

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020498.D
 Acq On : 04 Jun 2024 16:00
 Operator : MA/JU
 Sample : P2687-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Quant Time: Jun 04 16:46:36 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)

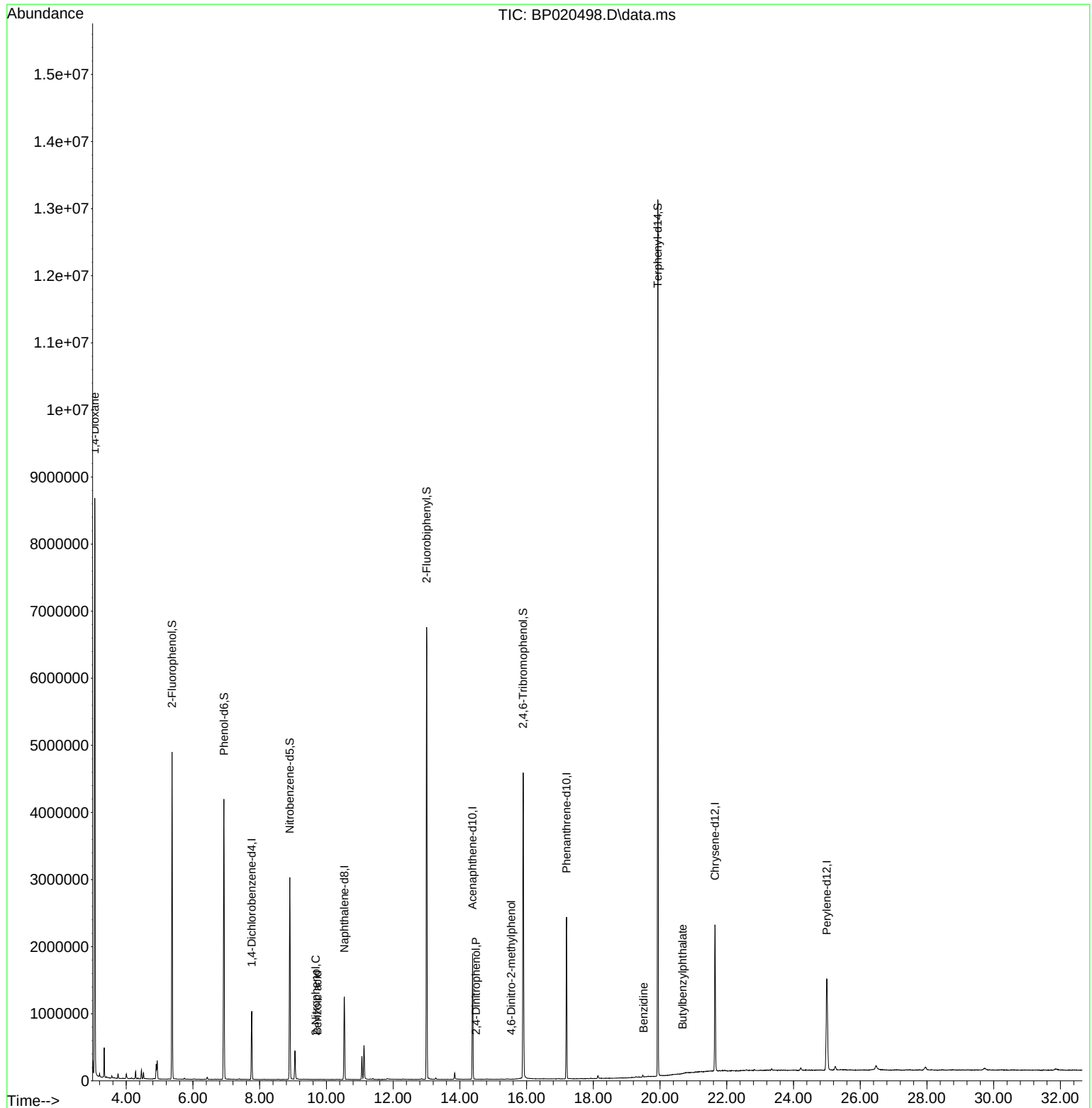
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	274125	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1058339	20.000	ng	0.00
39) Acenaphthene-d10	14.380	164	665506	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1422300	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1338447	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1463403	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1981955	129.452	ng	0.00
7) Phenol-d6	6.928	99	2394669	110.908	ng	0.00
23) Nitrobenzene-d5	8.904	82	1699876	87.922	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	965375	139.774	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	3512261	78.674	ng	0.00
79) Terphenyl-d14	19.933	244	6402562	79.633	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.058	88	69002	11.154	ng	# 1
26) 2-Nitrophenol	9.681	139	26	3.794	ng	# 1
32) Benzoic acid	9.728	122	746	6.908	ng	92
54) 2,4-Dinitrophenol	14.486	184	14	4.978	ng	# 80
65) 4,6-Dinitro-2-methylph...	15.539	198	19	7.656	ng	# 1
77) Benzidine	19.510	184	64	5.972	ng	# 1
80) Butylbenzylphthalate	20.674	149	492	2.443	ng	# 70

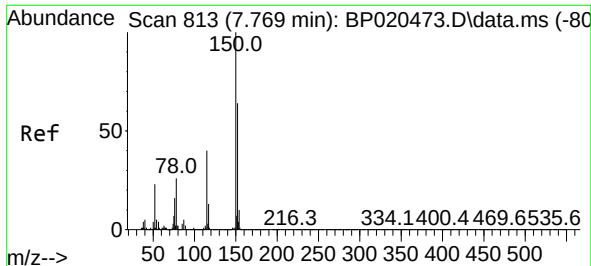
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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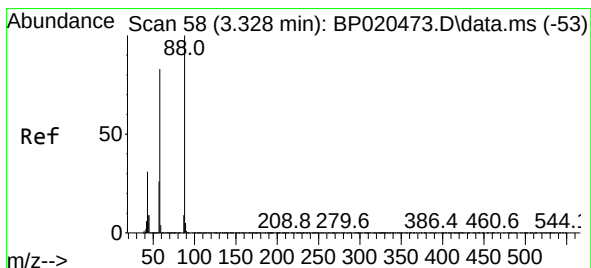
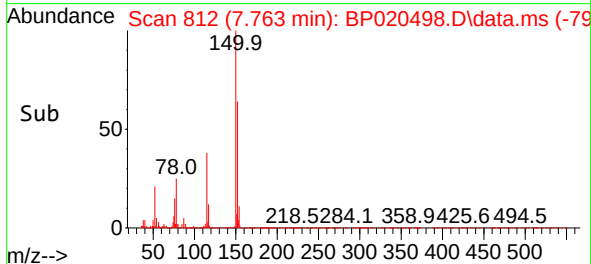
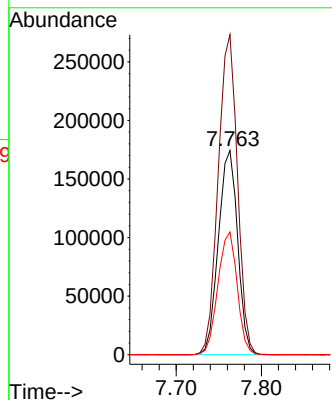
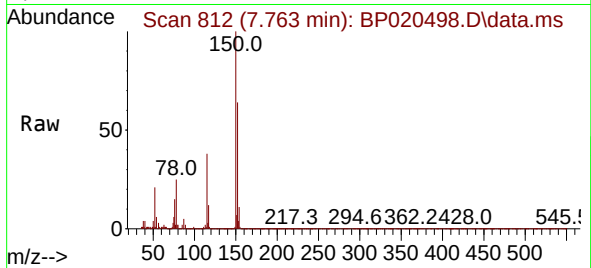




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

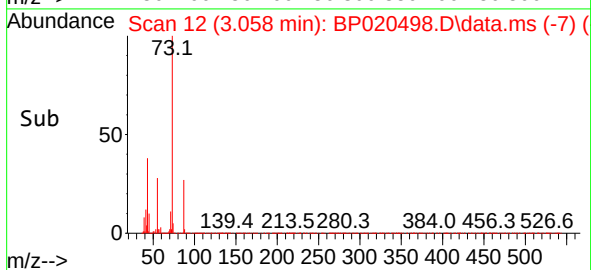
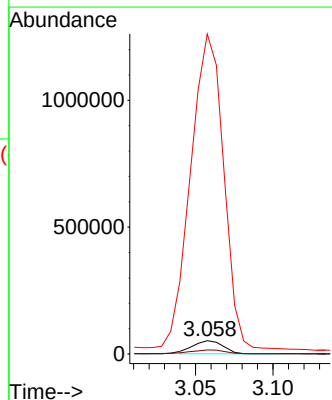
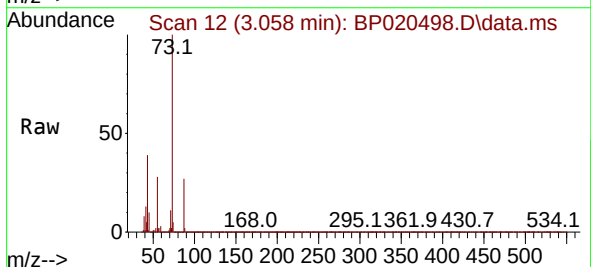
Instrument :
BNA_P
ClientSampleId :
72-11977

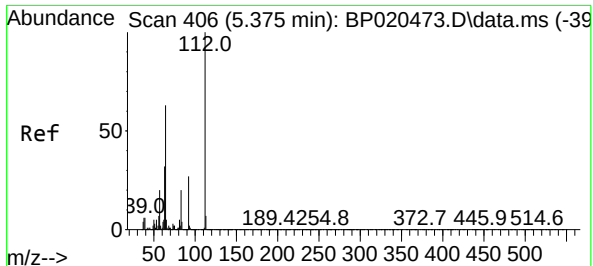
Tgt Ion:152 Resp: 274125
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 60.1 49.5 74.3



#2
1,4-Dioxane
Concen: 11.154 ng
RT: 3.058 min Scan# 12
Delta R.T. -0.271 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

Tgt Ion: 88 Resp: 69002
Ion Ratio Lower Upper
88 100
58 29.0 64.6 97.0#
43 2537.2 24.5 36.7#

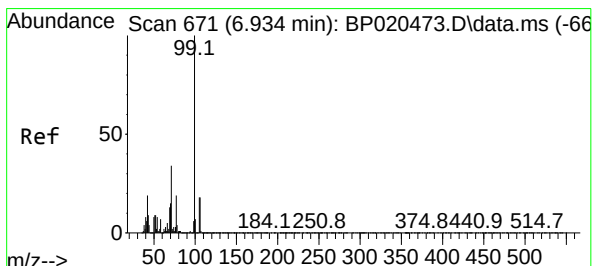
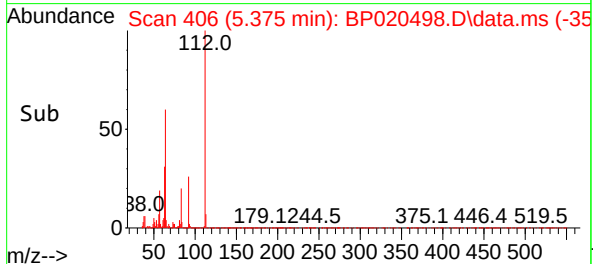
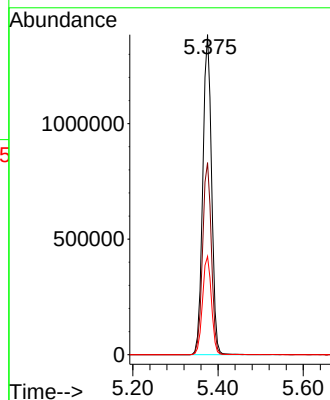
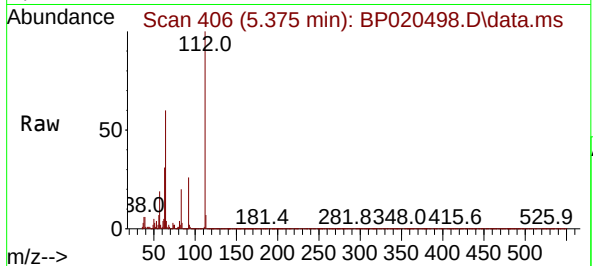




#5
2-Fluorophenol
Concen: 129.452 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

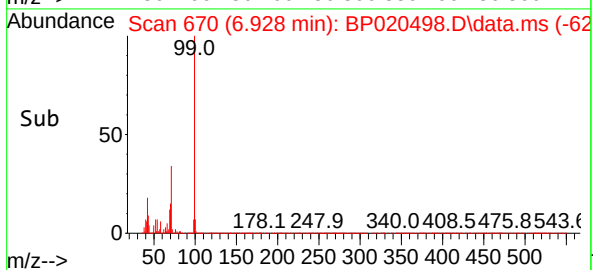
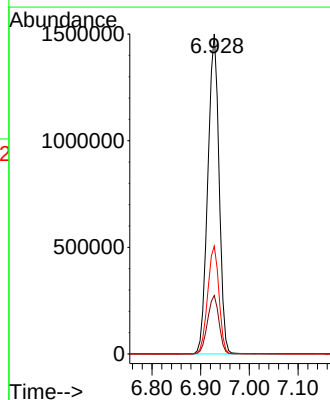
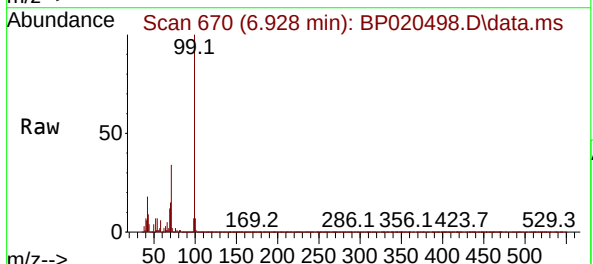
Instrument :
BNA_P
ClientSampleId :
72-11977

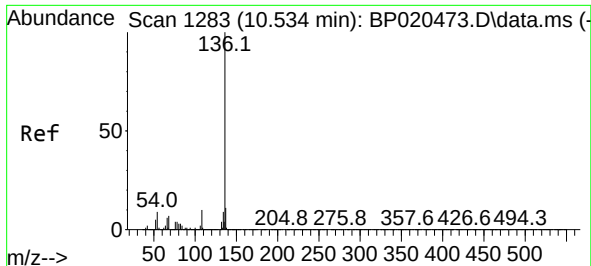
Tgt Ion:112 Resp: 1981955
Ion Ratio Lower Upper
112 100
64 60.0 50.1 75.1
63 30.7 25.7 38.5



#7
Phenol-d6
Concen: 110.908 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

Tgt Ion: 99 Resp: 2394669
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 33.7 27.3 40.9

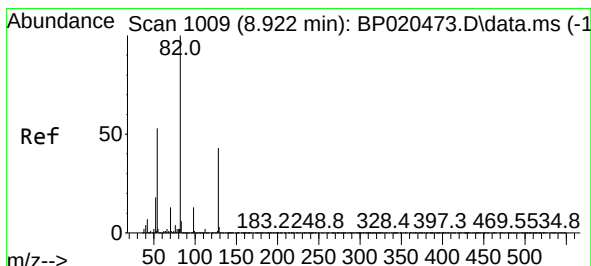
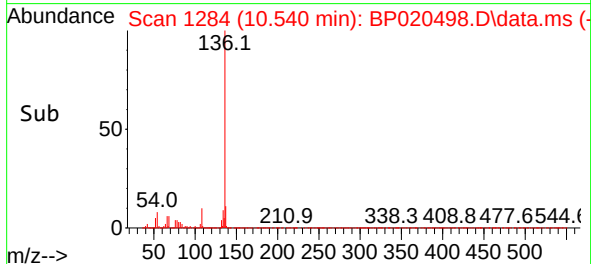
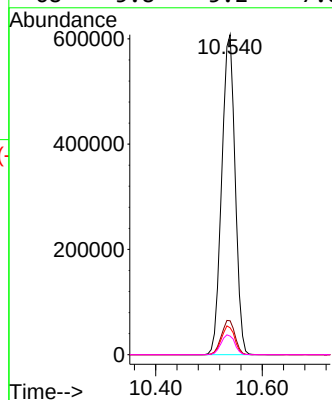
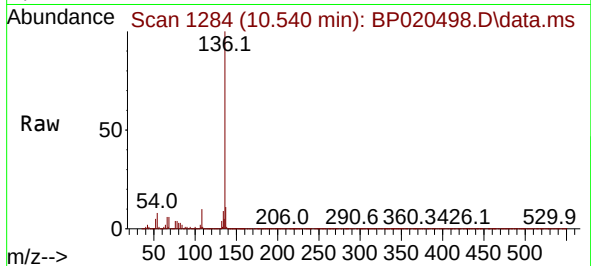




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

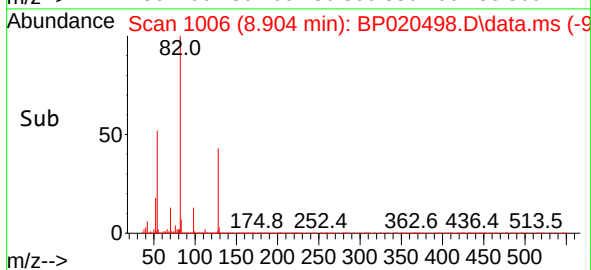
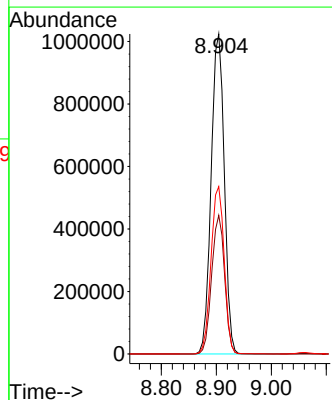
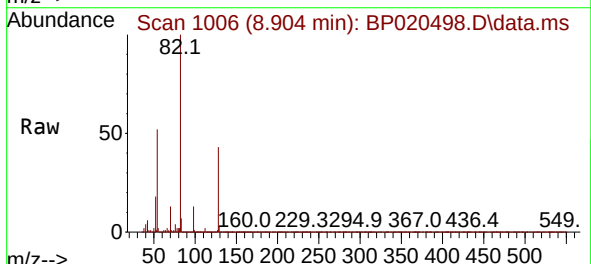
Instrument :
BNA_P
ClientSampleId :
72-11977

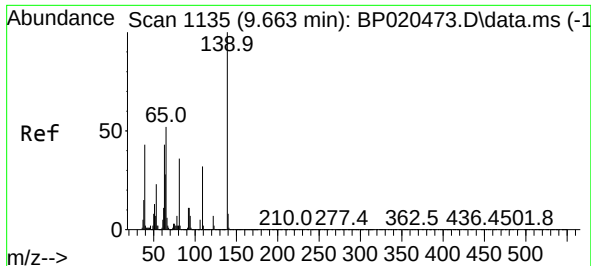
Tgt Ion:136 Resp: 1058339
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.4 7.4 11.0
68 5.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 87.922 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

Tgt Ion: 82 Resp: 1699876
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 52.3 42.7 64.1

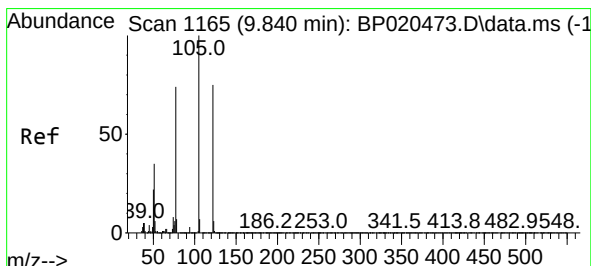
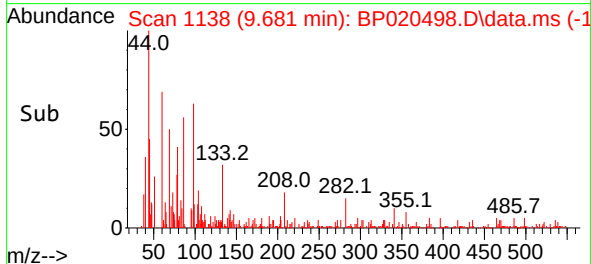
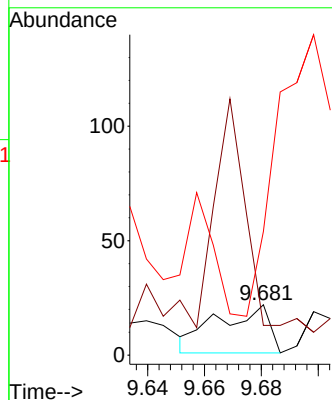
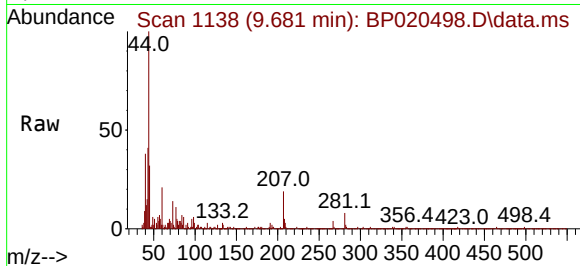




#26
2-Nitrophenol
Concen: 3.794 ng
RT: 9.681 min Scan# 1135
Delta R.T. 0.018 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

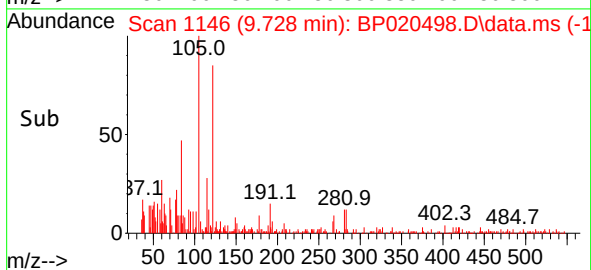
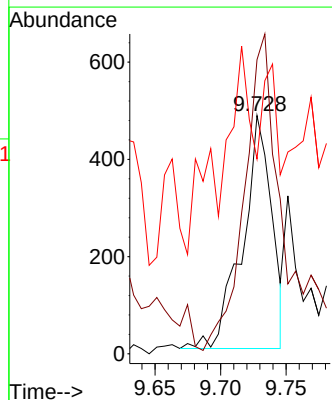
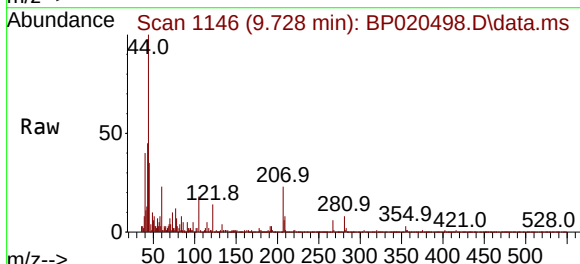
Instrument :
BNA_P
ClientSampleId :
72-11977

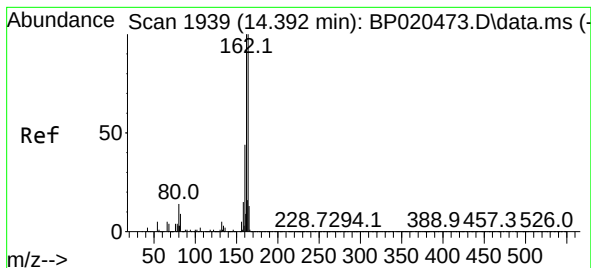
Tgt Ion:139 Resp: 26
Ion Ratio Lower Upper
139 100
109 113.6 25.8 38.8#
65 245.5 41.8 62.8#



#32
Benzoic acid
Concen: 6.908 ng
RT: 9.728 min Scan# 1146
Delta R.T. -0.112 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

Tgt Ion:122 Resp: 746
Ion Ratio Lower Upper
122 100
105 123.5 107.5 147.5
77 81.8 76.1 116.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.380 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BP020498.D

Acq: 04 Jun 2024 16:00

Instrument :

BNA_P

ClientSampleId :

72-11977

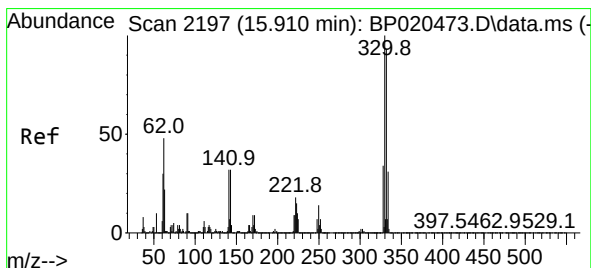
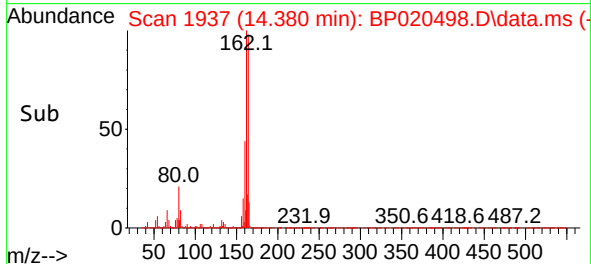
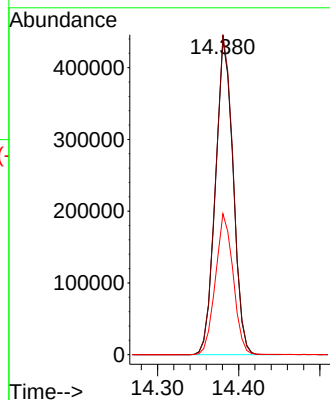
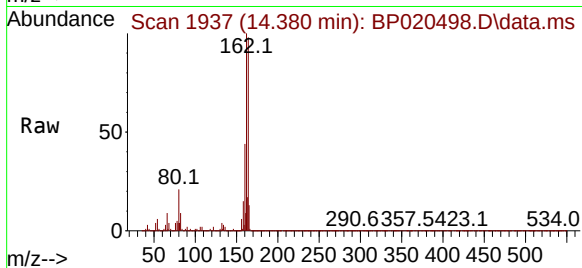
Tgt Ion:164 Resp: 665506

Ion Ratio Lower Upper

164 100

162 101.5 80.3 120.5

160 44.7 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 139.774 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BP020498.D

Acq: 04 Jun 2024 16:00

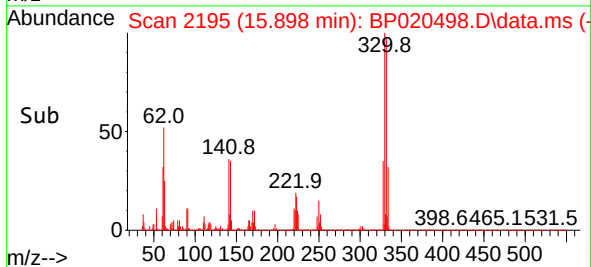
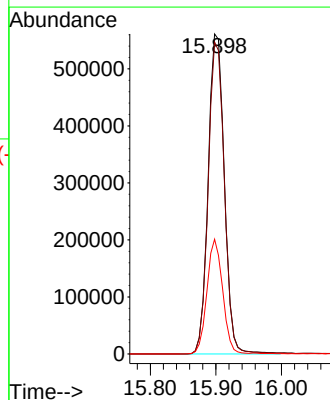
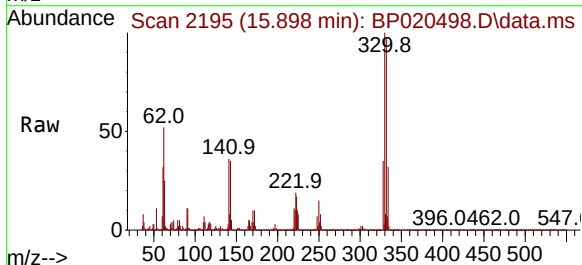
Tgt Ion:330 Resp: 965375

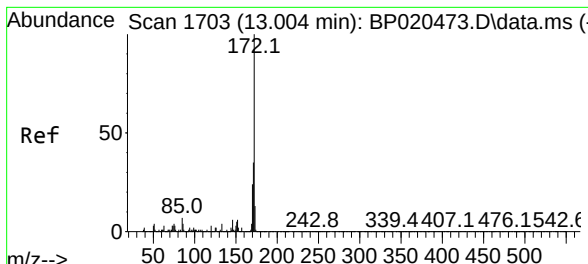
Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

141 34.7 27.1 40.7

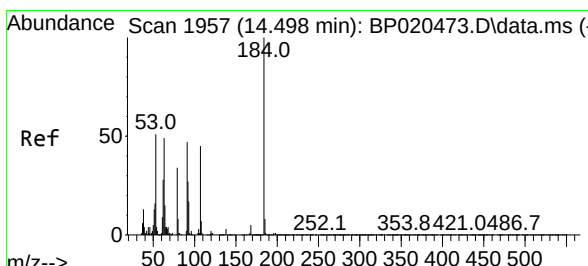
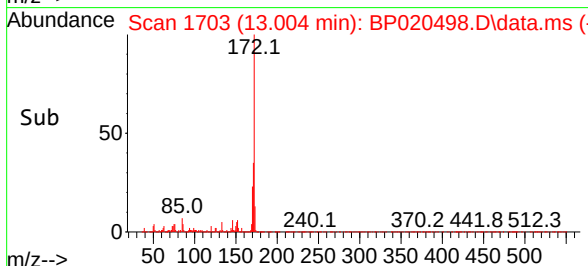
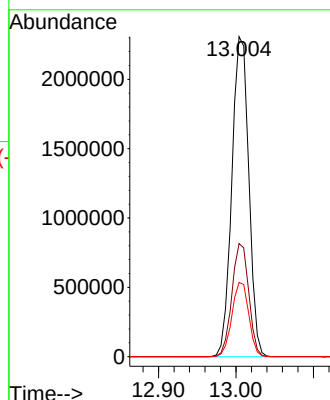
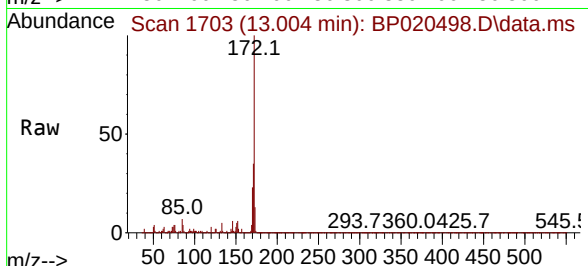




#45
2-Fluorobiphenyl
Concen: 78.674 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

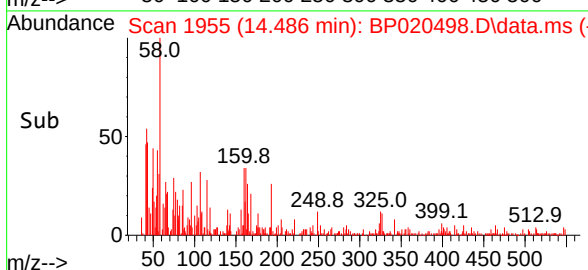
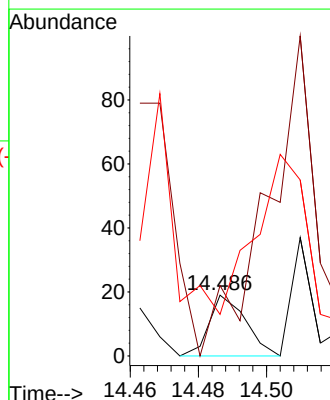
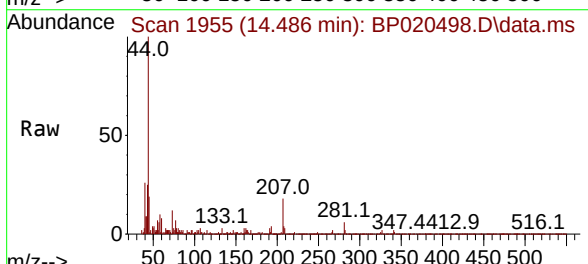
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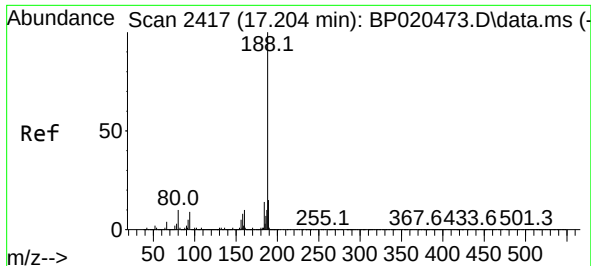
Tgt Ion:172 Resp: 3512261
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.2 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 4.978 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 91.7 54.2 81.4#
154 70.8 51.0 76.6

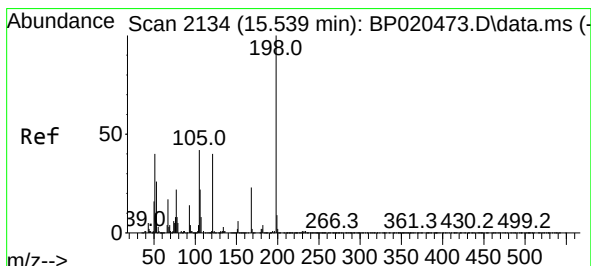
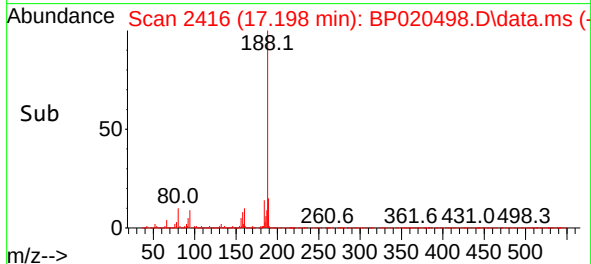
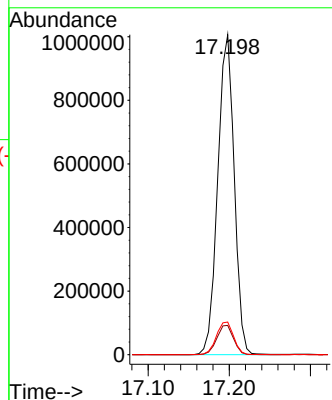
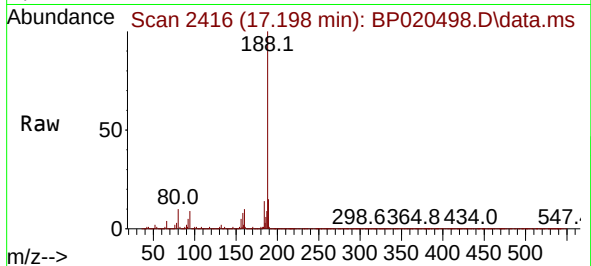




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

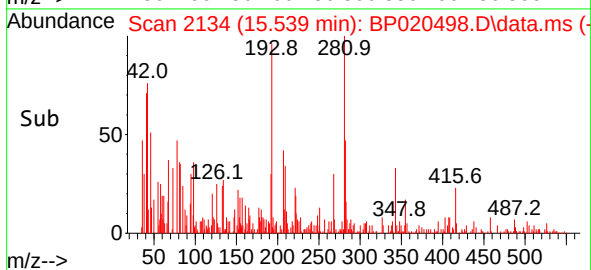
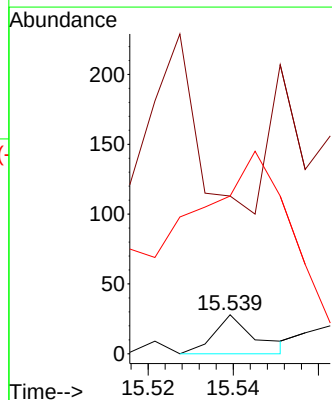
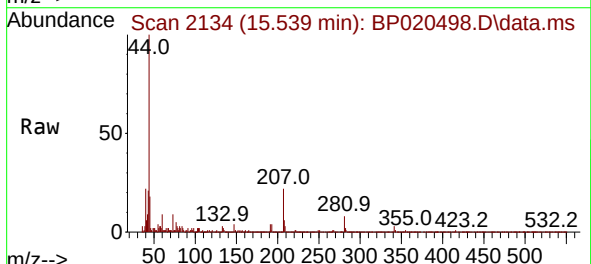
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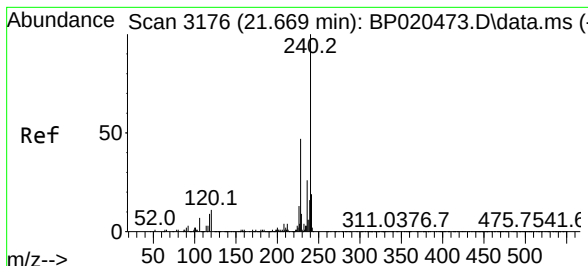
Tgt Ion:188 Resp: 1422300
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.2 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.656 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP020498.D
Acq: 04 Jun 2024 16:00

Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 403.6 24.8 64.8#
105 403.6 23.2 63.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP020498.D

Acq: 04 Jun 2024 16:00

Instrument :

BNA_P

ClientSampleId :

72-11977

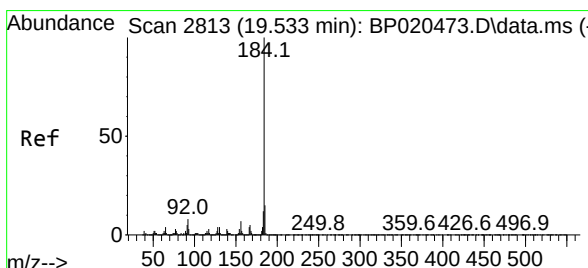
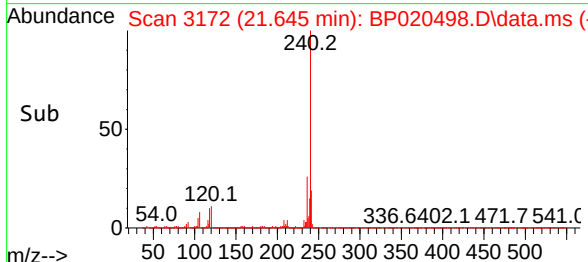
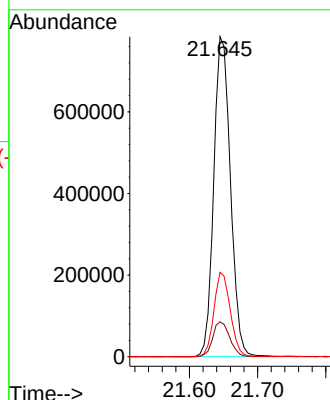
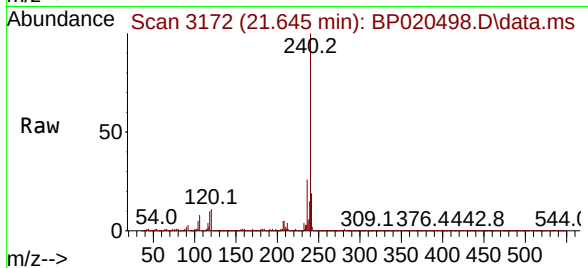
Tgt Ion:240 Resp: 1338447

Ion Ratio Lower Upper

240 100

120 10.9 8.5 12.7

236 26.3 20.5 30.7



#77

Benzidine

Concen: 5.972 ng

RT: 19.510 min Scan# 2809

Delta R.T. -0.023 min

Lab File: BP020498.D

Acq: 04 Jun 2024 16:00

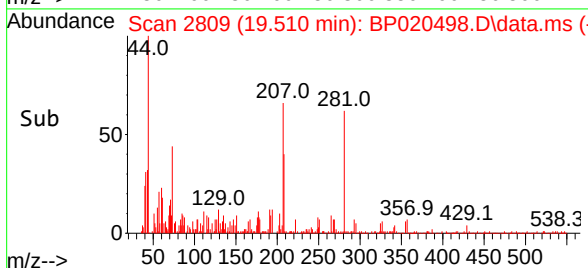
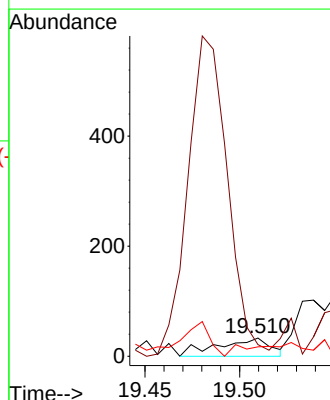
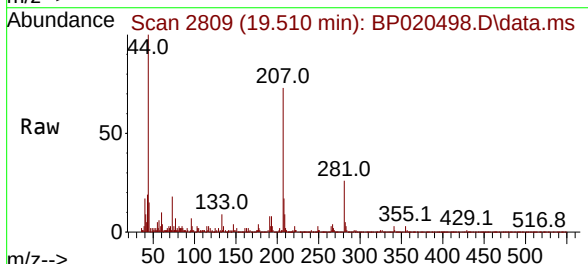
Tgt Ion:184 Resp: 64

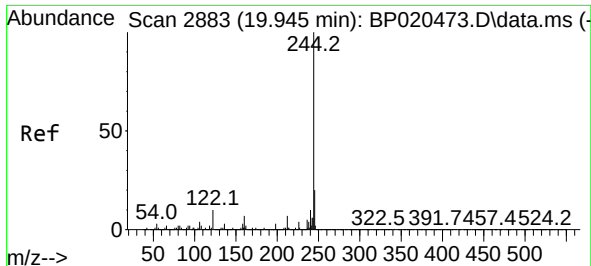
Ion Ratio Lower Upper

184 100

185 63.6 12.0 18.0#

183 51.5 9.4 14.0#

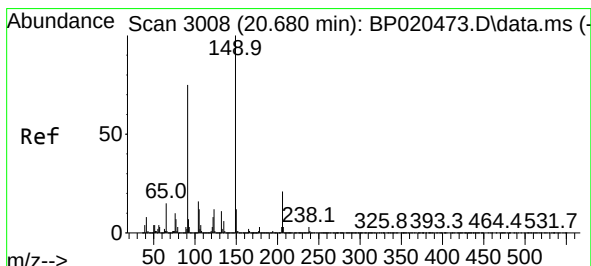
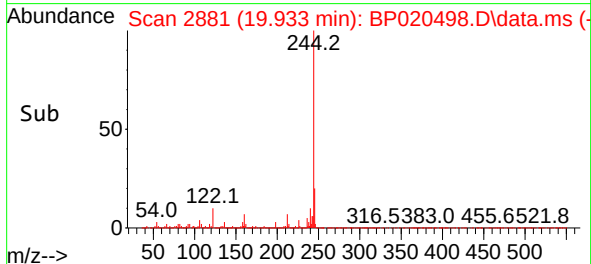
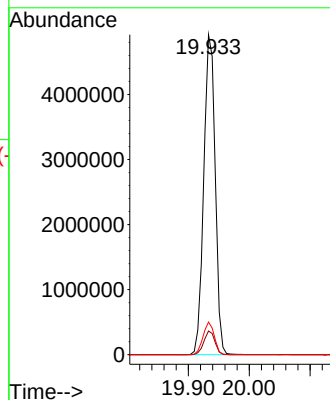
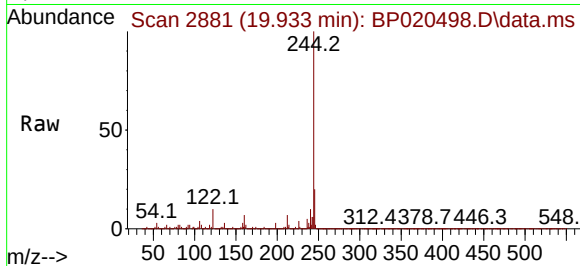




#79
 Terphenyl-d14
 Concen: 79.633 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP020498.D
 Acq: 04 Jun 2024 16:00

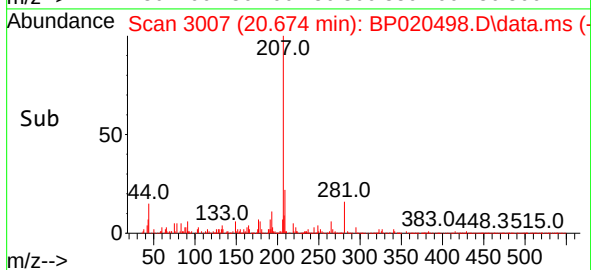
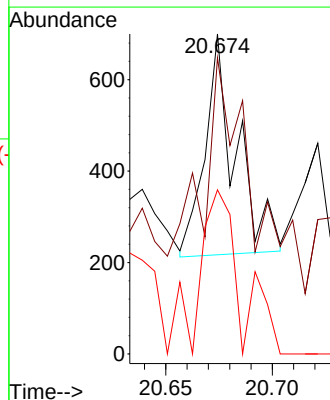
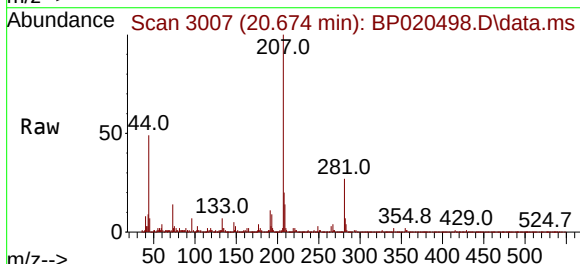
Instrument :
 BNA_P
 ClientSampleId :
 72-11977

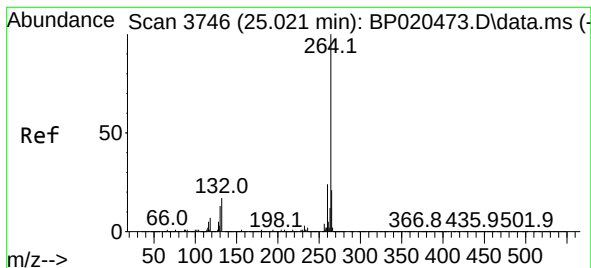
Tgt Ion:244 Resp: 6402562
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.443 ng
 RT: 20.674 min Scan# 3007
 Delta R.T. -0.006 min
 Lab File: BP020498.D
 Acq: 04 Jun 2024 16:00

Tgt Ion:149 Resp: 492
 Ion Ratio Lower Upper
 149 100
 91 92.6 60.0 90.0#
 206 51.3 16.6 25.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP020498.D

Acq: 04 Jun 2024 16:00

Instrument :

BNA_P

ClientSampleId :

72-11977

Tgt Ion:264 Resp: 1463403

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.8 17.4 26.0

