

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
 Data File : BP019601.D
 Acq On : 07 Feb 2024 19:14
 Operator : MA/JU
 Sample : P1362-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-3

Quant Time: Feb 08 01:32:18 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	73480	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	277911	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	192227	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	466040	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	474733	20.000	ng	-0.01
86) Perylene-d12	23.792	264	534746	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	408403	89.591	ng	0.00
7) Phenol-d6	7.075	99	548705	89.270	ng	-0.01
23) Nitrobenzene-d5	9.069	82	368903	57.519	ng	-0.02
42) 2,4,6-Tribromophenol	16.028	330	290115	103.367	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	851019	54.730	ng	-0.02
79) Terphenyl-d14	19.857	244	1621557	56.173	ng	-0.01

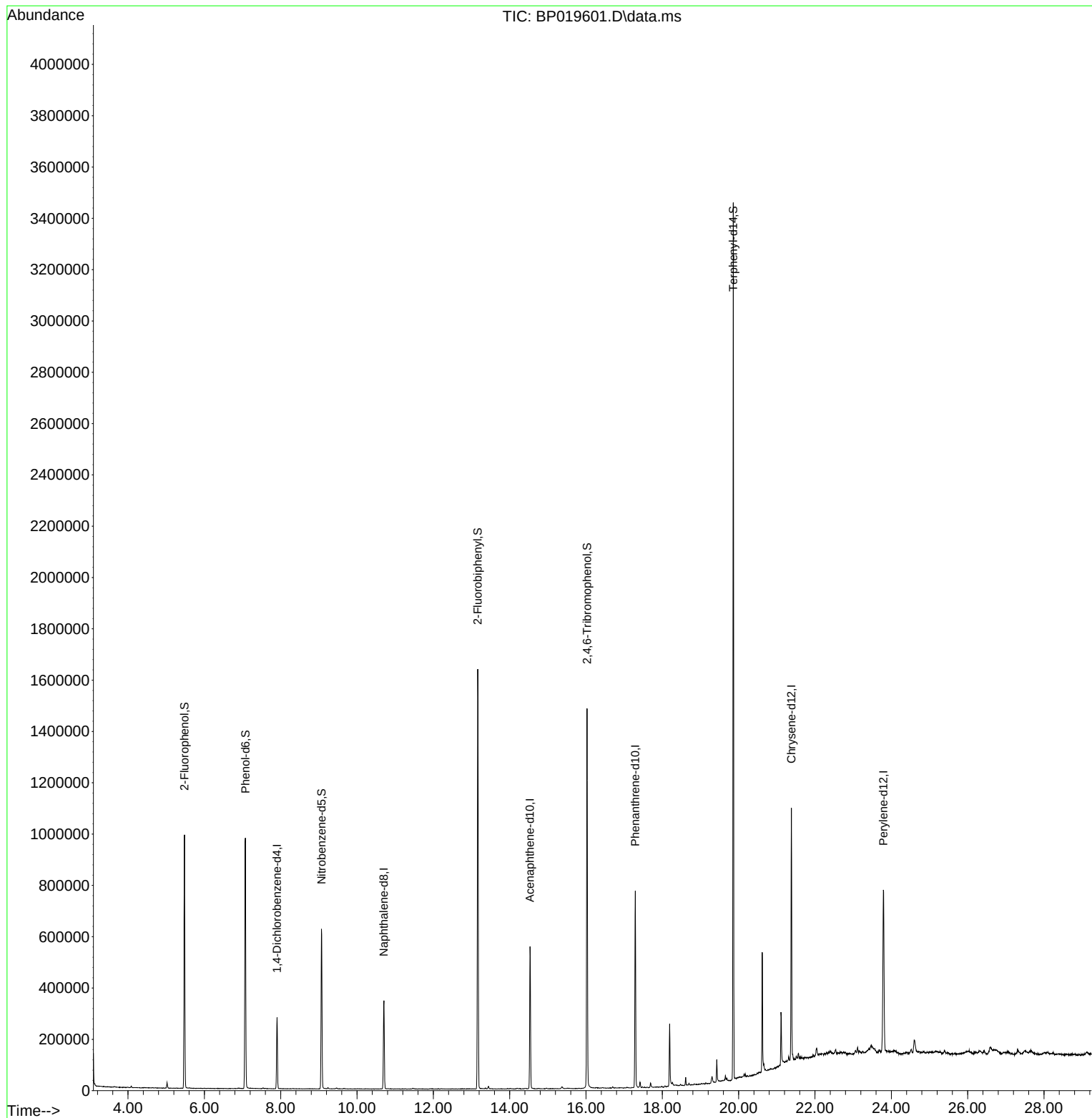
Target Compounds	Qvalue

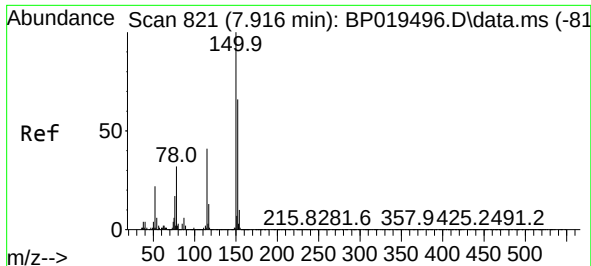
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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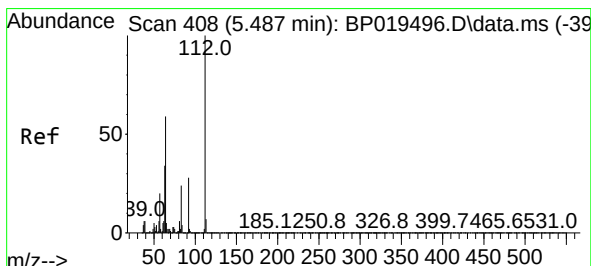
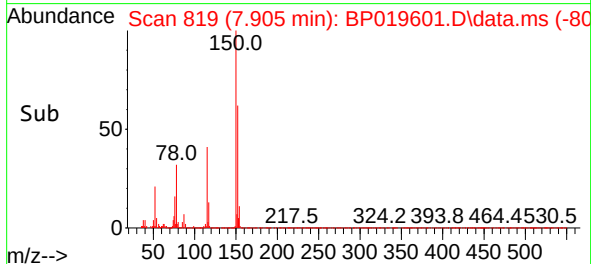
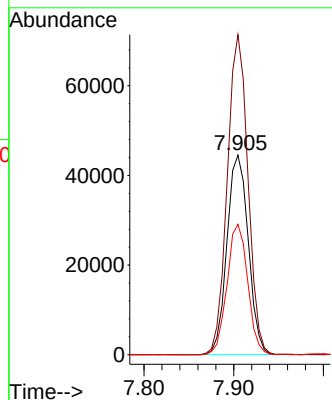
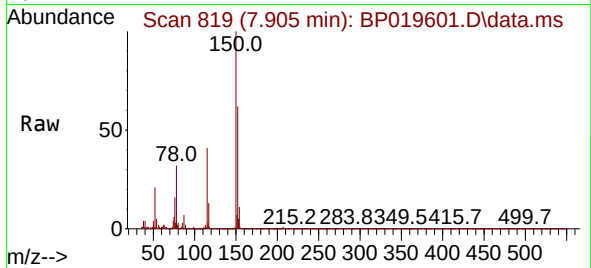




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019601.D
Acq: 07 Feb 2024 19:14

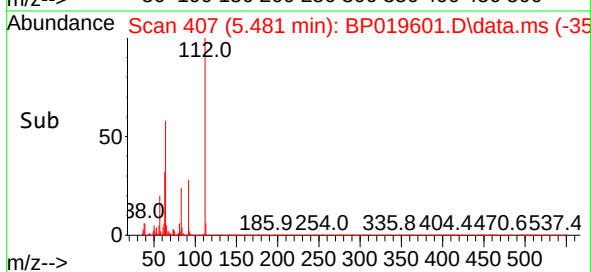
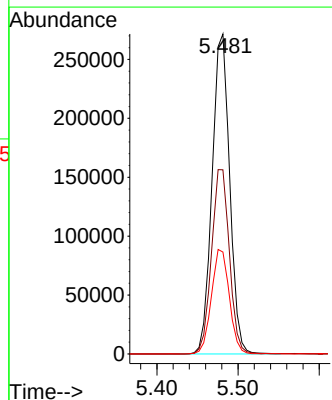
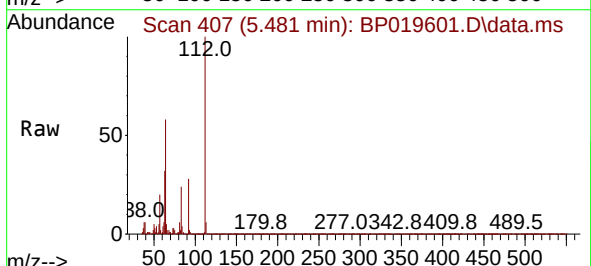
Instrument :
BNA_P
ClientSampleId :
WC-3

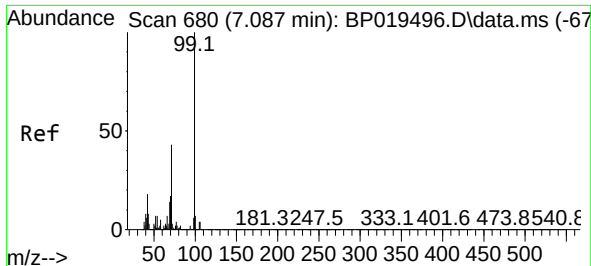
Tgt Ion:152 Resp: 73480
Ion Ratio Lower Upper
152 100
150 160.3 121.8 182.8
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 89.591 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019601.D
Acq: 07 Feb 2024 19:14

Tgt Ion:112 Resp: 408403
Ion Ratio Lower Upper
112 100
64 57.6 47.4 71.0
63 31.9 27.0 40.6

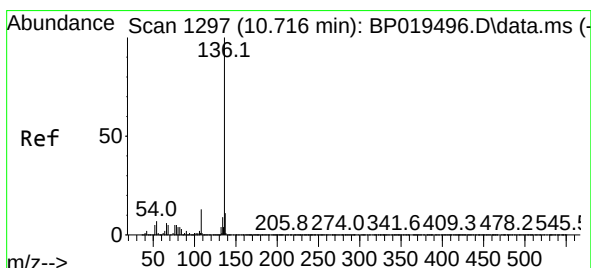
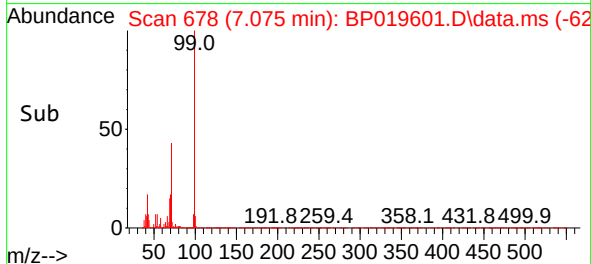
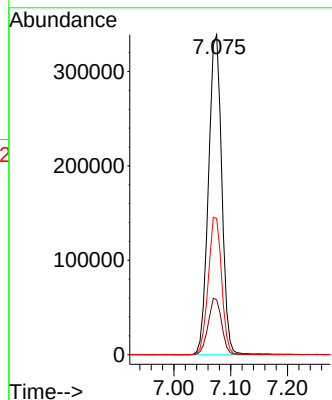
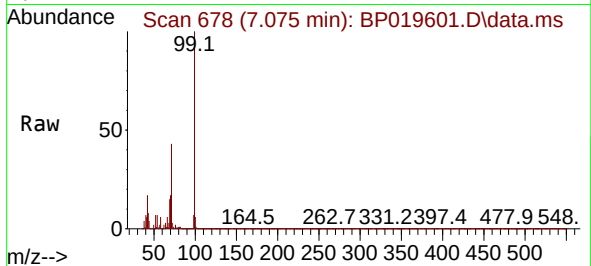




#7
Phenol-d6
Concen: 89.270 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019601.D
Acq: 07 Feb 2024 19:14

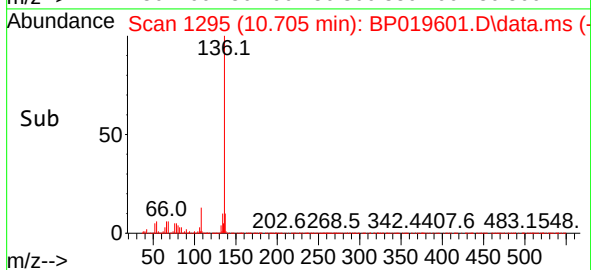
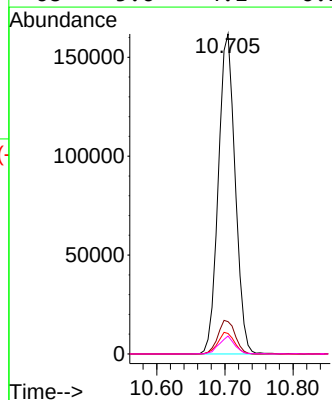
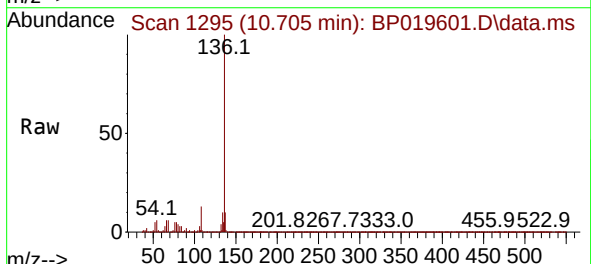
Instrument :
BNA_P
ClientSampleId :
WC-3

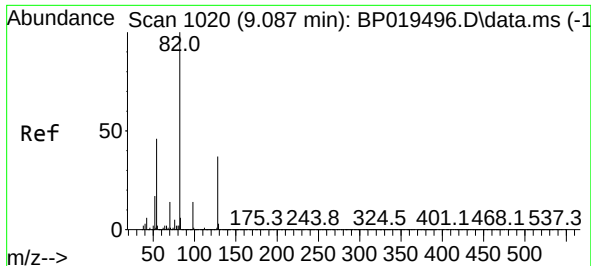
Tgt Ion: 99 Resp: 548705
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 42.5 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019601.D
Acq: 07 Feb 2024 19:14

Tgt Ion: 136 Resp: 277911
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 6.4 5.3 7.9
68 5.6 4.1 6.1

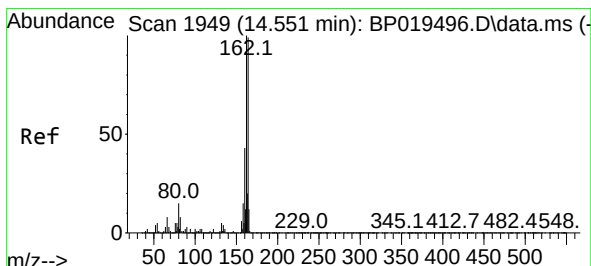
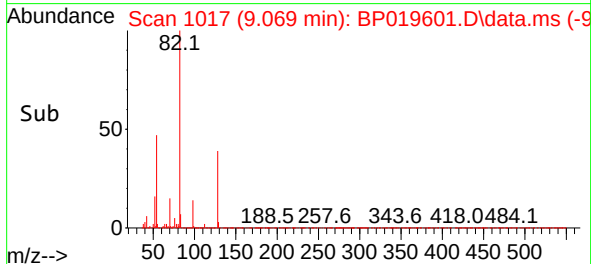
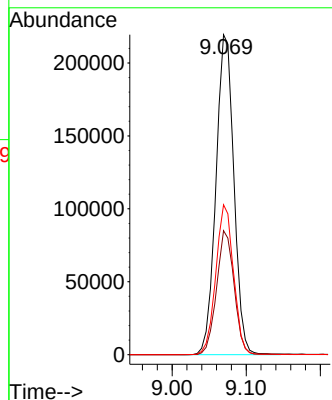
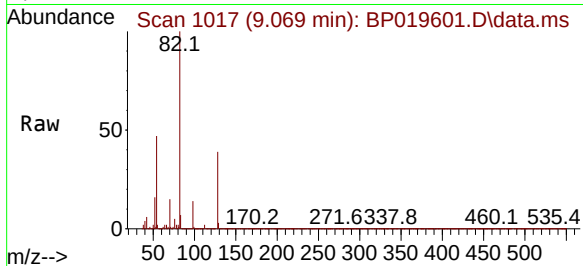




#23
Nitrobenzene-d5
Concen: 57.519 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019601.D
Acq: 07 Feb 2024 19:14

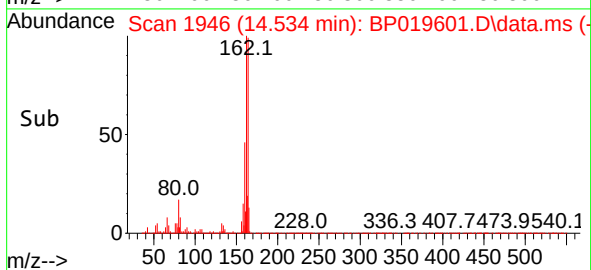
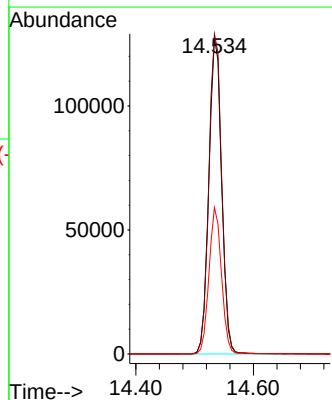
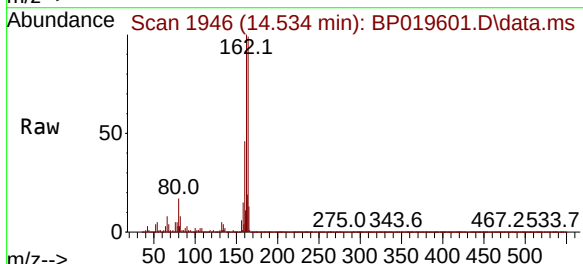
Instrument :
BNA_P
ClientSampleId :
WC-3

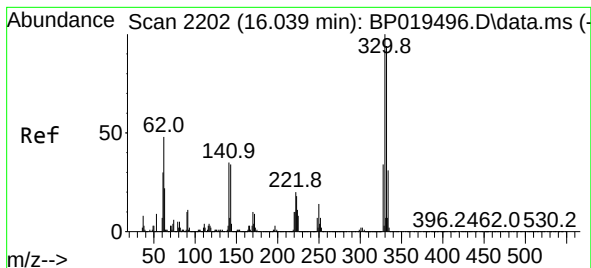
Tgt Ion: 82 Resp: 368903
Ion Ratio Lower Upper
82 100
128 38.8 29.7 44.5
54 46.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019601.D
Acq: 07 Feb 2024 19:14

Tgt Ion: 164 Resp: 192227
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 46.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 103.367 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019601.D

Acq: 07 Feb 2024 19:14

Instrument :

BNA_P

ClientSampleId :

WC-3

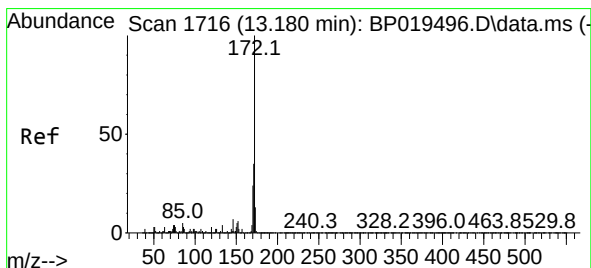
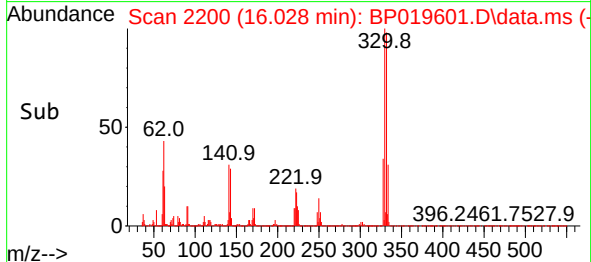
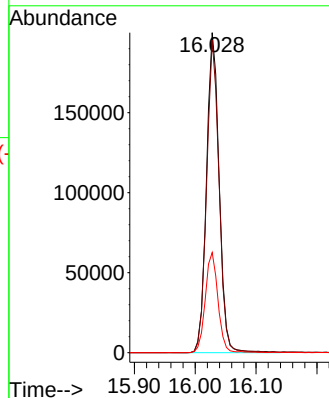
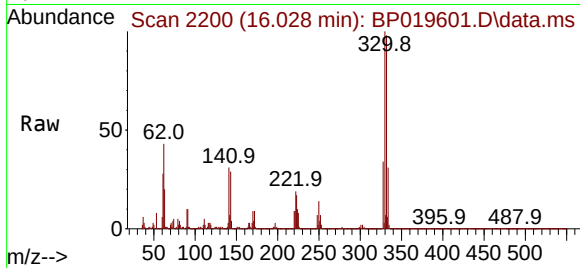
Tgt Ion:330 Resp: 290115

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 31.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 54.730 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019601.D

Acq: 07 Feb 2024 19:14

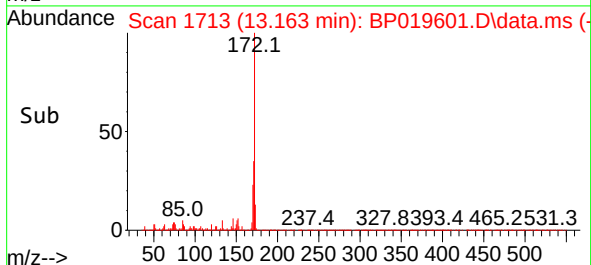
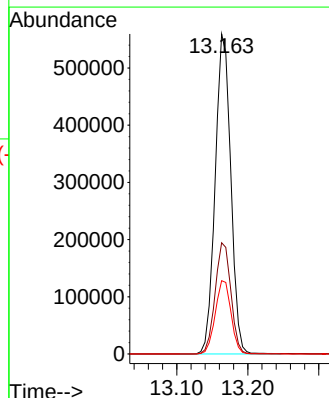
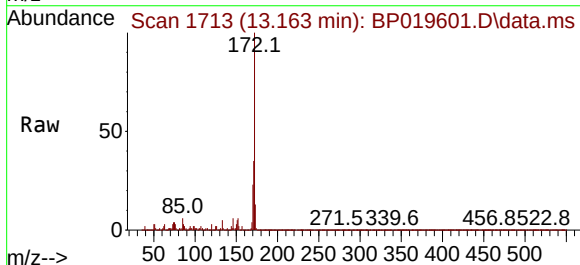
Tgt Ion:172 Resp: 851019

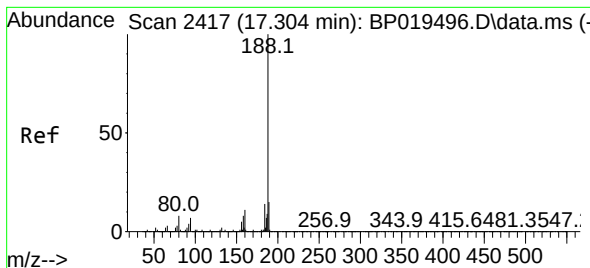
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.9 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: BP019601.D

Acq: 07 Feb 2024 19:14

Instrument :

BNA_P

ClientSampleId :

WC-3

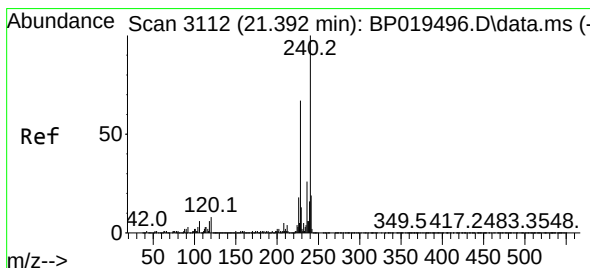
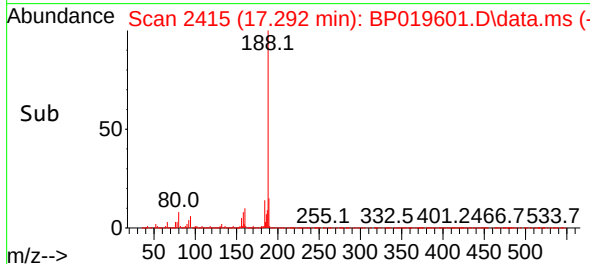
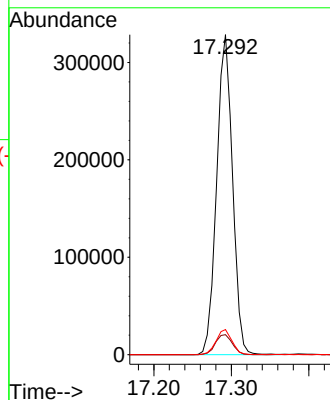
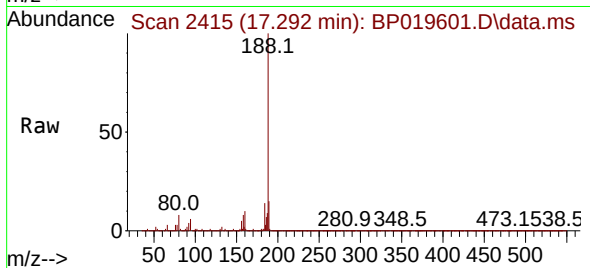
Tgt Ion:188 Resp: 466040

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 7.9 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.011 min

Lab File: BP019601.D

Acq: 07 Feb 2024 19:14

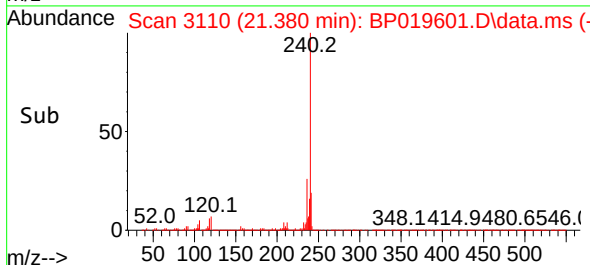
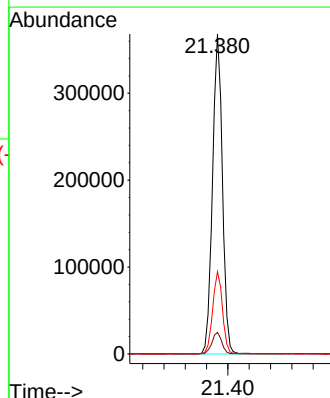
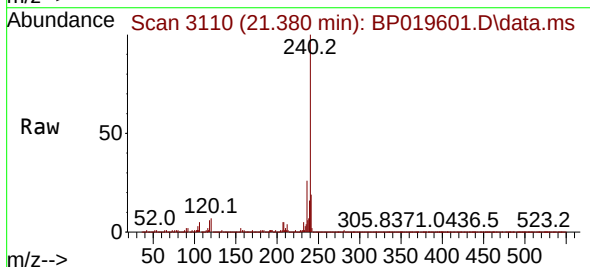
Tgt Ion:240 Resp: 474733

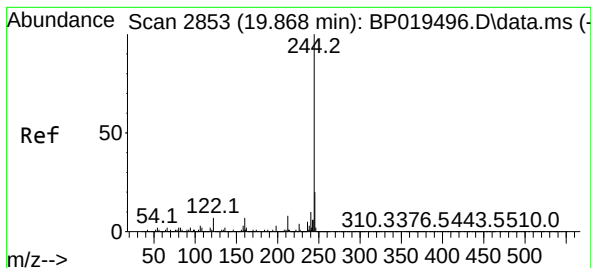
Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 56.173 ng

RT: 19.857 min Scan# 2853

Delta R.T. -0.011 min

Lab File: BP019601.D

Acq: 07 Feb 2024 19:14

Instrument :

BNA_P

ClientSampleId :

WC-3

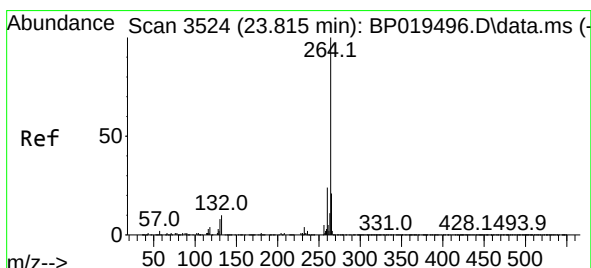
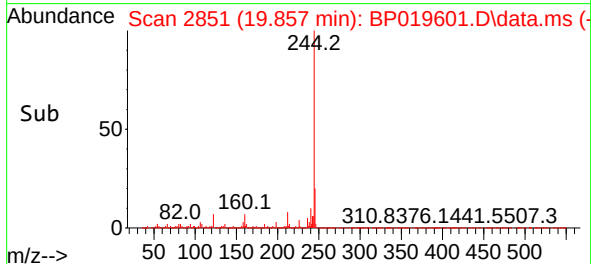
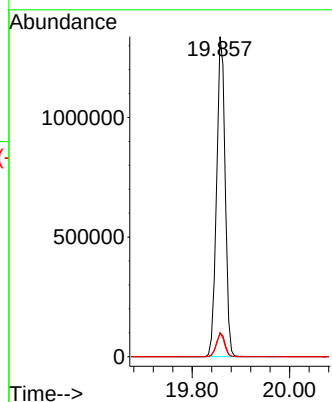
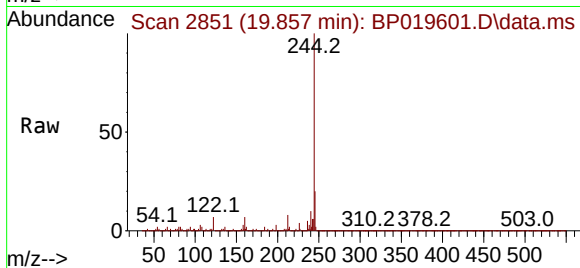
Tgt Ion:244 Resp: 1621557

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 7.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3520

Delta R.T. -0.023 min

Lab File: BP019601.D

Acq: 07 Feb 2024 19:14

Tgt Ion:264 Resp: 534746

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 17.0 25.4

