

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013522.D
 Acq On : 18 Jan 2023 14:46
 Operator : CG/JU
 Sample : 01168-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH1Z6

Quant Time: Jan 19 01:46:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

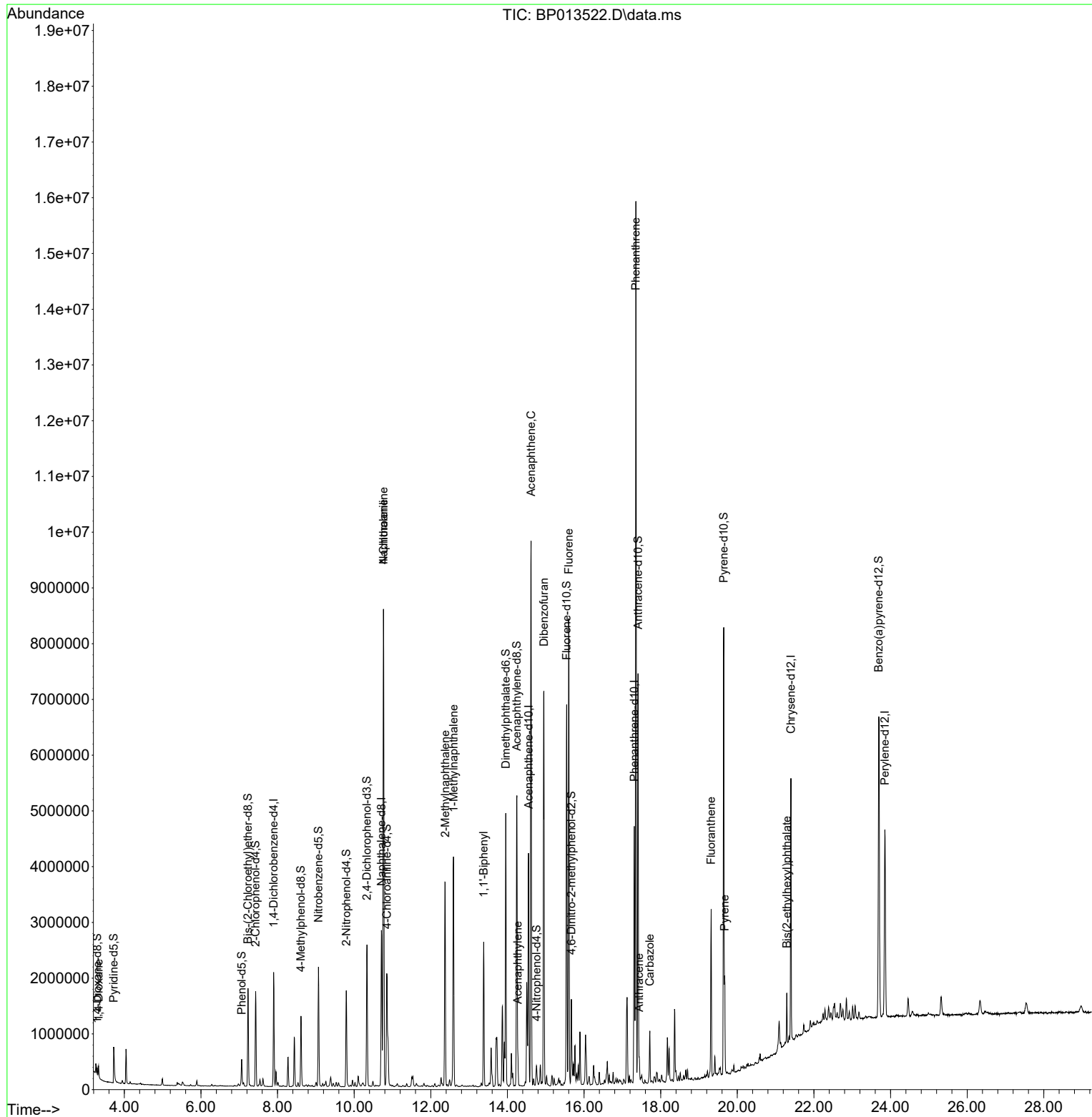
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	519195	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	2264382	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	1404242	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	2764159	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	2148421	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	2618480	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	58183	4.356	ng/uL	0.00
4) Pyridine-d5	3.722	84	328701	8.823	ng/u1	0.00
7) Phenol-d5	7.063	99	257080	5.967	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	752094	27.672	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	729559	22.707	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	451210	13.747	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	472893	29.331	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	525026	29.747	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	901656	25.634	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	1058281	21.357	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	3046502	29.778	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	3418051	30.182	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	68282	3.646	ng/u1	0.00
60) Fluorene-d10	15.545	176	2612493	28.909	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	323426	18.453	ng/u1	0.00
73) Anthracene-d10	17.410	188	3819304	31.260	ng/u1	0.00
81) Pyrene-d10	19.645	212	4063424	34.762	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	4061693	31.579	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	89741	6.101	ng/uL	96
30) Naphthalene	10.763	128	6707809	55.685	ng/u1	99
32) 4-Chloroaniline	10.763	127	881175	17.687	ng/u1#	10
36) 2-Methylnaphthalene	12.375	142	1715680	22.271	ng/u1	100
37) 1-Methylnaphthalene	12.593	142	1853428	23.194	ng/u1	100
43) 1,1'-Biphenyl	13.381	154	1288072	12.082	ng/u1	99
50) Acenaphthylene	14.269	152	164596	1.319	ng/u1#	93
52) Acenaphthene	14.616	153	3950075	44.220	ng/u1	99
56) Dibenzofuran	14.951	168	4601769	35.869	ng/u1	100
61) Fluorene	15.598	166	3765581	36.771	ng/u1	100
72) Phenanthrene	17.351	178	9533041	64.871	ng/u1	98
74) Anthracene	17.439	178	259310	1.786	ng/u1	97
77) Carbazole	17.716	167	524645	4.173	ng/u1	99
80) Fluoranthene	19.316	202	1771179	13.239	ng/u1	98
82) Pyrene	19.669	202	1020627	7.200	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.292	149	276856	4.621	ng/u1	99

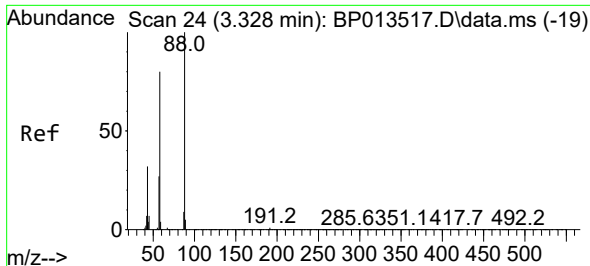
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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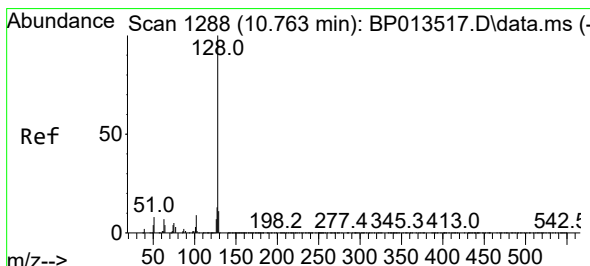
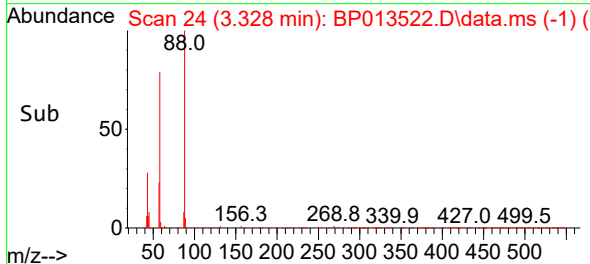
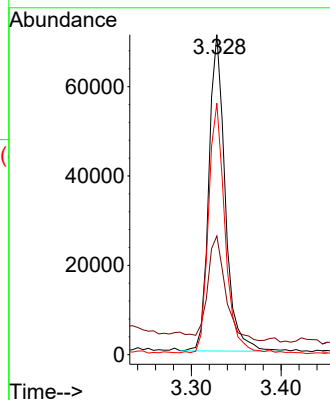
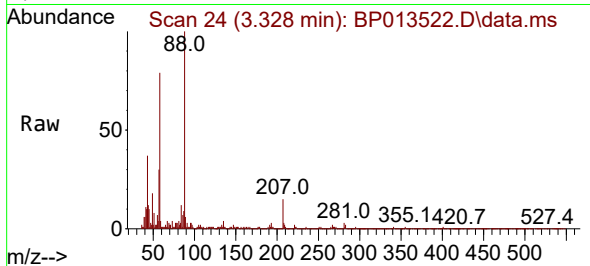




#2
1,4-Dioxane
Concen: 6.101 ng/uL
RT: 3.328 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

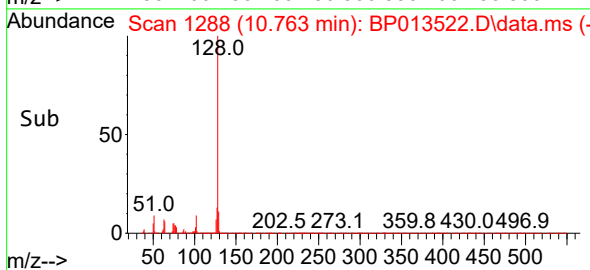
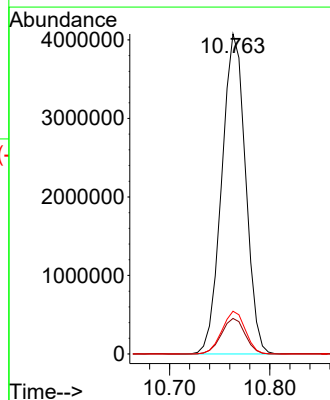
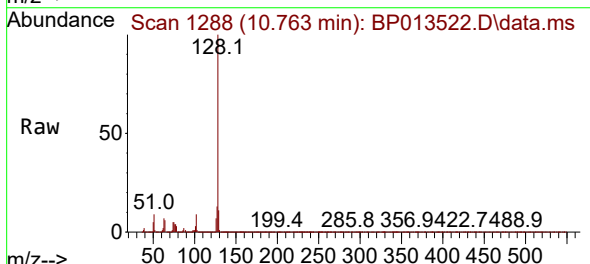
Instrument :
BNA_P
ClientSampleId :
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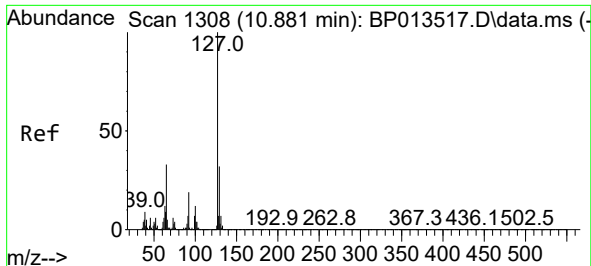
Tgt Ion:	88	Resp:	89741
Ion	Ratio	Lower	Upper
88	100		
43	37.1	26.6	40.0
58	78.6	64.7	97.1



#30
Naphthalene
Concen: 55.685 ng/uL
RT: 10.763 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

Tgt Ion:	128	Resp:	6707809
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.3	10.1	15.1

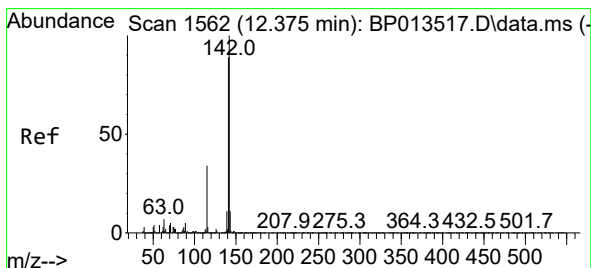
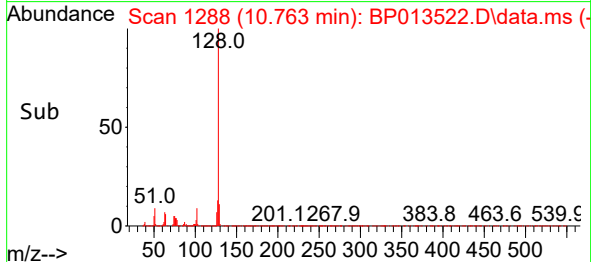
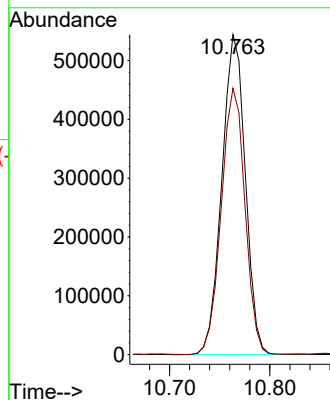
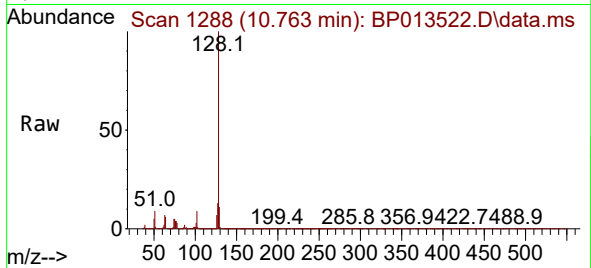




#32
4-Chloroaniline
Concen: 17.687 ng/ul
RT: 10.763 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

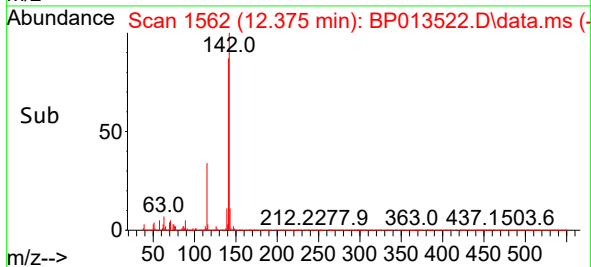
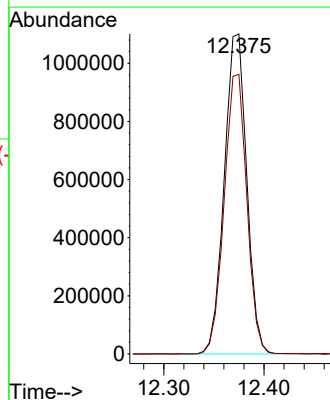
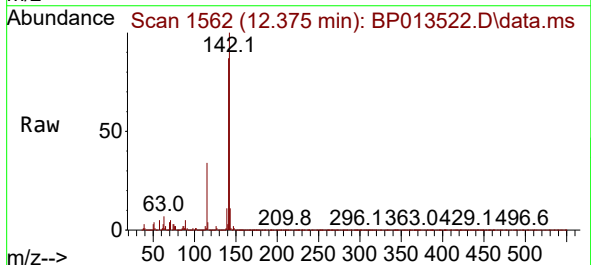
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ClientSampleId :
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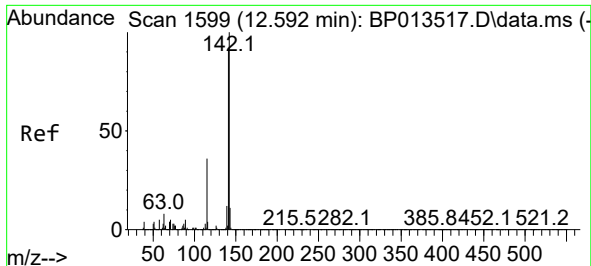
Tgt Ion:127 Resp: 881175
Ion Ratio Lower Upper
127 100
129 83.2 26.1 39.1#



#36
2-Methylnaphthalene
Concen: 22.271 ng/ul
RT: 12.375 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

Tgt Ion:142 Resp: 1715680
Ion Ratio Lower Upper
142 100
141 87.4 69.7 104.5

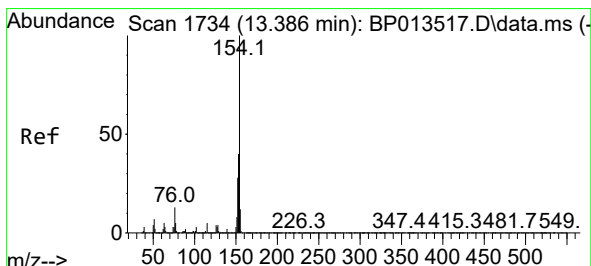
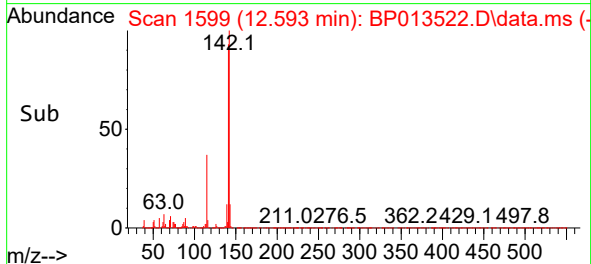
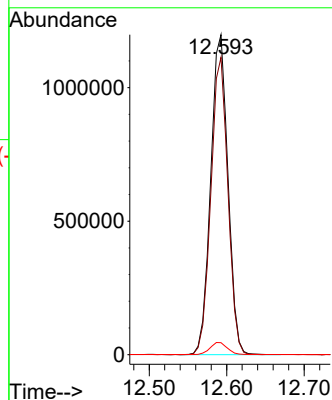
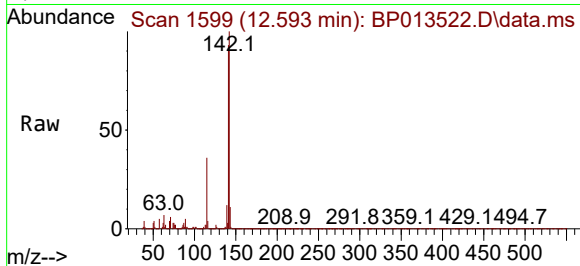




#37
1-Methylnaphthalene
Concen: 23.194 ng/ul
RT: 12.593 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

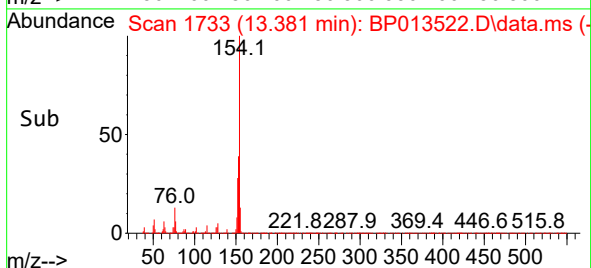
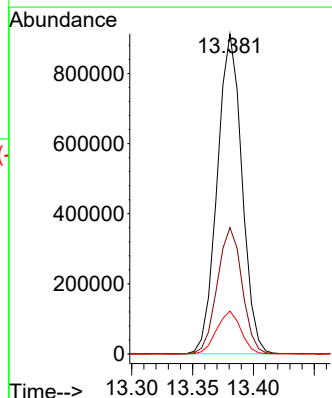
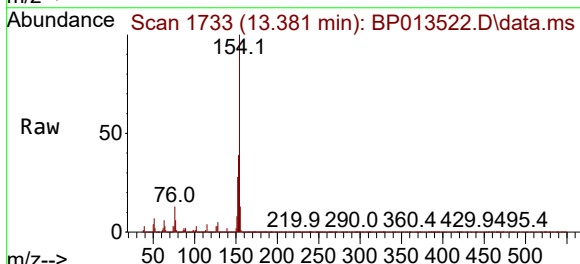
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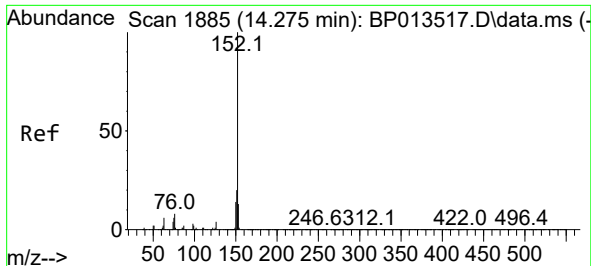
Tgt Ion:142 Resp: 1853428
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4
116 3.7 3.0 4.4



#43
1,1'-Biphenyl
Concen: 12.082 ng/ul
RT: 13.381 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

Tgt Ion:154 Resp: 1288072
Ion Ratio Lower Upper
154 100
153 39.5 31.9 47.9
76 13.4 10.3 15.5

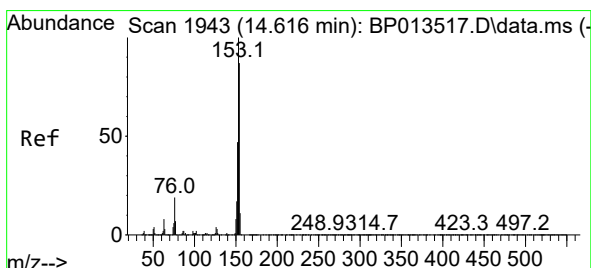
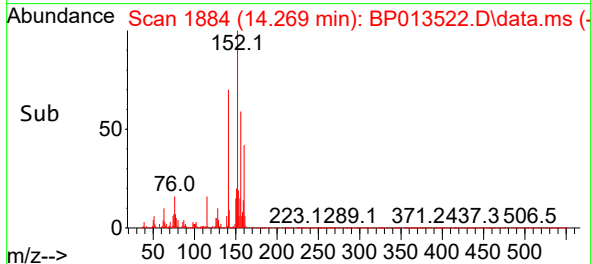
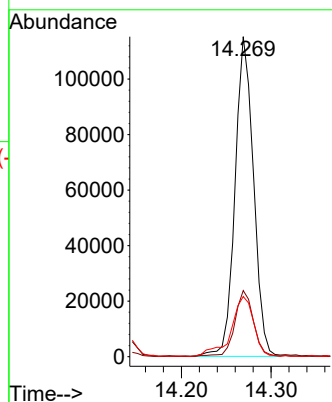
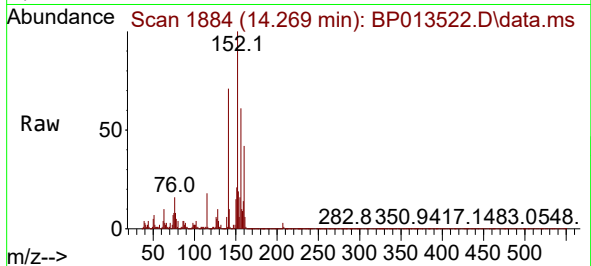




#50
Acenaphthylene
Concen: 1.319 ng/ul
RT: 14.269 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

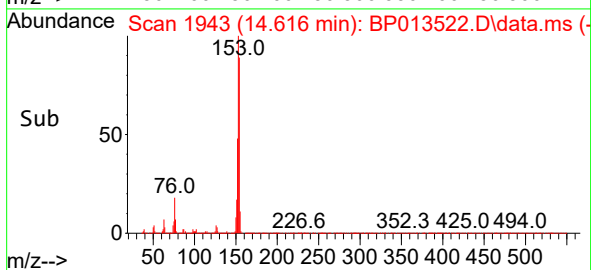
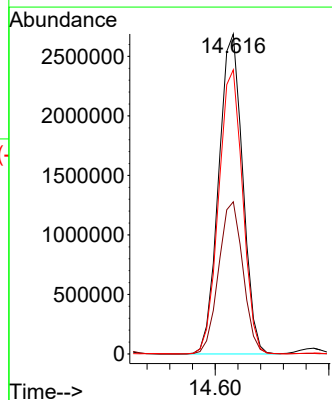
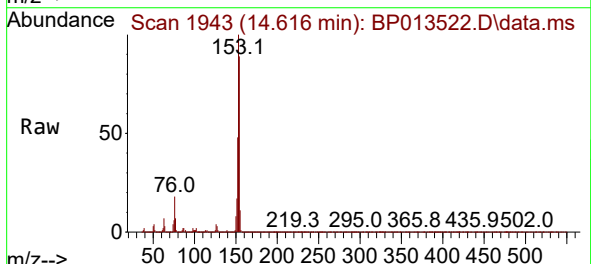
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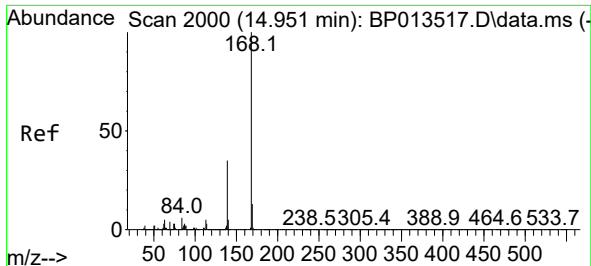
Tgt Ion:152 Resp: 164596
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 18.8 10.3 15.5#



#52
Acenaphthene
Concen: 44.220 ng/ul
RT: 14.616 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

Tgt Ion:153 Resp: 3950075
Ion Ratio Lower Upper
153 100
152 47.5 38.4 57.6
154 88.8 70.6 106.0

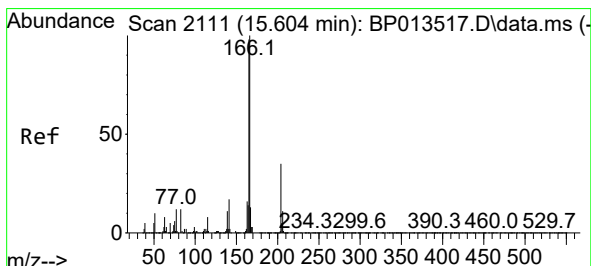
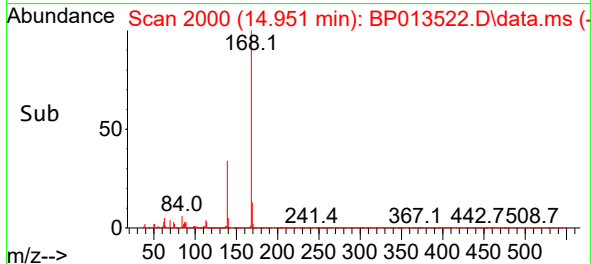
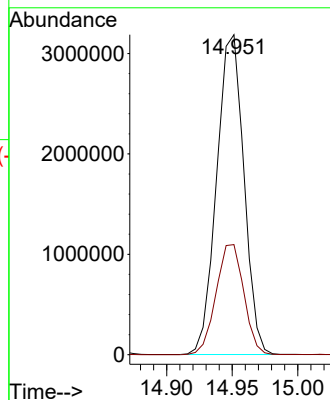
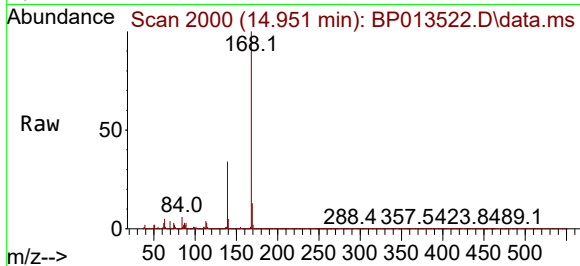




#56
Dibenzofuran
Concen: 35.869 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

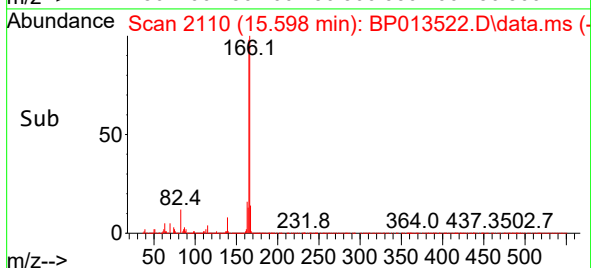
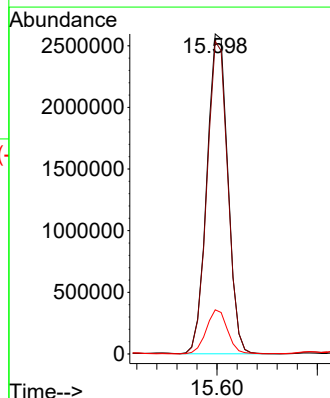
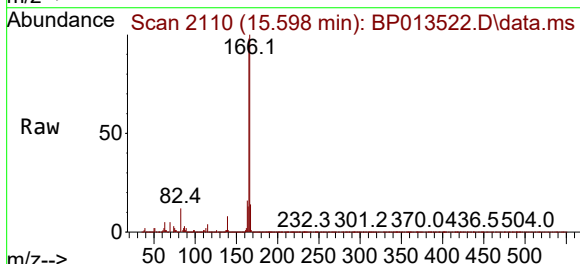
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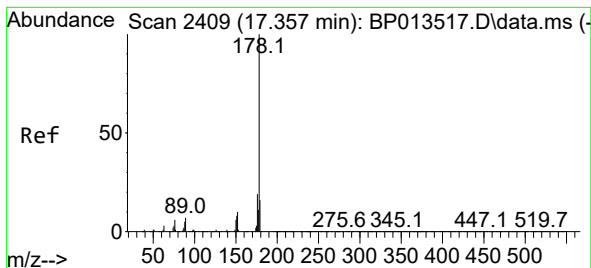
Tgt Ion:168 Resp: 4601769
Ion Ratio Lower Upper
168 100
139 34.4 27.4 41.2



#61
Fluorene
Concen: 36.771 ng/ul
RT: 15.598 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP013522.D
Acq: 18 Jan 2023 14:46

Tgt Ion:166 Resp: 3765581
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 13.8 10.8 16.2





#72

Phenanthrene

Concen: 64.871 ng/ul

RT: 17.351 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP013522.D

Acq: 18 Jan 2023 14:46

Instrument :

BNA_P

ClientSampleId :

BH1Z6

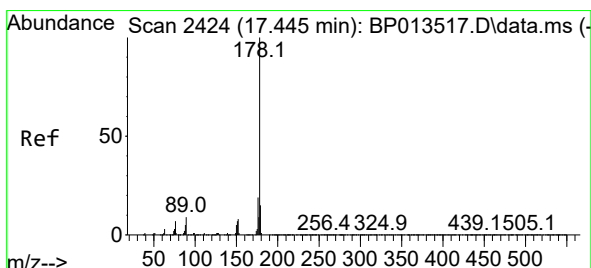
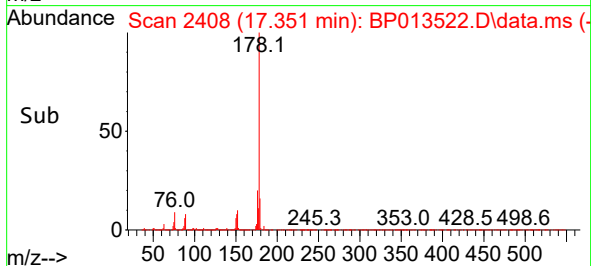
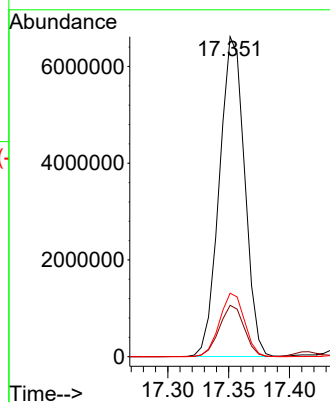
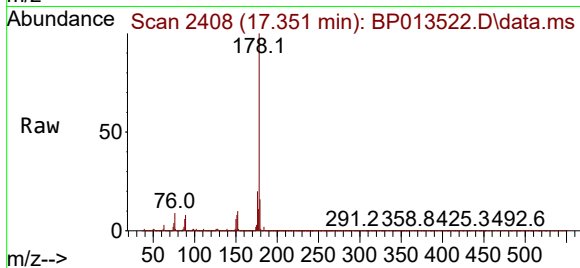
Tgt Ion:178 Resp: 9533041

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

176 19.9 15.4 23.0



#74

Anthracene

Concen: 1.786 ng/ul

RT: 17.439 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP013522.D

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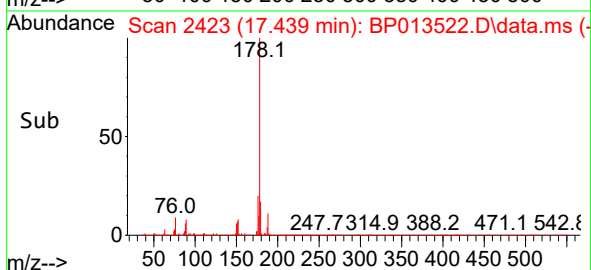
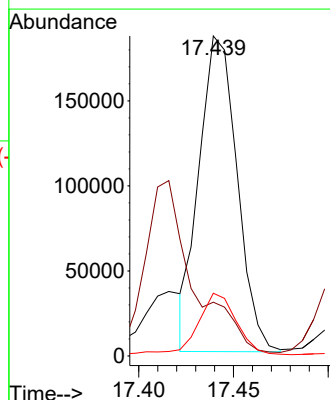
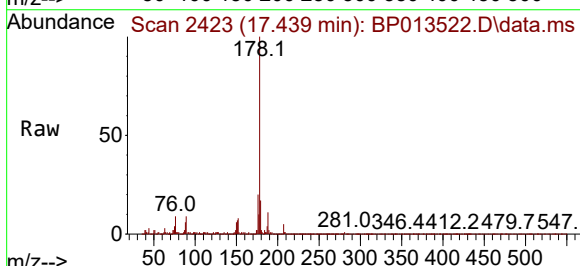
Tgt Ion:178 Resp: 259310

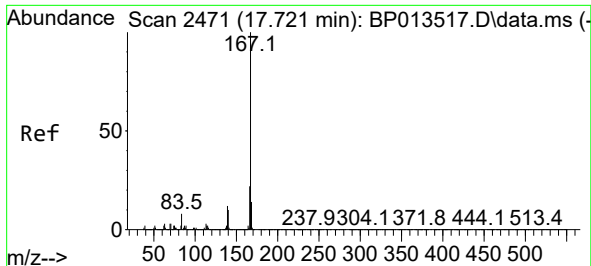
Ion Ratio Lower Upper

178 100

179 16.8 12.5 18.7

176 19.6 14.7 22.1

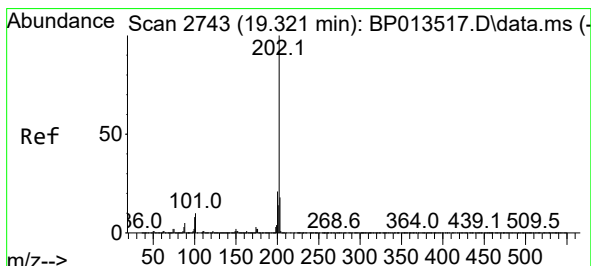
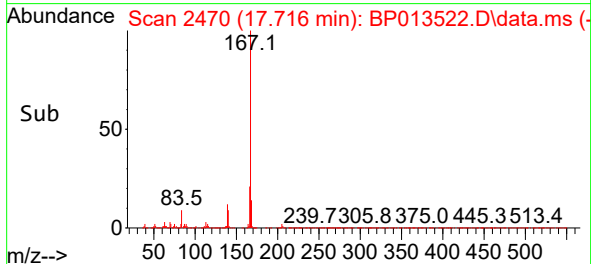
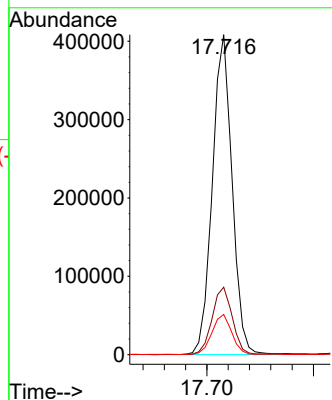
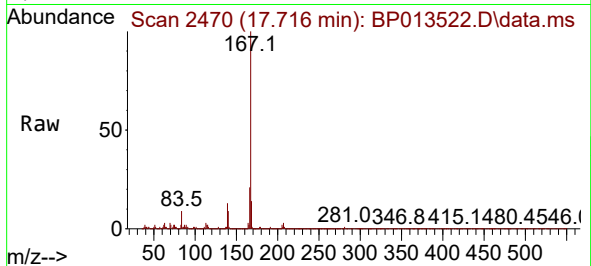




#77
 Carbazole
 Concen: 4.173 ng/ul
 RT: 17.716 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BP013522.D
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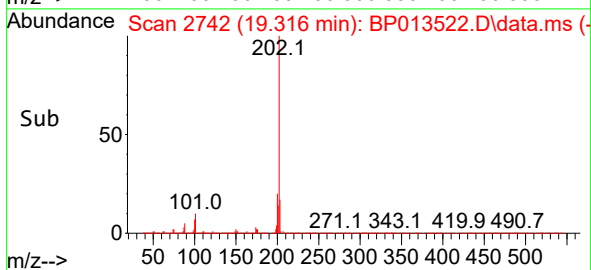
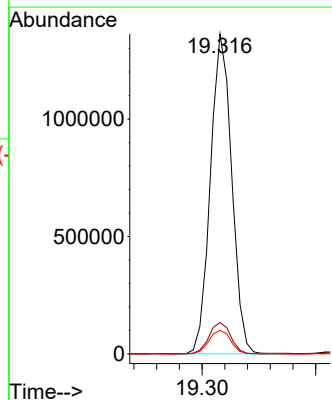
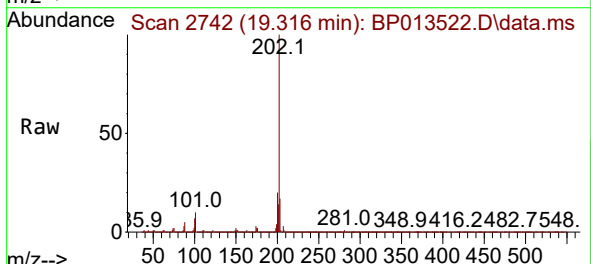
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 ClientSampleId :
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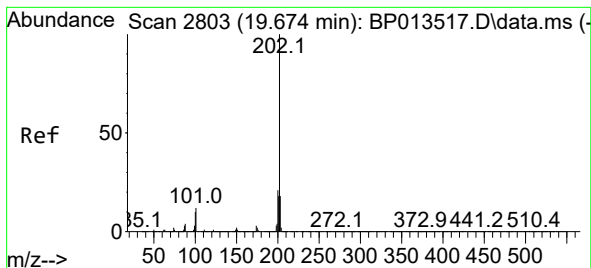
Tgt Ion:167 Resp: 524645
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.5 26.3
 139 12.5 9.8 14.6



#80
 Fluoranthene
 Concen: 13.239 ng/ul
 RT: 19.316 min Scan# 2742
 Delta R.T. -0.000 min
 Lab File: BP013522.D
 Acq: 18 Jan 2023 14:46

Tgt Ion:202 Resp: 1771179
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.3 12.5
 100 7.4 6.8 10.2





#82

Pyrene

Concen: 7.200 ng/ul

RT: 19.669 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013522.D

Acq: 18 Jan 2023 14:46

Instrument :

BNA_P

ClientSampleId :

BH1Z6

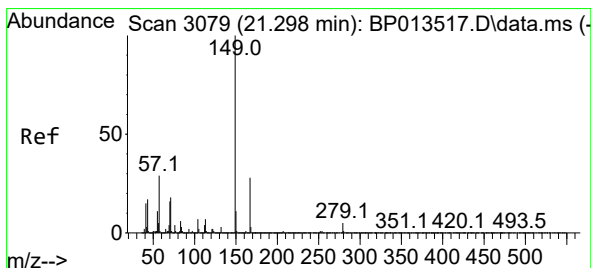
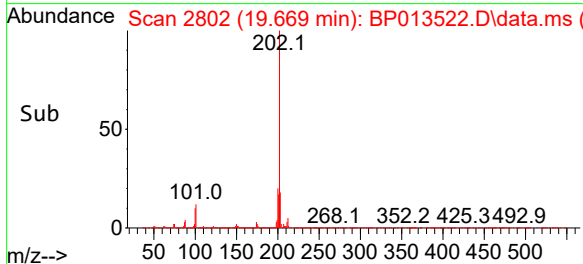
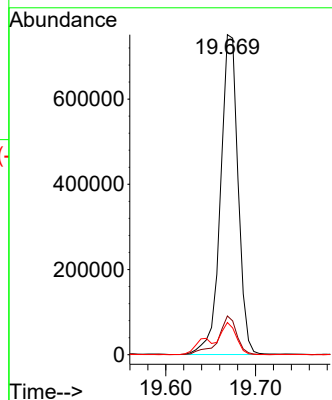
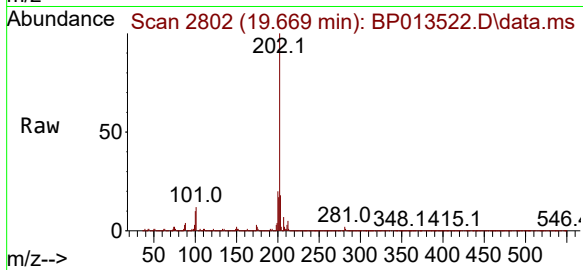
Tgt Ion:202 Resp: 1020627

Ion Ratio Lower Upper

202 100

101 12.1 8.8 13.2

100 10.1 7.4 11.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.621 ng/ul

RT: 21.292 min Scan# 3078

Delta R.T. -0.000 min

Lab File: BP013522.D

Acq: 18 Jan 2023 14:46

Tgt Ion:149 Resp: 276856

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 5.1 3.5 5.3

