

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019627.D
 Acq On : 09 Feb 2024 12:14
 Operator : MA/JU
 Sample : P1371-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T180-AOP

Quant Time: Feb 09 12:43:39 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	7.910	152	82386	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	304873	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	188683	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	396414	20.000	ng	0.00
76) Chrysene-d12	21.392	240	345773	20.000	ng	0.00
86) Perylene-d12	23.815	264	429780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	286741	56.102	ng	0.00
7) Phenol-d6	7.081	99	217727	31.593	ng	0.00
23) Nitrobenzene-d5	9.081	82	654560	93.032	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	441052	160.097	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1421482	93.134	ng	0.00
79) Terphenyl-d14	19.869	244	1951367	92.810	ng	0.00

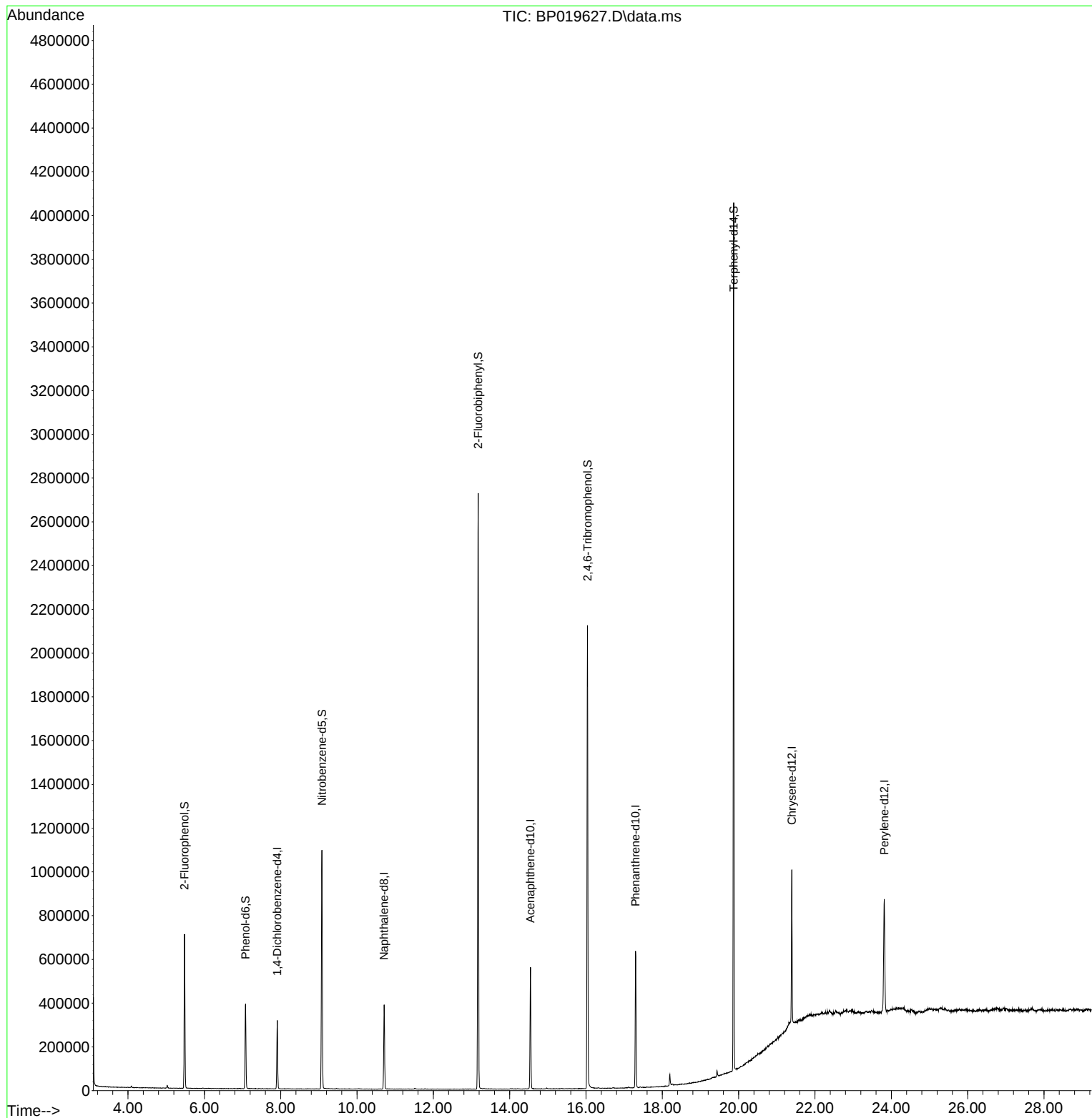
Target Compounds	Qvalue

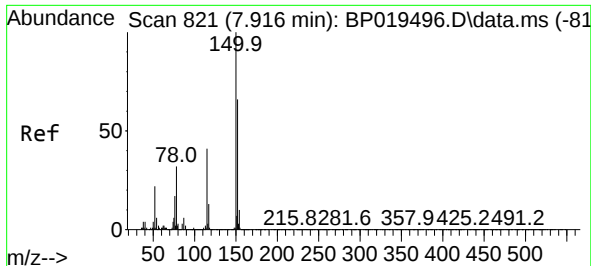
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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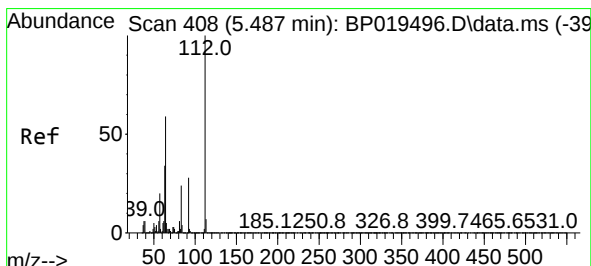
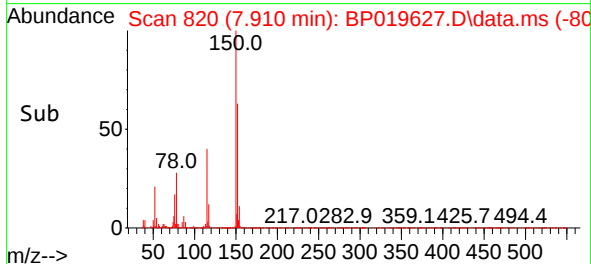
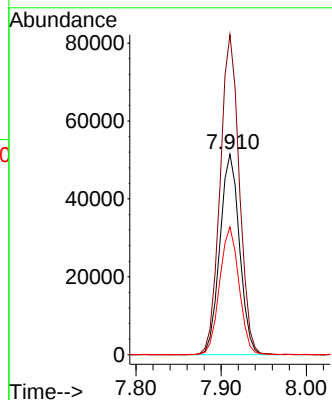
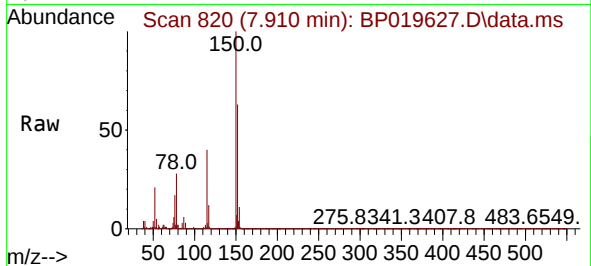




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019627.D
Acq: 09 Feb 2024 12:14

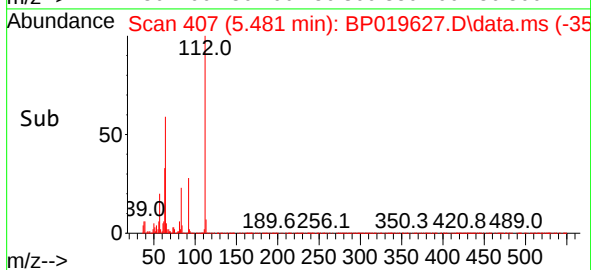
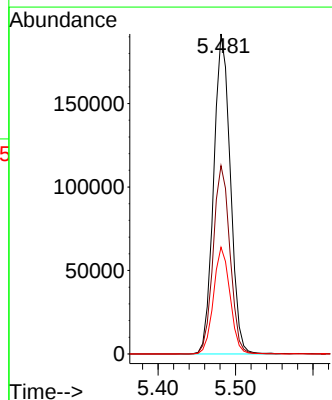
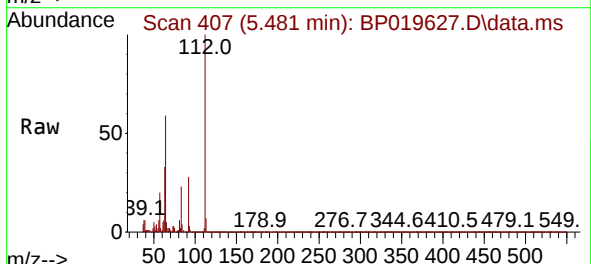
Instrument :
BNA_P
ClientSampleId :
T180-AOP

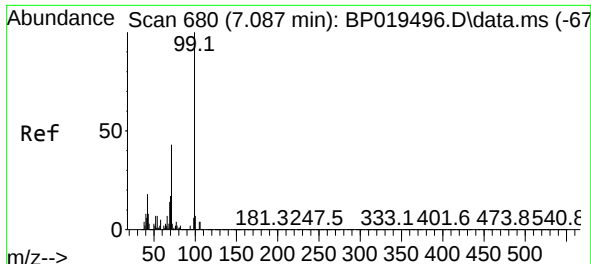
Tgt Ion:152 Resp: 82386
Ion Ratio Lower Upper
152 100
150 159.6 121.8 182.8
115 63.8 49.9 74.9



#5
2-Fluorophenol
Concen: 56.102 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019627.D
Acq: 09 Feb 2024 12:14

Tgt Ion:112 Resp: 286741
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.0
63 33.3 27.0 40.6

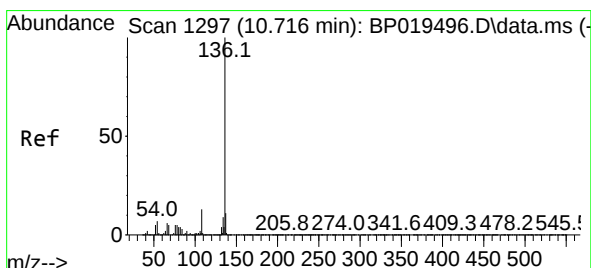
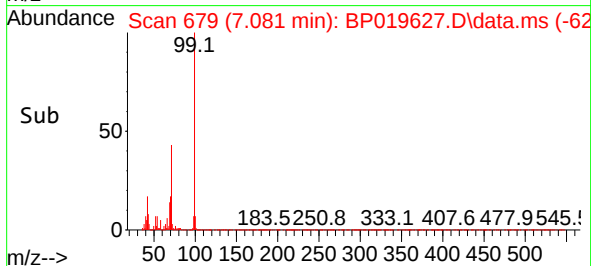
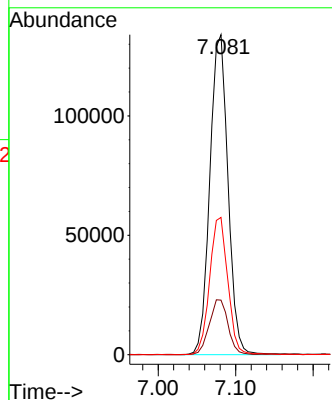
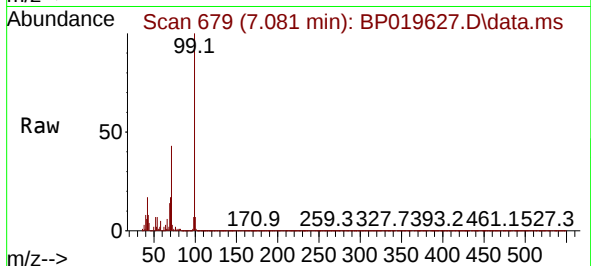




#7
Phenol-d6
Concen: 31.593 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019627.D
Acq: 09 Feb 2024 12:14

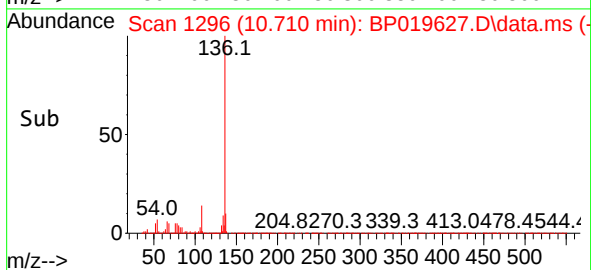
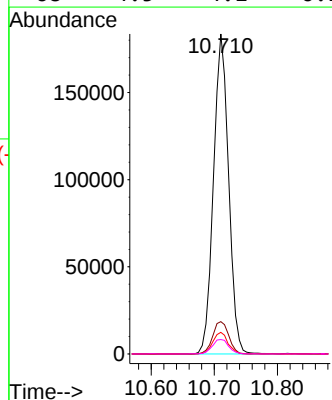
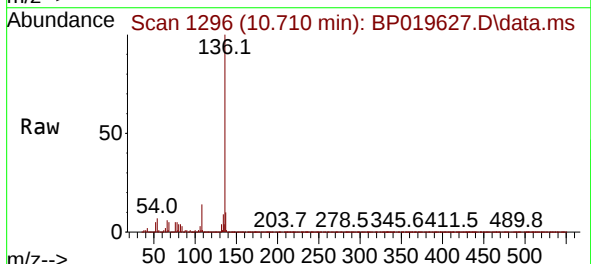
Instrument :
BNA_P
ClientSampleId :
T180-AOP

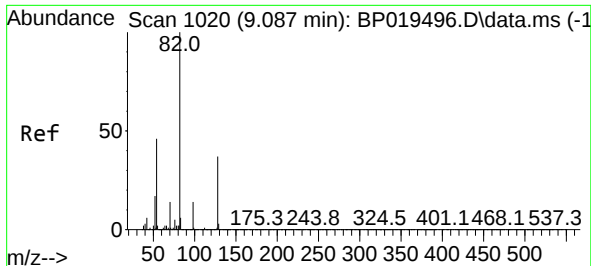
Tgt Ion: 99 Resp: 217727
Ion Ratio Lower Upper
99 100
42 17.1 14.7 22.1
71 42.9 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019627.D
Acq: 09 Feb 2024 12:14

Tgt Ion: 136 Resp: 304873
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 6.8 5.3 7.9
68 4.5 4.1 6.1

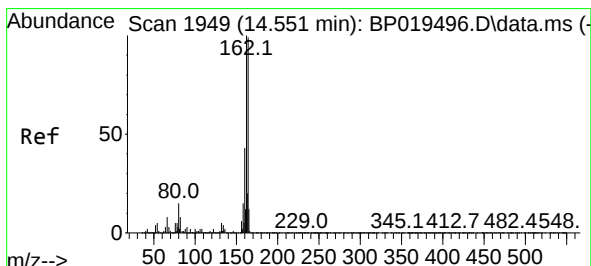
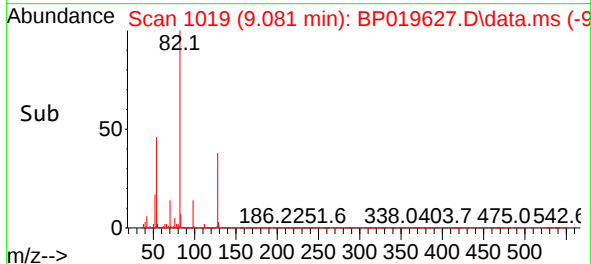
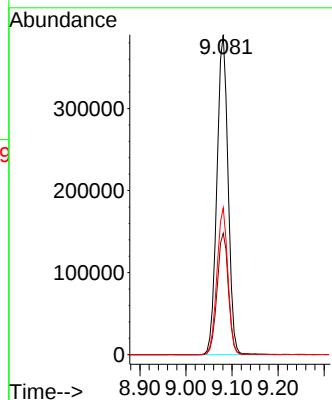
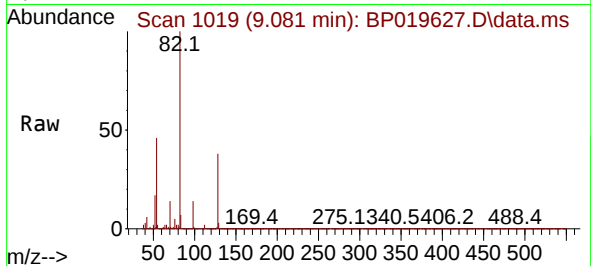




#23
Nitrobenzene-d5
Concen: 93.032 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP019627.D
Acq: 09 Feb 2024 12:14

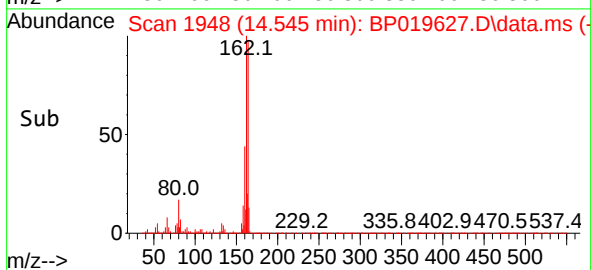
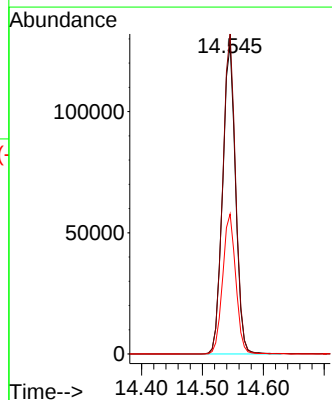
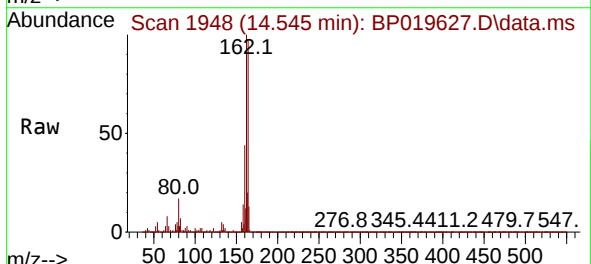
Instrument :
BNA_P
ClientSampleId :
T180-AOP

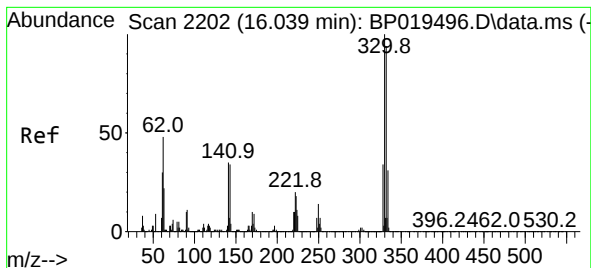
Tgt Ion: 82 Resp: 654560
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 45.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019627.D
Acq: 09 Feb 2024 12:14

Tgt Ion: 164 Resp: 188683
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 160.097 ng

RT: 16.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019627.D

Acq: 09 Feb 2024 12:14

Instrument :

BNA_P

ClientSampleId :

T180-AOP

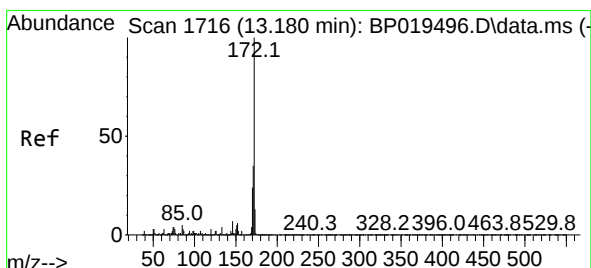
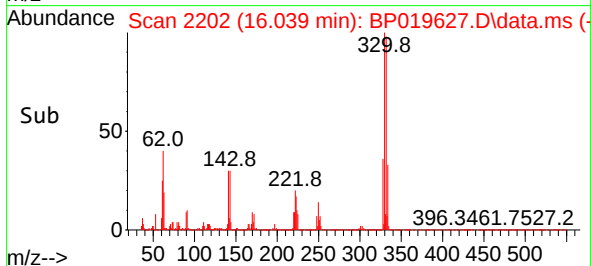
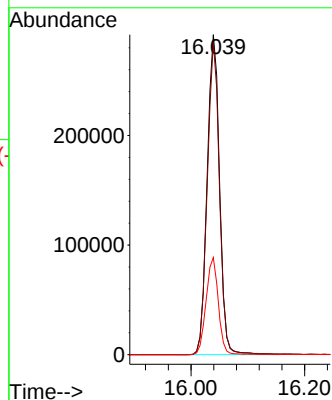
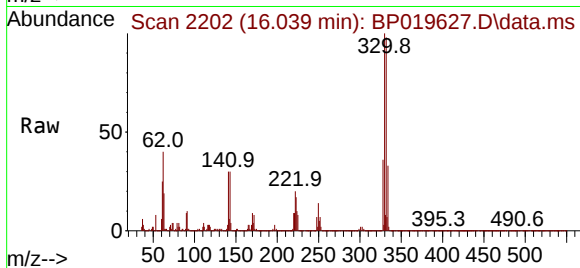
Tgt Ion:330 Resp: 441052

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

141 30.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 93.134 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019627.D

Acq: 09 Feb 2024 12:14

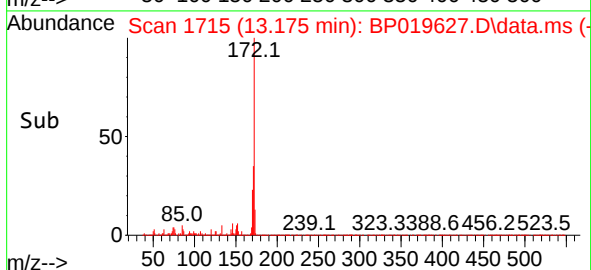
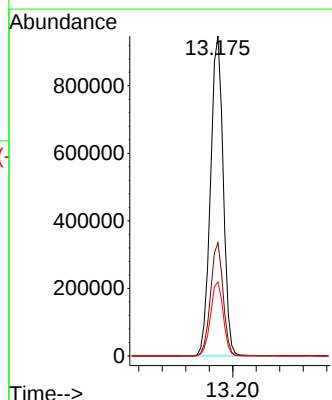
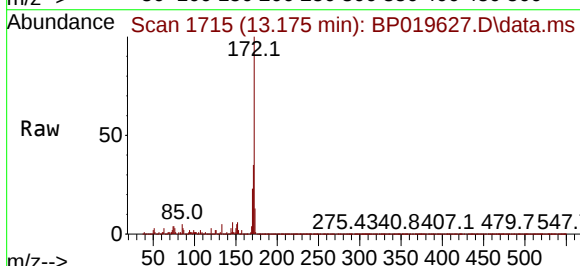
Tgt Ion:172 Resp: 1421482

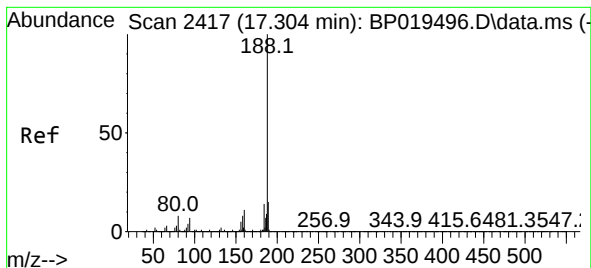
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.1 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: BP019627.D

Acq: 09 Feb 2024 12:14

Instrument :

BNA_P

ClientSampleId :

T180-AOP

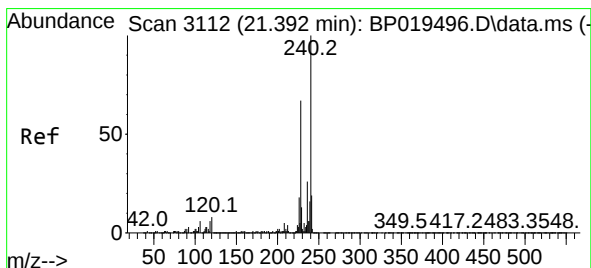
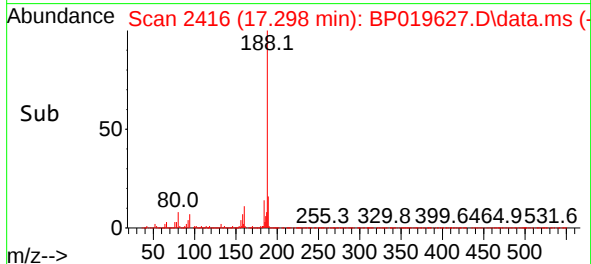
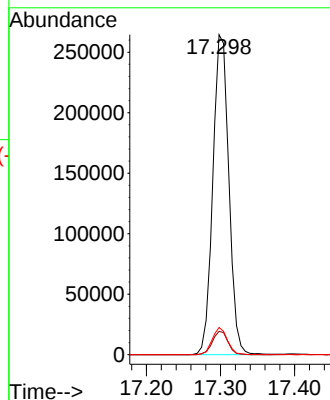
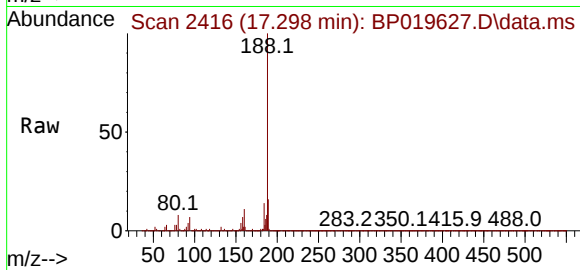
Tgt Ion:188 Resp: 396414

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.5 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: BP019627.D

Acq: 09 Feb 2024 12:14

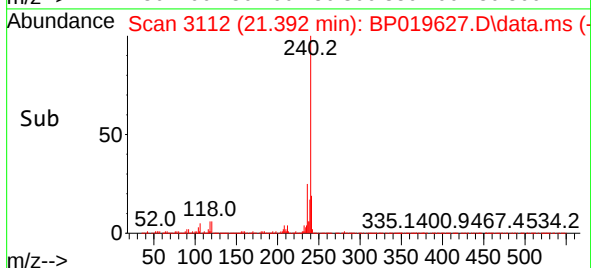
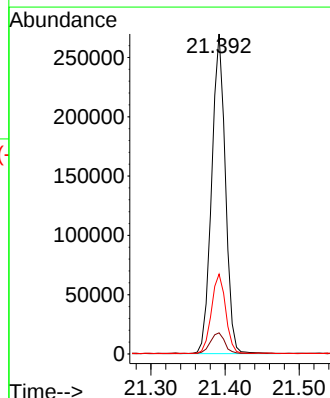
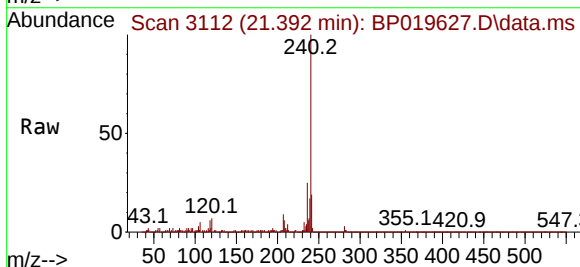
Tgt Ion:240 Resp: 345773

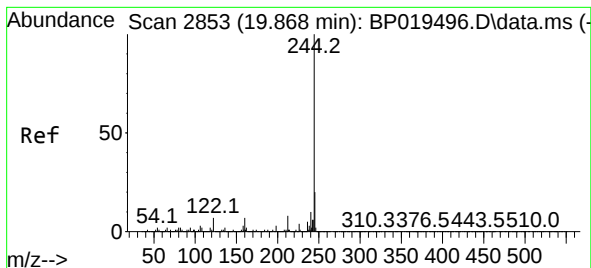
Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 92.810 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019627.D

Acq: 09 Feb 2024 12:14

Instrument :

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T180-AOP

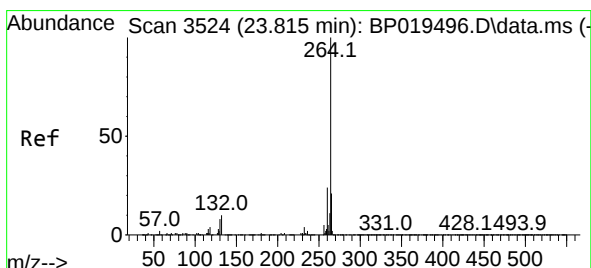
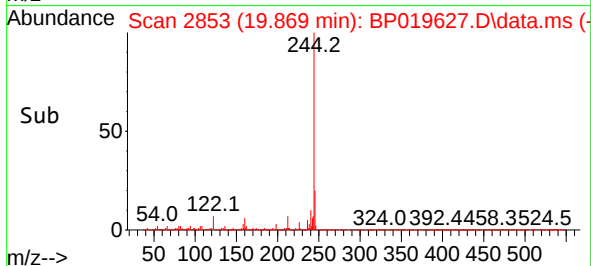
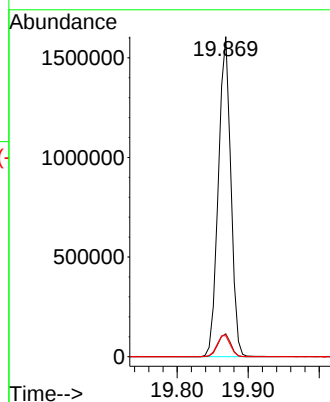
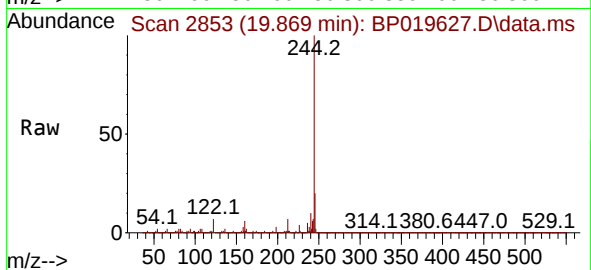
Tgt Ion:244 Resp: 1951367

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: 23.815 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019627.D

Acq: 09 Feb 2024 12:14

Tgt Ion:264 Resp: 429780

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.7 17.0 25.4

