

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019454.D
Acq On : 26 Jan 2024 19:02
Operator : MA/JU
Sample : P1240-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-232

Quant Time: Jan 27 00:16:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 23:43:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	60224	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	230564	20.000	ng	-0.01
39) Acenaphthene-d10	14.546	164	140500	20.000	ng	-0.01
64) Phenanthrene-d10	17.304	188	319481	20.000	ng	-0.01
76) Chrysene-d12	21.398	240	351398	20.000	ng	-0.01
86) Perylene-d12	23.827	264	422003	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	323911	84.616	ng	-0.01
7) Phenol-d6	7.081	99	433507	76.666	ng	-0.01
23) Nitrobenzene-d5	9.081	82	291058	56.854	ng	-0.02
42) 2,4,6-Tribromophenol	16.040	330	149007	81.894	ng	-0.01
45) 2-Fluorobiphenyl	13.181	172	545242	51.436	ng	-0.01
79) Terphenyl-d14	19.875	244	937589	43.745	ng	-0.01

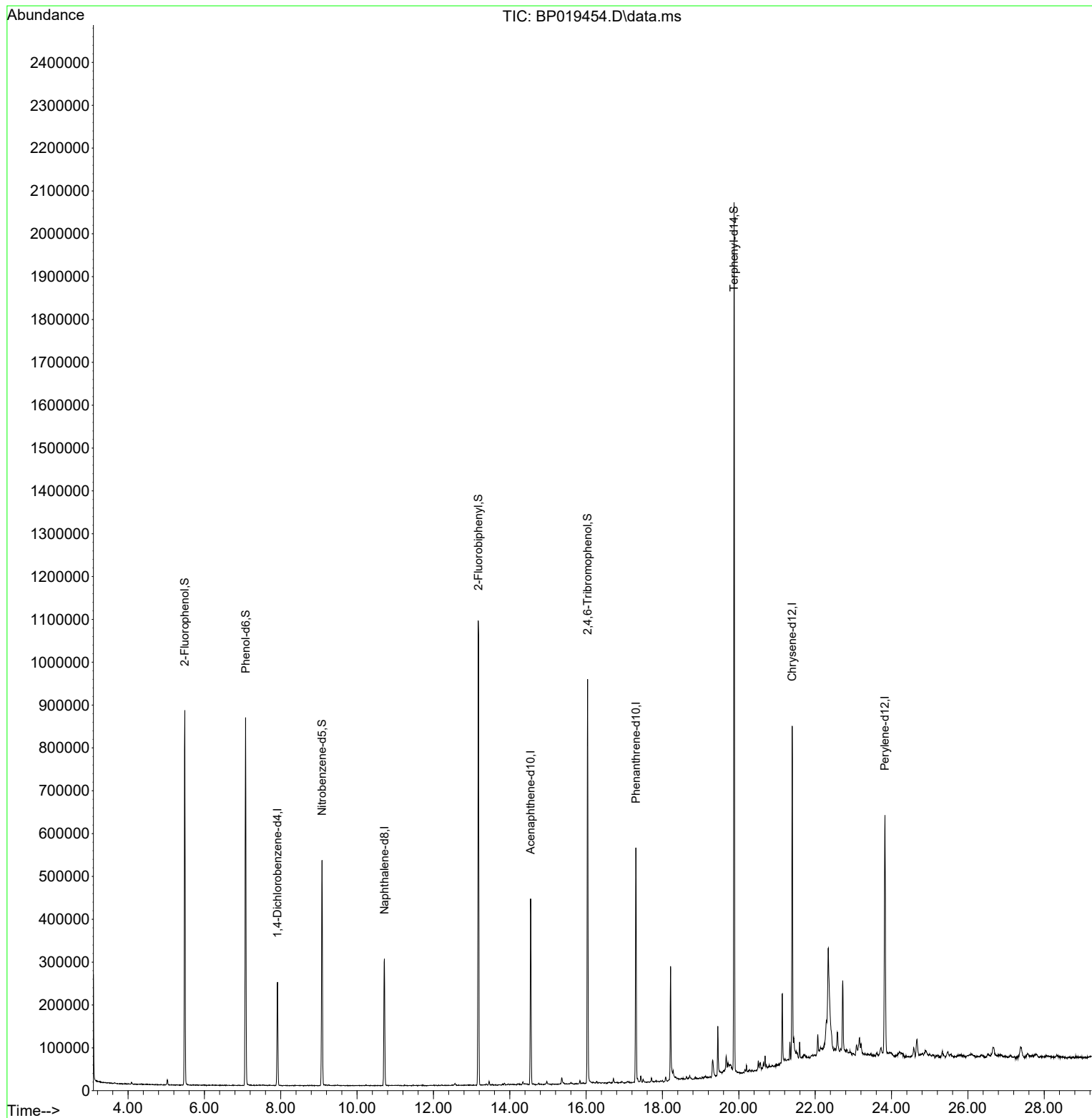
Target Compounds	Qvalue

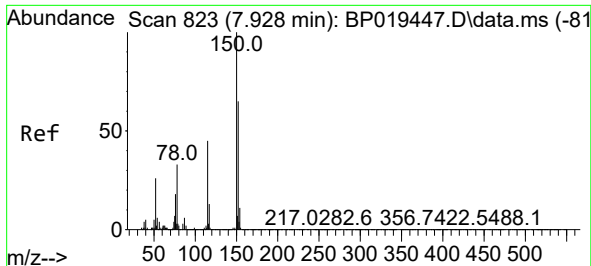
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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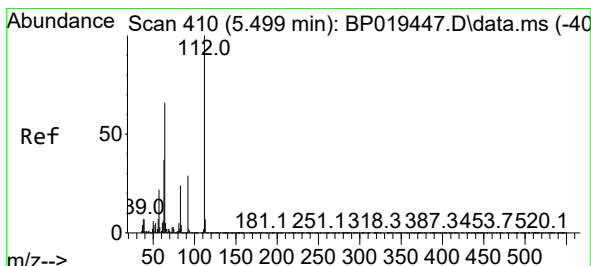
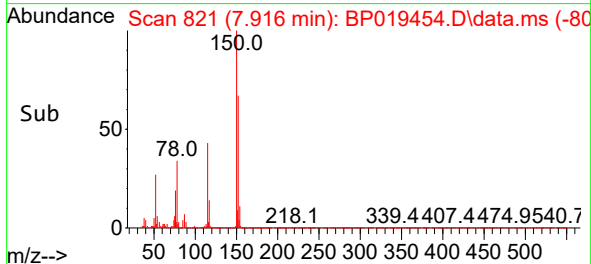
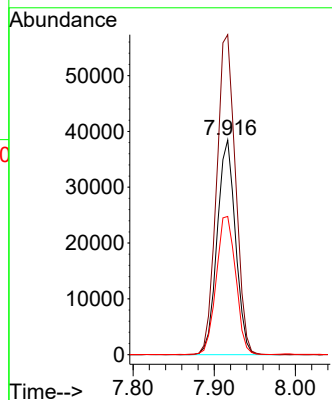
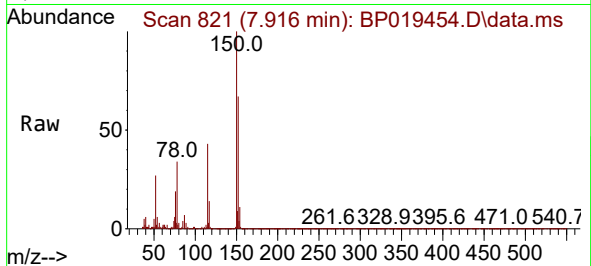




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

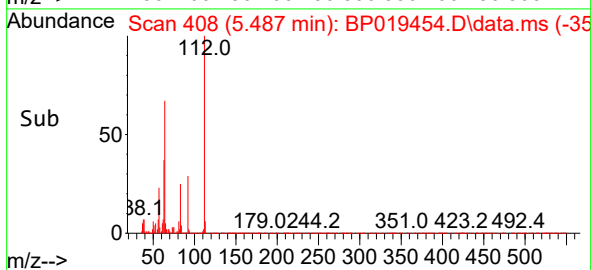
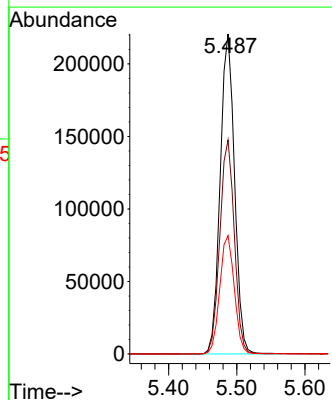
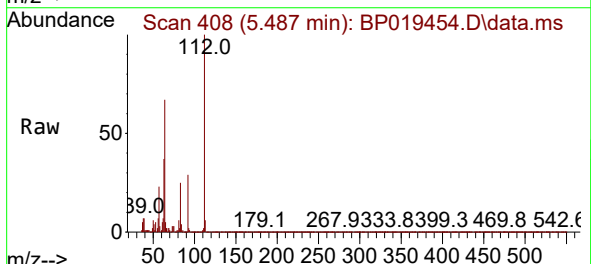
Instrument :
BNA_P
ClientSampleId :
VNJ-232

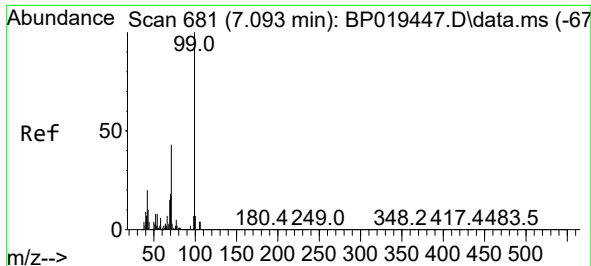
Tgt Ion:152 Resp: 60224
Ion Ratio Lower Upper
152 100
150 149.0 123.5 185.3
115 64.4 55.1 82.7



#5
2-Fluorophenol
Concen: 84.616 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

Tgt Ion:112 Resp: 323911
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 37.0 29.4 44.0

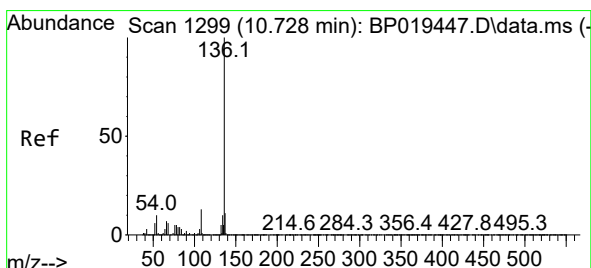
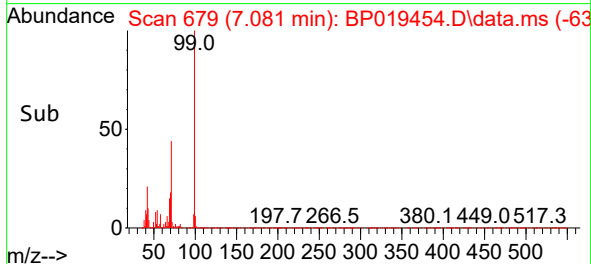
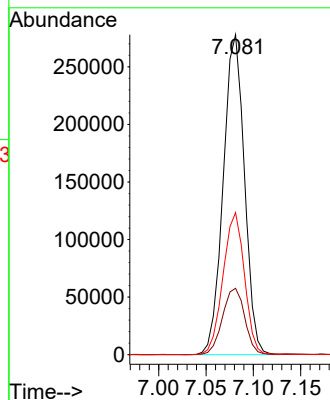
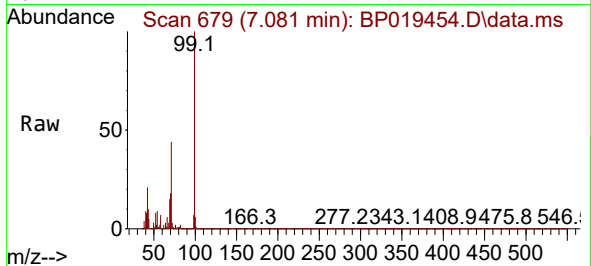




#7
Phenol-d6
Concen: 76.666 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

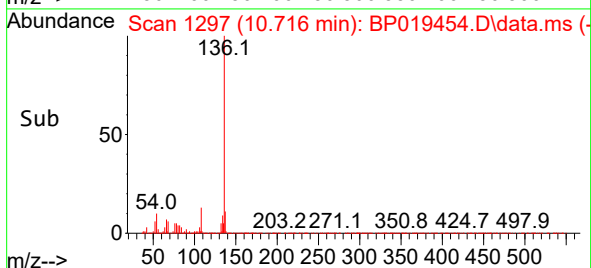
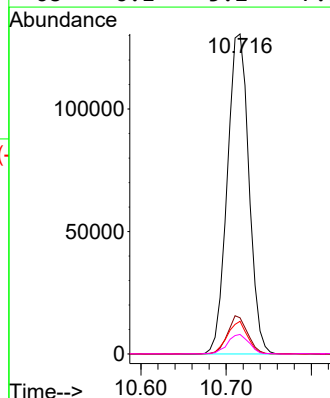
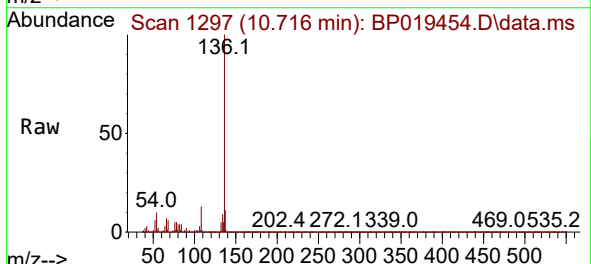
Instrument :
BNA_P
ClientSampleId :
VNJ-232

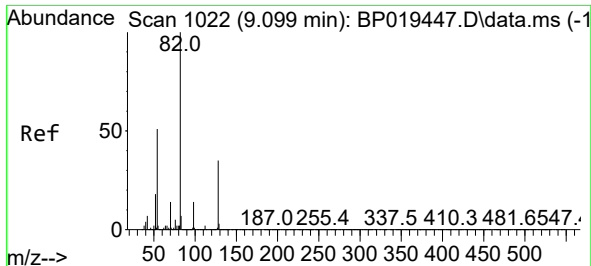
Tgt Ion: 99 Resp: 433507
Ion Ratio Lower Upper
99 100
42 20.8 16.4 24.6
71 44.4 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP019454.D
Acq: 26 Jan 2024 19:02

Tgt Ion: 136 Resp: 230564
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.2 7.8 11.6
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 56.854 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.018 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Instrument :

BNA_P

ClientSampleId :

VNJ-232

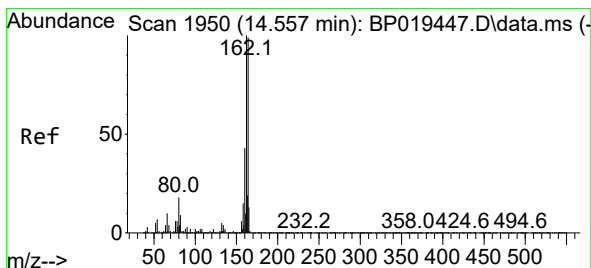
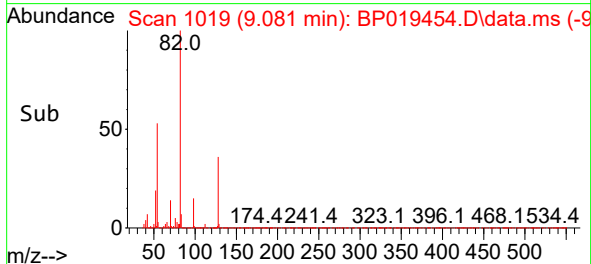
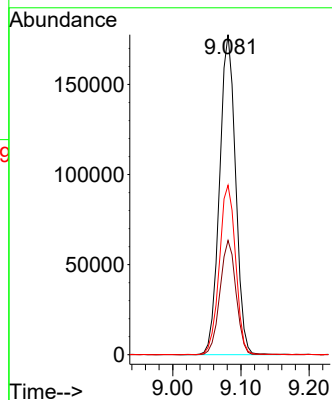
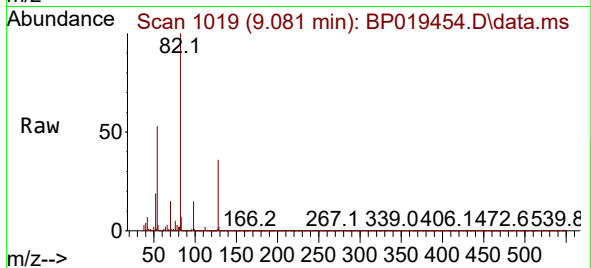
Tgt Ion: 82 Resp: 291058

Ion Ratio Lower Upper

82 100

128 35.7 28.2 42.2

54 52.9 41.1 61.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1948

Delta R.T. -0.011 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

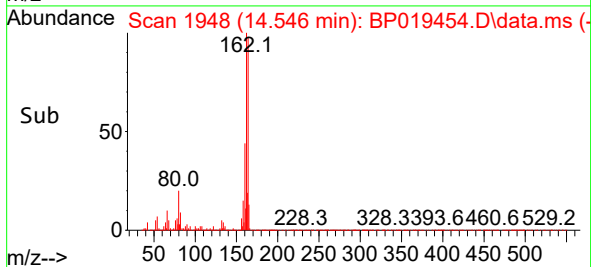
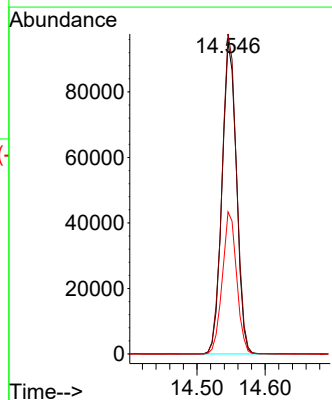
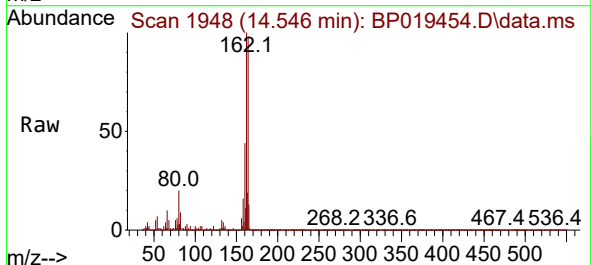
Tgt Ion:164 Resp: 140500

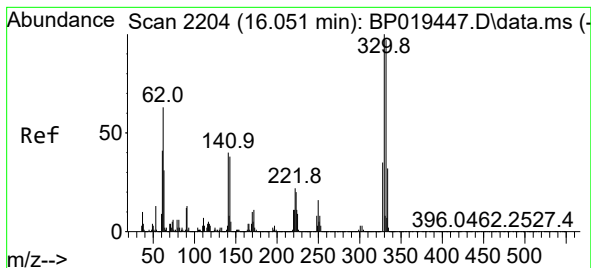
Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

160 45.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 81.894 ng

RT: 16.040 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Instrument :

BNA_P

ClientSampleId :

VNJ-232

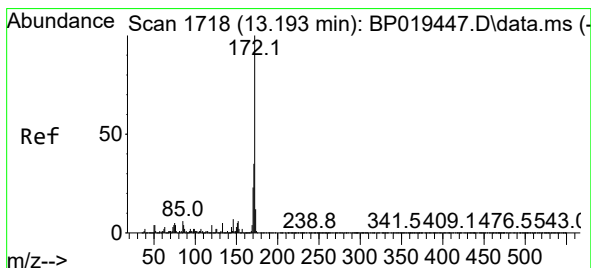
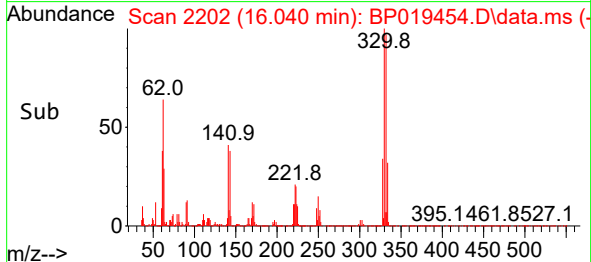
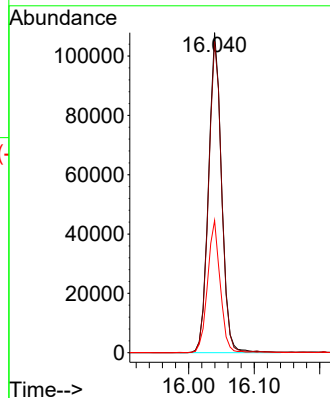
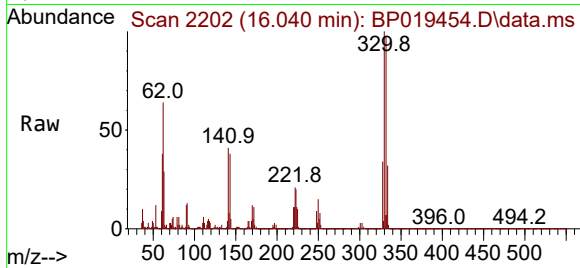
Tgt Ion:330 Resp: 149007

Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

141 40.3 30.9 46.3



#45

2-Fluorobiphenyl

Concen: 51.436 ng

RT: 13.181 min Scan# 1716

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

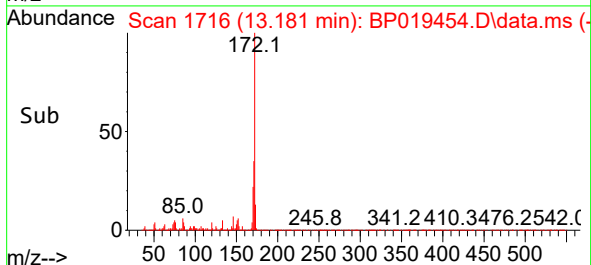
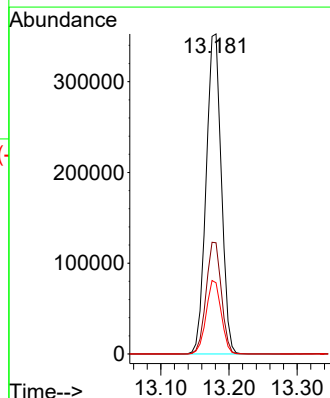
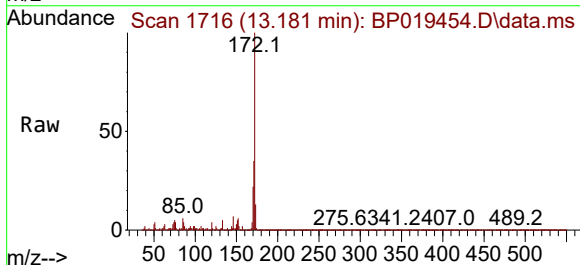
Tgt Ion:172 Resp: 545242

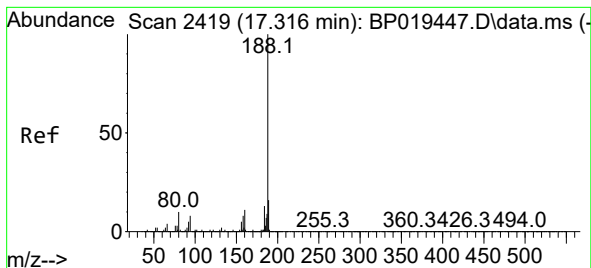
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 22.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Instrument :

BNA_P

ClientSampleId :

VNJ-232

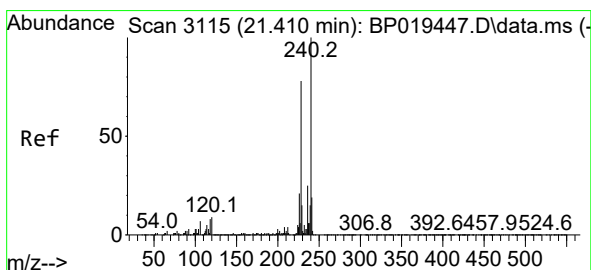
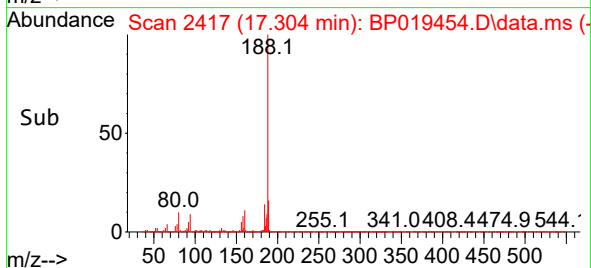
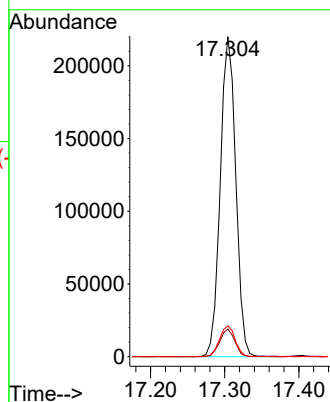
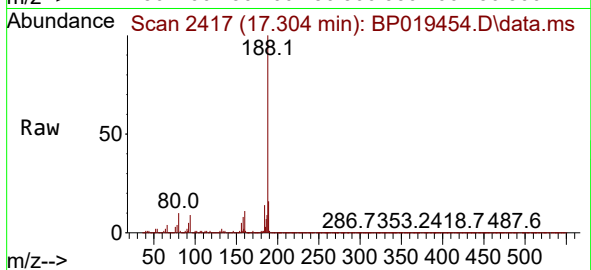
Tgt Ion:188 Resp: 319481

Ion Ratio Lower Upper

188 100

94 8.6 6.2 9.2

80 9.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

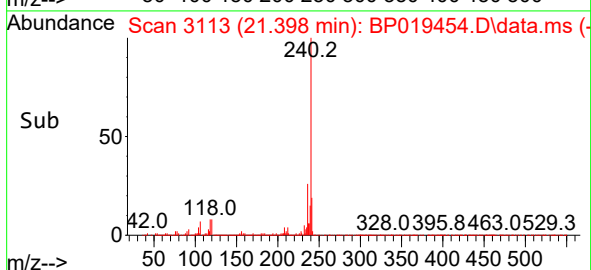
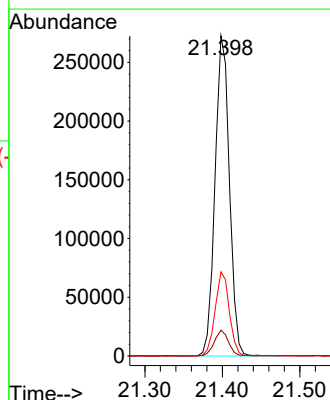
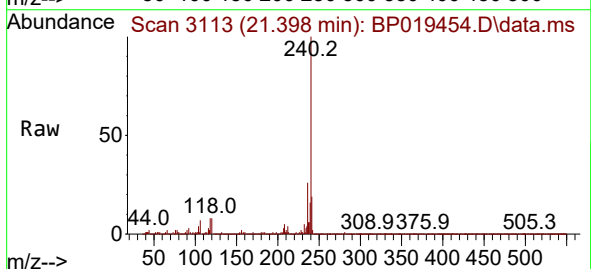
Tgt Ion:240 Resp: 351398

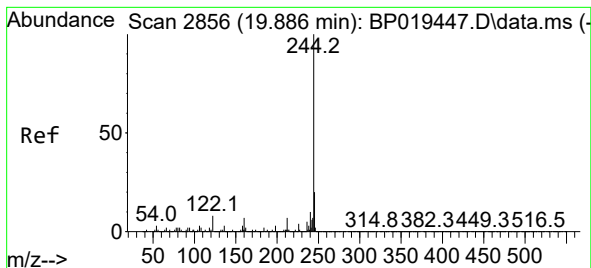
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 43.745 ng

RT: 19.875 min Scan# 2854

Delta R.T. -0.012 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Instrument :

BNA_P

ClientSampleId :

VNJ-232

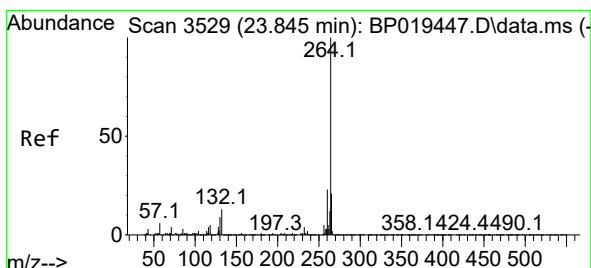
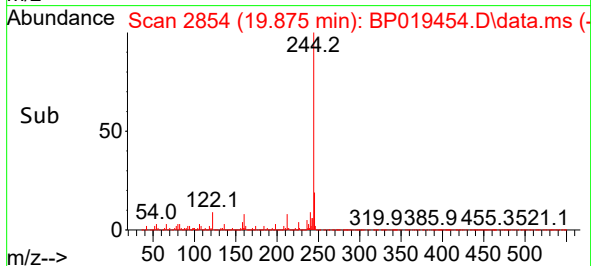
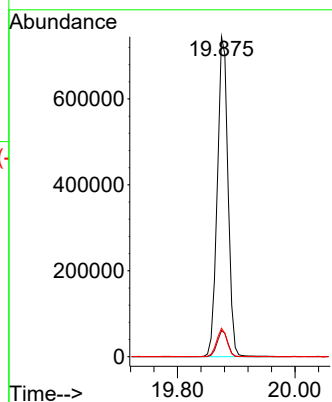
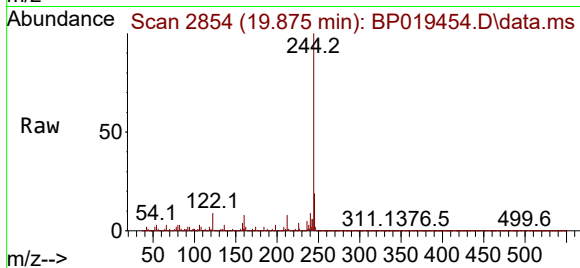
Tgt Ion:244 Resp: 937589

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 8.9 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.018 min

Lab File: BP019454.D

Acq: 26 Jan 2024 19:02

Tgt Ion:264 Resp: 422003

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.4 16.4 24.6

