

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020499.D
 Acq On : 04 Jun 2024 16:44
 Operator : MA/JU
 Sample : P2687-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11998

Quant Time: Jun 04 17:24:47 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)

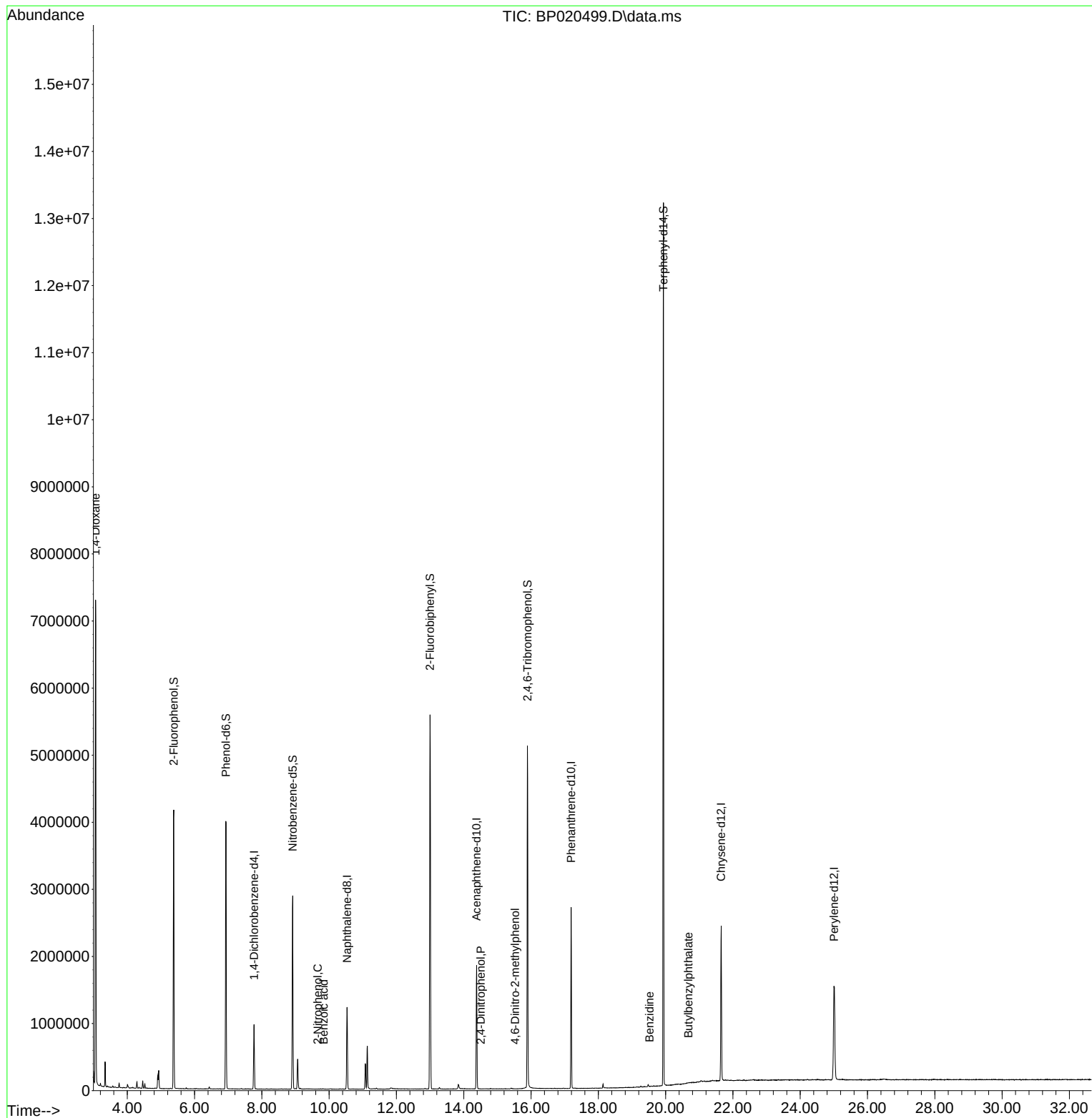
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	267600	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1037480	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	656828	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1443895	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1352829	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1475279	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1758574	117.662	ng	0.00
7) Phenol-d6	6.928	99	2173896	103.138	ng	0.00
23) Nitrobenzene-d5	8.916	82	1535600	81.022	ng	0.00
42) 2,4,6-Tribromophenol	15.893	330	929412	136.345	ng	-0.02
45) 2-Fluorobiphenyl	12.999	172	3258263	73.949	ng	0.00
79) Terphenyl-d14	19.934	244	6315652	77.717	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.058	88	57039	9.445	ng	# 1
26) 2-Nitrophenol	9.663	139	84	3.801	ng	# 35
32) Benzoic acid	9.840	122	96	6.856	ng	# 1
54) 2,4-Dinitrophenol	14.504	184	13	4.978	ng	# 28
65) 4,6-Dinitro-2-methylph...	15.522	198	10	7.655	ng	# 1
77) Benzidine	19.522	184	114	5.973	ng	# 27
80) Butylbenzylphthalate	20.675	149	395	2.440	ng	# 82

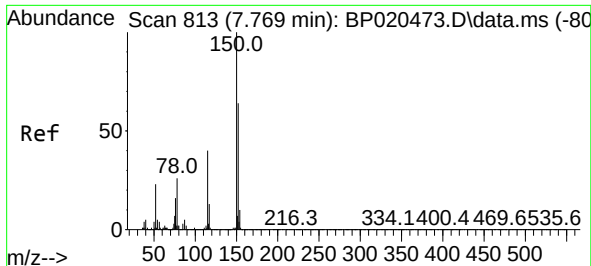
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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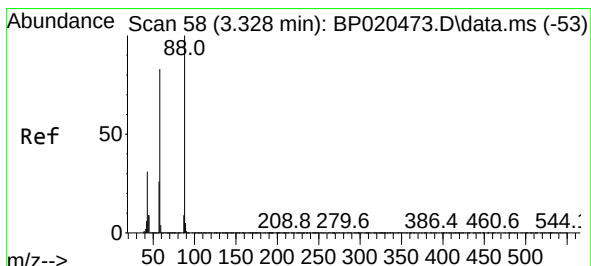
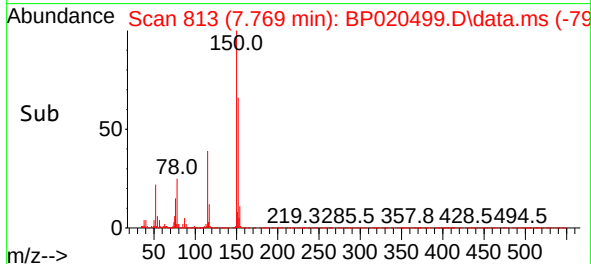
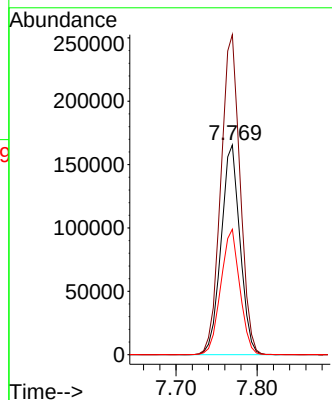
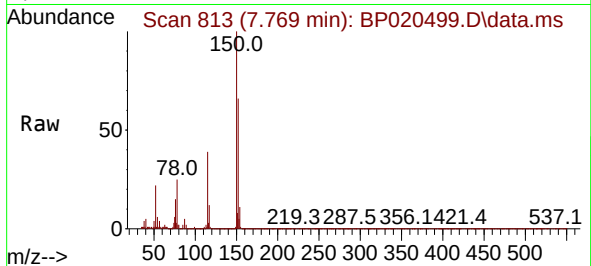




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP020499.D
 Acq: 04 Jun 2024 16:44

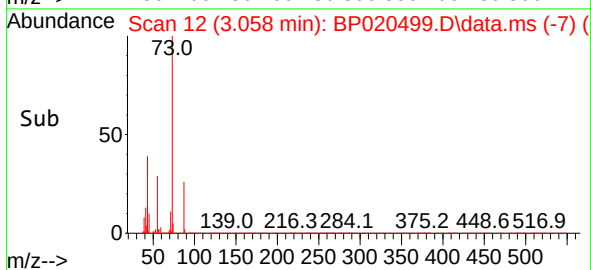
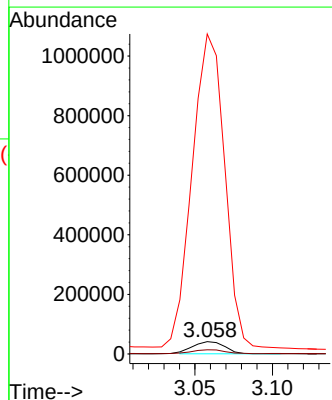
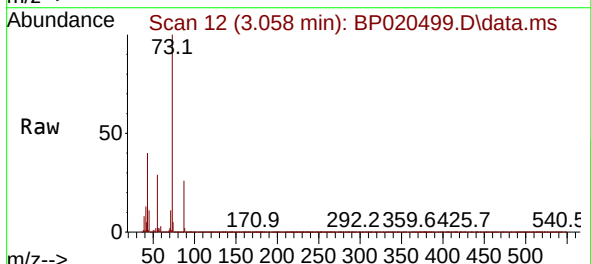
Instrument :
 BNA_P
 ClientSampleId :
 72-11998

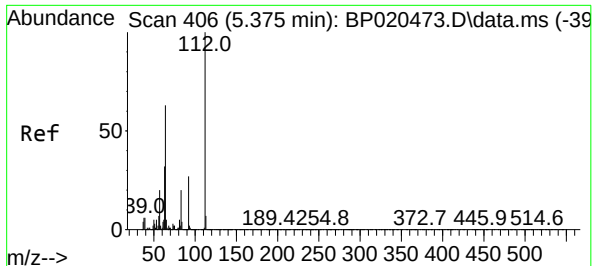
Tgt Ion:152 Resp: 267600
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.2 186.2
 115 59.8 49.5 74.3



#2
 1,4-Dioxane
 Concen: 9.445 ng
 RT: 3.058 min Scan# 12
 Delta R.T. -0.270 min
 Lab File: BP020499.D
 Acq: 04 Jun 2024 16:44

Tgt Ion: 88 Resp: 57039
 Ion Ratio Lower Upper
 88 100
 58 30.9 64.6 97.0#
 43 2641.1 24.5 36.7#

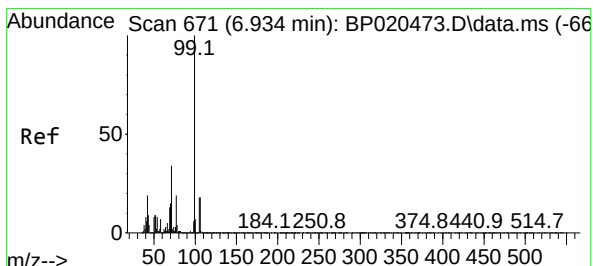
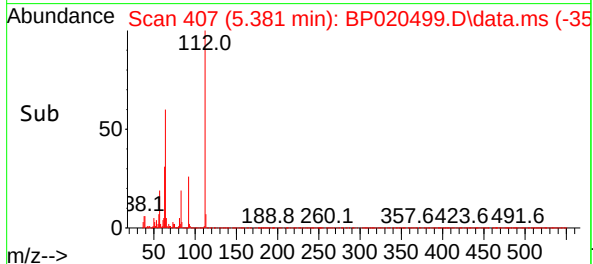
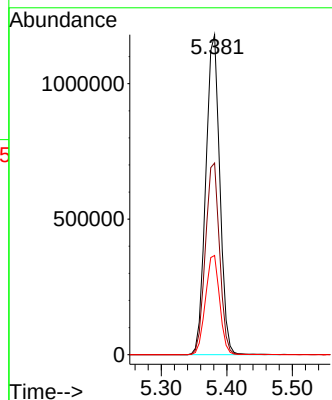
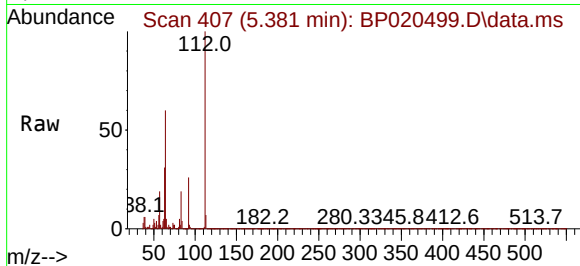




#5
2-Fluorophenol
Concen: 117.662 ng
RT: 5.381 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

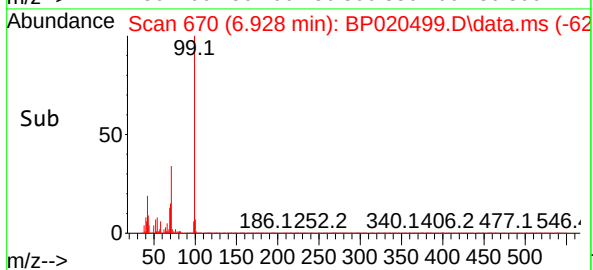
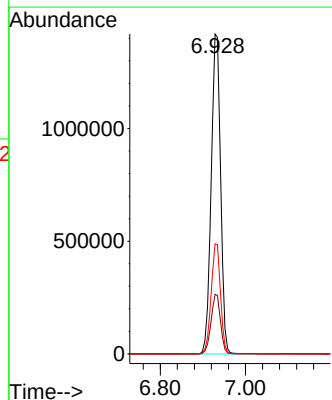
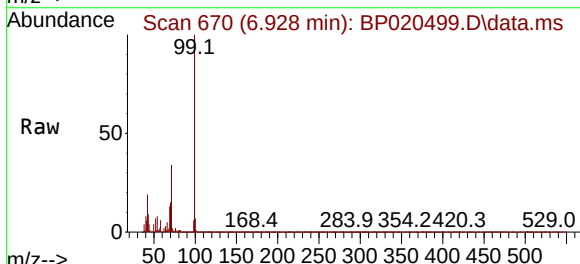
Instrument :
BNA_P
ClientSampleId :
72-11998

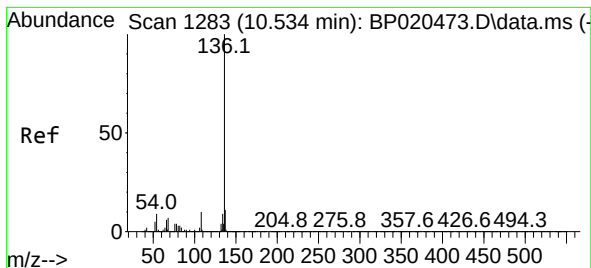
Tgt Ion:112 Resp: 1758574
Ion Ratio Lower Upper
112 100
64 59.9 50.1 75.1
63 31.0 25.7 38.5



#7
Phenol-d6
Concen: 103.138 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

Tgt Ion: 99 Resp: 2173896
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 34.4 27.3 40.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

Instrument :

BNA_P

ClientSampleId :

72-11998

Tgt Ion:136 Resp: 1037480

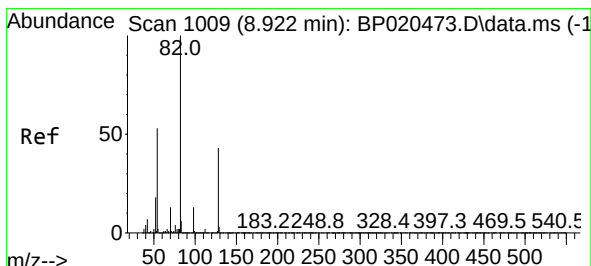
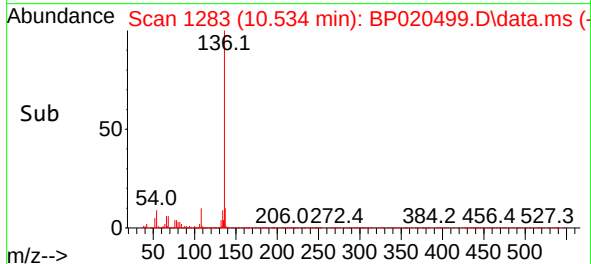
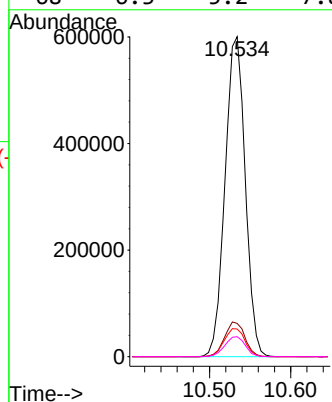
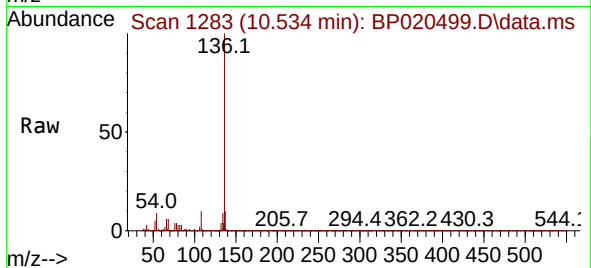
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 8.6 7.4 11.0

68 6.3 5.2 7.8



#23

Nitrobenzene-d5

Concen: 81.022 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

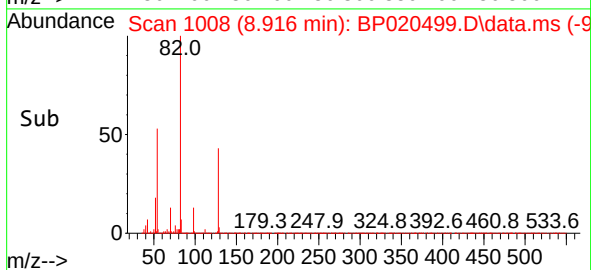
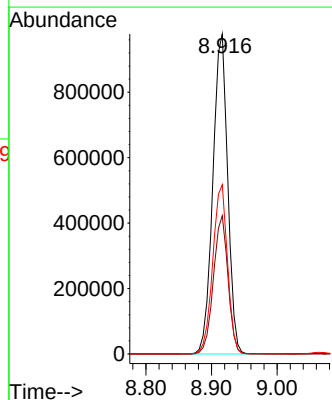
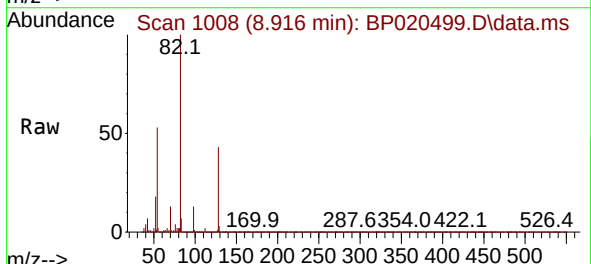
Tgt Ion: 82 Resp: 1535600

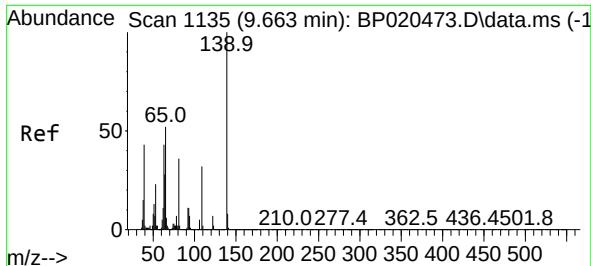
Ion Ratio Lower Upper

82 100

128 43.2 34.2 51.4

54 52.9 42.7 64.1

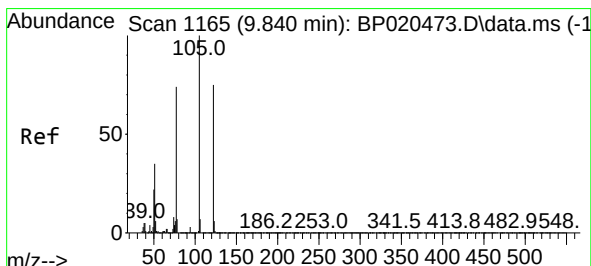
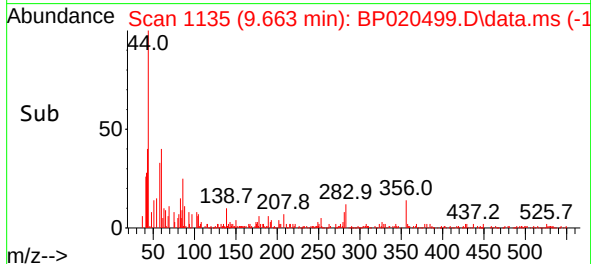
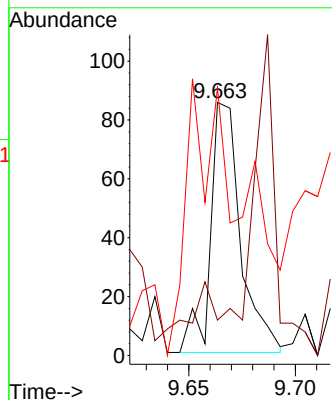
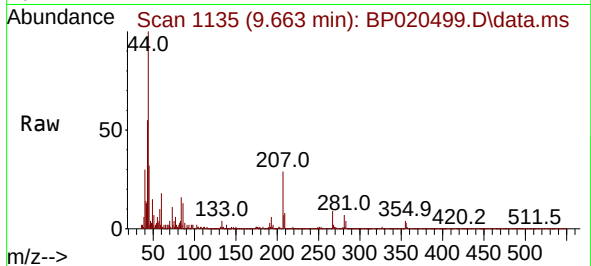




#26
2-Nitrophenol
Concen: 3.801 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

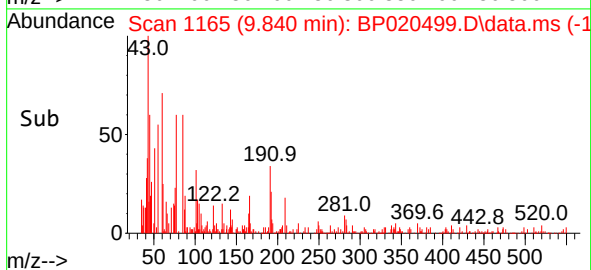
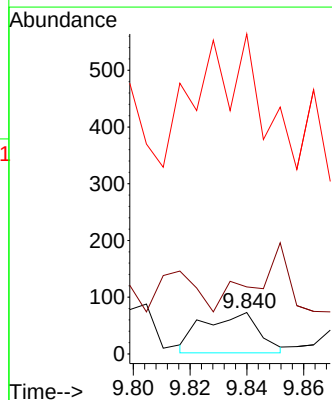
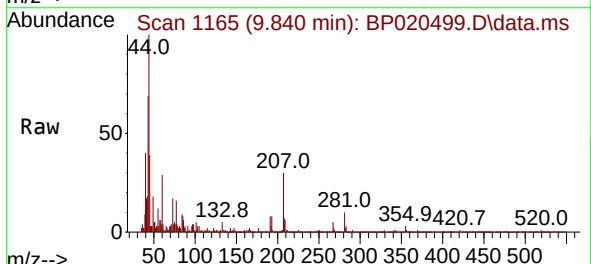
Instrument :
BNA_P
ClientSampleId :
72-11998

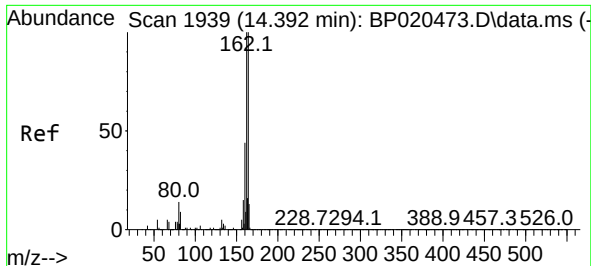
Tgt Ion:139 Resp: 84
Ion Ratio Lower Upper
139 100
109 14.0 25.8 38.8#
65 111.6 41.8 62.8#



#32
Benzoic acid
Concen: 6.856 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

Tgt Ion:122 Resp: 96
Ion Ratio Lower Upper
122 100
105 161.6 107.5 147.5#
77 772.6 76.1 116.1#

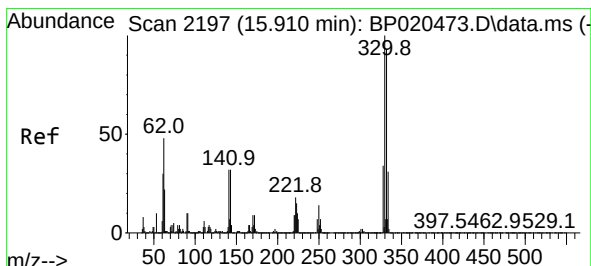
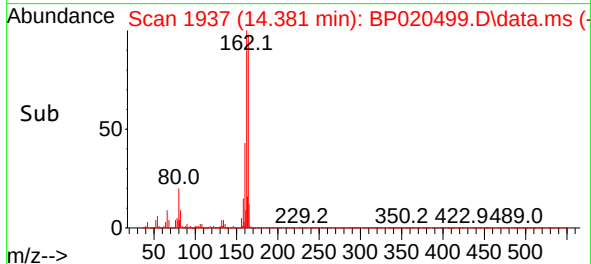
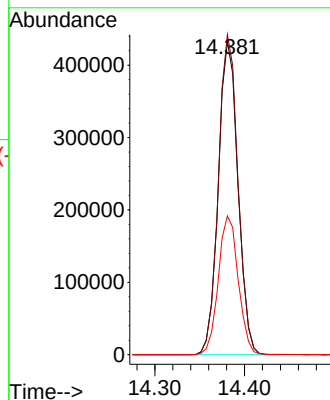
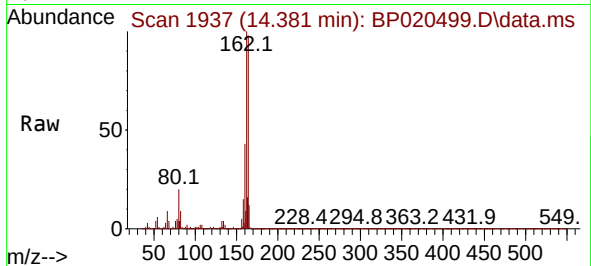




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

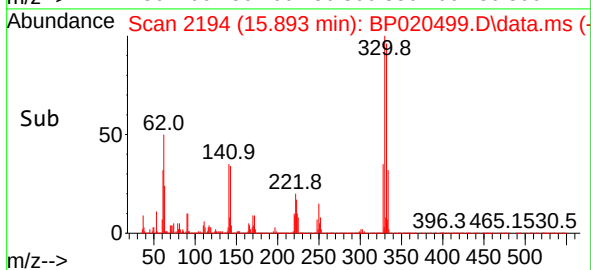
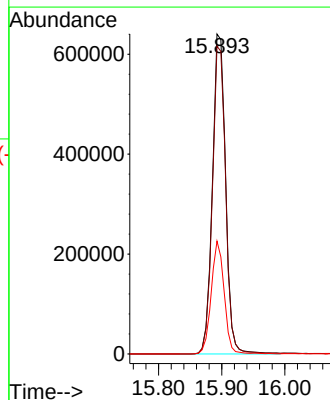
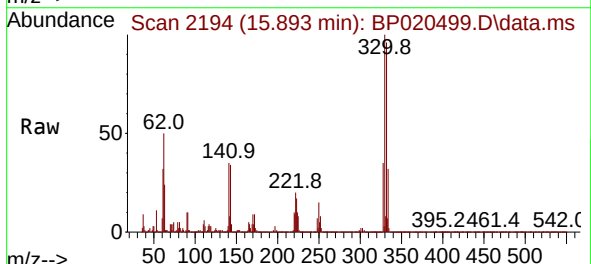
Instrument :
BNA_P
ClientSampleId :
72-11998

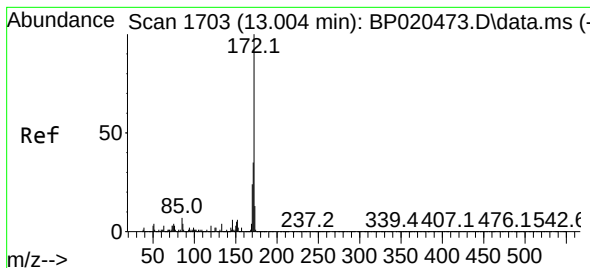
Tgt Ion:164 Resp: 656828
Ion Ratio Lower Upper
164 100
162 102.2 80.3 120.5
160 44.3 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 136.345 ng
RT: 15.893 min Scan# 2194
Delta R.T. -0.017 min
Lab File: BP020499.D
Acq: 04 Jun 2024 16:44

Tgt Ion:330 Resp: 929412
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 34.5 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 73.949 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

Instrument :

BNA_P

ClientSampleId :

72-11998

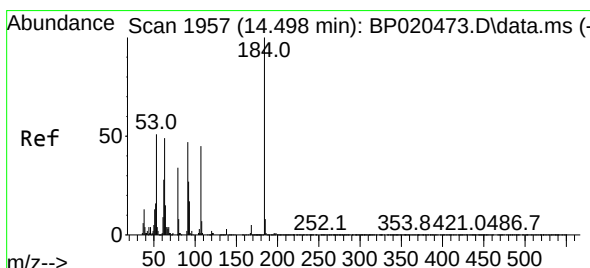
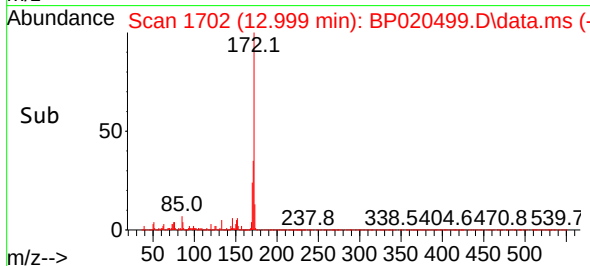
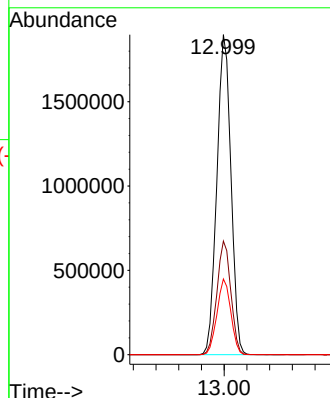
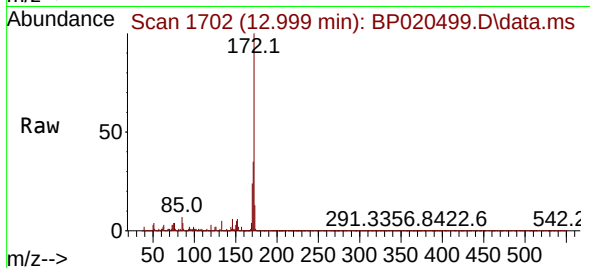
Tgt Ion:172 Resp: 3258263

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.6 18.9 28.3



#54

2,4-Dinitrophenol

Concen: 4.978 ng

RT: 14.504 min Scan# 1958

Delta R.T. 0.006 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

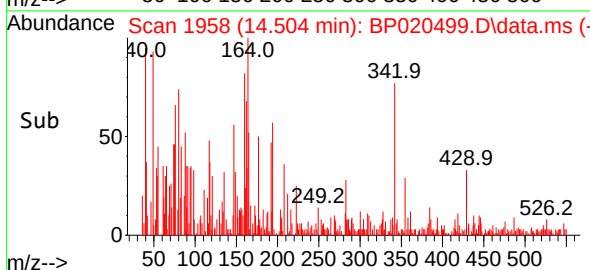
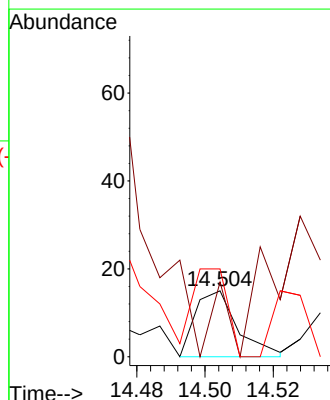
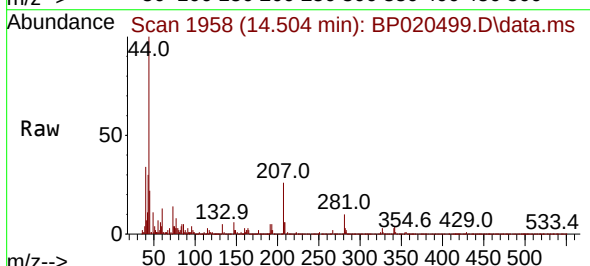
Tgt Ion:184 Resp: 13

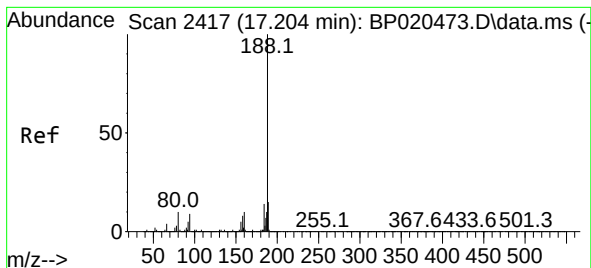
Ion Ratio Lower Upper

184 100

63 113.3 54.2 81.4#

154 133.3 51.0 76.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

Instrument :

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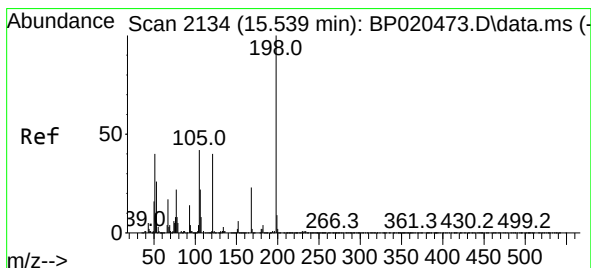
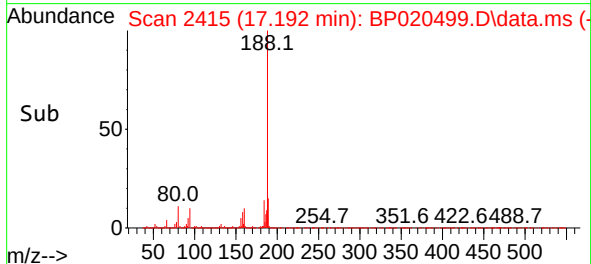
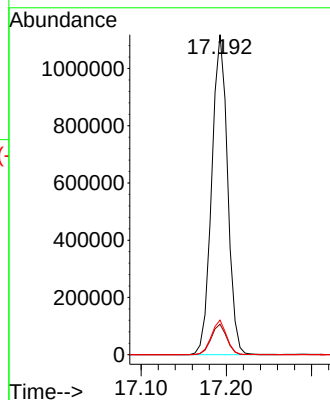
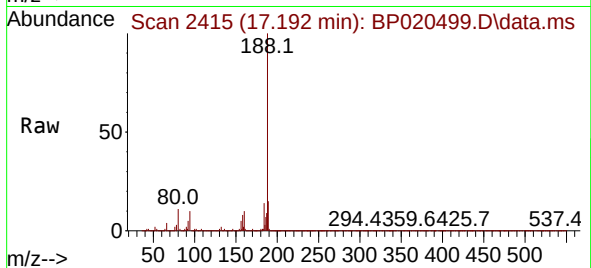
Tgt Ion:188 Resp: 1443895

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.655 ng

RT: 15.522 min Scan# 2131

Delta R.T. -0.017 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

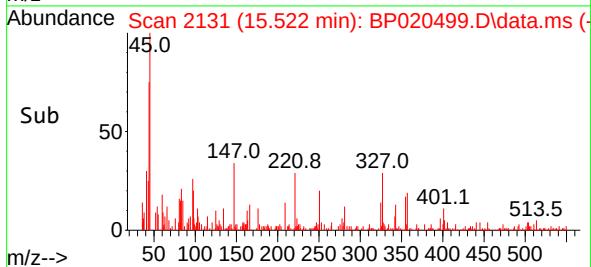
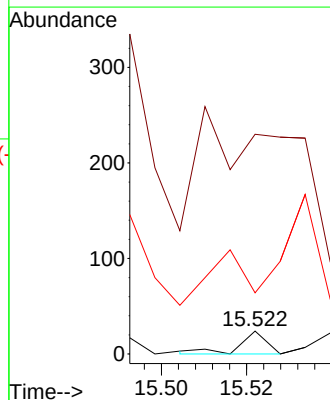
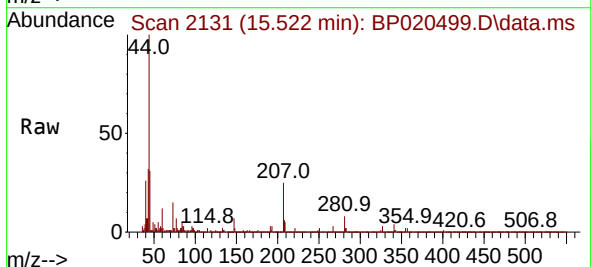
Tgt Ion:198 Resp: 10

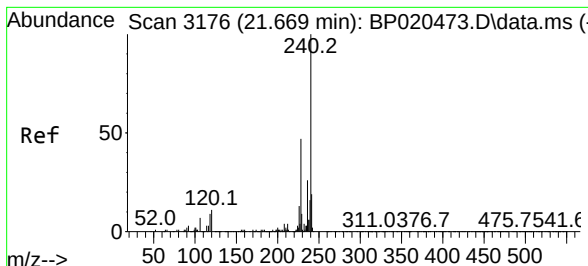
Ion Ratio Lower Upper

198 100

51 958.3 24.8 64.8#

105 266.7 23.2 63.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

Instrument :

BNA_P

ClientSampleId :

72-11998

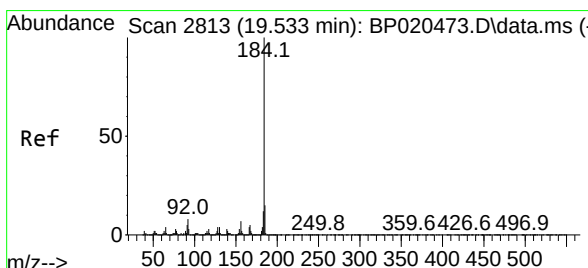
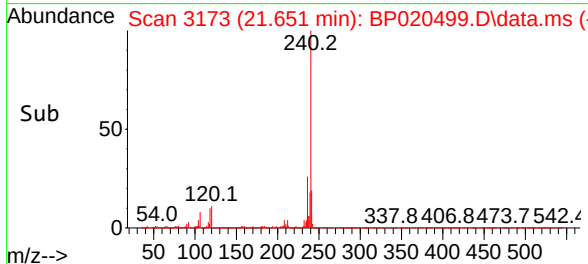
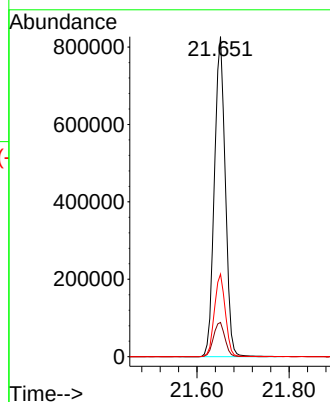
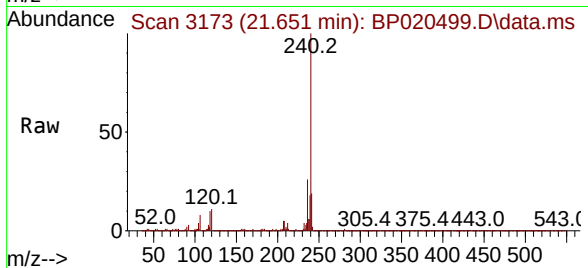
Tgt Ion:240 Resp: 1352829

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

236 25.8 20.5 30.7



#77

Benzidine

Concen: 5.973 ng

RT: 19.522 min Scan# 2811

Delta R.T. -0.011 min

Lab File: BP020499.D

Acq: 04 Jun 2024 16:44

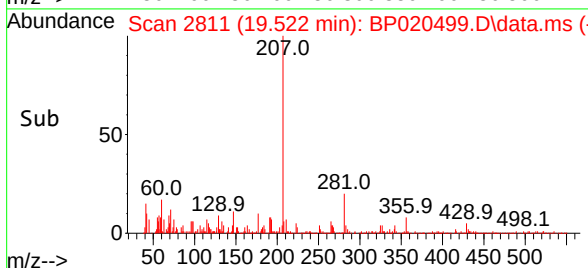
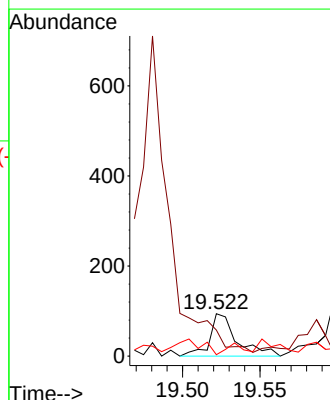
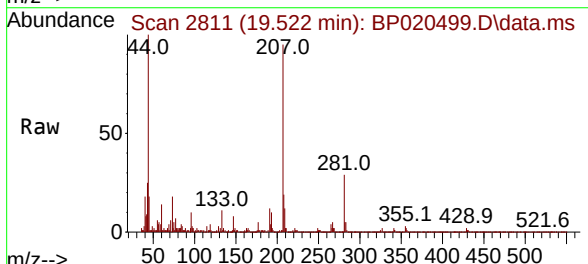
Tgt Ion:184 Resp: 114

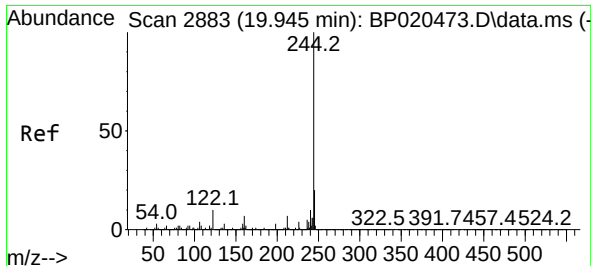
Ion Ratio Lower Upper

184 100

185 61.7 12.0 18.0#

183 3.2 9.4 14.0#

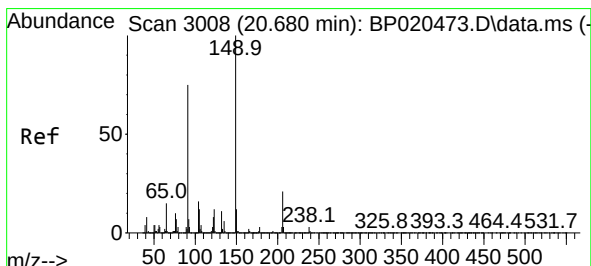
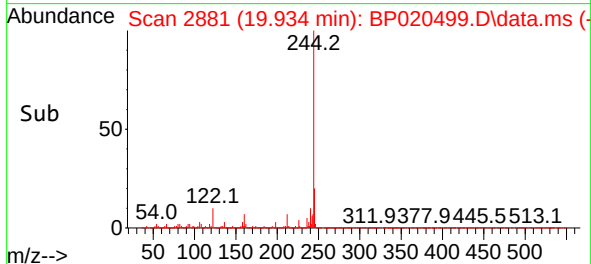
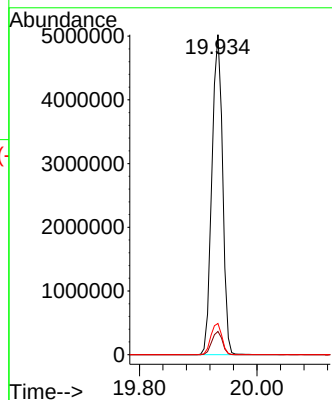
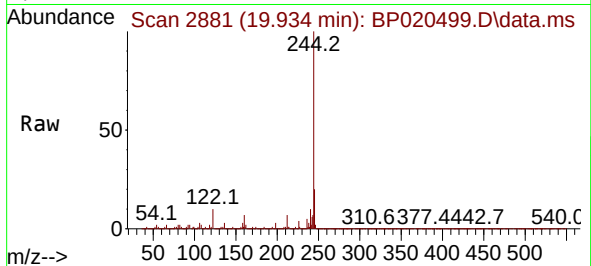




#79
 Terphenyl-d14
 Concen: 77.717 ng
 RT: 19.934 min Scan# 2881
 Delta R.T. -0.011 min
 Lab File: BP020499.D
 Acq: 04 Jun 2024 16:44

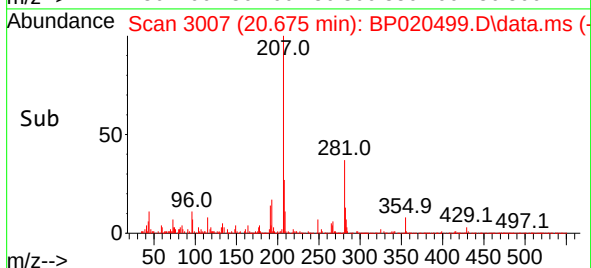
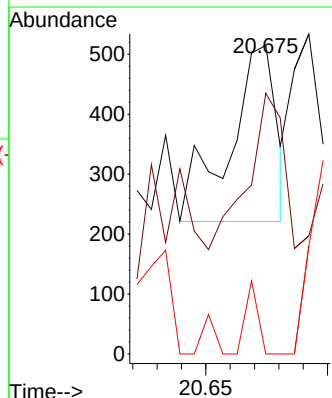
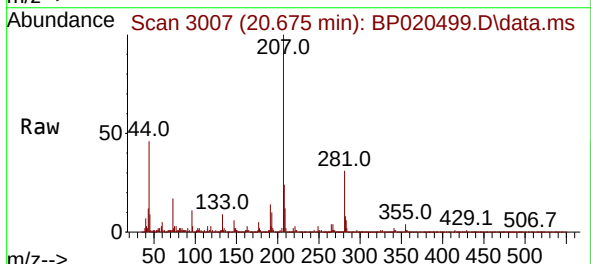
Instrument :
 BNA_P
 ClientSampleId :
 72-11998

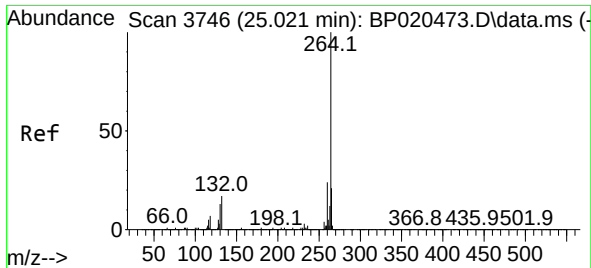
Tgt Ion:244 Resp: 6315652
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.440 ng
 RT: 20.675 min Scan# 3007
 Delta R.T. -0.005 min
 Lab File: BP020499.D
 Acq: 04 Jun 2024 16:44

Tgt Ion:149 Resp: 395
 Ion Ratio Lower Upper
 149 100
 91 84.5 60.0 90.0
 206 0.0 16.6 25.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BP020499.D
 Acq: 04 Jun 2024 16:44

Instrument :
 BNA_P
 ClientSampleId :
 72-11998

Tgt Ion:264 Resp: 1475279
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.9 28.3
 265 21.5 17.4 26.0

