

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019716.D
 Acq On : 15 Feb 2024 11:09
 Operator : MA/JU
 Sample : PB158973BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158973BL

Quant Time: Feb 15 11:37:21 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	7.905	152	68001	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	249498	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	158478	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	373865	20.000	ng	0.00
76) Chrysene-d12	21.392	240	361380	20.000	ng	0.00
86) Perylene-d12	23.815	264	441522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	512640	121.518	ng	0.00
7) Phenol-d6	7.081	99	627805	110.369	ng	0.00
23) Nitrobenzene-d5	9.075	82	440129	76.439	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	349120	150.880	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1004799	78.381	ng	-0.01
79) Terphenyl-d14	19.863	244	1937141	88.154	ng	0.00

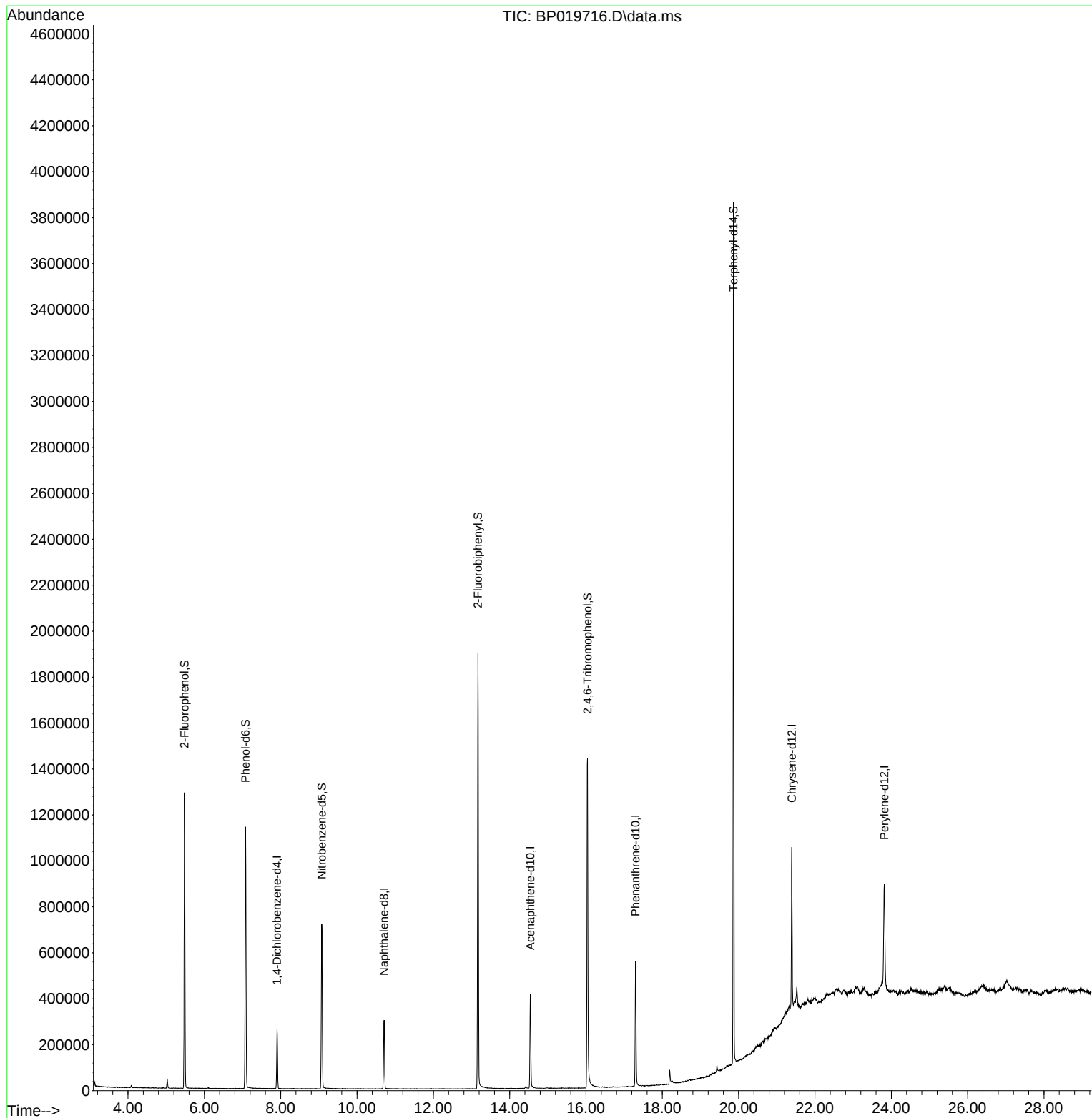
Target Compounds	Qvalue

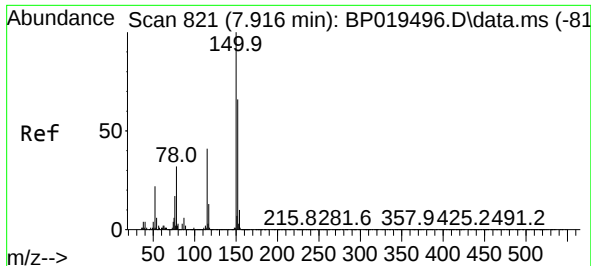
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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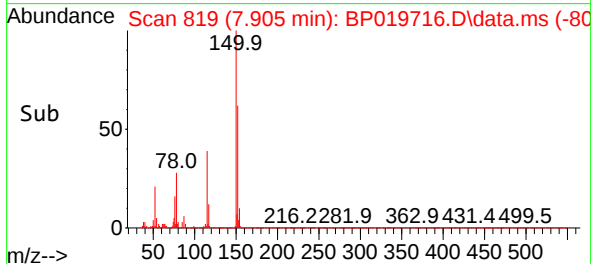
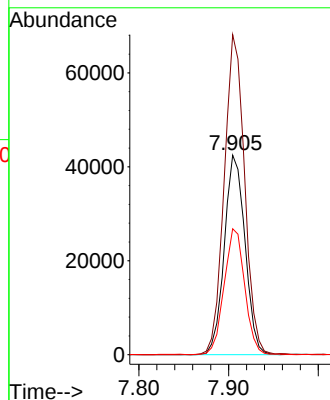
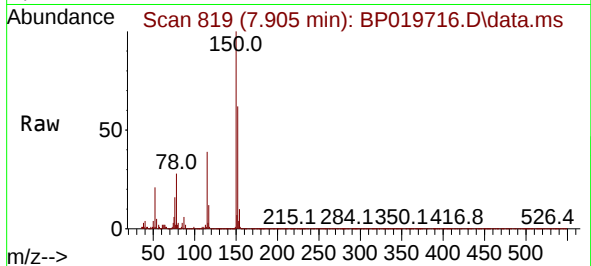




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019716.D
Acq: 15 Feb 2024 11:09

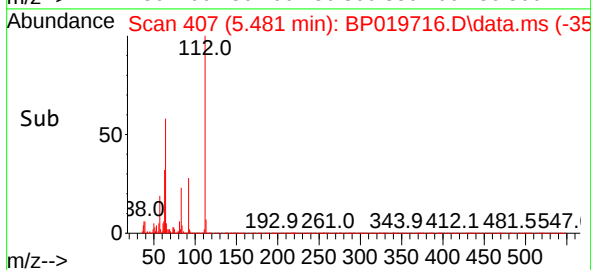
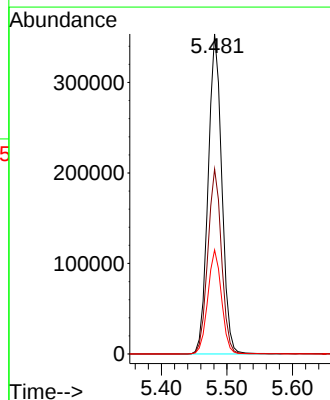
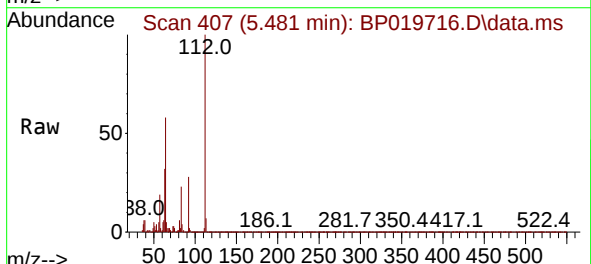
Instrument :
BNA_P
ClientSampleId :
PB158973BL

Tgt Ion:152 Resp: 68001
Ion Ratio Lower Upper
152 100
150 160.3 121.8 182.8
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 121.518 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019716.D
Acq: 15 Feb 2024 11:09

Tgt Ion:112 Resp: 512640
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.0
63 32.5 27.0 40.6

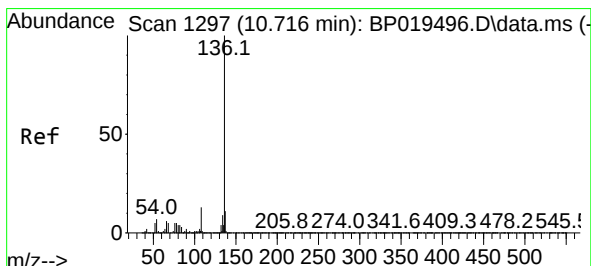
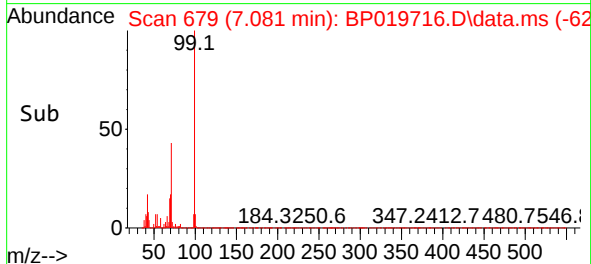
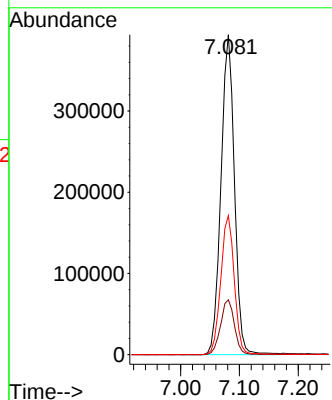
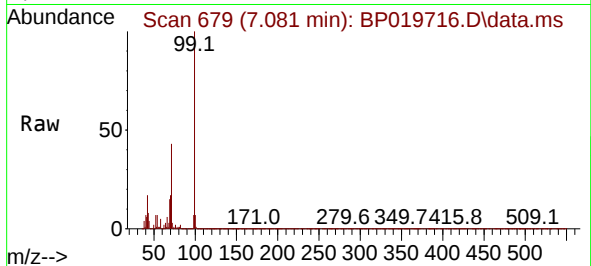




#7
Phenol-d6
Concen: 110.369 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019716.D
Acq: 15 Feb 2024 11:09

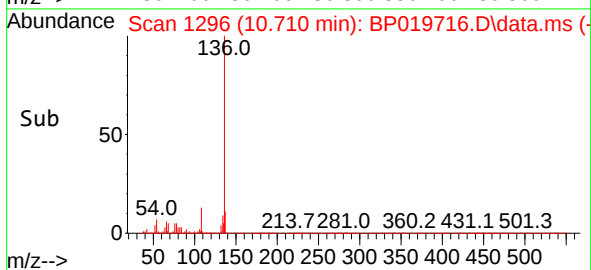
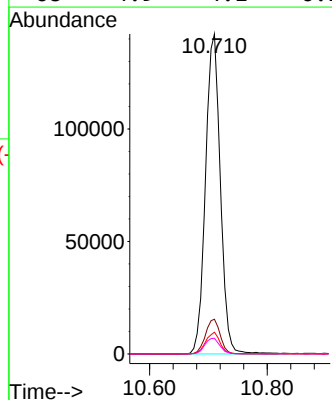
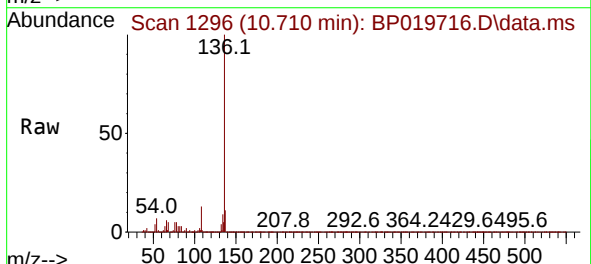
Instrument :
BNA_P
ClientSampleId :
PB158973BL

Tgt Ion: 99 Resp: 627805
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 43.4 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: BP019716.D
Acq: 15 Feb 2024 11:09

Tgt Ion: 136 Resp: 249498
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 5.3 7.9
68 4.9 4.1 6.1

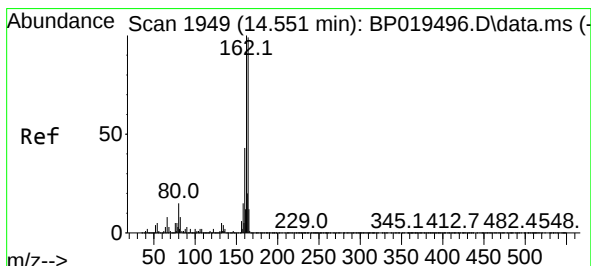
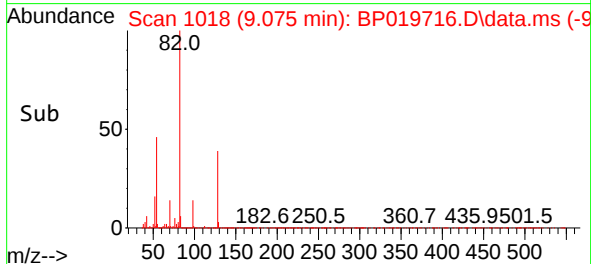
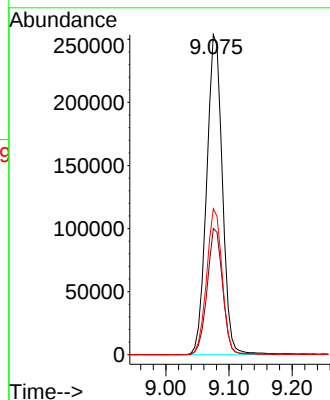
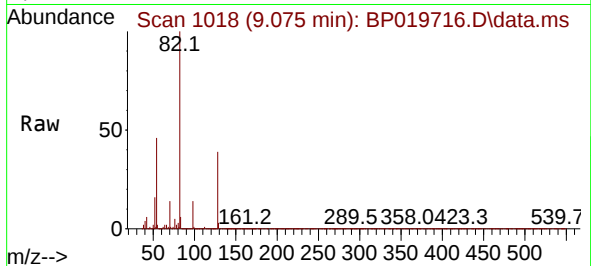




#23
Nitrobenzene-d5
Concen: 76.439 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019716.D
Acq: 15 Feb 2024 11:09

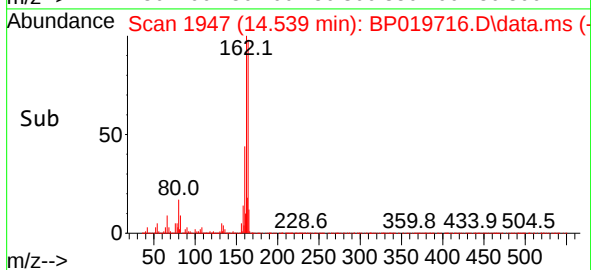
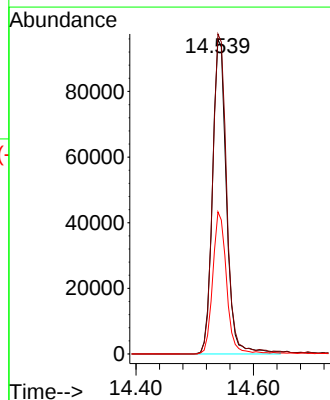
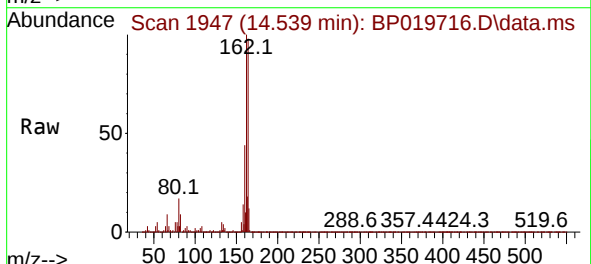
Instrument :
BNA_P
ClientSampleId :
PB158973BL

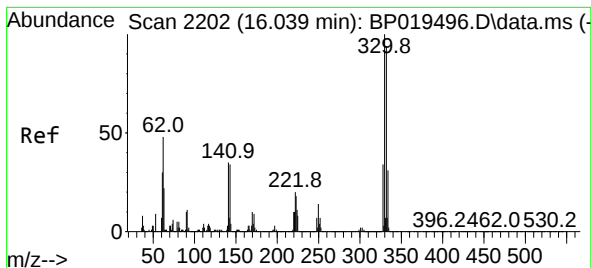
Tgt Ion: 82 Resp: 440129
Ion Ratio Lower Upper
82 100
128 39.4 29.7 44.5
54 45.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019716.D
Acq: 15 Feb 2024 11:09

Tgt Ion:164 Resp: 158478
Ion Ratio Lower Upper
164 100
162 101.7 81.2 121.8
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 150.880 ng

RT: 16.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019716.D

Acq: 15 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB158973BL

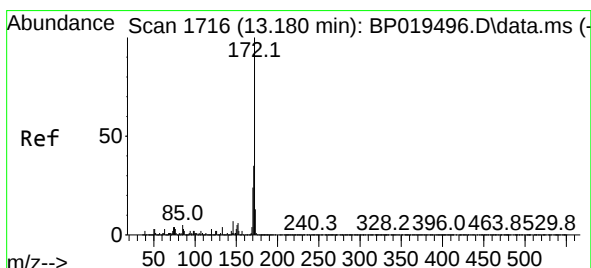
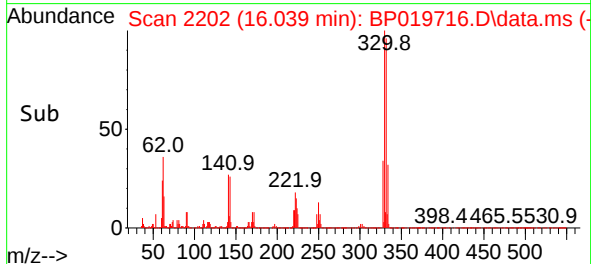
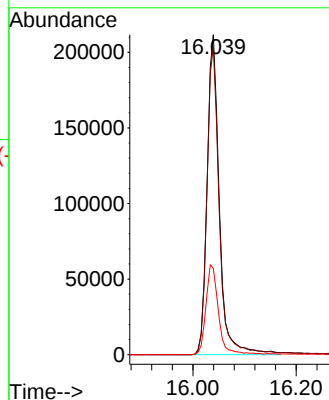
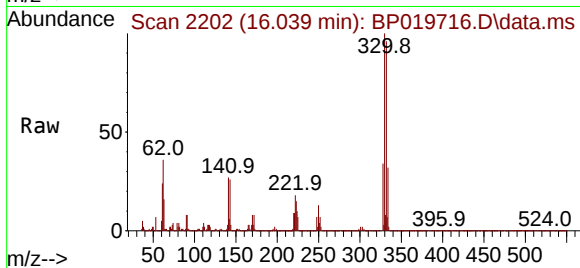
Tgt Ion:330 Resp: 349120

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

141 28.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 78.381 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019716.D

Acq: 15 Feb 2024 11:09

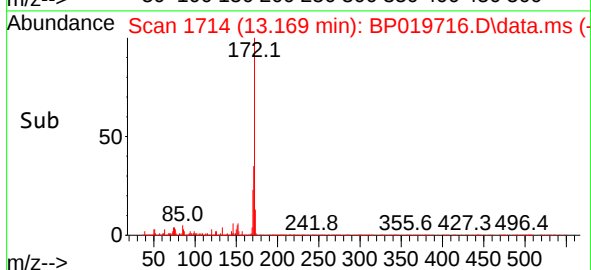
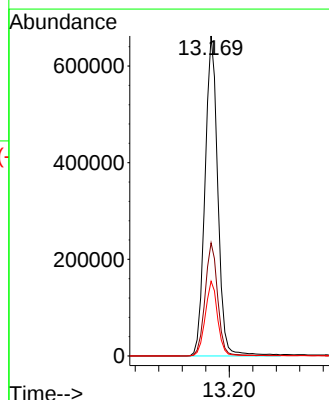
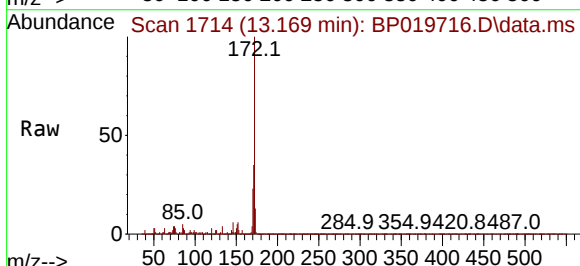
Tgt Ion:172 Resp: 1004799

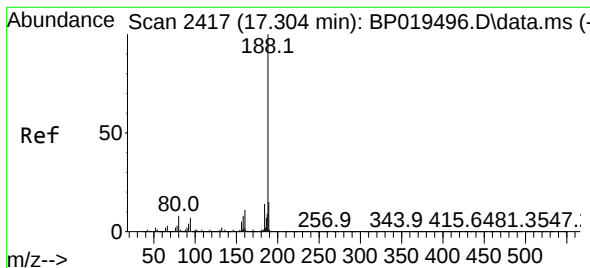
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.4 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: BP019716.D

Acq: 15 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB158973BL

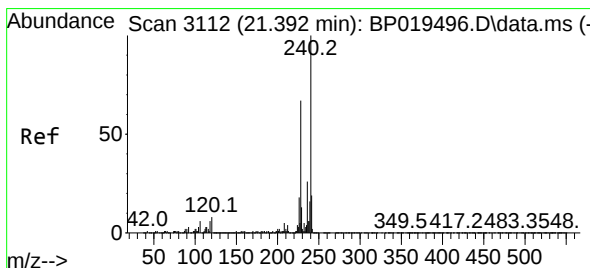
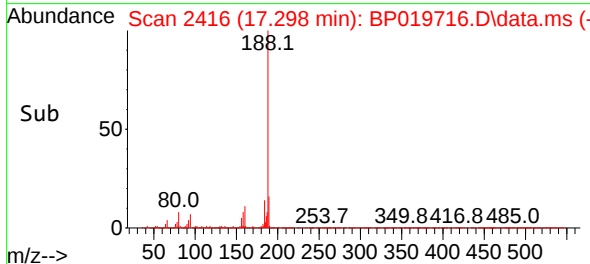
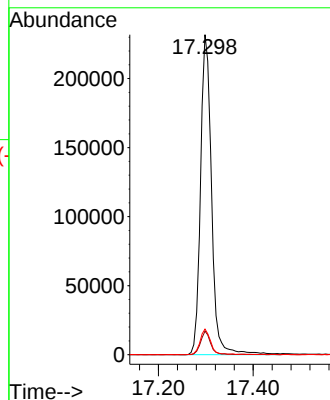
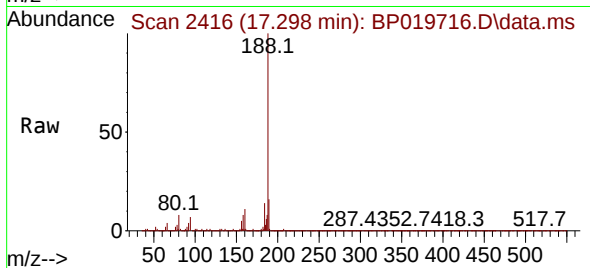
Tgt Ion:188 Resp: 373865

Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.2

80 8.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019716.D

Acq: 15 Feb 2024 11:09

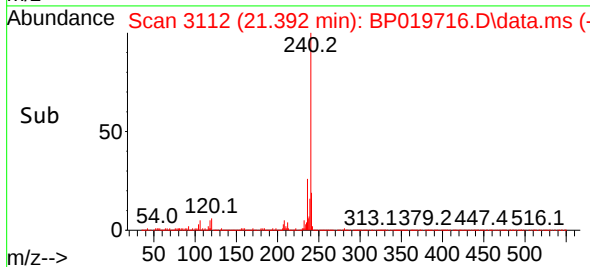
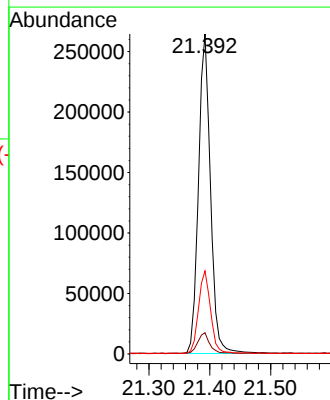
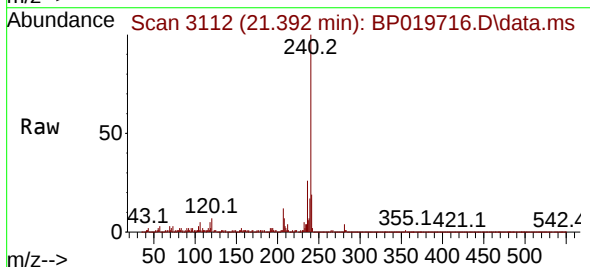
Tgt Ion:240 Resp: 361380

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 88.154 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019716.D

Acq: 15 Feb 2024 11:09

Instrument :

BNA_P

ClientSampleId :

PB158973BL

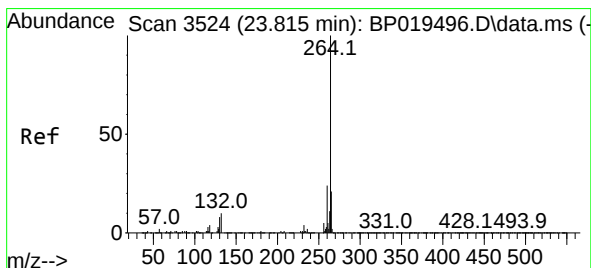
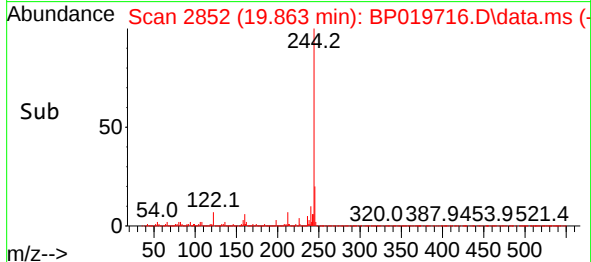
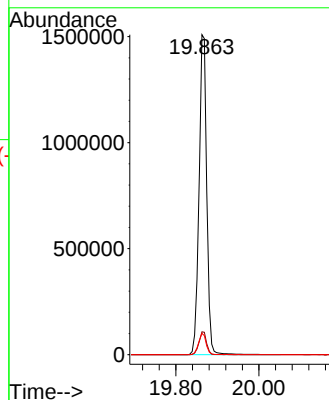
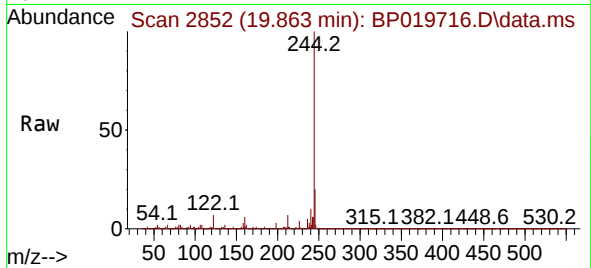
Tgt Ion:244 Resp: 1937141

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019716.D

Acq: 15 Feb 2024 11:09

Tgt Ion:264 Resp: 441522

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.3 17.0 25.4

