

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034654.D
 Acq On : 18 Oct 2024 17:56
 Operator : RC/JU
 Sample : P4380-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E27J1

Quant Time: Oct 18 22:57:29 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

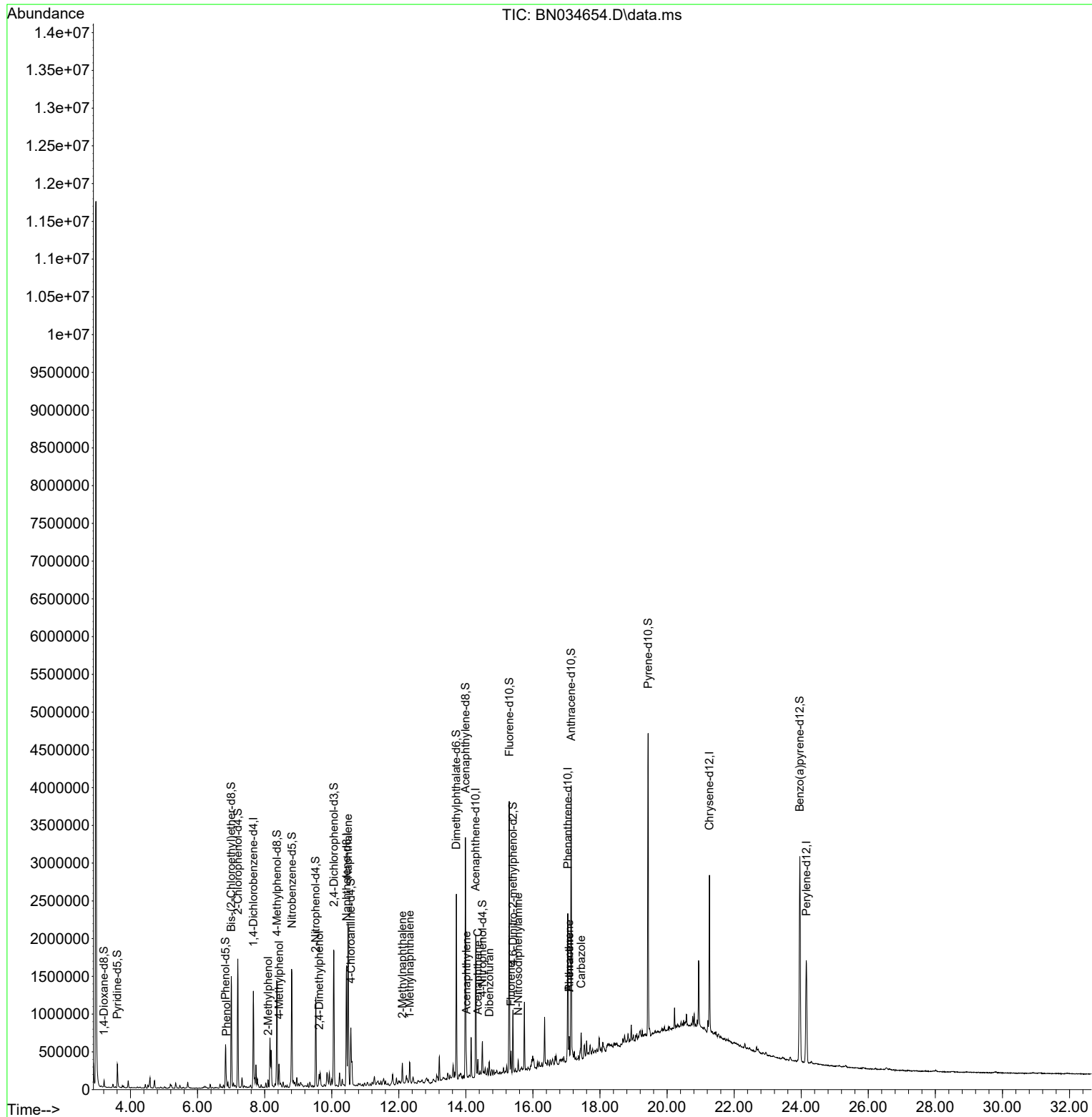
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	327469	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1260796	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.292	164	638555	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1050925	20.000	ng/u1	0.00
79) Chrysene-d12	21.262	240	952928	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1156667	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	40577	4.958	ng/uL	0.00
4) Pyridine-d5	3.605	84	152998	6.403	ng/u1	0.00
7) Phenol-d5	6.834	99	312230	11.618	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	620305	37.418	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	754051	36.322	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	505335	24.128	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	383501	43.709	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	378219	54.550	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	630371	39.446	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	415827	15.168	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1541718	38.164	ng/u1	0.00
49) Acenaphthylene-d8	13.986	160	2023797	40.332	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	84374	11.212	ng/u1	0.00
60) Fluorene-d10	15.292	176	1328637	38.026	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	138037	39.186	ng/u1	0.00
73) Anthracene-d10	17.139	188	1856702	41.329	ng/u1	0.00
81) Pyrene-d10	19.433	212	2036375	41.619	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.956	264	2377553	44.611	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	6.863	94	41647	1.484	ng/u1	98
13) 2-Methylphenol	8.104	108	33678	1.626	ng/u1	99
18) 4-Methylphenol	8.428	108	111064	4.945	ng/u1	99
26) 2,4-Dimethylphenol	9.622	107	50800	2.497	ng/u1	97
30) Naphthalene	10.487	128	1698630	26.803	ng/u1	99
36) 2-Methylnaphthalene	12.104	142	130577	3.129	ng/u1	91
37) 1-Methylnaphthalene	12.328	142	131738	3.101	ng/u1	94
50) Acenaphthylene	14.016	152	137454	2.528	ng/u1	96
52) Acenaphthene	14.357	153	85876	2.273	ng/u1	94
56) Dibenzofuran	14.698	168	91477	1.822	ng/u1	95
61) Fluorene	15.345	166	105924	2.619	ng/u1	94
67) N-Nitrosodiphenylamine	15.557	169	54869	1.853	ng/u1	96
72) Phenanthrene	17.080	178	182309	3.476	ng/u1	98
74) Anthracene	17.080	178	183253	3.381	ng/u1	98
77) Carbazole	17.439	167	204068	4.066	ng/u1	99

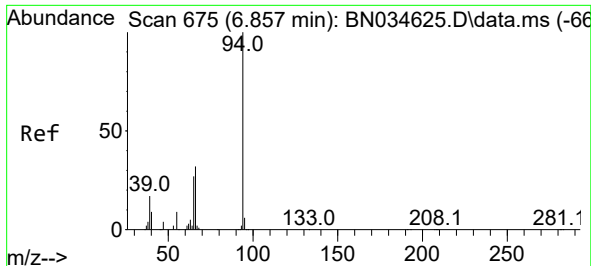
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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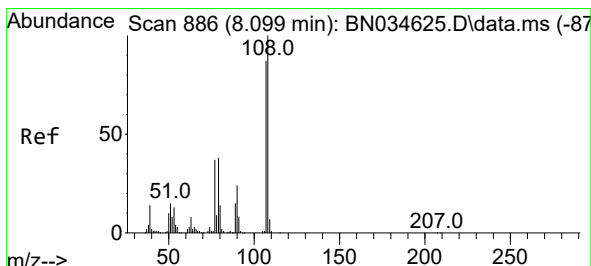
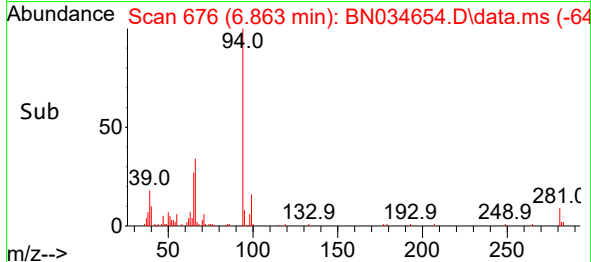
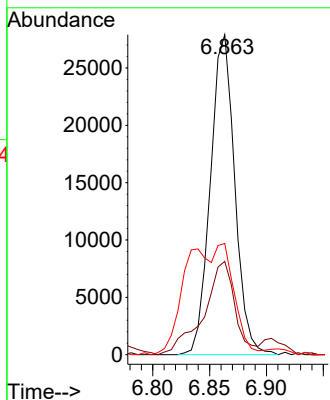
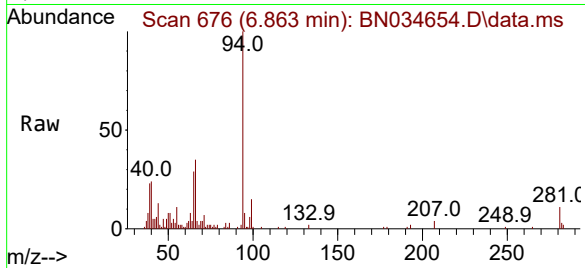




#8
Phenol
Concen: 1.484 ng/ul
RT: 6.863 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

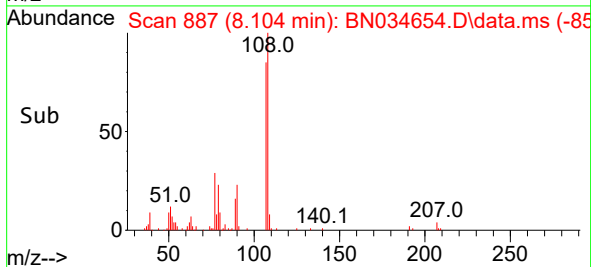
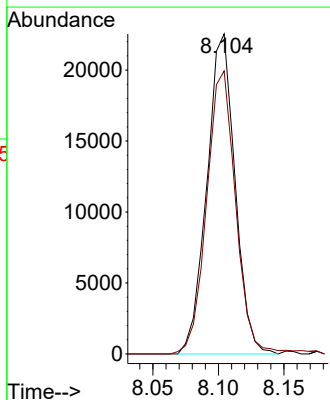
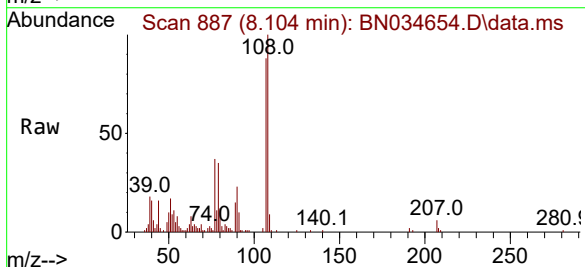
Instrument :
BNA_N
ClientSampleId :
E27J1

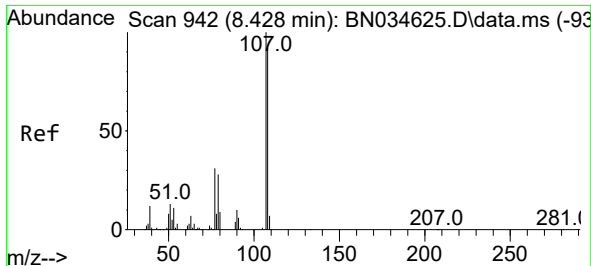
Tgt Ion: 94 Resp: 41647
Ion Ratio Lower Upper
94 100
65 29.1 22.2 33.4
66 34.7 27.4 41.0



#13
2-Methylphenol
Concen: 1.626 ng/ul
RT: 8.104 min Scan# 887
Delta R.T. 0.006 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

Tgt Ion: 108 Resp: 33678
Ion Ratio Lower Upper
108 100
107 88.5 70.1 105.1

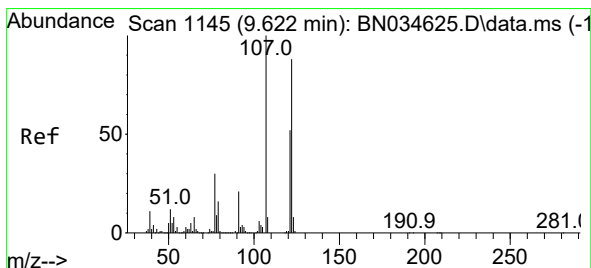
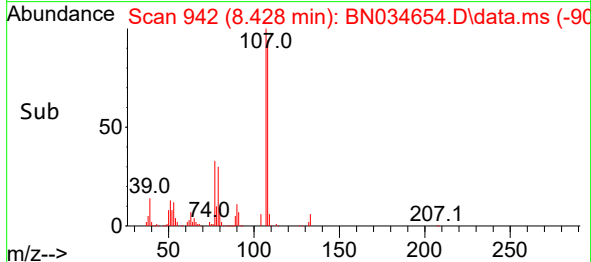
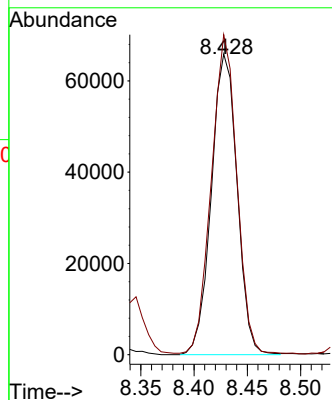
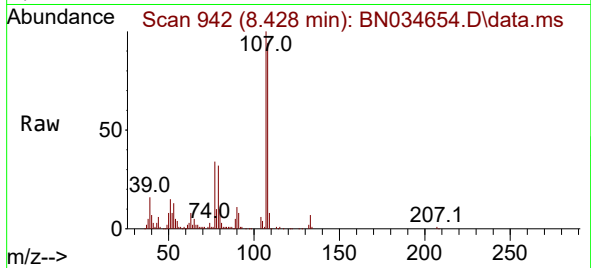




#18
4-Methylphenol
Concen: 4.945 ng/ul
RT: 8.428 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

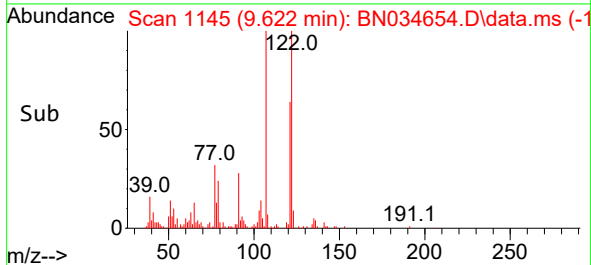
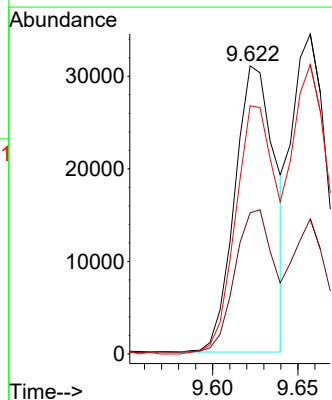
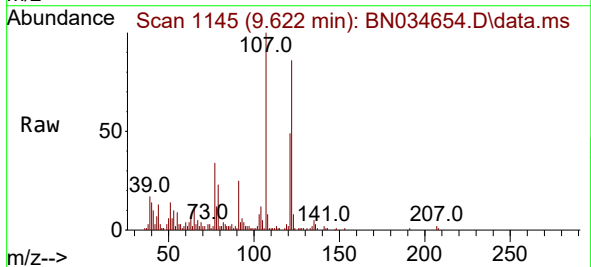
Instrument :
BNA_N
ClientSampleId :
E27J1

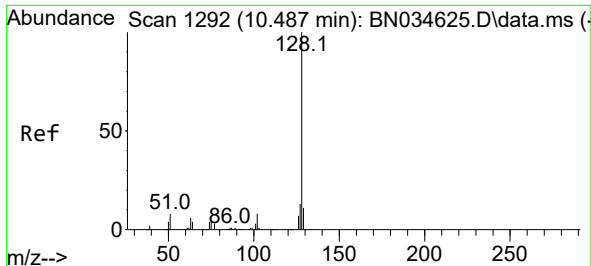
Tgt Ion:108 Resp: 111064
Ion Ratio Lower Upper
108 100
107 106.4 85.8 128.6



#26
2,4-Dimethylphenol
Concen: 2.497 ng/ul
RT: 9.622 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

Tgt Ion:107 Resp: 50800
Ion Ratio Lower Upper
107 100
121 48.9 41.8 62.6
122 86.1 70.2 105.2

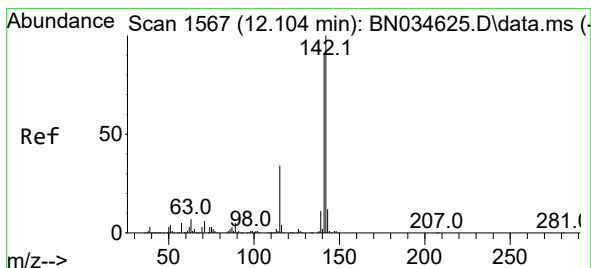
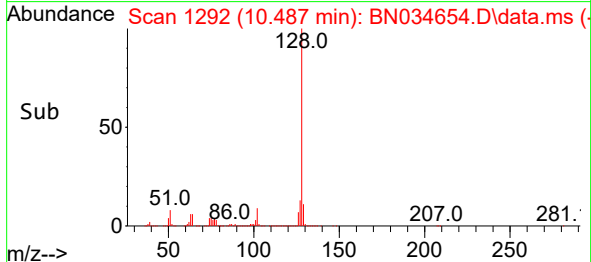
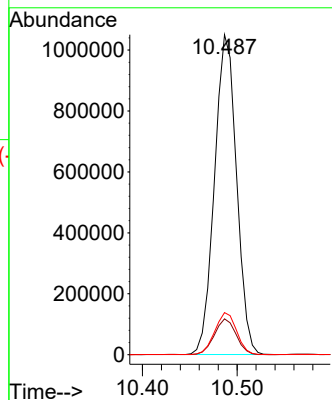
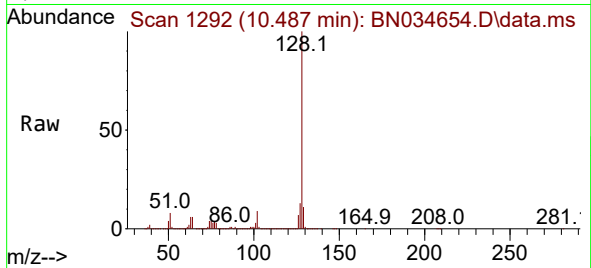




#30
Naphthalene
Concen: 26.803 ng/ul
RT: 10.487 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

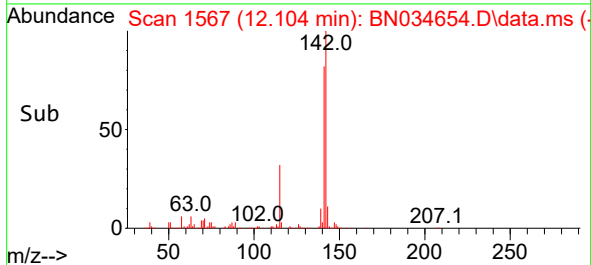
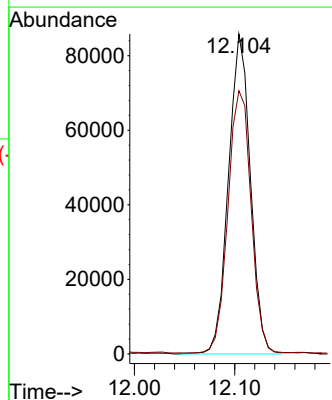
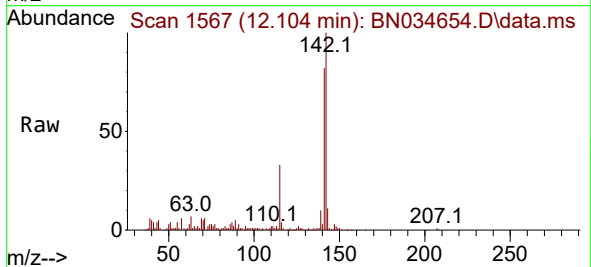
Instrument :
BNA_N
ClientSampleId :
E27J1

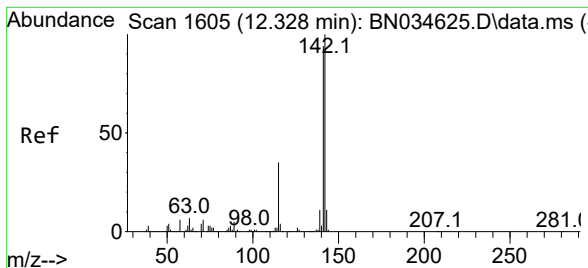
Tgt Ion:128 Resp: 1698630
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.4
127 13.2 10.3 15.5



#36
2-Methylnaphthalene
Concen: 3.129 ng/ul
RT: 12.104 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

Tgt Ion:142 Resp: 130577
Ion Ratio Lower Upper
142 100
141 82.3 72.3 108.5





#37

1-Methylnaphthalene

Concen: 3.101 ng/ul

RT: 12.328 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN034654.D

Acq: 18 Oct 2024 17:56

Instrument :

BNA_N

ClientSampleId :

E27J1

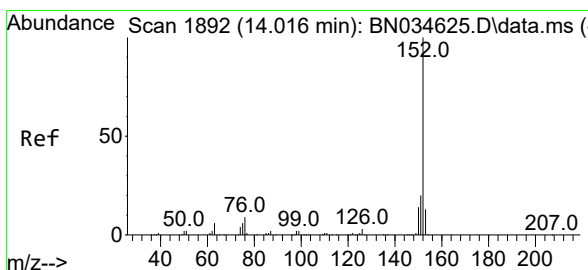
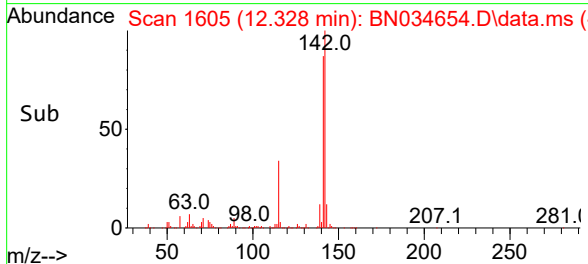
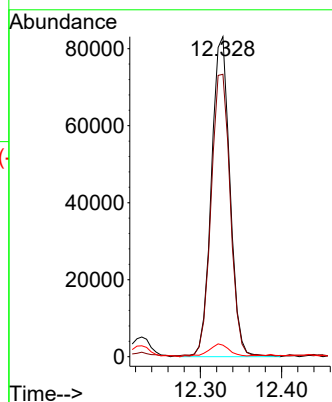
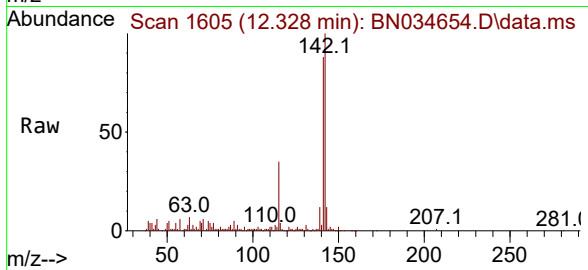
Tgt Ion:142 Resp: 131738

Ion Ratio Lower Upper

142 100

141 88.3 75.4 113.0

116 3.6 2.8 4.2



#50

Acenaphthylene

Concen: 2.528 ng/ul

RT: 14.016 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BN034654.D

Acq: 18 Oct 2024 17:56

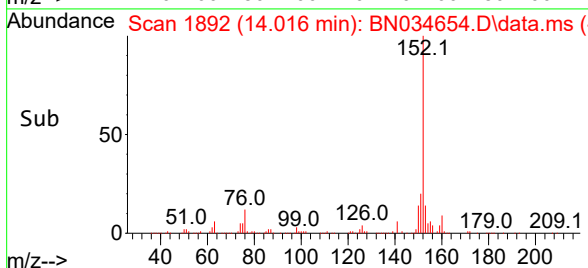
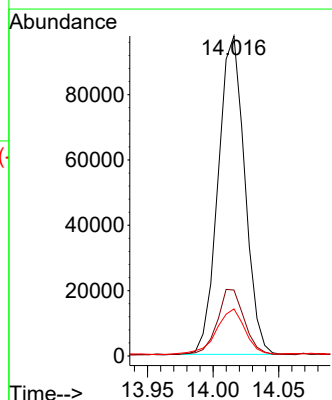
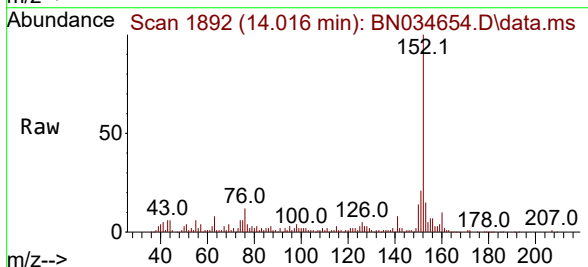
Tgt Ion:152 Resp: 137454

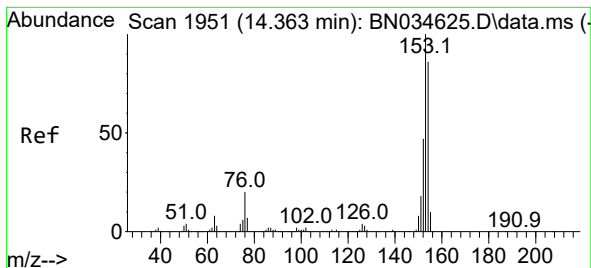
Ion Ratio Lower Upper

152 100

151 20.6 15.3 22.9

153 14.7 9.9 14.9





#52

Acenaphthene

Concen: 2.273 ng/ul

RT: 14.357 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BN034654.D

Acq: 18 Oct 2024 17:56

Instrument :

BNA_N

ClientSampleId :

E27J1

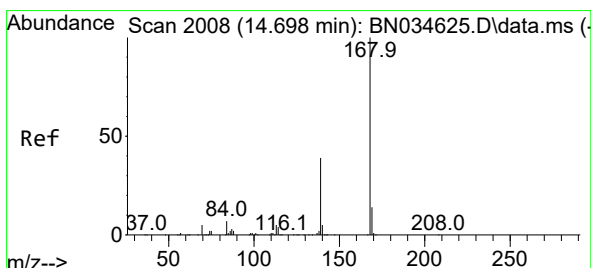
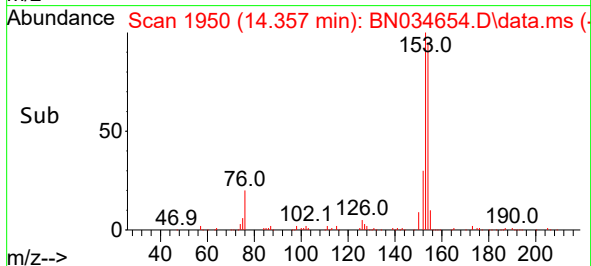
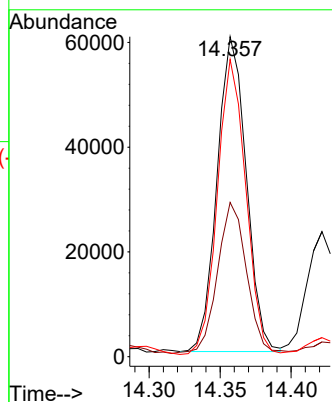
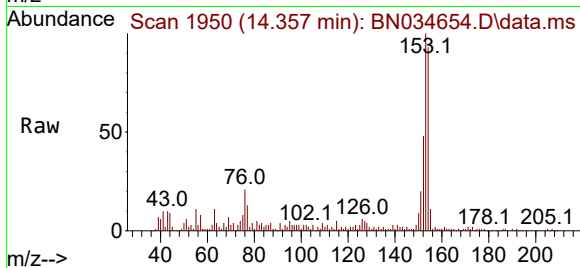
Tgt Ion:153 Resp: 85876

Ion Ratio Lower Upper

153 100

152 48.2 36.5 54.7

154 92.9 69.3 103.9



#56

Dibenzofuran

Concen: 1.822 ng/ul

RT: 14.698 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BN034654.D

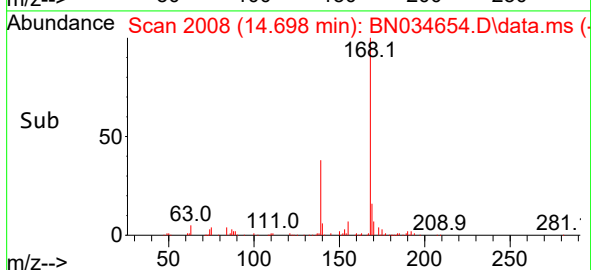
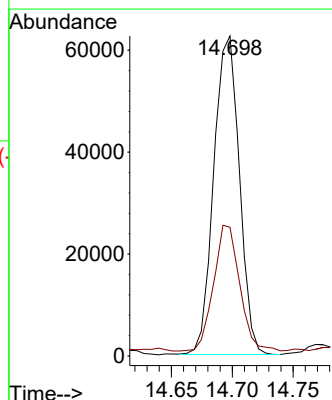
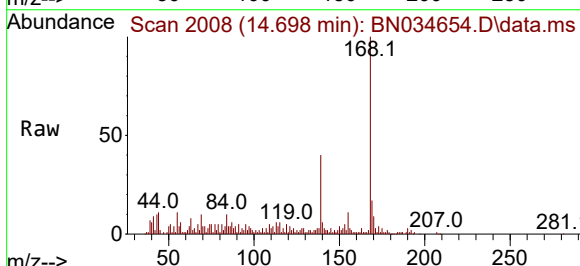
Acq: 18 Oct 2024 17:56

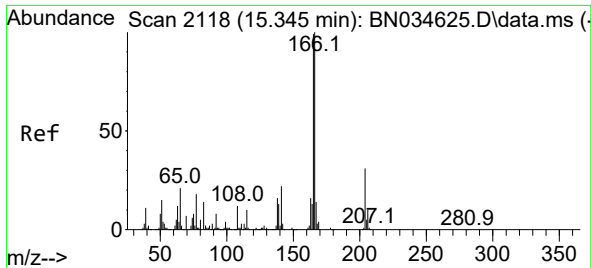
Tgt Ion:168 Resp: 91477

Ion Ratio Lower Upper

168 100

139 40.2 29.7 44.5

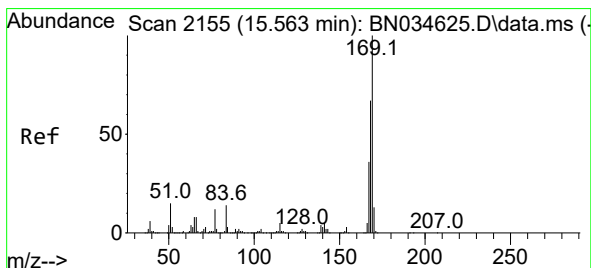
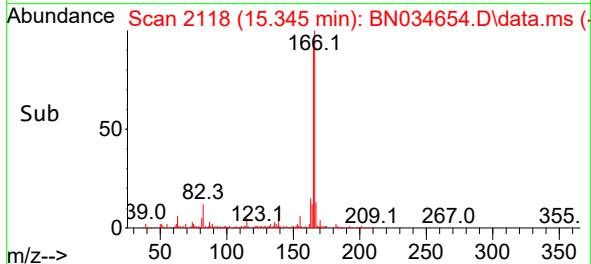
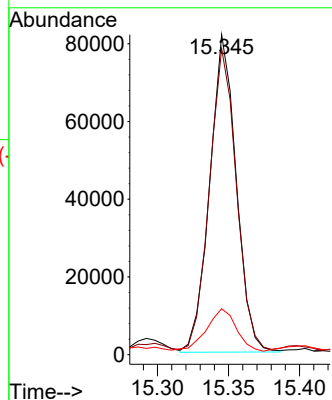
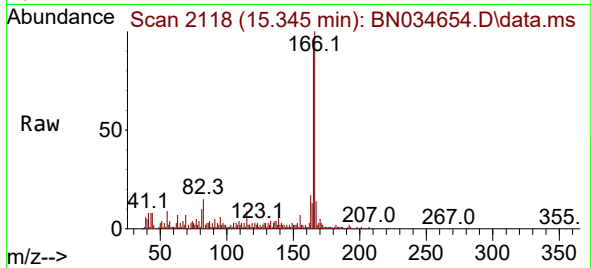




#61
Fluorene
Concen: 2.619 ng/ul
RT: 15.345 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

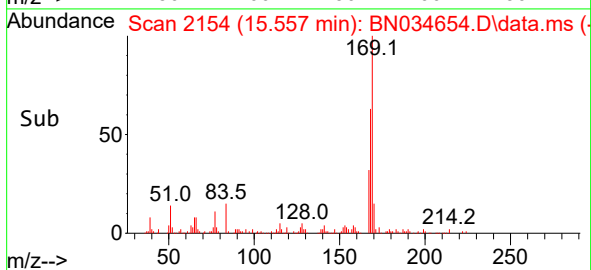
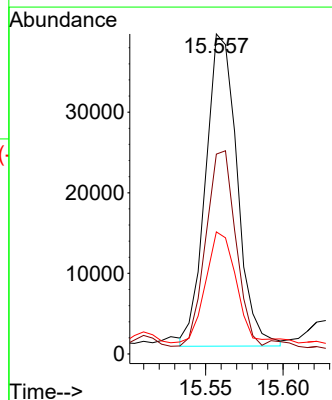
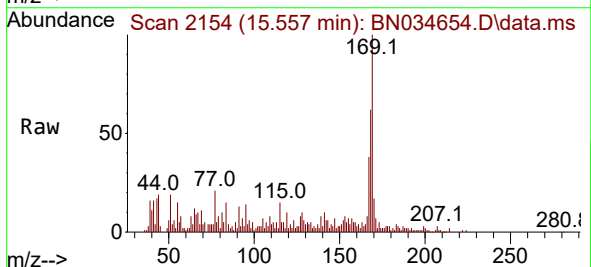
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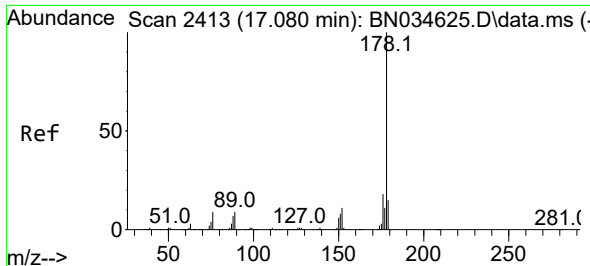
Tgt Ion:166 Resp: 105924
Ion Ratio Lower Upper
166 100
165 95.7 82.2 123.4
167 14.4 11.4 17.0



#67
N-Nitrosodiphenylamine
Concen: 1.853 ng/ul
RT: 15.557 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

Tgt Ion:169 Resp: 54869
Ion Ratio Lower Upper
169 100
168 62.4 52.4 78.6
167 38.2 28.3 42.5

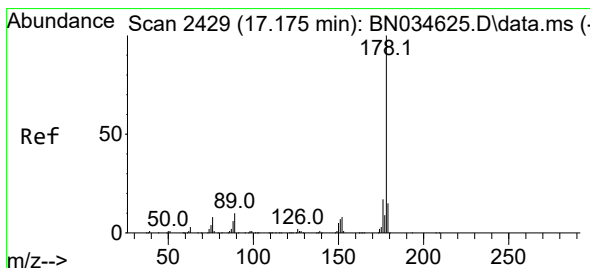
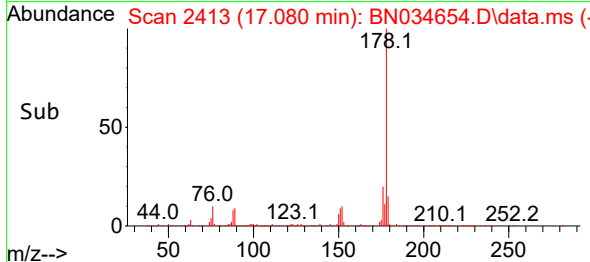
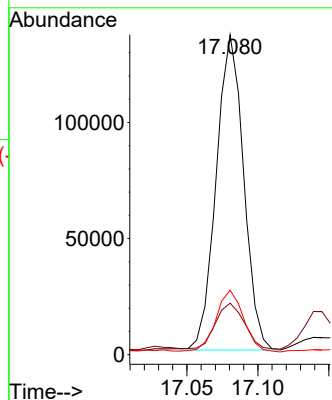
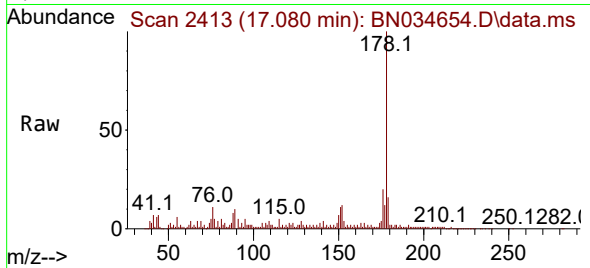




#72
Phenanthrene
Concen: 3.476 ng/ul
RT: 17.080 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

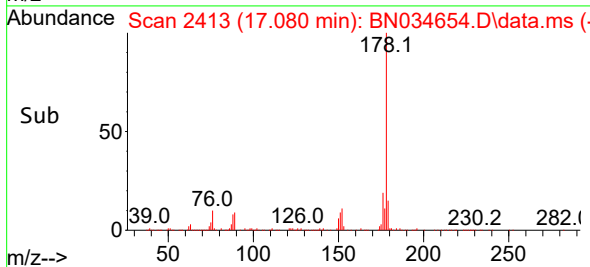
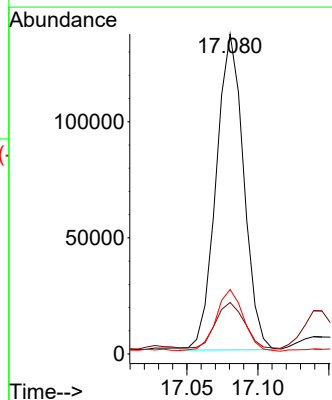
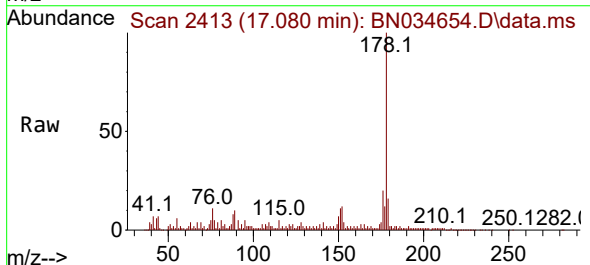
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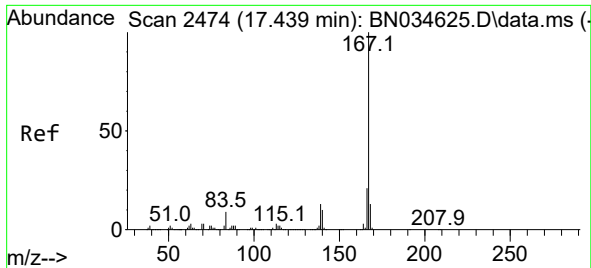
Tgt Ion:178 Resp: 182309
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 20.2 15.5 23.3



#74
Anthracene
Concen: 3.381 ng/ul
RT: 17.080 min Scan# 2413
Delta R.T. -0.094 min
Lab File: BN034654.D
Acq: 18 Oct 2024 17:56

Tgt Ion:178 Resp: 183253
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.2 14.7 22.1





#77

Carbazole

Concen: 4.066 ng/ul

RT: 17.439 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN034654.D

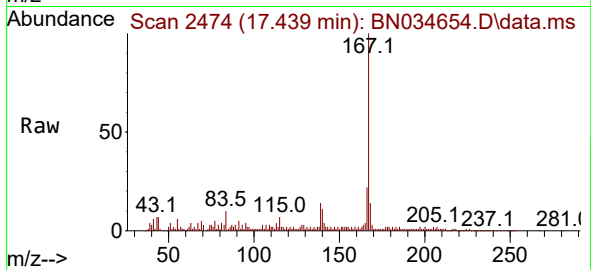
Acq: 18 Oct 2024 17:56

Instrument :

BNA_N

ClientSampleId :

E27J1



Tgt Ion:167 Resp: 204068

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 14.4 10.6 16.0

