

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020630.D
 Acq On : 14 Jun 2024 18:17
 Operator : MA/JU
 Sample : P2864-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-H

Quant Time: Jun 14 18:46:30 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)

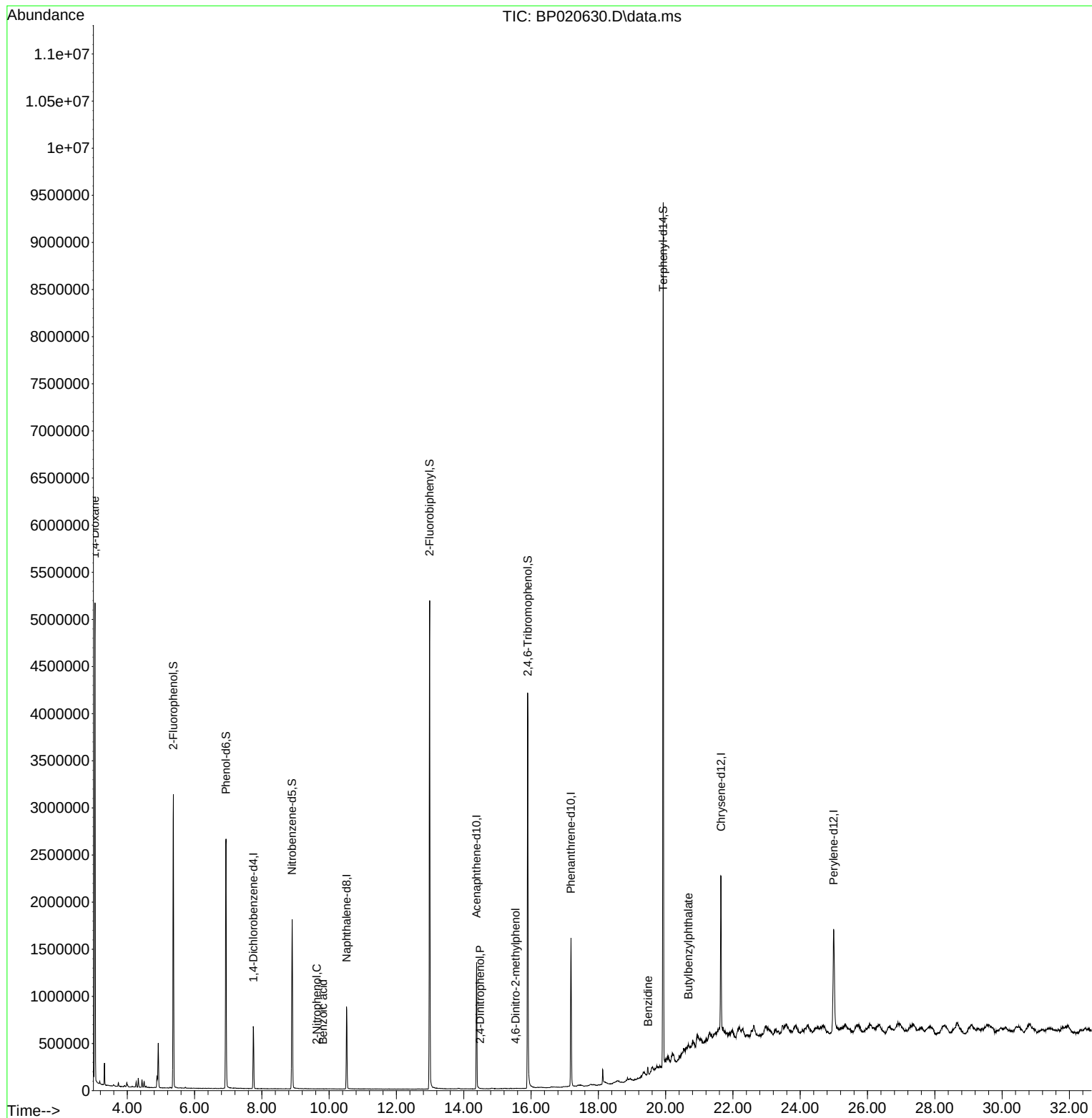
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	185801	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	708215	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	477650	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	1063164	20.000	ng	-0.02
76) Chrysene-d12	21.645	240	1025779	20.000	ng	-0.02
86) Perylene-d12	24.992	264	1198640	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1313473	126.571	ng	0.00
7) Phenol-d6	6.934	99	1542070	105.371	ng	0.00
23) Nitrobenzene-d5	8.899	82	1104997	85.409	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	882934	178.116	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	2675668	83.507	ng	-0.02
79) Terphenyl-d14	19.928	244	4922277	79.883	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.040	88	29712	7.086	ng	# 1
26) 2-Nitrophenol	9.634	139	55	3.801	ng	# 1
32) Benzoic acid	9.816	122	8	6.849	ng	# 1
54) 2,4-Dinitrophenol	14.487	184	28	4.985	ng	# 40
65) 4,6-Dinitro-2-methylph...	15.540	198	58	7.664	ng	# 1
77) Benzidine	19.480	184	1611	6.009	ng	# 1
80) Butylbenzylphthalate	20.675	149	379	2.443	ng	# 87

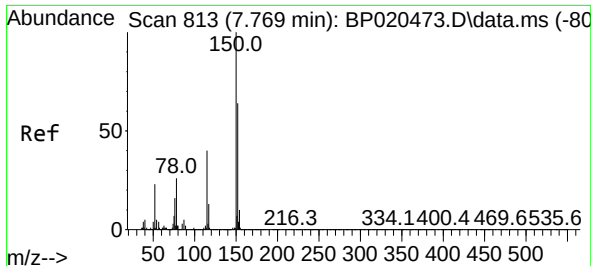
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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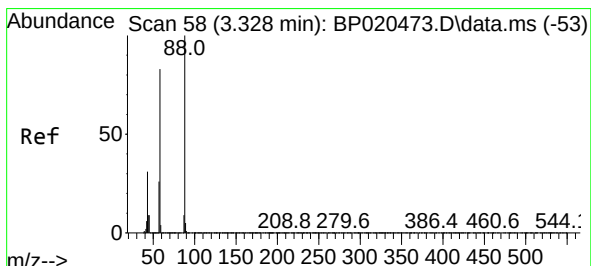
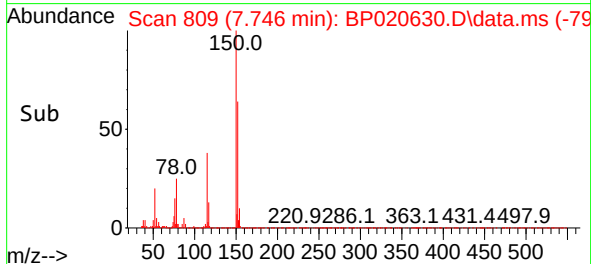
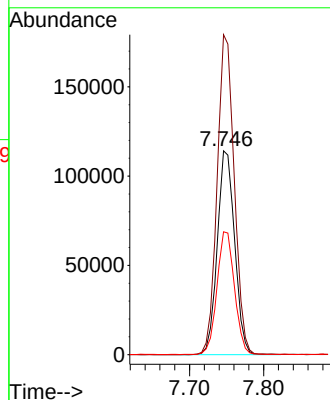
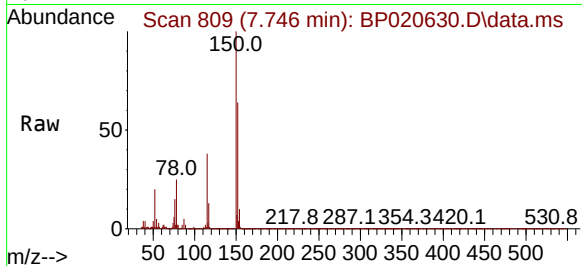




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

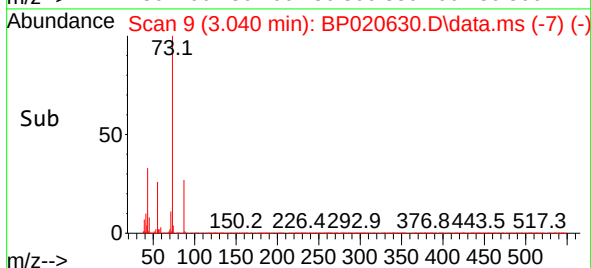
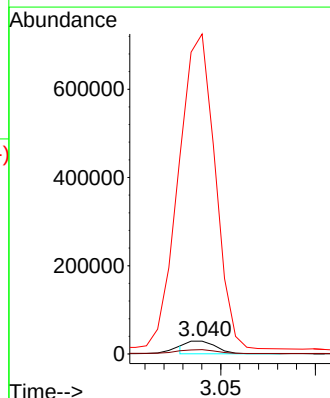
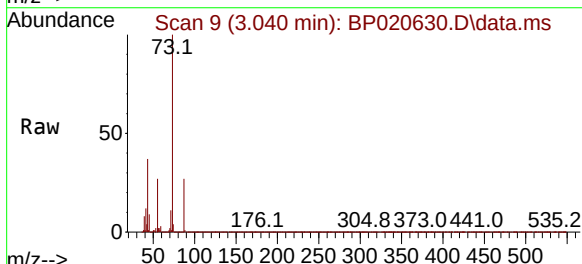
Instrument :
BNA_P
ClientSampleId :
WC-H

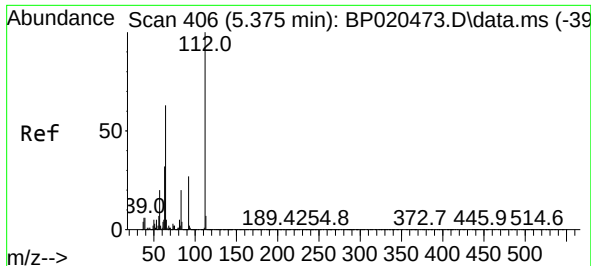
Tgt Ion:152 Resp: 185801
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 60.2 49.5 74.3



#2
1,4-Dioxane
Concen: 7.086 ng
RT: 3.040 min Scan# 9
Delta R.T. -0.288 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion: 88 Resp: 29712
Ion Ratio Lower Upper
88 100
58 30.3 64.6 97.0#
43 2480.7 24.5 36.7#

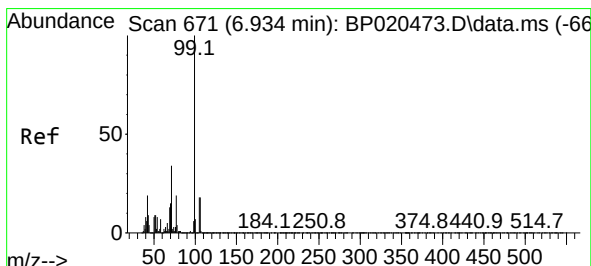
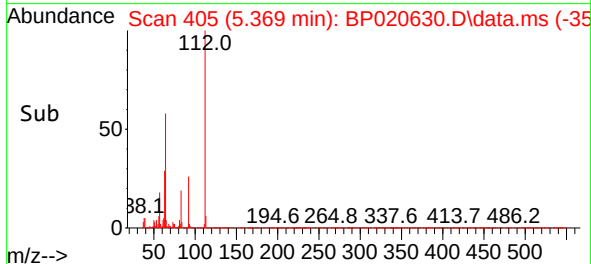
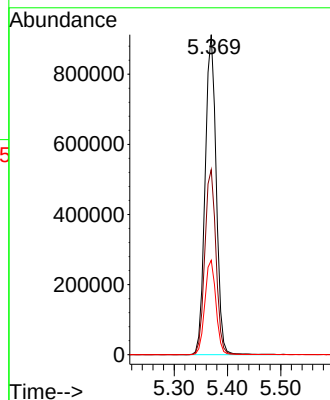
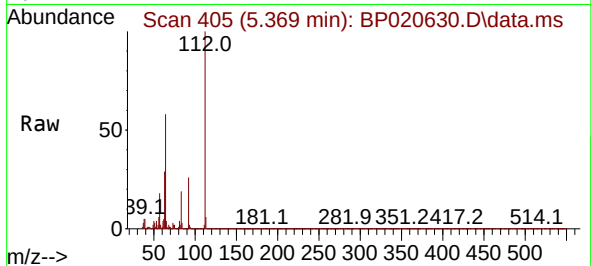




#5
2-Fluorophenol
Concen: 126.571 ng
RT: 5.369 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

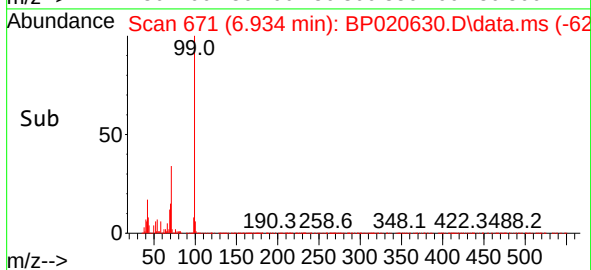
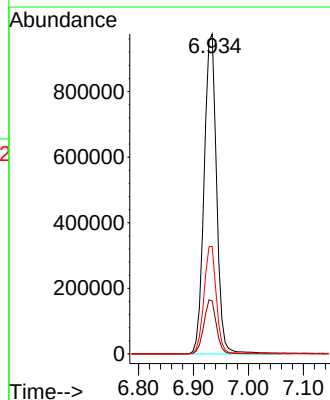
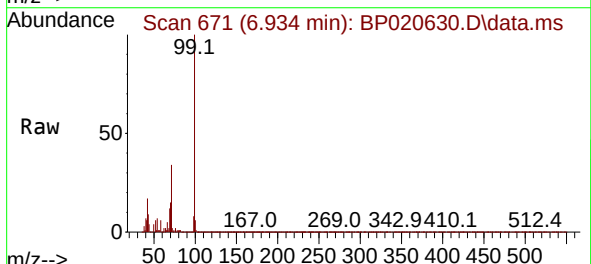
Instrument :
BNA_P
ClientSampleId :
WC-H

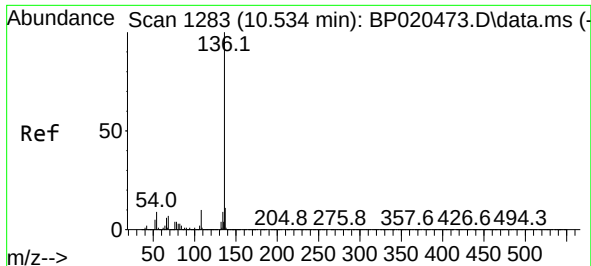
Tgt Ion:112 Resp: 1313473
Ion Ratio Lower Upper
112 100
64 57.8 50.1 75.1
63 29.5 25.7 38.5



#7
Phenol-d6
Concen: 105.371 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion: 99 Resp: 1542070
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 33.6 27.3 40.9

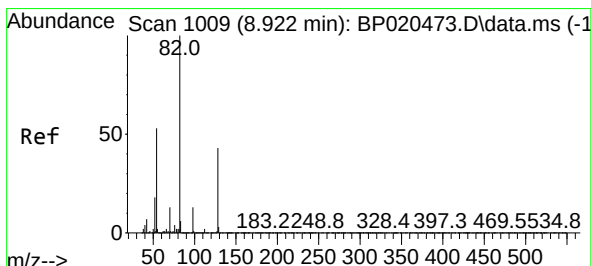
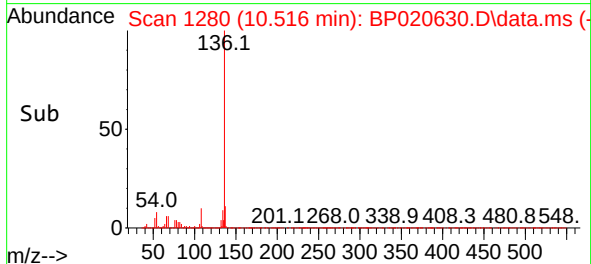
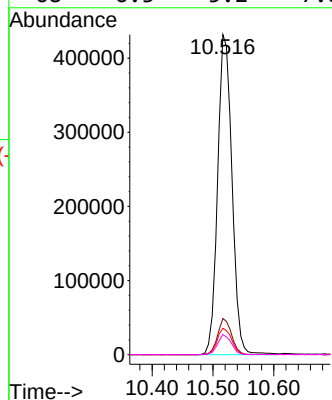
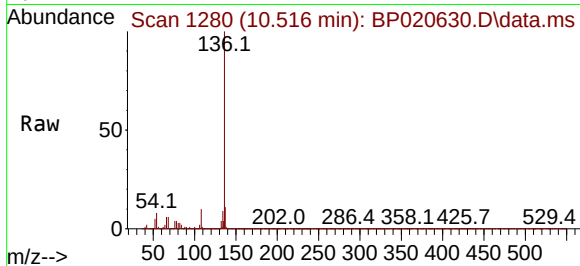




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1005
Delta R.T. -0.018 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

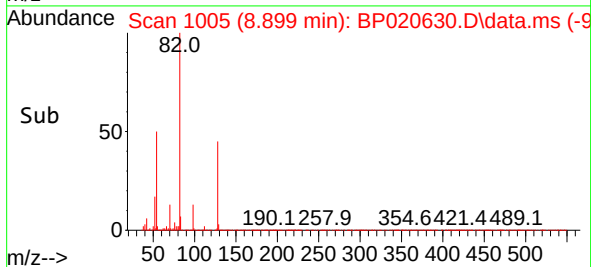
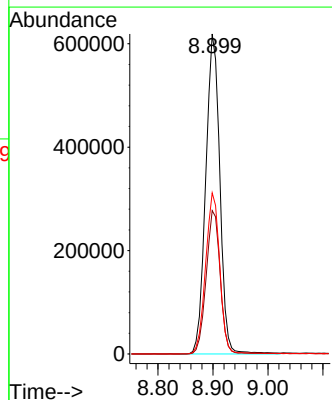
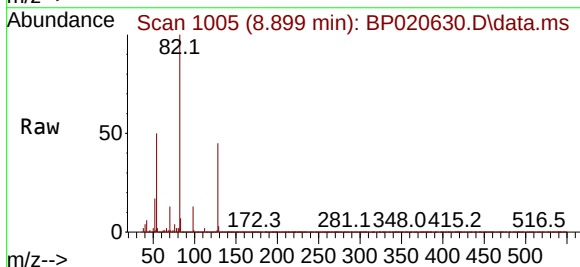
Instrument :
BNA_P
ClientSampleId :
WC-H

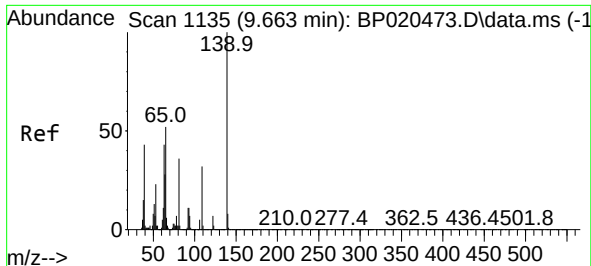
Tgt Ion:	136	Resp:	708215
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	8.3	7.4	11.0
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 85.409 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion:	82	Resp:	1104997
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.2	51.4
54	50.3	42.7	64.1

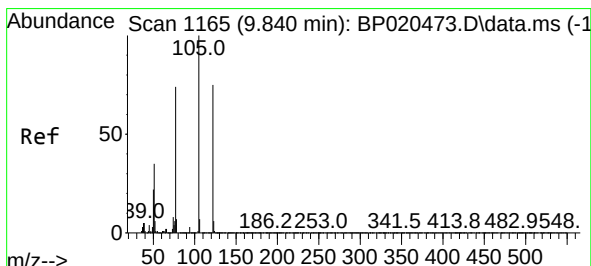
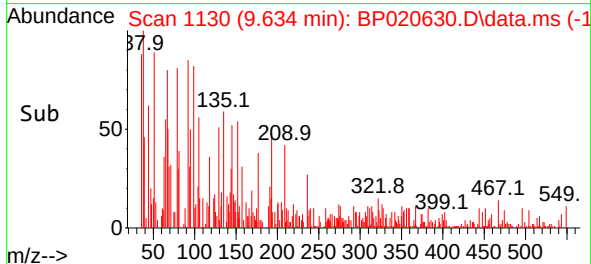
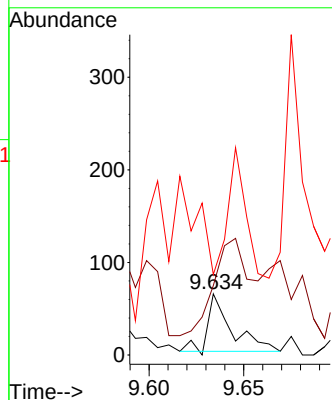
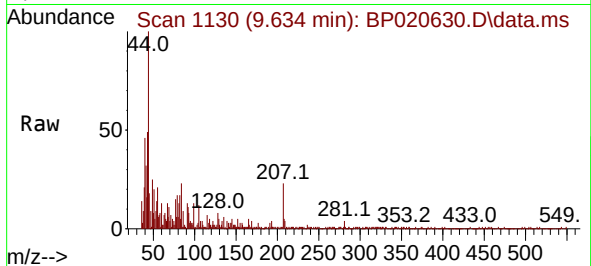




#26
2-Nitrophenol
Concen: 3.801 ng
RT: 9.634 min Scan# 1135
Delta R.T. -0.029 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

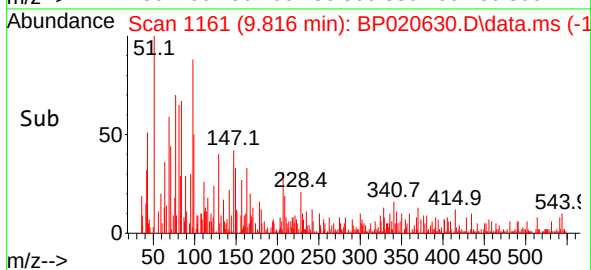
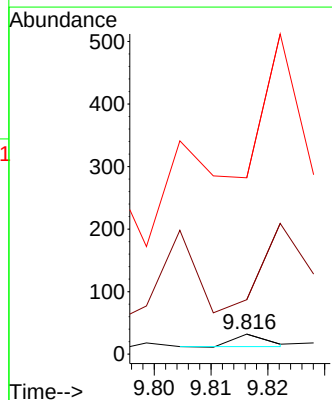
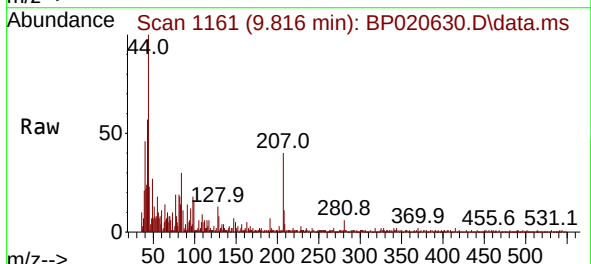
Instrument :
BNA_P
ClientSampleId :
WC-H

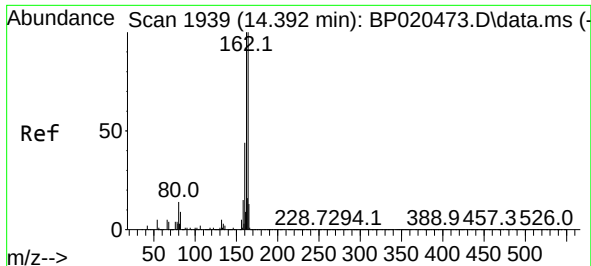
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 113.6 25.8 38.8#
65 131.8 41.8 62.8#



#32
Benzoic acid
Concen: 6.849 ng
RT: 9.816 min Scan# 1161
Delta R.T. -0.024 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion:122 Resp: 8
Ion Ratio Lower Upper
122 100
105 271.9 107.5 147.5#
77 881.3 76.1 116.1#

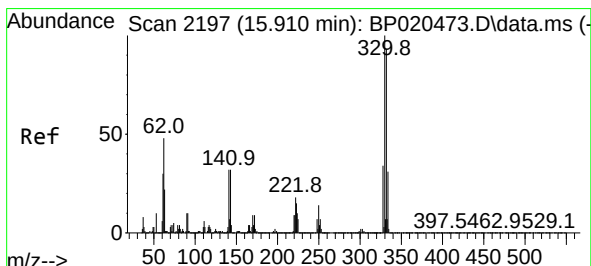
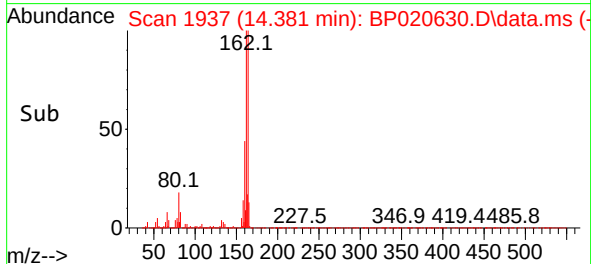
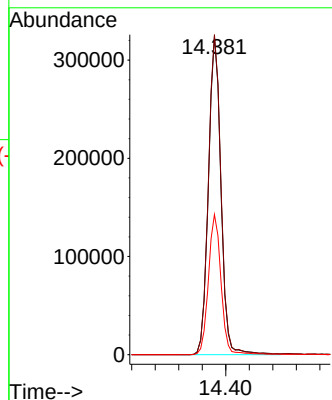
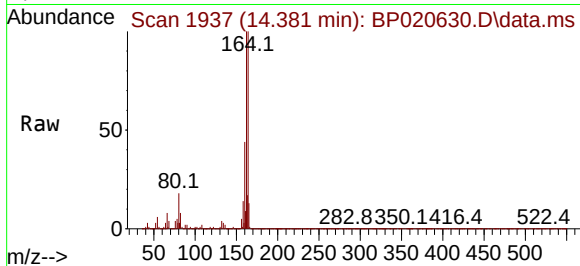




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

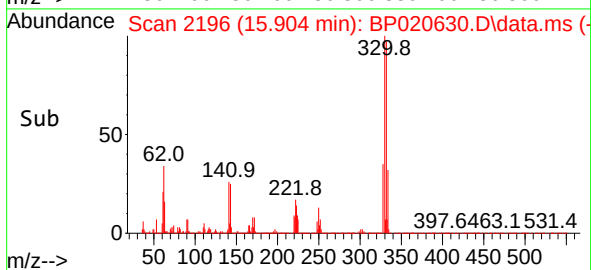
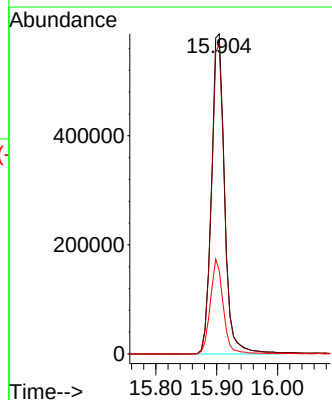
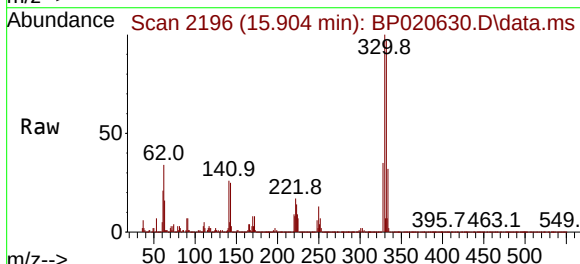
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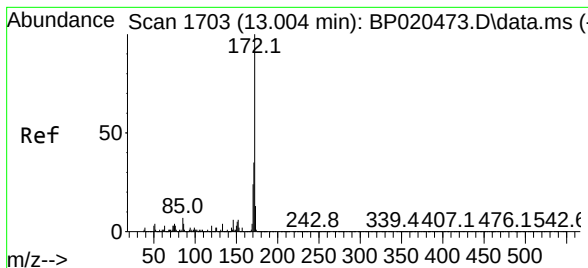
Tgt Ion:164 Resp: 477650
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.0 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 178.116 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion:330 Resp: 882934
Ion Ratio Lower Upper
330 100
332 98.1 76.6 114.8
141 29.2 27.1 40.7

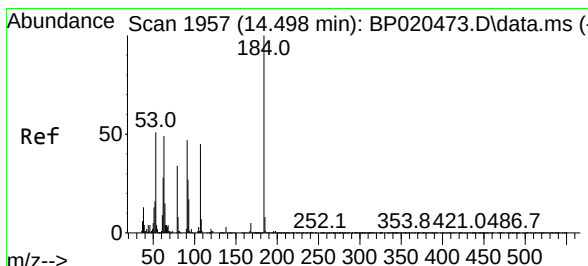
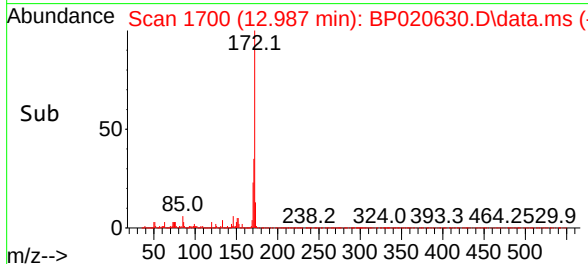
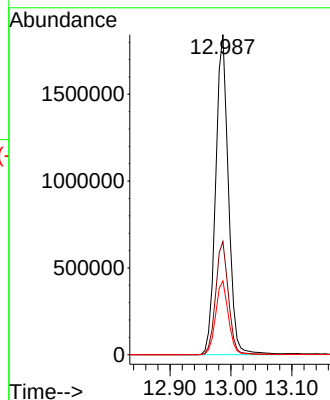
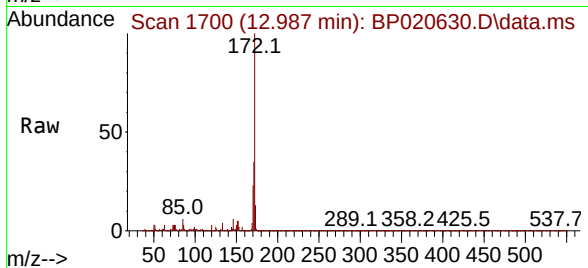




#45
2-Fluorobiphenyl
Concen: 83.507 ng
RT: 12.987 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

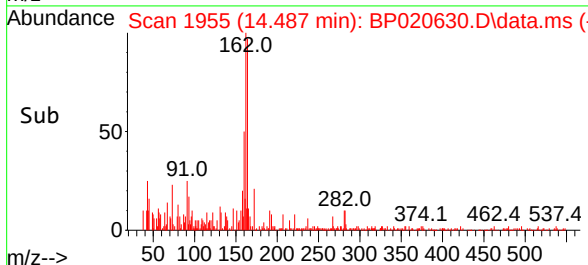
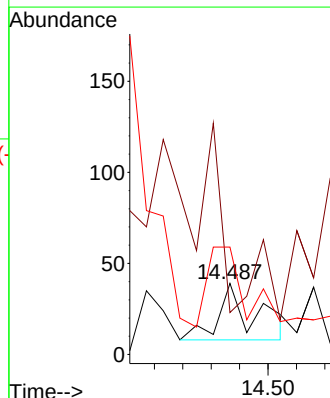
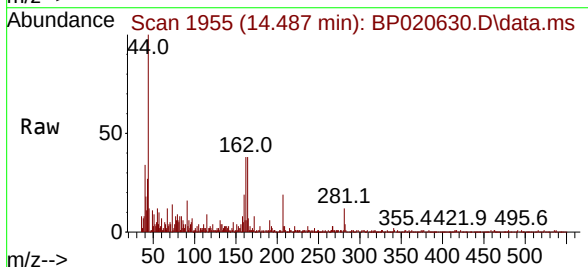
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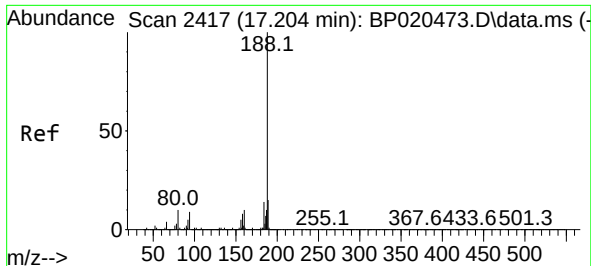
Tgt Ion:172 Resp: 2675668
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.0 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 4.985 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 59.0 54.2 81.4
154 151.3 51.0 76.6#

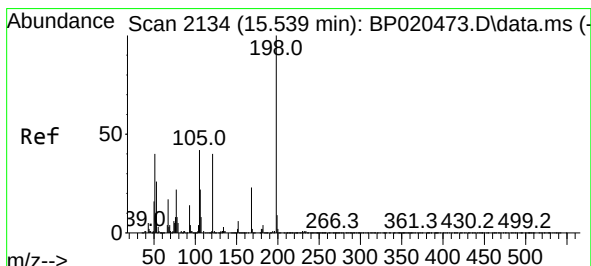
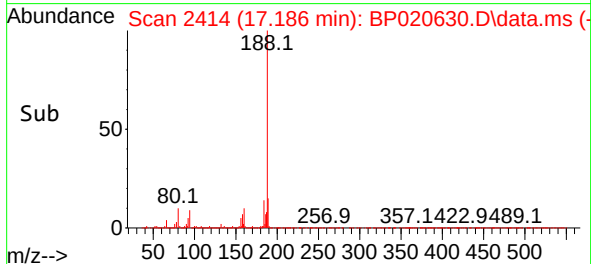
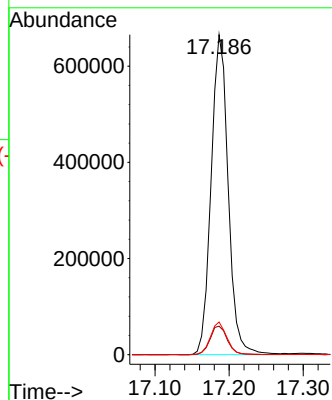
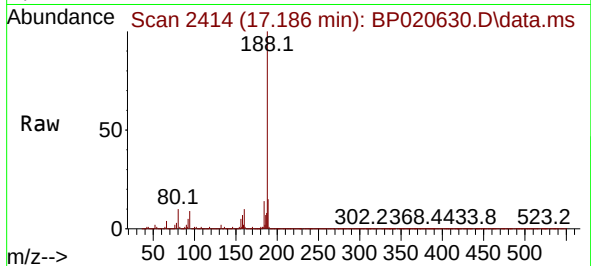




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

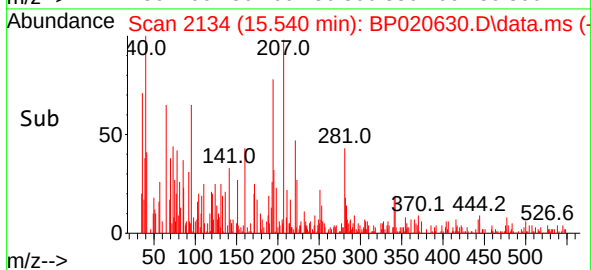
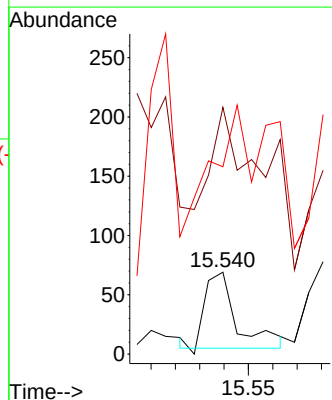
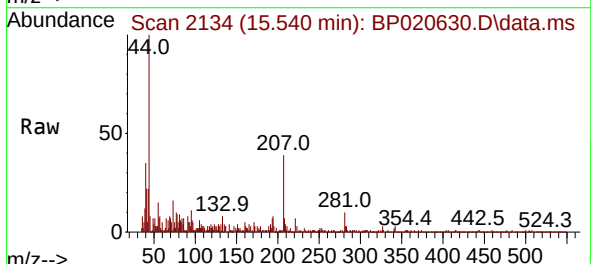
Instrument :
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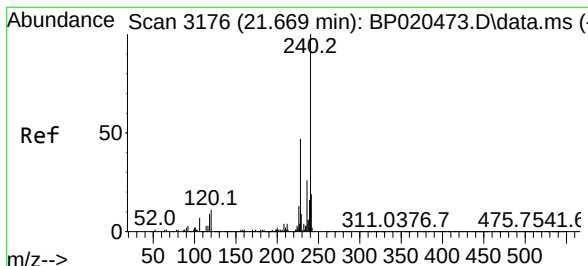
Tgt Ion:188 Resp: 1063164
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.2 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.664 ng
RT: 15.540 min Scan# 2134
Delta R.T. 0.001 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 301.4 24.8 64.8#
105 229.0 23.2 63.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3172

Delta R.T. -0.023 min

Lab File: BP020630.D

Acq: 14 Jun 2024 18:17

Instrument :

BNA_P

ClientSampleId :

WC-H

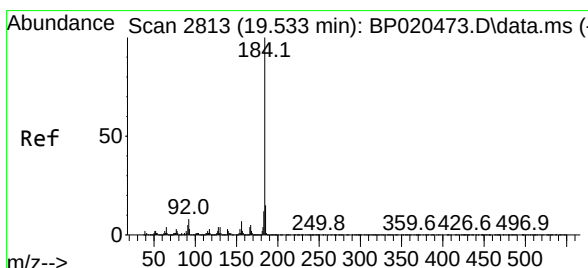
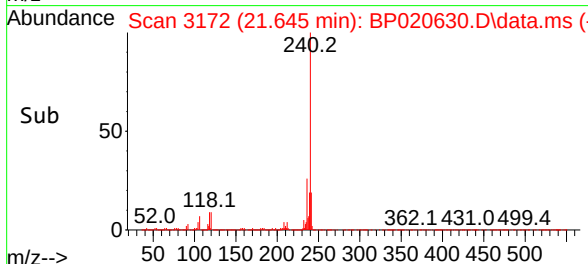
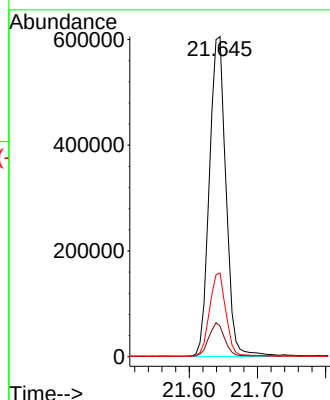
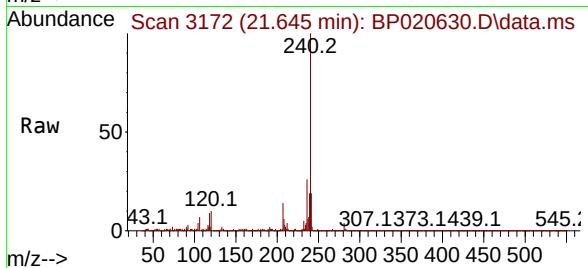
Tgt Ion:240 Resp: 1025779

Ion Ratio Lower Upper

240 100

120 9.5 8.5 12.7

236 26.2 20.5 30.7



#77

Benzidine

Concen: 6.009 ng

RT: 19.480 min Scan# 2804

Delta R.T. -0.053 min

Lab File: BP020630.D

Acq: 14 Jun 2024 18:17

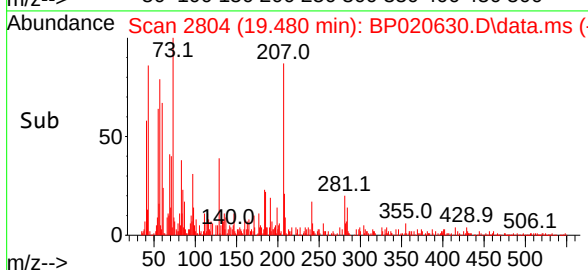
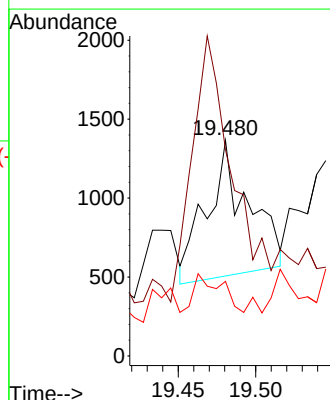
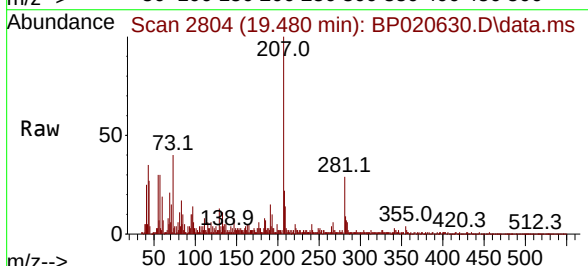
Tgt Ion:184 Resp: 1611

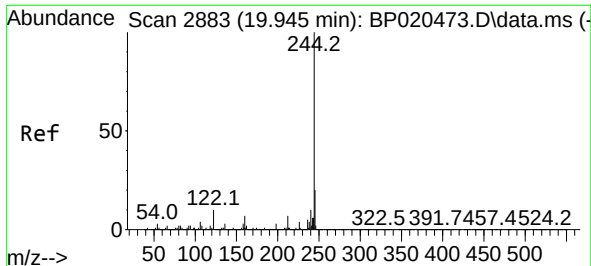
Ion Ratio Lower Upper

184 100

185 95.7 12.0 18.0#

183 34.6 9.4 14.0#

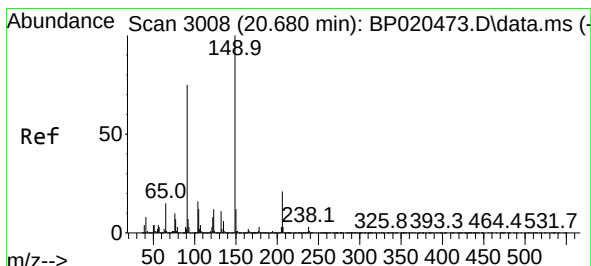
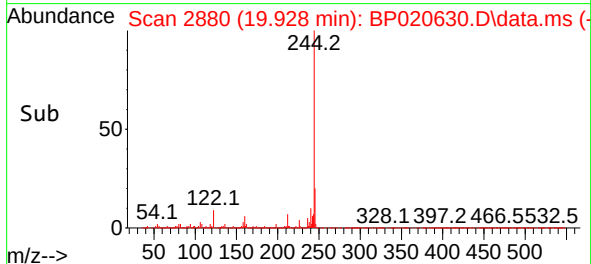
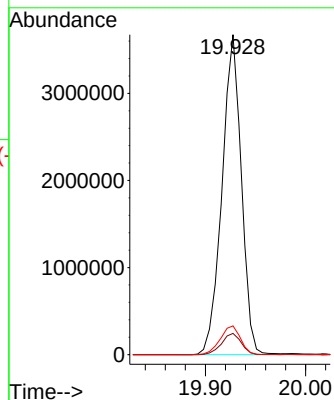
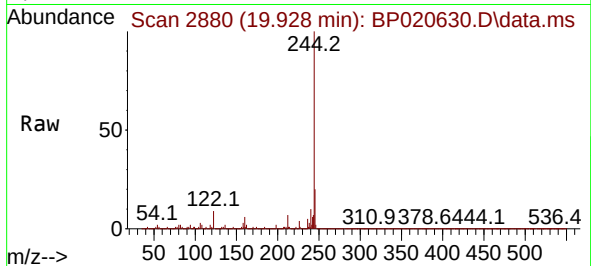




#79
 Terphenyl-d14
 Concen: 79.883 ng
 RT: 19.928 min Scan# 2880
 Delta R.T. -0.017 min
 Lab File: BP020630.D
 Acq: 14 Jun 2024 18:17

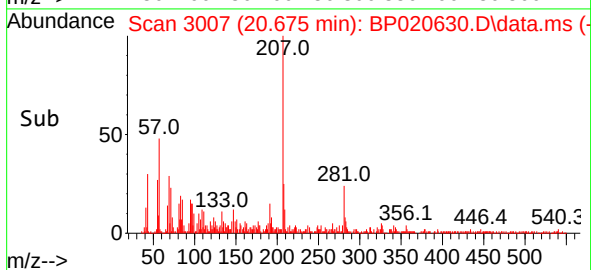
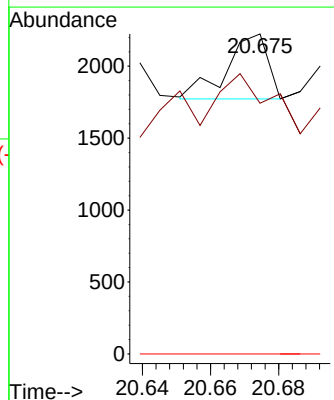
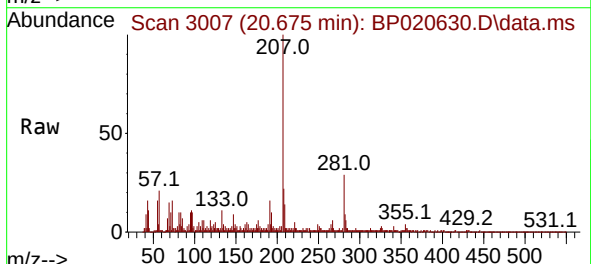
Instrument :
 BNA_P
 ClientSampleId :
 WC-H

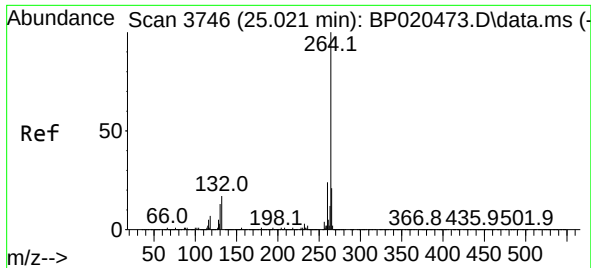
Tgt Ion:244 Resp: 4922277
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 9.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.443 ng
 RT: 20.675 min Scan# 3007
 Delta R.T. -0.005 min
 Lab File: BP020630.D
 Acq: 14 Jun 2024 18:17

Tgt Ion:149 Resp: 379
 Ion Ratio Lower Upper
 149 100
 91 78.3 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: BP020630.D
 Acq: 14 Jun 2024 18:17

Instrument :
 BNA_P
 ClientSampleId :
 WC-H

Tgt Ion:264 Resp: 1198640
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 23.2 17.4 26.0

