

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
Data File : BP019657.D
Acq On : 12 Feb 2024 11:57
Operator : MA/JU
Sample : PB158945BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB158945BL

Quant Time: Feb 12 12:40:33 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	91379	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	325855	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	192762	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	395856	20.000	ng	0.00
76) Chrysene-d12	21.386	240	447439	20.000	ng	0.00
86) Perylene-d12	23.810	264	565762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	685197	120.868	ng	0.00
7) Phenol-d6	7.081	99	857061	112.125	ng	0.00
23) Nitrobenzene-d5	9.075	82	589629	78.407	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	379521	134.847	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1265121	81.135	ng	-0.01
79) Terphenyl-d14	19.863	244	2039548	74.963	ng	0.00

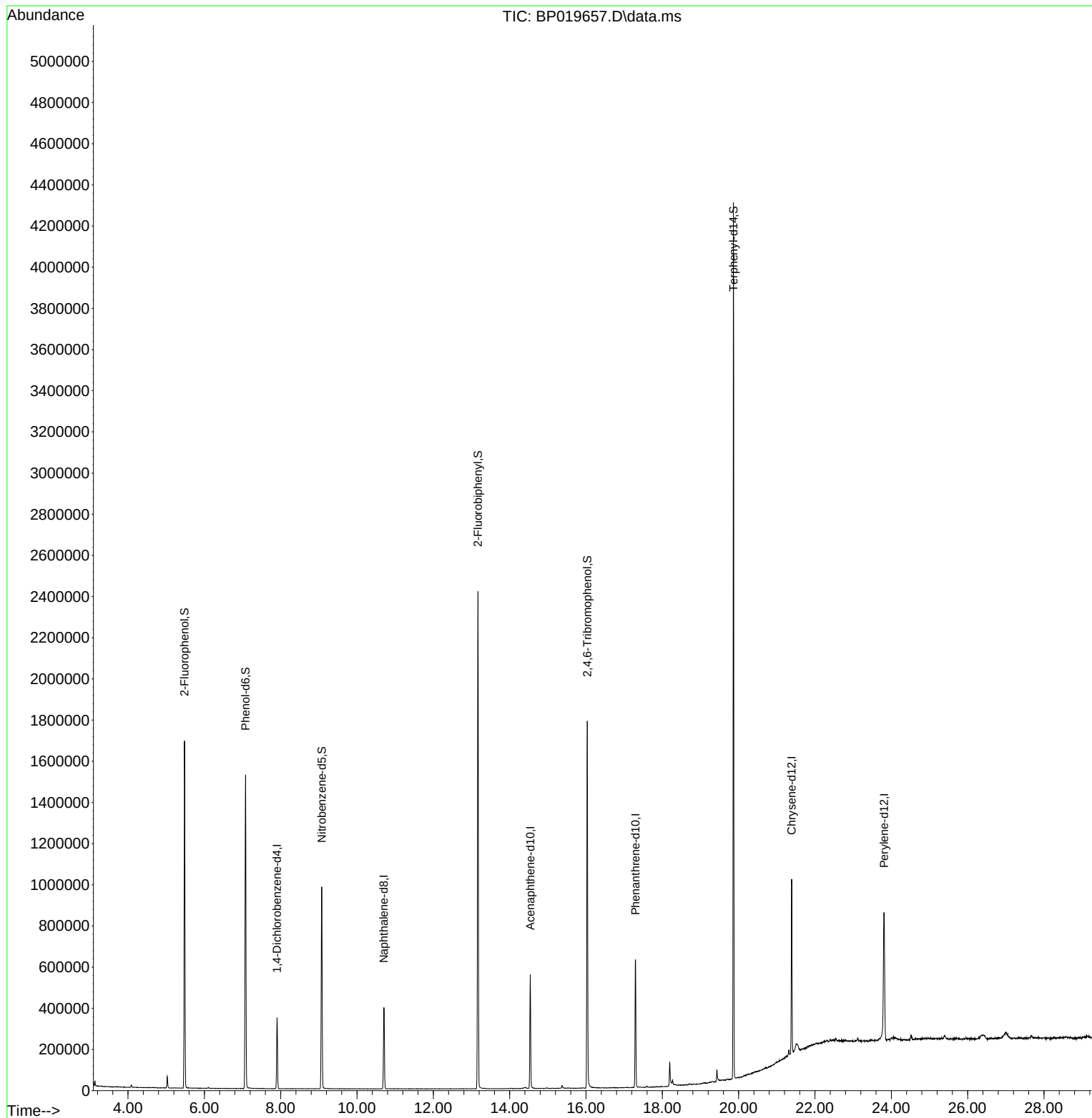
Target Compounds	Qvalue

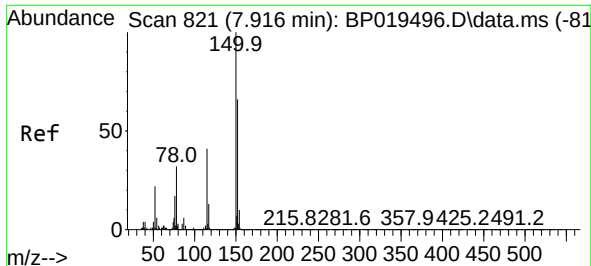
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
Data File : BP019657.D
Acq On : 12 Feb 2024 11:57
Operator : MA/JU
Sample : PB158945BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB158945BL

Quant Time: Feb 12 12:40:33 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

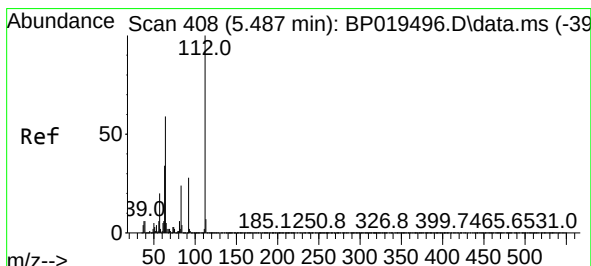
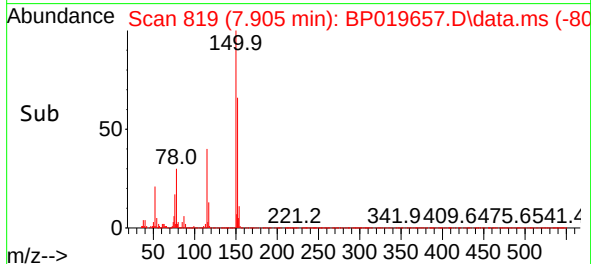
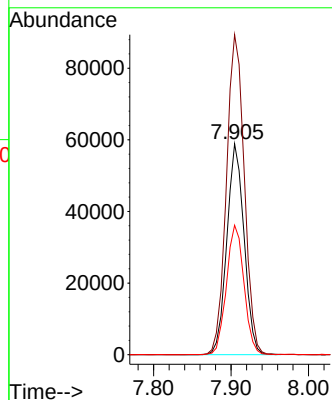
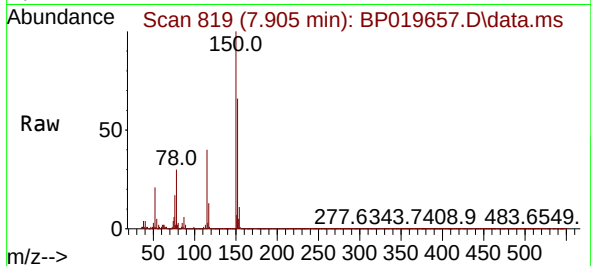




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019657.D
Acq: 12 Feb 2024 11:57

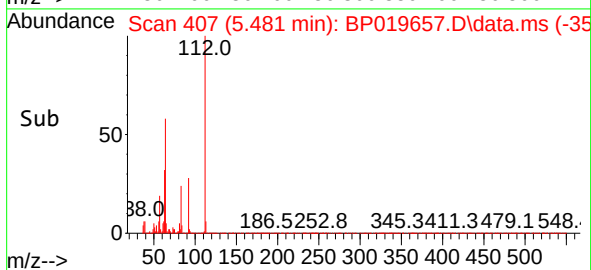
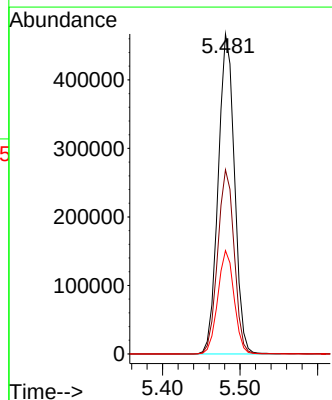
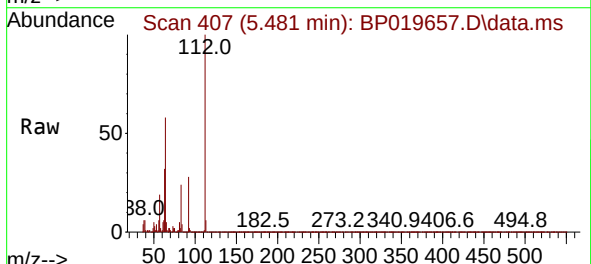
Instrument :
BNA_P
ClientSampleId :
PB158945BL

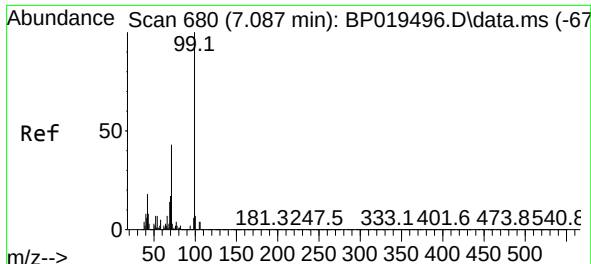
Tgt Ion:152 Resp: 91379
Ion Ratio Lower Upper
152 100
150 151.8 121.8 182.8
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 120.868 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019657.D
Acq: 12 Feb 2024 11:57

Tgt Ion:112 Resp: 685197
Ion Ratio Lower Upper
112 100
64 57.5 47.4 71.0
63 32.3 27.0 40.6

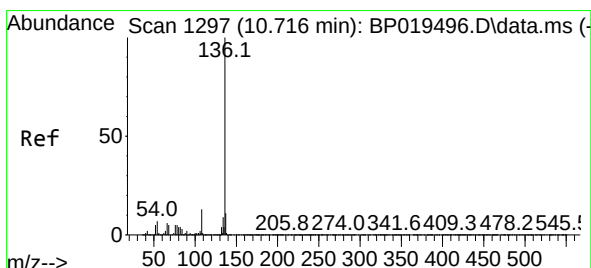
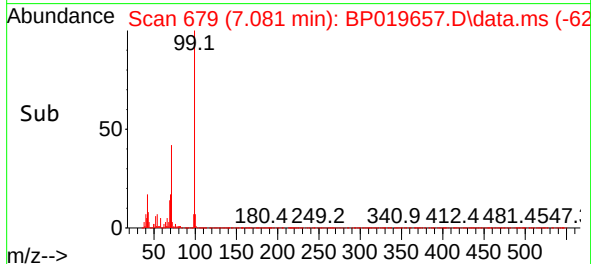
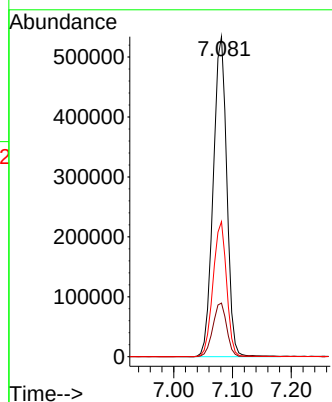
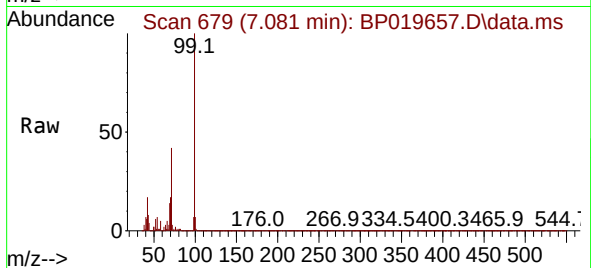




#7
Phenol-d6
Concen: 112.125 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019657.D
Acq: 12 Feb 2024 11:57

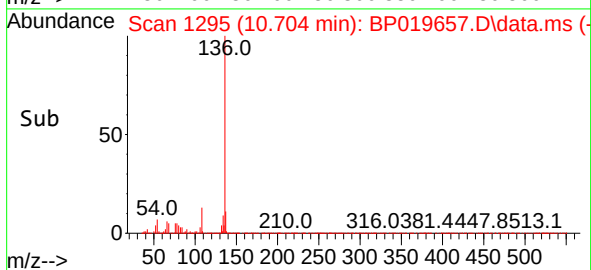
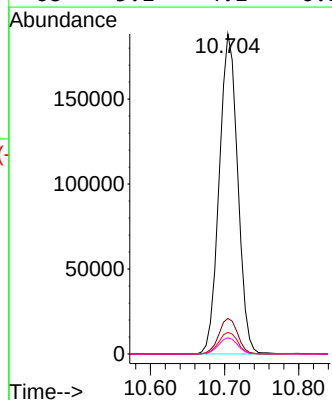
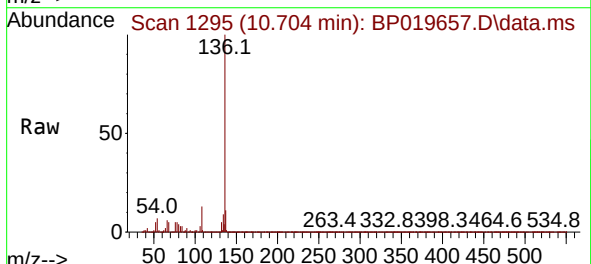
Instrument :
BNA_P
ClientSampleId :
PB158945BL

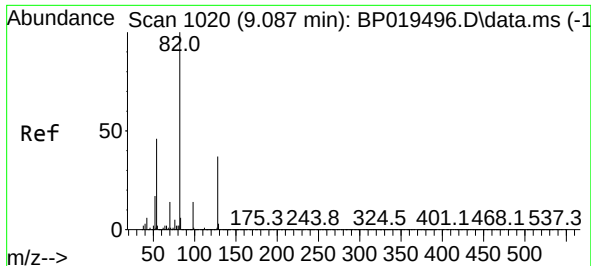
Tgt Ion:	99	Resp:	857061
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.7	22.1
71	42.2	34.8	52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019657.D
Acq: 12 Feb 2024 11:57

Tgt Ion:	136	Resp:	325855
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.7	5.3	7.9
68	5.1	4.1	6.1

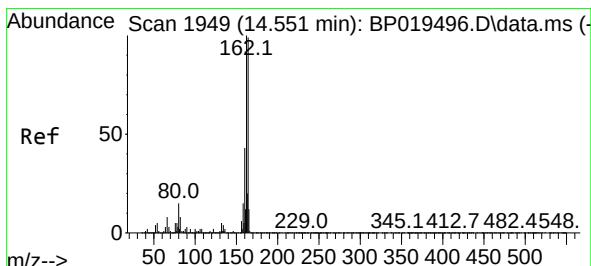
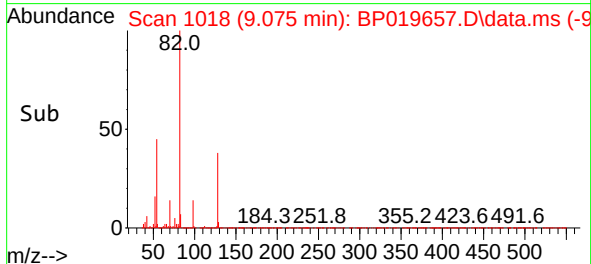
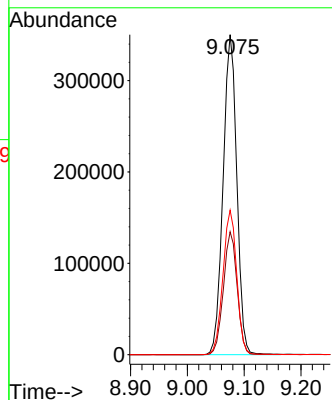
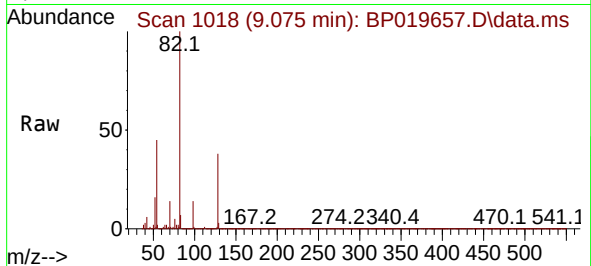




#23
Nitrobenzene-d5
Concen: 78.407 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019657.D
Acq: 12 Feb 2024 11:57

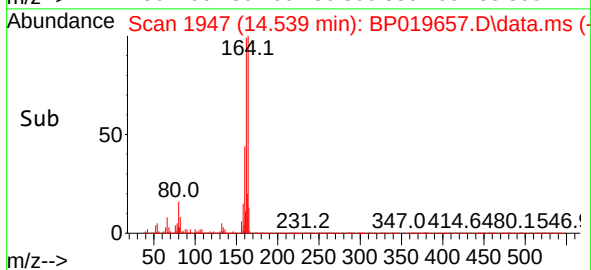
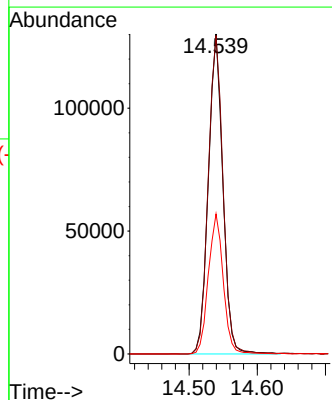
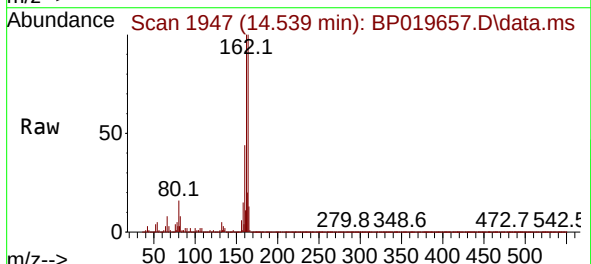
Instrument :
BNA_P
ClientSampleId :
PB158945BL

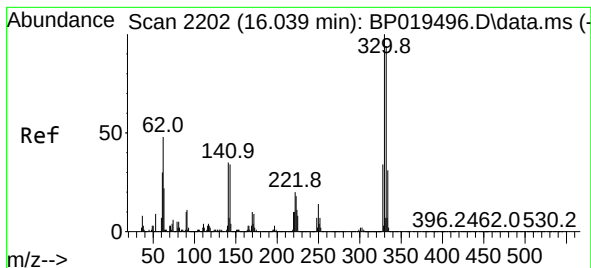
Tgt Ion: 82 Resp: 589629
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 45.1 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019657.D
Acq: 12 Feb 2024 11:57

Tgt Ion: 164 Resp: 192762
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 43.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 134.847 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019657.D

Acq: 12 Feb 2024 11:57

Instrument :

BNA_P

ClientSampleId :

PB158945BL

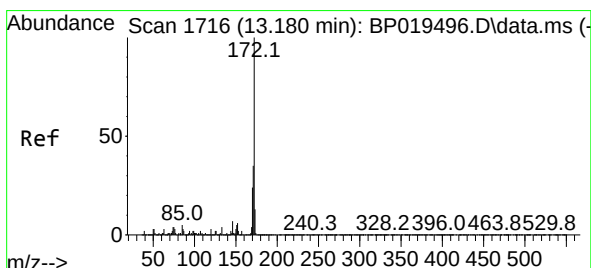
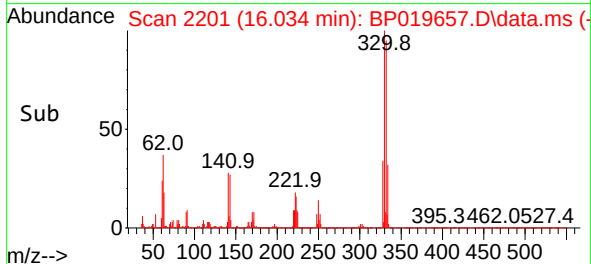
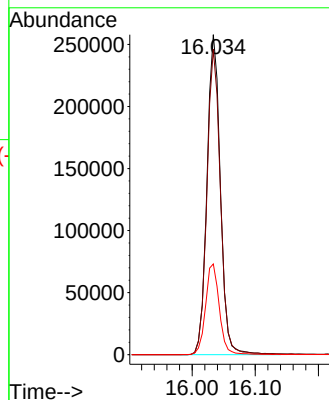
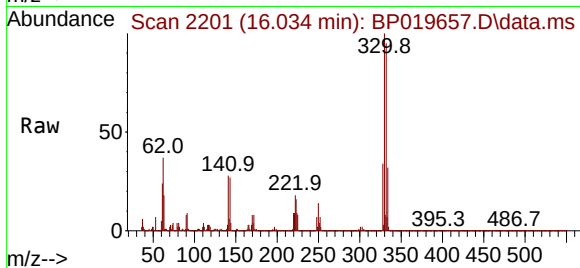
Tgt Ion:330 Resp: 379521

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

141 29.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 81.135 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019657.D

Acq: 12 Feb 2024 11:57

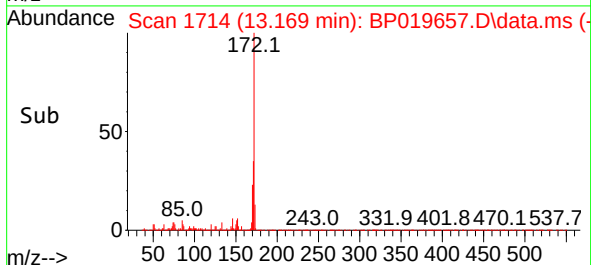
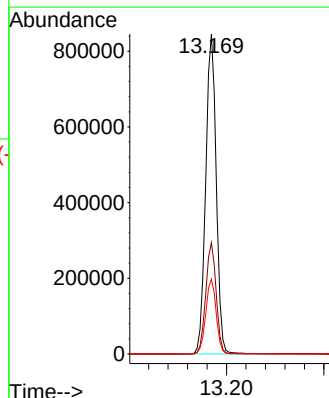
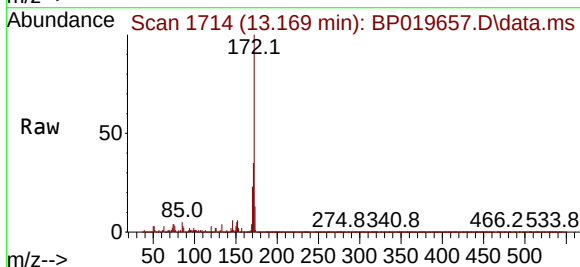
Tgt Ion:172 Resp: 1265121

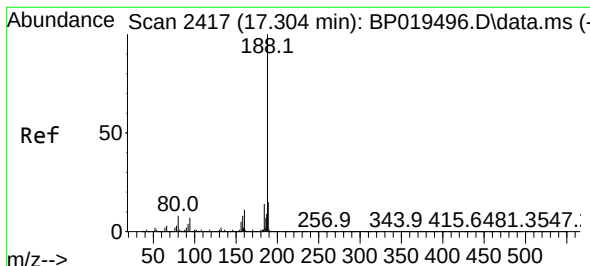
Ion Ratio Lower Upper

172 100

171 34.8 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: BP019657.D

Acq: 12 Feb 2024 11:57

Instrument :

BNA_P

ClientSampleId :

PB158945BL

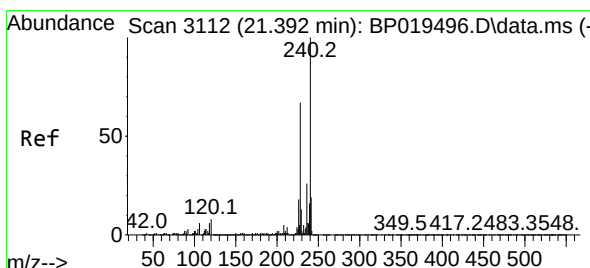
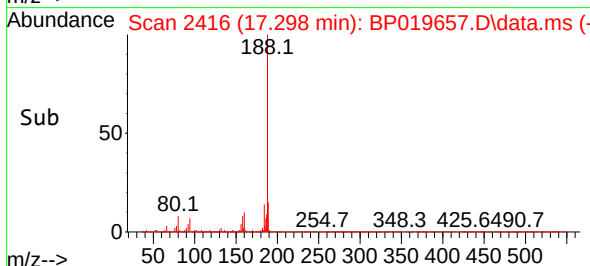
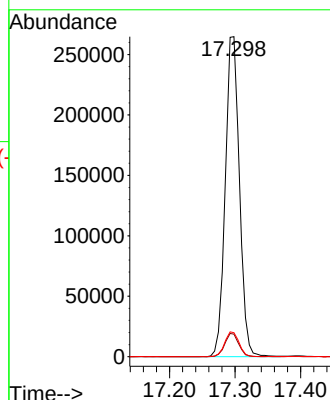
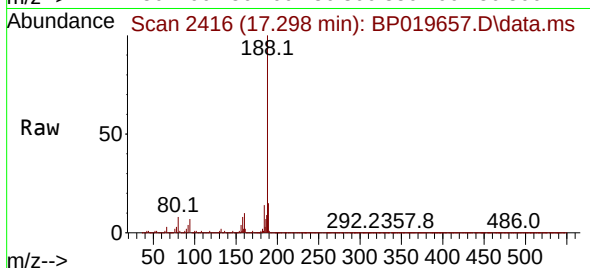
Tgt Ion:188 Resp: 395856

Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 7.5 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: BP019657.D

Acq: 12 Feb 2024 11:57

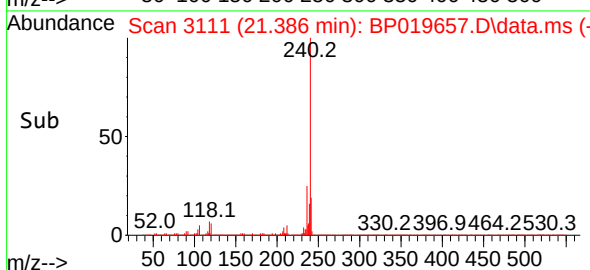
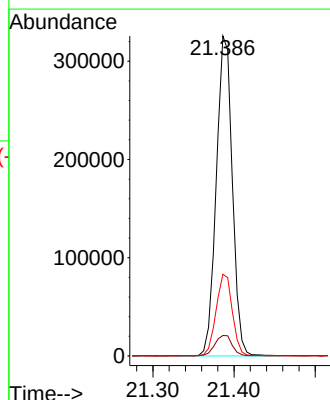
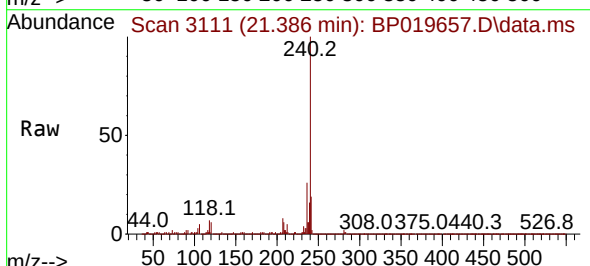
Tgt Ion:240 Resp: 447439

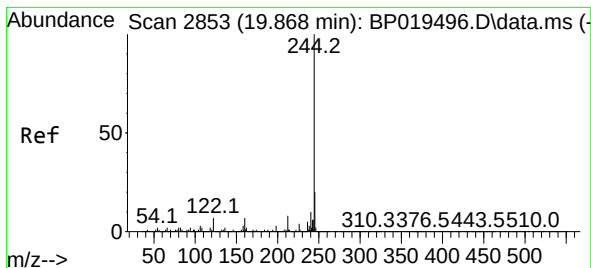
Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 74.963 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019657.D

Acq: 12 Feb 2024 11:57

Instrument :

BNA_P

ClientSampleId :

PB158945BL

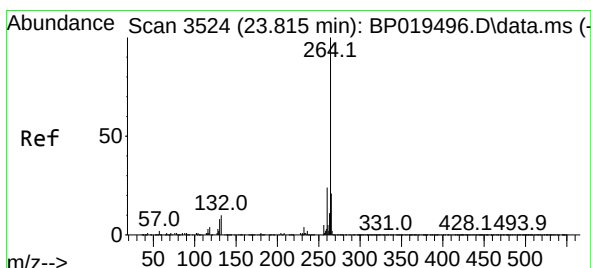
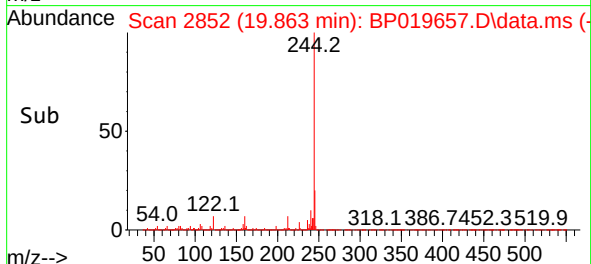
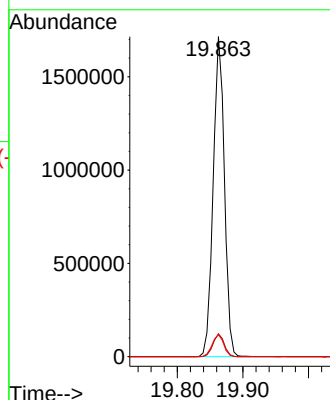
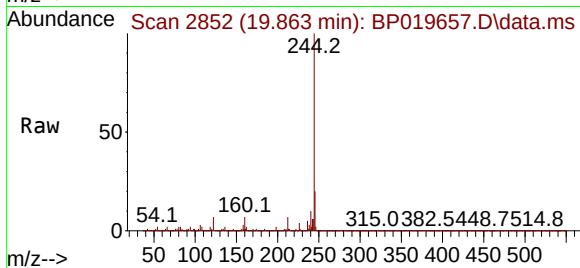
Tgt Ion:244 Resp: 2039548

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.9 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019657.D

Acq: 12 Feb 2024 11:57

Tgt Ion:264 Resp: 565762

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 22.2 17.0 25.4

