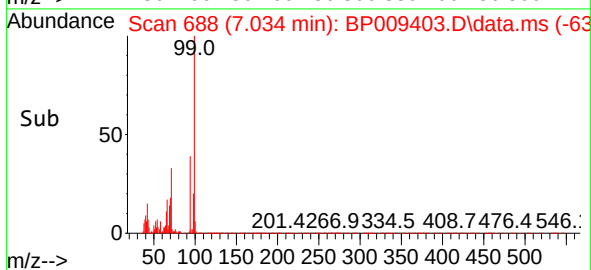
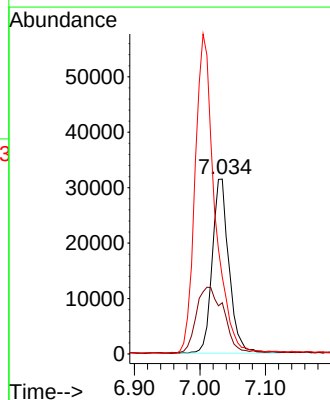
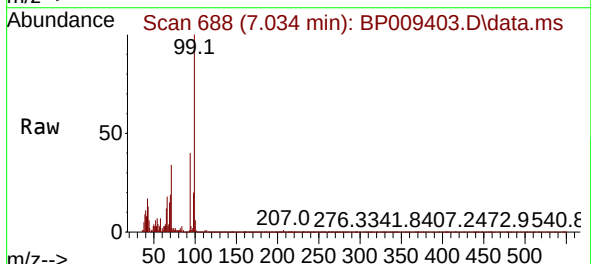
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.8	19.2
71	34.0	26.3	39.5

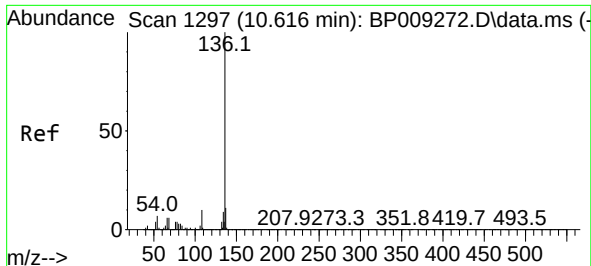


#10
Phenol
Concen: 2.160 ng
RT: 7.034 min Scan# 688
Delta R.T. 0.018 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Tgt Ion: 94 Resp: 55829

Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.2	47.2
66	44.0	14.3	54.3



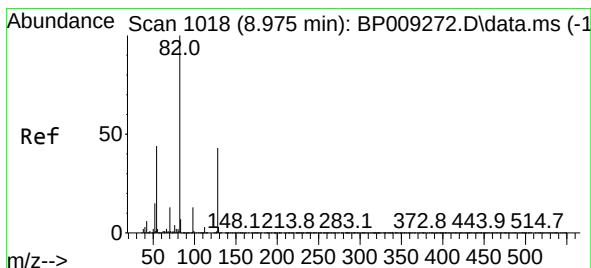
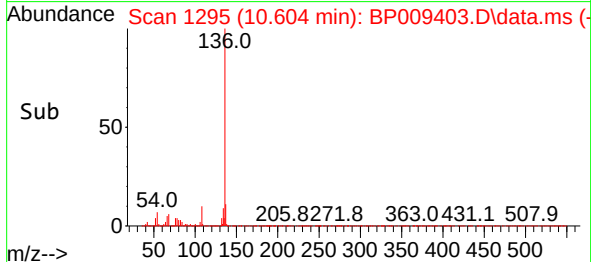
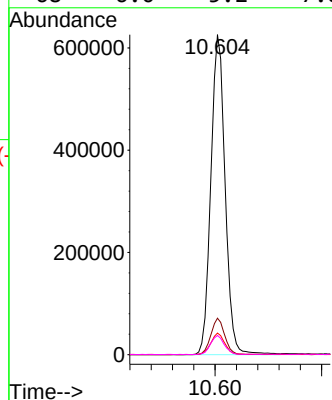
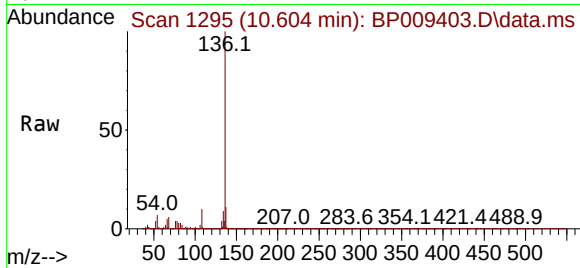


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Instrument :
BNA_P
ClientSampleId :
VNJ-242

Tgt Ion:136 Resp: 1164426

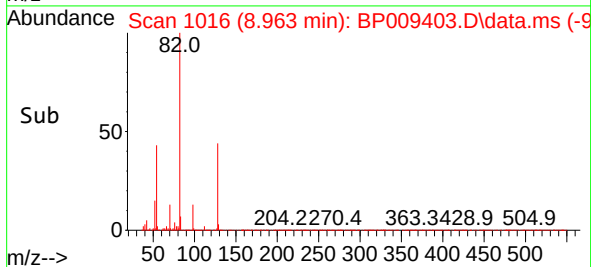
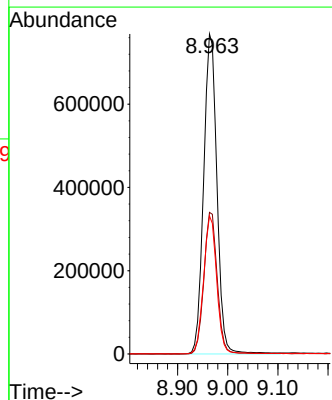
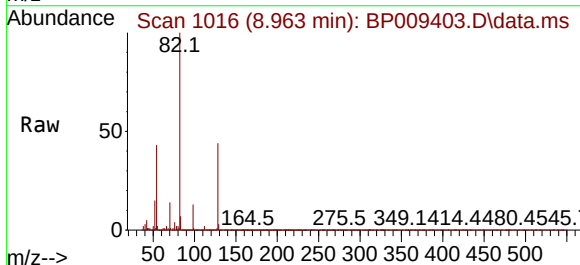
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	6.8	5.8	8.8
68	6.0	5.2	7.8

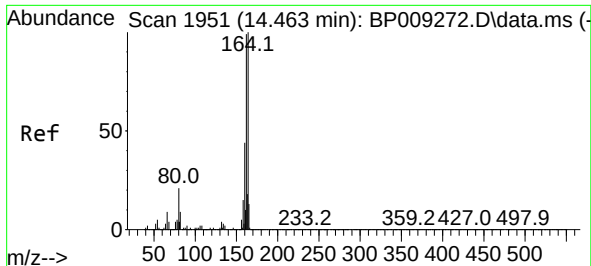


#23
Nitrobenzene-d5
Concen: 67.159 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Tgt Ion: 82 Resp: 1419825

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.4
54	43.1	34.7	52.1

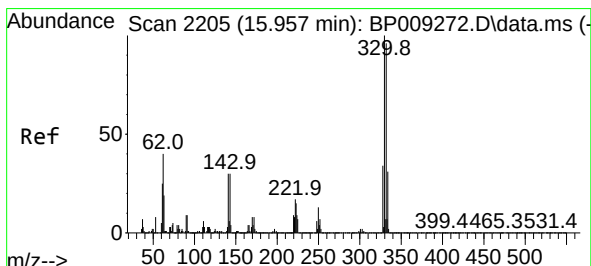
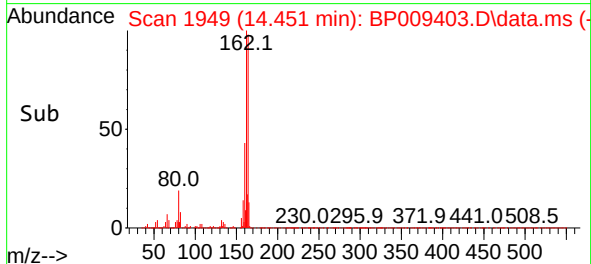
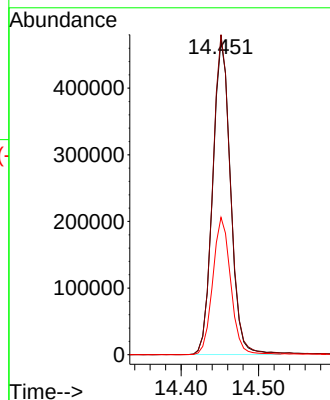
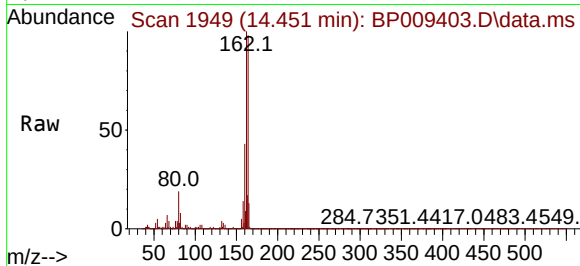




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

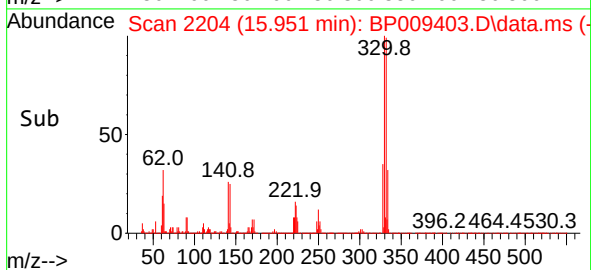
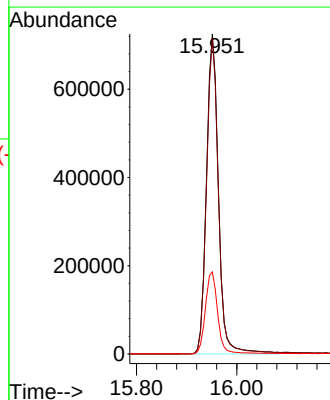
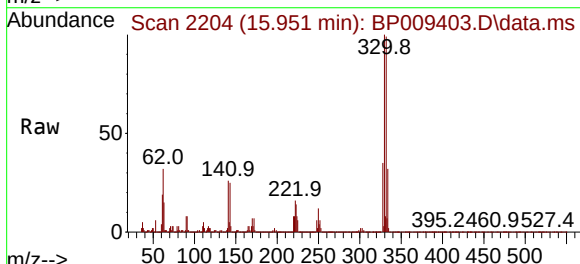
Instrument :
BNA_P
ClientSampleId :
VNJ-242

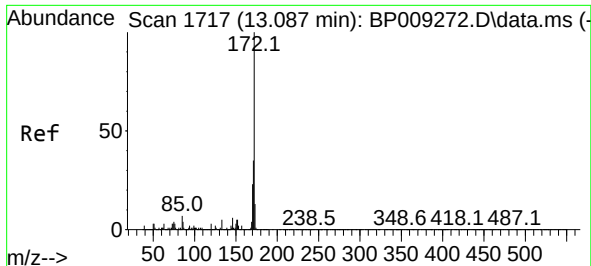
Tgt Ion:164 Resp: 754687
Ion Ratio Lower Upper
164 100
162 101.8 79.1 118.7
160 43.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 132.971 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Tgt Ion:330 Resp: 1211746
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.6
141 26.5 27.6 41.4#

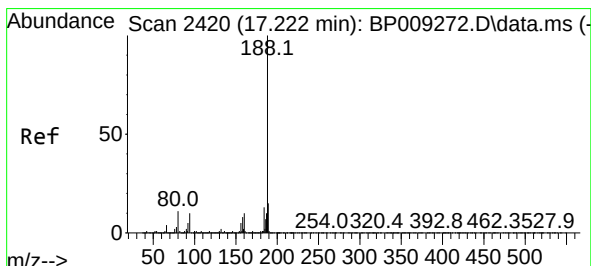
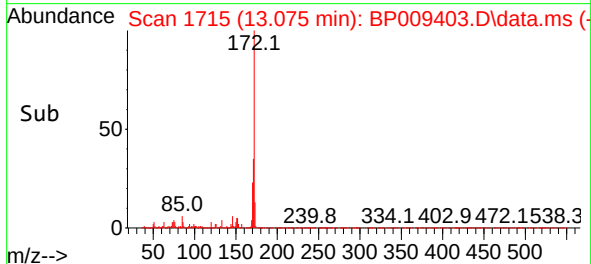
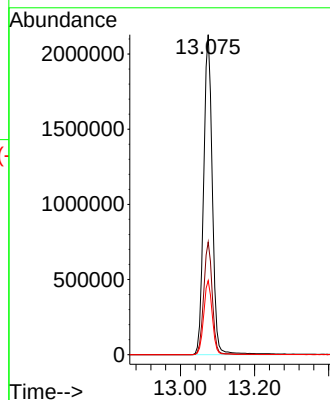
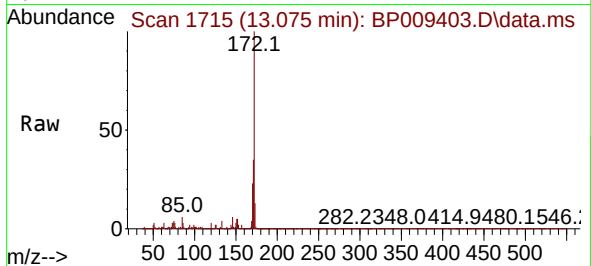




#45
2-Fluorobiphenyl
Concen: 62.875 ng
RT: 13.075 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

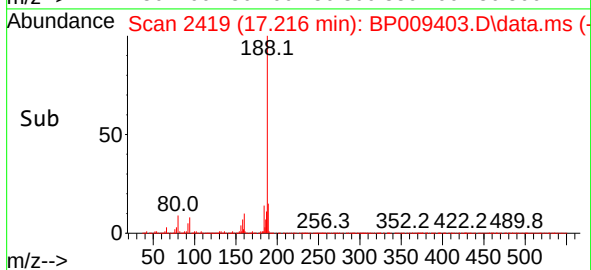
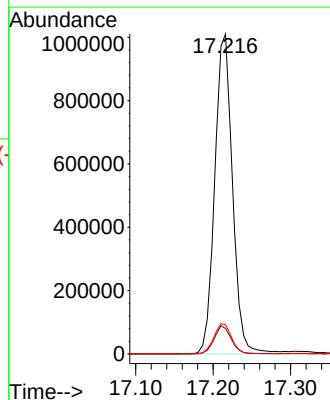
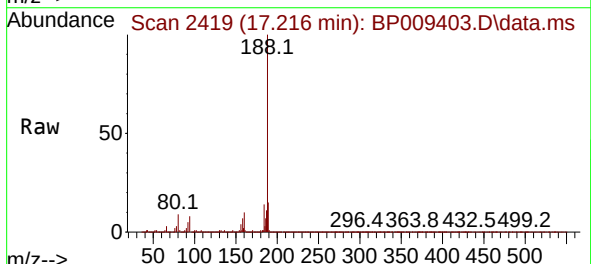
Instrument :
BNA_P
ClientSampleId :
VNJ-242

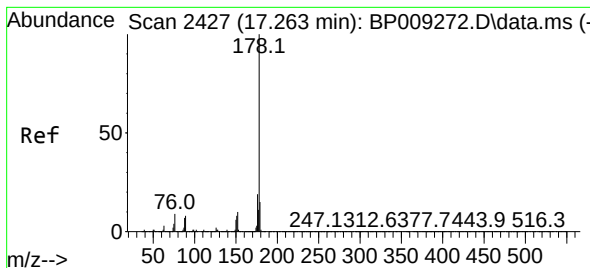
Tgt Ion:172 Resp: 3450433
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Tgt Ion:188 Resp: 1607745
Ion Ratio Lower Upper
188 100
94 7.9 7.9 11.9
80 9.1 8.8 13.2





#71

Phenanthrene

Concen: 2.041 ng

RT: 17.257 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP009403.D

Acq: 15 Mar 2022 17:57

Instrument :

BNA_P

ClientSampleId :

VNJ-242

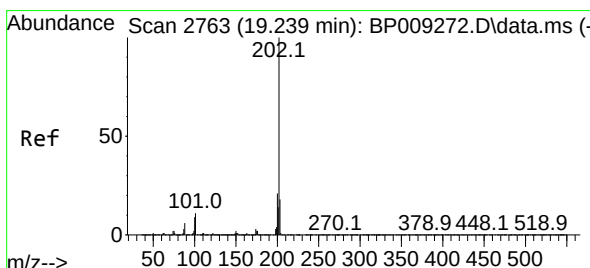
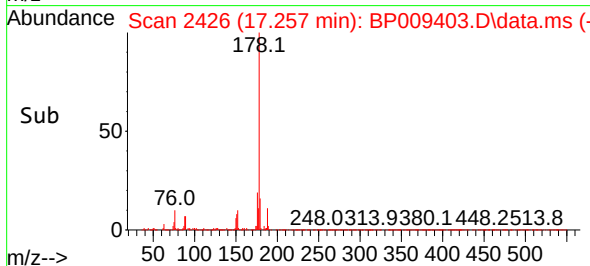
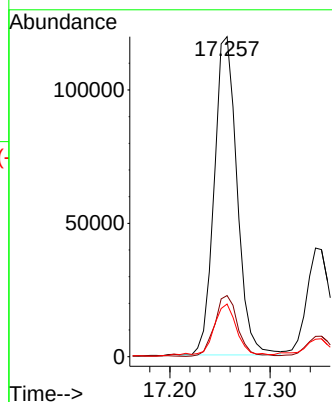
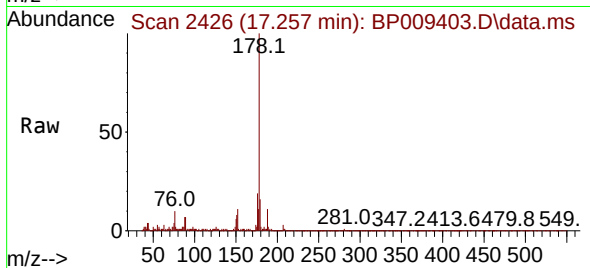
Tgt Ion:178 Resp: 188567

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 16.4 12.3 18.5



#75

Fluoranthene

Concen: 6.622 ng

RT: 19.233 min Scan# 2762

Delta R.T. -0.006 min

Lab File: BP009403.D

Acq: 15 Mar 2022 17:57

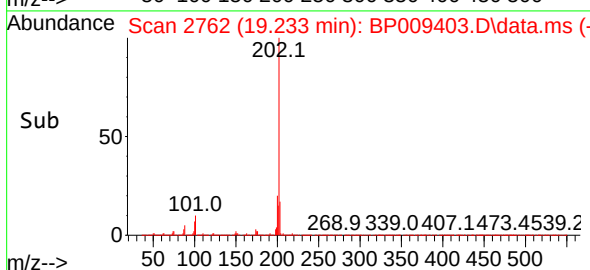
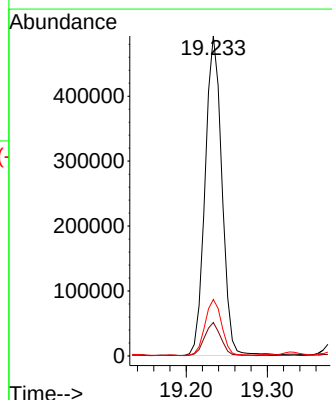
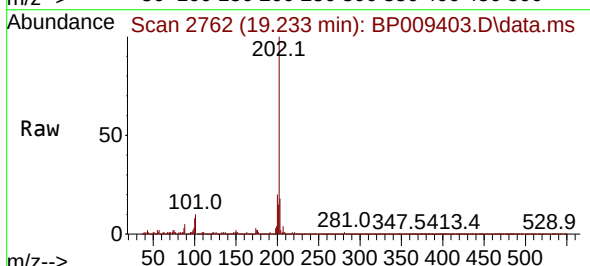
Tgt Ion:202 Resp: 706183

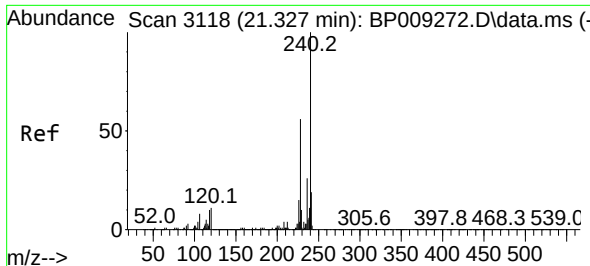
Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.5

203 17.6 0.0 37.8

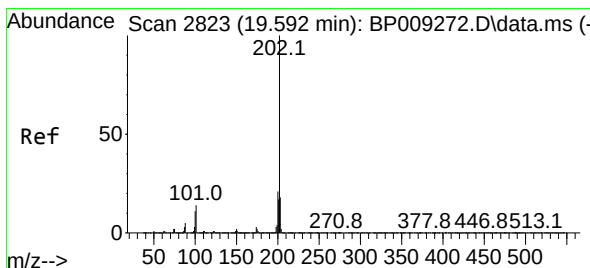
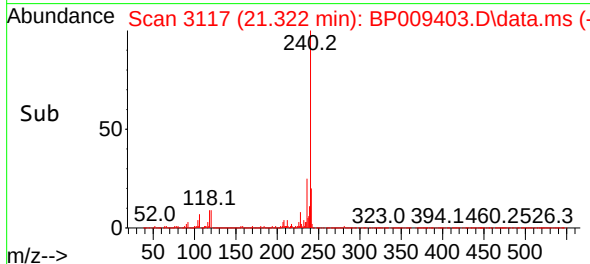
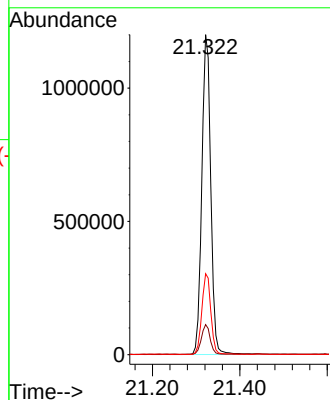
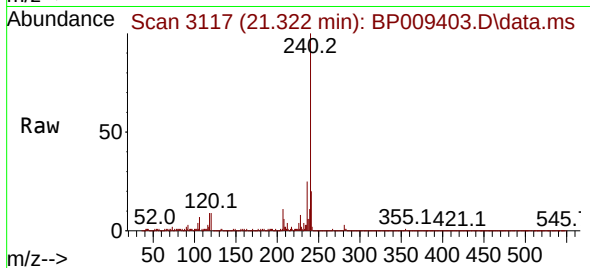




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

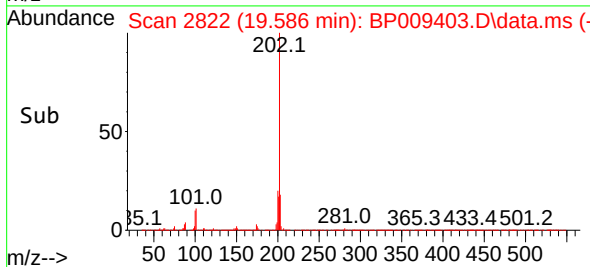
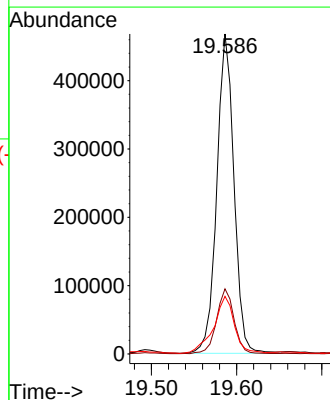
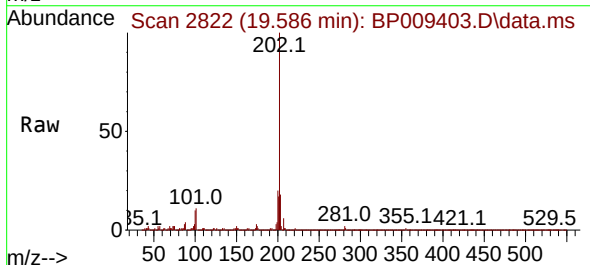
Instrument :
BNA_P
ClientSampleId :
VNJ-242

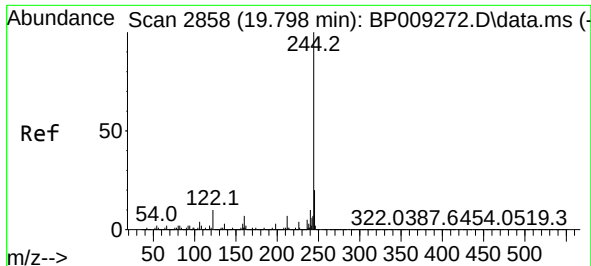
Tgt Ion:240 Resp: 1707787
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.4
236 25.3 20.6 30.8



#78
Pyrene
Concen: 5.689 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Tgt Ion:202 Resp: 655928
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 18.0 14.2 21.4

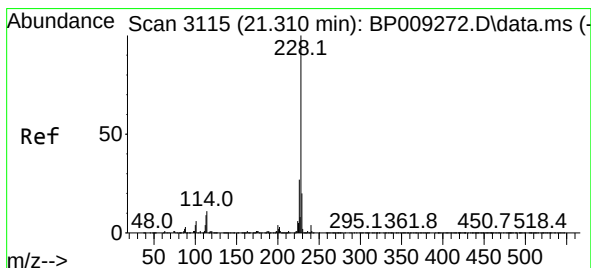
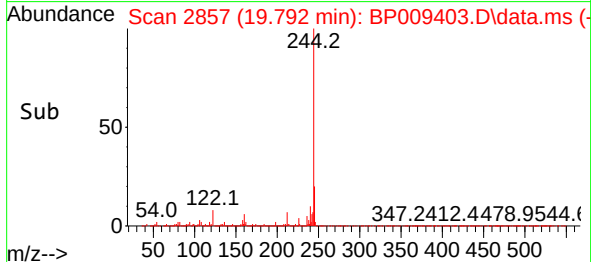
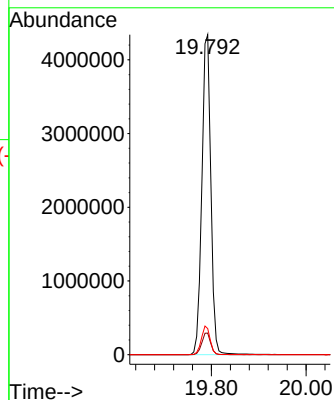
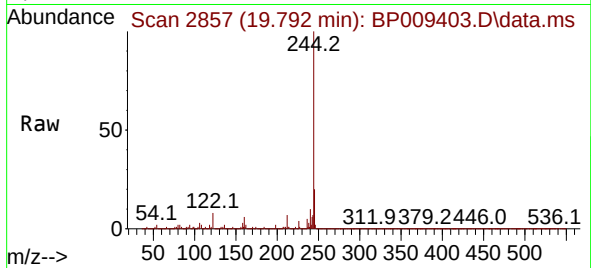




#79
 Terphenyl-d14
 Concen: 62.838 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009403.D
 Acq: 15 Mar 2022 17:57

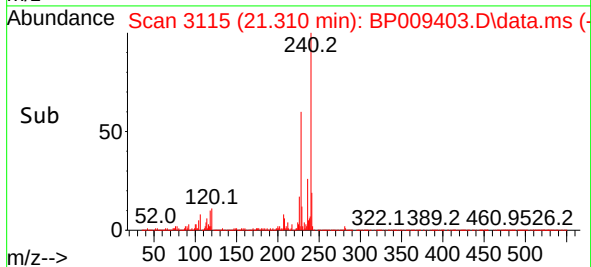
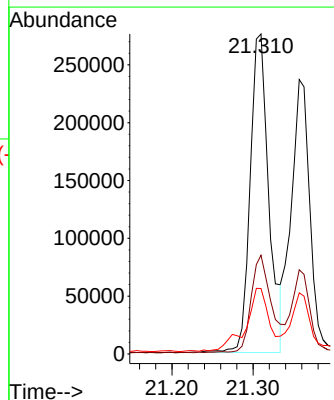
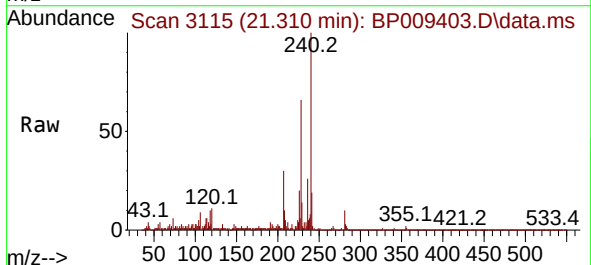
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-242

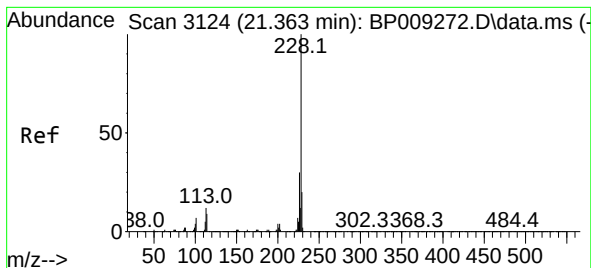
Tgt Ion:244 Resp: 5686658
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 8.1 8.3 12.5#



#81
 Benzo(a)anthracene
 Concen: 3.813 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. 0.000 min
 Lab File: BP009403.D
 Acq: 15 Mar 2022 17:57

Tgt Ion:228 Resp: 441416
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.0 33.0
 229 20.5 16.1 24.1





#83

Chrysene

Concen: 3.360 ng

RT: 21.357 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009403.D

Acq: 15 Mar 2022 17:57

Instrument :

BNA_P

ClientSampleId :

VNJ-242

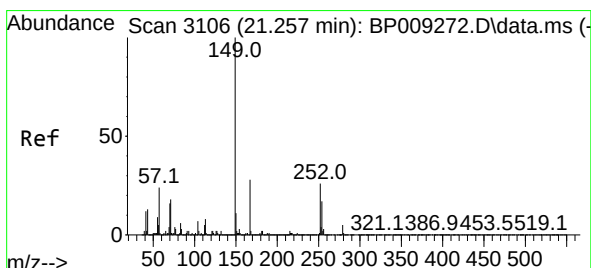
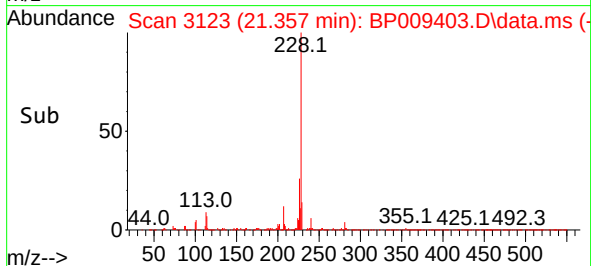
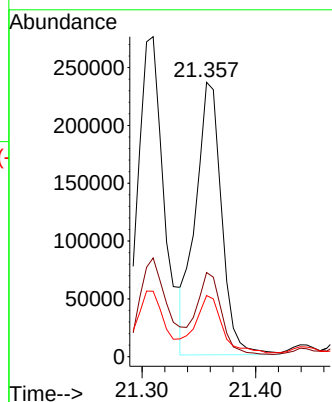
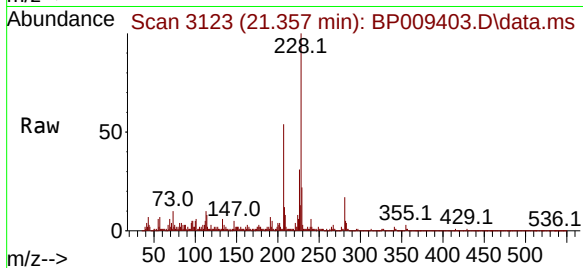
Tgt Ion:228 Resp: 377580

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 22.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.778 ng

RT: 21.245 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BP009403.D

Acq: 15 Mar 2022 17:57

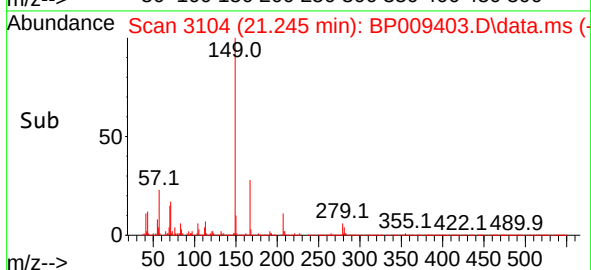
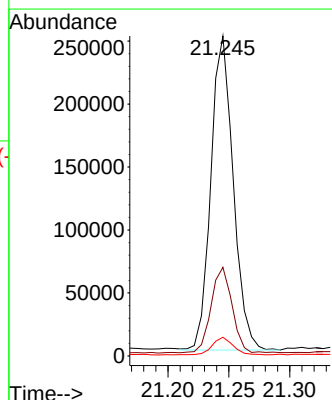
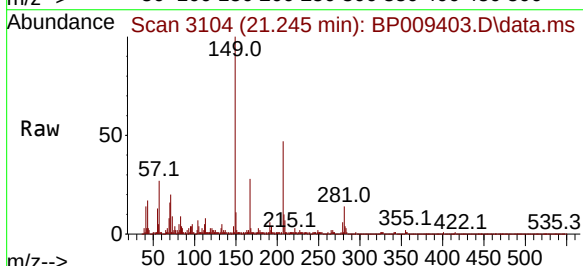
Tgt Ion:149 Resp: 318046

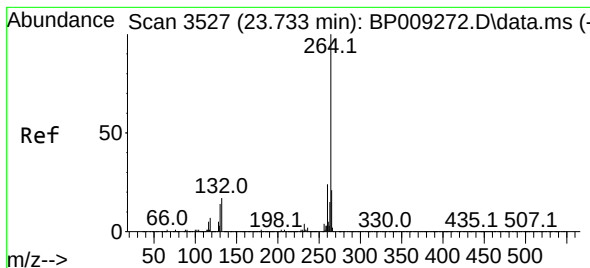
Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

279 5.8 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP009403.D

Acq: 15 Mar 2022 17:57

Instrument :

BNA_P

ClientSampleId :

VNJ-242

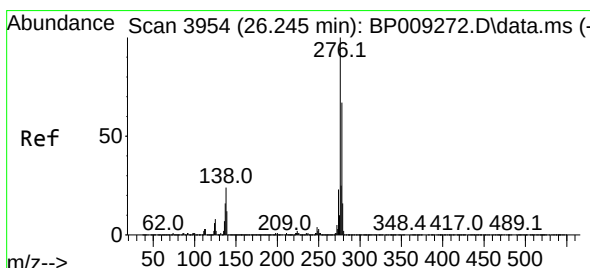
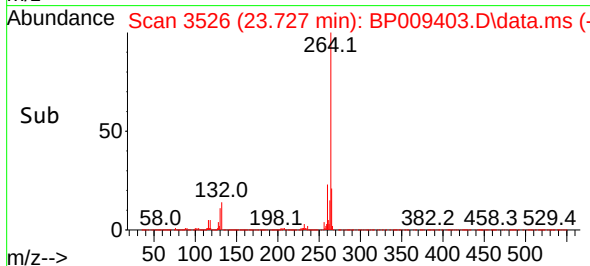
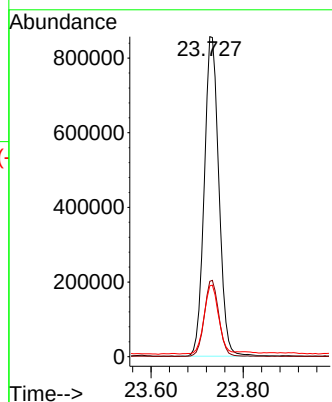
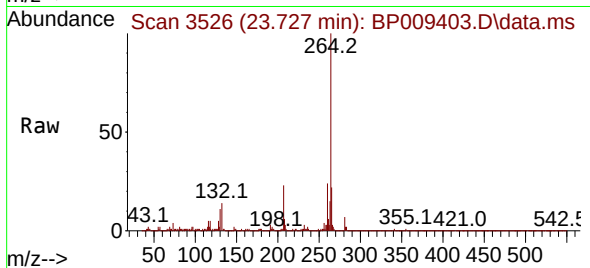
Tgt Ion:264 Resp: 1899295

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 22.2 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.292 ng

RT: 26.239 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP009403.D

Acq: 15 Mar 2022 17:57

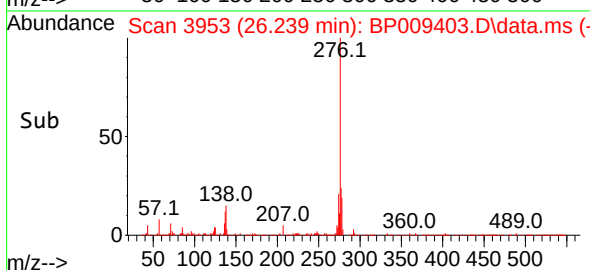
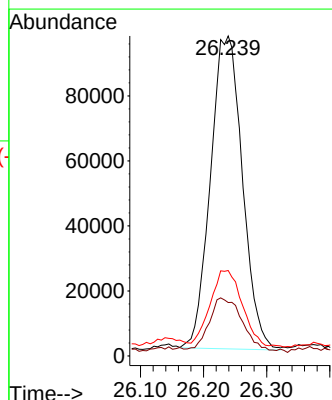
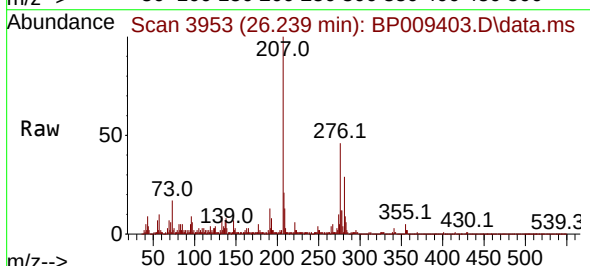
Tgt Ion:276 Resp: 338230

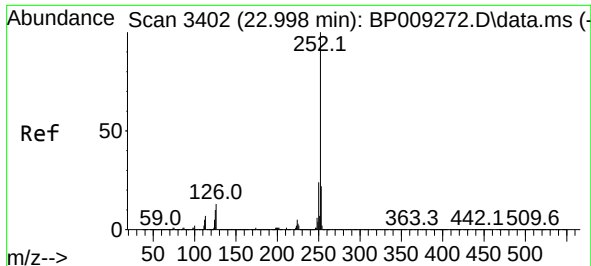
Ion Ratio Lower Upper

276 100

138 17.0 20.5 30.7#

277 23.8 20.4 30.6

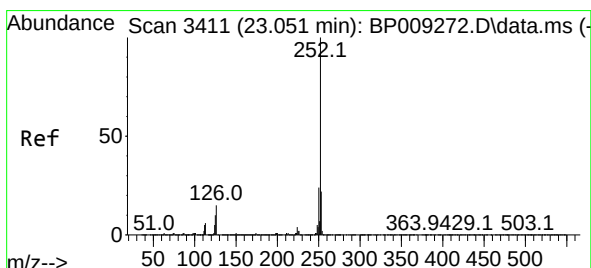
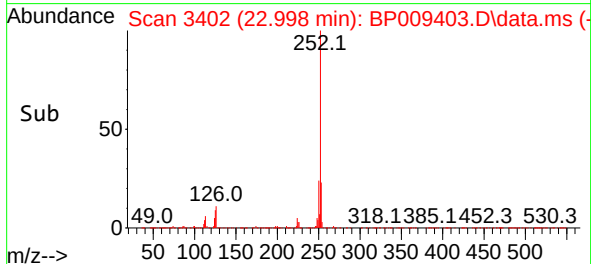
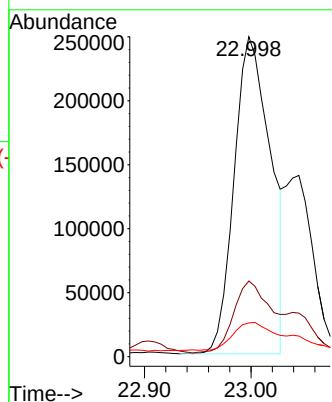
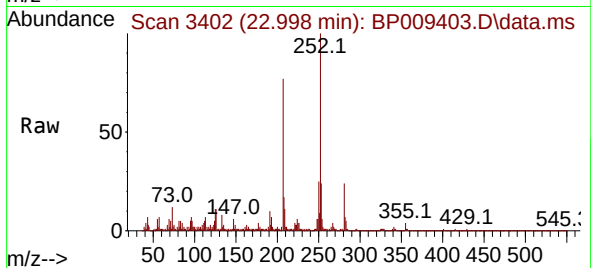




#88
Benzo(b)fluoranthene
Concen: 4.610 ng
RT: 22.998 min Scan# 3402
Delta R.T. 0.000 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

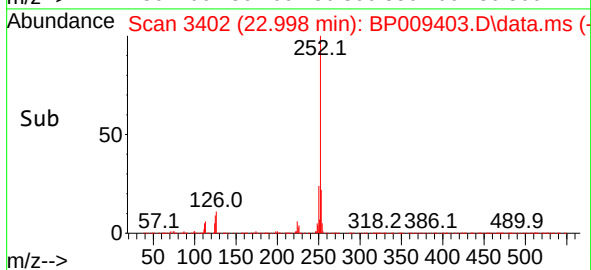
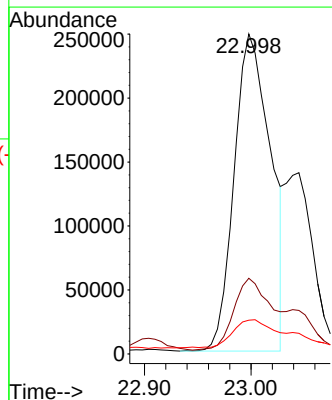
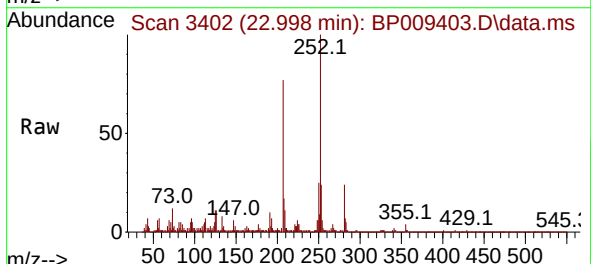
Instrument :
BNA_P
ClientSampleId :
VNJ-242

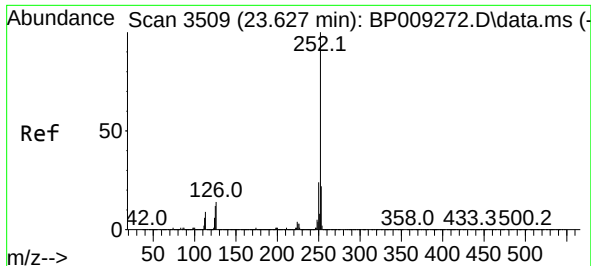
Tgt Ion:252 Resp: 591130
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.5 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 4.825 ng
RT: 22.998 min Scan# 3402
Delta R.T. -0.053 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Tgt Ion:252 Resp: 591130
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 10.5 8.3 12.5

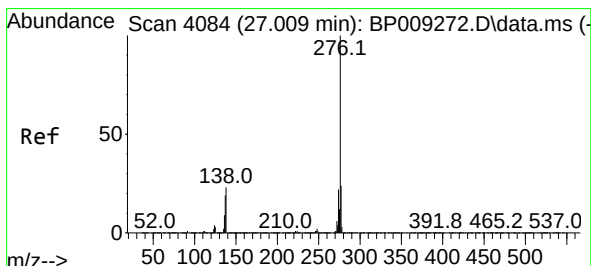
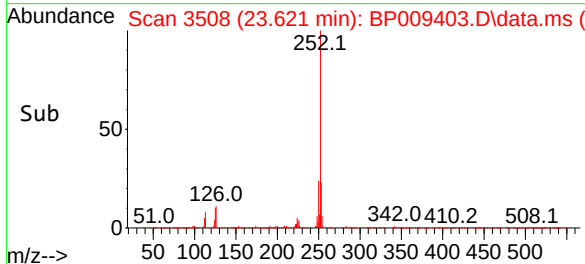
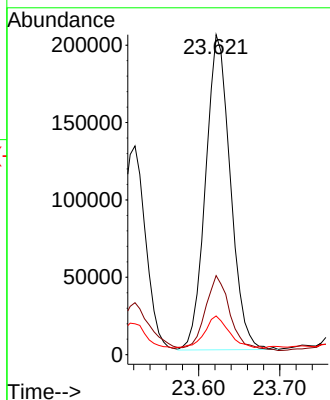
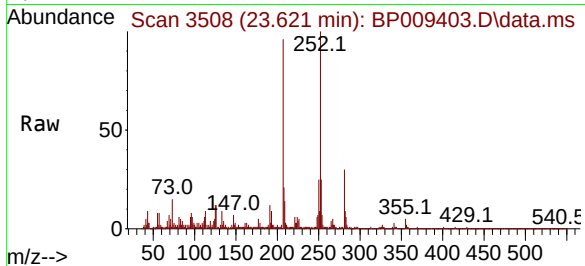




#90
Benzo(a)pyrene
Concen: 3.546 ng
RT: 23.621 min Scan# 3509
Delta R.T. -0.006 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Instrument :
BNA_P
ClientSampleId :
VNJ-242

Tgt Ion:252 Resp: 431290
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 12.1 9.3 13.9



#92
Benzo(g,h,i)perylene
Concen: 2.743 ng
RT: 27.004 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BP009403.D
Acq: 15 Mar 2022 17:57

Tgt Ion:276 Resp: 339044
Ion Ratio Lower Upper
276 100
277 25.9 19.2 28.8
138 18.7 18.0 27.0

