

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019660.D
 Acq On : 12 Feb 2024 13:39
 Operator : MA/JU
 Sample : P1394-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(4-5)

Quant Time: Feb 12 14:19:05 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	75065	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	269825	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	177646	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	430096	20.000	ng	0.00
76) Chrysene-d12	21.386	240	469768	20.000	ng	0.00
86) Perylene-d12	23.804	264	531409	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	416318	89.399	ng	0.00
7) Phenol-d6	7.075	99	544543	86.722	ng	-0.01
23) Nitrobenzene-d5	9.075	82	365765	58.739	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	301061	116.071	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	809665	56.344	ng	-0.01
79) Terphenyl-d14	19.863	244	1672606	58.554	ng	0.00

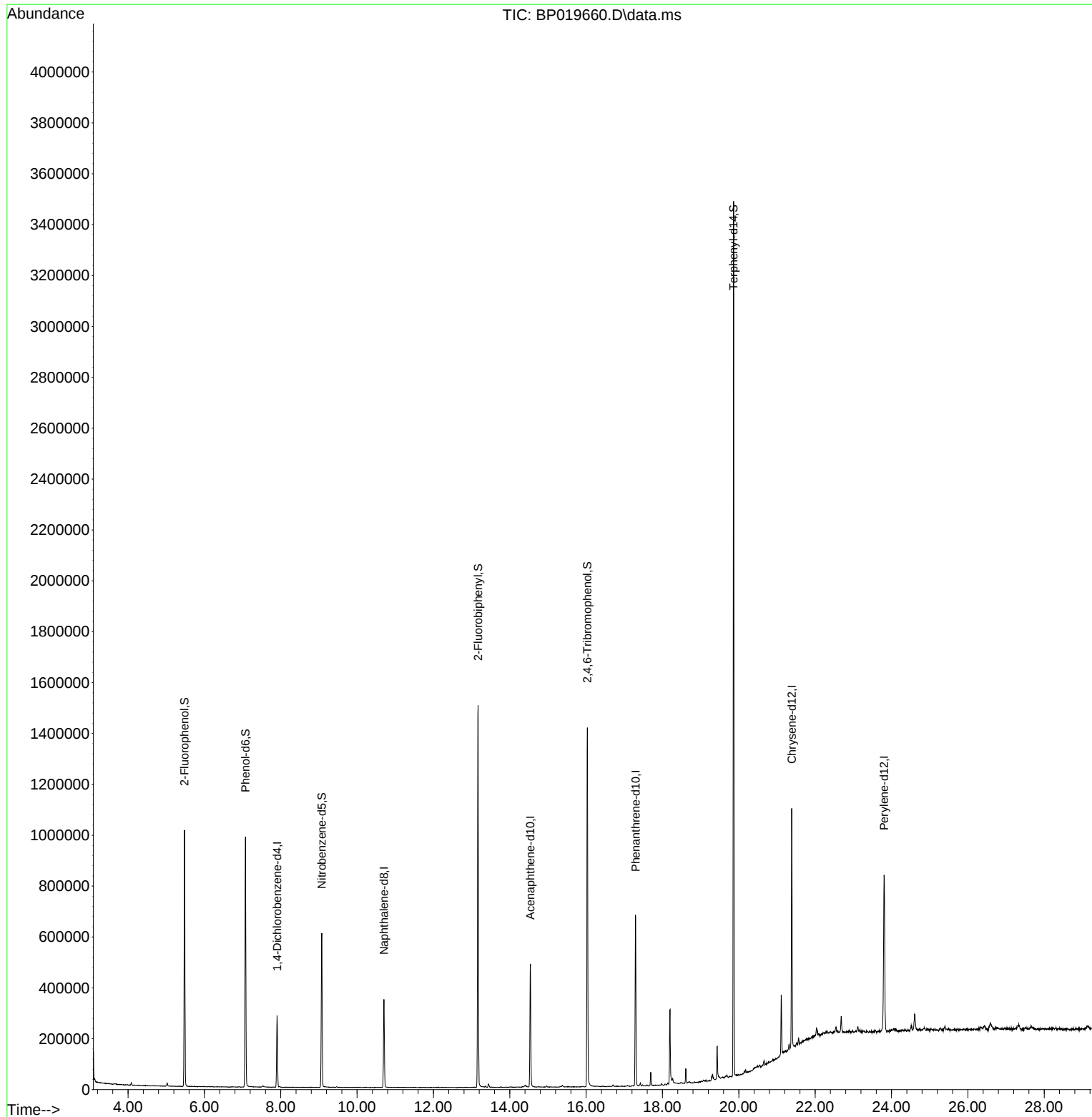
Target Compounds	Qvalue

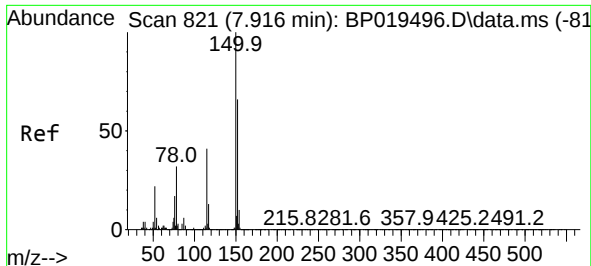
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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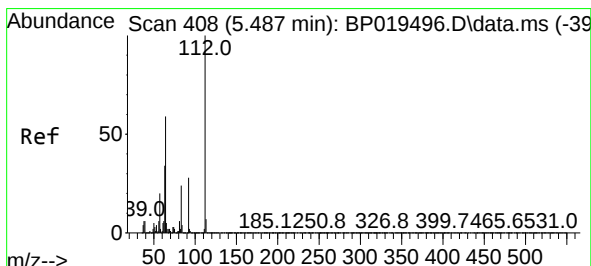
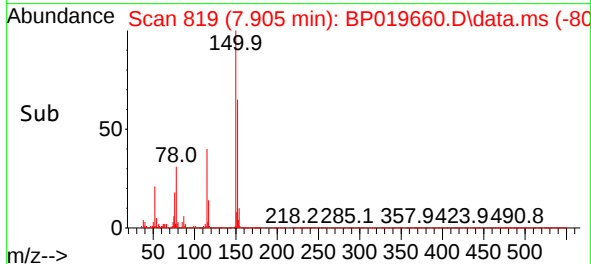
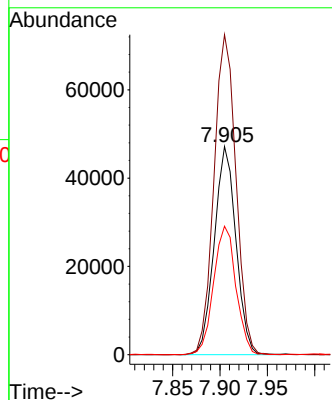
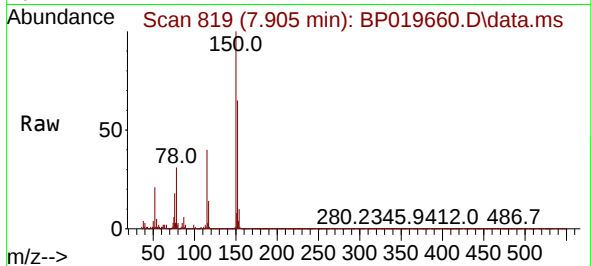




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019660.D
Acq: 12 Feb 2024 13:39

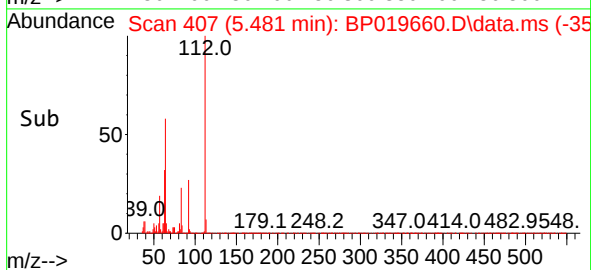
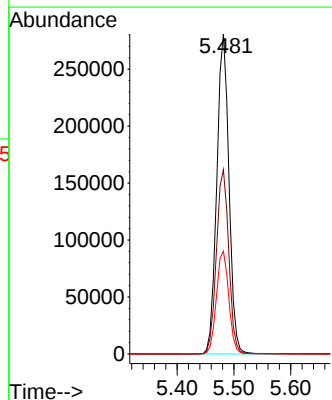
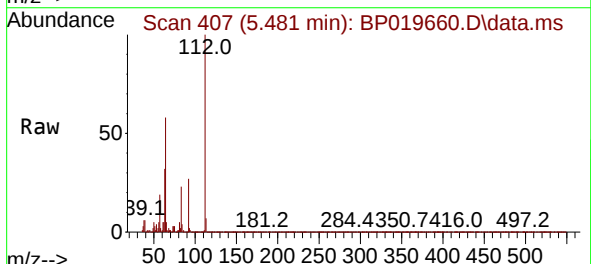
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)

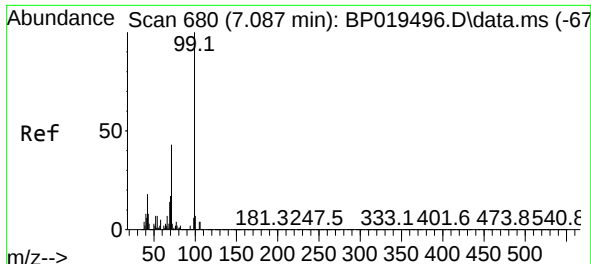
Tgt Ion:152 Resp: 75065
Ion Ratio Lower Upper
152 100
150 153.7 121.8 182.8
115 61.7 49.9 74.9



#5
2-Fluorophenol
Concen: 89.399 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.005 min
Lab File: BP019660.D
Acq: 12 Feb 2024 13:39

Tgt Ion:112 Resp: 416318
Ion Ratio Lower Upper
112 100
64 57.6 47.4 71.0
63 32.2 27.0 40.6

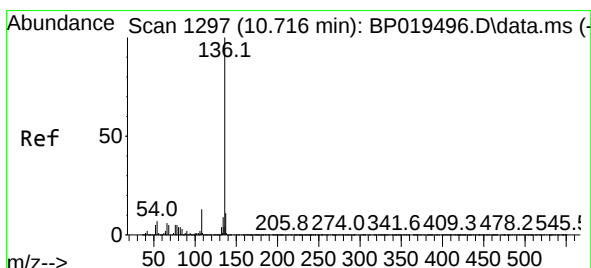
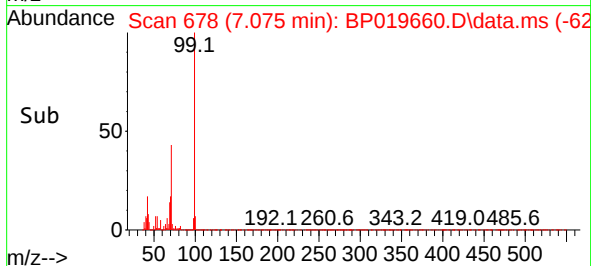
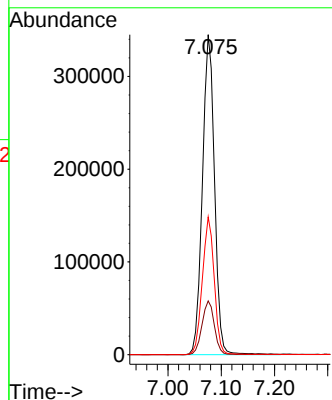
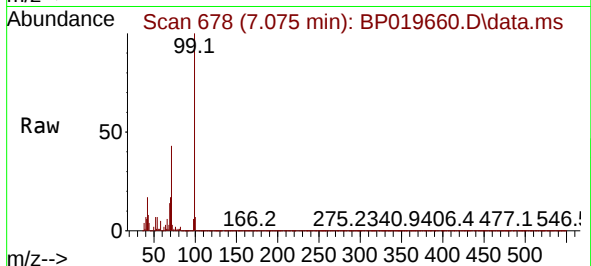




#7
Phenol-d6
Concen: 86.722 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019660.D
Acq: 12 Feb 2024 13:39

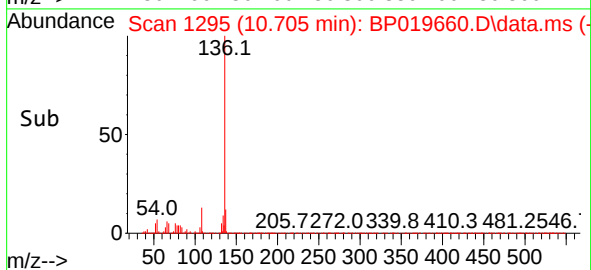
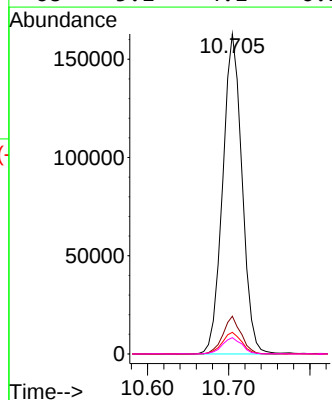
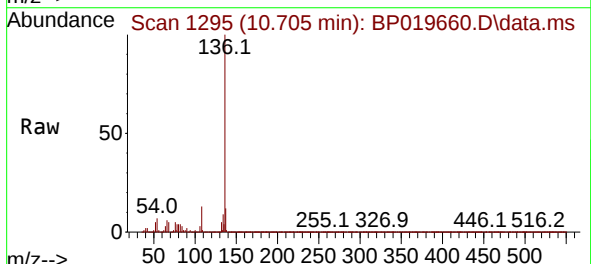
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)

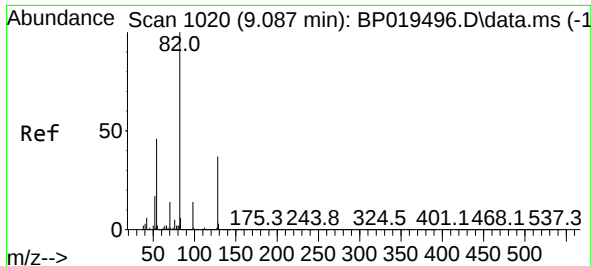
Tgt Ion: 99 Resp: 544543
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 43.1 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019660.D
Acq: 12 Feb 2024 13:39

Tgt Ion: 136 Resp: 269825
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 6.8 5.3 7.9
68 5.1 4.1 6.1

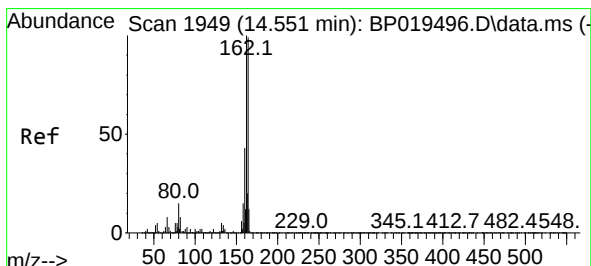
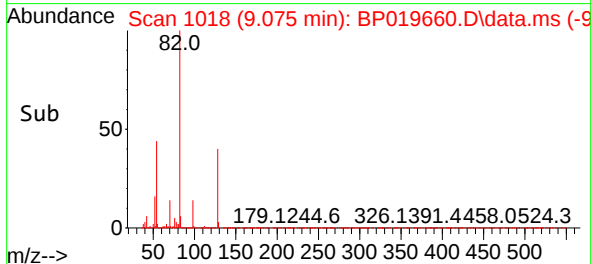
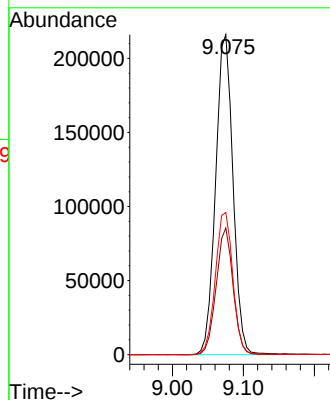
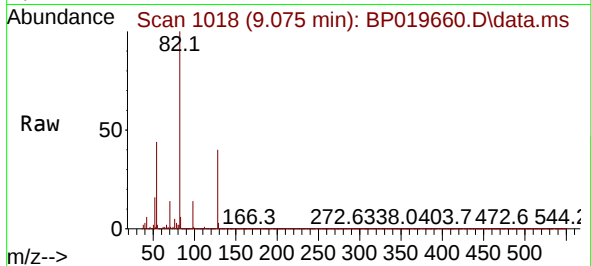




#23
Nitrobenzene-d5
Concen: 58.739 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019660.D
Acq: 12 Feb 2024 13:39

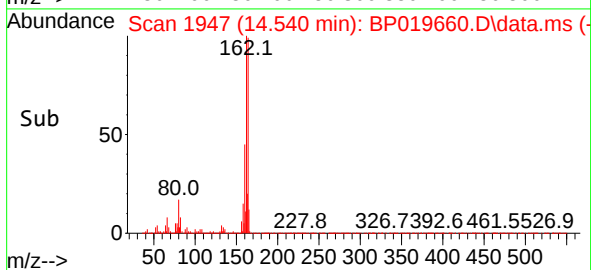
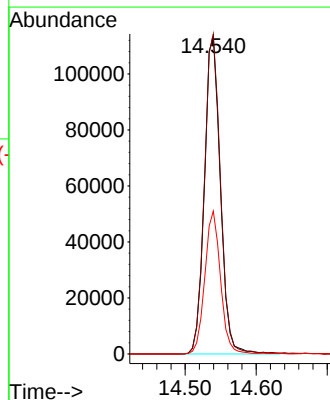
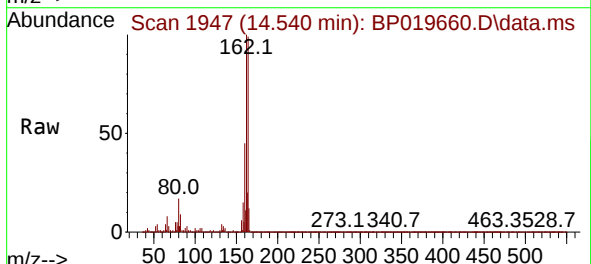
Instrument :
BNA_P
ClientSampleId :
SB-3(4-5)

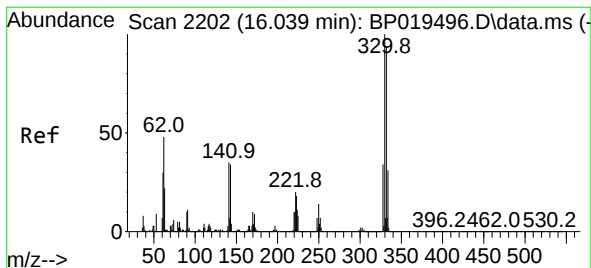
Tgt Ion: 82 Resp: 365765
Ion Ratio Lower Upper
82 100
128 39.6 29.7 44.5
54 44.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019660.D
Acq: 12 Feb 2024 13:39

Tgt Ion: 164 Resp: 177646
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 116.071 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019660.D

Acq: 12 Feb 2024 13:39

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)

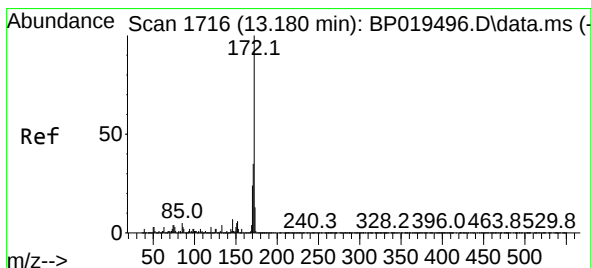
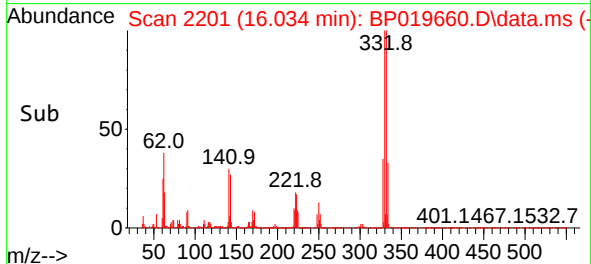
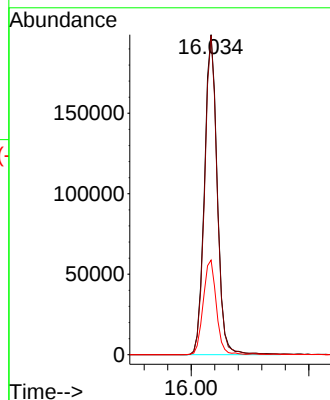
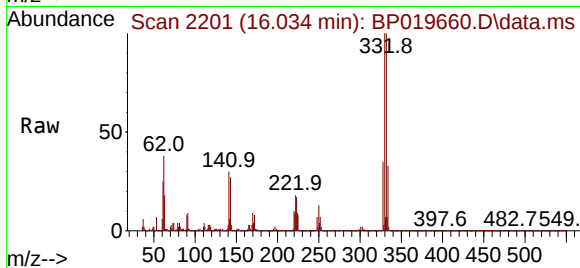
Tgt Ion:330 Resp: 301061

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 56.344 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019660.D

Acq: 12 Feb 2024 13:39

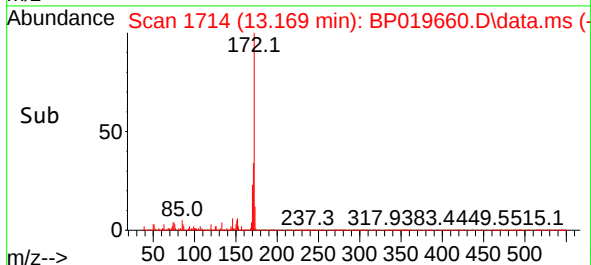
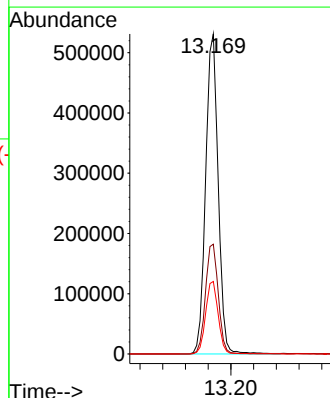
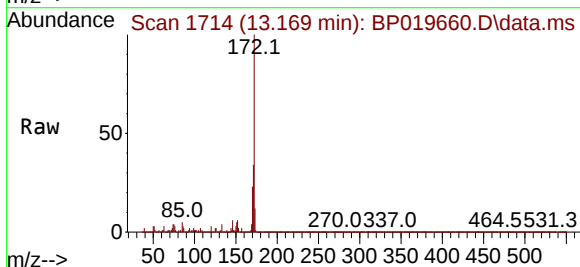
Tgt Ion:172 Resp: 809665

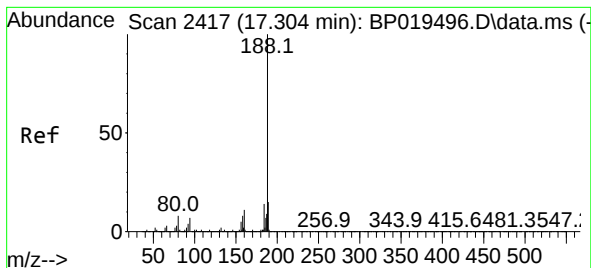
Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.4

170 22.7 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: BP019660.D

Acq: 12 Feb 2024 13:39

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)

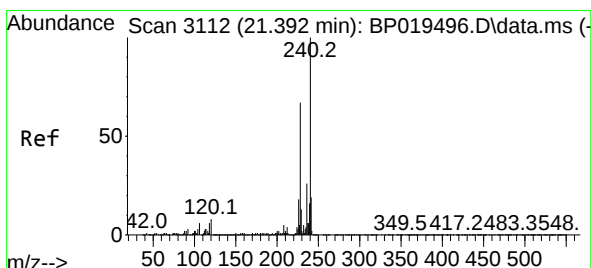
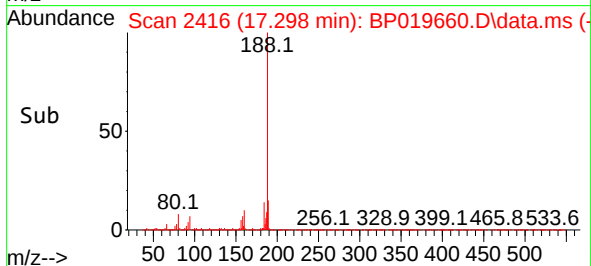
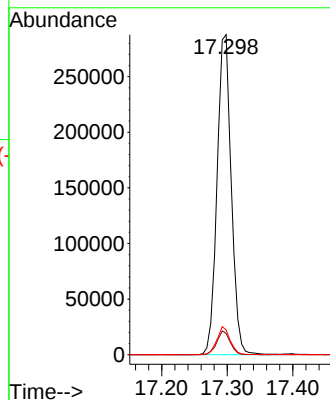
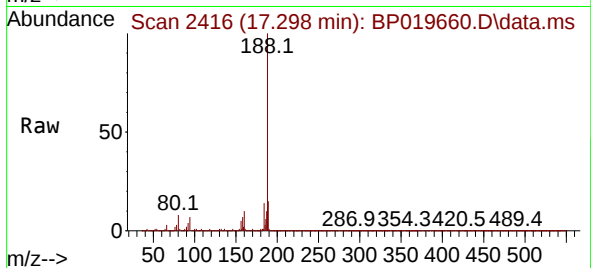
Tgt Ion:188 Resp: 430096

Ion Ratio Lower Upper

188 100

94 6.7 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: BP019660.D

Acq: 12 Feb 2024 13:39

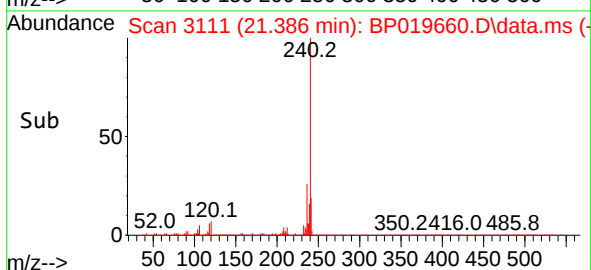
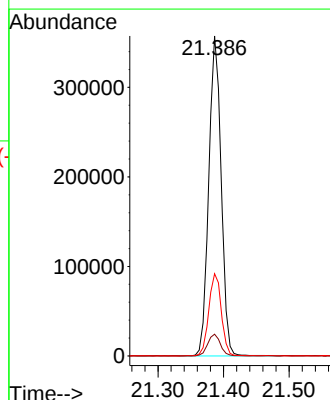
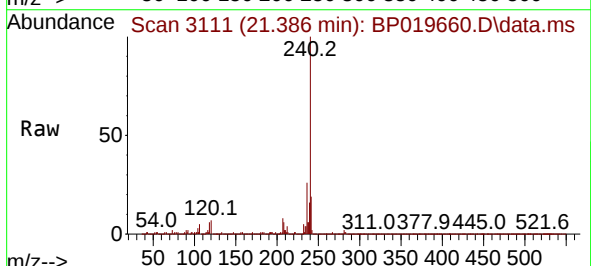
Tgt Ion:240 Resp: 469768

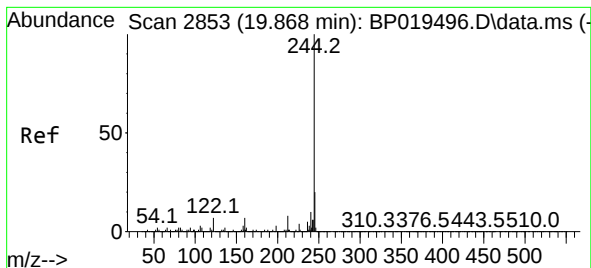
Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 58.554 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019660.D

Acq: 12 Feb 2024 13:39

Instrument :

BNA_P

ClientSampleId :

SB-3(4-5)

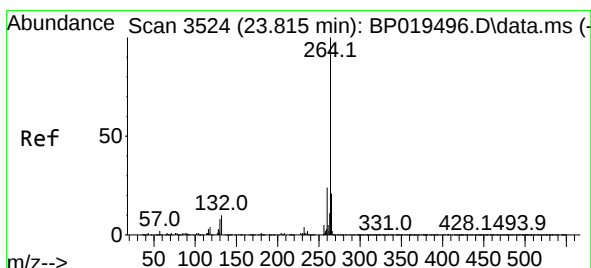
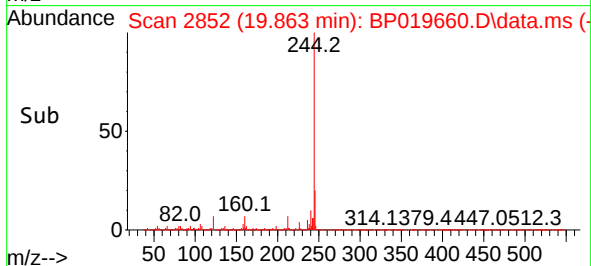
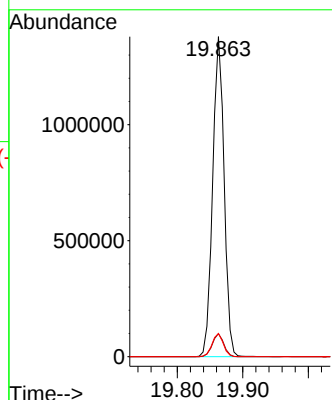
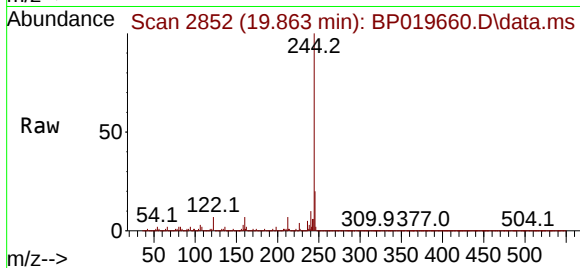
Tgt Ion:244 Resp: 1672606

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 7.3 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019660.D

Acq: 12 Feb 2024 13:39

Tgt Ion:264 Resp: 531409

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.9 17.0 25.4

