

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019643.D
Acq On : 09 Feb 2024 21:16
Operator : MA/JU
Sample : P1342-06RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MR-323P-GW-20240131-0

Quant Time: Feb 10 00:53:52 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	109779	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	389411	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	226670	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	463070	20.000	ng	0.00
76) Chrysene-d12	21.392	240	510994	20.000	ng	0.00
86) Perylene-d12	23.810	264	595633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	319455	46.907	ng	0.00
7) Phenol-d6	7.075	99	248607	27.073	ng	-0.01
23) Nitrobenzene-d5	9.075	82	722804	80.429	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	442942	133.838	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1496744	81.630	ng	-0.01
79) Terphenyl-d14	19.869	244	2255412	72.586	ng	0.00

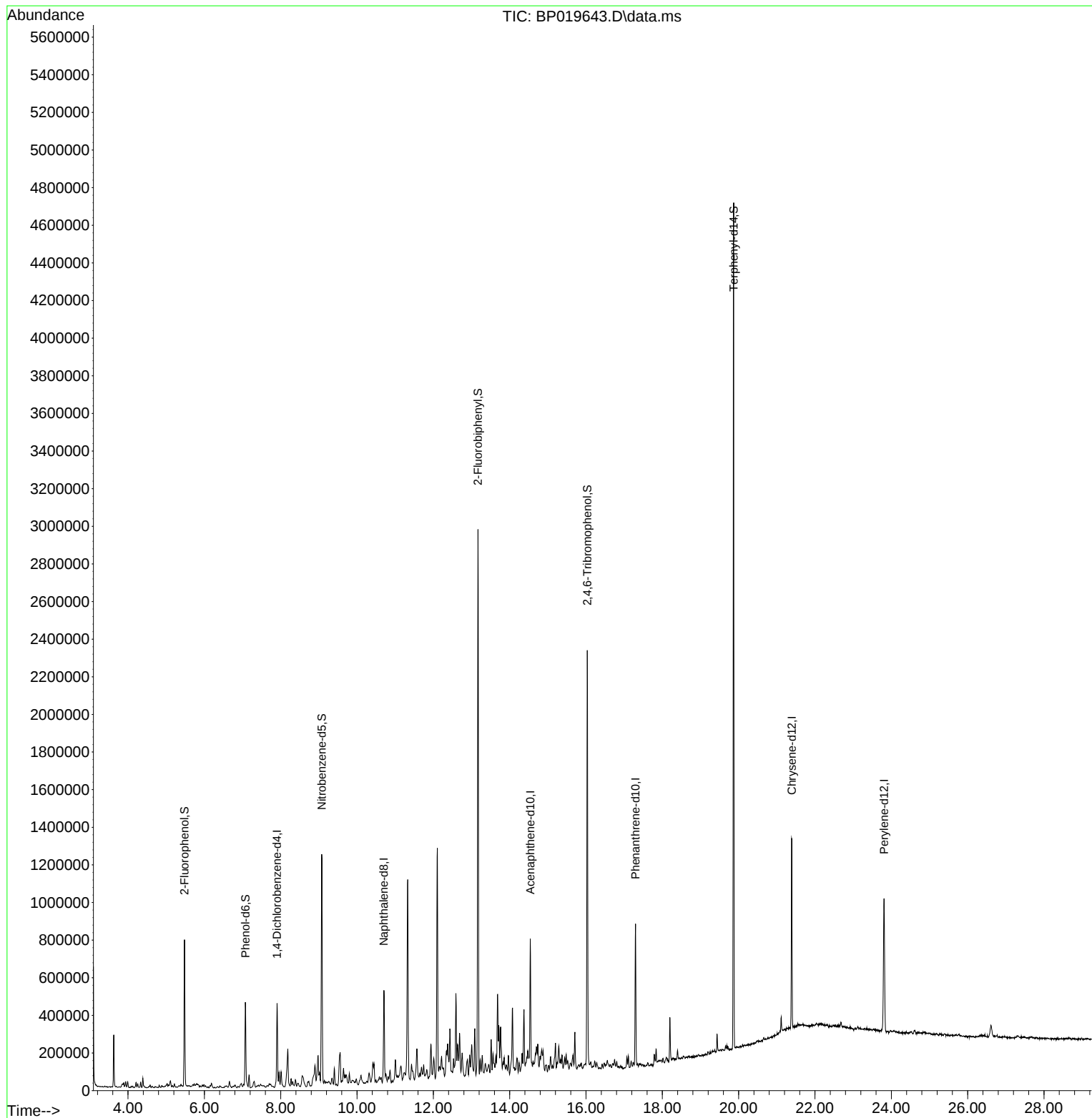
Target Compounds	Qvalue

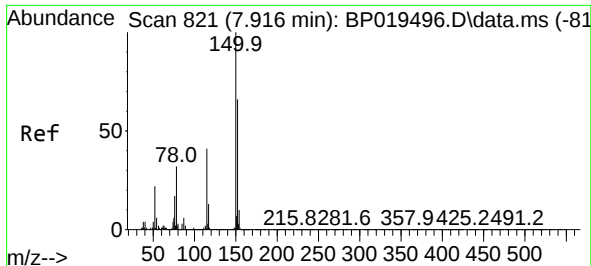
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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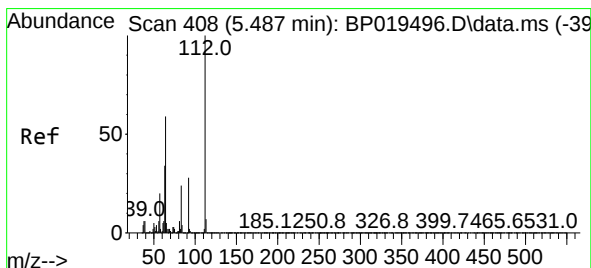
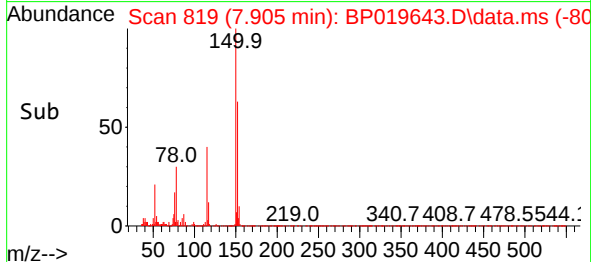
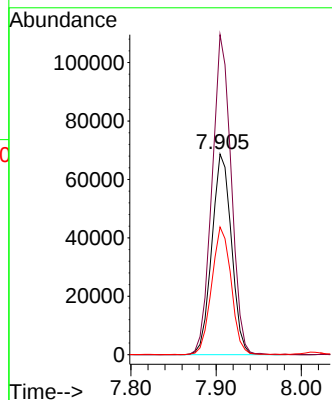
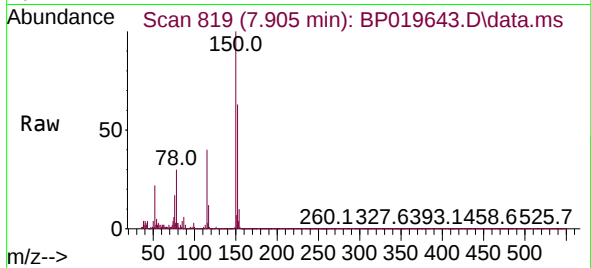




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019643.D
Acq: 09 Feb 2024 21:16

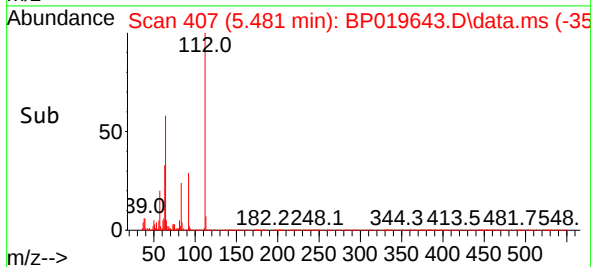
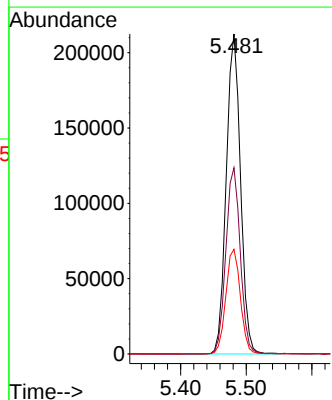
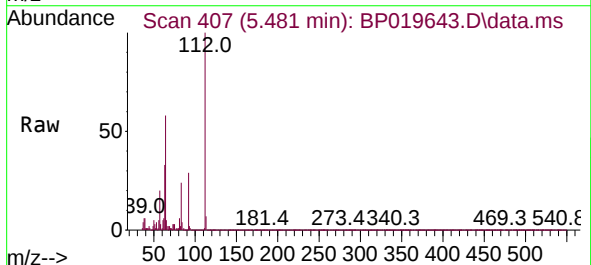
Instrument :
BNA_P
ClientSampleId :
MR-323P-GW-20240131-0

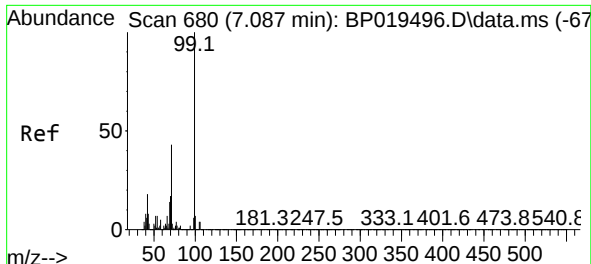
Tgt Ion:152 Resp: 109779
Ion Ratio Lower Upper
152 100
150 159.5 121.8 182.8
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 46.907 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019643.D
Acq: 09 Feb 2024 21:16

Tgt Ion:112 Resp: 319455
Ion Ratio Lower Upper
112 100
64 58.2 47.4 71.0
63 32.7 27.0 40.6

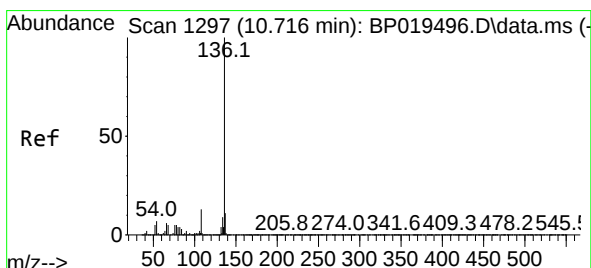
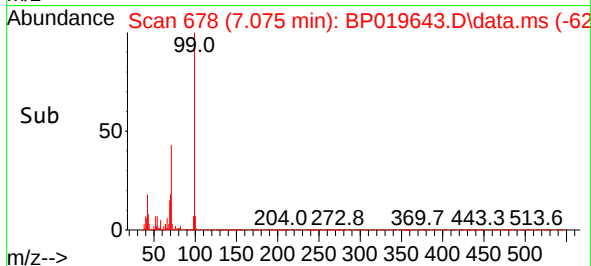
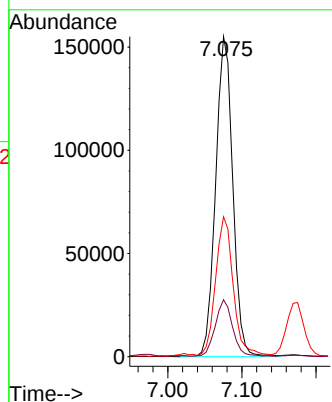
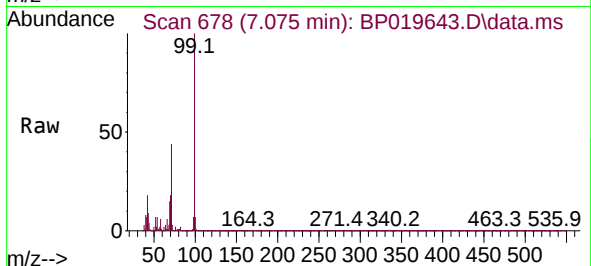




#7
Phenol-d6
Concen: 27.073 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019643.D
Acq: 09 Feb 2024 21:16

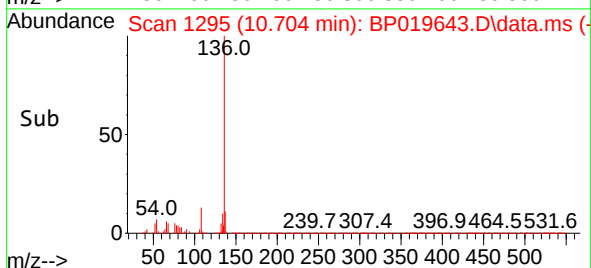
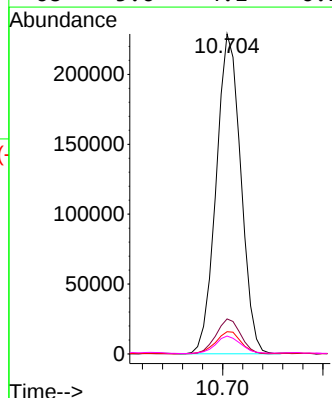
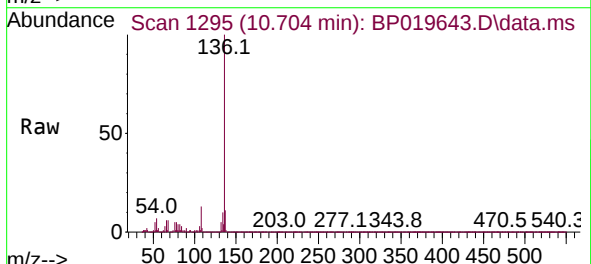
Instrument :
BNA_P
ClientSampleId :
MR-323P-GW-20240131-0

Tgt Ion: 99 Resp: 248607
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 43.7 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: BP019643.D
Acq: 09 Feb 2024 21:16

Tgt Ion: 136 Resp: 389411
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 5.3 7.9
68 5.6 4.1 6.1

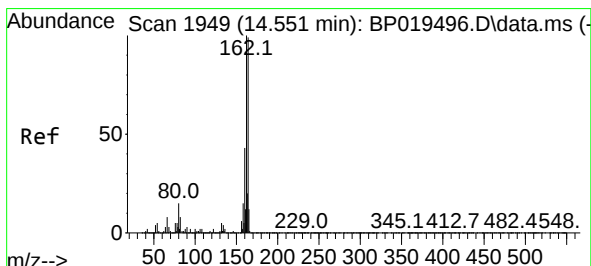
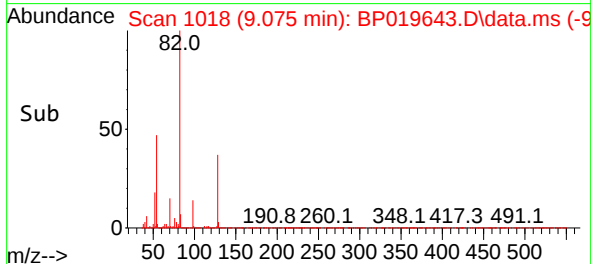
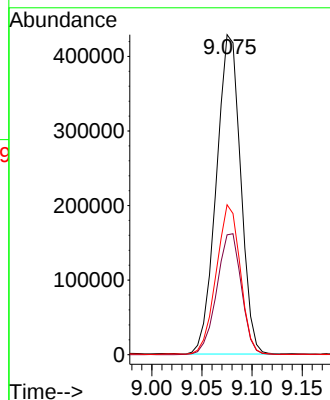
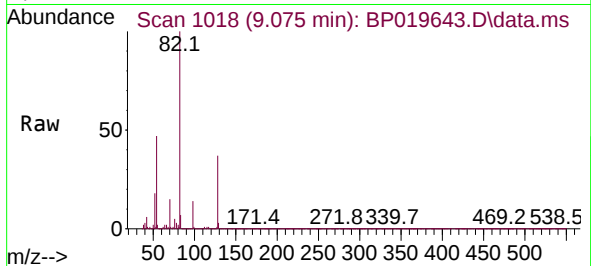




#23
Nitrobenzene-d5
Concen: 80.429 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019643.D
Acq: 09 Feb 2024 21:16

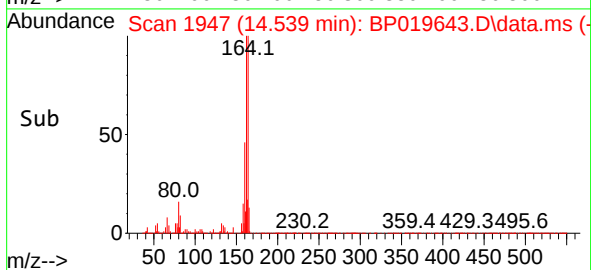
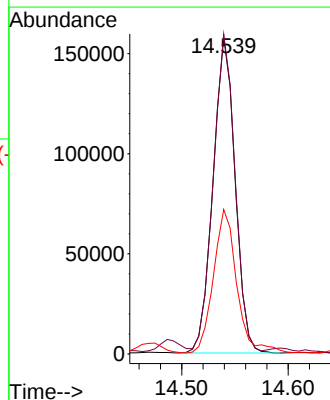
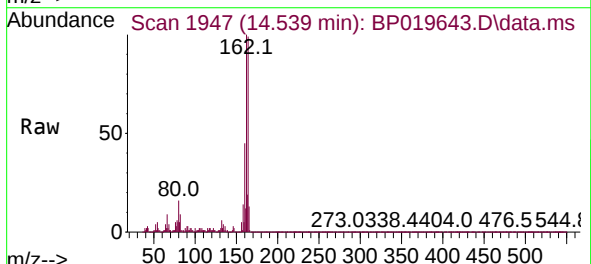
Instrument :
BNA_P
ClientSampleId :
MR-323P-GW-20240131-0

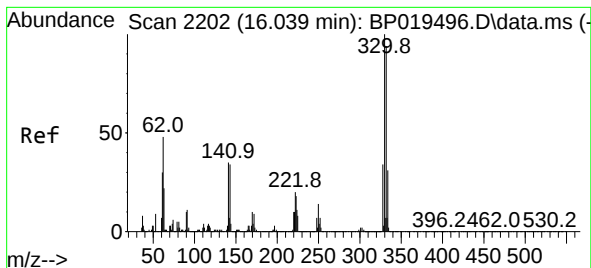
Tgt Ion: 82 Resp: 722804
Ion Ratio Lower Upper
82 100
128 37.5 29.7 44.5
54 46.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019643.D
Acq: 09 Feb 2024 21:16

Tgt Ion: 164 Resp: 226670
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 45.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 133.838 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019643.D

Acq: 09 Feb 2024 21:16

Instrument :

BNA_P

ClientSampleId :

MR-323P-GW-20240131-0

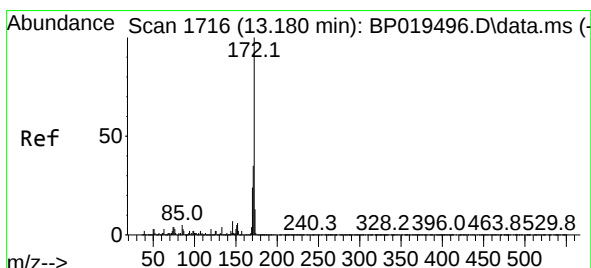
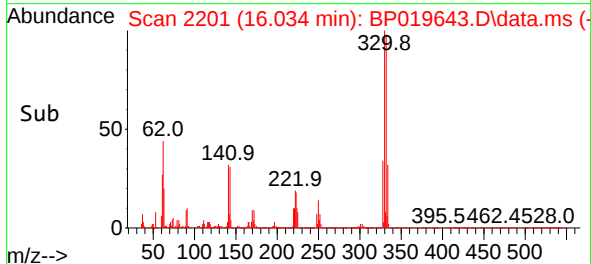
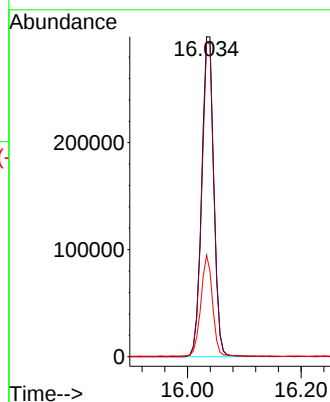
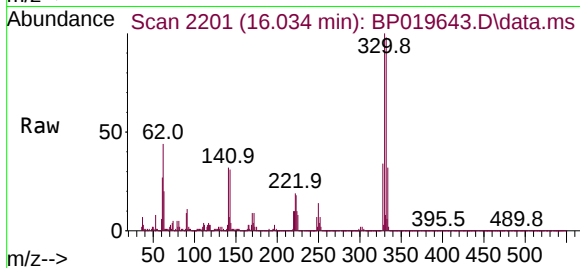
Tgt Ion:330 Resp: 442942

Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 81.630 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019643.D

Acq: 09 Feb 2024 21:16

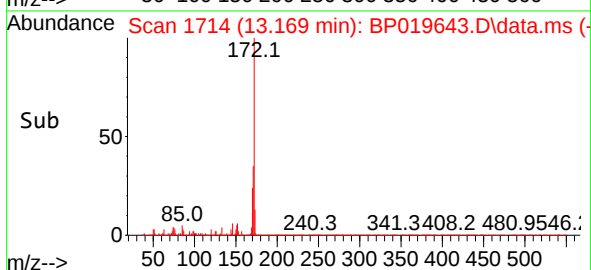
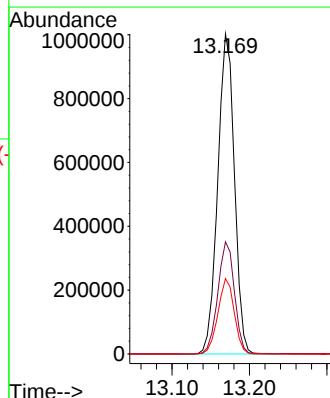
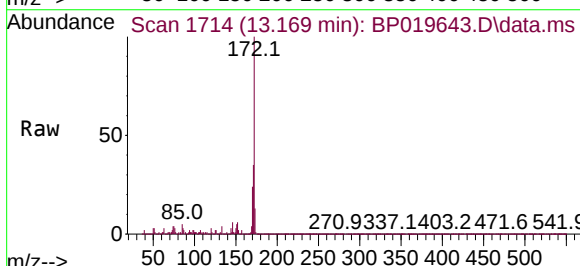
Tgt Ion:172 Resp: 1496744

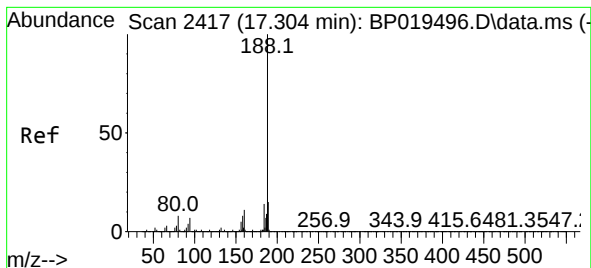
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.5 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: BP019643.D

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Instrument :

BNA_P

ClientSampleId :

MR-323P-GW-20240131-0

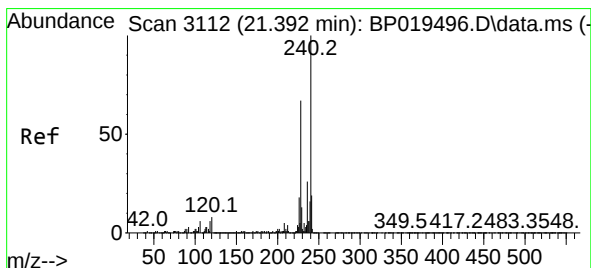
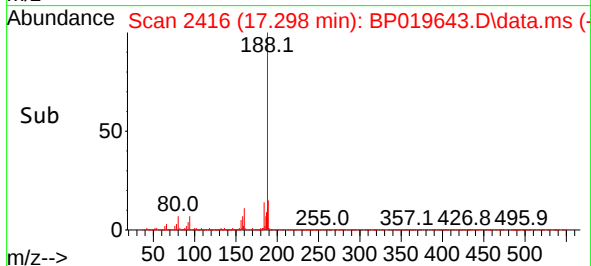
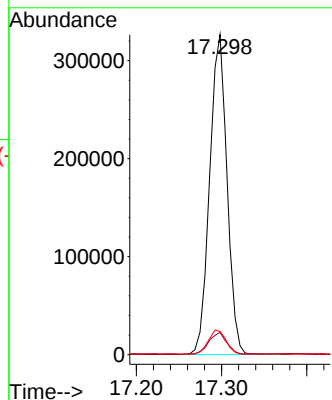
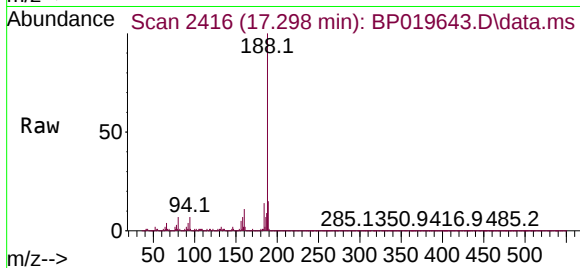
Tgt Ion:188 Resp: 463070

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 7.3 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: BP019643.D

Acq: 09 Feb 2024 21:16

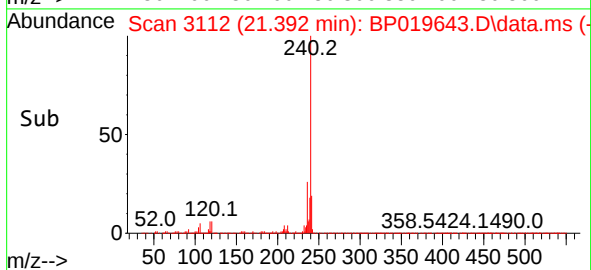
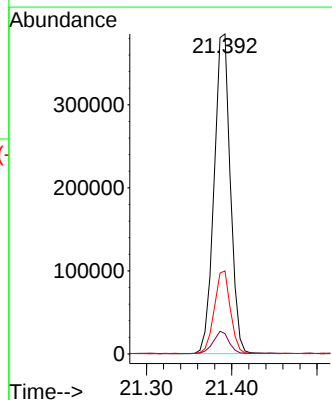
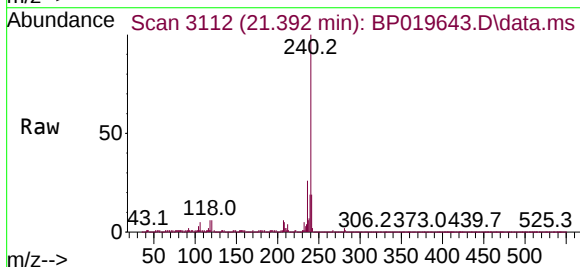
Tgt Ion:240 Resp: 510994

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 72.586 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019643.D

Acq: 09 Feb 2024 21:16

Instrument :

BNA_P

ClientSampleId :

MR-323P-GW-20240131-0

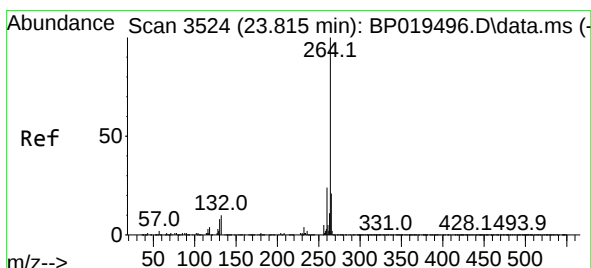
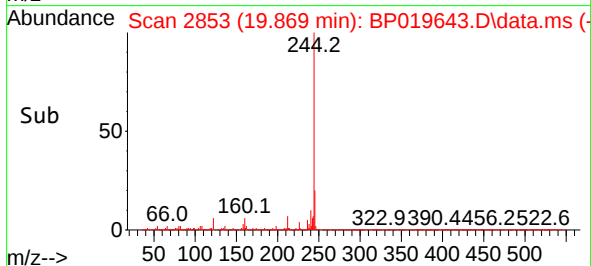
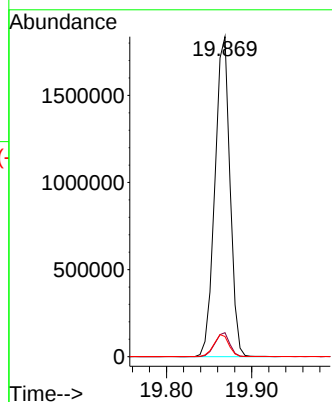
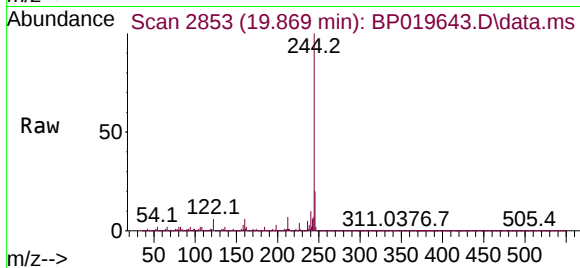
Tgt Ion:244 Resp: 2255412

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 6.3 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: BP019643.D

Acq: 09 Feb 2024 21:16

Tgt Ion:264 Resp: 595633

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 17.0 25.4

