

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019909.D
 Acq On : 28 Feb 2024 10:50
 Operator : MA/JU
 Sample : PB159054BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BL

Quant Time: Feb 28 12:16:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	96110	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	365146	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	378525	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	956316	20.000	ng	0.00
76) Chrysene-d12	21.404	240	883534	20.000	ng	0.00
86) Perylene-d12	23.827	264	852488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	733195	125.215	ng	0.00
7) Phenol-d6	7.075	99	979442	112.348	ng	0.00
23) Nitrobenzene-d5	9.075	82	662752	73.275	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	840821	129.548	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	2271447	81.077	ng	0.00
79) Terphenyl-d14	19.880	244	4768304	85.062	ng	0.00

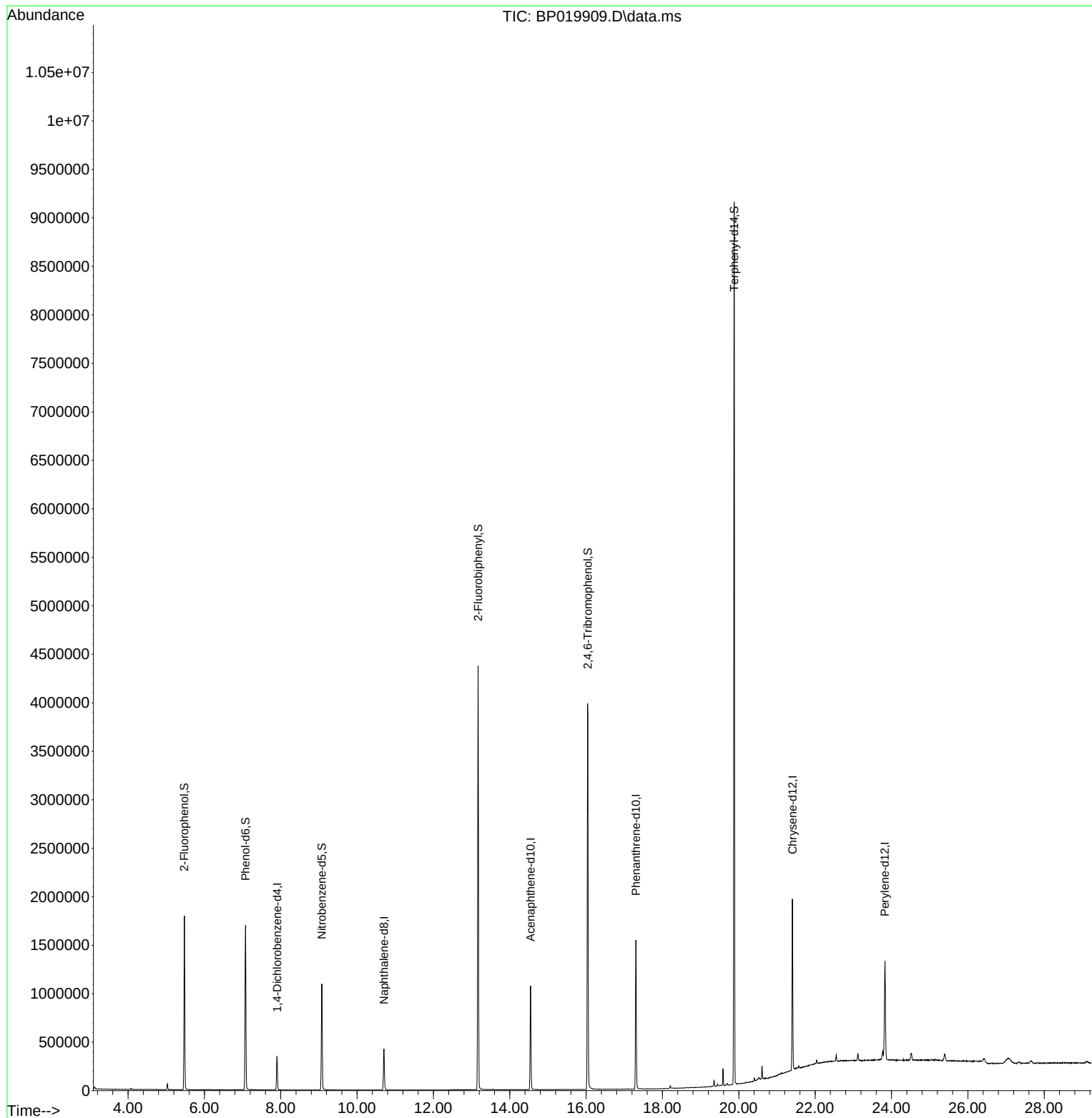
Target Compounds	Qvalue

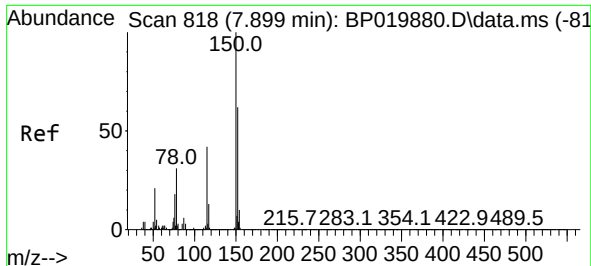
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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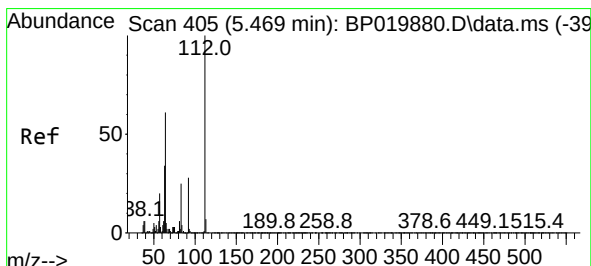
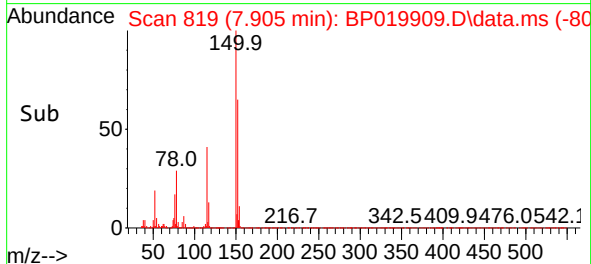
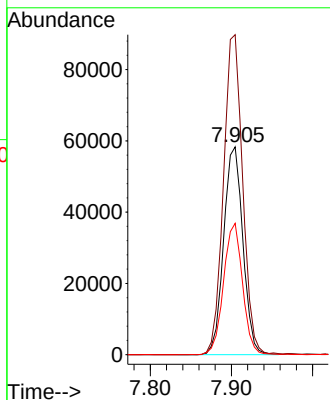
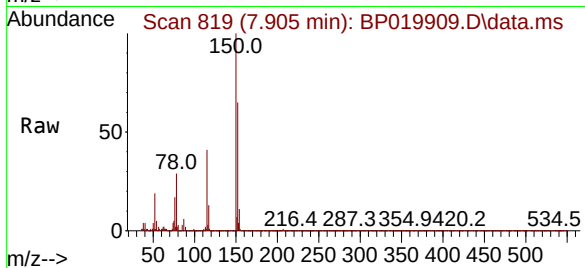




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019909.D
Acq: 28 Feb 2024 10:50

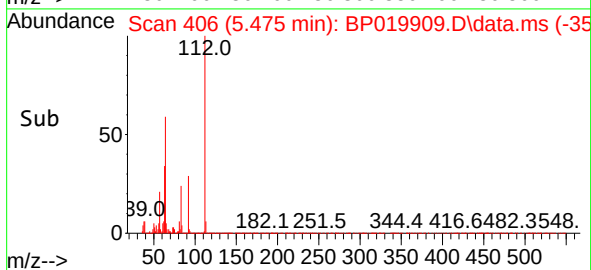
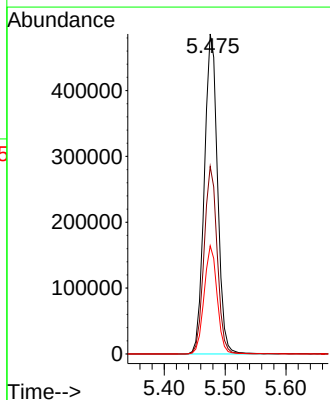
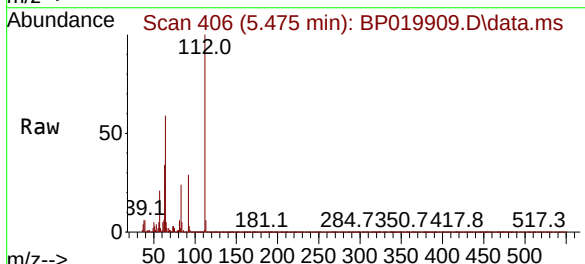
Instrument :
BNA_P
ClientSampleId :
PB159054BL

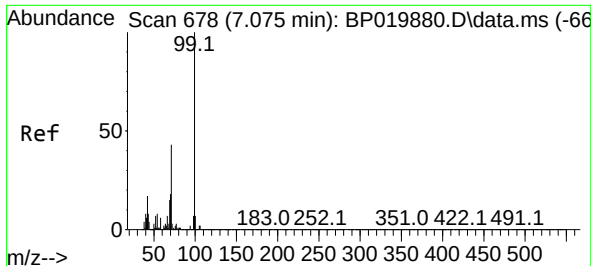
Tgt Ion:152 Resp: 96110
Ion Ratio Lower Upper
152 100
150 154.0 128.6 192.8
115 63.2 53.4 80.2



#5
2-Fluorophenol
Concen: 125.215 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP019909.D
Acq: 28 Feb 2024 10:50

Tgt Ion:112 Resp: 733195
Ion Ratio Lower Upper
112 100
64 58.6 49.0 73.6
63 33.8 27.6 41.4

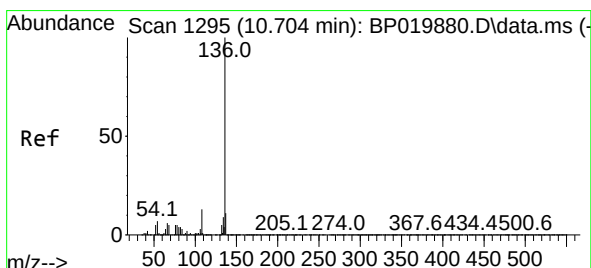
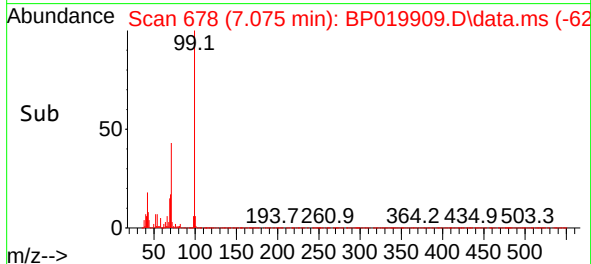
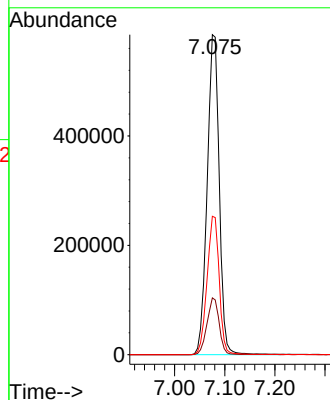
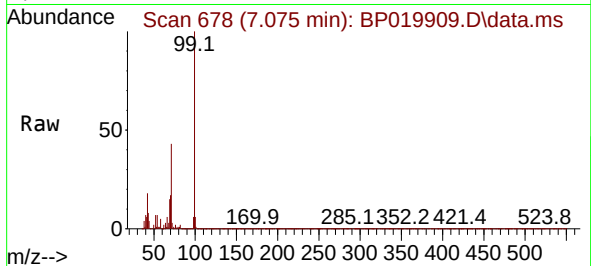




#7
Phenol-d6
Concen: 112.348 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019909.D
Acq: 28 Feb 2024 10:50

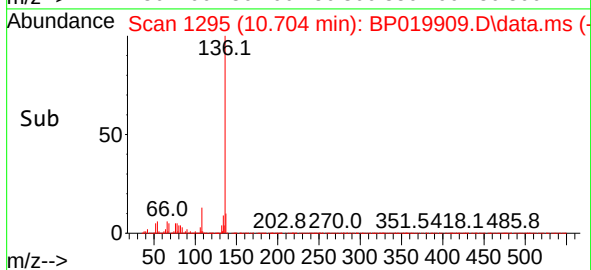
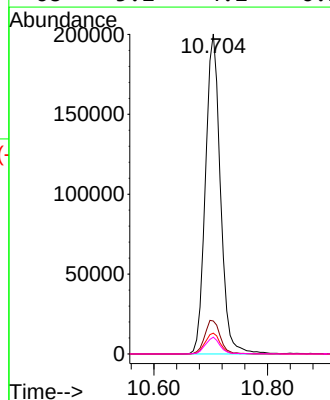
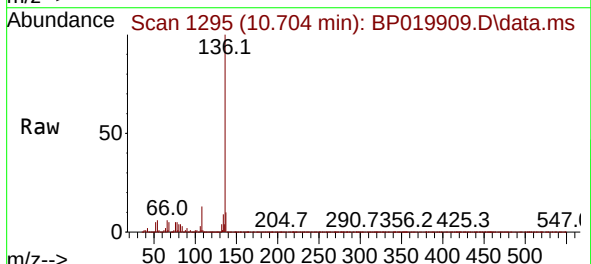
Instrument :
BNA_P
ClientSampleId :
PB159054BL

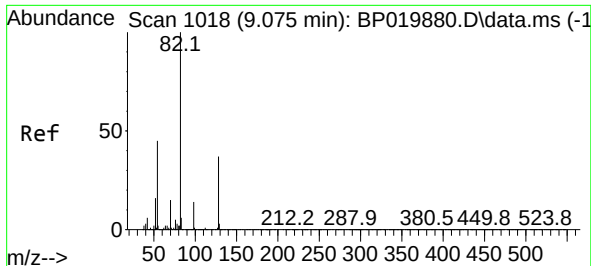
Tgt Ion: 99 Resp: 979442
Ion Ratio Lower Upper
99 100
42 17.8 13.8 20.8
71 43.2 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP019909.D
Acq: 28 Feb 2024 10:50

Tgt Ion: 136 Resp: 365146
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 6.5 6.0 9.0
68 5.2 4.2 6.2

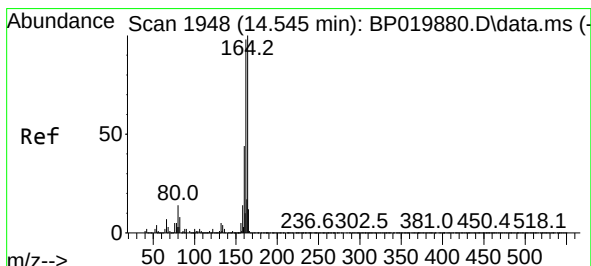
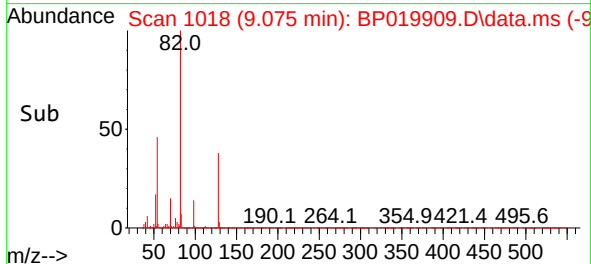
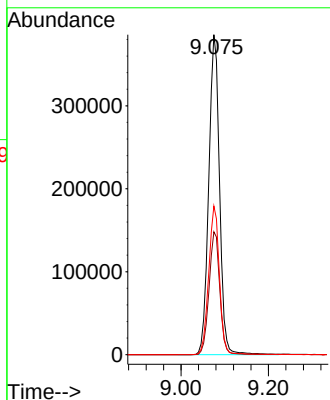
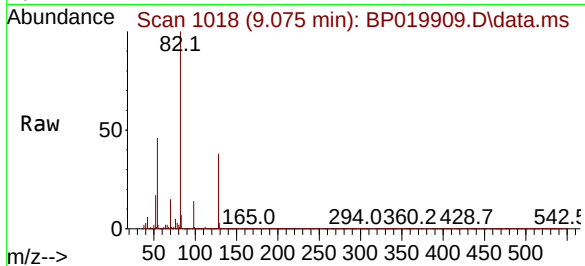




#23
 Nitrobenzene-d5
 Concen: 73.275 ng
 RT: 9.075 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: BP019909.D
 Acq: 28 Feb 2024 10:50

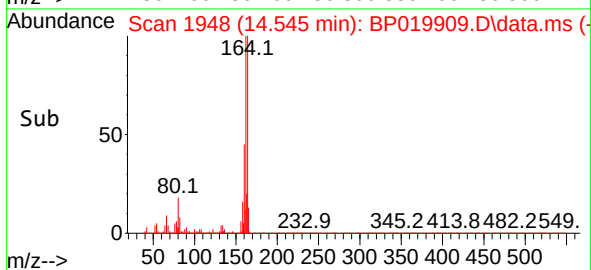
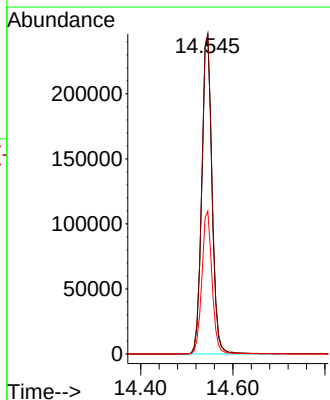
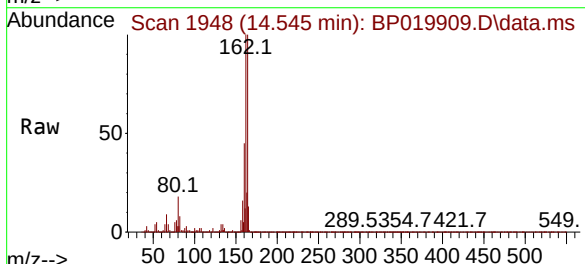
Instrument :
 BNA_P
 ClientSampleId :
 PB159054BL

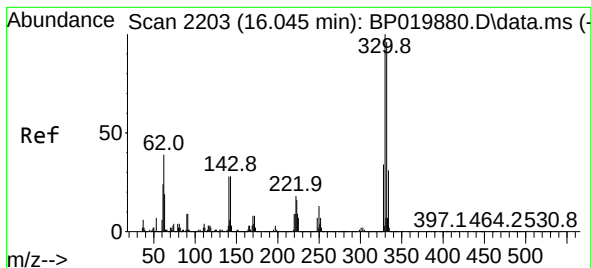
Tgt Ion: 82 Resp: 662752
 Ion Ratio Lower Upper
 82 100
 128 38.4 29.6 44.4
 54 46.4 36.3 54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.545 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: BP019909.D
 Acq: 28 Feb 2024 10:50

Tgt Ion: 164 Resp: 378525
 Ion Ratio Lower Upper
 164 100
 162 99.6 78.1 117.1
 160 44.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 129.548 ng

RT: 16.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019909.D

Acq: 28 Feb 2024 10:50

Instrument :

BNA_P

ClientSampleId :

PB159054BL

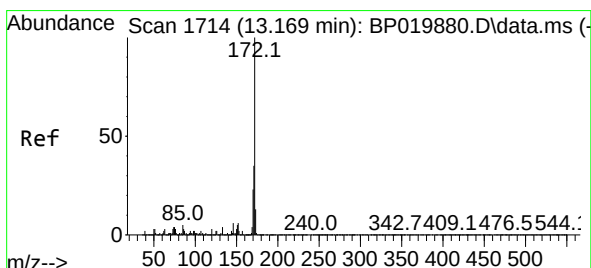
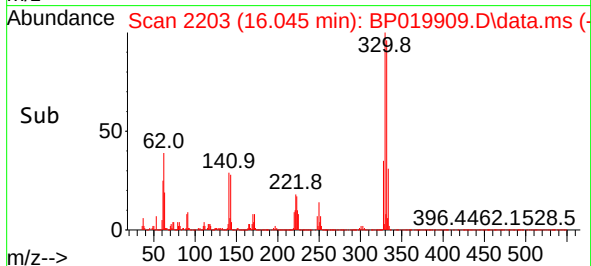
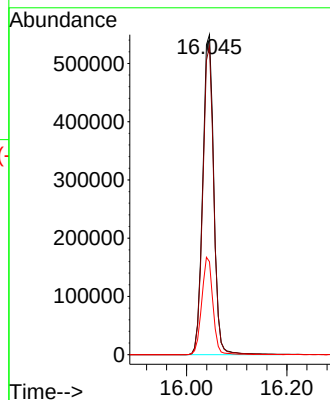
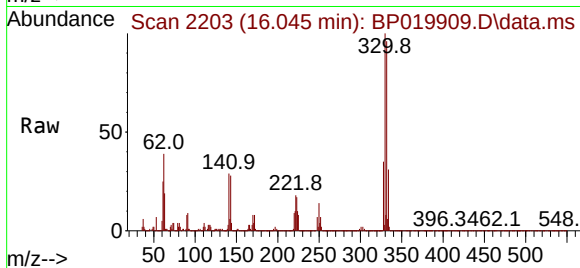
Tgt Ion:330 Resp: 840821

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

141 30.8 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 81.077 ng

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP019909.D

Acq: 28 Feb 2024 10:50

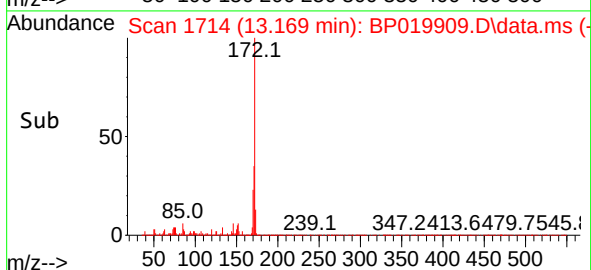
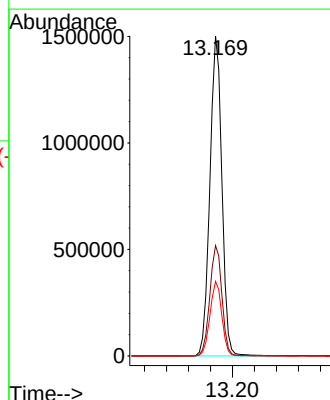
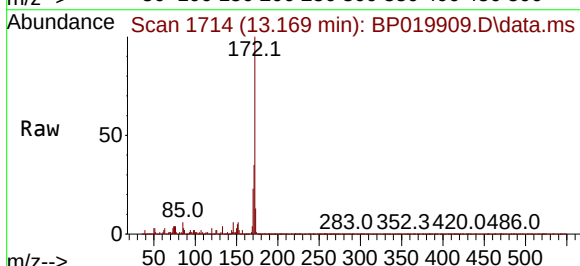
Tgt Ion:172 Resp: 2271447

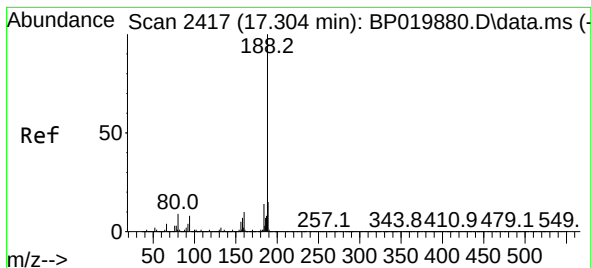
Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.6

170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019909.D

Acq: 28 Feb 2024 10:50

Instrument :

BNA_P

ClientSampleId :

PB159054BL

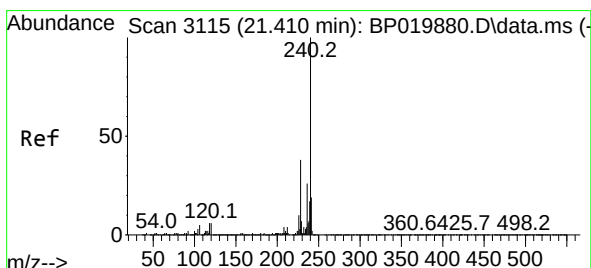
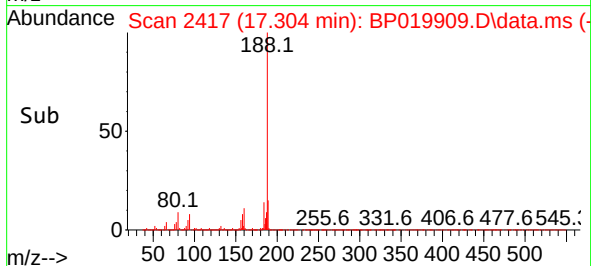
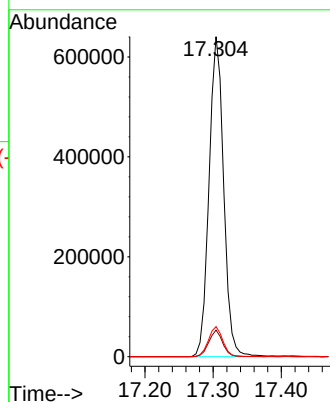
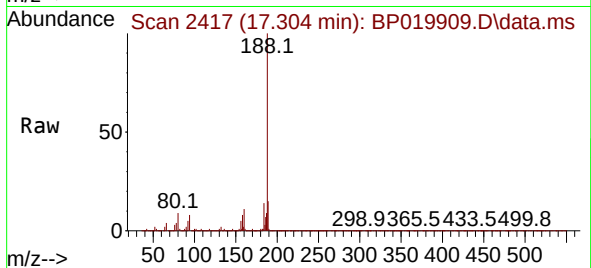
Tgt Ion:188 Resp: 956316

Ion Ratio Lower Upper

188 100

94 8.3 6.2 9.4

80 9.4 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP019909.D

Acq: 28 Feb 2024 10:50

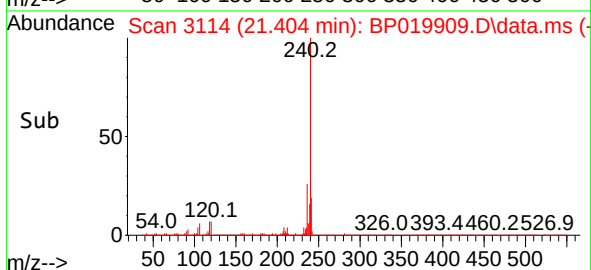
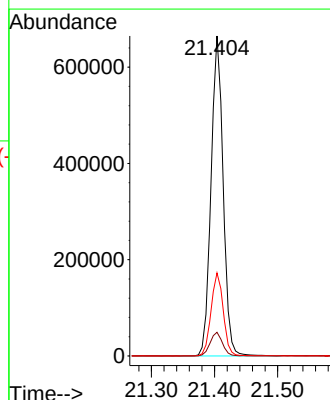
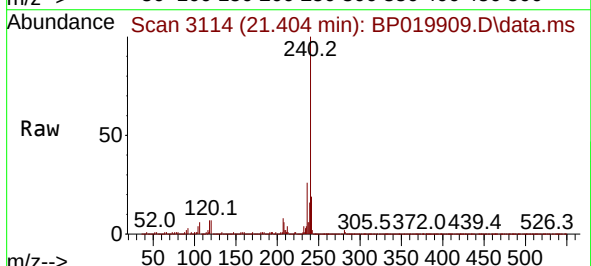
Tgt Ion:240 Resp: 883534

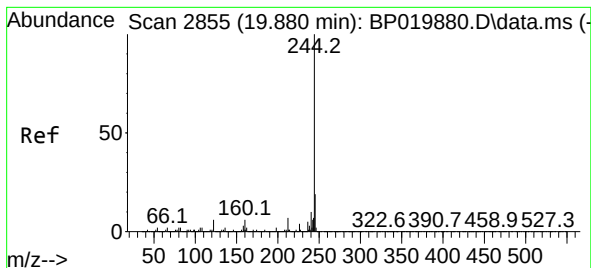
Ion Ratio Lower Upper

240 100

120 7.4 5.1 7.7

236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 85.062 ng

RT: 19.880 min Scan# 2855

Delta R.T. 0.000 min

Lab File: BP019909.D

Acq: 28 Feb 2024 10:50

Instrument :

BNA_P

ClientSampleId :

PB159054BL

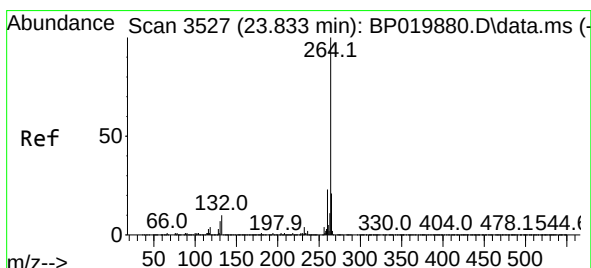
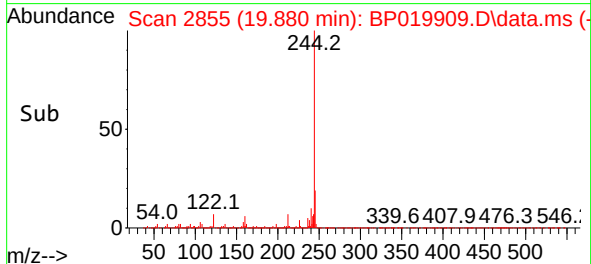
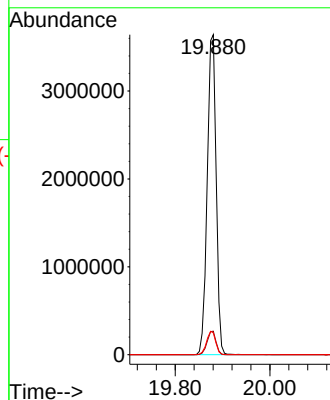
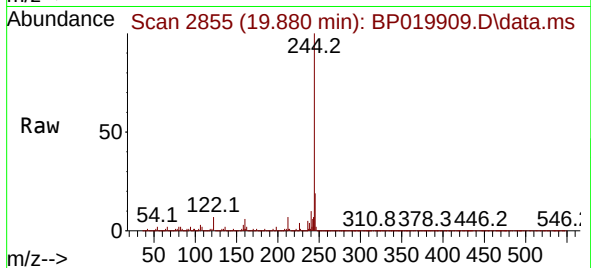
Tgt Ion:244 Resp: 4768304

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 6.8 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP019909.D

Acq: 28 Feb 2024 10:50

Tgt Ion:264 Resp: 852488

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.2 17.4 26.2

