

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
 Data File : BP019687.D
 Acq On : 13 Feb 2024 20:32
 Operator : MA/JU
 Sample : P1423-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Feb 13 23:27:32 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	75932	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	283794	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	185446	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	433414	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	427241	20.000	ng	0.00
86) Perylene-d12	23.810	264	497319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	199167	42.280	ng	-0.01
7) Phenol-d6	7.069	99	271213	42.699	ng	-0.02
23) Nitrobenzene-d5	9.069	82	187662	28.653	ng	-0.02
42) 2,4,6-Tribromophenol	16.028	330	152899	56.469	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	452685	30.177	ng	-0.02
79) Terphenyl-d14	19.857	244	837988	32.256	ng	-0.01

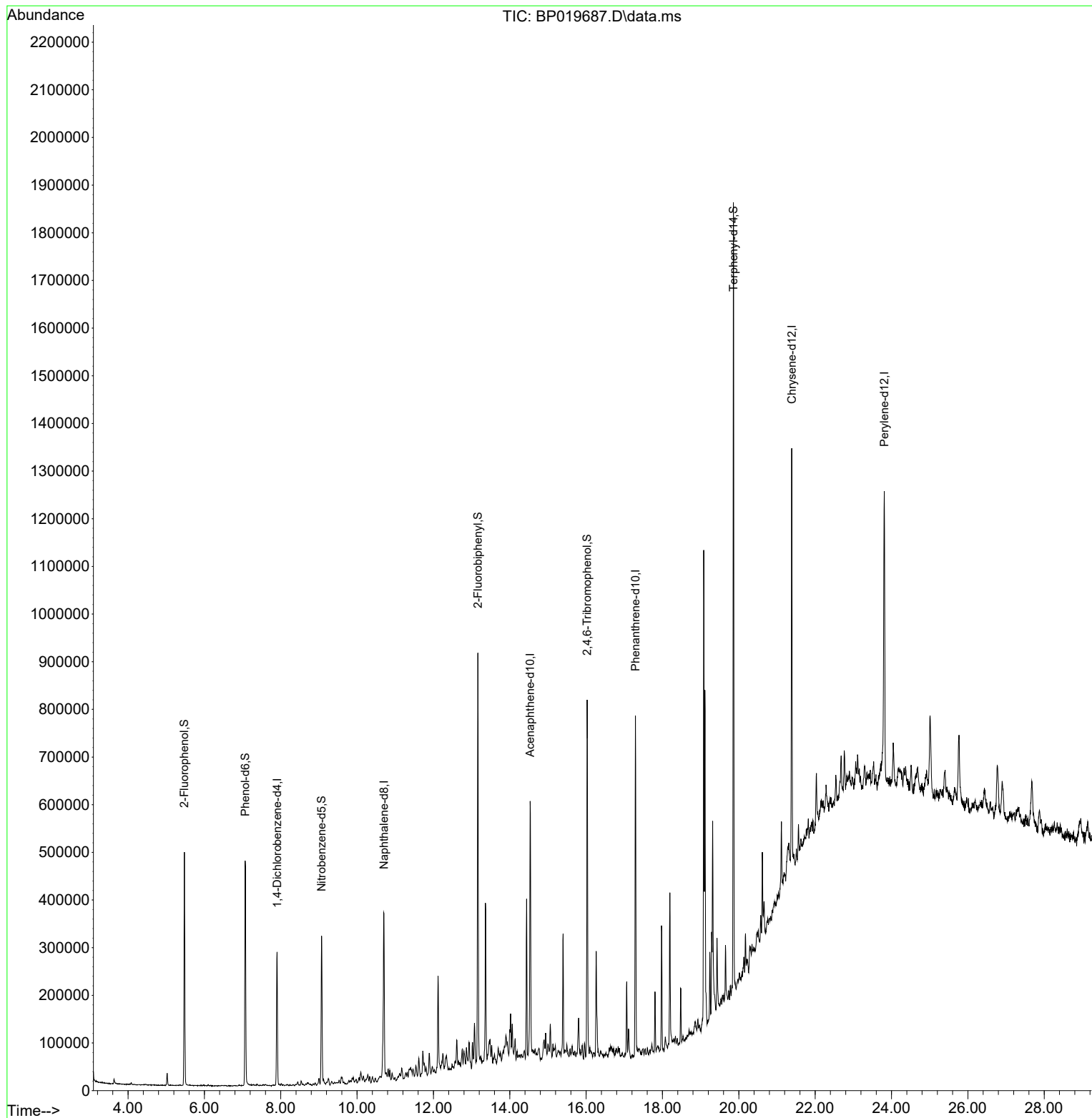
Target Compounds	Qvalue

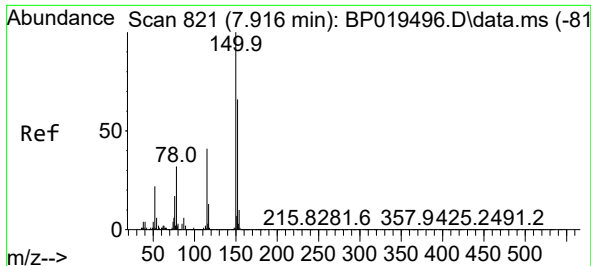
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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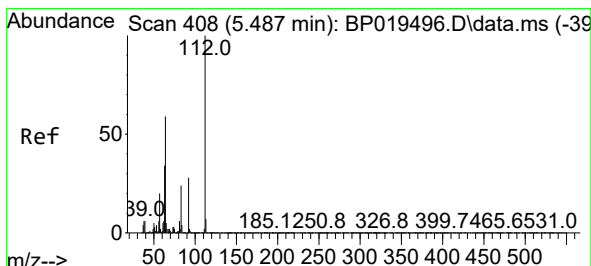
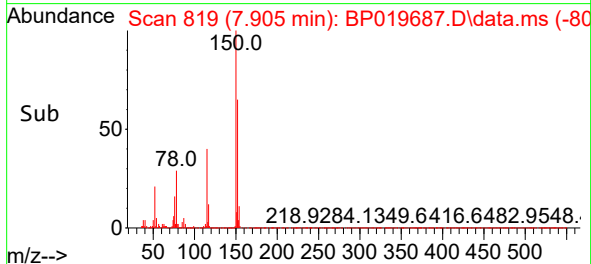
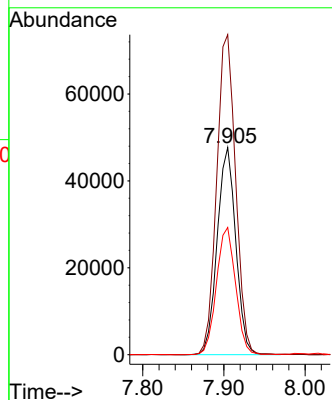
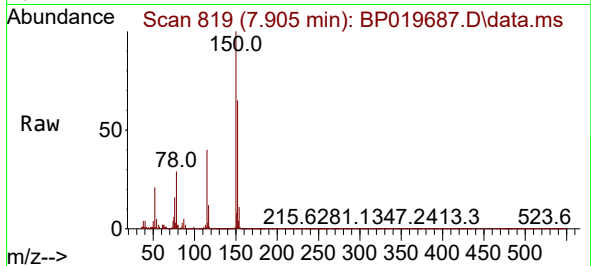




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019687.D
Acq: 13 Feb 2024 20:32

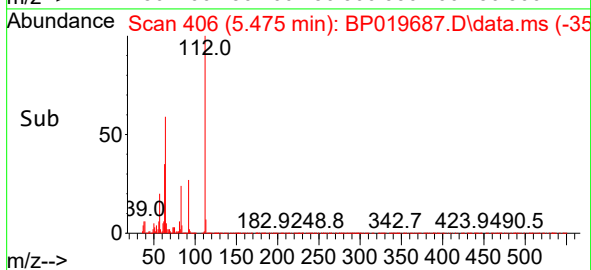
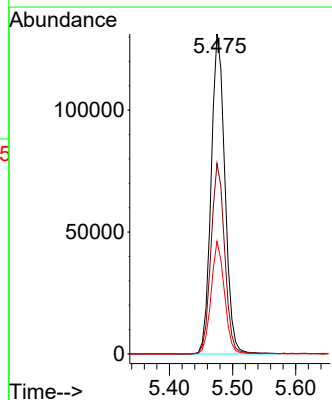
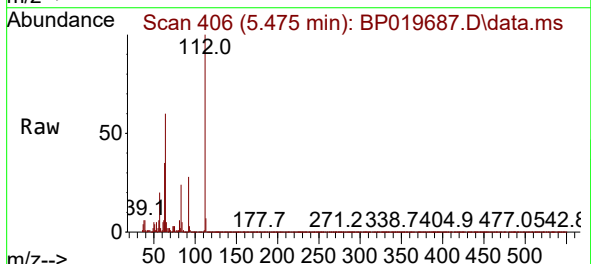
Instrument :
BNA_P
ClientSampleId :
TP-3

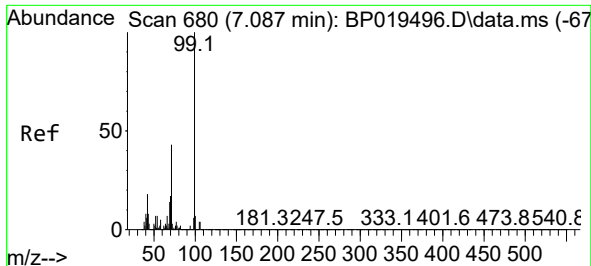
Tgt Ion:152 Resp: 75932
Ion Ratio Lower Upper
152 100
150 154.4 121.8 182.8
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 42.280 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019687.D
Acq: 13 Feb 2024 20:32

Tgt Ion:112 Resp: 199167
Ion Ratio Lower Upper
112 100
64 59.5 47.4 71.0
63 35.2 27.0 40.6

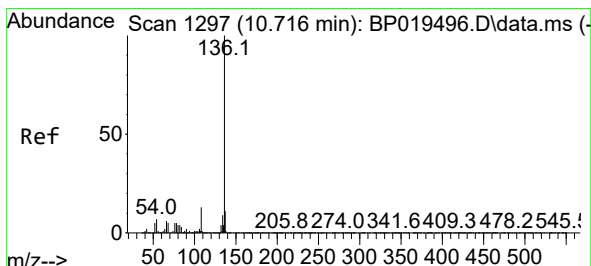
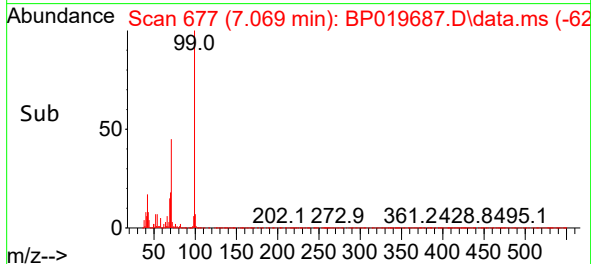
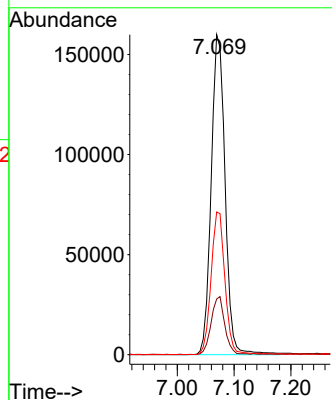
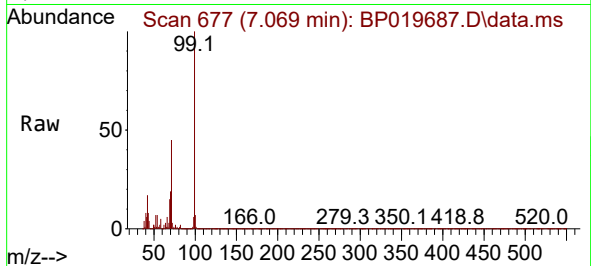




#7
Phenol-d6
Concen: 42.699 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019687.D
Acq: 13 Feb 2024 20:32

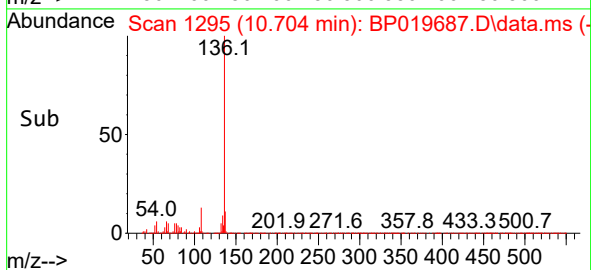
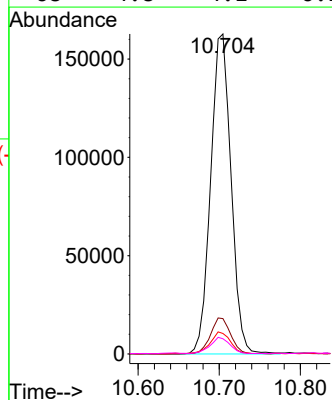
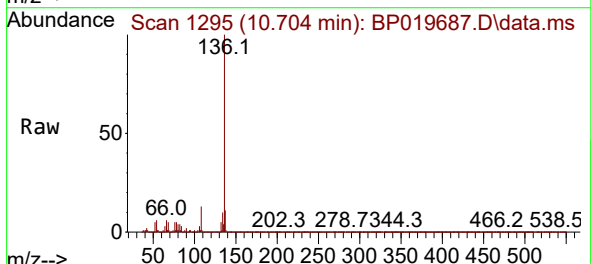
Instrument :
BNA_P
ClientSampleId :
TP-3

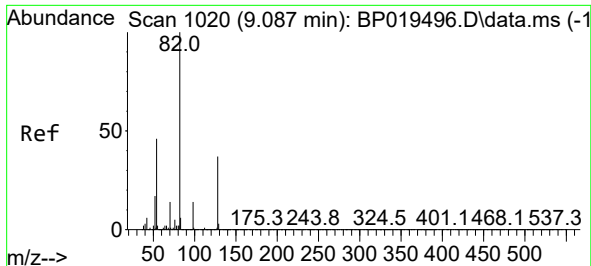
Tgt Ion: 99 Resp: 271213
Ion Ratio Lower Upper
99 100
42 17.4 14.7 22.1
71 44.6 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019687.D
Acq: 13 Feb 2024 20:32

Tgt Ion: 136 Resp: 283794
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.4 5.3 7.9
68 4.8 4.1 6.1

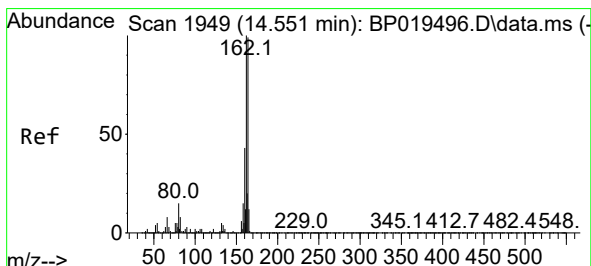
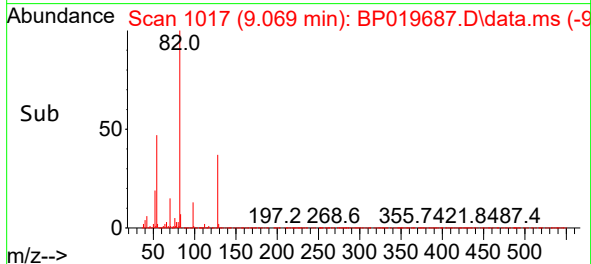
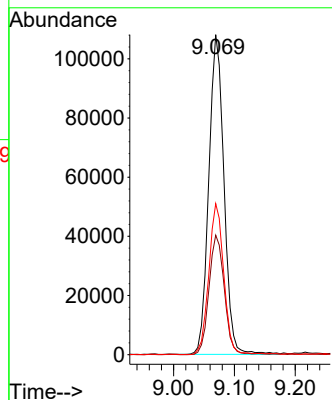
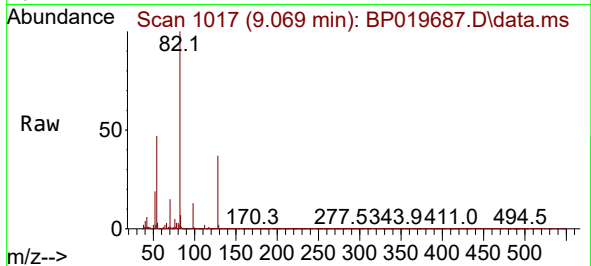




#23
Nitrobenzene-d5
Concen: 28.653 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019687.D
Acq: 13 Feb 2024 20:32

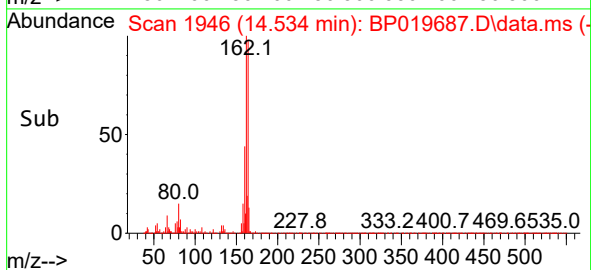
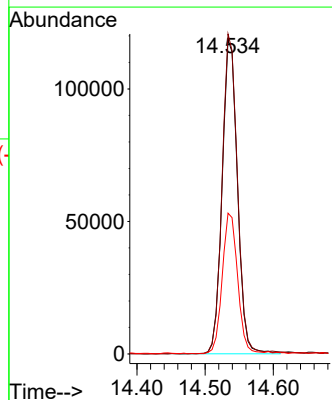
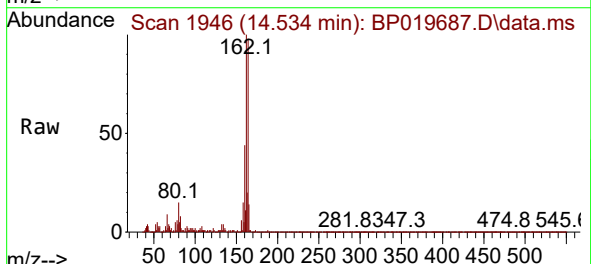
Instrument :
BNA_P
ClientSampleId :
TP-3

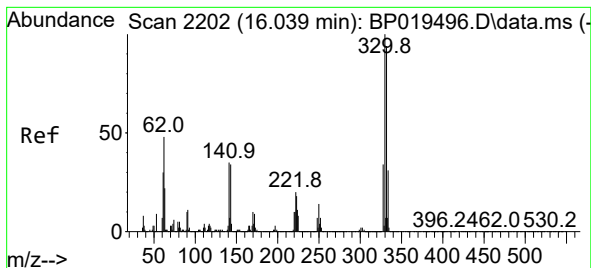
Tgt Ion: 82 Resp: 187662
Ion Ratio Lower Upper
82 100
128 37.4 29.7 44.5
54 47.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019687.D
Acq: 13 Feb 2024 20:32

Tgt Ion: 164 Resp: 185446
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 56.469 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019687.D

Acq: 13 Feb 2024 20:32

Instrument :

BNA_P

ClientSampleId :

TP-3

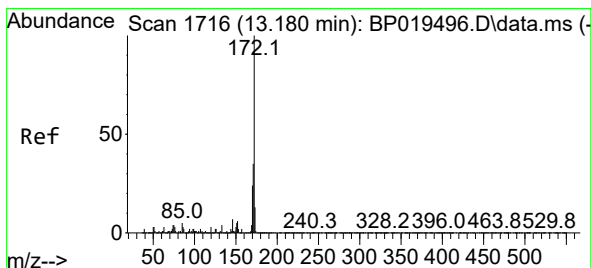
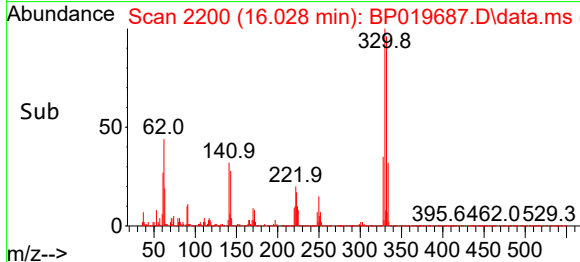
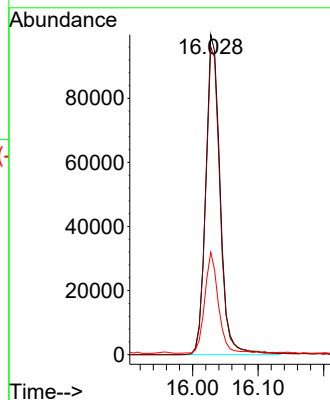
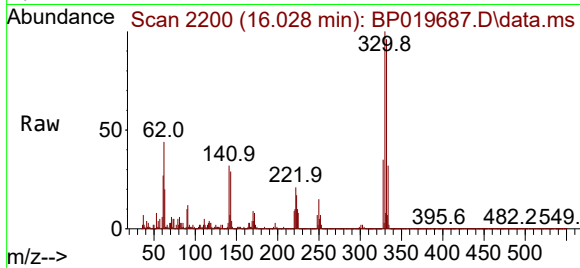
Tgt Ion:330 Resp: 152899

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 29.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 30.177 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019687.D

Acq: 13 Feb 2024 20:32

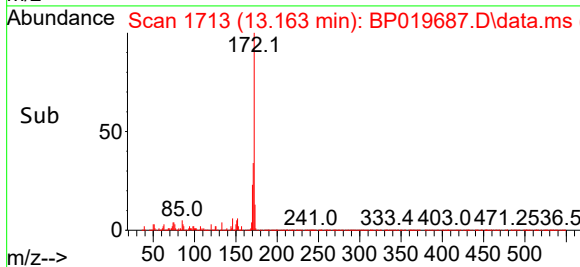
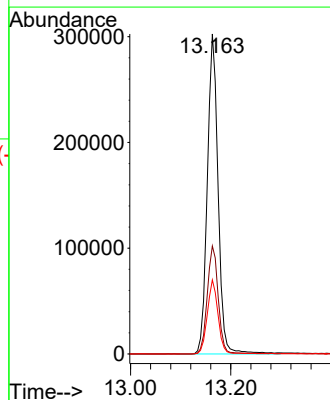
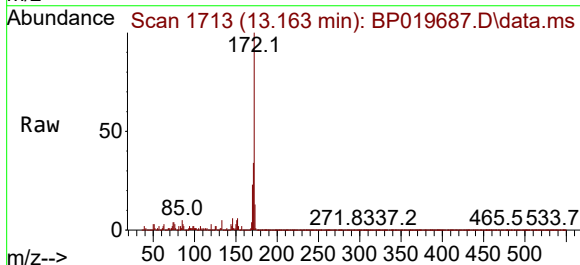
Tgt Ion:172 Resp: 452685

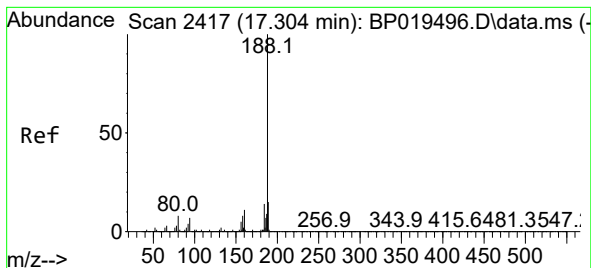
Ion Ratio Lower Upper

172 100

171 33.8 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: BP019687.D

Acq: 13 Feb 2024 20:32

Instrument :

BNA_P

ClientSampleId :

TP-3

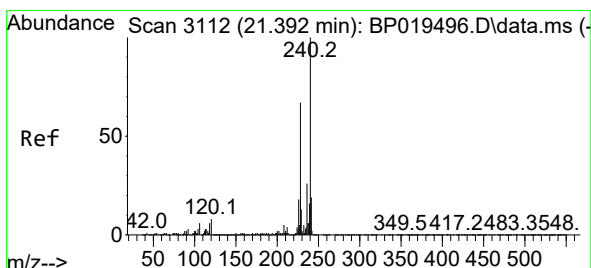
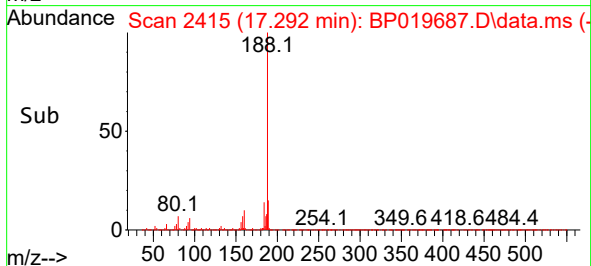
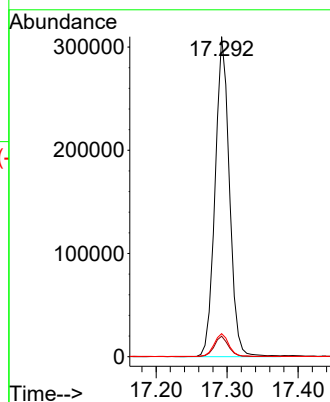
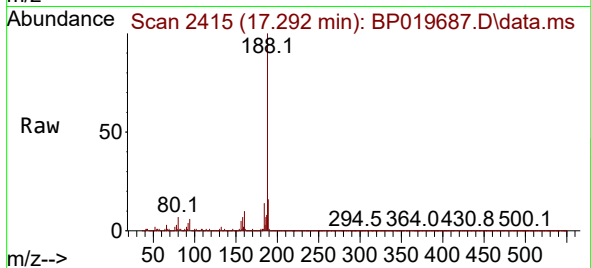
Tgt Ion:188 Resp: 433414

Ion Ratio Lower Upper

188 100

94 6.4 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: BP019687.D

Acq: 13 Feb 2024 20:32

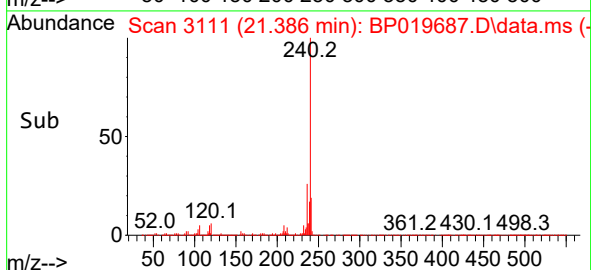
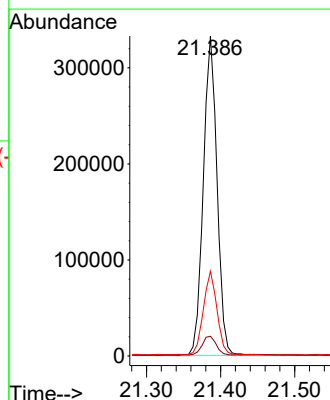
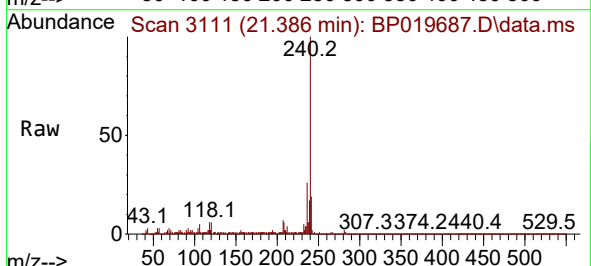
Tgt Ion:240 Resp: 427241

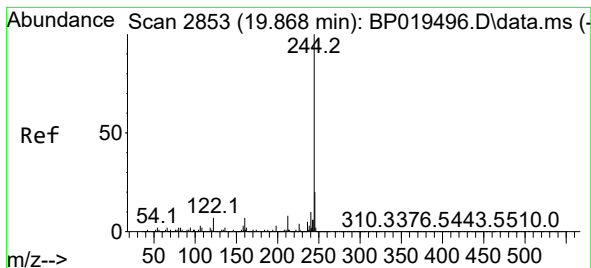
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 26.5 20.7 31.1





#79

Terphenyl-d14

Concen: 32.256 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019687.D

Acq: 13 Feb 2024 20:32

Instrument :

BNA_P

ClientSampleId :

TP-3

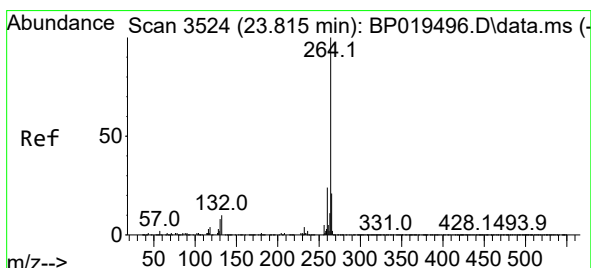
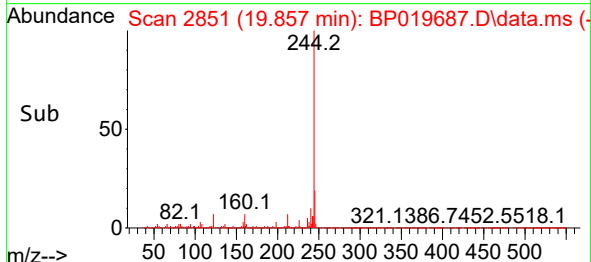
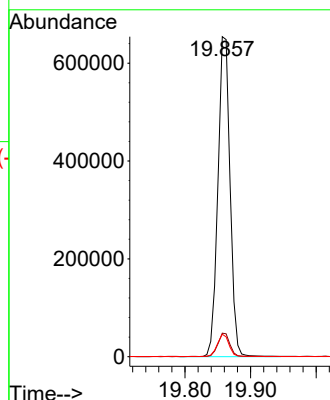
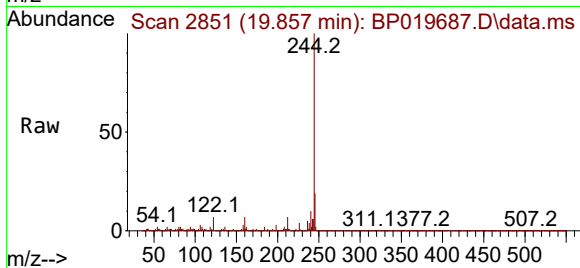
Tgt Ion:244 Resp: 837988

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: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019687.D

Acq: 13 Feb 2024 20:32

Tgt Ion:264 Resp: 497319

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.3 17.0 25.4

