

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020501.D
 Acq On : 04 Jun 2024 18:13
 Operator : MA/JU
 Sample : P2668-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-2

Quant Time: Jun 05 01:23:12 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)

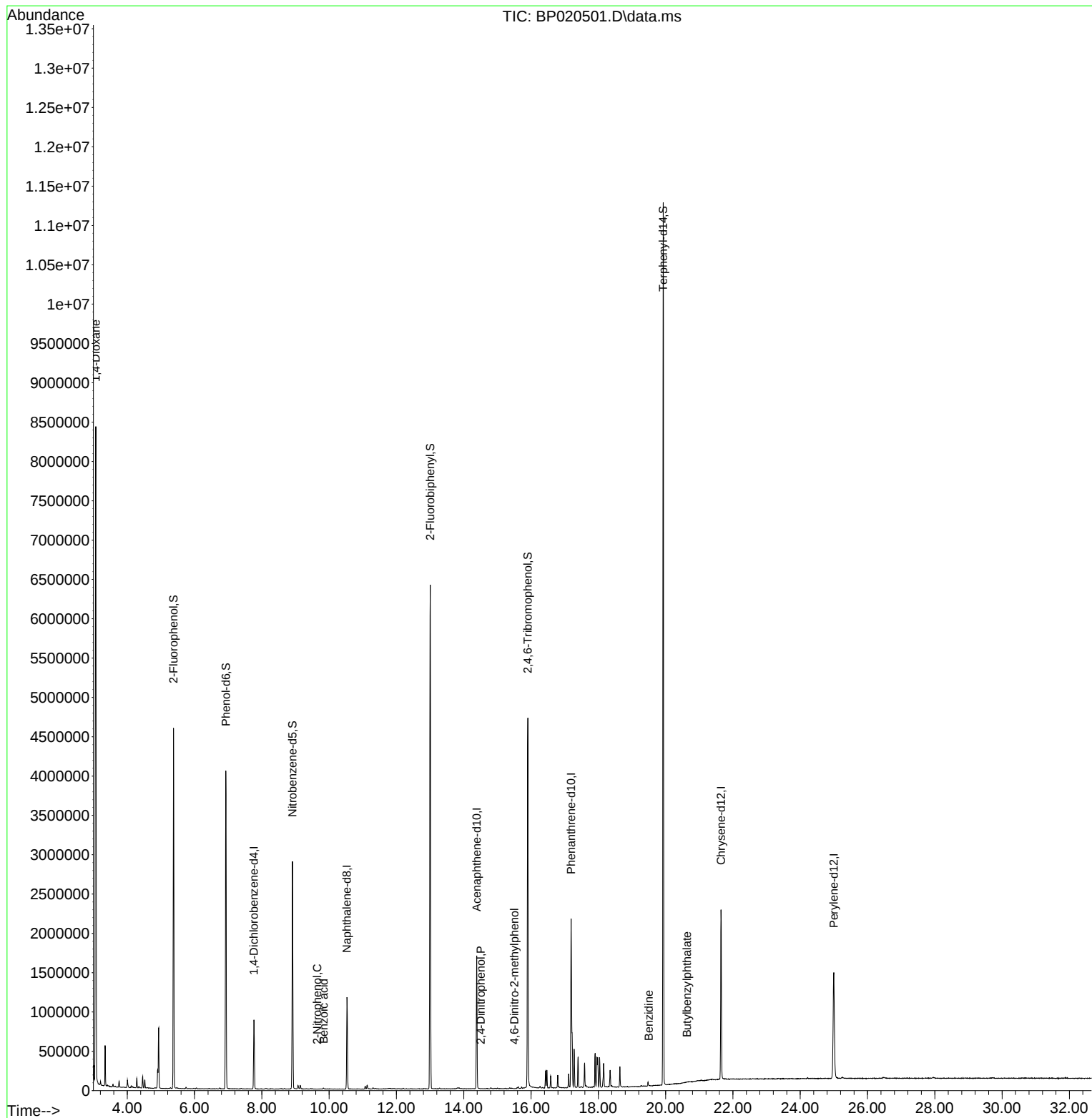
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	250765	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	965170	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	596713	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1327694	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1249416	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1338491	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1852882	132.295	ng	0.00
7) Phenol-d6	6.928	99	2222966	112.546	ng	0.00
23) Nitrobenzene-d5	8.910	82	1606218	91.097	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	873785	141.099	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3525828	88.083	ng	0.00
79) Terphenyl-d14	19.928	244	5785734	77.089	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.064	88	72818	12.867	ng	# 1
26) 2-Nitrophenol	9.646	139	31	3.795	ng	# 87
32) Benzoic acid	9.840	122	122	6.859	ng	# 1
54) 2,4-Dinitrophenol	14.504	184	3	4.975	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.504	198	11	7.655	ng	# 1
77) Benzidine	19.498	184	11	5.971	ng	# 1
80) Butylbenzylphthalate	20.633	149	210	2.436	ng	96

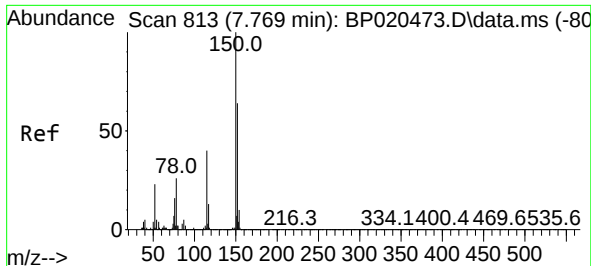
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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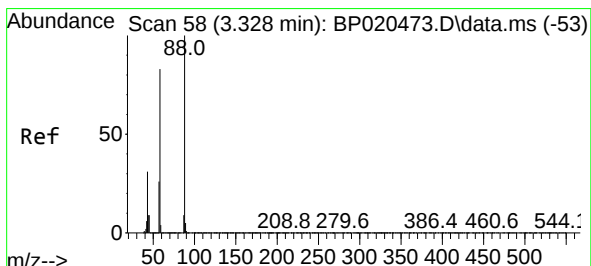
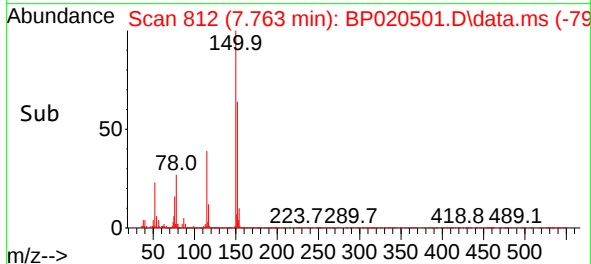
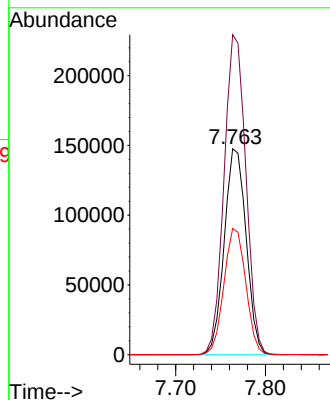
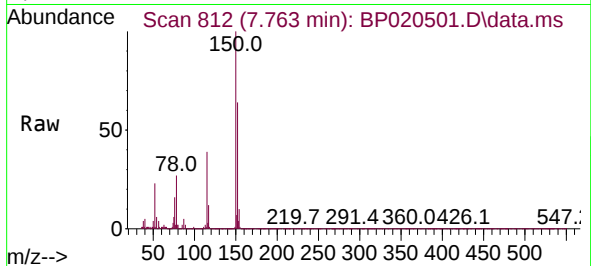




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

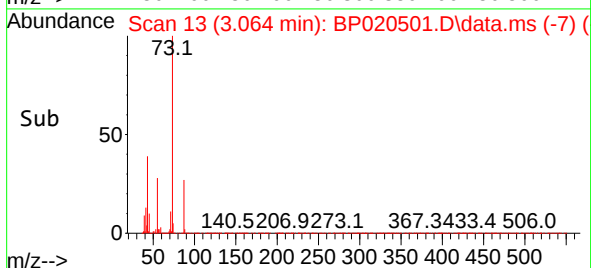
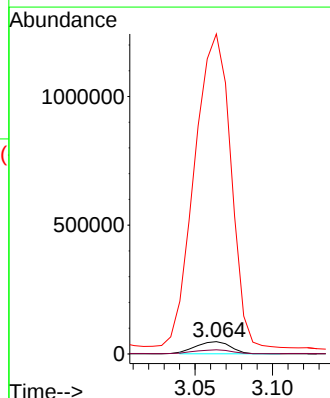
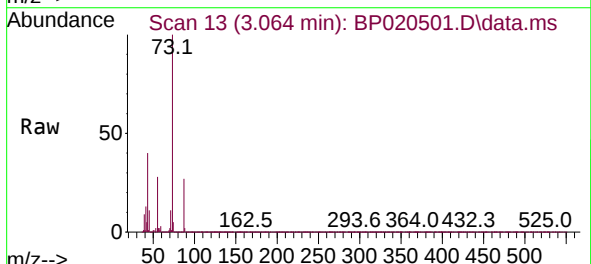
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

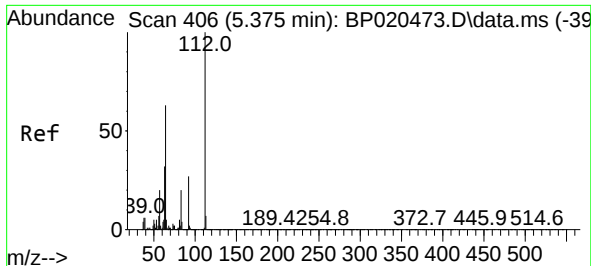
Tgt Ion:152 Resp: 250765
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 61.3 49.5 74.3



#2
1,4-Dioxane
Concen: 12.867 ng
RT: 3.064 min Scan# 13
Delta R.T. -0.265 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

Tgt Ion: 88 Resp: 72818
Ion Ratio Lower Upper
88 100
58 31.0 64.6 97.0#
43 2711.2 24.5 36.7#

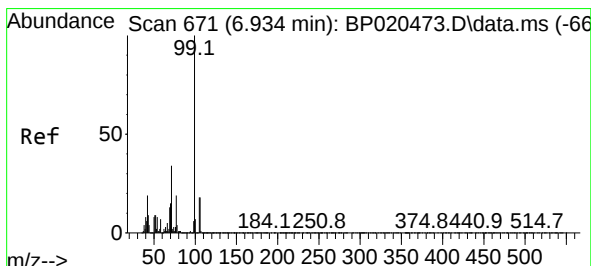
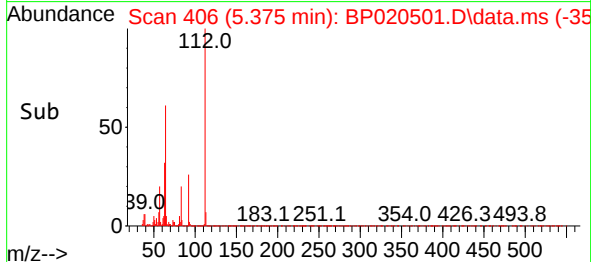
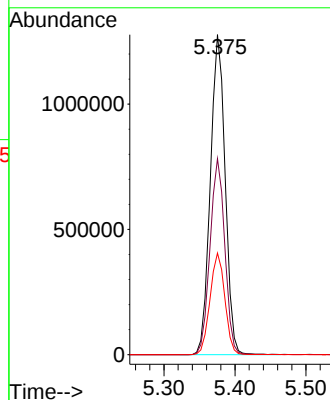
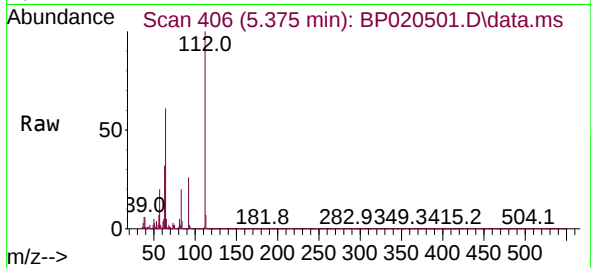




#5
2-Fluorophenol
Concen: 132.295 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

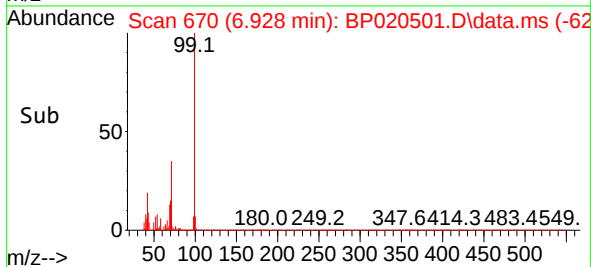
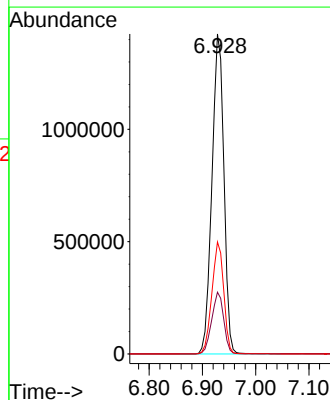
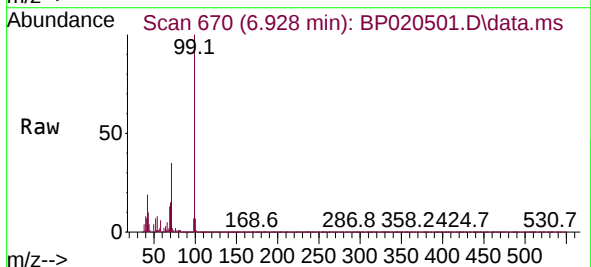
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

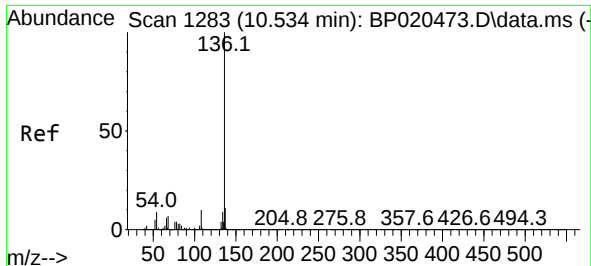
Tgt Ion:112 Resp: 1852882
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 31.8 25.7 38.5



#7
Phenol-d6
Concen: 112.546 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

Tgt Ion: 99 Resp: 2222966
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 35.0 27.3 40.9

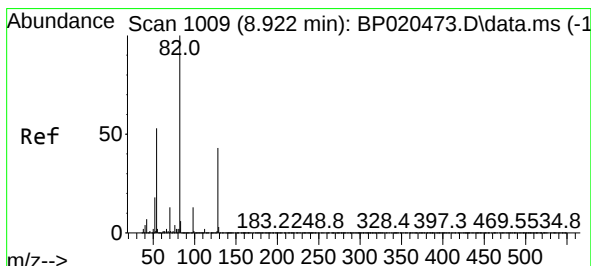
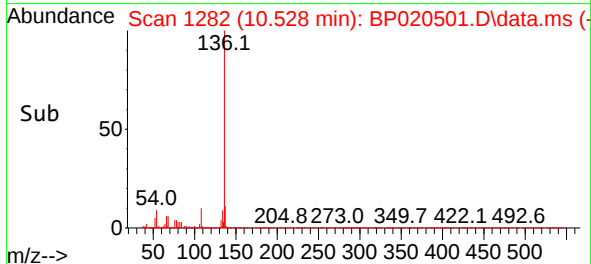
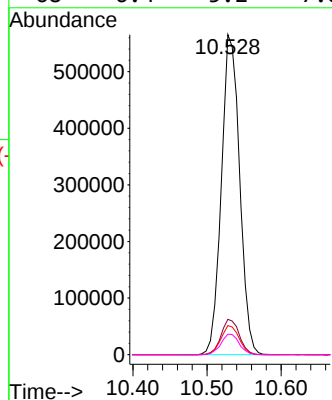
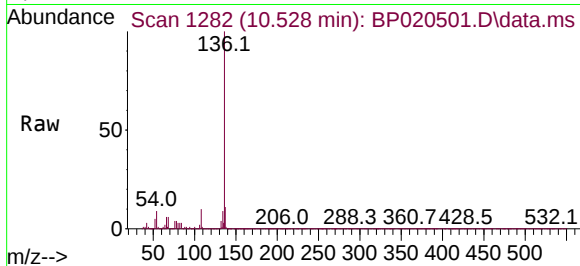




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

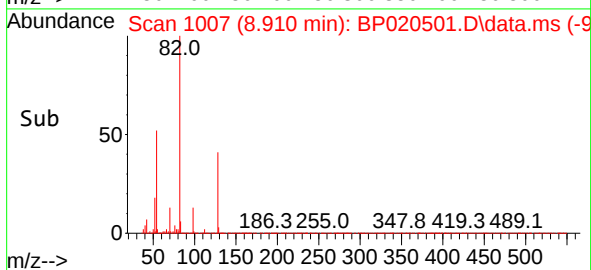
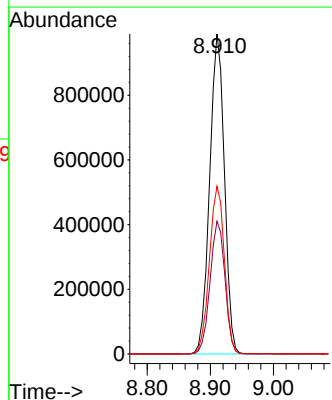
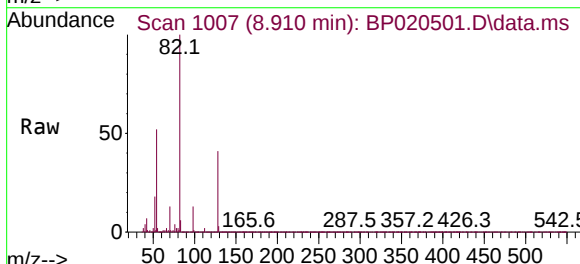
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

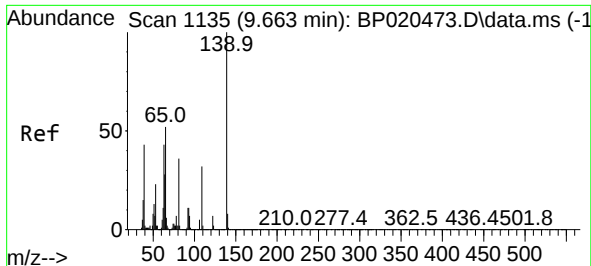
Tgt Ion:	136	Resp:	965170
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.1	7.4	11.0
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 91.097 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

Tgt Ion:	82	Resp:	1606218
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.2	51.4
54	52.4	42.7	64.1

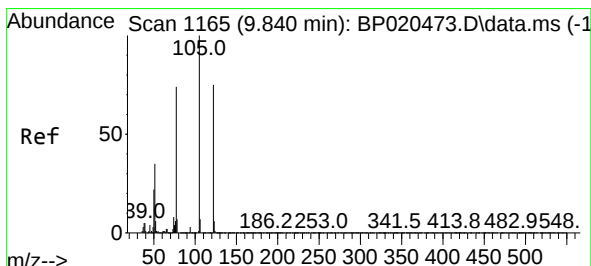
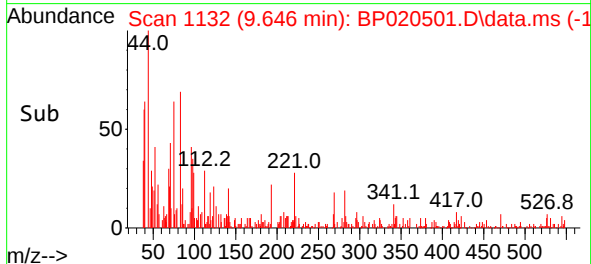
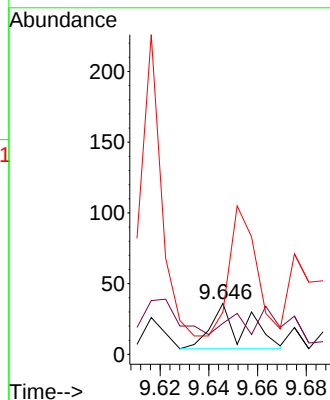
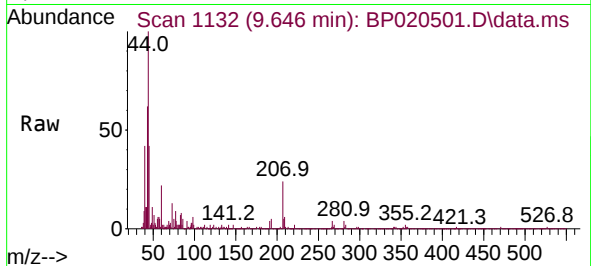




#26
2-Nitrophenol
Concen: 3.795 ng
RT: 9.646 min Scan# 1135
Delta R.T. -0.017 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

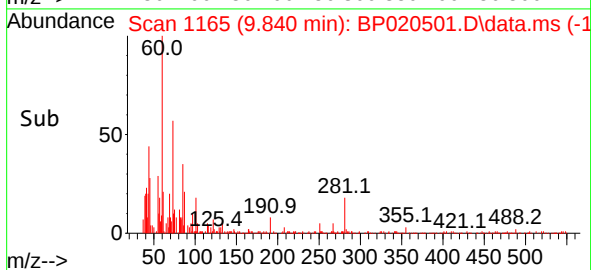
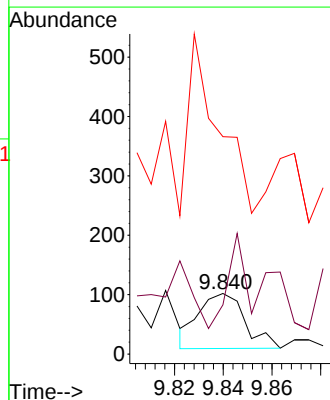
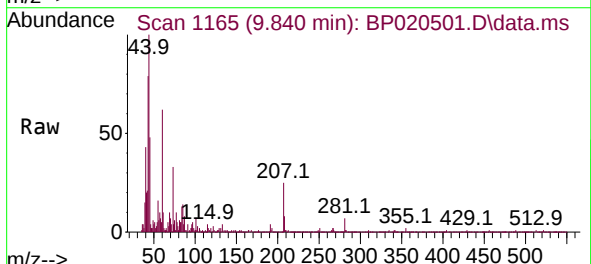
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

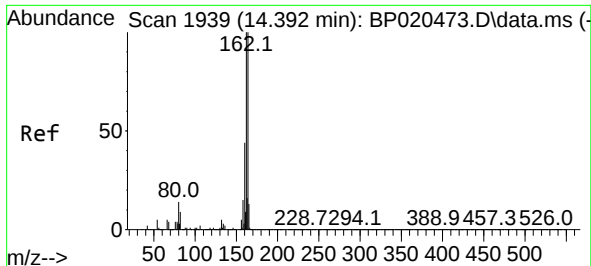
Tgt Ion:139 Resp: 31
Ion Ratio Lower Upper
139 100
109 43.1 25.8 38.8#
65 58.8 41.8 62.8



#32
Benzoic acid
Concen: 6.859 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 81.4 107.5 147.5#
77 358.8 76.1 116.1#

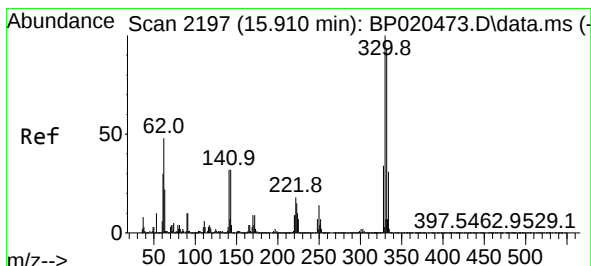
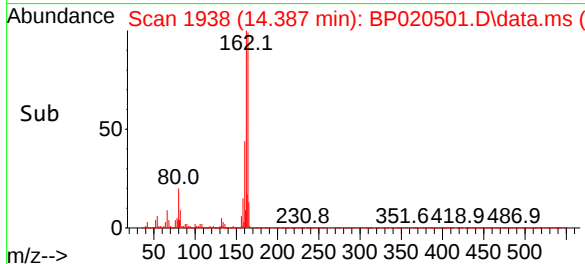
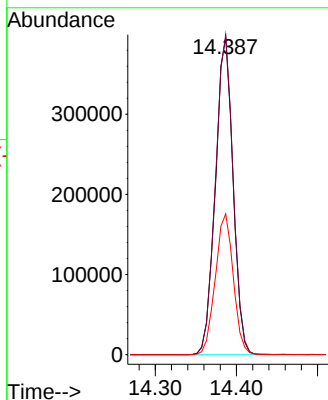
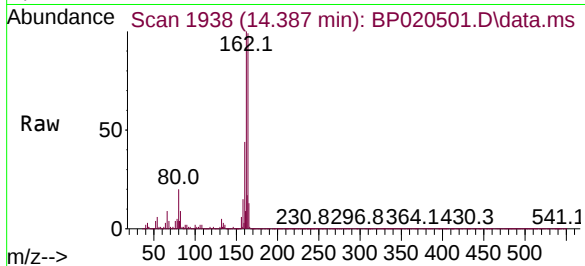




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

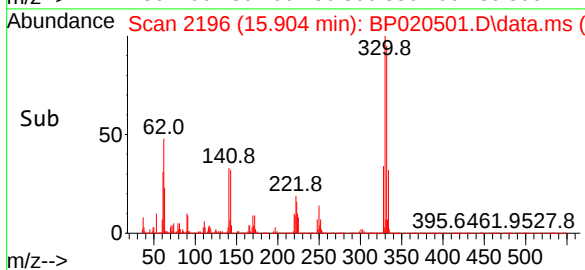
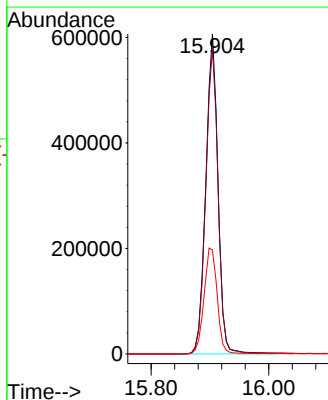
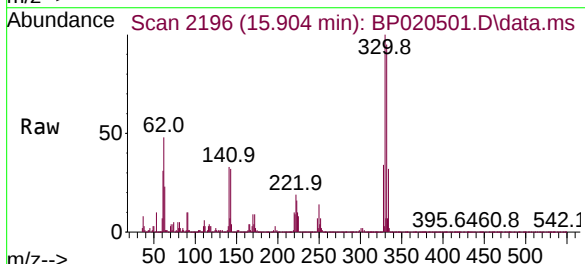
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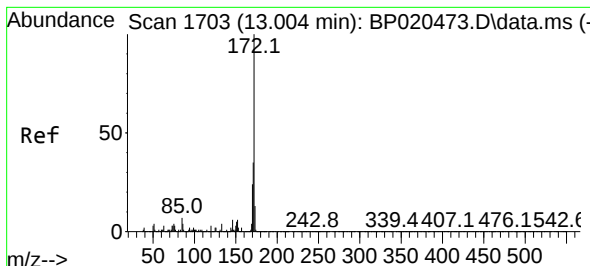
Tgt Ion:164 Resp: 596713
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 44.4 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 141.099 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

Tgt Ion:330 Resp: 873785
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 35.8 27.1 40.7

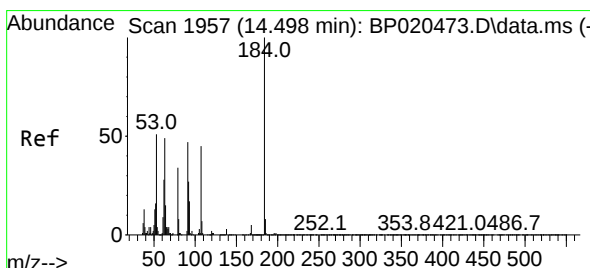
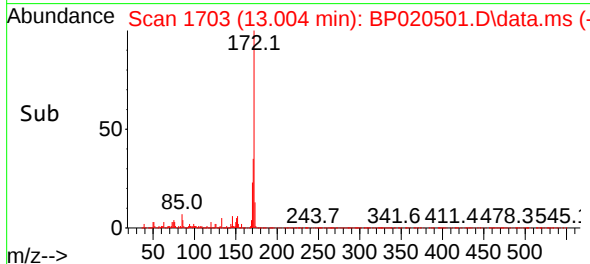
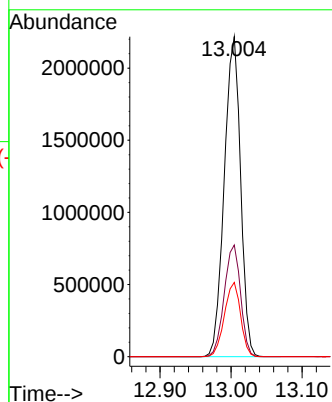
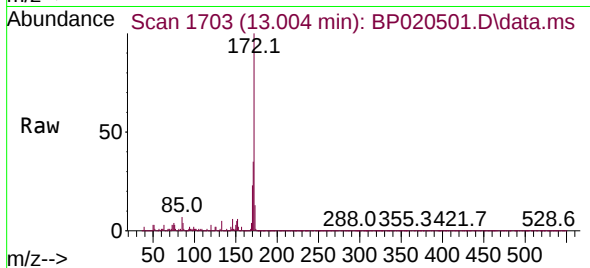




#45
2-Fluorobiphenyl
Concen: 88.083 ng
RT: 13.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

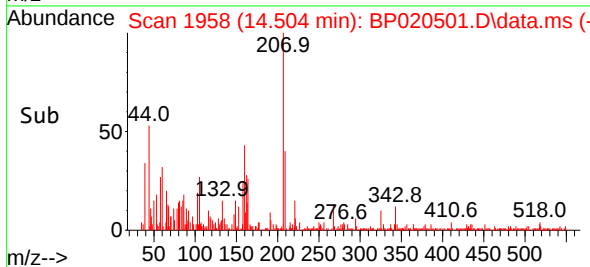
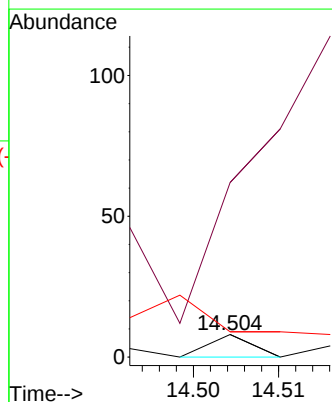
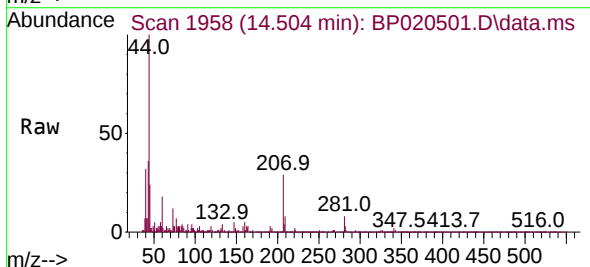
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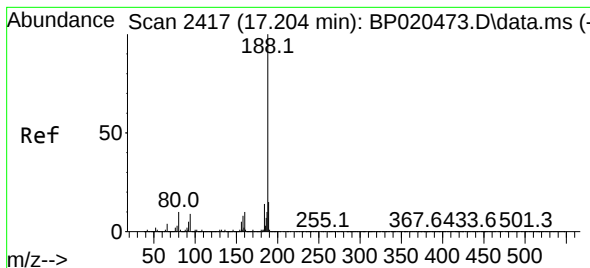
Tgt Ion:172 Resp: 3525828
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.2 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 4.975 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

Tgt Ion:184 Resp: 3
Ion Ratio Lower Upper
184 100
63 775.0 54.2 81.4#
154 112.5 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: BP020501.D

Acq: 04 Jun 2024 18:13

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

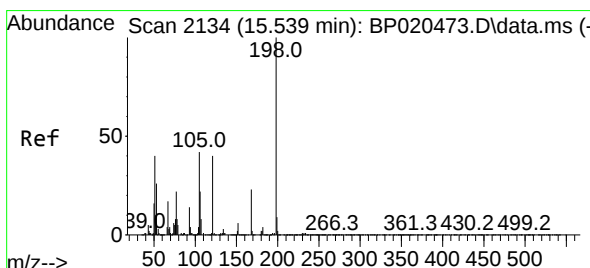
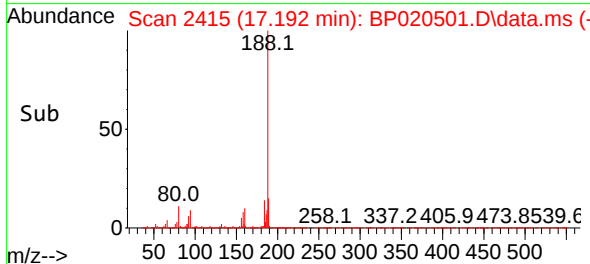
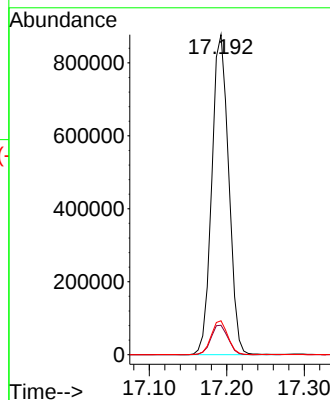
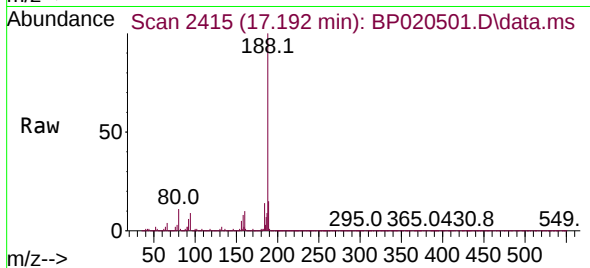
Tgt Ion:188 Resp: 1327694

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 10.6 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.655 ng

RT: 15.504 min Scan# 2128

Delta R.T. -0.035 min

Lab File: BP020501.D

Acq: 04 Jun 2024 18:13

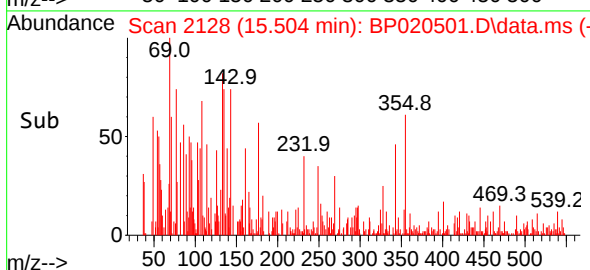
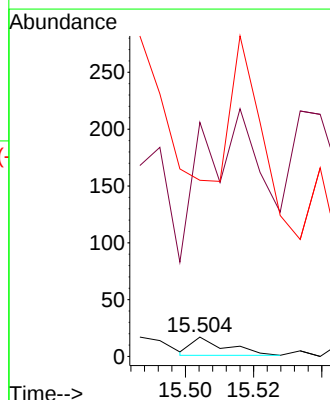
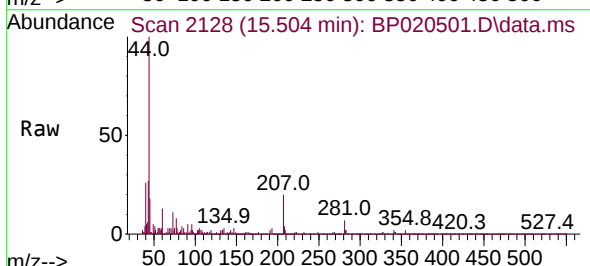
Tgt Ion:198 Resp: 11

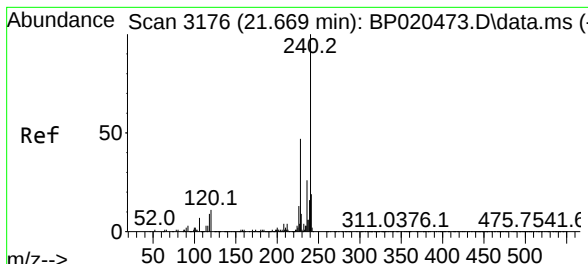
Ion Ratio Lower Upper

198 100

51 1211.8 24.8 64.8#

105 911.8 23.2 63.2#

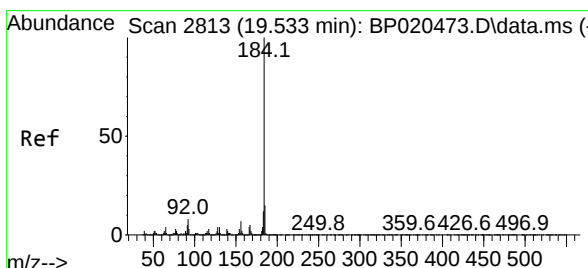
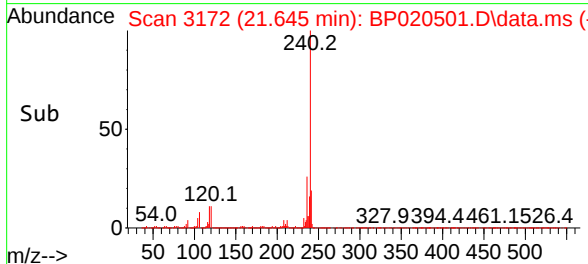
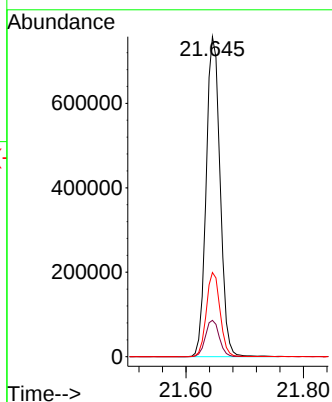
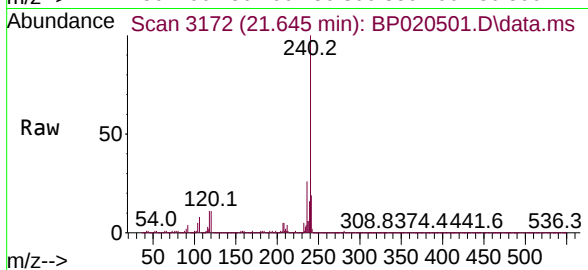




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

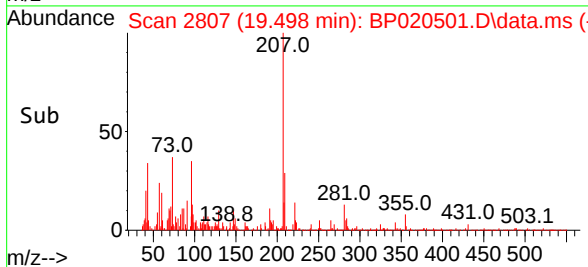
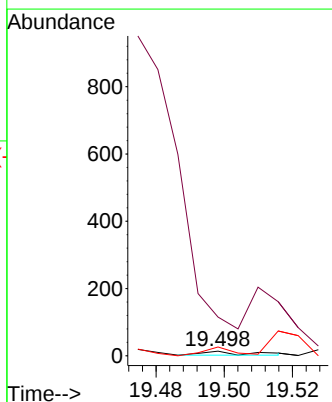
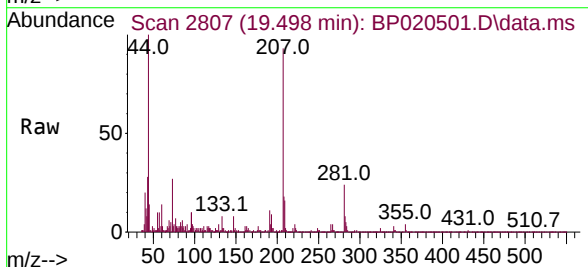
Instrument :
BNA_P
ClientSampleId :
WC-TP-2

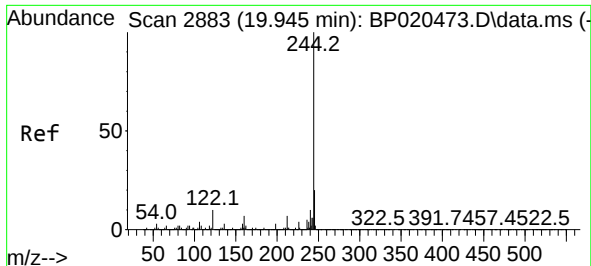
Tgt Ion:240 Resp: 1249416
Ion Ratio Lower Upper
240 100
120 11.4 8.5 12.7
236 26.3 20.5 30.7



#77
Benzidine
Concen: 5.971 ng
RT: 19.498 min Scan# 2807
Delta R.T. -0.035 min
Lab File: BP020501.D
Acq: 04 Jun 2024 18:13

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
185 821.4 12.0 18.0#
183 185.7 9.4 14.0#

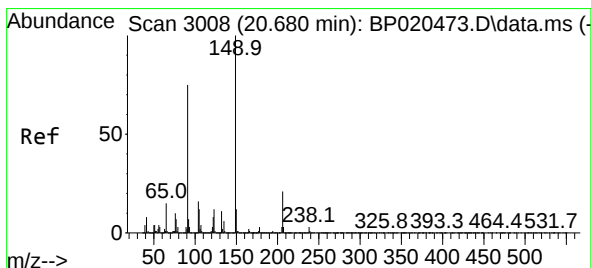
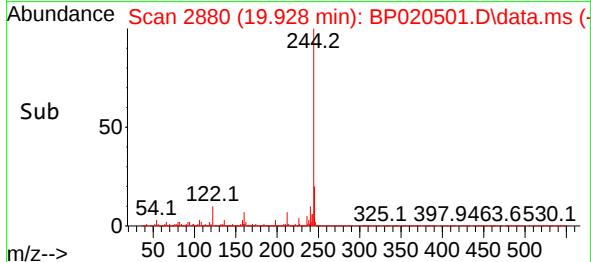
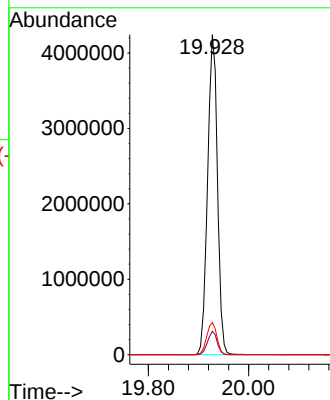
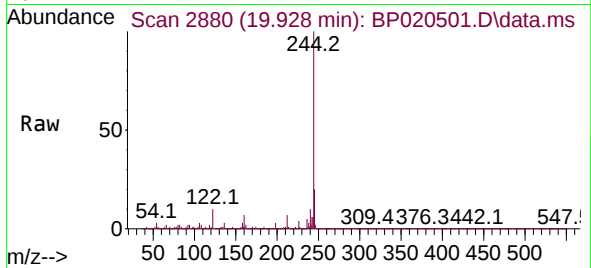




#79
 Terphenyl-d14
 Concen: 77.089 ng
 RT: 19.928 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP020501.D
 Acq: 04 Jun 2024 18:13

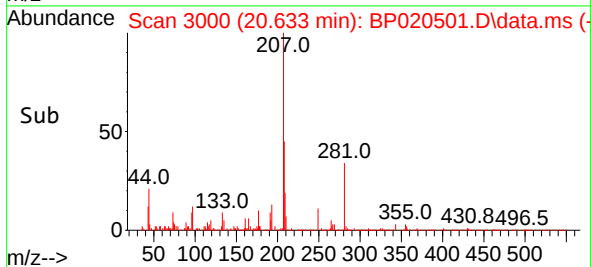
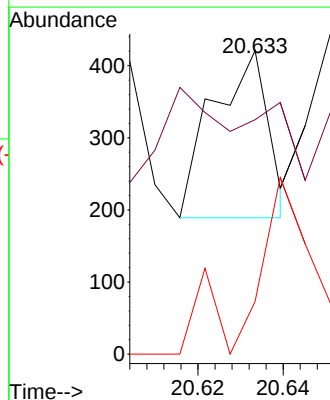
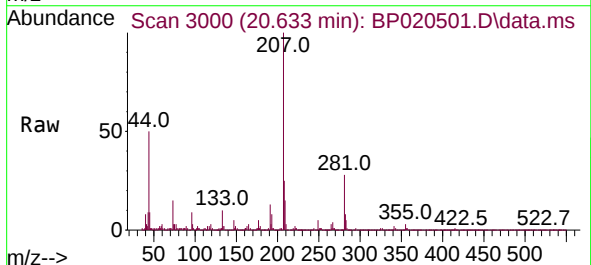
Instrument :
 BNA_P
 ClientSampleId :
 WC-TP-2

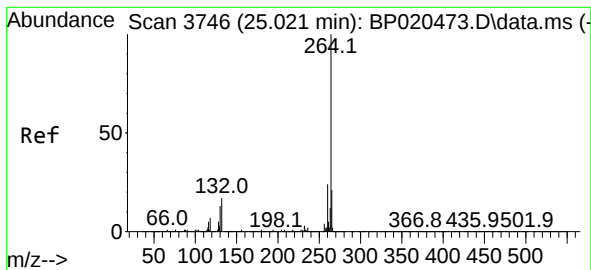
Tgt Ion:244 Resp: 5785734
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.436 ng
 RT: 20.633 min Scan# 3000
 Delta R.T. -0.047 min
 Lab File: BP020501.D
 Acq: 04 Jun 2024 18:13

Tgt Ion:149 Resp: 210
 Ion Ratio Lower Upper
 149 100
 91 77.2 60.0 90.0
 206 17.3 16.6 25.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020501.D

Acq: 04 Jun 2024 18:13

Instrument :

BNA_P

ClientSampleId :

WC-TP-2

Tgt Ion:264 Resp: 1338491

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.8 17.4 26.0

