

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
 Data File : BP020559.D
 Acq On : 07 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2707-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-01

Quant Time: Jun 07 14:53:33 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)

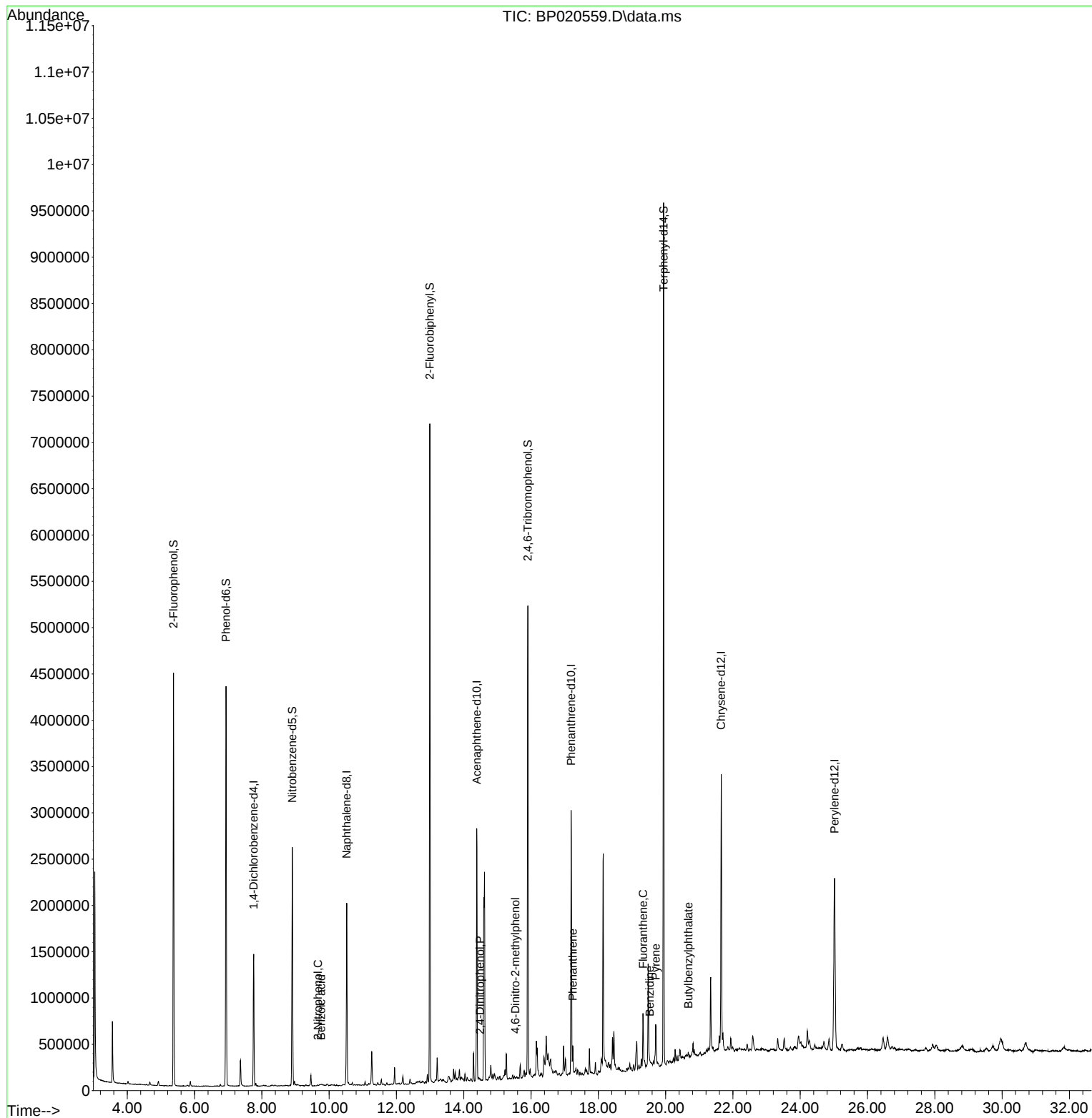
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	393844	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	1515601	20.000	ng	-0.01
39) Acenaphthene-d10	14.387	164	924585	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1835049	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1705990	20.000	ng	-0.02
86) Perylene-d12	25.021	264	2022535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1912555	86.947	ng	0.00
7) Phenol-d6	6.934	99	2446032	78.850	ng	0.00
23) Nitrobenzene-d5	8.905	82	1511419	54.589	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	1054943	109.943	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3383957	54.560	ng	-0.01
79) Terphenyl-d14	19.939	244	5101935	49.785	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.663	139	36	3.794	ng	# 1
32) Benzoic acid	9.757	122	6046	7.184	ng	90
54) 2,4-Dinitrophenol	14.487	184	122	4.999	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	88	7.662	ng	# 1
71) Phenanthrene	17.239	178	189964	2.106	ng	99
75) Fluoranthene	19.328	202	316408	2.965	ng	98
77) Benzidine	19.533	184	151	5.973	ng	# 1
78) Pyrene	19.704	202	266377	2.076	ng	99
80) Butylbenzylphthalate	20.675	149	12999	2.670	ng	96

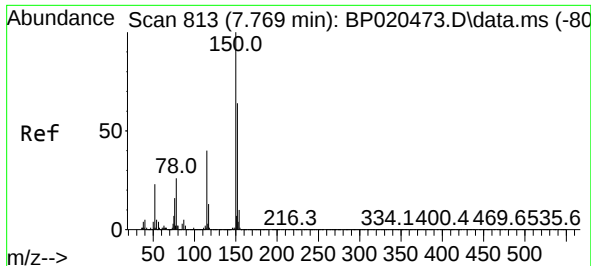
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
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ALS Vial : 7 Sample Multiplier: 1

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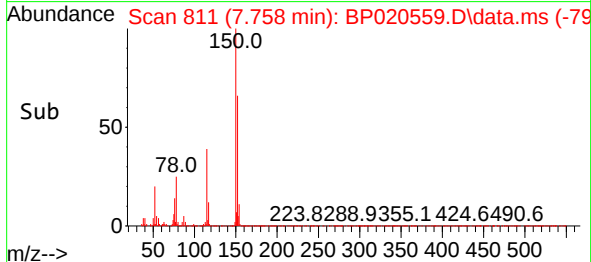
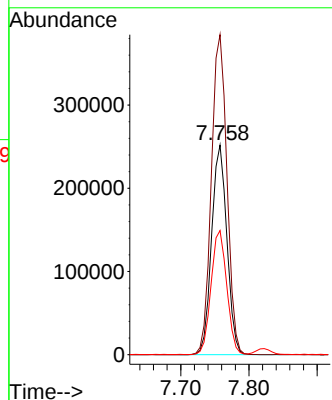
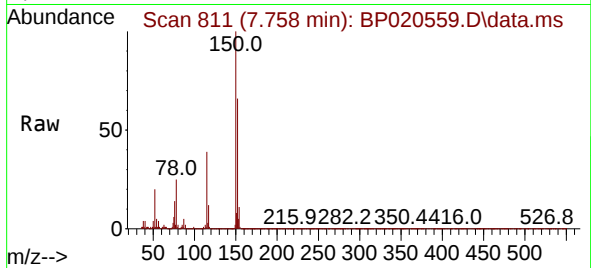




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 813
Delta R.T. -0.011 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

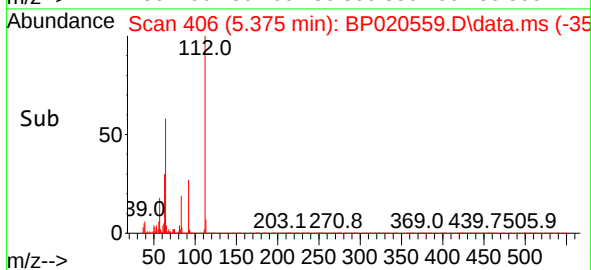
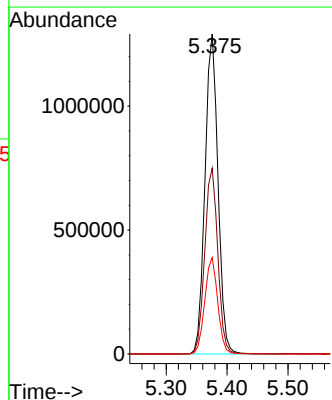
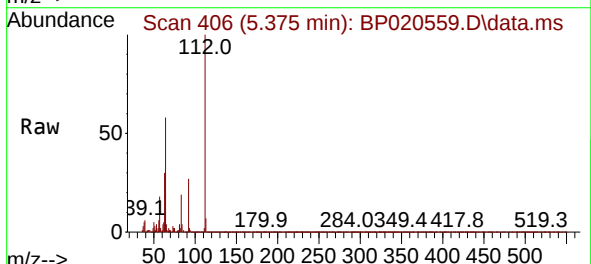
Instrument :
BNA_P
ClientSampleId :
B-01

Tgt Ion:152 Resp: 393844
Ion Ratio Lower Upper
152 100
150 152.6 124.2 186.2
115 59.2 49.5 74.3



#5
2-Fluorophenol
Concen: 86.947 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:112 Resp: 1912555
Ion Ratio Lower Upper
112 100
64 58.1 50.1 75.1
63 30.1 25.7 38.5



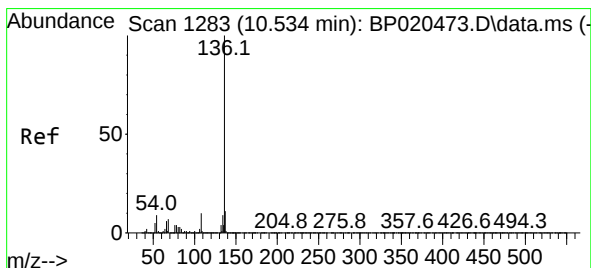
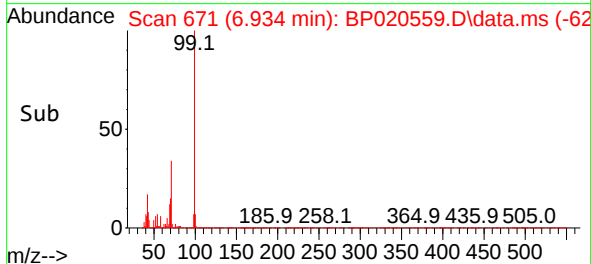
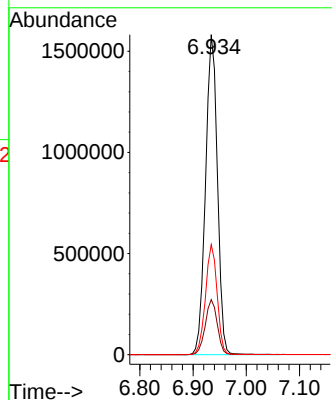
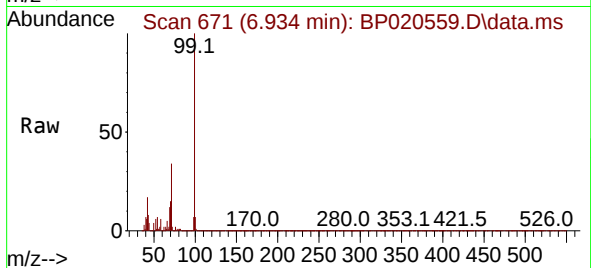


#7
Phenol-d6
Concen: 78.850 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Instrument :
BNA_P
ClientSampleId :
B-01

Tgt Ion: 99 Resp: 2446032

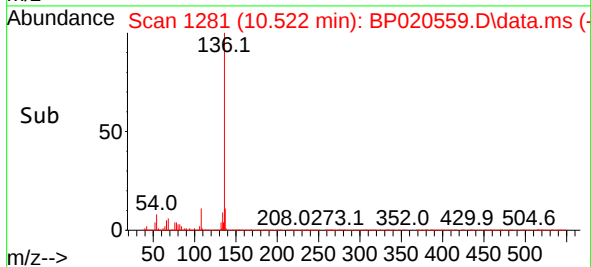
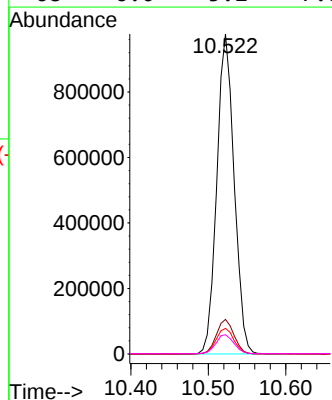
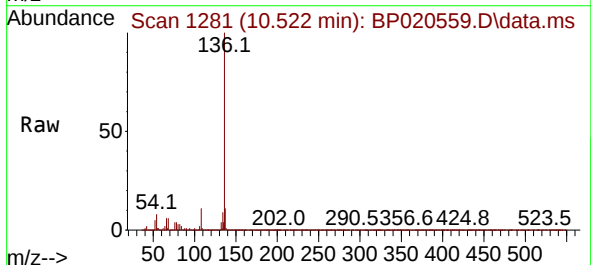
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	34.4	27.3	40.9

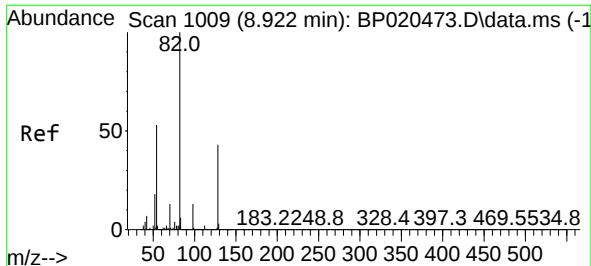


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion: 136 Resp: 1515601

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.4	11.0
68	6.0	5.2	7.8

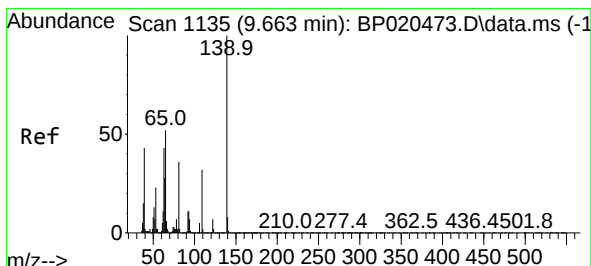
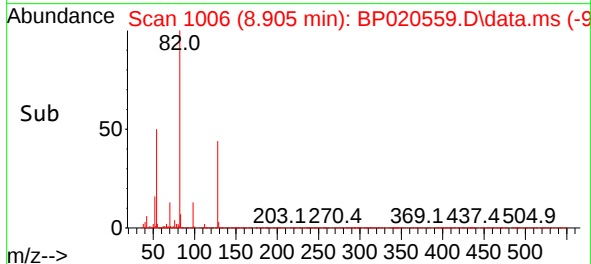
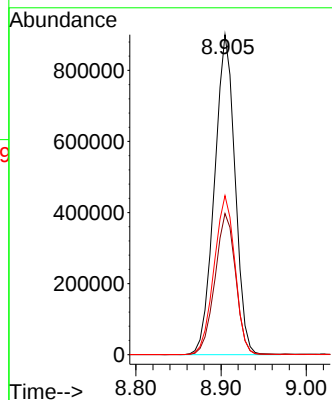
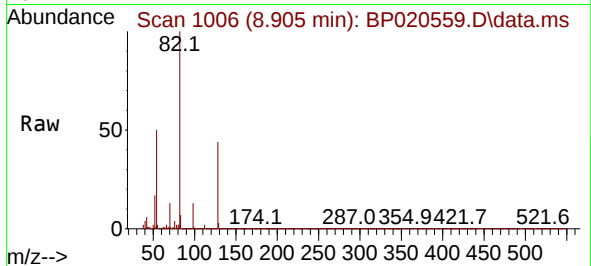




#23
Nitrobenzene-d5
Concen: 54.589 ng
RT: 8.905 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

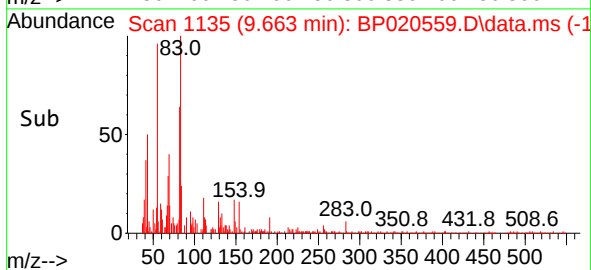
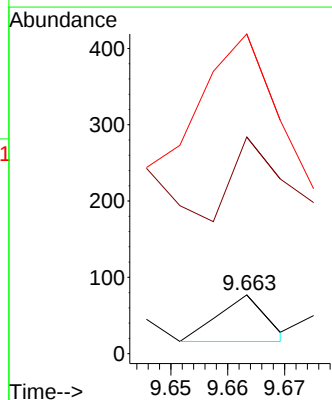
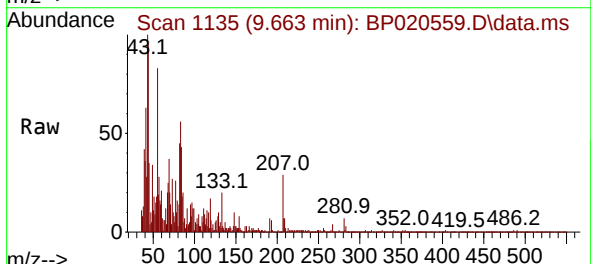
Instrument :
BNA_P
ClientSampleId :
B-01

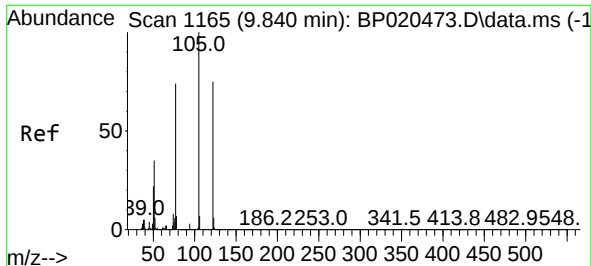
Tgt Ion: 82 Resp: 1511419
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 49.7 42.7 64.1



#26
2-Nitrophenol
Concen: 3.794 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:139 Resp: 36
Ion Ratio Lower Upper
139 100
109 368.8 25.8 38.8#
65 544.2 41.8 62.8#

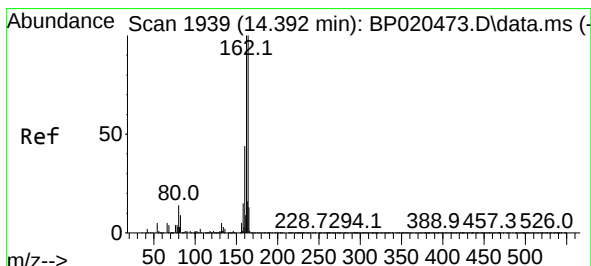
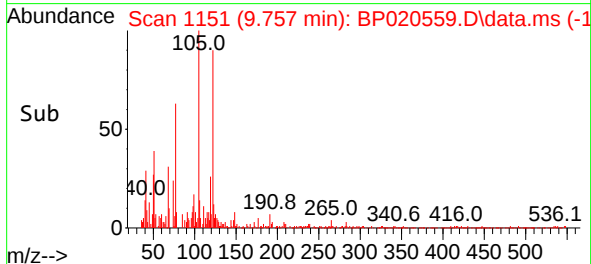
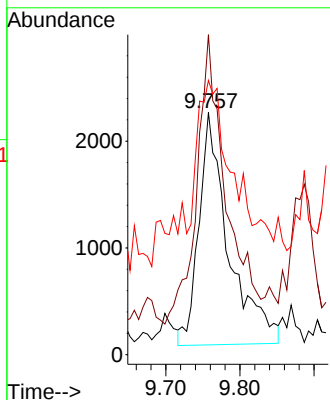
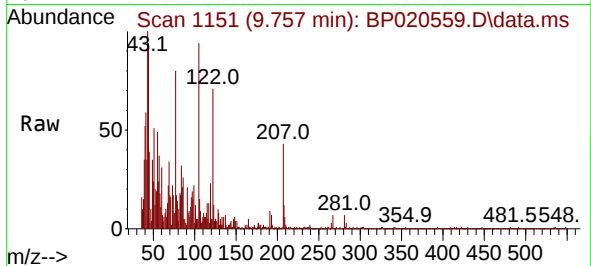




#32
Benzoic acid
Concen: 7.184 ng
RT: 9.757 min Scan# 1165
Delta R.T. -0.083 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

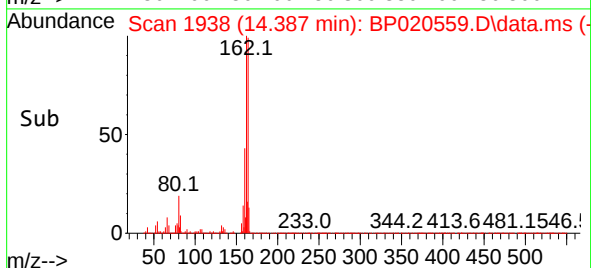
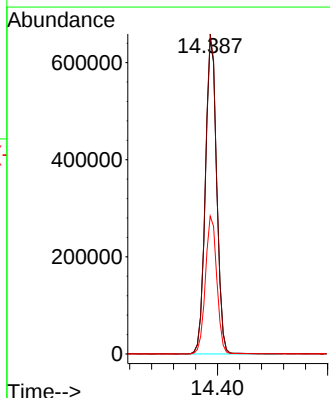
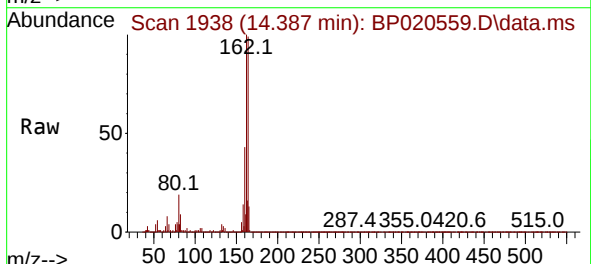
Instrument :
BNA_P
ClientSampleId :
B-01

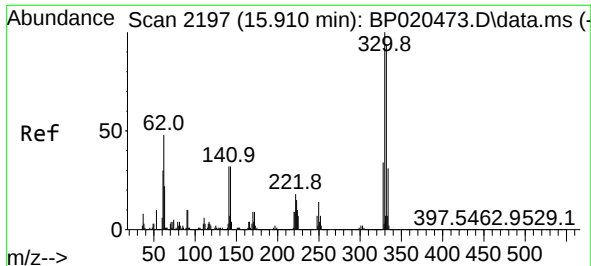
Tgt Ion:122 Resp: 6046
Ion Ratio Lower Upper
122 100
105 132.1 107.5 147.5
77 113.2 76.1 116.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:164 Resp: 924585
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 43.7 35.4 53.2

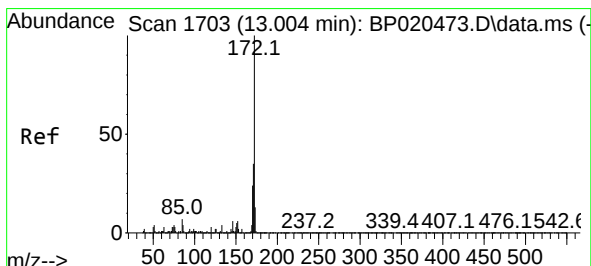
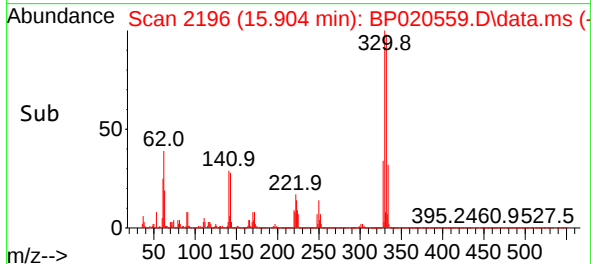
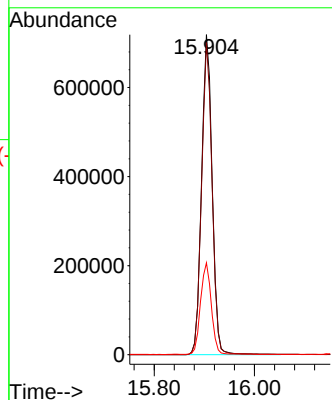
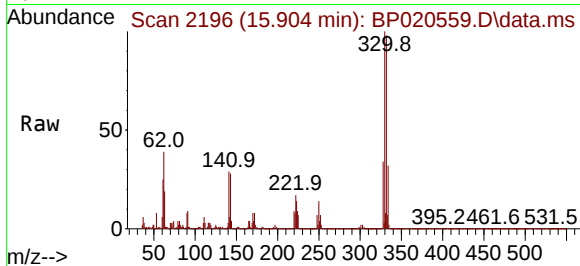




#42
2,4,6-Tribromophenol
Concen: 109.943 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

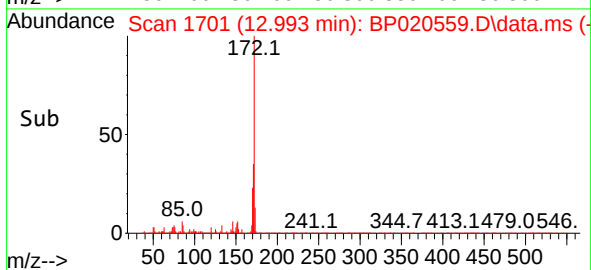
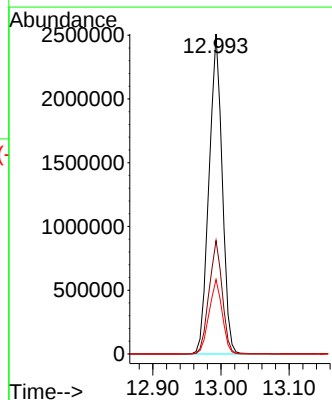
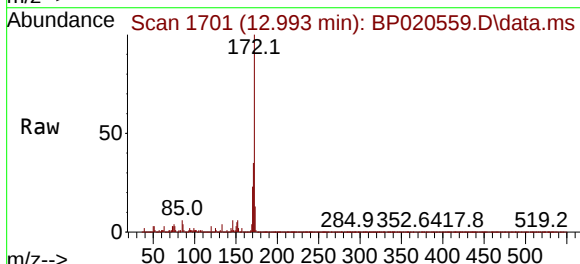
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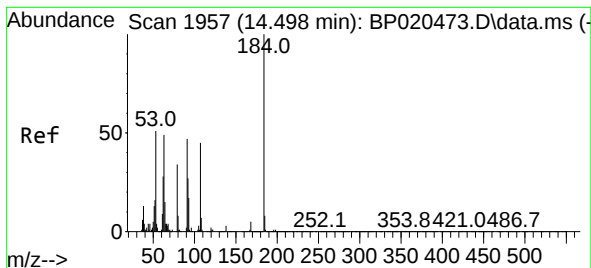
Tgt Ion:330 Resp: 1054943
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 29.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 54.560 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:172 Resp: 3383957
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.2 18.9 28.3

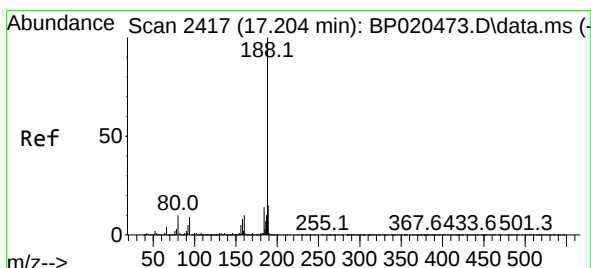
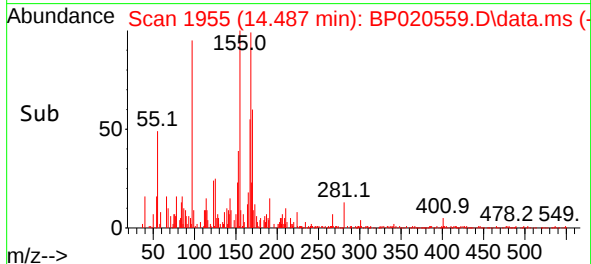
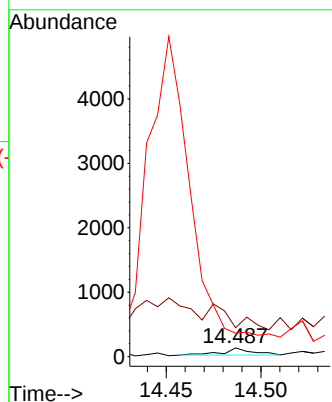
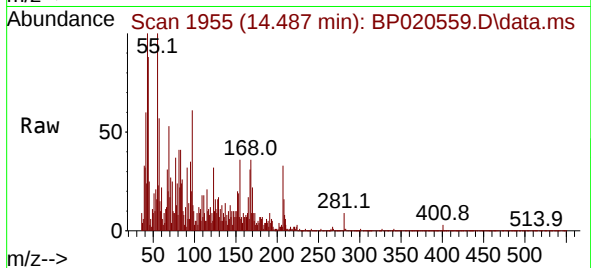




#54
2,4-Dinitrophenol
Concen: 4.999 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

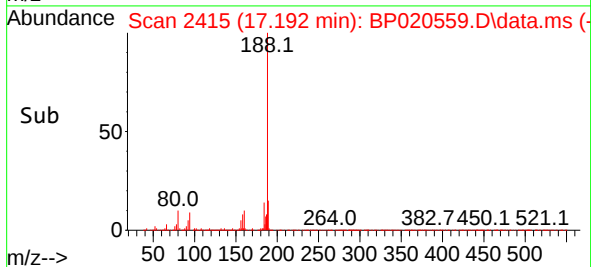
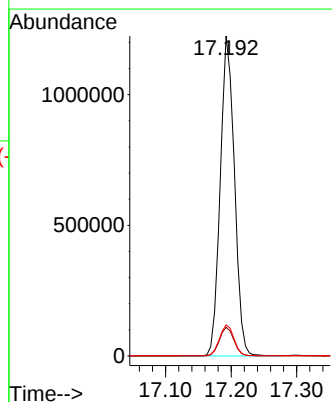
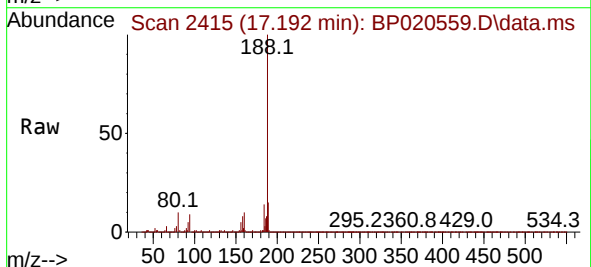
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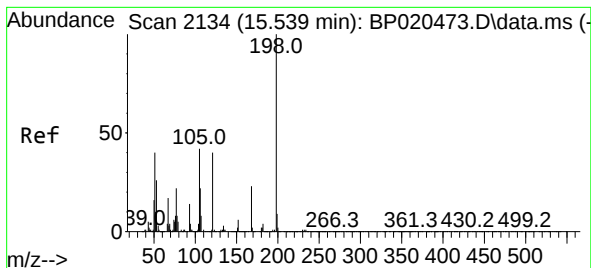
Tgt Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 330.9 54.2 81.4#
154 269.1 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:188 Resp: 1835049
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.7 8.1 12.1

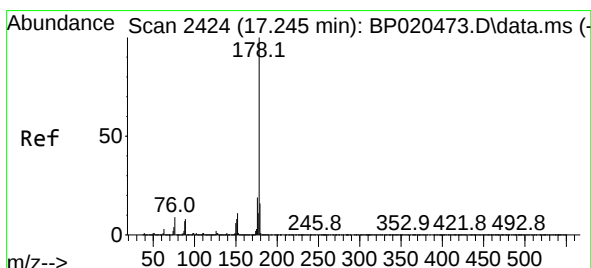
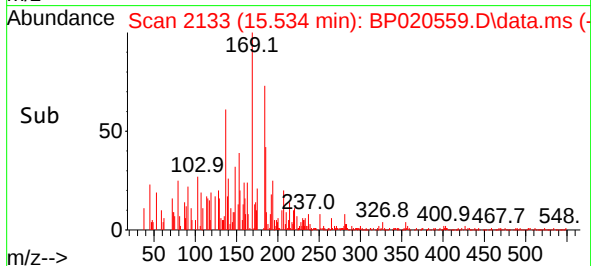
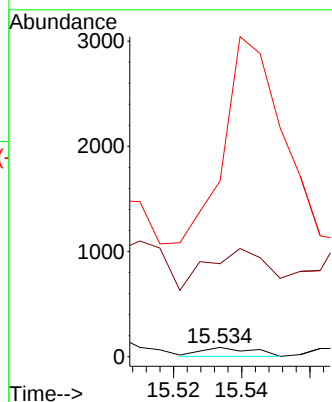
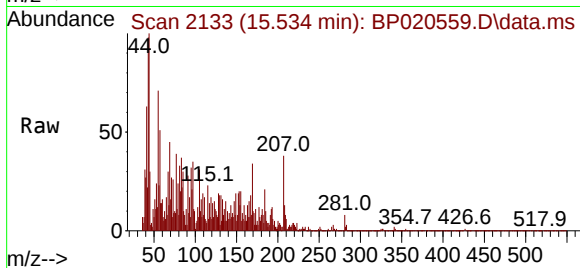




#65
4,6-Dinitro-2-methylphenol
Concen: 7.662 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

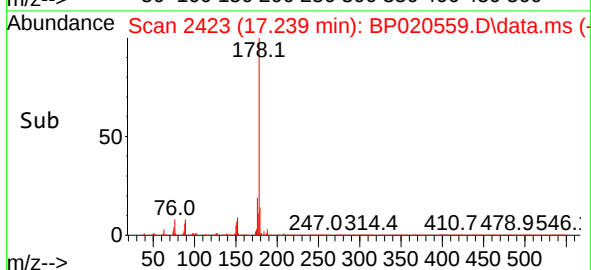
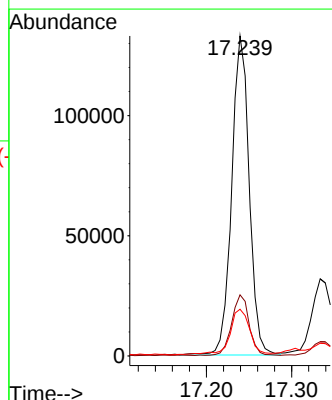
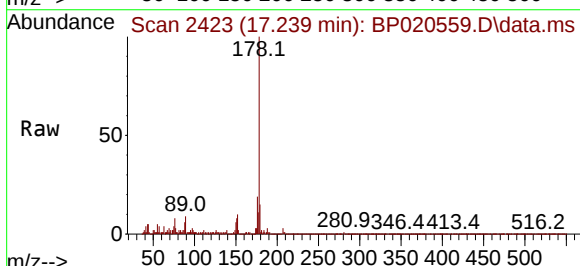
Instrument :
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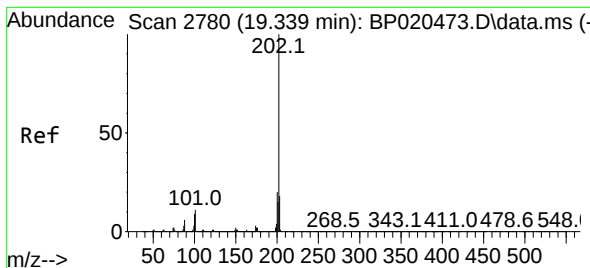
Tgt Ion:198 Resp: 88
Ion Ratio Lower Upper
198 100
51 1004.5 24.8 64.8#
105 1897.7 23.2 63.2#



#71
Phenanthrene
Concen: 2.106 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:178 Resp: 189964
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 14.6 12.5 18.7





#75

Fluoranthene

Concen: 2.965 ng

RT: 19.328 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

Instrument :

BNA_P

ClientSampleId :

B-01

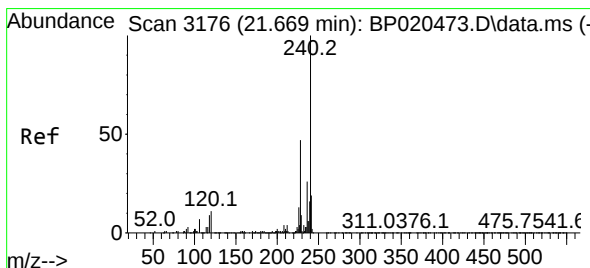
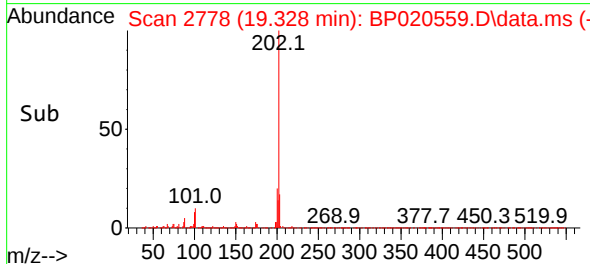
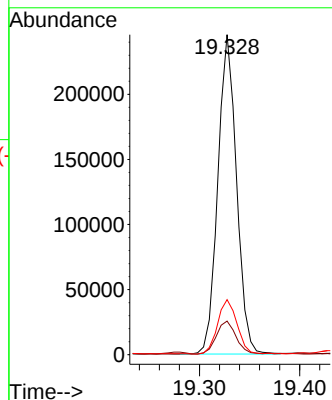
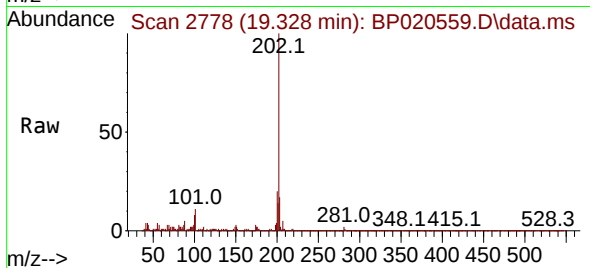
Tgt Ion:202 Resp: 316408

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

203 17.2 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 3173

Delta R.T. -0.018 min

Lab File: BP020559.D

Acq: 07 Jun 2024 14:01

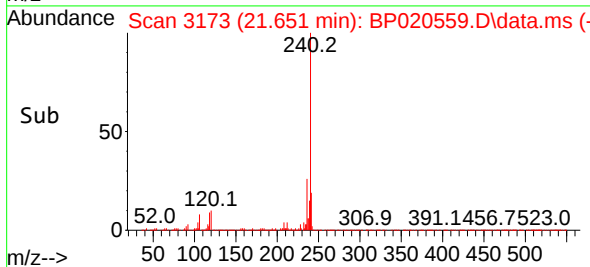
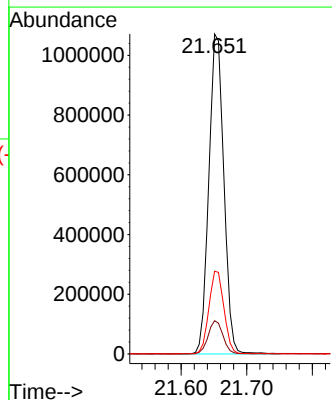
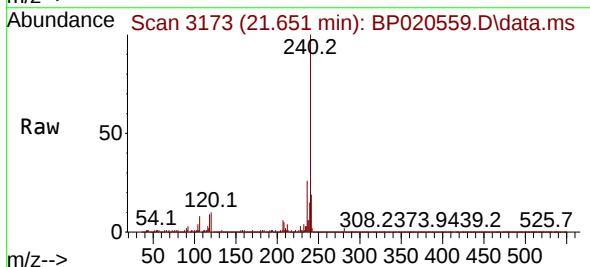
Tgt Ion:240 Resp: 1705990

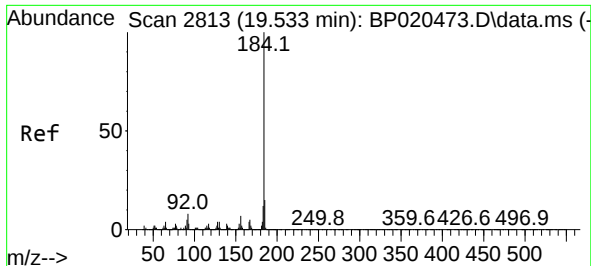
Ion Ratio Lower Upper

240 100

120 10.4 8.5 12.7

236 25.9 20.5 30.7

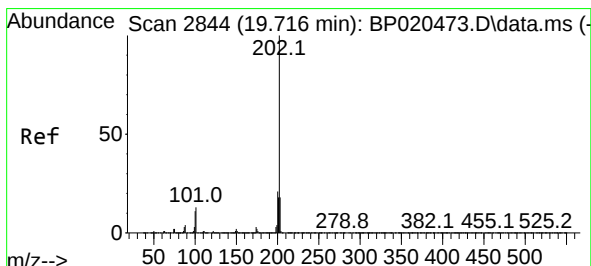
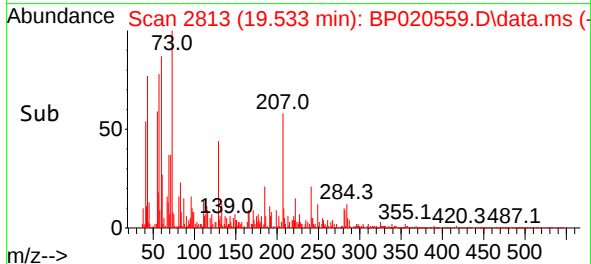
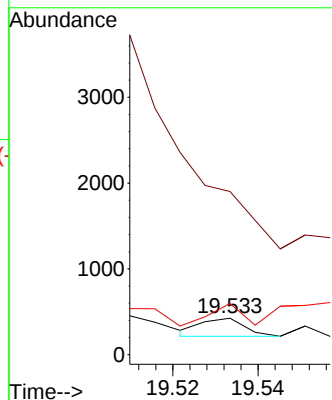
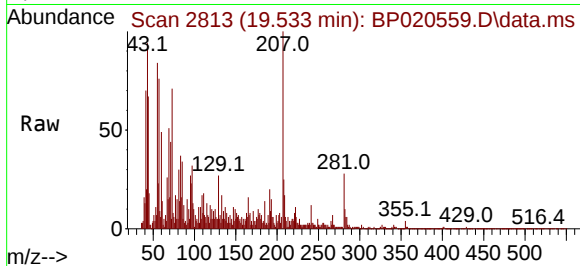




#77
Benzidine
Concen: 5.973 ng
RT: 19.533 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

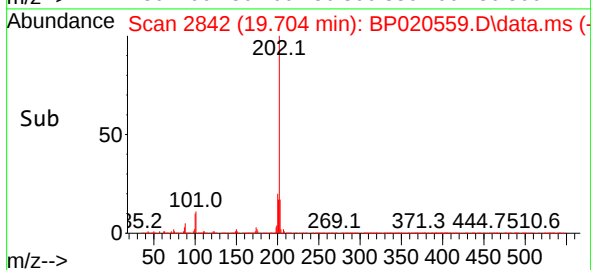
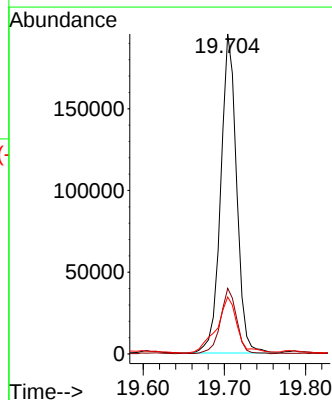
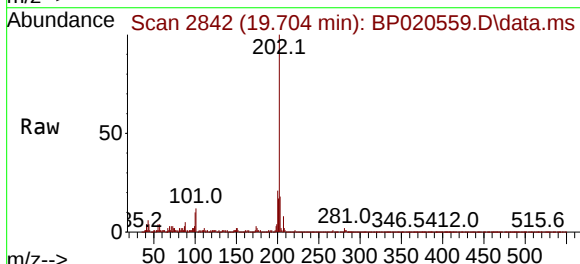
Instrument :
BNA_P
ClientSampleId :
B-01

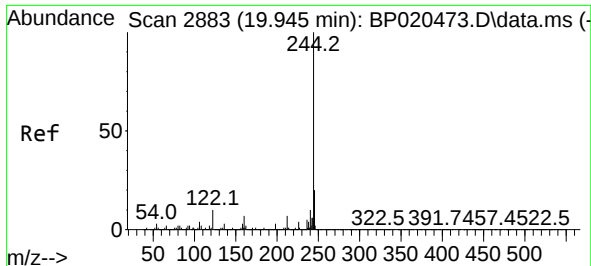
Tgt Ion:184 Resp: 151
Ion Ratio Lower Upper
184 100
185 447.8 12.0 18.0#
183 140.2 9.4 14.0#



#78
Pyrene
Concen: 2.076 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP020559.D
Acq: 07 Jun 2024 14:01

Tgt Ion:202 Resp: 266377
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.8 14.1 21.1

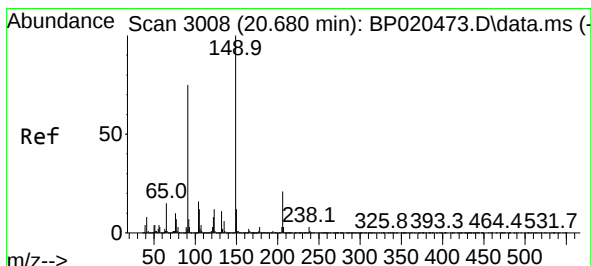
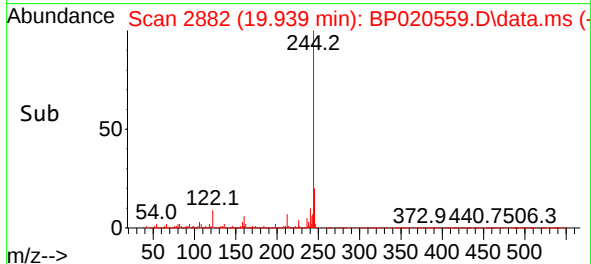
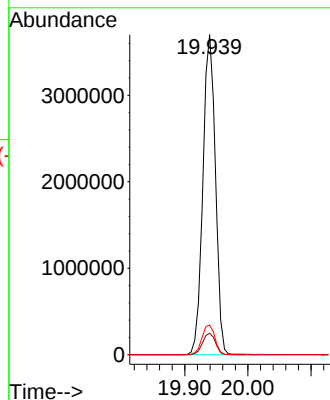
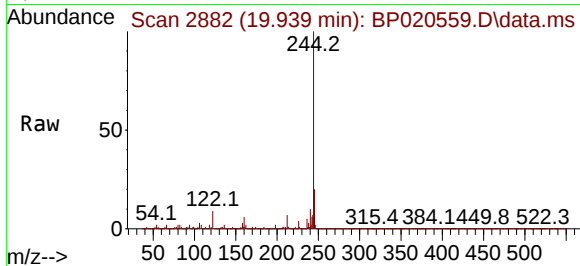




#79
 Terphenyl-d14
 Concen: 49.785 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP020559.D
 Acq: 07 Jun 2024 14:01

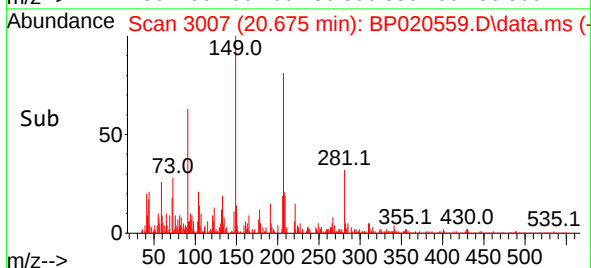
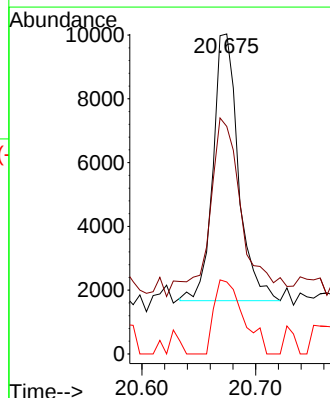
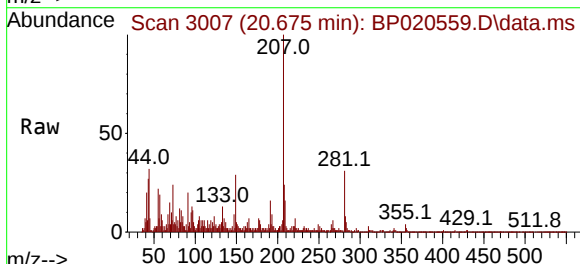
Instrument :
 BNA_P
 ClientSampleId :
 B-01

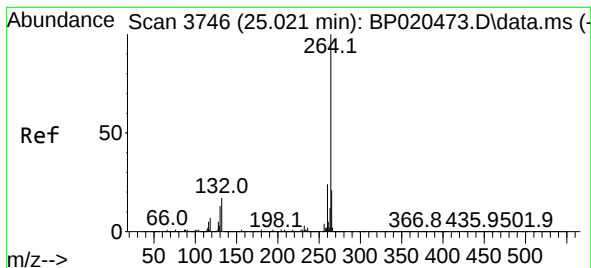
Tgt Ion:244 Resp: 5101935
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 9.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.670 ng
 RT: 20.675 min Scan# 3007
 Delta R.T. -0.005 min
 Lab File: BP020559.D
 Acq: 07 Jun 2024 14:01

Tgt Ion:149 Resp: 12999
 Ion Ratio Lower Upper
 149 100
 91 71.1 60.0 90.0
 206 22.5 16.6 25.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP020559.D

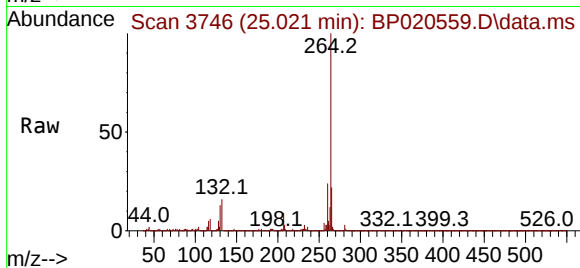
Acq: 07 Jun 2024 14:01

Instrument :

BNA_P

ClientSampleId :

B-01



Tgt Ion:264 Resp: 2022535

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.6 17.4 26.0

