

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
 Data File : BP020569.D
 Acq On : 07 Jun 2024 21:27
 Operator : MA/JU
 Sample : P2763-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-SLUDGE

Quant Time: Jun 08 00:12:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

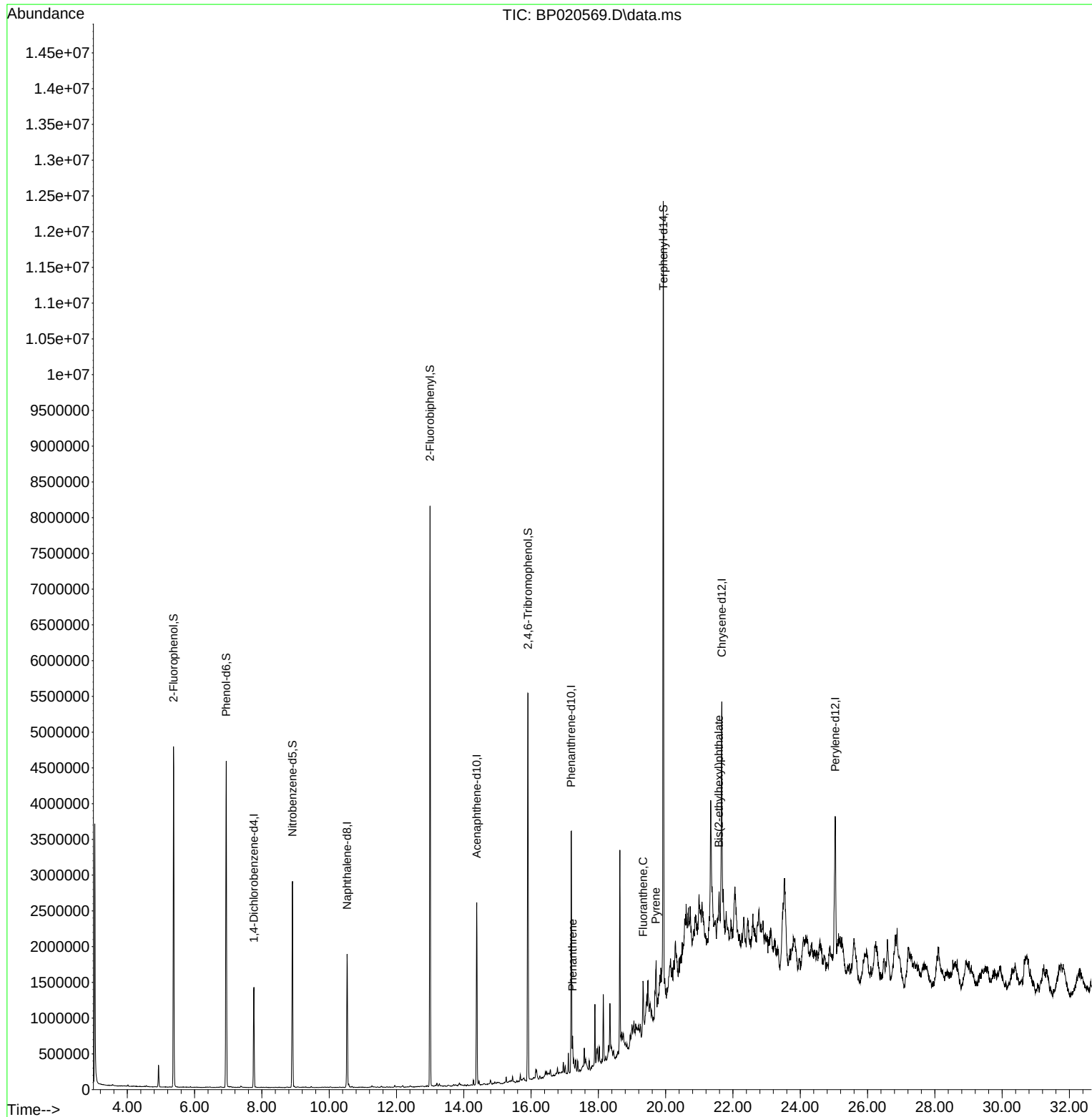
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	387700	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1506925	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	967487	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1940074	20.000	ng	-0.01
76) Chrysene-d12	21.668	240	1821523	20.000	ng	0.00
86) Perylene-d12	25.039	264	2335153	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2158809	99.697	ng	0.00
7) Phenol-d6	6.940	99	2718479	89.022	ng	0.00
23) Nitrobenzene-d5	8.910	82	1697457	61.661	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1258567	125.347	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	4066471	62.657	ng	0.00
79) Terphenyl-d14	19.933	244	6301445	57.590	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.233	178	272560	2.858	ng	99
75) Fluoranthene	19.327	202	421578	3.737	ng	95
78) Pyrene	19.710	202	385518	2.814	ng	96
84) Bis(2-ethylhexyl)phtha...	21.586	149	197473	2.532	ng	# 91

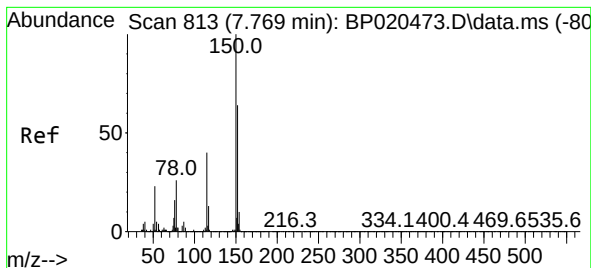
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.763 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

Instrument :

BNA_P

ClientSampleId :

MH-SLUDGE

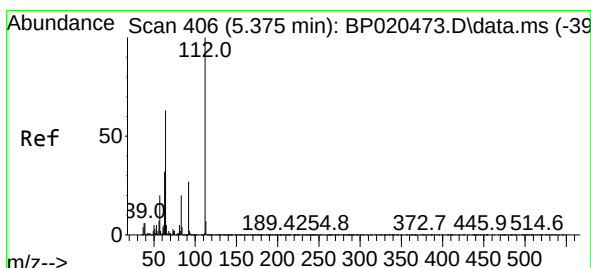
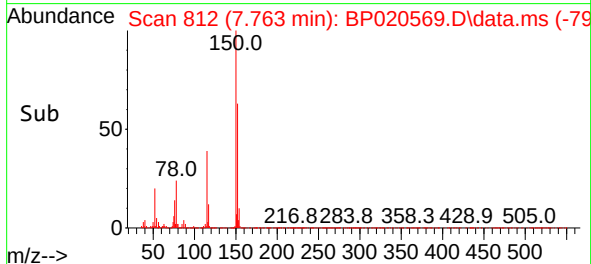
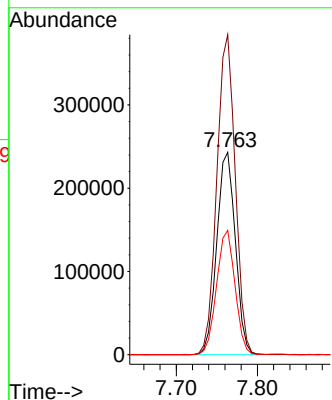
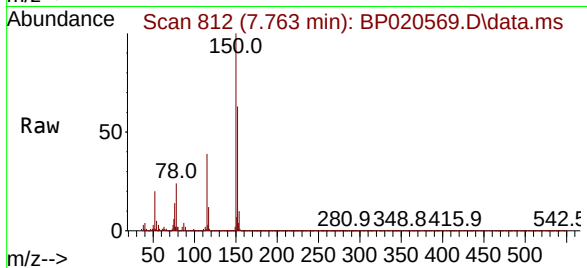
Tgt Ion:152 Resp: 387700

Ion Ratio Lower Upper

152 100

150 158.0 124.2 186.2

115 61.4 49.5 74.3



#5

2-Fluorophenol

Concen: 99.697 ng

RT: 5.375 min Scan# 406

Delta R.T. -0.000 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

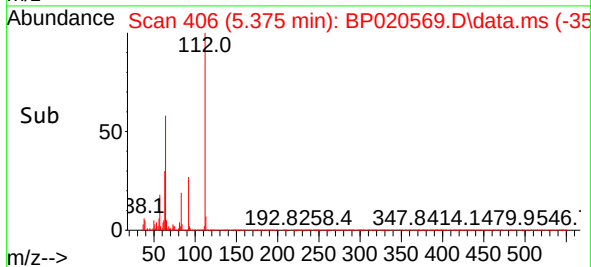
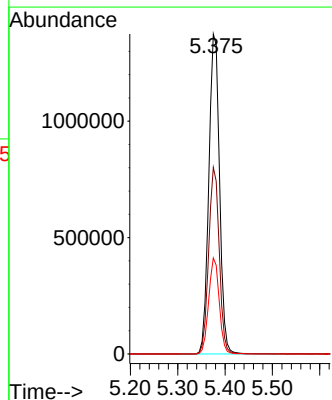
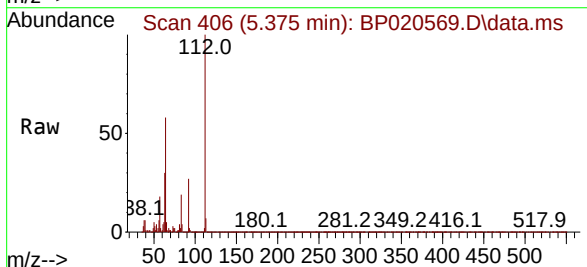
Tgt Ion:112 Resp: 2158809

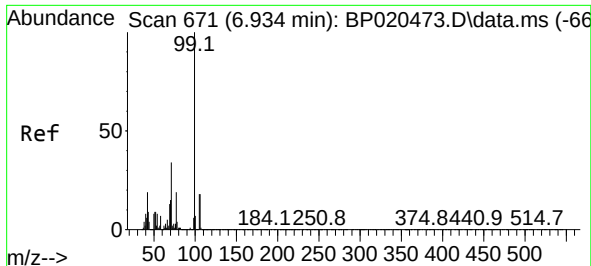
Ion Ratio Lower Upper

112 100

64 58.3 50.1 75.1

63 30.0 25.7 38.5

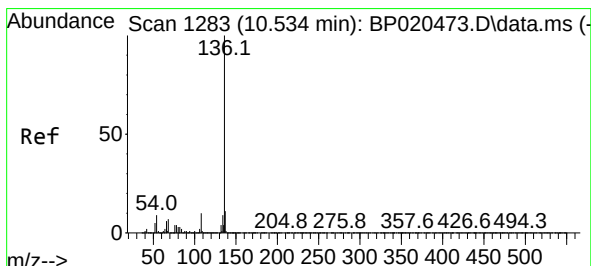
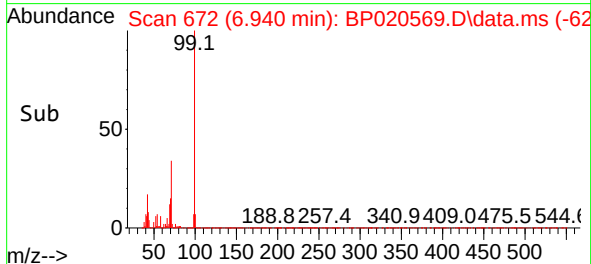
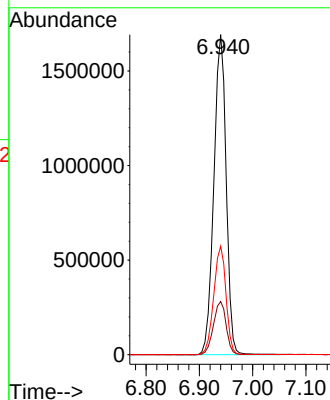
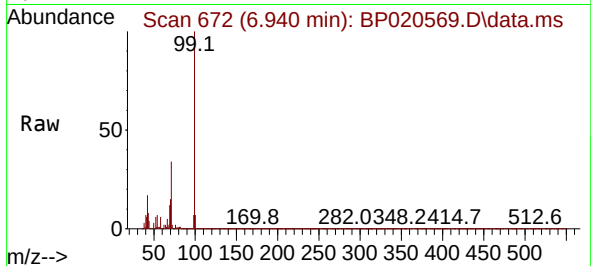




#7
Phenol-d6
Concen: 89.022 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020569.D
Acq: 07 Jun 2024 21:27

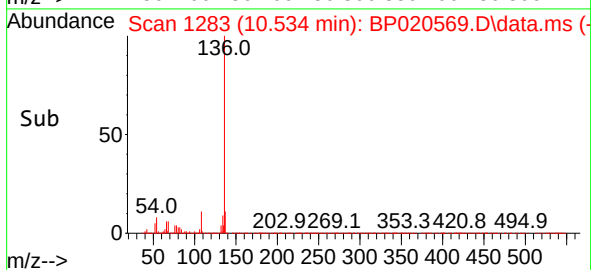
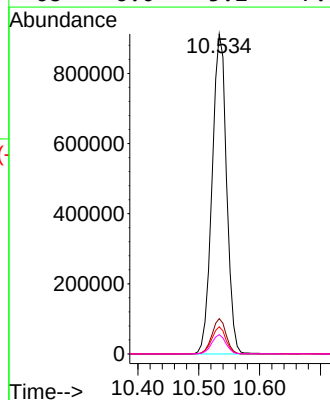
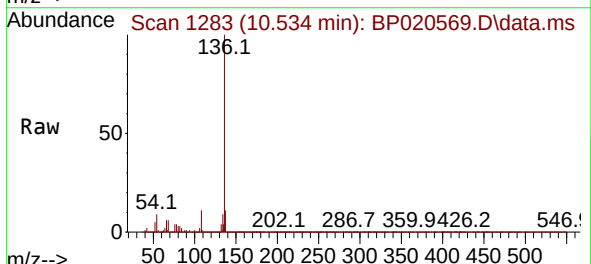
Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

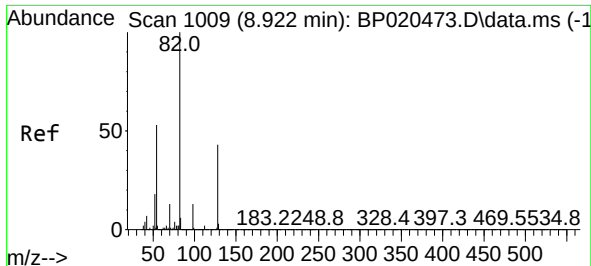
Tgt Ion: 99 Resp: 2718479
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 33.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP020569.D
Acq: 07 Jun 2024 21:27

Tgt Ion:136 Resp: 1506925
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.5 7.4 11.0
68 6.0 5.2 7.8

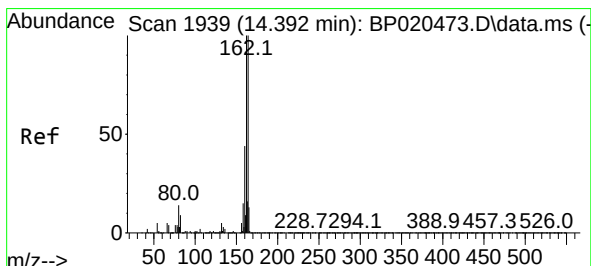
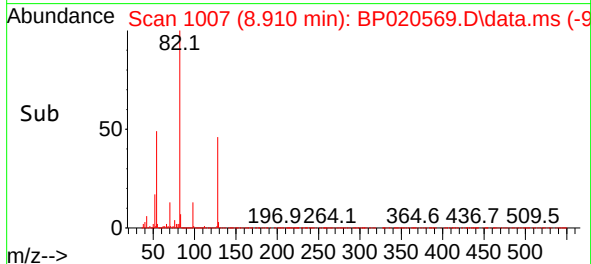
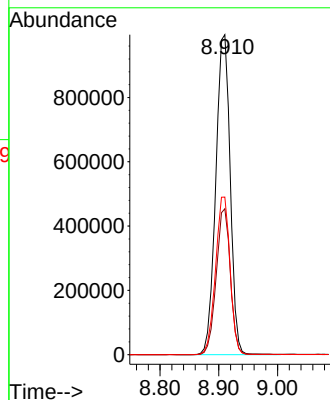
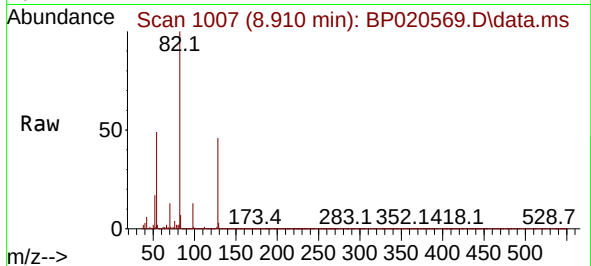




#23
Nitrobenzene-d5
Concen: 61.661 ng
RT: 8.910 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP020569.D
Acq: 07 Jun 2024 21:27

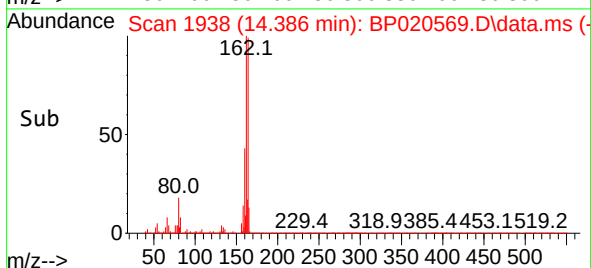
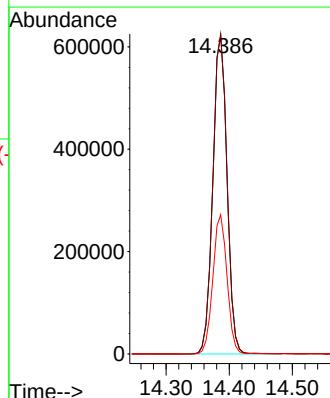
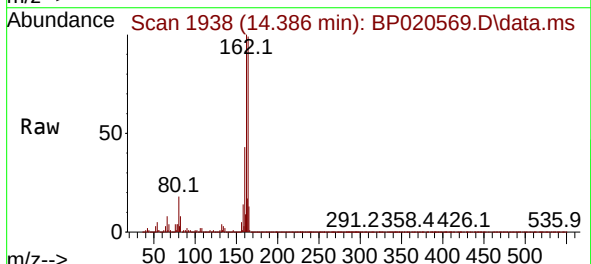
Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

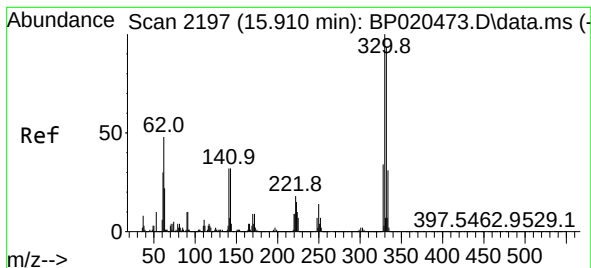
Tgt Ion: 82 Resp: 1697457
Ion Ratio Lower Upper
82 100
128 45.6 34.2 51.4
54 49.2 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BP020569.D
Acq: 07 Jun 2024 21:27

Tgt Ion:164 Resp: 967487
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 43.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 125.347 ng

RT: 15.910 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

Instrument :

BNA_P

ClientSampleId :

MH-SLUDGE

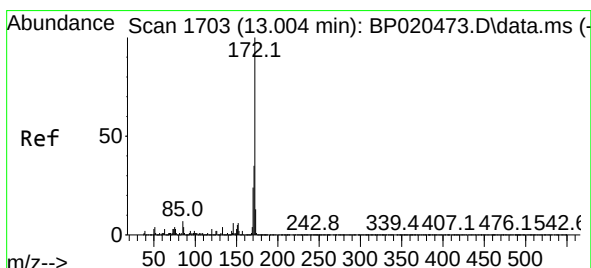
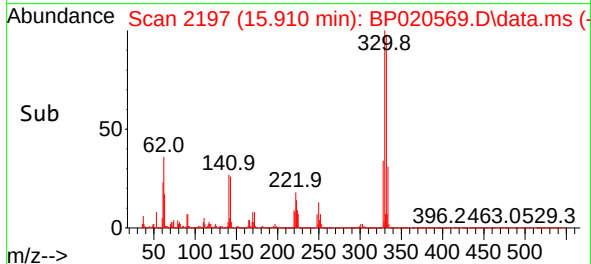
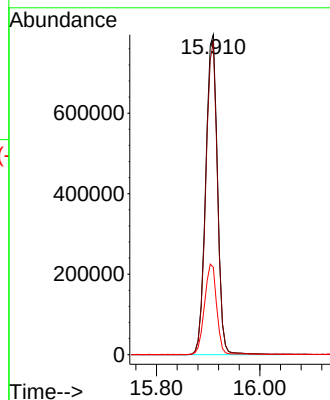
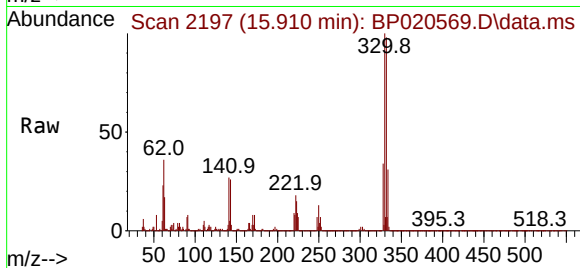
Tgt Ion:330 Resp: 1258567

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

141 29.1 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 62.657 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

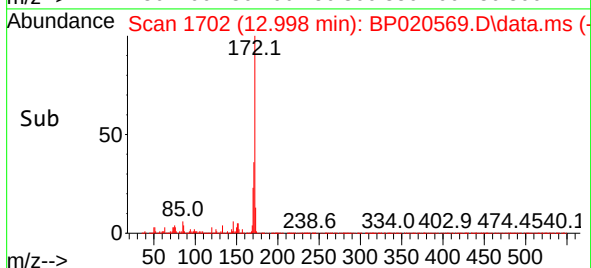
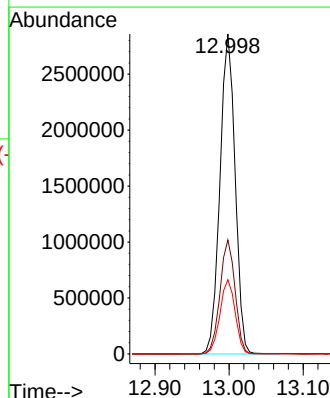
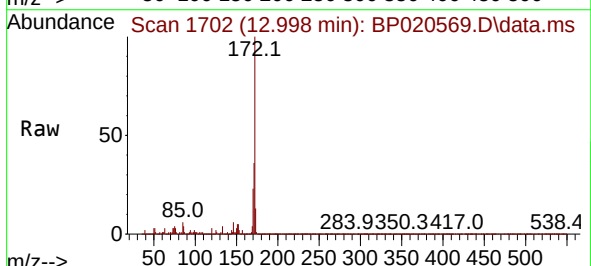
Tgt Ion:172 Resp: 4066471

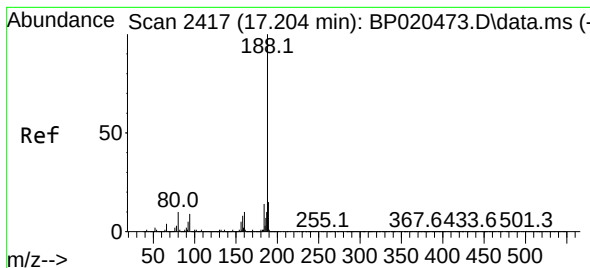
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

Instrument :

BNA_P

ClientSampleId :

MH-SLUDGE

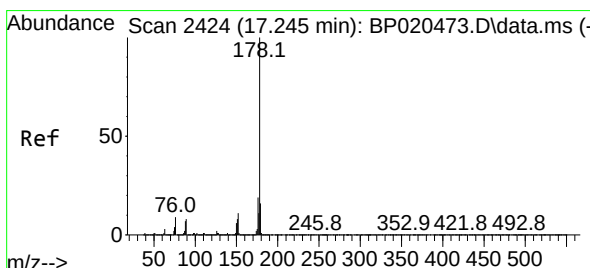
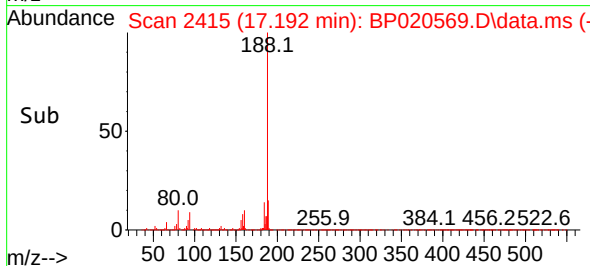
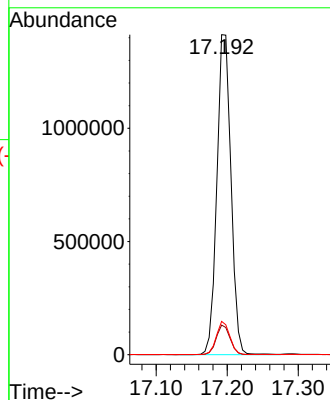
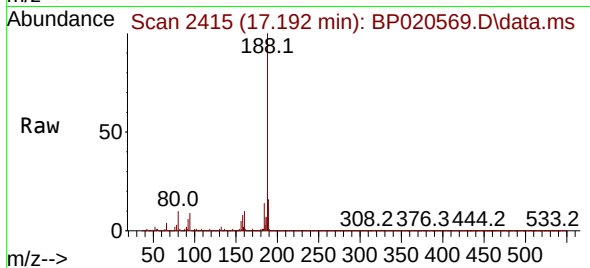
Tgt Ion:188 Resp: 1940074

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.4 8.1 12.1



#71

Phenanthrene

Concen: 2.858 ng

RT: 17.233 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

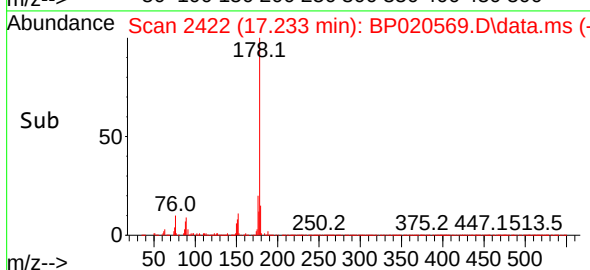
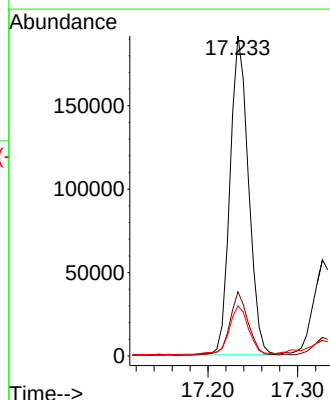
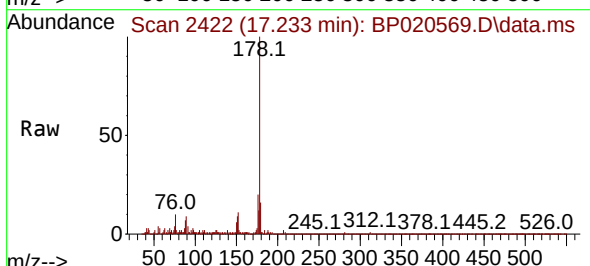
Tgt Ion:178 Resp: 272560

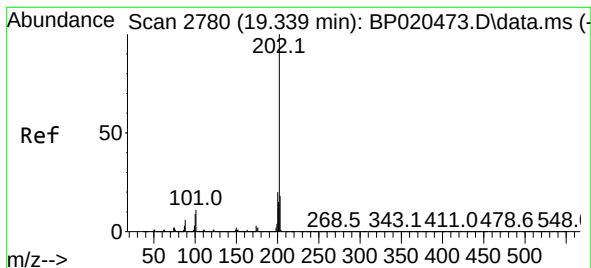
Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

179 15.6 12.5 18.7





#75

Fluoranthene

Concen: 3.737 ng

RT: 19.327 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

Instrument :

BNA_P

ClientSampleId :

MH-SLUDGE

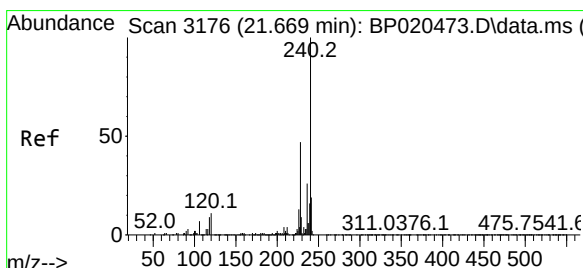
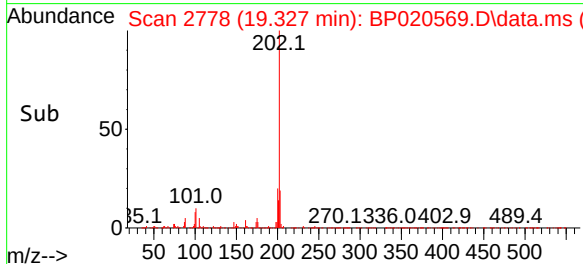
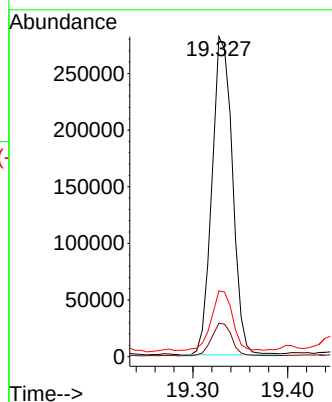
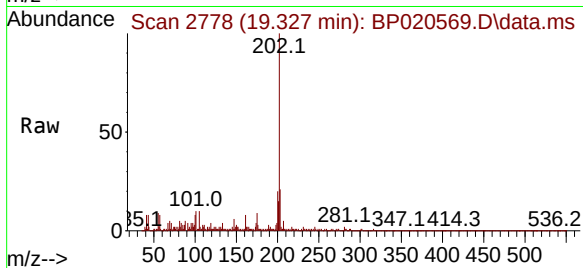
Tgt Ion:202 Resp: 421578

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

203 20.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.668 min Scan# 3176

Delta R.T. -0.000 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

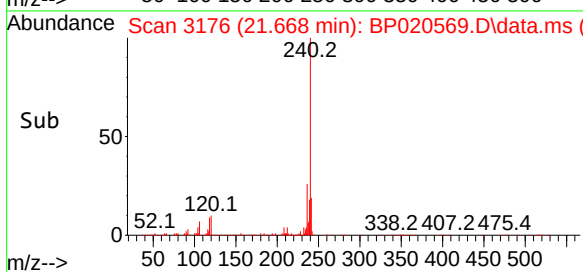
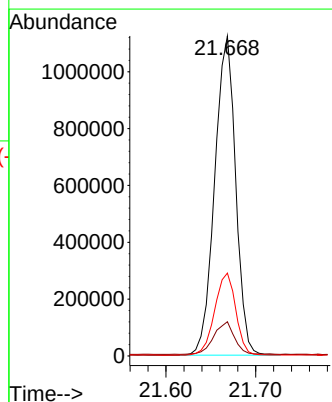
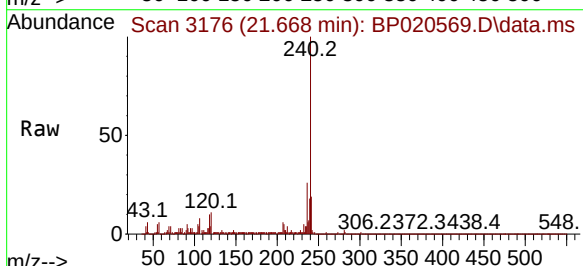
Tgt Ion:240 Resp: 1821523

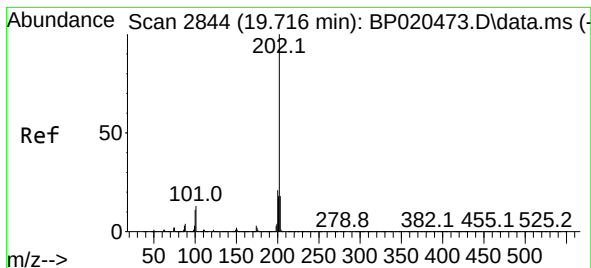
Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

236 25.9 20.5 30.7





#78

Pyrene

Concen: 2.814 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

Instrument :

BNA_P

ClientSampleId :

MH-SLUDGE

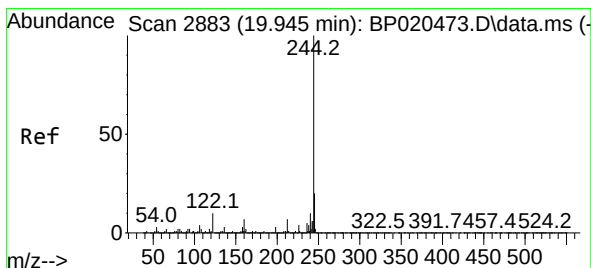
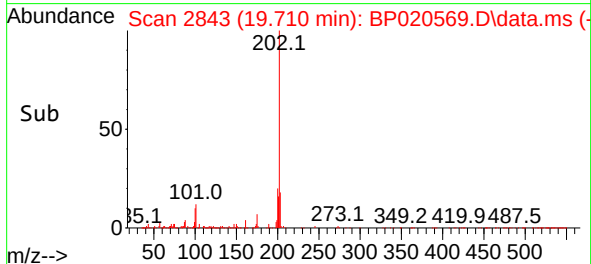
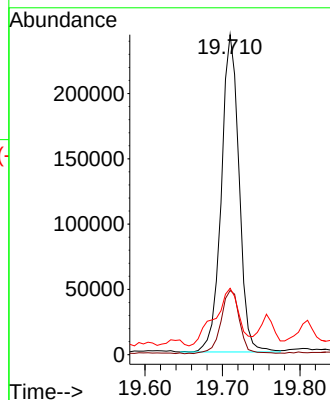
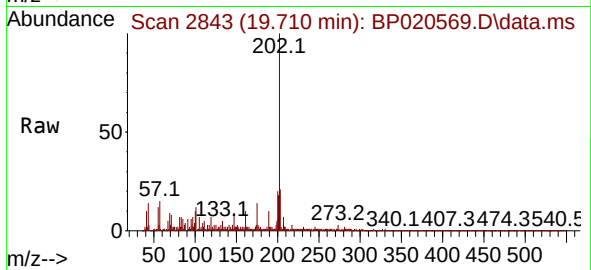
Tgt Ion:202 Resp: 385518

Ion Ratio Lower Upper

202 100

200 20.1 16.9 25.3

203 20.8 14.1 21.1



#79

Terphenyl-d14

Concen: 57.590 ng

RT: 19.933 min Scan# 2881

Delta R.T. -0.012 min

Lab File: BP020569.D

Acq: 07 Jun 2024 21:27

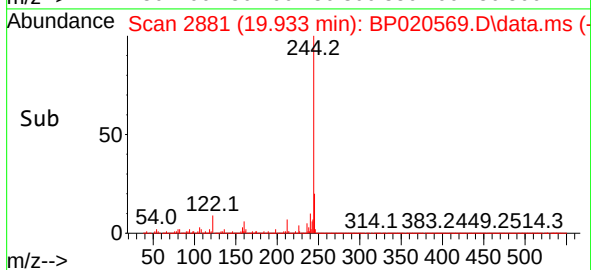
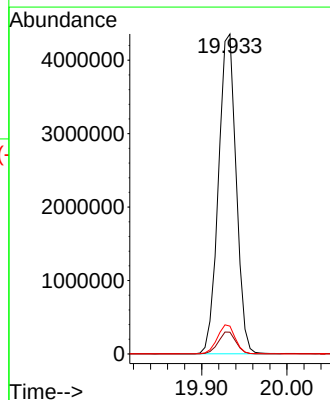
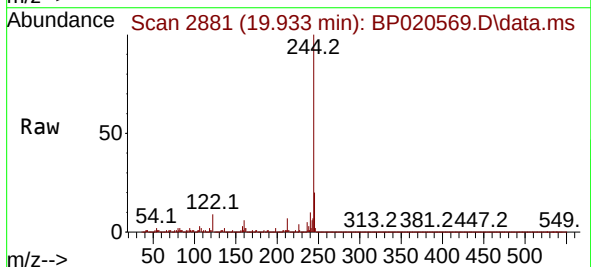
Tgt Ion:244 Resp: 6301445

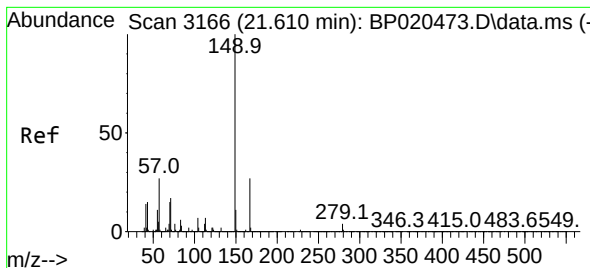
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 8.7 8.2 12.2

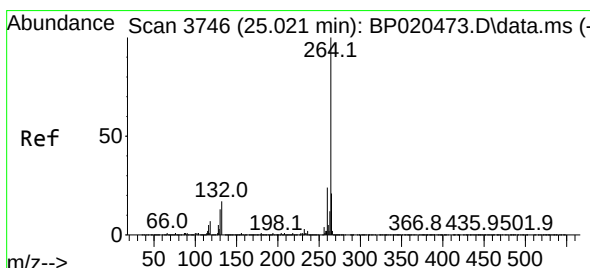
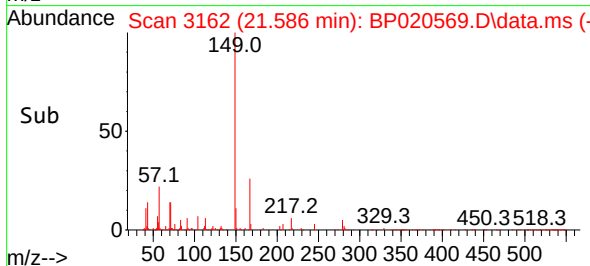
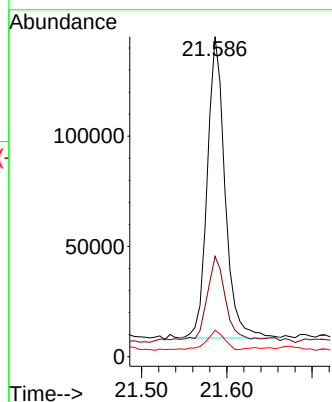
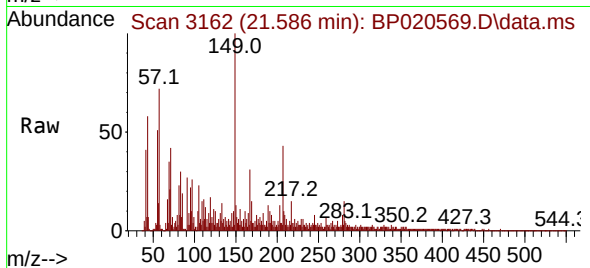




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.532 ng
RT: 21.586 min Scan# 3166
Delta R.T. -0.024 min
Lab File: BP020569.D
Acq: 07 Jun 2024 21:27

Instrument :
BNA_P
ClientSampleId :
MH-SLUDGE

Tgt Ion:149 Resp: 197473
Ion Ratio Lower Upper
149 100
167 31.4 21.8 32.6
279 8.3 3.4 5.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.039 min Scan# 3749
Delta R.T. 0.018 min
Lab File: BP020569.D
Acq: 07 Jun 2024 21:27

Tgt Ion:264 Resp: 2335153
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 21.6 17.4 26.0

