

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019673.D
 Acq On : 12 Feb 2024 20:59
 Operator : MA/JU
 Sample : P1411-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11929

Quant Time: Feb 12 22:26:34 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)

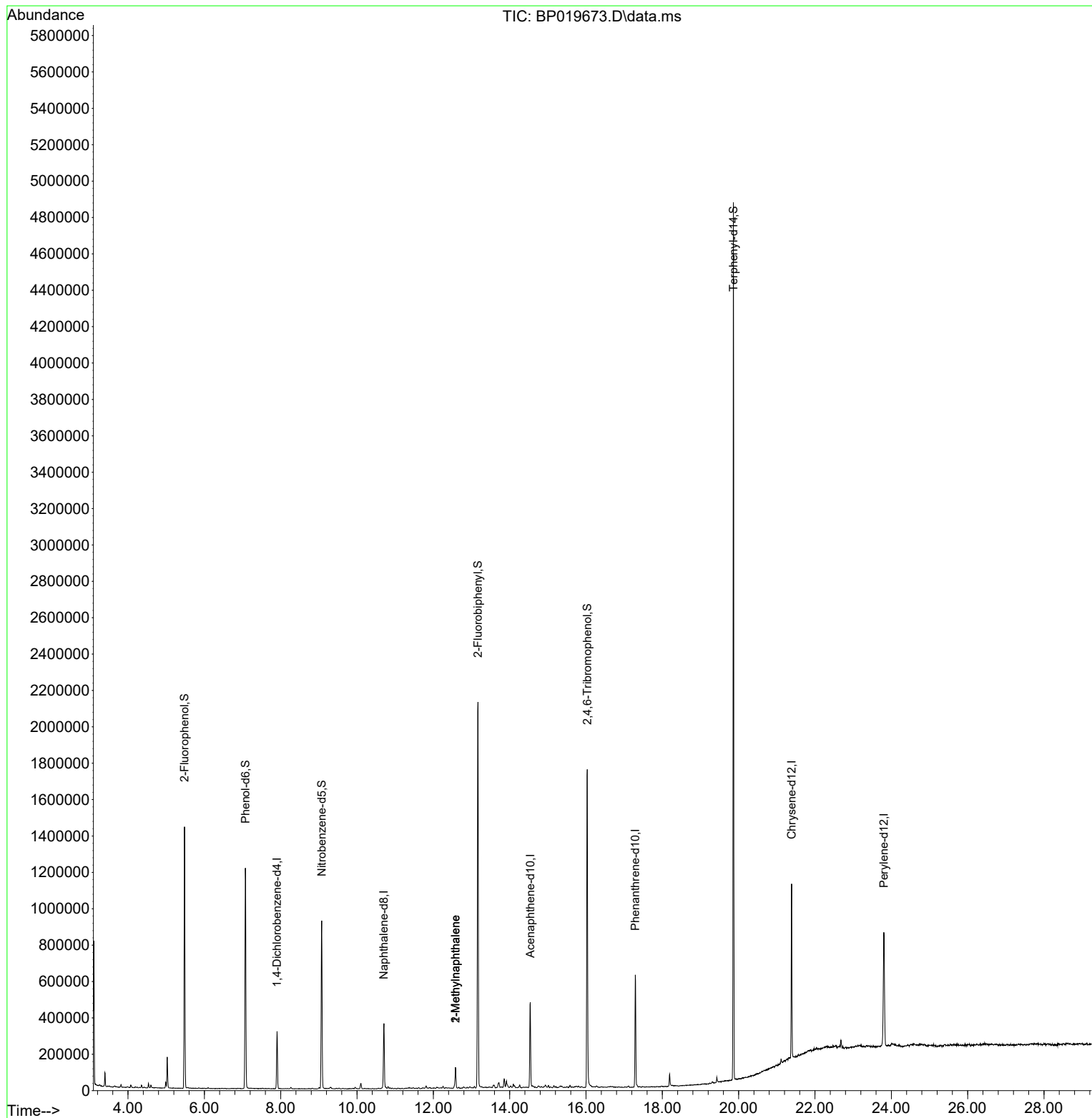
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	84173	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	290334	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	170215	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	386118	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	464178	20.000	ng	0.00
86) Perylene-d12	23.804	264	544810	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	578146	110.716	ng	0.00
7) Phenol-d6	7.075	99	674587	95.808	ng	-0.01
23) Nitrobenzene-d5	9.075	82	549154	81.959	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	380638	153.158	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1153218	83.755	ng	-0.01
79) Terphenyl-d14	19.863	244	2298523	81.435	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.581	142	50943	4.623	ng	96
38) 1-Methylnaphthalene	12.581	142	50943	4.704	ng	99

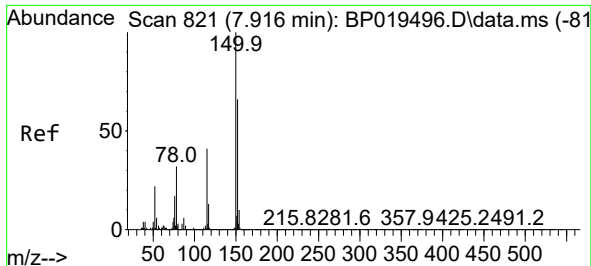
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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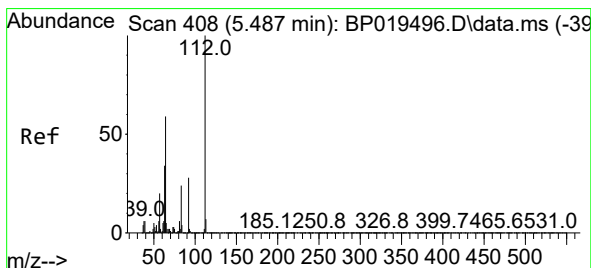
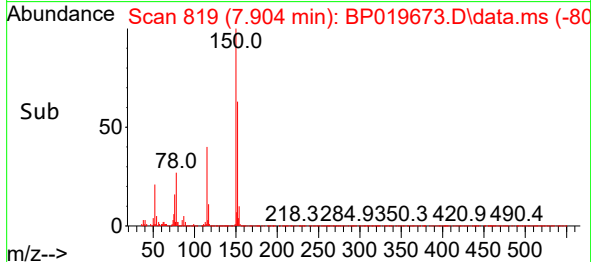
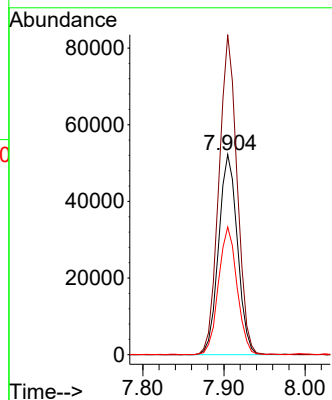
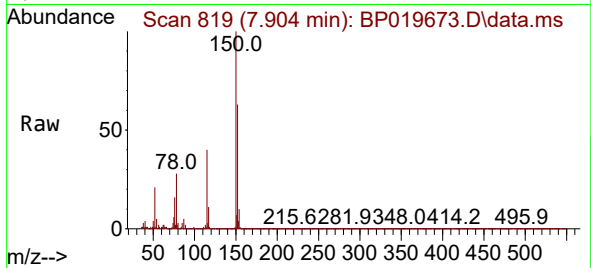




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019673.D
Acq: 12 Feb 2024 20:59

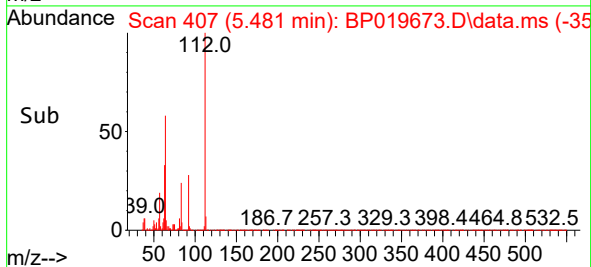
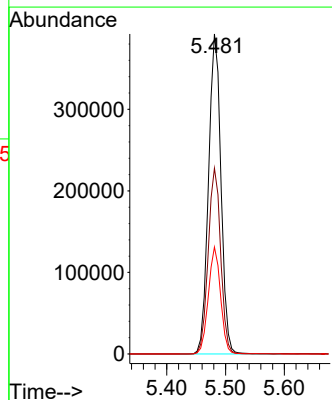
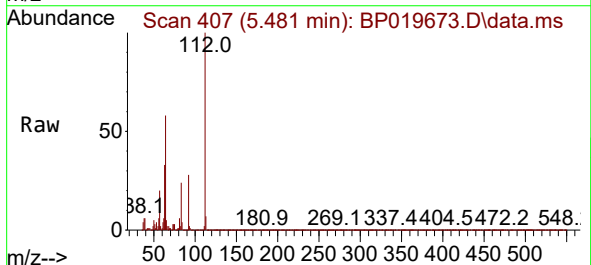
Instrument :
BNA_P
ClientSampleId :
72-11929

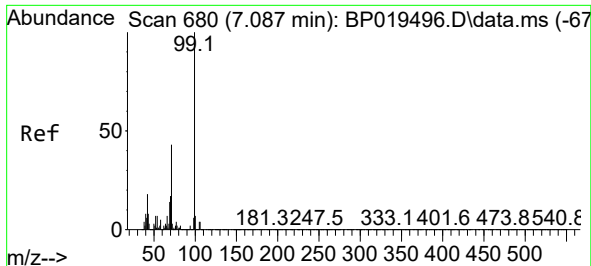
Tgt Ion:152 Resp: 84173
Ion Ratio Lower Upper
152 100
150 159.9 121.8 182.8
115 63.8 49.9 74.9



#5
2-Fluorophenol
Concen: 110.716 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019673.D
Acq: 12 Feb 2024 20:59

Tgt Ion:112 Resp: 578146
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.0
63 33.4 27.0 40.6

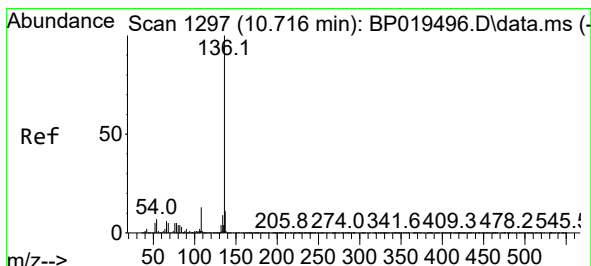
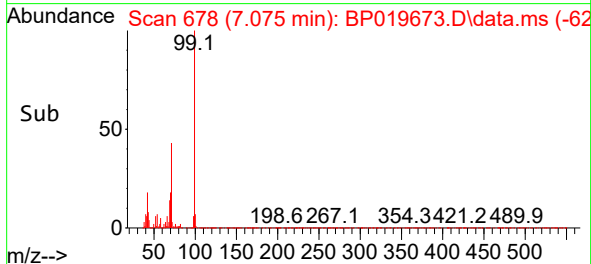
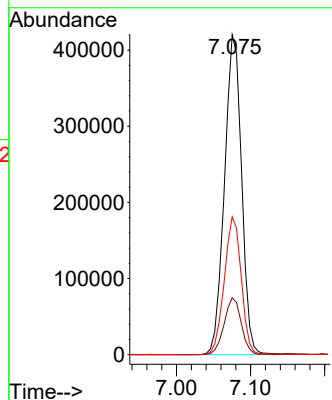
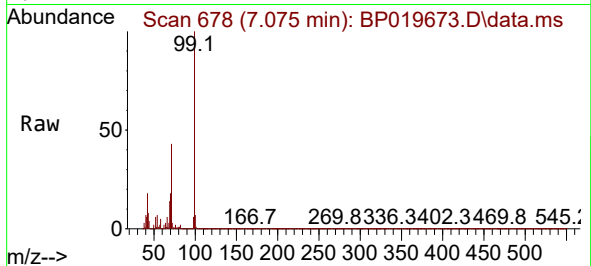




#7
Phenol-d6
Concen: 95.808 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019673.D
Acq: 12 Feb 2024 20:59

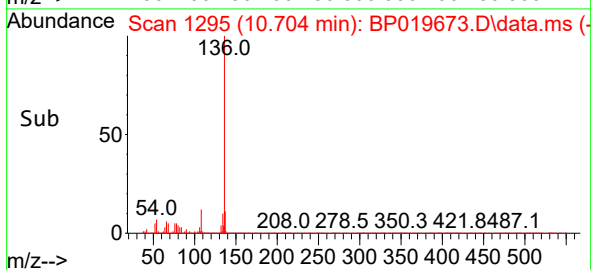
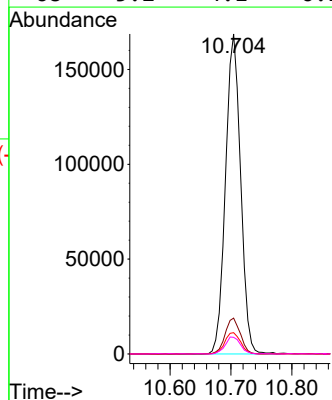
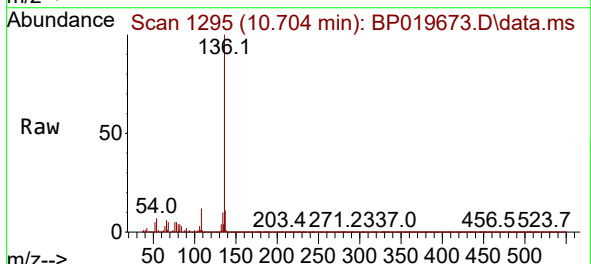
Instrument :
BNA_P
ClientSampleId :
72-11929

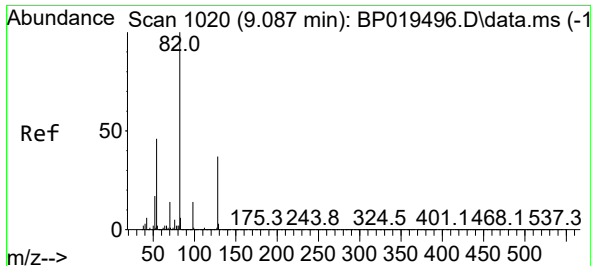
Tgt Ion: 99 Resp: 674587
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 43.1 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019673.D
Acq: 12 Feb 2024 20:59

Tgt Ion: 136 Resp: 290334
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.6 5.3 7.9
68 5.2 4.1 6.1

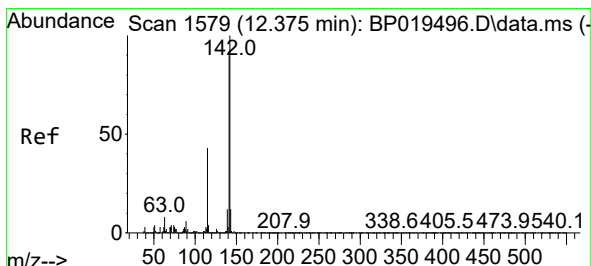
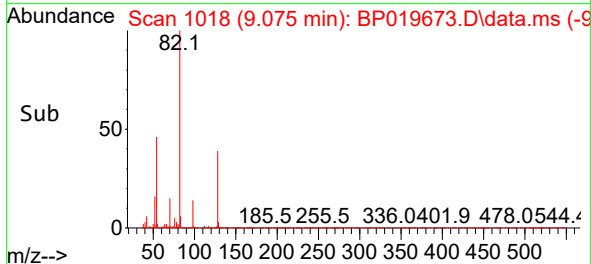
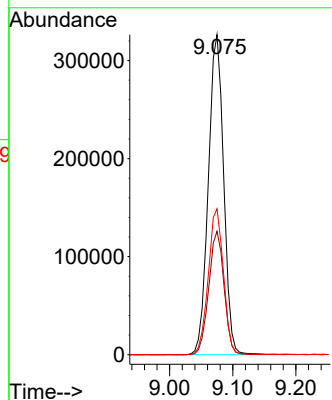
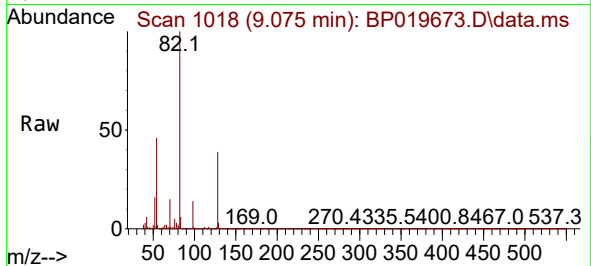




#23
Nitrobenzene-d5
Concen: 81.959 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019673.D
Acq: 12 Feb 2024 20:59

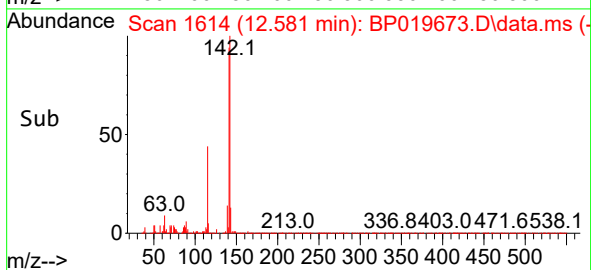
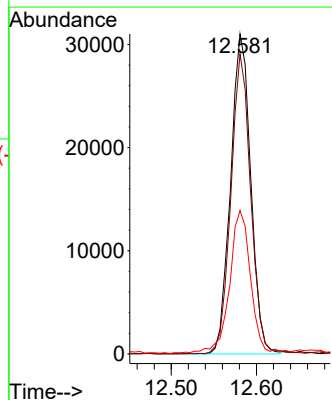
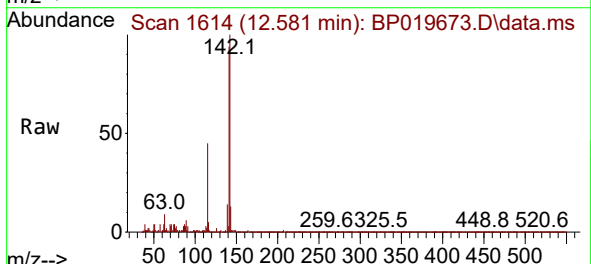
Instrument :
BNA_P
ClientSampleId :
72-11929

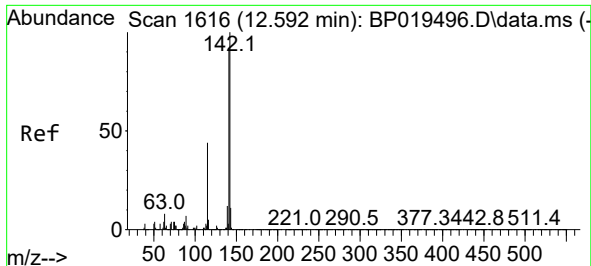
Tgt Ion: 82 Resp: 549154
Ion Ratio Lower Upper
82 100
128 38.6 29.7 44.5
54 45.6 36.8 55.2



#37
2-Methylnaphthalene
Concen: 4.623 ng
RT: 12.581 min Scan# 1614
Delta R.T. 0.206 min
Lab File: BP019673.D
Acq: 12 Feb 2024 20:59

Tgt Ion: 142 Resp: 50943
Ion Ratio Lower Upper
142 100
141 93.7 72.2 108.4
115 44.8 34.2 51.2

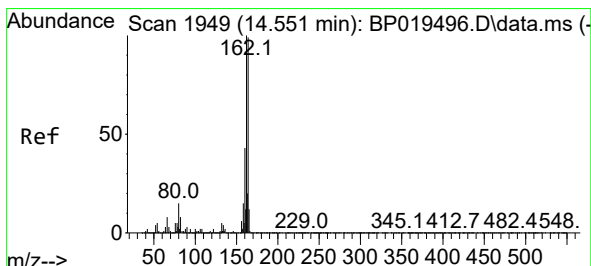
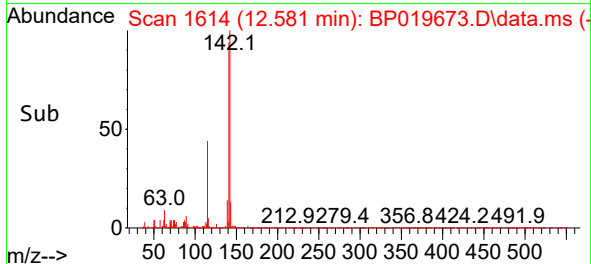
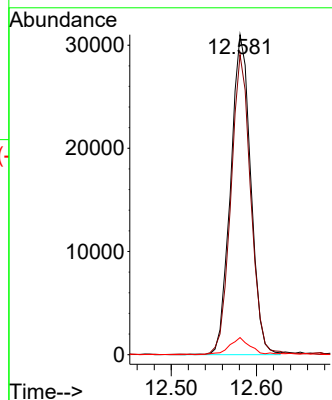
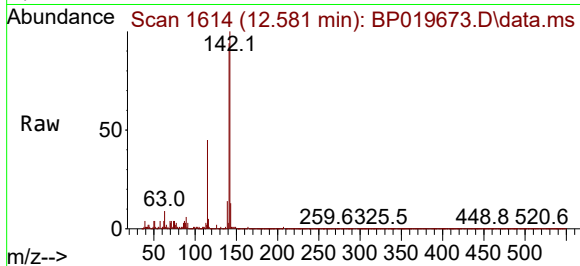




#38
1-Methylnaphthalene
Concen: 4.704 ng
RT: 12.581 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP019673.D
Acq: 12 Feb 2024 20:59

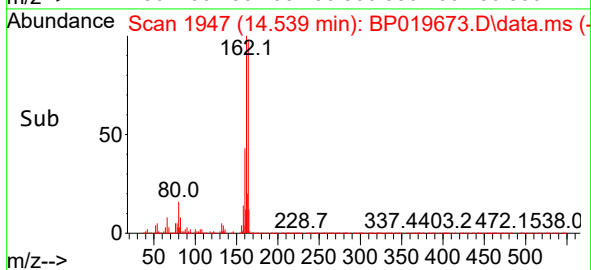
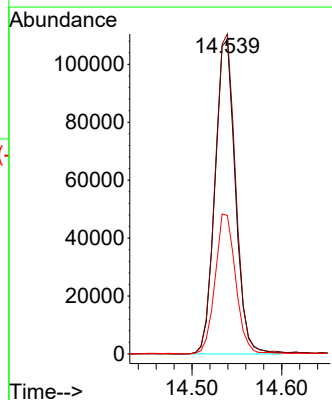
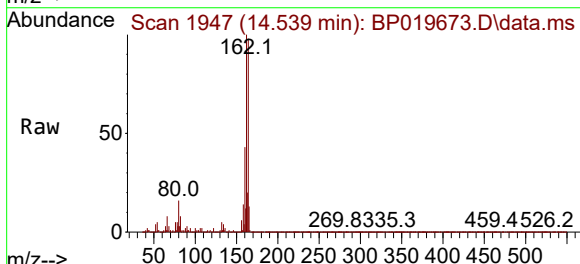
Instrument :
BNA_P
ClientSampleId :
72-11929

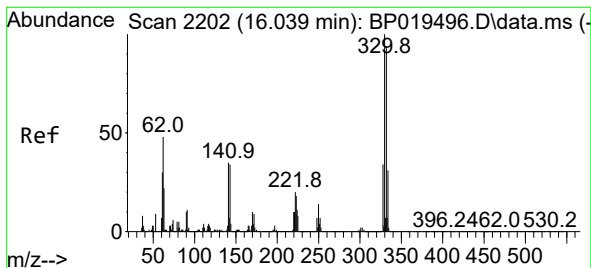
Tgt Ion:142 Resp: 50943
Ion Ratio Lower Upper
142 100
141 93.7 74.0 111.0
116 5.4 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019673.D
Acq: 12 Feb 2024 20:59

Tgt Ion:164 Resp: 170215
Ion Ratio Lower Upper
164 100
162 101.9 81.2 121.8
160 44.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 153.158 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019673.D

Acq: 12 Feb 2024 20:59

Instrument :

BNA_P

ClientSampleId :

72-11929

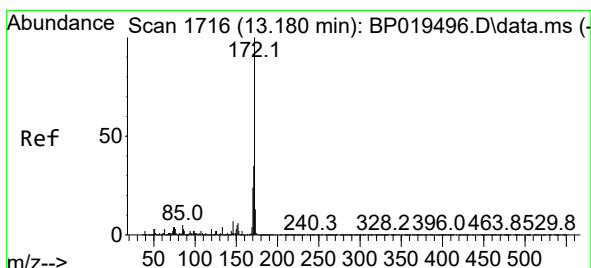
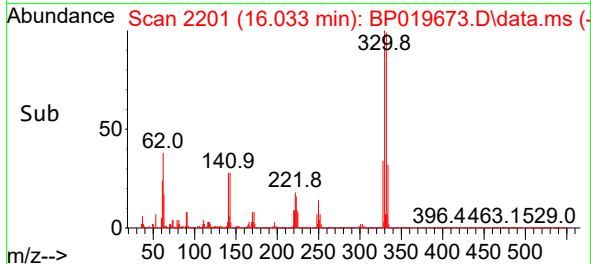
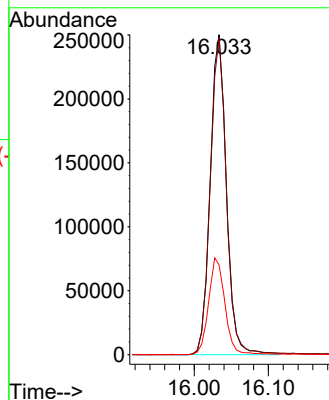
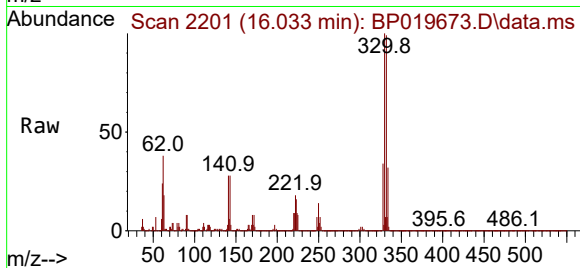
Tgt Ion:330 Resp: 380638

Ion Ratio Lower Upper

330 100

332 98.2 77.2 115.8

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 83.755 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019673.D

Acq: 12 Feb 2024 20:59

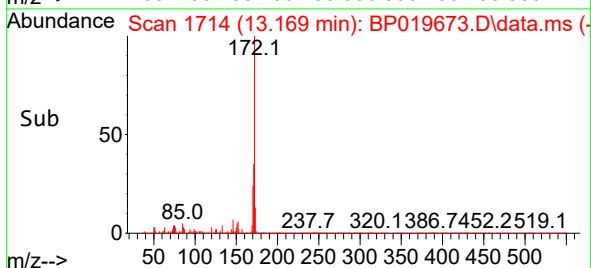
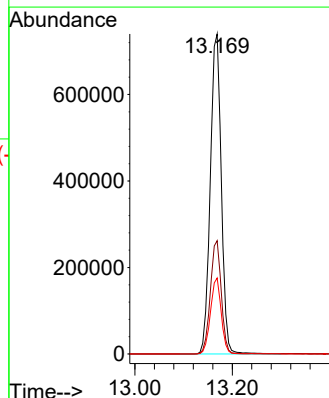
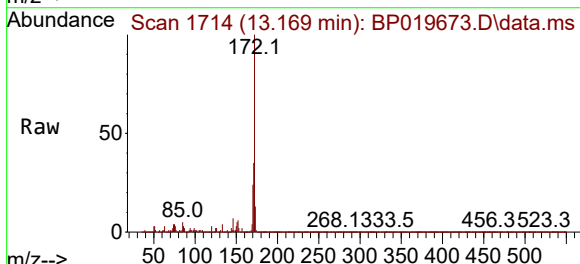
Tgt Ion:172 Resp: 1153218

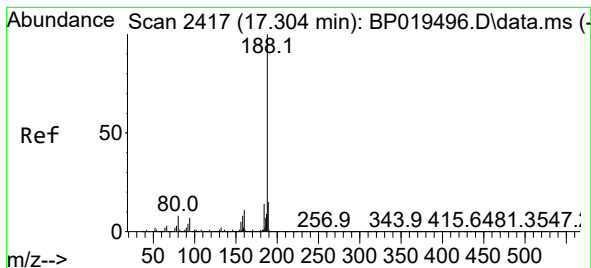
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019673.D

Acq: 12 Feb 2024 20:59

Instrument :

BNA_P

ClientSampleId :

72-11929

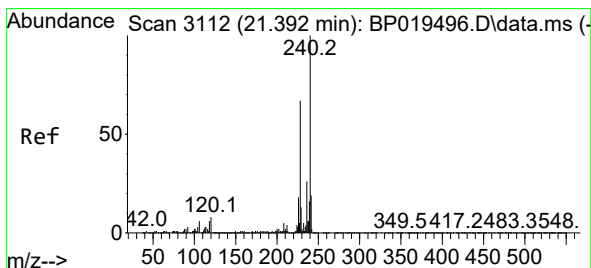
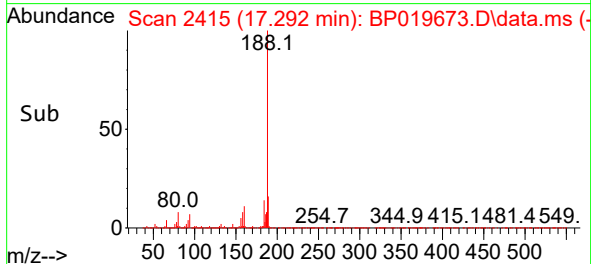
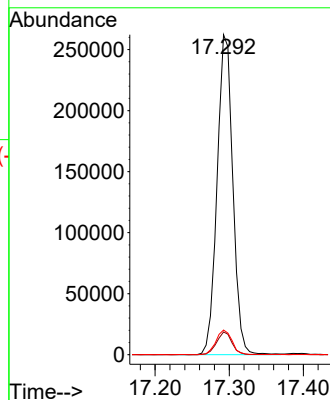
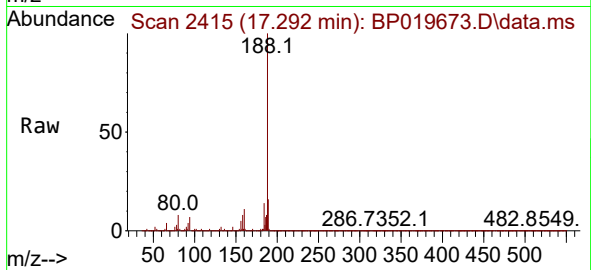
Tgt Ion:188 Resp: 386118

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 7.7 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019673.D

Acq: 12 Feb 2024 20:59

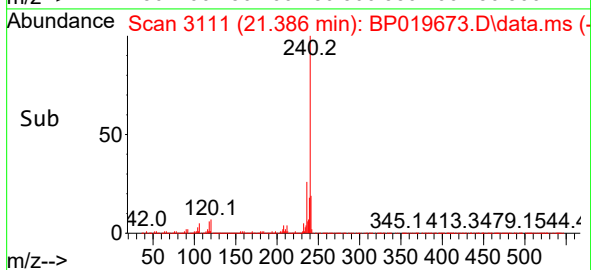
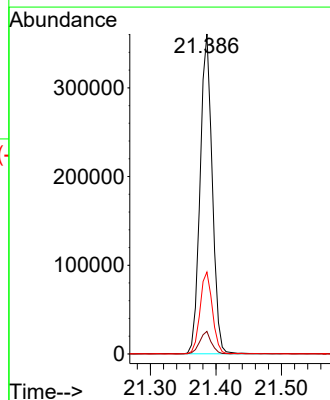
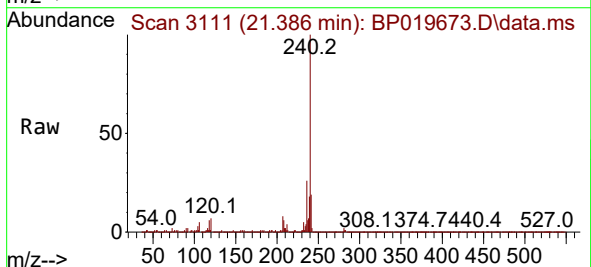
Tgt Ion:240 Resp: 464178

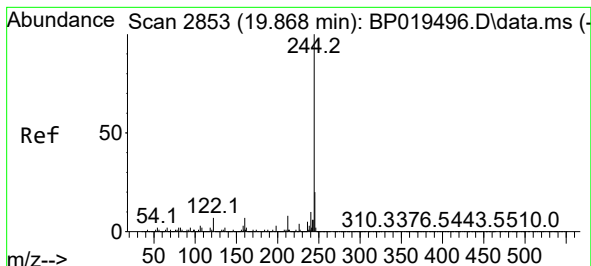
Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 81.435 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019673.D

Acq: 12 Feb 2024 20:59

Instrument :

BNA_P

ClientSampleId :

72-11929

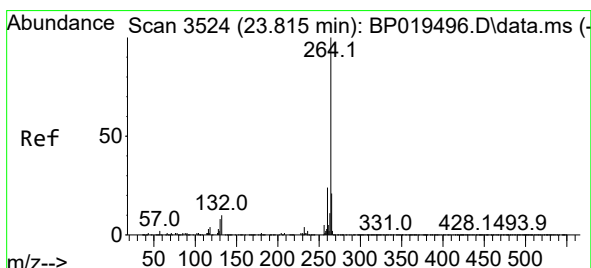
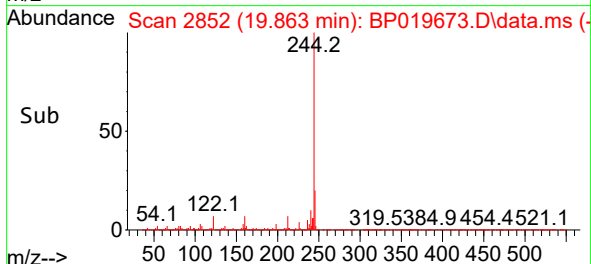
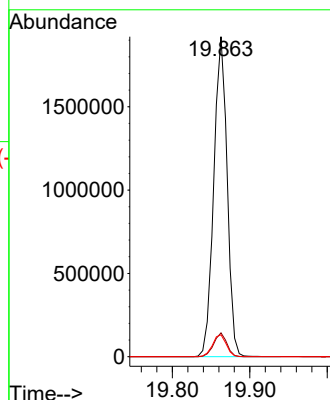
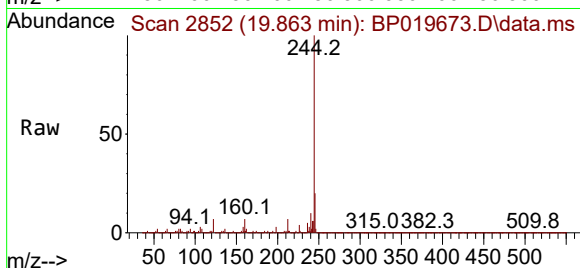
Tgt Ion:244 Resp: 2298523

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.9 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019673.D

Acq: 12 Feb 2024 20:59

Tgt Ion:264 Resp: 544810

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.8 17.0 25.4

