

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019537.D
 Acq On : 02 Feb 2024 20:43
 Operator : MA/JU
 Sample : PB158270BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158270BL

Quant Time: Feb 02 23:56:27 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	87830	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	334042	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	222040	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	476169	20.000	ng	0.00
76) Chrysene-d12	21.386	240	332198	20.000	ng	0.00
86) Perylene-d12	23.804	264	404210	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	741171	136.025	ng	0.00
7) Phenol-d6	7.081	99	964794	131.319	ng	0.00
23) Nitrobenzene-d5	9.081	82	652579	84.652	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	444185	137.012	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1510558	84.102	ng	0.00
79) Terphenyl-d14	19.863	244	2019216	99.961	ng	0.00

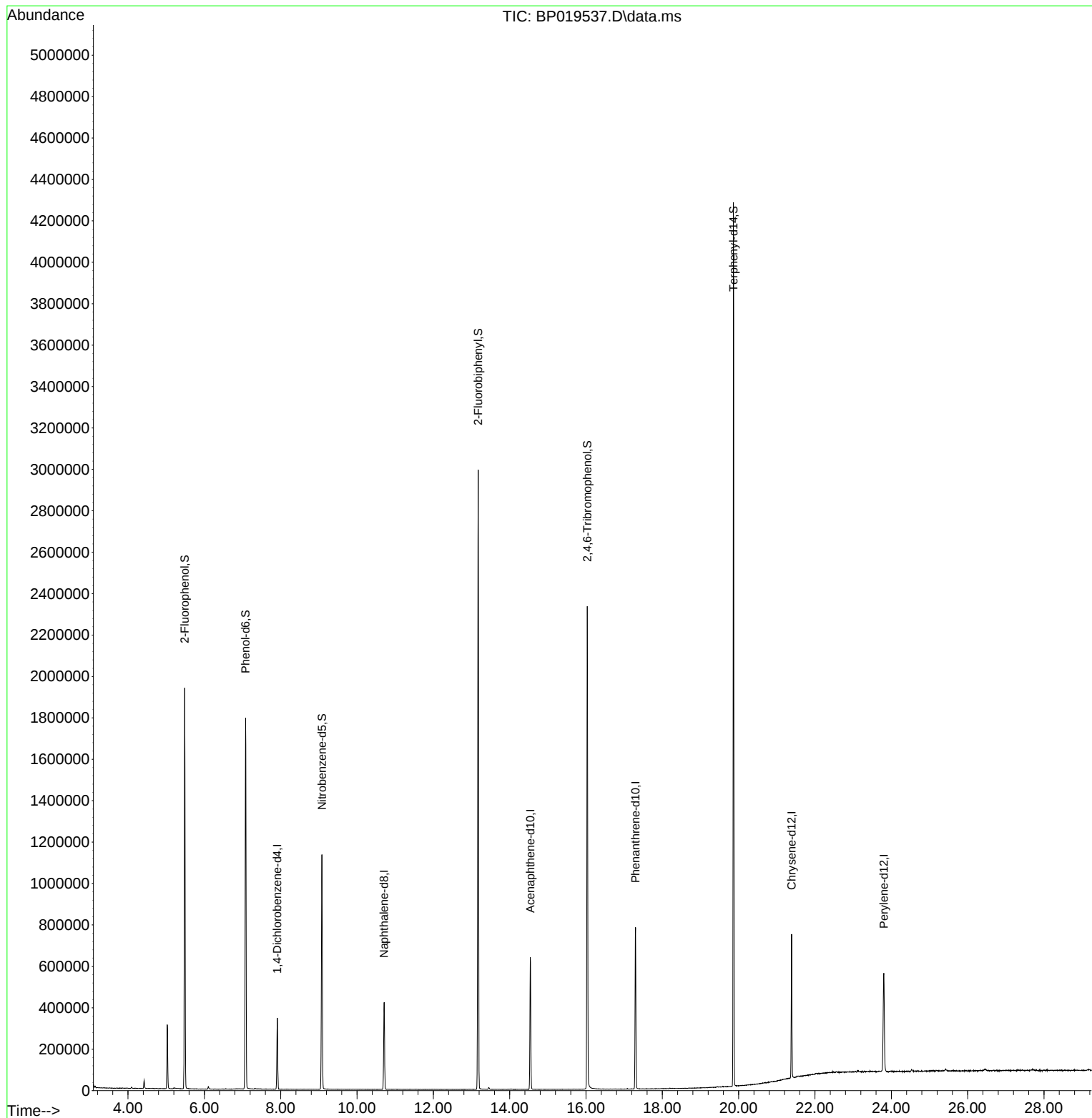
Target Compounds	Qvalue

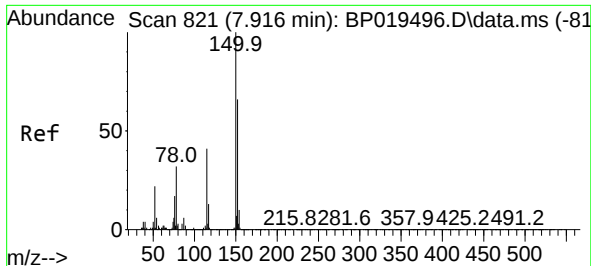
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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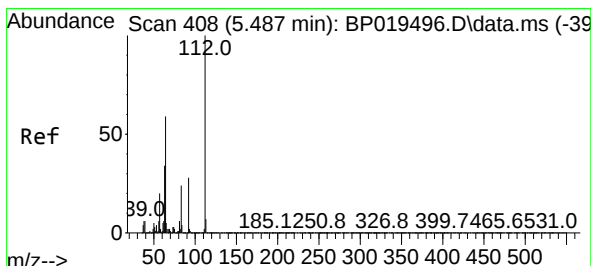
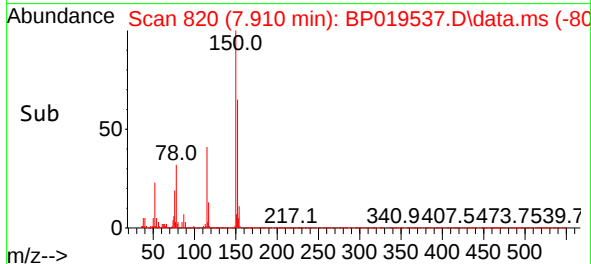
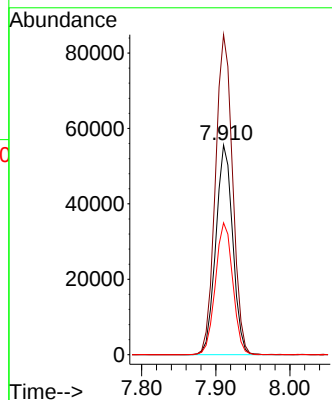
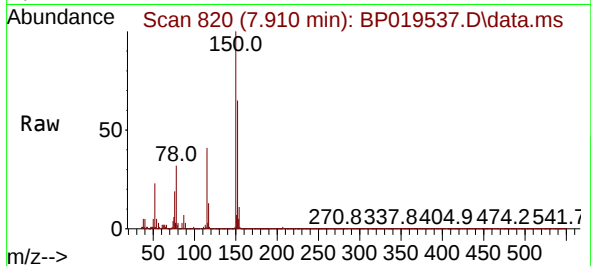




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019537.D
Acq: 02 Feb 2024 20:43

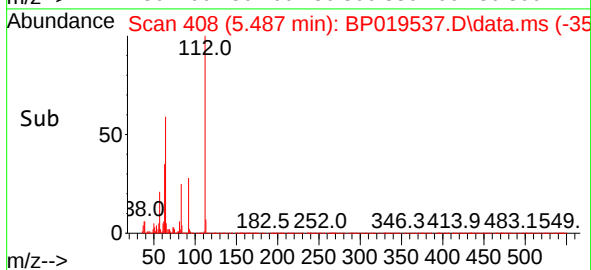
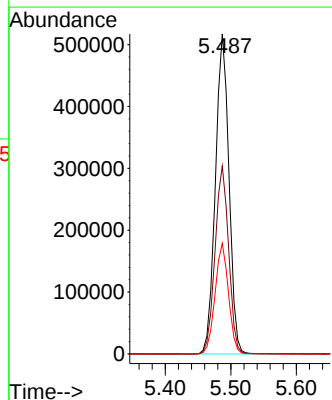
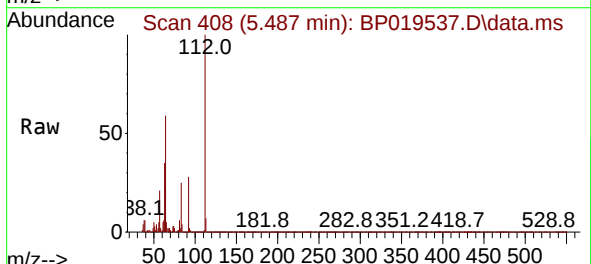
Instrument :
BNA_P
ClientSampleId :
PB158270BL

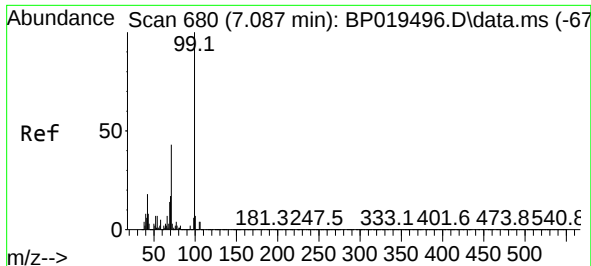
Tgt Ion:152 Resp: 87830
Ion Ratio Lower Upper
152 100
150 152.7 121.8 182.8
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 136.025 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019537.D
Acq: 02 Feb 2024 20:43

Tgt Ion:112 Resp: 741171
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.0
63 34.5 27.0 40.6

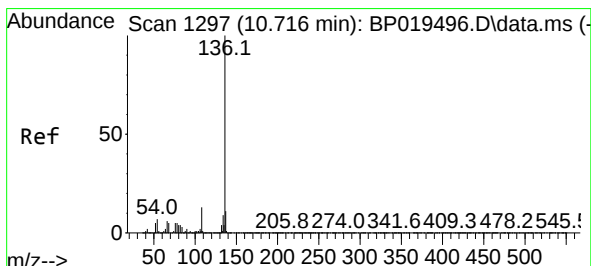
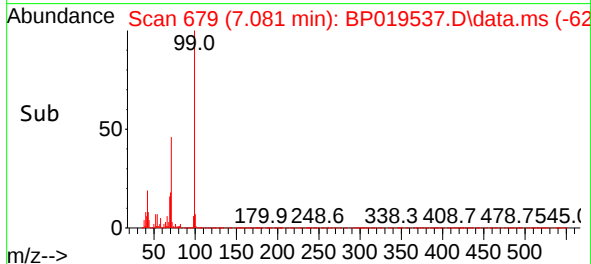
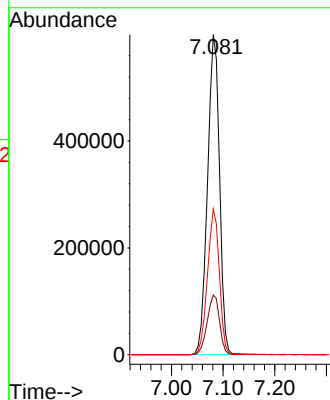
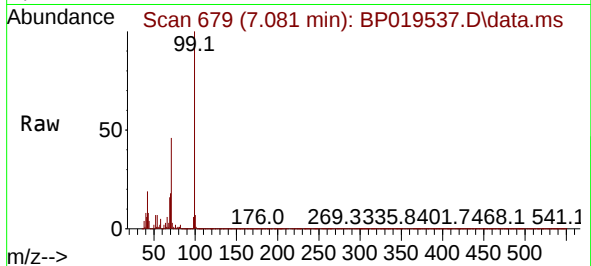




#7
Phenol-d6
Concen: 131.319 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019537.D
Acq: 02 Feb 2024 20:43

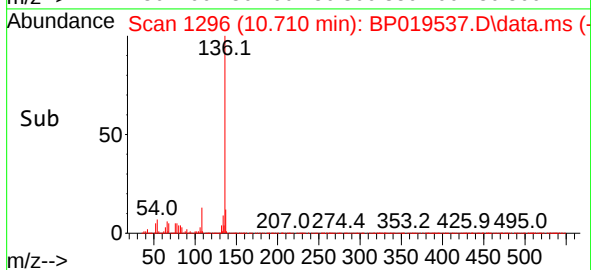
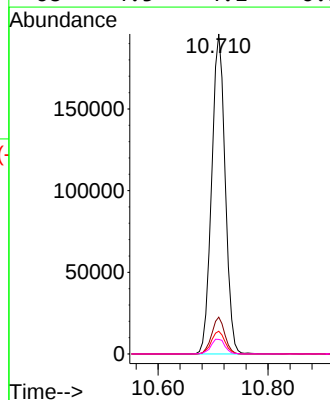
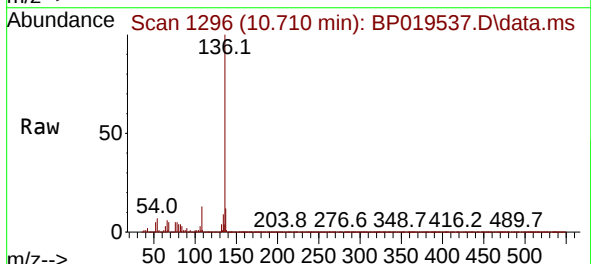
Instrument :
BNA_P
ClientSampleId :
PB158270BL

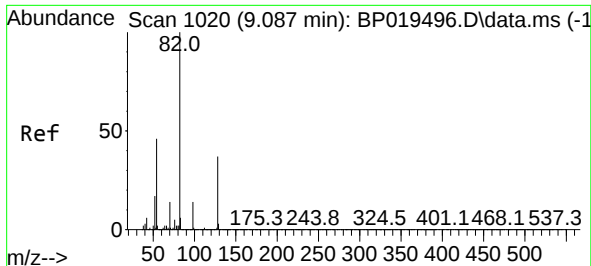
Tgt Ion: 99 Resp: 964794
Ion Ratio Lower Upper
99 100
42 18.7 14.7 22.1
71 45.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019537.D
Acq: 02 Feb 2024 20:43

Tgt Ion: 136 Resp: 334042
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.1 5.3 7.9
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 84.652 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA_P

ClientSampleId :

PB158270BL

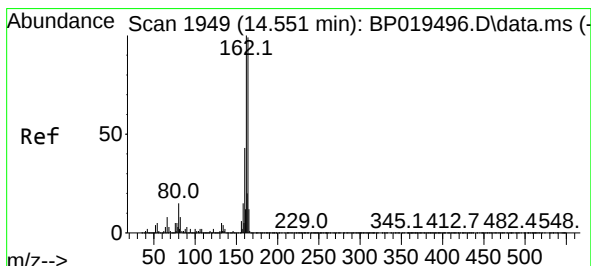
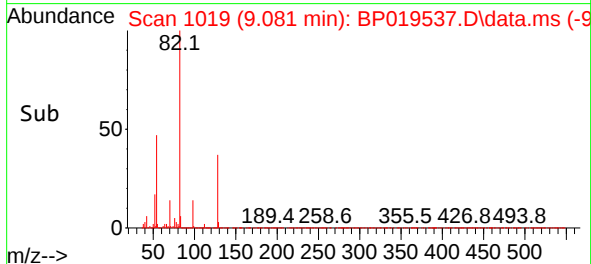
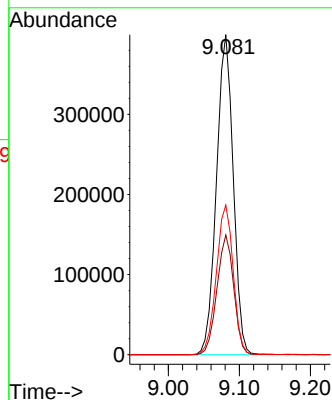
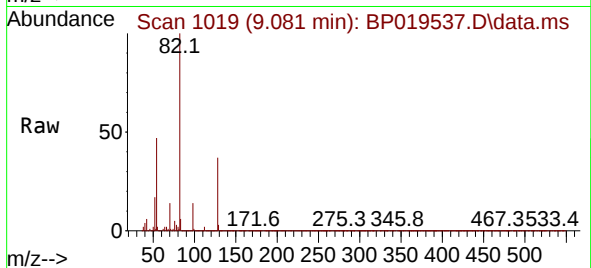
Tgt Ion: 82 Resp: 652579

Ion Ratio Lower Upper

82 100

128 37.4 29.7 44.5

54 46.8 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

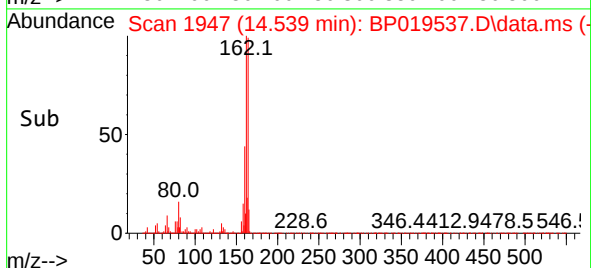
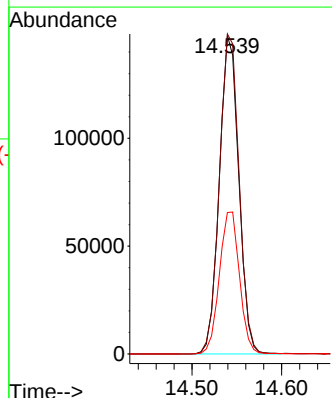
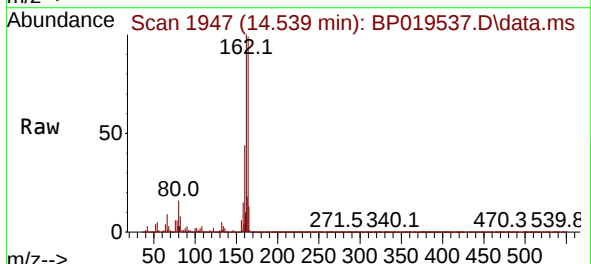
Tgt Ion:164 Resp: 222040

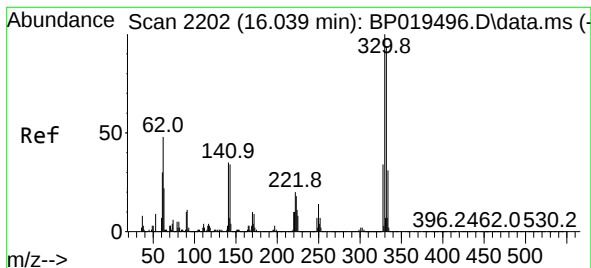
Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 44.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 137.012 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA_P

ClientSampleId :

PB158270BL

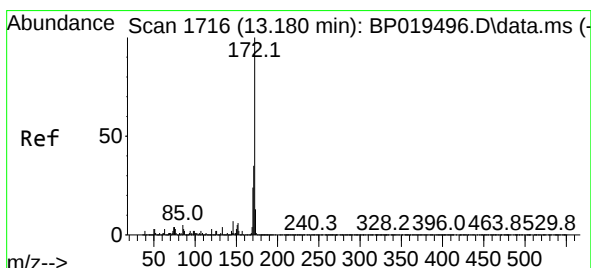
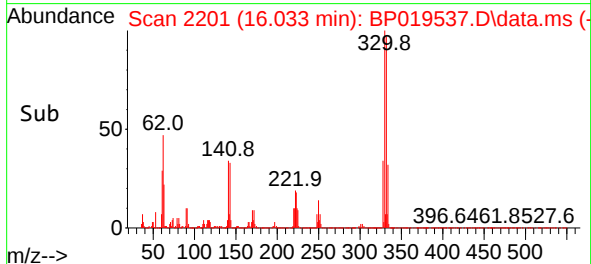
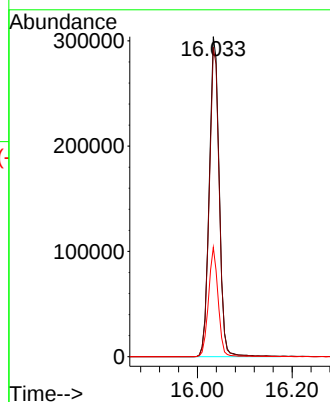
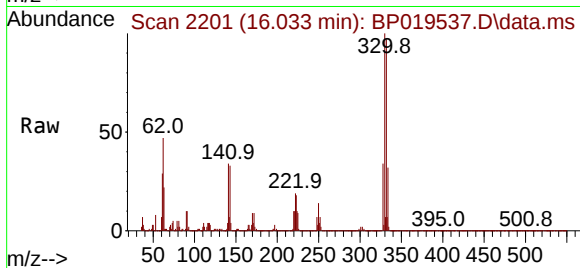
Tgt Ion:330 Resp: 444185

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 33.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 84.102 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

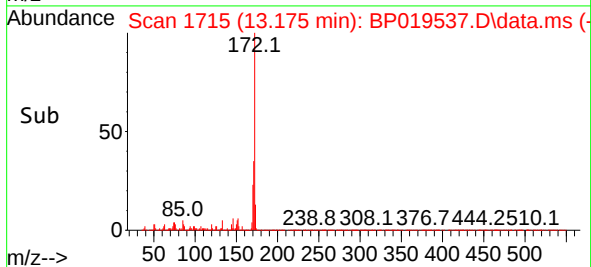
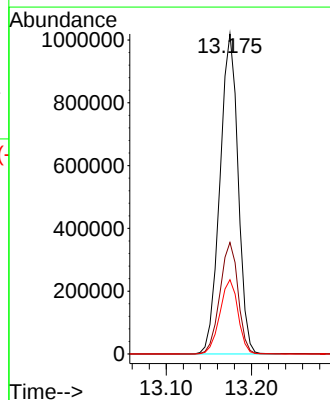
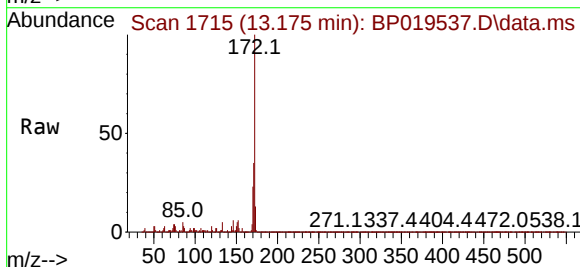
Tgt Ion:172 Resp: 1510558

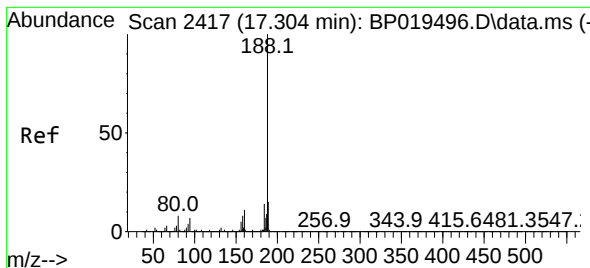
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.2 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: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

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PB158270BL

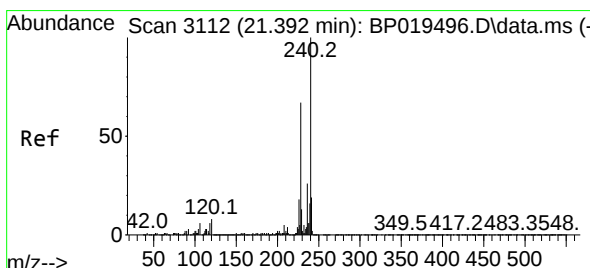
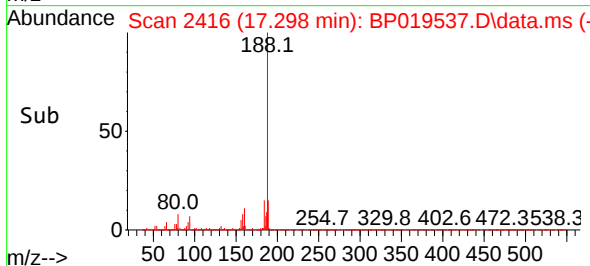
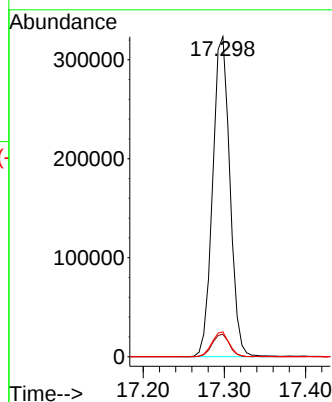
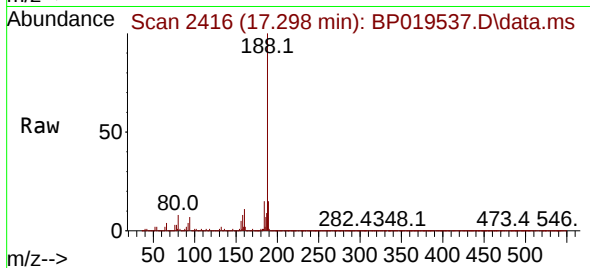
Tgt Ion:188 Resp: 476169

Ion Ratio Lower Upper

188 100

94 7.0 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: BP019537.D

Acq: 02 Feb 2024 20:43

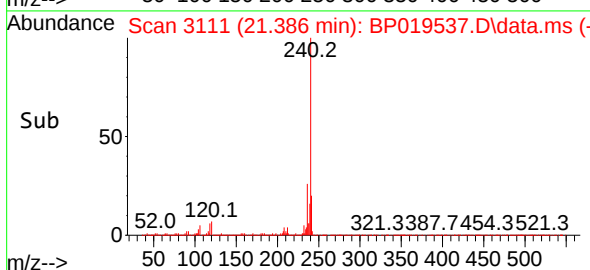
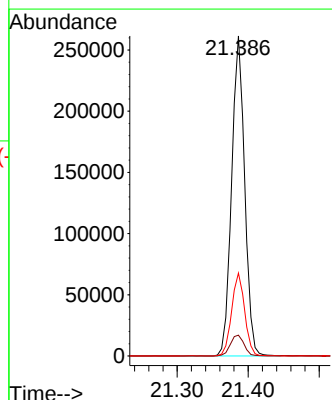
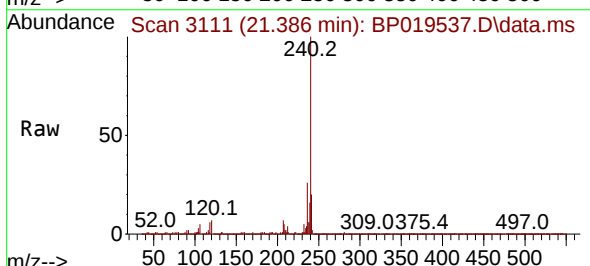
Tgt Ion:240 Resp: 332198

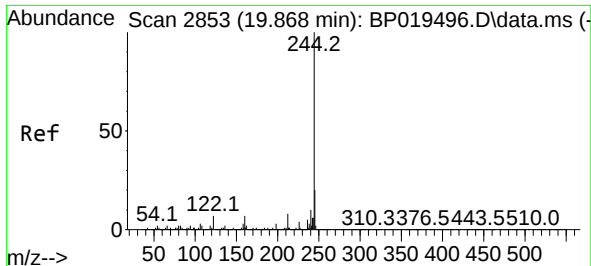
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 25.9 20.7 31.1

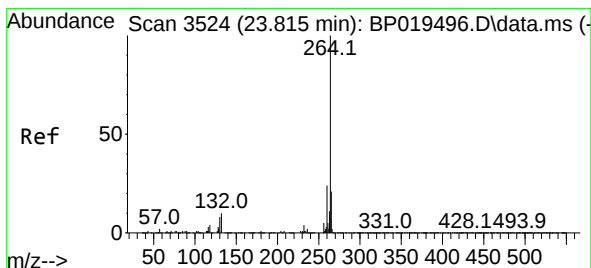
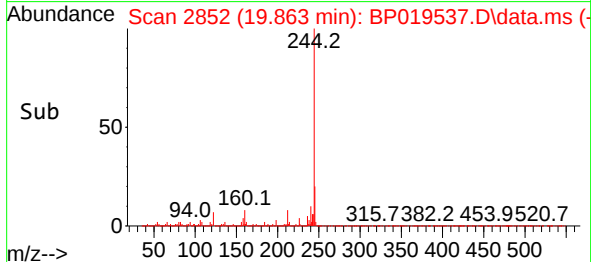
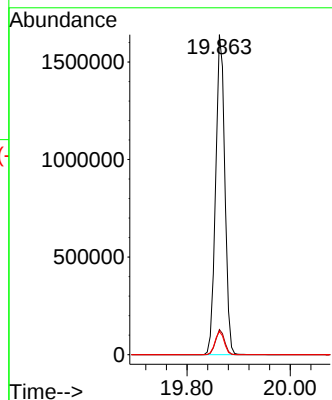
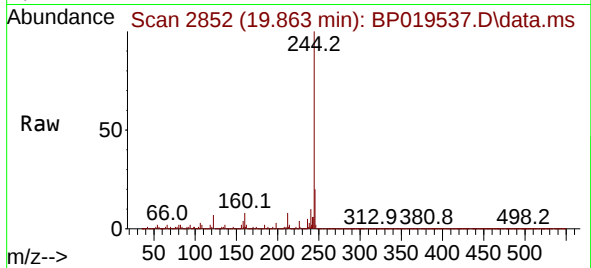




#79
 Terphenyl-d14
 Concen: 99.961 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019537.D
 Acq: 02 Feb 2024 20:43

Instrument :
 BNA_P
 ClientSampleId :
 PB158270BL

Tgt Ion:244 Resp: 2019216
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 7.3 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: BP019537.D
 Acq: 02 Feb 2024 20:43

Tgt Ion:264 Resp: 404210
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.7 17.0 25.4

