

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019672.D
 Acq On : 12 Feb 2024 20:25
 Operator : MA/JU
 Sample : P1389-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Quant Time: Feb 12 22:26:17 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	7.904	152	97176	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	336662	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	185154	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	366661	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	407559	20.000	ng	0.00
86) Perylene-d12	23.804	264	488346	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	748280	124.122	ng	0.00
7) Phenol-d6	7.081	99	881738	108.472	ng	0.00
23) Nitrobenzene-d5	9.075	82	700619	90.176	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	400670	148.211	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1419797	94.796	ng	-0.01
79) Terphenyl-d14	19.863	244	2040327	82.329	ng	0.00

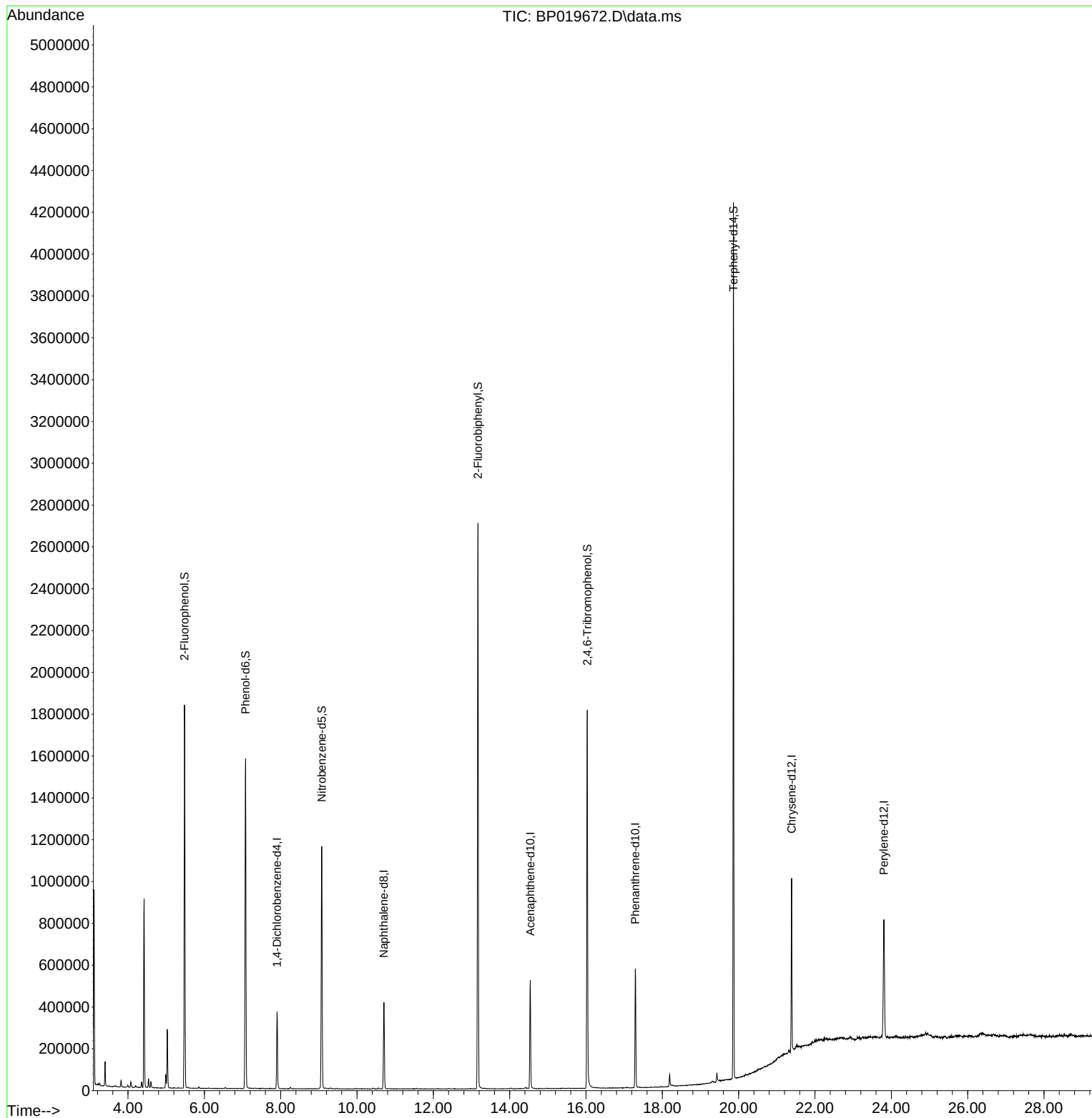
Target Compounds	Qvalue

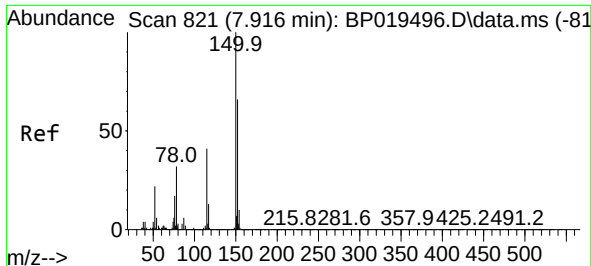
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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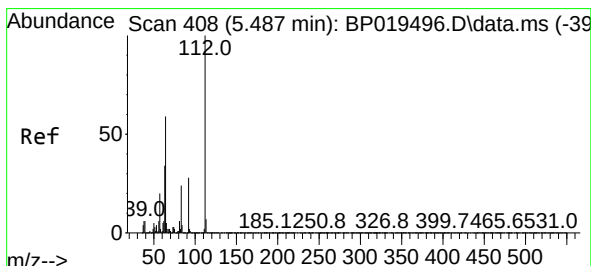
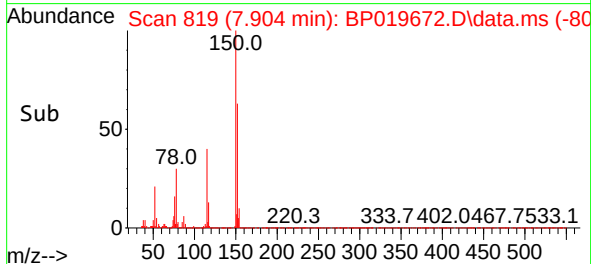
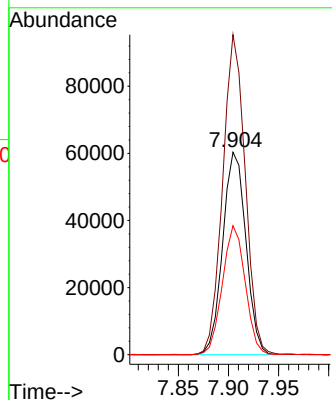
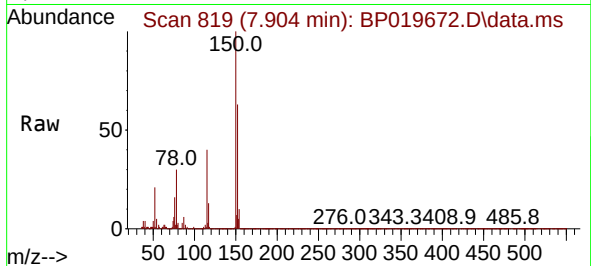




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019672.D
Acq: 12 Feb 2024 20:25

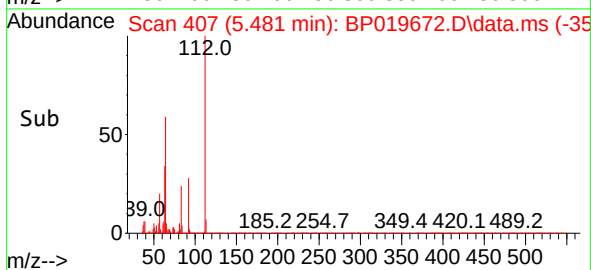
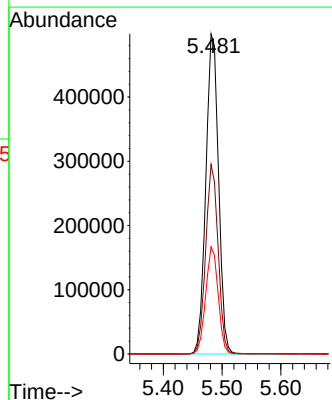
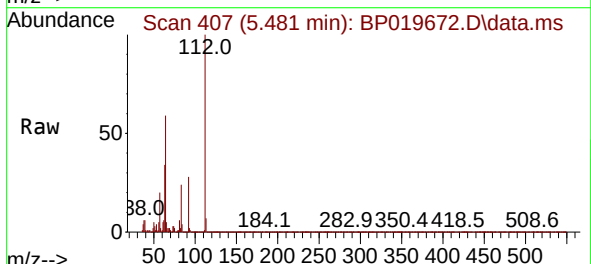
Instrument :
BNA_P
ClientSampleId :
WC-4

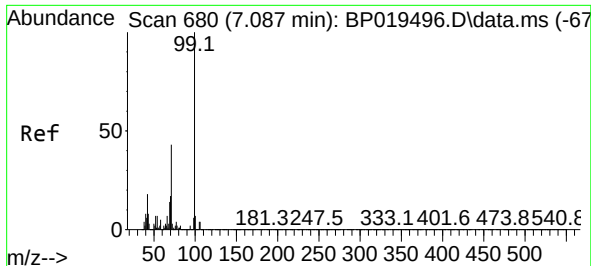
Tgt Ion:152 Resp: 97176
Ion Ratio Lower Upper
152 100
150 158.1 121.8 182.8
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 124.122 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019672.D
Acq: 12 Feb 2024 20:25

Tgt Ion:112 Resp: 748280
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 33.5 27.0 40.6

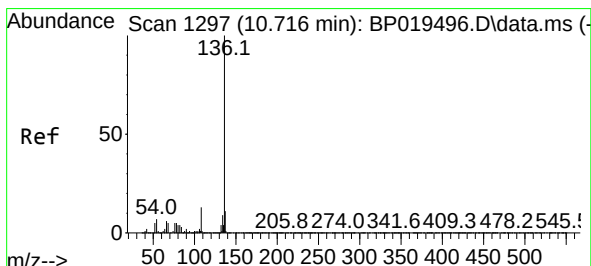
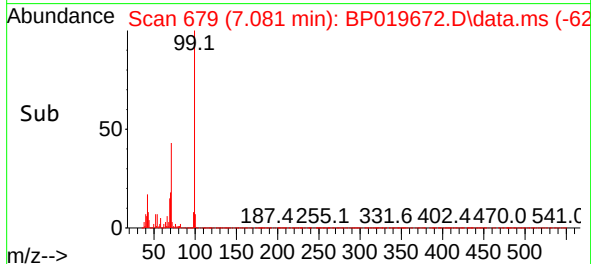
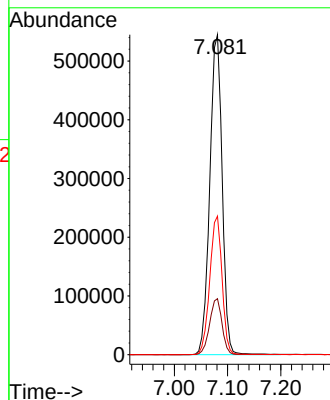
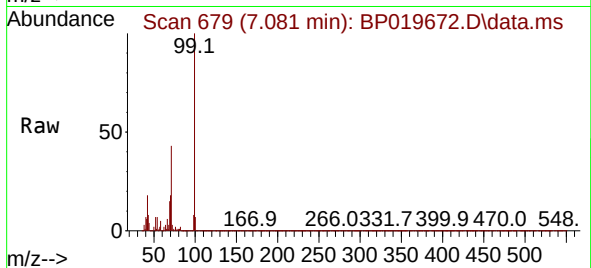




#7
Phenol-d6
Concen: 108.472 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019672.D
Acq: 12 Feb 2024 20:25

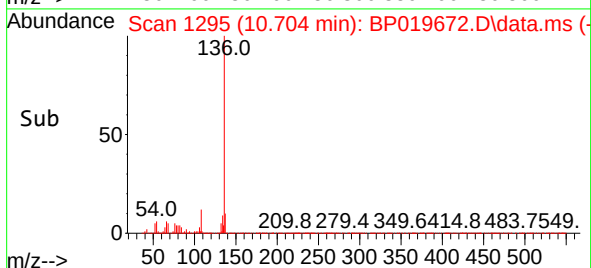
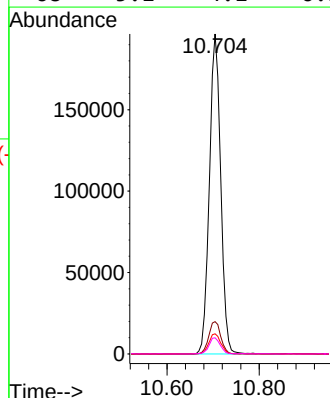
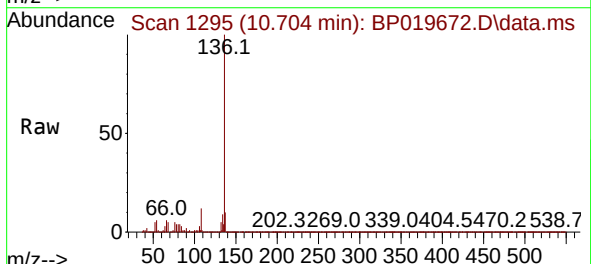
Instrument :
BNA_P
ClientSampleId :
WC-4

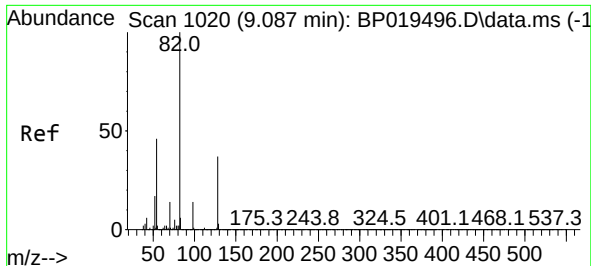
Tgt Ion: 99 Resp: 881738
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 43.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019672.D
Acq: 12 Feb 2024 20:25

Tgt Ion: 136 Resp: 336662
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 6.3 5.3 7.9
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 90.176 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019672.D

Acq: 12 Feb 2024 20:25

Instrument :

BNA_P

ClientSampleId :

WC-4

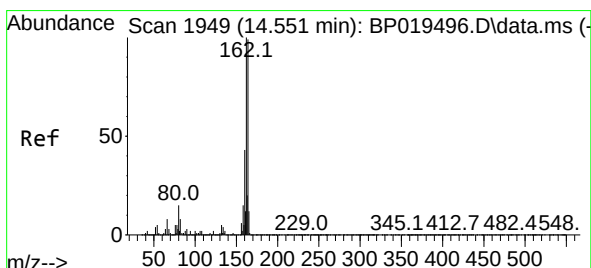
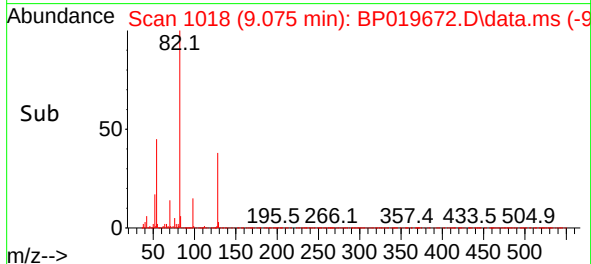
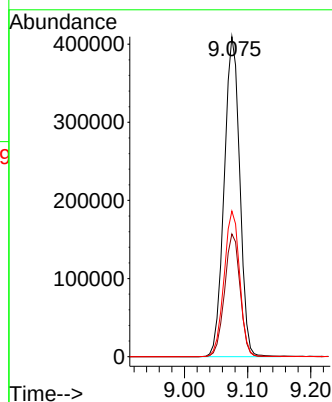
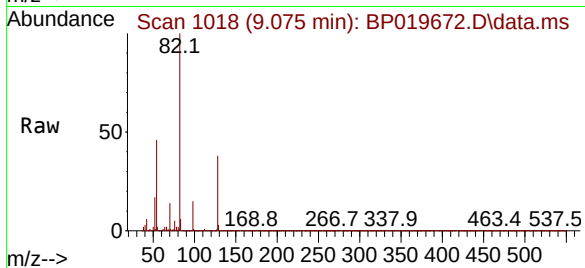
Tgt Ion: 82 Resp: 700619

Ion Ratio Lower Upper

82 100

128 38.3 29.7 44.5

54 45.5 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: BP019672.D

Acq: 12 Feb 2024 20:25

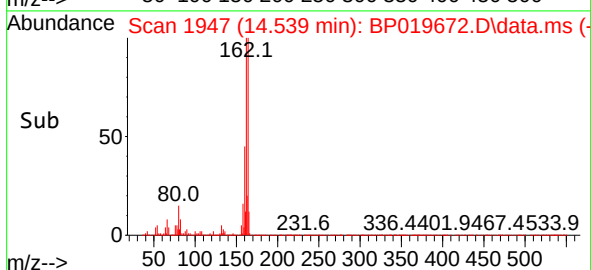
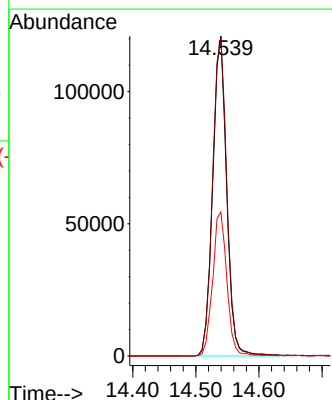
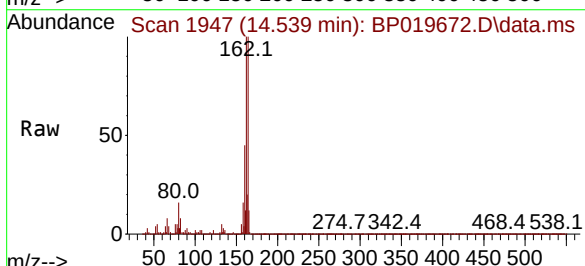
Tgt Ion: 164 Resp: 185154

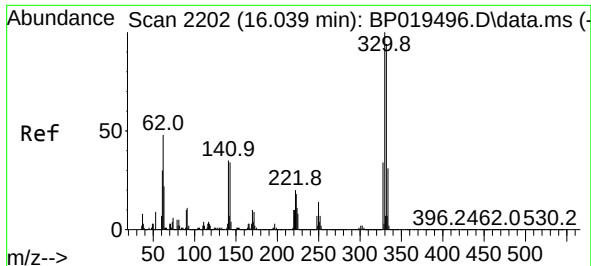
Ion Ratio Lower Upper

164 100

162 99.7 81.2 121.8

160 44.9 35.1 52.7

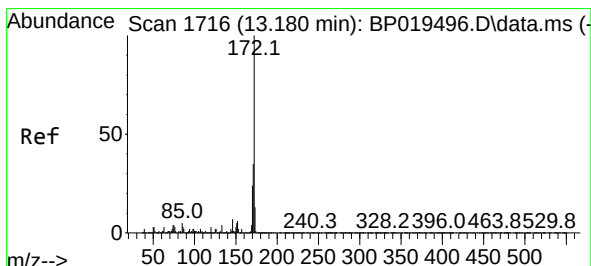
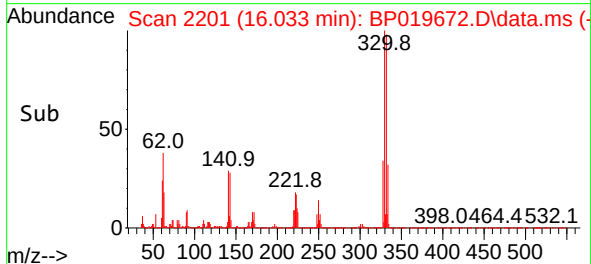
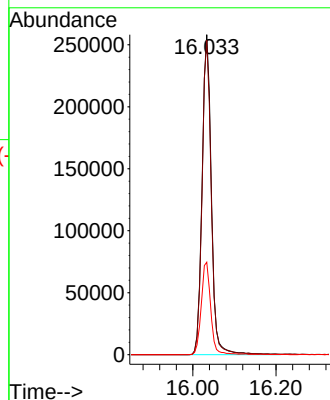
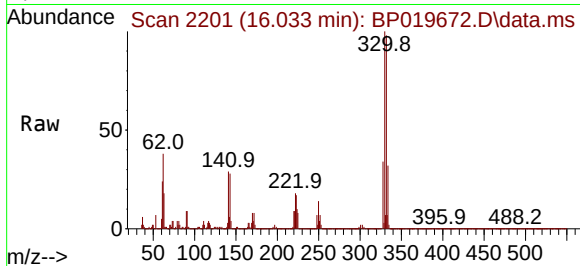




#42
2,4,6-Tribromophenol
Concen: 148.211 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019672.D
Acq: 12 Feb 2024 20:25

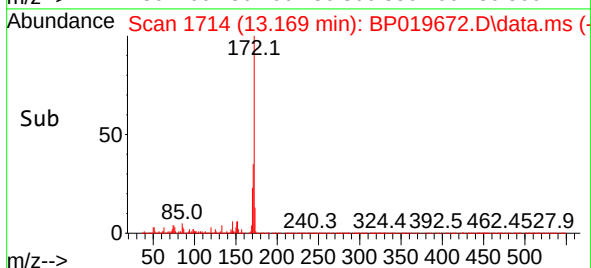
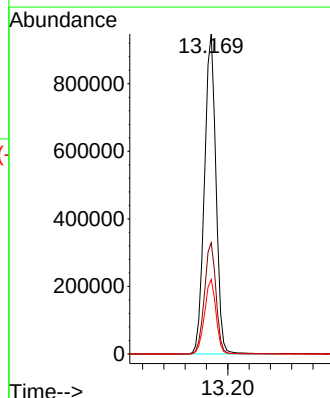
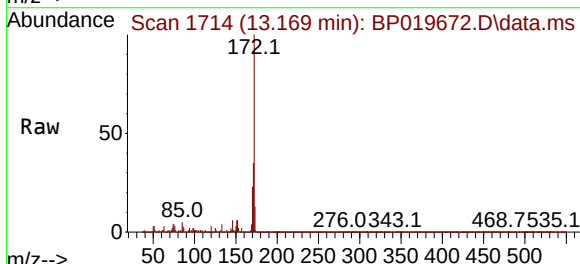
Instrument :
BNA_P
ClientSampleId :
WC-4

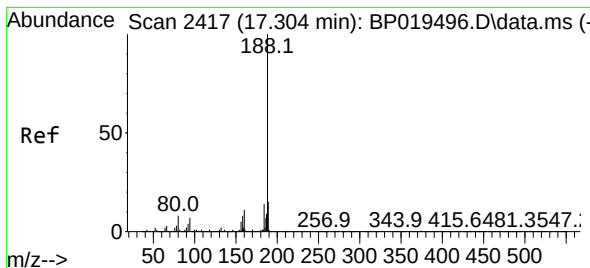
Tgt Ion: 330 Resp: 400670
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 29.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 94.796 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019672.D
Acq: 12 Feb 2024 20:25

Tgt Ion: 172 Resp: 1419797
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019672.D

Acq: 12 Feb 2024 20:25

Instrument :

BNA_P

ClientSampleId :

WC-4

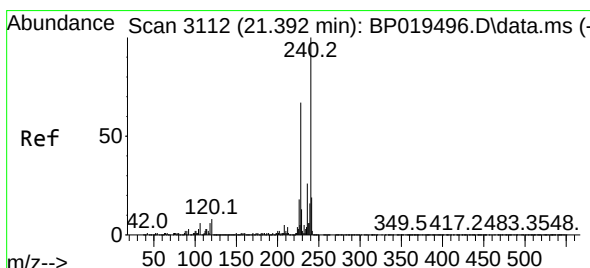
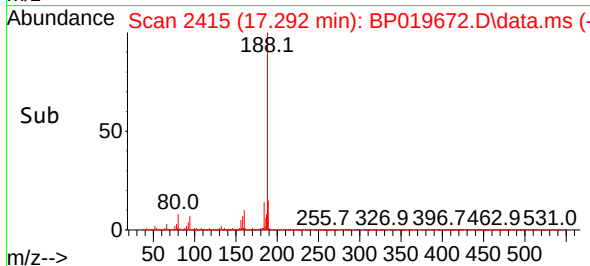
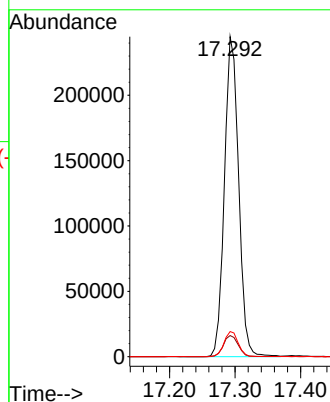
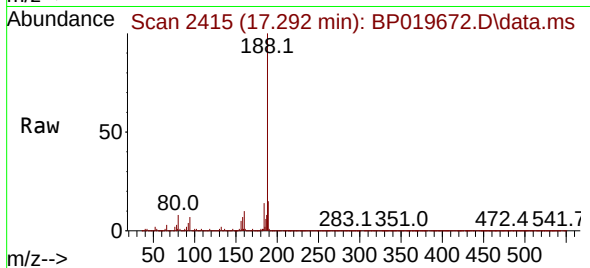
Tgt Ion:188 Resp: 366661

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 7.8 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: BP019672.D

Acq: 12 Feb 2024 20:25

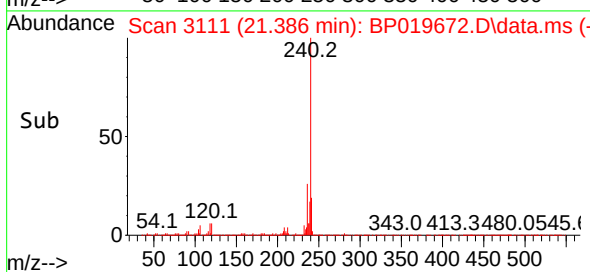
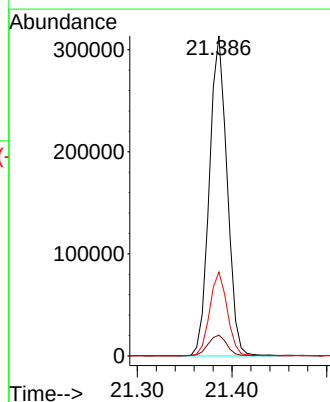
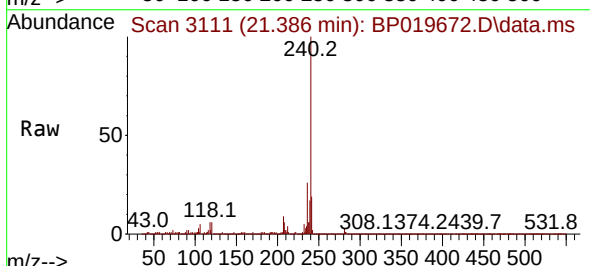
Tgt Ion:240 Resp: 407559

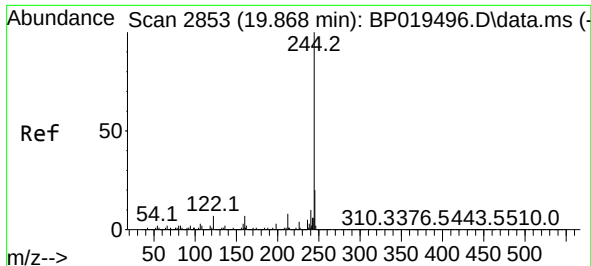
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.2 20.7 31.1



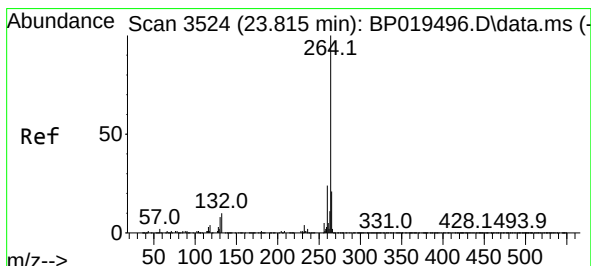
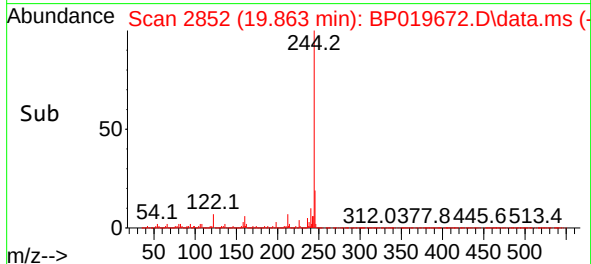
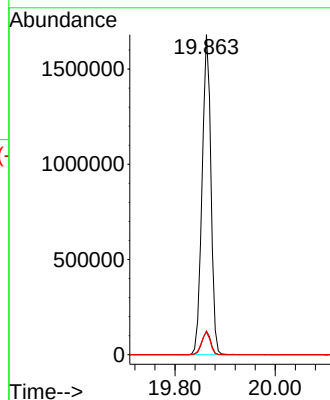
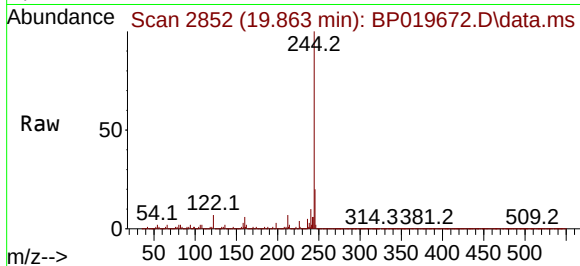


#79
 Terphenyl-d14
 Concen: 82.329 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019672.D
 Acq: 12 Feb 2024 20:25

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 2040327

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	7.0	5.9	8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 3522
 Delta R.T. -0.012 min
 Lab File: BP019672.D
 Acq: 12 Feb 2024 20:25

Tgt Ion:264 Resp: 488346

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.0	25.4

