

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020526.D
 Acq On : 05 Jun 2024 21:15
 Operator : MA/JU
 Sample : P2683-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-5

Quant Time: Jun 06 01:15:16 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)

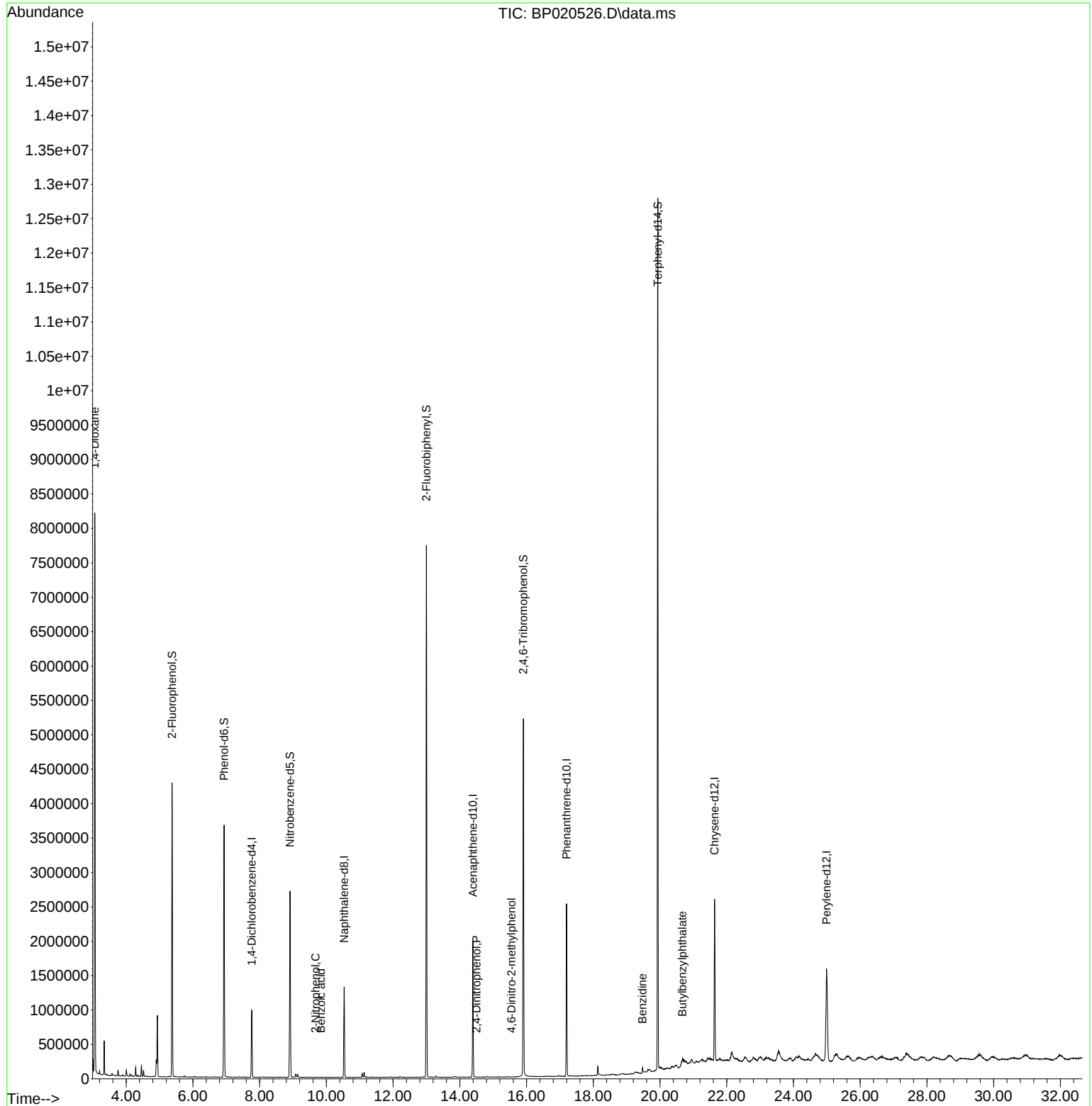
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	264301	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1014610	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	639168	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1396840	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1341042	20.000	ng	-0.04
86) Perylene-d12	24.992	264	1497355	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1797180	121.746	ng	0.00
7) Phenol-d6	6.934	99	2089593	100.376	ng	0.00
23) Nitrobenzene-d5	8.911	82	1605159	86.601	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1018467	153.538	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	3605502	84.091	ng	0.00
79) Terphenyl-d14	19.933	244	6161529	76.487	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.058	88	66217	11.102	ng	# 1
26) 2-Nitrophenol	9.675	139	31	3.795	ng	# 1
32) Benzoic acid	9.840	122	59	6.853	ng	# 9
54) 2,4-Dinitrophenol	14.498	184	23	4.981	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.545	198	29	7.657	ng	# 1
77) Benzidine	19.475	184	193	5.974	ng	# 1
80) Butylbenzylphthalate	20.669	149	2046	2.479	ng	# 74

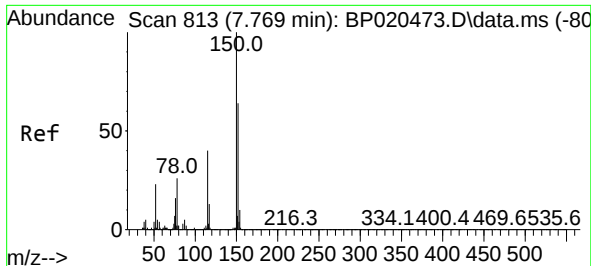
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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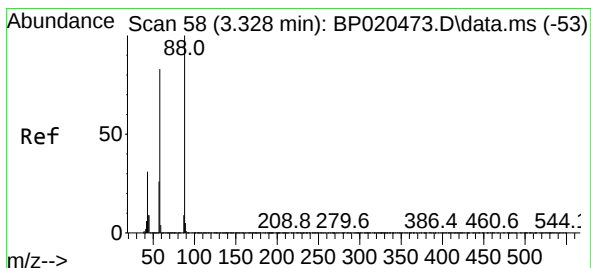
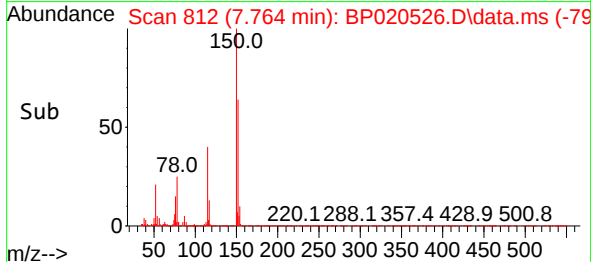
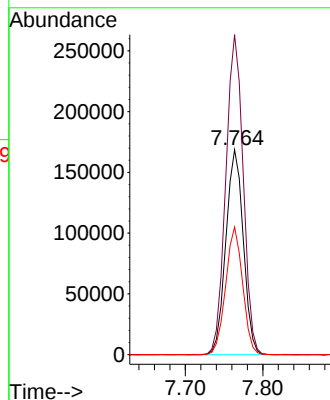
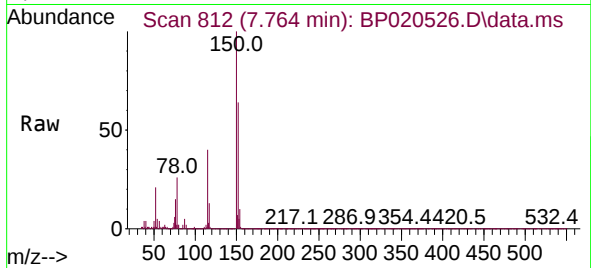




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

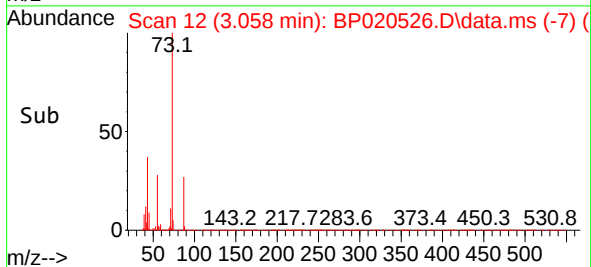
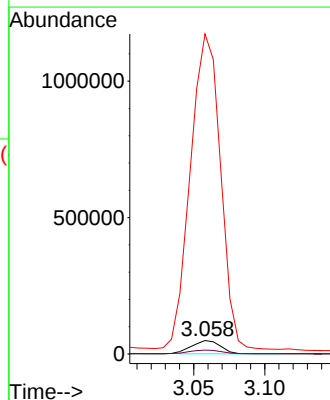
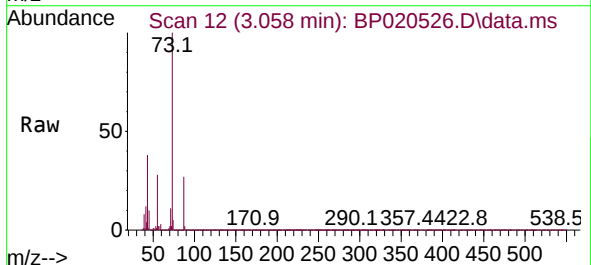
Instrument :
BNA_P
ClientSampleId :
WC-5

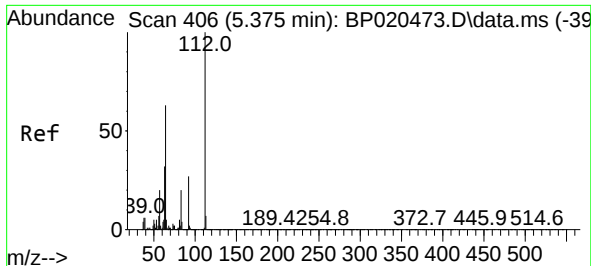
Tgt Ion:152 Resp: 264301
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 62.3 49.5 74.3



#2
1,4-Dioxane
Concen: 11.102 ng
RT: 3.058 min Scan# 12
Delta R.T. -0.270 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

Tgt Ion: 88 Resp: 66217
Ion Ratio Lower Upper
88 100
58 28.3 64.6 97.0#
43 2497.0 24.5 36.7#

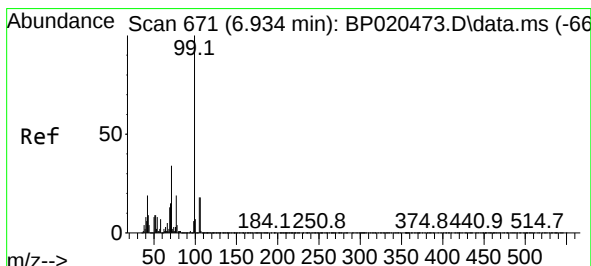
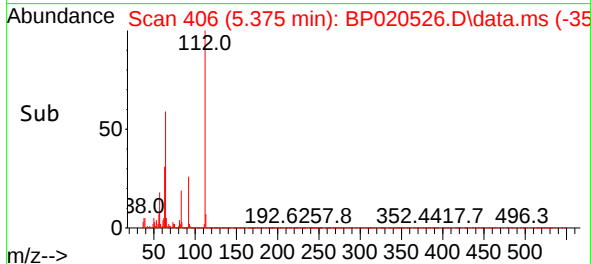
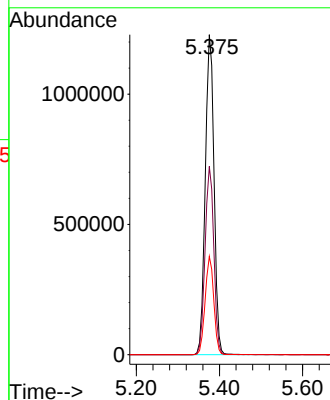
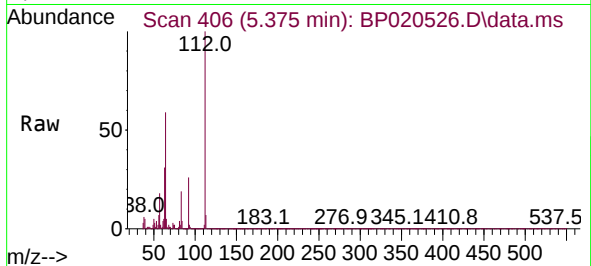




#5
2-Fluorophenol
Concen: 121.746 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

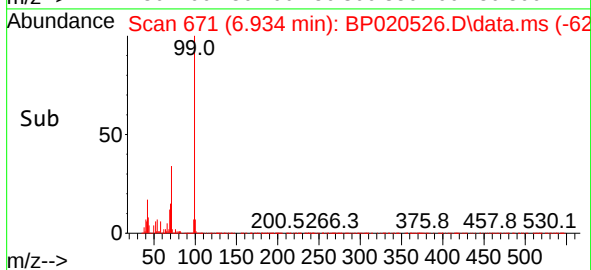
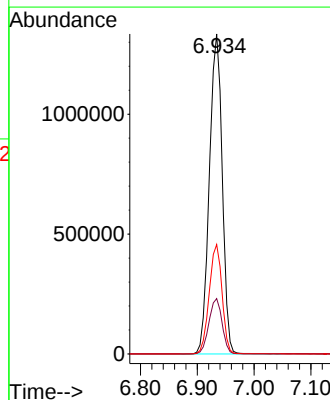
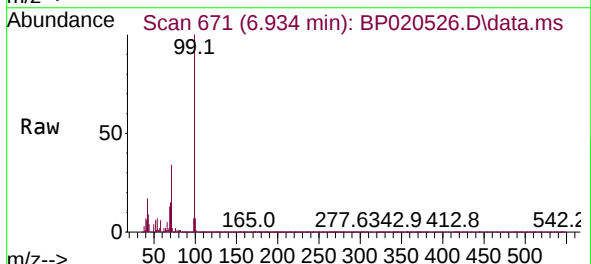
Instrument :
BNA_P
ClientSampleId :
WC-5

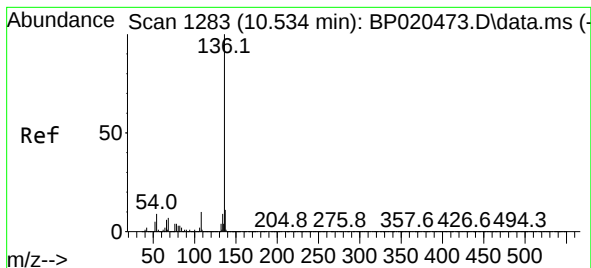
Tgt Ion:112 Resp: 1797180
Ion Ratio Lower Upper
112 100
64 58.9 50.1 75.1
63 30.7 25.7 38.5



#7
Phenol-d6
Concen: 100.376 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

Tgt Ion: 99 Resp: 2089593
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 34.2 27.3 40.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BP020526.D

Acq: 05 Jun 2024 21:15

Instrument :

BNA_P

ClientSampleId :

WC-5

Tgt Ion:136 Resp: 1014610

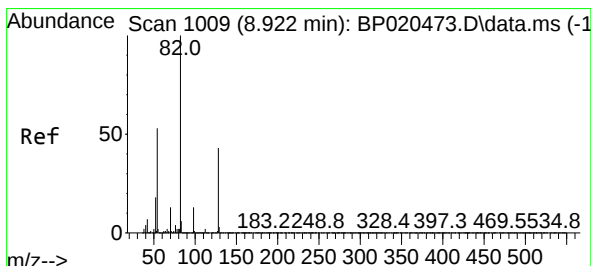
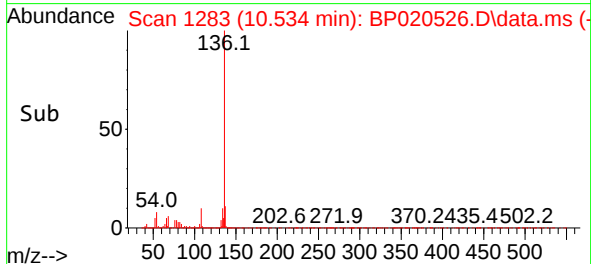
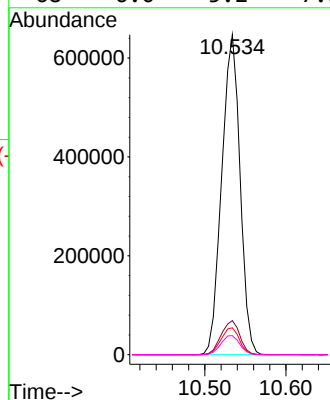
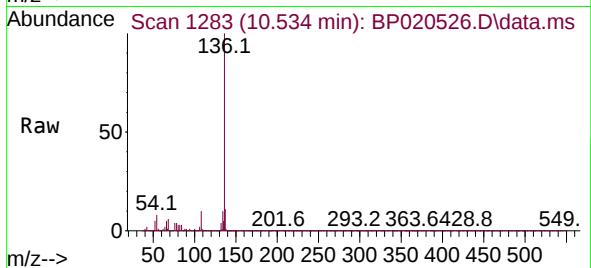
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 8.4 7.4 11.0

68 6.0 5.2 7.8



#23

Nitrobenzene-d5

Concen: 86.601 ng

RT: 8.911 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BP020526.D

Acq: 05 Jun 2024 21:15

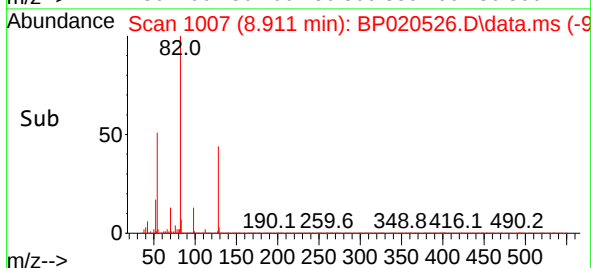
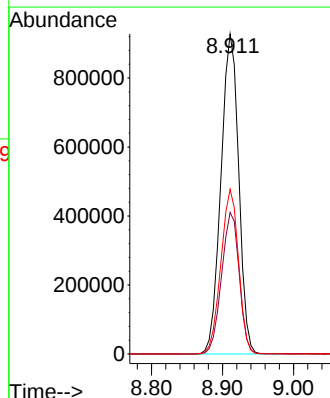
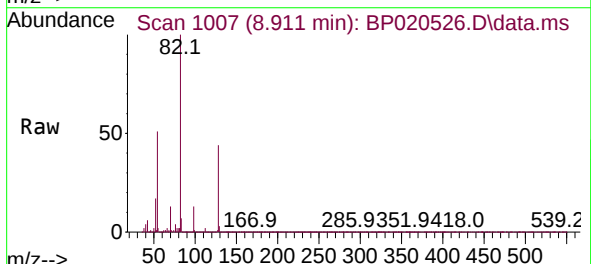
Tgt Ion: 82 Resp: 1605159

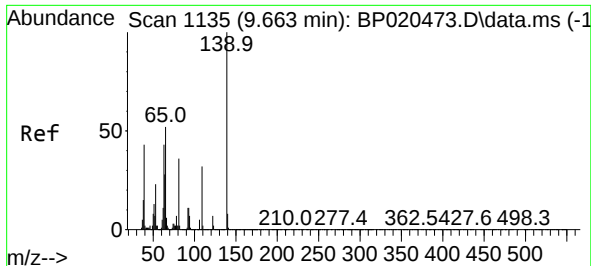
Ion Ratio Lower Upper

82 100

128 44.2 34.2 51.4

54 51.4 42.7 64.1

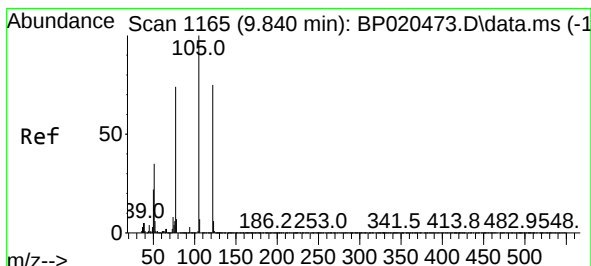
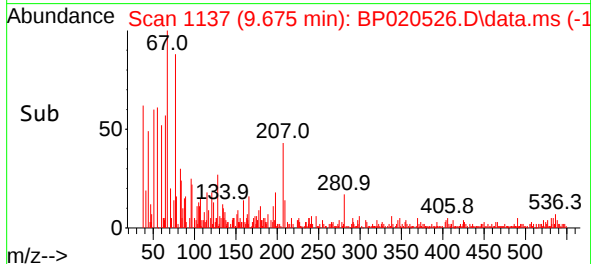
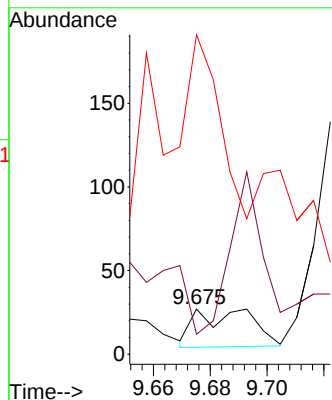
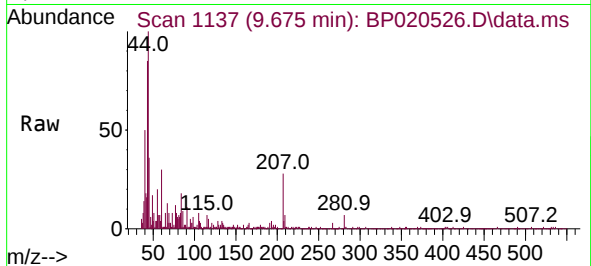




#26
2-Nitrophenol
Concen: 3.795 ng
RT: 9.675 min Scan# 1135
Delta R.T. 0.012 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

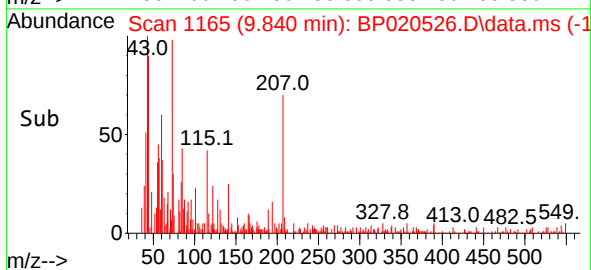
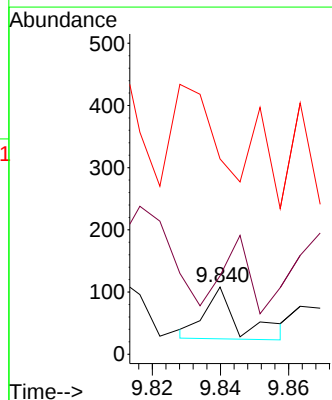
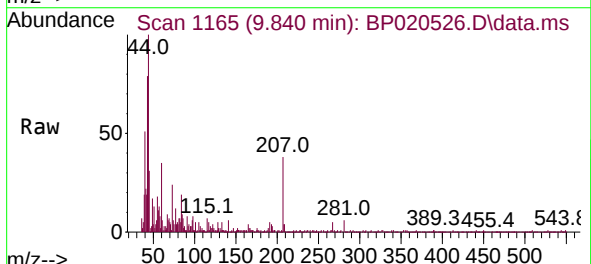
Instrument :
BNA_P
ClientSampleId :
WC-5

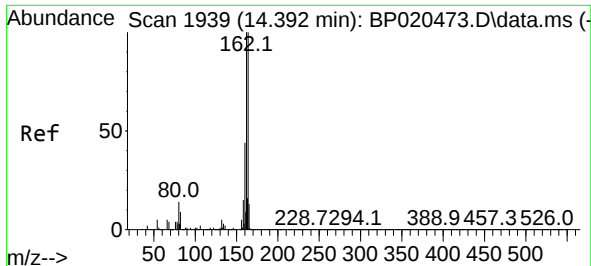
Tgt Ion:139 Resp: 31
Ion Ratio Lower Upper
139 100
109 44.4 25.8 38.8#
65 707.4 41.8 62.8#



#32
Benzoic acid
Concen: 6.853 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 116.7 107.5 147.5
77 290.7 76.1 116.1#

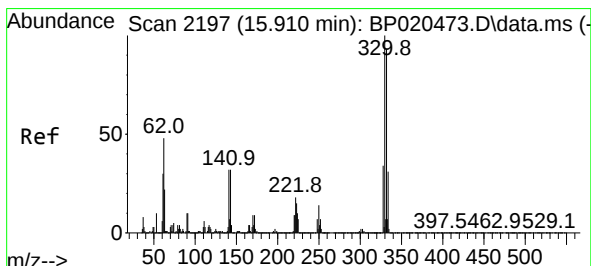
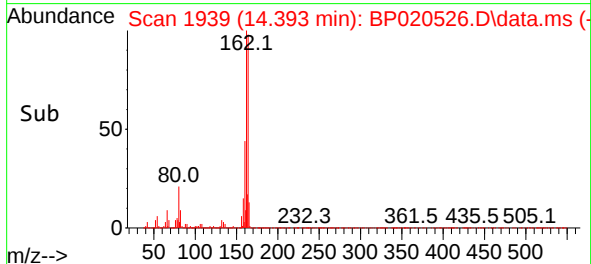
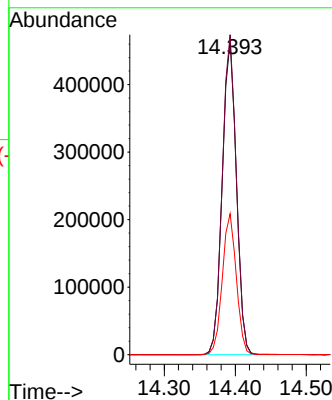
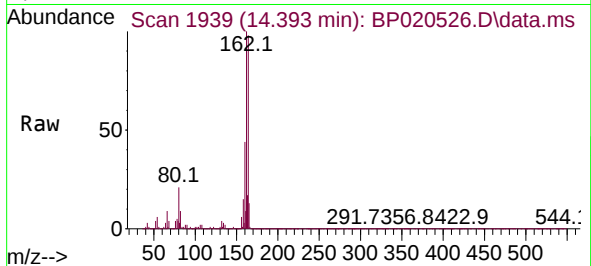




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

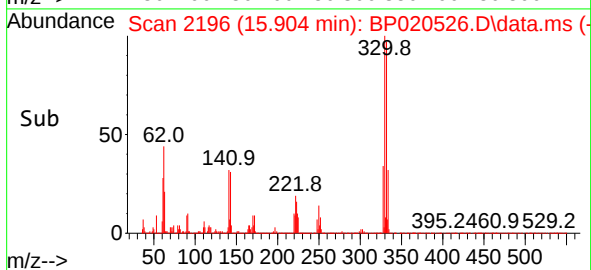
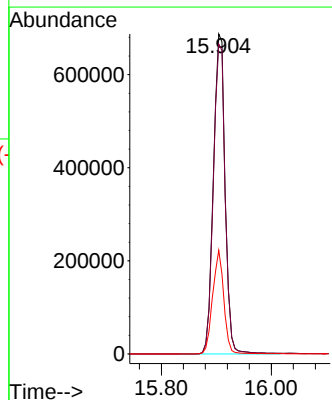
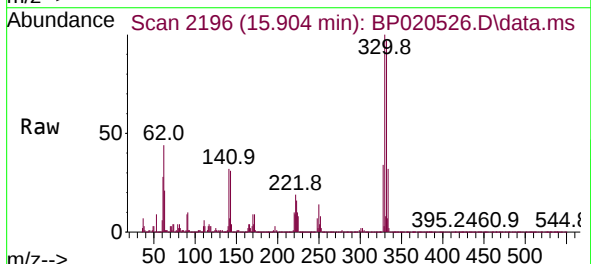
Instrument :
BNA_P
ClientSampleId :
WC-5

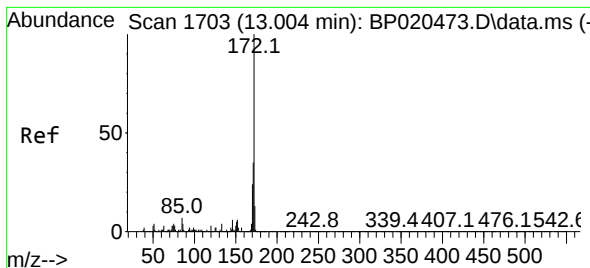
Tgt Ion:164 Resp: 639168
Ion Ratio Lower Upper
164 100
162 101.9 80.3 120.5
160 44.9 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 153.538 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

Tgt Ion:330 Resp: 1018467
Ion Ratio Lower Upper
330 100
332 97.4 76.6 114.8
141 30.9 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 84.091 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP020526.D

Acq: 05 Jun 2024 21:15

Instrument :

BNA_P

ClientSampleId :

WC-5

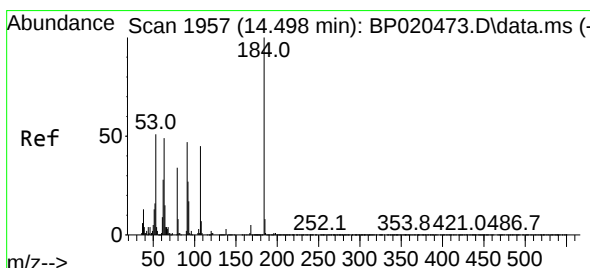
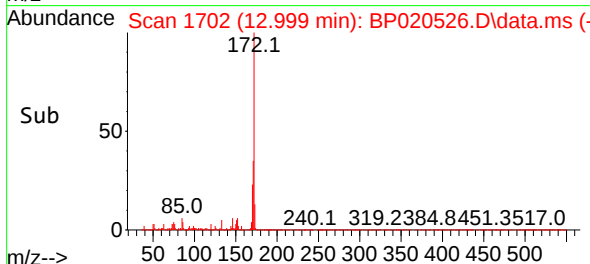
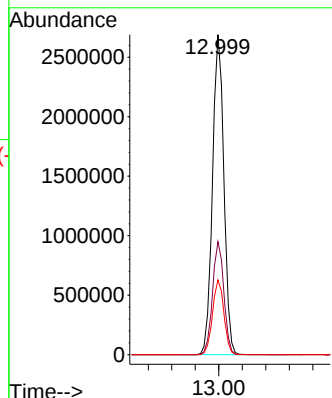
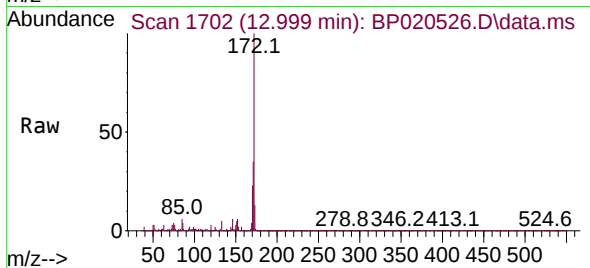
Tgt Ion:172 Resp: 3605502

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 18.9 28.3



#54

2,4-Dinitrophenol

Concen: 4.981 ng

RT: 14.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BP020526.D

Acq: 05 Jun 2024 21:15

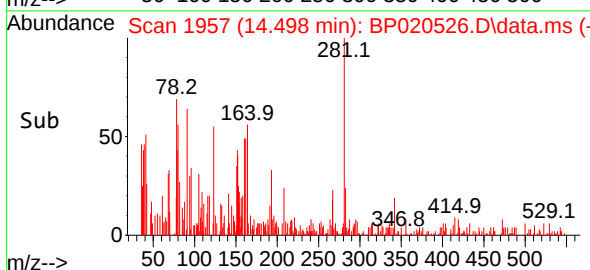
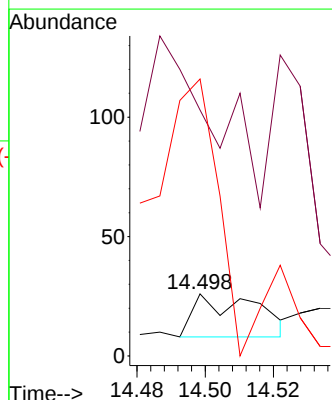
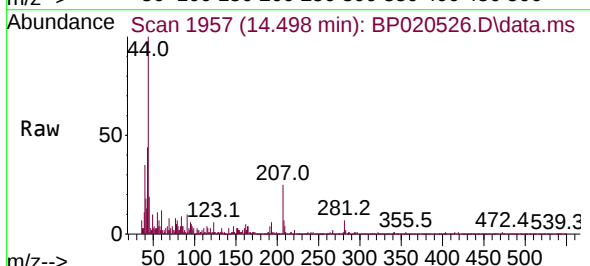
Tgt Ion:184 Resp: 23

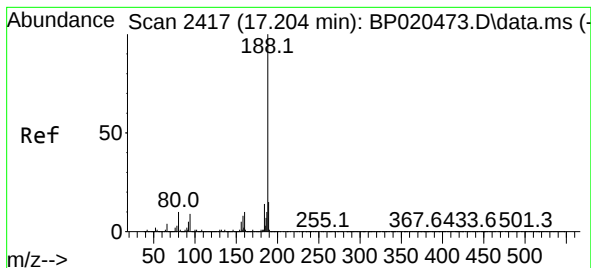
Ion Ratio Lower Upper

184 100

63 396.2 54.2 81.4#

154 446.2 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: BP020526.D

Acq: 05 Jun 2024 21:15

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BNA_P

ClientSampleId :

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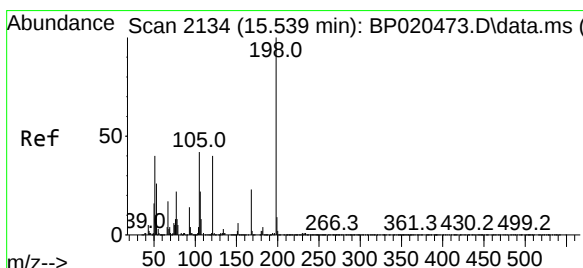
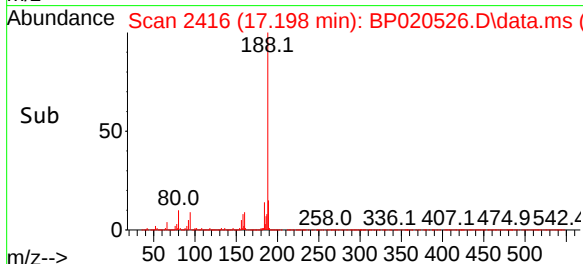
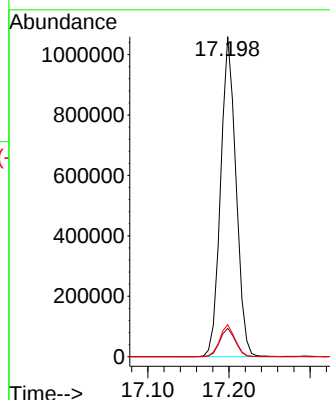
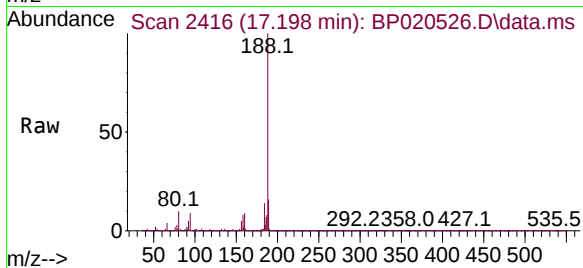
Tgt Ion:188 Resp: 1396840

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.0 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.657 ng

RT: 15.545 min Scan# 2135

Delta R.T. 0.006 min

Lab File: BP020526.D

Acq: 05 Jun 2024 21:15

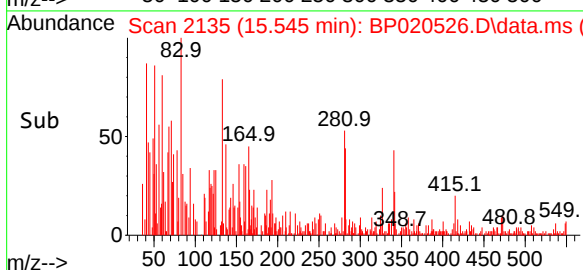
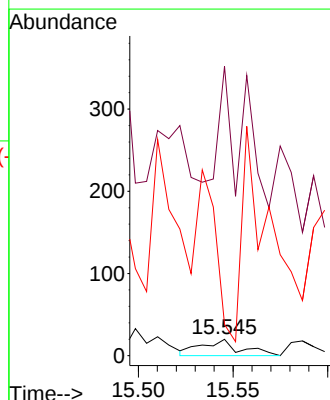
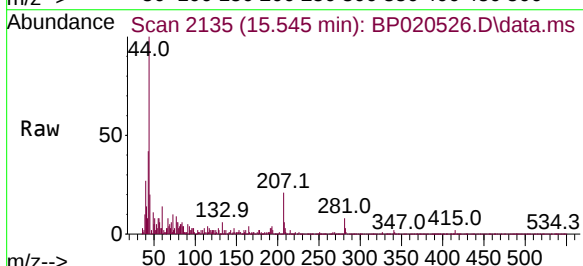
Tgt Ion:198 Resp: 29

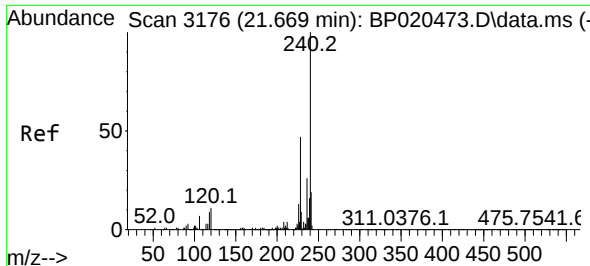
Ion Ratio Lower Upper

198 100

51 1760.0 24.8 64.8#

105 190.0 23.2 63.2#

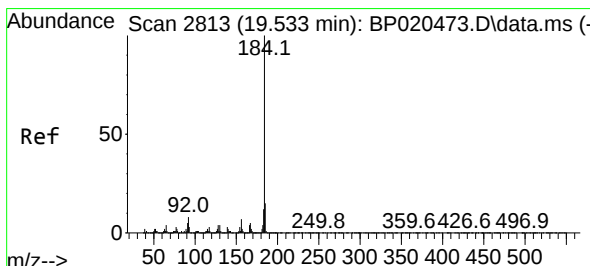
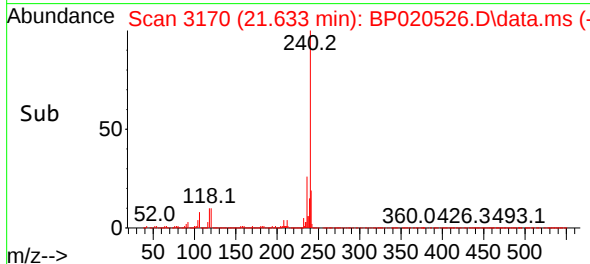
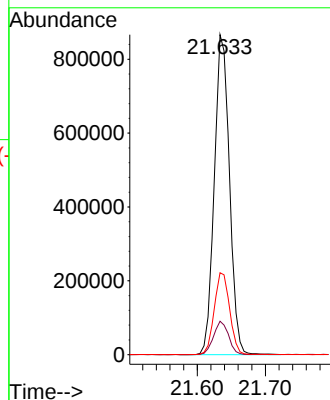
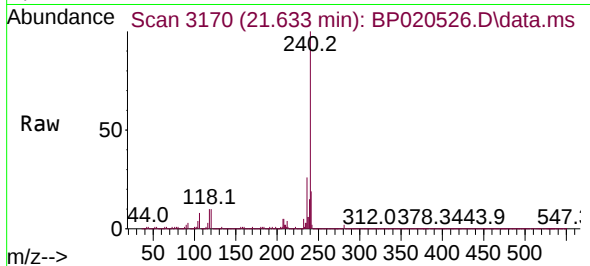




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

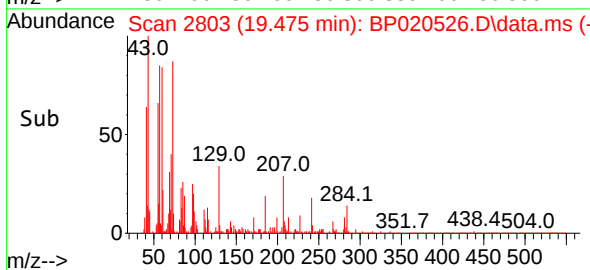
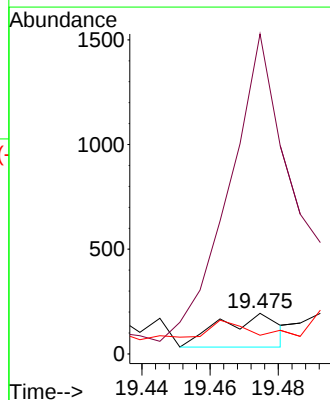
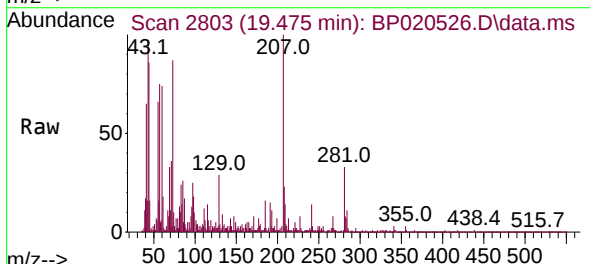
Instrument :
BNA_P
ClientSampleId :
WC-5

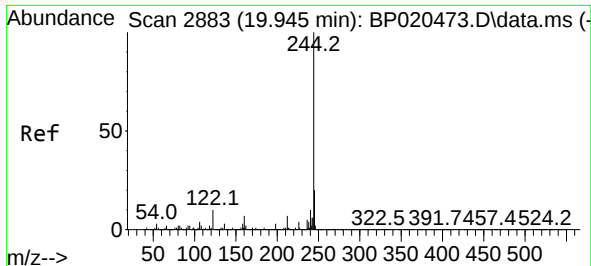
Tgt Ion:240 Resp: 1341042
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 25.6 20.5 30.7



#77
Benzidine
Concen: 5.974 ng
RT: 19.475 min Scan# 2803
Delta R.T. -0.058 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

Tgt Ion:184 Resp: 193
Ion Ratio Lower Upper
184 100
185 787.6 12.0 18.0#
183 45.9 9.4 14.0#

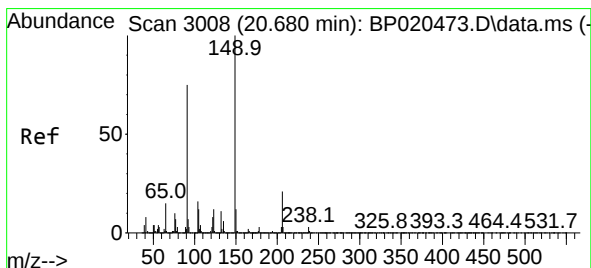
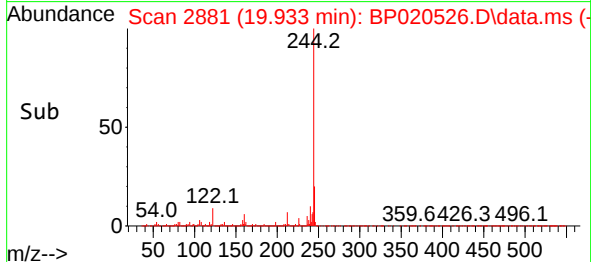
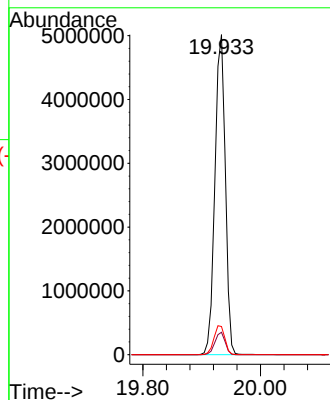
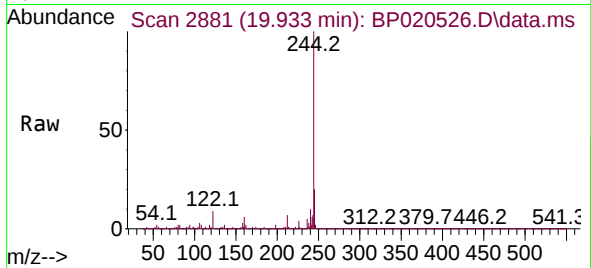




#79
 Terphenyl-d14
 Concen: 76.487 ng
 RT: 19.933 min Scan# 2881
 Delta R.T. -0.012 min
 Lab File: BP020526.D
 Acq: 05 Jun 2024 21:15

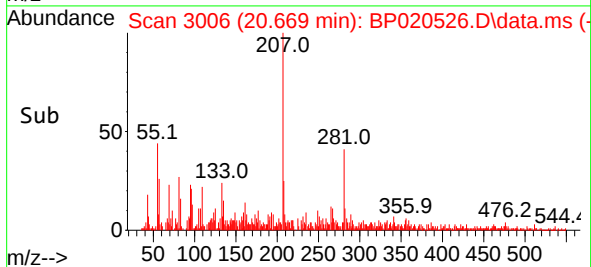
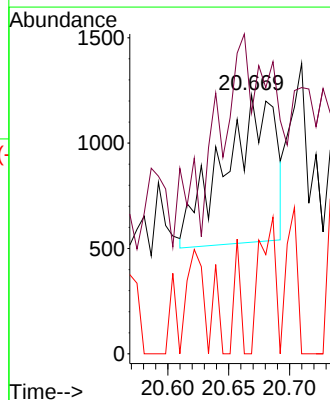
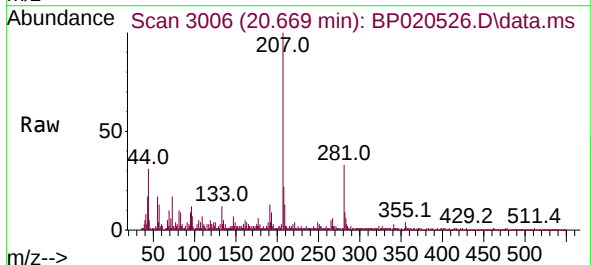
Instrument :
 BNA_P
 ClientSampleId :
 WC-5

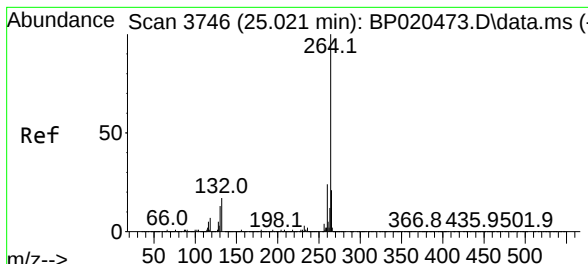
Tgt Ion:244 Resp: 6161529
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 8.8 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.479 ng
 RT: 20.669 min Scan# 3006
 Delta R.T. -0.011 min
 Lab File: BP020526.D
 Acq: 05 Jun 2024 21:15

Tgt Ion:149 Resp: 2046
 Ion Ratio Lower Upper
 149 100
 91 93.1 60.0 90.0#
 206 0.0 16.6 25.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP020526.D
Acq: 05 Jun 2024 21:15

Instrument :
BNA_P
ClientSampleId :
WC-5

Tgt Ion:264 Resp: 1497355

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.7	17.4	26.0

