

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021601.D
 Acq On : 21 Aug 2024 17:25
 Operator : RC/JU
 Sample : P3666-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20240816

Quant Time: Aug 21 17:58:23 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	7.799	152	233094	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	897287	20.000	ng	-0.01
39) Acenaphthene-d10	14.457	164	577607	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1348819	20.000	ng	0.01
76) Chrysene-d12	21.727	240	1503972	20.000	ng	0.03
86) Perylene-d12	25.168	264	1777297	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1076880	68.600	ng	0.00
7) Phenol-d6	6.963	99	863210	37.695	ng	0.00
23) Nitrobenzene-d5	8.946	82	2101760	120.900	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1265158	196.803	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3920890	103.598	ng	0.00
79) Terphenyl-d14	19.998	244	7669571	99.070	ng	0.02

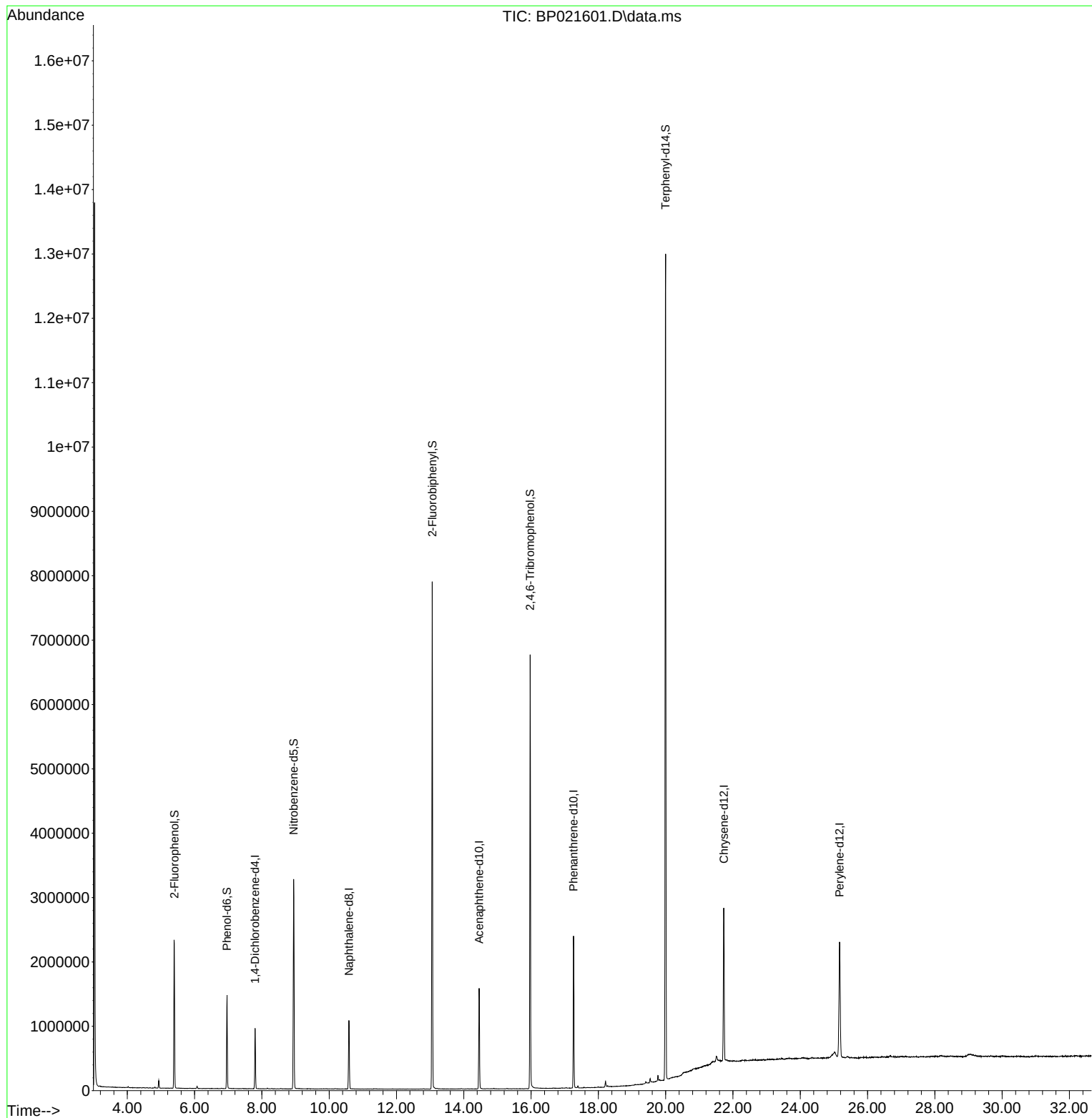
Target Compounds	Qvalue

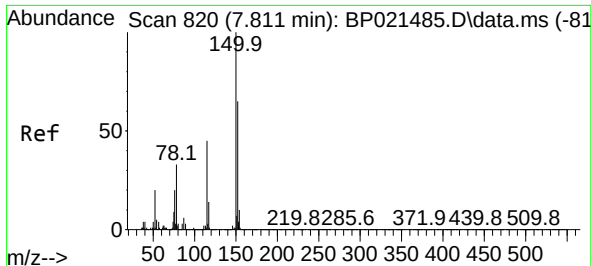
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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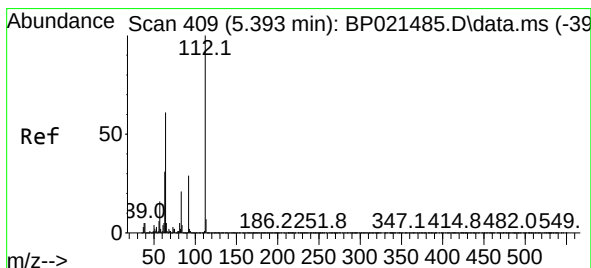
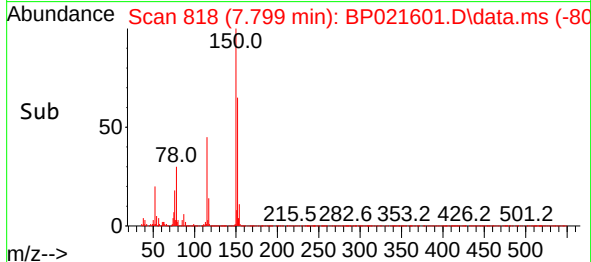
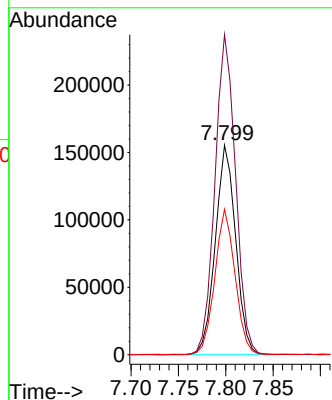
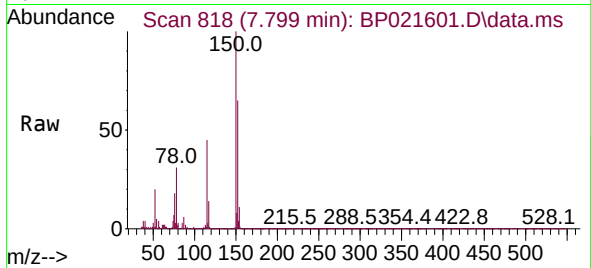




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

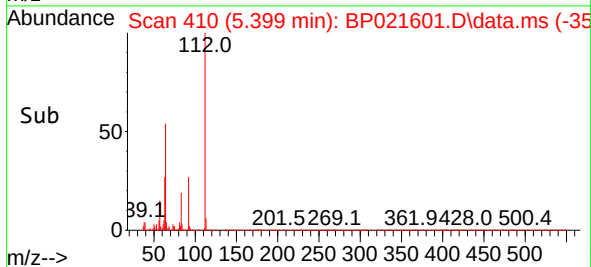
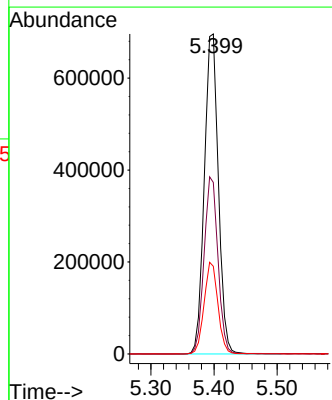
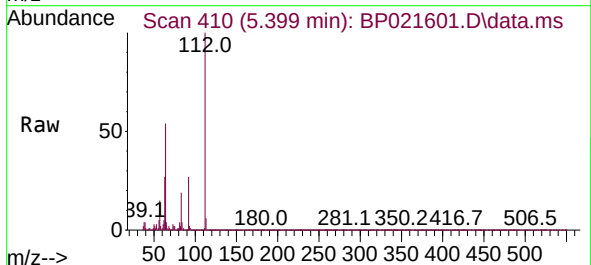
Instrument :
BNA_P
ClientSampleId :
SP-303-20240816

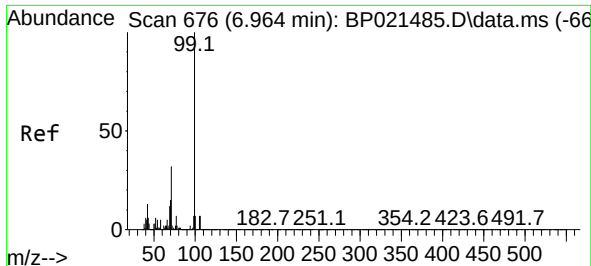
Tgt Ion:152 Resp: 233094
Ion Ratio Lower Upper
152 100
150 152.8 122.4 183.6
115 69.5 54.7 82.1



#5
2-Fluorophenol
Concen: 68.600 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

Tgt Ion:112 Resp: 1076880
Ion Ratio Lower Upper
112 100
64 53.6 49.0 73.6
63 27.4 24.6 36.8

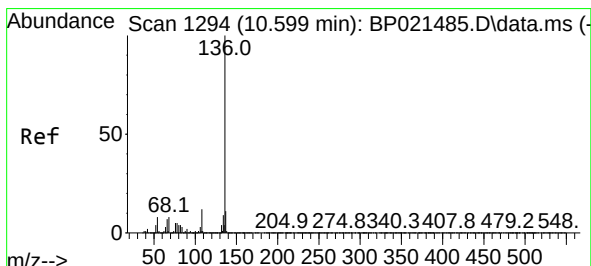
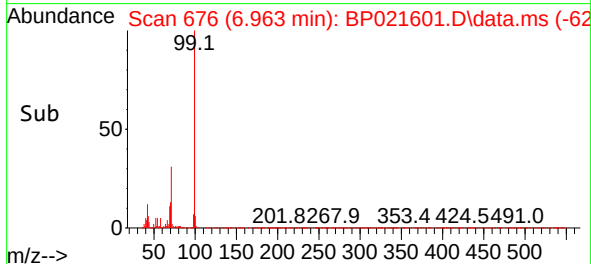
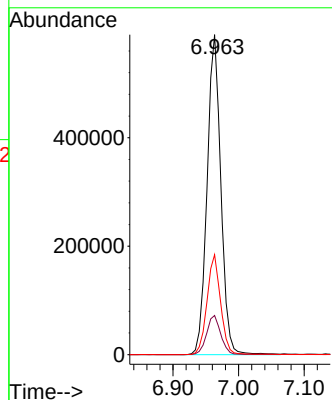
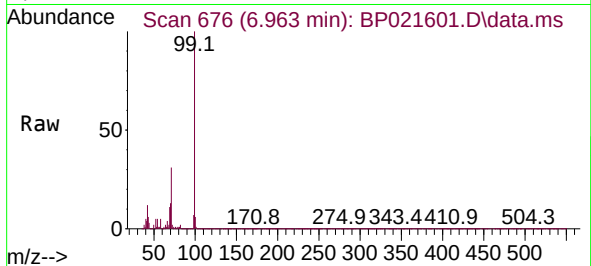




#7
Phenol-d6
Concen: 37.695 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

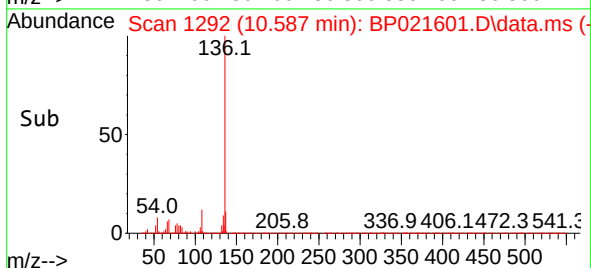
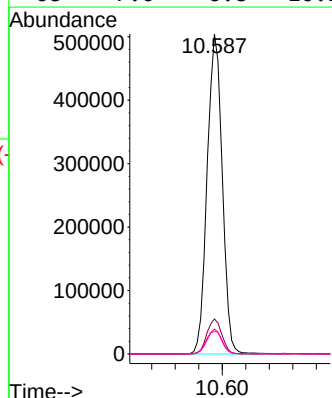
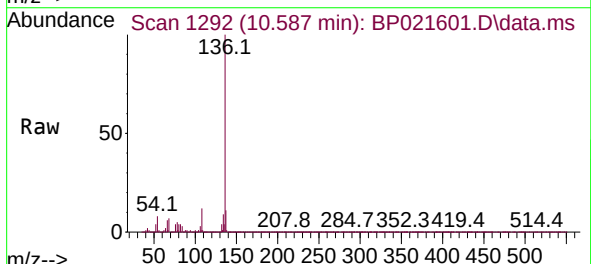
Instrument :
BNA_P
ClientSampleId :
SP-303-20240816

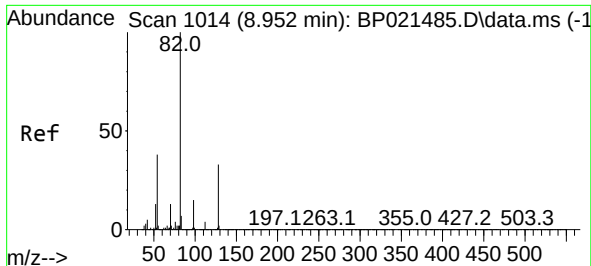
Tgt Ion: 99 Resp: 863210
Ion Ratio Lower Upper
99 100
42 12.2 10.2 15.4
71 31.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

Tgt Ion: 136 Resp: 897287
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 6.3 9.5
68 7.0 6.8 10.2





#23

Nitrobenzene-d5

Concen: 120.900 ng

RT: 8.946 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

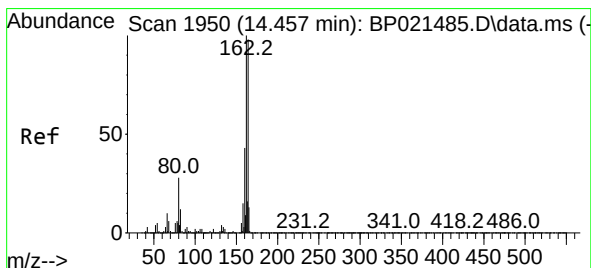
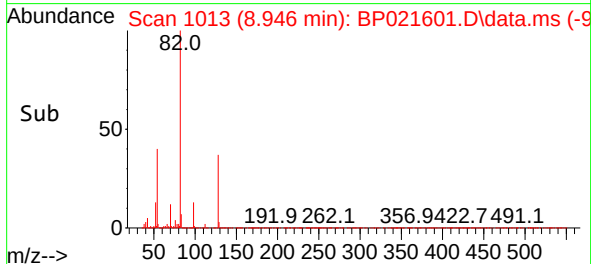
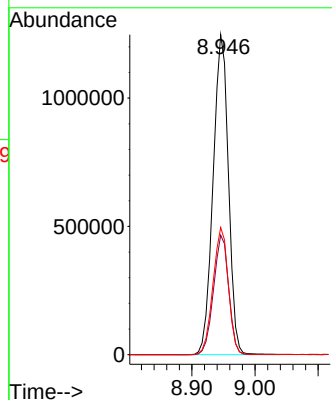
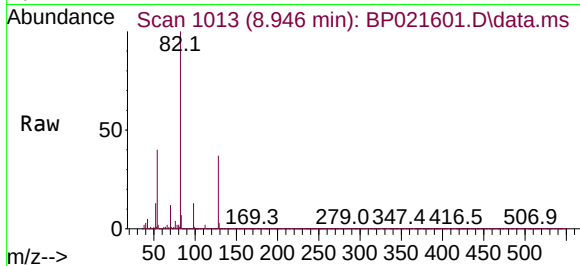
Tgt Ion: 82 Resp: 2101760

Ion Ratio Lower Upper

82 100

128 37.3 26.5 39.7

54 39.7 30.3 45.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

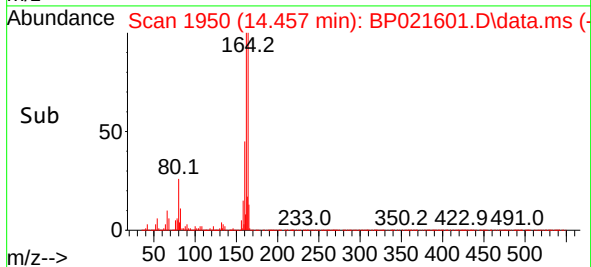
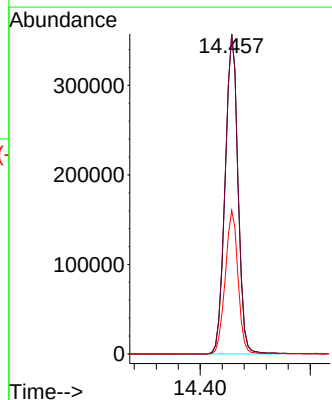
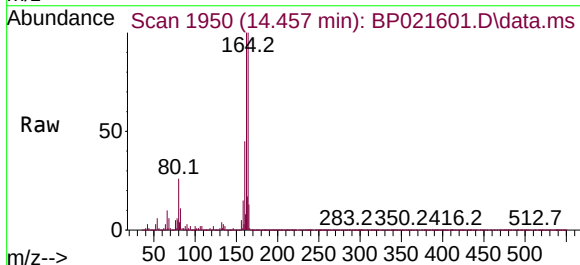
Tgt Ion:164 Resp: 577607

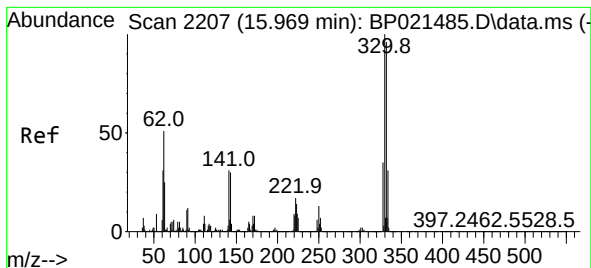
Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 196.803 ng

RT: 15.975 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

Instrument :

BNA_P

ClientSampleId :

SP-303-20240816

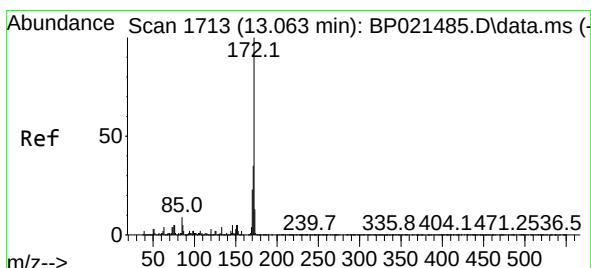
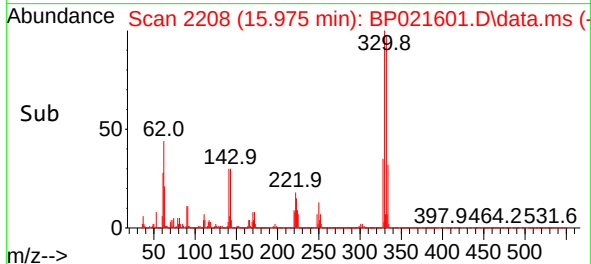
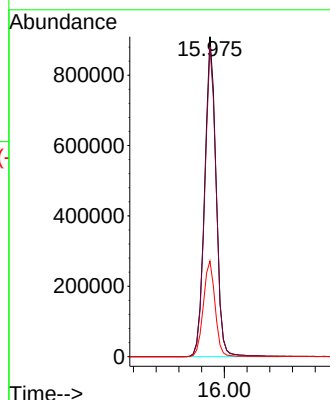
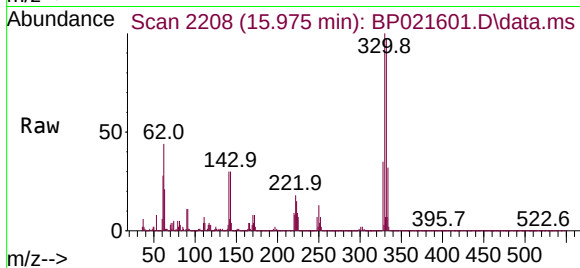
Tgt Ion:330 Resp: 1265158

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 30.9 24.5 36.7



#45

2-Fluorobiphenyl

Concen: 103.598 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021601.D

Acq: 21 Aug 2024 17:25

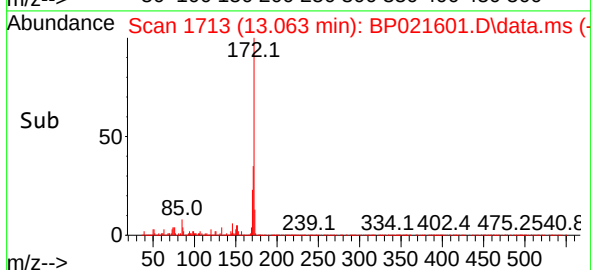
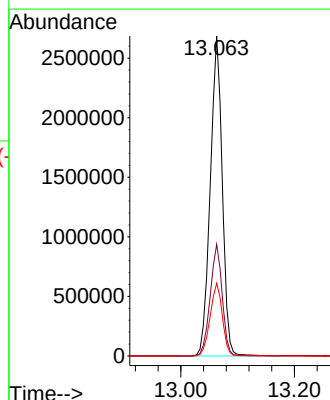
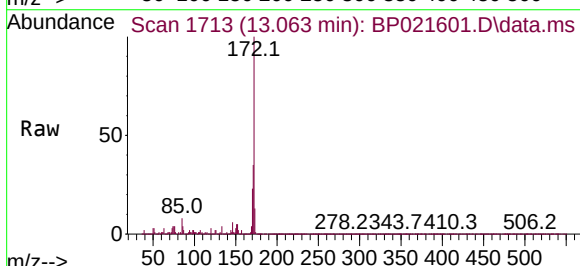
Tgt Ion:172 Resp: 3920890

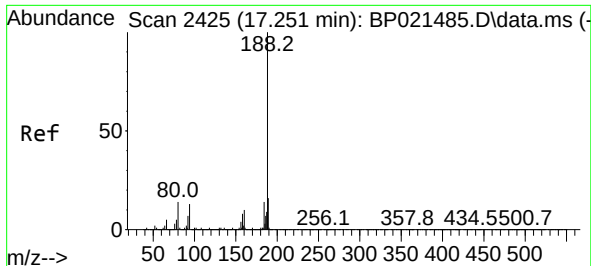
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 22.7 18.4 27.6

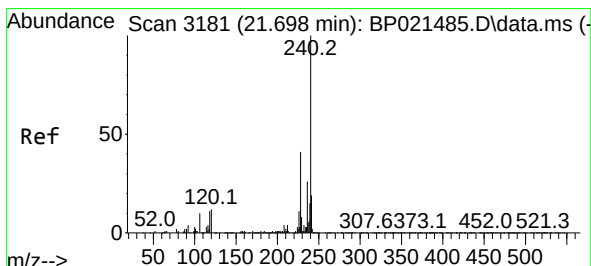
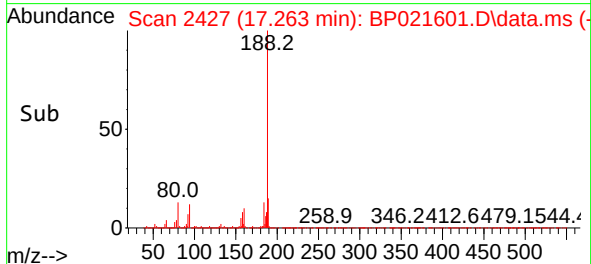
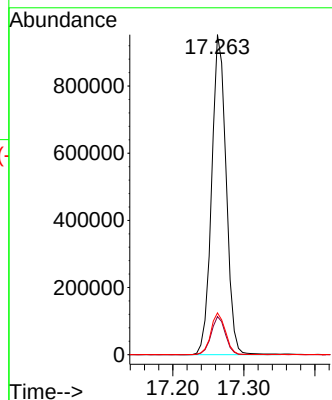
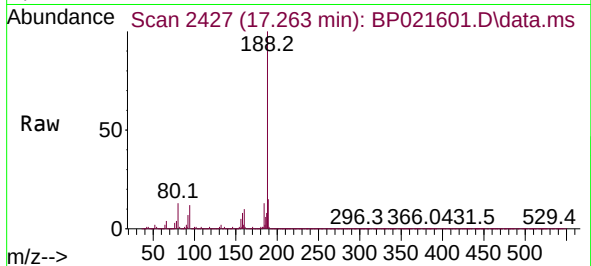




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

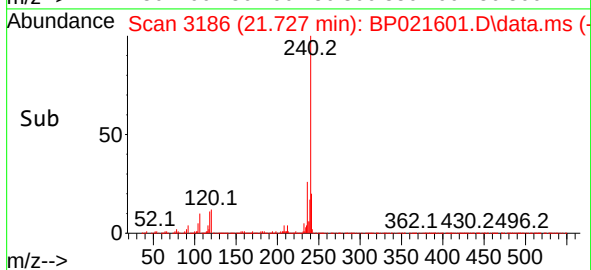
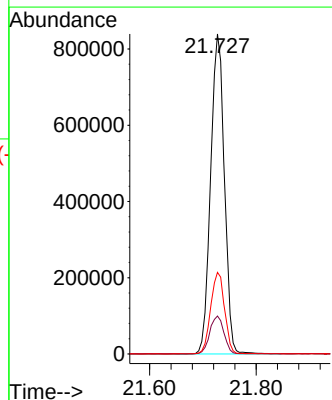
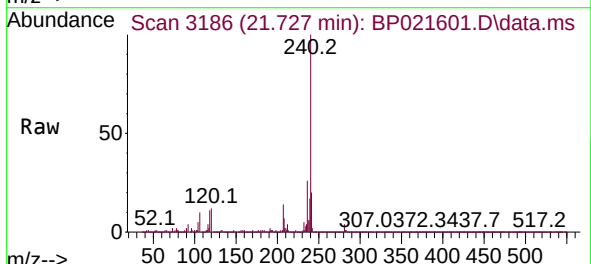
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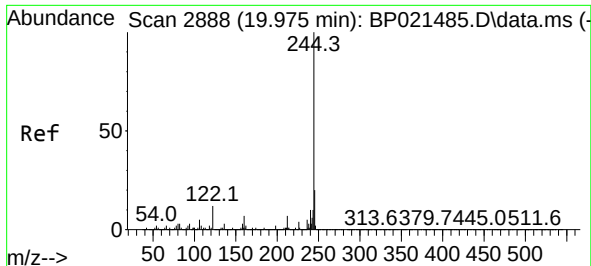
Tgt Ion:188 Resp: 1348819
Ion Ratio Lower Upper
188 100
94 11.9 10.2 15.4
80 13.0 11.6 17.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.029 min
Lab File: BP021601.D
Acq: 21 Aug 2024 17:25

Tgt Ion:240 Resp: 1503972
Ion Ratio Lower Upper
240 100
120 11.9 9.9 14.9
236 25.5 20.6 30.8

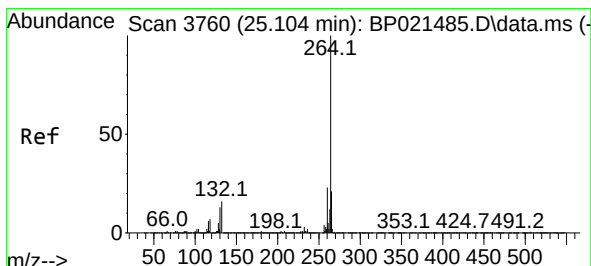
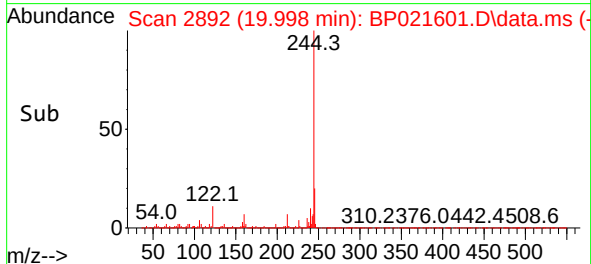
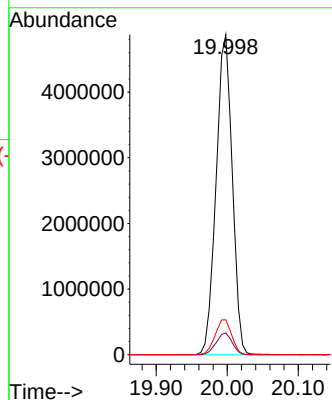
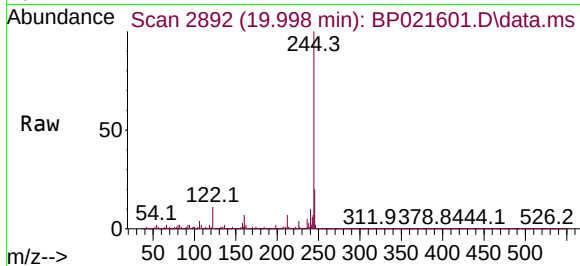




#79
 Terphenyl-d14
 Concen: 99.070 ng
 RT: 19.998 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BP021601.D
 Acq: 21 Aug 2024 17:25

Instrument :
 BNA_P
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Tgt Ion:244 Resp: 7669571
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.168 min Scan# 3771
 Delta R.T. 0.065 min
 Lab File: BP021601.D
 Acq: 21 Aug 2024 17:25

Tgt Ion:264 Resp: 1777297
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.9 17.1 25.7

