

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020634.D
 Acq On : 14 Jun 2024 21:12
 Operator : MA/JU
 Sample : P2878-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 348

Quant Time: Jun 14 22:56:49 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)

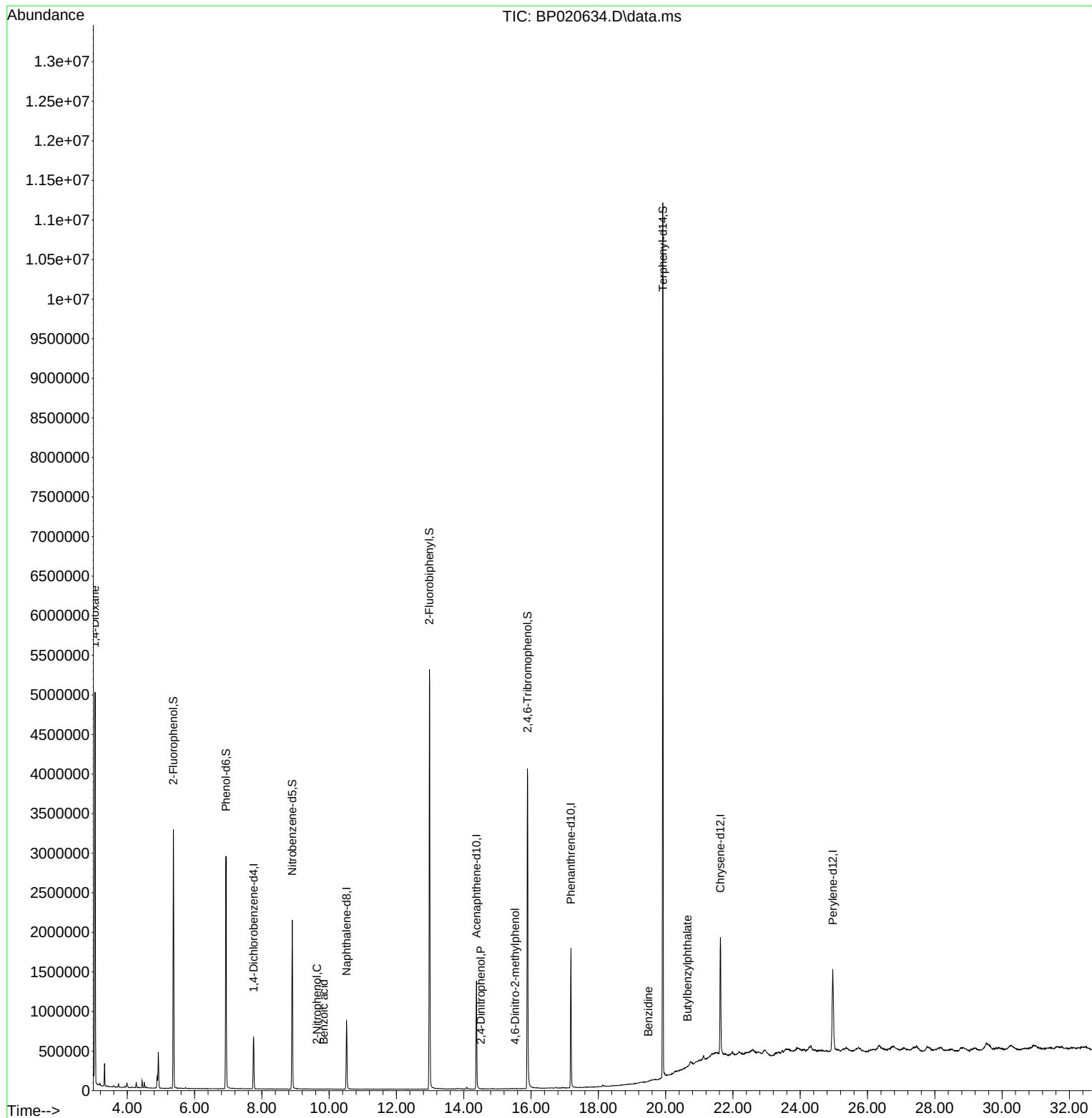
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	195774	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	752994	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	510042	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	1100244	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	985608	20.000	ng	-0.04
86) Perylene-d12	24.968	264	1126043	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1431298	130.899	ng	0.00
7) Phenol-d6	6.934	99	1696509	110.019	ng	0.00
23) Nitrobenzene-d5	8.905	82	1224088	88.987	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	960793	181.513	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	2987686	87.323	ng	-0.02
79) Terphenyl-d14	19.916	244	5056501	85.406	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.040	88	27548	6.235	ng	# 1
26) 2-Nitrophenol	9.640	139	13	3.793	ng	# 1
32) Benzoic acid	9.840	122	72	6.856	ng	# 7
54) 2,4-Dinitrophenol	14.510	184	8	4.977	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.522	198	6	7.654	ng	# 1
77) Benzidine	19.486	184	197	5.975	ng	# 1
80) Butylbenzylphthalate	20.651	149	1485	2.478	ng	# 88

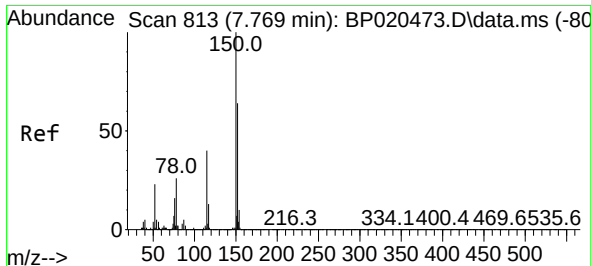
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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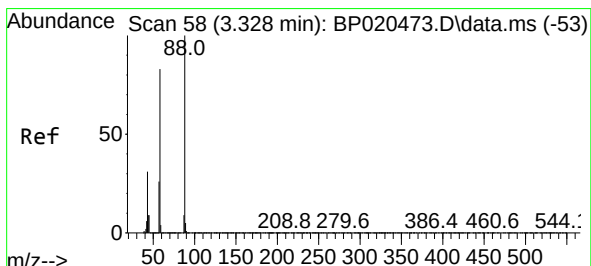
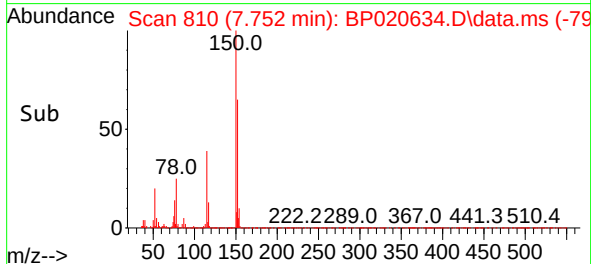
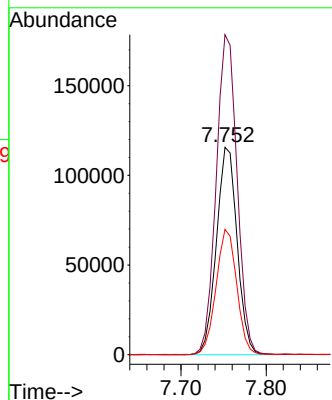
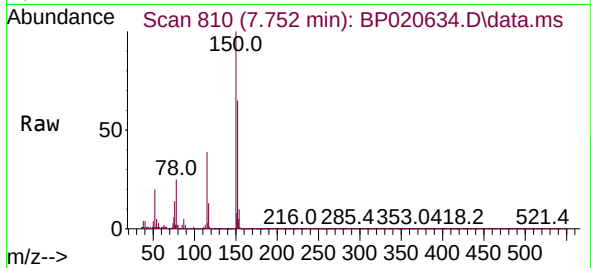




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

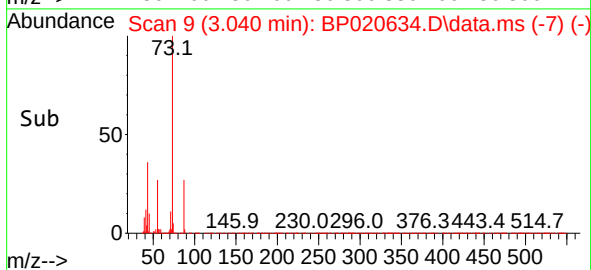
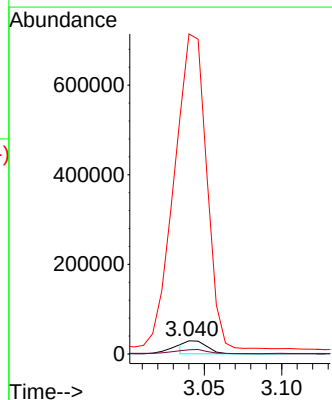
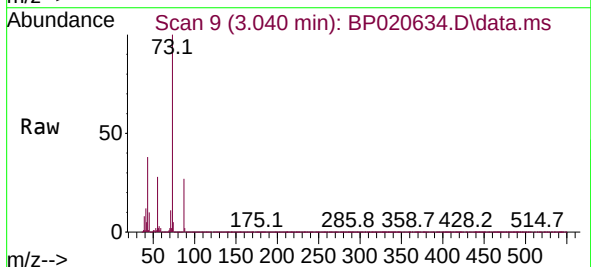
Instrument :
BNA_P
ClientSampleId :
348

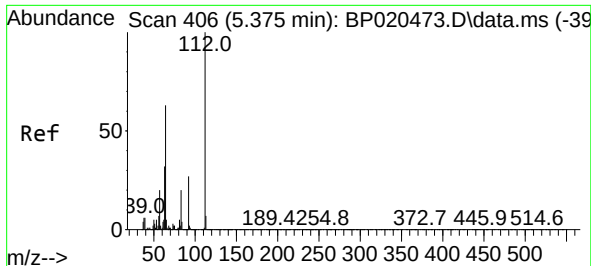
Tgt Ion:152 Resp: 195774
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 60.4 49.5 74.3



#2
1,4-Dioxane
Concen: 6.235 ng
RT: 3.040 min Scan# 9
Delta R.T. -0.288 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

Tgt Ion: 88 Resp: 27548
Ion Ratio Lower Upper
88 100
58 31.3 64.6 97.0#
43 2459.8 24.5 36.7#

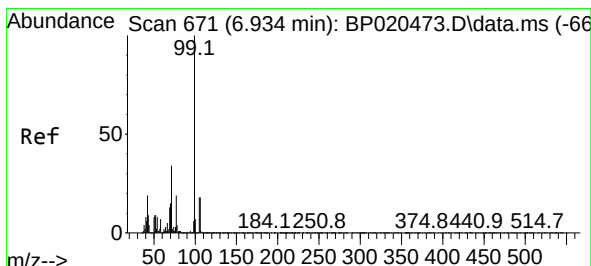
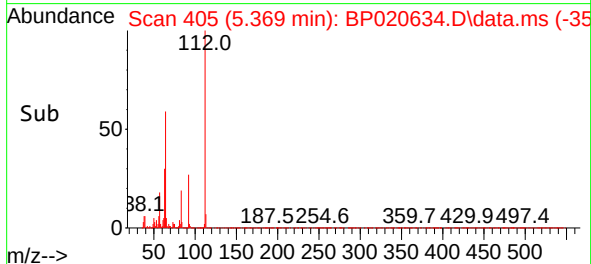
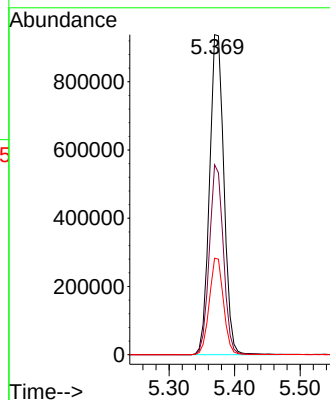
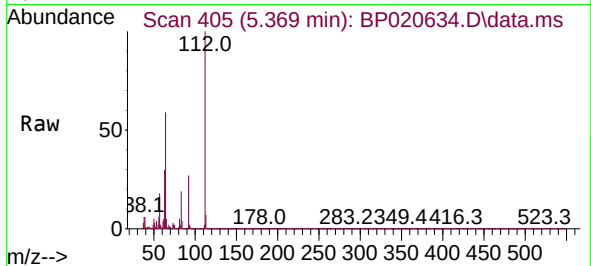




#5
2-Fluorophenol
Concen: 130.899 ng
RT: 5.369 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

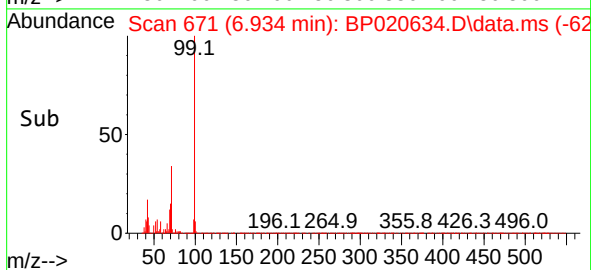
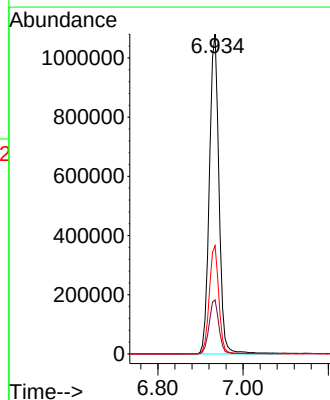
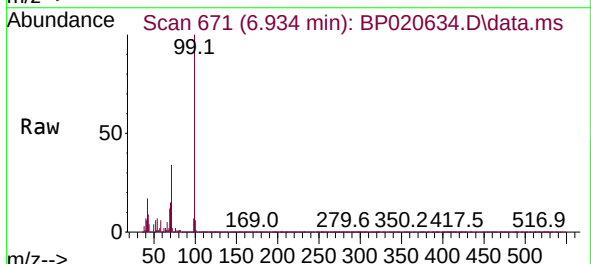
Instrument :
BNA_P
ClientSampleId :
348

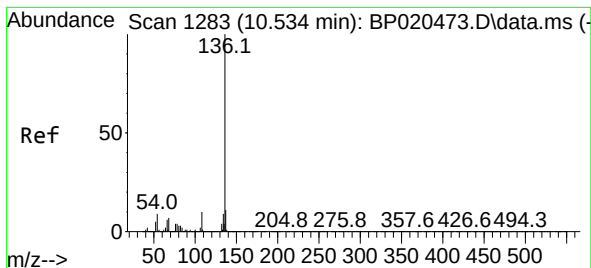
Tgt Ion:112 Resp: 1431298
Ion Ratio Lower Upper
112 100
64 59.4 50.1 75.1
63 30.1 25.7 38.5



#7
Phenol-d6
Concen: 110.019 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

Tgt Ion: 99 Resp: 1696509
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 33.9 27.3 40.9

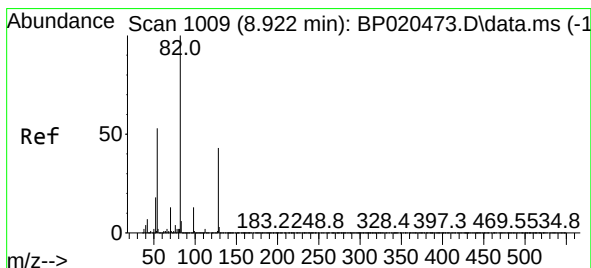
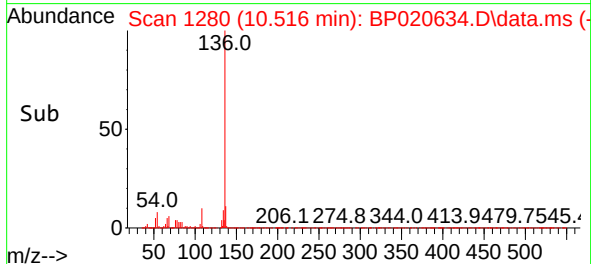
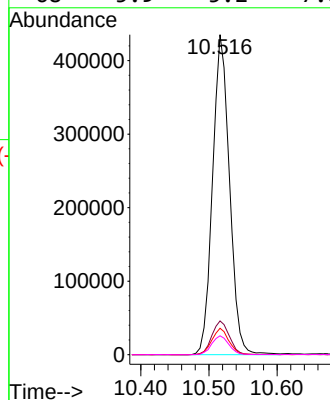
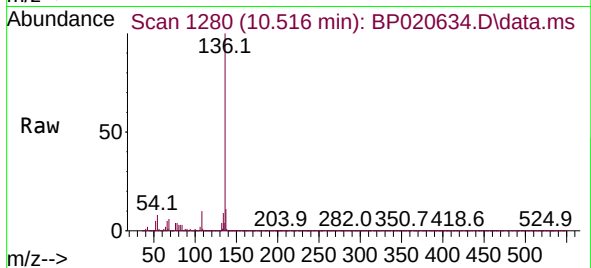




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

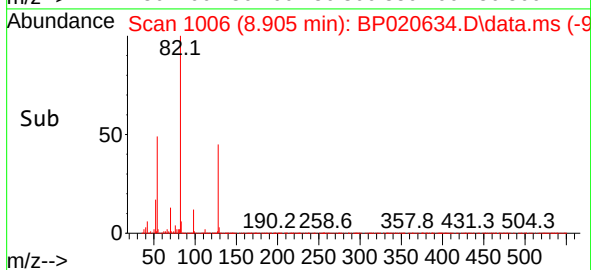
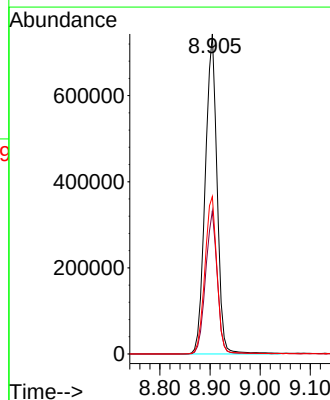
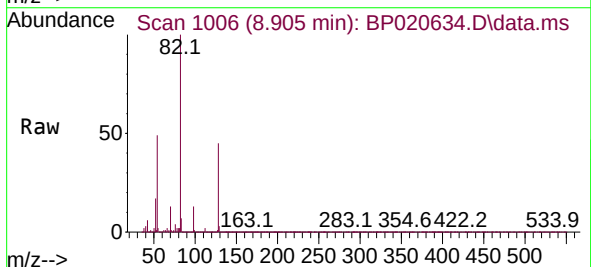
Instrument :
BNA_P
ClientSampleId :
348

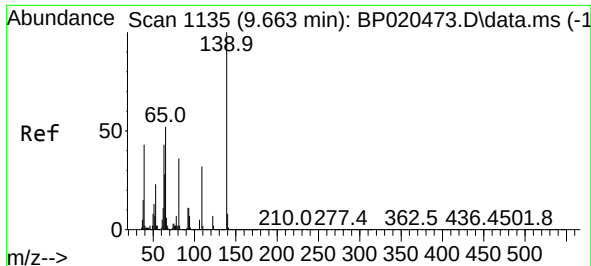
Tgt Ion:	136	Resp:	752994
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.2	7.4	11.0
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 88.987 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

Tgt Ion:	82	Resp:	1224088
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.4
54	49.2	42.7	64.1

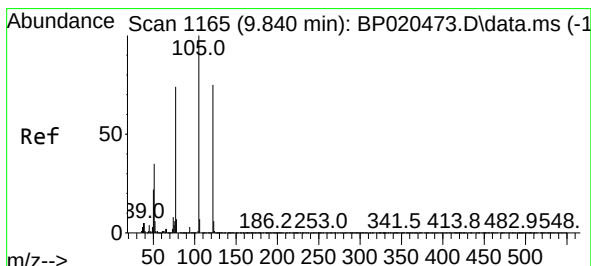
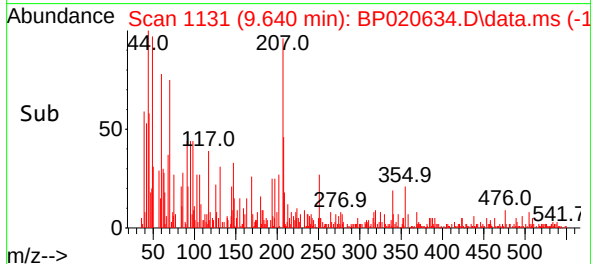
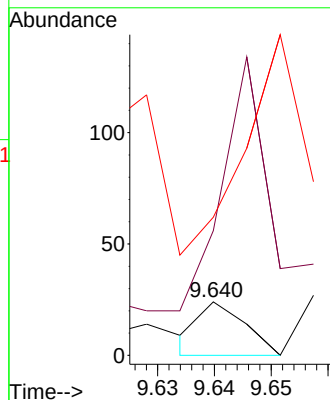
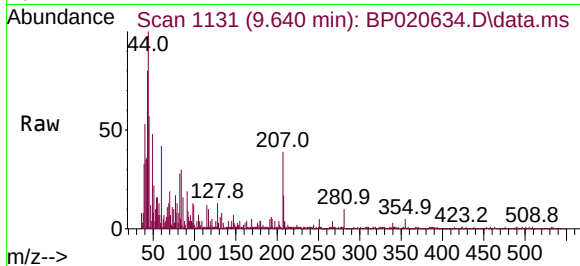




#26
2-Nitrophenol
Concen: 3.793 ng
RT: 9.640 min Scan# 1135
Delta R.T. -0.023 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

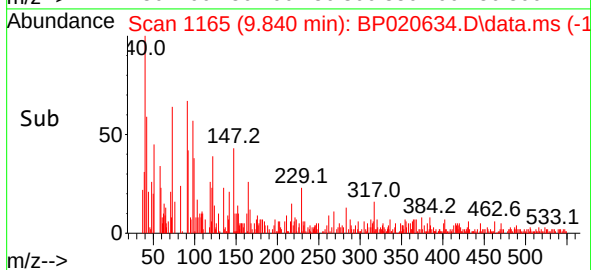
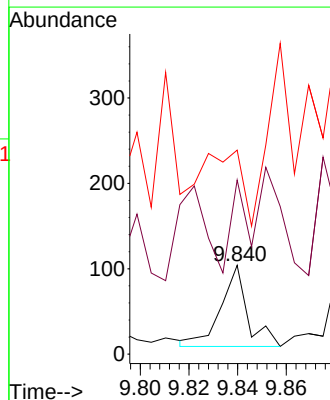
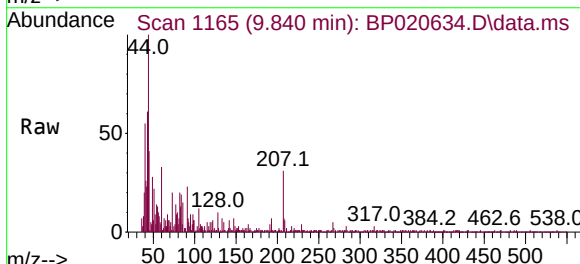
Instrument :
BNA_P
ClientSampleId :
348

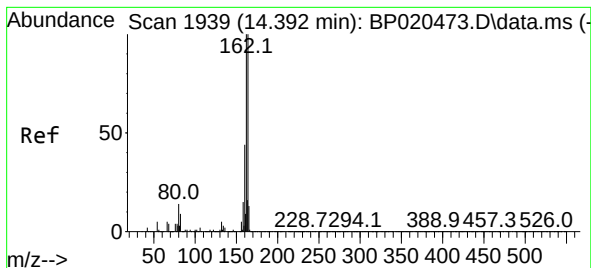
Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 160.0 25.8 38.8#
65 177.1 41.8 62.8#



#32
Benzoic acid
Concen: 6.856 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 196.2 107.5 147.5#
77 229.8 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: BP020634.D

Acq: 14 Jun 2024 21:12

Instrument :

BNA_P

ClientSampleId :

348

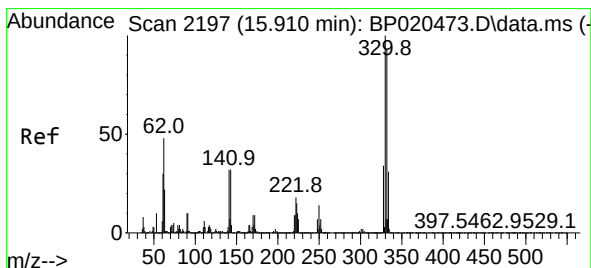
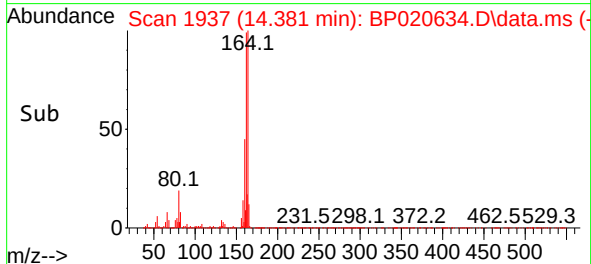
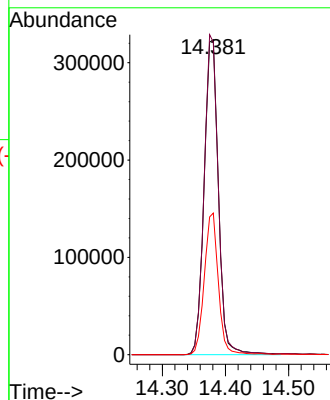
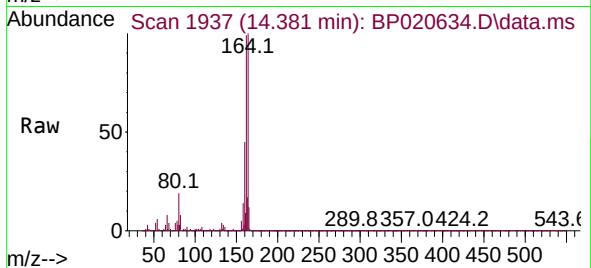
Tgt Ion:164 Resp: 510042

Ion Ratio Lower Upper

164 100

162 99.2 80.3 120.5

160 45.0 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 181.513 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BP020634.D

Acq: 14 Jun 2024 21:12

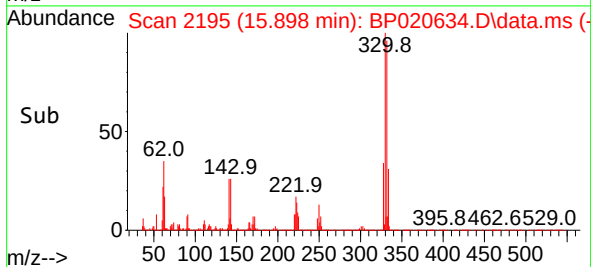
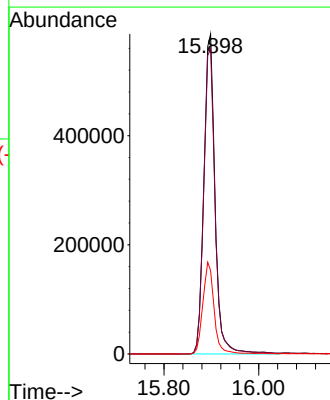
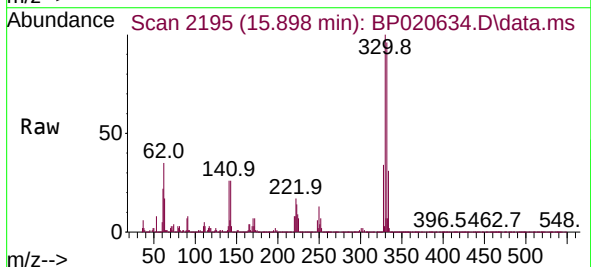
Tgt Ion:330 Resp: 960793

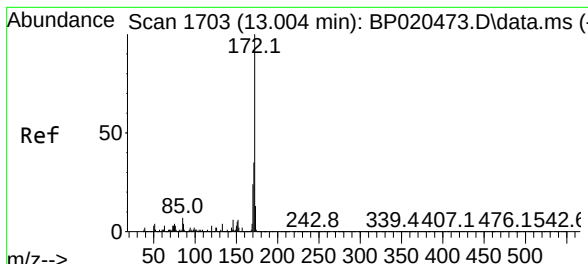
Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

141 28.8 27.1 40.7



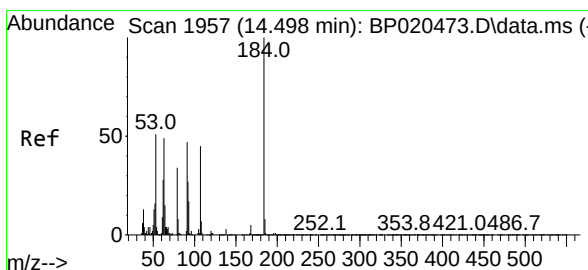
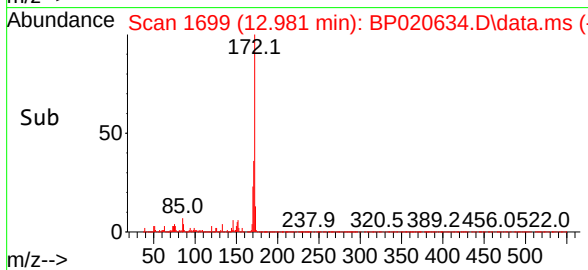
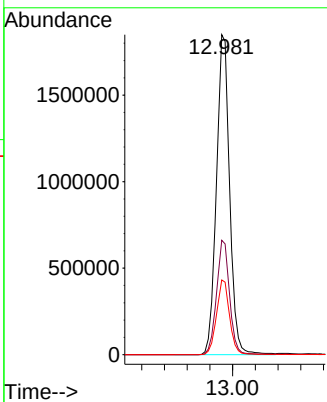
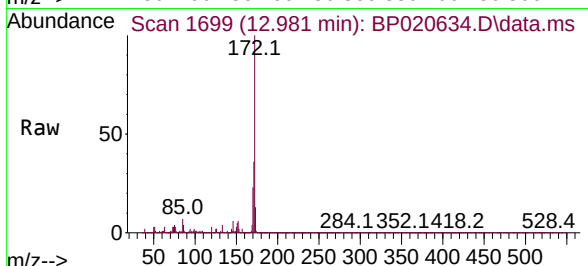


#45
2-Fluorobiphenyl
Concen: 87.323 ng
RT: 12.981 min Scan# 1699
Delta R.T. -0.024 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

Instrument :
BNA_P
ClientSampleId :
348

Tgt Ion:172 Resp: 2987686

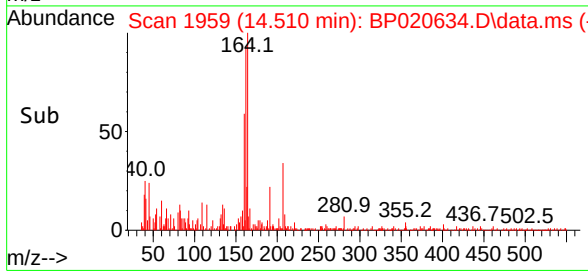
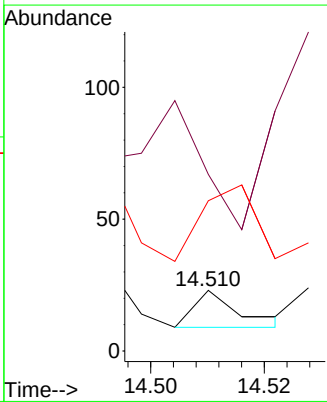
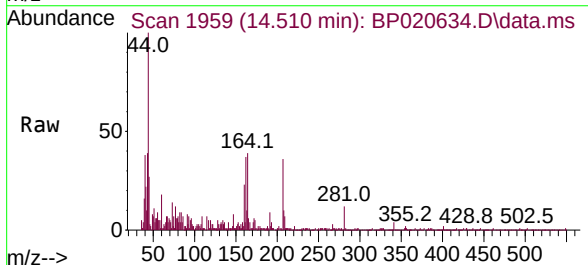
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.3	18.9	28.3

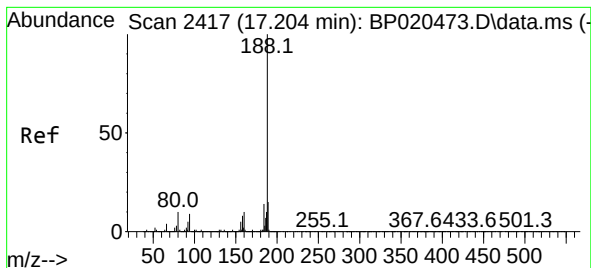


#54
2,4-Dinitrophenol
Concen: 4.977 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020634.D
Acq: 14 Jun 2024 21:12

Tgt Ion:184 Resp: 8

Ion	Ratio	Lower	Upper
184	100		
63	291.3	54.2	81.4#
154	247.8	51.0	76.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP020634.D

Acq: 14 Jun 2024 21:12

Instrument :

BNA_P

ClientSampleId :

348

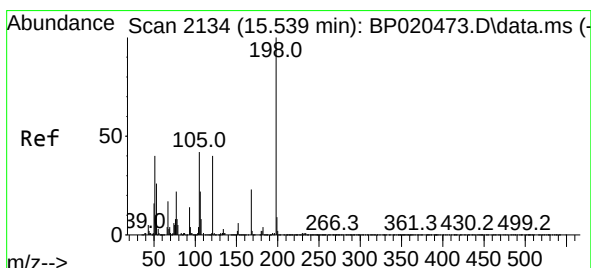
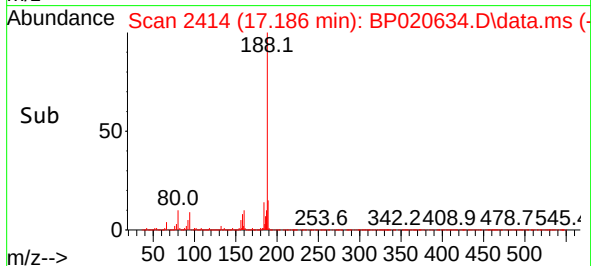
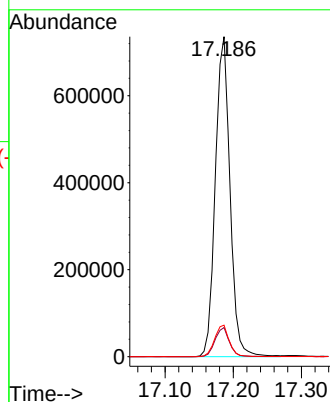
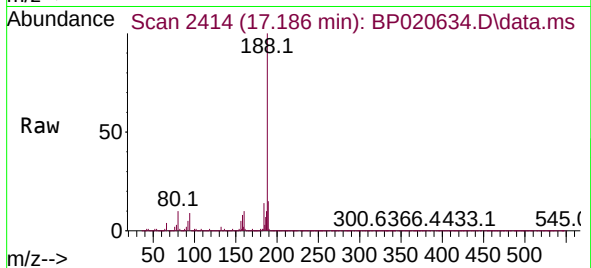
Tgt Ion:188 Resp: 1100244

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 9.9 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.654 ng

RT: 15.522 min Scan# 2131

Delta R.T. -0.017 min

Lab File: BP020634.D

Acq: 14 Jun 2024 21:12

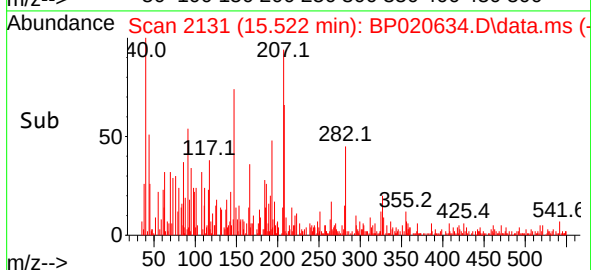
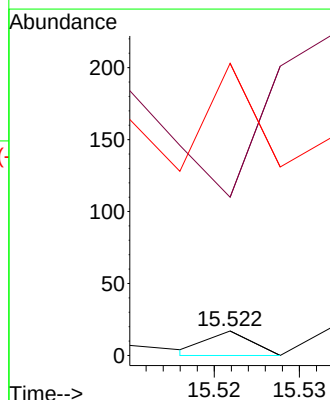
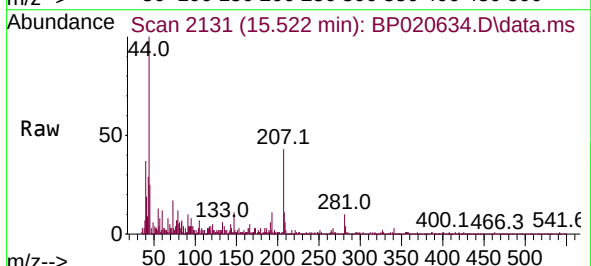
Tgt Ion:198 Resp: 6

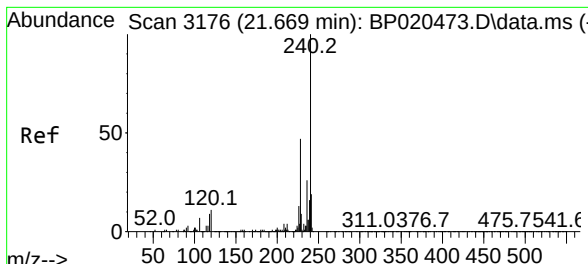
Ion Ratio Lower Upper

198 100

51 647.1 24.8 64.8#

105 1194.1 23.2 63.2#



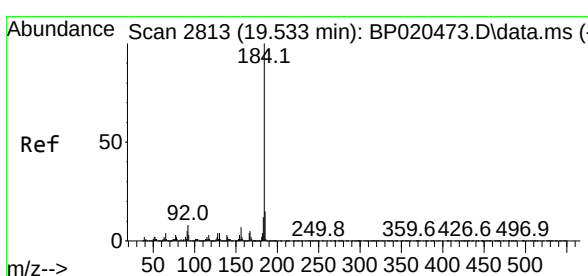
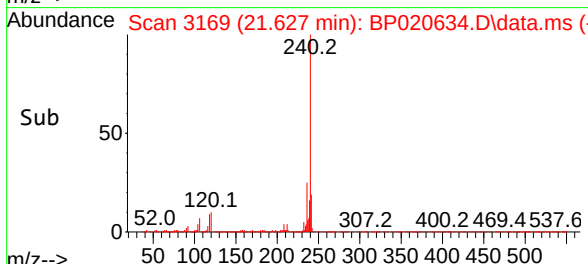
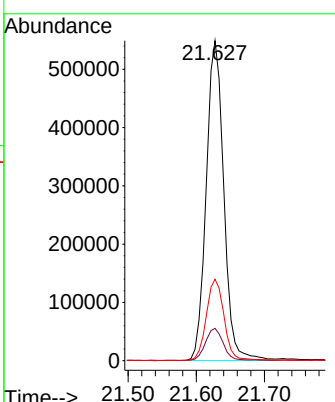
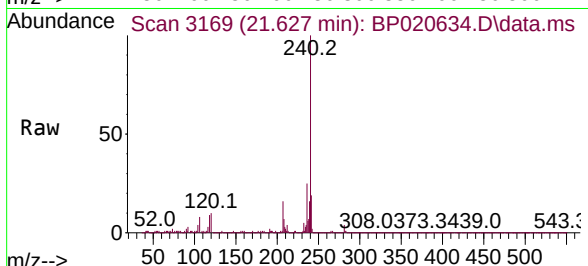


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.627 min Scan# 3176
 Delta R.T. -0.041 min
 Lab File: BP020634.D
 Acq: 14 Jun 2024 21:12

Instrument :
 BNA_P
 ClientSampleId :
 348

Tgt Ion: 240 Resp: 985608

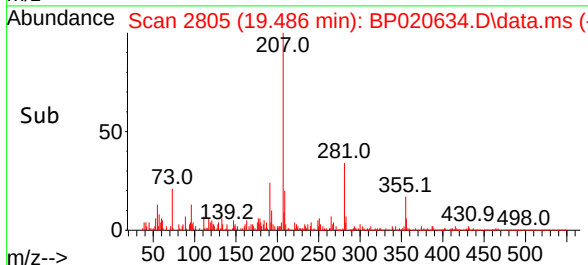
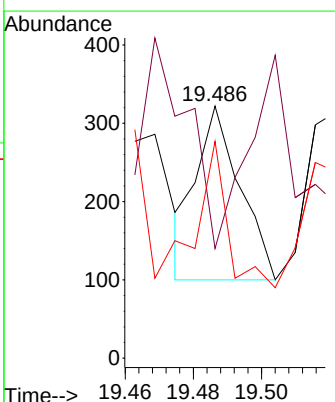
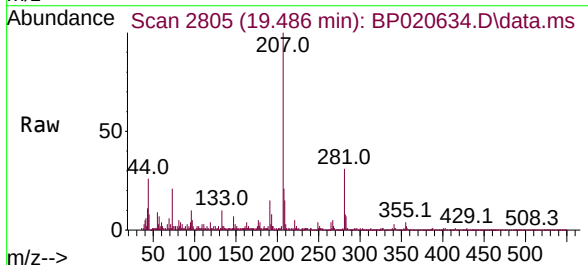
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	25.4	20.5	30.7

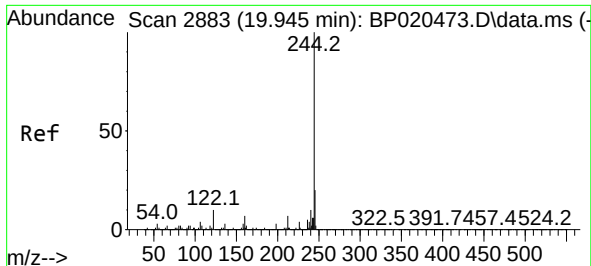


#77
 Benzdine
 Concen: 5.975 ng
 RT: 19.486 min Scan# 2805
 Delta R.T. -0.047 min
 Lab File: BP020634.D
 Acq: 14 Jun 2024 21:12

Tgt Ion: 184 Resp: 197

Ion	Ratio	Lower	Upper
184	100		
185	43.5	12.0	18.0#
183	86.0	9.4	14.0#

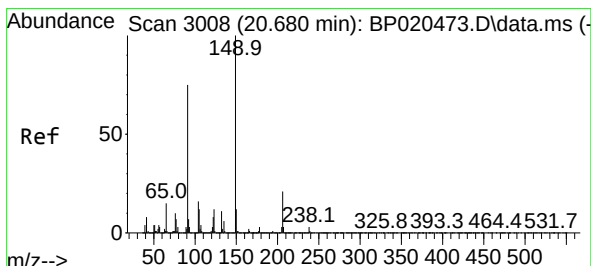
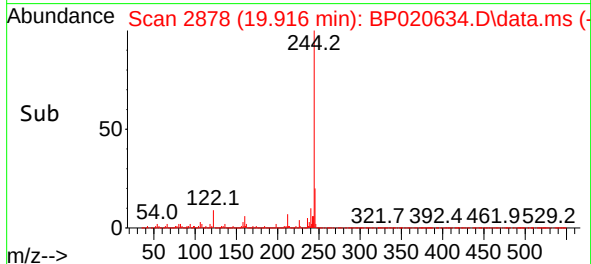
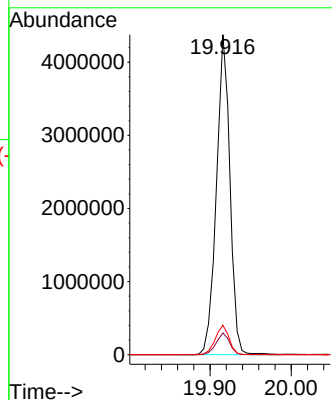
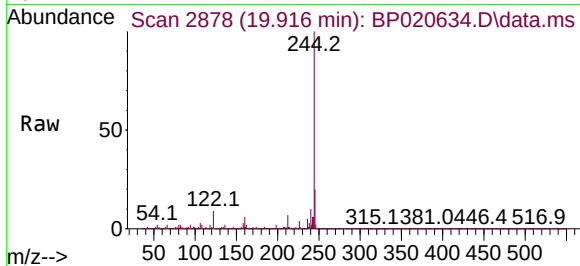




#79
 Terphenyl-d14
 Concen: 85.406 ng
 RT: 19.916 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BP020634.D
 Acq: 14 Jun 2024 21:12

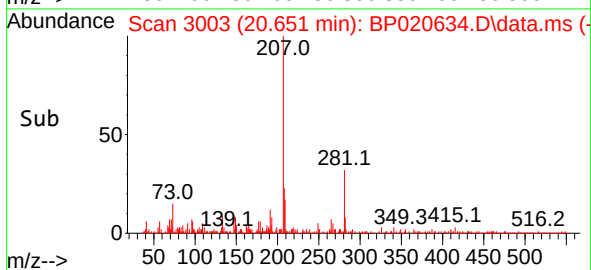
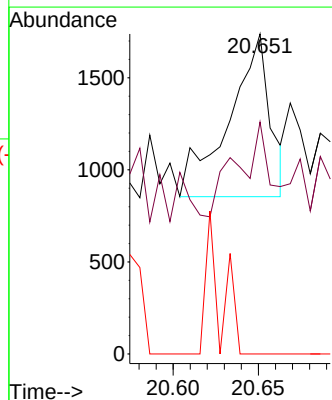
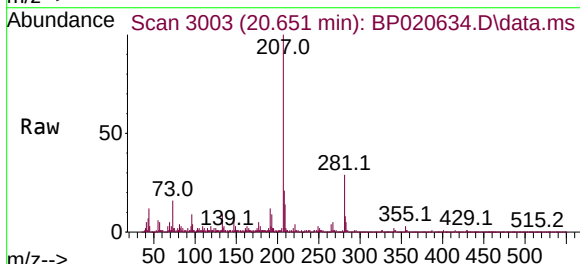
Instrument :
 BNA_P
 ClientSampleId :
 348

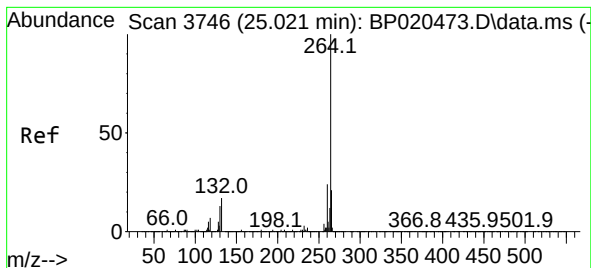
Tgt Ion:244 Resp: 5056501
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.478 ng
 RT: 20.651 min Scan# 3003
 Delta R.T. -0.029 min
 Lab File: BP020634.D
 Acq: 14 Jun 2024 21:12

Tgt Ion:149 Resp: 1485
 Ion Ratio Lower Upper
 149 100
 91 72.5 60.0 90.0
 206 0.0 16.6 25.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.968 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP020634.D

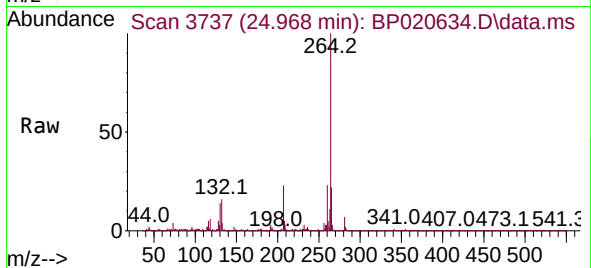
Acq: 14 Jun 2024 21:12

Instrument :

BNA_P

ClientSampleId :

348



Tgt Ion:264 Resp: 1126043

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 22.2 17.4 26.0

