

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018355.D
 Acq On : 25 Nov 2023 07:27
 Operator : MA/JU
 Sample : 05264-18
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 26 23:58:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

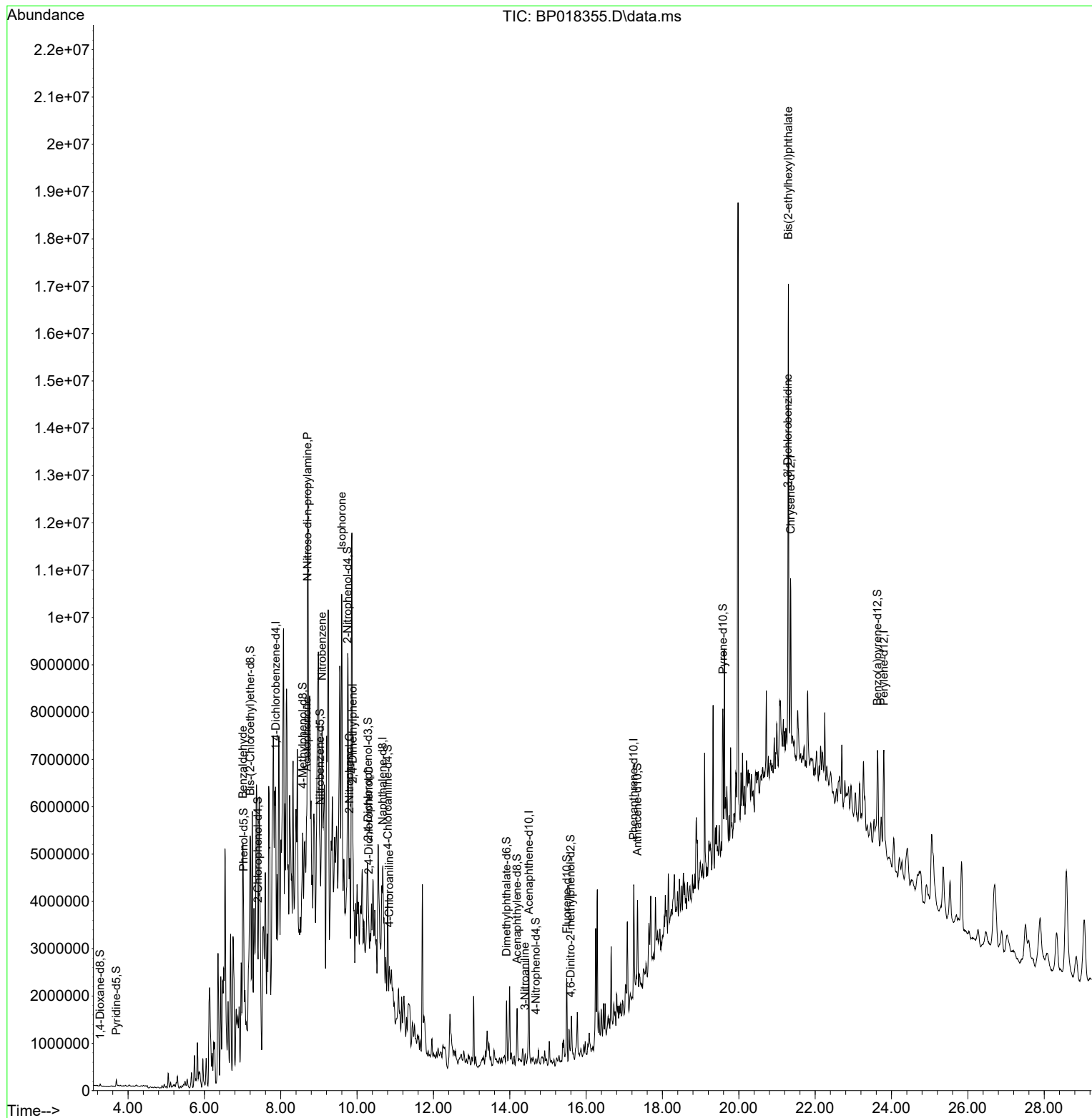
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	307905	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1142270	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.498	164	722240	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1535465	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1464911	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1794877	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	23702	2.883	ng/uL	0.00
4) Pyridine-d5	3.693	84	77278	3.421	ng/ul	0.00
7) Phenol-d5	7.028	99	50493	1.794	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	316108	18.786	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	98833	4.183	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	110906	4.884	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	96936	10.448	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	39979	4.666	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	108347	5.241	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	101076	3.625	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	731972	11.390	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	808934	11.047	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	9193	1.036	ng/ul	0.00
60) Fluorene-d10	15.493	176	649317	12.080	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	31091	4.757	ng/ul	0.00
73) Anthracene-d10	17.345	188	1000452	12.190	ng/ul	0.00
81) Pyrene-d10	19.586	212	1284002	11.013	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1235719	11.875	ng/ul	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.011	77	62474	4.195	ng/ul#	18
16) Acetophenone	8.681	105	42560	1.225	ng/ul#	19
17) N-Nitroso-di-n-propyla...	8.699	70	97972	5.047	ng/ul#	75
22) Nitrobenzene	9.081	77	51150	2.353	ng/ul#	5
23) Isophorone	9.599	82	724075	14.946	ng/ul#	1
25) 2-Nitrophenol	9.805	139	68221	7.076	ng/ul#	1
26) 2,4-Dimethylphenol	9.887	107	721178	33.319	ng/ul#	48
29) 2,4-Dichlorophenol	10.305	162	31145	1.573	ng/ul#	32
32) 4-Chloroaniline	10.840	127	27871	1.059	ng/ul	96
51) 3-Nitroaniline	14.398	138	25654	2.436	ng/ul#	74
84) 3,3'-Dichlorobenzidine	21.286	252	95873	2.706	ng/ul#	84
86) Bis(2-ethylhexyl)phtha...	21.298	149	4354331	55.917	ng/ul#	96

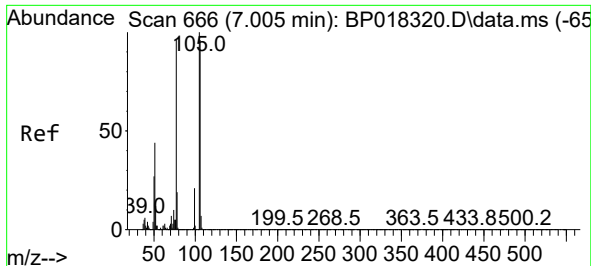
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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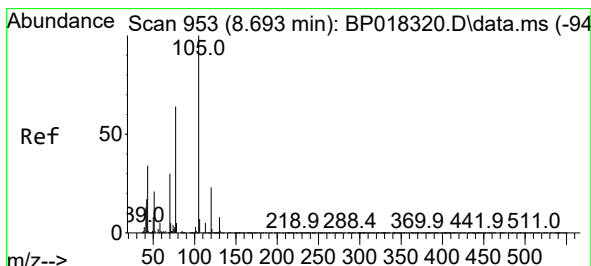
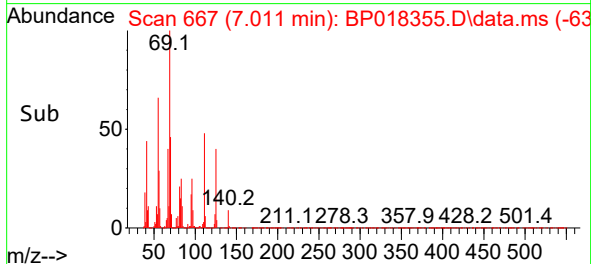
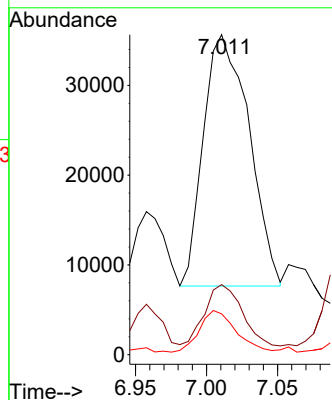
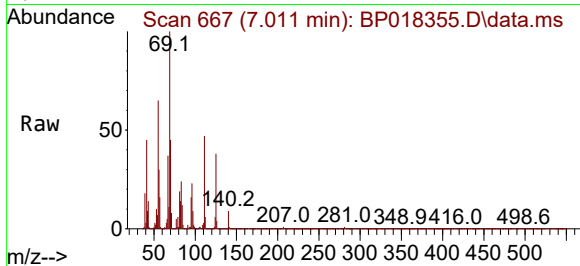




#6
Benzaldehyde
Concen: 4.195 ng/ul
RT: 7.011 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

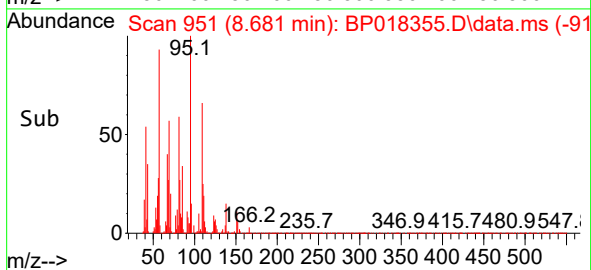
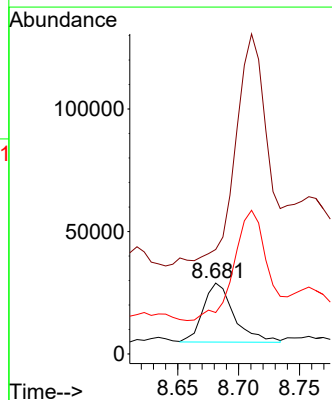
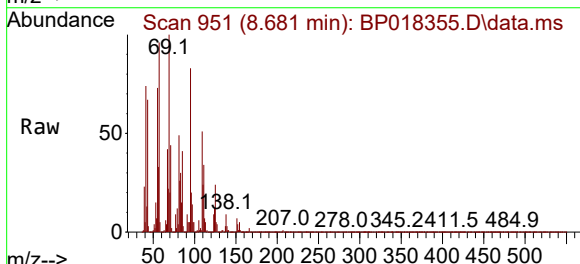
Instrument :
BNA_P
ClientSampleId :

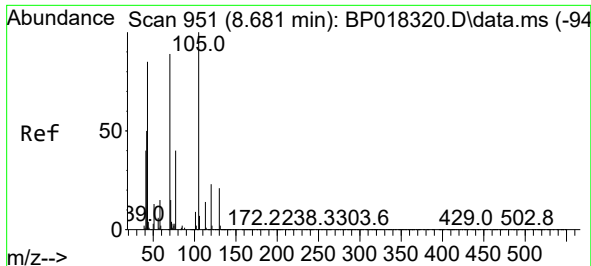
Tgt Ion: 77 Resp: 62474
Ion Ratio Lower Upper
77 100
105 21.9 81.5 122.3#
106 12.8 77.9 116.9#



#16
Acetophenone
Concen: 1.225 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

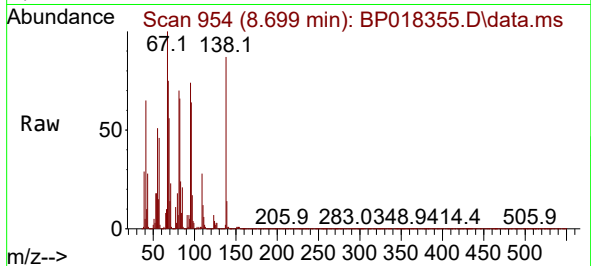
Tgt Ion: 105 Resp: 42560
Ion Ratio Lower Upper
105 100
77 147.5 59.5 89.3#
51 58.6 20.5 30.7#



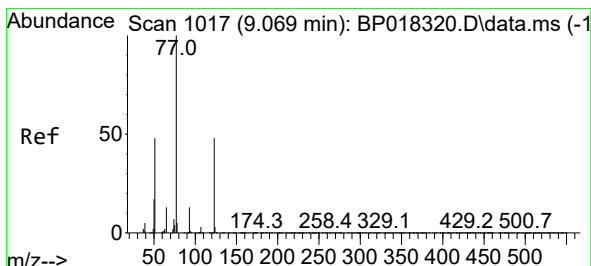
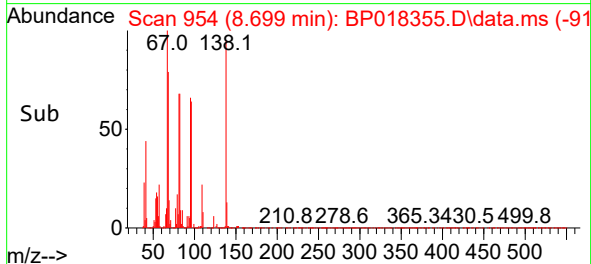
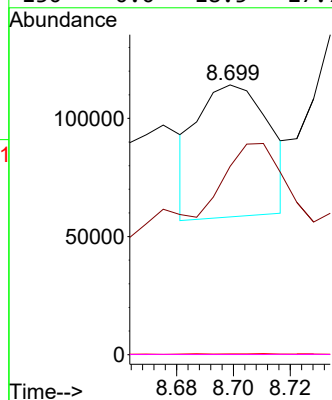


#17
N-Nitroso-di-n-propylamine
Concen: 5.047 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

Instrument :
BNA_P
ClientSampleId :

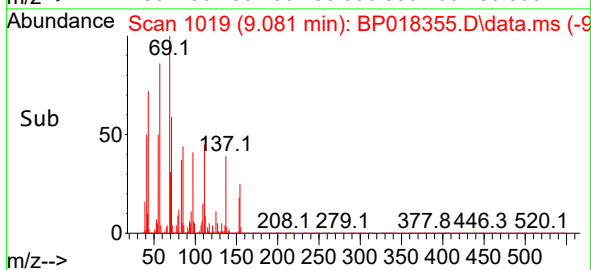
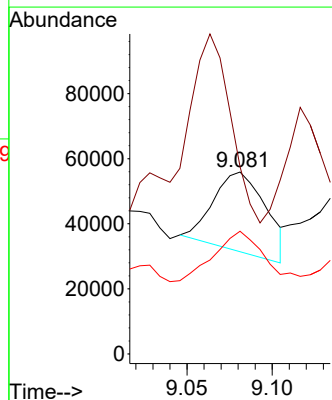
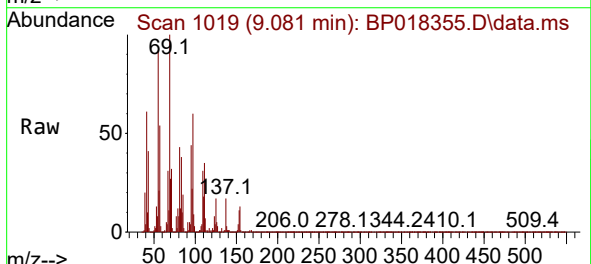


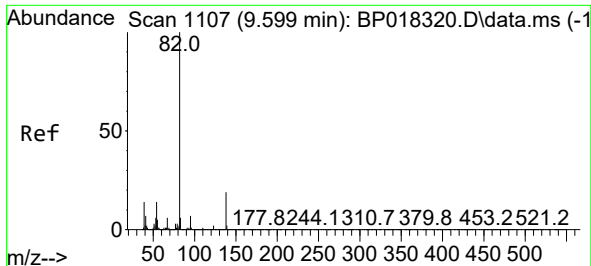
Tgt Ion: 70 Resp: 97972
Ion Ratio Lower Upper
70 100
42 69.8 46.8 70.2
101 0.3 8.4 12.6#
130 0.0 18.5 27.7#



#22
Nitrobenzene
Concen: 2.353 ng/ul
RT: 9.081 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

Tgt Ion: 77 Resp: 51150
Ion Ratio Lower Upper
77 100
123 102.9 37.7 56.5#
65 67.4 10.5 15.7#

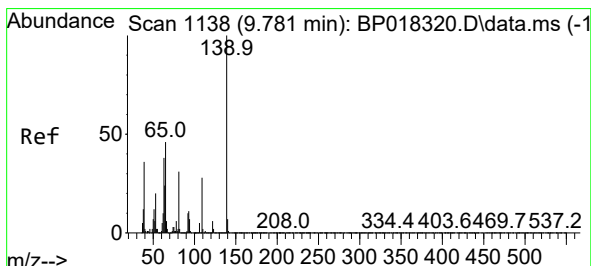
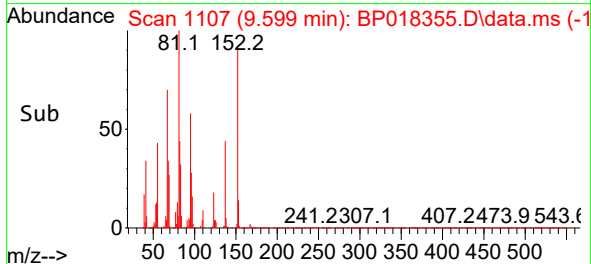
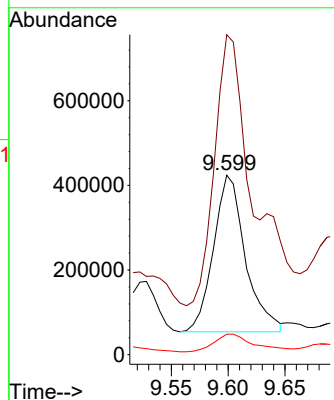
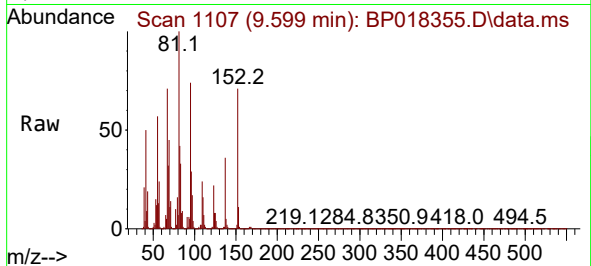




#23
Isophorone
Concen: 14.946 ng/ul
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

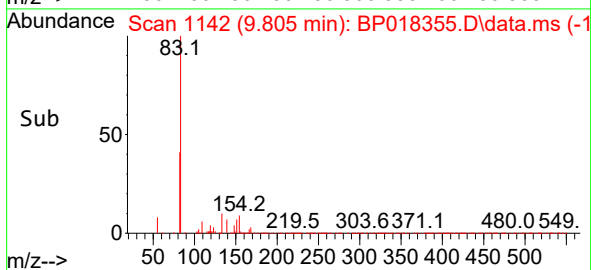
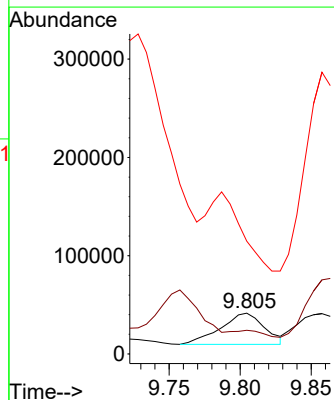
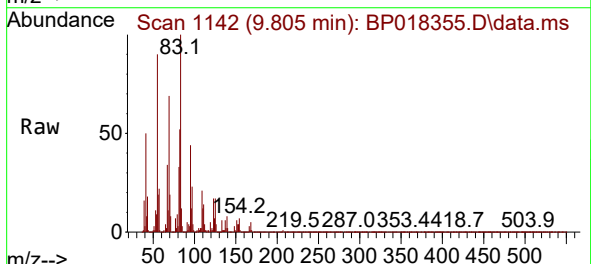
Instrument :
BNA_P
ClientSampleId :

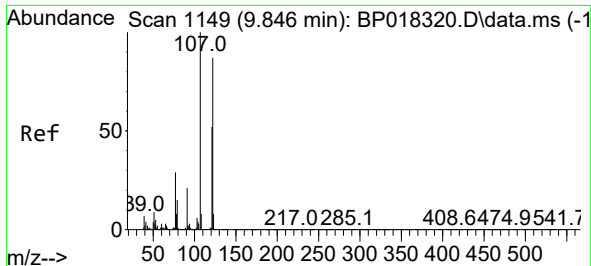
Tgt Ion: 82 Resp: 724075
Ion Ratio Lower Upper
82 100
95 178.2 5.8 8.6#
138 11.4 14.9 22.3#



#25
2-Nitrophenol
Concen: 7.076 ng/ul
RT: 9.805 min Scan# 1142
Delta R.T. 0.024 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

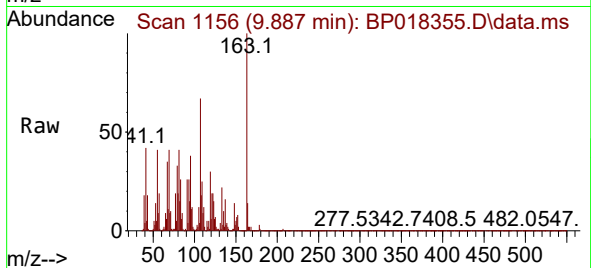
Tgt Ion: 139 Resp: 68221
Ion Ratio Lower Upper
139 100
65 58.0 38.3 57.5#
109 276.5 23.4 35.0#



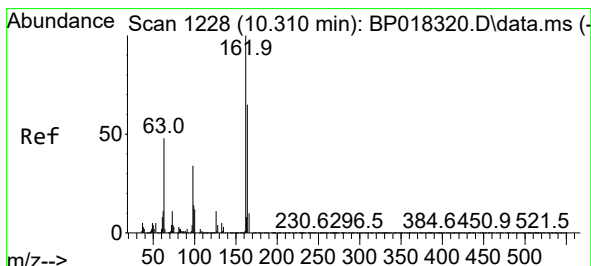
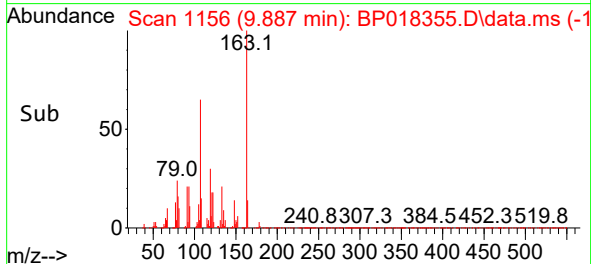
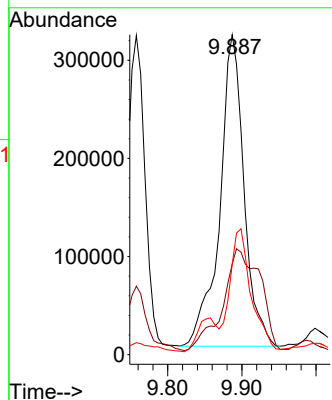


#26
2,4-Dimethylphenol
Concen: 33.319 ng/ul
RT: 9.887 min Scan# 1156
Delta R.T. 0.041 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

Instrument :
BNA_P
ClientSampleId :

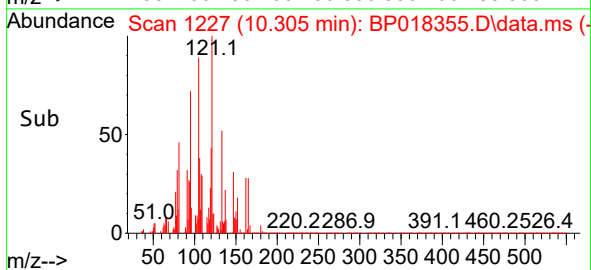
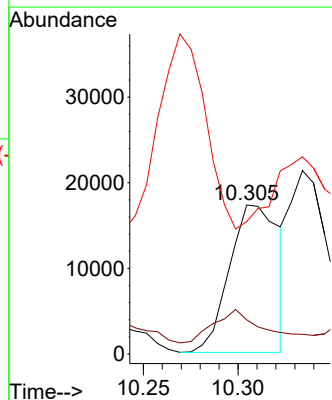
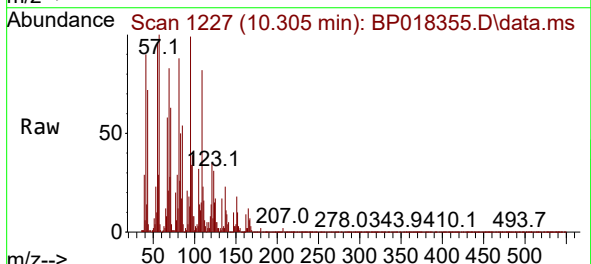


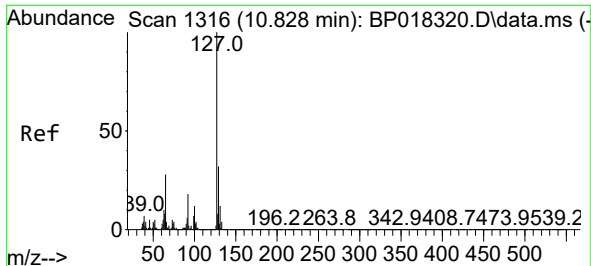
Tgt Ion:107 Resp: 721178
Ion Ratio Lower Upper
107 100
121 28.4 40.0 60.0#
122 28.2 70.4 105.6#



#29
2,4-Dichlorophenol
Concen: 1.573 ng/ul
RT: 10.305 min Scan# 1227
Delta R.T. -0.012 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

Tgt Ion:162 Resp: 31145
Ion Ratio Lower Upper
162 100
164 22.9 53.0 79.6#
98 89.0 27.7 41.5#

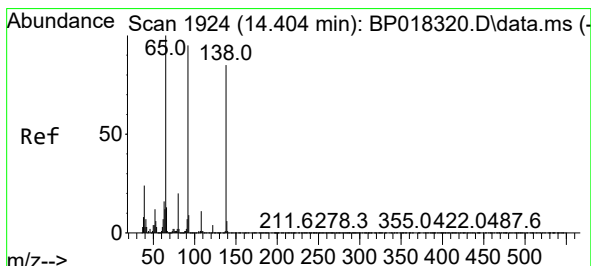
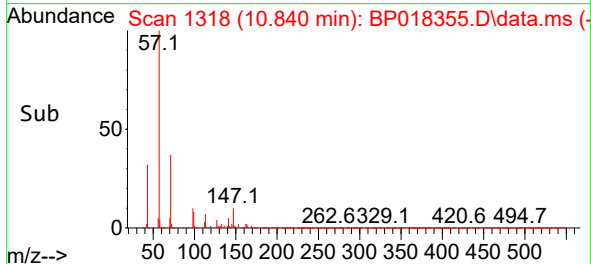
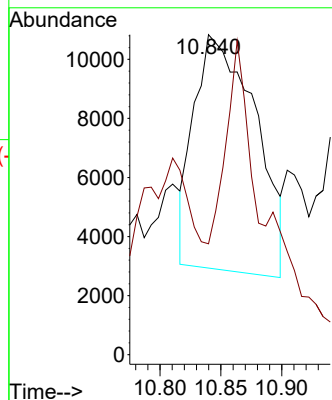
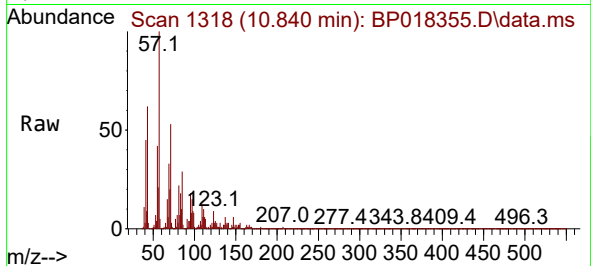




#32
4-Chloroaniline
Concen: 1.059 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

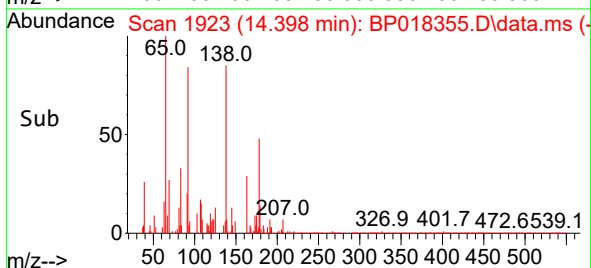
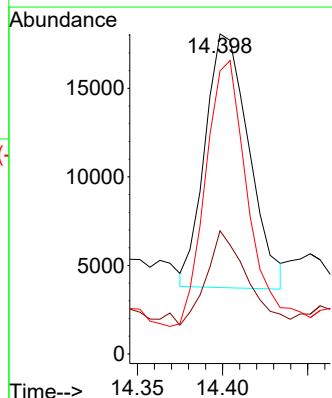
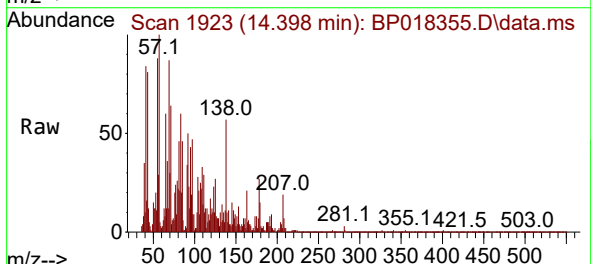
Instrument :
BNA_P
ClientSampleId :

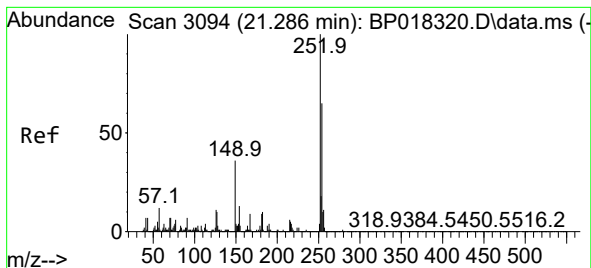
Tgt Ion:127 Resp: 27871
Ion Ratio Lower Upper
127 100
129 34.7 25.8 38.8



#51
3-Nitroaniline
Concen: 2.436 ng/ul
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP018355.D
Acq: 25 Nov 2023 07:27

Tgt Ion:138 Resp: 25654
Ion Ratio Lower Upper
138 100
108 38.5 13.2 19.8#
92 88.5 90.2 135.4#





#84

3,3'-Dichlorobenzidine

Concen: 2.706 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.012 min

Lab File: BP018355.D

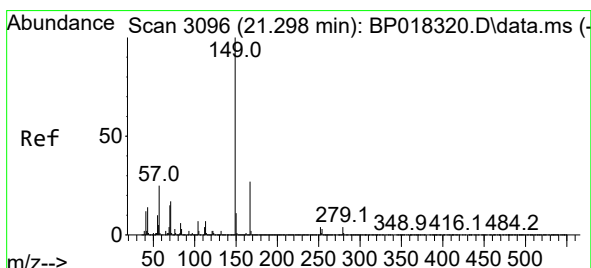
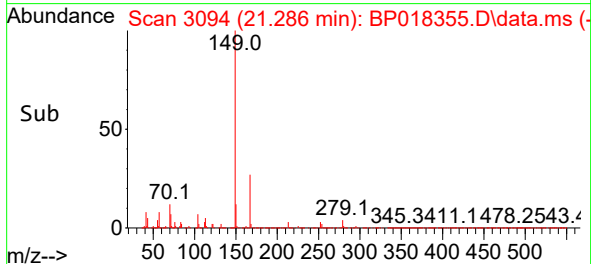
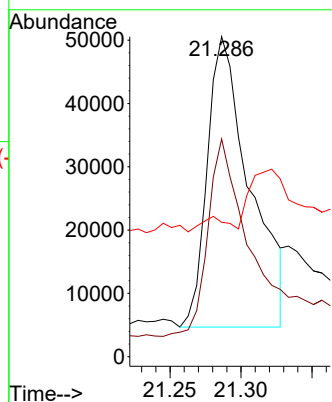
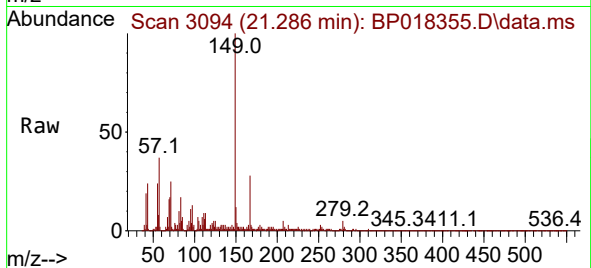
Acq: 25 Nov 2023 07:27

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	252	Resp:	95873
Ion Ratio	Lower	Upper	
252	100		
254	68.0	51.1	76.7
126	42.0	8.6	12.8#



#86

Bis(2-ethylhexyl)phthalate

Concen: 55.917 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BP018355.D

Acq: 25 Nov 2023 07:27

Tgt Ion:	149	Resp:	4354331
Ion Ratio	Lower	Upper	
149	100		
167	29.8	22.1	33.1
279	6.0	3.4	5.0#

