

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021571.D
 Acq On : 20 Aug 2024 13:42
 Operator : RC/JU
 Sample : P3650-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RW7-SP303-20240814

Quant Time: Aug 20 14:14:42 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)

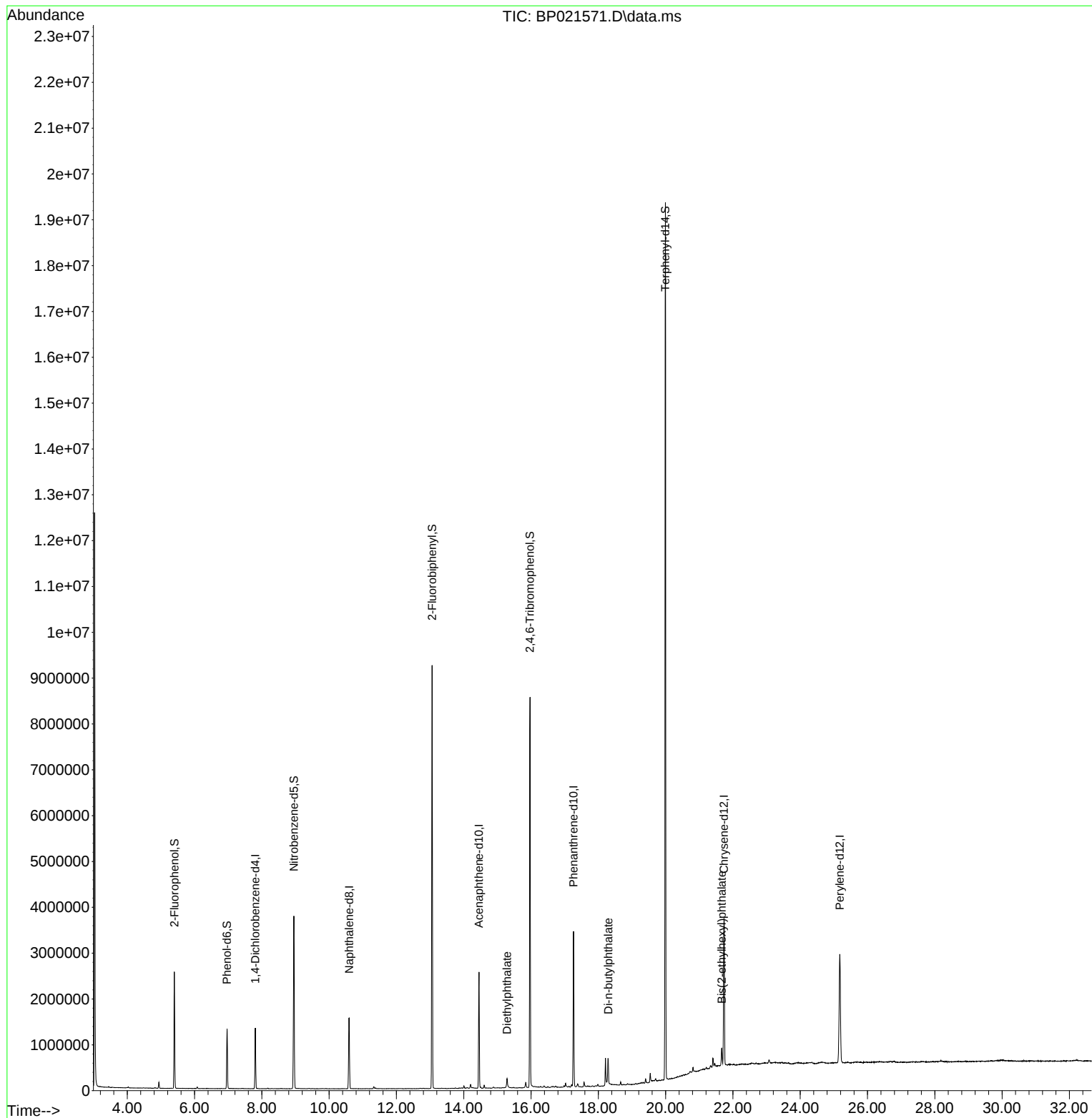
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	346806	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1368188	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	903455	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2083312	20.000	ng	0.01
76) Chrysene-d12	21.733	240	2117320	20.000	ng	0.04
86) Perylene-d12	25.174	264	2525469	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1096921	46.965	ng	0.00
7) Phenol-d6	6.964	99	886200	26.010	ng	0.00
23) Nitrobenzene-d5	8.952	82	2425779	91.513	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1672983	166.382	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	4642407	78.422	ng	0.00
79) Terphenyl-d14	19.992	244	10045934	92.176	ng	0.02
Target Compounds						
60) Diethylphthalate	15.287	149	179537	2.892	ng	99
74) Di-n-butylphthalate	18.292	149	573332	4.930	ng	99
84) Bis(2-ethylhexyl)phtha...	21.669	149	216651	2.758	ng	98

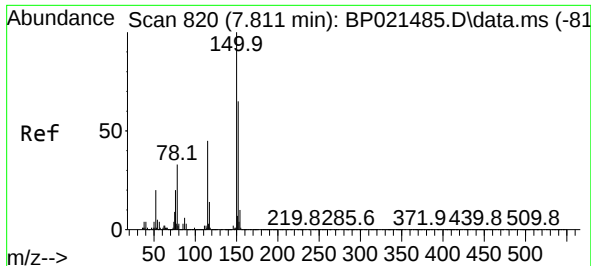
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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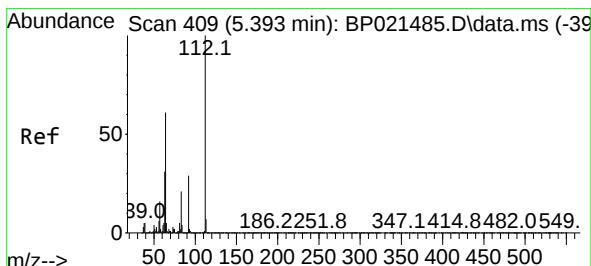
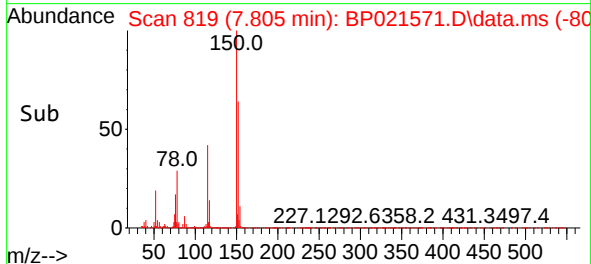
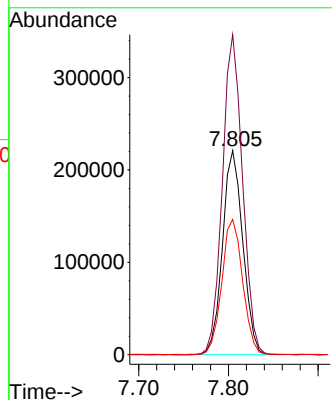
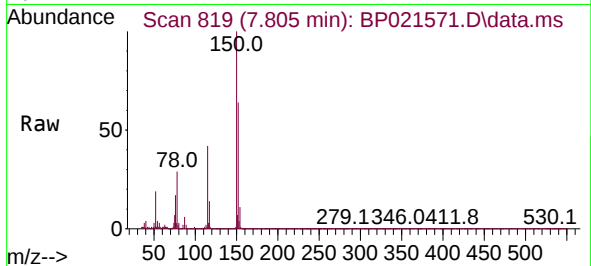




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021571.D
Acq: 20 Aug 2024 13:42

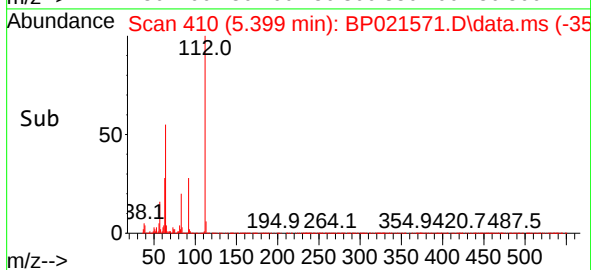
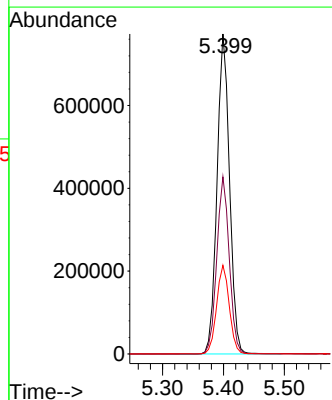
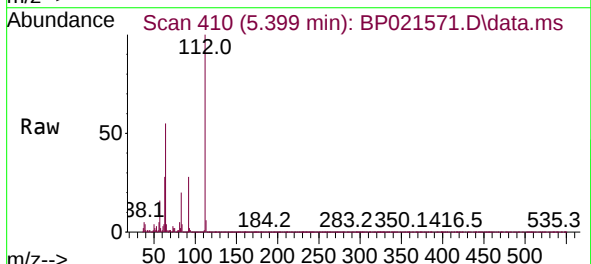
Instrument :
BNA_P
ClientSampleId :
RW7-SP303-20240814

Tgt Ion:152 Resp: 346806
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 66.3 54.7 82.1



#5
2-Fluorophenol
Concen: 46.965 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021571.D
Acq: 20 Aug 2024 13:42

Tgt Ion:112 Resp: 1096921
Ion Ratio Lower Upper
112 100
64 55.3 49.0 73.6
63 27.7 24.6 36.8

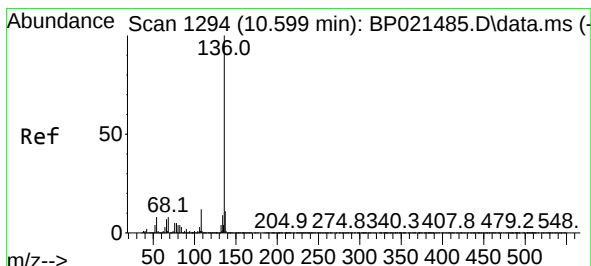
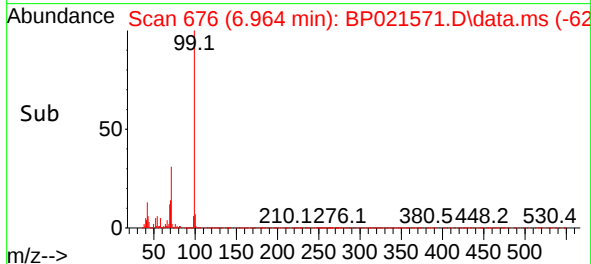
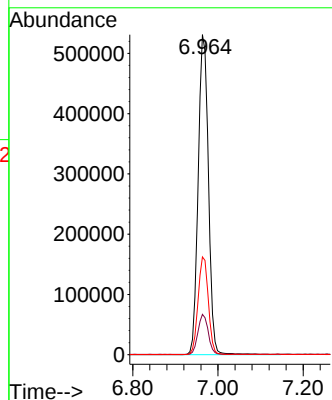
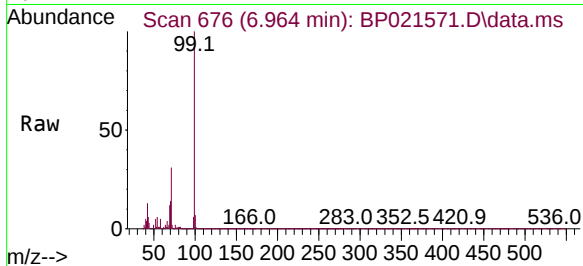




#7
Phenol-d6
Concen: 26.010 ng
RT: 6.964 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021571.D
Acq: 20 Aug 2024 13:42

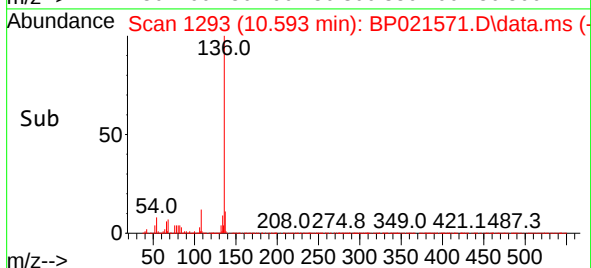
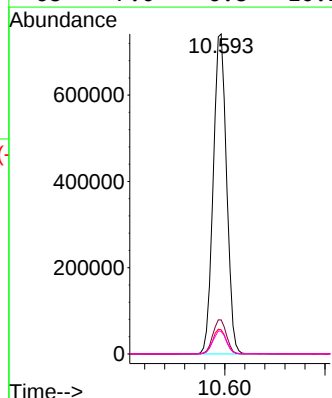
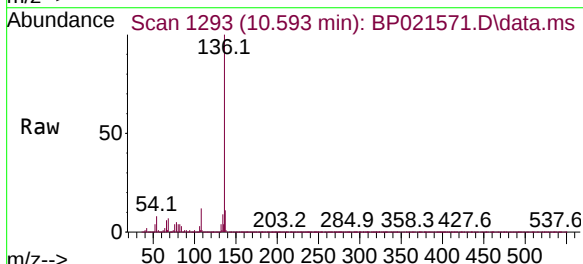
Instrument :
BNA_P
ClientSampleId :
RW7-SP303-20240814

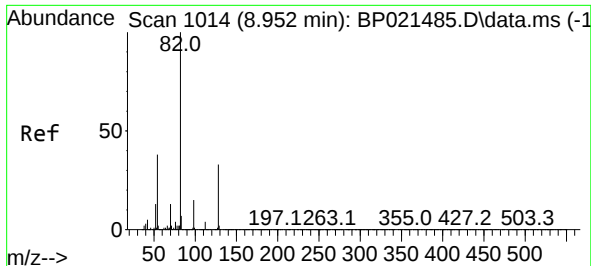
Tgt Ion: 99 Resp: 886200
Ion Ratio Lower Upper
99 100
42 12.6 10.2 15.4
71 30.6 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021571.D
Acq: 20 Aug 2024 13:42

Tgt Ion: 136 Resp: 1368188
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.3 9.5
68 7.0 6.8 10.2

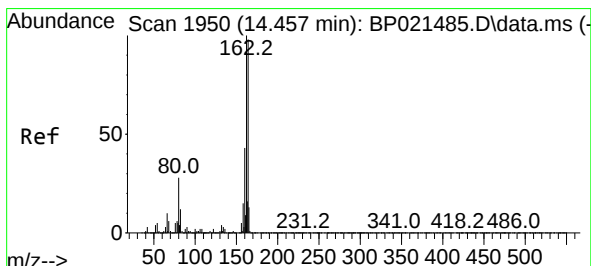
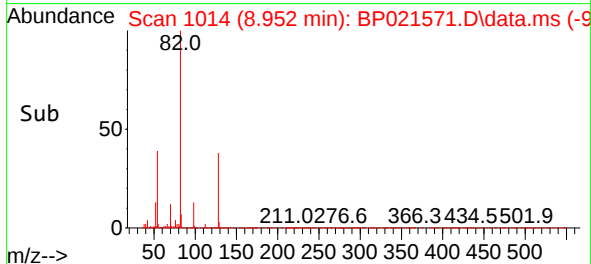
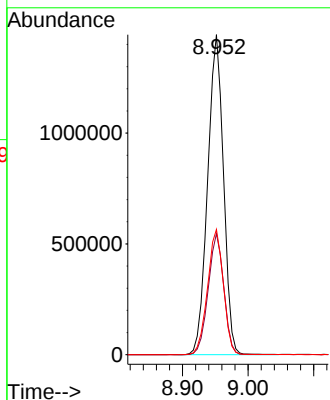
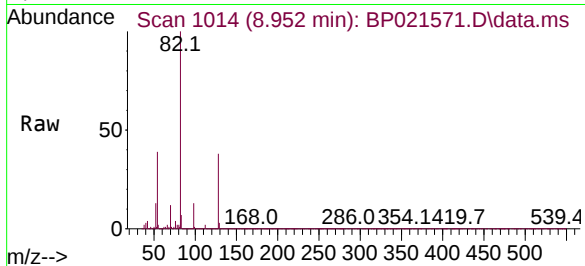




#23
Nitrobenzene-d5
Concen: 91.513 ng
RT: 8.952 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BP021571.D
Acq: 20 Aug 2024 13:42

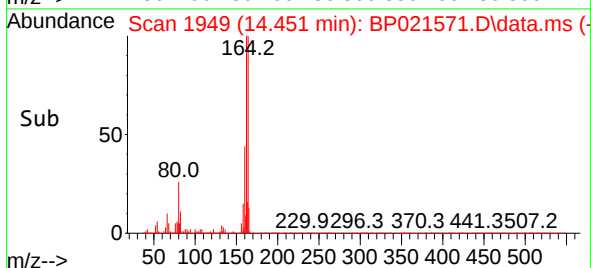
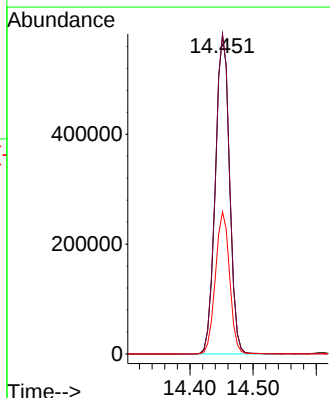
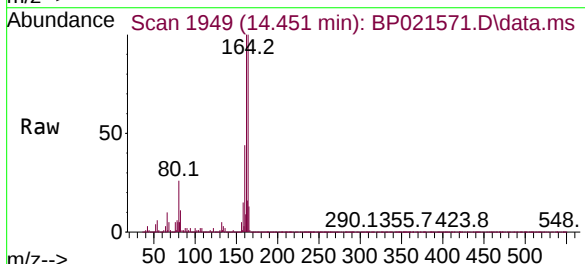
Instrument :
BNA_P
ClientSampleId :
RW7-SP303-20240814

Tgt Ion: 82 Resp: 2425779
Ion Ratio Lower Upper
82 100
128 37.9 26.5 39.7
54 39.2 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: BP021571.D
Acq: 20 Aug 2024 13:42

Tgt Ion:164 Resp: 903455
Ion Ratio Lower Upper
164 100
162 100.4 81.5 122.3
160 44.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 166.382 ng

RT: 15.969 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021571.D

Acq: 20 Aug 2024 13:42

Instrument :

BNA_P

ClientSampleId :

RW7-SP303-20240814

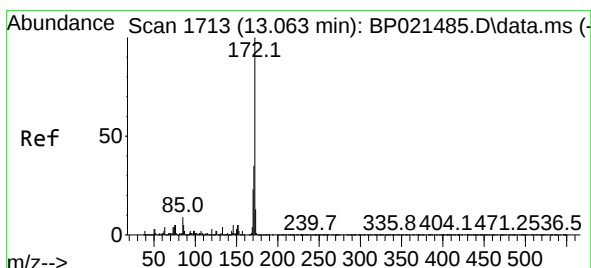
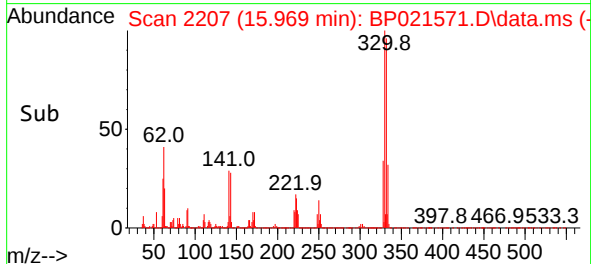
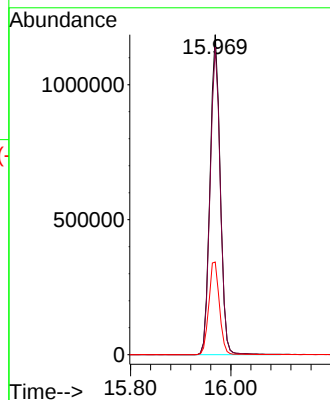
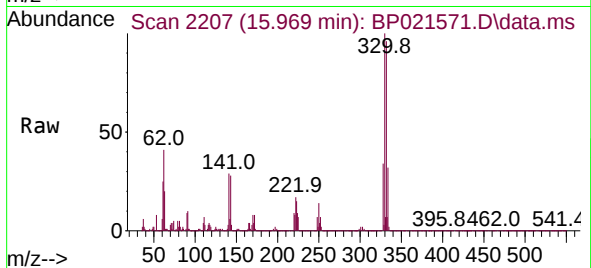
Tgt Ion:330 Resp: 1672983

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 30.3 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 78.422 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP021571.D

Acq: 20 Aug 2024 13:42

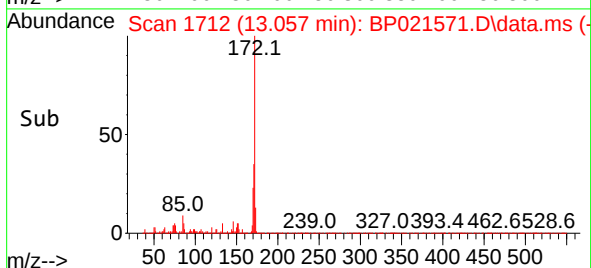
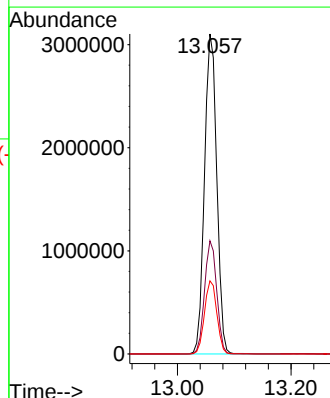
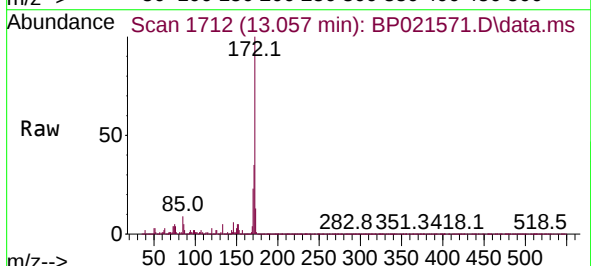
Tgt Ion:172 Resp: 4642407

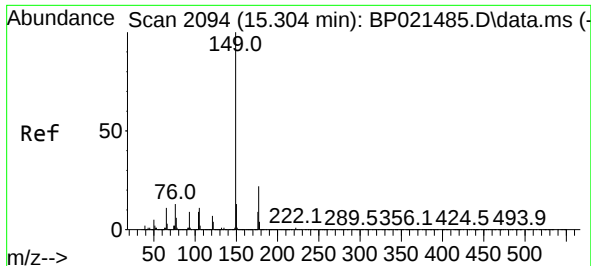
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 22.9 18.4 27.6

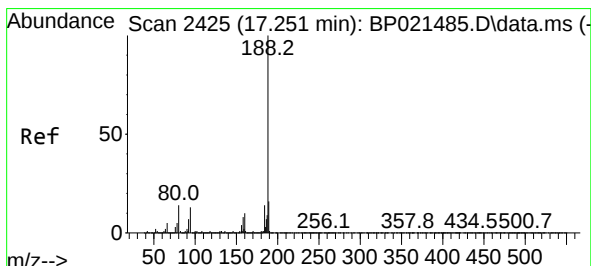
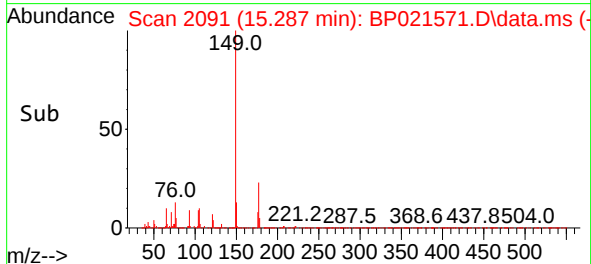
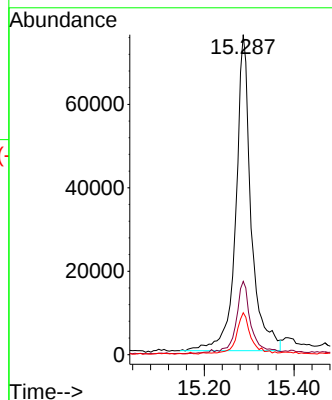
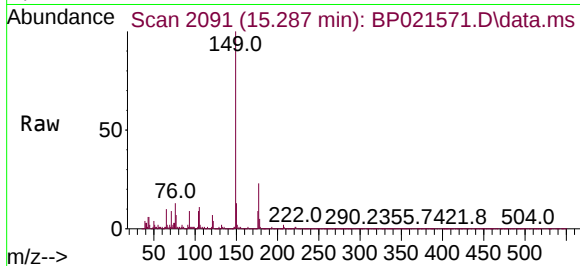




#60
Diethylphthalate
Concen: 2.892 ng
RT: 15.287 min Scan# 2094
Delta R.T. -0.018 min
Lab File: BP021571.D
Acq: 20 Aug 2024 13:42

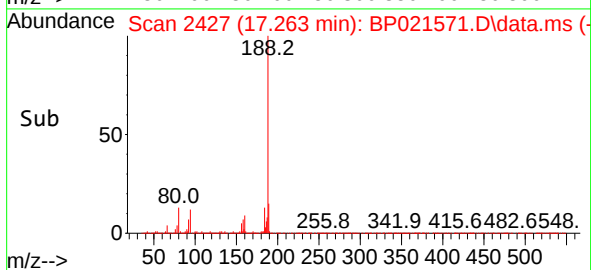
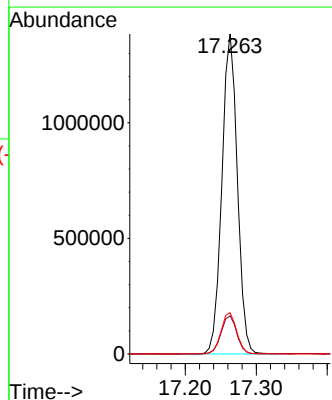
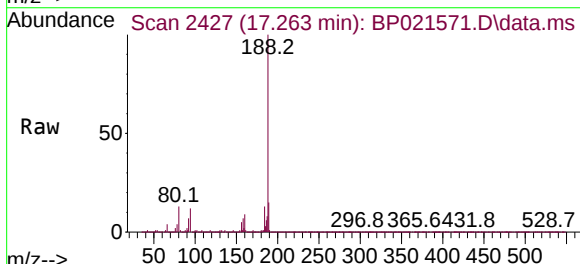
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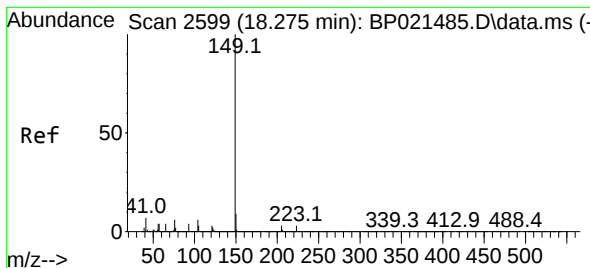
Tgt Ion:149 Resp: 179537
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 13.1 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP021571.D
Acq: 20 Aug 2024 13:42

Tgt Ion:188 Resp: 2083312
Ion Ratio Lower Upper
188 100
94 11.9 10.2 15.4
80 12.9 11.6 17.4





#74

Di-n-butylphthalate

Concen: 4.930 ng

RT: 18.292 min Scan# 2

Delta R.T. 0.018 min

Lab File: BP021571.D

Acq: 20 Aug 2024 13:42

Instrument :

BNA_P

ClientSampleId :

RW7-SP303-20240814

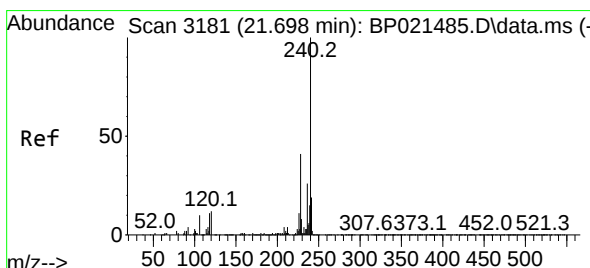
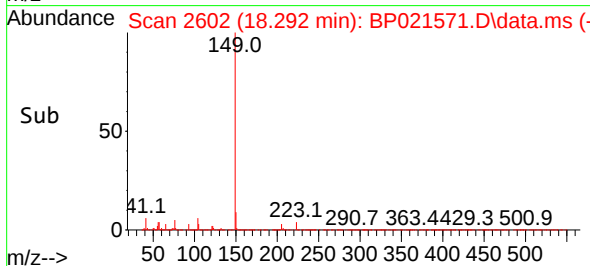
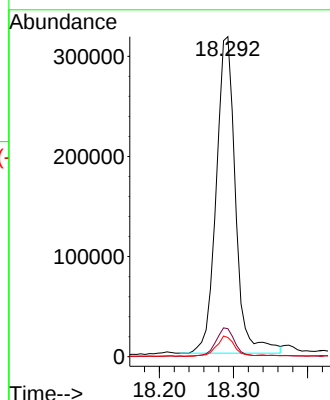
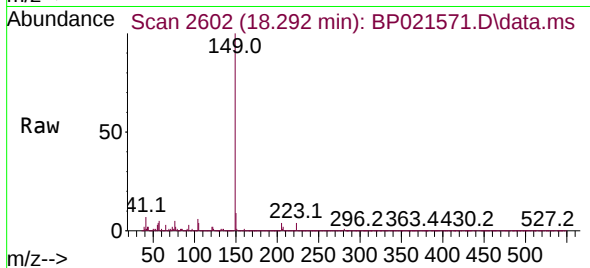
Tgt Ion:149 Resp: 573332

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 6.0 4.9 7.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.733 min Scan# 3187

Delta R.T. 0.035 min

Lab File: BP021571.D

Acq: 20 Aug 2024 13:42

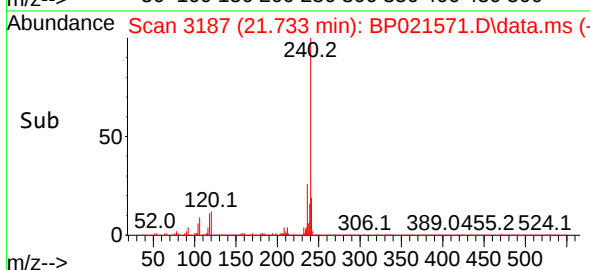
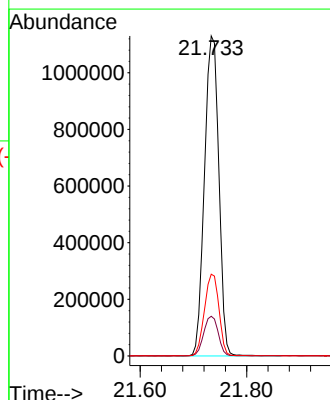
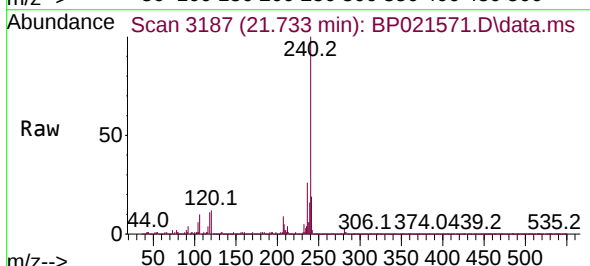
Tgt Ion:240 Resp: 2117320

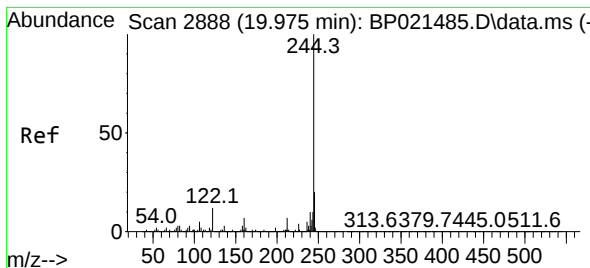
Ion Ratio Lower Upper

240 100

120 12.4 9.9 14.9

236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 92.176 ng

RT: 19.992 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP021571.D

Acq: 20 Aug 2024 13:42

Instrument :

BNA_P

ClientSampleId :

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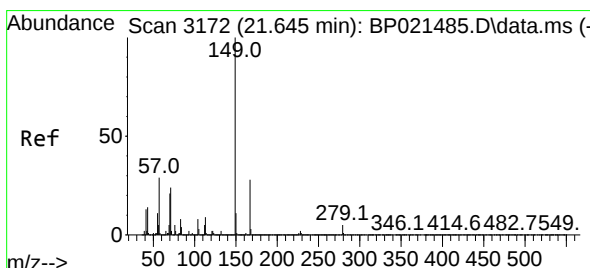
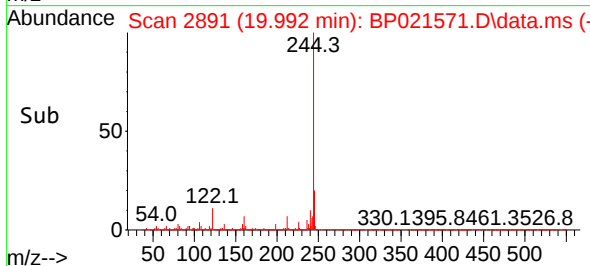
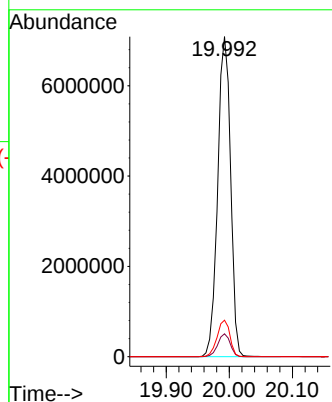
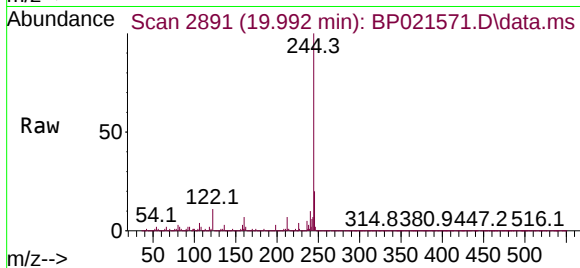
Tgt Ion:244 Resp:10045934

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.4 9.4 14.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.758 ng

RT: 21.669 min Scan# 3176

Delta R.T. 0.024 min

Lab File: BP021571.D

Acq: 20 Aug 2024 13:42

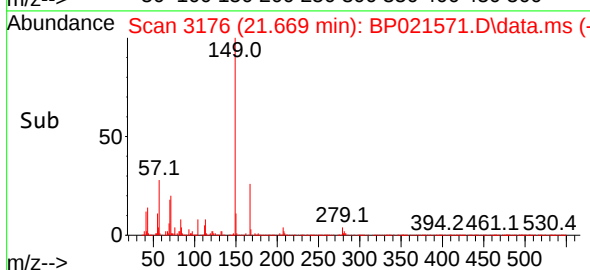
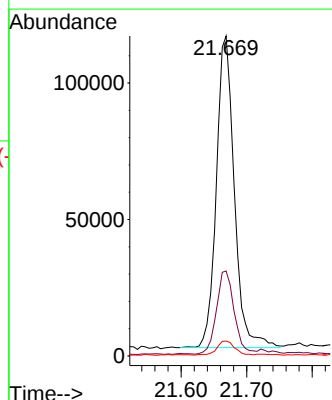
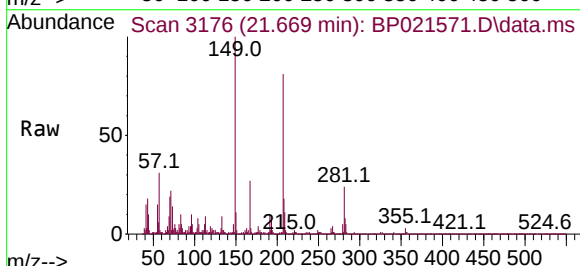
Tgt Ion:149 Resp: 216651

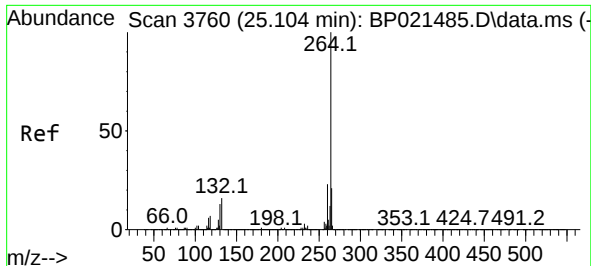
Ion Ratio Lower Upper

149 100

167 26.6 22.3 33.5

279 4.7 3.8 5.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.174 min Scan# 31
 Delta R.T. 0.071 min
 Lab File: BP021571.D
 Acq: 20 Aug 2024 13:42

Instrument :
 BNA_P
 ClientSampleId :
 RW7-SP303-20240814

Tgt Ion:264 Resp: 2525469
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 22.0 17.1 25.7

