

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020613.D
 Acq On : 13 Jun 2024 15:54
 Operator : MA/JU
 Sample : P2857-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11985

Quant Time: Jun 13 16:26:11 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)

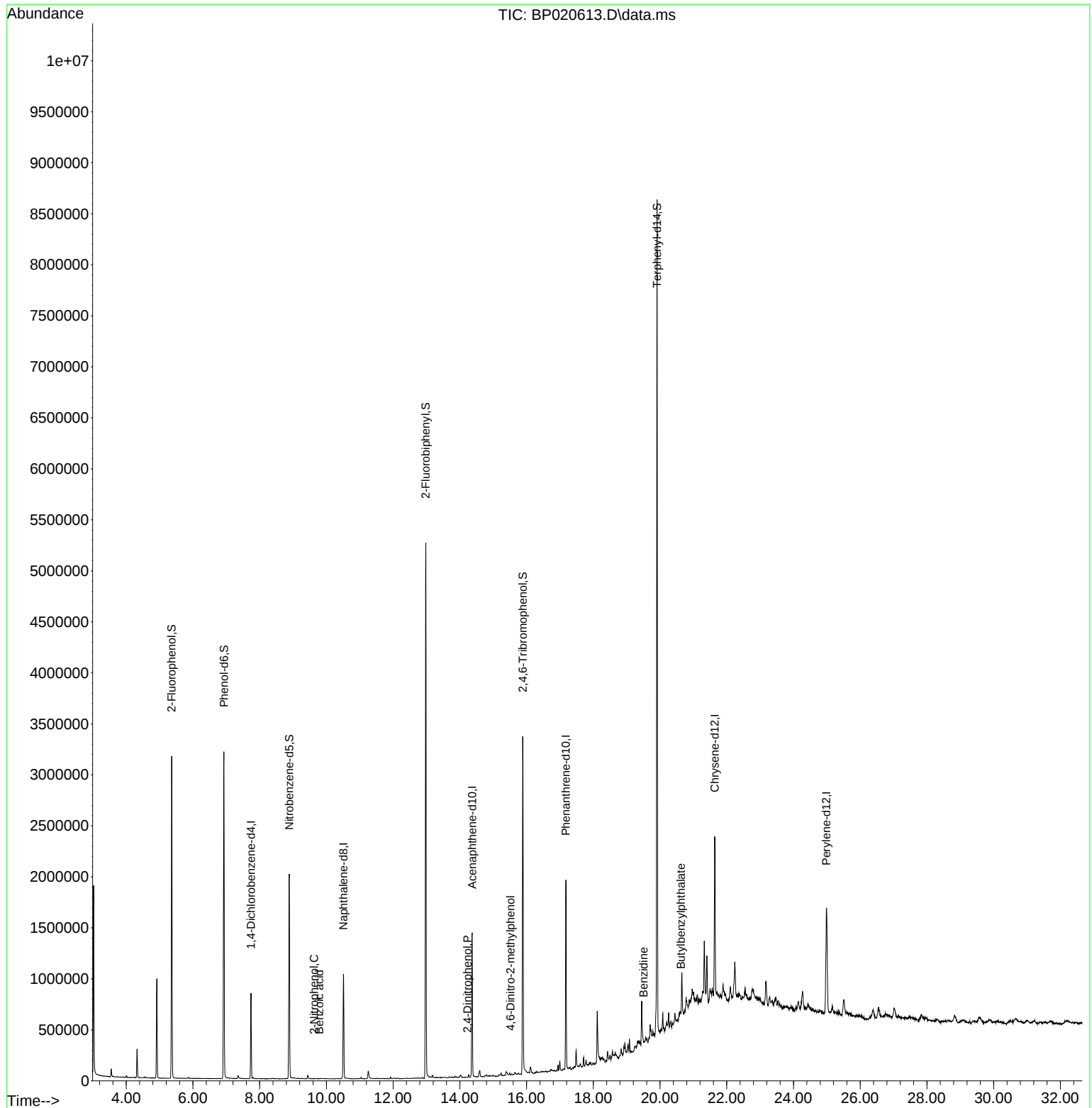
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	217082	20.000	ng	-0.03
21) Naphthalene-d8	10.510	136	850988	20.000	ng	-0.02
39) Acenaphthene-d10	14.369	164	539354	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1117836	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1032311	20.000	ng	-0.03
86) Perylene-d12	24.986	264	1198420	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	1323679	109.175	ng	-0.01
7) Phenol-d6	6.928	99	1838237	107.509	ng	0.00
23) Nitrobenzene-d5	8.887	82	1164173	74.886	ng	-0.04
42) 2,4,6-Tribromophenol	15.887	330	741989	132.558	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	2812077	77.723	ng	-0.02
79) Terphenyl-d14	19.910	244	4434363	71.509	ng	-0.04
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.634	139	48	3.798	ng	# 1
32) Benzoic acid	9.787	122	376	6.885	ng	# 2
54) 2,4-Dinitrophenol	14.228	184	145	5.025	ng	90
65) 4,6-Dinitro-2-methylph...	15.516	198	68	7.665	ng	# 1
77) Benzidine	19.510	184	110	5.973	ng	# 1
80) Butylbenzylphthalate	20.627	149	800	2.455	ng	# 51

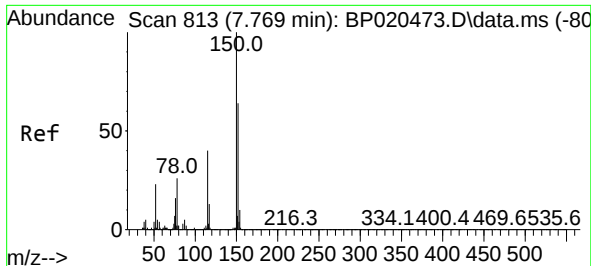
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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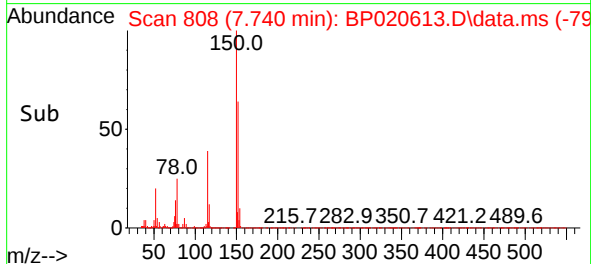
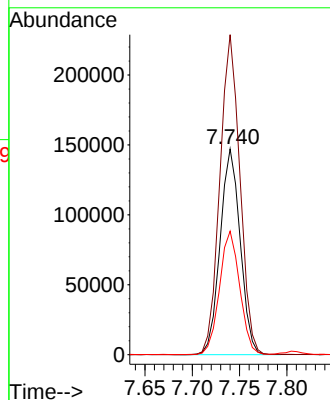
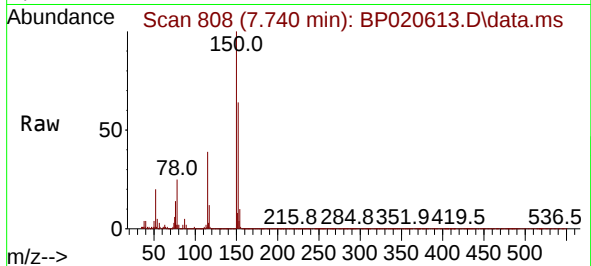




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 813
Delta R.T. -0.029 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

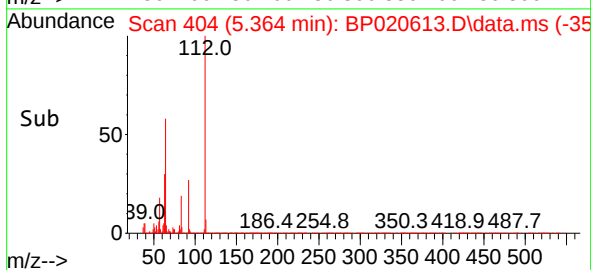
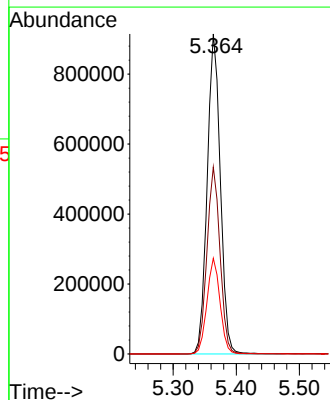
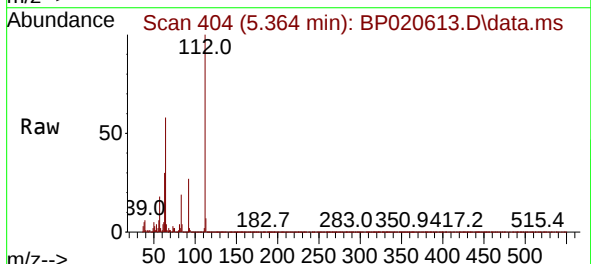
Instrument :
BNA_P
ClientSampleId :
72-11985

Tgt Ion:152 Resp: 217082
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 60.0 49.5 74.3



#5
2-Fluorophenol
Concen: 109.175 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.012 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:112 Resp: 1323679
Ion Ratio Lower Upper
112 100
64 58.4 50.1 75.1
63 29.9 25.7 38.5

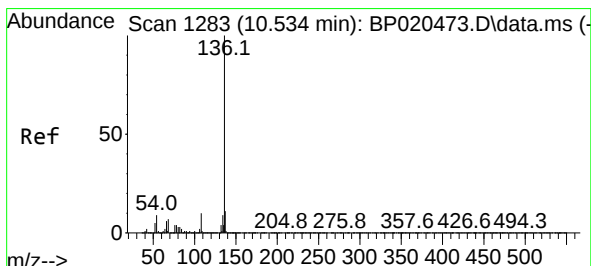
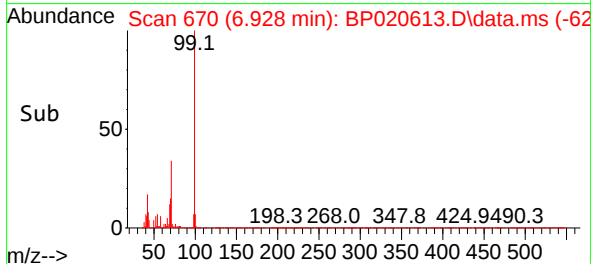
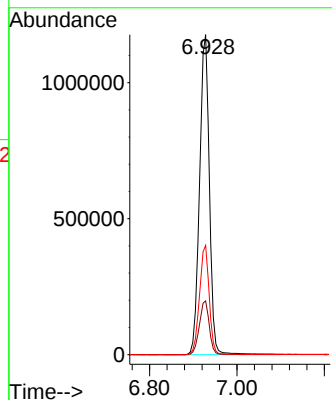
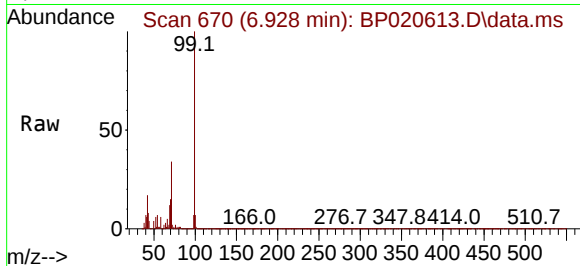




#7
Phenol-d6
Concen: 107.509 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

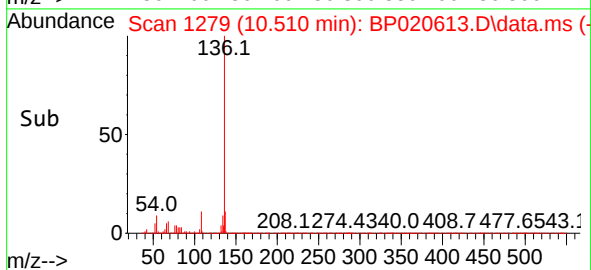
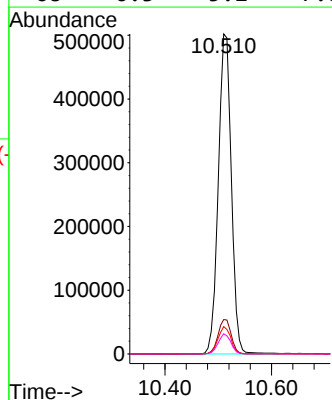
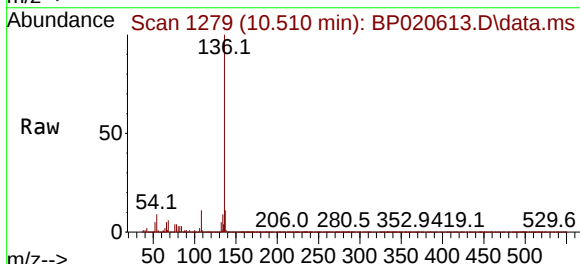
Instrument :
BNA_P
ClientSampleId :
72-11985

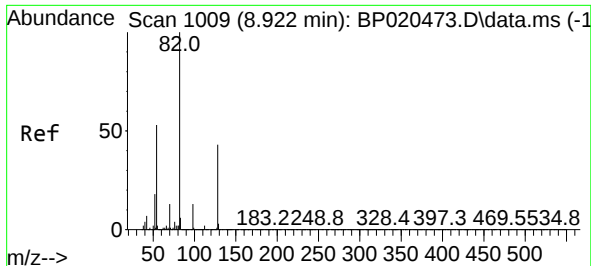
Tgt Ion: 99 Resp: 1838237
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.4
71 34.2 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.024 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:136 Resp: 850988
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.6 7.4 11.0
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 74.886 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.035 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

Instrument :

BNA_P

ClientSampleId :

72-11985

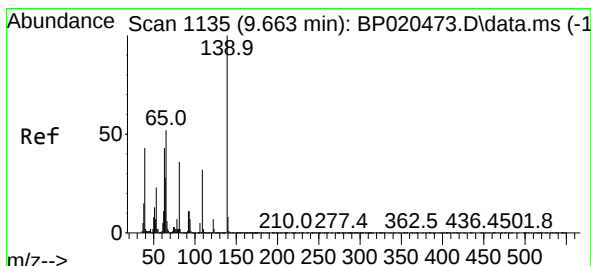
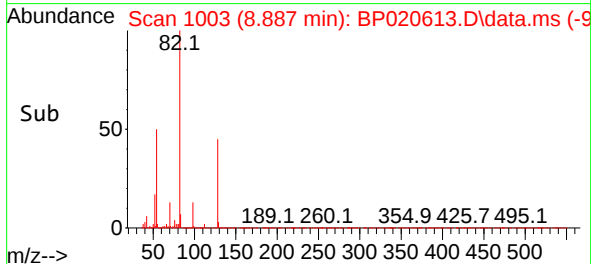
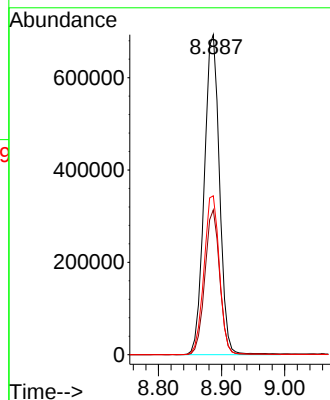
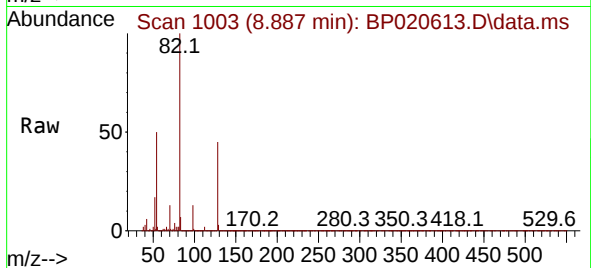
Tgt Ion: 82 Resp: 1164173

Ion Ratio Lower Upper

82 100

128 45.2 34.2 51.4

54 49.7 42.7 64.1



#26

2-Nitrophenol

Concen: 3.798 ng

RT: 9.634 min Scan# 1130

Delta R.T. -0.029 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

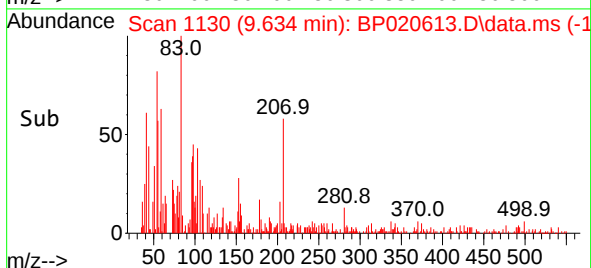
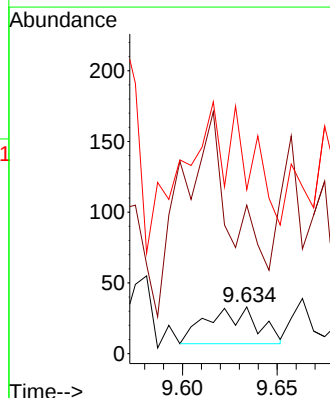
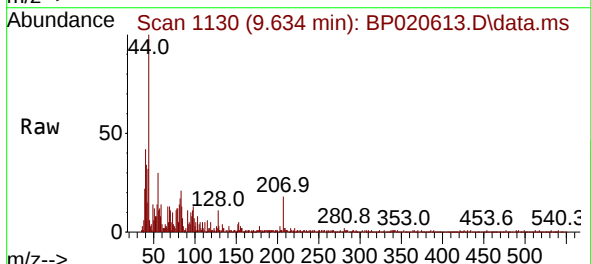
Tgt Ion: 139 Resp: 48

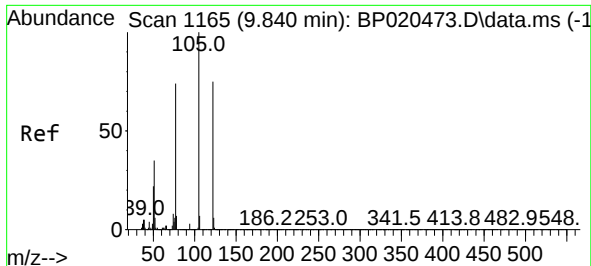
Ion Ratio Lower Upper

139 100

109 318.2 25.8 38.8#

65 351.5 41.8 62.8#

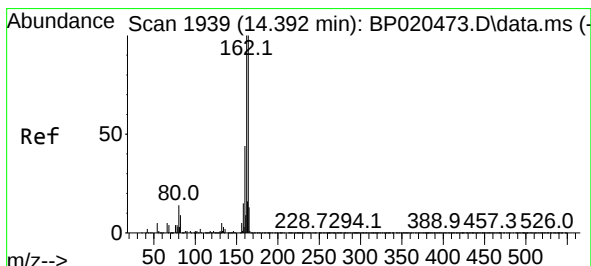
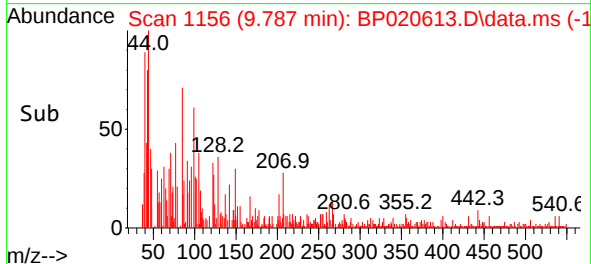
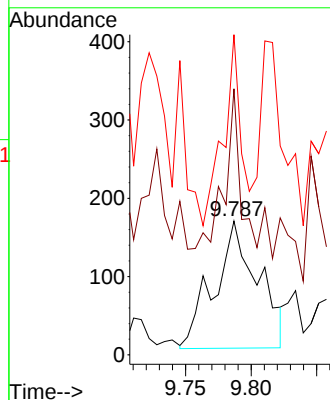
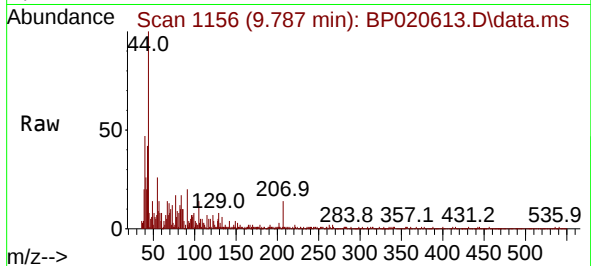




#32
Benzoic acid
Concen: 6.885 ng
RT: 9.787 min Scan# 1165
Delta R.T. -0.053 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

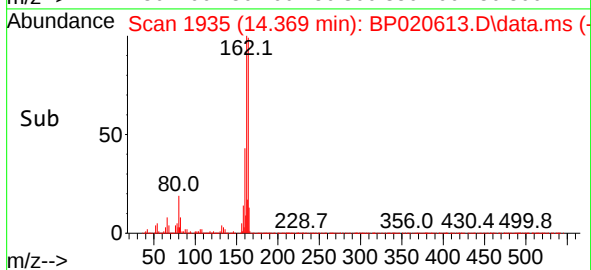
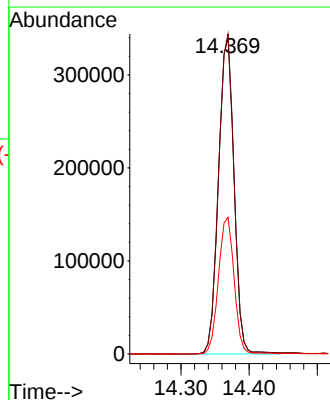
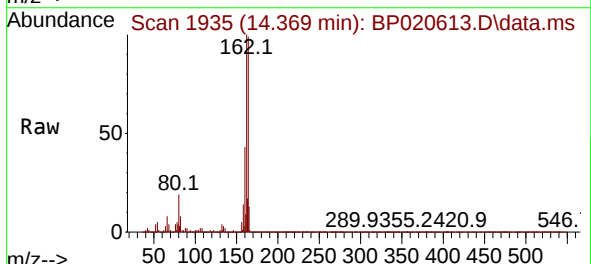
Instrument :
BNA_P
ClientSampleId :
72-11985

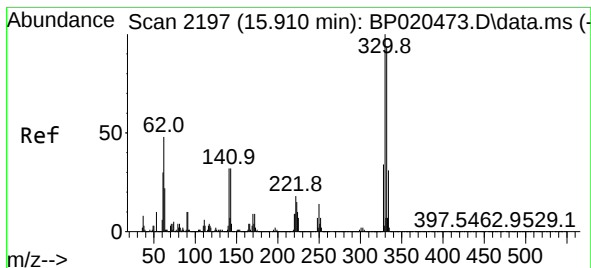
Tgt Ion:122 Resp: 376
Ion Ratio Lower Upper
122 100
105 198.8 107.5 147.5#
77 239.2 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.023 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:164 Resp: 539354
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 43.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 132.558 ng

RT: 15.887 min Scan# 2197

Delta R.T. -0.023 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

Instrument :

BNA_P

ClientSampleId :

72-11985

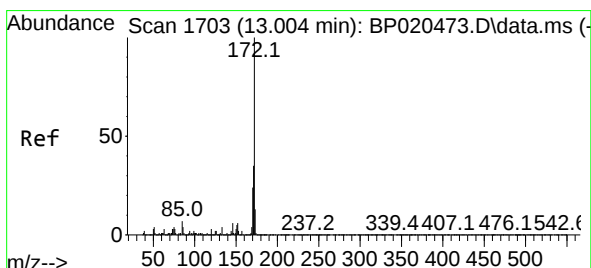
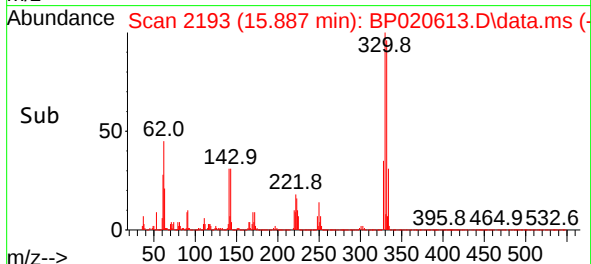
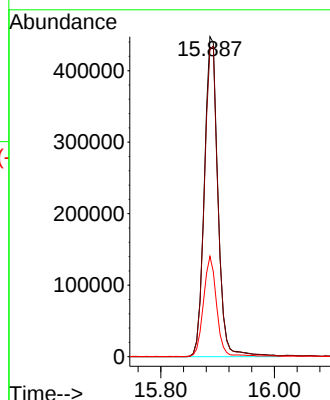
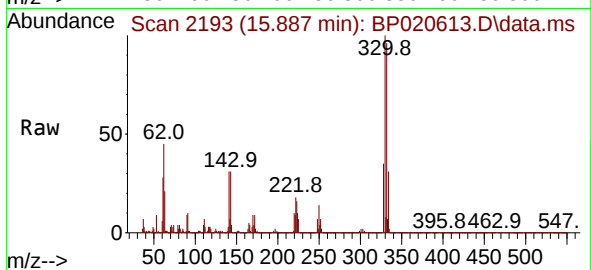
Tgt Ion:330 Resp: 741989

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

141 30.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 77.723 ng

RT: 12.981 min Scan# 1699

Delta R.T. -0.024 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

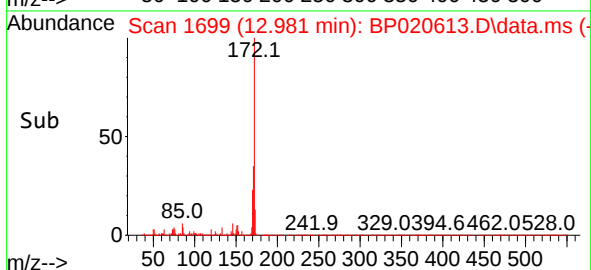
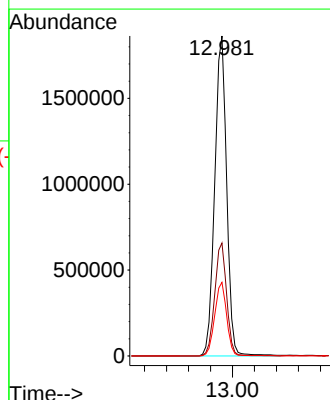
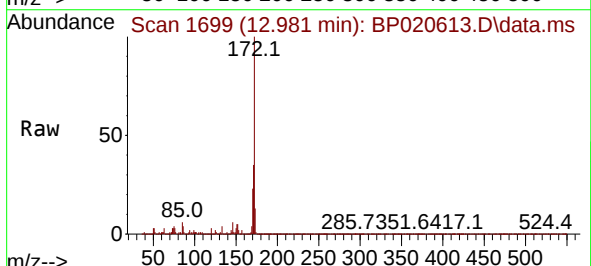
Tgt Ion:172 Resp: 2812077

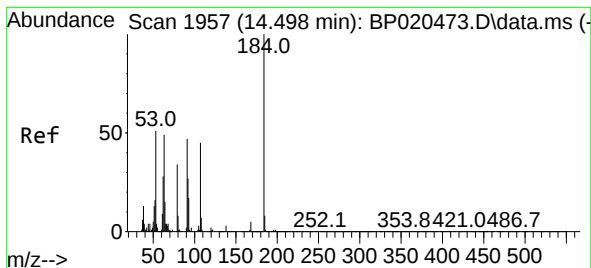
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.0 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 5.025 ng

RT: 14.228 min Scan# 1957

Delta R.T. -0.270 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

Instrument :

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ClientSampleId :

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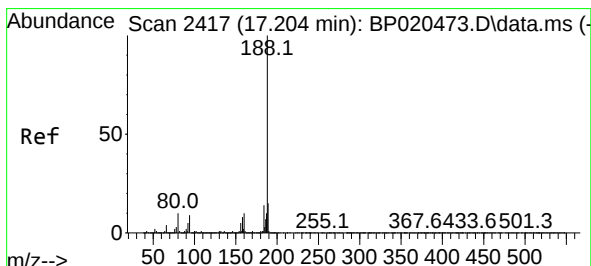
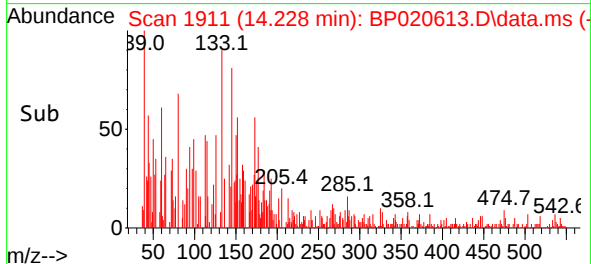
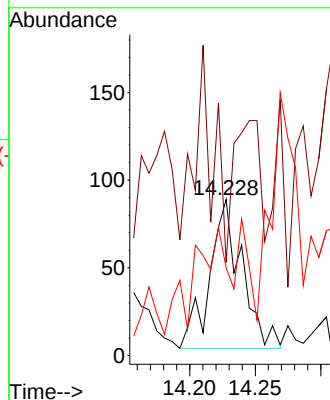
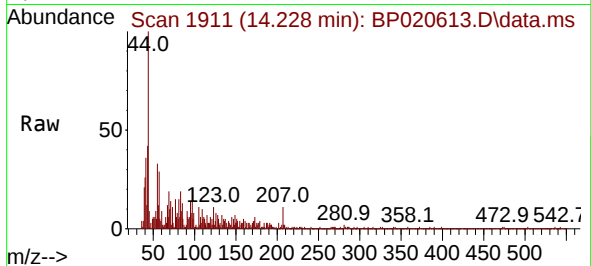
Tgt Ion:184 Resp: 145

Ion Ratio Lower Upper

184 100

63 59.6 54.2 81.4

154 56.2 51.0 76.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2413

Delta R.T. -0.024 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

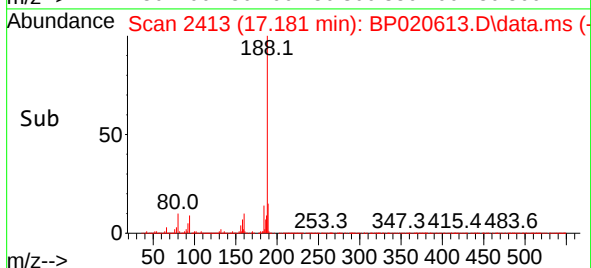
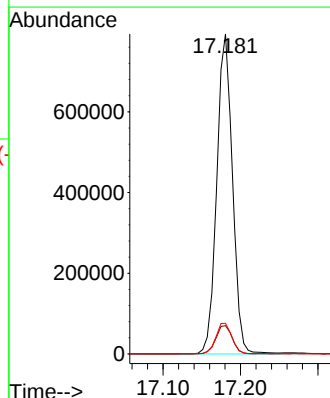
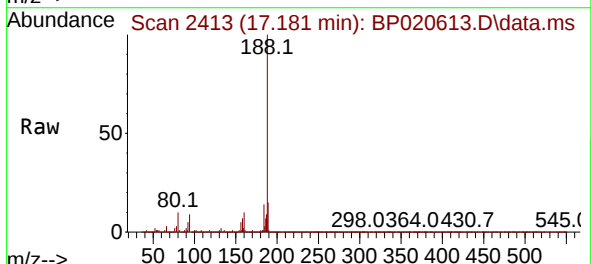
Tgt Ion:188 Resp: 1117836

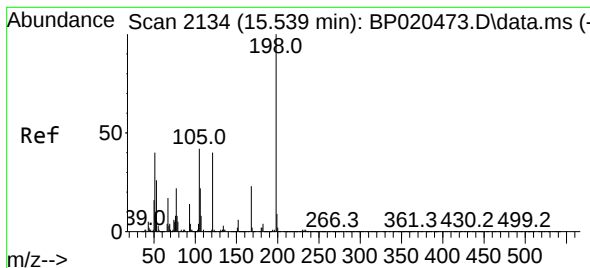
Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 9.6 8.1 12.1

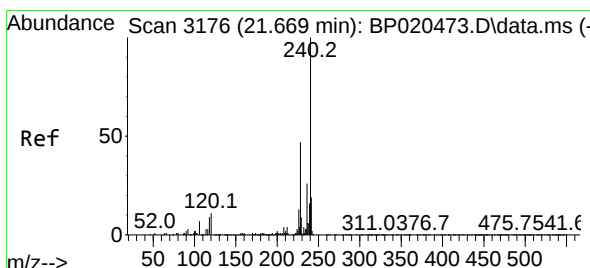
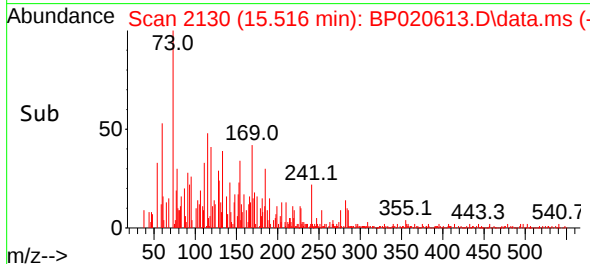
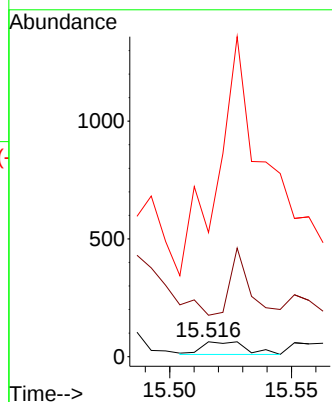
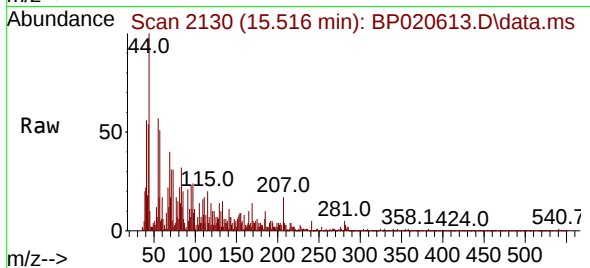




#65
4,6-Dinitro-2-methylphenol
Concen: 7.665 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.023 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

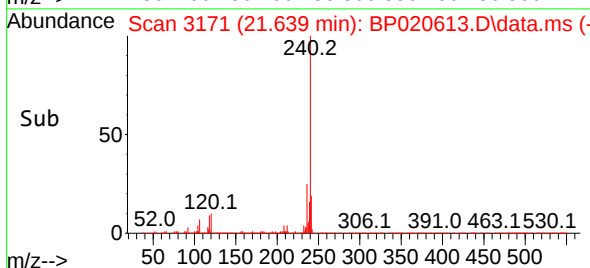
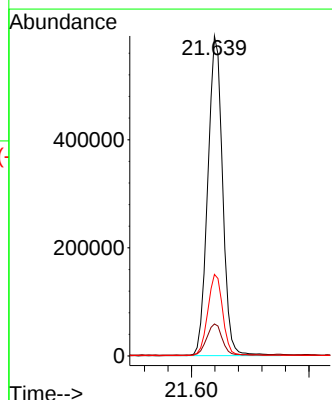
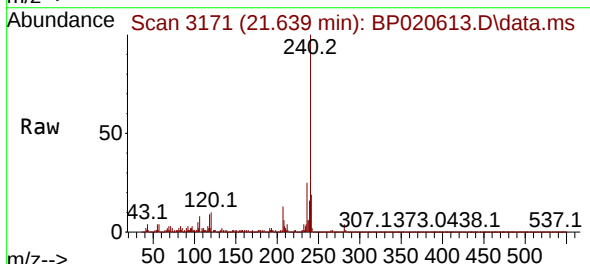
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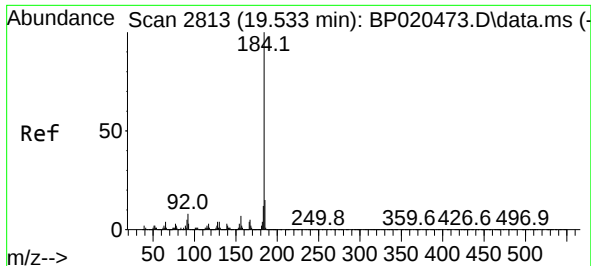
Tgt Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
51 279.4 24.8 64.8#
105 836.5 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:240 Resp: 1032311
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 25.5 20.5 30.7





#77

Benzidine

Concen: 5.973 ng

RT: 19.510 min Scan# 2809

Delta R.T. -0.023 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

Instrument :

BNA_P

ClientSampleId :

72-11985

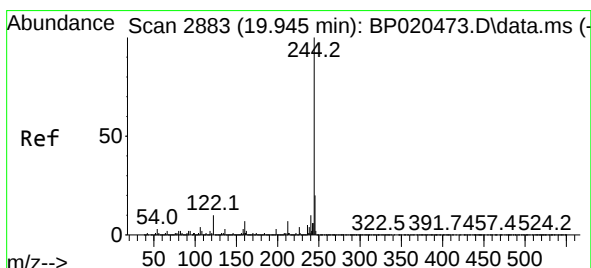
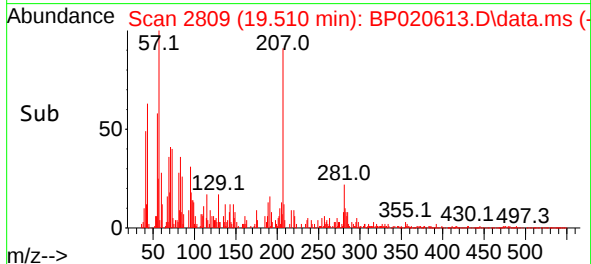
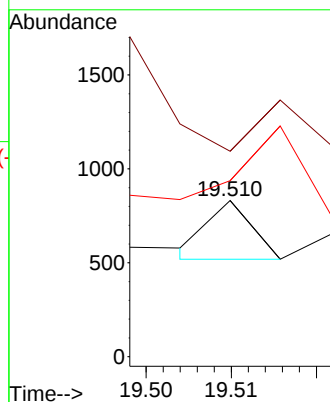
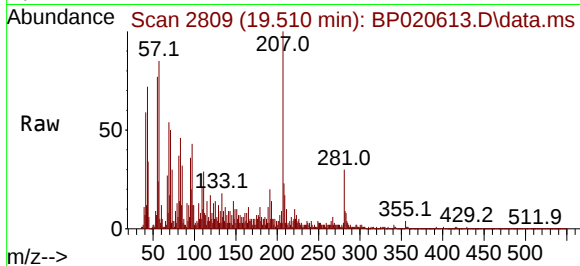
Tgt Ion:184 Resp: 110

Ion Ratio Lower Upper

184 100

185 131.5 12.0 18.0#

183 112.6 9.4 14.0#



#79

Terphenyl-d14

Concen: 71.509 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.035 min

Lab File: BP020613.D

Acq: 13 Jun 2024 15:54

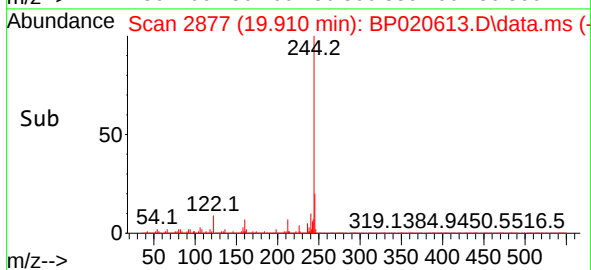
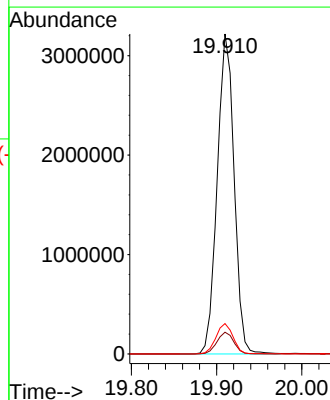
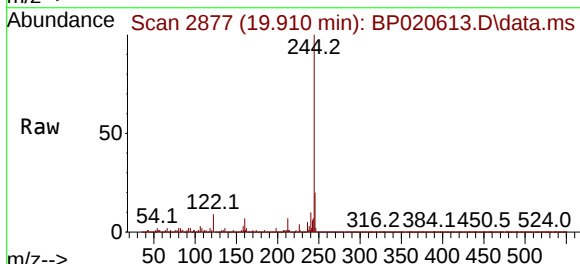
Tgt Ion:244 Resp: 4434363

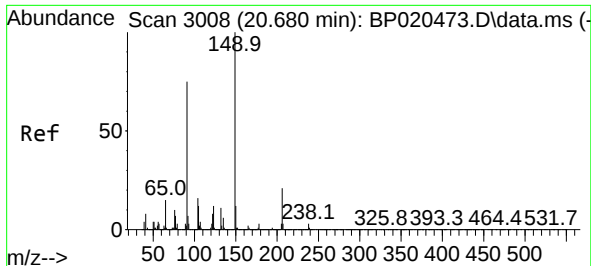
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.5 8.2 12.2

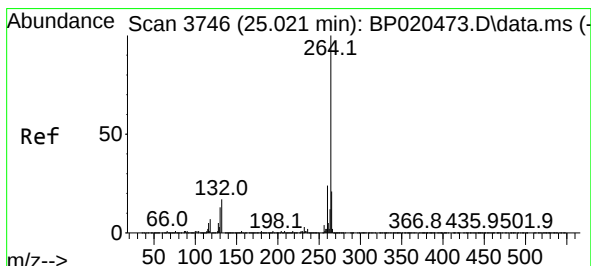
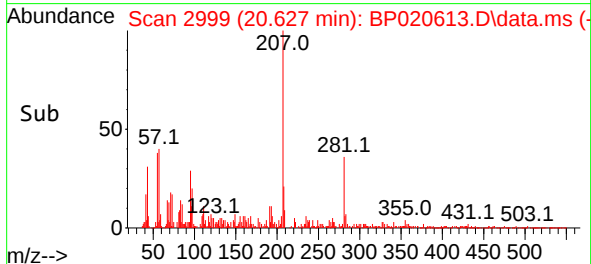
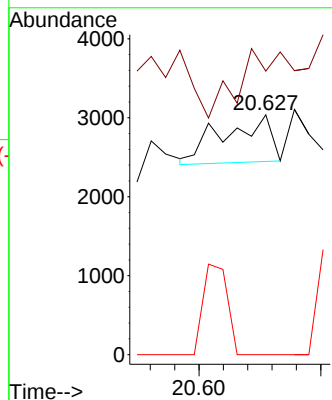
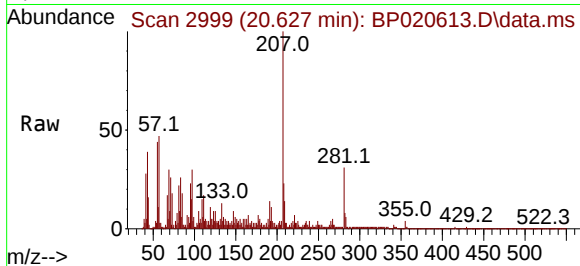




#80
Butylbenzylphthalate
Concen: 2.455 ng
RT: 20.627 min Scan# 24
Delta R.T. -0.053 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Instrument :
BNA_P
ClientSampleId :
72-11985

Tgt Ion:149 Resp: 800
Ion Ratio Lower Upper
149 100
91 118.3 60.0 90.0#
206 0.0 16.6 25.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3740
Delta R.T. -0.035 min
Lab File: BP020613.D
Acq: 13 Jun 2024 15:54

Tgt Ion:264 Resp: 1198420
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 22.6 17.4 26.0

