

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034658.D
 Acq On : 18 Oct 2024 20:33
 Operator : RC/JU
 Sample : P4380-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 22:58:13 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)

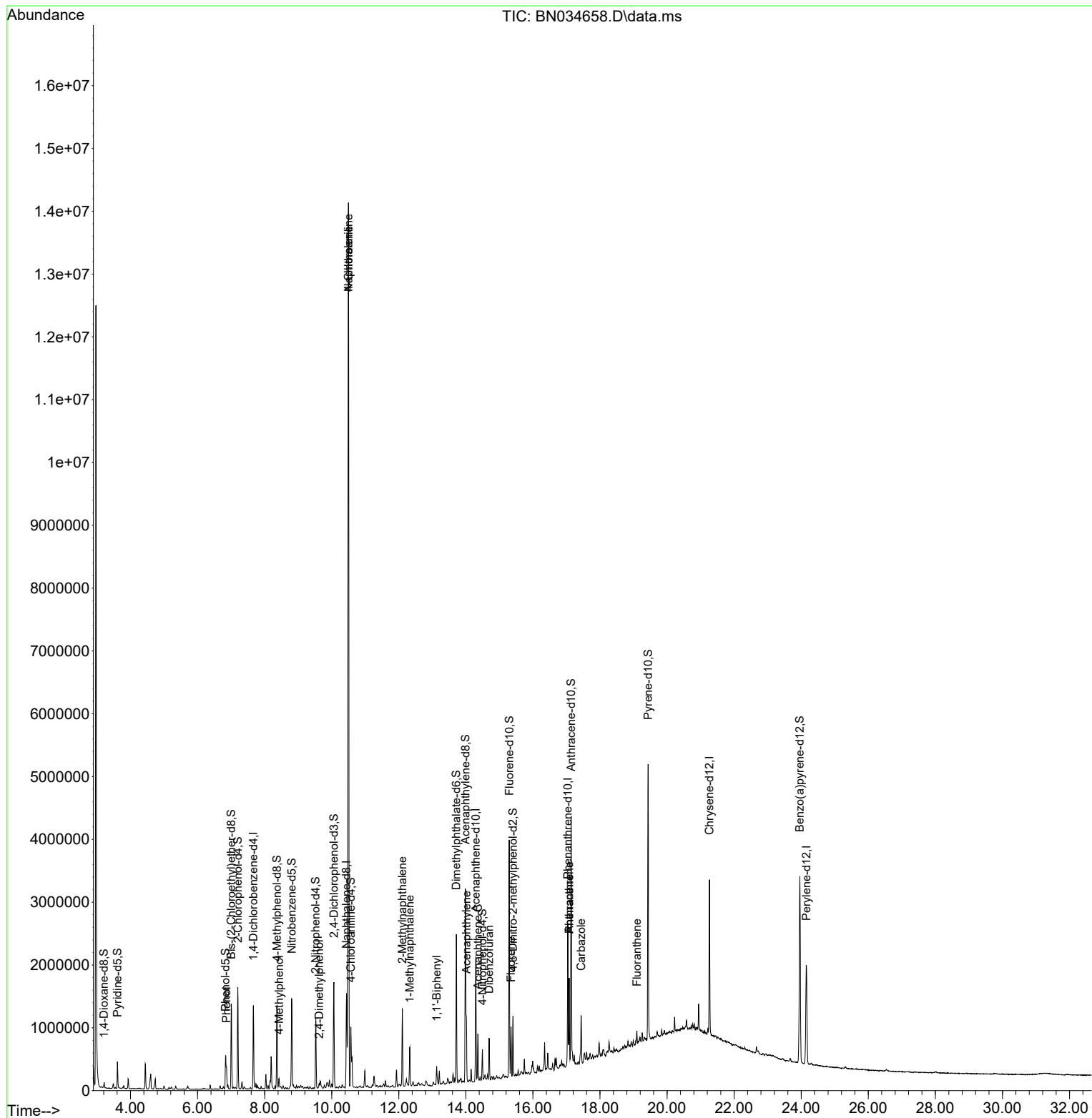
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	339344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1298856	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	687695	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1245639	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1165063	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1380764	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	40734	4.803	ng/uL	0.00
4) Pyridine-d5	3.611	84	211898	8.558	ng/u1	0.01
7) Phenol-d5	6.834	99	299256	10.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	568042	33.067	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	722865	33.601	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	488194	22.493	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	352139	38.959	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	361137	50.560	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	595407	36.166	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	522072	18.485	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1515436	34.833	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1973336	36.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	98728	12.182	ng/u1	0.00
60) Fluorene-d10	15.292	176	1331417	35.383	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	161197	38.607	ng/u1	0.00
73) Anthracene-d10	17.139	188	1992750	37.424	ng/u1	0.00
81) Pyrene-d10	19.433	212	2234273	37.350	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2455697	38.599	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.863	94	171550	5.899	ng/u1	98
18) 4-Methylphenol	8.428	108	59424	2.553	ng/u1	99
26) 2,4-Dimethylphenol	9.628	107	26129	1.247	ng/u1	99
30) Naphthalene	10.498	128	12504442	191.528	ng/u1	97
32) 4-Chloroaniline	10.498	127	1691304	63.157	ng/u1#	10
36) 2-Methylnaphthalene	12.104	142	577422	13.432	ng/u1	97
37) 1-Methylnaphthalene	12.328	142	280949	6.420	ng/u1	97
43) 1,1'-Biphenyl	13.128	154	139242	2.948	ng/u1	98
50) Acenaphthylene	14.016	152	666825	11.388	ng/u1	97
52) Acenaphthene	14.357	153	289116	7.107	ng/u1	98
56) Dibenzofuran	14.692	168	411923	7.620	ng/u1	98
61) Fluorene	15.345	166	335058	7.692	ng/u1	95
72) Phenanthrene	17.080	178	773908	12.448	ng/u1	99
74) Anthracene	17.080	178	773908	12.047	ng/u1	99
77) Carbazole	17.439	167	451000	7.581	ng/u1	98
80) Fluoranthene	19.098	202	116006	1.616	ng/u1	99

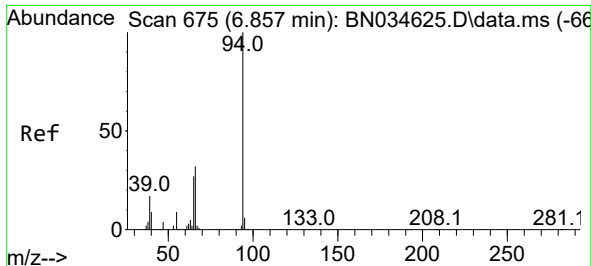
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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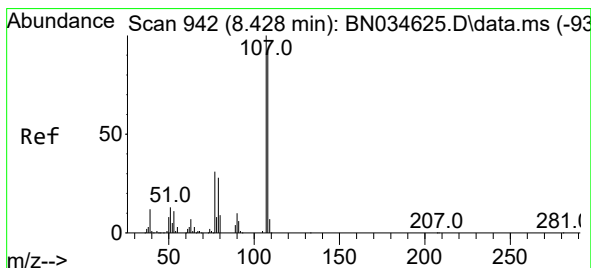
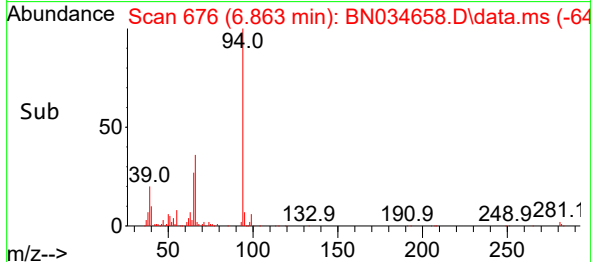
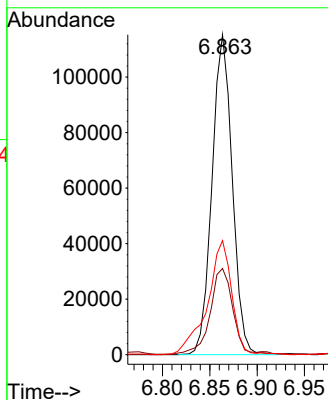
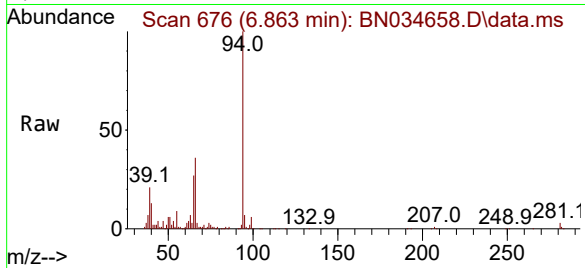




#8
Phenol
Concen: 5.899 ng/ul
RT: 6.863 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

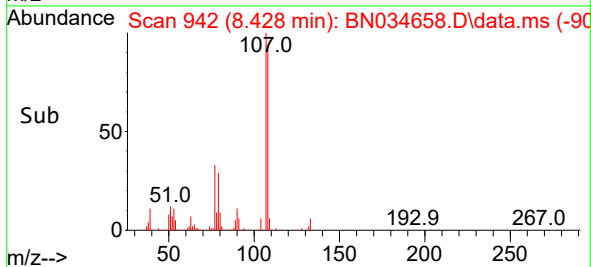
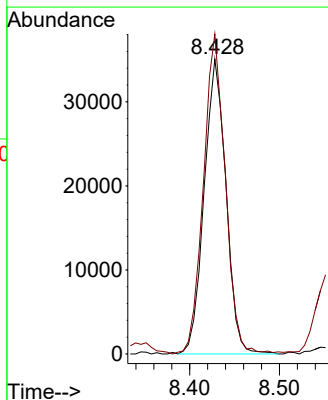
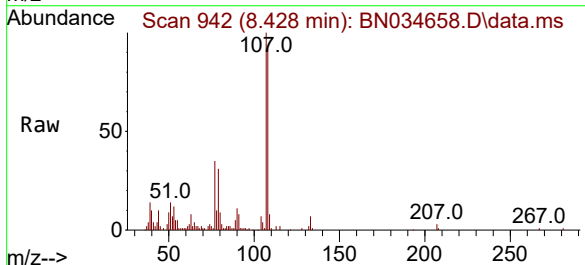
Instrument :
BNA_N
ClientSampleId :

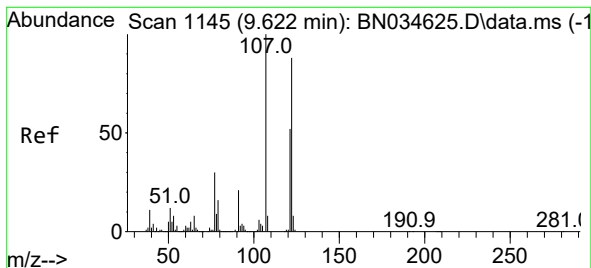
Tgt Ion: 94 Resp: 171550
Ion Ratio Lower Upper
94 100
65 27.0 22.2 33.4
66 35.7 27.4 41.0



#18
4-Methylphenol
Concen: 2.553 ng/ul
RT: 8.428 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

Tgt Ion: 108 Resp: 59424
Ion Ratio Lower Upper
108 100
107 108.5 85.8 128.6





#26

2,4-Dimethylphenol

Concen: 1.247 ng/ul

RT: 9.628 min Scan# 1145

Delta R.T. 0.006 min

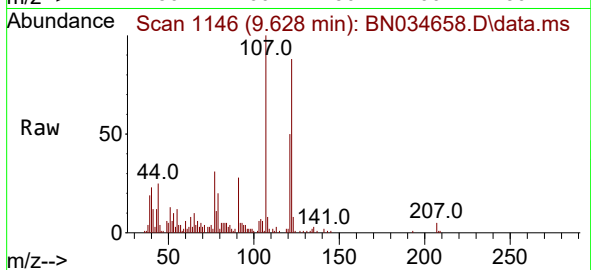
Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

Instrument :

BNA_N

ClientSampleId :



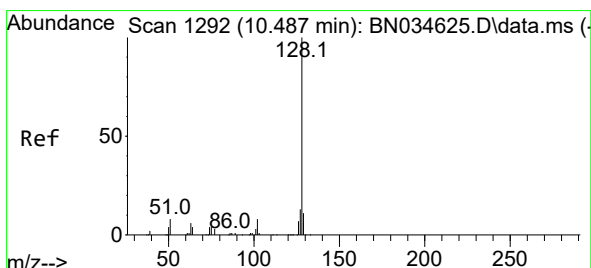
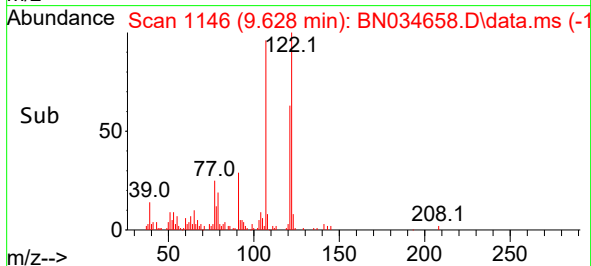
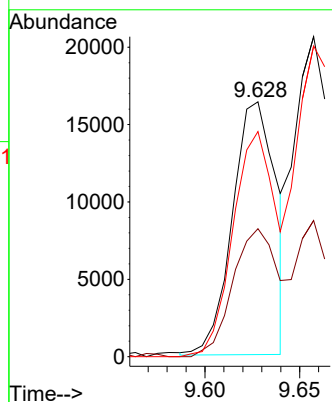
Tgt Ion:107 Resp: 26129

Ion Ratio Lower Upper

107 100

121 50.2 41.8 62.6

122 88.3 70.2 105.2



#30

Naphthalene

Concen: 191.528 ng/ul

RT: 10.498 min Scan# 1294

Delta R.T. 0.006 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

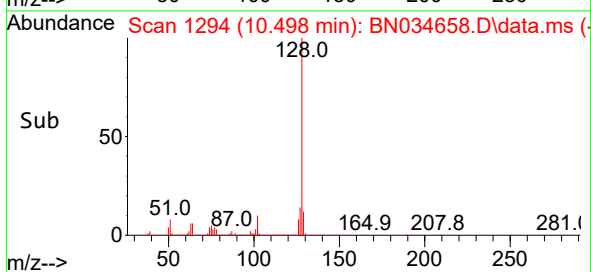
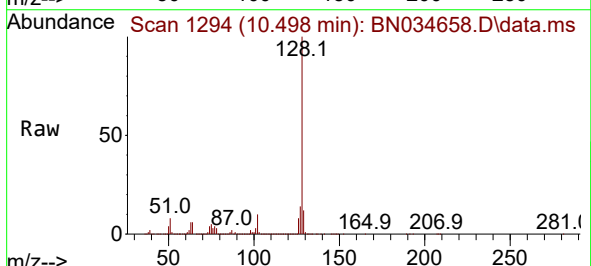
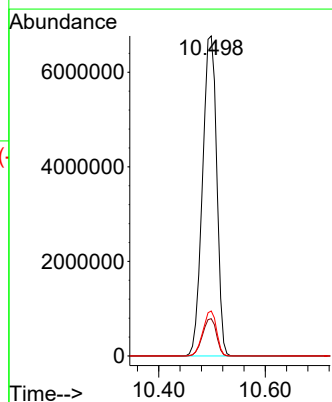
Tgt Ion:128 Resp:12504442

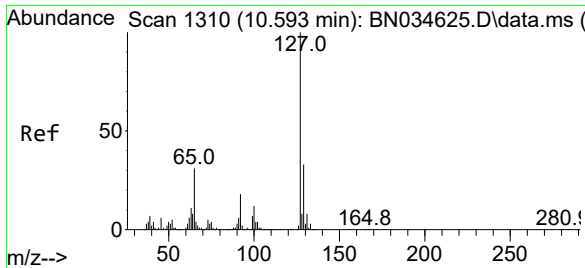
Ion Ratio Lower Upper

128 100

129 11.6 8.2 12.4

127 14.1 10.3 15.5

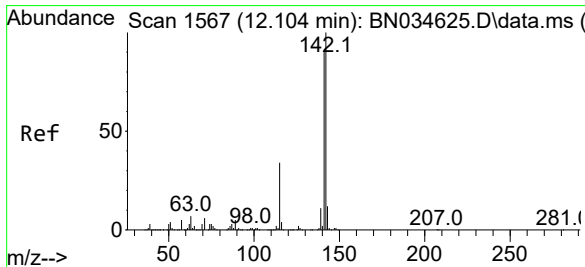
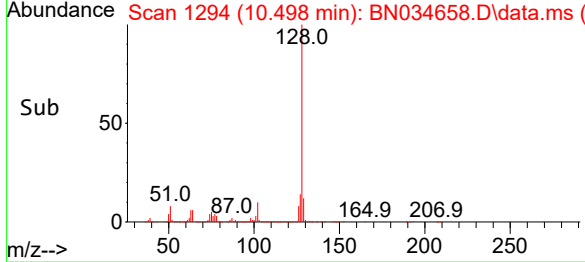
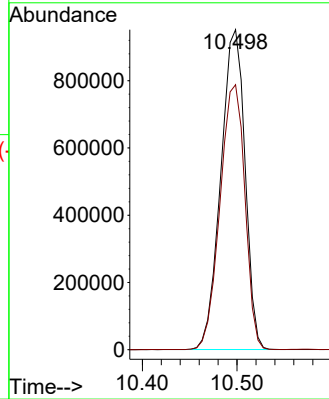
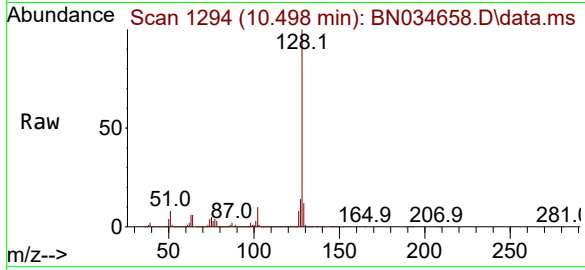




#32
4-Chloroaniline
Concen: 63.157 ng/ul
RT: 10.498 min Scan# 1294
Delta R.T. -0.094 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

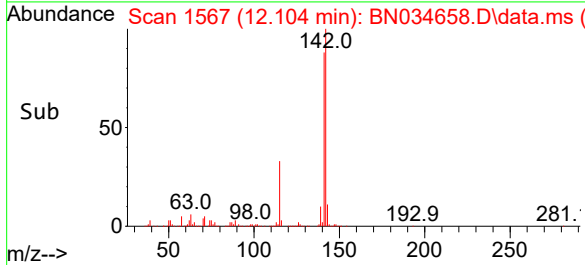
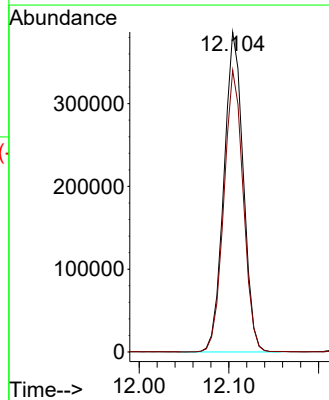
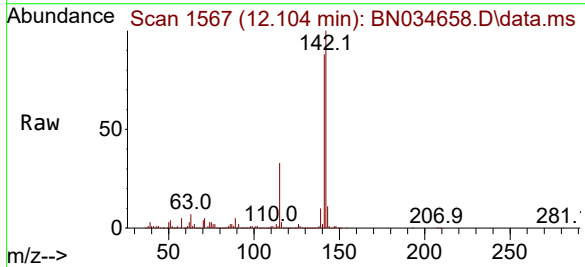
Instrument :
BNA_N
ClientSampleId :

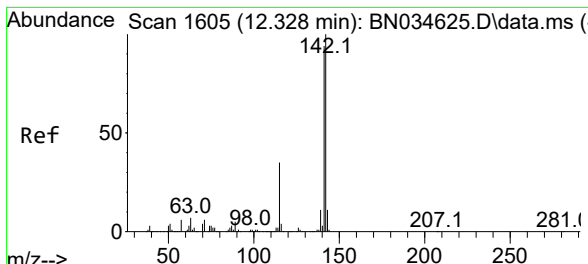
Tgt Ion:127 Resp: 1691304
Ion Ratio Lower Upper
127 100
129 82.8 26.0 39.0#



#36
2-Methylnaphthalene
Concen: 13.432 ng/ul
RT: 12.104 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BN034658.D
Acq: 18 Oct 2024 20:33

Tgt Ion:142 Resp: 577422
Ion Ratio Lower Upper
142 100
141 88.0 72.3 108.5



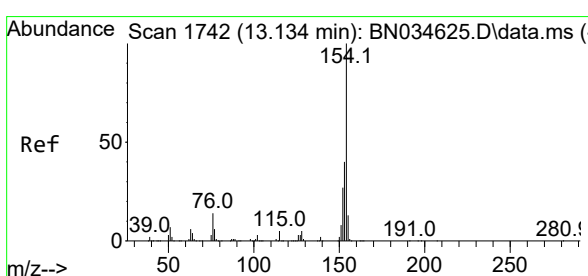
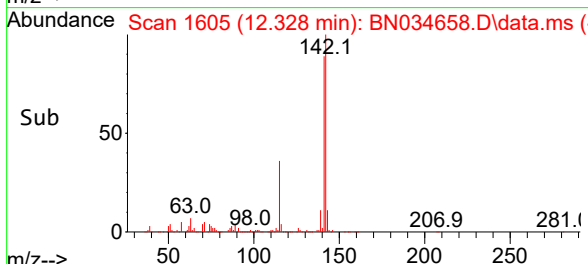
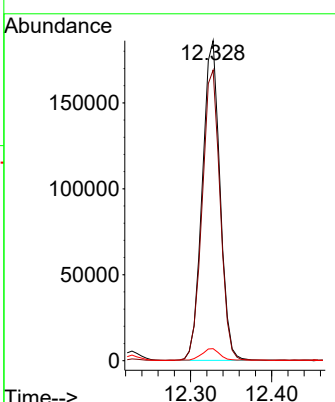
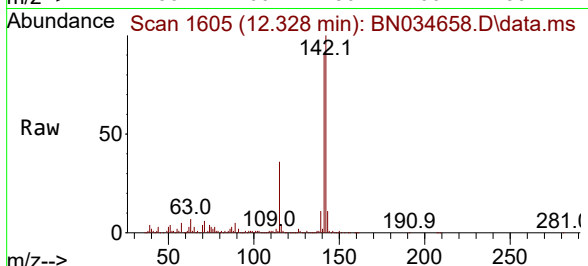


#37
 1-Methylnaphthalene
 Concen: 6.420 ng/ul
 RT: 12.328 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BN034658.D
 Acq: 18 Oct 2024 20:33

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:142 Resp: 280949

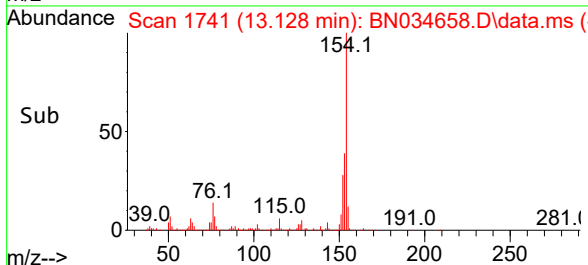
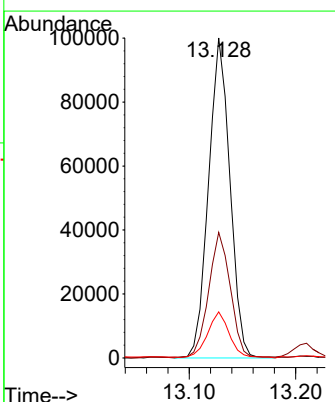
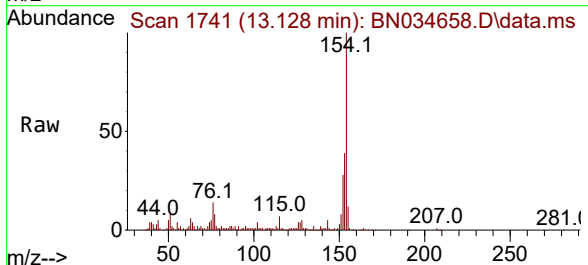
Ion	Ratio	Lower	Upper
142	100		
141	90.8	75.4	113.0
116	3.8	2.8	4.2

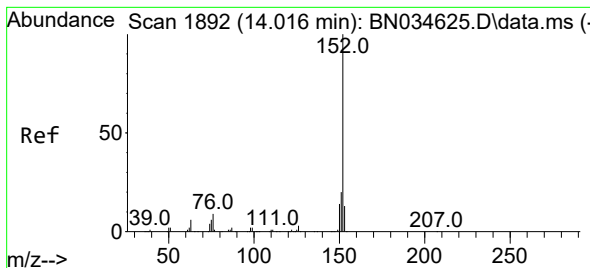


#43
 1,1'-Biphenyl
 Concen: 2.948 ng/ul
 RT: 13.128 min Scan# 1741
 Delta R.T. -0.006 min
 Lab File: BN034658.D
 Acq: 18 Oct 2024 20:33

Tgt Ion:154 Resp: 139242

Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.4	48.6
76	14.4	11.2	16.8





#50

Acenaphthylene

Concen: 11.388 ng/ul

RT: 14.016 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

Instrument :

BNA_N

ClientSampleId :

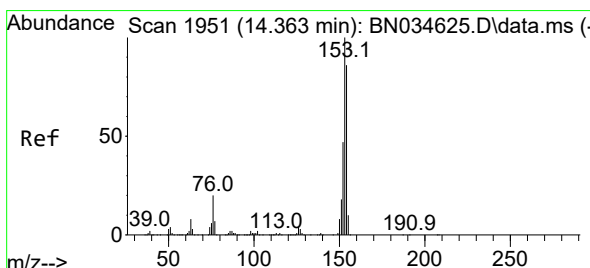
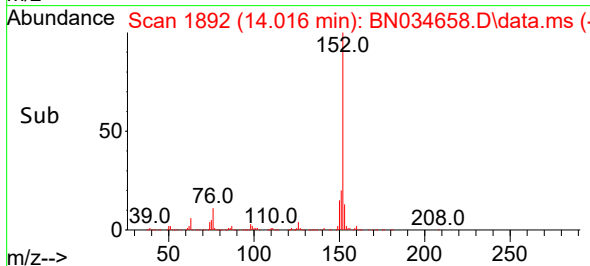
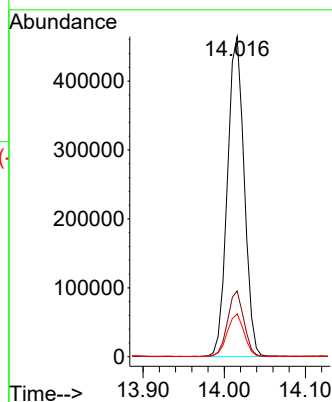
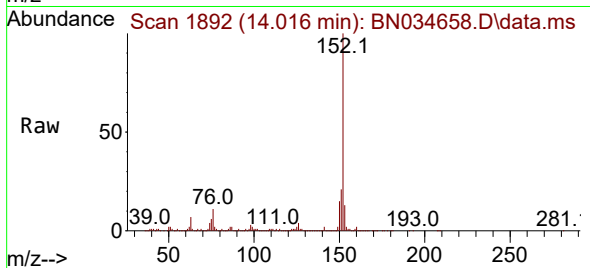
Tgt Ion:152 Resp: 666825

Ion Ratio Lower Upper

152 100

151 20.6 15.3 22.9

153 13.4 9.9 14.9



#52

Acenaphthene

Concen: 7.107 ng/ul

RT: 14.357 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

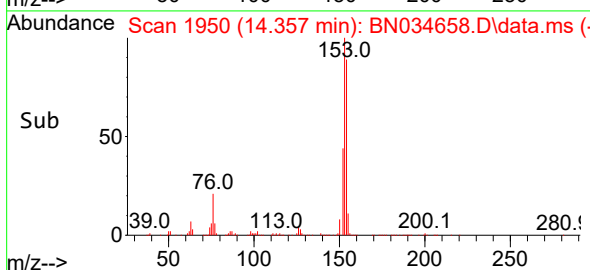
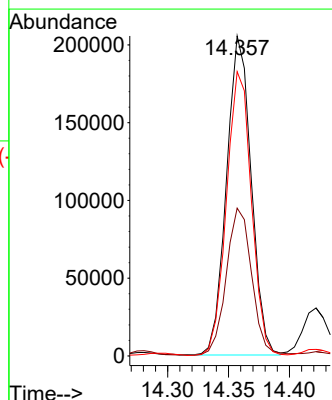
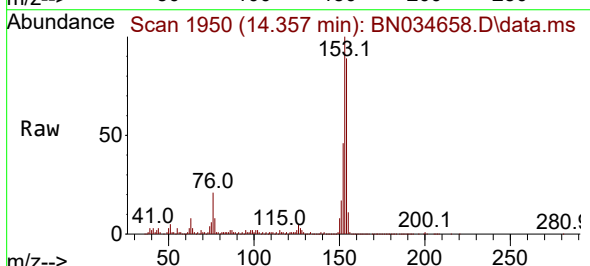
Tgt Ion:153 Resp: 289116

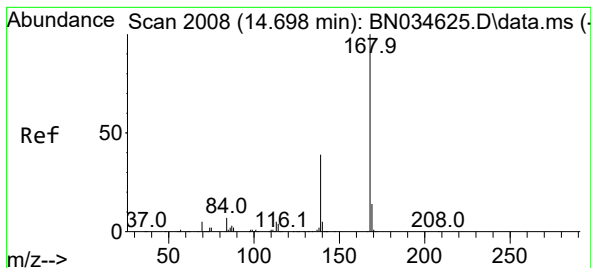
Ion Ratio Lower Upper

153 100

152 46.2 36.5 54.7

154 88.8 69.3 103.9





#56

Dibenzofuran

Concen: 7.620 ng/ul

RT: 14.692 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

Instrument :

BNA_N

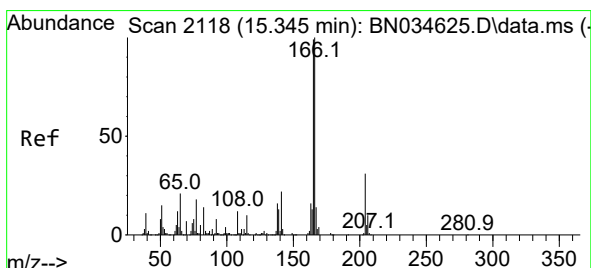
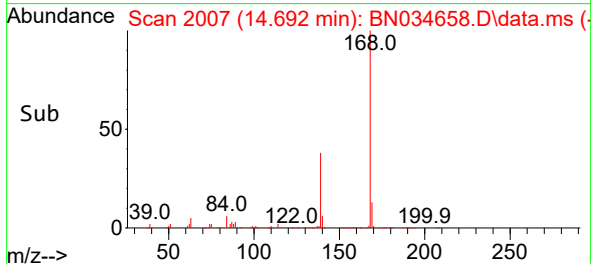
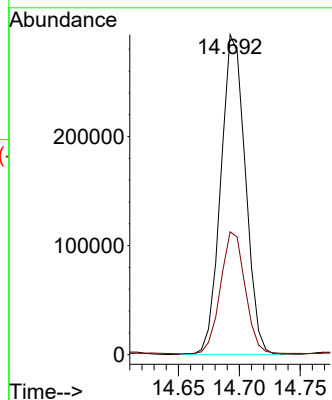
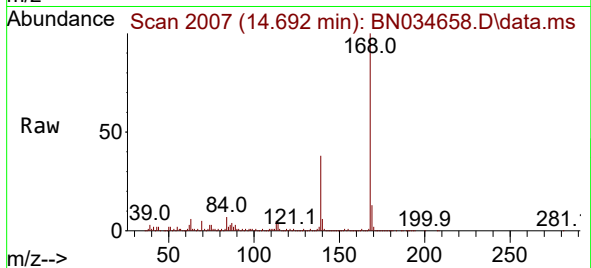
ClientSampleId :

Tgt Ion:168 Resp: 411923

Ion Ratio Lower Upper

168 100

139 38.4 29.7 44.5



#61

Fluorene

Concen: 7.692 ng/ul

RT: 15.345 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BN034658.D

Acq: 18 Oct 2024 20:33

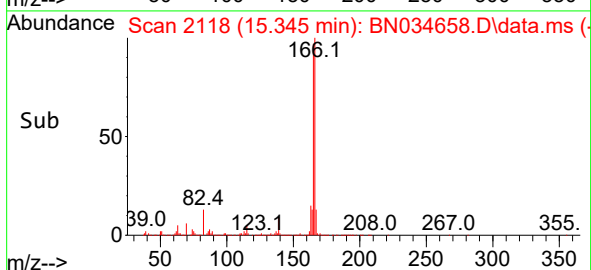
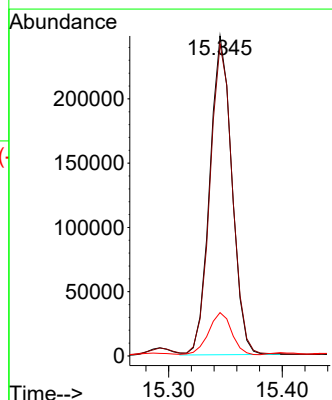
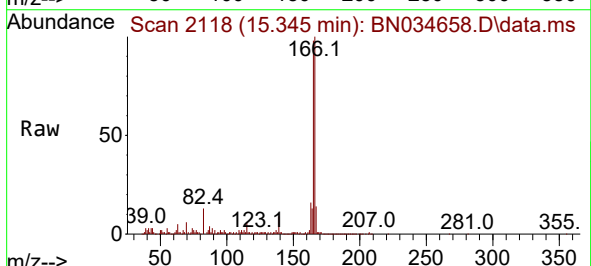
Tgt Ion:166 Resp: 335058

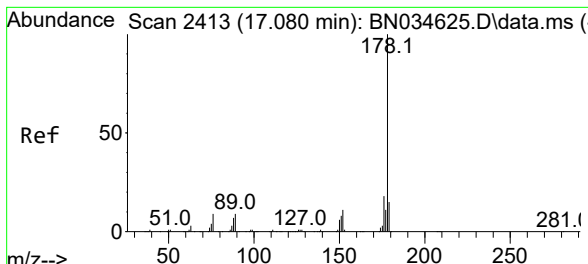
Ion Ratio Lower Upper

166 100

165 97.6 82.2 123.4

167 13.5 11.4 17.0



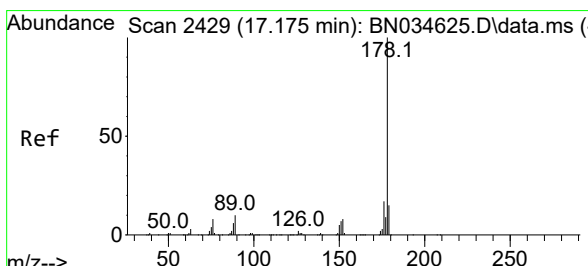
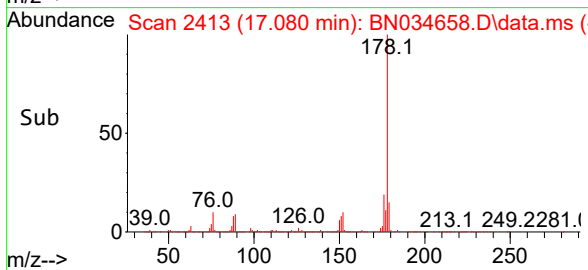
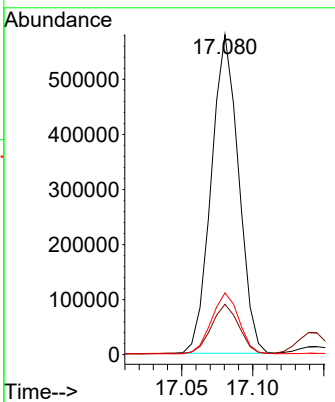
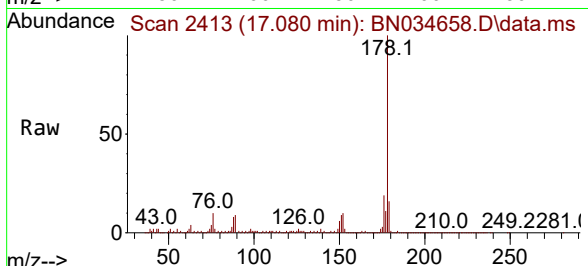


#72
 Phenanthrene
 Concen: 12.448 ng/ul
 RT: 17.080 min Scan# 2413
 Delta R.T. -0.006 min
 Lab File: BN034658.D
 Acq: 18 Oct 2024 20:33

Instrument : BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 773908

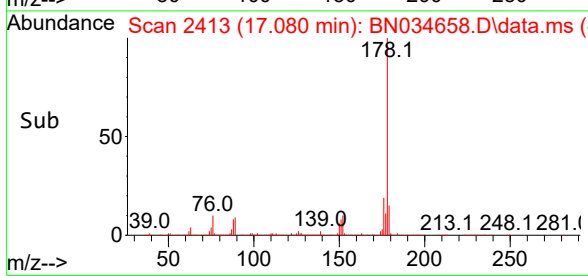
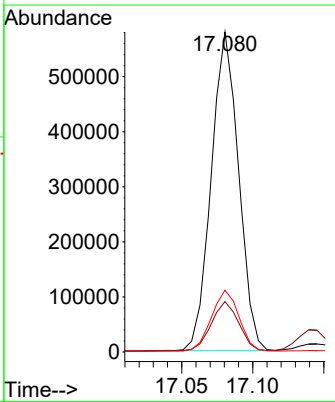
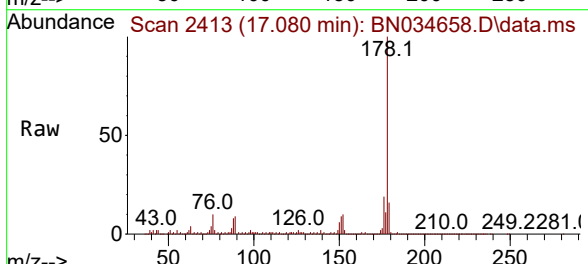
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.3	15.5	23.3

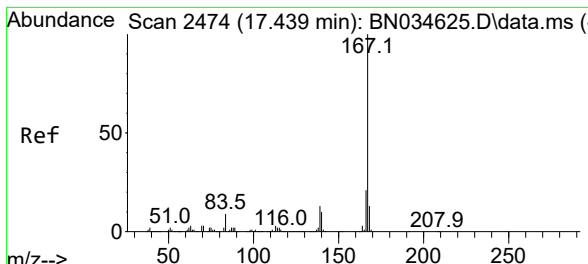


#74
 Anthracene
 Concen: 12.047 ng/ul
 RT: 17.080 min Scan# 2413
 Delta R.T. -0.094 min
 Lab File: BN034658.D
 Acq: 18 Oct 2024 20:33

Tgt Ion:178 Resp: 773908

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.3	14.7	22.1



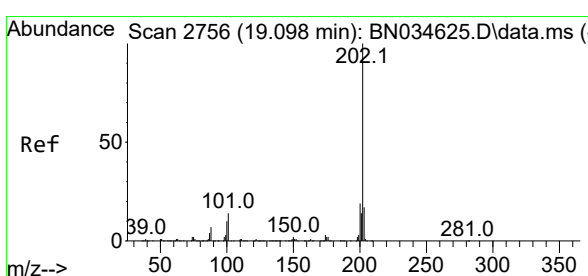
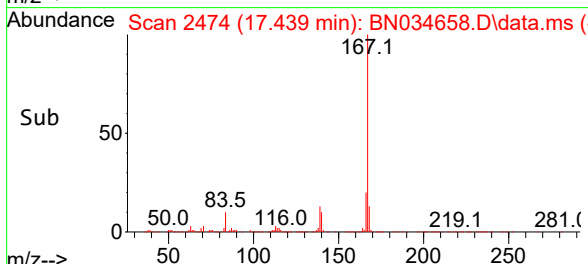
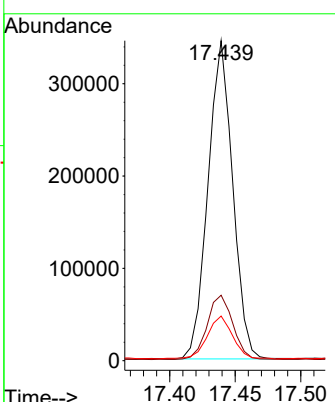
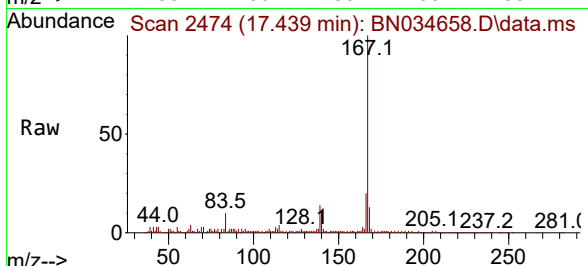


#77
 Carbazole
 Concen: 7.581 ng/ul
 RT: 17.439 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN034658.D
 Acq: 18 Oct 2024 20:33

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:167 Resp: 451000

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.2	25.8
139	13.9	10.6	16.0



#80
 Fluoranthene
 Concen: 1.616 ng/ul
 RT: 19.098 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN034658.D
 Acq: 18 Oct 2024 20:33

Tgt Ion:202 Resp: 116006

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.9	8.2	12.2

