

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033846.D
 Acq On : 10 Sep 2024 18:01
 Operator : JU/RC
 Sample : SSTD01081
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010218

Quant Time: Sep 11 01:34:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:28:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	180357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	771977	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.139	164	509020	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	1080130	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	1090538	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1280875	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	19467	4.404	ng/uL	0.00
4) Pyridine-d5	3.505	84	138178	10.301	ng/u1	0.00
7) Phenol-d5	6.693	99	164607	9.951	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.852	67	108697	10.247	ng/u1	0.00
11) 2-Chlorophenol-d4	7.040	132	133082	10.671	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	133897	9.788	ng/u1	0.00
21) Nitrobenzene-d5	8.640	128	64271	10.939	ng/u1	0.00
24) 2-Nitrophenol-d4	9.351	143	64778	12.521	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	127806	11.096	ng/u1	0.00
31) 4-Chloroaniline-d4	10.404	131	193008	10.052	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	411977	10.635	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	464954	10.720	ng/u1	0.00
54) 4-Nitrophenol-d4	14.357	143	78424	10.477	ng/u1	0.00
60) Fluorene-d10	15.139	176	353833	10.650	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	54750	10.762	ng/u1	0.00
73) Anthracene-d10	16.992	188	556474	10.866	ng/u1	0.00
81) Pyrene-d10	19.298	212	654612	10.870	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	718126	10.783	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	20599	4.441	ng/uL	98
5) Pyridine	3.522	79	142478	10.332	ng/u1	98
6) Benzaldehyde	6.657	77	101359	11.792	ng/u1	95
8) Phenol	6.716	94	173856	10.001	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.940	93	138615	10.014	ng/u1	98
12) 2-Chlorophenol	7.069	128	137267	10.551	ng/u1	100
13) 2-Methylphenol	7.946	108	128385	9.762	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.022	45	211140	9.396	ng/u1	98
16) Acetophenone	8.310	105	224981	10.127	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.304	70	113283	9.979	ng/u1	96
18) 4-Methylphenol	8.269	108	144309	9.803	ng/u1	98
19) Hexachloroethane	8.557	117	57660	10.606	ng/u1	97
22) Nitrobenzene	8.681	77	169489	11.472	ng/u1	100
23) Isophorone	9.210	82	309650	10.329	ng/u1	100
25) 2-Nitrophenol	9.387	139	74410	12.325	ng/u1	99
26) 2,4-Dimethylphenol	9.457	107	159754	11.179	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.693	93	190950	10.285	ng/u1	97
29) 2,4-Dichlorophenol	9.916	162	130487	10.954	ng/u1	99
30) Naphthalene	10.310	128	464217	10.785	ng/u1	99
32) 4-Chloroaniline	10.422	127	195012	10.385	ng/u1	97
33) Hexachlorobutadiene	10.598	225	85155	11.436	ng/u1	93
34) Caprolactam	11.198	113	44565	9.368	ng/u1	98
35) 4-Chloro-3-methylphenol	11.563	107	152658	11.140	ng/u1	97
36) 2-Methylnaphthalene	11.928	142	320236	10.571	ng/u1	97

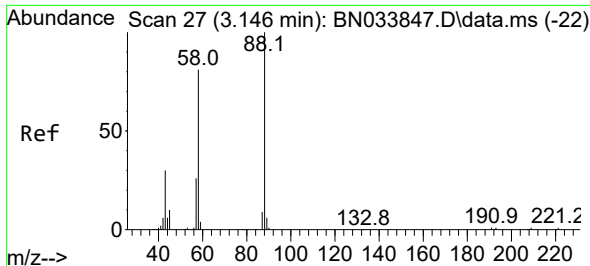
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	324524	10.599	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.310	216	160964	11.044	ng/ul	99
40) Hexachlorocyclopentadiene	12.292	237	83995	10.400	ng/ul	97
41) 2,4,6-Trichlorophenol	12.557	196	102416	11.453	ng/ul	95
42) 2,4,5-Trichlorophenol	12.628	196	113781	11.298	ng/ul	99
43) 1,1'-Biphenyl	12.963	154	425408	11.081	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	329405	11.069	ng/ul	97
45) 2-Nitroaniline	13.216	65	102856	12.030	ng/ul	97
47) Dimethylphthalate	13.610	163	426223	10.961	ng/ul	100
48) 2,6-Dinitrotoluene	13.722	165	79143	11.198	ng/ul	96
50) Acenaphthylene	13.857	152	510274	10.774	ng/ul	99
51) 3-Nitroaniline	14.051	138	86726	10.836	ng/ul	99
52) Acenaphthene	14.204	153	366256	10.944	ng/ul	97
53) 2,4-Dinitrophenol	14.257	184	34573	9.903	ng/ul	95
55) 4-Nitrophenol	14.375	109	71041	12.118	ng/ul	95
56) Dibenzofuran	14.545	168	501299	10.728	ng/ul	99
57) 2,4-Dinitrotoluene	14.516	165	120618	11.356	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.775	232	92607	11.315	ng/ul	93
59) Diethylphthalate	14.992	149	441899	10.893	ng/ul	98
61) Fluorene	15.198	166	411670	10.704	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.204	204	198234	10.743	ng/ul	96
63) 4-Nitroaniline	15.222	138	92494	11.229	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.281	198	64832	11.277	ng/ul#	96
67) N-Nitrosodiphenylamine	15.416	169	356638	10.980	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	118720	10.768	ng/ul	95
69) Hexachlorobenzene	16.204	284	139575	11.057	ng/ul	98
70) Atrazine	16.381	200	129453	10.712	ng/ul	99
71) Pentachlorophenol	16.551	266	82220	10.354	ng/ul	94
72) Phenanthrene	16.933	178	651862	10.793	ng/ul	100
74) Anthracene	17.028	178	669465	10.880	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	166587	11.439	ng/uL	96
76) Pentachlorobenzene	14.463	250	168896	11.270	ng/uL	95
77) Carbazole	17.304	167	628428	11.078	ng/ul	99
78) Di-n-butylphthalate	17.886	149	772245	10.900	ng/ul	100
80) Fluoranthene	18.963	202	778234	11.052	ng/ul	99
82) Pyrene	19.327	202	841774	11.030	ng/ul	98
83) Butylbenzylphthalate	20.263	149	361838	11.832	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.051	252	260541	10.480	ng/ul	99
85) Benzo(a)anthracene	21.116	228	853894	10.881	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.074	149	547079	11.027	ng/ul	99
87) Chrysene	21.168	228	806370	10.926	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	887704	10.760	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	858129	10.776	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	853719	10.799	ng/ul	99
93) Benzo(a)pyrene	23.786	252	804658	10.663	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.998	276	972973	10.389	ng/ul	98
95) Dibenzo(a,h)anthracene	27.051	278	798972	10.418	ng/ul	98
96) Benzo(g,h,i)perylene	27.956	276	755839	10.502	ng/ul	98

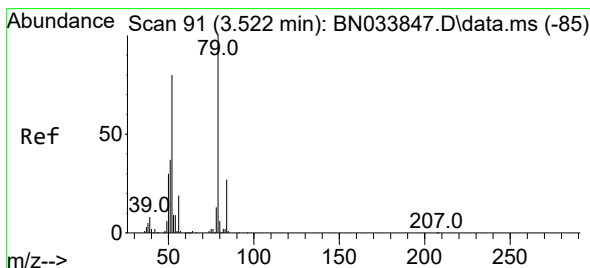
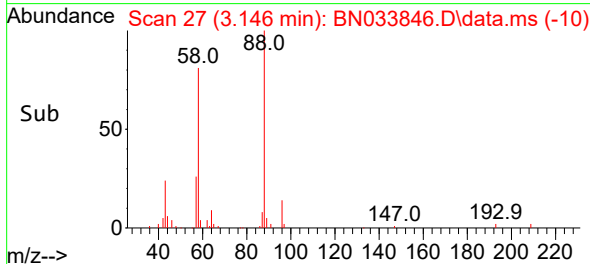
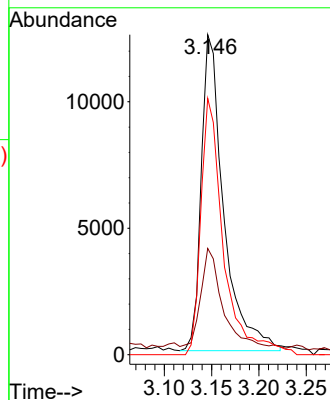
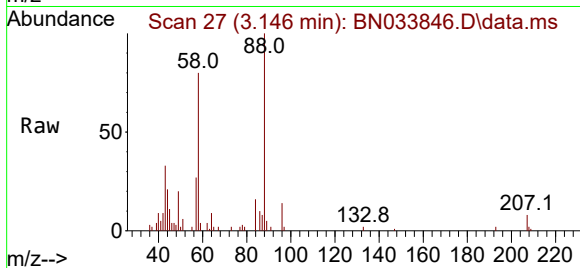
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#2
1,4-Dioxane
Concen: 4.441 ng/uL
RT: 3.146 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033846.D
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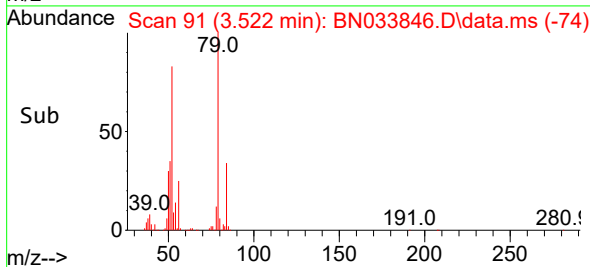
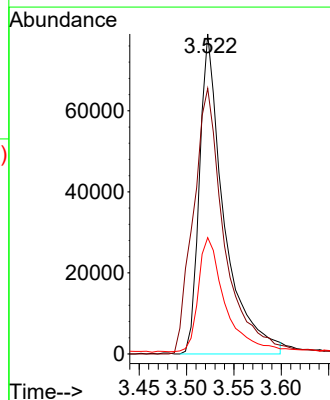
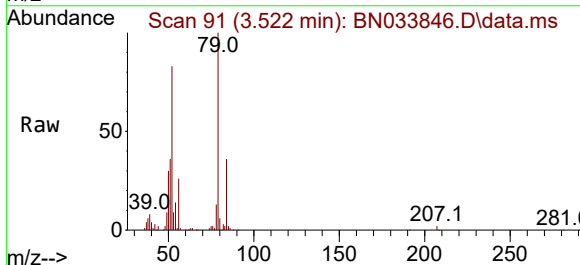
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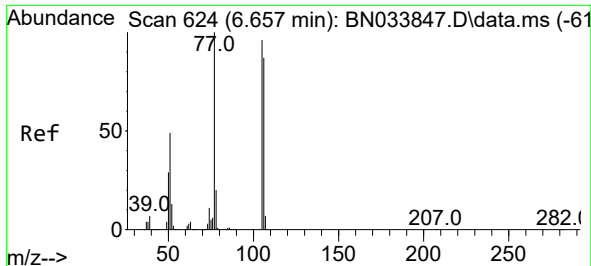
Tgt Ion: 88 Resp: 20599
Ion Ratio Lower Upper
88 100
43 33.2 24.7 37.1
58 80.1 64.6 96.8



#5
Pyridine
Concen: 10.332 ng/uL
RT: 3.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion: 79 Resp: 142478
Ion Ratio Lower Upper
79 100
52 83.0 65.2 97.8
51 36.4 29.7 44.5

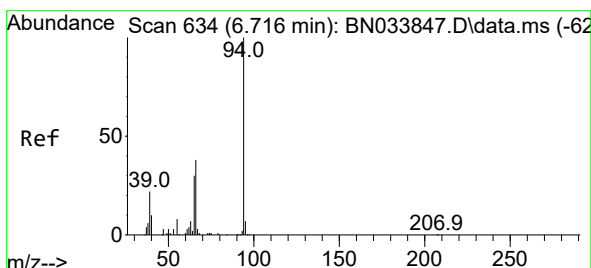
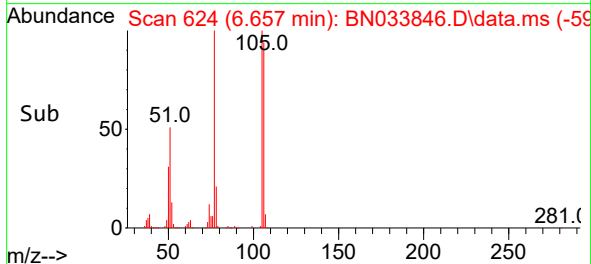
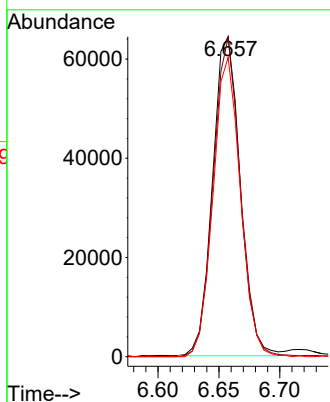
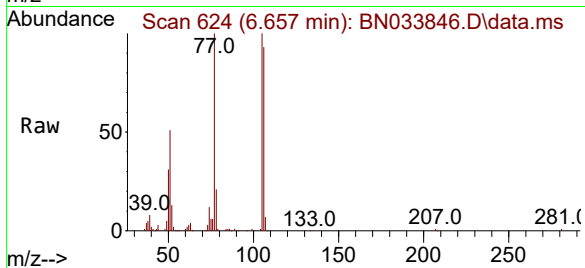




#6
Benzaldehyde
Concen: 11.792 ng/ul
RT: 6.657 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

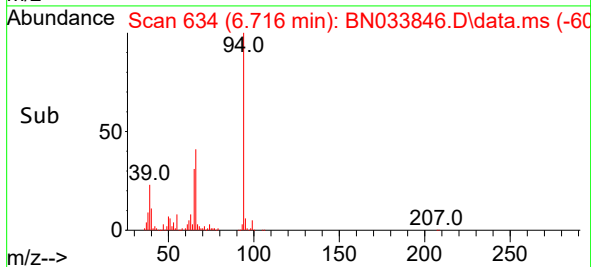
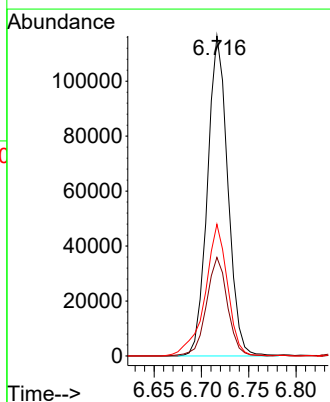
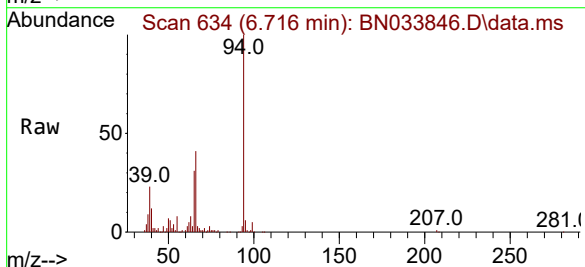
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BNA_N
ClientSampleId :
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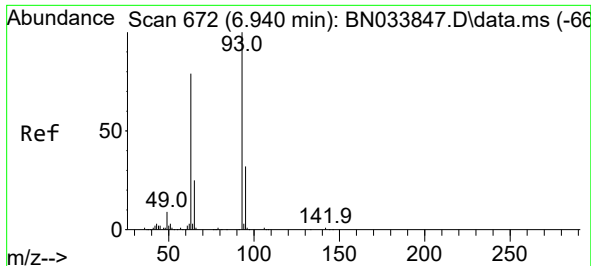
Tgt Ion: 77 Resp: 101359
Ion Ratio Lower Upper
77 100
105 99.7 76.4 114.6
106 93.5 69.8 104.6



#8
Phenol
Concen: 10.001 ng/ul
RT: 6.716 min Scan# 634
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion: 94 Resp: 173856
Ion Ratio Lower Upper
94 100
65 30.8 24.3 36.5
66 41.1 31.8 47.6





#10

Bis(2-Chloroethyl)ether

Concen: 10.014 ng/ul

RT: 6.940 min Scan# 672

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

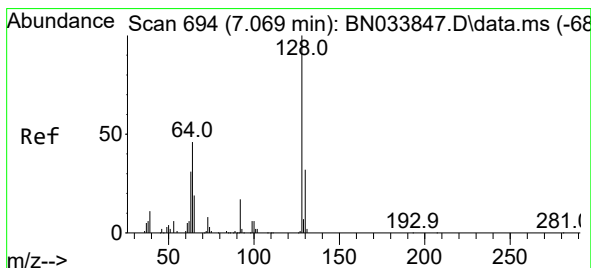
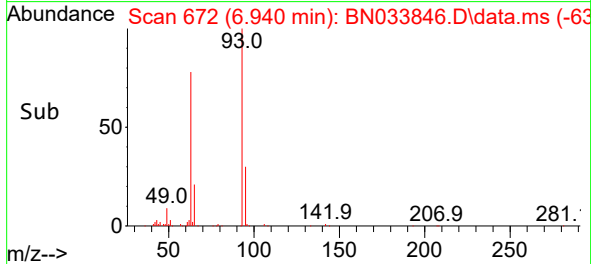
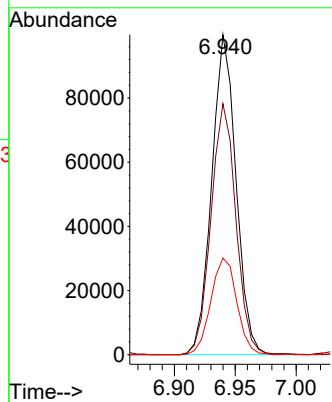
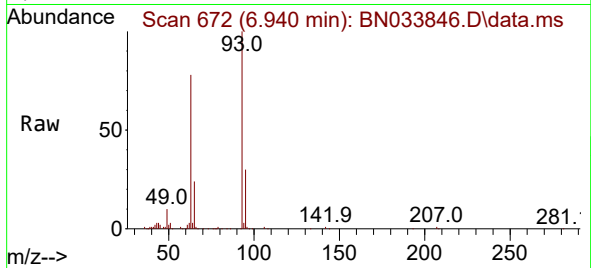
Tgt Ion: 93 Resp: 138615

Ion Ratio Lower Upper

93 100

63 78.5 63.6 95.4

95 30.2 25.7 38.5



#12

2-Chlorophenol

Concen: 10.551 ng/ul

RT: 7.069 min Scan# 694

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

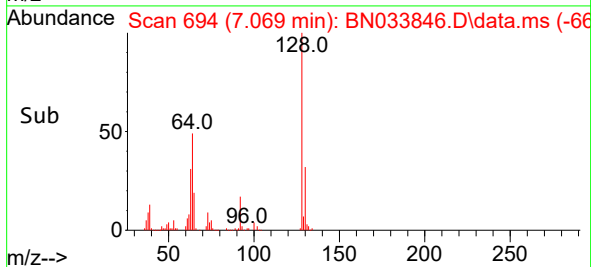
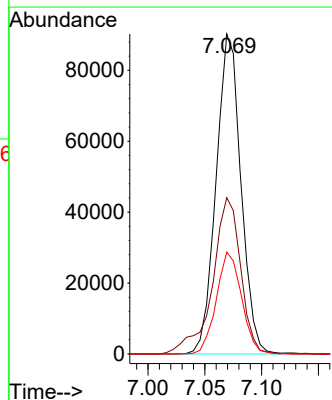
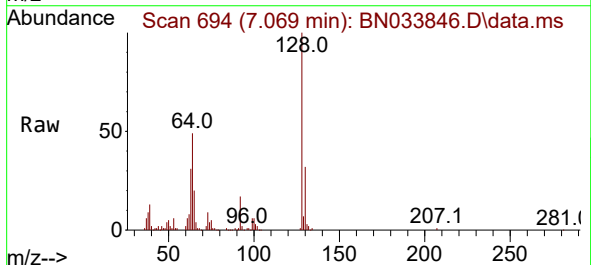
Tgt Ion:128 Resp: 137267

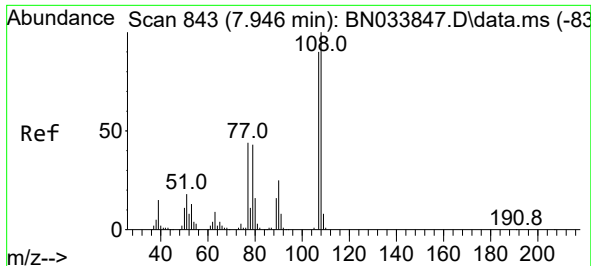
Ion Ratio Lower Upper

128 100

64 48.9 39.1 58.7

130 31.9 25.8 38.6

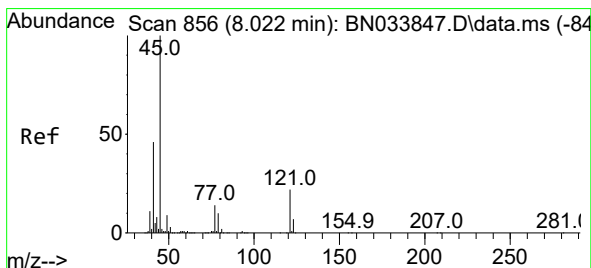
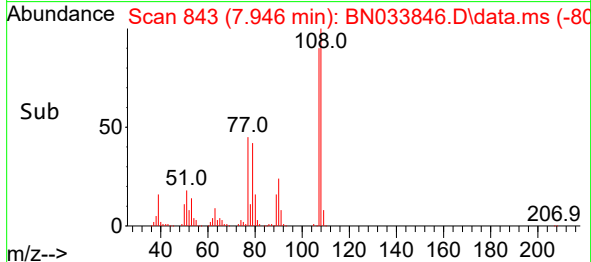
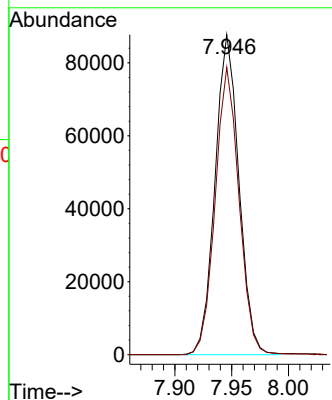
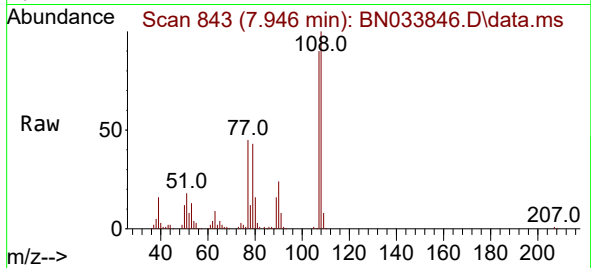




#13
2-Methylphenol
Concen: 9.762 ng/ul
RT: 7.946 min Scan# 843
Delta R.T. -0.000 min
Lab File: BN033846.D
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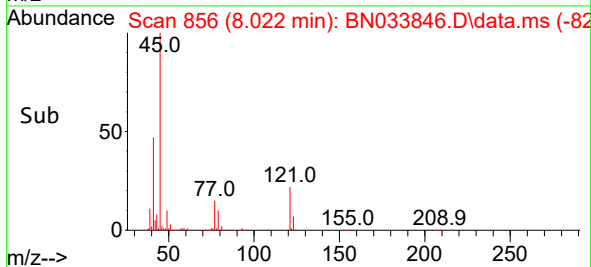
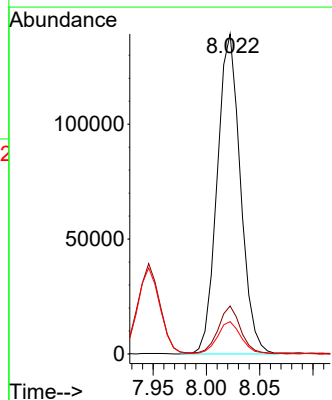
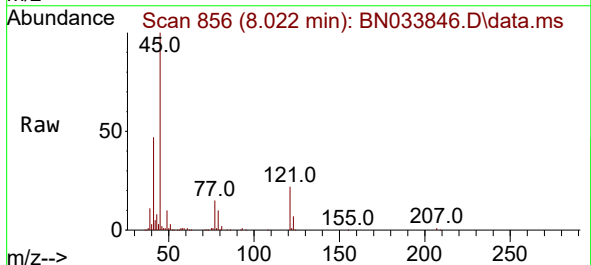
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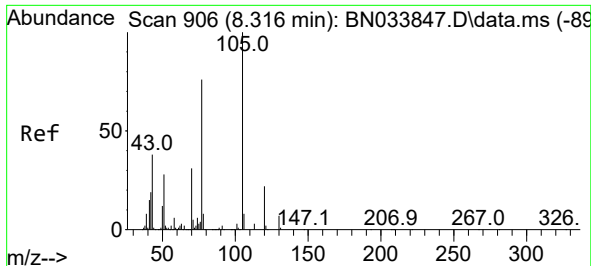
Tgt Ion:108 Resp: 128385
Ion Ratio Lower Upper
108 100
107 89.8 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 9.396 ng/ul
RT: 8.022 min Scan# 856
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion: 45 Resp: 211140
Ion Ratio Lower Upper
45 100
77 15.0 11.0 16.6
79 10.1 7.8 11.8

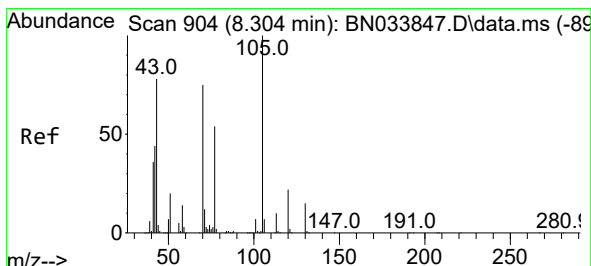
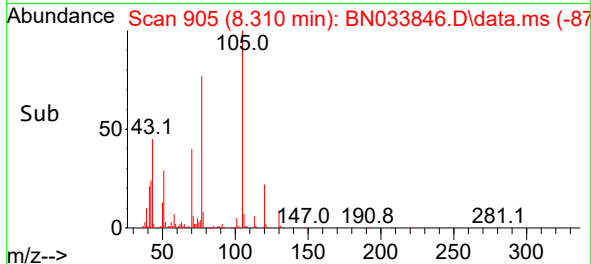
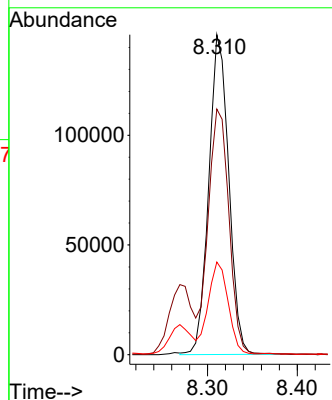
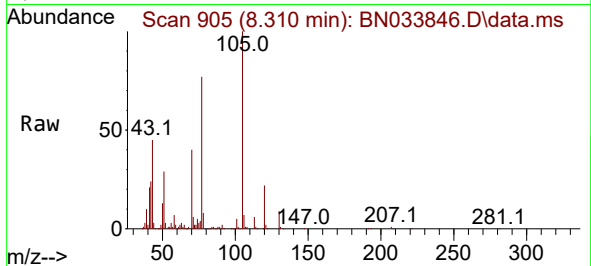




#16
Acetophenone
Concen: 10.127 ng/ul
RT: 8.310 min Scan# 906
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

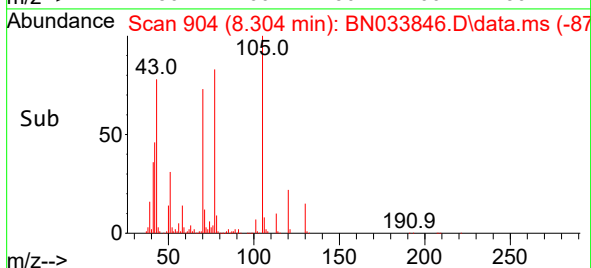
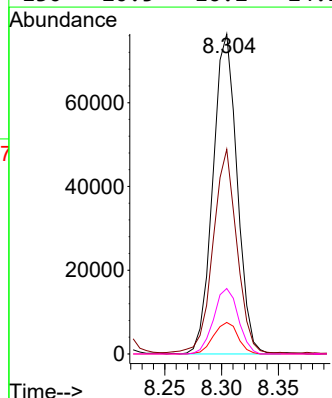
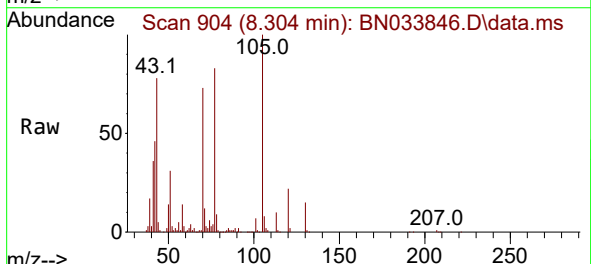
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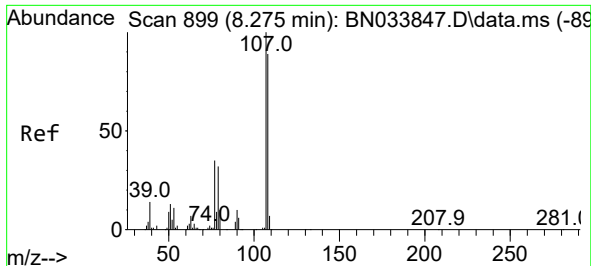
Tgt Ion:105 Resp: 224981
Ion Ratio Lower Upper
105 100
77 76.8 61.1 91.7
51 28.9 22.6 33.8



#17
N-Nitroso-di-n-propylamine
Concen: 9.979 ng/ul
RT: 8.304 min Scan# 904
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion: 70 Resp: 113283
Ion Ratio Lower Upper
70 100
42 64.0 47.9 71.9
101 9.9 7.5 11.3
130 20.5 16.2 24.2

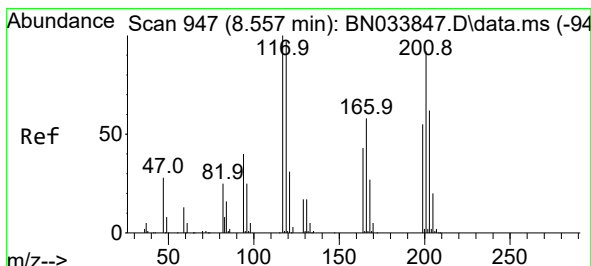
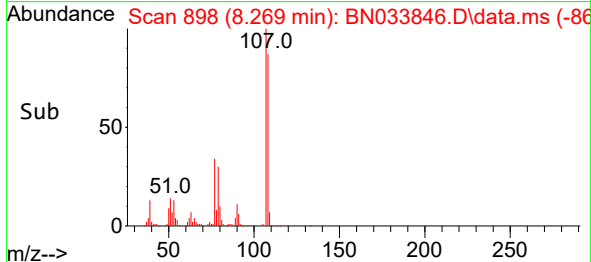
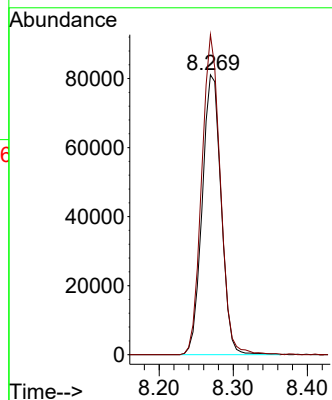
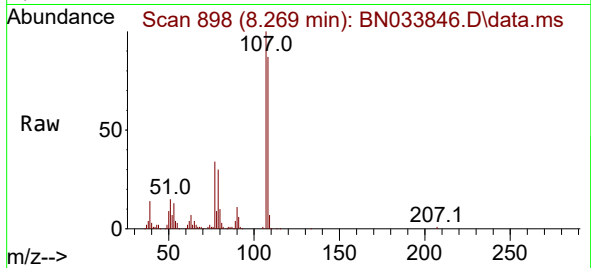




#18
4-Methylphenol
Concen: 9.803 ng/ul
RT: 8.269 min Scan# 899
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

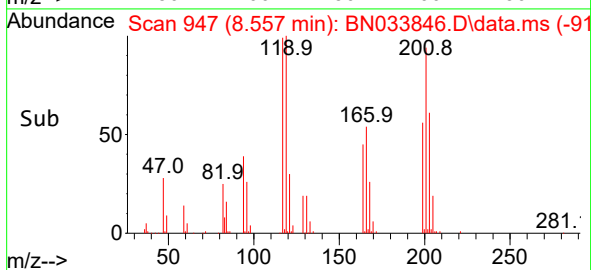
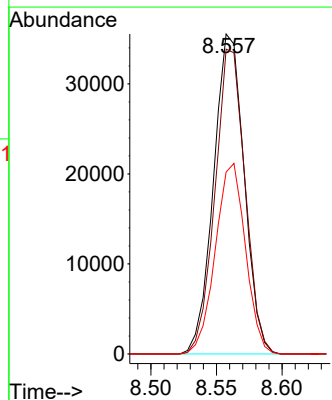
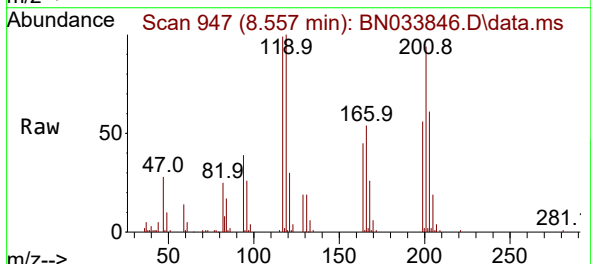
Instrument :
BNA_N
ClientSampleId :
SSTD010218

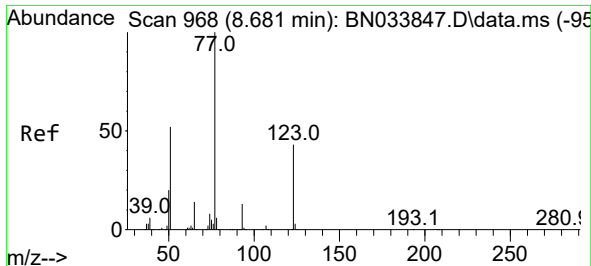
Tgt Ion:108 Resp: 144309
Ion Ratio Lower Upper
108 100
107 114.4 89.4 134.2



#19
Hexachloroethane
Concen: 10.606 ng/ul
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:117 Resp: 57660
Ion Ratio Lower Upper
117 100
201 95.3 73.9 110.9
199 56.8 44.0 66.0

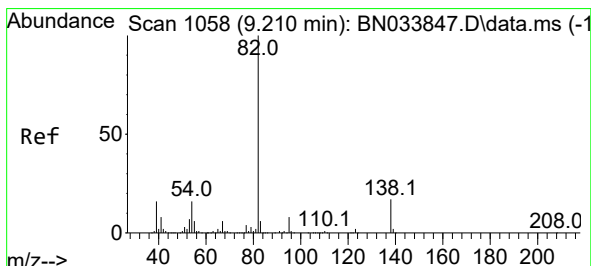
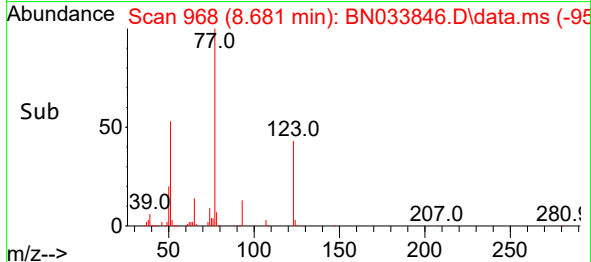
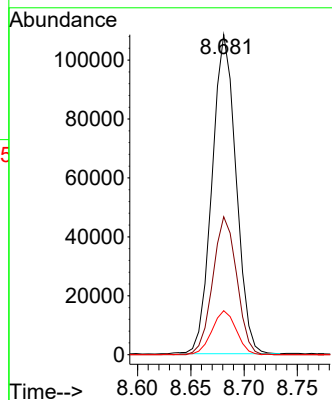
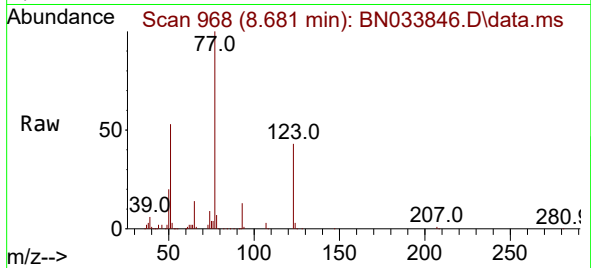




#22
Nitrobenzene
Concen: 11.472 ng/ul
RT: 8.681 min Scan# 968
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

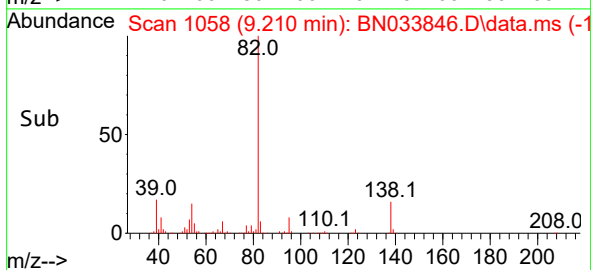
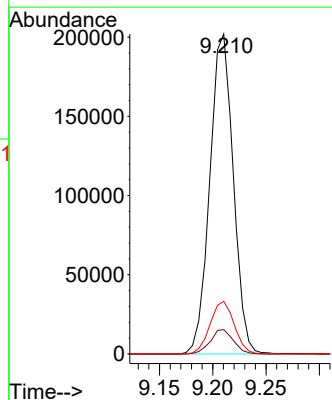
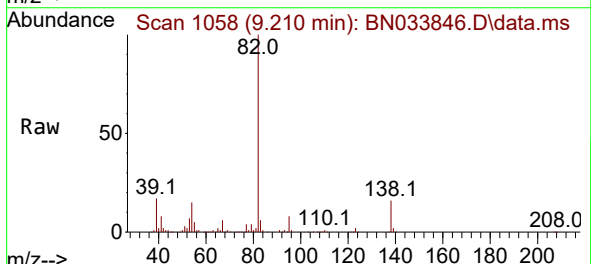
Instrument :
BNA_N
ClientSampleId :
SSTD010218

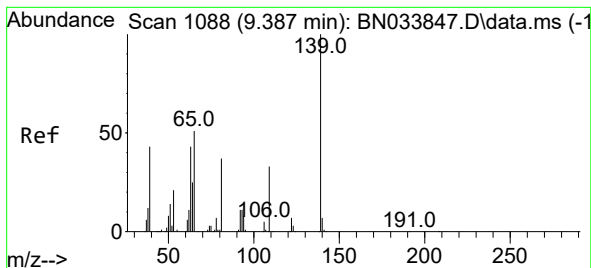
Tgt Ion: 77 Resp: 169489
Ion Ratio Lower Upper
77 100
123 43.1 34.5 51.7
65 13.8 11.0 16.6



#23
Isophorone
Concen: 10.329 ng/ul
RT: 9.210 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion: 82 Resp: 309650
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.5 13.4 20.0





#25

2-Nitrophenol

Concen: 12.325 ng/ul

RT: 9.387 min Scan# 1100

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

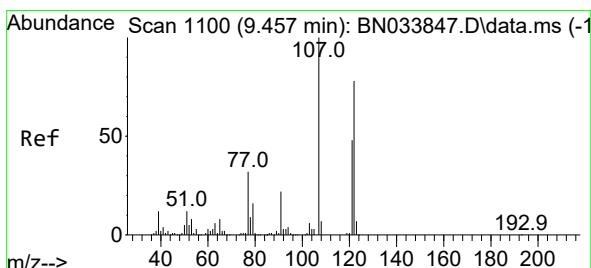
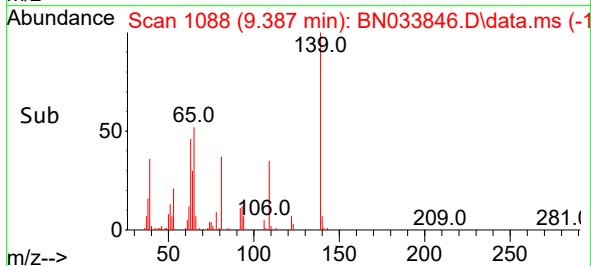
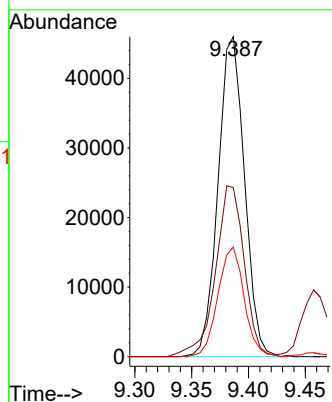
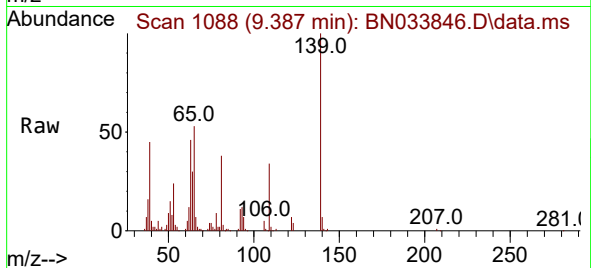
Tgt Ion:139 Resp: 74410

Ion Ratio Lower Upper

139 100

65 52.9 42.0 63.0

109 34.3 26.5 39.7



#26

2,4-Dimethylphenol

Concen: 11.179 ng/ul

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

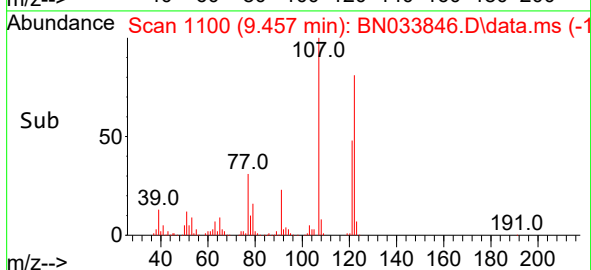
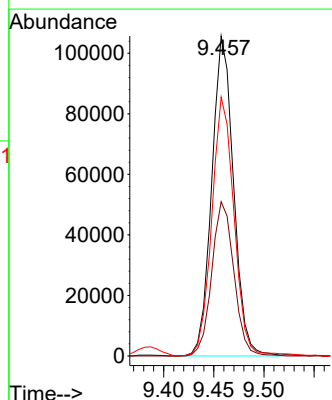
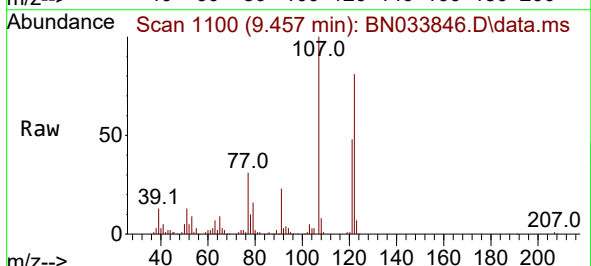
Tgt Ion:107 Resp: 159754

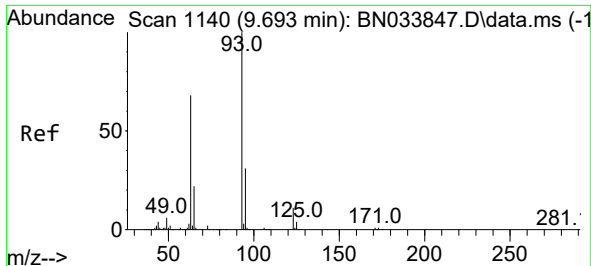
Ion Ratio Lower Upper

107 100

121 48.2 38.4 57.6

122 80.9 62.9 94.3





#27

Bis(2-Chloroethoxy)methane

Concen: 10.285 ng/ul

RT: 9.693 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

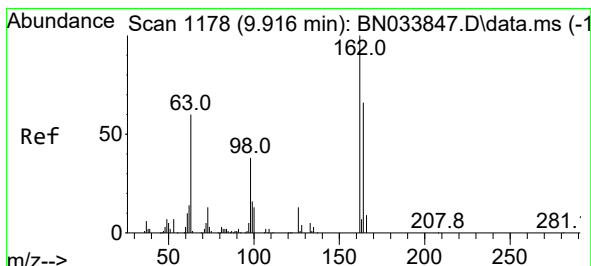
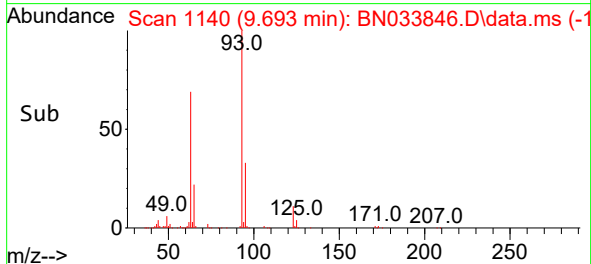
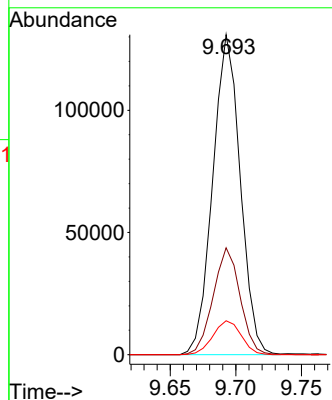
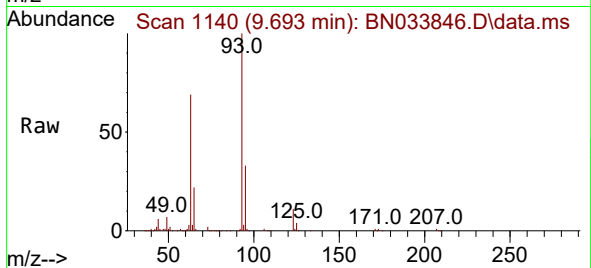
Tgt Ion: 93 Resp: 190950

Ion Ratio Lower Upper

93 100

95 33.4 24.9 37.3

123 10.6 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 10.954 ng/ul

RT: 9.916 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

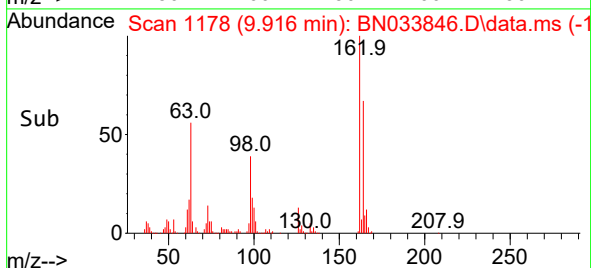
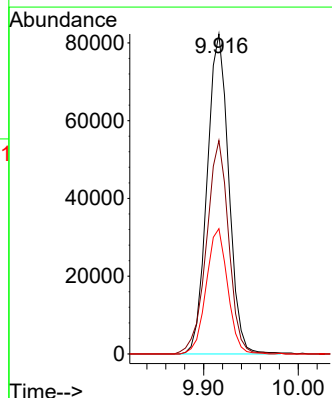
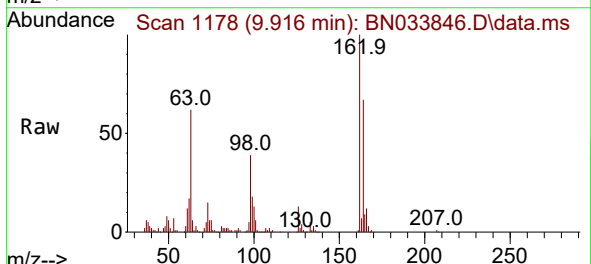
Tgt Ion: 162 Resp: 130487

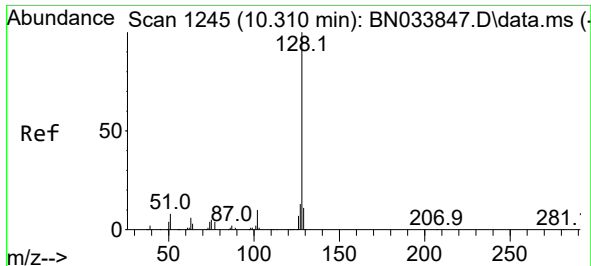
Ion Ratio Lower Upper

162 100

164 66.7 53.0 79.6

98 39.1 30.6 46.0

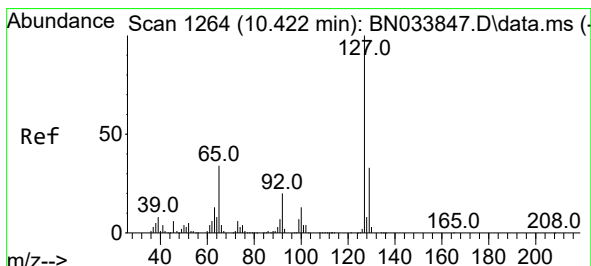
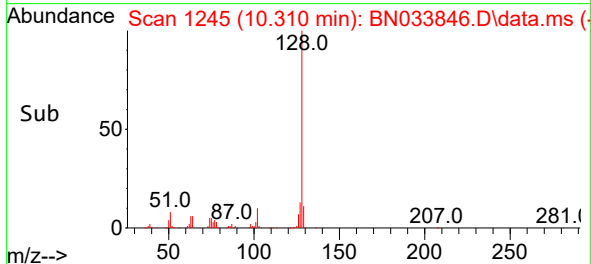
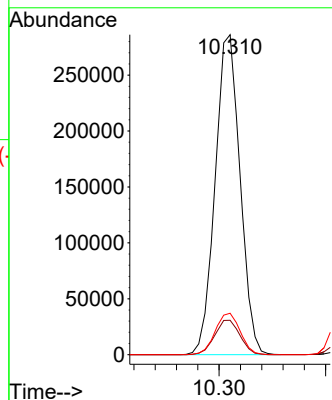
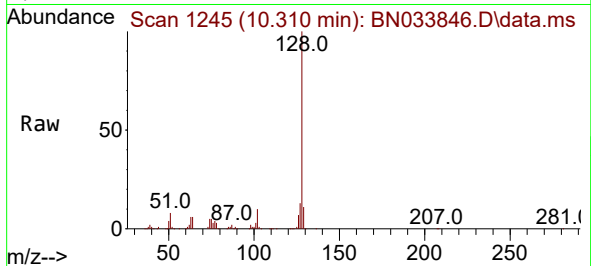




#30
Naphthalene
Concen: 10.785 ng/ul
RT: 10.310 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

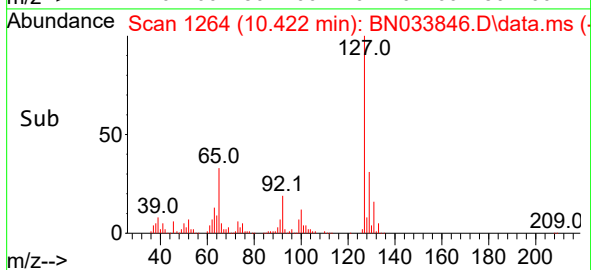
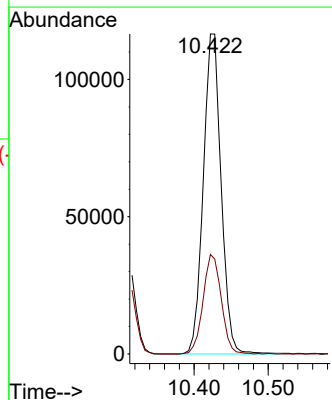
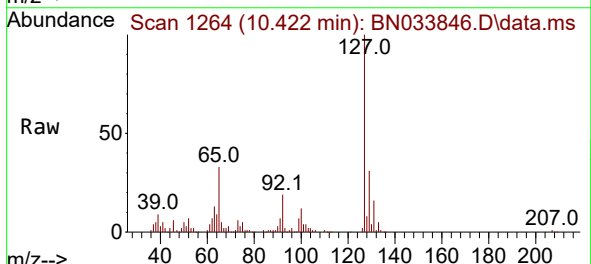
Instrument :
BNA_N
ClientSampleId :
SSTD010218

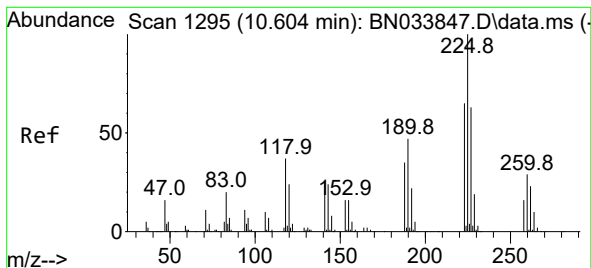
Tgt Ion:128 Resp: 464217
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.6 16.0



#32
4-Chloroaniline
Concen: 10.385 ng/ul
RT: 10.422 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:127 Resp: 195012
Ion Ratio Lower Upper
127 100
129 31.1 26.2 39.2





#33

Hexachlorobutadiene

Concen: 11.436 ng/ul

RT: 10.598 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

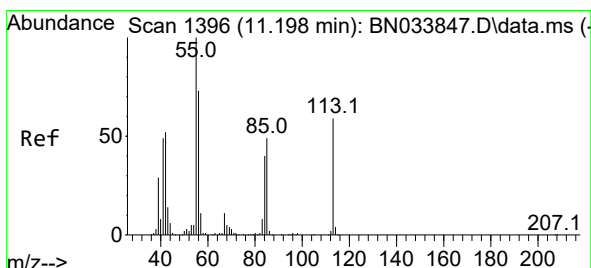
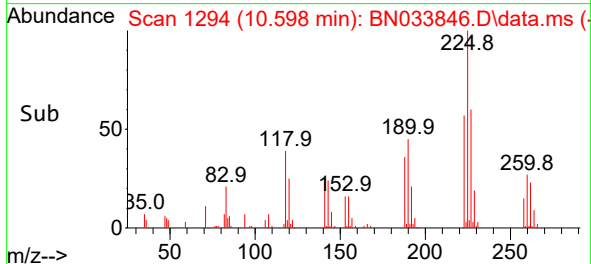
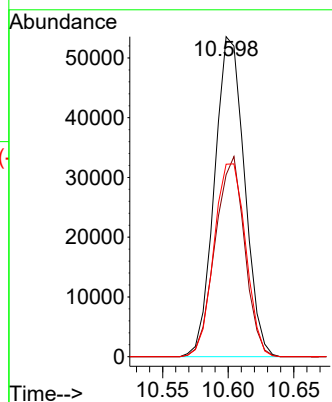
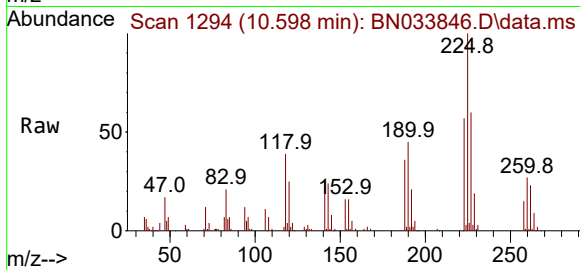
Tgt Ion:225 Resp: 85155

Ion Ratio Lower Upper

225 100

223 56.8 52.2 78.2

227 60.1 50.1 75.1



#34

Caprolactam

Concen: 9.368 ng/ul

RT: 11.198 min Scan# 1396

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

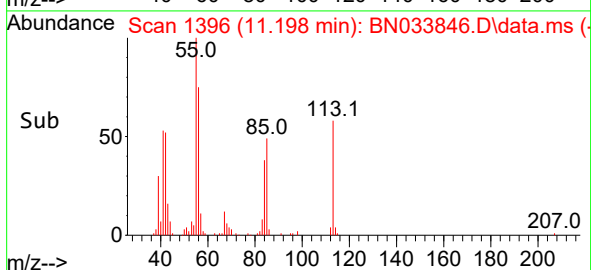
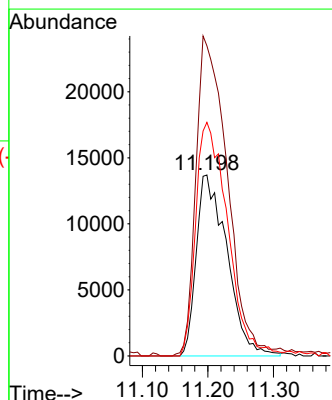
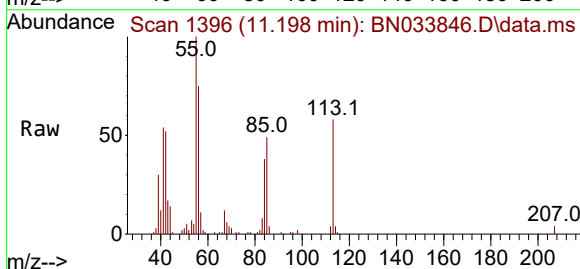
Tgt Ion:113 Resp: 44565

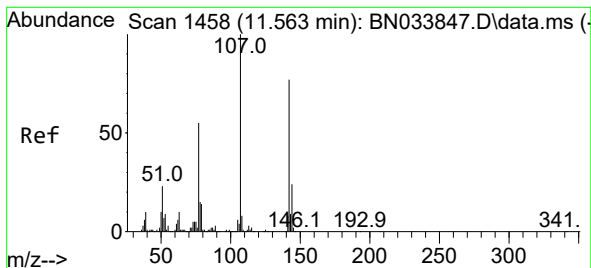
Ion Ratio Lower Upper

113 100

55 171.3 137.0 205.6

56 129.1 99.7 149.5

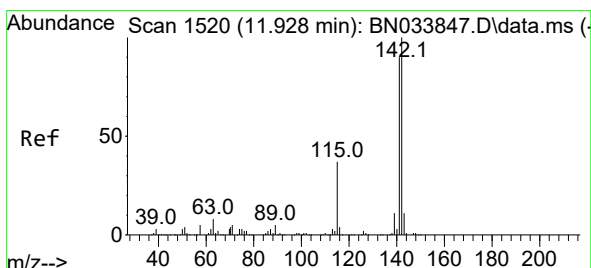
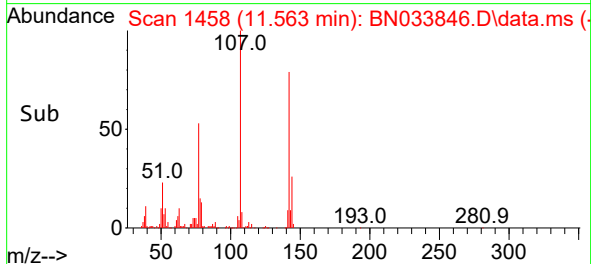
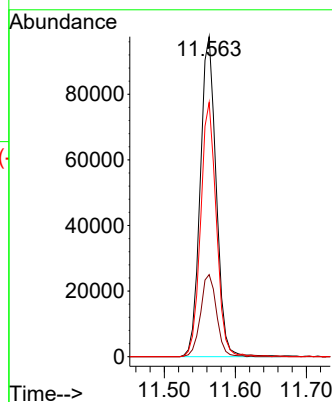
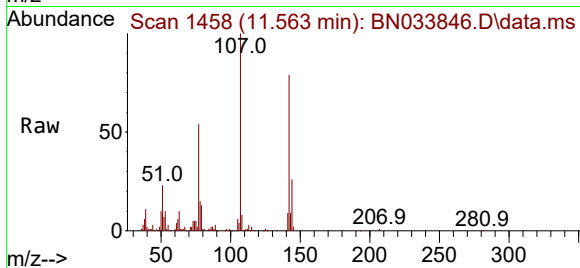




#35
4-Chloro-3-methylphenol
Concen: 11.140 ng/ul
RT: 11.563 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

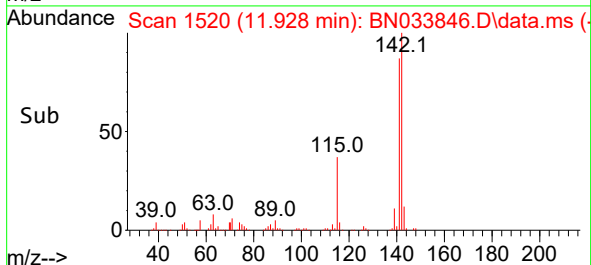
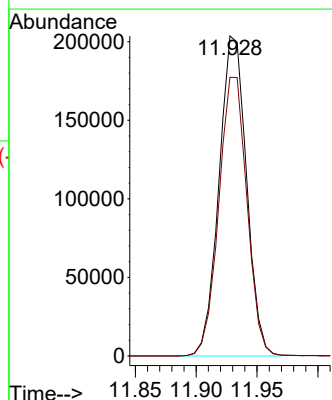
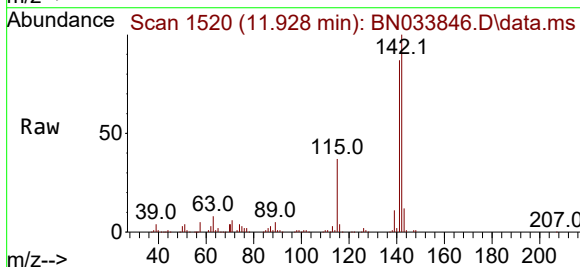
Instrument :
BNA_N
ClientSampleId :
SSTD010218

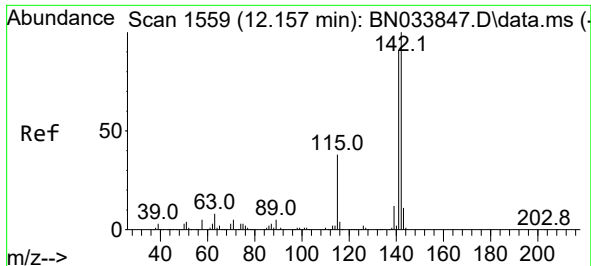
Tgt Ion:107 Resp: 152658
Ion Ratio Lower Upper
107 100
144 25.6 19.1 28.7
142 79.5 61.4 92.0



#36
2-Methylnaphthalene
Concen: 10.571 ng/ul
RT: 11.928 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:142 Resp: 320236
Ion Ratio Lower Upper
142 100
141 87.1 72.2 108.2

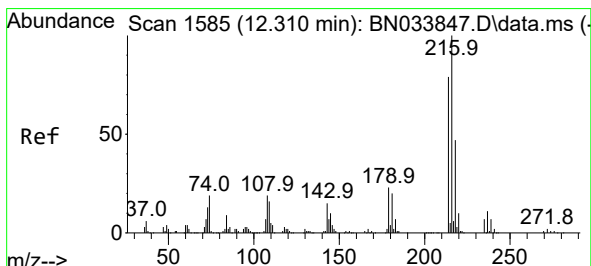
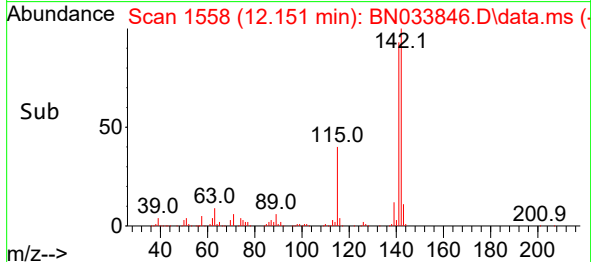
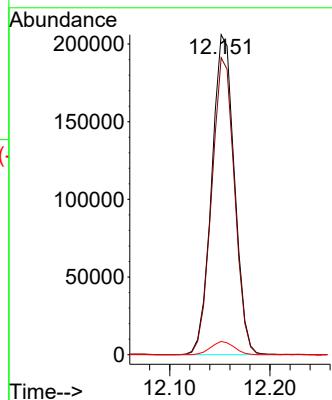
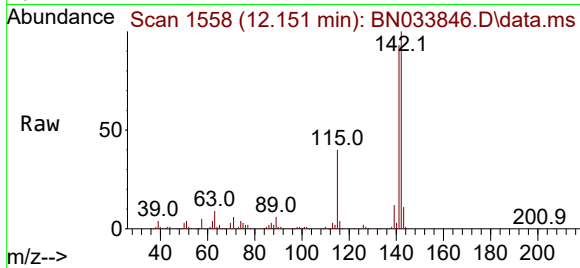




#37
1-Methylnaphthalene
Concen: 10.599 ng/ul
RT: 12.151 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

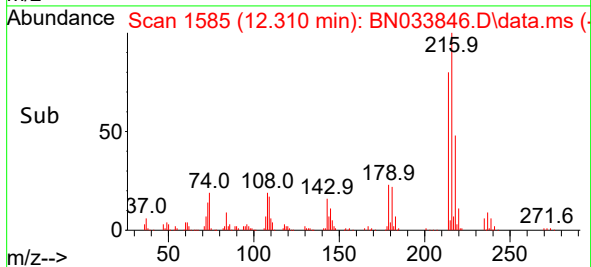
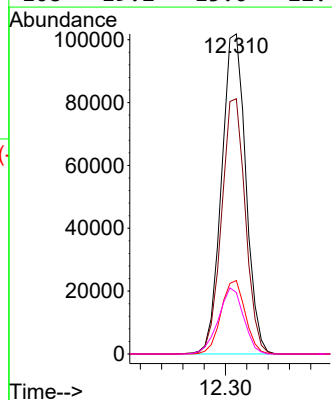
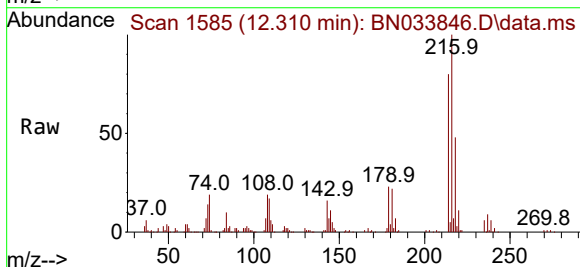
Instrument :
BNA_N
ClientSampleId :
SSTD010218

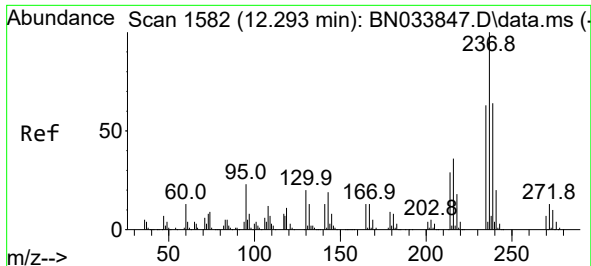
Tgt Ion:142 Resp: 324524
Ion Ratio Lower Upper
142 100
141 92.8 72.5 108.7
116 4.1 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 11.044 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:216 Resp: 160964
Ion Ratio Lower Upper
216 100
214 79.8 63.0 94.6
179 22.9 18.2 27.2
108 19.2 15.0 22.4

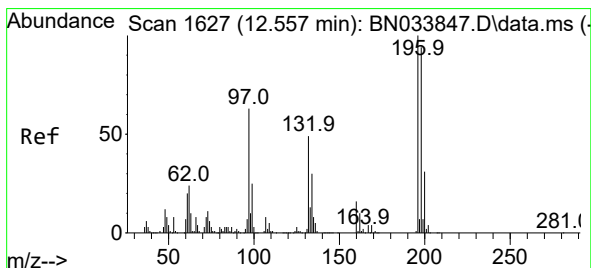
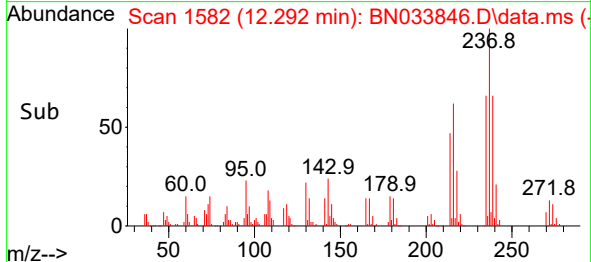
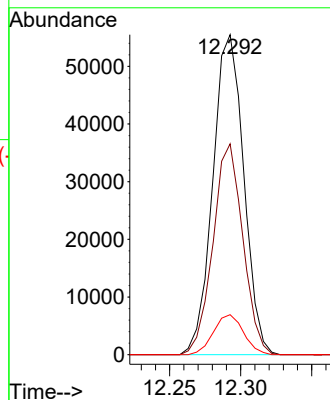
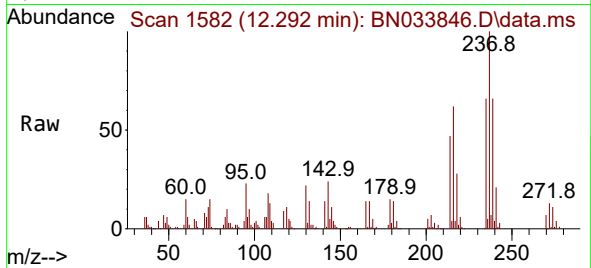




#40
Hexachlorocyclopentadiene
Concen: 10.400 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

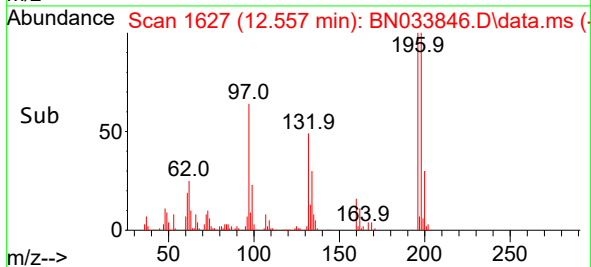
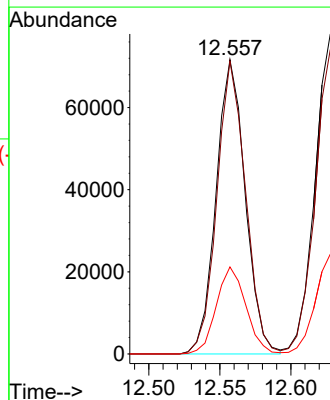
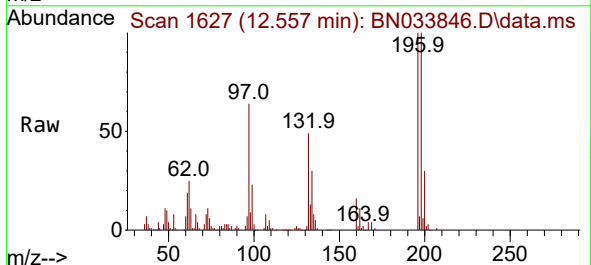
Instrument :
BNA_N
ClientSampleId :
SSTD010218

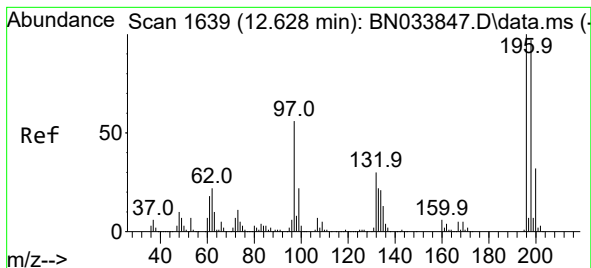
Tgt Ion:237 Resp: 83995
Ion Ratio Lower Upper
237 100
235 65.9 50.7 76.1
272 12.5 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 11.453 ng/ul
RT: 12.557 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:196 Resp: 102416
Ion Ratio Lower Upper
196 100
198 99.5 75.0 112.4
200 29.6 24.7 37.1





#42

2,4,5-Trichlorophenol

Concen: 11.298 ng/ul

RT: 12.628 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

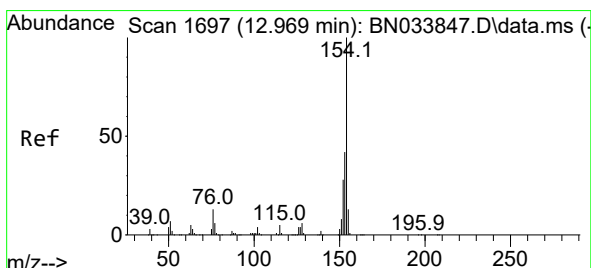
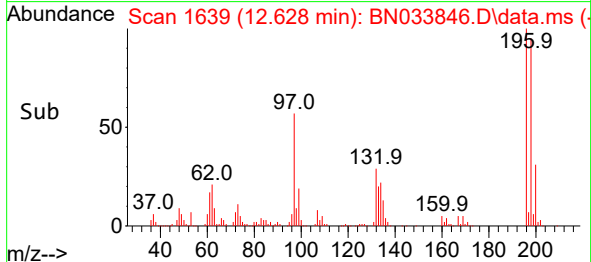
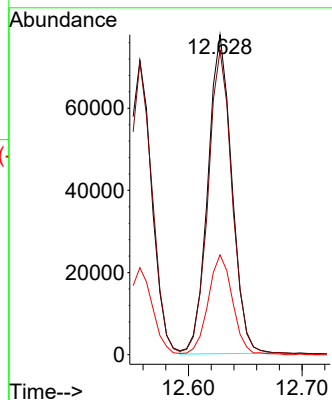
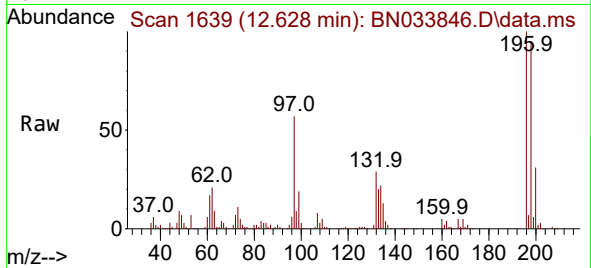
Tgt Ion:196 Resp: 113781

Ion Ratio Lower Upper

196 100

198 95.2 77.1 115.7

200 31.2 25.2 37.8



#43

1,1'-Biphenyl

Concen: 11.081 ng/ul

RT: 12.963 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

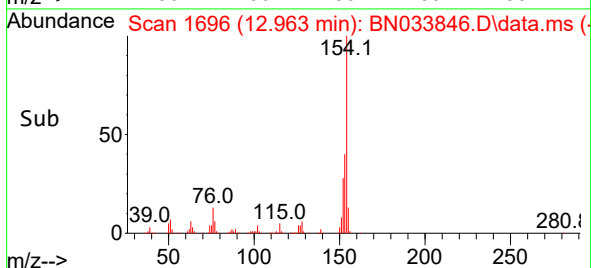
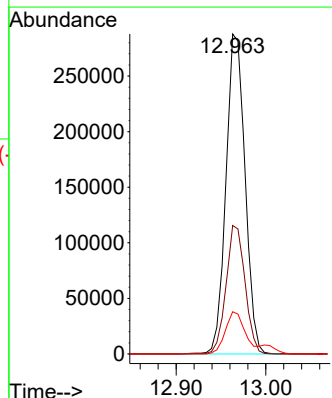
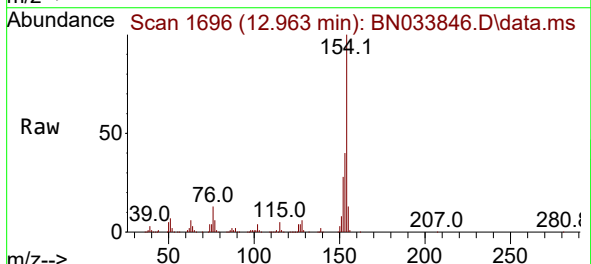
Tgt Ion:154 Resp: 425408

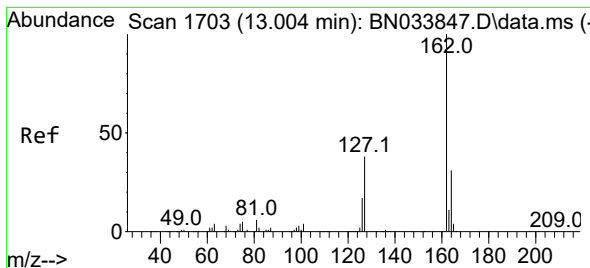
Ion Ratio Lower Upper

154 100

153 40.2 33.3 49.9

76 13.2 10.2 15.4





#44

2-Chloronaphthalene

Concen: 11.069 ng/ul

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

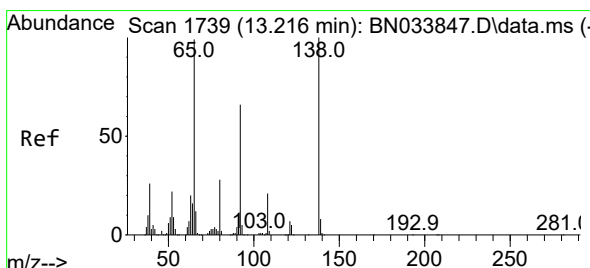
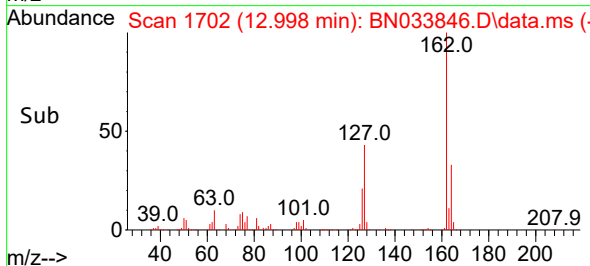
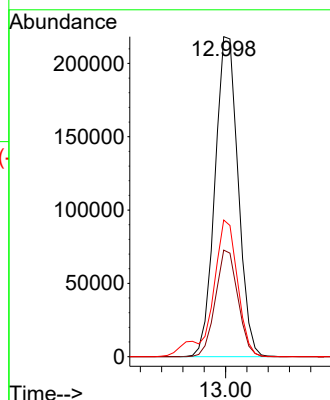
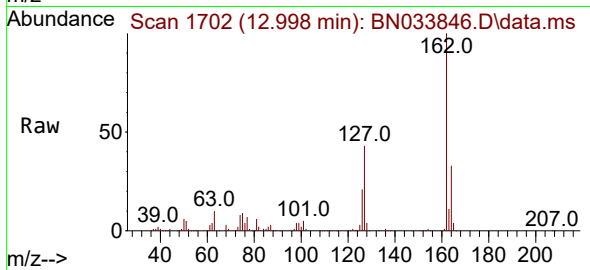
Tgt Ion:162 Resp: 329405

Ion Ratio Lower Upper

162 100

164 33.3 25.1 37.7

127 42.7 32.6 48.8



#45

2-Nitroaniline

Concen: 12.030 ng/ul

RT: 13.216 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

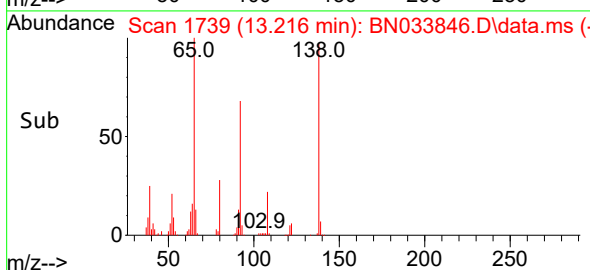
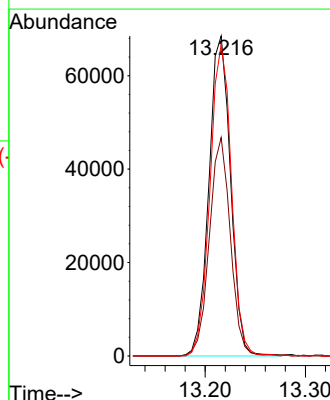
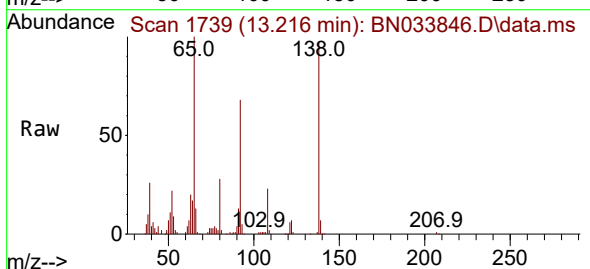
Tgt Ion: 65 Resp: 102856

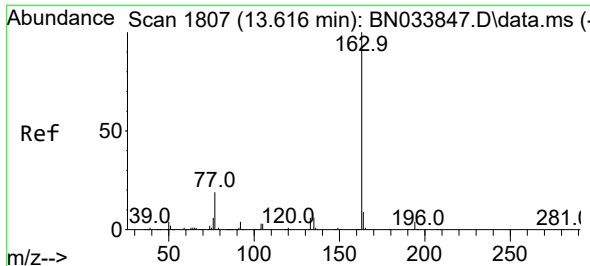
Ion Ratio Lower Upper

65 100

92 68.3 53.2 79.8

138 97.2 80.9 121.3

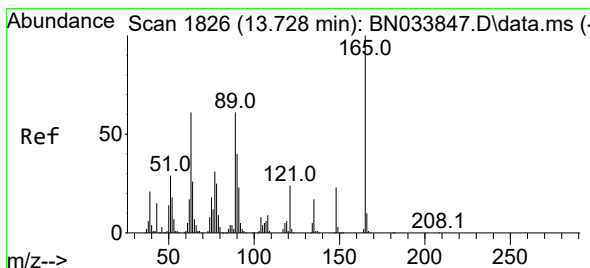
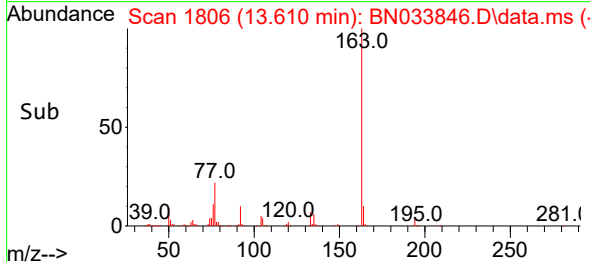
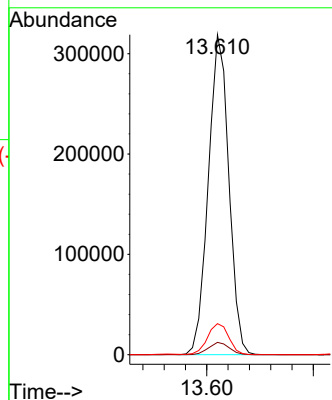
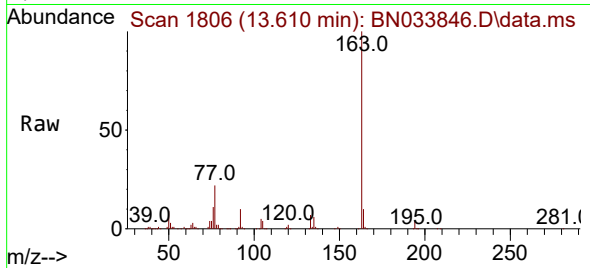




#47
Dimethylphthalate
Concen: 10.961 ng/ul
RT: 13.610 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

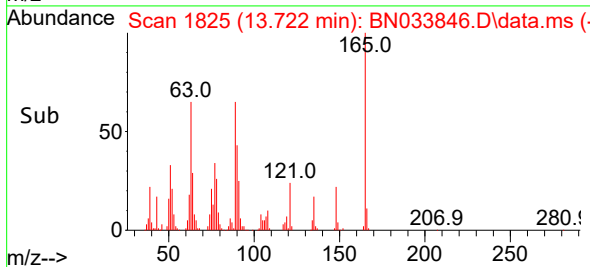
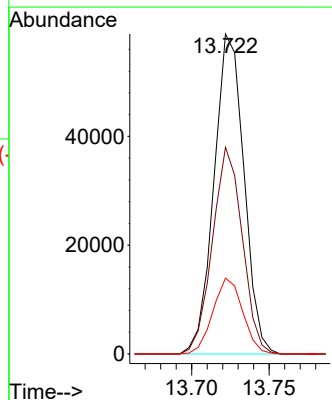
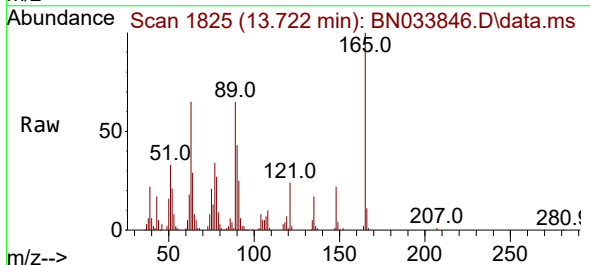
Instrument :
BNA_N
ClientSampleId :
SSTD010218

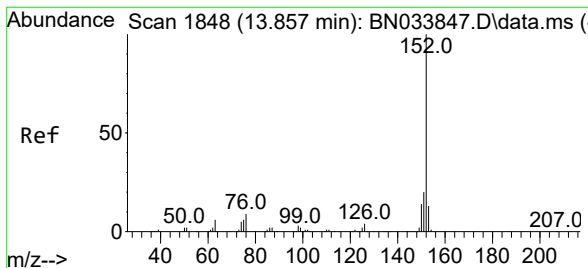
Tgt Ion:163 Resp: 426223
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.7 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 11.198 ng/ul
RT: 13.722 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:165 Resp: 79143
Ion Ratio Lower Upper
165 100
89 64.6 48.6 72.8
121 23.7 19.0 28.6





#50

Acenaphthylene

Concen: 10.774 ng/ul

RT: 13.857 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

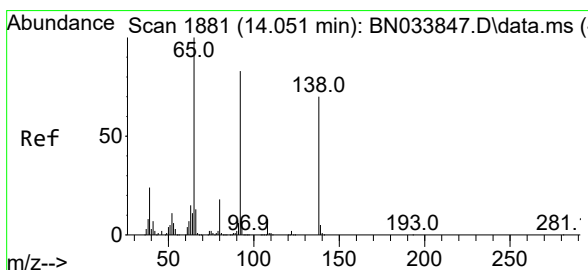
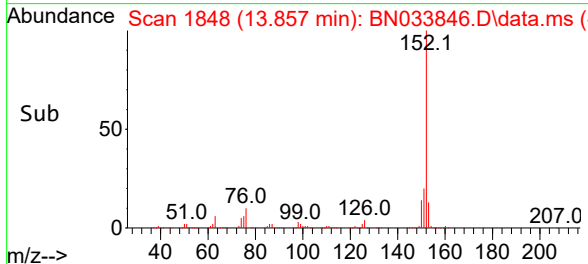
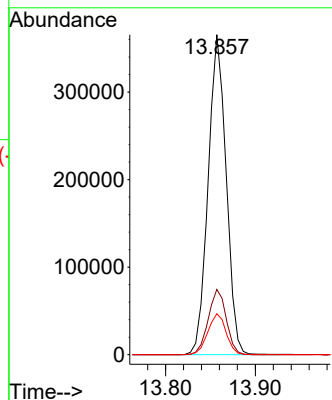
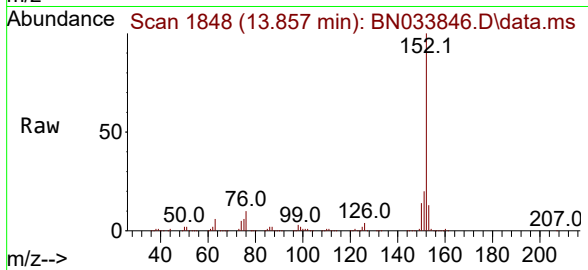
Tgt Ion:152 Resp: 510274

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 12.8 10.6 16.0



#51

3-Nitroaniline

Concen: 10.836 ng/ul

RT: 14.051 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

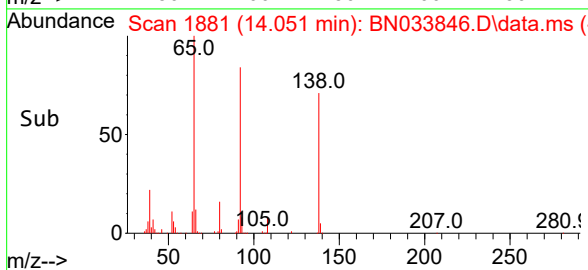
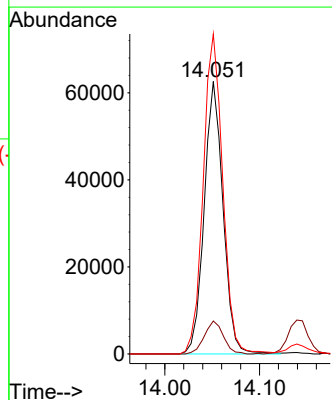
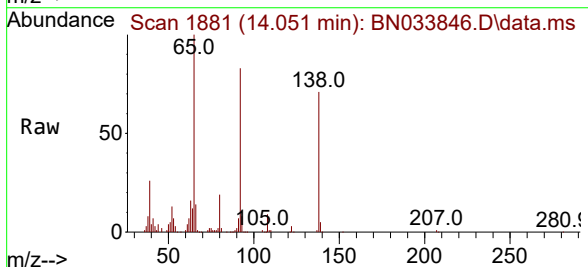
Tgt Ion:138 Resp: 86726

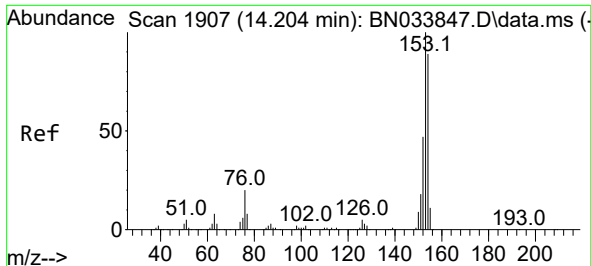
Ion Ratio Lower Upper

138 100

108 12.1 9.0 13.4

92 117.4 94.6 141.8

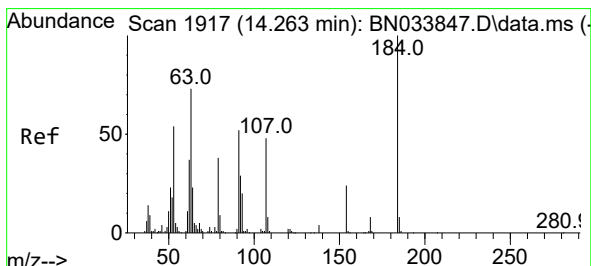
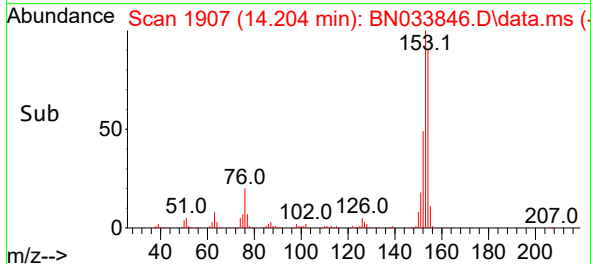
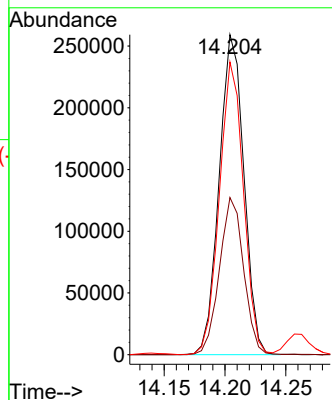
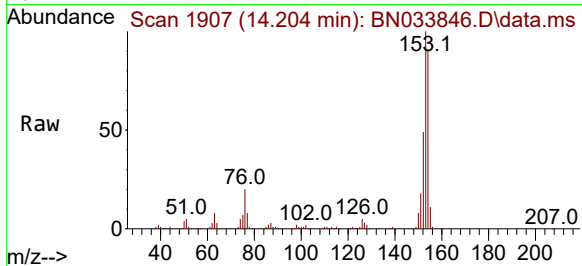




#52
Acenaphthene
Concen: 10.944 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

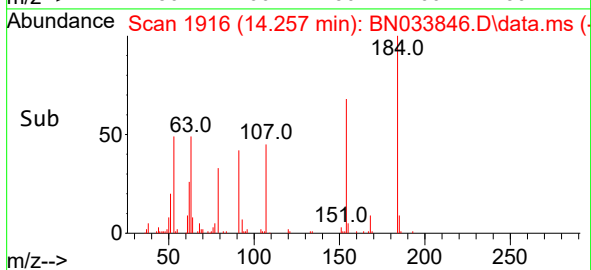
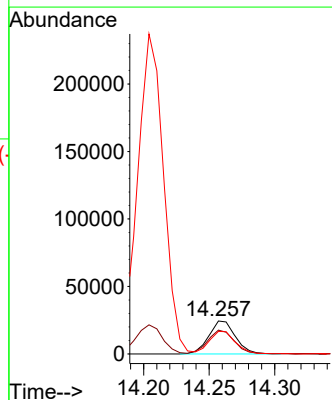
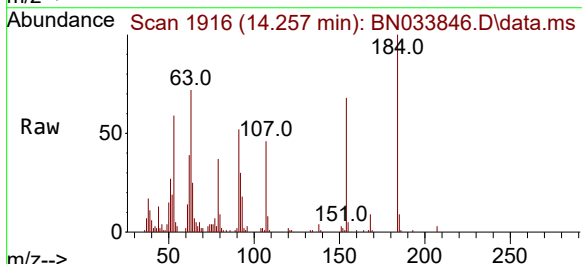
Instrument :
BNA_N
ClientSampleId :
SSTD010218

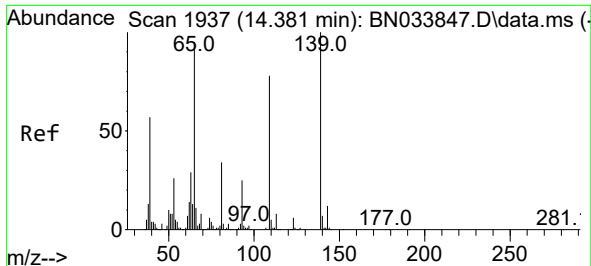
Tgt Ion:153 Resp: 366256
Ion Ratio Lower Upper
153 100
152 49.1 37.8 56.8
154 91.4 71.2 106.8



#53
2,4-Dinitrophenol
Concen: 9.903 ng/ul
RT: 14.257 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:184 Resp: 34573
Ion Ratio Lower Upper
184 100
63 72.2 61.1 91.7
154 68.2 58.5 87.7

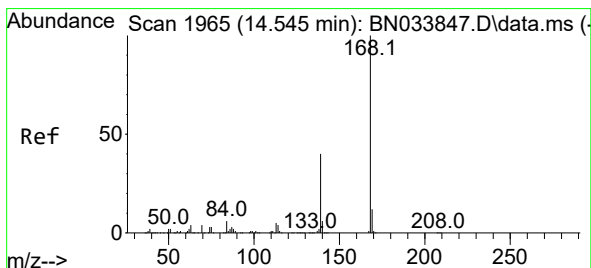
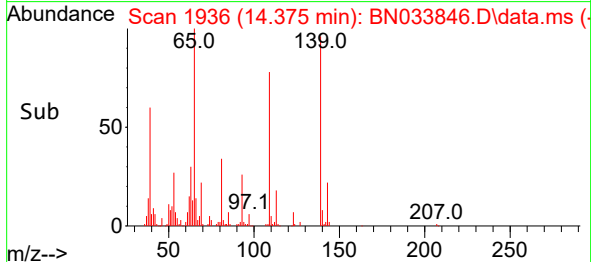
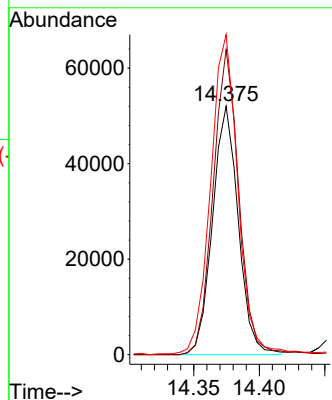
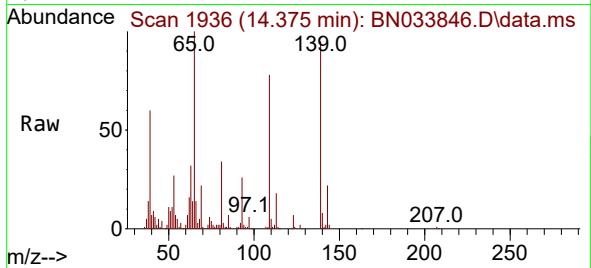




#55
4-Nitrophenol
Concen: 12.118 ng/ul
RT: 14.375 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

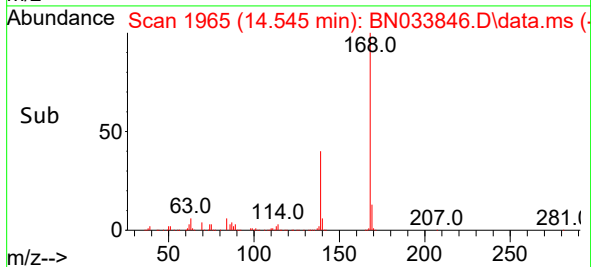
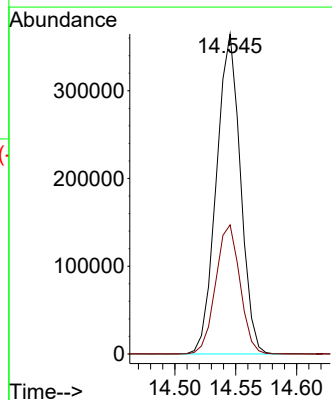
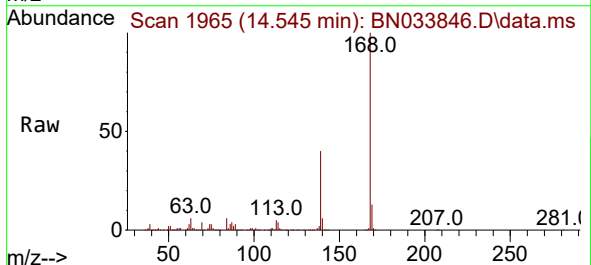
Instrument :
BNA_N
ClientSampleId :
SSTD010218

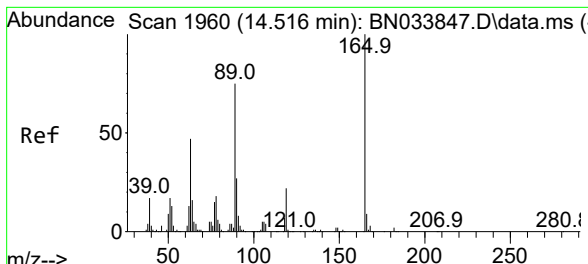
Tgt Ion:109 Resp: 71041
Ion Ratio Lower Upper
109 100
139 122.8 102.8 154.2
65 128.8 97.7 146.5



#56
Dibenzofuran
Concen: 10.728 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:168 Resp: 501299
Ion Ratio Lower Upper
168 100
139 40.3 31.7 47.5

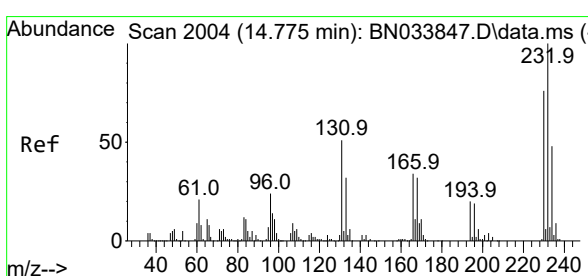
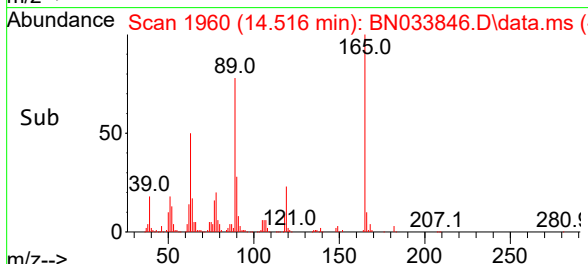
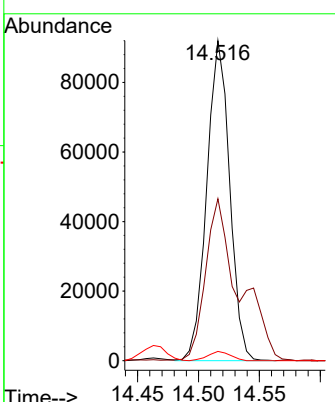
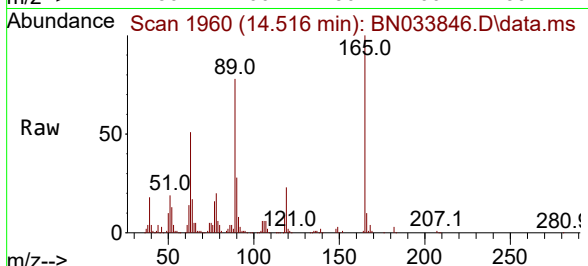




#57
 2,4-Dinitrotoluene
 Concen: 11.356 ng/ul
 RT: 14.516 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: BN033846.D
 Acq: 10 Sep 2024 18:01

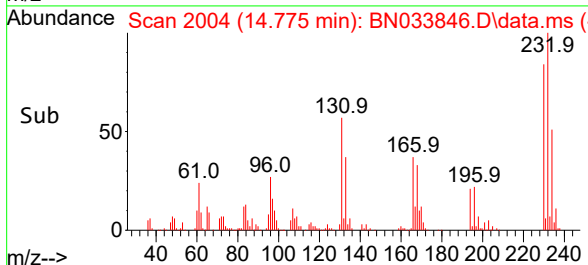
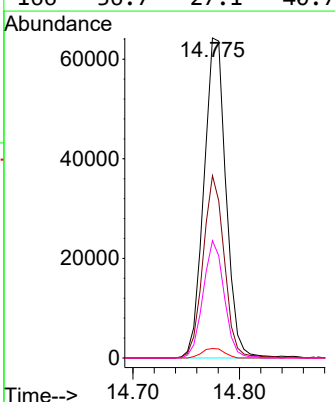
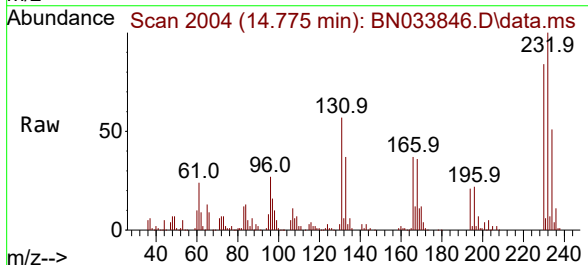
Instrument :
 BNA_N
 ClientSampleId :
 SSTD010218

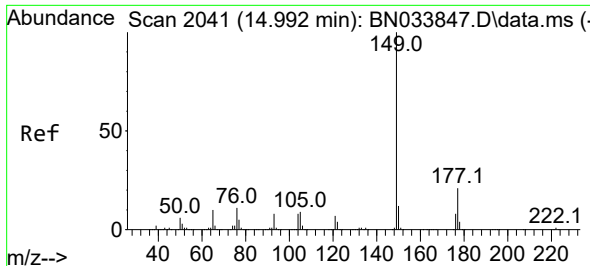
Tgt Ion:	165	Resp:	120618
Ion Ratio	Lower	Upper	
165	100		
63	50.6	37.8	56.8
182	2.9	2.3	3.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 11.315 ng/ul
 RT: 14.775 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: BN033846.D
 Acq: 10 Sep 2024 18:01

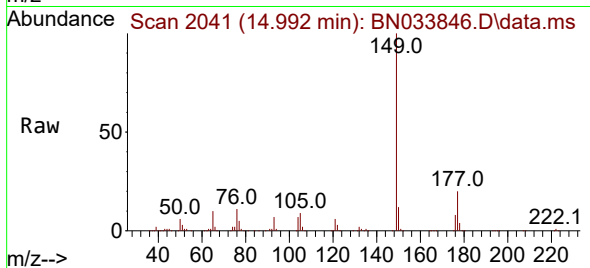
Tgt Ion:	232	Resp:	92607
Ion Ratio	Lower	Upper	
232	100		
131	57.0	41.0	61.6
130	3.0	2.2	3.2
166	36.7	27.1	40.7



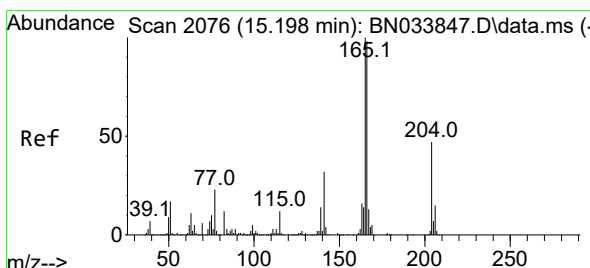
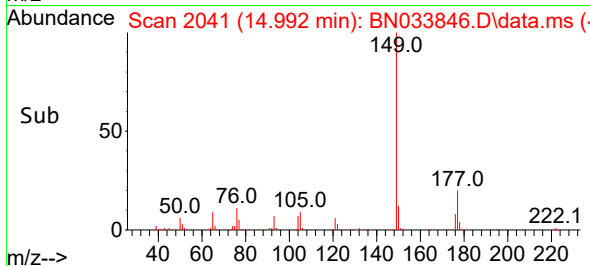
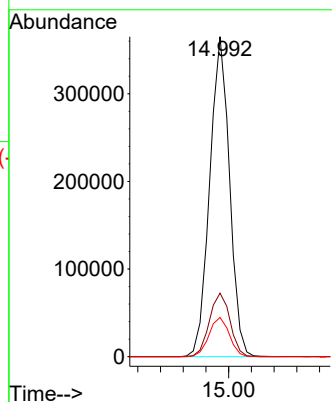


#59
Diethylphthalate
Concen: 10.893 ng/ul
RT: 14.992 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Instrument :
BNA_N
ClientSampleId :
SSTD010218

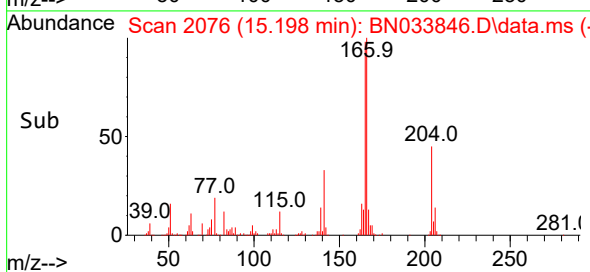
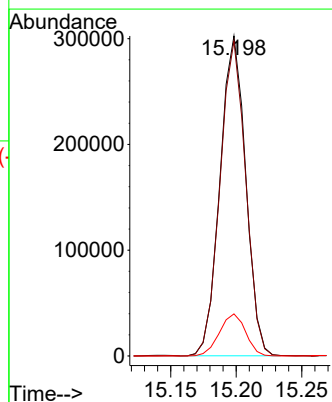
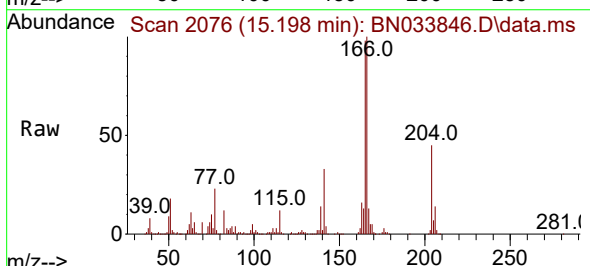


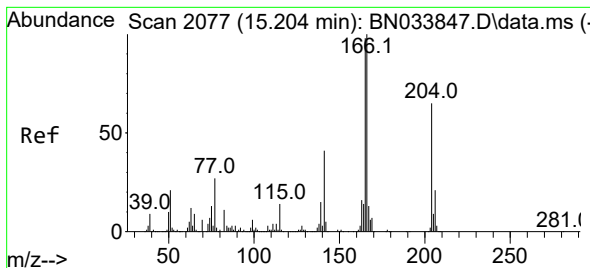
Tgt Ion:149 Resp: 441899
Ion Ratio Lower Upper
149 100
177 19.9 16.9 25.3
150 12.2 9.9 14.9



#61
Fluorene
Concen: 10.704 ng/ul
RT: 15.198 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:166 Resp: 411670
Ion Ratio Lower Upper
166 100
165 98.4 81.9 122.9
167 13.1 10.9 16.3

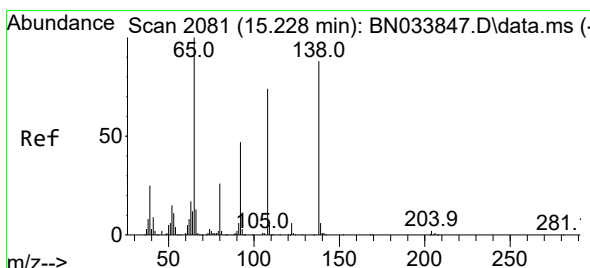
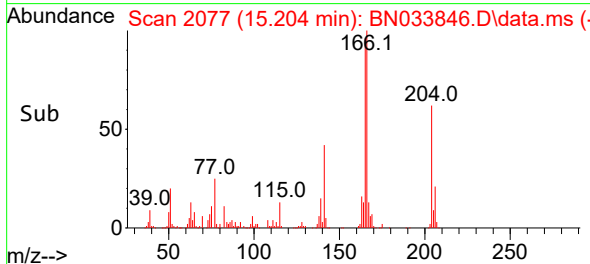
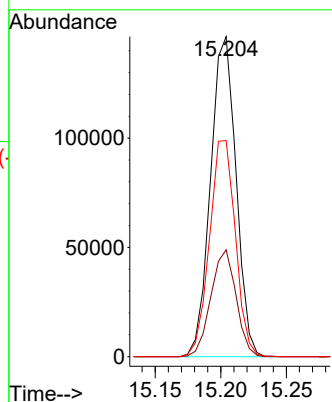
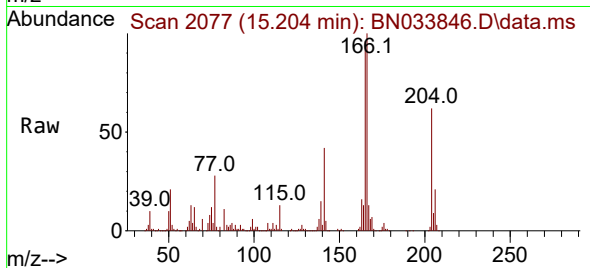




#62
4-Chlorophenyl-phenylether
Concen: 10.743 ng/ul
RT: 15.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

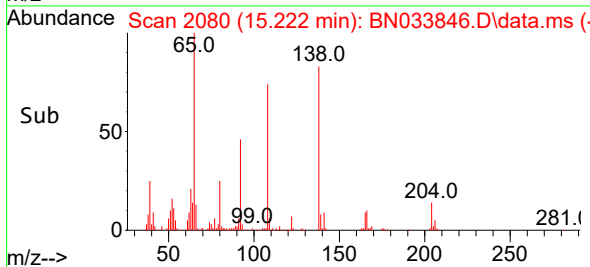
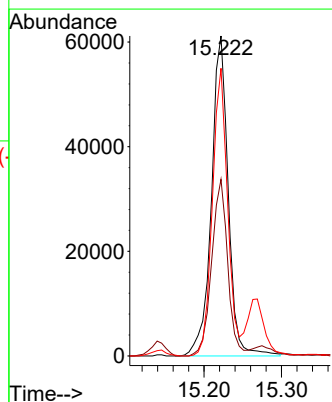
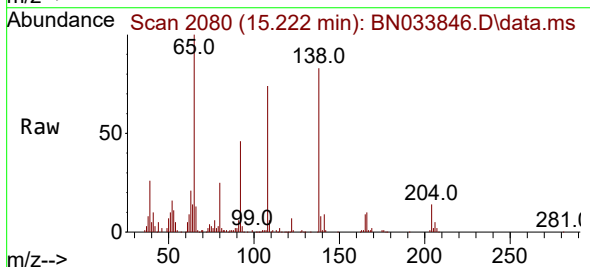
Instrument :
BNA_N
ClientSampleId :
SSTD010218

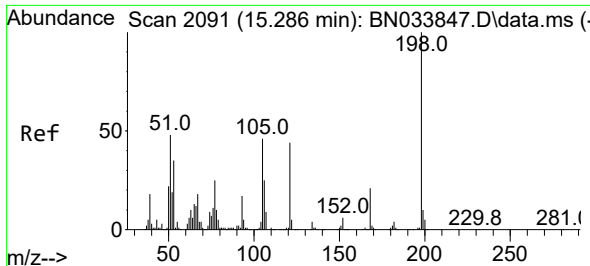
Tgt Ion:204 Resp: 198234
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.4
141 67.6 50.4 75.6



#63
4-Nitroaniline
Concen: 11.229 ng/ul
RT: 15.222 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:138 Resp: 92494
Ion Ratio Lower Upper
138 100
92 55.2 43.0 64.4
108 89.9 67.0 100.4

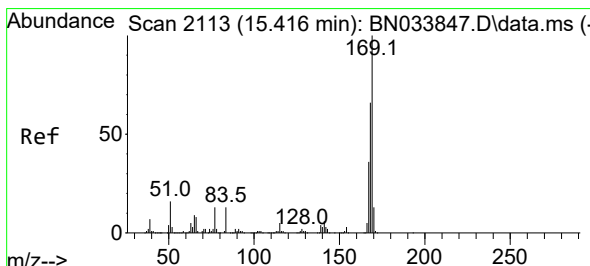
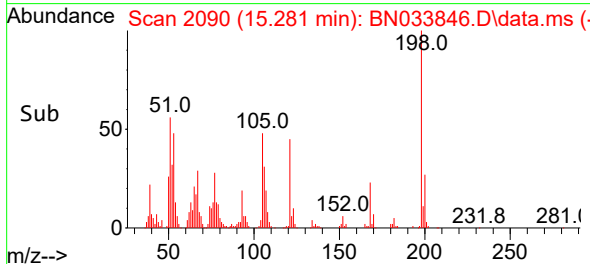
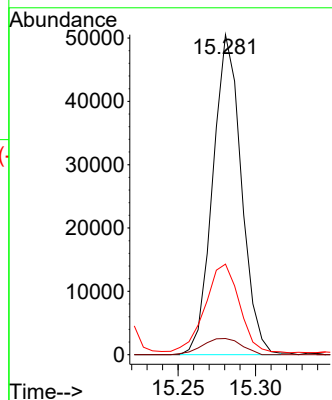
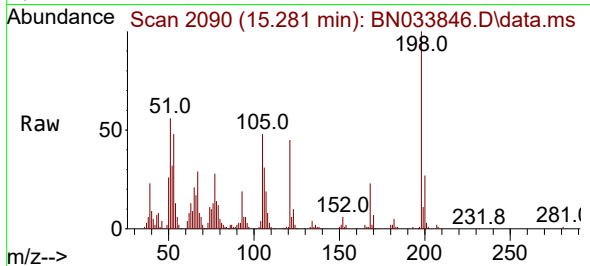




#66
4,6-Dinitro-2-methylphenol
Concen: 11.277 ng/ul
RT: 15.281 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

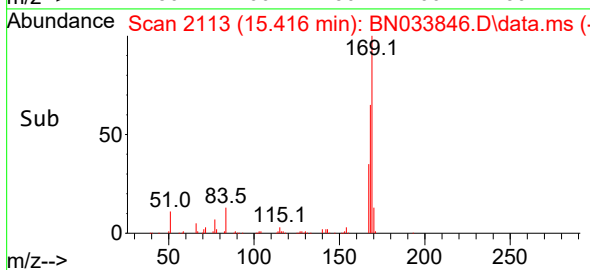
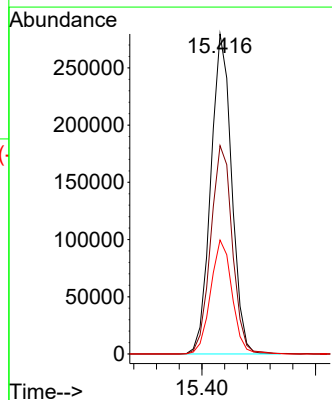
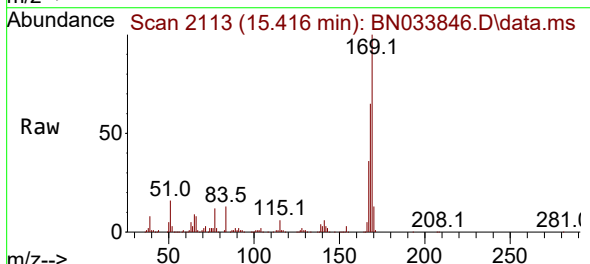
Instrument :
BNA_N
ClientSampleId :
SSTD010218

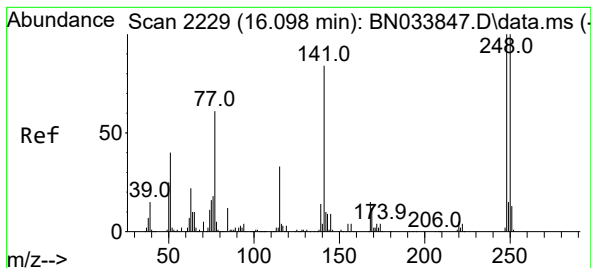
Tgt Ion:198 Resp: 64832
Ion Ratio Lower Upper
198 100
182 5.0 3.2 4.8#
77 28.3 21.1 31.7



#67
N-Nitrosodiphenylamine
Concen: 10.980 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:169 Resp: 356638
Ion Ratio Lower Upper
169 100
168 65.1 52.8 79.2
167 35.6 28.6 43.0

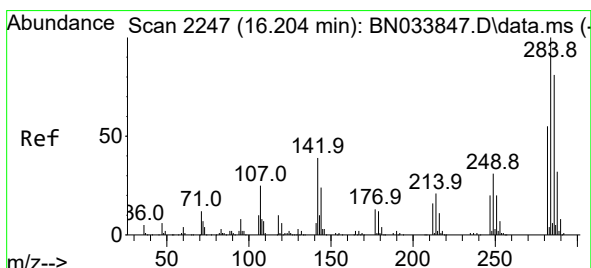
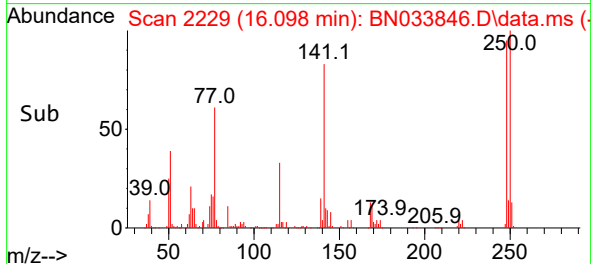
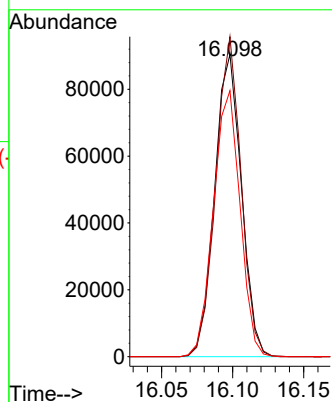
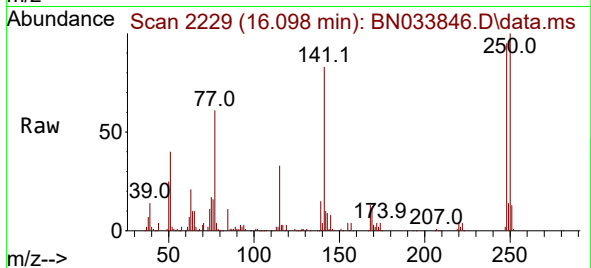




#68
4-Bromophenyl-phenylether
Concen: 10.768 ng/ul
RT: 16.098 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

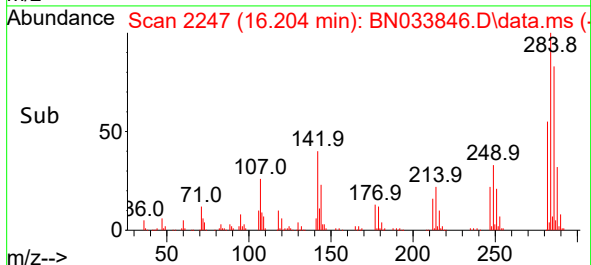
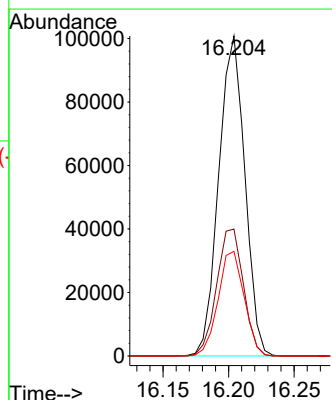
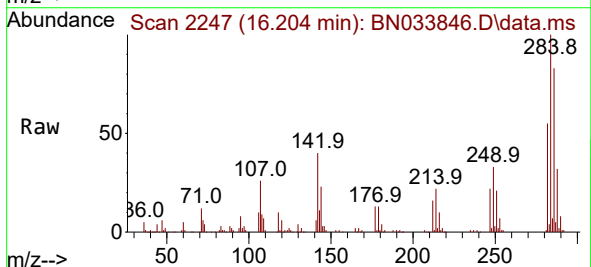
Instrument :
BNA_N
ClientSampleId :
SSTD010218

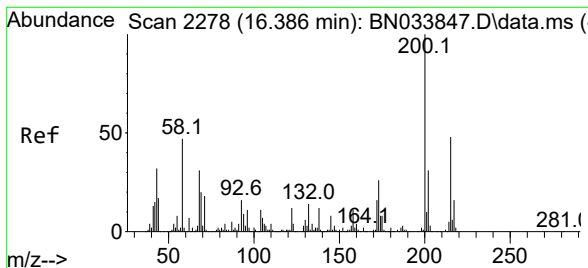
Tgt Ion:248 Resp: 118720
Ion Ratio Lower Upper
248 100
250 105.8 79.8 119.6
141 88.0 67.0 100.4



#69
Hexachlorobenzene
Concen: 11.057 ng/ul
RT: 16.204 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:284 Resp: 139575
Ion Ratio Lower Upper
284 100
142 39.6 31.3 46.9
249 32.7 25.1 37.7





#70

Atrazine

Concen: 10.712 ng/ul

RT: 16.381 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

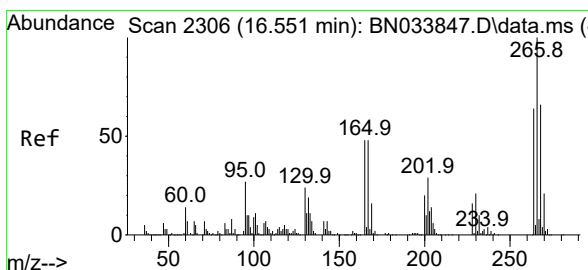
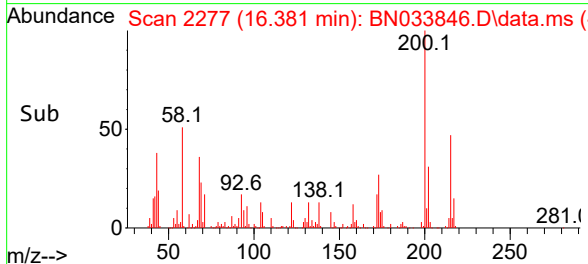
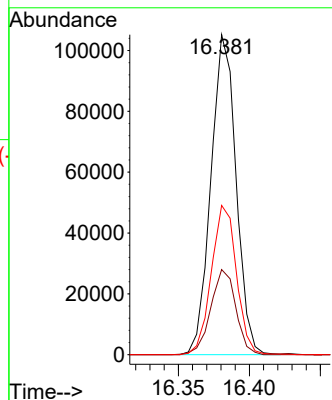
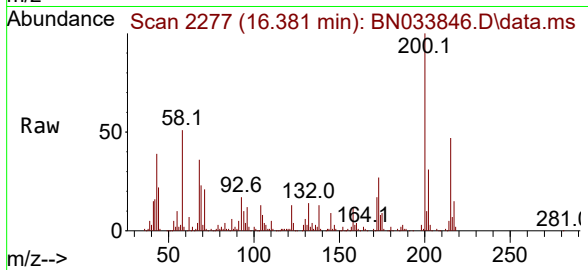
Tgt Ion:200 Resp: 129453

Ion Ratio Lower Upper

200 100

173 26.6 21.3 31.9

215 46.7 38.2 57.4



#71

Pentachlorophenol

Concen: 10.354 ng/ul

RT: 16.551 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

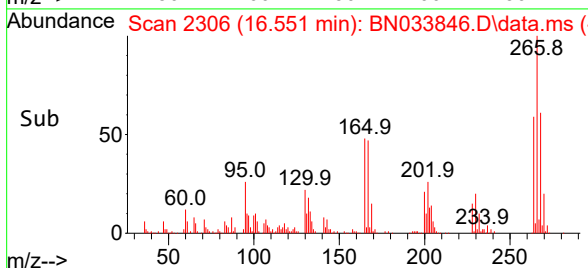
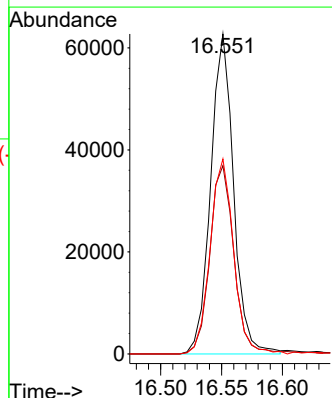
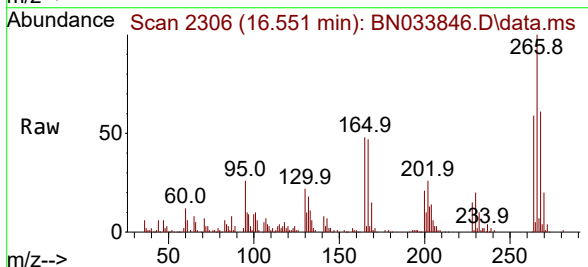
Tgt Ion:266 Resp: 82220

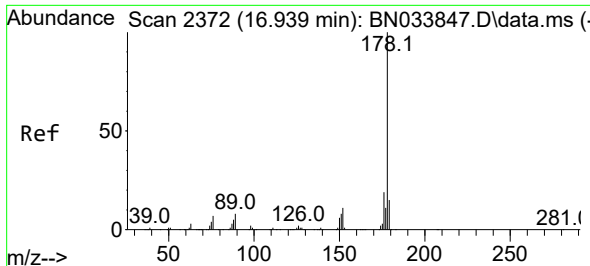
Ion Ratio Lower Upper

266 100

264 58.8 51.1 76.7

268 61.0 52.8 79.2

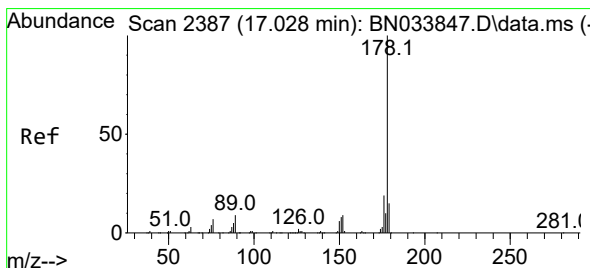
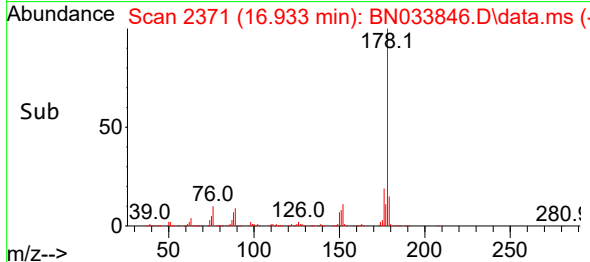
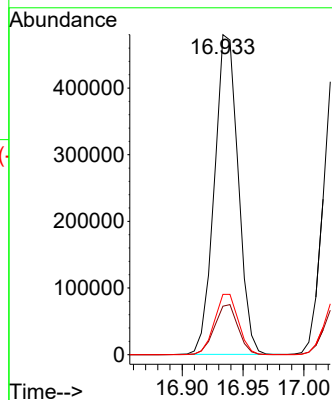
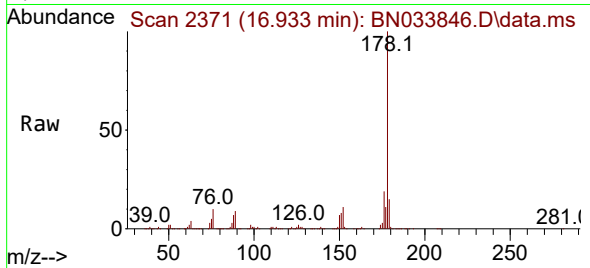




#72
Phenanthrene
Concen: 10.793 ng/ul
RT: 16.933 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

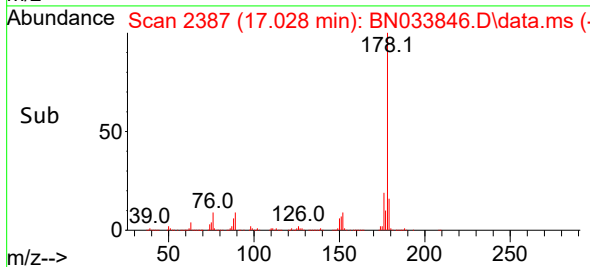
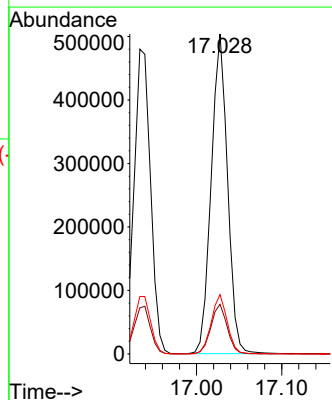
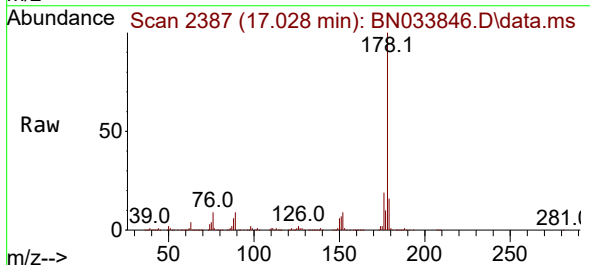
Instrument :
BNA_N
ClientSampleId :
SSTD010218

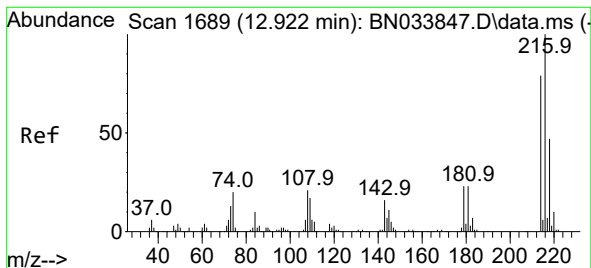
Tgt Ion:178 Resp: 651862
Ion Ratio Lower Upper
178 100
179 15.1 11.9 17.9
176 18.8 15.2 22.8



#74
Anthracene
Concen: 10.880 ng/ul
RT: 17.028 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:178 Resp: 669465
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.6 15.0 22.6

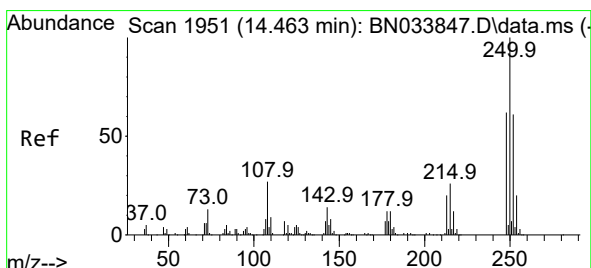
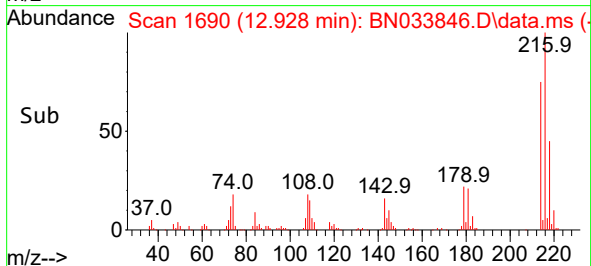
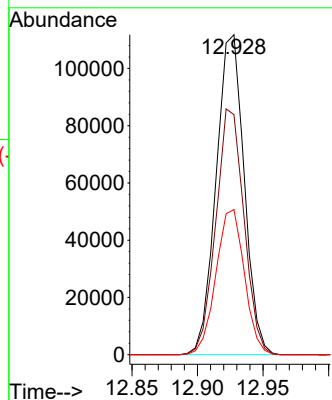
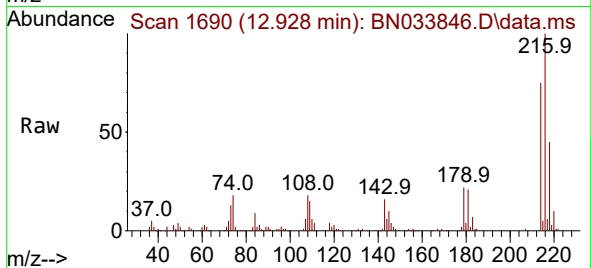




#75
1,2,3,4-Tetrachlorobenzene
Concen: 11.439 ng/uL
RT: 12.928 min Scan# 1690
Delta R.T. 0.006 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

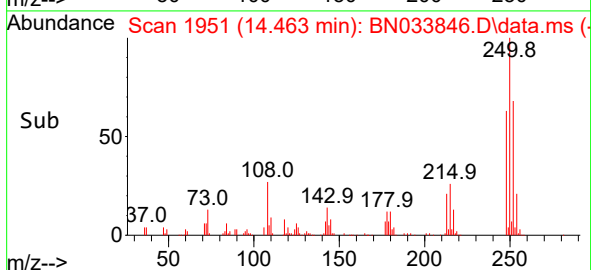
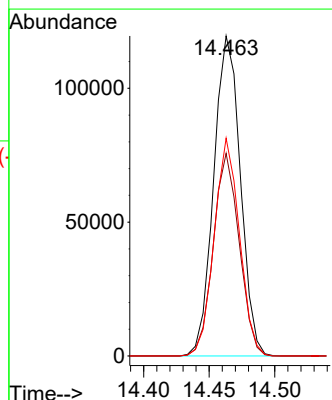
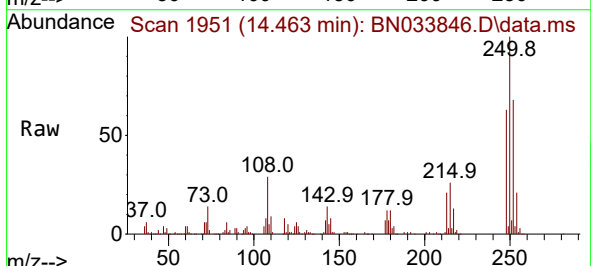
Instrument :
BNA_N
ClientSampleId :
SSTD010218

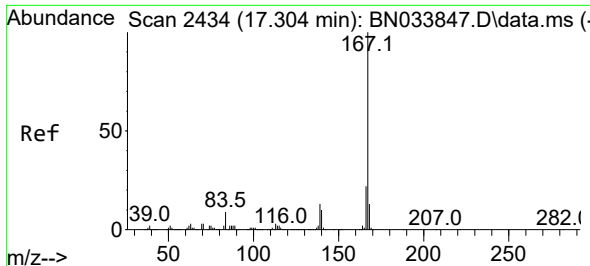
Tgt Ion:216 Resp: 166587
Ion Ratio Lower Upper
216 100
214 75.0 63.6 95.4
218 45.3 37.6 56.4



#76
Pentachlorobenzene
Concen: 11.270 ng/uL
RT: 14.463 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BN033846.D
Acq: 10 Sep 2024 18:01

Tgt Ion:250 Resp: 168896
Ion Ratio Lower Upper
250 100
248 63.3 49.3 73.9
252 68.1 49.1 73.7

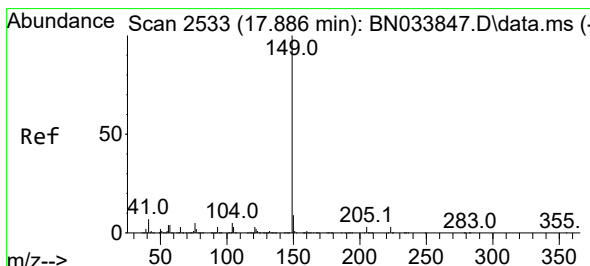
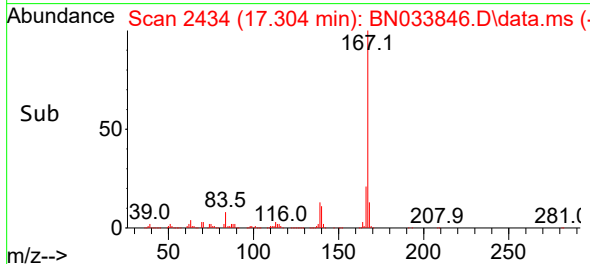
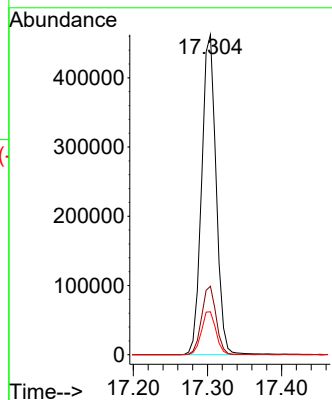
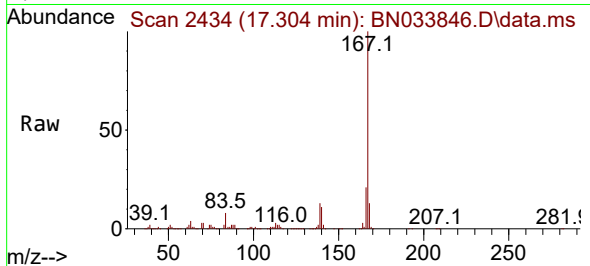




#77
 Carbazole
 Concen: 11.078 ng/ul
 RT: 17.304 min Scan# 2434
 Delta R.T. -0.000 min
 Lab File: BN033846.D
 Acq: 10 Sep 2024 18:01

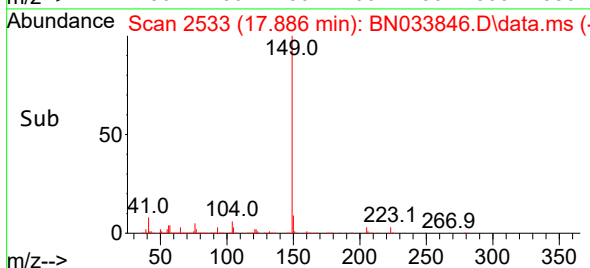
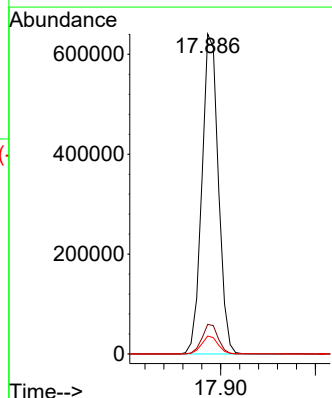
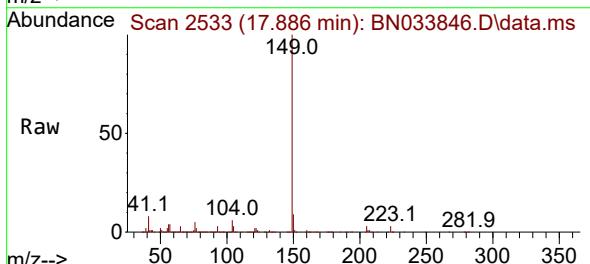
Instrument :
 BNA_N
 ClientSampleId :
 SSTD010218

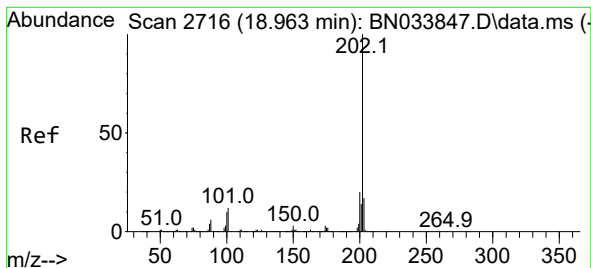
Tgt Ion:167 Resp: 628428
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.4 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 10.900 ng/ul
 RT: 17.886 min Scan# 2533
 Delta R.T. -0.000 min
 Lab File: BN033846.D
 Acq: 10 Sep 2024 18:01

Tgt Ion:149 Resp: 772245
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.6 4.3 6.5





#80

Fluoranthene

Concen: 11.052 ng/ul

RT: 18.963 min Scan# 2716

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

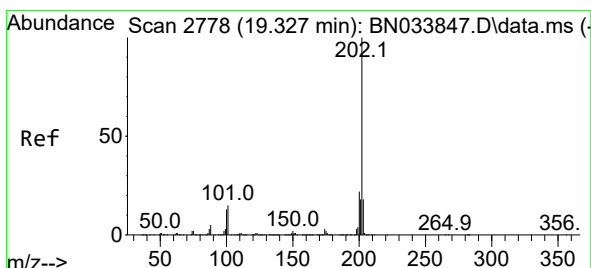
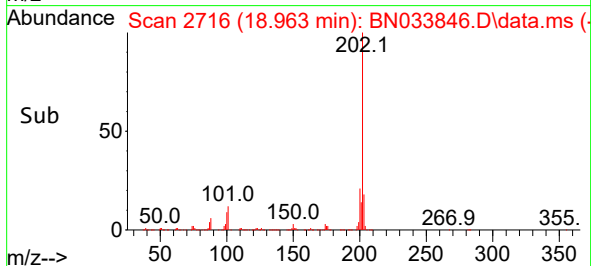
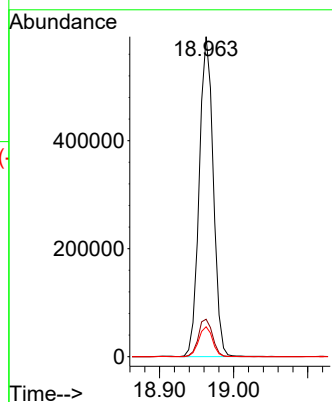
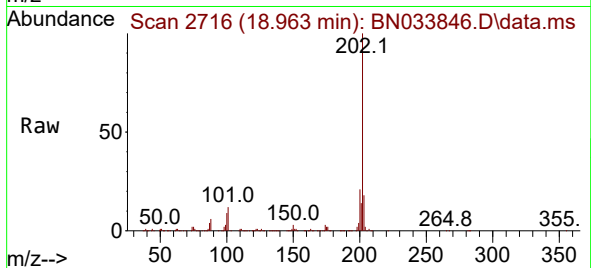
Tgt Ion:202 Resp: 778234

Ion Ratio Lower Upper

202 100

101 11.7 9.6 14.4

100 9.3 7.7 11.5



#82

Pyrene

Concen: 11.030 ng/ul

RT: 19.327 min Scan# 2778

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

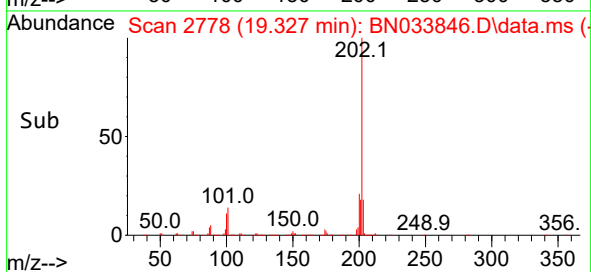
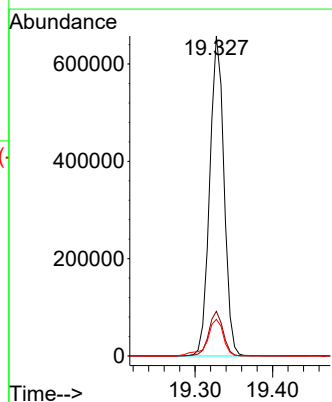
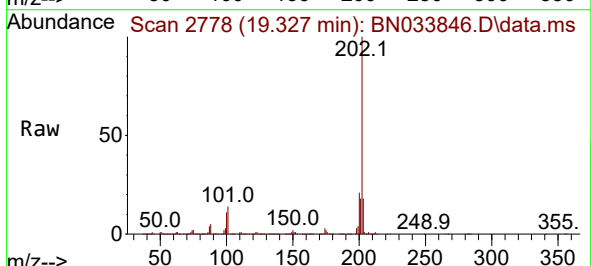
Tgt Ion:202 Resp: 841774

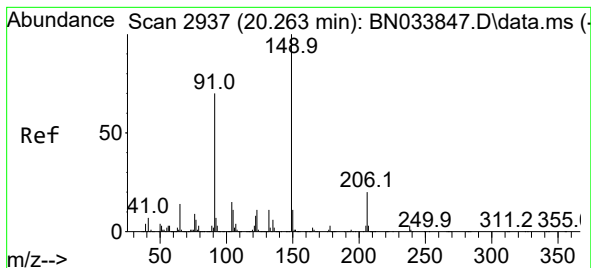
Ion Ratio Lower Upper

202 100

101 14.0 11.8 17.8

100 11.5 10.0 15.0





#83

Butylbenzylphthalate

Concen: 11.832 ng/ul

RT: 20.263 min Scan# 2937

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

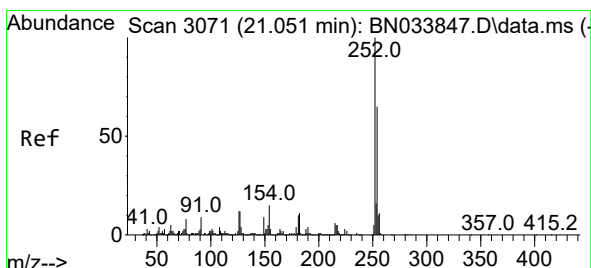
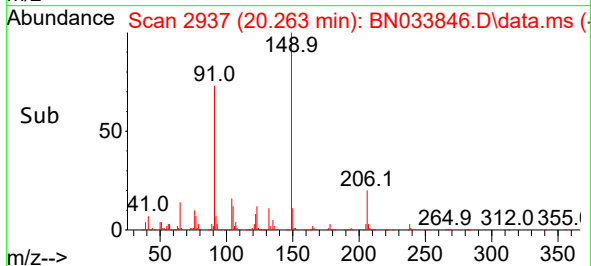
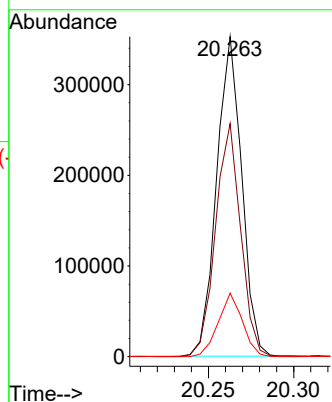
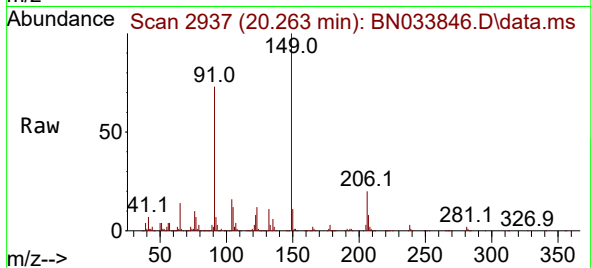
Tgt Ion:149 Resp: 361838

Ion Ratio Lower Upper

149 100

91 72.9 56.3 84.5

206 19.9 15.9 23.9



#84

3,3'-Dichlorobenzidine

Concen: 10.480 ng/ul

RT: 21.051 min Scan# 3071

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

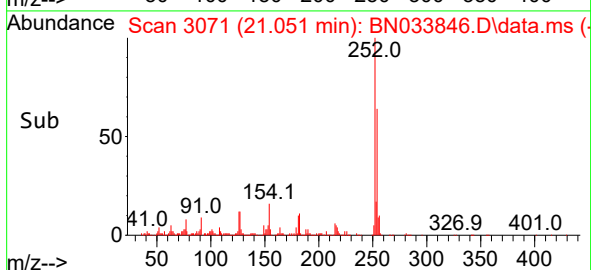
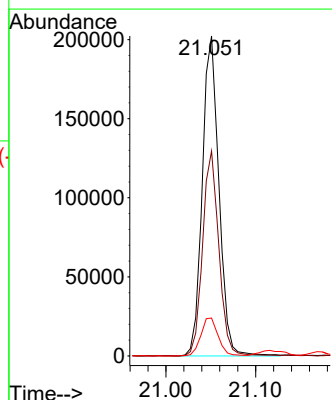
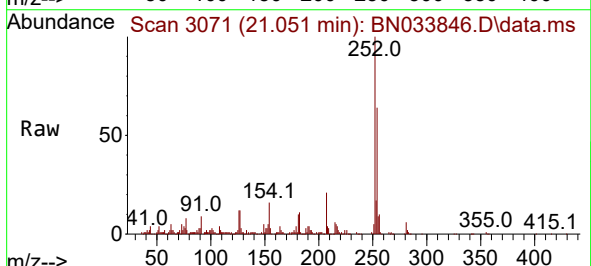
Tgt Ion:252 Resp: 260541

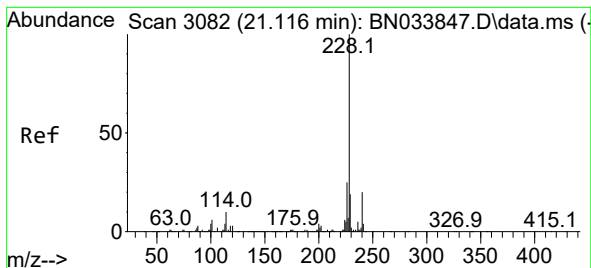
Ion Ratio Lower Upper

252 100

254 64.0 52.0 78.0

126 11.9 9.7 14.5





#85

Benzo(a)anthracene

Concen: 10.881 ng/ul

RT: 21.116 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

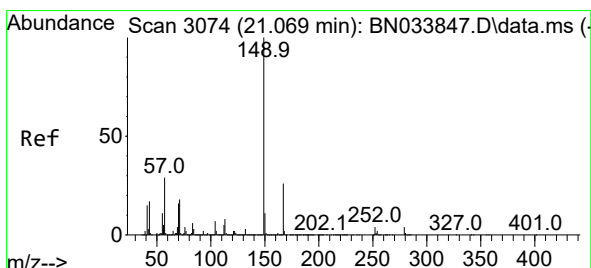
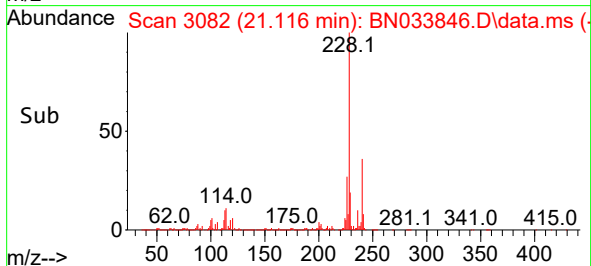
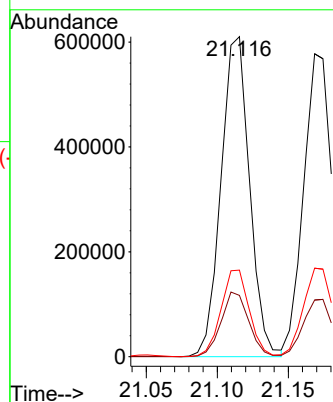
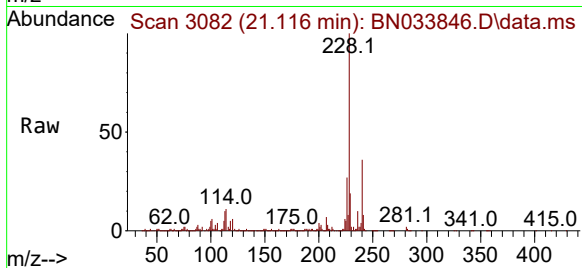
Tgt Ion:228 Resp: 853894

Ion Ratio Lower Upper

228 100

229 19.1 15.0 22.6

226 27.1 20.2 30.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 11.027 ng/ul

RT: 21.074 min Scan# 3075

Delta R.T. 0.006 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

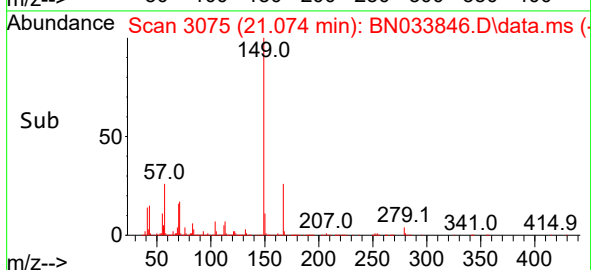
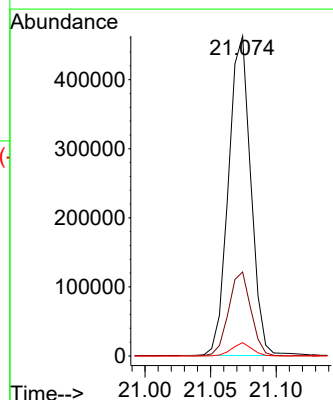
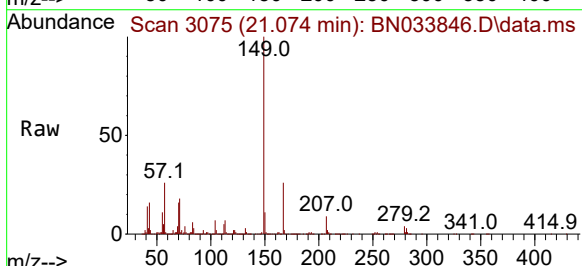
Tgt Ion:149 Resp: 547079

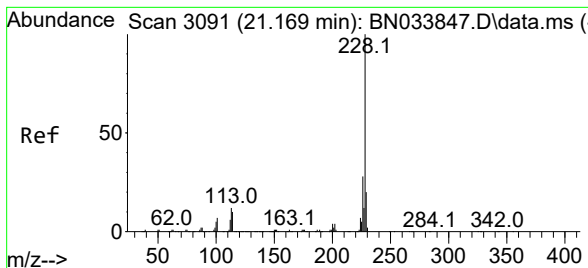
Ion Ratio Lower Upper

149 100

167 26.2 20.6 31.0

279 4.2 3.0 4.6





#87

Chrysene

Concen: 10.926 ng/ul

RT: 21.168 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

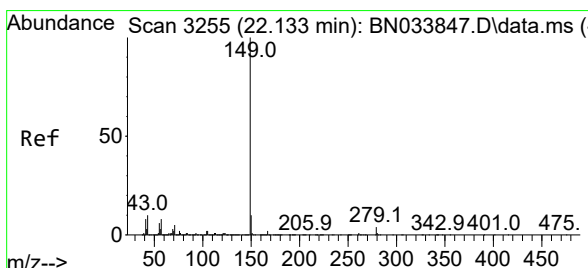
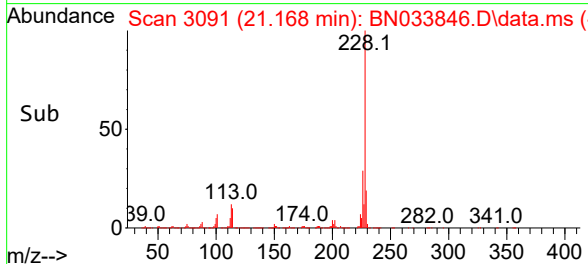
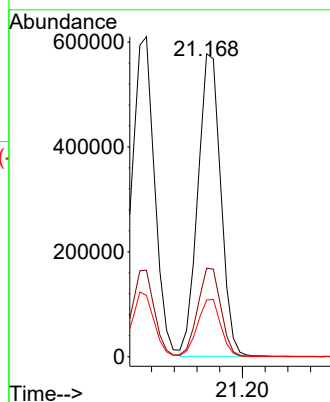
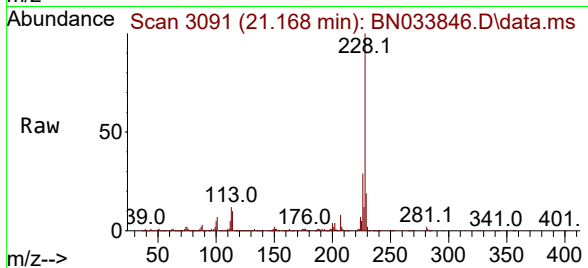
Tgt Ion:228 Resp: 806370

Ion Ratio Lower Upper

228 100

226 29.2 22.5 33.7

229 18.7 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 10.760 ng/ul

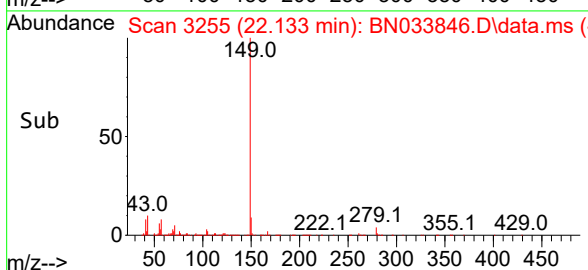
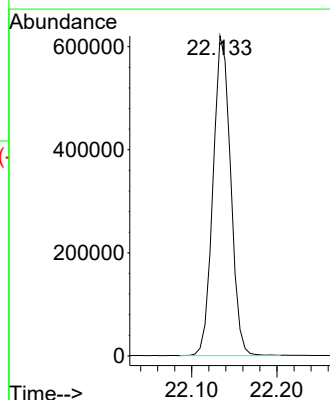
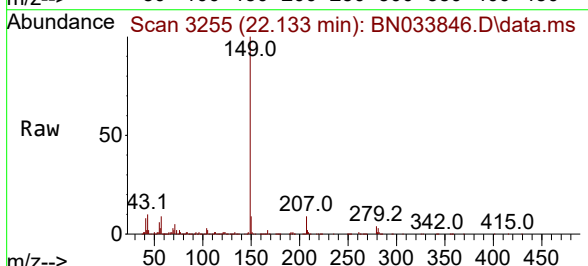
RT: 22.133 min Scan# 3255

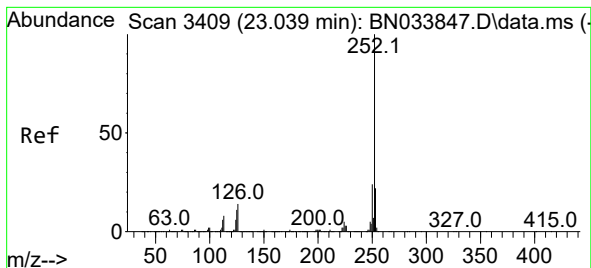
Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Tgt Ion:149 Resp: 887704





#90

Benzo(b)fluoranthene

Concen: 10.776 ng/ul

RT: 23.039 min Scan# 3409

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

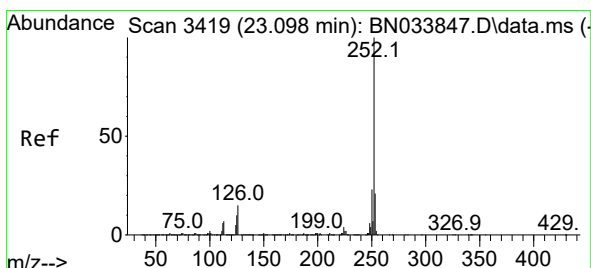
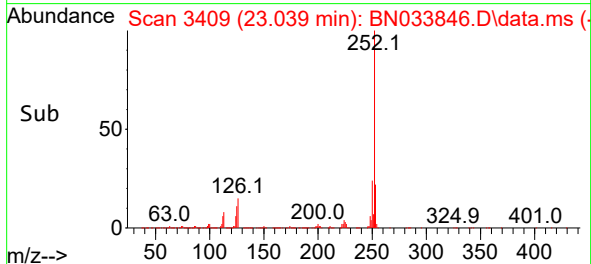
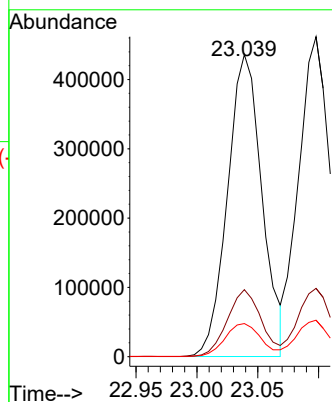
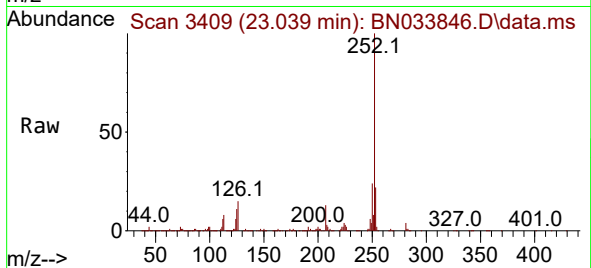
Tgt Ion:252 Resp: 858129

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 11.0 9.1 13.7



#91

Benzo(k)fluoranthene

Concen: 10.799 ng/ul

RT: 23.098 min Scan# 3419

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

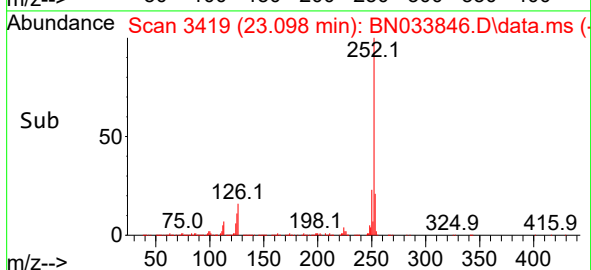
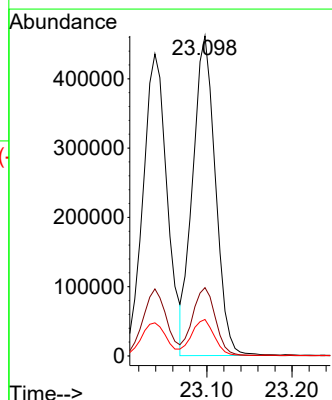
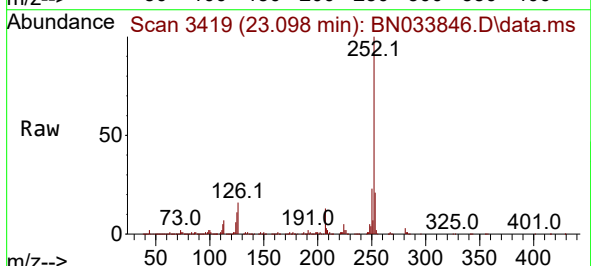
Tgt Ion:252 Resp: 853719

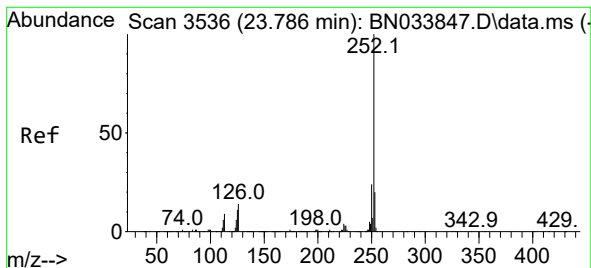
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 11.4 8.8 13.2





#93

Benzo(a)pyrene

Concen: 10.663 ng/ul

RT: 23.786 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

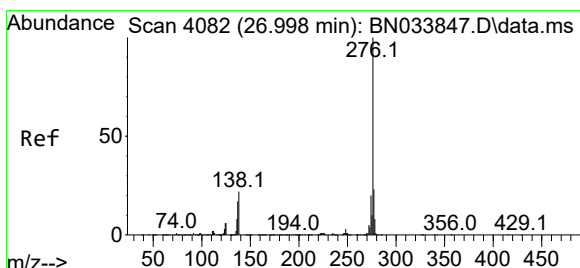
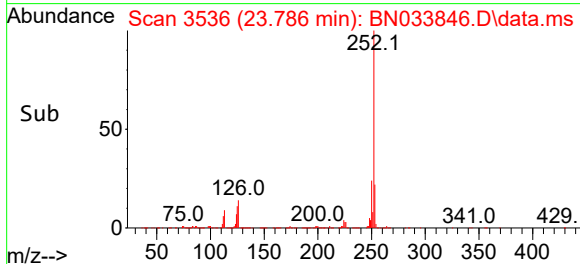
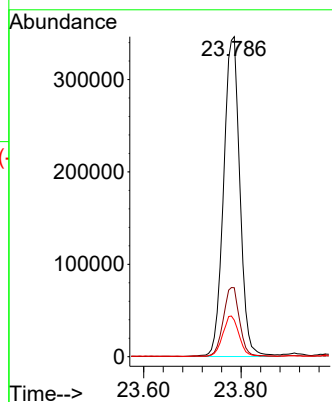
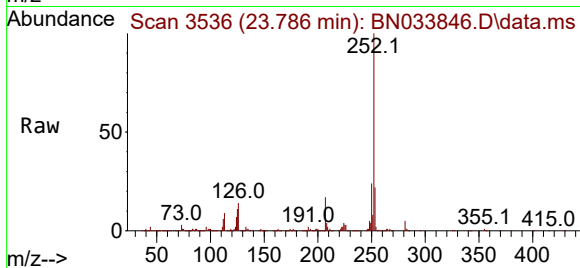
Tgt Ion:252 Resp: 804658

Ion Ratio Lower Upper

252 100

253 21.6 15.8 23.8

125 11.4 9.0 13.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.389 ng/ul

RT: 26.998 min Scan# 4082

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

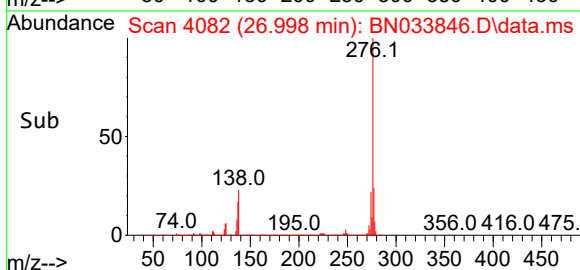
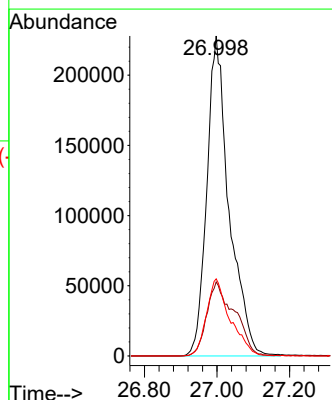
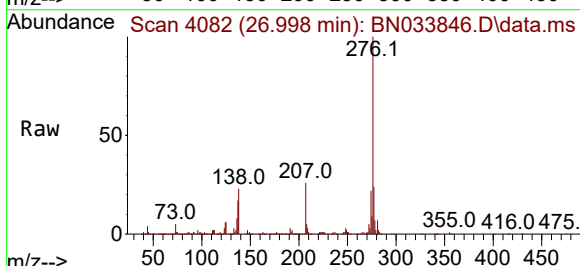
Tgt Ion:276 Resp: 972973

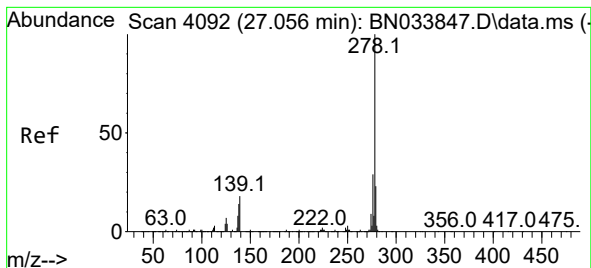
Ion Ratio Lower Upper

276 100

138 23.2 17.7 26.5

277 24.1 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 10.418 ng/ul

RT: 27.051 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Instrument :

BNA_N

ClientSampleId :

SSTD010218

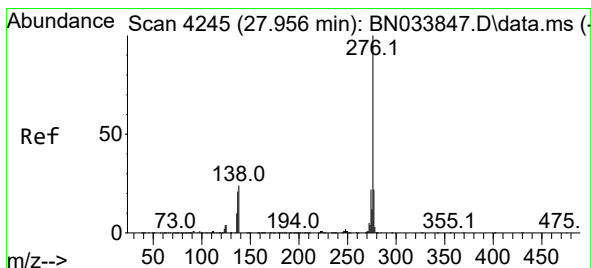
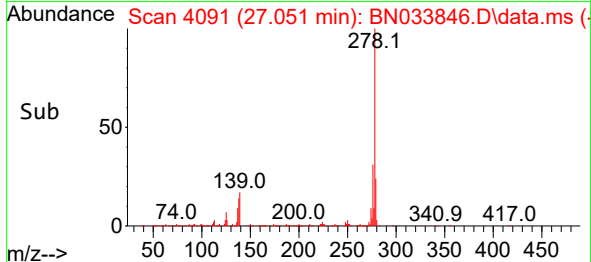
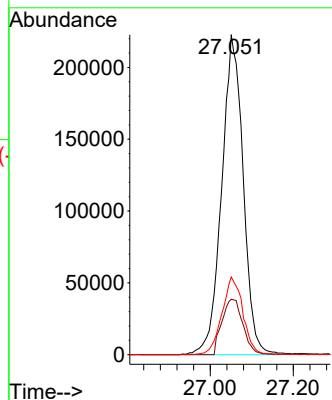
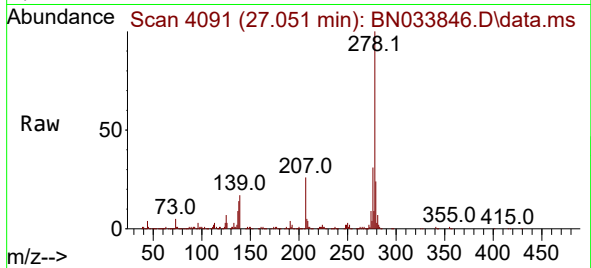
Tgt Ion:278 Resp: 798972

Ion Ratio Lower Upper

278 100

139 17.3 14.2 21.2

279 24.3 18.1 27.1



#96

Benzo(g,h,i)perylene

Concen: 10.502 ng/ul

RT: 27.956 min Scan# 4245

Delta R.T. -0.000 min

Lab File: BN033846.D

Acq: 10 Sep 2024 18:01

Tgt Ion:276 Resp: 755839

Ion Ratio Lower Upper

276 100

138 24.8 19.0 28.4

277 23.1 18.0 27.0

