

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
 Data File : BP014283.D
 Acq On : 24 Mar 2023 10:20
 Operator : CG/JU
 Sample : 02037-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E45E4

Quant Time: Mar 24 22:33:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 24 22:30:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

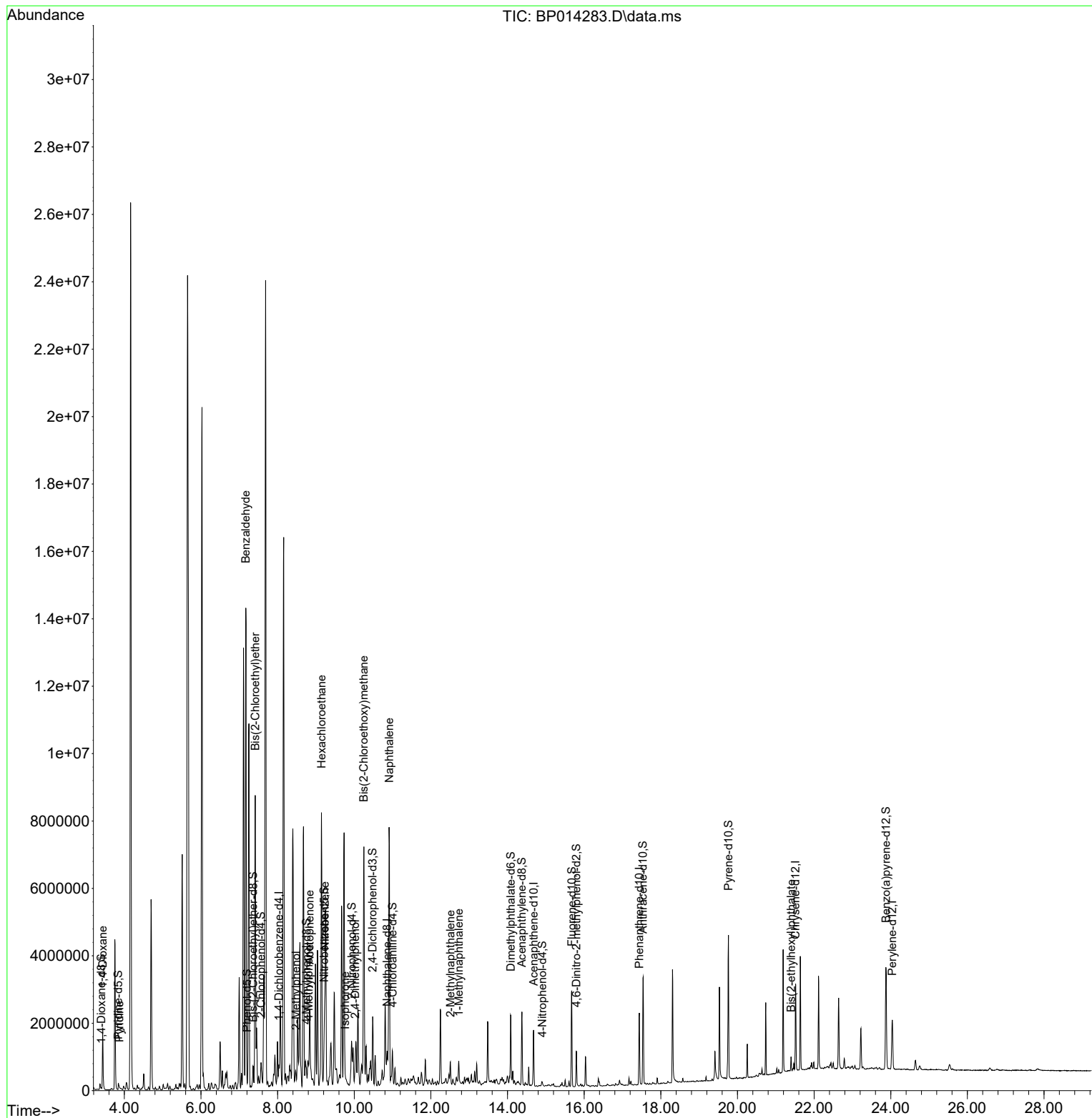
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	166890	20.000	ng/u1	0.00
20) Naphthalene-d8	10.858	136	739683	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.681	164	530205	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.440	188	1249177	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.516	240	1211727	20.000	ng/u1	#-0.02
88) Perylene-d12	24.039	264	1177851	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	18563	4.203	ng/uL	0.00
4) Pyridine-d5	3.840	84	96567	7.896	ng/u1	0.00
7) Phenol-d5	7.199	99	95136	6.460	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	273448	31.836	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	242386	21.602	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	178325	14.823	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	193066	32.712	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	187308	26.513	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.481	165	331187	24.914	ng/u1	0.00
31) 4-Chloroaniline-d4	10.999	131	187605	10.664	ng/u1	-0.01
46) Dimethylphthalate-d6	14.087	166	1265149	28.116	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	1378344	28.916	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	34944	4.407	ng/u1	0.01
60) Fluorene-d10	15.675	176	1099546	28.833	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	225418	23.876	ng/u1	0.00
73) Anthracene-d10	17.534	188	1813294	29.902	ng/u1	-0.01
81) Pyrene-d10	19.763	212	2182154	32.652	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.874	264	1902848	30.371	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	881828	184.930	ng/uL	91
5) Pyridine	3.870	79	38384	3.095	ng/u1#	77
6) Benzaldehyde	7.169	77	464817	63.430	ng/u1#	1
10) Bis(2-Chloroethyl)ether	7.417	93	27700	2.381	ng/u1#	1
13) 2-Methylphenol	8.481	108	55930	4.952	ng/u1	99
16) Acetophenone	8.840	105	1524430	78.440	ng/u1#	31
18) 4-Methylphenol	8.811	108	159196	12.816	ng/u1	90
19) Hexachloroethane	9.146	117	639852	129.227	ng/u1#	1
22) Nitrobenzene	9.234	77	98670	6.250	ng/u1#	21
23) Isophorone	9.763	82	34574	1.137	ng/u1#	1
26) 2,4-Dimethylphenol	10.022	107	49686	3.118	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.252	93	41684	2.370	ng/u1#	76
30) Naphthalene	10.910	128	5423673	133.528	ng/u1	99
36) 2-Methylnaphthalene	12.510	142	297625	10.447	ng/u1	98
37) 1-Methylnaphthalene	12.728	142	190232	6.643	ng/u1#	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	129608	2.706	ng/u1	98

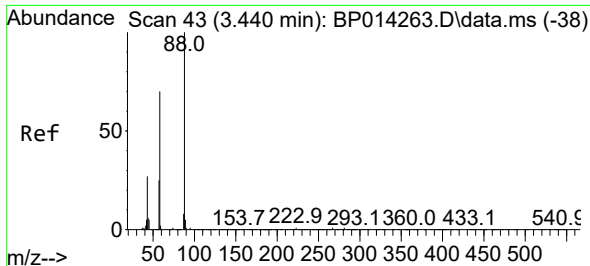
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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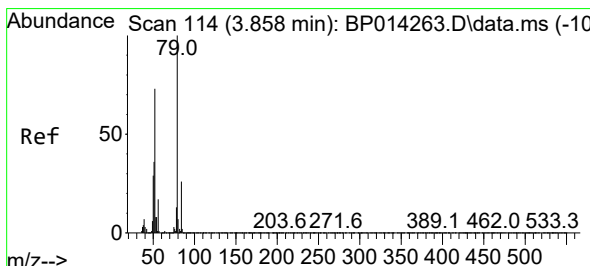
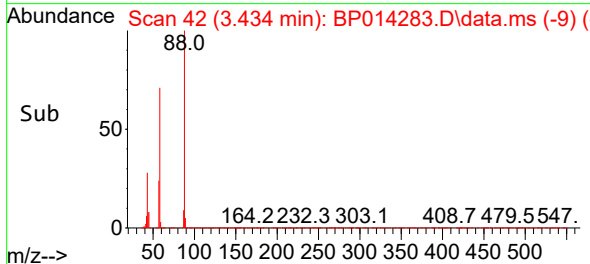
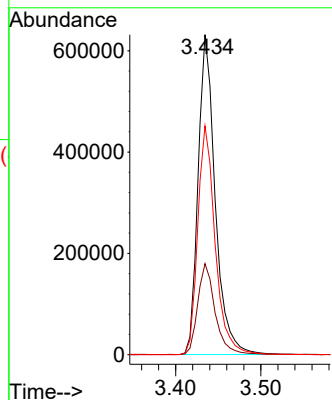
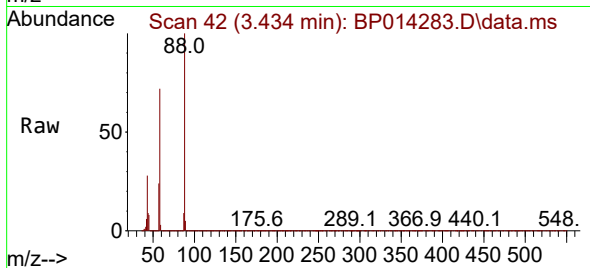




#2
1,4-Dioxane
Concen: 184.930 ng/uL
RT: 3.434 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

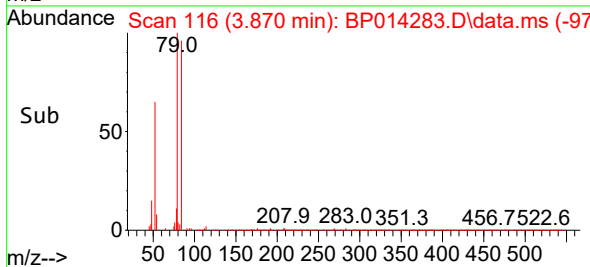
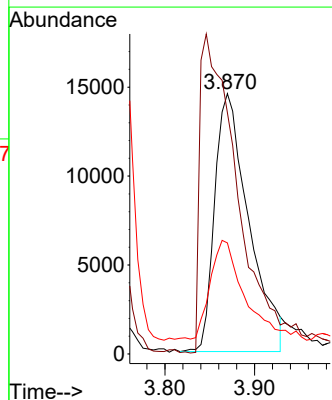
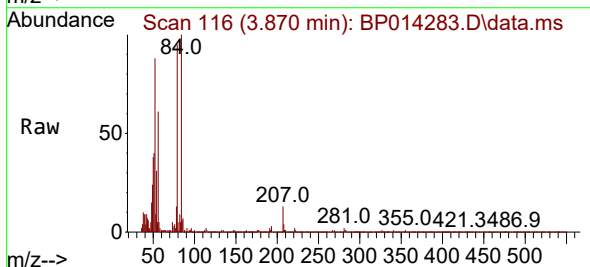
Instrument :
BNA_P
ClientSampleId :
E45E4

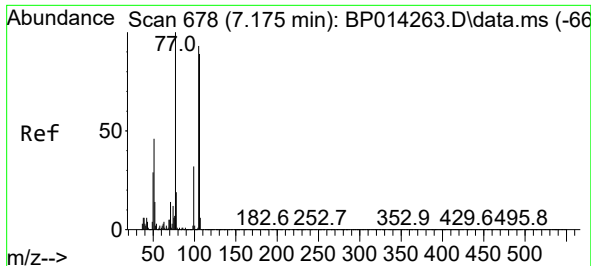
Tgt Ion: 88 Resp: 881828
Ion Ratio Lower Upper
88 100
43 28.5 23.9 35.9
58 71.5 50.2 75.2



#5
Pyridine
Concen: 3.095 ng/uL
RT: 3.870 min Scan# 116
Delta R.T. 0.012 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

Tgt Ion: 79 Resp: 38384
Ion Ratio Lower Upper
79 100
52 92.7 55.1 82.7#
51 42.7 28.9 43.3

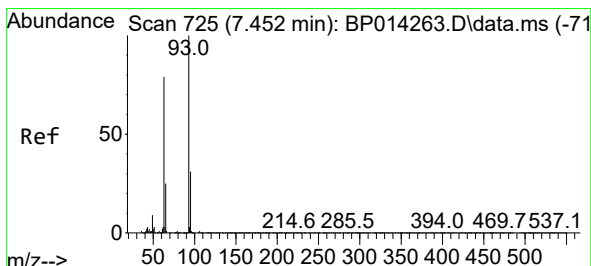
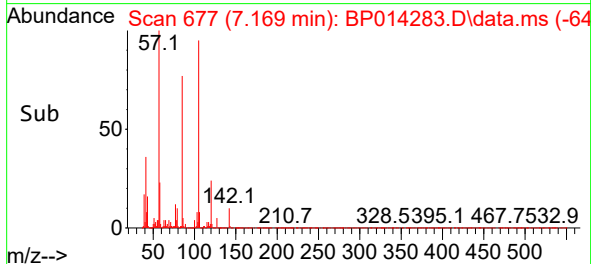
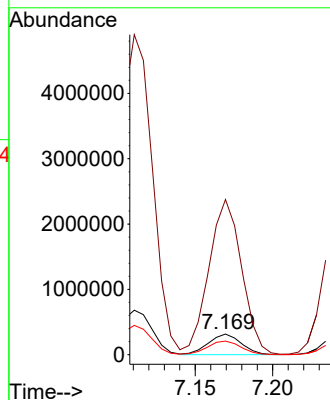
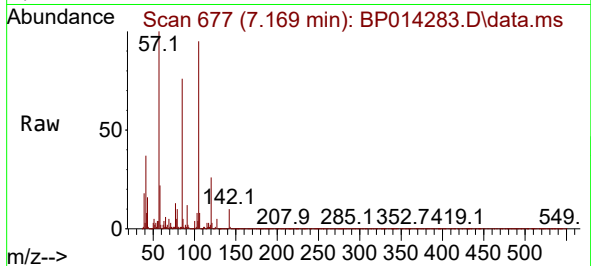




#6
Benzaldehyde
Concen: 63.430 ng/ul
RT: 7.169 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

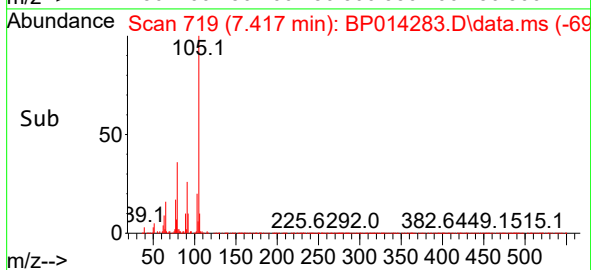
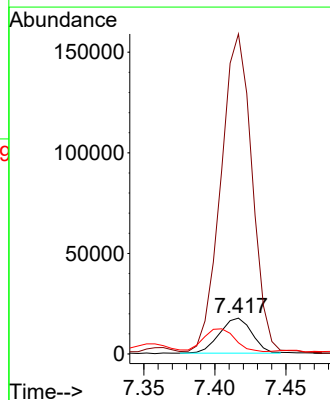
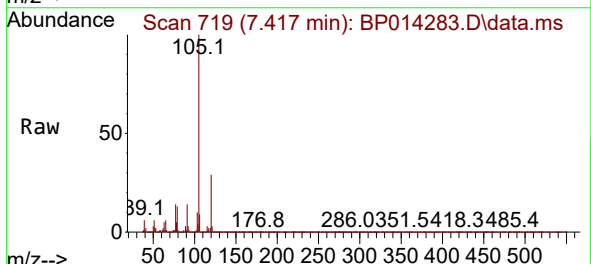
Instrument :
BNA_P
ClientSampleId :
E45E4

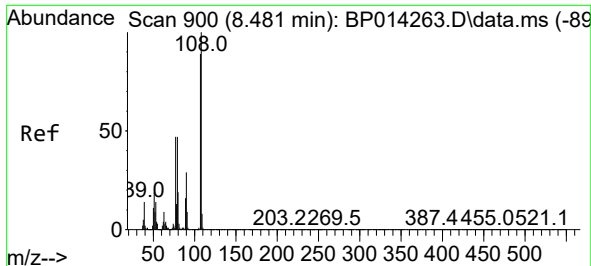
Tgt Ion: 77 Resp: 464817
Ion Ratio Lower Upper
77 100
105 748.7 74.2 111.2#
106 65.9 69.8 104.8#



#10
Bis(2-Chloroethyl)ether
Concen: 2.381 ng/ul
RT: 7.417 min Scan# 719
Delta R.T. -0.041 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

Tgt Ion: 93 Resp: 27700
Ion Ratio Lower Upper
93 100
63 894.2 58.8 88.2#
95 31.1 25.8 38.6

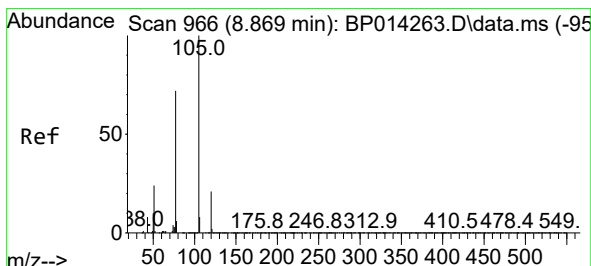
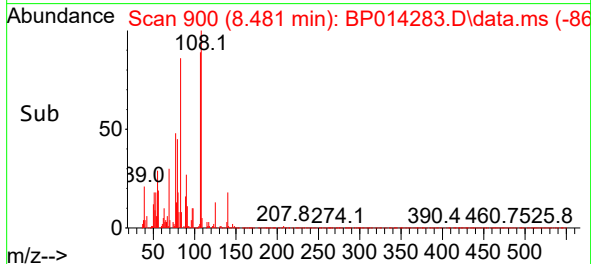
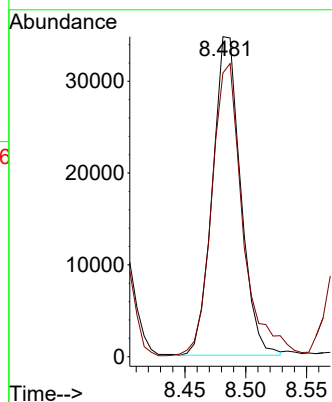
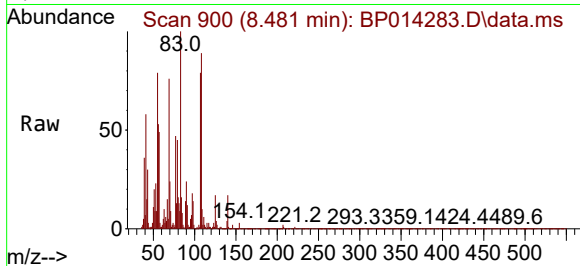




#13
2-Methylphenol
Concen: 4.952 ng/ul
RT: 8.481 min Scan# 900
Delta R.T. -0.006 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

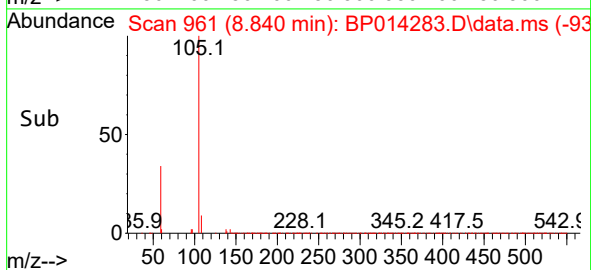
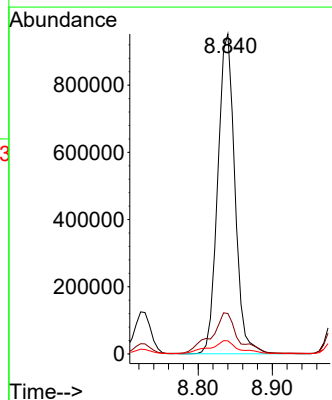
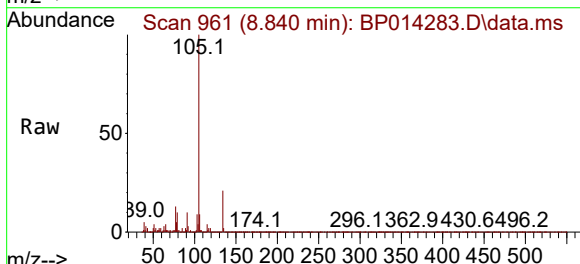
Instrument :
BNA_P
ClientSampleId :
E45E4

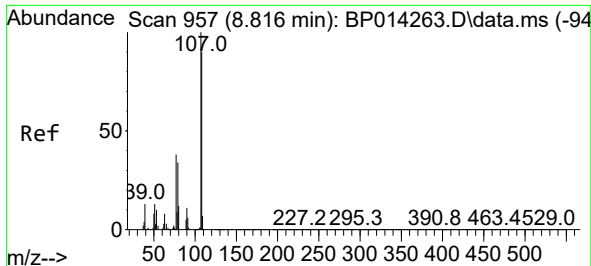
Tgt Ion:108 Resp: 55930
Ion Ratio Lower Upper
108 100
107 88.6 70.5 105.7



#16
Acetophenone
Concen: 78.440 ng/ul
RT: 8.840 min Scan# 961
Delta R.T. -0.035 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

Tgt Ion:105 Resp: 1524430
Ion Ratio Lower Upper
105 100
77 12.6 65.4 98.2#
51 4.1 21.8 32.8#

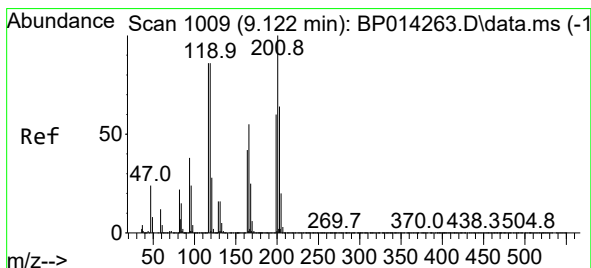
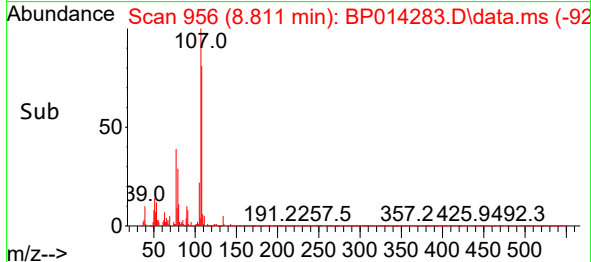
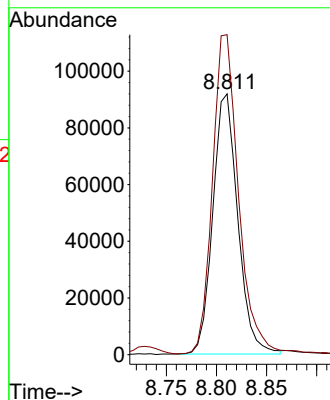
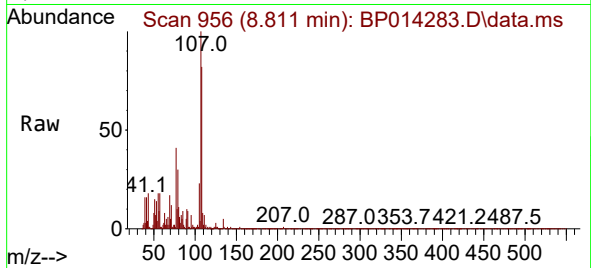




#18
4-Methylphenol
Concen: 12.816 ng/ul
RT: 8.811 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

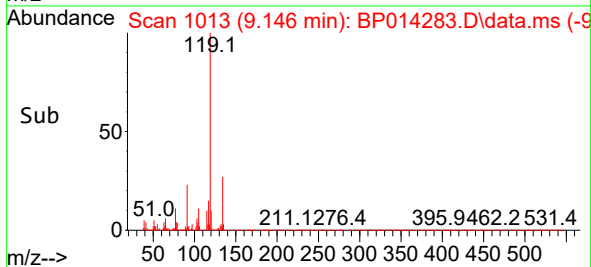
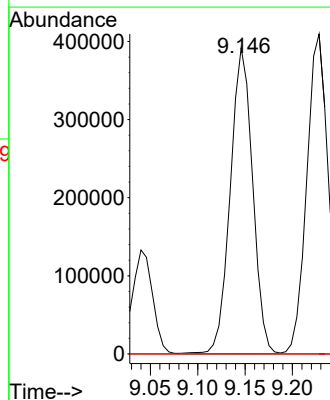
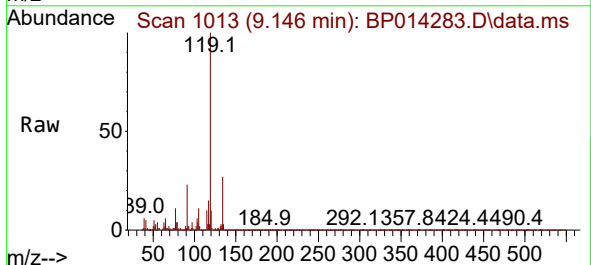
Instrument :
BNA_P
ClientSampleId :
E45E4

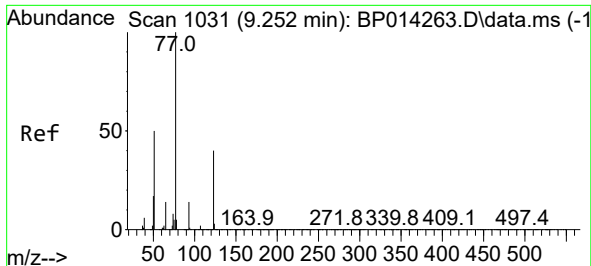
Tgt Ion:108 Resp: 159196
Ion Ratio Lower Upper
108 100
107 122.7 89.8 134.6



#19
Hexachloroethane
Concen: 129.227 ng/ul
RT: 9.146 min Scan# 1013
Delta R.T. 0.018 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

Tgt Ion:117 Resp: 639852
Ion Ratio Lower Upper
117 100
201 0.0 91.7 137.5#
199 0.0 59.1 88.7#

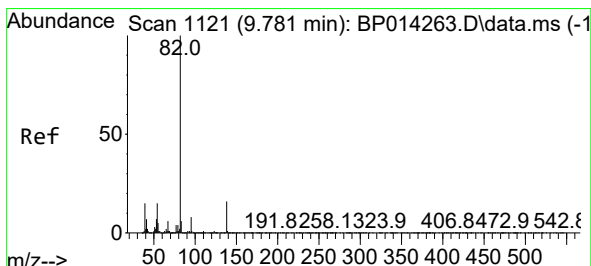
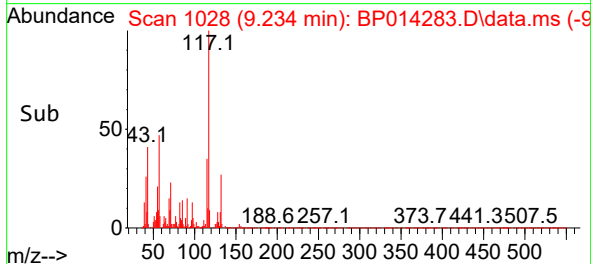
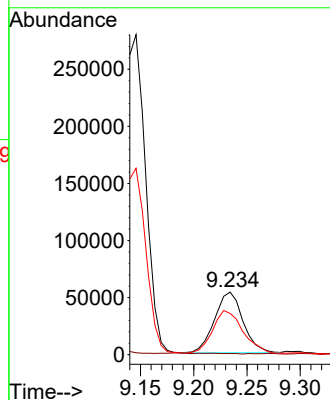
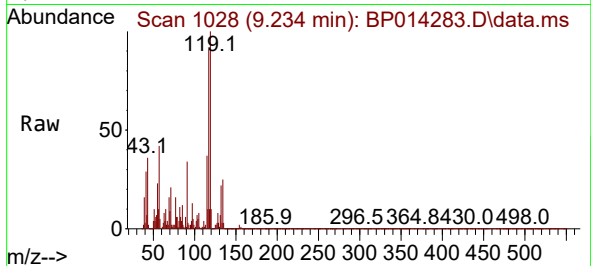




#22
Nitrobenzene
Concen: 6.250 ng/ul
RT: 9.234 min Scan# 1118
Delta R.T. -0.023 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

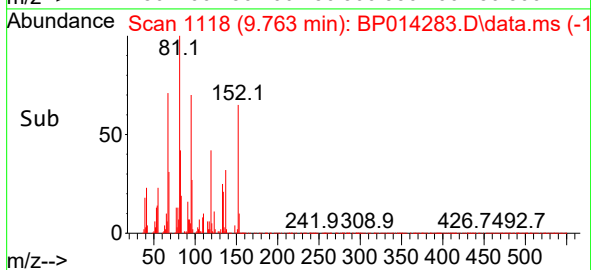
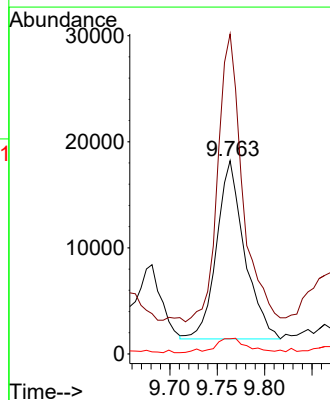
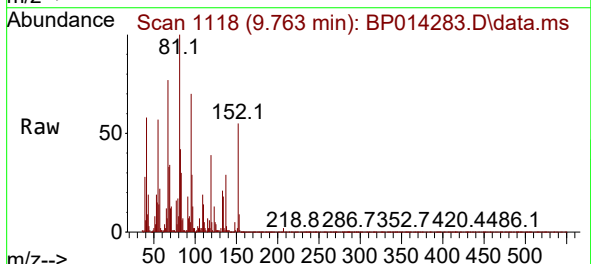
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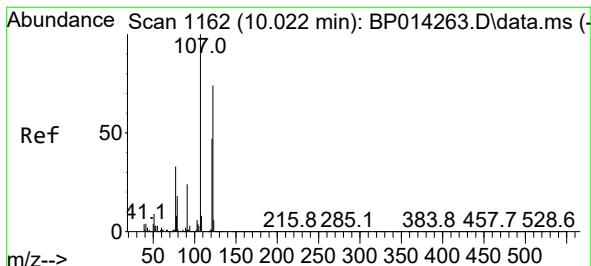
Tgt Ion: 77 Resp: 98670
Ion Ratio Lower Upper
77 100
123 1.7 32.6 48.8#
65 66.0 11.2 16.8#



#23
Isophorone
Concen: 1.137 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. -0.023 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

Tgt Ion: 82 Resp: 34574
Ion Ratio Lower Upper
82 100
95 165.5 7.1 10.7#
138 7.9 13.3 19.9#

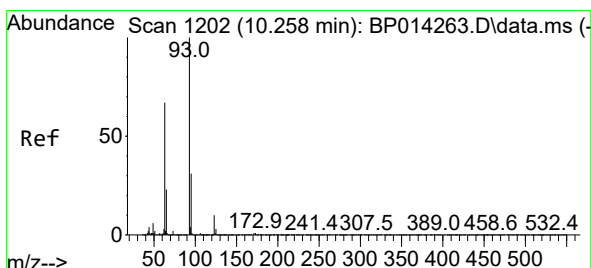
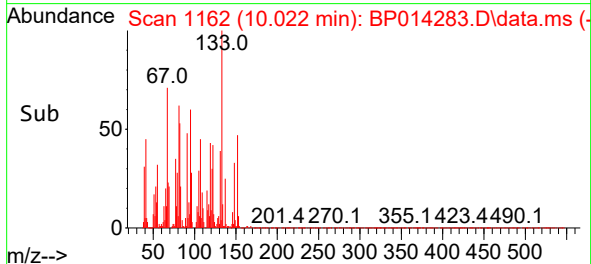
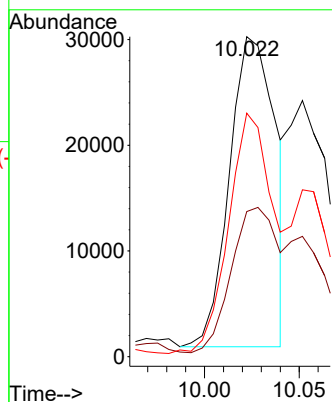
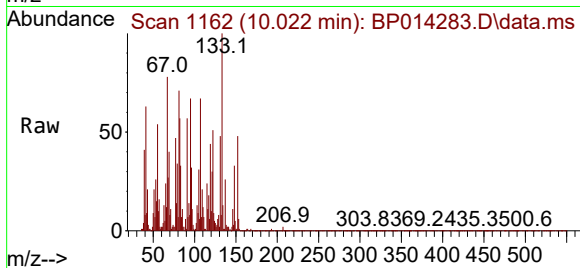




#26
2,4-Dimethylphenol
Concen: 3.118 ng/ul
RT: 10.022 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

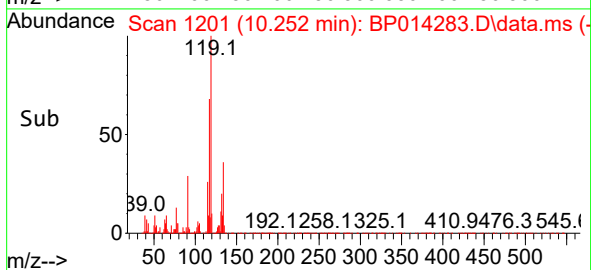
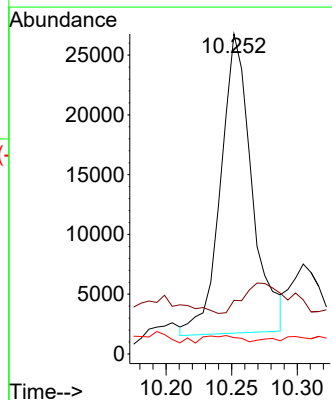
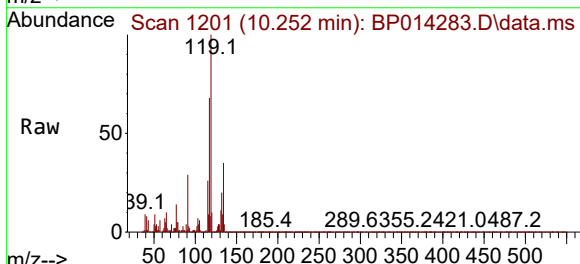
Instrument :
BNA_P
ClientSampleId :
E45E4

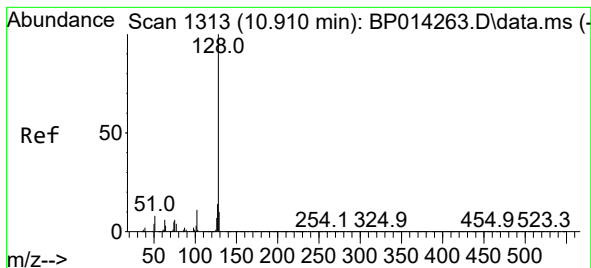
Tgt Ion:107 Resp: 49686
Ion Ratio Lower Upper
107 100
121 45.4 37.1 55.7
122 76.1 61.2 91.8



#27
Bis(2-Chloroethoxy)methane
Concen: 2.370 ng/ul
RT: 10.252 min Scan# 1201
Delta R.T. -0.017 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

Tgt Ion: 93 Resp: 41684
Ion Ratio Lower Upper
93 100
95 16.7 25.6 38.4#
123 5.1 8.5 12.7#

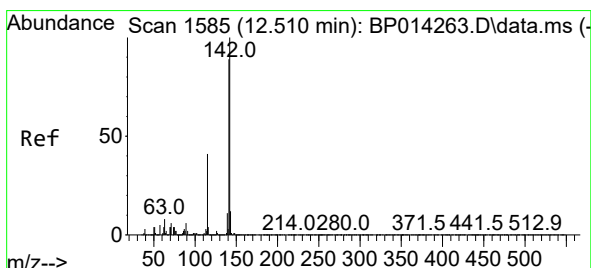
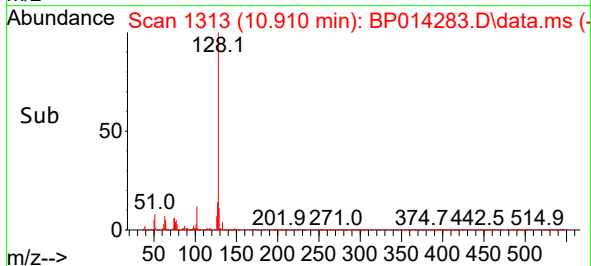
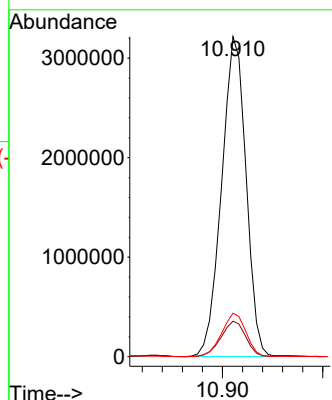
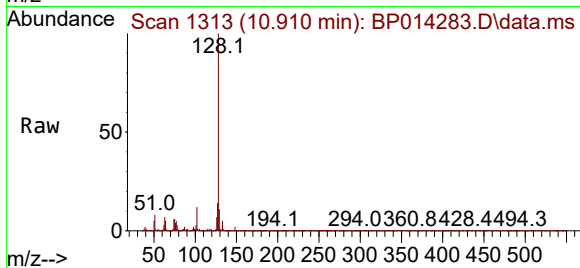




#30
Naphthalene
Concen: 133.528 ng/ul
RT: 10.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

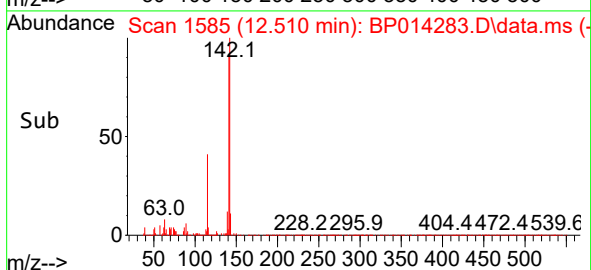
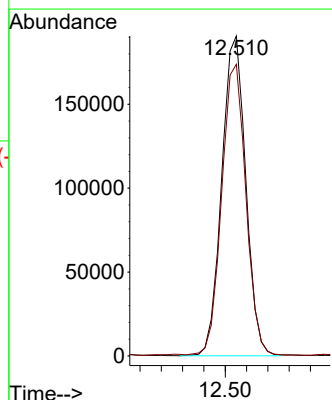
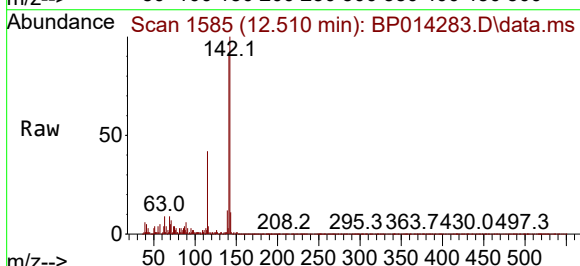
Instrument :
BNA_P
ClientSampleId :
E45E4

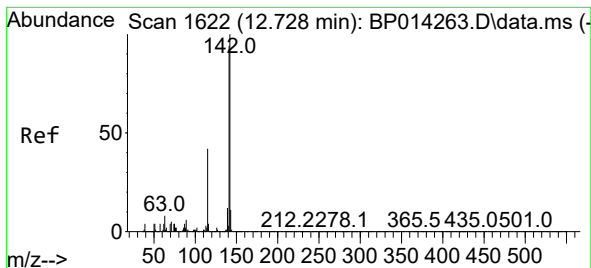
Tgt Ion:128 Resp: 5423673
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.6 11.0 16.4



#36
2-Methylnaphthalene
Concen: 10.447 ng/ul
RT: 12.510 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP014283.D
Acq: 24 Mar 2023 10:20

Tgt Ion:142 Resp: 297625
Ion Ratio Lower Upper
142 100
141 91.2 71.7 107.5





#37

1-Methylnaphthalene

Concen: 6.643 ng/ul

RT: 12.728 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP014283.D

Acq: 24 Mar 2023 10:20

Instrument :

BNA_P

ClientSampleId :

E45E4

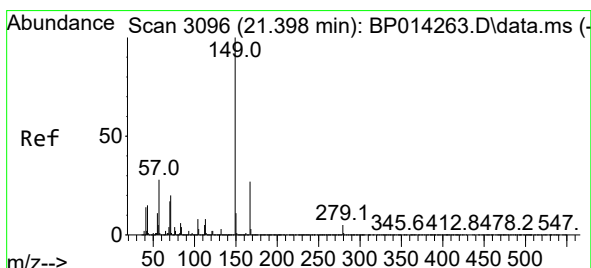
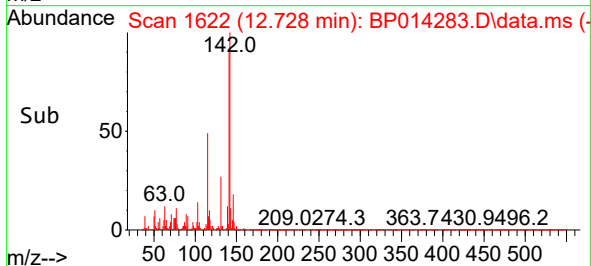
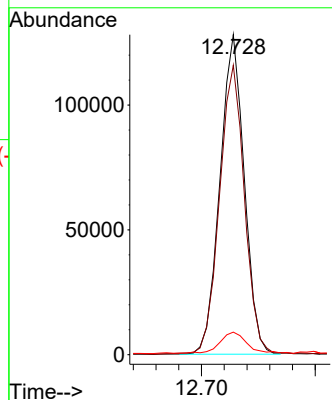
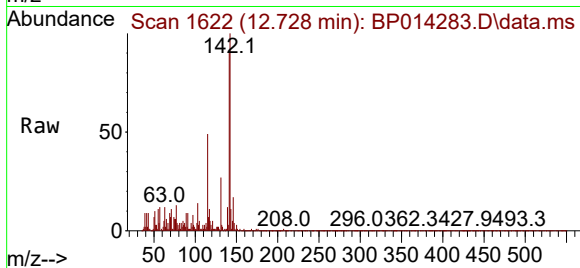
Tgt Ion:142 Resp: 190232

Ion Ratio Lower Upper

142 100

141 90.5 73.8 110.6

116 7.1 3.7 5.5#



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.706 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BP014283.D

Acq: 24 Mar 2023 10:20

Tgt Ion:149 Resp: 129608

Ion Ratio Lower Upper

149 100

167 27.0 22.3 33.5

279 5.0 4.3 6.5

