

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
 Data File : BP020588.D
 Acq On : 11 Jun 2024 14:59
 Operator : MA/JU
 Sample : P2767-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PMW-2

Quant Time: Jun 11 15:28:53 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)

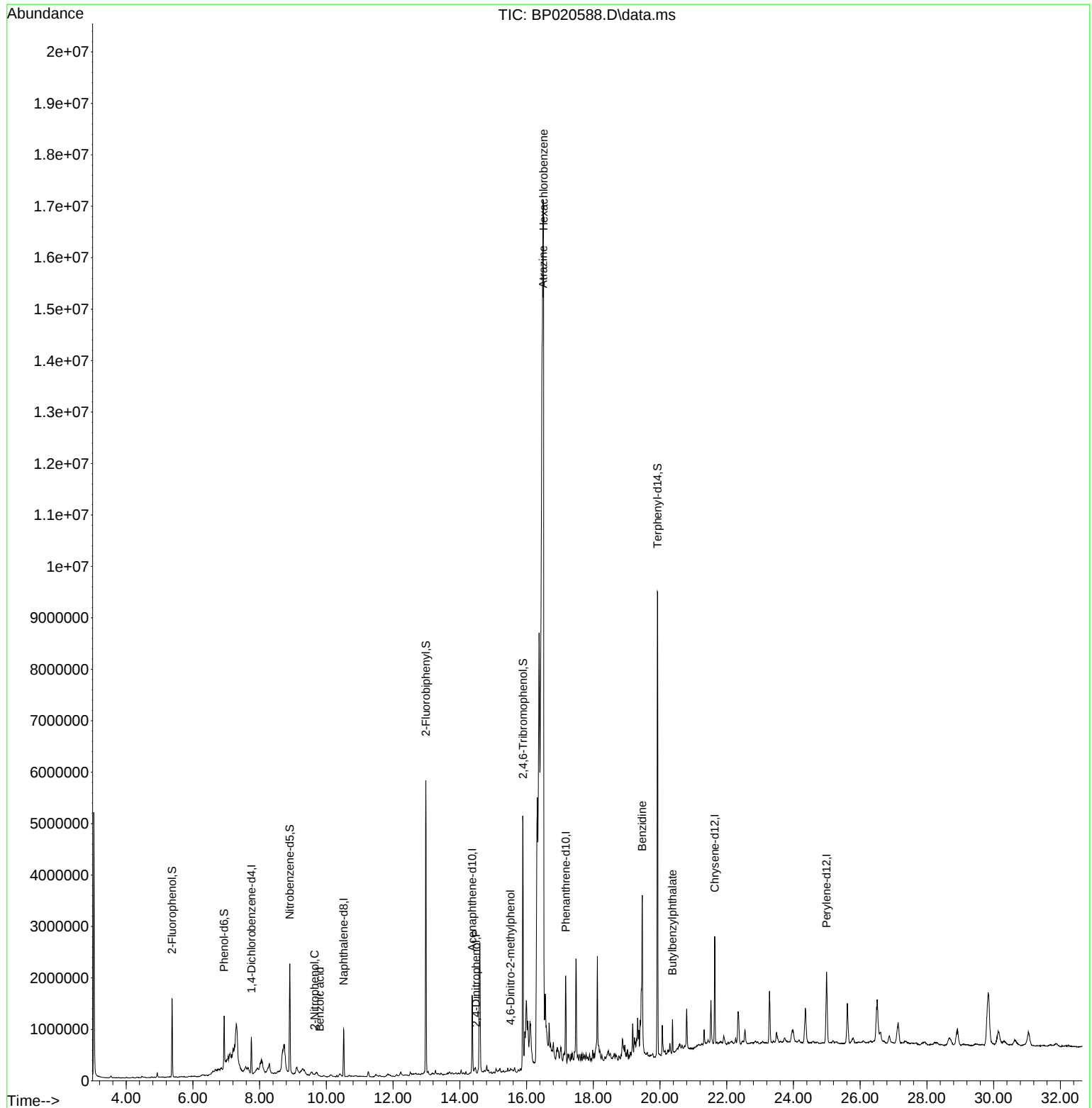
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	198510	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	774877	20.000	ng	-0.02
39) Acenaphthene-d10	14.369	164	514519	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1108224	20.000	ng	-0.03
76) Chrysene-d12	21.639	240	1174611	20.000	ng	-0.03
86) Perylene-d12	24.992	264	1384948	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	658745	59.415	ng	0.00
7) Phenol-d6	6.934	99	494412	31.621	ng	0.00
23) Nitrobenzene-d5	8.905	82	1238241	87.474	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1011178	189.369	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	2901002	84.051	ng	-0.02
79) Terphenyl-d14	19.928	244	5210641	73.848	ng	-0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.646	139	203	3.824	ng	# 1
32) Benzoic acid	9.799	122	2279	7.096	ng	# 75
54) 2,4-Dinitrophenol	14.487	184	574	5.187	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.516	198	397	7.721	ng	# 1
68) Hexachlorobenzene	16.510	284	1411689	105.795	ng	# 45
69) Atrazine	16.498	200	102959	9.605	ng	# 55
77) Benzidine	19.469	184	2601	6.025	ng	# 1
80) Butylbenzylphthalate	20.375	149	215122	8.171	ng	# 24

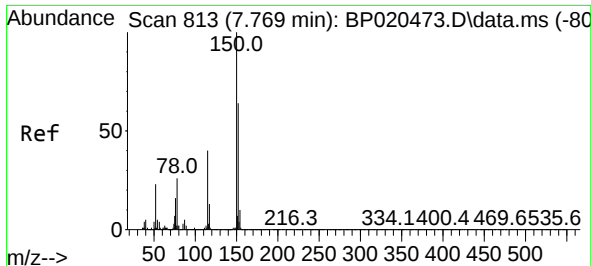
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
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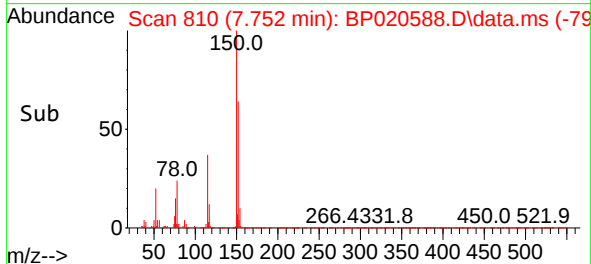
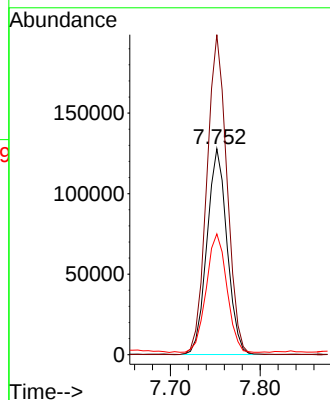
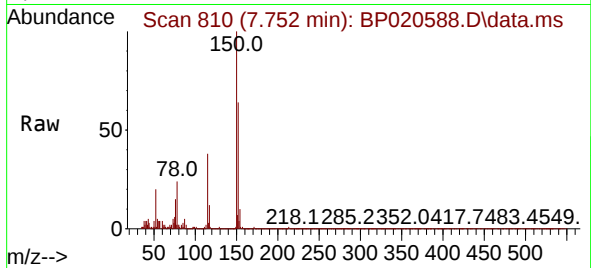




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

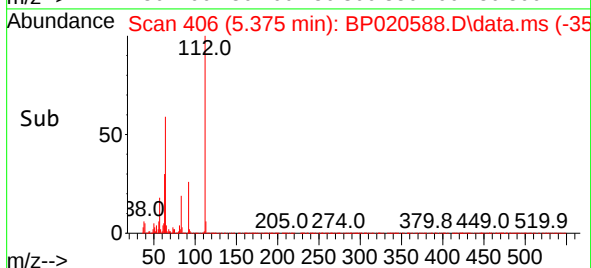
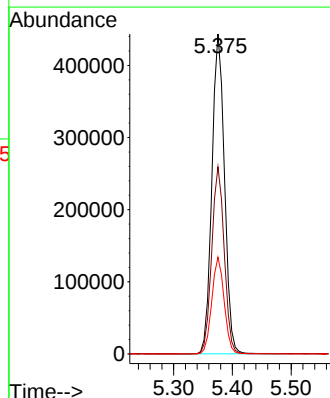
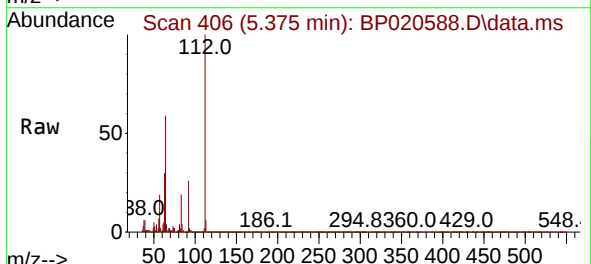
Instrument :
BNA_P
ClientSampleId :
PMW-2

Tgt Ion:152 Resp: 198510
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 58.7 49.5 74.3



#5
2-Fluorophenol
Concen: 59.415 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

Tgt Ion:112 Resp: 658745
Ion Ratio Lower Upper
112 100
64 58.5 50.1 75.1
63 30.2 25.7 38.5

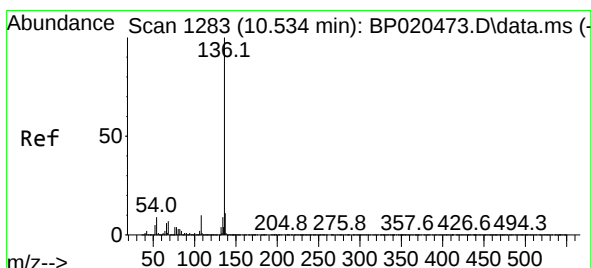
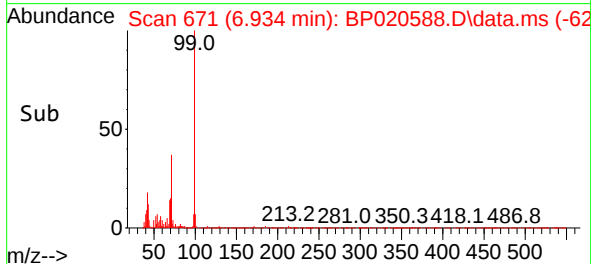
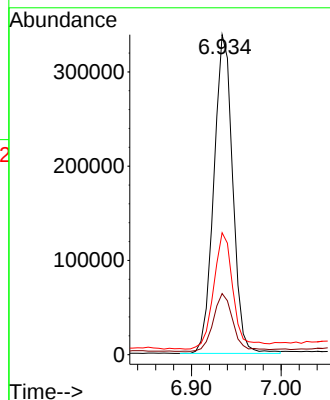
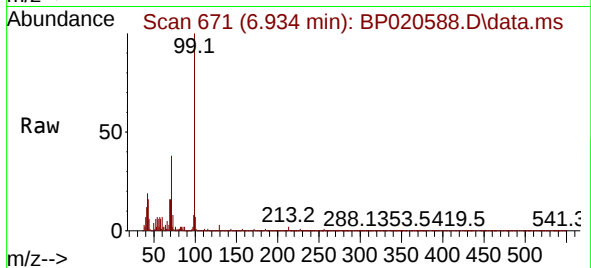




#7
Phenol-d6
Concen: 31.621 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

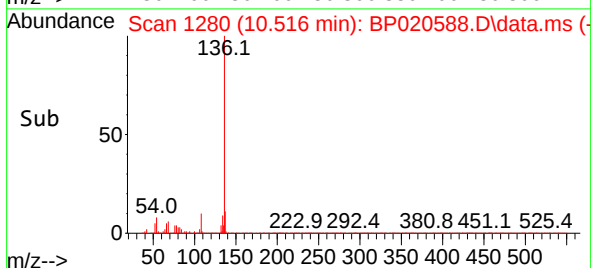
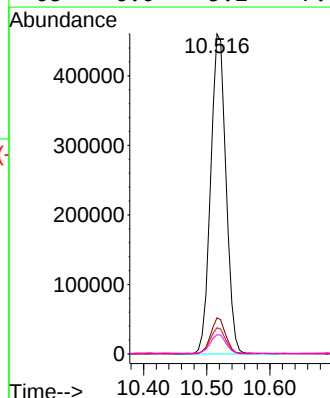
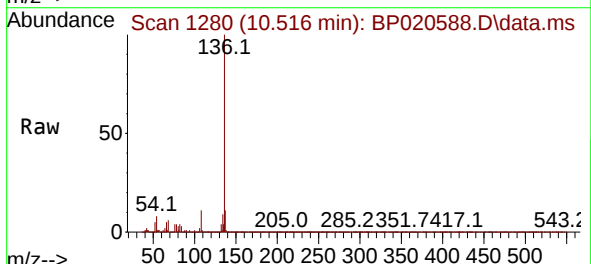
Instrument :
BNA_P
ClientSampleId :
PMW-2

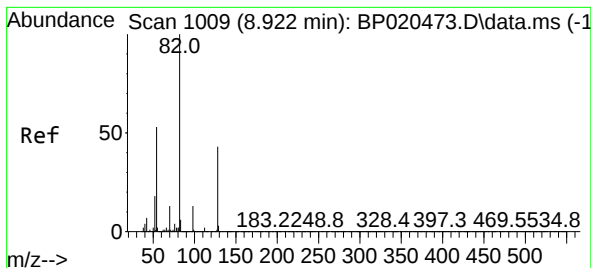
Tgt Ion:	99	Resp:	494412
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.0	22.4
71	38.1	27.3	40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

Tgt Ion:	136	Resp:	774877
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.2	7.4	11.0
68	6.0	5.2	7.8





#23

Nitrobenzene-d5

Concen: 87.474 ng

RT: 8.905 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP020588.D

Acq: 11 Jun 2024 14:59

Instrument :

BNA_P

ClientSampleId :

PMW-2

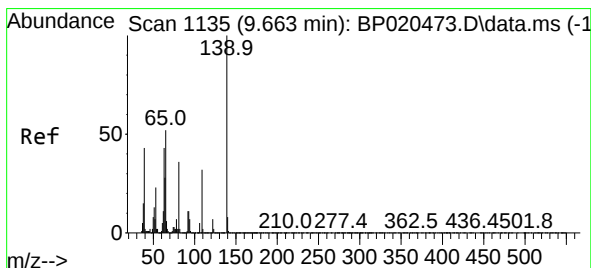
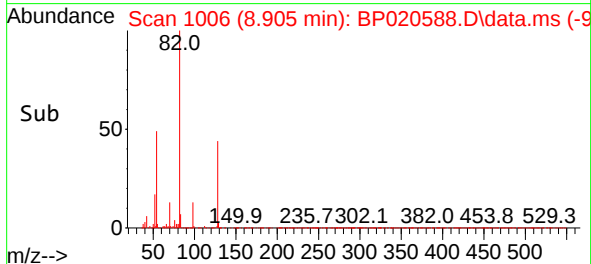
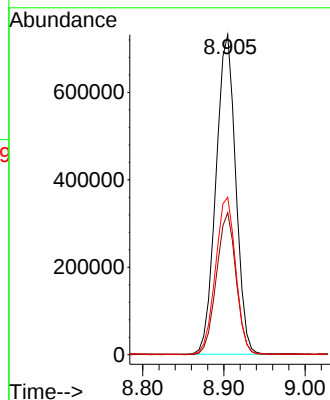
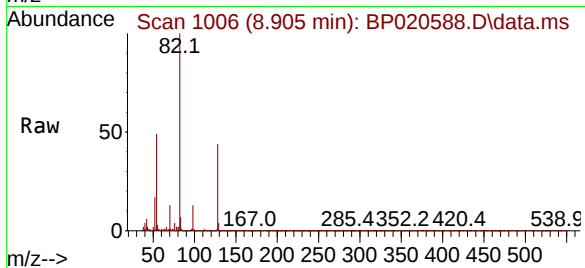
Tgt Ion: 82 Resp: 1238241

Ion Ratio Lower Upper

82 100

128 44.4 34.2 51.4

54 49.2 42.7 64.1



#26

2-Nitrophenol

Concen: 3.824 ng

RT: 9.646 min Scan# 1132

Delta R.T. -0.017 min

Lab File: BP020588.D

Acq: 11 Jun 2024 14:59

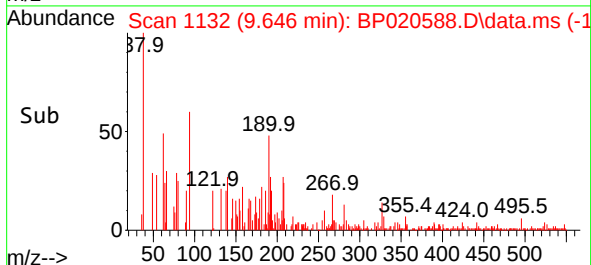
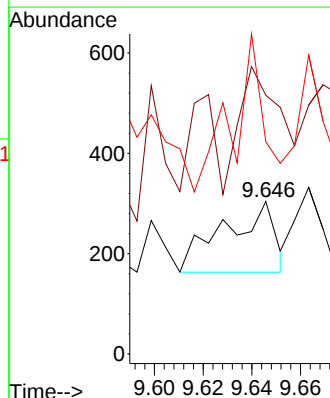
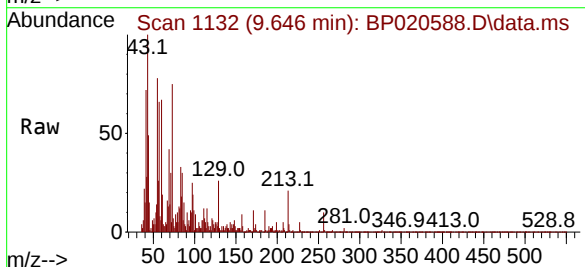
Tgt Ion:139 Resp: 203

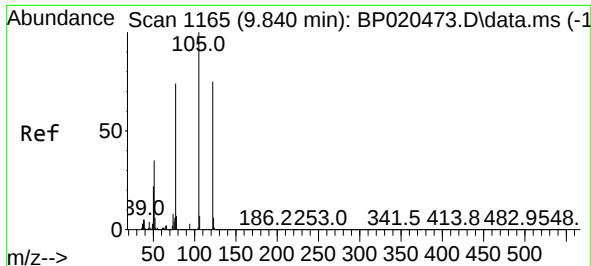
Ion Ratio Lower Upper

139 100

109 169.7 25.8 38.8#

65 139.1 41.8 62.8#

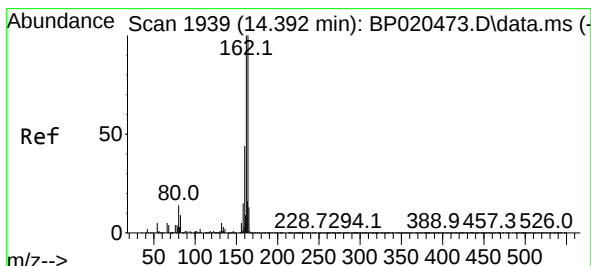
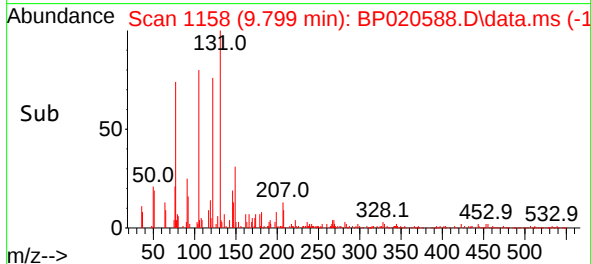
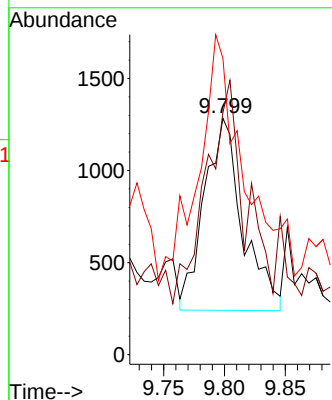
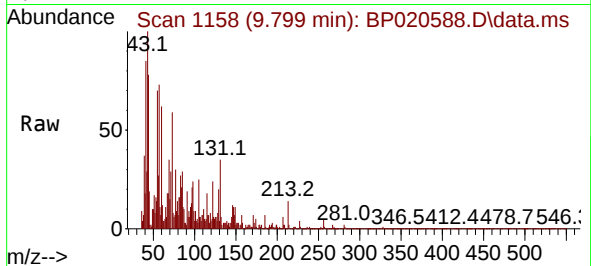




#32
Benzoic acid
Concen: 7.096 ng
RT: 9.799 min Scan# 1165
Delta R.T. -0.041 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

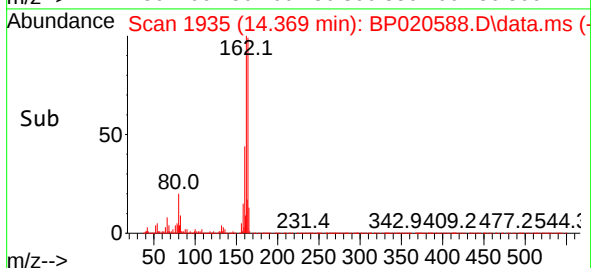
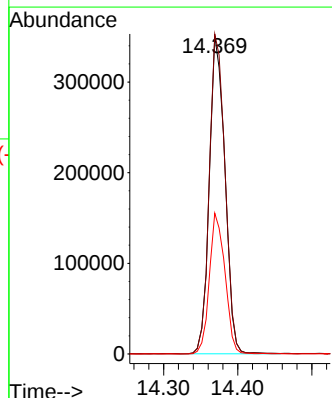
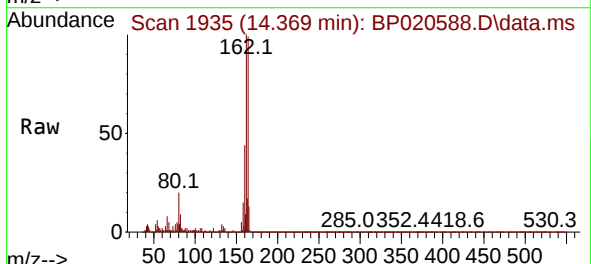
Instrument :
BNA_P
ClientSampleId :
PMW-2

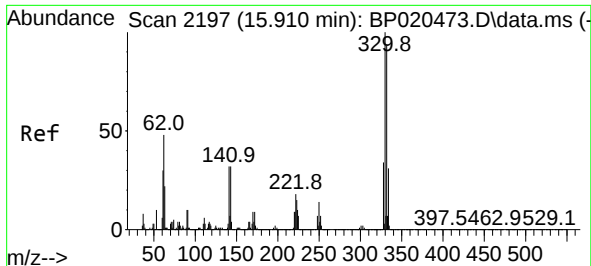
Tgt Ion:122 Resp: 2279
Ion Ratio Lower Upper
122 100
105 102.3 107.5 147.5#
77 125.3 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.023 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

Tgt Ion:164 Resp: 514519
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 44.2 35.4 53.2

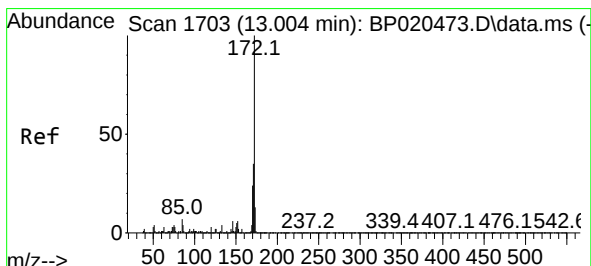
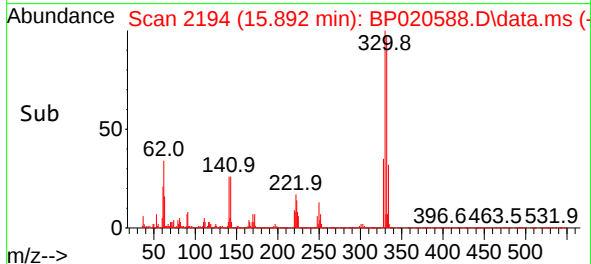
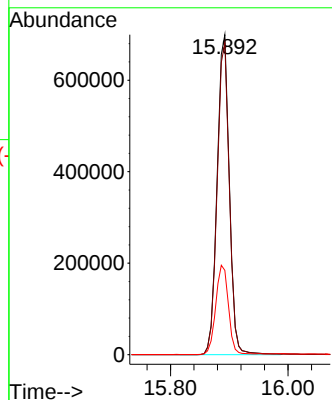
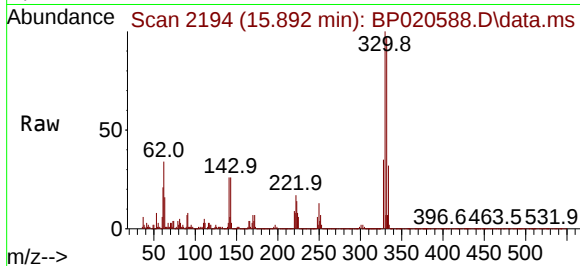




#42
2,4,6-Tribromophenol
Concen: 189.369 ng
RT: 15.892 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

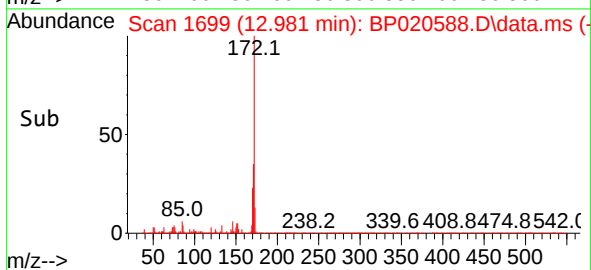
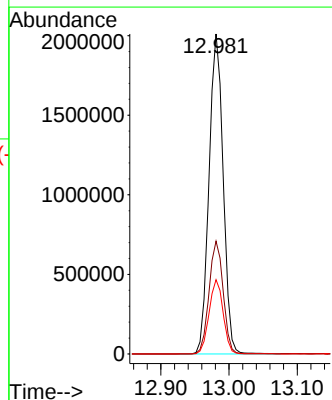
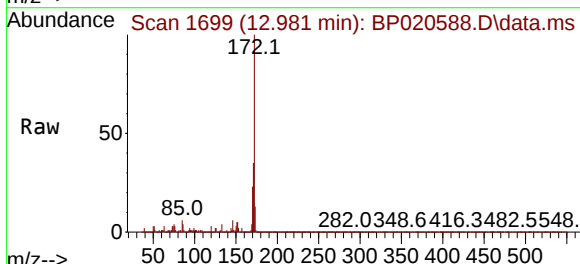
Instrument :
BNA_P
ClientSampleId :
PMW-2

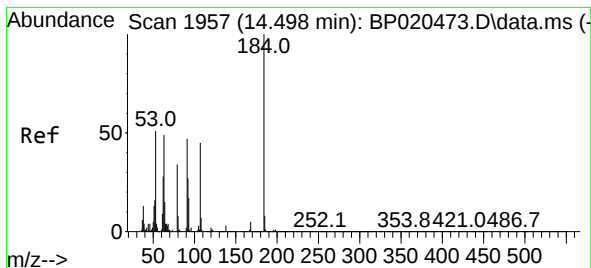
Tgt Ion:330 Resp: 1011178
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 29.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 84.051 ng
RT: 12.981 min Scan# 1699
Delta R.T. -0.023 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

Tgt Ion:172 Resp: 2901002
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.2 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 5.187 ng

RT: 14.487 min Scan# 1955

Delta R.T. -0.011 min

Lab File: BP020588.D

Acq: 11 Jun 2024 14:59

Instrument :

BNA_P

ClientSampleId :

PMW-2

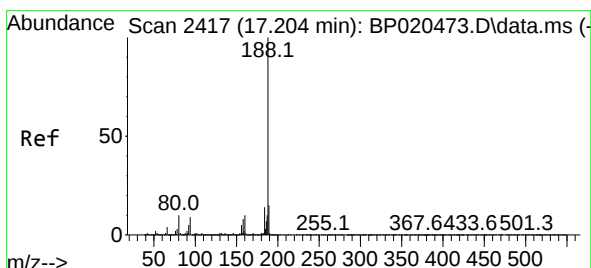
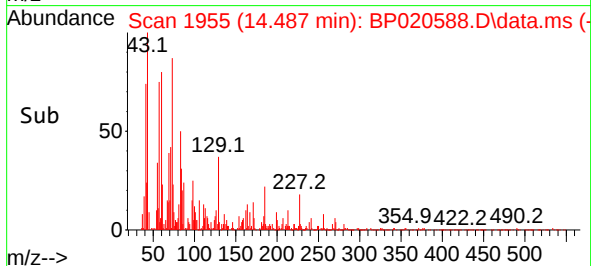
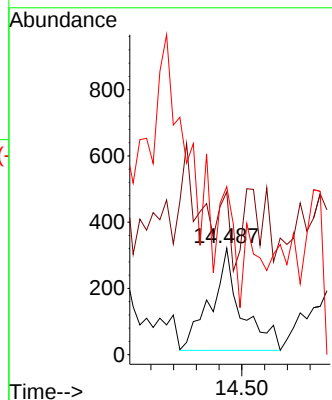
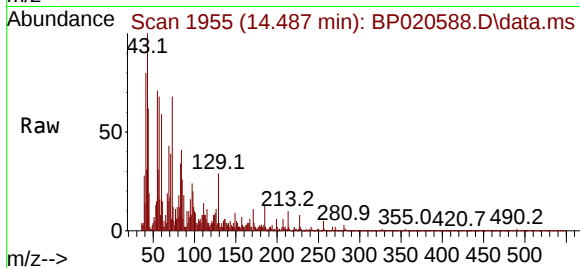
Tgt Ion:184 Resp: 574

Ion Ratio Lower Upper

184 100

63 153.0 54.2 81.4#

154 157.9 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2412

Delta R.T. -0.029 min

Lab File: BP020588.D

Acq: 11 Jun 2024 14:59

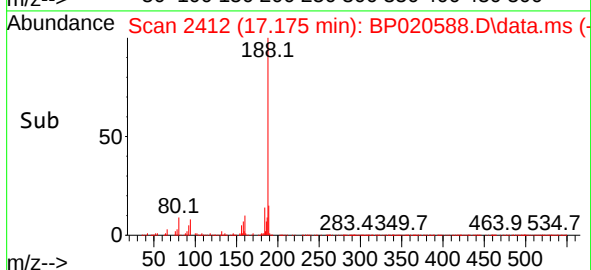
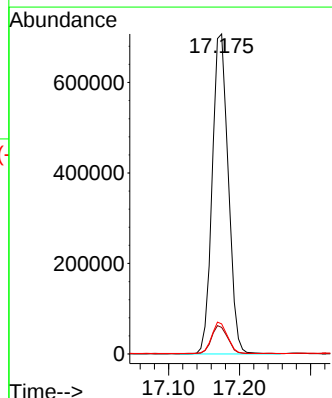
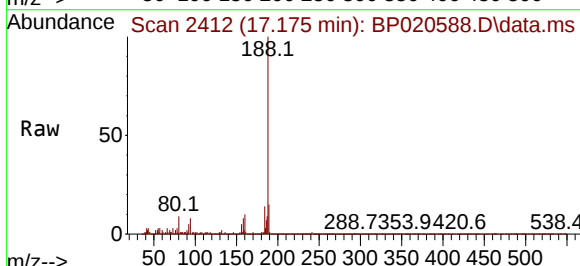
Tgt Ion:188 Resp: 1108224

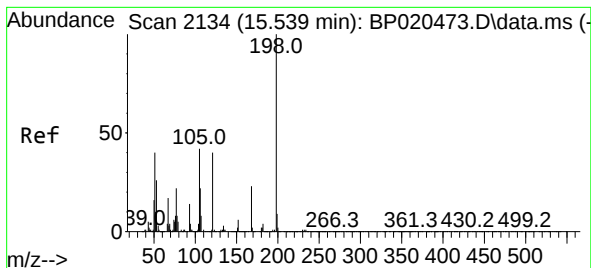
Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

80 9.4 8.1 12.1

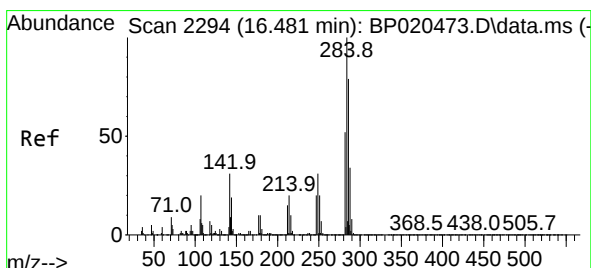
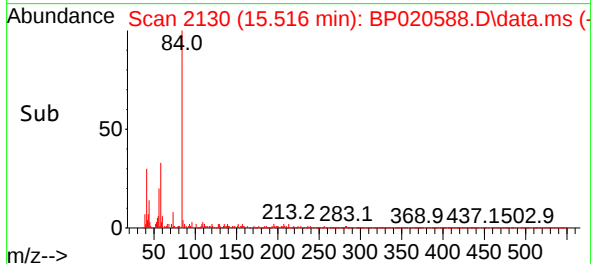
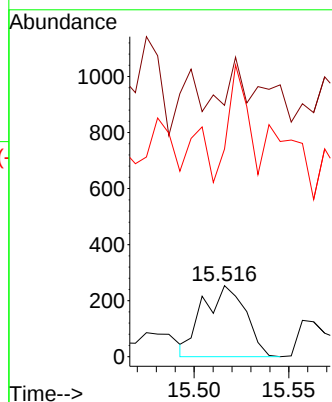
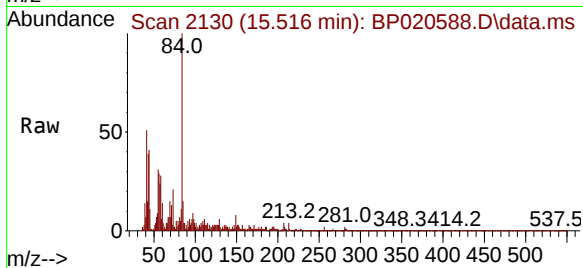




#65
4,6-Dinitro-2-methylphenol
Concen: 7.721 ng
RT: 15.516 min Scan# 2134
Delta R.T. -0.023 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

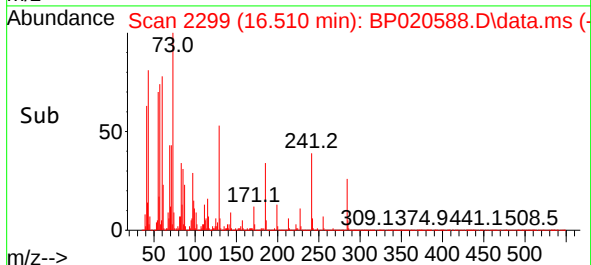
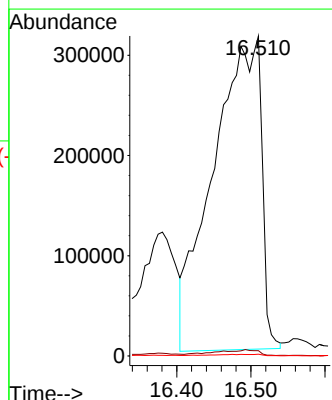
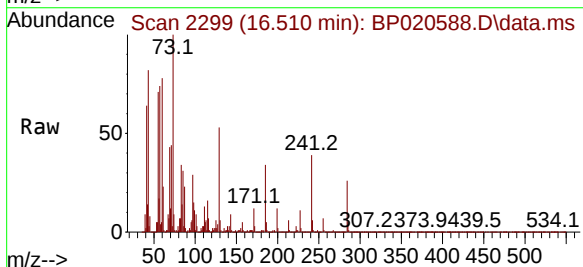
Instrument :
BNA_P
ClientSampleId :
PMW-2

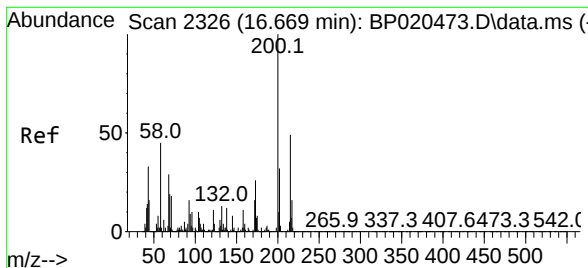
Tgt Ion:198 Resp: 397
Ion Ratio Lower Upper
198 100
51 353.1 24.8 64.8#
105 291.7 23.2 63.2#



#68
Hexachlorobenzene
Concen: 105.795 ng
RT: 16.510 min Scan# 2299
Delta R.T. 0.029 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

Tgt Ion:284 Resp: 1411689
Ion Ratio Lower Upper
284 100
142 1.6 24.5 36.7#
249 0.5 25.3 37.9#





#69

Atrazine

Concen: 9.605 ng

RT: 16.498 min Scan# 21

Delta R.T. -0.171 min

Lab File: BP020588.D

Acq: 11 Jun 2024 14:59

Instrument :

BNA_P

ClientSampleId :

PMW-2

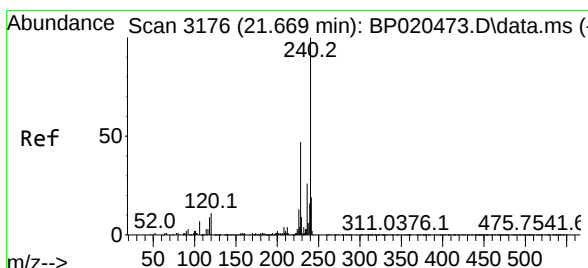
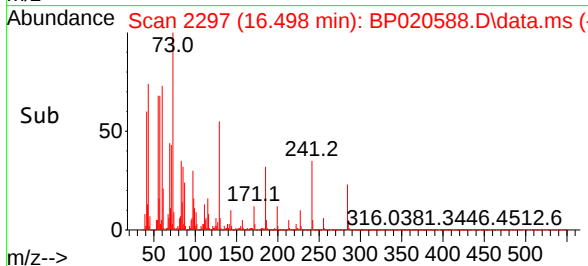
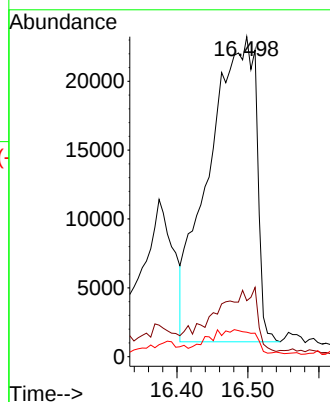
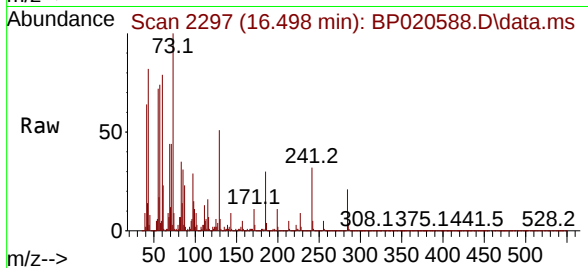
Tgt Ion:200 Resp: 102959

Ion Ratio Lower Upper

200 100

173 17.5 6.1 46.1

215 7.7 28.7 68.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 3171

Delta R.T. -0.029 min

Lab File: BP020588.D

Acq: 11 Jun 2024 14:59

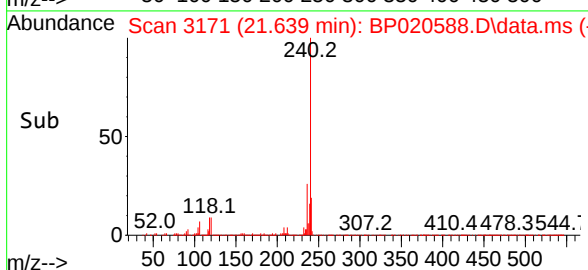
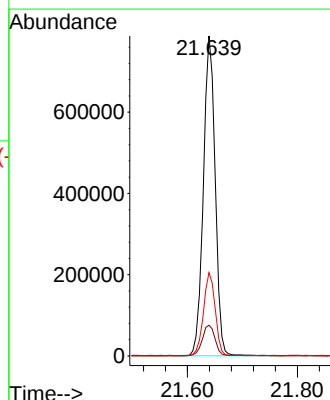
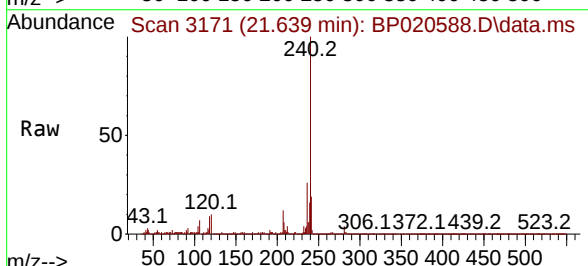
Tgt Ion:240 Resp: 1174611

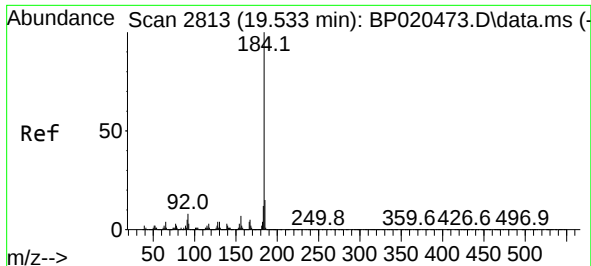
Ion Ratio Lower Upper

240 100

120 9.6 8.5 12.7

236 26.1 20.5 30.7

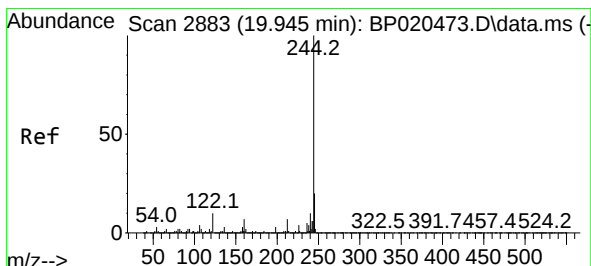
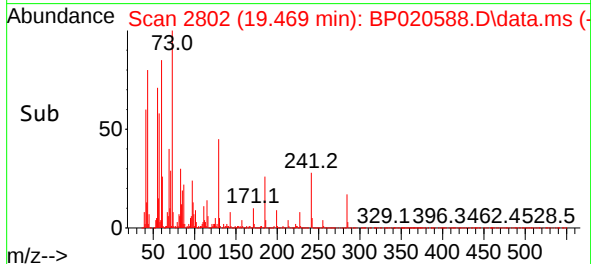
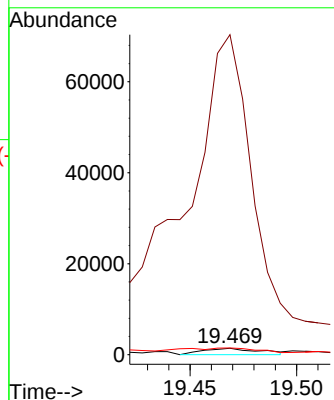
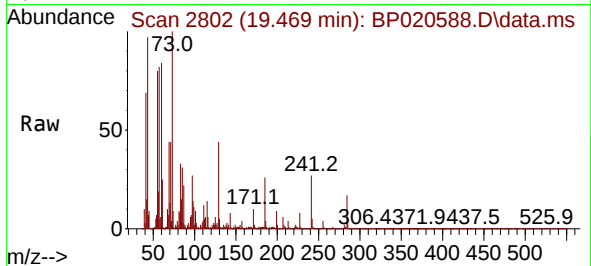




#77
Benzidine
Concen: 6.025 ng
RT: 19.469 min Scan# 21
Delta R.T. -0.064 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

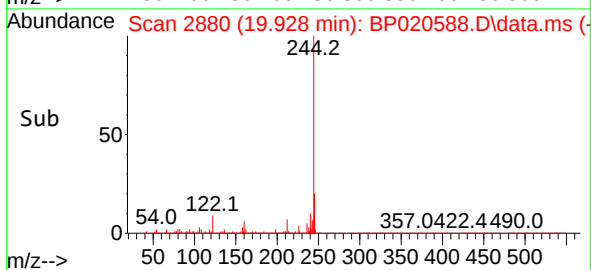
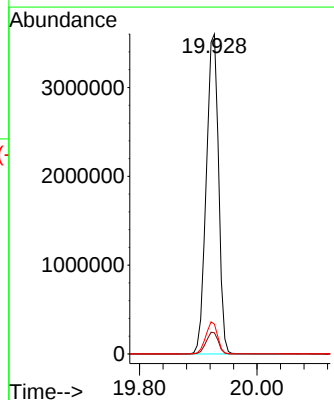
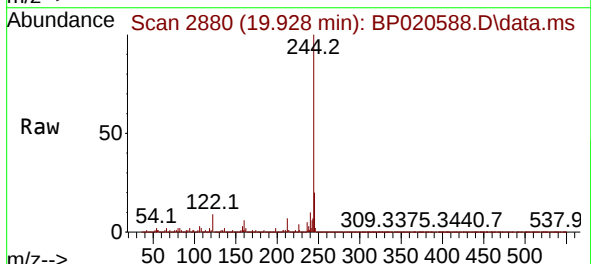
Instrument :
BNA_P
ClientSampleId :
PMW-2

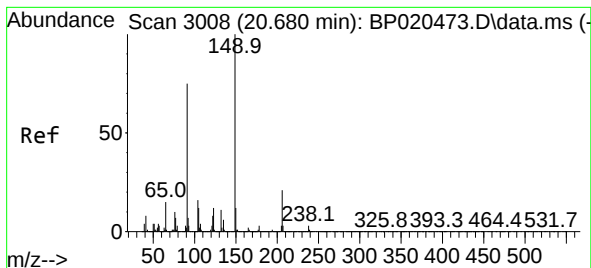
Tgt Ion:184 Resp: 2601
Ion Ratio Lower Upper
184 100
185 5014.4 12.0 18.0#
183 105.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 73.848 ng
RT: 19.928 min Scan# 2880
Delta R.T. -0.017 min
Lab File: BP020588.D
Acq: 11 Jun 2024 14:59

Tgt Ion:244 Resp: 5210641
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 9.3 8.2 12.2





#80

Butylbenzylphthalate

Concen: 8.171 ng

RT: 20.375 min Scan# 2956

Delta R.T. -0.305 min

Lab File: BP020588.D

Acq: 11 Jun 2024 14:59

Instrument :

BNA_P

ClientSampleId :

PMW-2

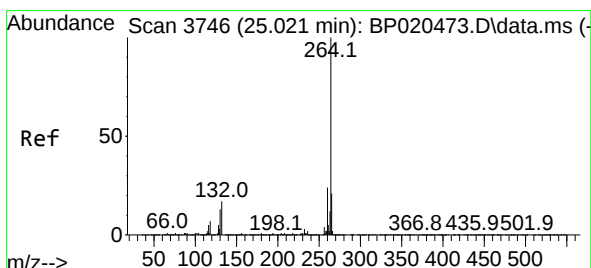
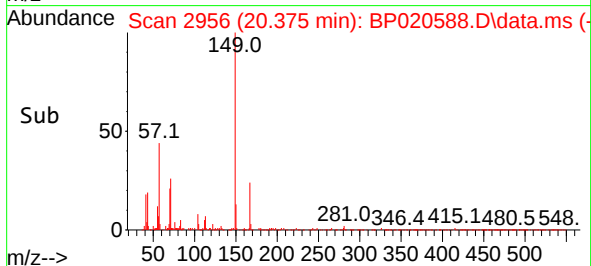
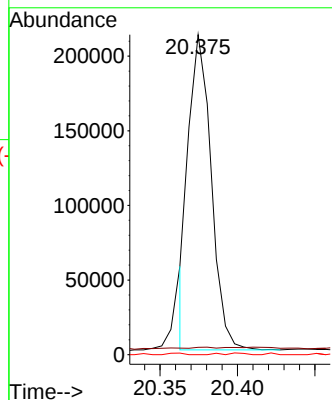
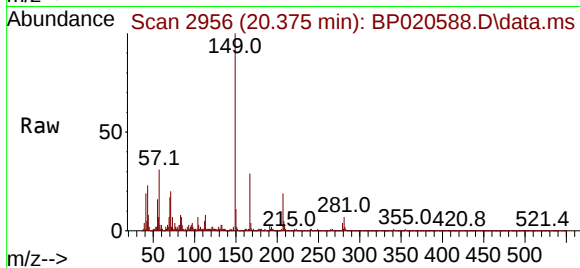
Tgt Ion:149 Resp: 215122

Ion Ratio Lower Upper

149 100

91 2.3 60.0 90.0#

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.992 min Scan# 3741

Delta R.T. -0.029 min

Lab File: BP020588.D

Acq: 11 Jun 2024 14:59

Tgt Ion:264 Resp: 1384948

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.5 17.4 26.0

