

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
 Data File : BP019578.D
 Acq On : 06 Feb 2024 17:34
 Operator : MA/JU
 Sample : PB158822BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158822BL

Quant Time: Feb 07 01:06:07 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	93673	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	328689	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	191801	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	351870	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	344196	20.000	ng	0.00
86) Perylene-d12	23.804	264	470681	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	693486	119.335	ng	0.00
7) Phenol-d6	7.081	99	877890	112.037	ng	0.00
23) Nitrobenzene-d5	9.075	82	601127	79.247	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	300019	107.133	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1286617	82.927	ng	-0.01
79) Terphenyl-d14	19.863	244	1490459	71.213	ng	0.00

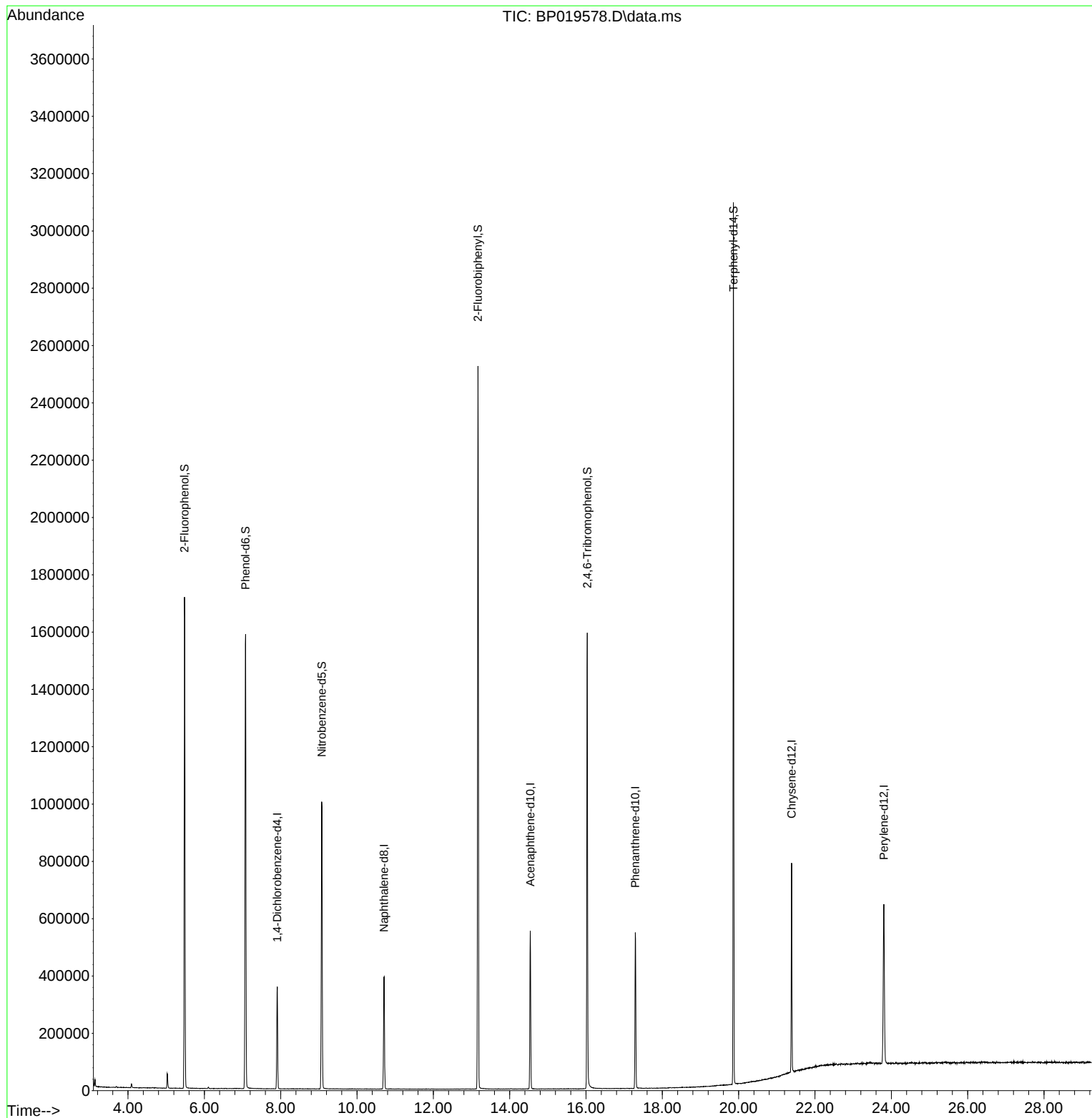
Target Compounds	Qvalue

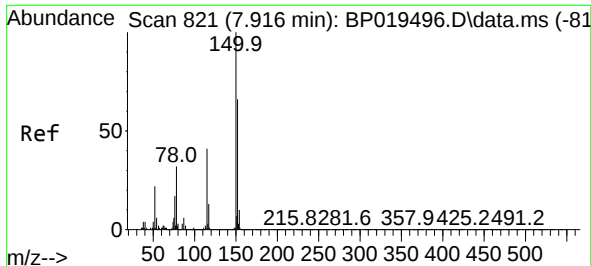
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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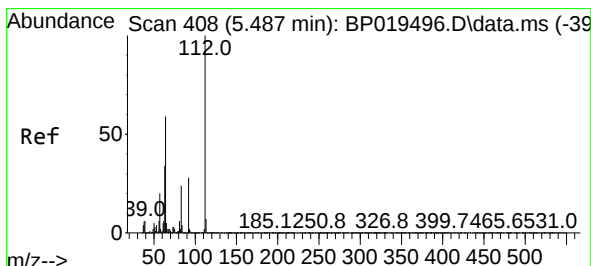
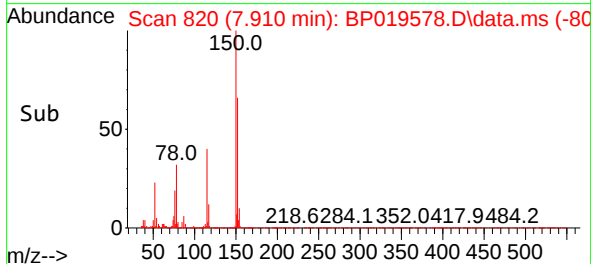
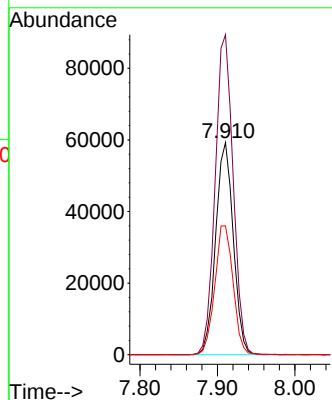
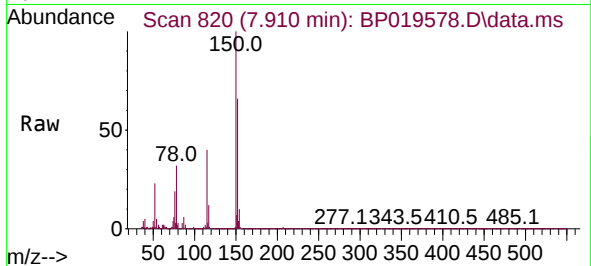




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019578.D
Acq: 06 Feb 2024 17:34

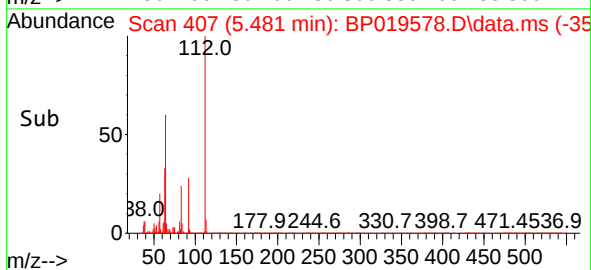
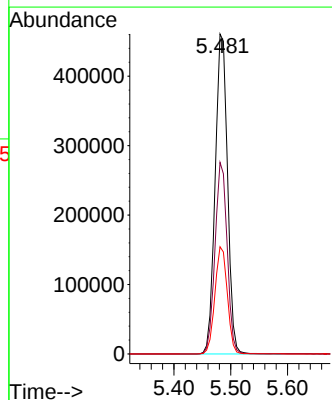
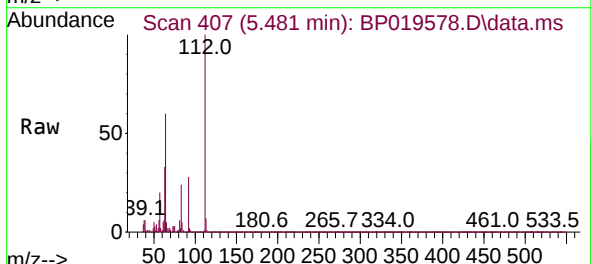
Instrument :
BNA_P
ClientSampleId :
PB158822BL

Tgt Ion:152 Resp: 93673
Ion Ratio Lower Upper
152 100
150 150.8 121.8 182.8
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 119.335 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019578.D
Acq: 06 Feb 2024 17:34

Tgt Ion:112 Resp: 693486
Ion Ratio Lower Upper
112 100
64 59.8 47.4 71.0
63 33.5 27.0 40.6

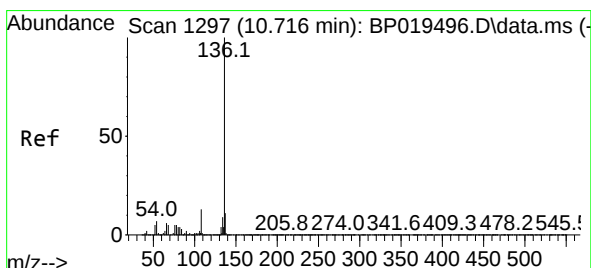
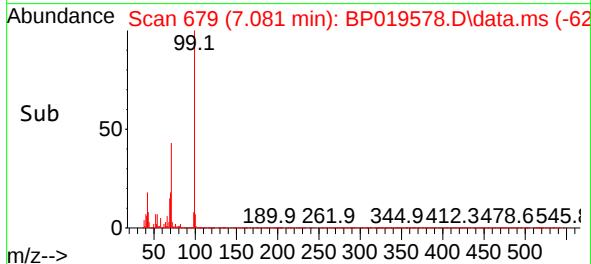
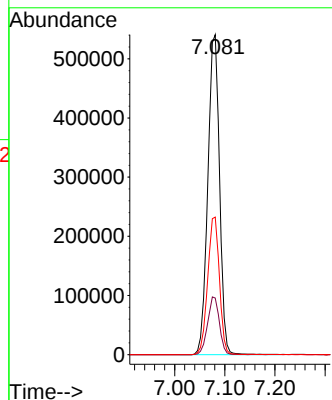
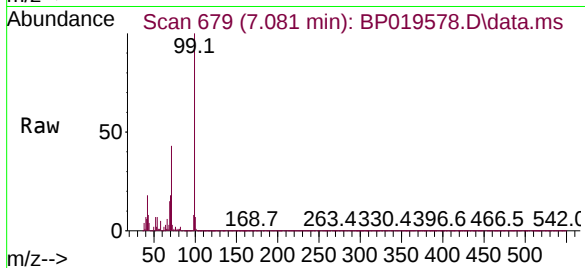




#7
Phenol-d6
Concen: 112.037 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019578.D
Acq: 06 Feb 2024 17:34

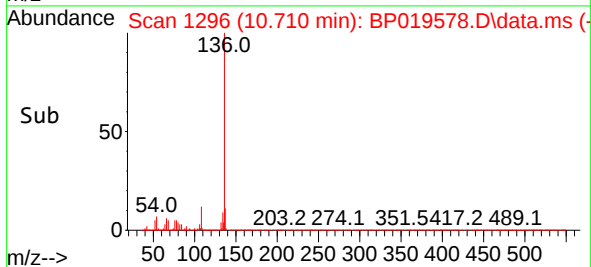
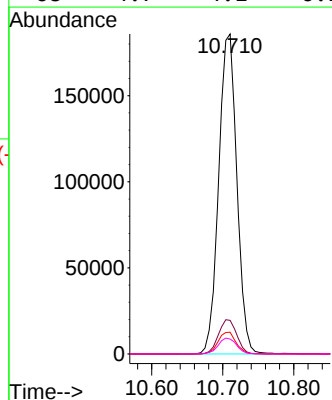
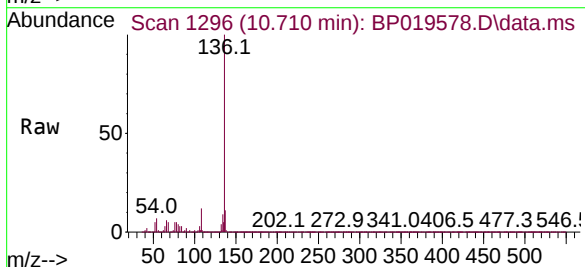
Instrument :
BNA_P
ClientSampleId :
PB158822BL

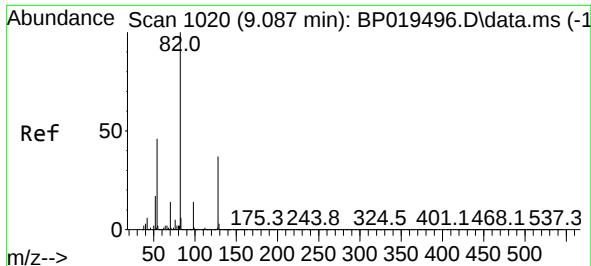
Tgt Ion: 99 Resp: 877890
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 43.0 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019578.D
Acq: 06 Feb 2024 17:34

Tgt Ion: 136 Resp: 328689
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.8 5.3 7.9
68 4.7 4.1 6.1

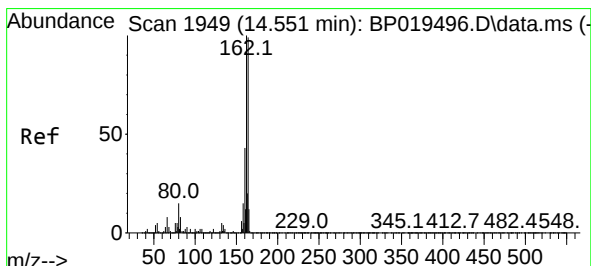
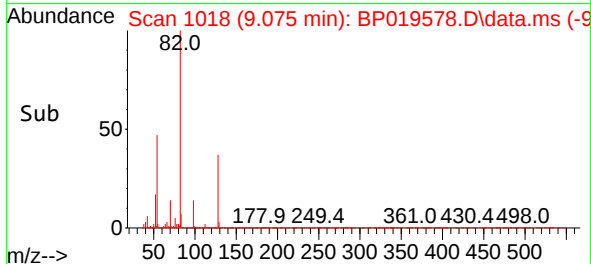
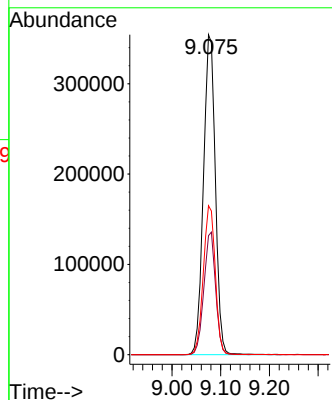
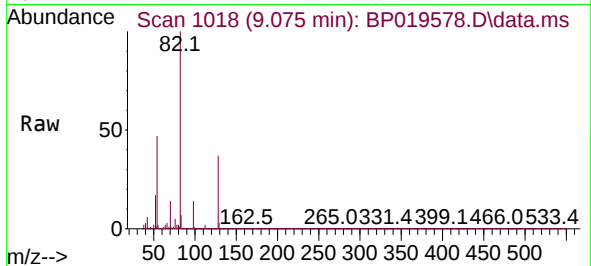




#23
Nitrobenzene-d5
Concen: 79.247 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019578.D
Acq: 06 Feb 2024 17:34

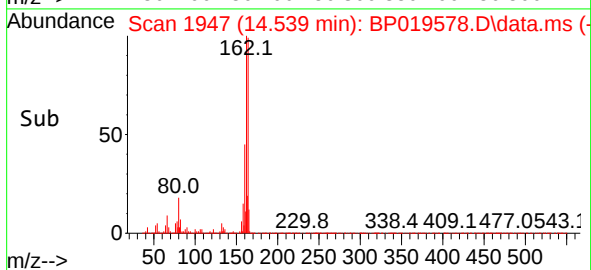
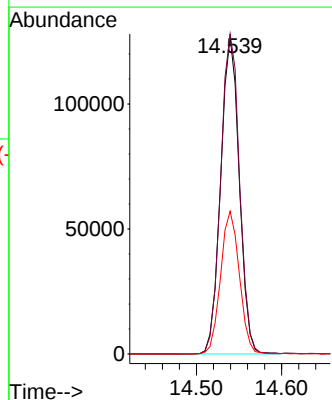
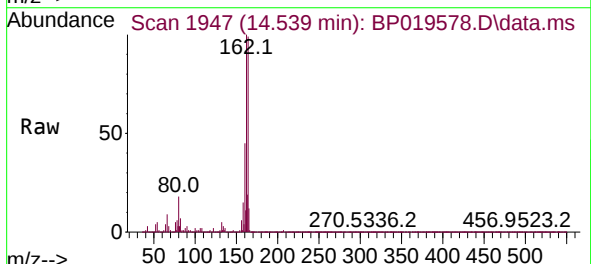
Instrument :
BNA_P
ClientSampleId :
PB158822BL

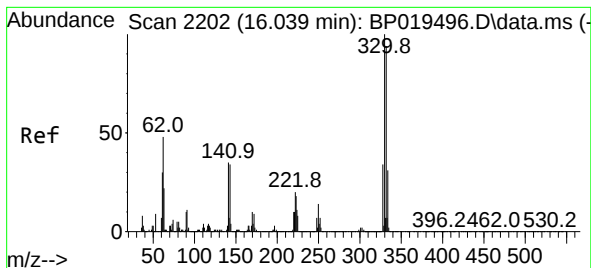
Tgt Ion: 82 Resp: 601127
Ion Ratio Lower Upper
82 100
128 37.2 29.7 44.5
54 46.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019578.D
Acq: 06 Feb 2024 17:34

Tgt Ion: 164 Resp: 191801
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 107.133 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019578.D

Acq: 06 Feb 2024 17:34

Instrument :

BNA_P

ClientSampleId :

PB158822BL

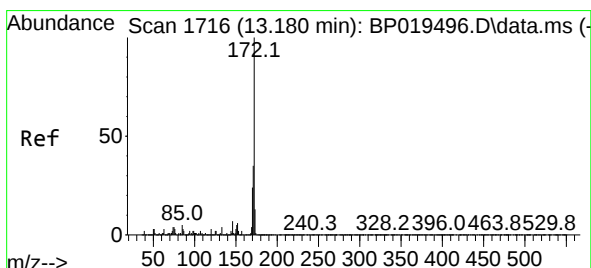
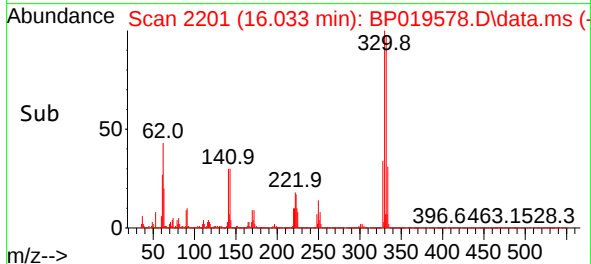
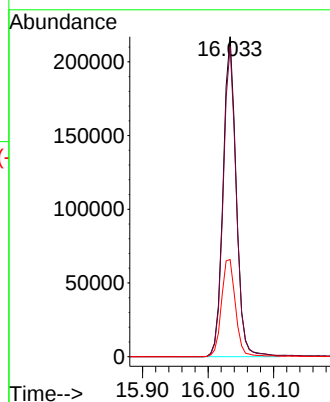
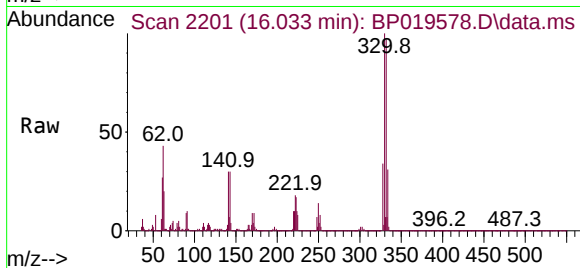
Tgt Ion:330 Resp: 300019

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 32.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 82.927 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019578.D

Acq: 06 Feb 2024 17:34

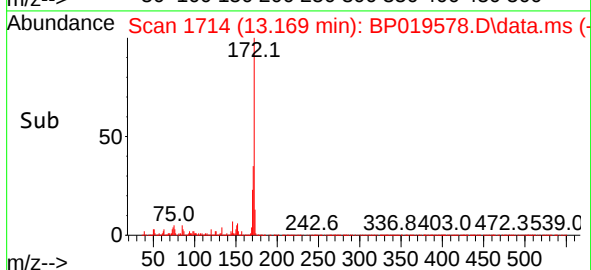
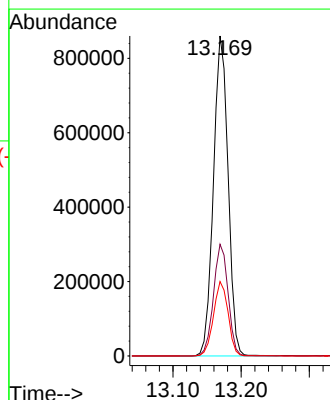
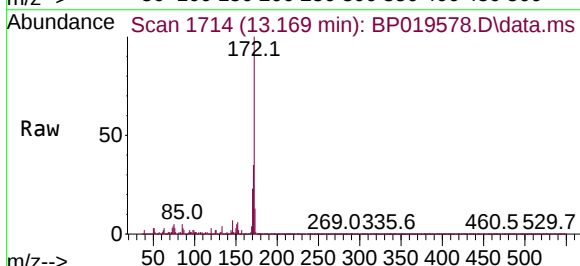
Tgt Ion:172 Resp: 1286617

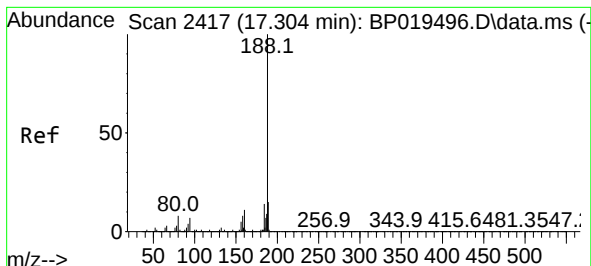
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019578.D

Acq: 06 Feb 2024 17:34

Instrument :

BNA_P

ClientSampleId :

PB158822BL

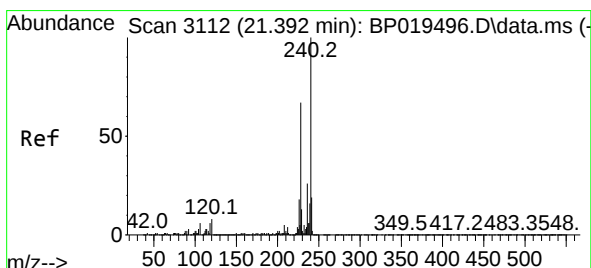
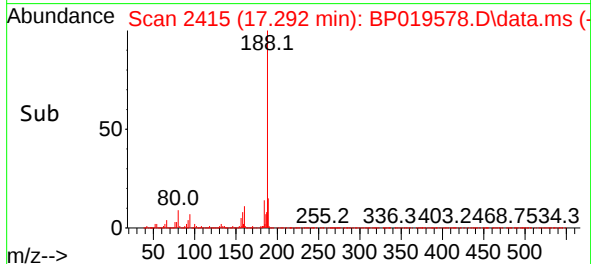
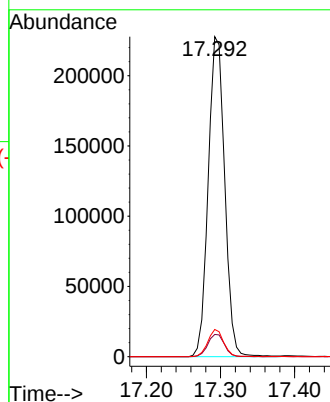
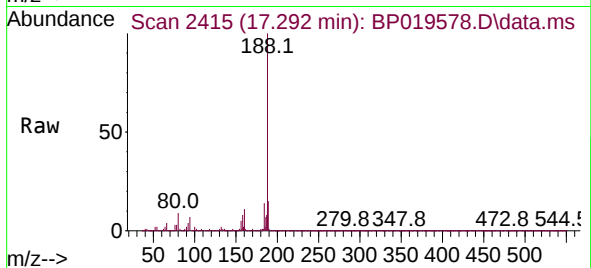
Tgt Ion:188 Resp: 351870

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 8.5 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: BP019578.D

Acq: 06 Feb 2024 17:34

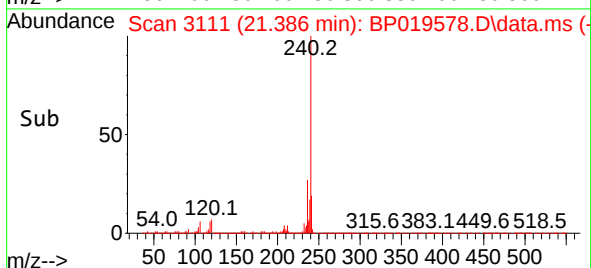
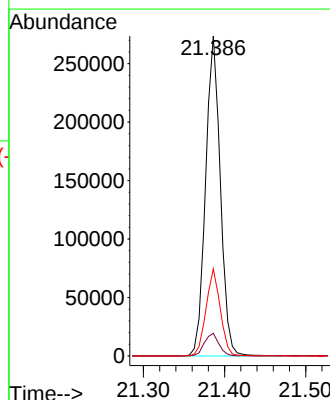
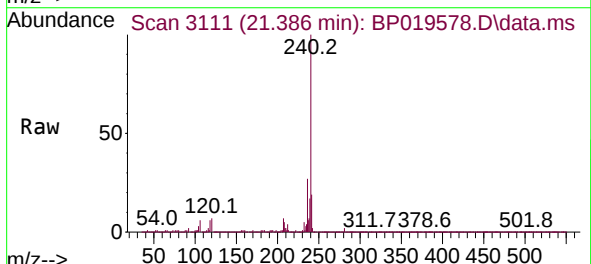
Tgt Ion:240 Resp: 344196

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

236 27.2 20.7 31.1

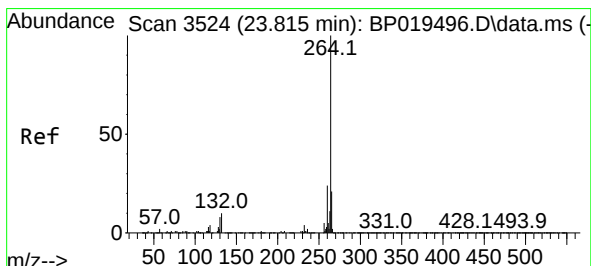
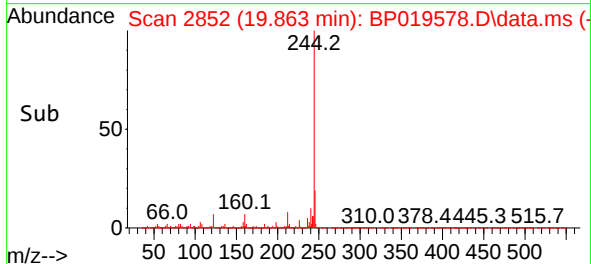
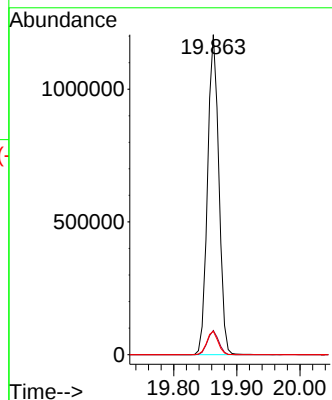
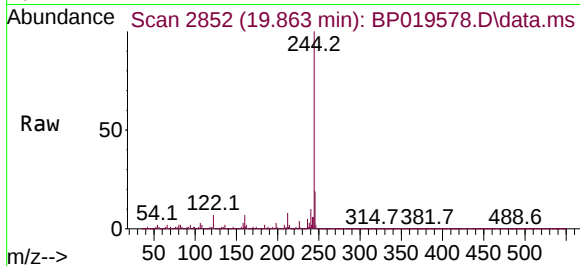




#79
 Terphenyl-d14
 Concen: 71.213 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019578.D
 Acq: 06 Feb 2024 17:34

Instrument :
 BNA_P
 ClientSampleId :
 PB158822BL

Tgt Ion:244 Resp: 1490459
 Ion Ratio Lower Upper
 244 100
 212 7.6 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: BP019578.D
 Acq: 06 Feb 2024 17:34

Tgt Ion:264 Resp: 470681
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 17.0 25.4

