

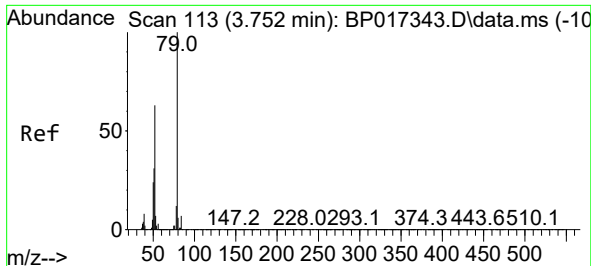
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017361.D
 Acq On : 26 Sep 2023 14:45
 Operator : MA/JU
 Sample : 04450-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BBK98

Quant Time: Sep 27 00:28:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	166165	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.751	136	729407	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	482657	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	1076556	20.000	ng/ul	0.00
79) Chrysene-d12	21.462	240	1045960	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1212719	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	17607	4.352	ng/uL	0.00
4) Pyridine-d5	3.740	84	167714	14.829	ng/ul	0.01
7) Phenol-d5	7.093	99	104467	7.655	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	221006	26.834	ng/ul	0.01
11) 2-Chlorophenol-d4	7.451	132	282297	26.081	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	191608	18.059	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	197833	37.517	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	207833	36.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	351897	32.530	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	189436	12.089	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1270751	36.752	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	1405688	35.348	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	39156	6.500	ng/ul	0.01
60) Fluorene-d10	15.580	176	1112807	37.384	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	93737	15.449	ng/ul	0.00
73) Anthracene-d10	17.457	188	1843957	38.620	ng/ul	0.00
81) Pyrene-d10	19.698	212	2215404	39.167	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2239915	38.362	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.793	79	27855	2.372	ng/ul#	58
6) Benzaldehyde	7.051	77	1294754	185.910	ng/ul#	1
8) Phenol	7.116	94	98282	7.160	ng/ul#	1
13) 2-Methylphenol	8.375	108	405477	39.922	ng/ul	98
16) Acetophenone	8.781	105	203796	12.430	ng/ul	98
18) 4-Methylphenol	8.704	108	400319	36.785	ng/ul	91
19) Hexachloroethane	9.016	117	885651	194.091	ng/ul#	6
26) 2,4-Dimethylphenol	9.916	107	258994	20.951	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	30051	1.942	ng/ul#	83
30) Naphthalene	10.816	128	15423262	406.092	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	4369547	176.273	ng/ul	98
37) 1-Methylnaphthalene	12.628	142	2429282	95.869	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	134635	3.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	17518	2.896	ng/ul#	68
52) Acenaphthene	14.651	153	36527	1.189	ng/ul#	93
61) Fluorene	15.639	166	74780	2.188	ng/ul#	92
72) Phenanthrene	17.398	178	96781	1.716	ng/ul	97
74) Anthracene	17.398	178	96781	1.694	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.321	149	49600	1.381	ng/ul#	96

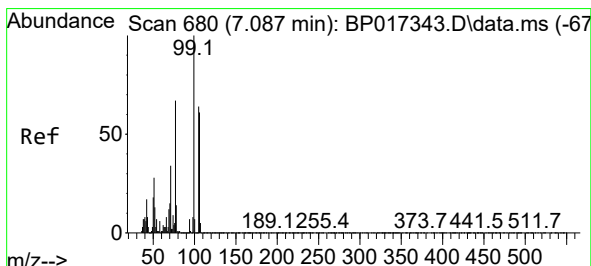
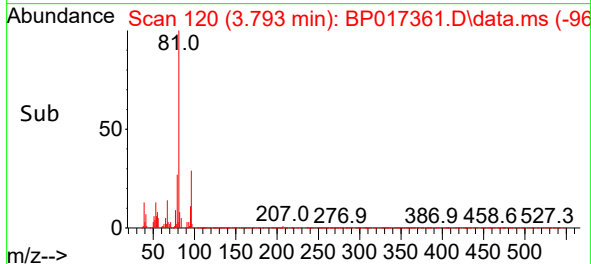
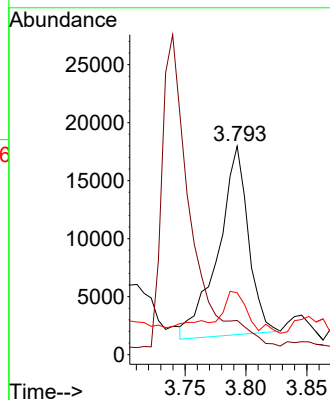
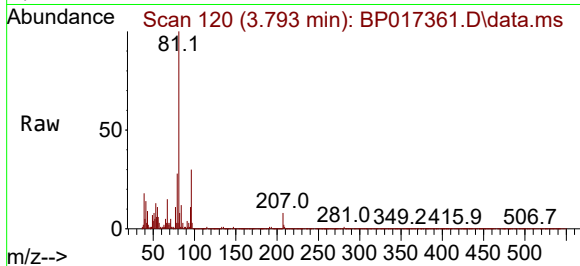
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Pyridine
Concen: 2.372 ng/ul
RT: 3.793 min Scan# 113
Delta R.T. 0.041 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

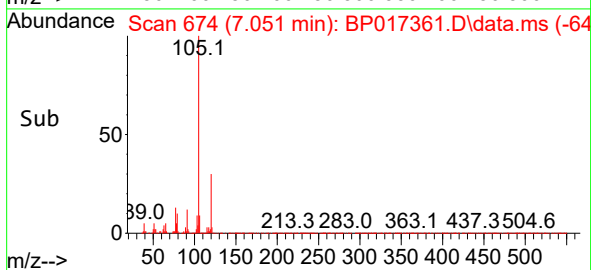
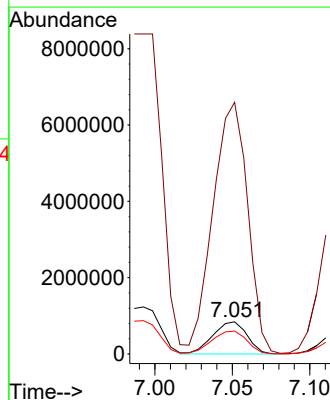
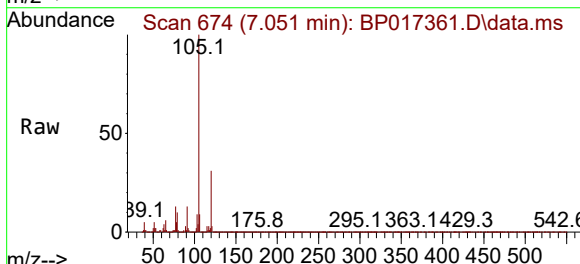
Instrument :
BNA_P
ClientSampleId :
BBK98

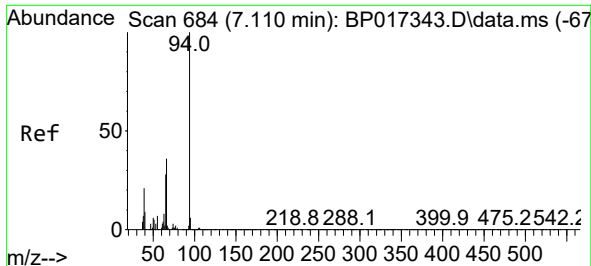
Tgt Ion: 79 Resp: 27855
Ion Ratio Lower Upper
79 100
52 16.4 51.4 77.2#
51 29.7 25.4 38.2



#6
Benzaldehyde
Concen: 185.910 ng/ul
RT: 7.051 min Scan# 674
Delta R.T. -0.035 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Tgt Ion: 77 Resp: 1294754
Ion Ratio Lower Upper
77 100
105 781.1 78.0 117.0#
106 71.1 73.2 109.8#

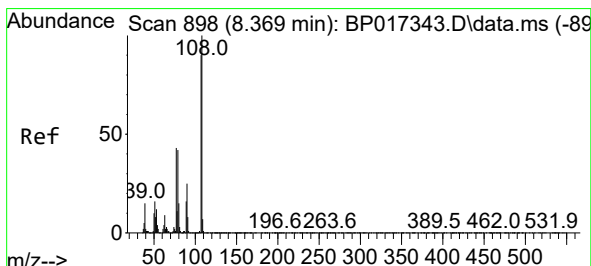
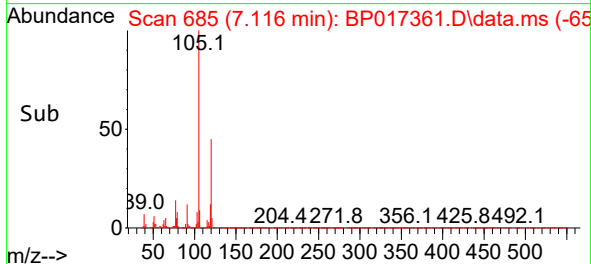
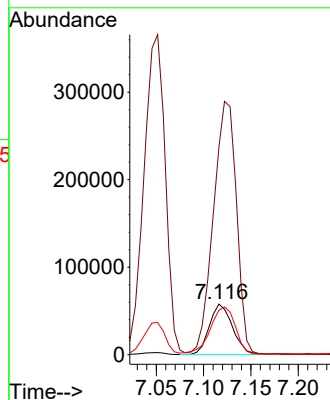
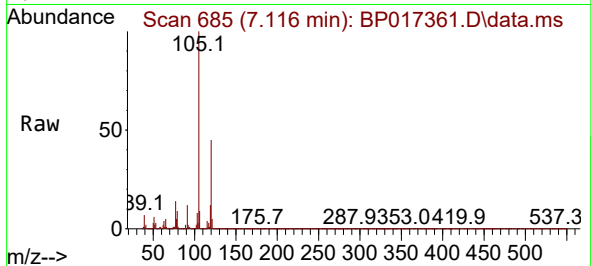




#8
Phenol
Concen: 7.160 ng/ul
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

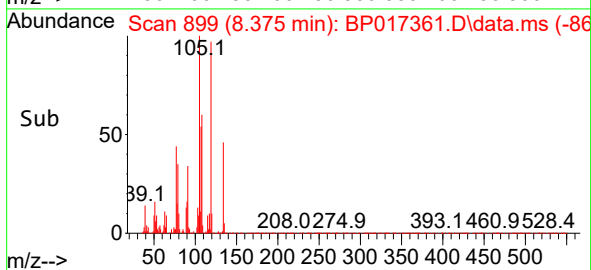
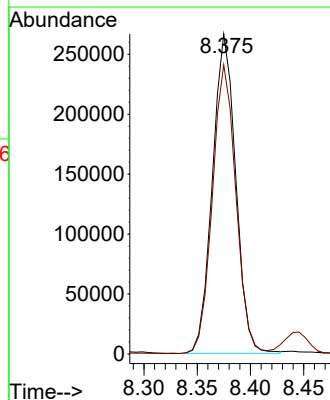
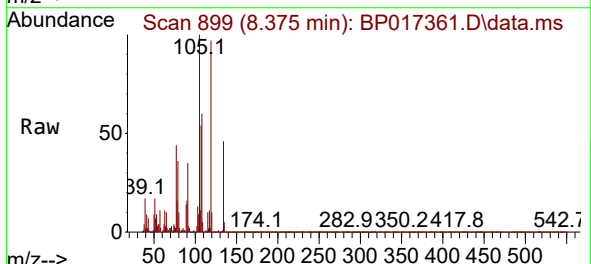
Instrument :
BNA_P
ClientSampleId :
BBK98

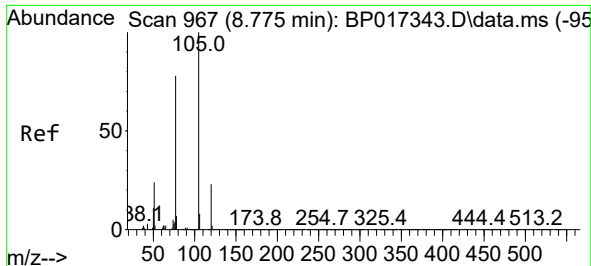
Tgt Ion: 94 Resp: 98282
Ion Ratio Lower Upper
94 100
65 410.1 21.4 32.2#
66 88.0 28.2 42.2#



#13
2-Methylphenol
Concen: 39.922 ng/ul
RT: 8.375 min Scan# 899
Delta R.T. 0.006 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Tgt Ion: 108 Resp: 405477
Ion Ratio Lower Upper
108 100
107 90.4 73.5 110.3

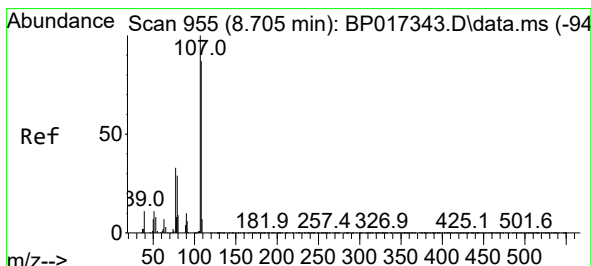
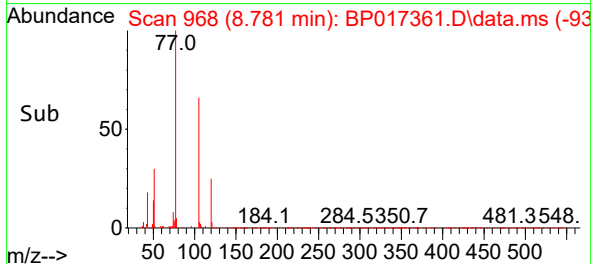
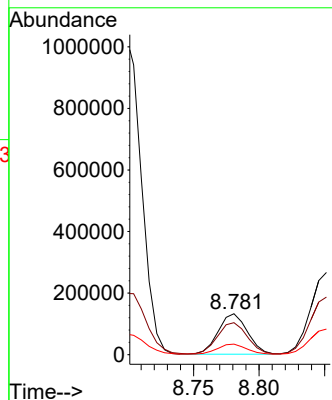
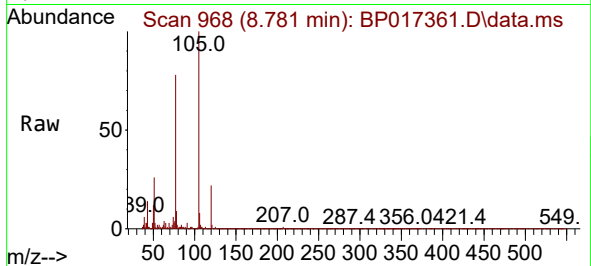




#16
Acetophenone
Concen: 12.430 ng/ul
RT: 8.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

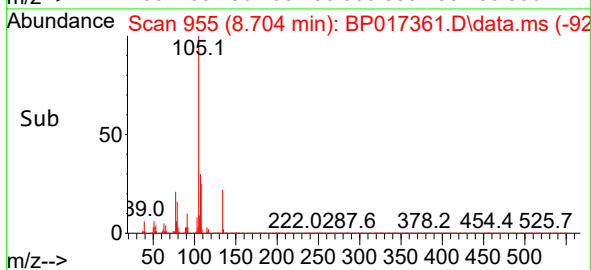
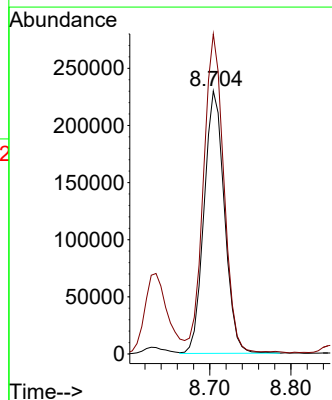
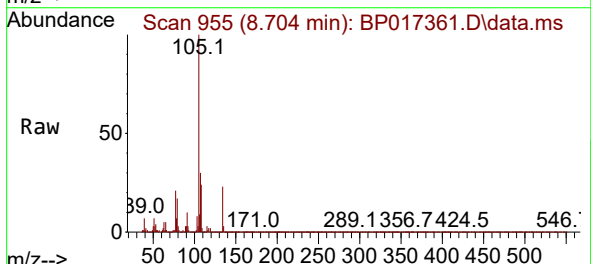
Instrument :
BNA_P
ClientSampleId :
BBK98

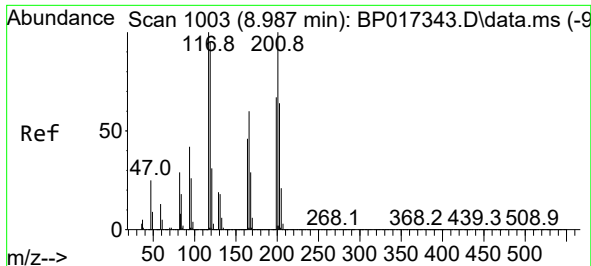
Tgt Ion:105 Resp: 203796
Ion Ratio Lower Upper
105 100
77 78.0 63.6 95.4
51 25.8 19.2 28.8



#18
4-Methylphenol
Concen: 36.785 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Tgt Ion:108 Resp: 400319
Ion Ratio Lower Upper
108 100
107 121.6 90.0 135.0

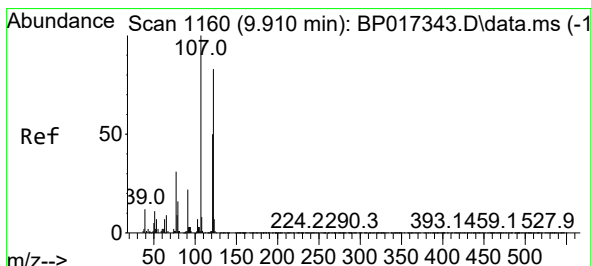
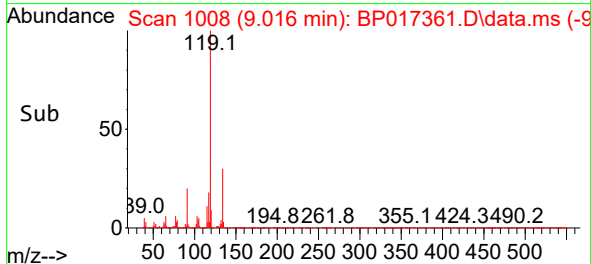
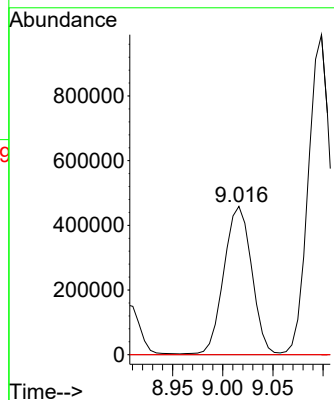
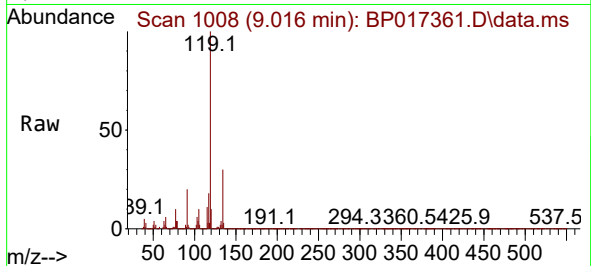




#19
Hexachloroethane
Concen: 194.091 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. 0.029 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

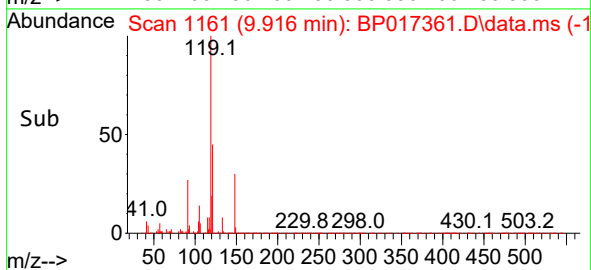
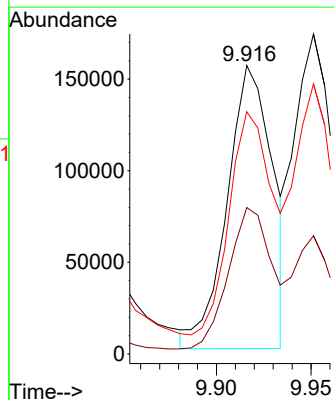
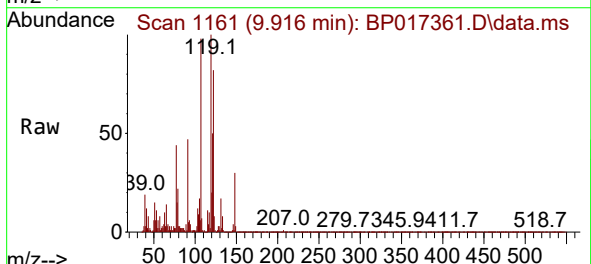
Instrument :
BNA_P
ClientSampleId :
BBK98

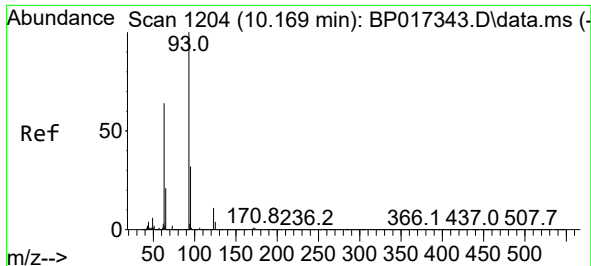
Tgt Ion:117 Resp: 885651
Ion Ratio Lower Upper
117 100
201 0.0 81.4 122.0#
199 0.0 52.4 78.6#



#26
2,4-Dimethylphenol
Concen: 20.951 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Tgt Ion:107 Resp: 258994
Ion Ratio Lower Upper
107 100
121 50.8 41.1 61.7
122 84.0 69.4 104.0

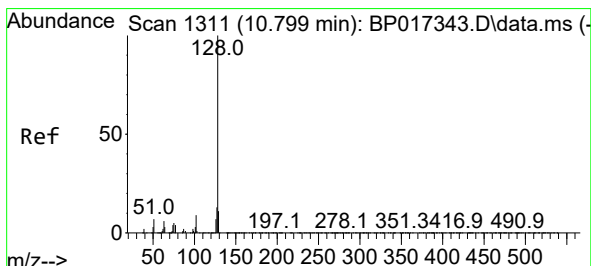
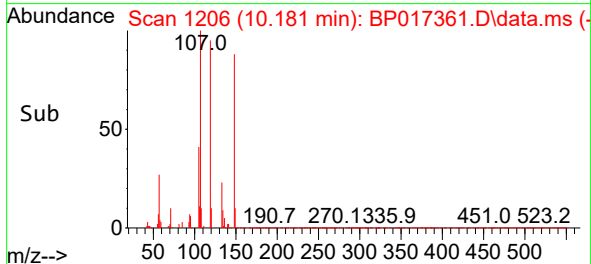
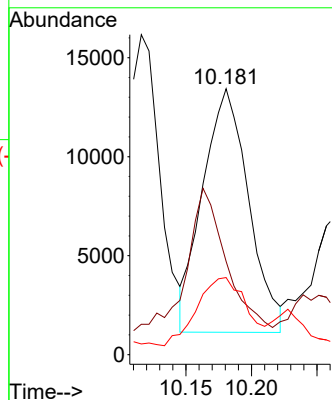
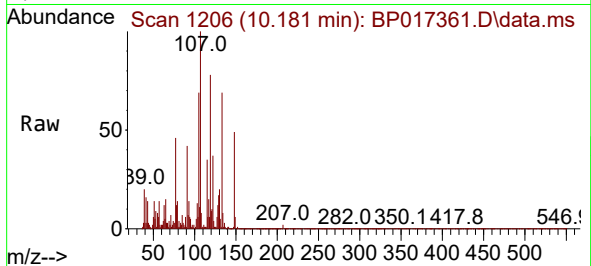




#27
 Bis(2-Chloroethoxy)methane
 Concen: 1.942 ng/ul
 RT: 10.181 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BP017361.D
 Acq: 26 Sep 2023 14:45

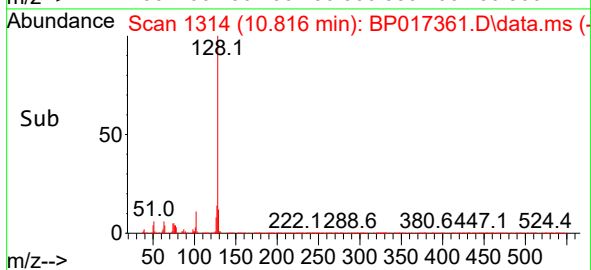
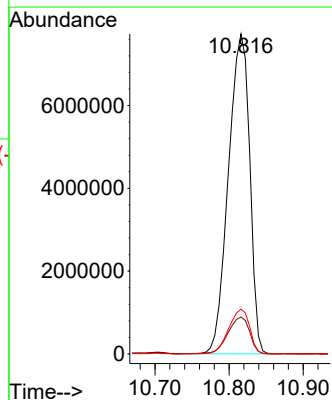
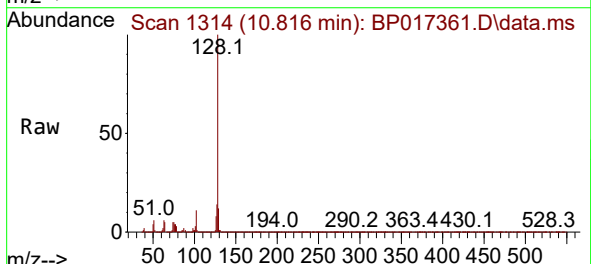
Instrument :
 BNA_P
 ClientSampleId :
 BBK98

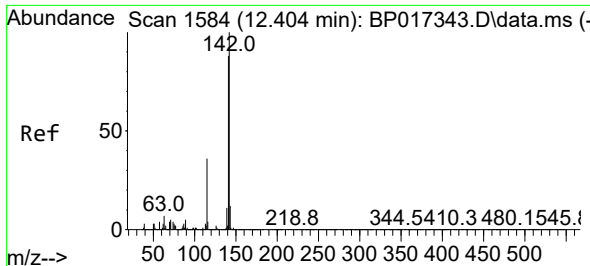
Tgt Ion: 93 Resp: 30051
 Ion Ratio Lower Upper
 93 100
 95 35.1 24.9 37.3
 123 29.0 9.4 14.2#



#30
 Naphthalene
 Concen: 406.092 ng/ul
 RT: 10.816 min Scan# 1314
 Delta R.T. 0.017 min
 Lab File: BP017361.D
 Acq: 26 Sep 2023 14:45

Tgt Ion:128 Resp:15423262
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 13.0
 127 14.0 10.6 15.8

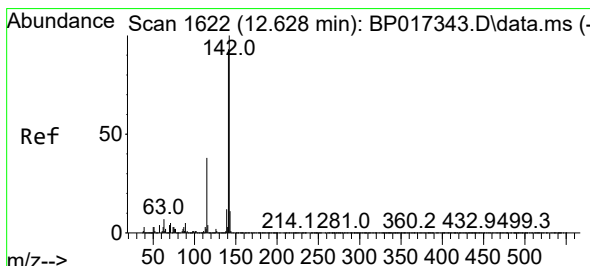
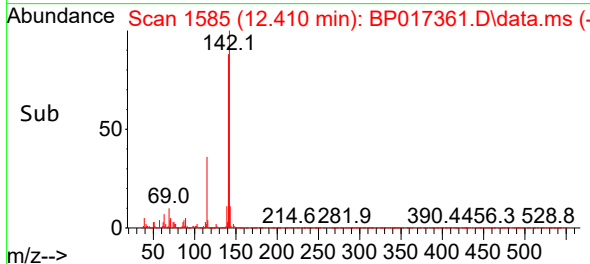
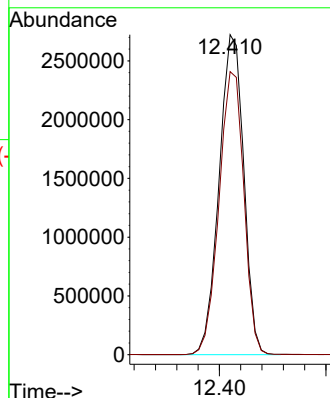
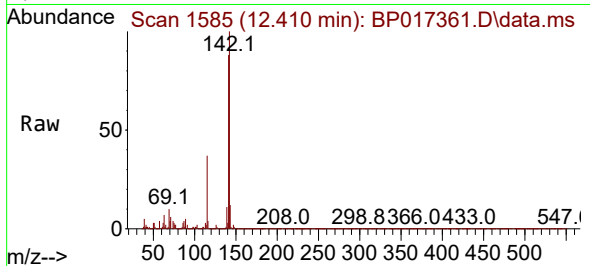




#36
2-Methylnaphthalene
Concen: 176.273 ng/ul
RT: 12.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

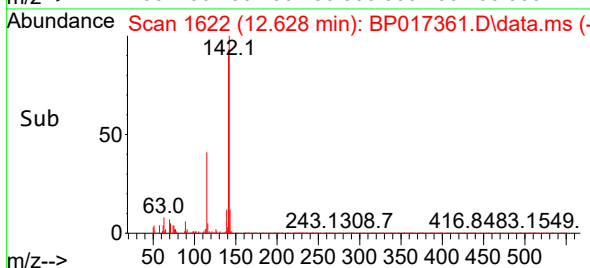
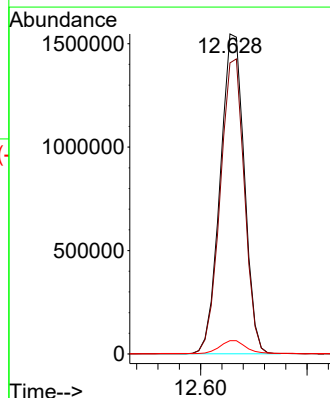
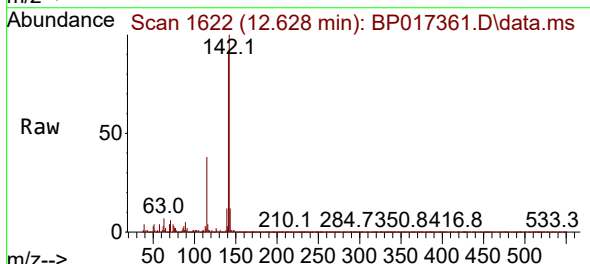
Instrument :
BNA_P
ClientSampleId :
BBK98

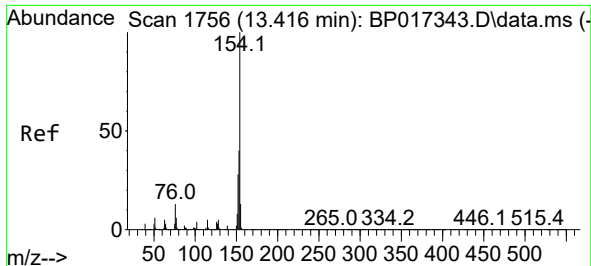
Tgt Ion:142 Resp: 4369547
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9



#37
1-Methylnaphthalene
Concen: 95.869 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Tgt Ion:142 Resp: 2429282
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2
116 4.1 3.1 4.7

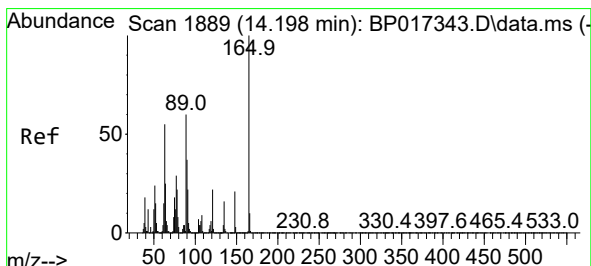
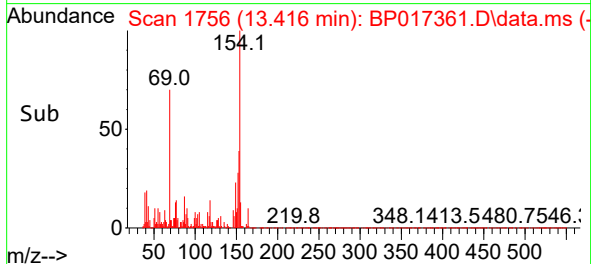
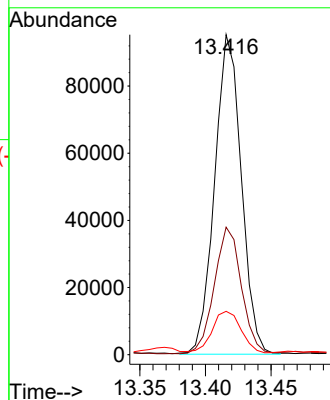
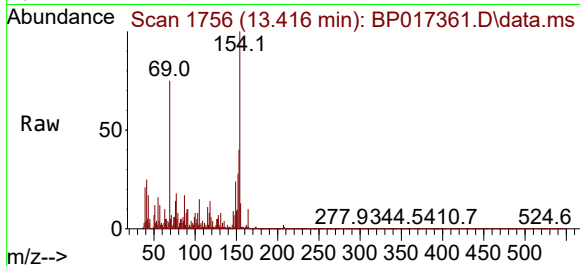




#43
1,1'-Biphenyl
Concen: 3.677 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

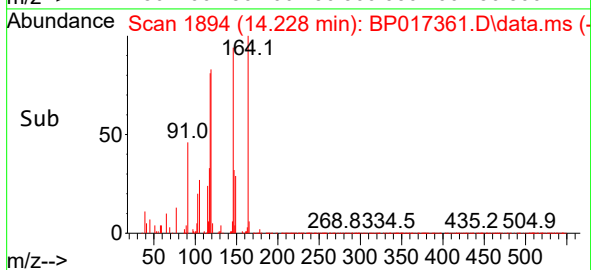
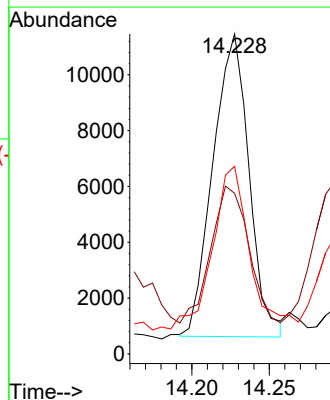
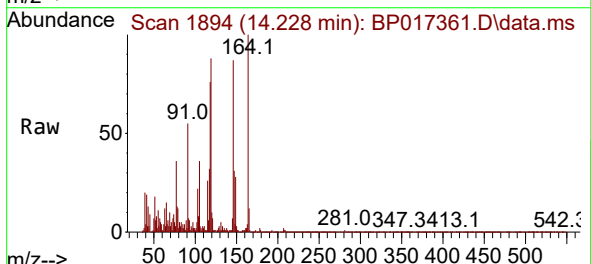
Instrument :
BNA_P
ClientSampleId :
BBK98

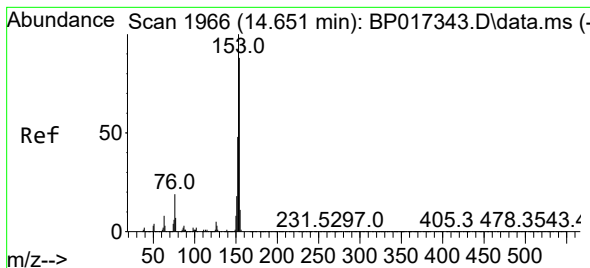
Tgt Ion:154 Resp: 134635
Ion Ratio Lower Upper
154 100
153 39.8 31.5 47.3
76 13.5 11.0 16.6



#48
2,6-Dinitrotoluene
Concen: 2.896 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. 0.029 min
Lab File: BP017361.D
Acq: 26 Sep 2023 14:45

Tgt Ion:165 Resp: 17518
Ion Ratio Lower Upper
165 100
89 50.2 51.7 77.5#
121 58.6 19.7 29.5#





#52

Acenaphthene

Concen: 1.189 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BP017361.D

Acq: 26 Sep 2023 14:45

Instrument :

BNA_P

ClientSampleId :

BBK98

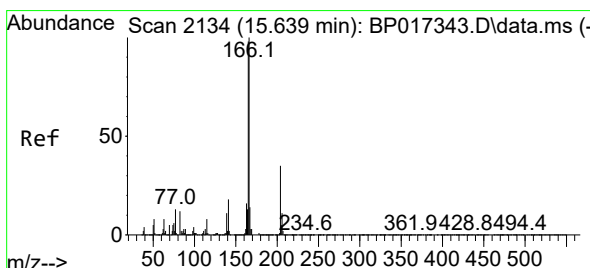
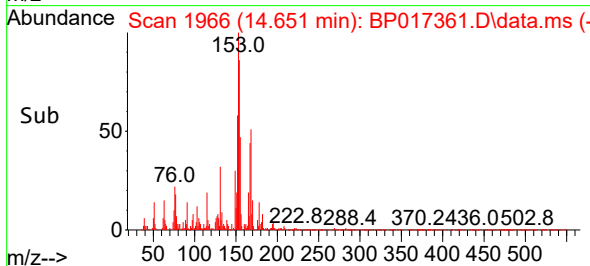
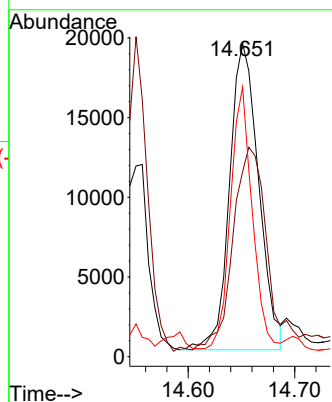
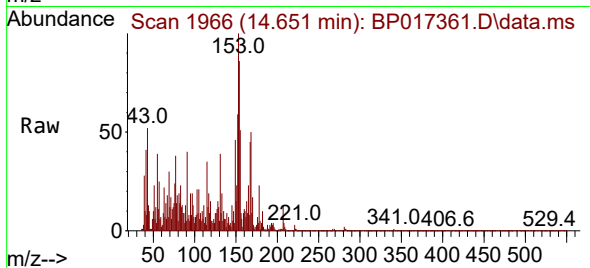
Tgt Ion:153 Resp: 36527

Ion Ratio Lower Upper

153 100

152 59.0 38.0 57.0#

154 86.0 70.1 105.1



#61

Fluorene

Concen: 2.188 ng/ul

RT: 15.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BP017361.D

Acq: 26 Sep 2023 14:45

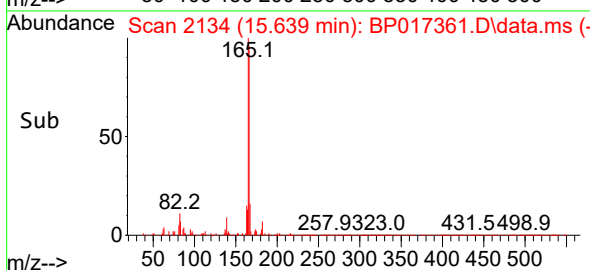
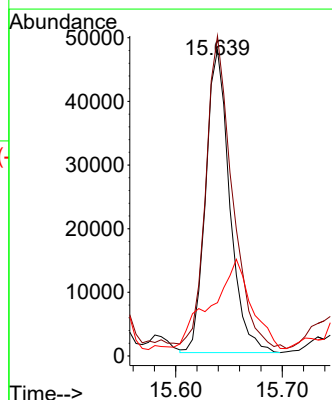
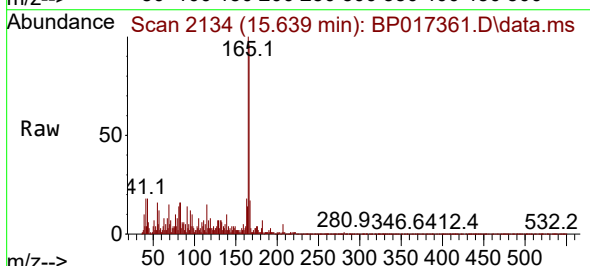
Tgt Ion:166 Resp: 74780

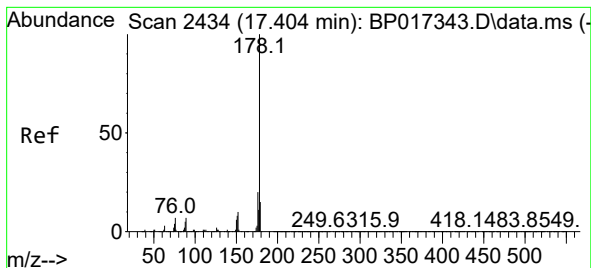
Ion Ratio Lower Upper

166 100

165 104.6 77.8 116.6

167 17.4 10.9 16.3#





#72

Phenanthrene

Concen: 1.716 ng/ul

RT: 17.398 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP017361.D

Acq: 26 Sep 2023 14:45

Instrument :

BNA_P

ClientSampleId :

BBK98

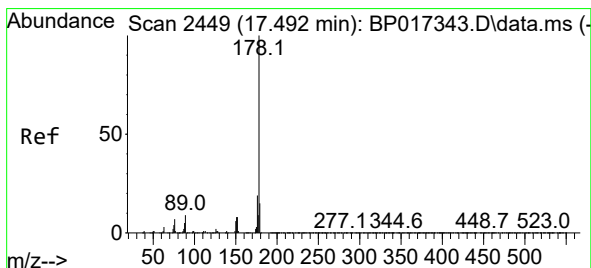
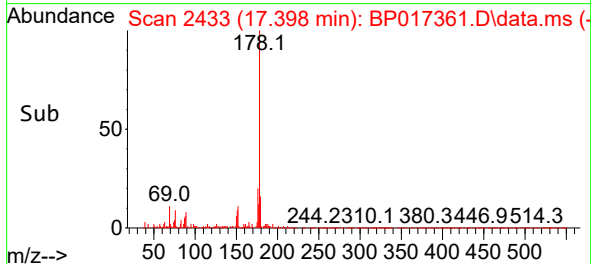
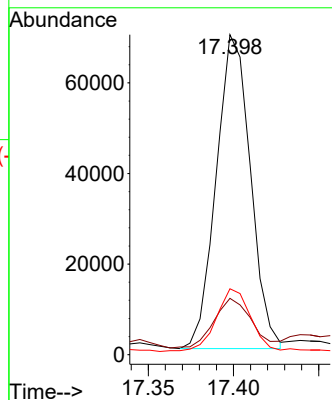
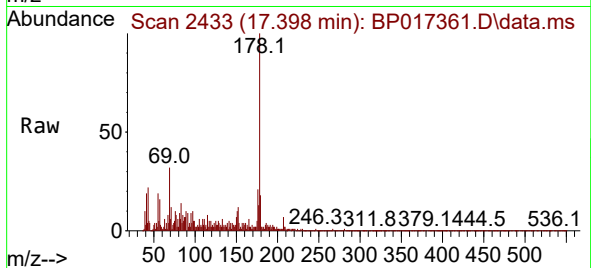
Tgt Ion:178 Resp: 96781

Ion Ratio Lower Upper

178 100

179 17.6 12.7 19.1

176 20.6 15.8 23.6



#74

Anthracene

Concen: 1.694 ng/ul

RT: 17.398 min Scan# 2433

Delta R.T. -0.094 min

Lab File: BP017361.D

Acq: 26 Sep 2023 14:45

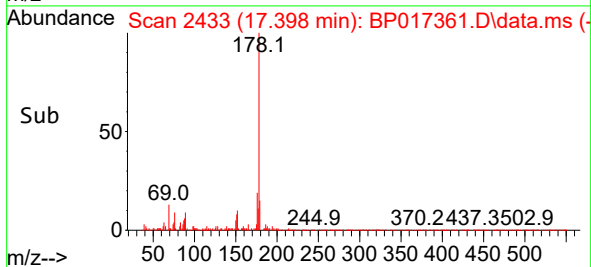
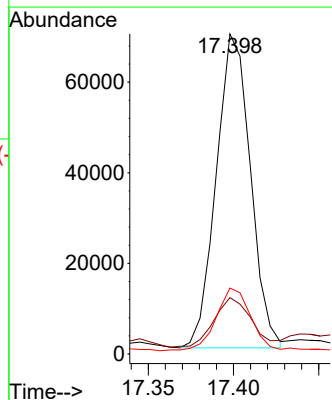
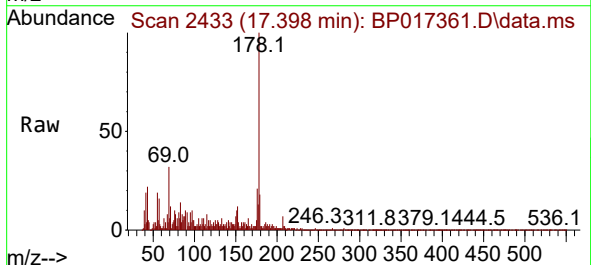
Tgt Ion:178 Resp: 96781

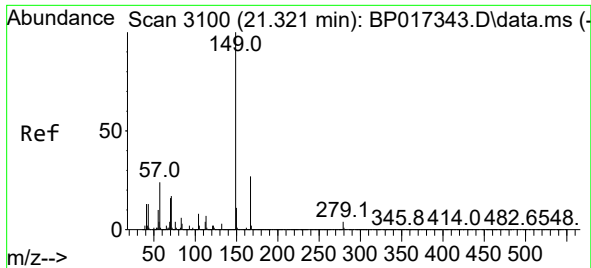
Ion Ratio Lower Upper

178 100

179 17.6 12.5 18.7

176 20.6 15.1 22.7





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.381 ng/ul
 RT: 21.321 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP017361.D
 Acq: 26 Sep 2023 14:45

Instrument :
 BNA_P
 ClientSampleId :
 BBK98

Tgt Ion:	149	Resp:	49600
Ion Ratio	Lower	Upper	
149	100		
167	28.2	21.0	31.6
279	5.0	3.0	4.4#

