

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020525.D
 Acq On : 05 Jun 2024 20:31
 Operator : MA/JU
 Sample : P2683-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Quant Time: Jun 06 01:14:51 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)

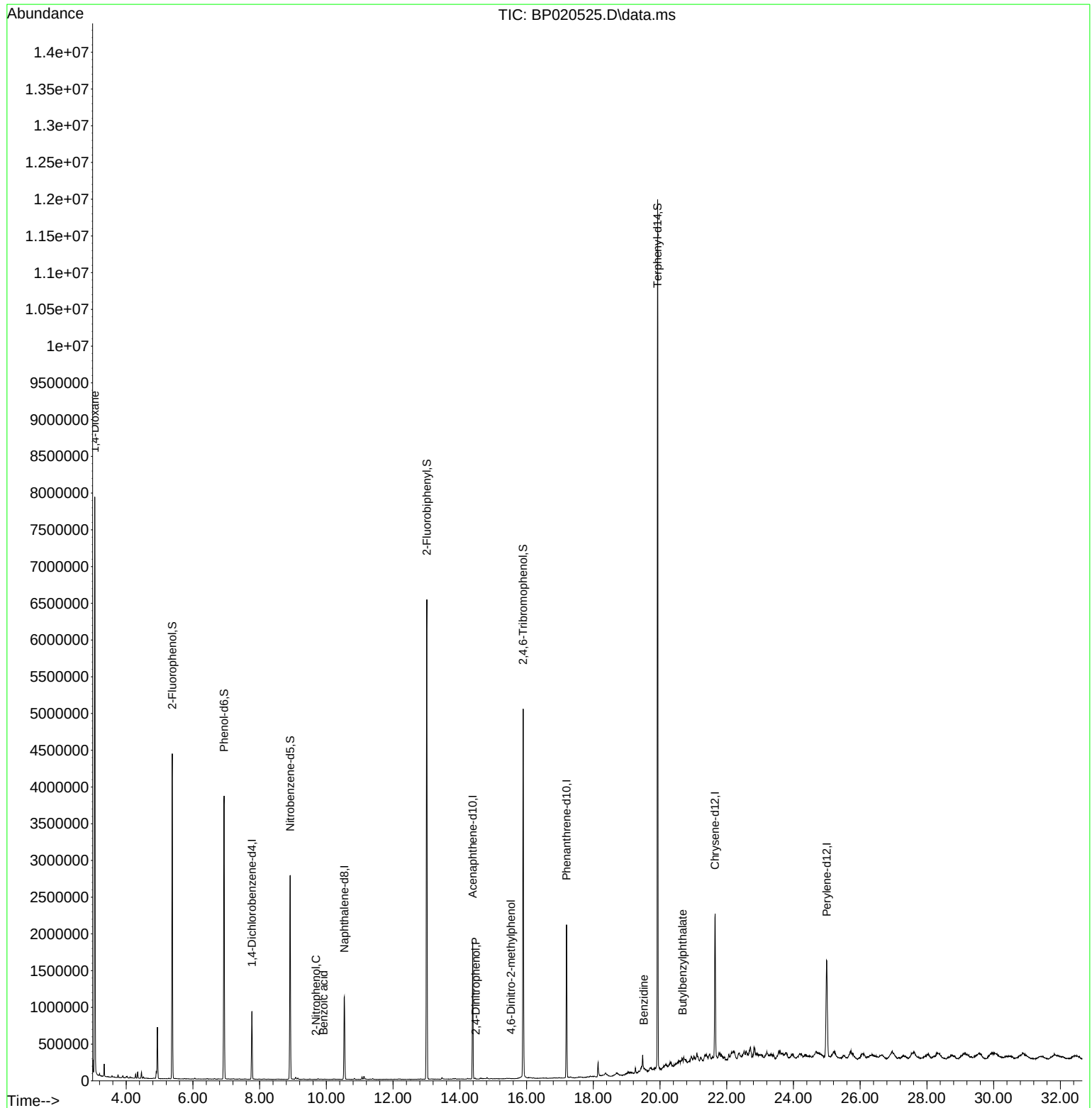
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	254271	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	995740	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	608053	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1305028	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1247633	20.000	ng	-0.02
86) Perylene-d12	24.998	264	1426670	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1793745	126.307	ng	0.00
7) Phenol-d6	6.934	99	2196208	109.659	ng	0.00
23) Nitrobenzene-d5	8.916	82	1555529	85.514	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	971417	153.939	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3553952	87.130	ng	0.00
79) Terphenyl-d14	19.928	244	5926176	79.073	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.058	88	59654	10.396	ng	# 1
26) 2-Nitrophenol	9.687	139	50	3.798	ng	# 74
32) Benzoic acid	9.916	122	321	6.875	ng	# 72
54) 2,4-Dinitrophenol	14.475	184	30	4.983	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	39	7.659	ng	# 1
77) Benzidine	19.516	184	865	5.988	ng	# 1
80) Butylbenzylphthalate	20.675	149	1168	2.460	ng	# 82

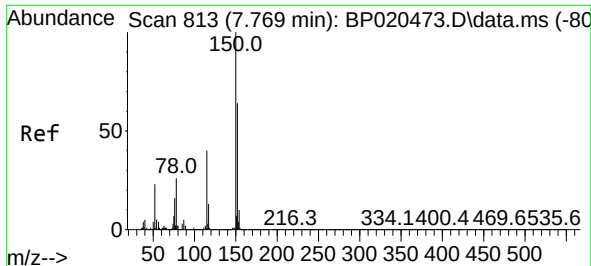
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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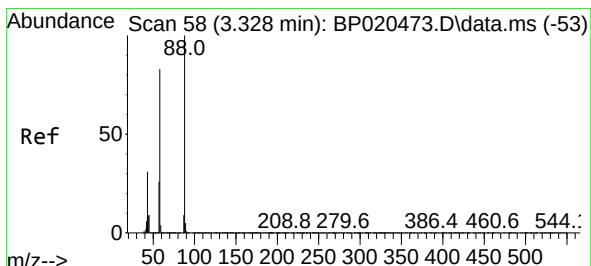
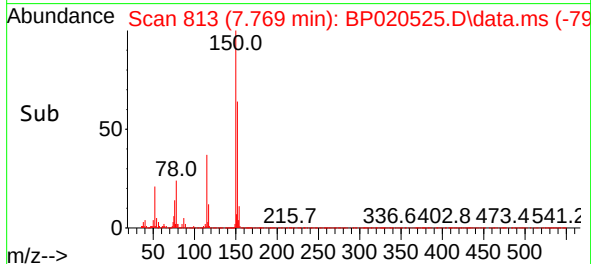
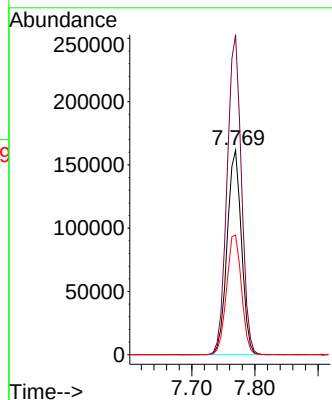
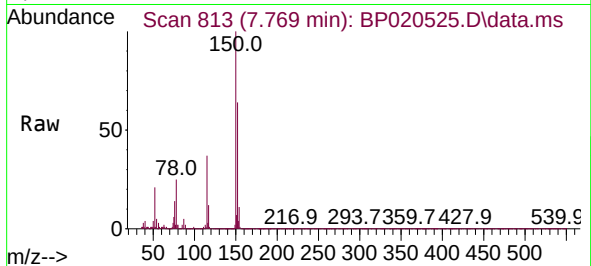




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

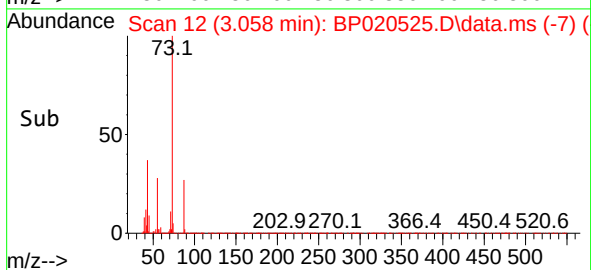
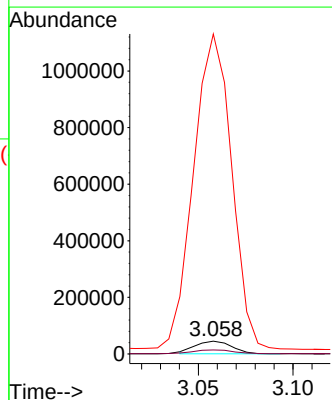
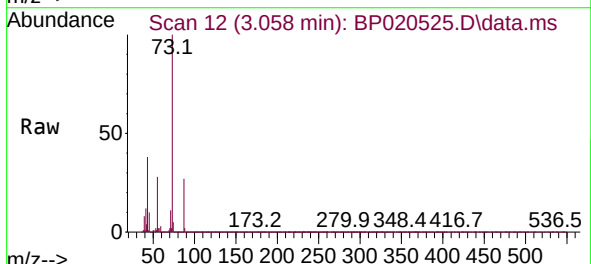
Instrument :
BNA_P
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WC-4

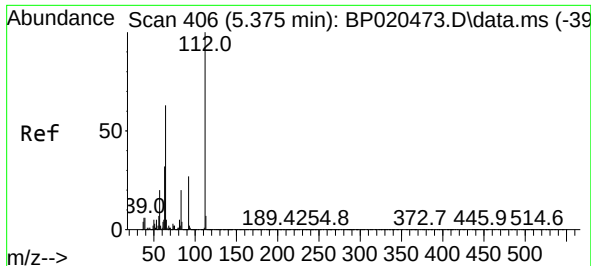
Tgt Ion:152 Resp: 254271
Ion Ratio Lower Upper
152 100
150 156.5 124.2 186.2
115 58.5 49.5 74.3



#2
1,4-Dioxane
Concen: 10.396 ng
RT: 3.058 min Scan# 12
Delta R.T. -0.270 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

Tgt Ion: 88 Resp: 59654
Ion Ratio Lower Upper
88 100
58 30.7 64.6 97.0#
43 2517.6 24.5 36.7#

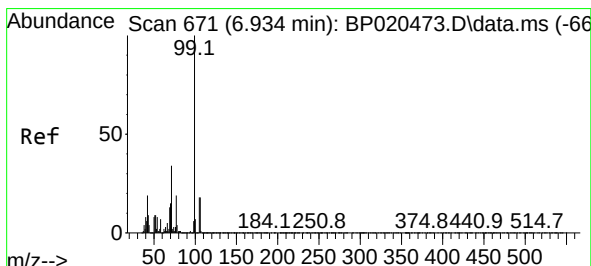
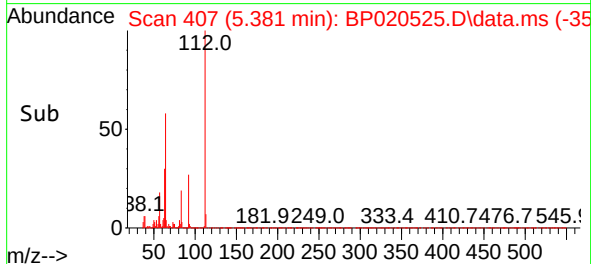
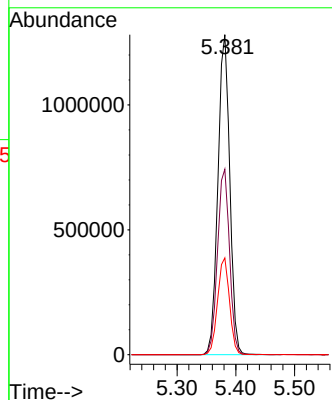
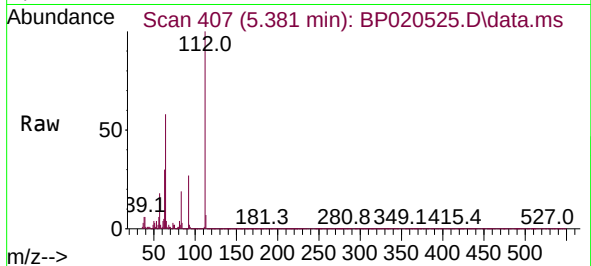




#5
2-Fluorophenol
Concen: 126.307 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

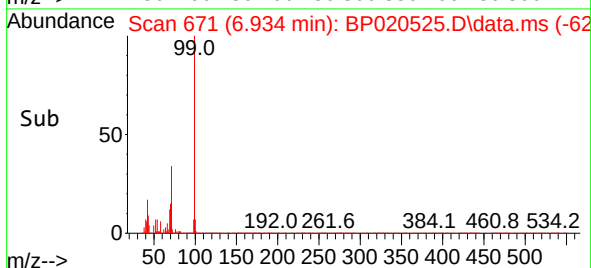
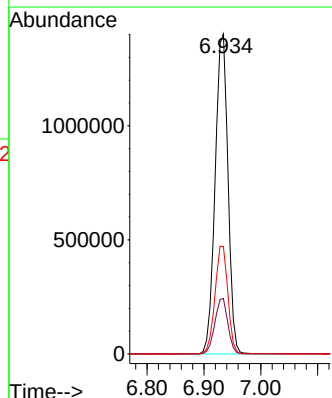
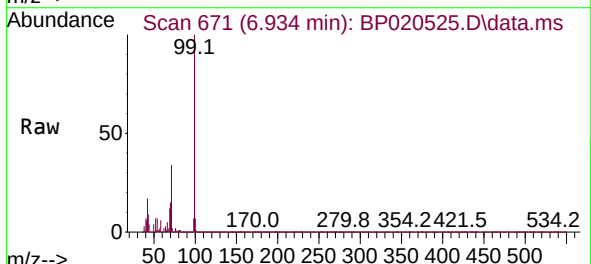
Instrument :
BNA_P
ClientSampleId :
WC-4

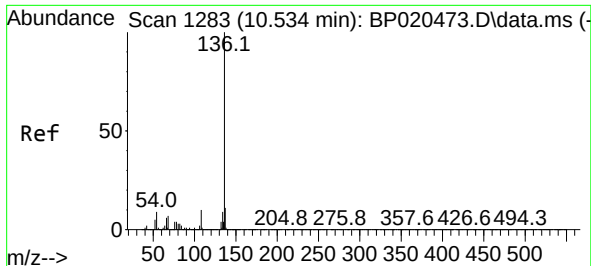
Tgt Ion:112 Resp: 1793745
Ion Ratio Lower Upper
112 100
64 58.0 50.1 75.1
63 30.3 25.7 38.5



#7
Phenol-d6
Concen: 109.659 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

Tgt Ion: 99 Resp: 2196208
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.4
71 33.6 27.3 40.9

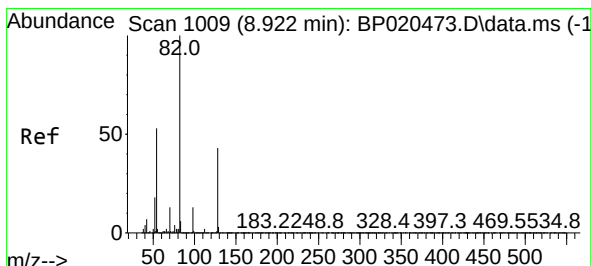
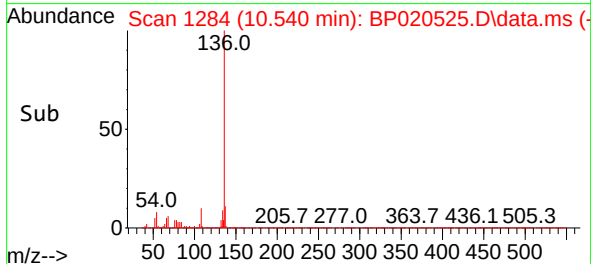
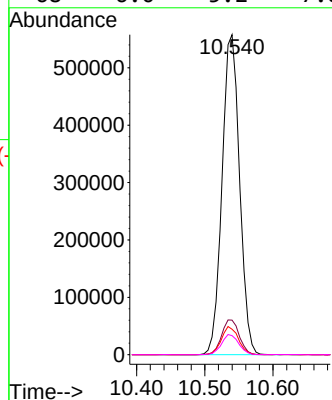
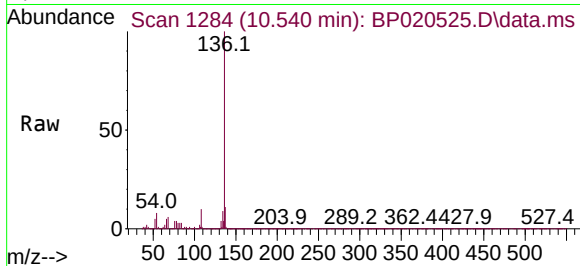




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

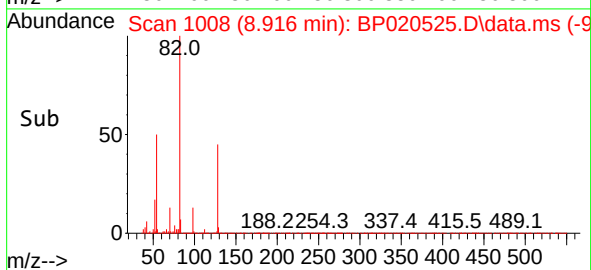
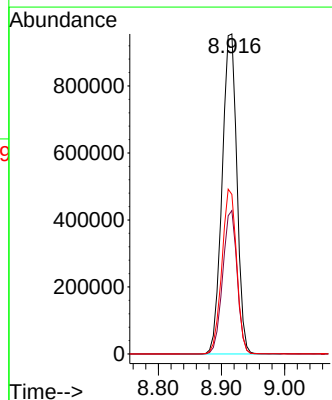
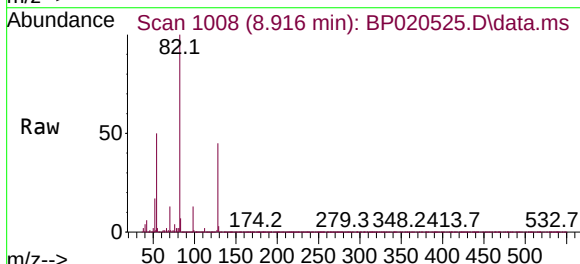
Instrument :
BNA_P
ClientSampleId :
WC-4

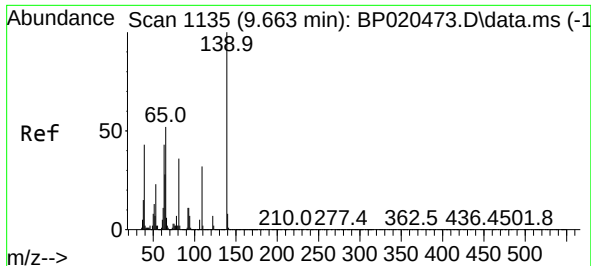
Tgt Ion:	136	Resp:	995740
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.4	11.0
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 85.514 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

Tgt Ion:	82	Resp:	1555529
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.4
54	49.8	42.7	64.1

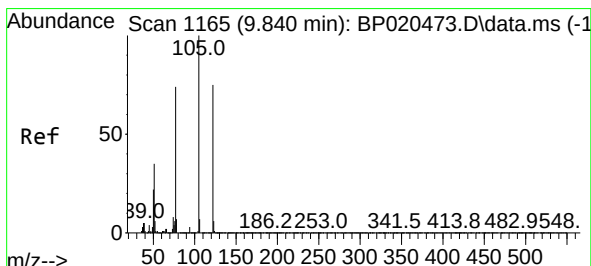
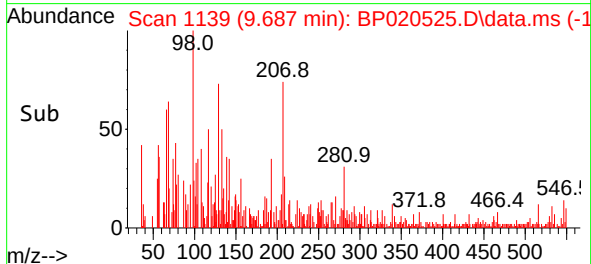
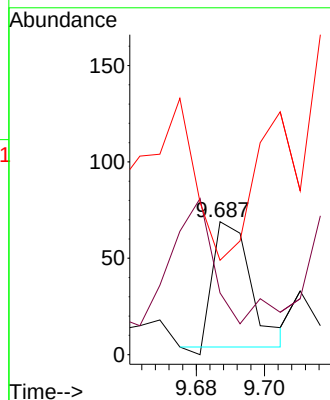
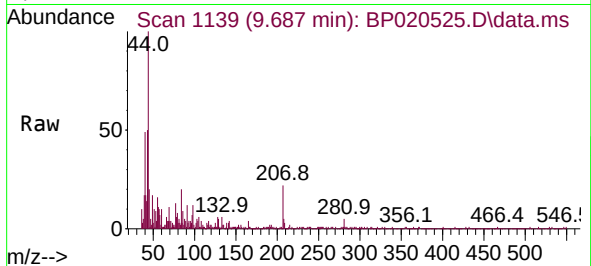




#26
2-Nitrophenol
Concen: 3.798 ng
RT: 9.687 min Scan# 1135
Delta R.T. 0.024 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

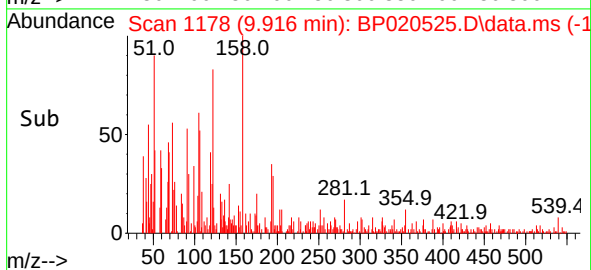
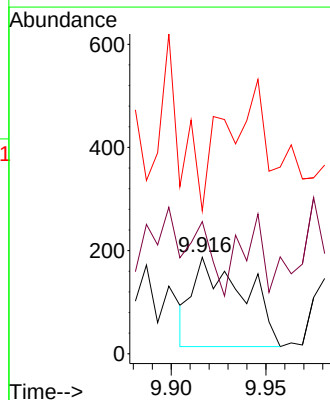
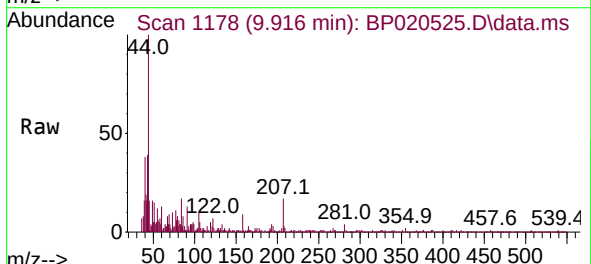
Instrument :
BNA_P
ClientSampleId :
WC-4

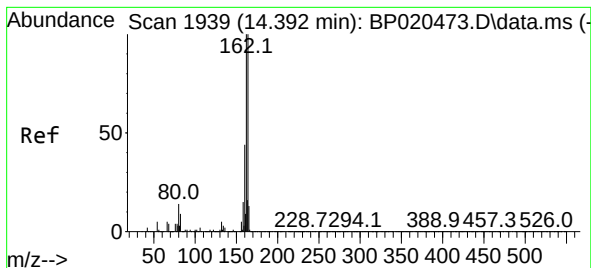
Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 46.4 25.8 38.8#
65 71.0 41.8 62.8#



#32
Benzoic acid
Concen: 6.875 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.076 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

Tgt Ion:122 Resp: 321
Ion Ratio Lower Upper
122 100
105 136.9 107.5 147.5
77 148.1 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: BP020525.D

Acq: 05 Jun 2024 20:31

Instrument :

BNA_P

ClientSampleId :

WC-4

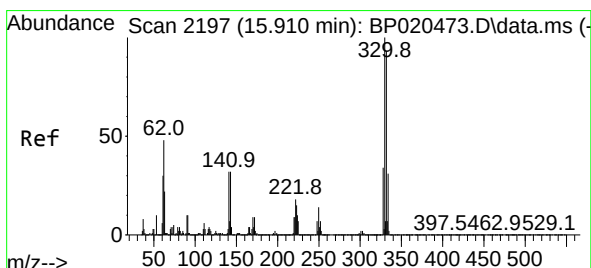
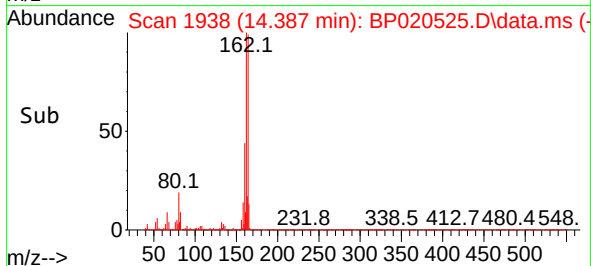
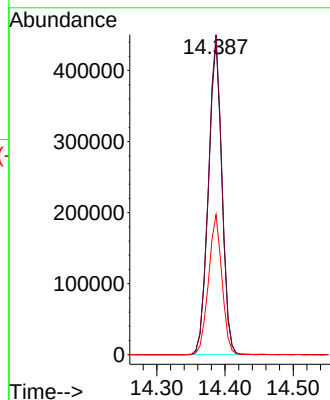
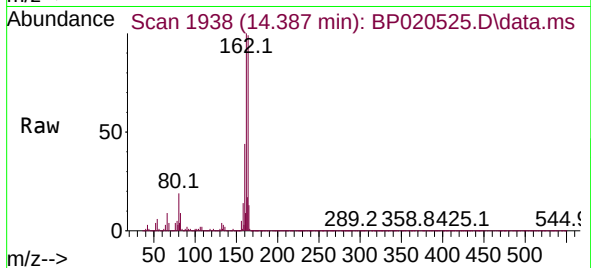
Tgt Ion:164 Resp: 608053

Ion Ratio Lower Upper

164 100

162 101.5 80.3 120.5

160 44.4 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 153.939 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BP020525.D

Acq: 05 Jun 2024 20:31

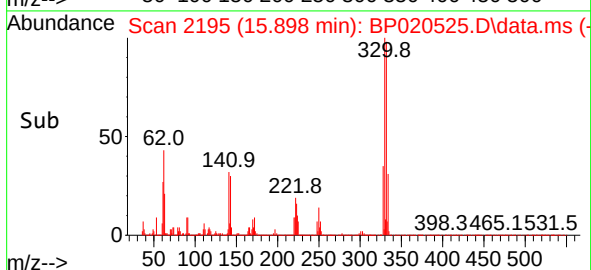
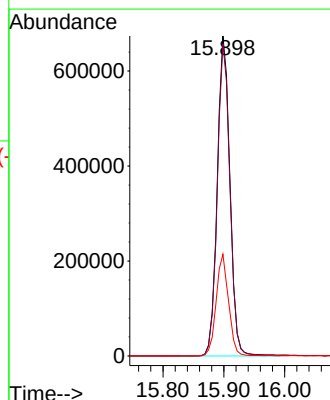
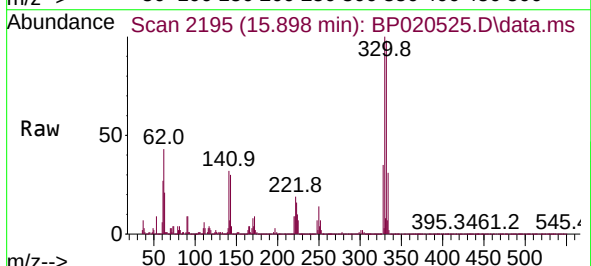
Tgt Ion:330 Resp: 971417

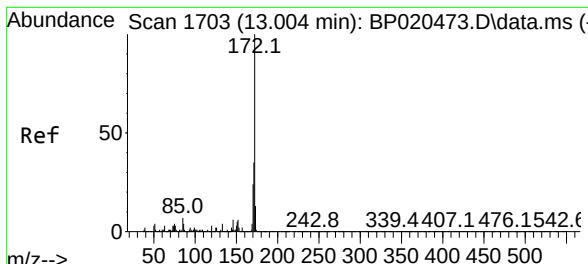
Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

141 31.1 27.1 40.7

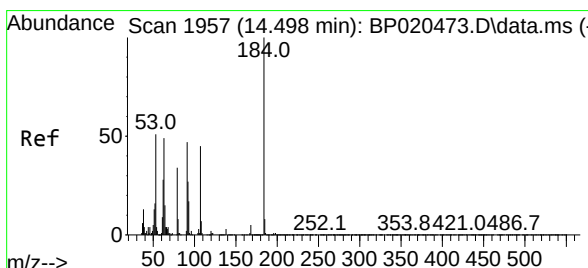
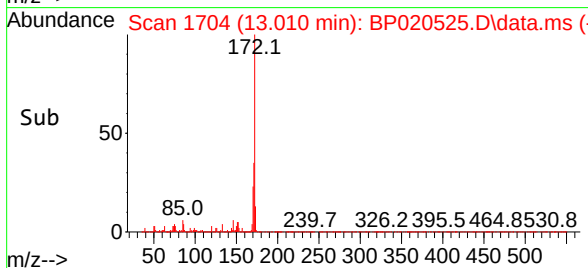
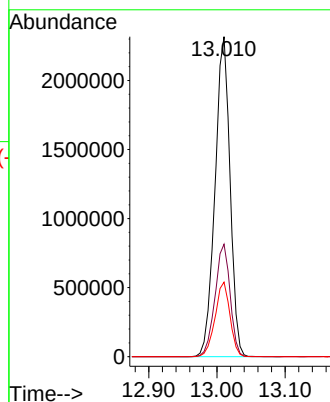
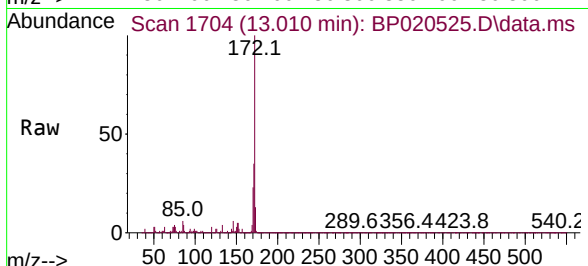




#45
2-Fluorobiphenyl
Concen: 87.130 ng
RT: 13.010 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

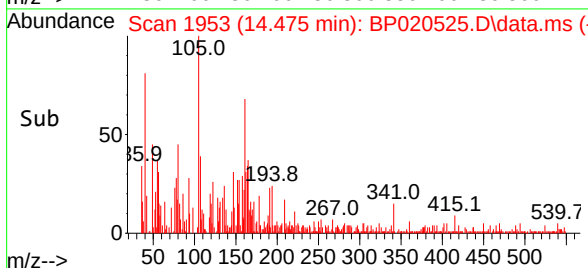
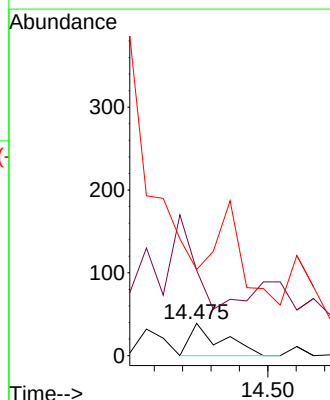
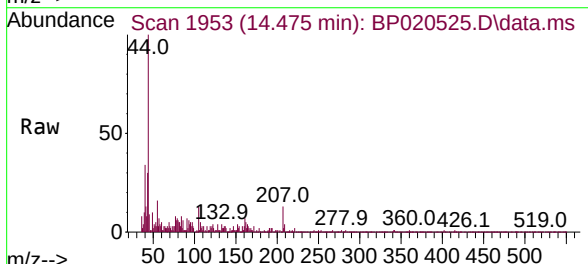
Instrument :
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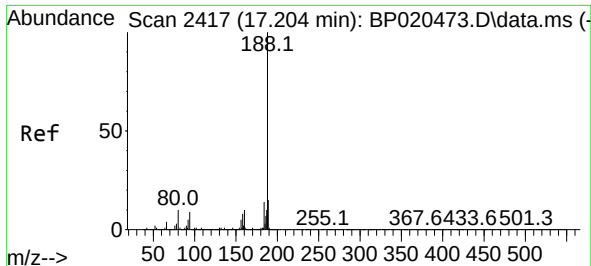
Tgt Ion:172 Resp: 3553952
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 4.983 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.023 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 264.1 54.2 81.4#
154 266.7 51.0 76.6#

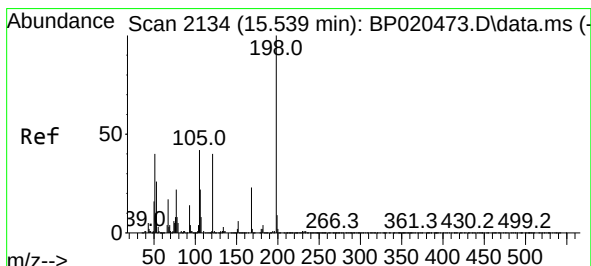
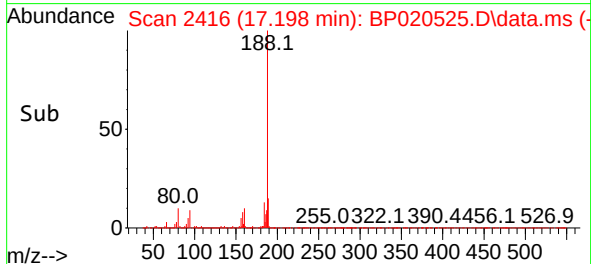
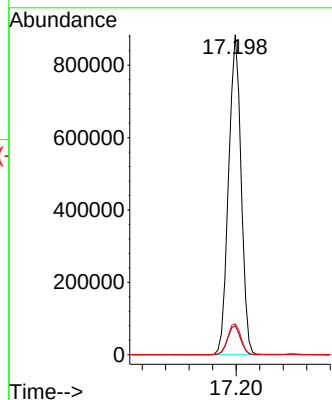
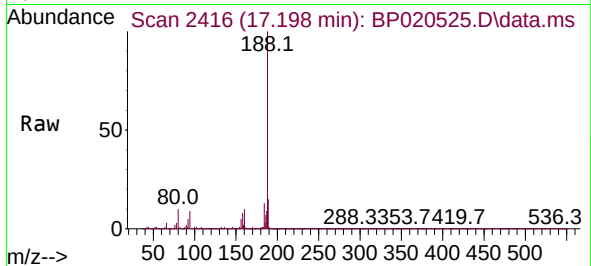




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

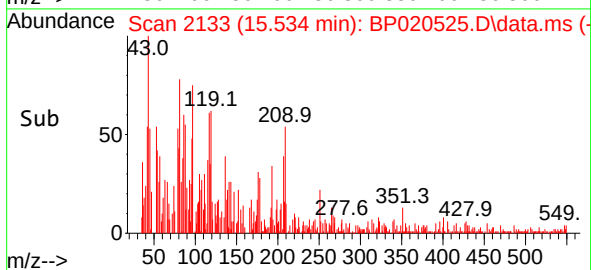
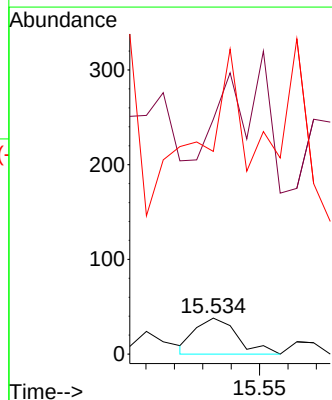
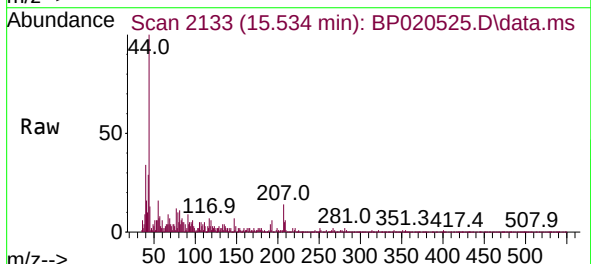
Instrument :
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WC-4

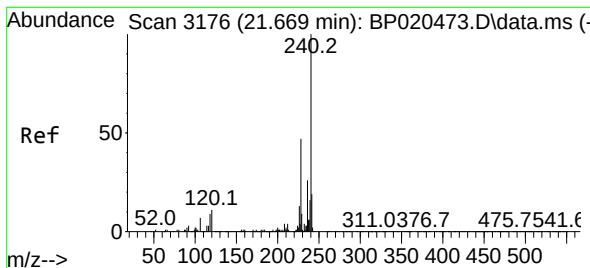
Tgt Ion:188 Resp: 1305028
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.6 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.659 ng
RT: 15.534 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP020525.D
Acq: 05 Jun 2024 20:31

Tgt Ion:198 Resp: 39
Ion Ratio Lower Upper
198 100
51 652.6 24.8 64.8#
105 563.2 23.2 63.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.651 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020525.D

Acq: 05 Jun 2024 20:31

Instrument :

BNA_P

ClientSampleId :

WC-4

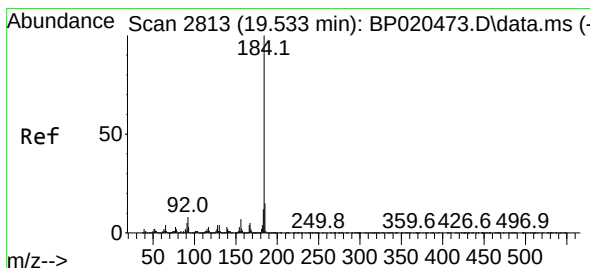
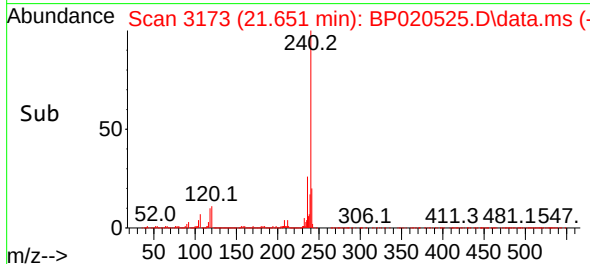
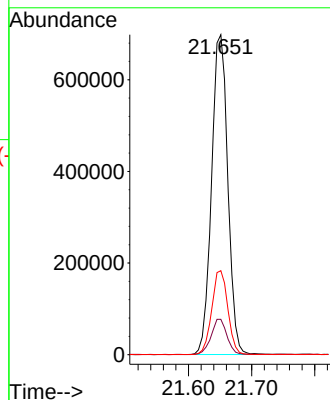
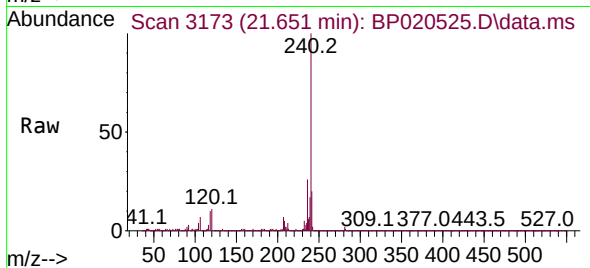
Tgt Ion:240 Resp: 1247633

Ion Ratio Lower Upper

240 100

120 11.1 8.5 12.7

236 26.2 20.5 30.7



#77

Benzidine

Concen: 5.988 ng

RT: 19.516 min Scan# 2810

Delta R.T. -0.017 min

Lab File: BP020525.D

Acq: 05 Jun 2024 20:31

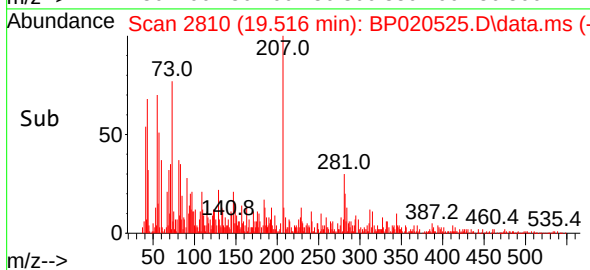
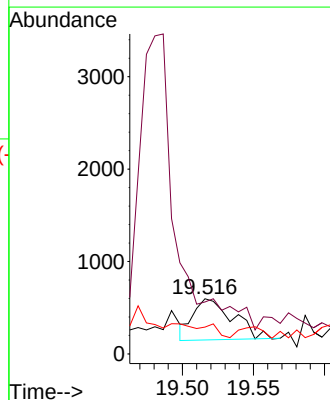
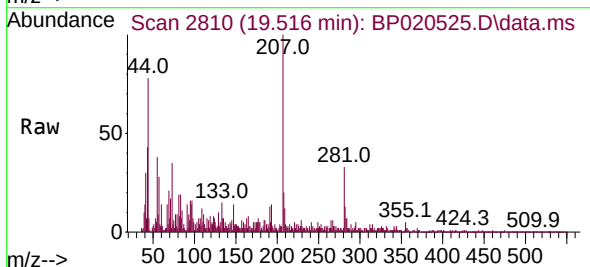
Tgt Ion:184 Resp: 865

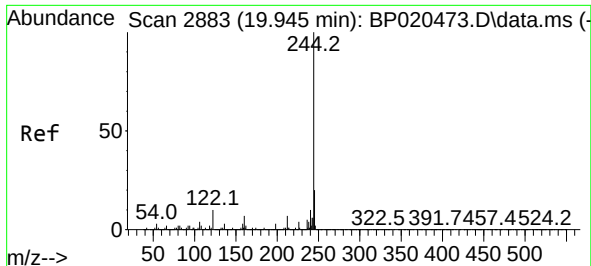
Ion Ratio Lower Upper

184 100

185 94.3 12.0 18.0#

183 48.6 9.4 14.0#

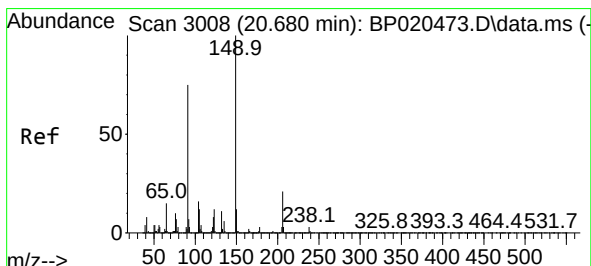
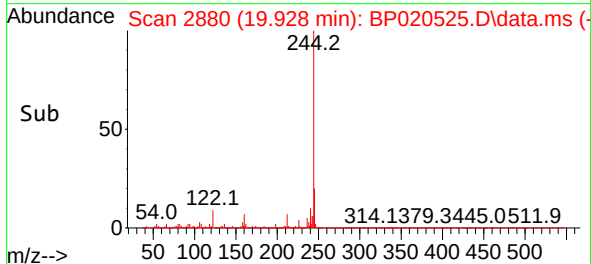
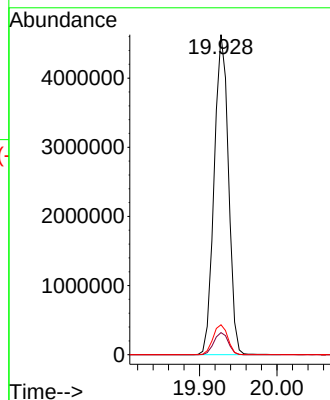
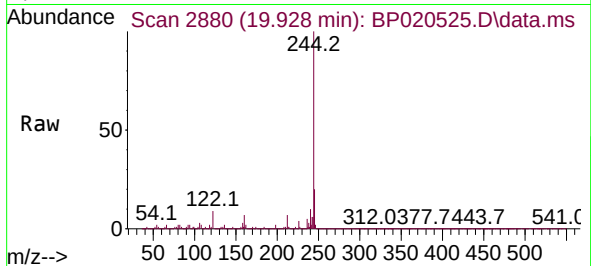




#79
 Terphenyl-d14
 Concen: 79.073 ng
 RT: 19.928 min Scan# 2880
 Delta R.T. -0.017 min
 Lab File: BP020525.D
 Acq: 05 Jun 2024 20:31

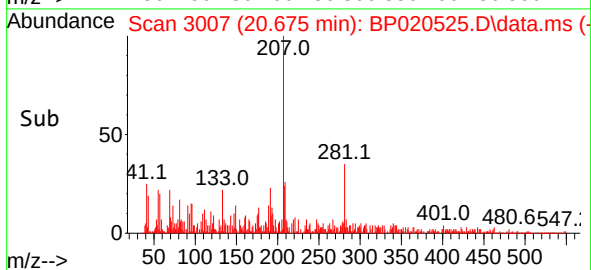
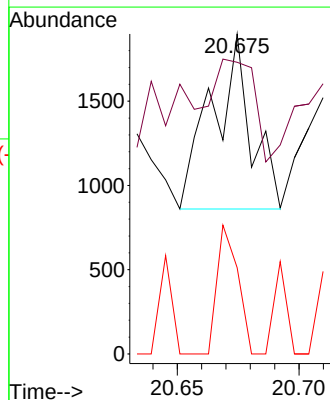
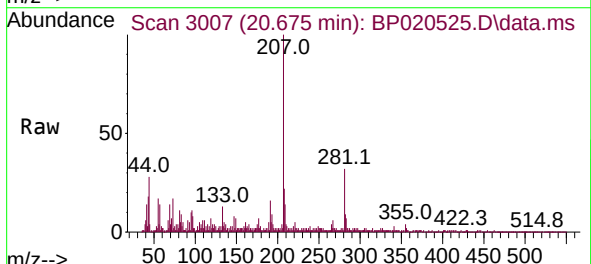
Instrument :
 BNA_P
 ClientSampleId :
 WC-4

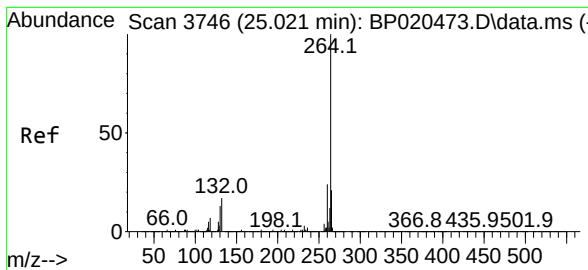
Tgt Ion:244 Resp: 5926176
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.460 ng
 RT: 20.675 min Scan# 3007
 Delta R.T. -0.005 min
 Lab File: BP020525.D
 Acq: 05 Jun 2024 20:31

Tgt Ion:149 Resp: 1168
 Ion Ratio Lower Upper
 149 100
 91 91.2 60.0 90.0#
 206 27.0 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: BP020525.D

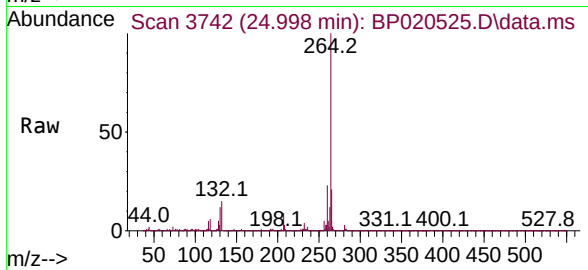
Acq: 05 Jun 2024 20:31

Instrument :

BNA_P

ClientSampleId :

WC-4



Tgt Ion:264 Resp: 1426670

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.2 17.4 26.0

