

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
Data File : BP019670.D
Acq On : 12 Feb 2024 19:17
Operator : MA/JU
Sample : P1389-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2

Quant Time: Feb 12 22:25:42 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	95962	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	327515	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	180875	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	356426	20.000	ng	0.00
76) Chrysene-d12	21.386	240	408060	20.000	ng	0.00
86) Perylene-d12	23.810	264	525493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	723706	121.565	ng	0.00
7) Phenol-d6	7.081	99	827077	103.035	ng	0.00
23) Nitrobenzene-d5	9.075	82	679382	89.885	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	394554	149.401	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1362466	93.121	ng	-0.01
79) Terphenyl-d14	19.863	244	2025998	81.651	ng	0.00

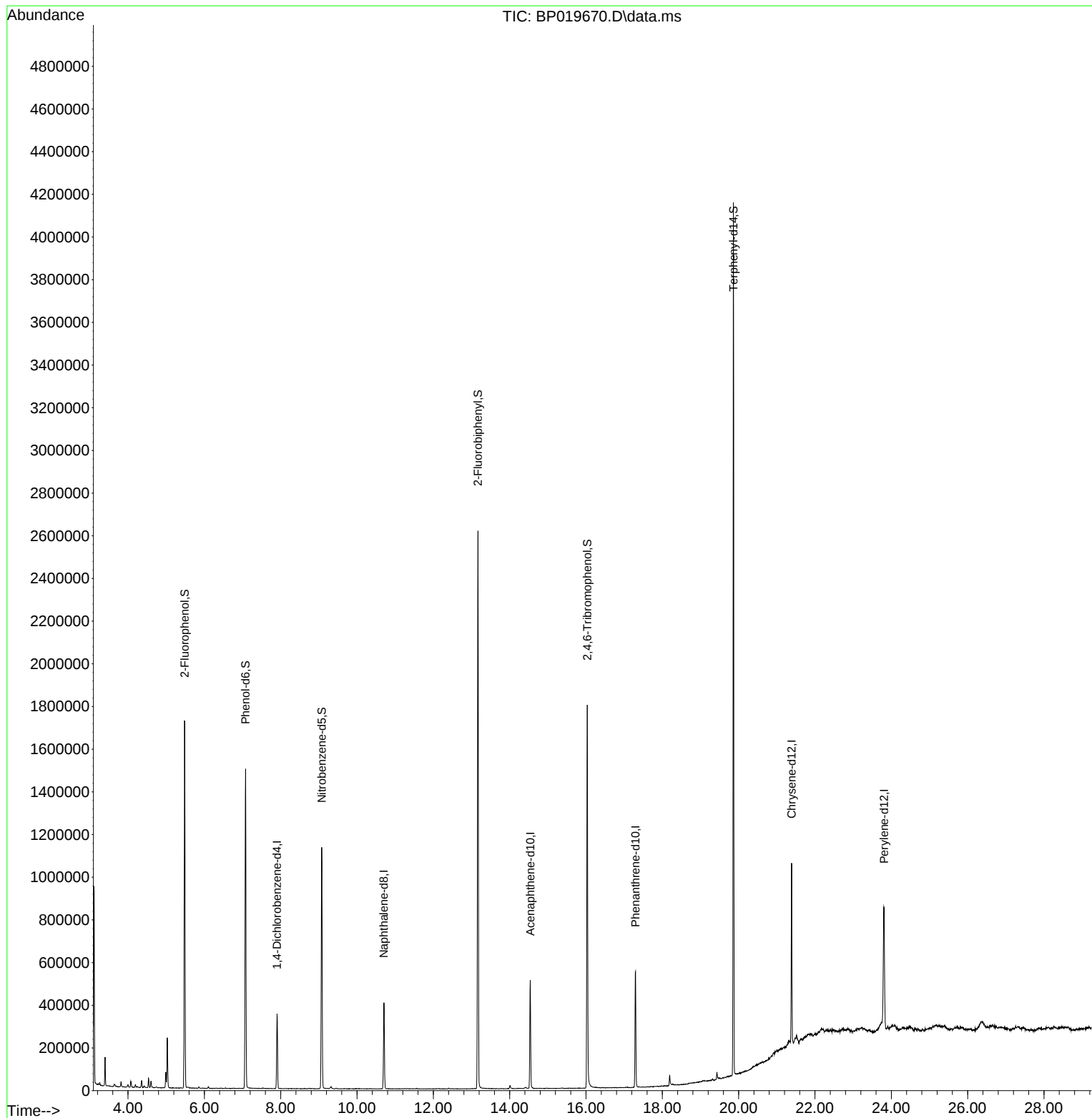
Target Compounds	Qvalue

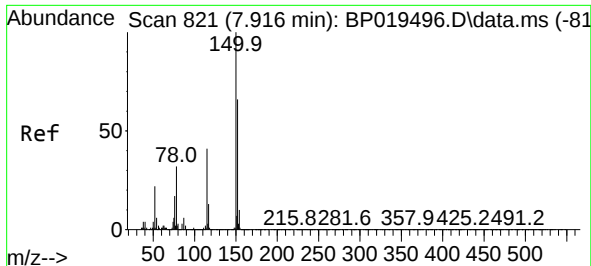
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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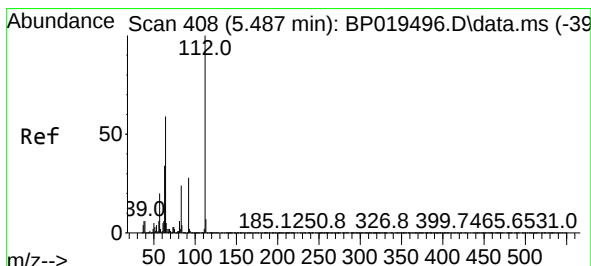
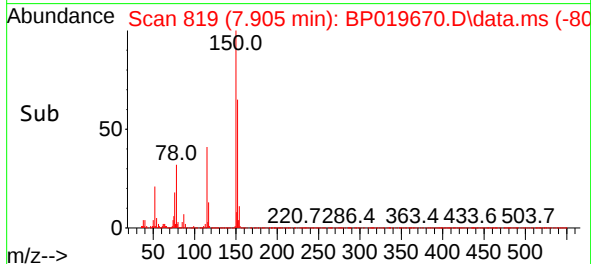
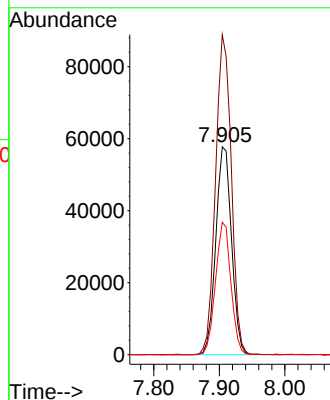
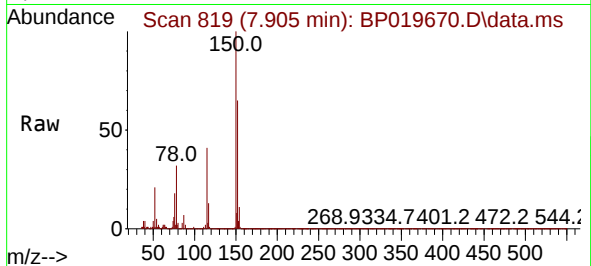




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019670.D
Acq: 12 Feb 2024 19:17

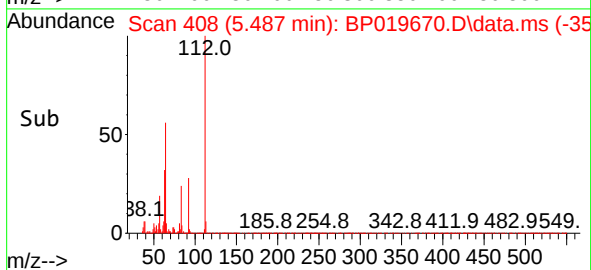
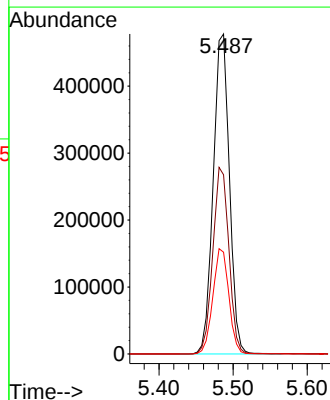
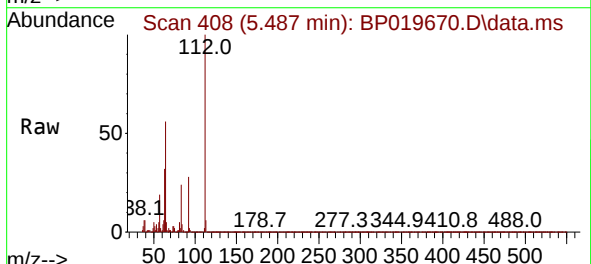
Instrument :
BNA_P
ClientSampleId :
WC-2

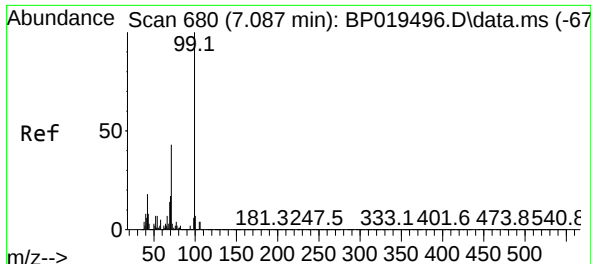
Tgt Ion:152 Resp: 95962
Ion Ratio Lower Upper
152 100
150 154.0 121.8 182.8
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 121.565 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019670.D
Acq: 12 Feb 2024 19:17

Tgt Ion:112 Resp: 723706
Ion Ratio Lower Upper
112 100
64 56.0 47.4 71.0
63 31.8 27.0 40.6

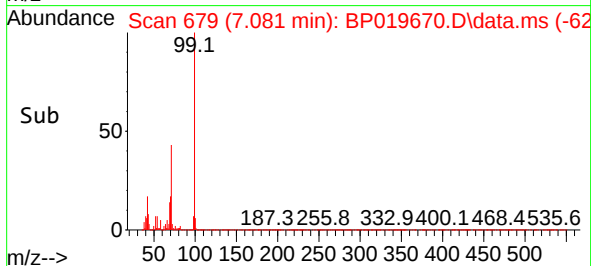
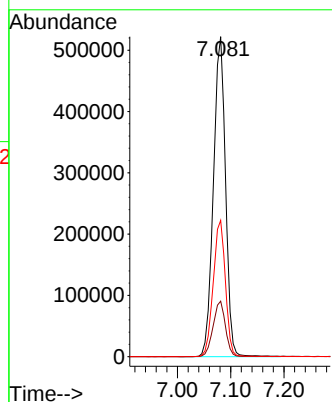
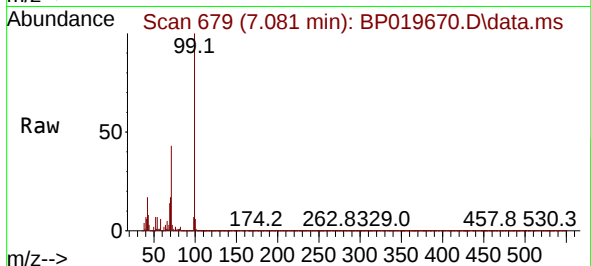




#7
Phenol-d6
Concen: 103.035 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019670.D
Acq: 12 Feb 2024 19:17

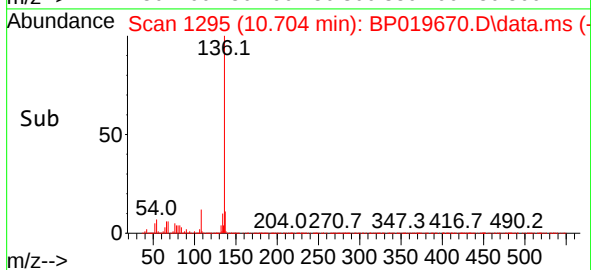
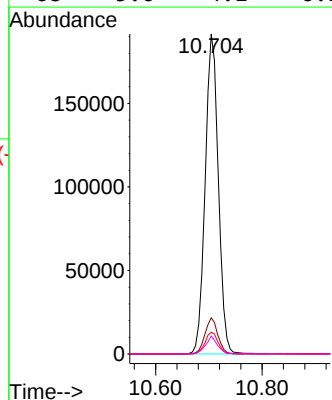
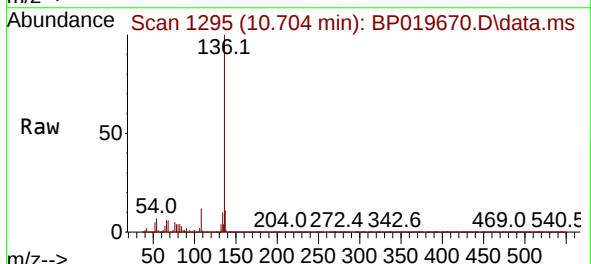
Instrument :
BNA_P
ClientSampleId :
WC-2

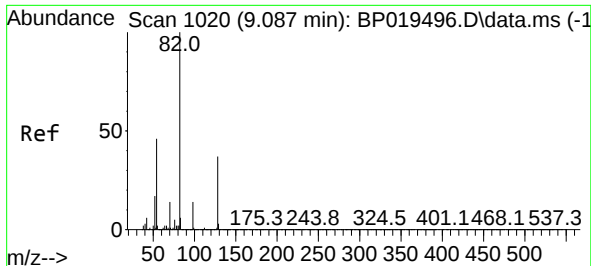
Tgt Ion: 99 Resp: 827077
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 42.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019670.D
Acq: 12 Feb 2024 19:17

Tgt Ion: 136 Resp: 327515
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.8 5.3 7.9
68 5.6 4.1 6.1

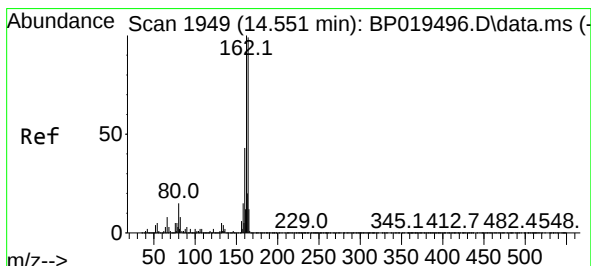
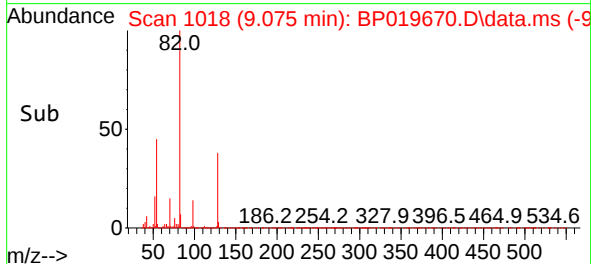
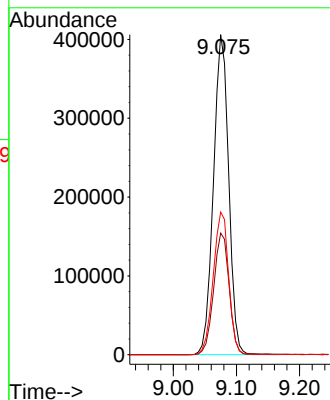
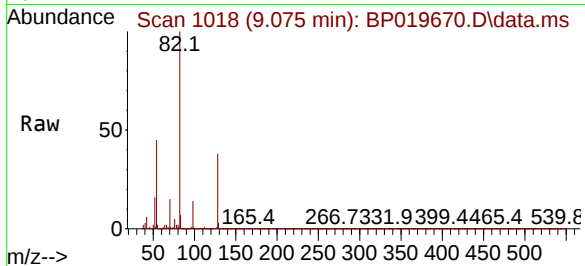




#23
Nitrobenzene-d5
Concen: 89.885 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019670.D
Acq: 12 Feb 2024 19:17

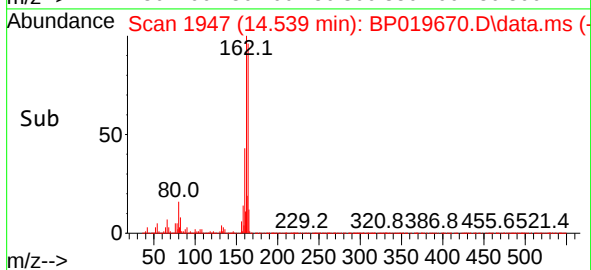
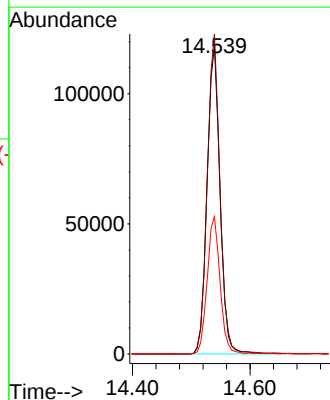
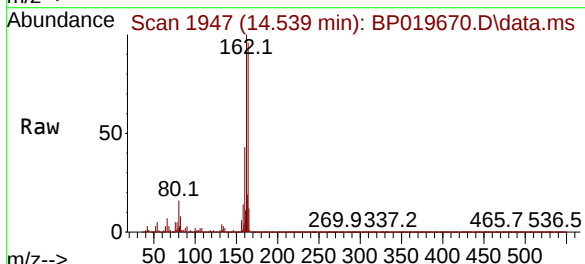
Instrument :
BNA_P
ClientSampleId :
WC-2

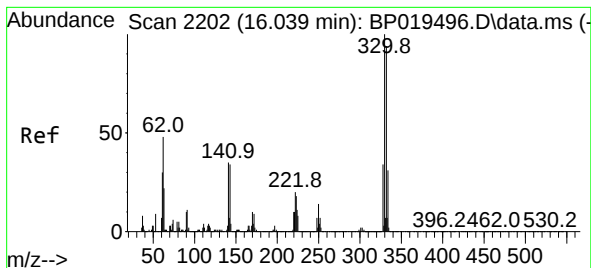
Tgt Ion: 82 Resp: 679382
Ion Ratio Lower Upper
82 100
128 38.0 29.7 44.5
54 44.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019670.D
Acq: 12 Feb 2024 19:17

Tgt Ion: 164 Resp: 180875
Ion Ratio Lower Upper
164 100
162 104.0 81.2 121.8
160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 149.401 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019670.D

Acq: 12 Feb 2024 19:17

Instrument :

BNA_P

ClientSampleId :

WC-2

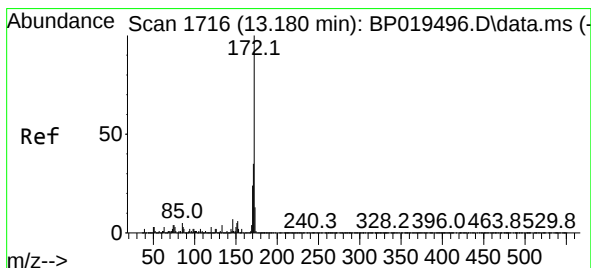
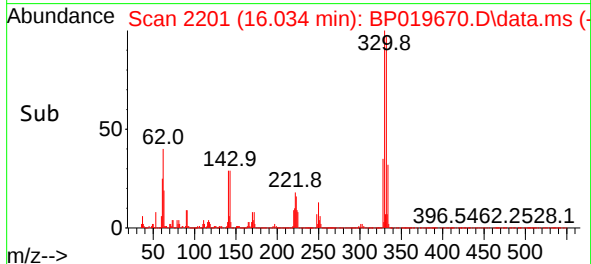
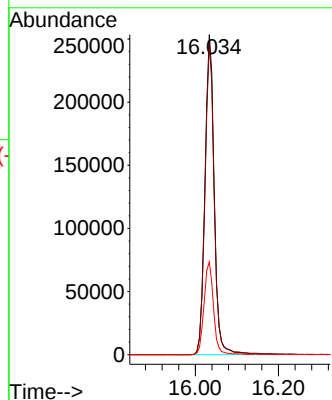
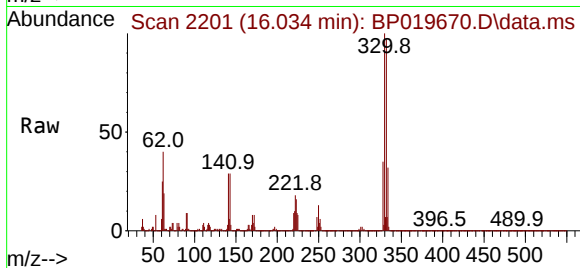
Tgt Ion:330 Resp: 394554

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

141 29.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 93.121 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP019670.D

Acq: 12 Feb 2024 19:17

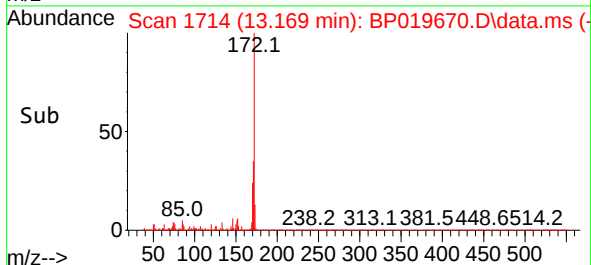
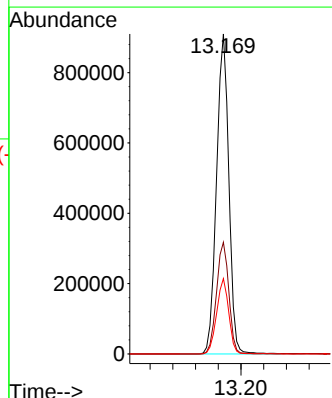
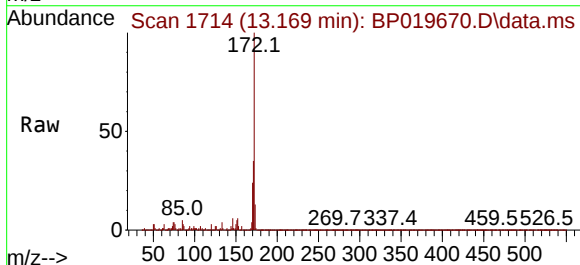
Tgt Ion:172 Resp: 1362466

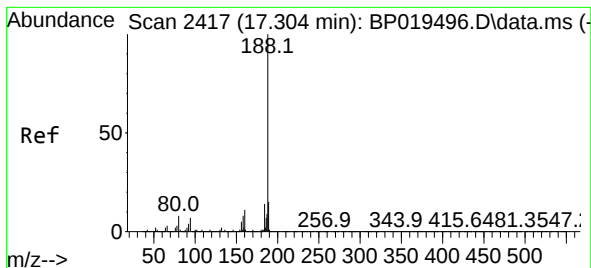
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.6 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: BP019670.D

Acq: 12 Feb 2024 19:17

Instrument :

BNA_P

ClientSampleId :

WC-2

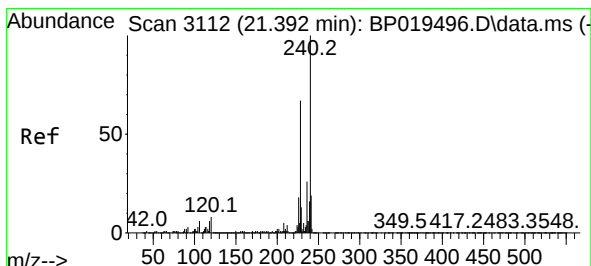
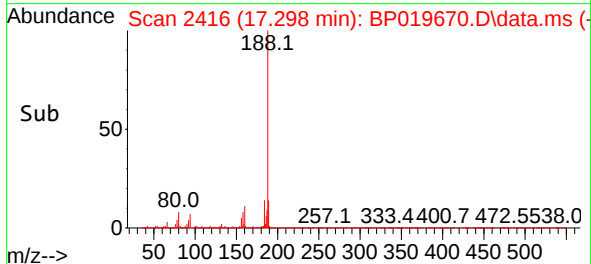
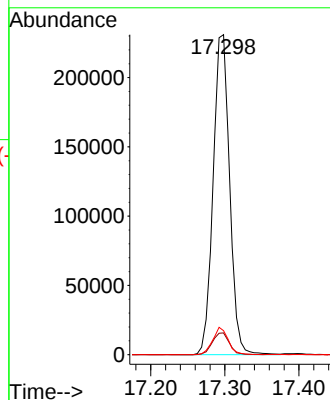
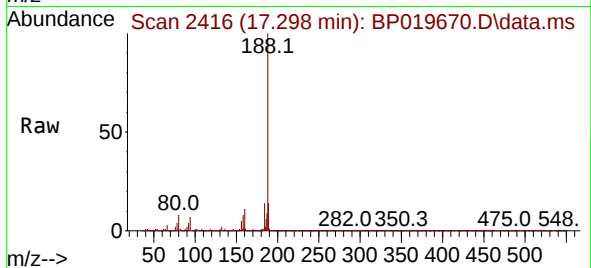
Tgt Ion:188 Resp: 356426

Ion Ratio Lower Upper

188 100

94 6.8 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: BP019670.D

Acq: 12 Feb 2024 19:17

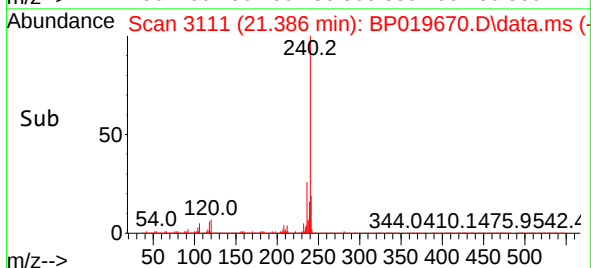
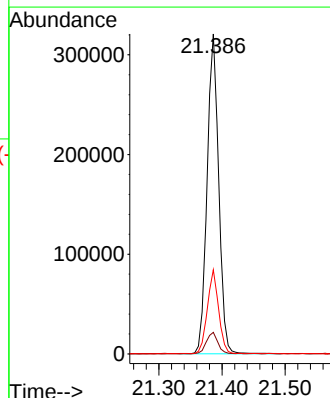
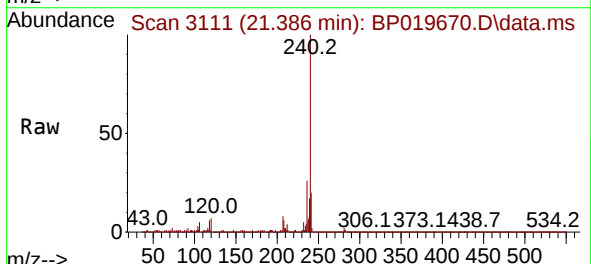
Tgt Ion:240 Resp: 408060

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 26.3 20.7 31.1



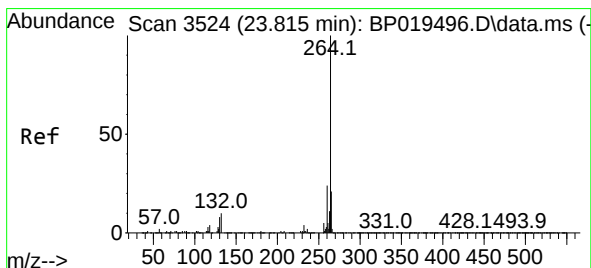
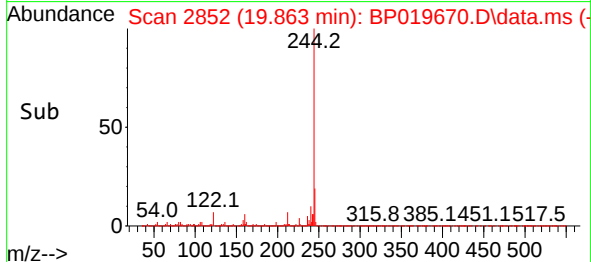
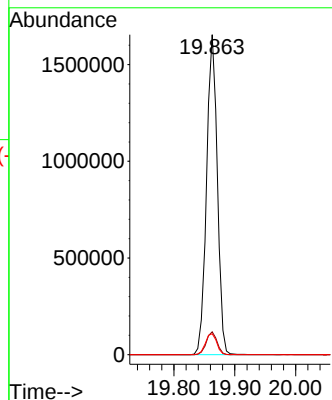
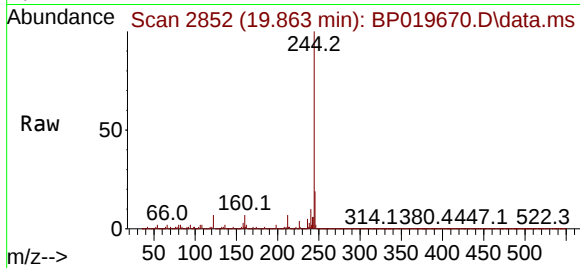


#79
 Terphenyl-d14
 Concen: 81.651 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019670.D
 Acq: 12 Feb 2024 19:17

Instrument :
 BNA_P
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 2025998

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.6	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: BP019670.D
 Acq: 12 Feb 2024 19:17

Tgt Ion:264 Resp: 525493

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.0	25.4

