

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019621.D
 Acq On : 08 Feb 2024 22:16
 Operator : MA/JU
 Sample : P1413-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-209

Quant Time: Feb 09 00:44:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

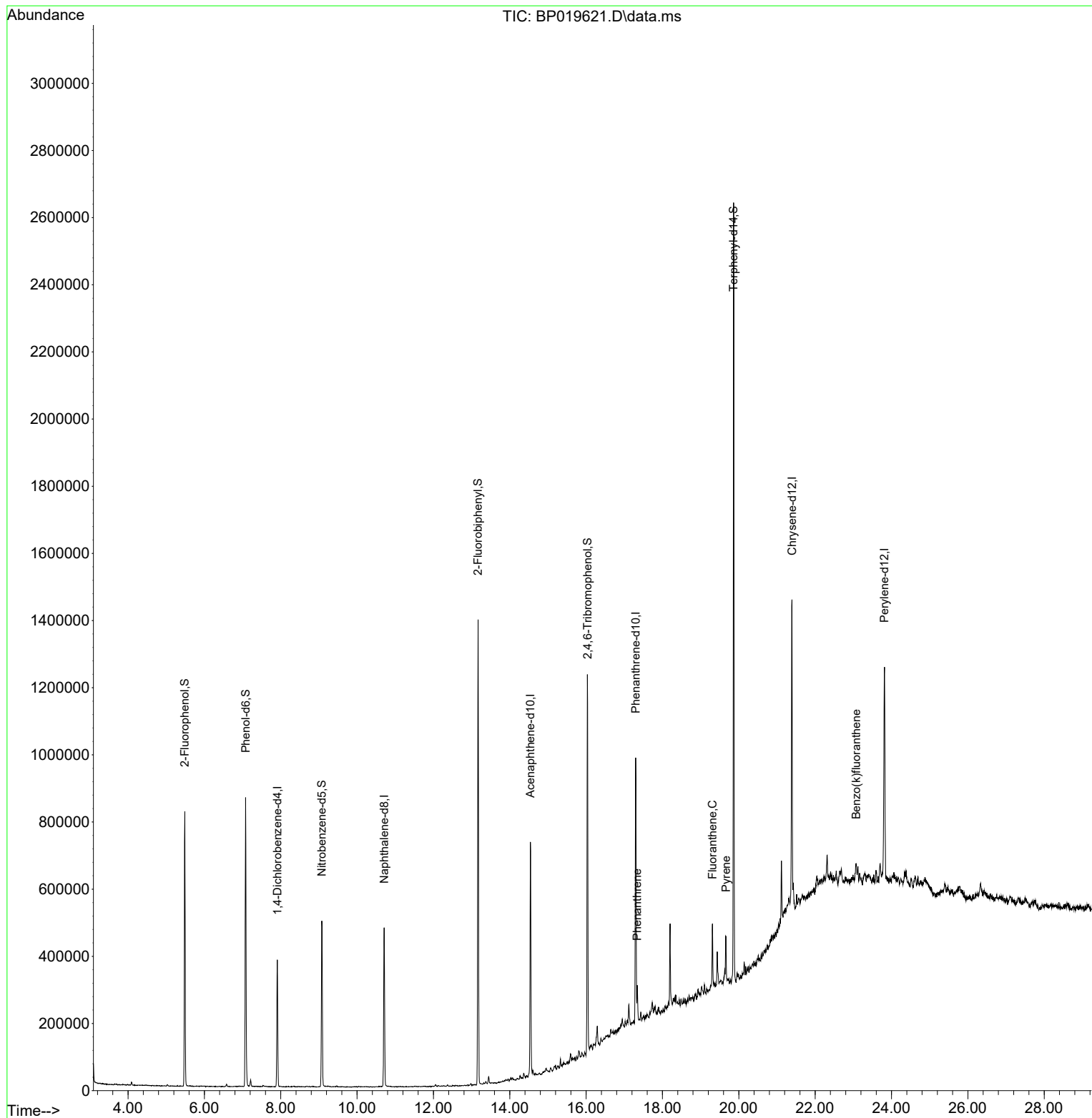
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	101700	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	387699	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	245310	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	507634	20.000	ng	0.00
76) Chrysene-d12	21.392	240	450567	20.000	ng	0.00
86) Perylene-d12	23.816	264	517960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	338502	53.652	ng	0.00
7) Phenol-d6	7.081	99	472473	55.538	ng	0.00
23) Nitrobenzene-d5	9.075	82	304468	34.029	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	225464	62.949	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	735548	37.068	ng	-0.01
79) Terphenyl-d14	19.863	244	1100773	40.178	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.339	178	62828	2.352	ng	96
75) Fluoranthene	19.310	202	107764	3.302	ng	98
78) Pyrene	19.663	202	84064	2.644	ng	97
89) Benzo(k)fluoranthene	23.074	252	62542	2.006	ng	# 66

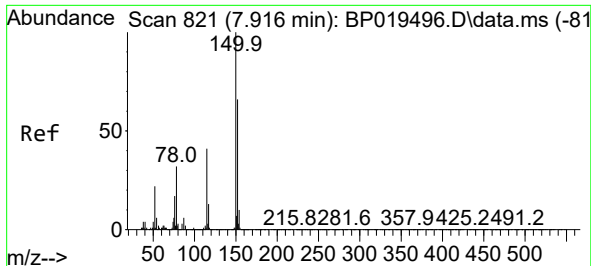
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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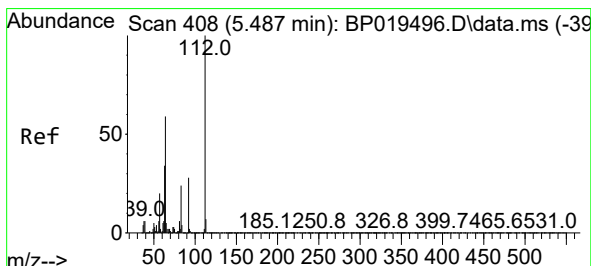
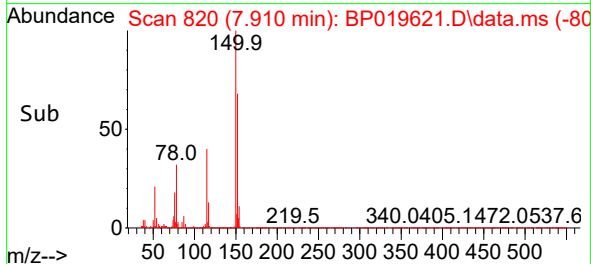
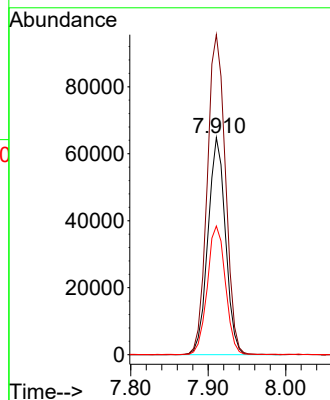
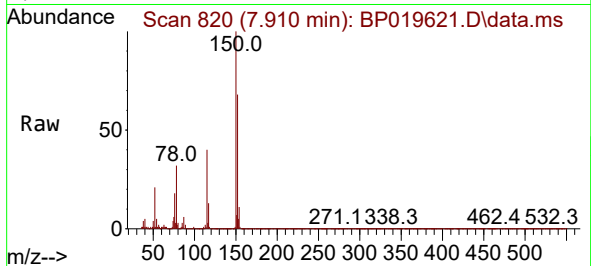




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019621.D
Acq: 08 Feb 2024 22:16

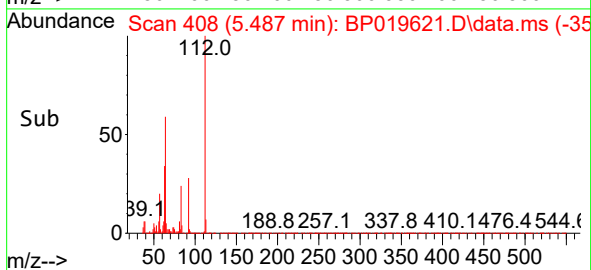
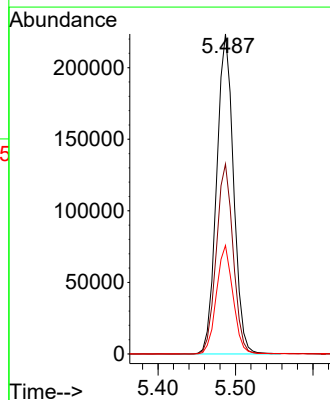
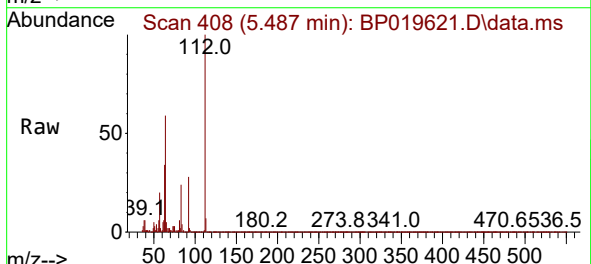
Instrument :
BNA_P
ClientSampleId :
VNJ-209

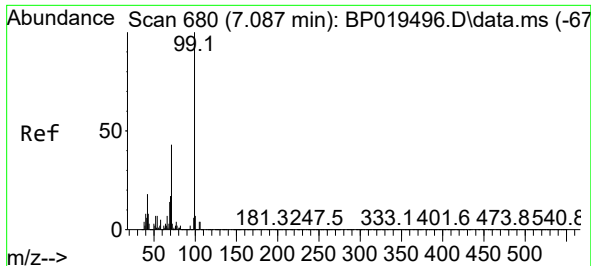
Tgt Ion:152 Resp: 101700
Ion Ratio Lower Upper
152 100
150 147.3 121.8 182.8
115 59.2 49.9 74.9



#5
2-Fluorophenol
Concen: 53.652 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019621.D
Acq: 08 Feb 2024 22:16

Tgt Ion:112 Resp: 338502
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.0
63 33.9 27.0 40.6

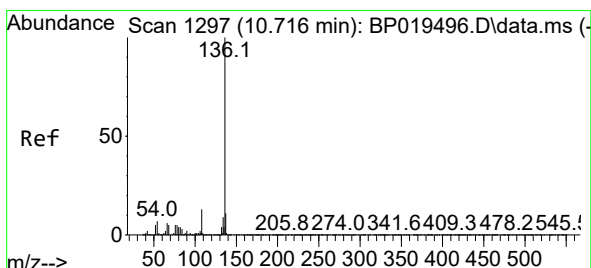
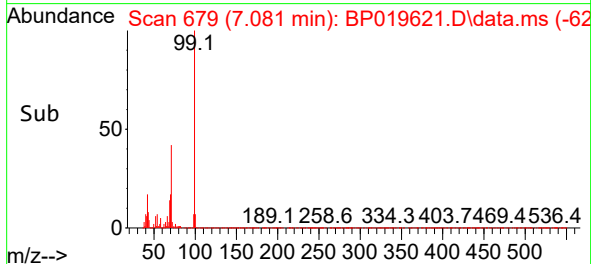
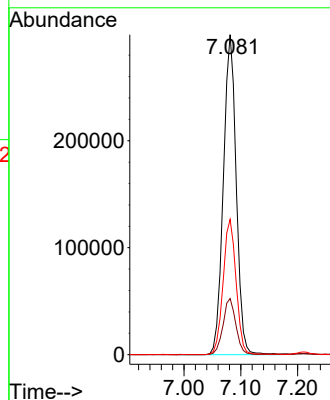
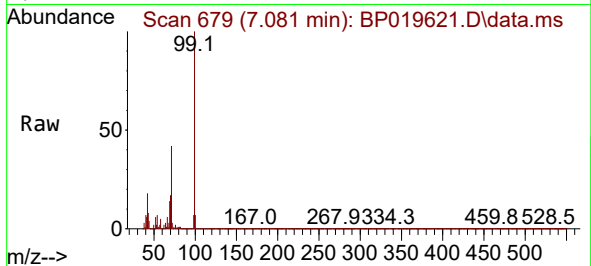




#7
Phenol-d6
Concen: 55.538 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019621.D
Acq: 08 Feb 2024 22:16

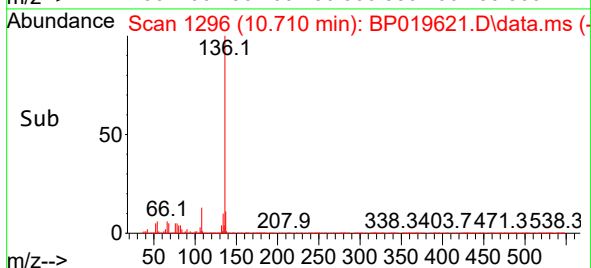
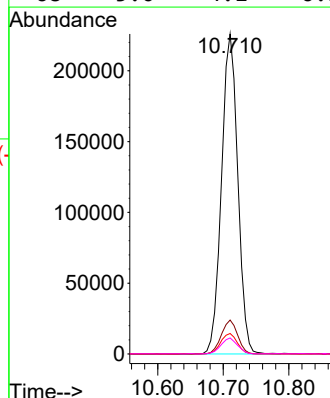
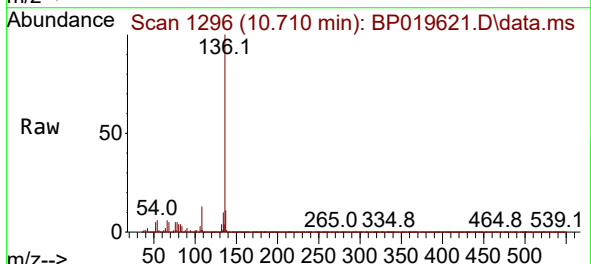
Instrument :
BNA_P
ClientSampleId :
VNJ-209

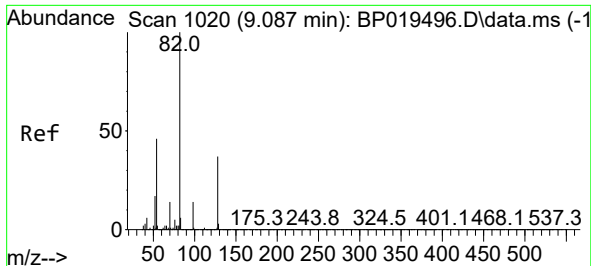
Tgt Ion: 99 Resp: 472473
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 42.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019621.D
Acq: 08 Feb 2024 22:16

Tgt Ion:136 Resp: 387699
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.4 5.3 7.9
68 5.0 4.1 6.1

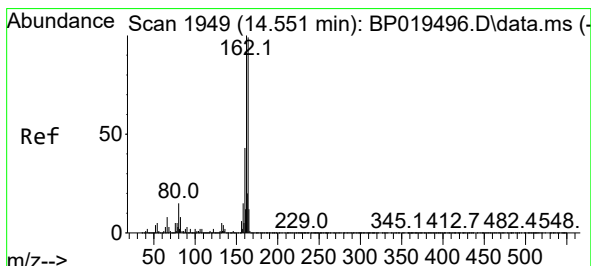
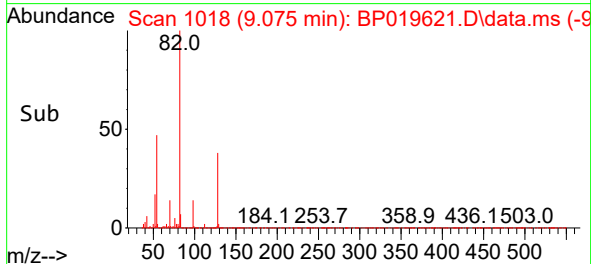
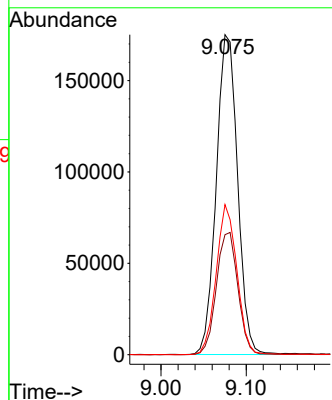
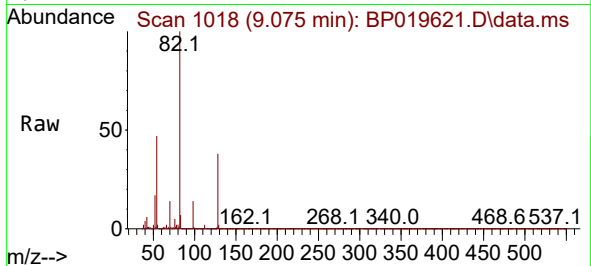




#23
Nitrobenzene-d5
Concen: 34.029 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019621.D
Acq: 08 Feb 2024 22:16

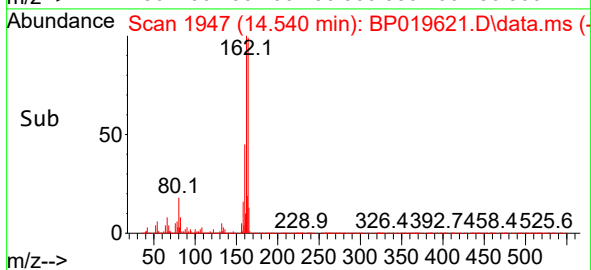
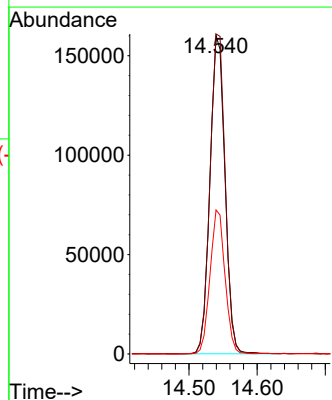
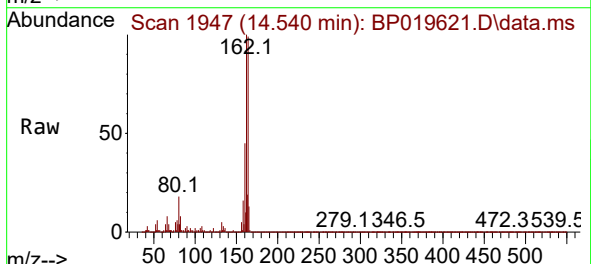
Instrument :
BNA_P
ClientSampleId :
VNJ-209

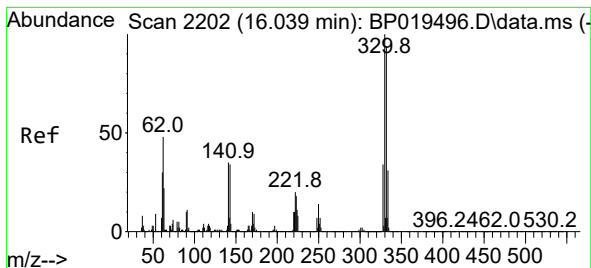
Tgt Ion: 82 Resp: 304468
Ion Ratio Lower Upper
82 100
128 37.5 29.7 44.5
54 46.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019621.D
Acq: 08 Feb 2024 22:16

Tgt Ion: 164 Resp: 245310
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 62.949 ng

RT: 16.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019621.D

Acq: 08 Feb 2024 22:16

Instrument :

BNA_P

ClientSampleId :

VNJ-209

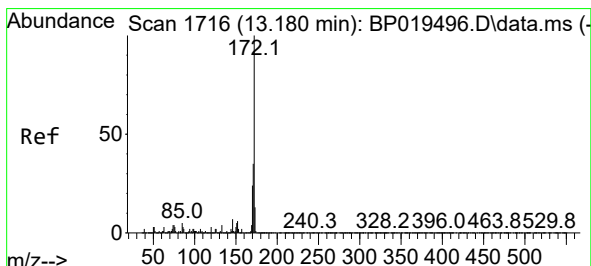
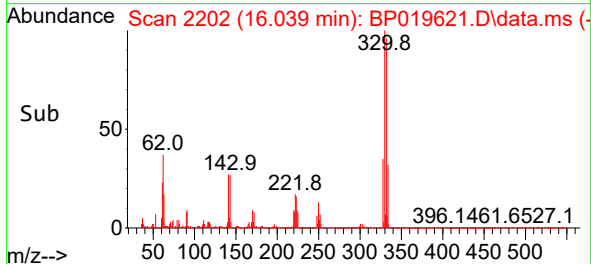
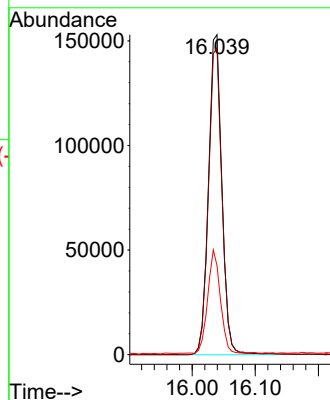
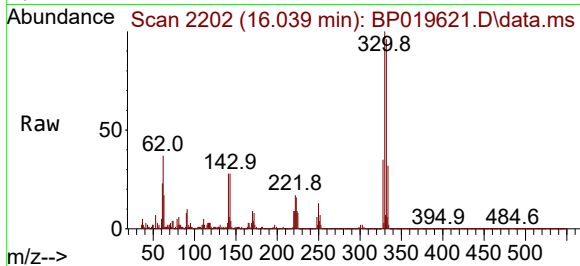
Tgt Ion:330 Resp: 225464

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 30.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 37.068 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019621.D

Acq: 08 Feb 2024 22:16

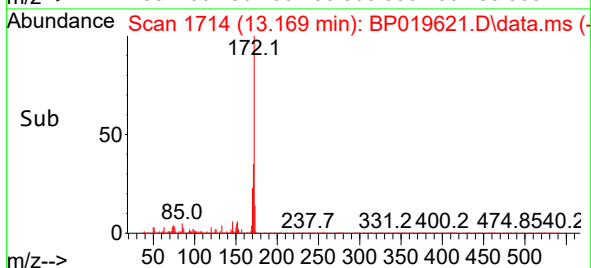
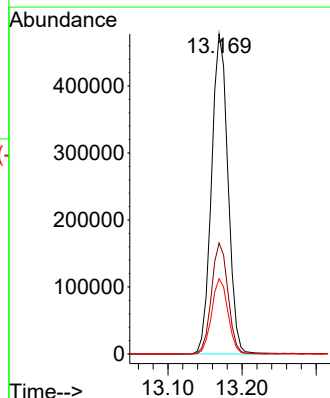
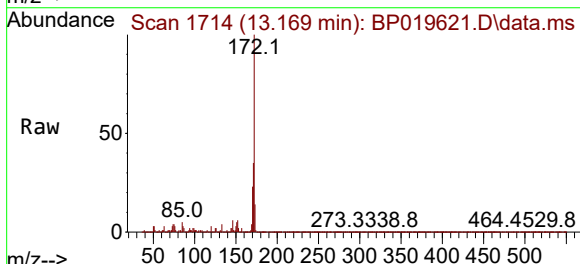
Tgt Ion:172 Resp: 735548

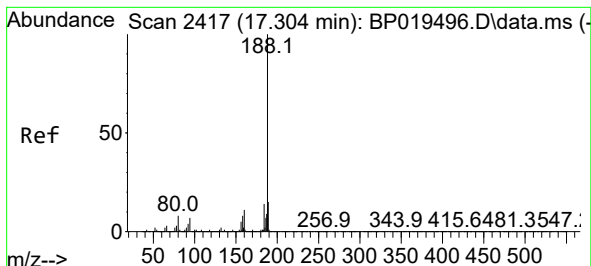
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019621.D

Acq: 08 Feb 2024 22:16

Instrument :

BNA_P

ClientSampleId :

VNJ-209

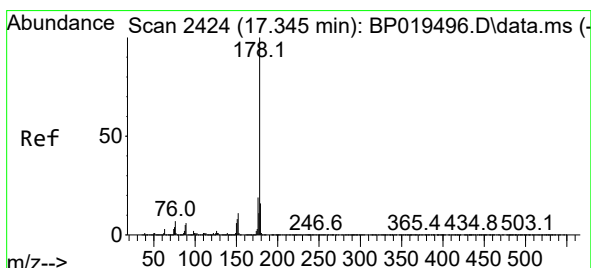
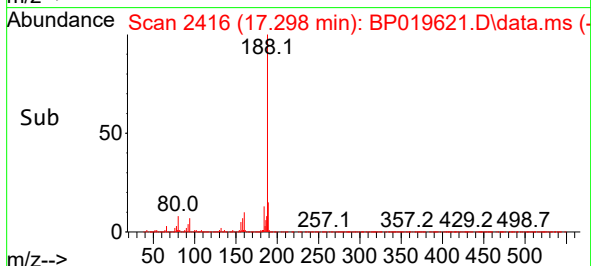
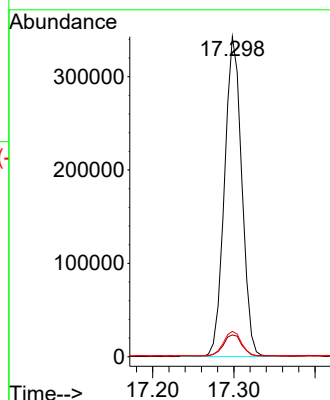
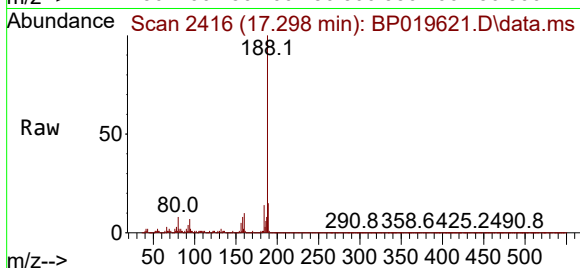
Tgt Ion:188 Resp: 507634

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.9 6.3 9.5



#71

Phenanthrene

Concen: 2.352 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019621.D

Acq: 08 Feb 2024 22:16

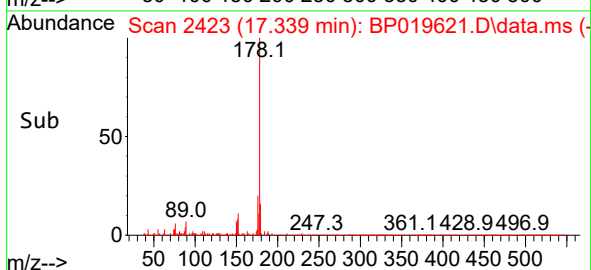
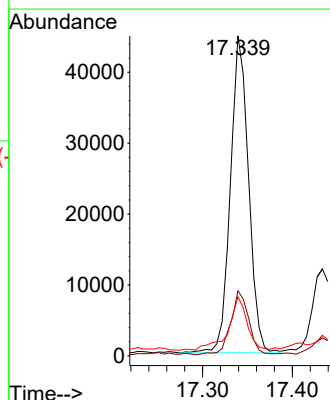
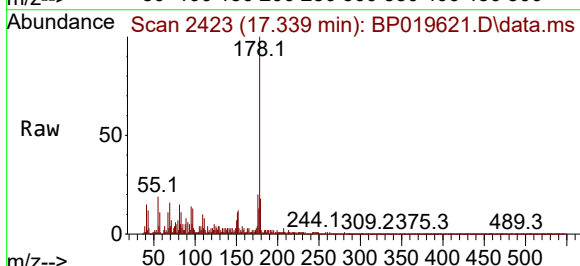
Tgt Ion:178 Resp: 62828

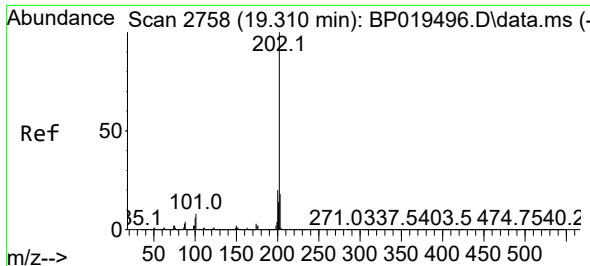
Ion Ratio Lower Upper

178 100

176 20.4 15.5 23.3

179 18.4 12.6 19.0

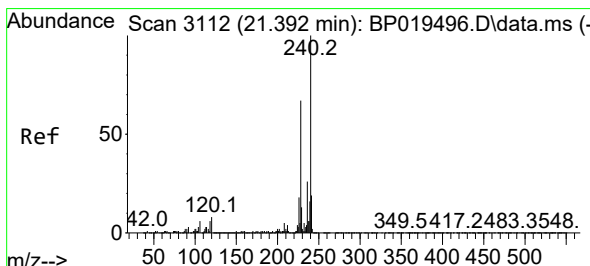
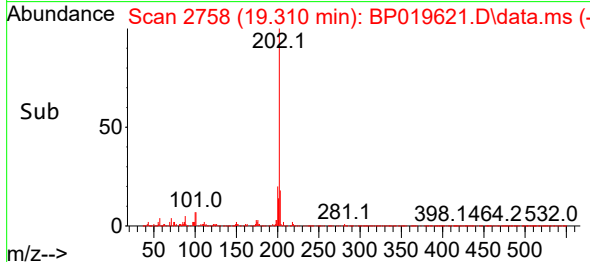
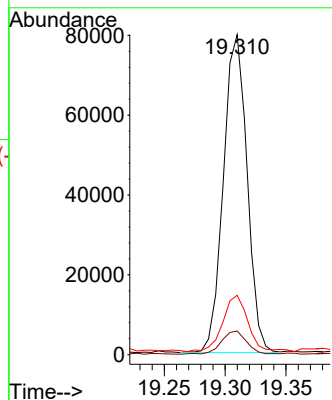
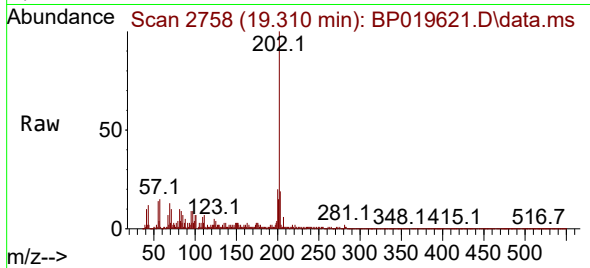




#75
Fluoranthene
Concen: 3.302 ng
RT: 19.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019621.D
Acq: 08 Feb 2024 22:16

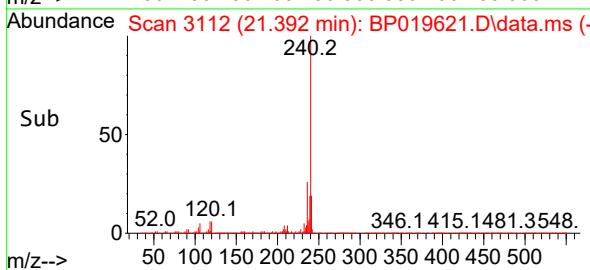
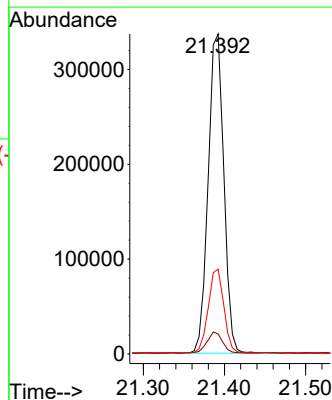
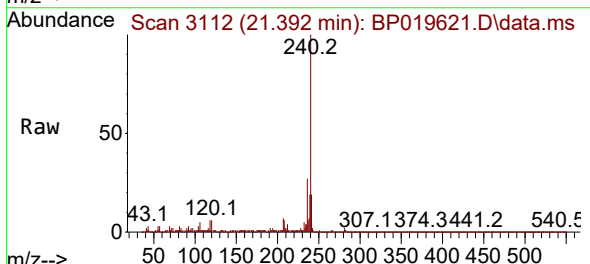
Instrument :
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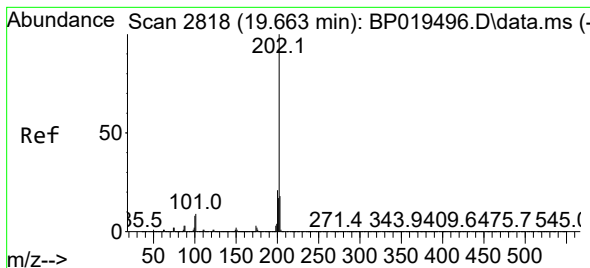
Tgt Ion:202 Resp: 107764
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.7
203 18.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019621.D
Acq: 08 Feb 2024 22:16

Tgt Ion:240 Resp: 450567
Ion Ratio Lower Upper
240 100
120 6.3 6.1 9.1
236 26.5 20.7 31.1





#78

Pyrene

Concen: 2.644 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019621.D

Acq: 08 Feb 2024 22:16

Instrument :

BNA_P

ClientSampleId :

VNJ-209

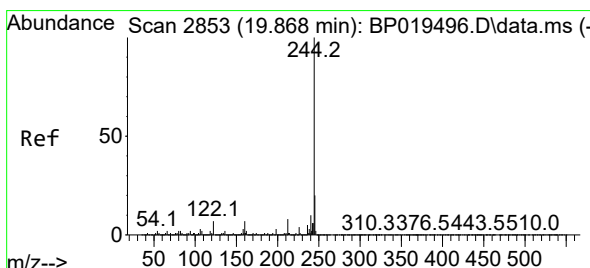
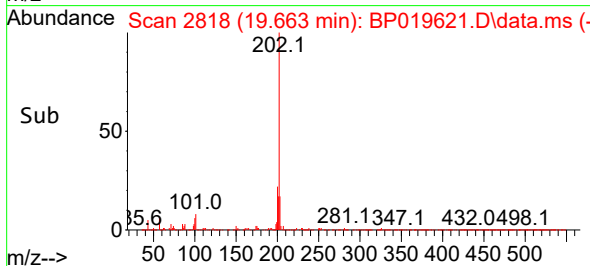
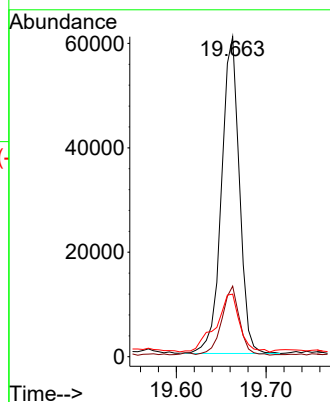
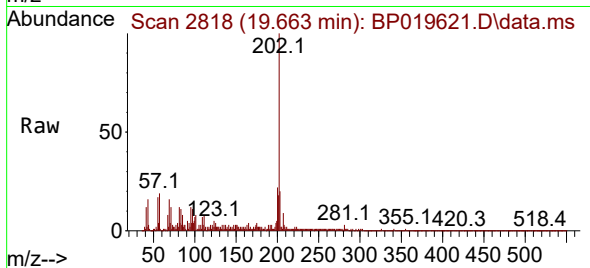
Tgt Ion:202 Resp: 84064

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

203 19.6 14.2 21.2



#79

Terphenyl-d14

Concen: 40.178 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019621.D

Acq: 08 Feb 2024 22:16

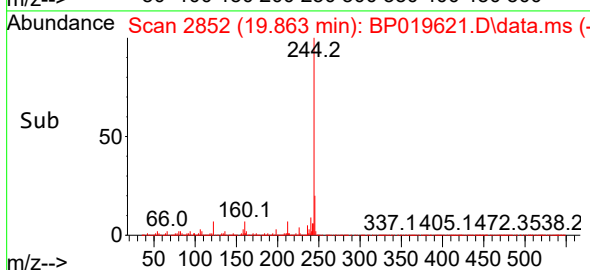
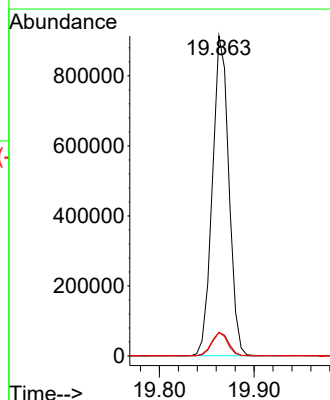
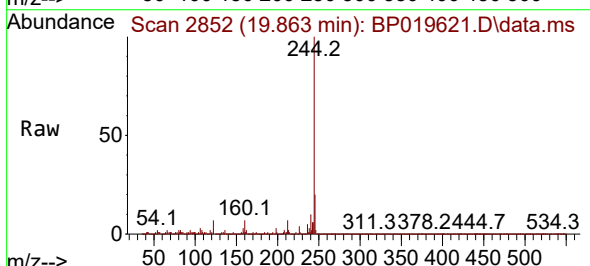
Tgt Ion:244 Resp: 1100773

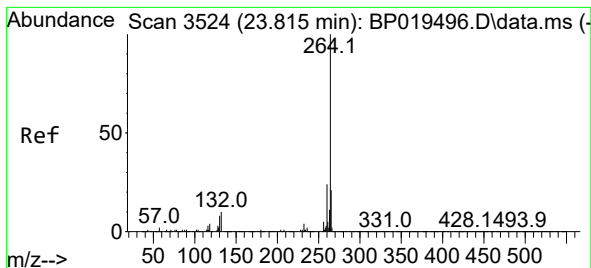
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 7.4 5.9 8.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019621.D

Acq: 08 Feb 2024 22:16

Instrument :

BNA_P

ClientSampleId :

VNJ-209

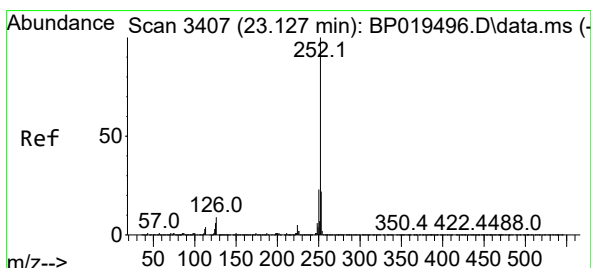
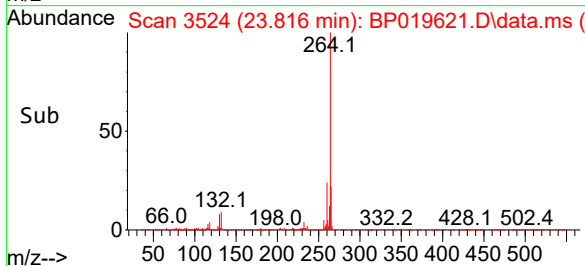
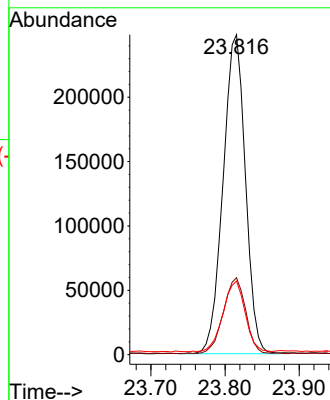
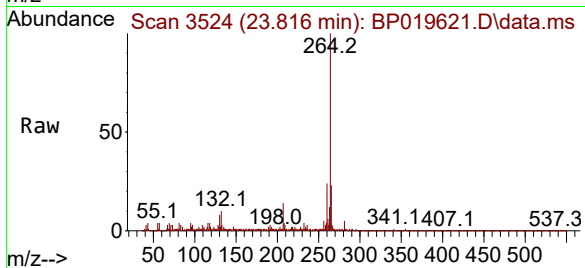
Tgt Ion:264 Resp: 517960

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 23.0 17.0 25.4



#89

Benzo(k)fluoranthene

Concen: 2.006 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.053 min

Lab File: BP019621.D

Acq: 08 Feb 2024 22:16

Tgt Ion:252 Resp: 62542

Ion Ratio Lower Upper

252 100

253 38.1 17.1 25.7#

125 16.0 5.0 7.6#

