

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034652.D
 Acq On : 18 Oct 2024 16:38
 Operator : RC/JU
 Sample : P4380-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 22:57:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

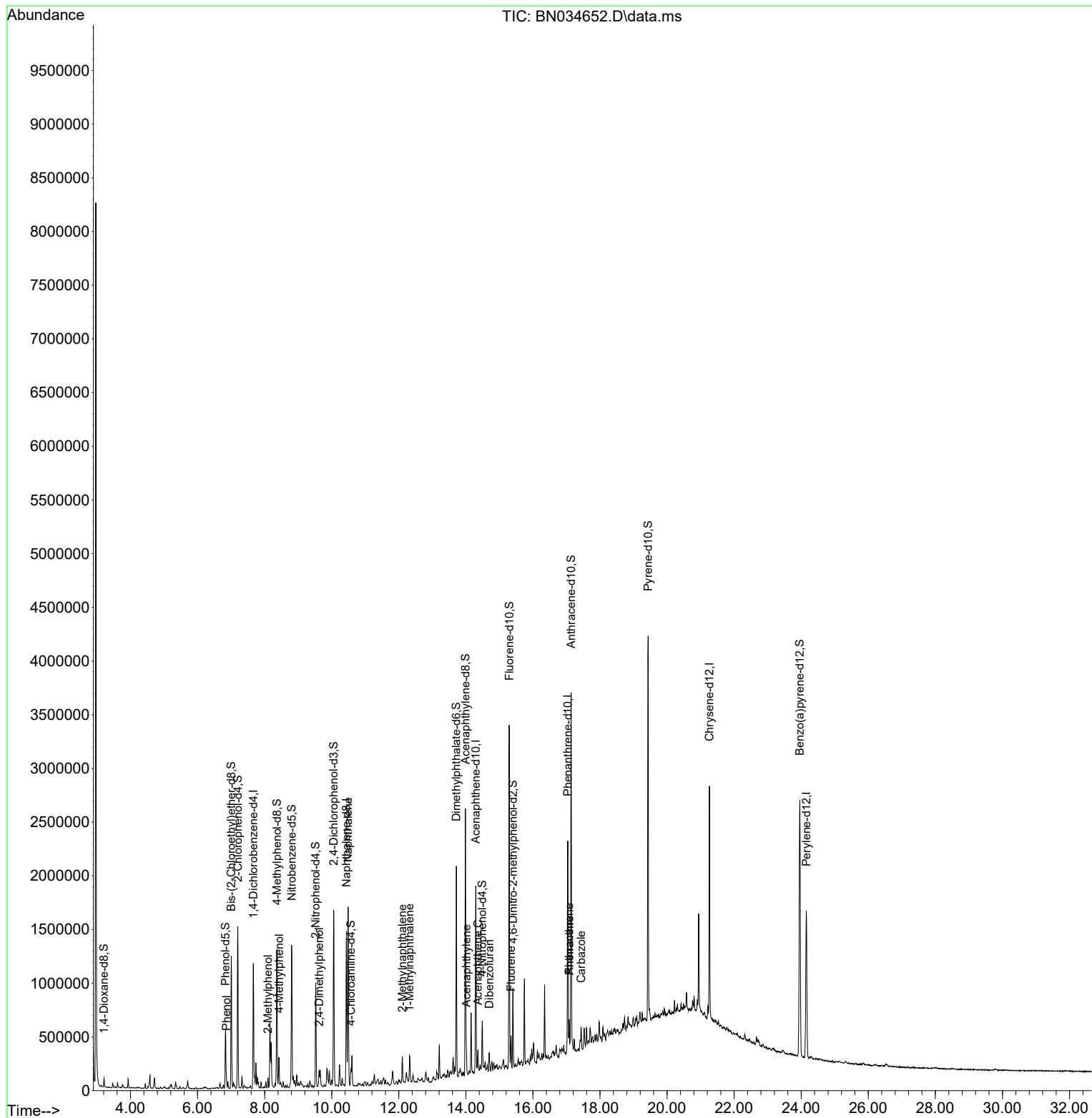
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	300852	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1152217	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	594530	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1035432	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	965719	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1122615	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	36818	4.897	ng/uL	0.00
4) Pyridine-d5	3.611	84	20873	0.951	ng/u1	0.01
7) Phenol-d5	6.834	99	290275	11.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	508592	33.394	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	669478	35.101	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	452507	23.517	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	317249	39.566	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	299066	47.199	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	557208	38.153	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	66882	2.670	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1241142	32.999	ng/u1	0.00
49) Acenaphthylene-d8	13.986	160	1587925	33.989	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	93589	13.357	ng/u1	0.00
60) Fluorene-d10	15.292	176	1184078	36.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	123531	35.593	ng/u1	0.00
73) Anthracene-d10	17.139	188	1678858	37.930	ng/u1	0.00
81) Pyrene-d10	19.433	212	1835720	37.022	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1921123	37.140	ng/u1	-0.01
Target Compounds						Qvalue
8) Phenol	6.857	94	44071	1.709	ng/u1	95
13) 2-Methylphenol	8.099	108	30548	1.605	ng/u1	99
18) 4-Methylphenol	8.428	108	101577	4.923	ng/u1	99
26) 2,4-Dimethylphenol	9.622	107	46546	2.503	ng/u1	98
30) Naphthalene	10.487	128	1343352	23.194	ng/u1	99
36) 2-Methylnaphthalene	12.104	142	112526	2.951	ng/u1	96
37) 1-Methylnaphthalene	12.322	142	116881	3.011	ng/u1	96
50) Acenaphthylene	14.016	152	122750	2.425	ng/u1	98
52) Acenaphthene	14.357	153	78636	2.236	ng/u1	98
56) Dibenzofuran	14.698	168	86726	1.856	ng/u1	97
61) Fluorene	15.345	166	105165	2.793	ng/u1	94
72) Phenanthrene	17.080	178	176431	3.414	ng/u1	97
74) Anthracene	17.080	178	177565	3.325	ng/u1	96
77) Carbazole	17.439	167	129975	2.628	ng/u1	98

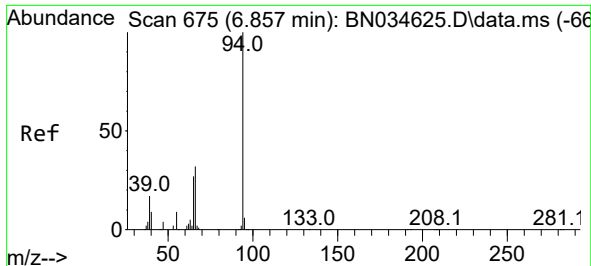
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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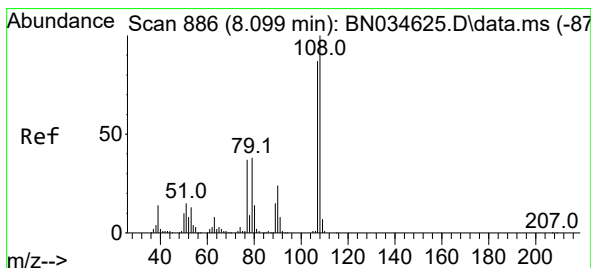
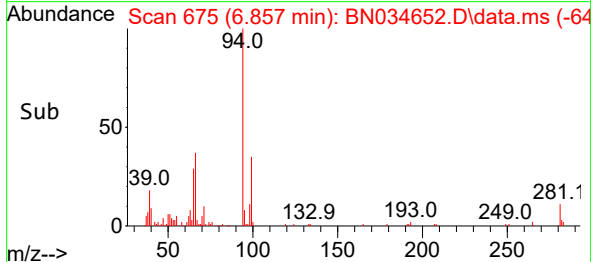
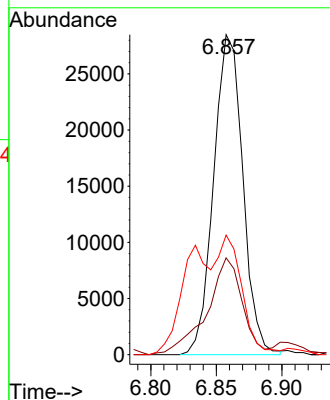
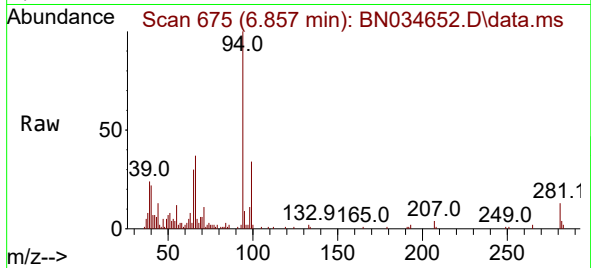




#8
Phenol
Concen: 1.709 ng/ul
RT: 6.857 min Scan# 675
Delta R.T. 0.000 min
Lab File: BN034652.D
Acq: 18 Oct 2024 16:38

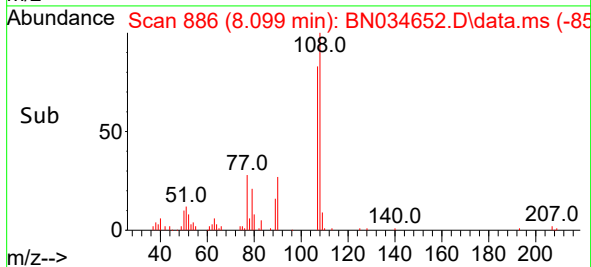
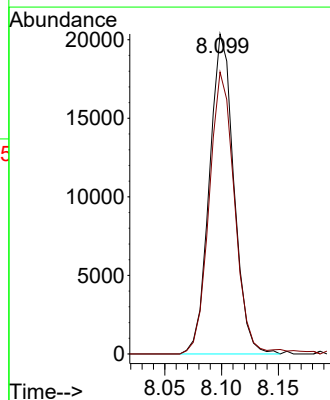
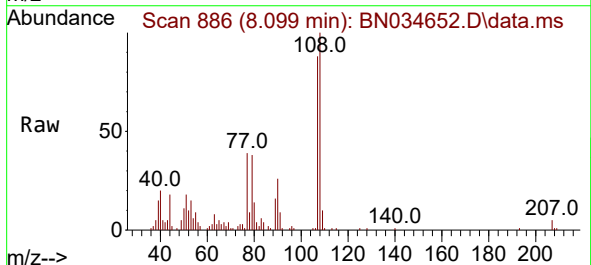
Instrument :
BNA_N
ClientSampleId :

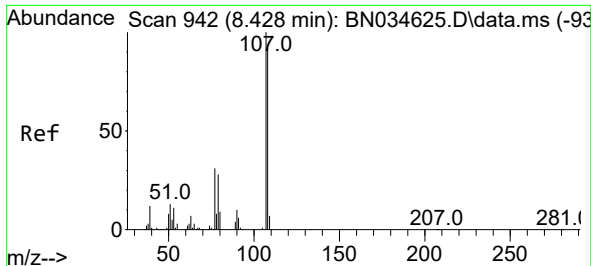
Tgt Ion: 94 Resp: 44071
Ion Ratio Lower Upper
94 100
65 30.2 22.2 33.4
66 37.3 27.4 41.0



#13
2-Methylphenol
Concen: 1.605 ng/ul
RT: 8.099 min Scan# 886
Delta R.T. 0.000 min
Lab File: BN034652.D
Acq: 18 Oct 2024 16:38

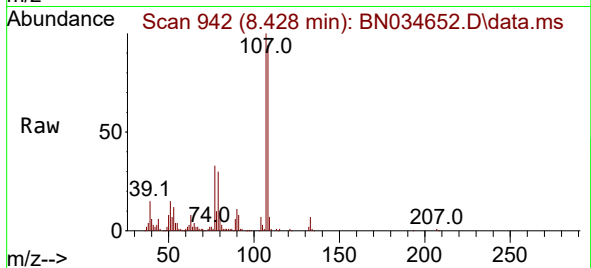
Tgt Ion: 108 Resp: 30548
Ion Ratio Lower Upper
108 100
107 88.1 70.1 105.1



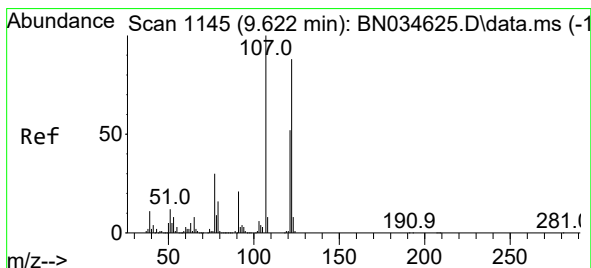
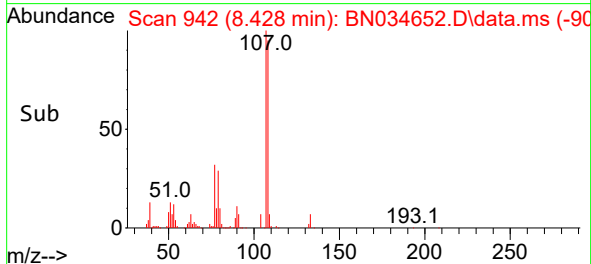
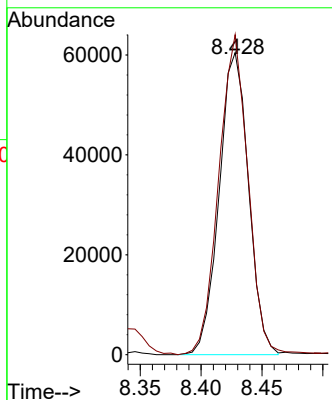


#18
4-Methylphenol
Concen: 4.923 ng/ul
RT: 8.428 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN034652.D
Acq: 18 Oct 2024 16:38

Instrument :
BNA_N
ClientSampleId :

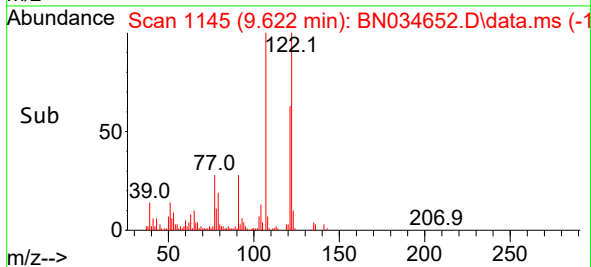
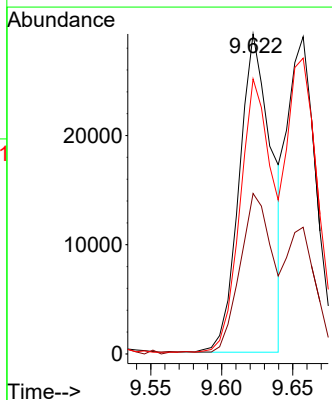
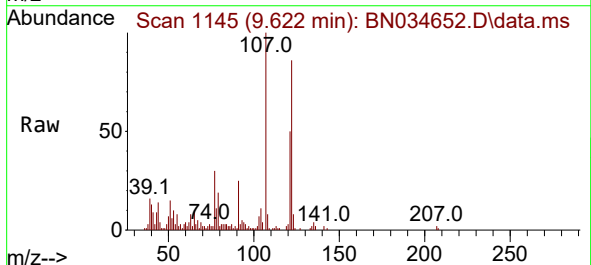


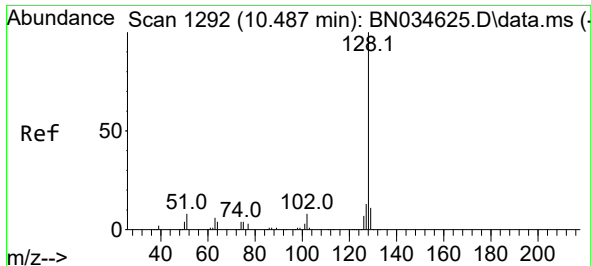
Tgt Ion:108 Resp: 101577
Ion Ratio Lower Upper
108 100
107 105.9 85.8 128.6



#26
2,4-Dimethylphenol
Concen: 2.503 ng/ul
RT: 9.622 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN034652.D
Acq: 18 Oct 2024 16:38

Tgt Ion:107 Resp: 46546
Ion Ratio Lower Upper
107 100
121 50.2 41.8 62.6
122 86.0 70.2 105.2

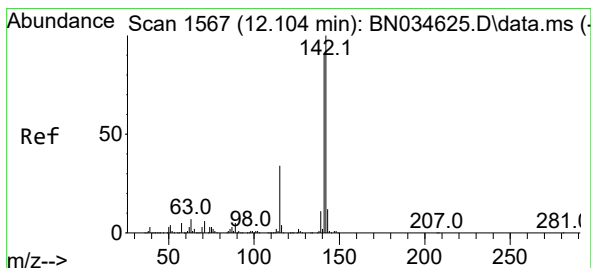
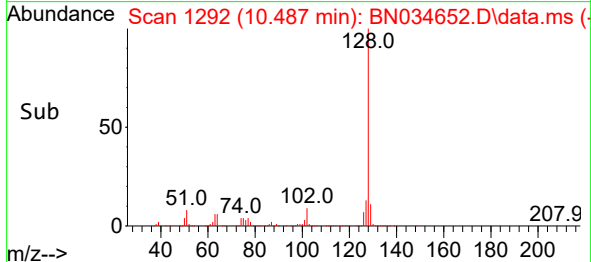
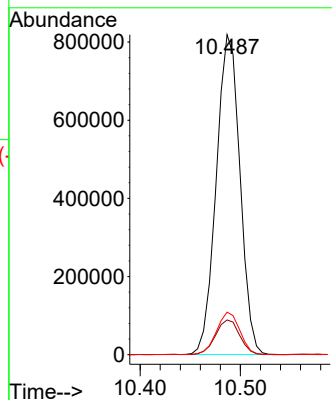
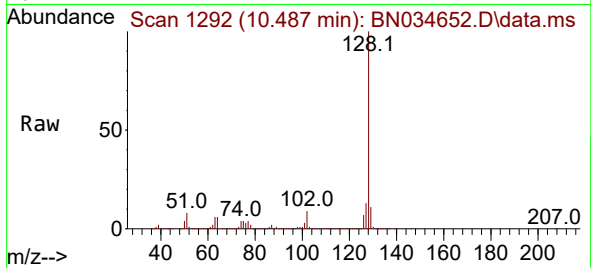




#30
Naphthalene
Concen: 23.194 ng/ul
RT: 10.487 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BN034652.D
Acq: 18 Oct 2024 16:38

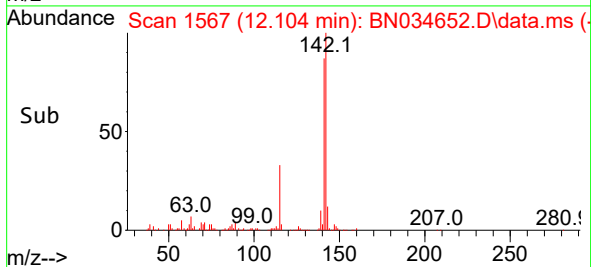
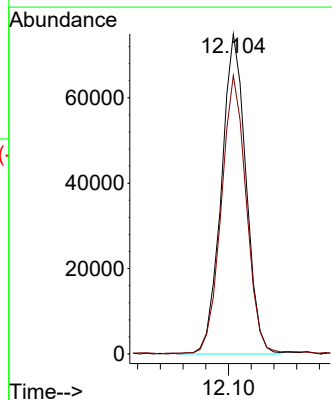
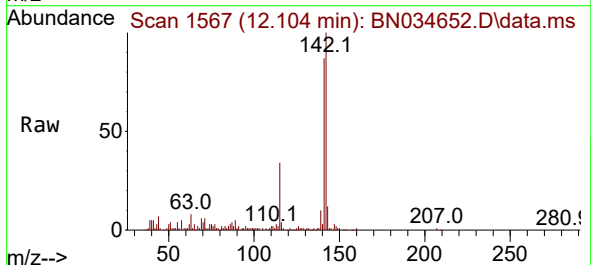
Instrument :
BNA_N
ClientSampleId :

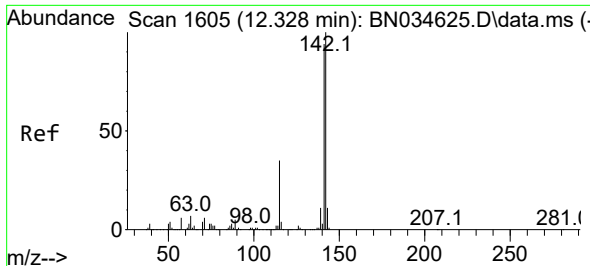
Tgt Ion:128 Resp: 1343352
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.3 10.3 15.5



#36
2-Methylnaphthalene
Concen: 2.951 ng/ul
RT: 12.104 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BN034652.D
Acq: 18 Oct 2024 16:38

Tgt Ion:142 Resp: 112526
Ion Ratio Lower Upper
142 100
141 87.0 72.3 108.5





#37

1-Methylnaphthalene

Concen: 3.011 ng/ul

RT: 12.322 min Scan# 1

Delta R.T. -0.006 min

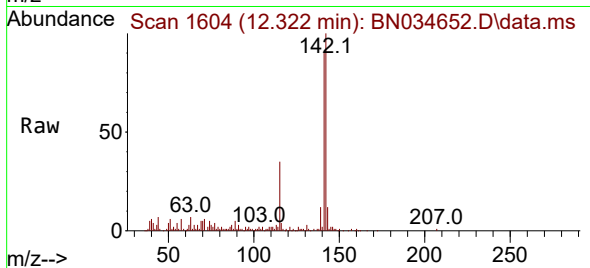
Lab File: BN034652.D

Acq: 18 Oct 2024 16:38

Instrument :

BNA_N

ClientSampleId :



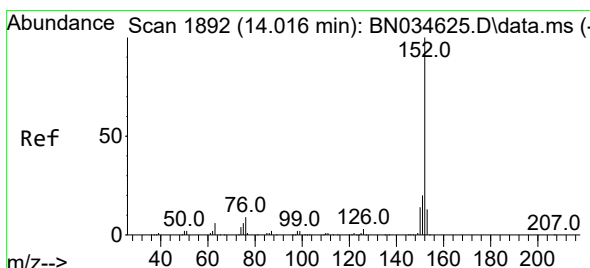
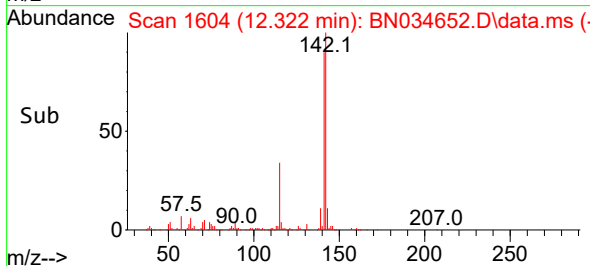
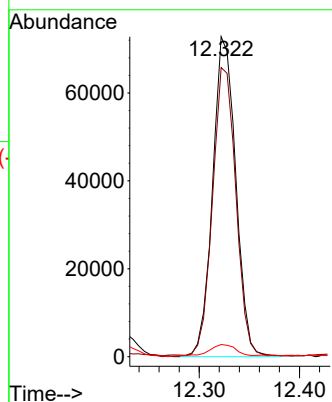
Tgt Ion:142 Resp: 116881

Ion Ratio Lower Upper

142 100

141 90.4 75.4 113.0

116 3.8 2.8 4.2



#50

Acenaphthylene

Concen: 2.425 ng/ul

RT: 14.016 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BN034652.D

Acq: 18 Oct 2024 16:38

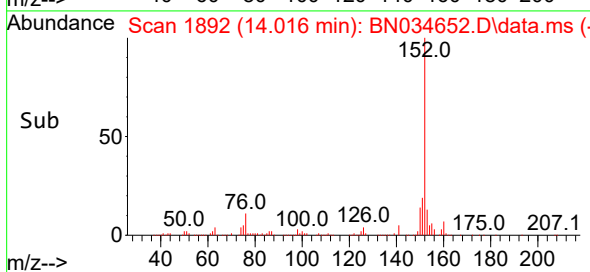
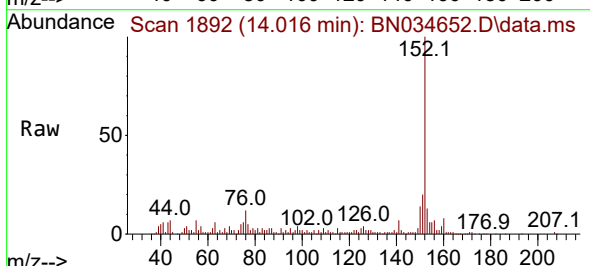
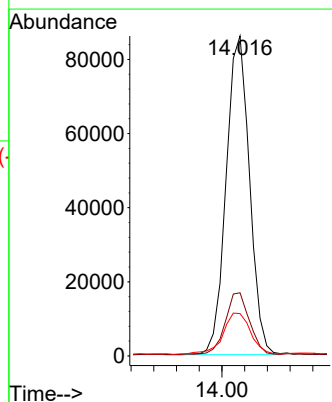
Tgt Ion:152 Resp: 122750

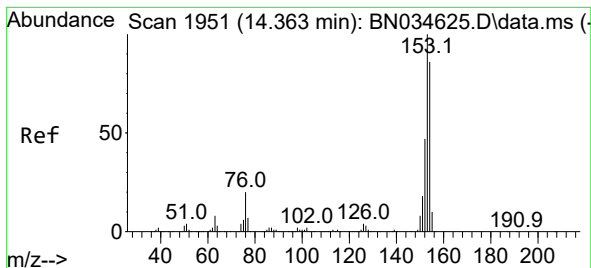
Ion Ratio Lower Upper

152 100

151 19.8 15.3 22.9

153 13.3 9.9 14.9





#52

Acenaphthene

Concen: 2.236 ng/ul

RT: 14.357 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BN034652.D

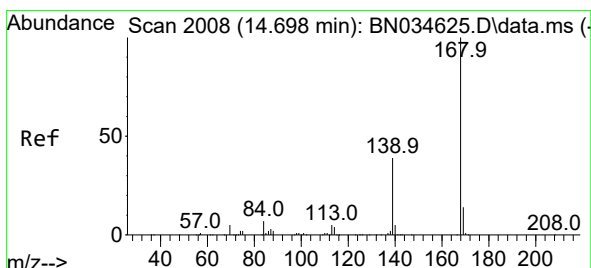
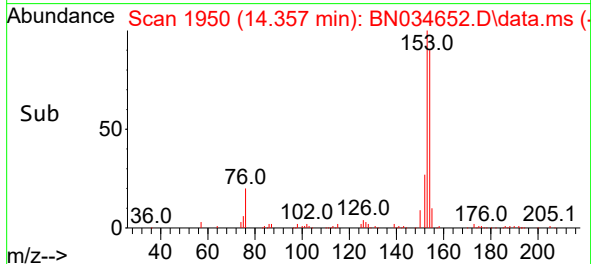
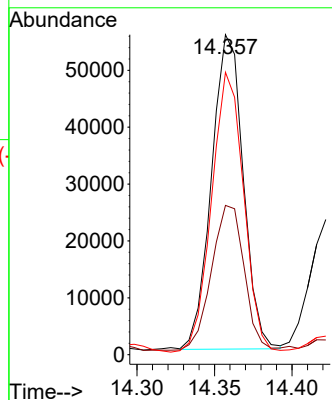
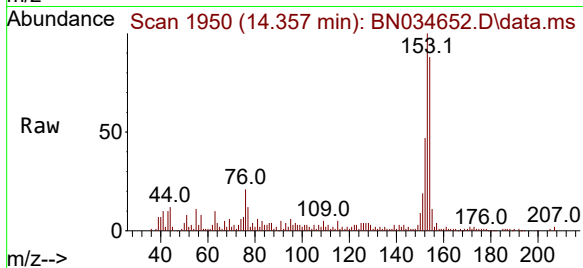
Acq: 18 Oct 2024 16:38

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:153	Resp:	78636
Ion Ratio	Lower	Upper
153	100	
152	46.7	36.5 54.7
154	88.2	69.3 103.9



#56

Dibenzofuran

Concen: 1.856 ng/ul

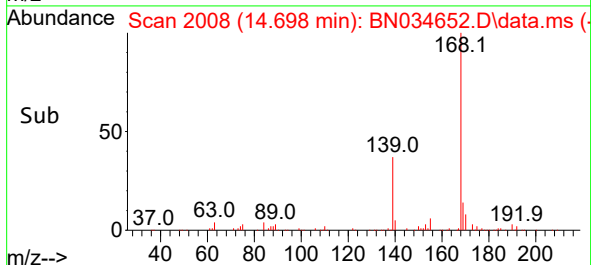
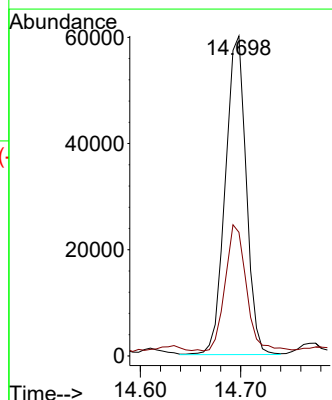
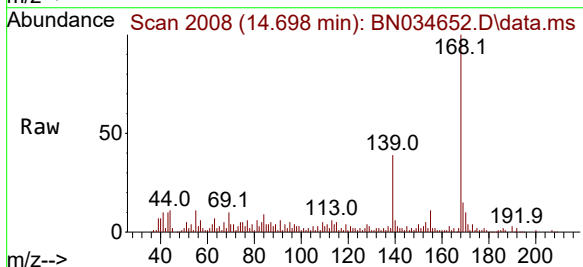
RT: 14.698 min Scan# 2008

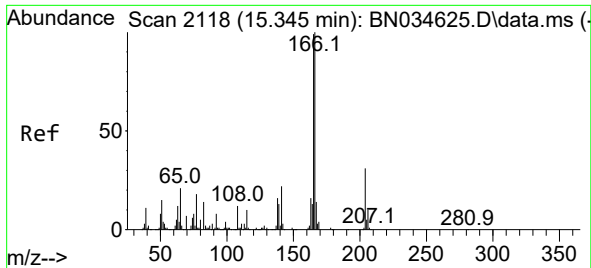
Delta R.T. 0.000 min

Lab File: BN034652.D

Acq: 18 Oct 2024 16:38

Tgt Ion:168	Resp:	86726
Ion Ratio	Lower	Upper
168	100	
139	38.7	29.7 44.5

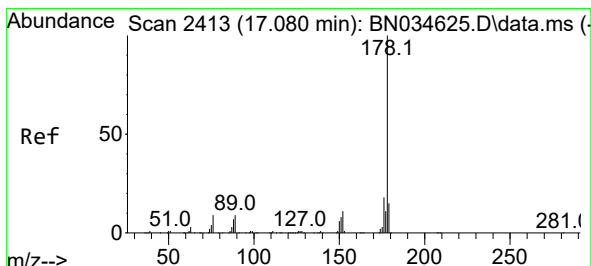
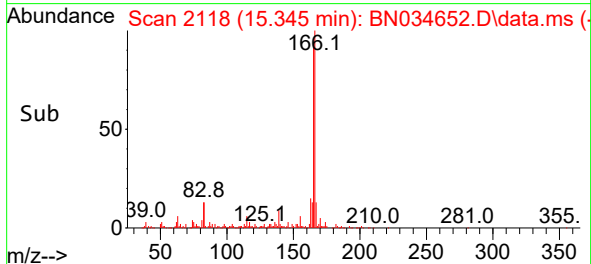
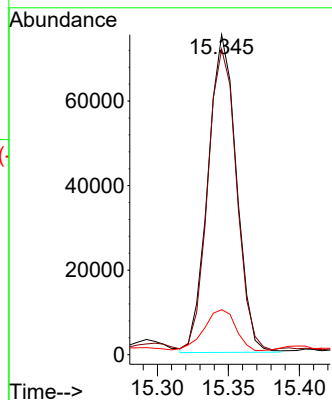
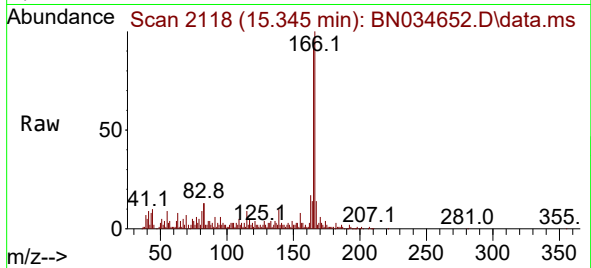




#61
 Fluorene
 Concen: 2.793 ng/ul
 RT: 15.345 min Scan# 2118
 Delta R.T. -0.006 min
 Lab File: BN034652.D
 Acq: 18 Oct 2024 16:38

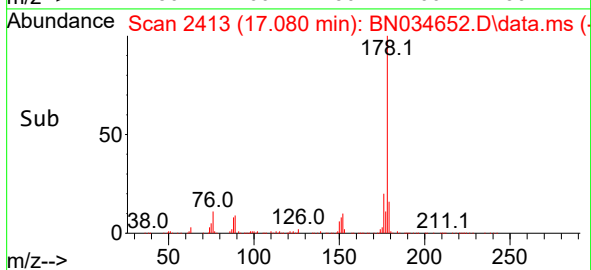
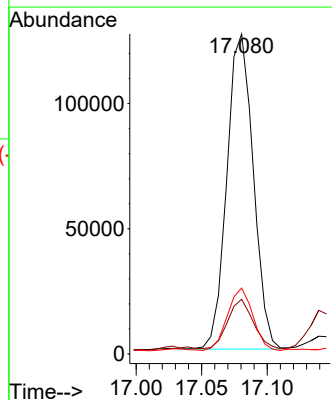
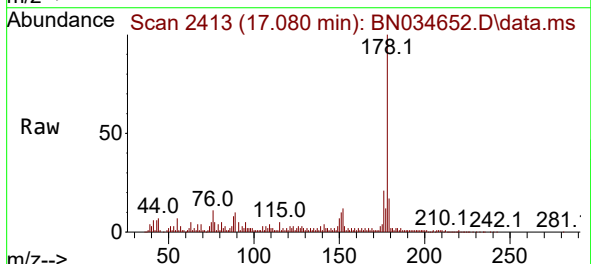
Instrument :
 BNA_N
 ClientSampleId :

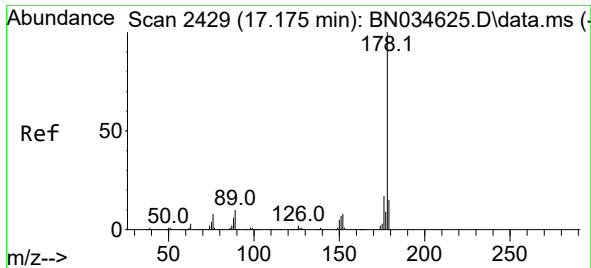
Tgt Ion:166 Resp: 105165
 Ion Ratio Lower Upper
 166 100
 165 95.5 82.2 123.4
 167 14.1 11.4 17.0



#72
 Phenanthrene
 Concen: 3.414 ng/ul
 RT: 17.080 min Scan# 2413
 Delta R.T. -0.006 min
 Lab File: BN034652.D
 Acq: 18 Oct 2024 16:38

Tgt Ion:178 Resp: 176431
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.2 18.4
 176 20.6 15.5 23.3





#74

Anthracene

Concen: 3.325 ng/ul

RT: 17.080 min Scan# 2413

Delta R.T. -0.094 min

Lab File: BN034652.D

Acq: 18 Oct 2024 16:38

Instrument :

BNA_N

ClientSampleId :

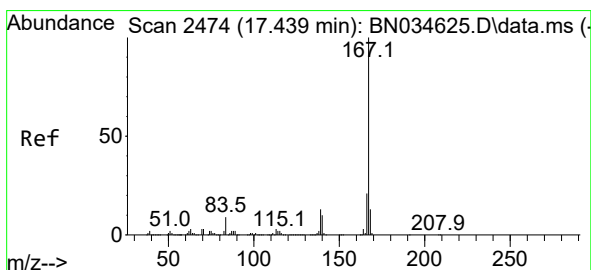
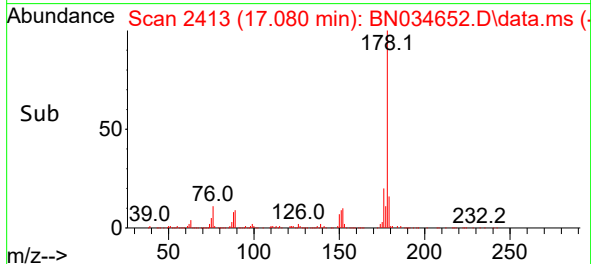
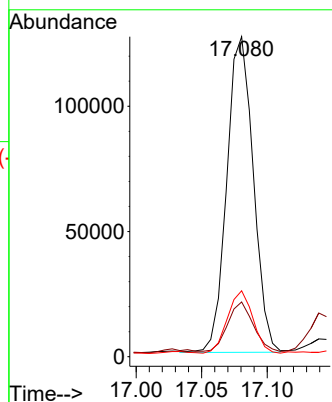
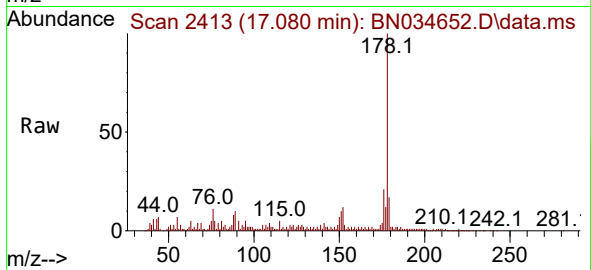
Tgt Ion:178 Resp: 177565

Ion Ratio Lower Upper

178 100

179 17.1 12.9 19.3

176 20.6 14.7 22.1



#77

Carbazole

Concen: 2.628 ng/ul

RT: 17.439 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BN034652.D

Acq: 18 Oct 2024 16:38

Tgt Ion:167 Resp: 129975

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 14.3 10.6 16.0

