

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019778.D
Acq On : 20 Feb 2024 10:44
Operator : MA/JU
Sample : PB159054BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB159054BL

Quant Time: Feb 20 11:41:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	74043	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	265875	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	169096	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	408657	20.000	ng	0.00
76) Chrysene-d12	21.386	240	401446	20.000	ng	0.00
86) Perylene-d12	23.810	264	476810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	552038	120.179	ng	0.00
7) Phenol-d6	7.075	99	677054	109.314	ng	0.00
23) Nitrobenzene-d5	9.069	82	467806	76.241	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	390002	157.964	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1076218	78.680	ng	0.00
79) Terphenyl-d14	19.863	244	2115835	86.676	ng	0.00

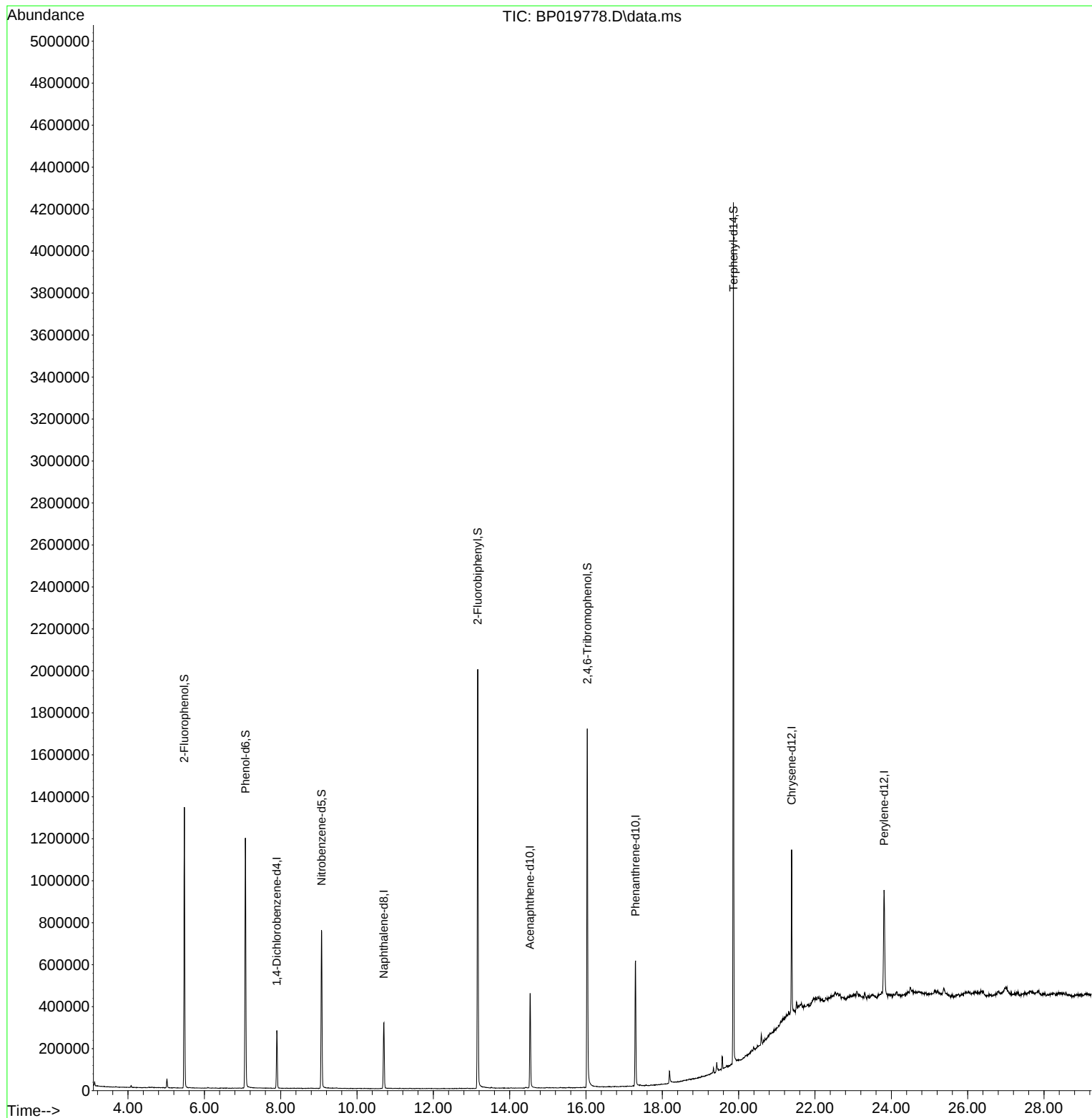
Target Compounds	Qvalue

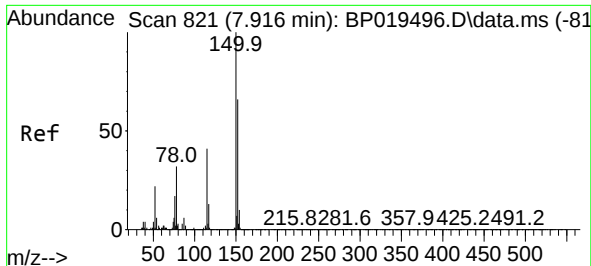
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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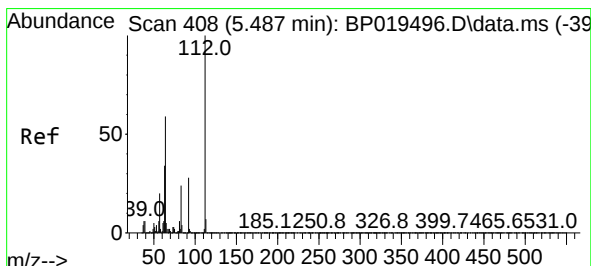
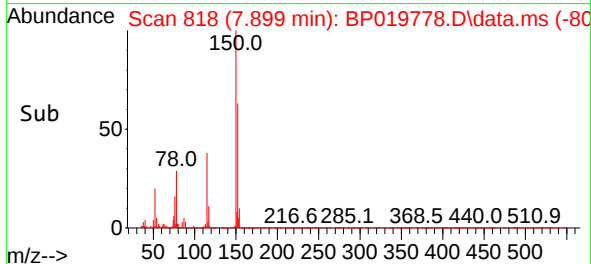
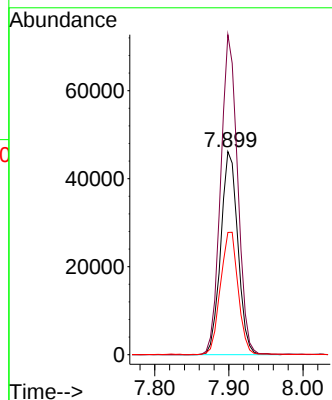
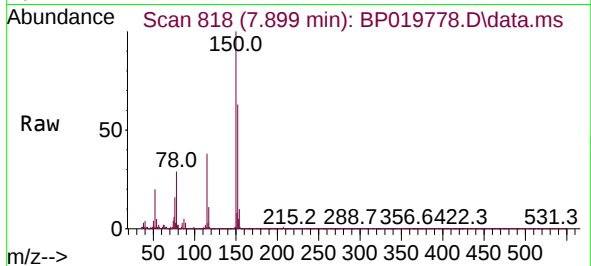




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019778.D
Acq: 20 Feb 2024 10:44

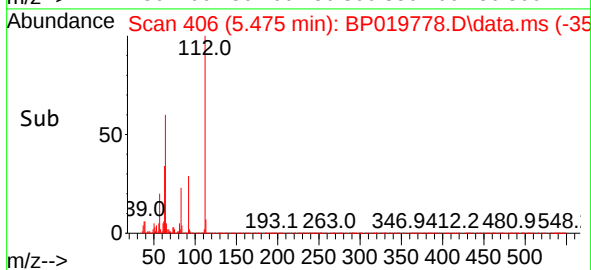
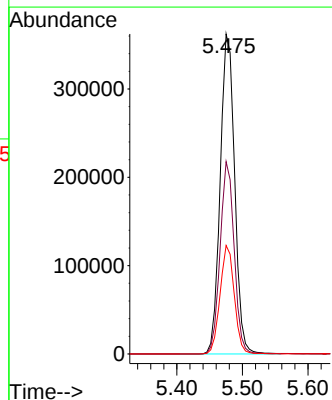
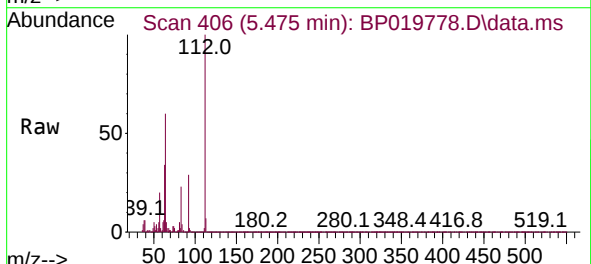
Instrument :
BNA_P
ClientSampleId :
PB159054BL

Tgt Ion:152 Resp: 74043
Ion Ratio Lower Upper
152 100
150 157.6 121.8 182.8
115 60.2 49.9 74.9



#5
2-Fluorophenol
Concen: 120.179 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP019778.D
Acq: 20 Feb 2024 10:44

Tgt Ion:112 Resp: 552038
Ion Ratio Lower Upper
112 100
64 60.1 47.4 71.0
63 33.9 27.0 40.6

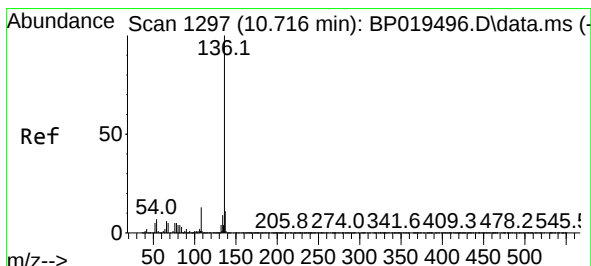
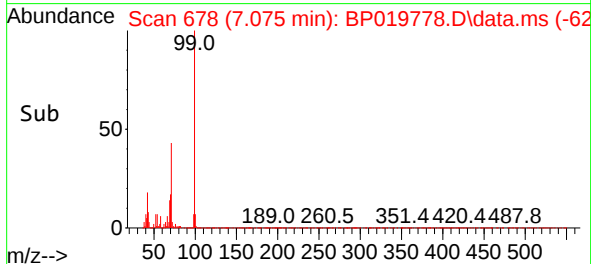
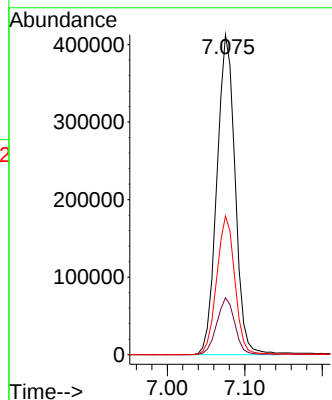
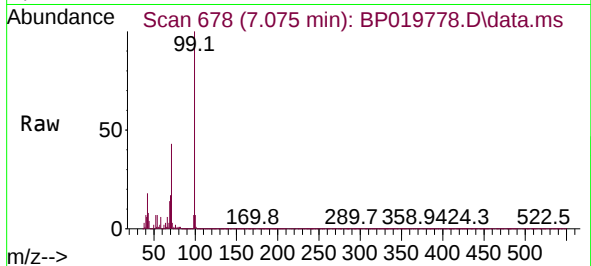




#7
Phenol-d6
Concen: 109.314 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019778.D
Acq: 20 Feb 2024 10:44

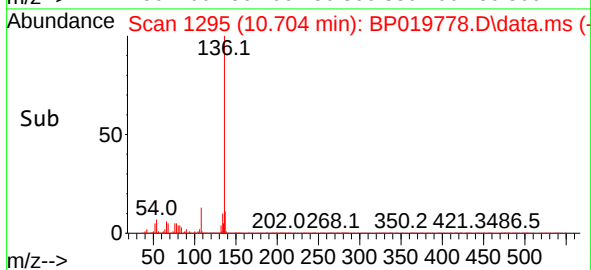
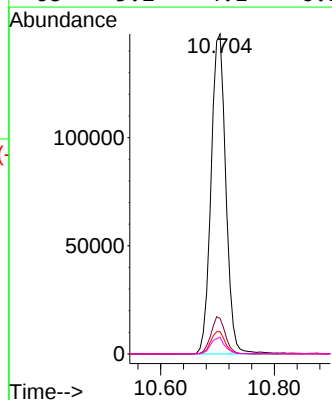
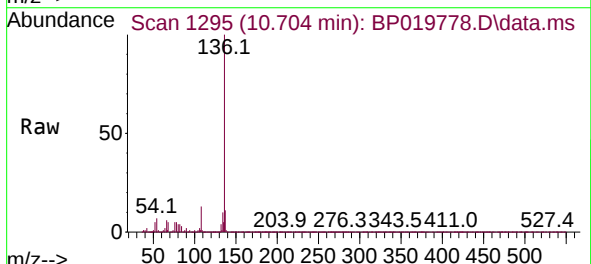
Instrument :
BNA_P
ClientSampleId :
PB159054BL

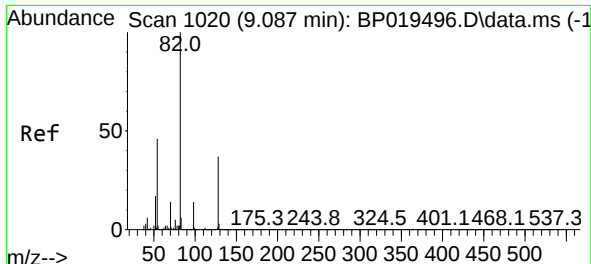
Tgt Ion: 99 Resp: 677054
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 43.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BP019778.D
Acq: 20 Feb 2024 10:44

Tgt Ion: 136 Resp: 265875
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.3 7.9
68 5.2 4.1 6.1

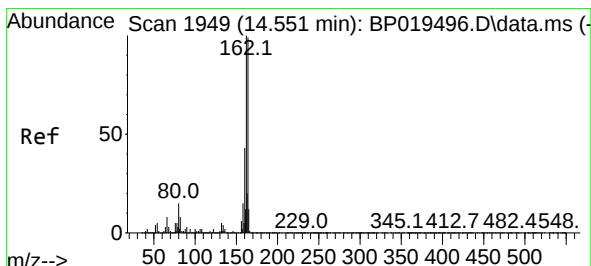
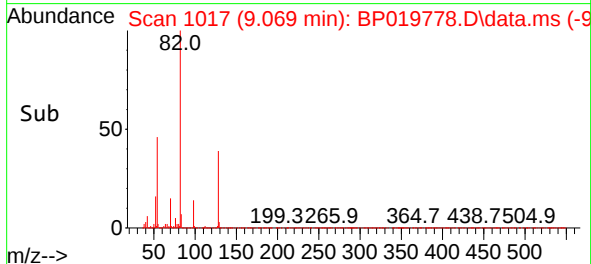
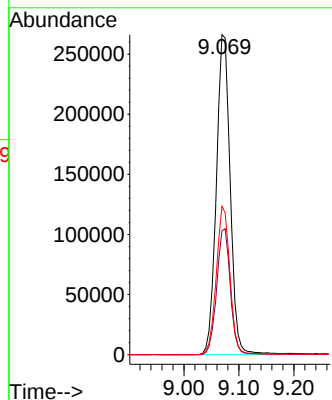
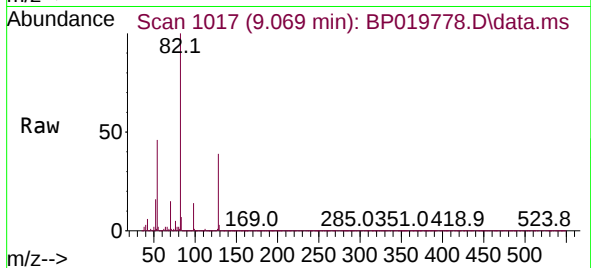




#23
Nitrobenzene-d5
Concen: 76.241 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP019778.D
Acq: 20 Feb 2024 10:44

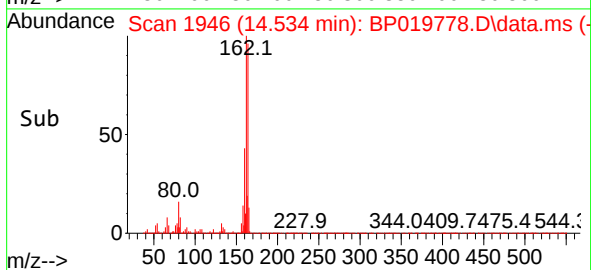
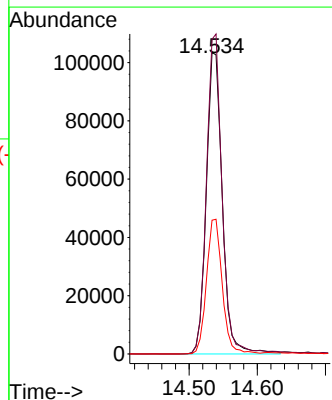
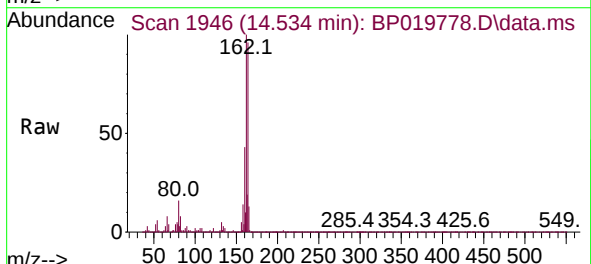
Instrument :
BNA_P
ClientSampleId :
PB159054BL

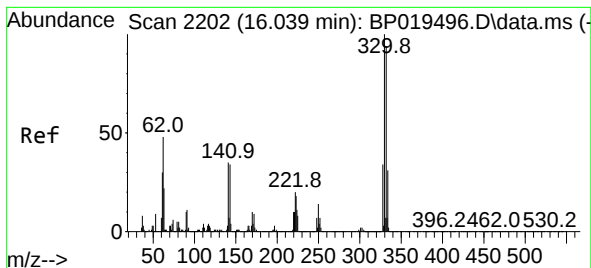
Tgt Ion: 82 Resp: 467806
Ion Ratio Lower Upper
82 100
128 38.7 29.7 44.5
54 46.3 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019778.D
Acq: 20 Feb 2024 10:44

Tgt Ion: 164 Resp: 169096
Ion Ratio Lower Upper
164 100
162 104.4 81.2 121.8
160 44.4 35.1 52.7

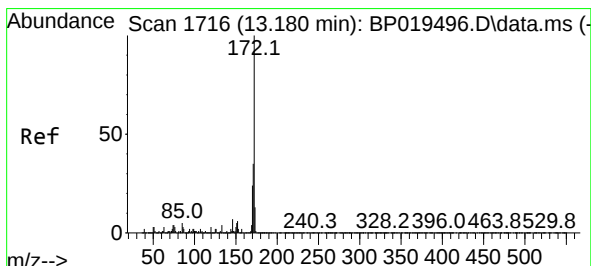
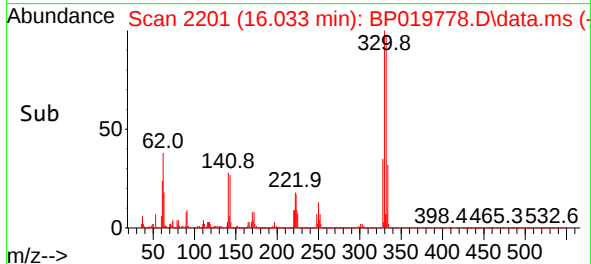
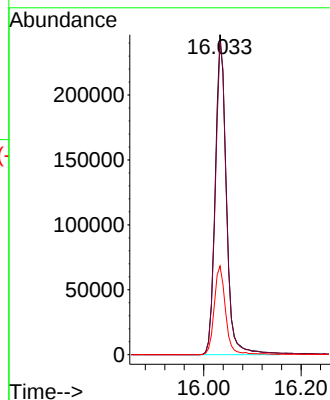
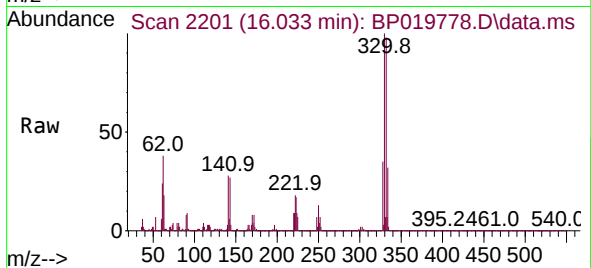




#42
2,4,6-Tribromophenol
Concen: 157.964 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019778.D
Acq: 20 Feb 2024 10:44

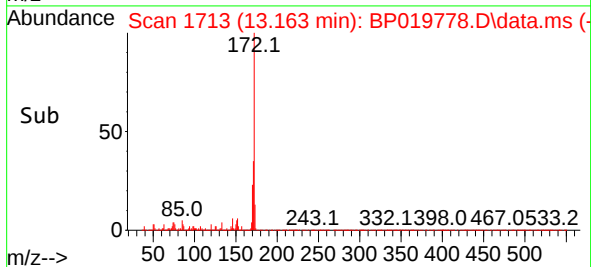
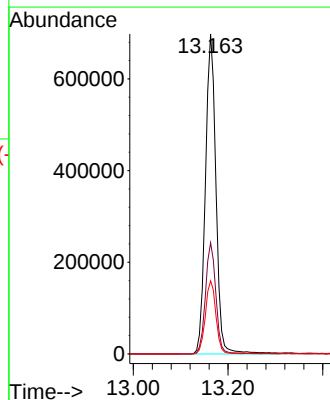
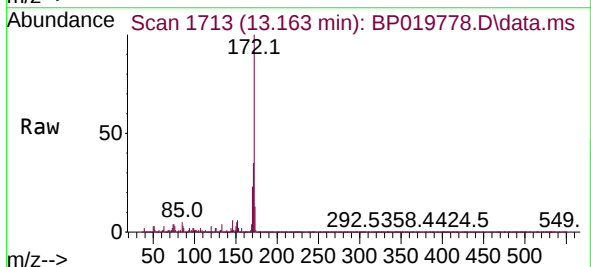
Instrument :
BNA_P
ClientSampleId :
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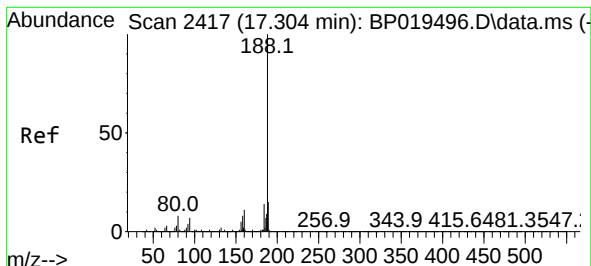
Tgt Ion:330 Resp: 390002
Ion Ratio Lower Upper
330 100
332 98.2 77.2 115.8
141 28.1 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 78.680 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP019778.D
Acq: 20 Feb 2024 10:44

Tgt Ion:172 Resp: 1076218
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 22.9 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: BP019778.D

Acq: 20 Feb 2024 10:44

Instrument :

BNA_P

ClientSampleId :

PB159054BL

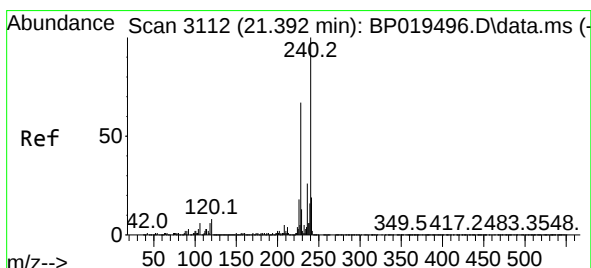
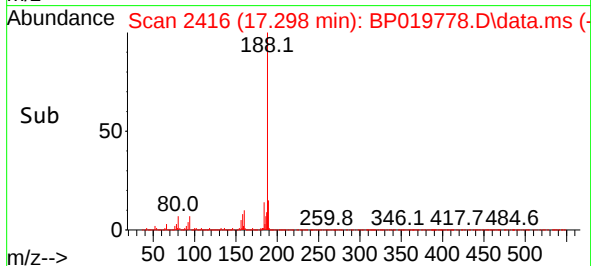
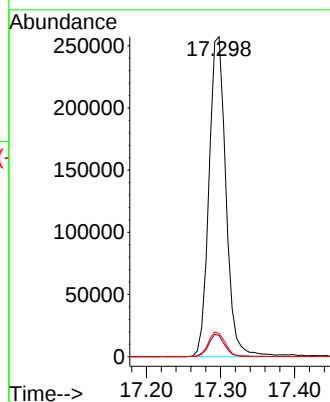
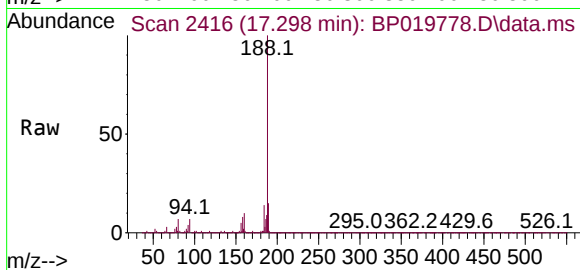
Tgt Ion:188 Resp: 408657

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.2 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: BP019778.D

Acq: 20 Feb 2024 10:44

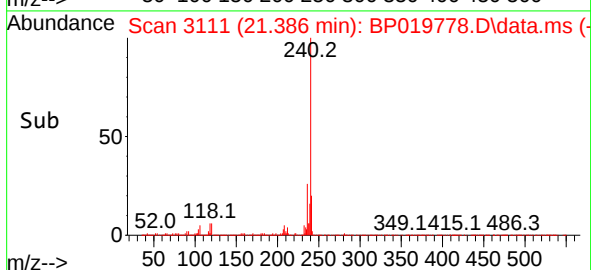
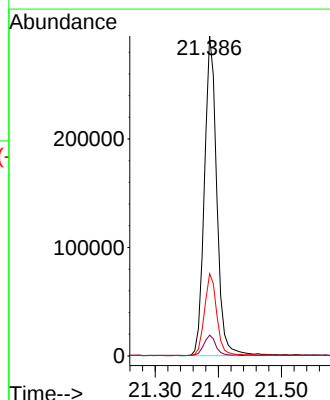
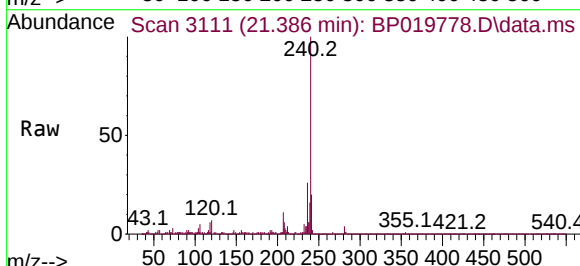
Tgt Ion:240 Resp: 401446

Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 86.676 ng

RT: 19.863 min Scan# 2115835

Delta R.T. -0.000 min

Lab File: BP019778.D

Acq: 20 Feb 2024 10:44

Instrument :

BNA_P

ClientSampleId :

PB159054BL

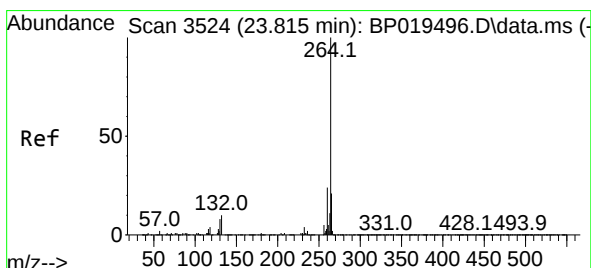
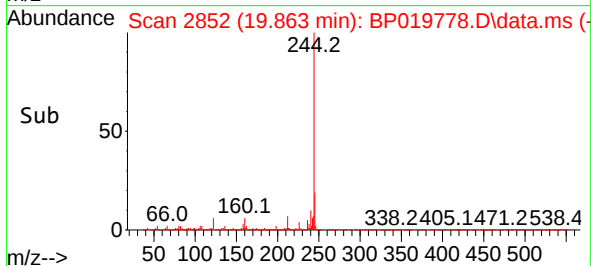
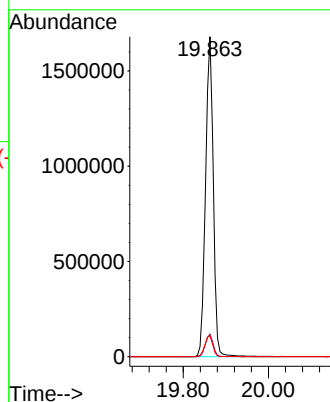
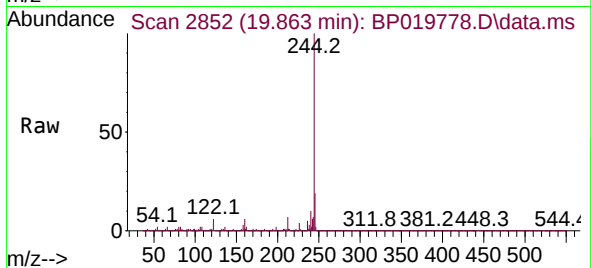
Tgt Ion:244 Resp: 2115835

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.000 min

Lab File: BP019778.D

Acq: 20 Feb 2024 10:44

Tgt Ion:264 Resp: 476810

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.9 17.0 25.4

