

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019873.D
 Acq On : 24 Feb 2024 21:28
 Operator : MA/JU
 Sample : P1572-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-202

Quant Time: Feb 26 00:16:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	75536	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	284733	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	207207	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	491183	20.000	ng	0.00
76) Chrysene-d12	21.409	240	492121	20.000	ng	-0.02
86) Perylene-d12	23.839	264	544309	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	306229	65.349	ng	0.00
7) Phenol-d6	7.075	99	432820	68.500	ng	0.00
23) Nitrobenzene-d5	9.069	82	322320	49.052	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	205661	67.979	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	780471	46.564	ng	0.00
79) Terphenyl-d14	19.874	244	1644107	54.942	ng	-0.02

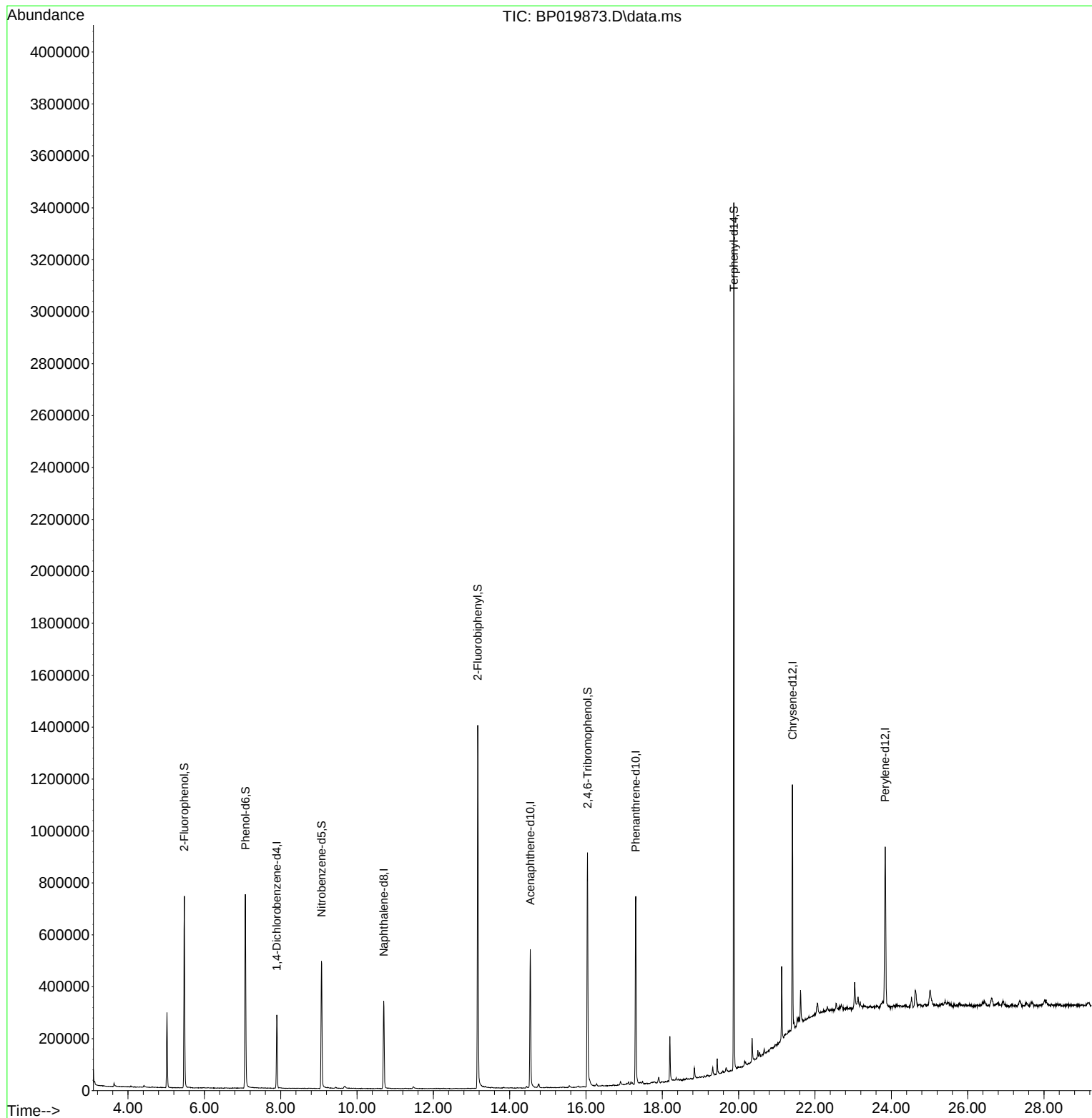
Target Compounds	Qvalue

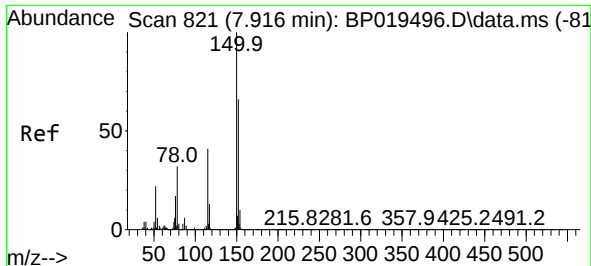
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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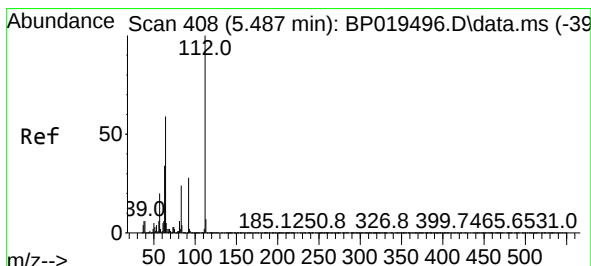
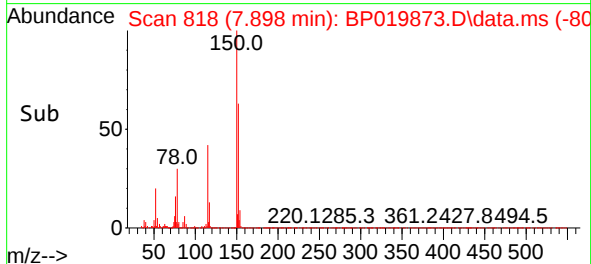
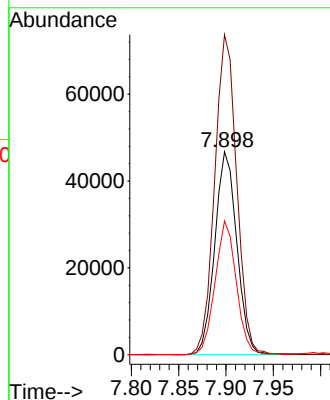
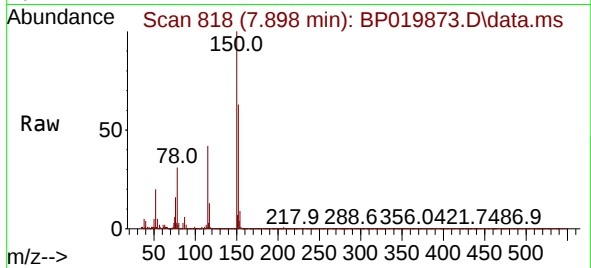




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP019873.D
Acq: 24 Feb 2024 21:28

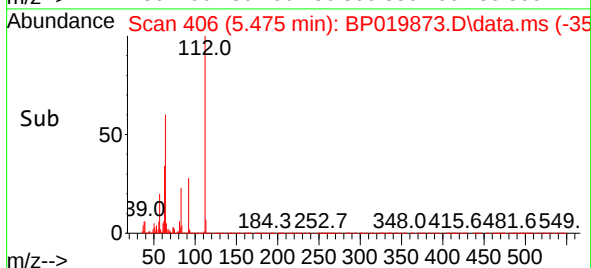
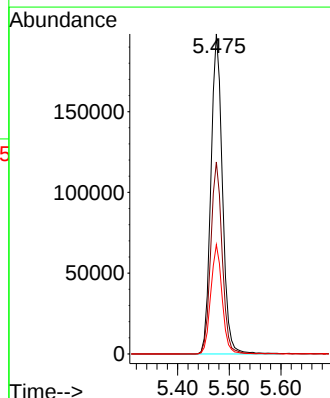
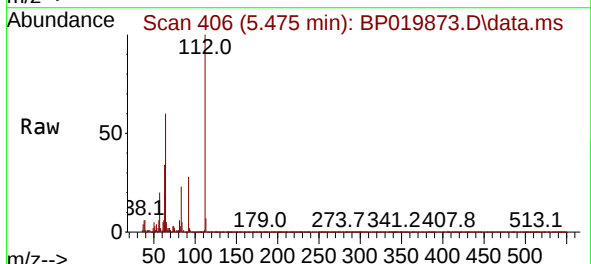
Instrument :
BNA_P
ClientSampleId :
VNJ-202

Tgt Ion:152 Resp: 75536
Ion Ratio Lower Upper
152 100
150 157.7 121.8 182.8
115 65.9 49.9 74.9



#5
2-Fluorophenol
Concen: 65.349 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019873.D
Acq: 24 Feb 2024 21:28

Tgt Ion:112 Resp: 306229
Ion Ratio Lower Upper
112 100
64 60.0 47.4 71.0
63 34.2 27.0 40.6

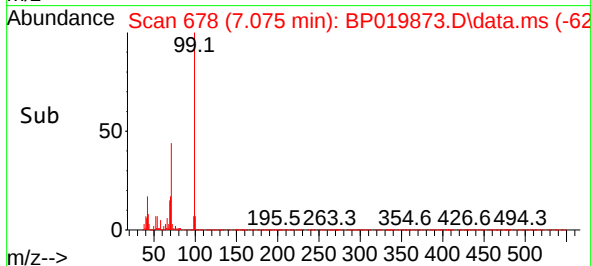
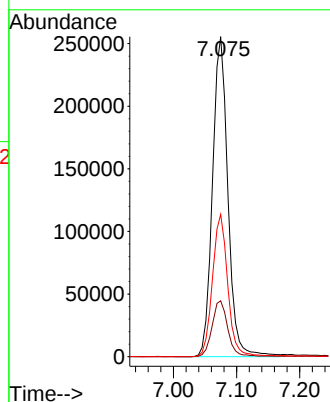
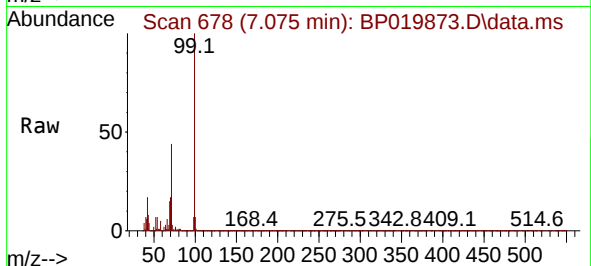




#7
Phenol-d6
Concen: 68.500 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019873.D
Acq: 24 Feb 2024 21:28

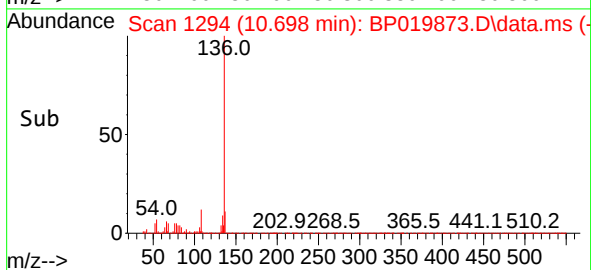
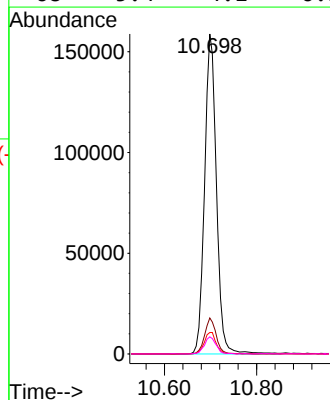
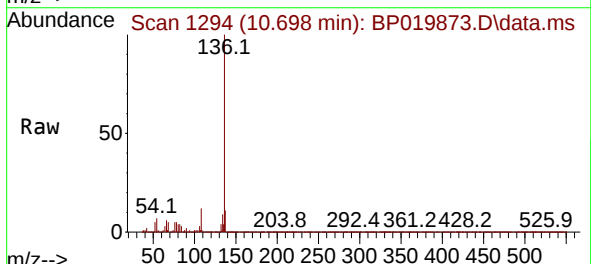
Instrument :
BNA_P
ClientSampleId :
VNJ-202

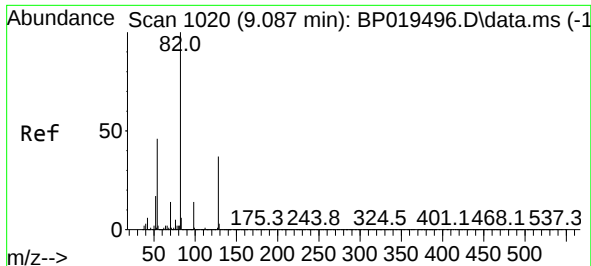
Tgt Ion: 99 Resp: 432820
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 44.4 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP019873.D
Acq: 24 Feb 2024 21:28

Tgt Ion:136 Resp: 284733
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.7 5.3 7.9
68 5.4 4.1 6.1

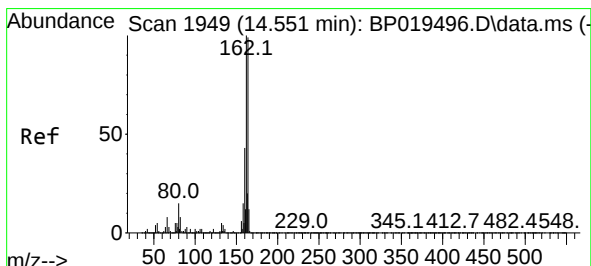
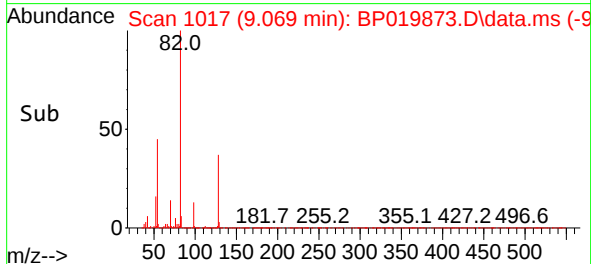
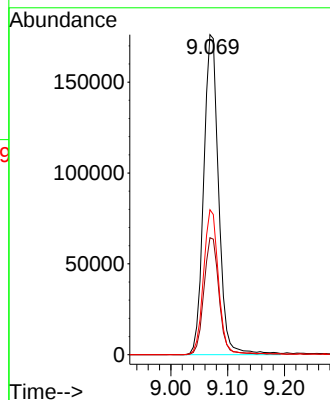
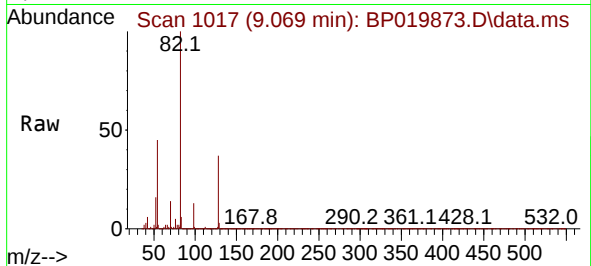




#23
Nitrobenzene-d5
Concen: 49.052 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019873.D
Acq: 24 Feb 2024 21:28

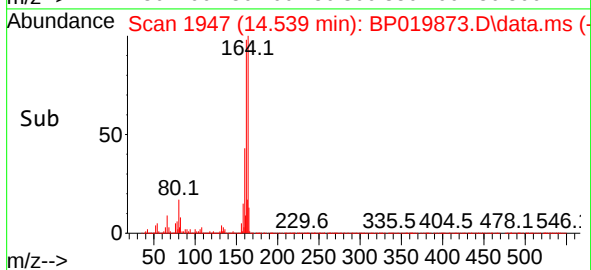
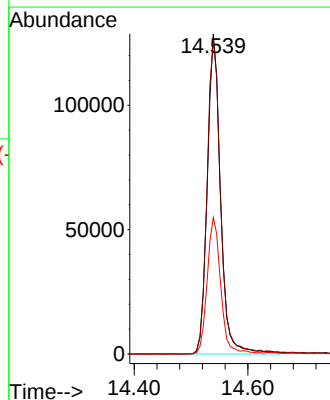
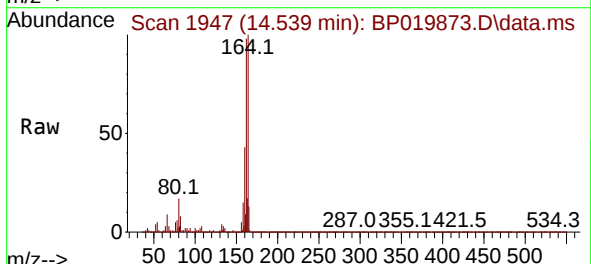
Instrument :
BNA_P
ClientSampleId :
VNJ-202

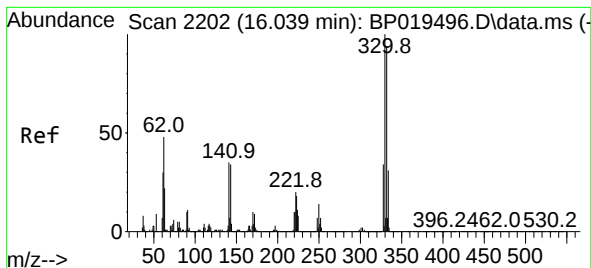
Tgt Ion: 82 Resp: 322320
Ion Ratio Lower Upper
82 100
128 36.6 29.7 44.5
54 45.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP019873.D
Acq: 24 Feb 2024 21:28

Tgt Ion: 164 Resp: 207207
Ion Ratio Lower Upper
164 100
162 98.0 81.2 121.8
160 42.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 67.979 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019873.D

Acq: 24 Feb 2024 21:28

Instrument :

BNA_P

ClientSampleId :

VNJ-202

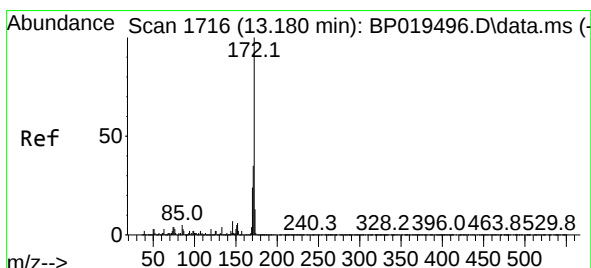
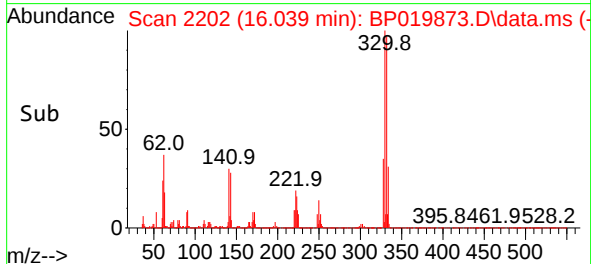
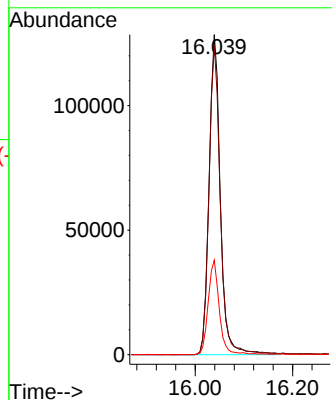
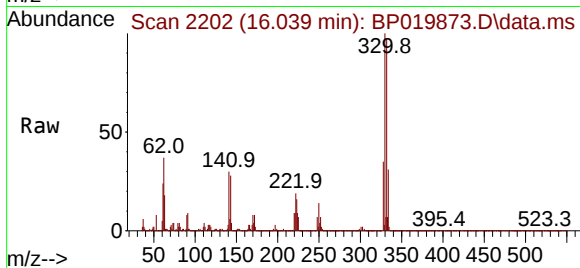
Tgt Ion:330 Resp: 205661

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 29.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 46.564 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019873.D

Acq: 24 Feb 2024 21:28

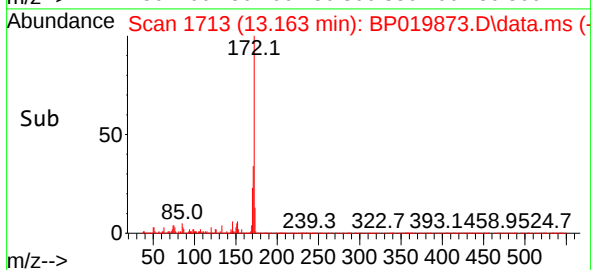
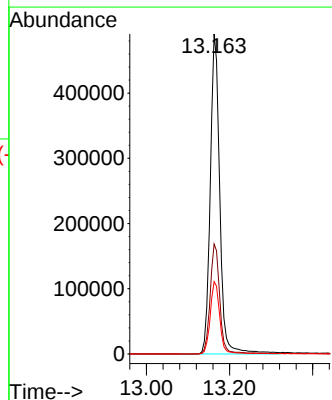
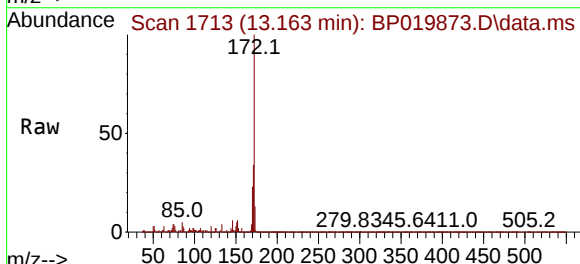
Tgt Ion:172 Resp: 780471

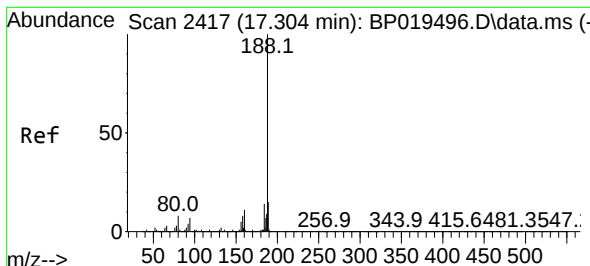
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.4

170 22.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP019873.D

Acq: 24 Feb 2024 21:28

Instrument :

BNA_P

ClientSampleId :

VNJ-202

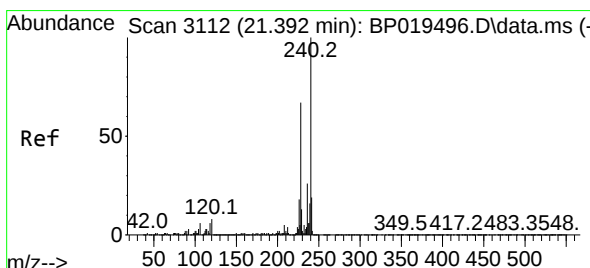
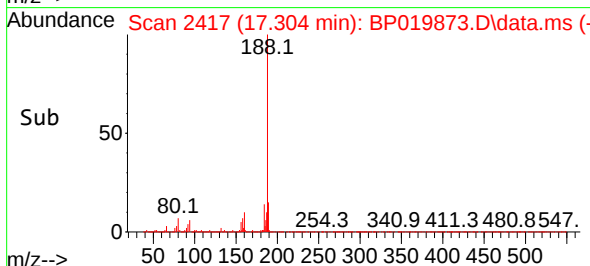
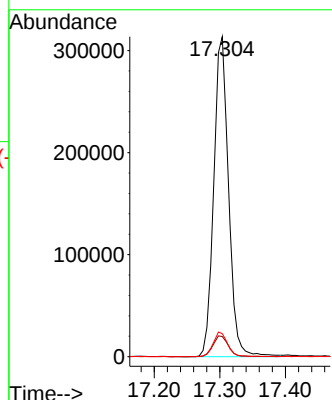
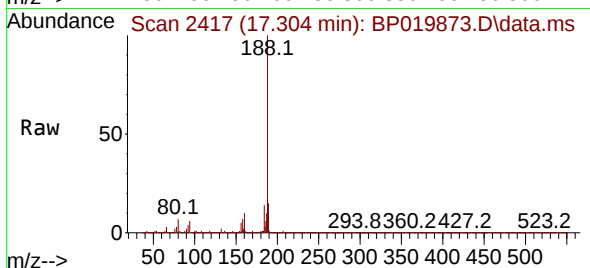
Tgt Ion:188 Resp: 491183

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 7.2 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3115

Delta R.T. -0.018 min

Lab File: BP019873.D

Acq: 24 Feb 2024 21:28

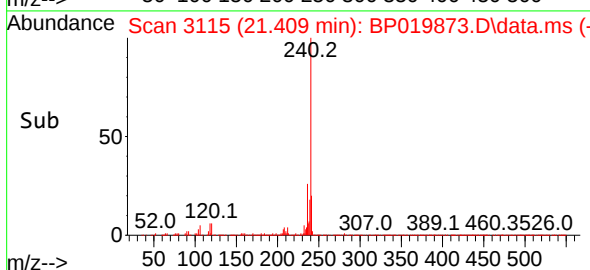
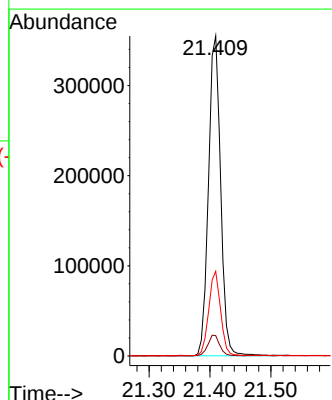
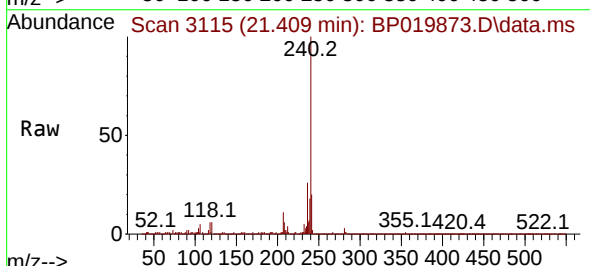
Tgt Ion:240 Resp: 492121

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 54.942 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP019873.D

Acq: 24 Feb 2024 21:28

Instrument :

BNA_P

ClientSampleId :

VNJ-202

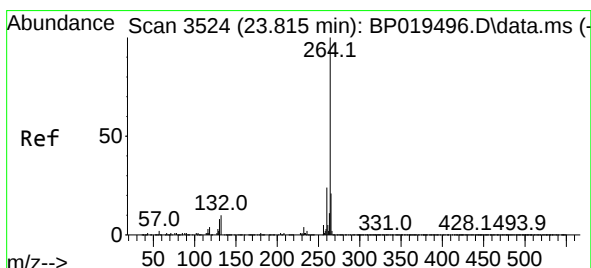
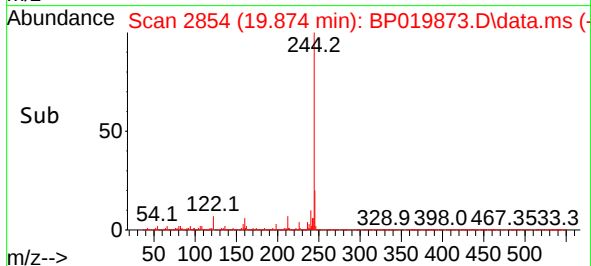
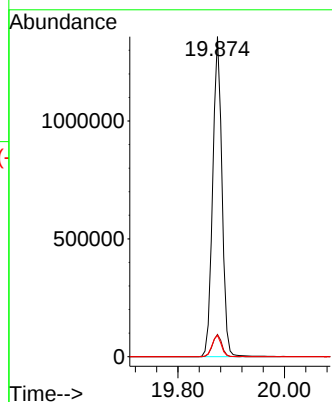
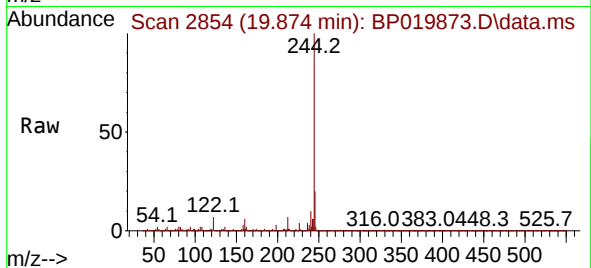
Tgt Ion:244 Resp: 1644107

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.7 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 3528

Delta R.T. -0.030 min

Lab File: BP019873.D

Acq: 24 Feb 2024 21:28

Tgt Ion:264 Resp: 544309

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.2 17.0 25.4

