

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021570.D
 Acq On : 20 Aug 2024 12:59
 Operator : RC/JU
 Sample : P3650-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RW7-SP100-20240814

Quant Time: Aug 20 13:40:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

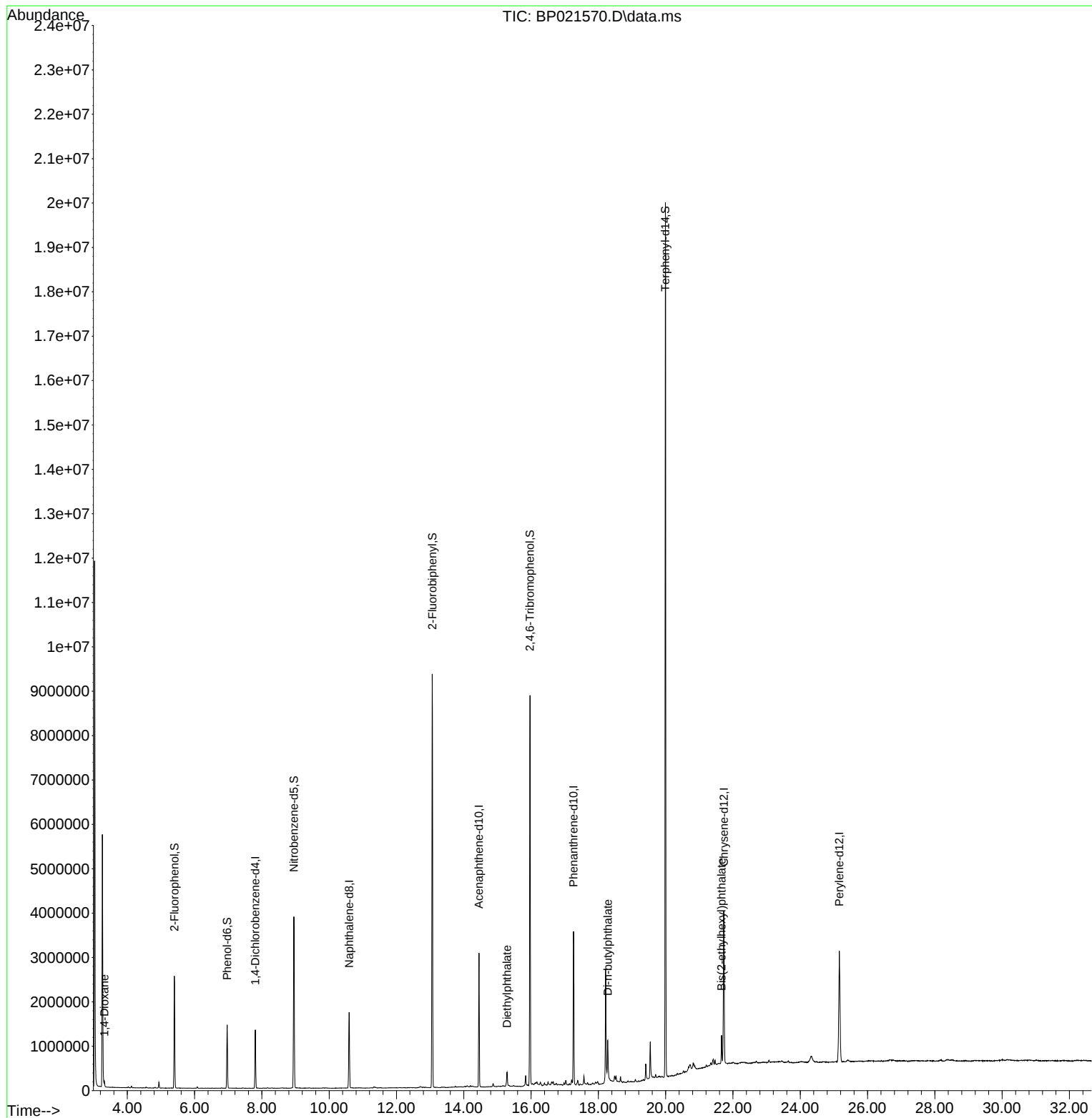
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	340744	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1371434	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	924143	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2078342	20.000	ng	0.01
76) Chrysene-d12	21.727	240	2108915	20.000	ng	0.03
86) Perylene-d12	25.162	264	2476983	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1140424	49.696	ng	0.00
7) Phenol-d6	6.969	99	932273	27.849	ng	0.00
23) Nitrobenzene-d5	8.951	82	2514558	94.637	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1700054	165.289	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4794400	79.176	ng	0.00
79) Terphenyl-d14	19.992	244	9672298	89.101	ng	0.02
Target Compounds						
2) 1,4-Dioxane	3.317	88	56649	5.206	ng	Qvalue # 89
60) Diethylphthalate	15.286	149	261478	4.118	ng	98
74) Di-n-butylphthalate	18.280	149	814578	7.021	ng	100
84) Bis(2-ethylhexyl)phtha...	21.663	149	275511	3.521	ng	99

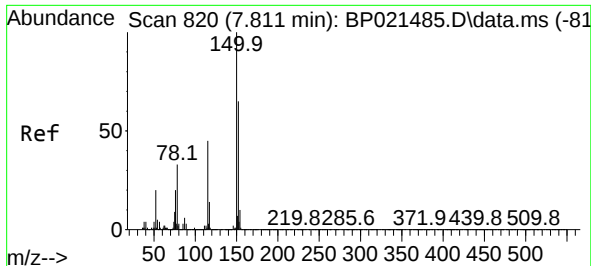
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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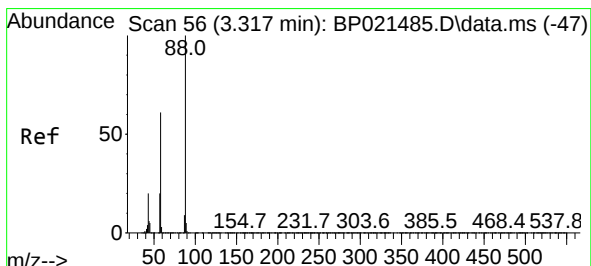
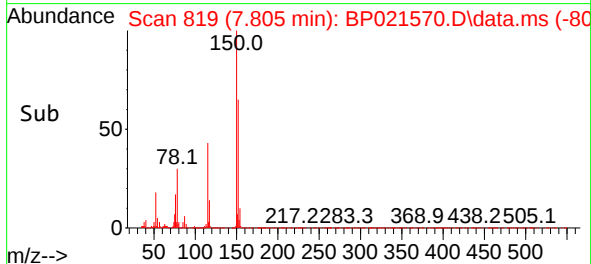
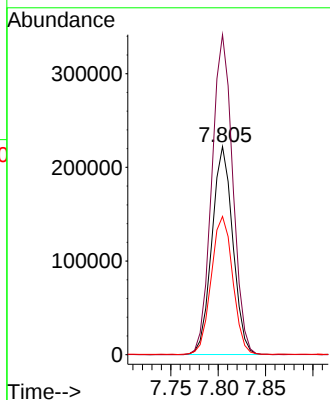
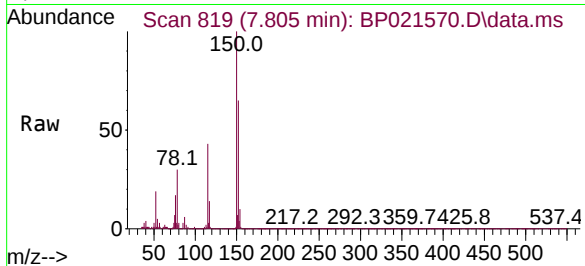




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

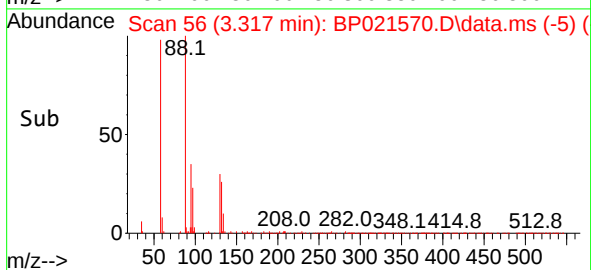
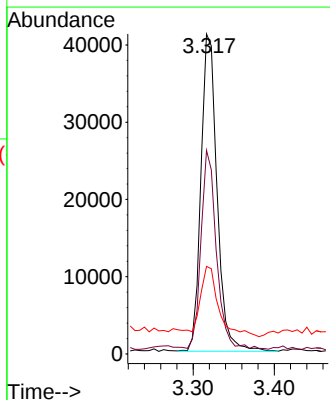
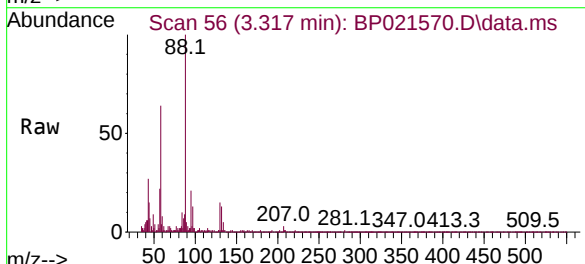
Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

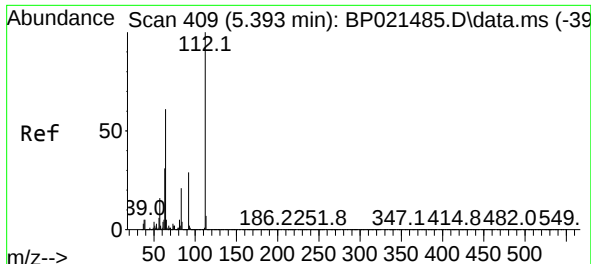
Tgt Ion:152 Resp: 340744
Ion Ratio Lower Upper
152 100
150 153.7 122.4 183.6
115 66.4 54.7 82.1



#2
1,4-Dioxane
Concen: 5.206 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

Tgt Ion: 88 Resp: 56649
Ion Ratio Lower Upper
88 100
58 60.0 48.7 73.1
43 0.0 15.4 23.2#

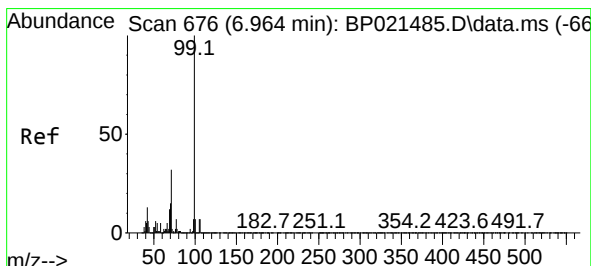
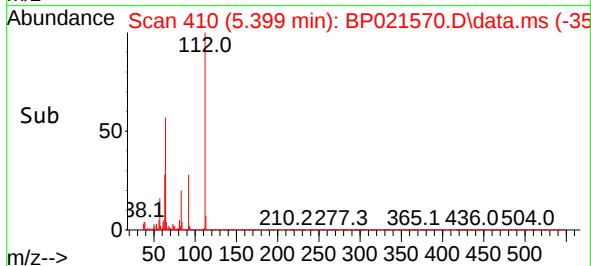
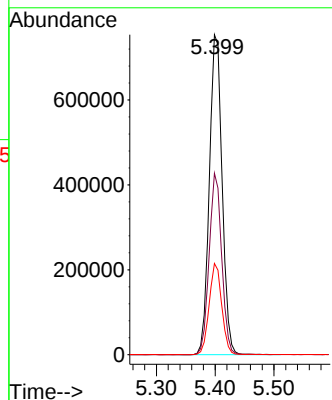
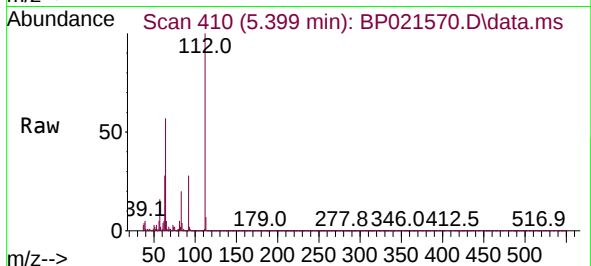




#5
2-Fluorophenol
Concen: 49.696 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

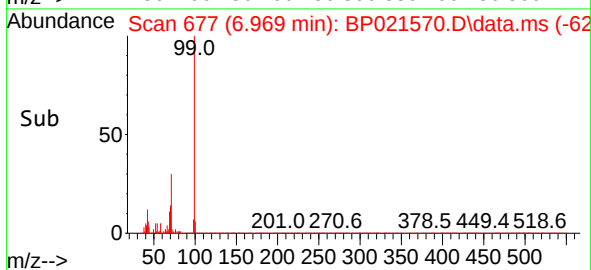
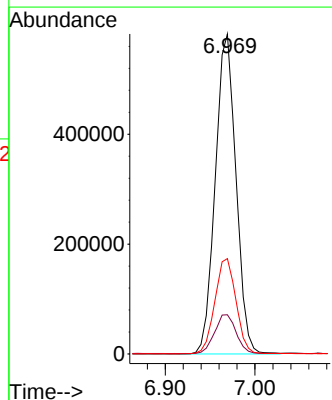
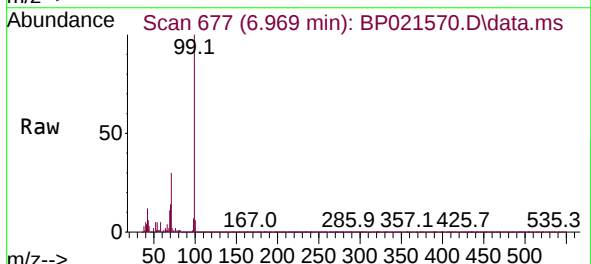
Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

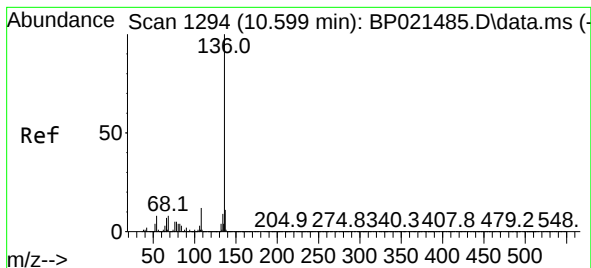
Tgt Ion:112 Resp: 1140424
Ion Ratio Lower Upper
112 100
64 56.7 49.0 73.6
63 28.5 24.6 36.8



#7
Phenol-d6
Concen: 27.849 ng
RT: 6.969 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

Tgt Ion: 99 Resp: 932273
Ion Ratio Lower Upper
99 100
42 12.2 10.2 15.4
71 29.8 25.8 38.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.593 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

Tgt Ion:136 Resp: 1371434

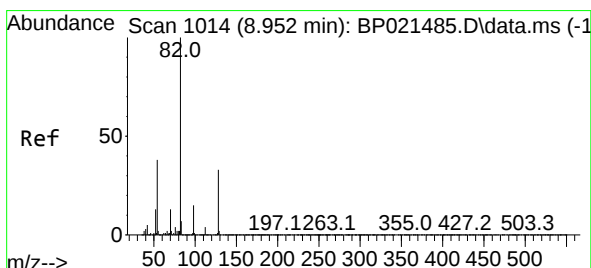
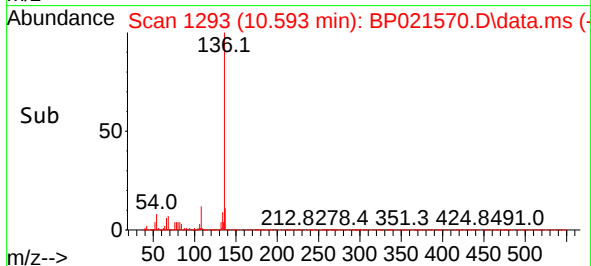
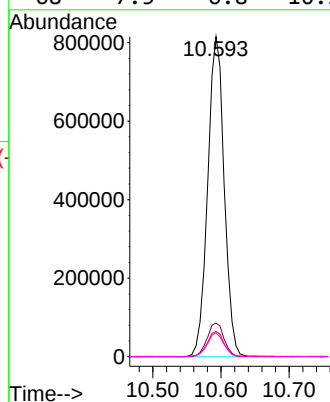
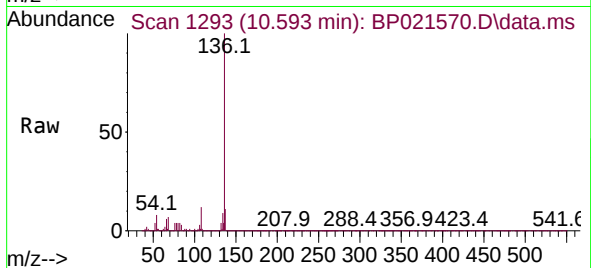
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.9 6.3 9.5

68 7.5 6.8 10.2



#23

Nitrobenzene-d5

Concen: 94.637 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

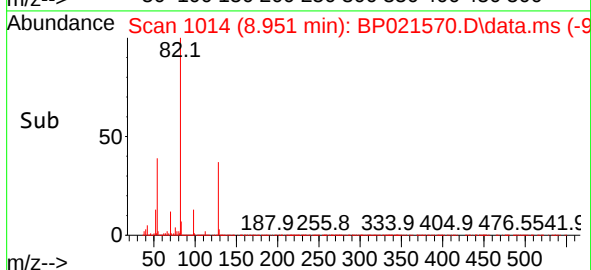
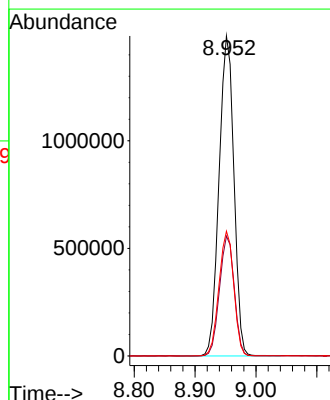
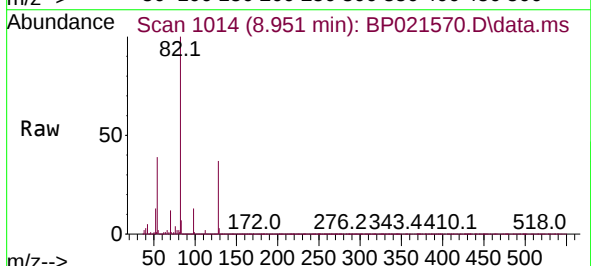
Tgt Ion: 82 Resp: 2514558

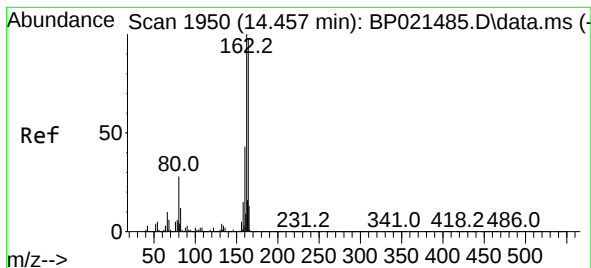
Ion Ratio Lower Upper

82 100

128 37.4 26.5 39.7

54 39.0 30.3 45.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

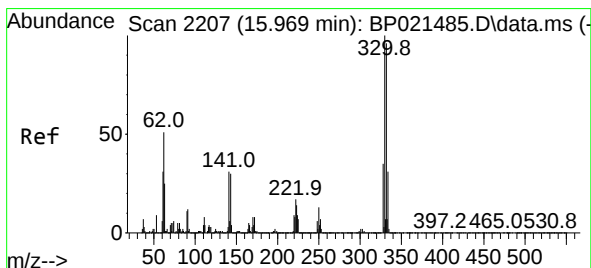
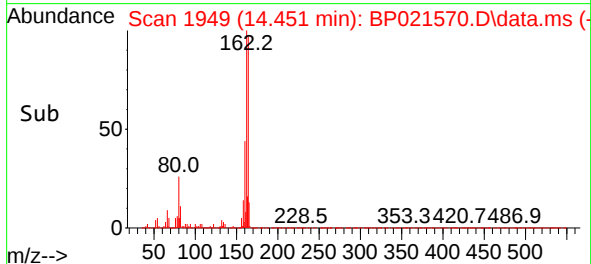
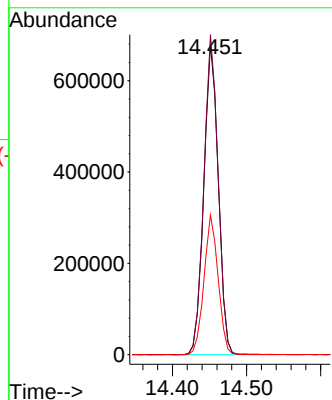
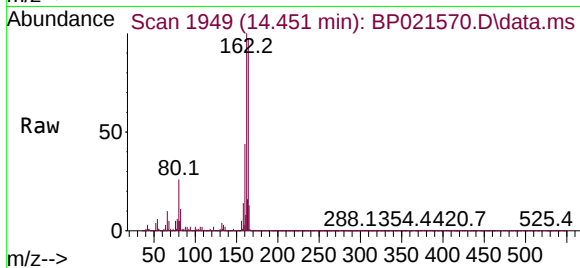
Tgt Ion:164 Resp: 924143

Ion Ratio Lower Upper

164 100

162 103.2 81.5 122.3

160 45.0 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 165.289 ng

RT: 15.969 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

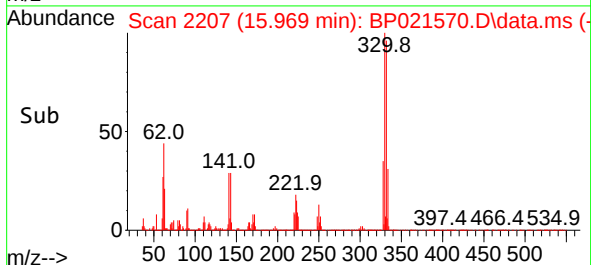
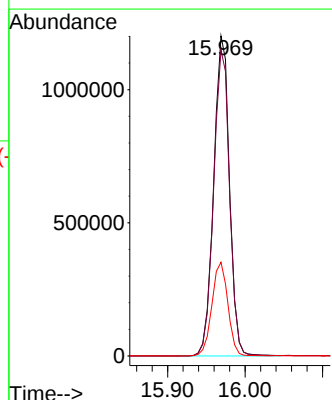
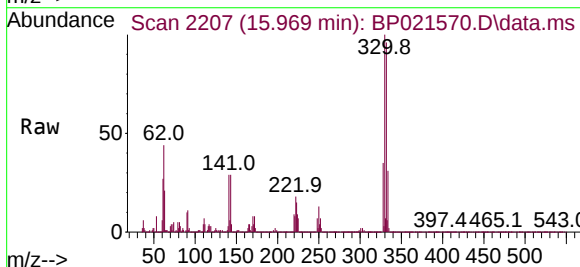
Tgt Ion:330 Resp: 1700054

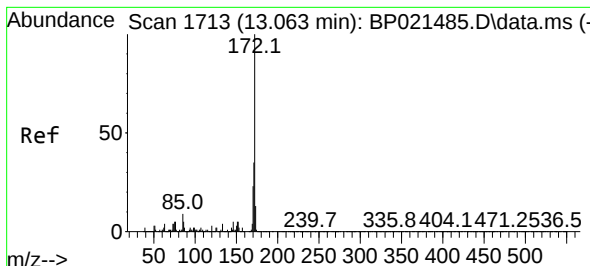
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 29.6 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 79.176 ng

RT: 13.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

BNA_P

ClientSampleId :

RW7-SP100-20240814

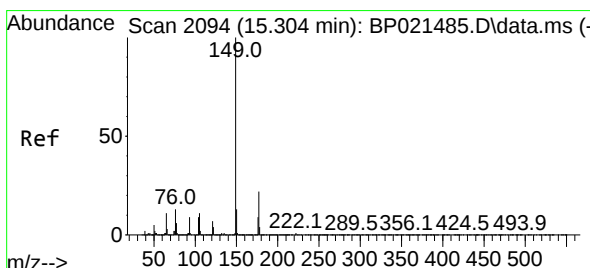
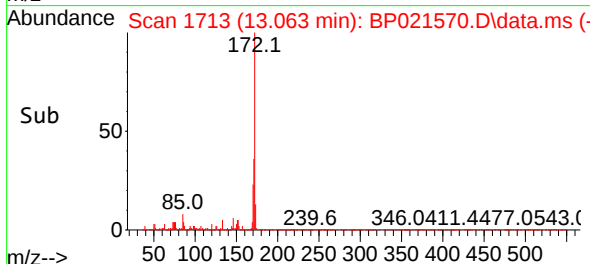
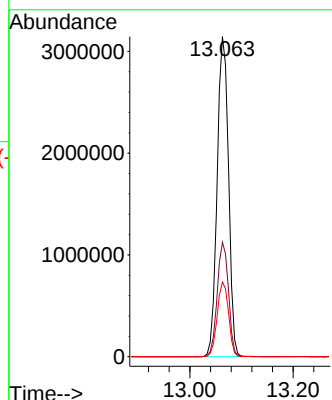
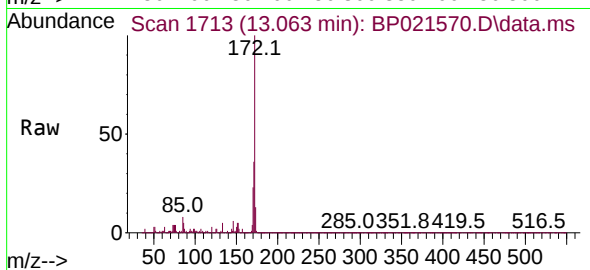
Tgt Ion:172 Resp: 4794400

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.3 18.4 27.6



#60

Diethylphthalate

Concen: 4.118 ng

RT: 15.286 min Scan# 2091

Delta R.T. -0.018 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

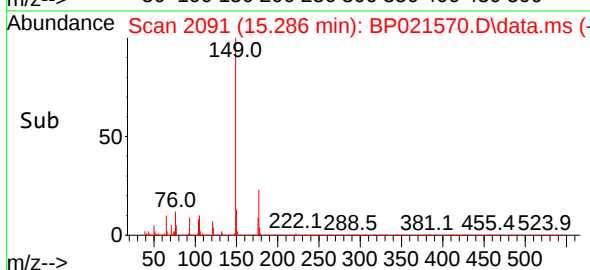
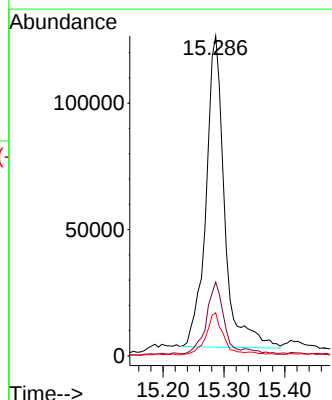
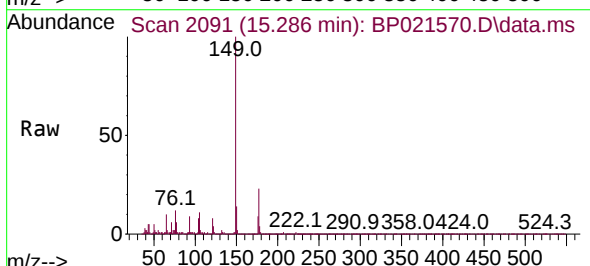
Tgt Ion:149 Resp: 261478

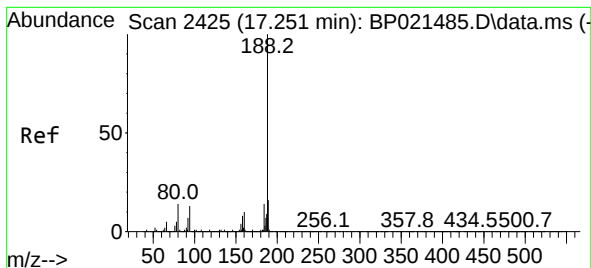
Ion Ratio Lower Upper

149 100

177 23.1 17.8 26.8

150 13.5 10.1 15.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.263 min Scan# 24

Delta R.T. 0.012 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

Instrument :

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RW7-SP100-20240814

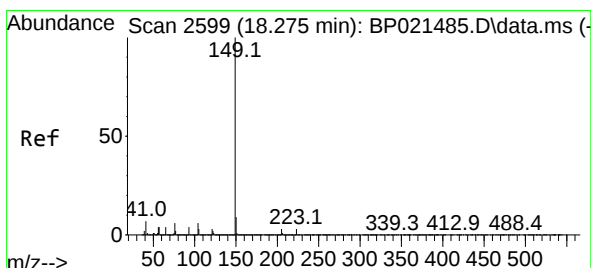
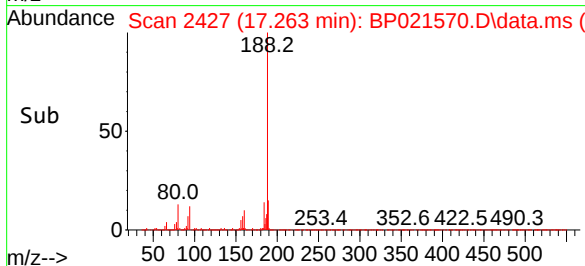
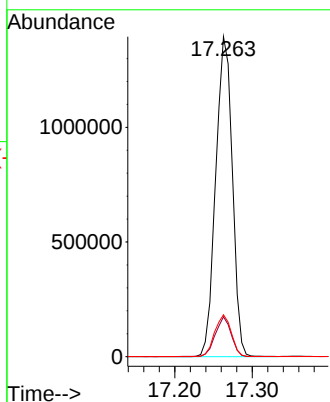
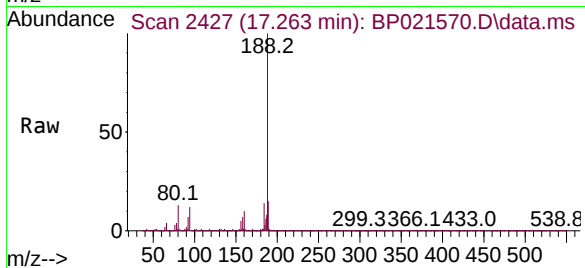
Tgt Ion:188 Resp: 2078342

Ion Ratio Lower Upper

188 100

94 12.5 10.2 15.4

80 13.1 11.6 17.4



#74

Di-n-butylphthalate

Concen: 7.021 ng

RT: 18.280 min Scan# 2600

Delta R.T. 0.006 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

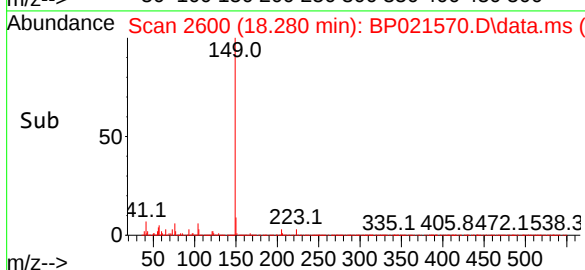
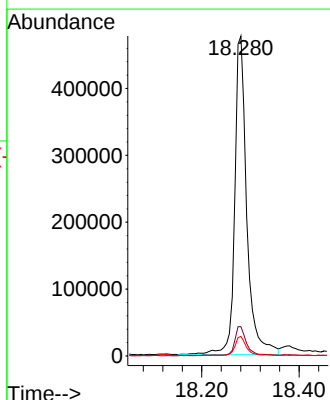
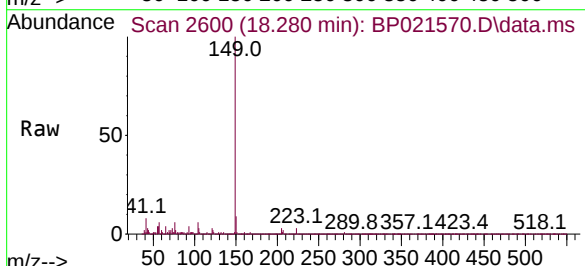
Tgt Ion:149 Resp: 814578

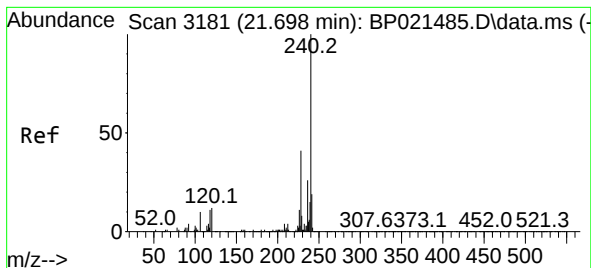
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 6.1 4.9 7.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.727 min Scan# 3181

Delta R.T. 0.029 min

Lab File: BP021570.D

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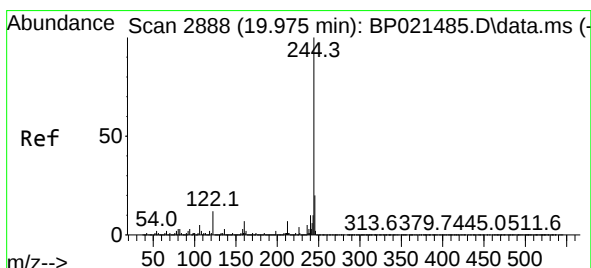
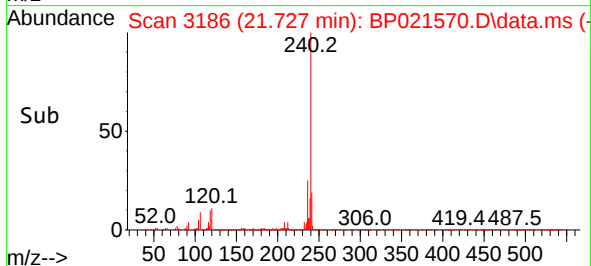
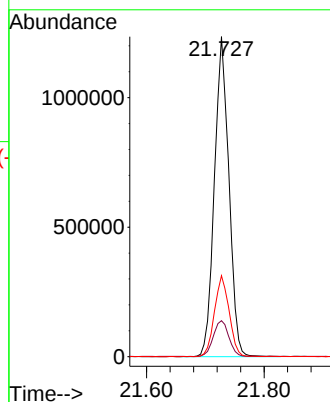
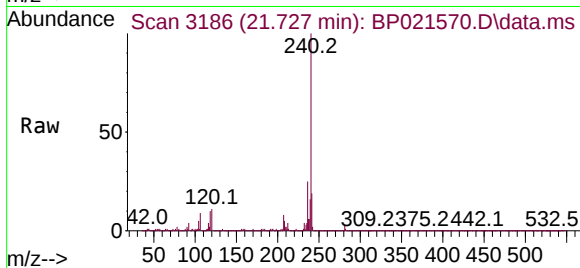
Tgt Ion:240 Resp: 2108915

Ion Ratio Lower Upper

240 100

120 11.3 9.9 14.9

236 25.3 20.6 30.8



#79

Terphenyl-d14

Concen: 89.101 ng

RT: 19.992 min Scan# 2891

Delta R.T. 0.017 min

Lab File: BP021570.D

Acq: 20 Aug 2024 12:59

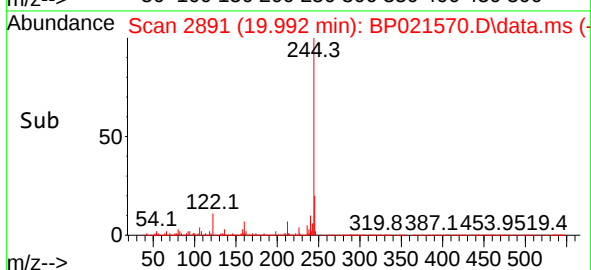
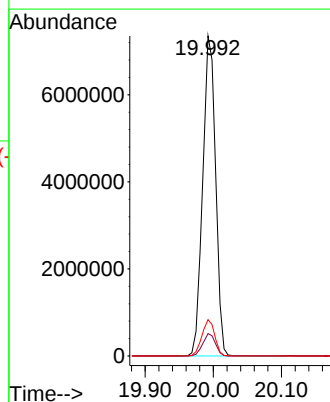
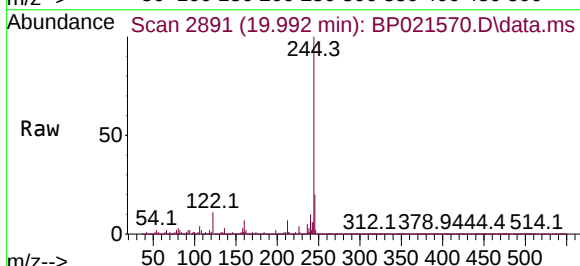
Tgt Ion:244 Resp: 9672298

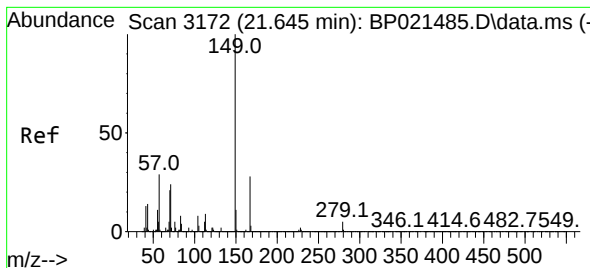
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.4 9.4 14.2

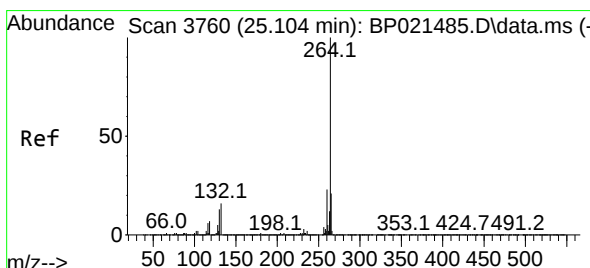
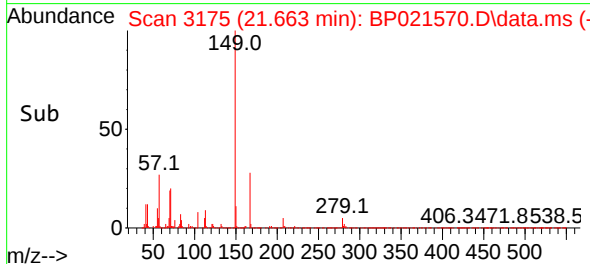
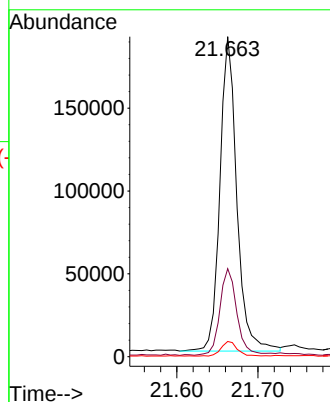
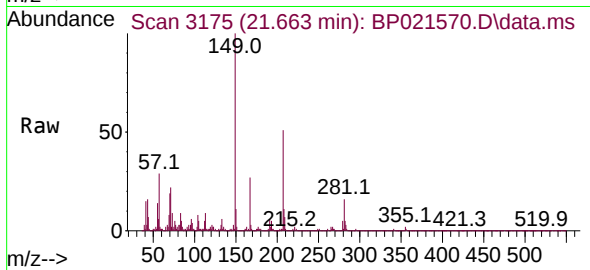




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.521 ng
RT: 21.663 min Scan# 3175
Delta R.T. 0.017 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

Instrument :
BNA_P
ClientSampleId :
RW7-SP100-20240814

Tgt Ion:149 Resp: 275511
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.7 3.8 5.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.162 min Scan# 3770
Delta R.T. 0.059 min
Lab File: BP021570.D
Acq: 20 Aug 2024 12:59

Tgt Ion:264 Resp: 2476983
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.8 17.1 25.7

