

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
 Data File : BN022761.D
 Acq On : 18 Nov 2022 17:41
 Operator : CG/JU
 Sample : PB149148BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS148

Quant Time: Nov 18 21:49:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 18 05:17:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	57979	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	283724	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	191543	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	386403	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	408668	20.000	ng/u1	0.00
88) Perylene-d12	23.880	264	406703	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10155	5.980	ng/uL	0.00
4) Pyridine-d5	3.611	84	135416	28.197	ng/u1	0.00
7) Phenol-d5	7.022	99	188854	34.488	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	115222	35.094	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	135473	33.781	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	155711	36.018	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	73150	33.308	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	82299	33.585	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	142323	34.069	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	207007	32.532	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	479630	34.426	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	521790	33.991	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	94630	34.072	ng/u1	0.00
60) Fluorene-d10	15.522	176	396689	34.717	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	82321	33.518	ng/u1	0.00
73) Anthracene-d10	17.381	188	610904	36.106	ng/u1	0.00
81) Pyrene-d10	19.686	212	693472	32.744	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	714011	34.924	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	19145	10.594	ng/uL#	95
5) Pyridine	3.634	79	143183	30.069	ng/u1	99
6) Benzaldehyde	6.993	77	118819	42.887	ng/u1	98
8) Phenol	7.052	94	191064	33.501	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.281	93	144684	32.556	ng/u1	98
12) 2-Chlorophenol	7.410	128	140692	32.856	ng/u1	96
13) 2-Methylphenol	8.310	108	141017	33.218	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	205986	35.113	ng/u1	98
16) Acetophenone	8.693	105	241095	34.941	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	134609	36.604	ng/u1	98
18) 4-Methylphenol	8.646	108	159417	34.584	ng/u1	95
19) Hexachloroethane	8.934	117	58034	32.010	ng/u1	100
22) Nitrobenzene	9.075	77	194566	32.700	ng/u1	99
23) Isophorone	9.604	82	379498	33.344	ng/u1	99
25) 2-Nitrophenol	9.793	139	86327	32.043	ng/u1	99
26) 2,4-Dimethylphenol	9.852	107	178953	30.966	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.093	93	215326	32.808	ng/u1	100
29) 2,4-Dichlorophenol	10.322	162	141396	33.301	ng/u1	98
30) Naphthalene	10.722	128	487458	32.369	ng/u1	100
32) 4-Chloroaniline	10.846	127	211312	31.798	ng/u1	97
33) Hexachlorobutadiene	10.999	225	85263	32.624	ng/u1	97
34) Caprolactam	11.640	113	29394	18.248	ng/u1	96
35) 4-Chloro-3-methylphenol	11.981	107	192865	34.828	ng/u1	98
36) 2-Methylnaphthalene	12.340	142	338981	33.043	ng/u1	97

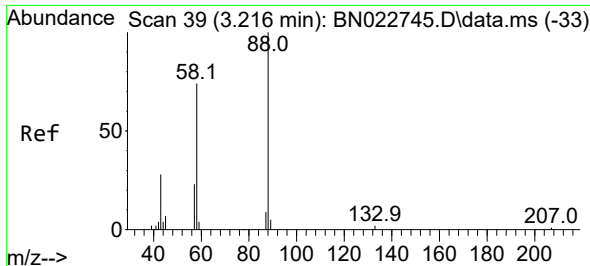
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	338627	32.928	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.710	216	157834	30.700	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	78817	26.257	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	114233	31.294	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	126324	32.680	ng/ul	94
43) 1,1'-Biphenyl	13.357	154	448489	31.899	ng/ul	97
44) 2-Chloronaphthalene	13.398	162	343582	31.361	ng/ul	97
45) 2-Nitroaniline	13.622	65	134280	33.750	ng/ul	97
47) Dimethylphthalate	13.992	163	479879	32.771	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	99229	33.476	ng/ul	96
50) Acenaphthylene	14.245	152	558278	32.555	ng/ul	98
51) 3-Nitroaniline	14.445	138	106480	33.362	ng/ul	98
52) Acenaphthene	14.592	153	395410	32.498	ng/ul	95
53) 2,4-Dinitrophenol	14.663	184	57066	27.548	ng/ul	96
55) 4-Nitrophenol	14.763	109	91511	33.240	ng/ul	99
56) Dibenzofuran	14.922	168	522211	32.483	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	146375	33.910	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	109740	33.147	ng/ul	96
59) Diethylphthalate	15.351	149	515602	33.220	ng/ul	99
61) Fluorene	15.575	166	445104	33.154	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.569	204	211052	33.350	ng/ul	98
63) 4-Nitroaniline	15.616	138	109228	38.375	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	81202	31.986	ng/ul	97
67) N-Nitrosodiphenylamine	15.792	169	385473	33.319	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	123419	32.435	ng/ul	92
69) Hexachlorobenzene	16.581	284	150810	33.905	ng/ul	92
70) Atrazine	16.745	200	130424	31.627	ng/ul	99
71) Pentachlorophenol	16.928	266	92509	32.734	ng/ul	90
72) Phenanthrene	17.322	178	707137	33.953	ng/ul	97
74) Anthracene	17.416	178	701350	33.246	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	161424	31.679	ng/ul	96
76) Pentachlorobenzene	14.839	250	164731	29.954	ng/ul	98
77) Carbazole	17.692	167	659982	33.671	ng/ul	99
78) Di-n-butylphthalate	18.251	149	909487	32.603	ng/ul	100
80) Fluoranthene	19.345	202	818749	30.975	ng/ul	96
82) Pyrene	19.716	202	861280	31.809	ng/ul	99
83) Butylbenzylphthalate	20.616	149	428336	31.078	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	320103	35.500	ng/ul	99
85) Benzo(a)anthracene	21.469	228	843490	31.256	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	649885	31.947	ng/ul	98
87) Chrysene	21.522	228	791220	30.960	ng/ul	96
89) Di-n-octyl phthalate	22.316	149	1157507	32.361	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	893882	32.432	ng/ul	96
91) Benzo(k)fluoranthene	23.198	252	863809	33.017	ng/ul	97
93) Benzo(a)pyrene	23.780	252	762352	32.632	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	938747	35.332	ng/ul	95
95) Dibenzo(a,h)anthracene	26.415	278	848851	35.646	ng/ul	97
96) Benzo(g,h,i)perylene	27.174	276	807012	34.836	ng/ul	97

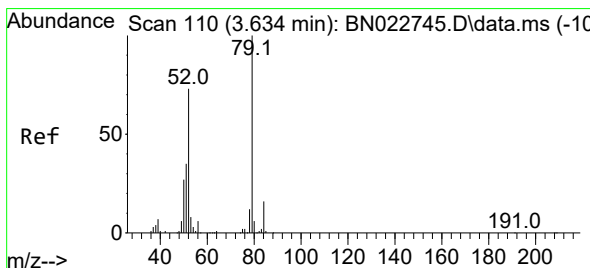
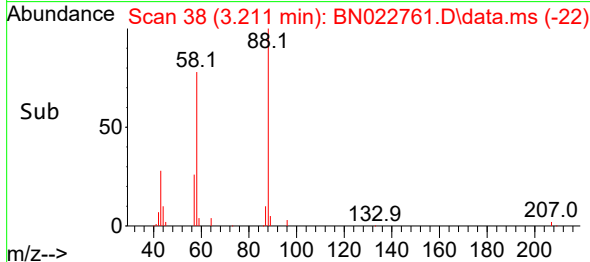
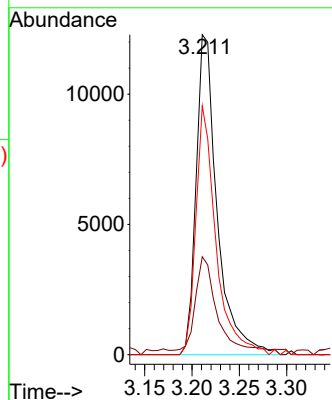
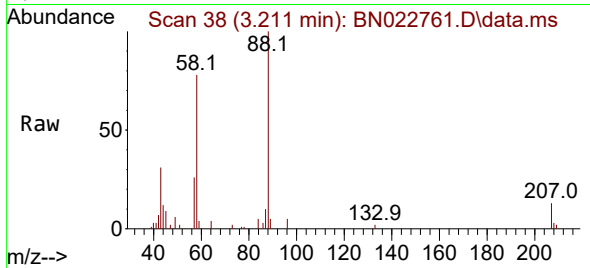
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#2
1,4-Dioxane
Concen: 10.594 ng/uL
RT: 3.211 min Scan# 30
Delta R.T. -0.006 min
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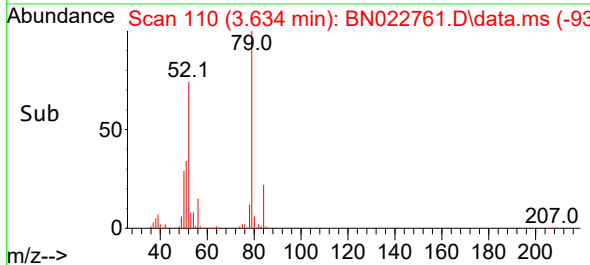
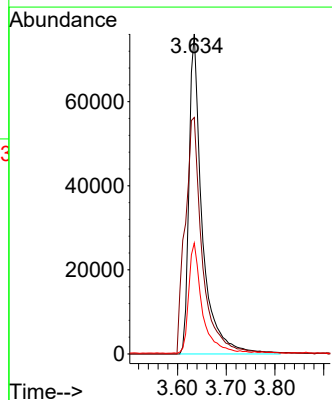
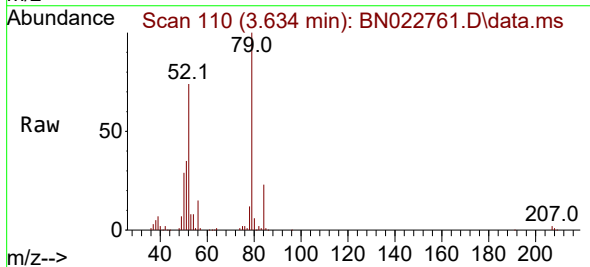
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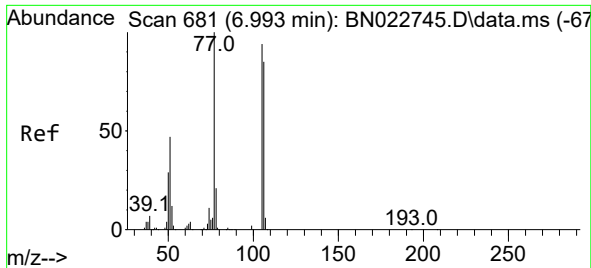
Tgt Ion: 88 Resp: 19145
Ion Ratio Lower Upper
88 100
43 30.6 30.8 46.2#
58 77.8 61.7 92.5



#5
Pyridine
Concen: 30.069 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion: 79 Resp: 143183
Ion Ratio Lower Upper
79 100
52 73.9 58.6 88.0
51 34.7 28.8 43.2

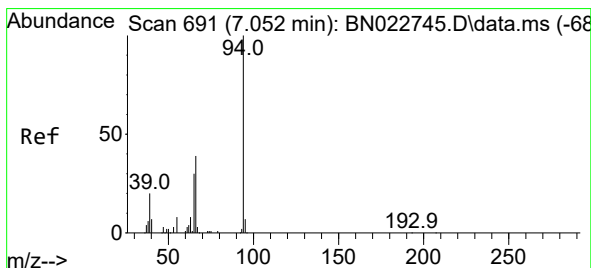
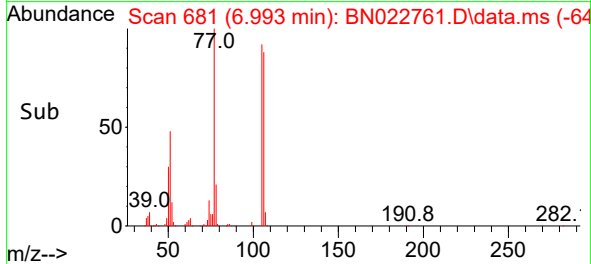
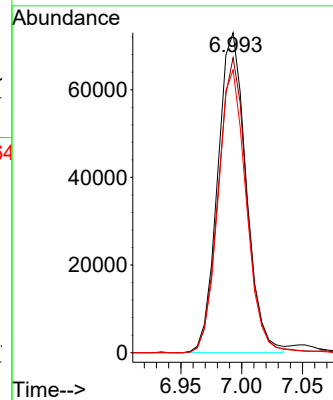
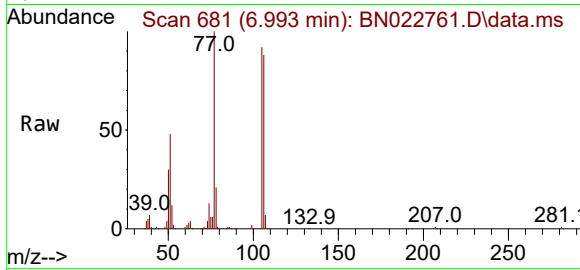




#6
Benzaldehyde
Concen: 42.887 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

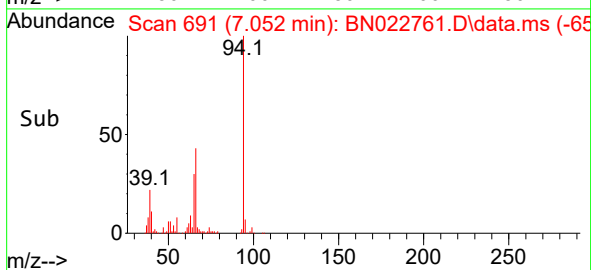
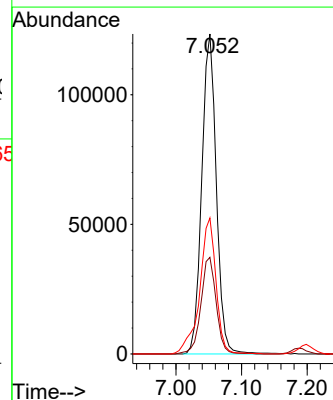
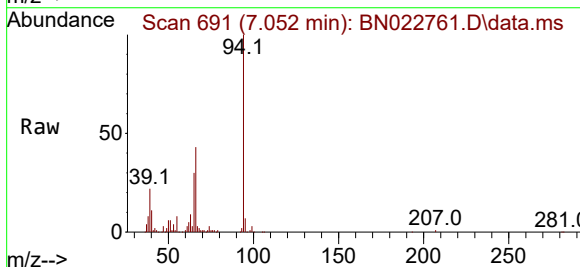
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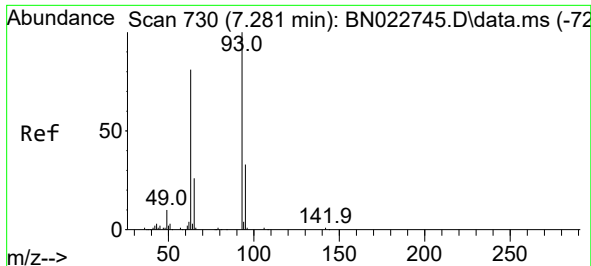
Tgt Ion: 77 Resp: 118819
Ion Ratio Lower Upper
77 100
105 92.2 75.2 112.8
106 88.4 69.0 103.6



#8
Phenol
Concen: 33.501 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion: 94 Resp: 191064
Ion Ratio Lower Upper
94 100
65 30.2 24.3 36.5
66 42.5 33.5 50.3

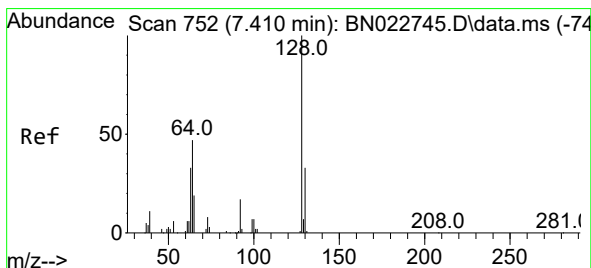
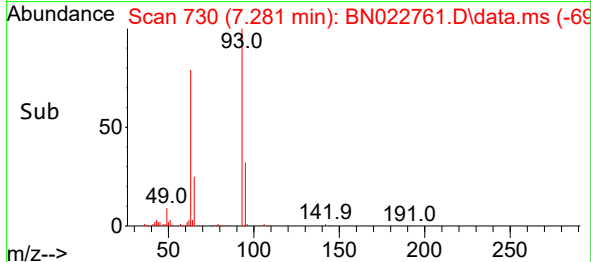
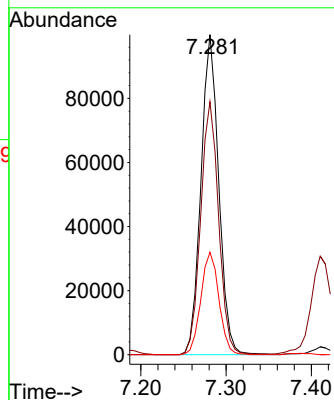
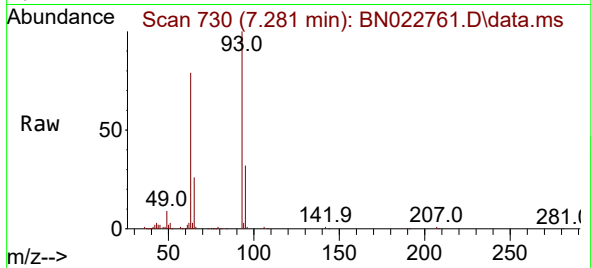




#10
Bis(2-Chloroethyl)ether
Concen: 32.556 ng/ul
RT: 7.281 min Scan# 730
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

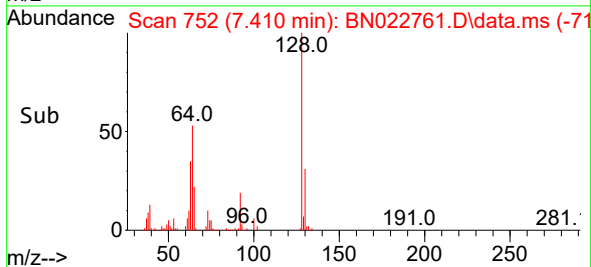
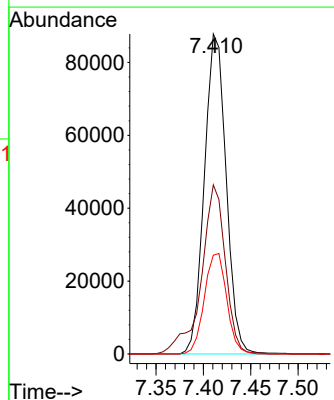
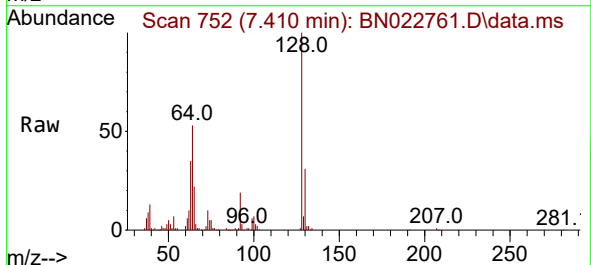
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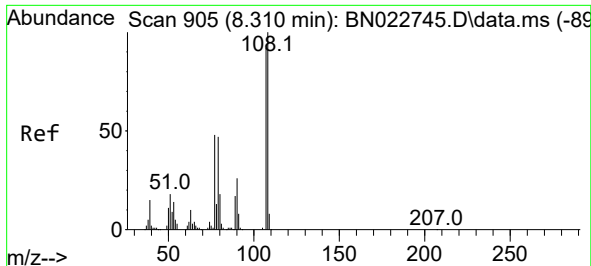
Tgt Ion: 93 Resp: 144684
Ion Ratio Lower Upper
93 100
63 79.0 61.8 92.6
95 32.0 26.3 39.5



#12
2-Chlorophenol
Concen: 32.856 ng/ul
RT: 7.410 min Scan# 752
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:128 Resp: 140692
Ion Ratio Lower Upper
128 100
64 52.8 40.0 60.0
130 30.9 26.3 39.5





#13

2-Methylphenol

Concen: 33.218 ng/ul

RT: 8.310 min Scan# 905

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

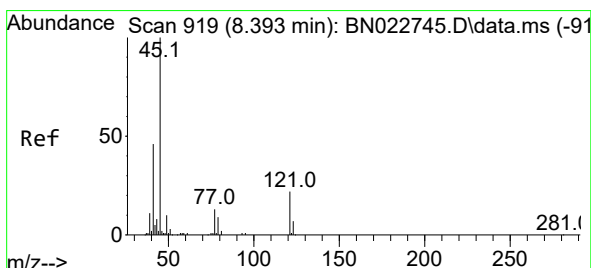
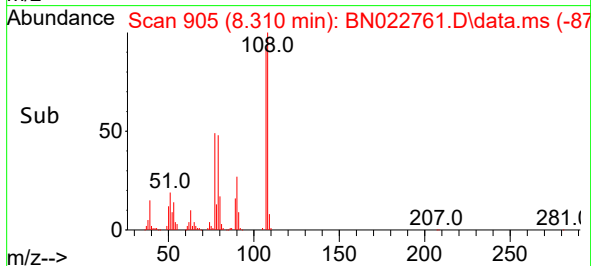
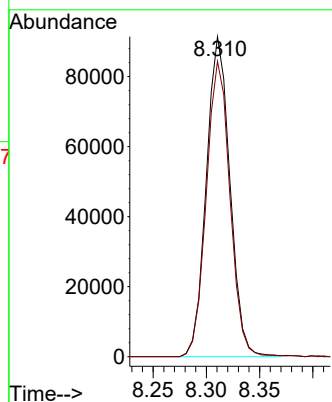
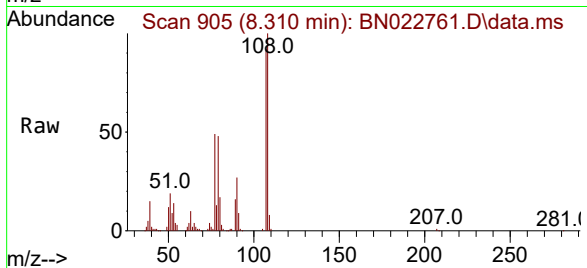
SLCS148

Tgt Ion:108 Resp: 141017

Ion Ratio Lower Upper

108 100

107 92.3 74.1 111.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.113 ng/ul

RT: 8.399 min Scan# 920

Delta R.T. 0.006 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

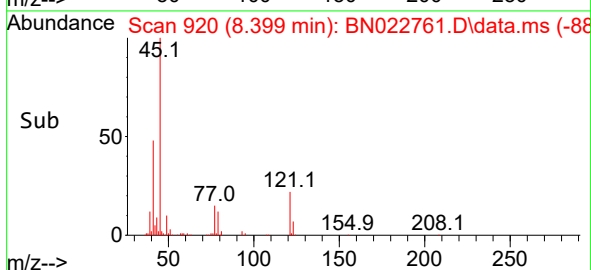
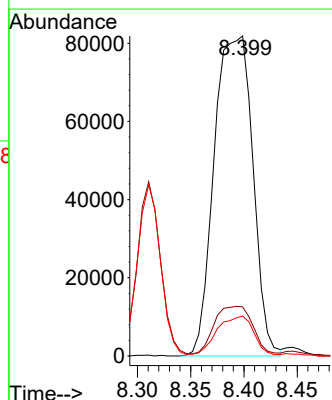
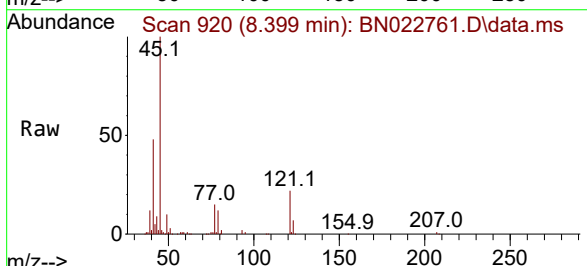
Tgt Ion: 45 Resp: 205986

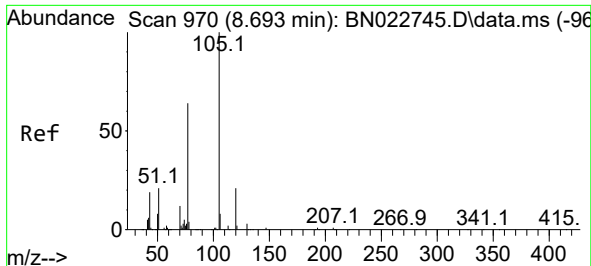
Ion Ratio Lower Upper

45 100

77 15.3 13.0 19.4

79 12.4 9.5 14.3

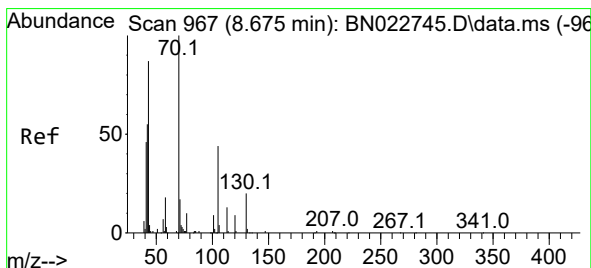
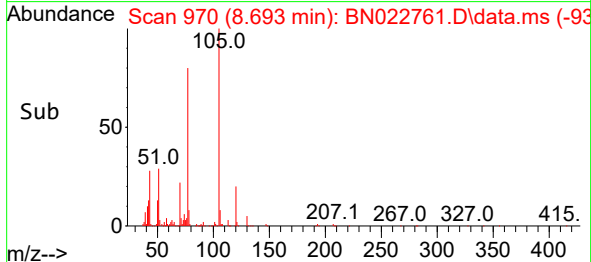
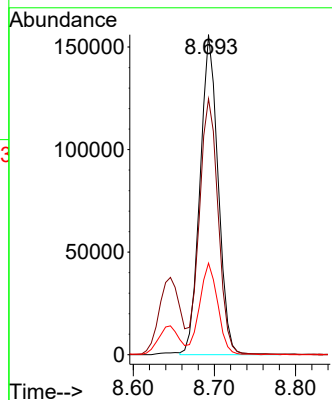
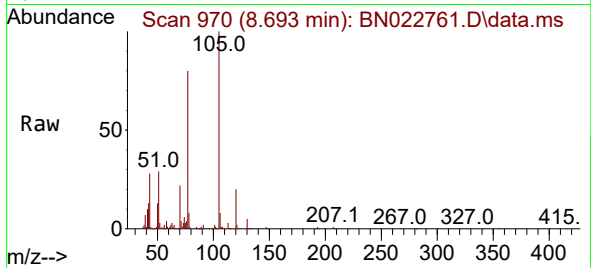




#16
Acetophenone
Concen: 34.941 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022761.D
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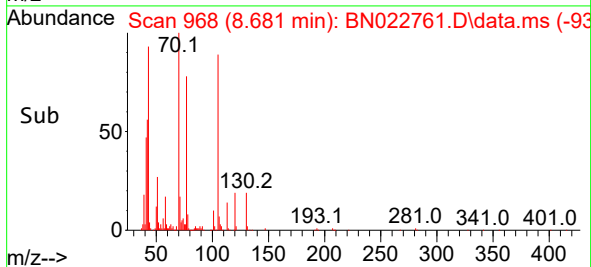
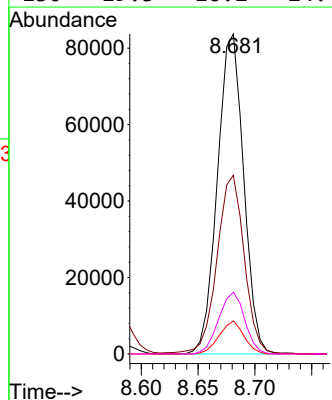
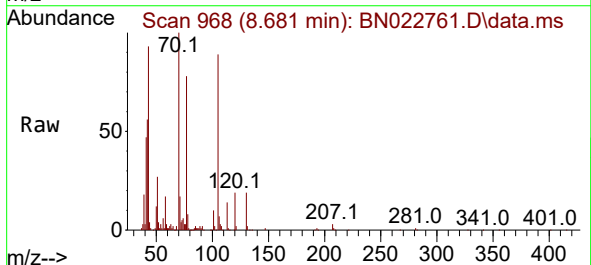
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BNA_N
ClientSampleId :
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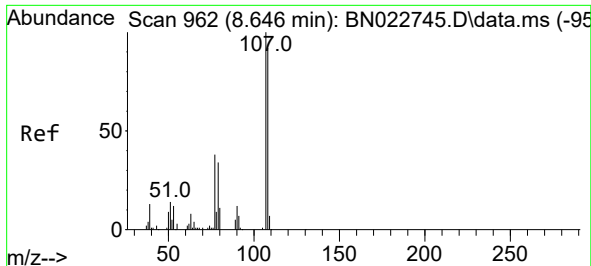
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Ion Ratio Lower Upper
105 100
77 79.9 64.0 96.0
51 28.6 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 36.604 ng/ul
RT: 8.681 min Scan# 968
Delta R.T. 0.006 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion: 70 Resp: 134609
Ion Ratio Lower Upper
70 100
42 55.9 43.4 65.2
101 10.3 8.0 12.0
130 19.3 16.2 24.4

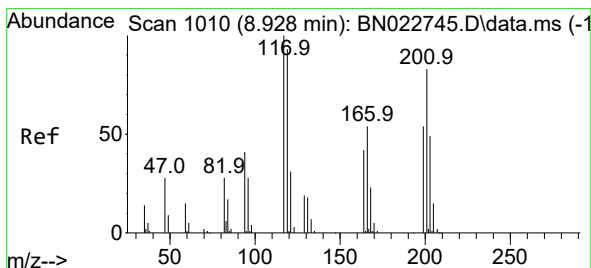
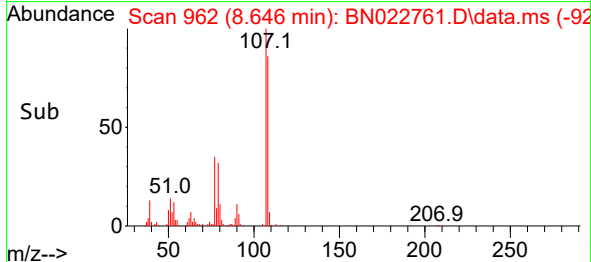
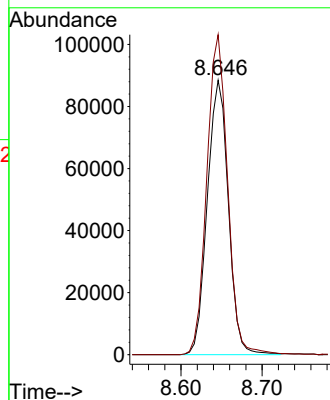
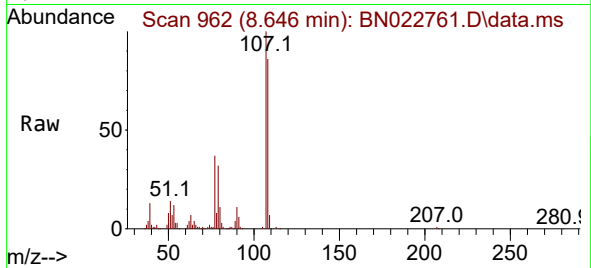




#18
4-Methylphenol
Concen: 34.584 ng/ul
RT: 8.646 min Scan# 962
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

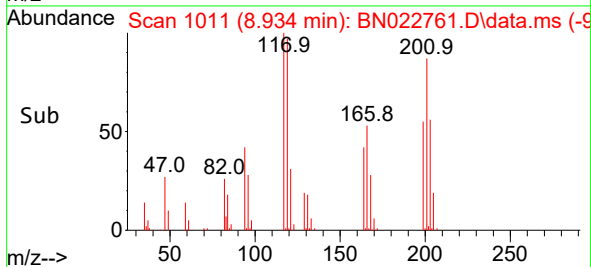
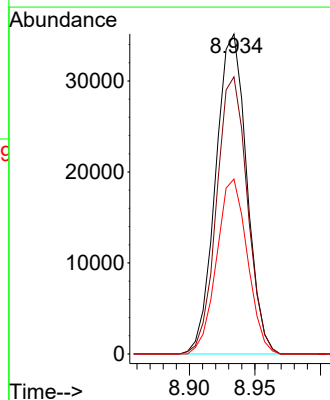
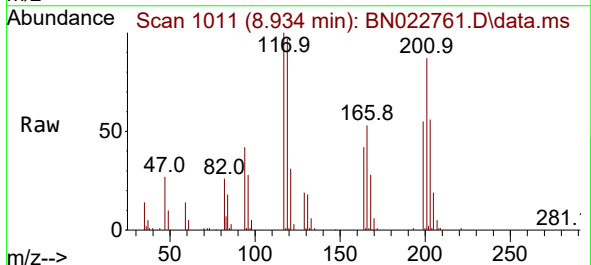
Instrument :
BNA_N
ClientSampleId :
SLCS148

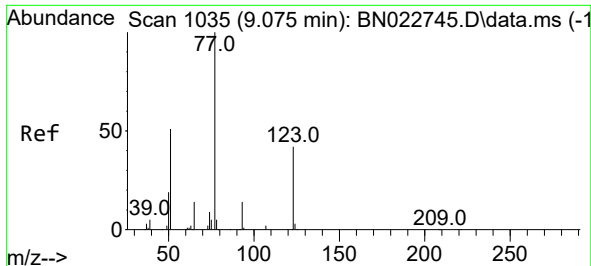
Tgt Ion:108 Resp: 159417
Ion Ratio Lower Upper
108 100
107 116.6 89.4 134.2



#19
Hexachloroethane
Concen: 32.010 ng/ul
RT: 8.934 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:117 Resp: 58034
Ion Ratio Lower Upper
117 100
201 86.6 69.5 104.3
199 54.6 43.9 65.9

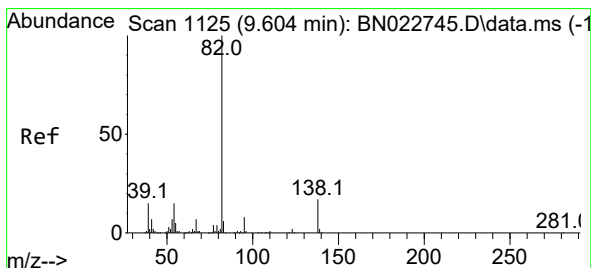
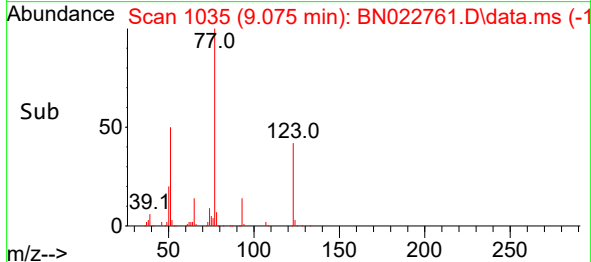
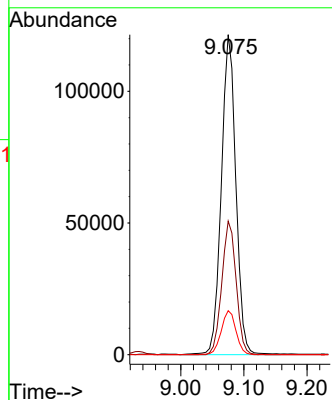
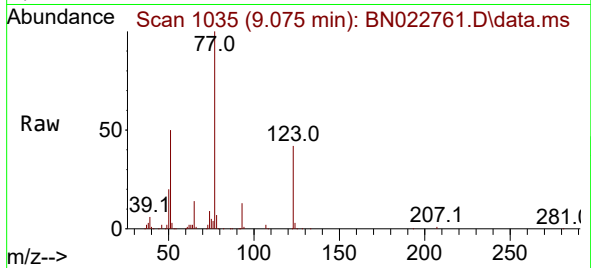




#22
Nitrobenzene
Concen: 32.700 ng/ul
RT: 9.075 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

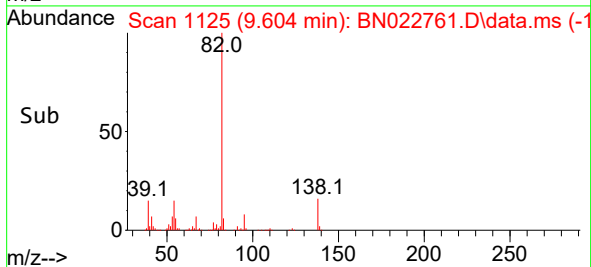
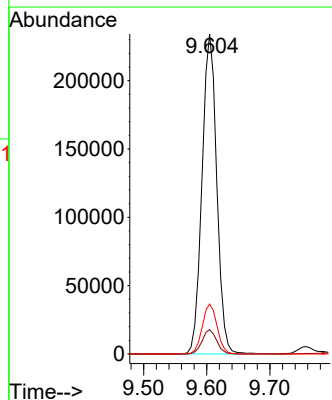
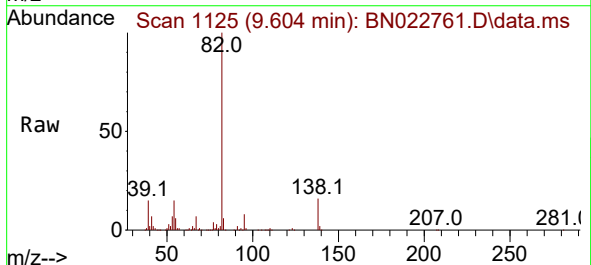
Instrument :
BNA_N
ClientSampleId :
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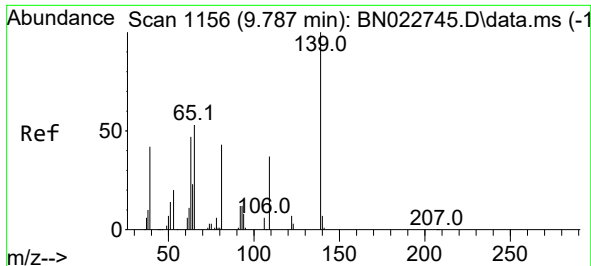
Tgt Ion: 77 Resp: 194566
Ion Ratio Lower Upper
77 100
123 41.8 32.6 49.0
65 13.8 10.7 16.1



#23
Isophorone
Concen: 33.344 ng/ul
RT: 9.604 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion: 82 Resp: 379498
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 15.6 12.8 19.2

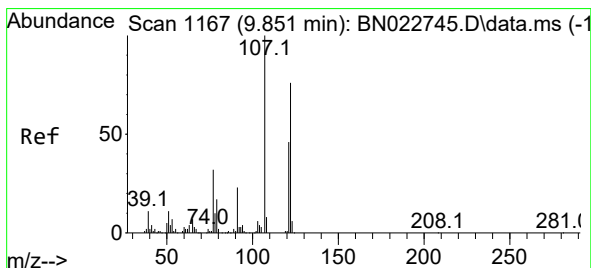
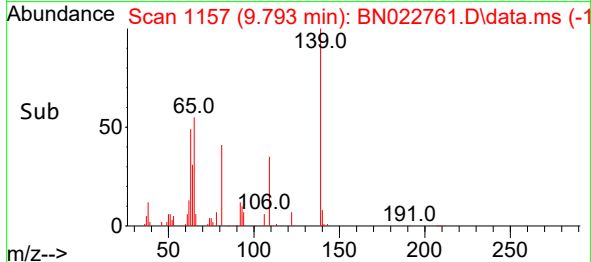
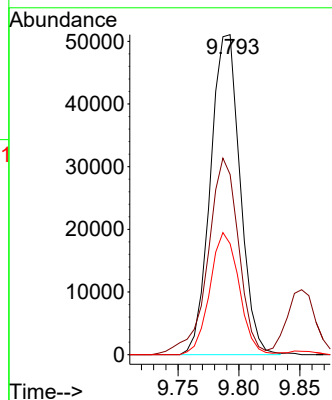
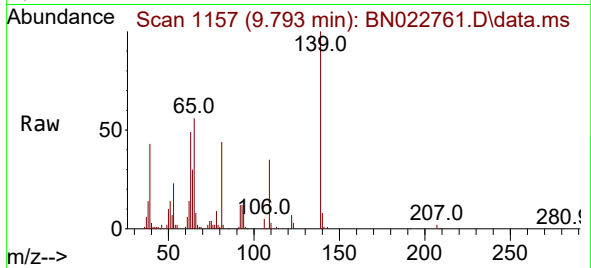




#25
2-Nitrophenol
Concen: 32.043 ng/ul
RT: 9.793 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

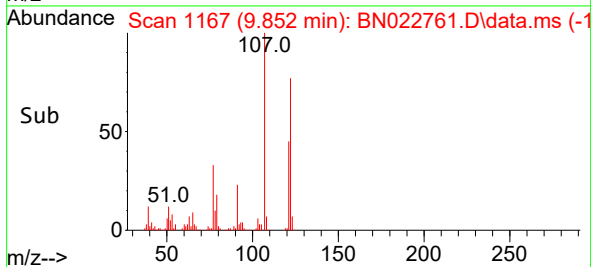
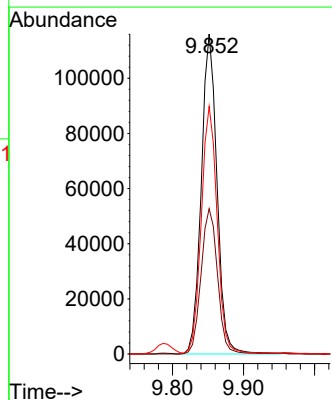
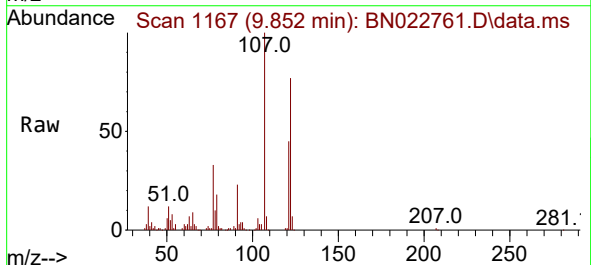
Instrument :
BNA_N
ClientSampleId :
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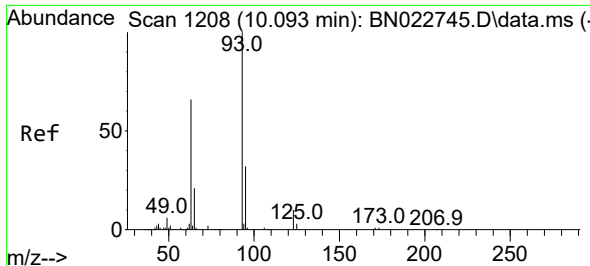
Tgt Ion:139 Resp: 86327
Ion Ratio Lower Upper
139 100
65 56.3 45.4 68.2
109 34.7 27.9 41.9



#26
2,4-Dimethylphenol
Concen: 30.966 ng/ul
RT: 9.852 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:107 Resp: 178953
Ion Ratio Lower Upper
107 100
121 45.4 38.5 57.7
122 77.3 64.1 96.1

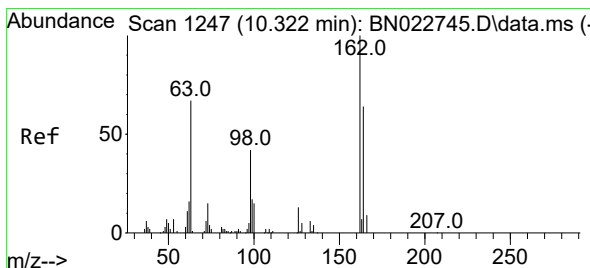
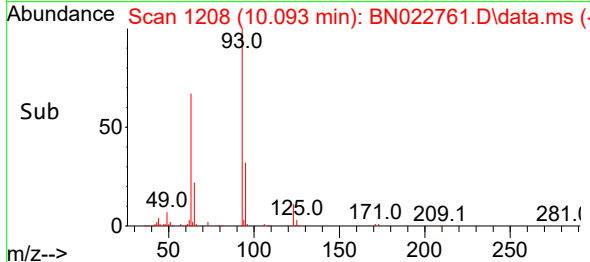
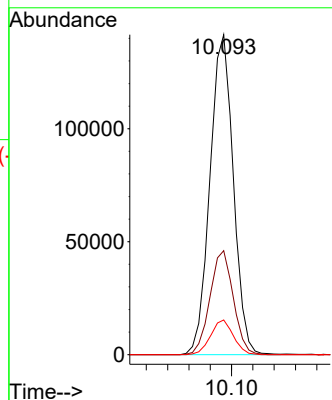
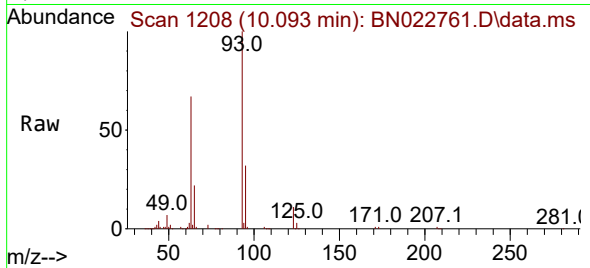




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.808 ng/ul
 RT: 10.093 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: BN022761.D
 Acq: 18 Nov 2022 17:41

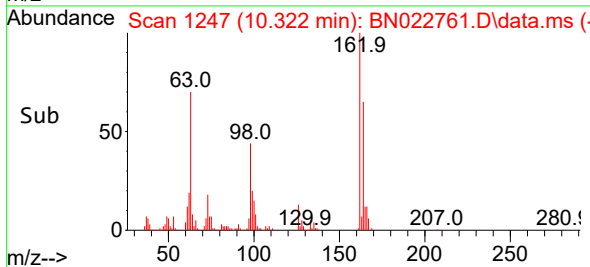
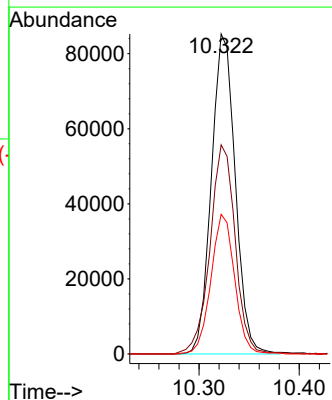
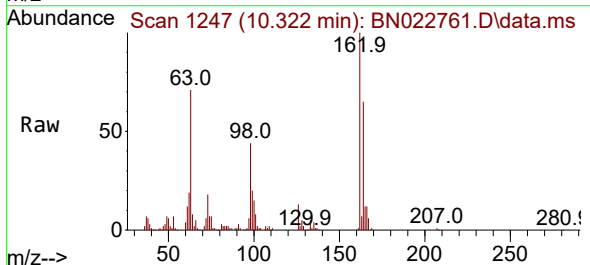
Instrument :
 BNA_N
 ClientSampleId :
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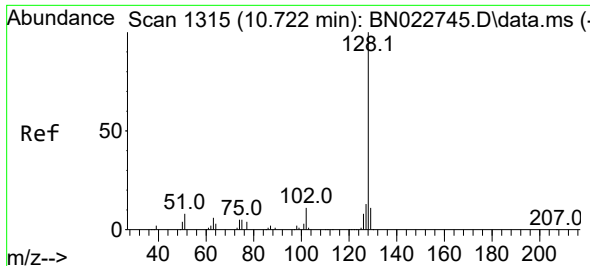
Tgt Ion: 93 Resp: 215326
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.6
 123 10.8 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 33.301 ng/ul
 RT: 10.322 min Scan# 1247
 Delta R.T. -0.000 min
 Lab File: BN022761.D
 Acq: 18 Nov 2022 17:41

Tgt Ion:162 Resp: 141396
 Ion Ratio Lower Upper
 162 100
 164 65.3 51.9 77.9
 98 43.6 33.1 49.7

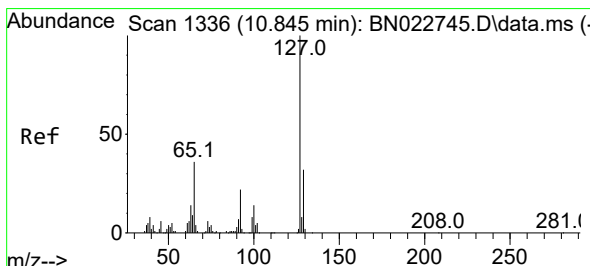
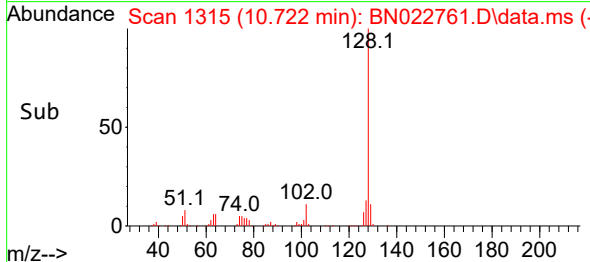
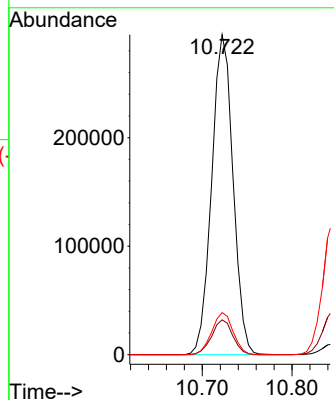
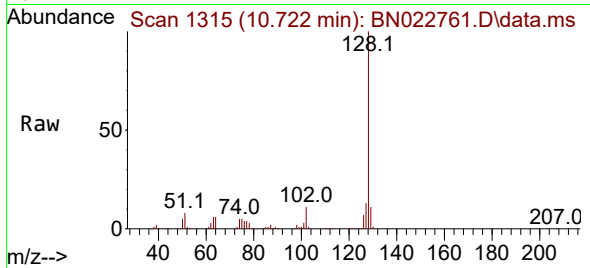




#30
Naphthalene
Concen: 32.369 ng/ul
RT: 10.722 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

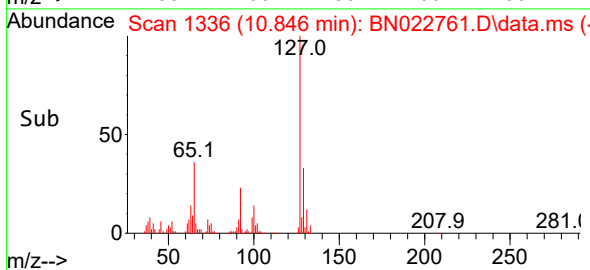
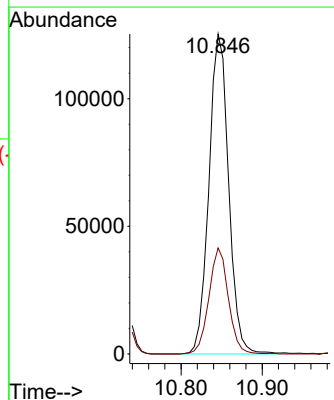
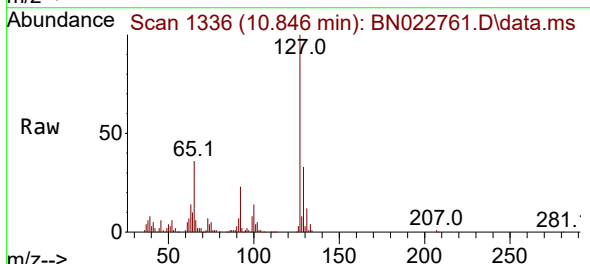
Instrument :
BNA_N
ClientSampleId :
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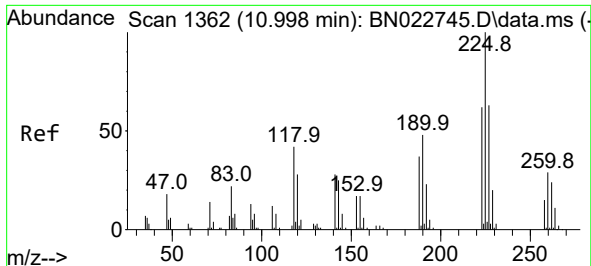
Tgt Ion:128 Resp: 487458
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.6 16.0



#32
4-Chloroaniline
Concen: 31.798 ng/ul
RT: 10.846 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:127 Resp: 211312
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.0

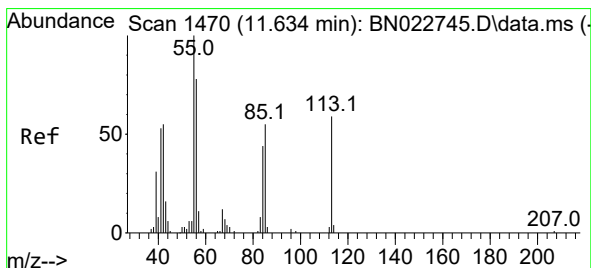
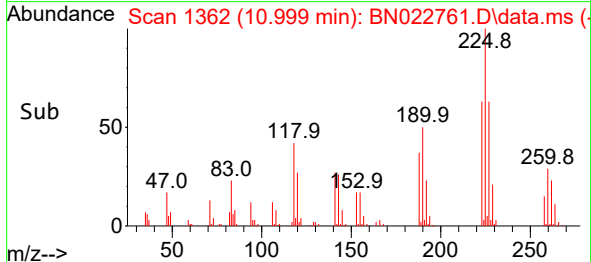
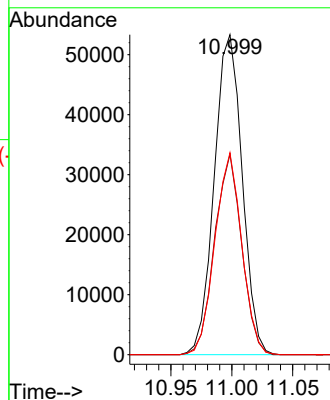
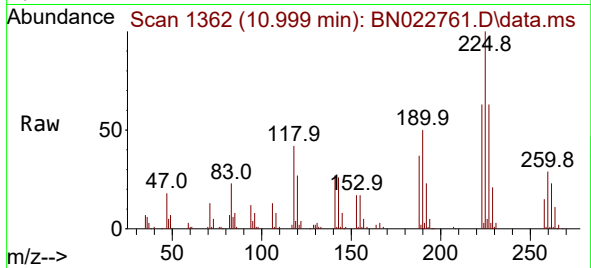




#33
Hexachlorobutadiene
Concen: 32.624 ng/ul
RT: 10.999 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

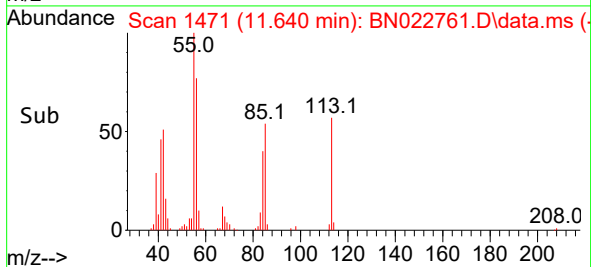
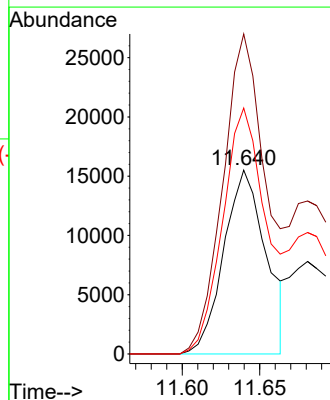
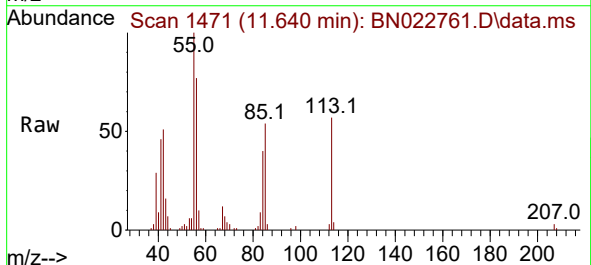
Instrument :
BNA_N
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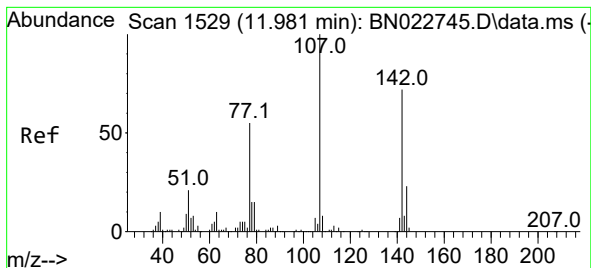
Tgt Ion:225 Resp: 85263
Ion Ratio Lower Upper
225 100
223 62.6 48.6 73.0
227 63.1 47.8 71.8



#34
Caprolactam
Concen: 18.248 ng/ul
RT: 11.640 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:113 Resp: 29394
Ion Ratio Lower Upper
113 100
55 174.1 133.8 200.8
56 133.8 103.8 155.6

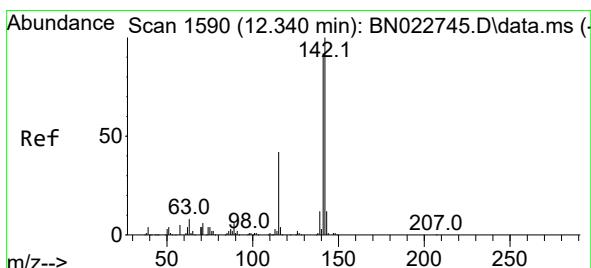
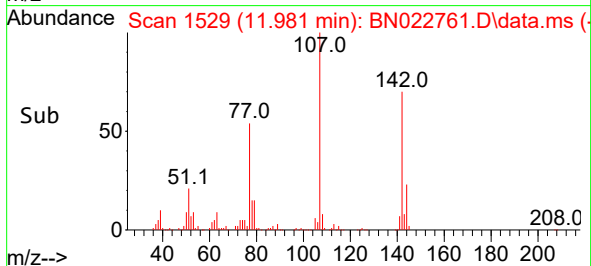
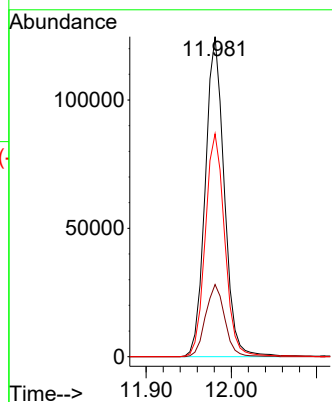
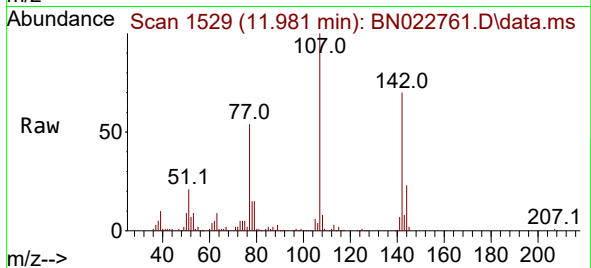




#35
4-Chloro-3-methylphenol
Concen: 34.828 ng/ul
RT: 11.981 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

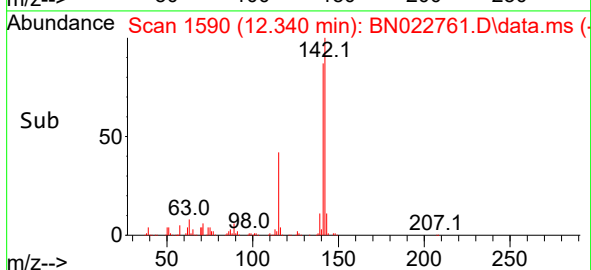
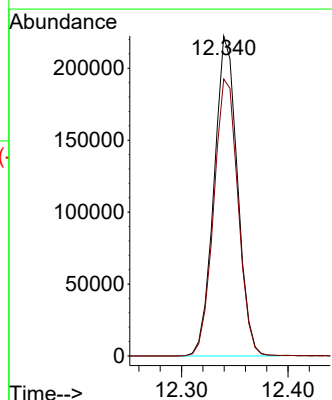
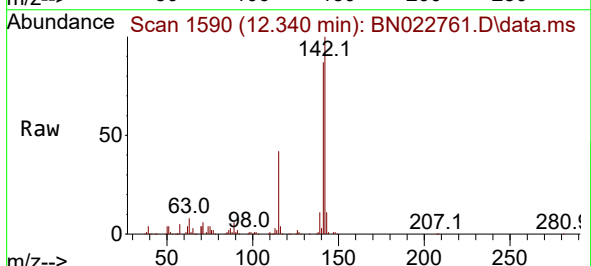
Instrument :
BNA_N
ClientSampleId :
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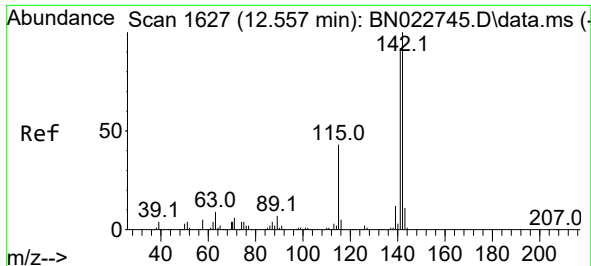
Tgt Ion:107 Resp: 192865
Ion Ratio Lower Upper
107 100
144 22.5 19.0 28.4
142 69.6 57.0 85.6



#36
2-Methylnaphthalene
Concen: 33.043 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:142 Resp: 338981
Ion Ratio Lower Upper
142 100
141 86.6 71.2 106.8

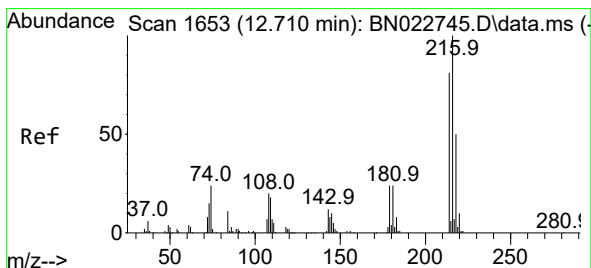
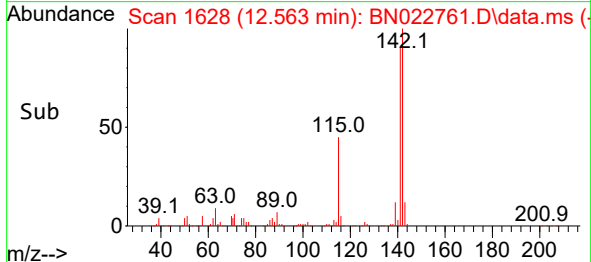
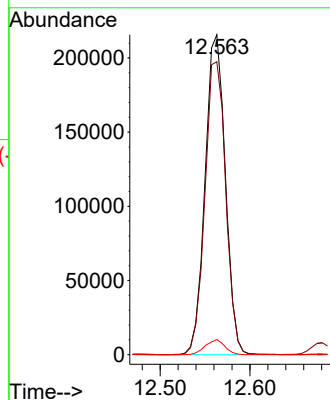
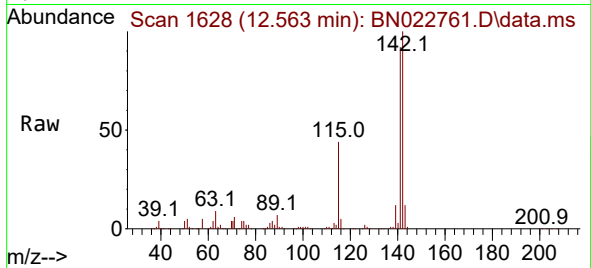




#37
1-Methylnaphthalene
Concen: 32.928 ng/ul
RT: 12.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

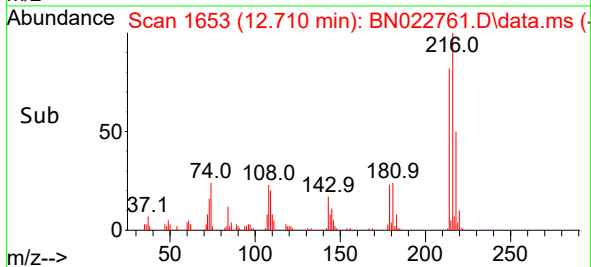
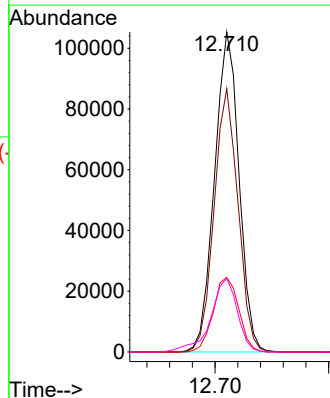
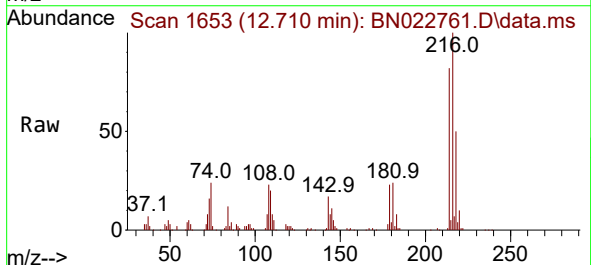
Instrument :
BNA_N
ClientSampleId :
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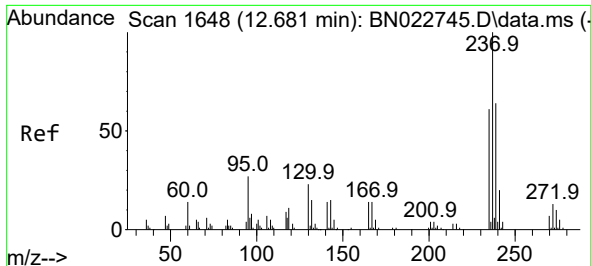
Tgt Ion:142 Resp: 338627
Ion Ratio Lower Upper
142 100
141 91.6 77.2 115.8
116 4.7 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.700 ng/ul
RT: 12.710 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:216 Resp: 157834
Ion Ratio Lower Upper
216 100
214 82.2 62.9 94.3
179 23.3 19.0 28.4
108 23.1 17.4 26.2

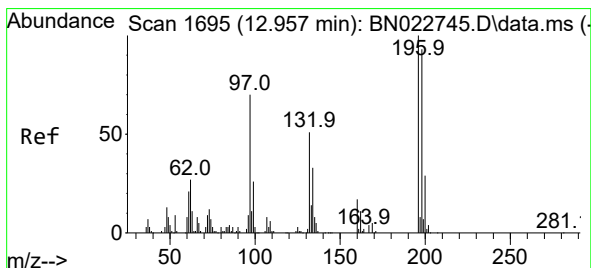
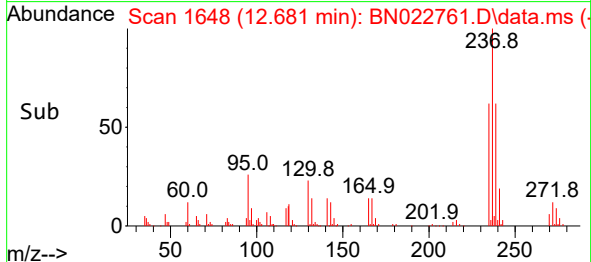
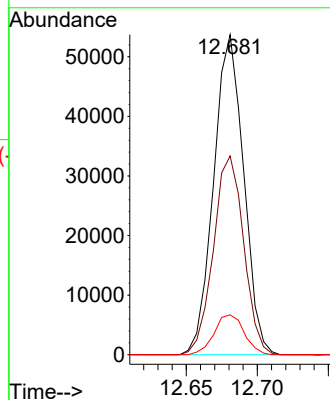
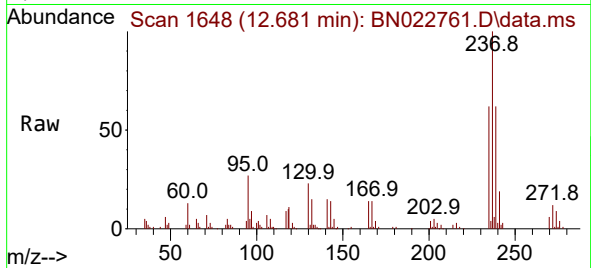




#40
Hexachlorocyclopentadiene
Concen: 26.257 ng/ul
RT: 12.681 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

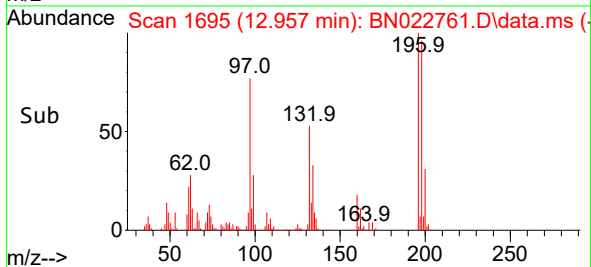
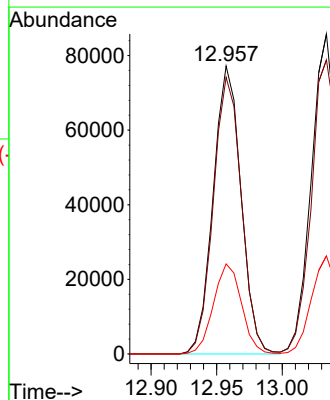
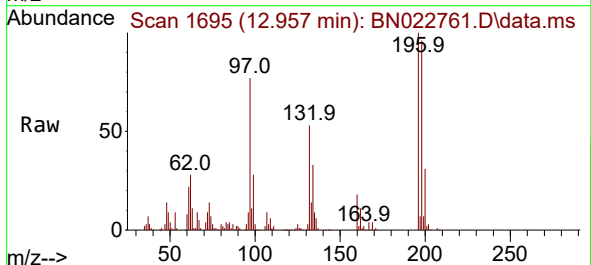
Instrument :
BNA_N
ClientSampleId :
SLCS148

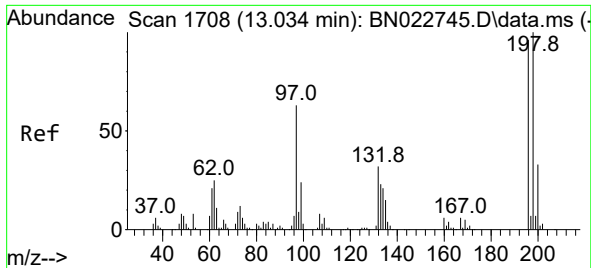
Tgt Ion:237 Resp: 78817
Ion Ratio Lower Upper
237 100
235 62.1 50.3 75.5
272 12.5 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 31.294 ng/ul
RT: 12.957 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:196 Resp: 114233
Ion Ratio Lower Upper
196 100
198 96.0 77.3 115.9
200 31.3 25.4 38.2

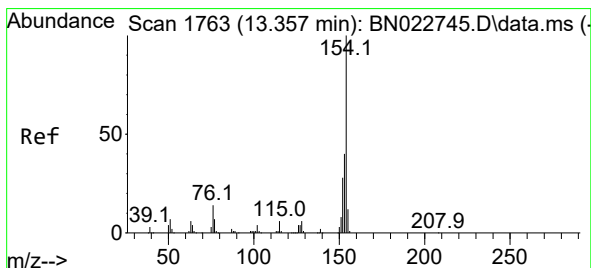
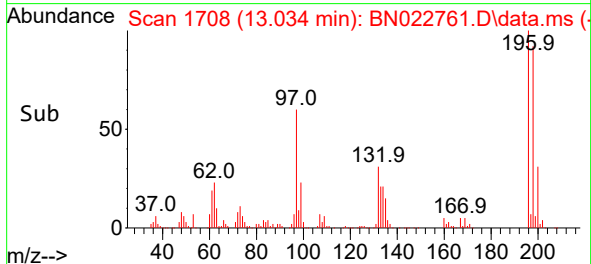
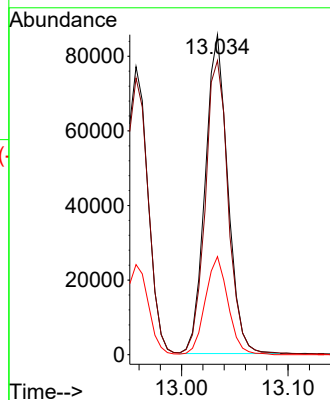
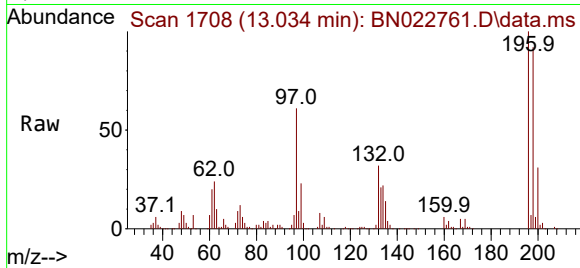




#42
2,4,5-Trichlorophenol
Concen: 32.680 ng/ul
RT: 13.034 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

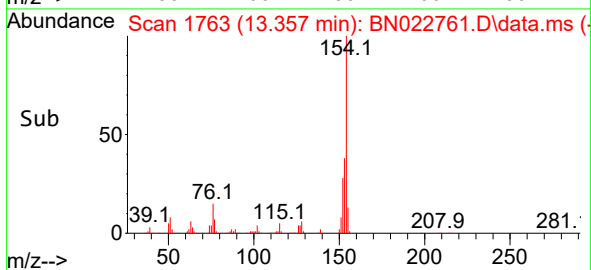
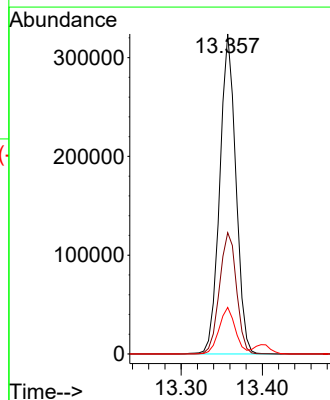
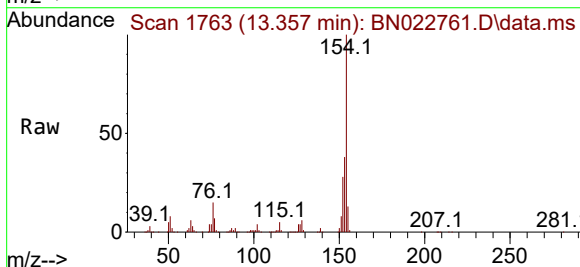
Instrument :
BNA_N
ClientSampleId :
SLCS148

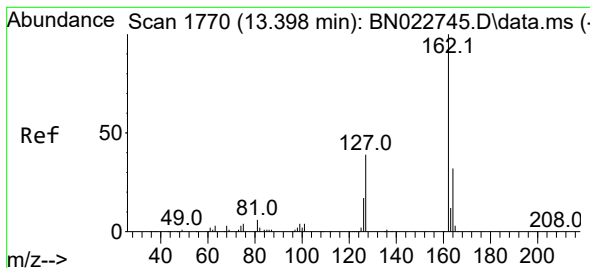
Tgt Ion:196 Resp: 126324
Ion Ratio Lower Upper
196 100
198 91.9 78.8 118.2
200 30.7 26.0 39.0



#43
1,1'-Biphenyl
Concen: 31.899 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:154 Resp: 448489
Ion Ratio Lower Upper
154 100
153 37.9 32.2 48.2
76 14.5 11.2 16.8





#44

2-Chloronaphthalene

Concen: 31.361 ng/ul

RT: 13.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

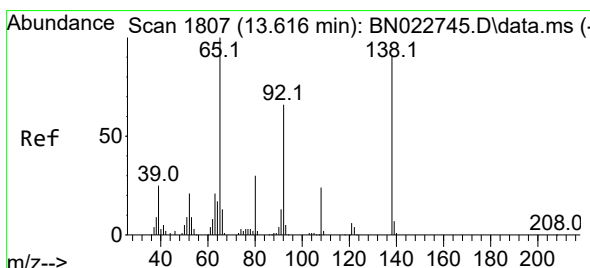
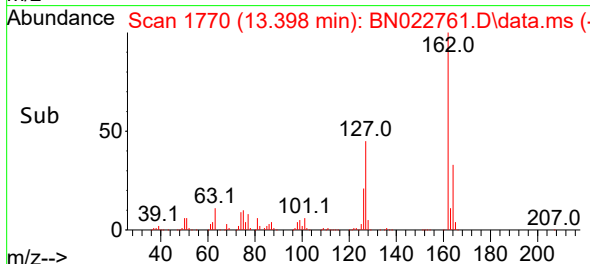
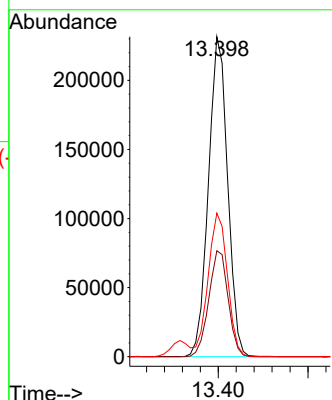
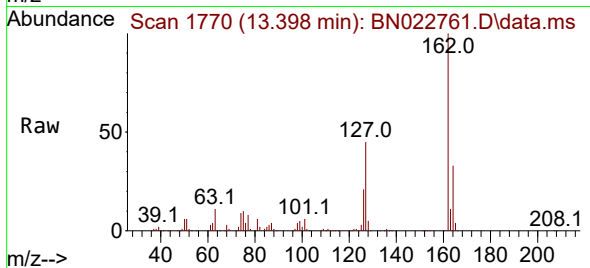
Tgt Ion:162 Resp: 343582

Ion Ratio Lower Upper

162 100

164 33.1 26.0 39.0

127 44.9 37.8 56.6



#45

2-Nitroaniline

Concen: 33.750 ng/ul

RT: 13.622 min Scan# 1808

Delta R.T. 0.006 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

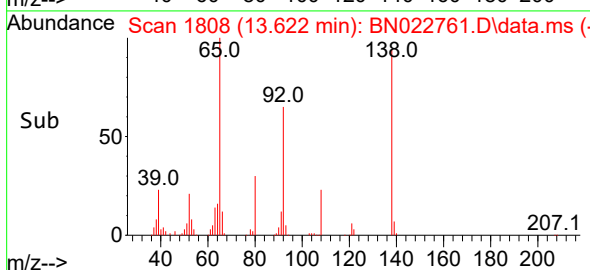
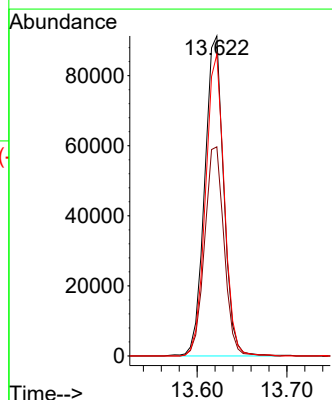
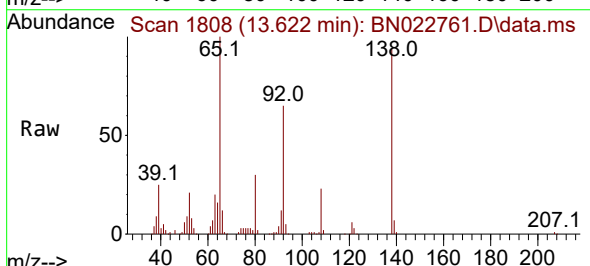
Tgt Ion: 65 Resp: 134280

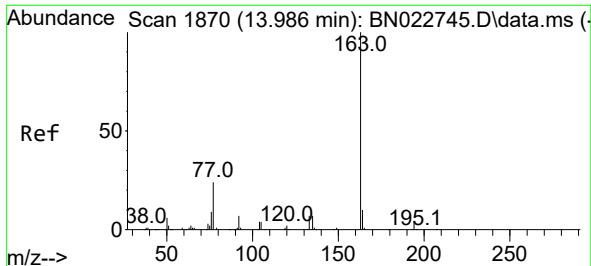
Ion Ratio Lower Upper

65 100

92 65.4 55.2 82.8

138 94.3 74.1 111.1

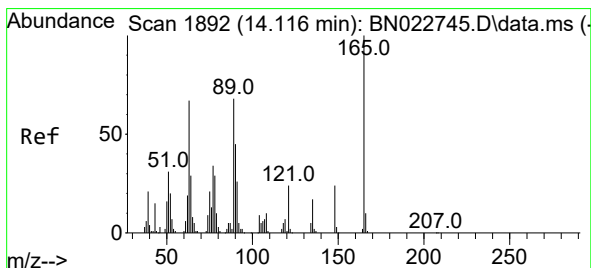
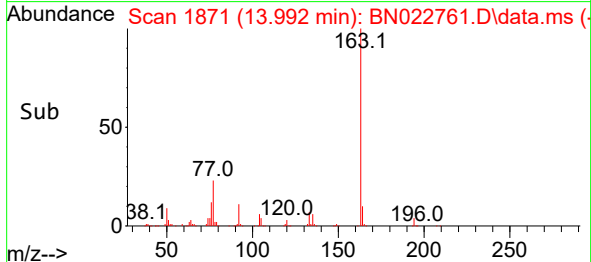
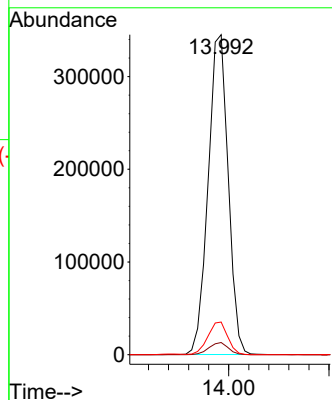
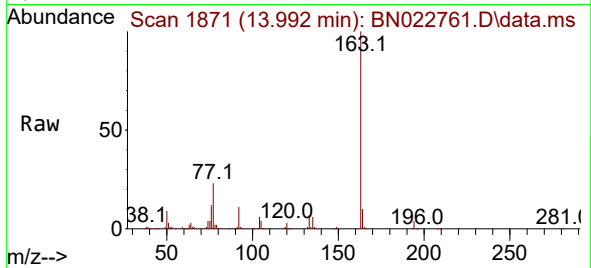




#47
Dimethylphthalate
Concen: 32.771 ng/ul
RT: 13.992 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

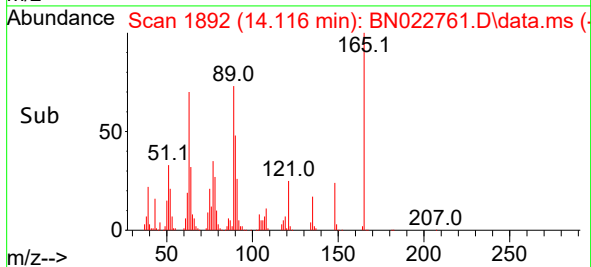
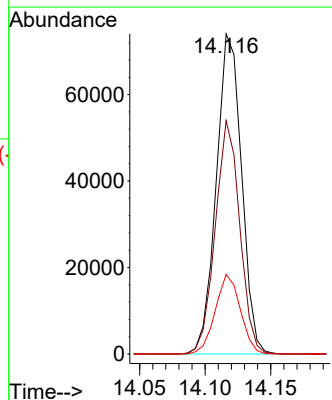
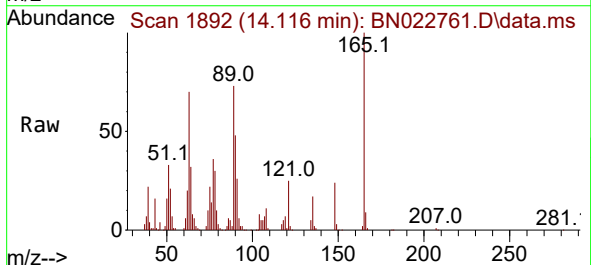
Instrument :
BNA_N
ClientSampleId :
SLCS148

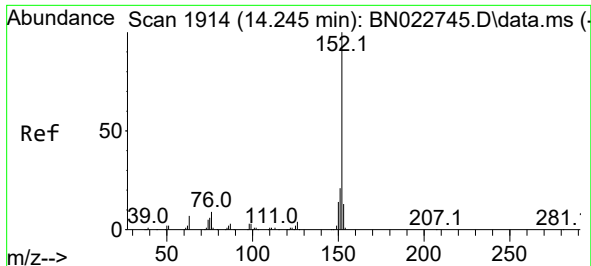
Tgt Ion:163 Resp: 479879
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 33.476 ng/ul
RT: 14.116 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:165 Resp: 99229
Ion Ratio Lower Upper
165 100
89 72.9 55.2 82.8
121 24.8 19.6 29.4

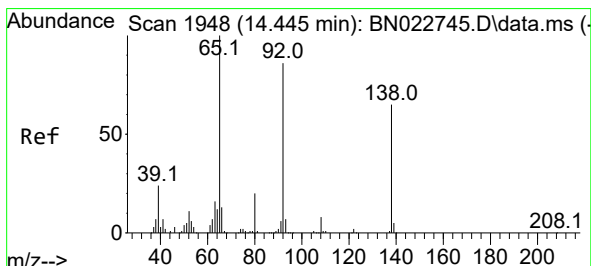
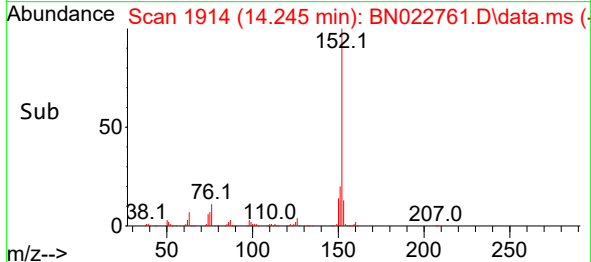
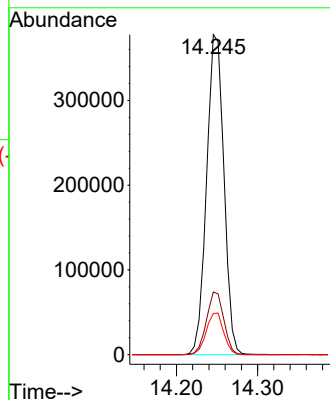
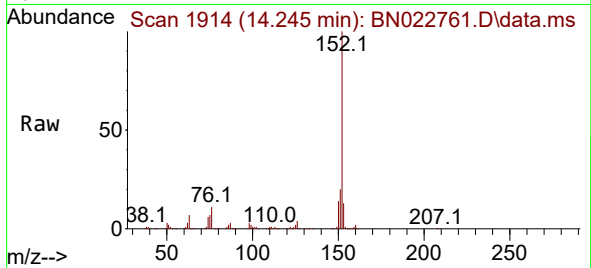




#50
Acenaphthylene
Concen: 32.555 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

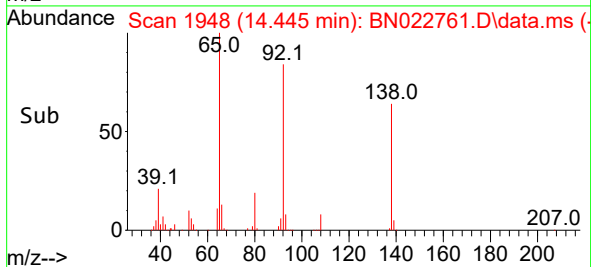
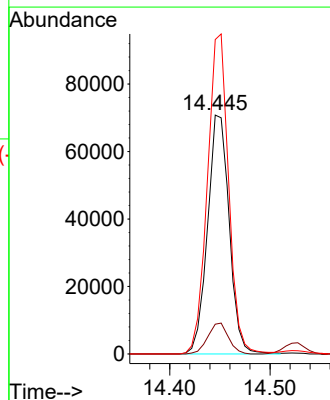
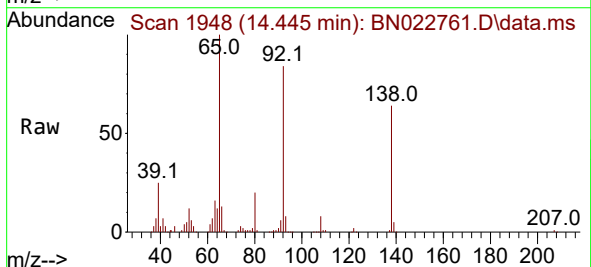
Instrument :
BNA_N
ClientSampleId :
SLCS148

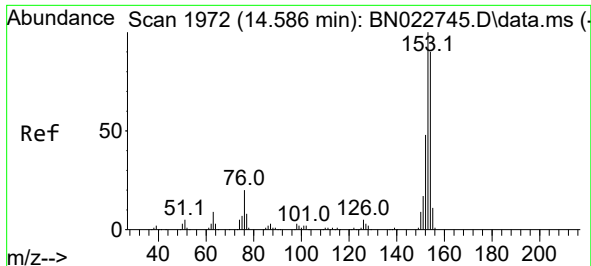
Tgt Ion:152 Resp: 558278
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 12.9 10.9 16.3



#51
3-Nitroaniline
Concen: 33.362 ng/ul
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:138 Resp: 106480
Ion Ratio Lower Upper
138 100
108 12.5 9.7 14.5
92 131.6 103.7 155.5

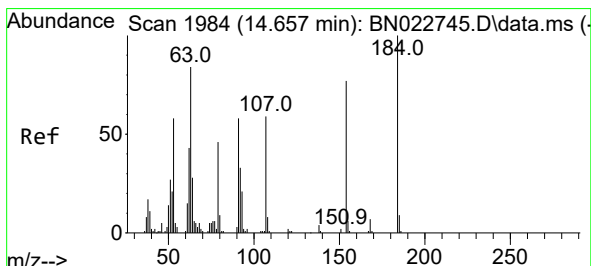
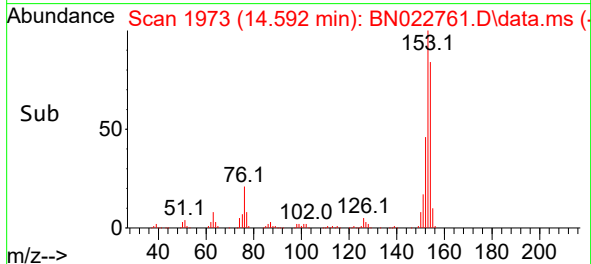
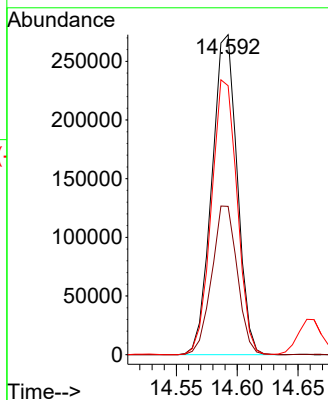
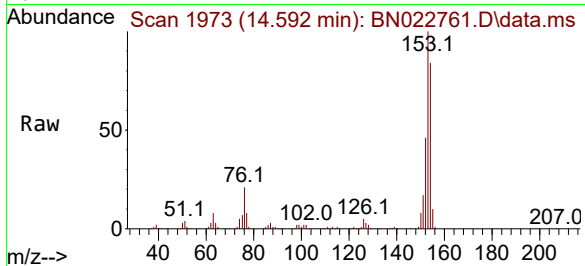




#52
Acenaphthene
Concen: 32.498 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

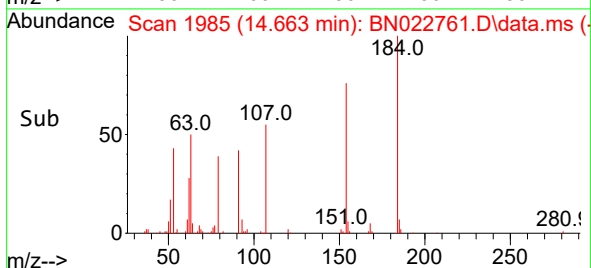
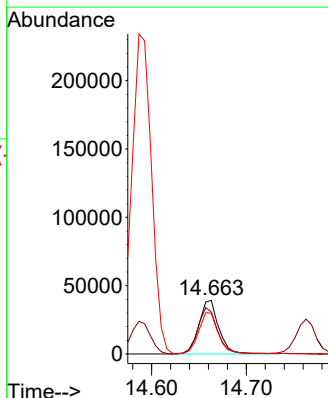
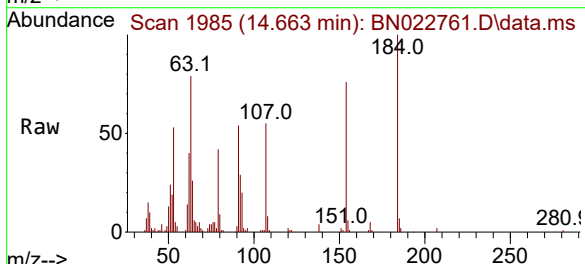
Instrument :
BNA_N
ClientSampleId :
SLCS148

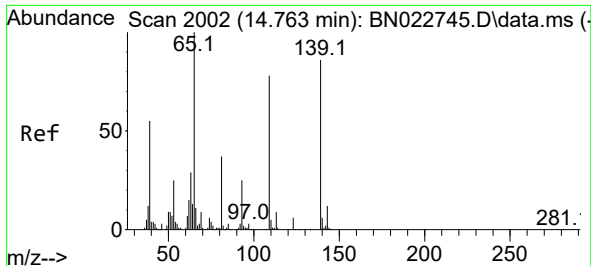
Tgt Ion:153 Resp: 395410
Ion Ratio Lower Upper
153 100
152 46.4 38.2 57.4
154 84.0 71.9 107.9



#53
2,4-Dinitrophenol
Concen: 27.548 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:184 Resp: 57066
Ion Ratio Lower Upper
184 100
63 78.7 66.4 99.6
154 76.1 59.4 89.0

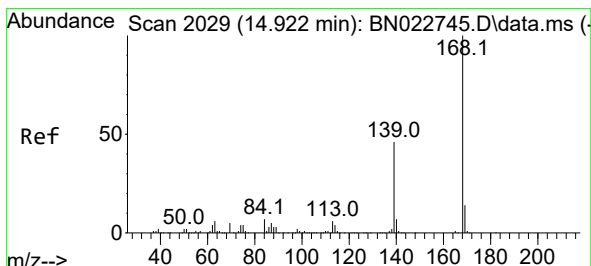
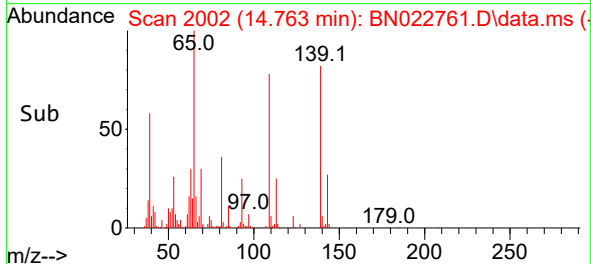
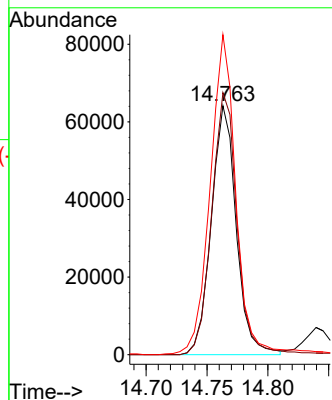
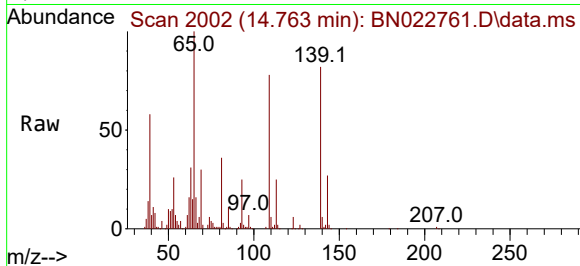




#55
4-Nitrophenol
Concen: 33.240 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

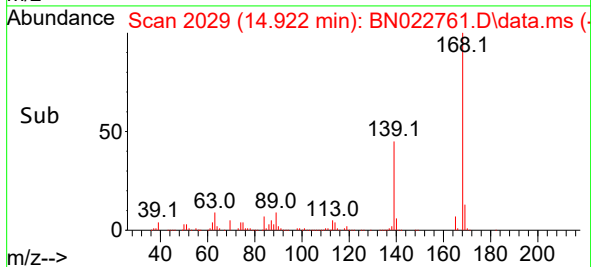
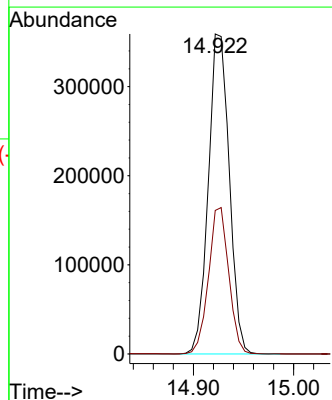
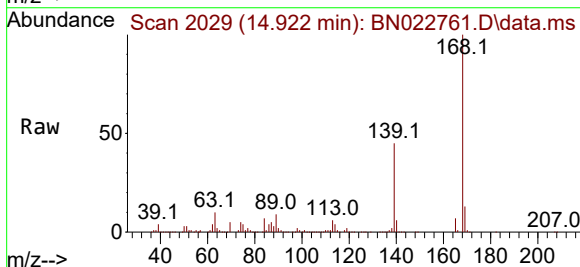
Instrument :
BNA_N
ClientSampleId :
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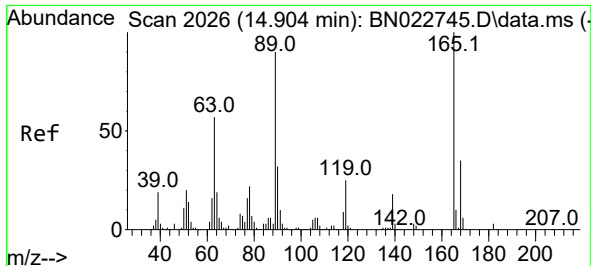
Tgt Ion:109 Resp: 91511
Ion Ratio Lower Upper
109 100
139 105.3 86.0 129.0
65 128.5 102.6 154.0



#56
Dibenzofuran
Concen: 32.483 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:168 Resp: 522211
Ion Ratio Lower Upper
168 100
139 44.9 34.6 52.0





#57

2,4-Dinitrotoluene

Concen: 33.910 ng/ul

RT: 14.904 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

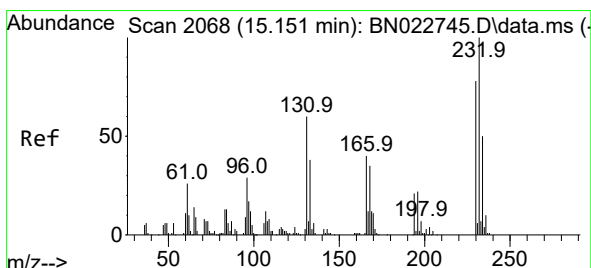
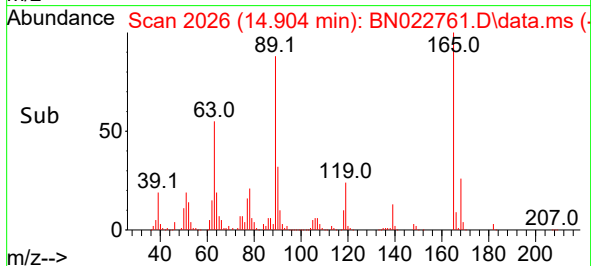
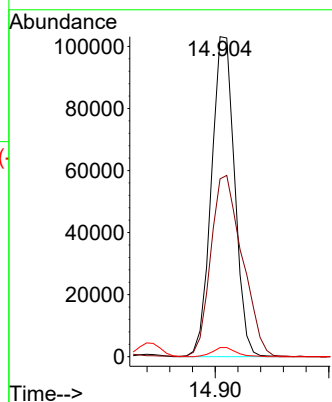
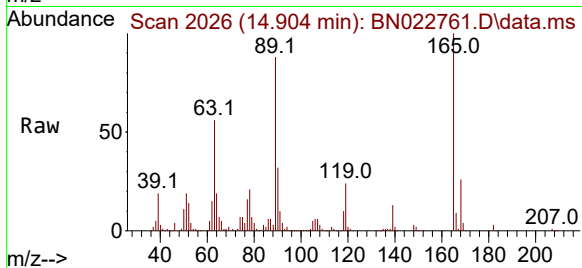
Tgt Ion:165 Resp: 146375

Ion Ratio Lower Upper

165 100

63 55.6 43.4 65.0

182 2.8 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.147 ng/ul

RT: 15.157 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Tgt Ion:232 Resp: 109740

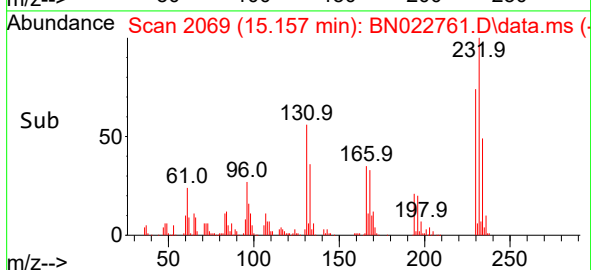
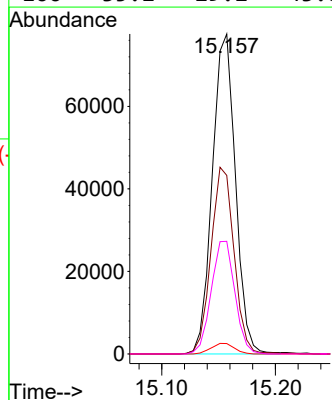
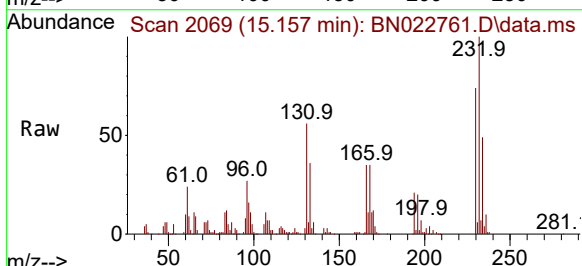
Ion Ratio Lower Upper

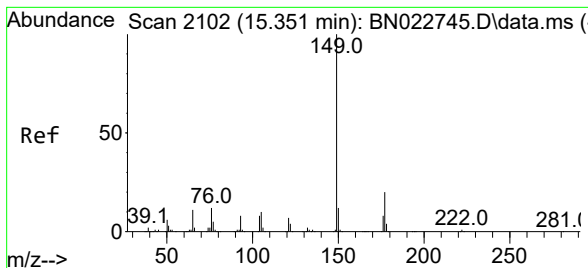
232 100

131 55.8 47.4 71.0

130 3.3 2.6 3.8

166 35.2 29.2 43.8





#59

Diethylphthalate

Concen: 33.220 ng/ul

RT: 15.351 min Scan# 2102

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

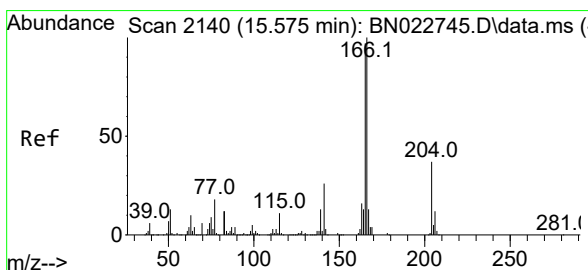
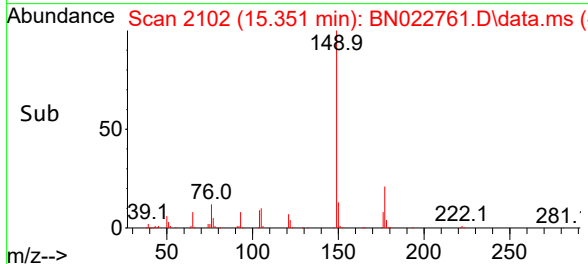
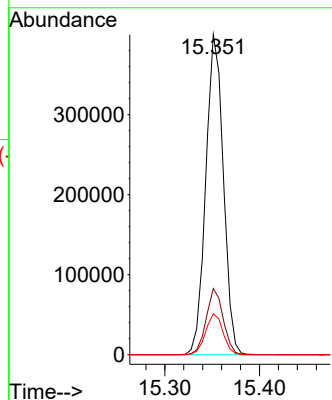
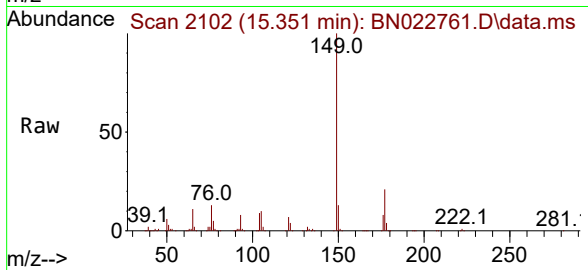
Tgt Ion:149 Resp: 515602

Ion Ratio Lower Upper

149 100

177 20.7 16.2 24.4

150 12.8 9.7 14.5



#61

Fluorene

Concen: 33.154 ng/ul

RT: 15.575 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

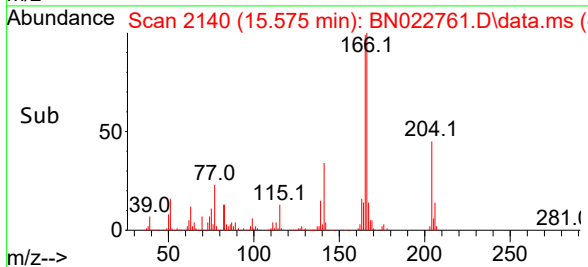
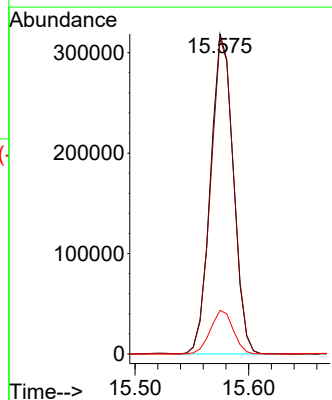
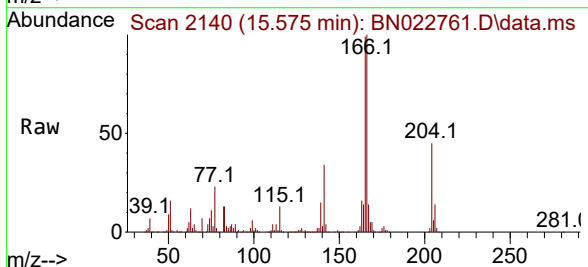
Tgt Ion:166 Resp: 445104

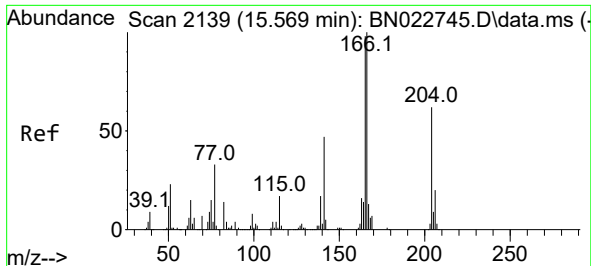
Ion Ratio Lower Upper

166 100

165 98.7 74.0 111.0

167 13.6 10.2 15.2

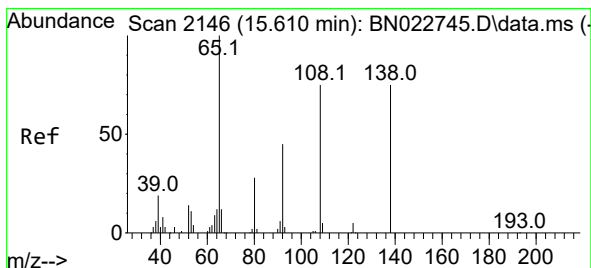
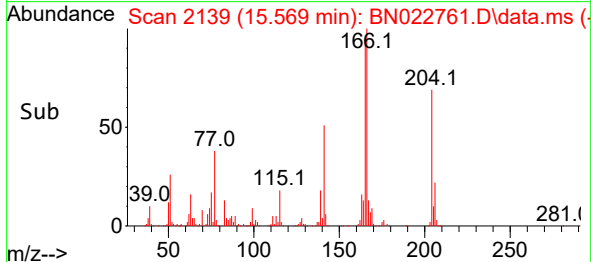
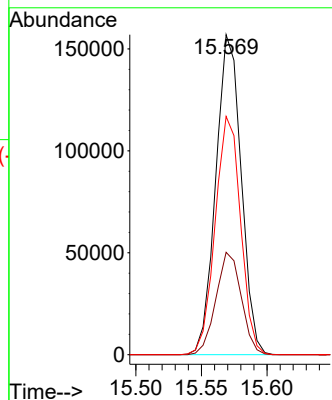
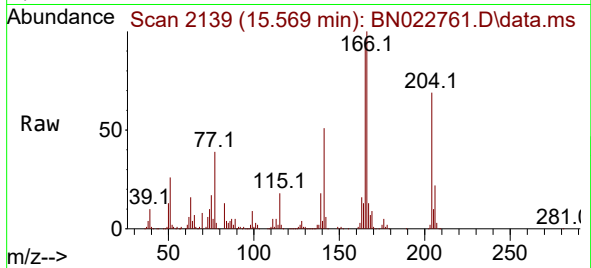




#62
4-Chlorophenyl-phenylether
Concen: 33.350 ng/ul
RT: 15.569 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

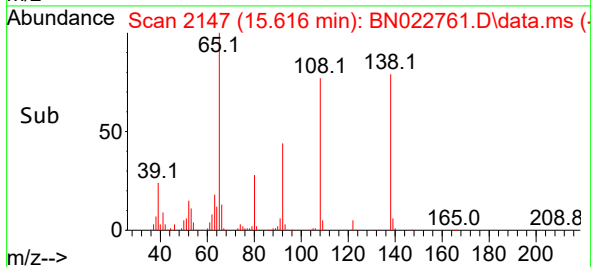
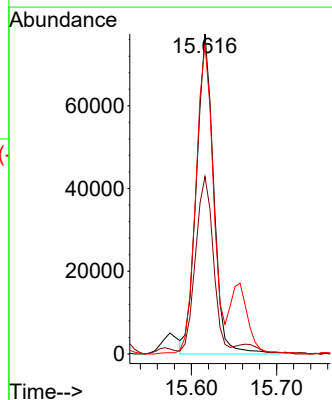
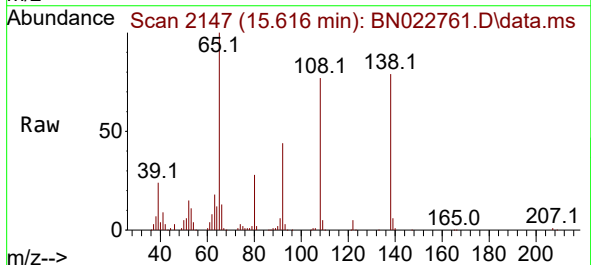
Instrument :
BNA_N
ClientSampleId :
SLCS148

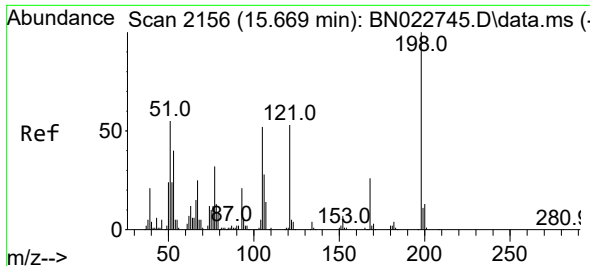
Tgt Ion:204 Resp: 211052
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 74.4 57.2 85.8



#63
4-Nitroaniline
Concen: 38.375 ng/ul
RT: 15.616 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:138 Resp: 109228
Ion Ratio Lower Upper
138 100
92 55.5 45.5 68.3
108 96.7 79.1 118.7

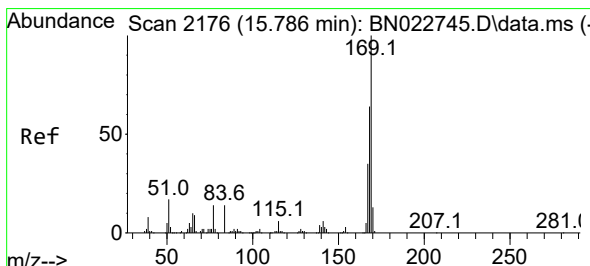
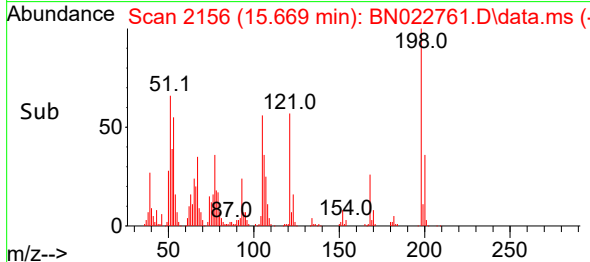
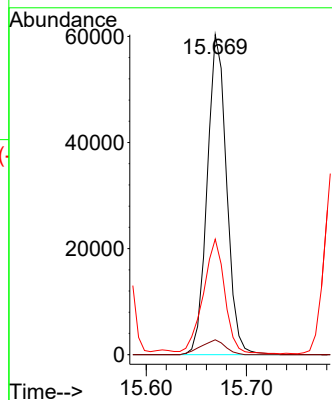
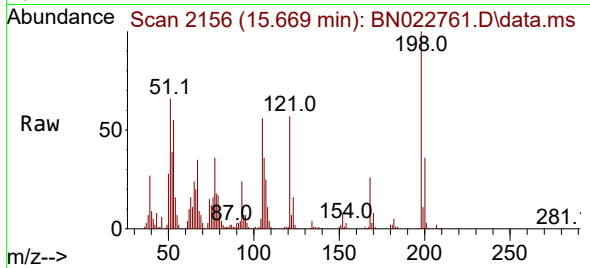




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.986 ng/ul
 RT: 15.669 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: BN022761.D
 Acq: 18 Nov 2022 17:41

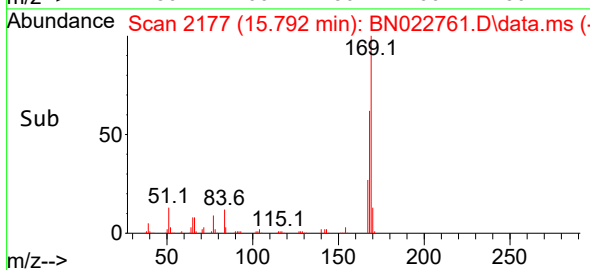
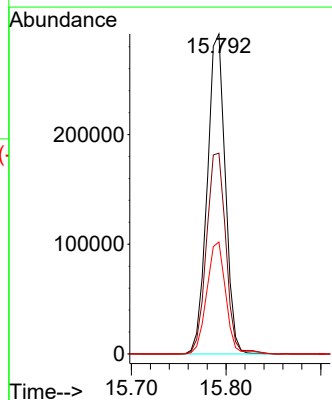
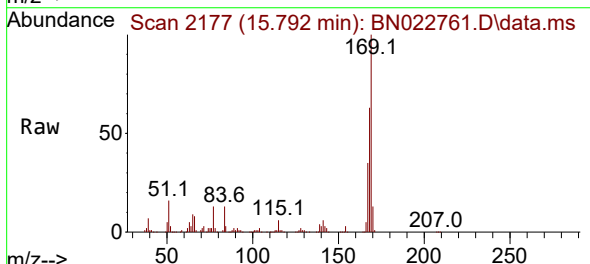
Instrument :
 BNA_N
 ClientSampleId :
 SLCS148

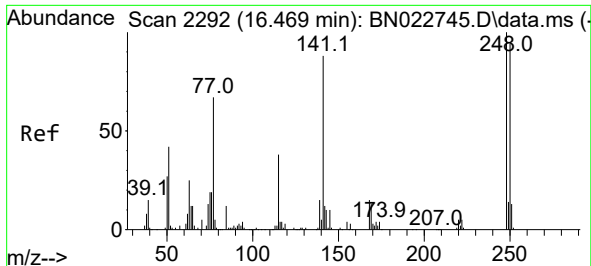
Tgt Ion:198 Resp: 81202
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.1 4.7
 77 36.1 27.3 40.9



#67
 N-Nitrosodiphenylamine
 Concen: 33.319 ng/ul
 RT: 15.792 min Scan# 2177
 Delta R.T. 0.006 min
 Lab File: BN022761.D
 Acq: 18 Nov 2022 17:41

Tgt Ion:169 Resp: 385473
 Ion Ratio Lower Upper
 169 100
 168 62.7 52.6 79.0
 167 35.0 30.0 45.0

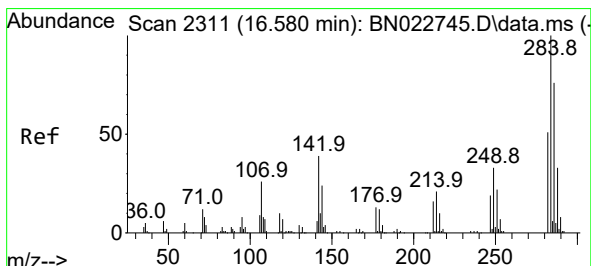
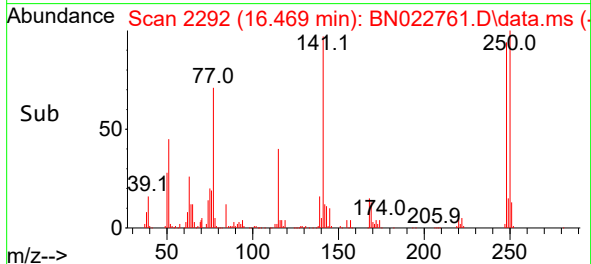
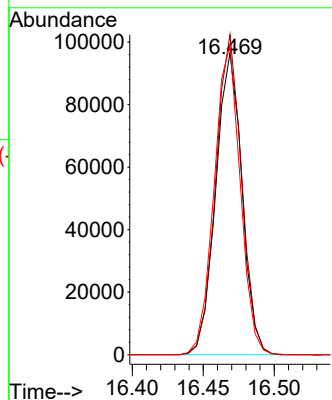
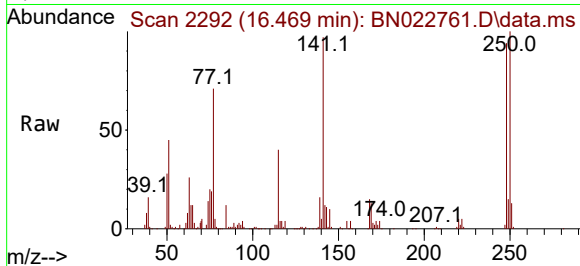




#68
4-Bromophenyl-phenylether
Concen: 32.435 ng/ul
RT: 16.469 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

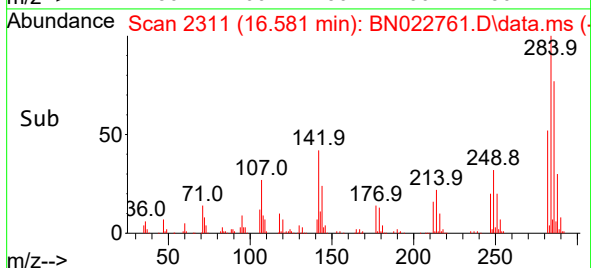
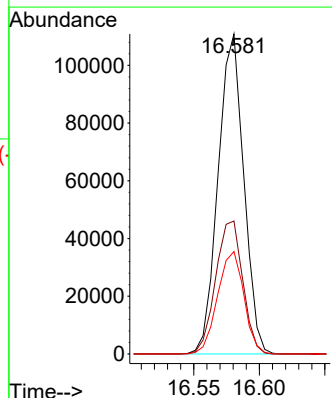
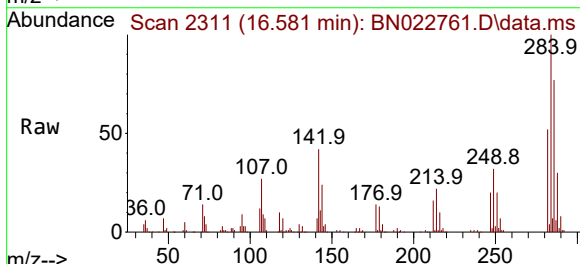
Instrument :
BNA_N
ClientSampleId :
SLCS148

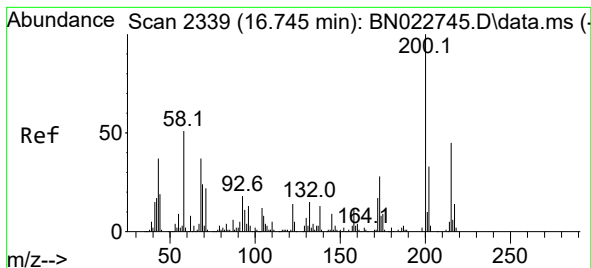
Tgt Ion:248 Resp: 123419
Ion Ratio Lower Upper
248 100
250 106.1 77.0 115.4
141 102.9 77.0 115.4



#69
Hexachlorobenzene
Concen: 33.905 ng/ul
RT: 16.581 min Scan# 2311
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:284 Resp: 150810
Ion Ratio Lower Upper
284 100
142 41.6 37.9 56.9
249 32.0 28.6 43.0





#70

Atrazine

Concen: 31.627 ng/ul

RT: 16.745 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

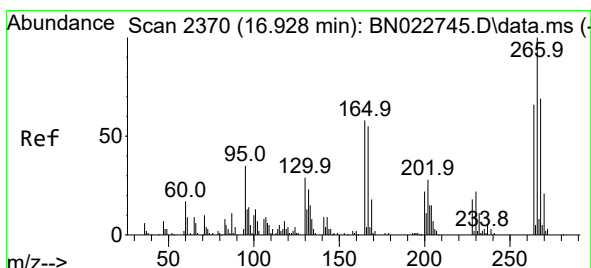
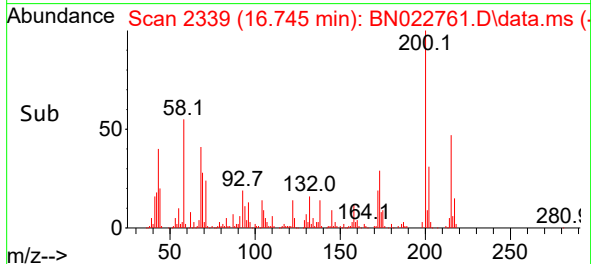
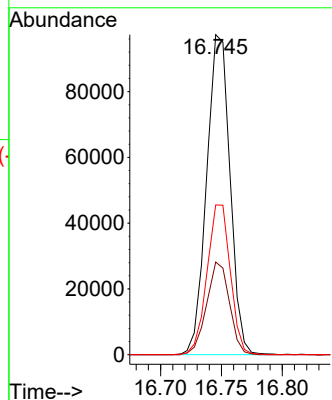
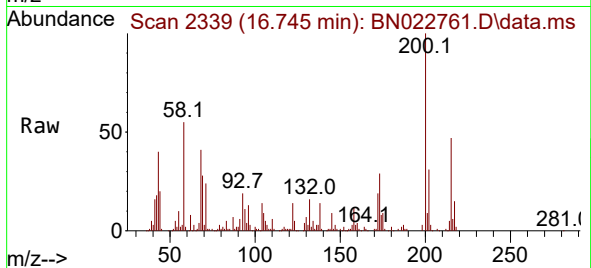
Tgt Ion:200 Resp: 130424

Ion Ratio Lower Upper

200 100

173 28.9 23.2 34.8

215 46.8 38.1 57.1



#71

Pentachlorophenol

Concen: 32.734 ng/ul

RT: 16.928 min Scan# 2370

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

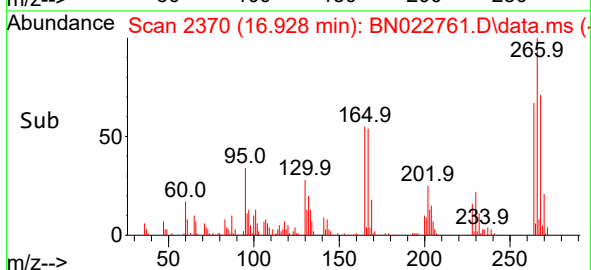
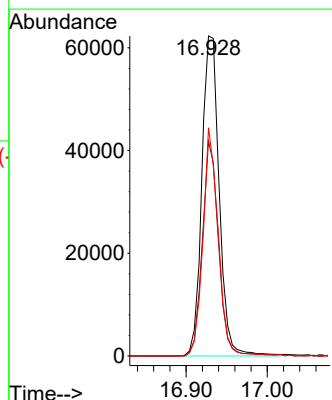
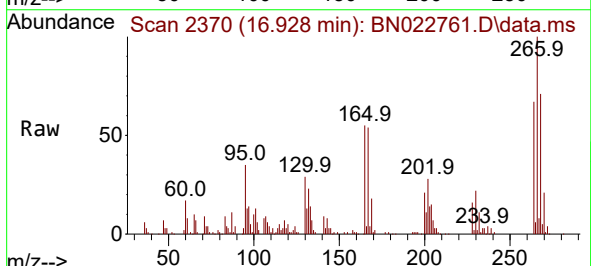
Tgt Ion:266 Resp: 92509

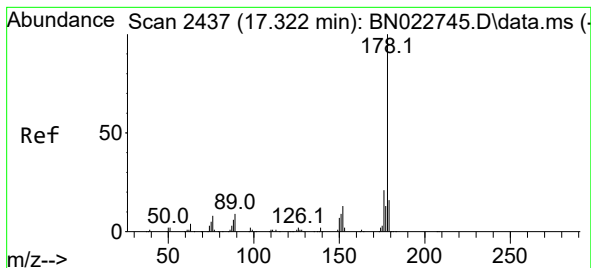
Ion Ratio Lower Upper

266 100

264 67.1 47.8 71.8

268 71.3 50.2 75.2





#72

Phenanthrene

Concen: 33.953 ng/ul

RT: 17.322 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

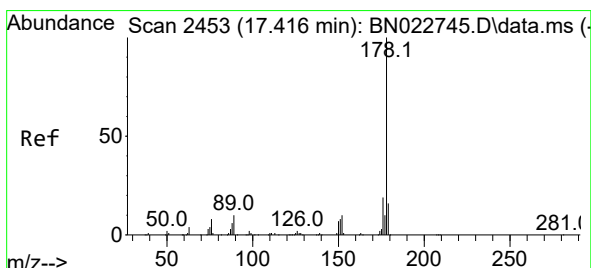
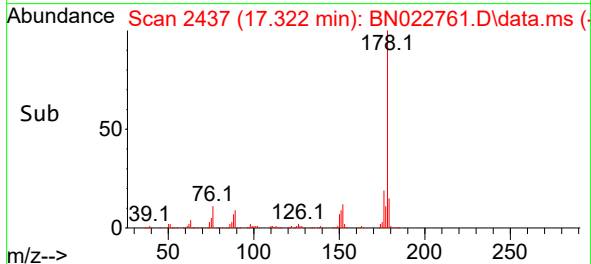
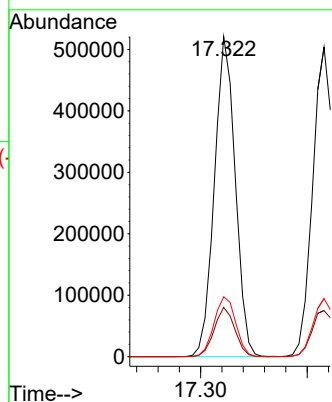
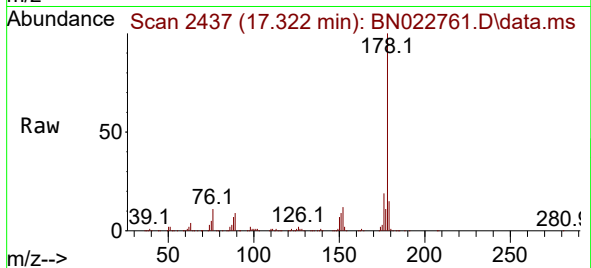
Tgt Ion:178 Resp: 707137

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 18.7 16.1 24.1



#74

Anthracene

Concen: 33.246 ng/ul

RT: 17.416 min Scan# 2453

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

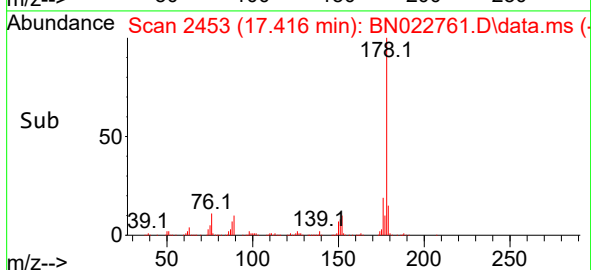
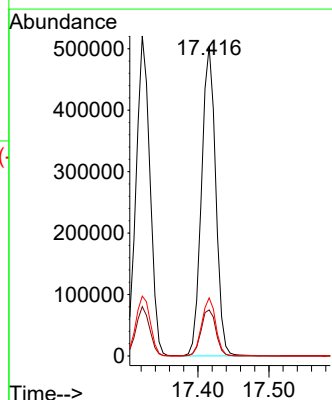
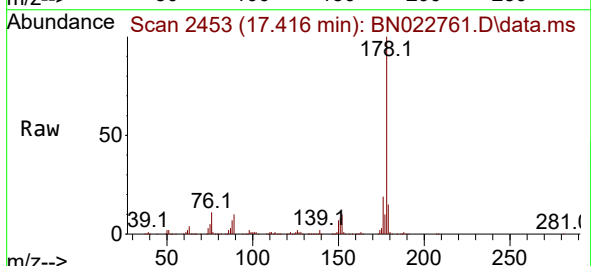
Tgt Ion:178 Resp: 701350

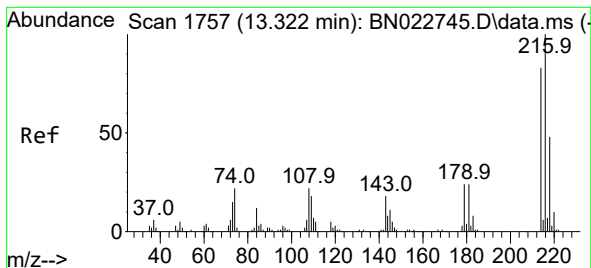
Ion Ratio Lower Upper

178 100

179 14.9 12.5 18.7

176 18.8 15.1 22.7

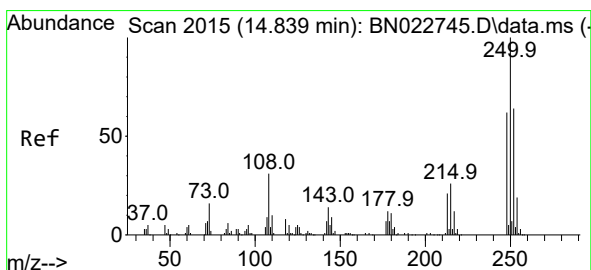
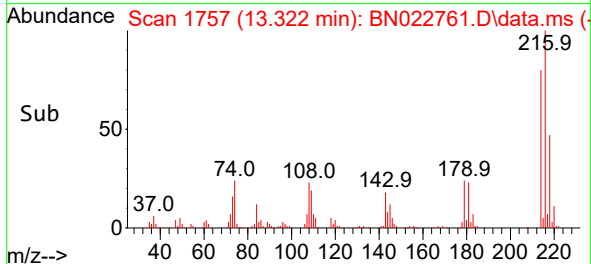
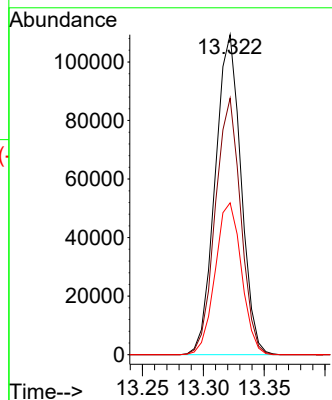
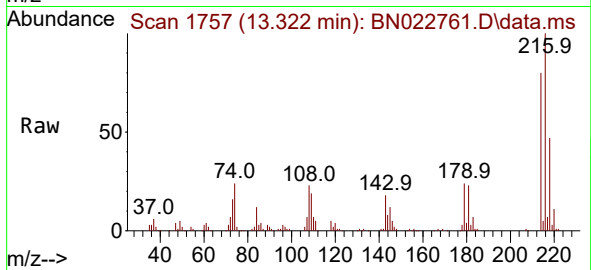




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.679 ng/uL
RT: 13.322 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

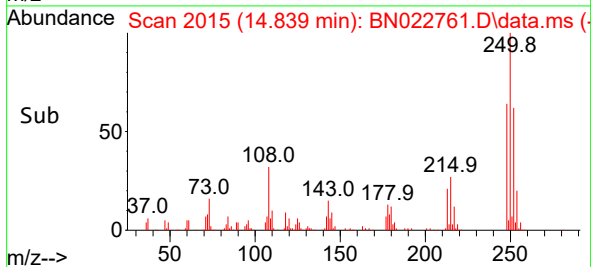
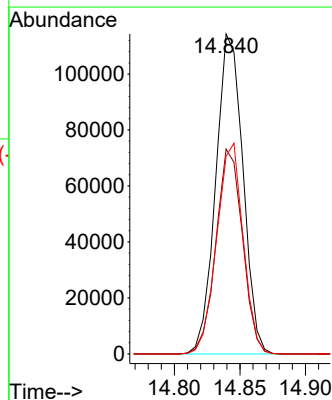
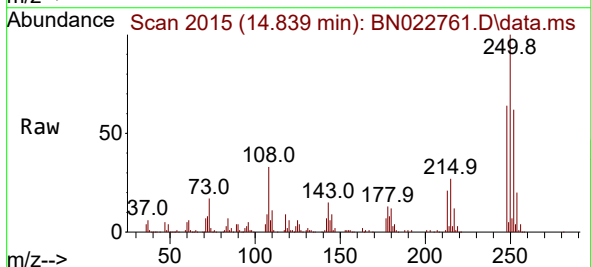
Instrument :
BNA_N
ClientSampleId :
SLCS148

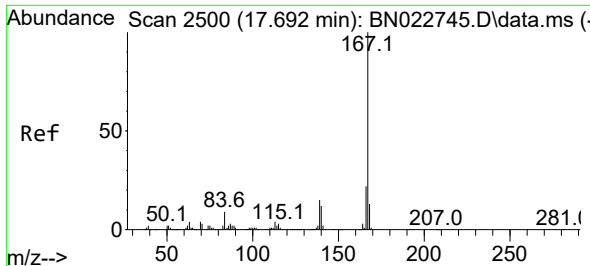
Tgt Ion:216 Resp: 161424
Ion Ratio Lower Upper
216 100
214 80.2 60.3 90.5
218 47.5 39.2 58.8



#76
Pentachlorobenzene
Concen: 29.954 ng/uL
RT: 14.839 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:250 Resp: 164731
Ion Ratio Lower Upper
250 100
248 64.1 50.7 76.1
252 61.8 51.0 76.4

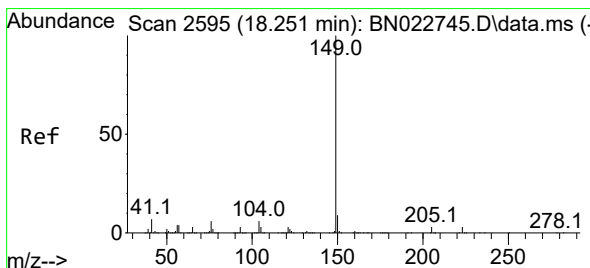
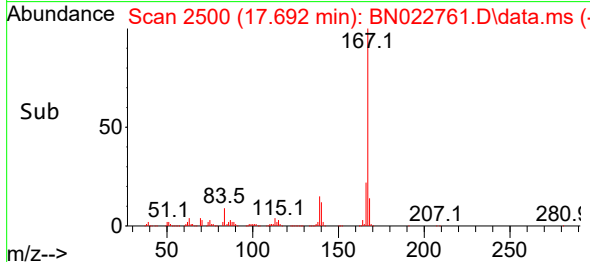
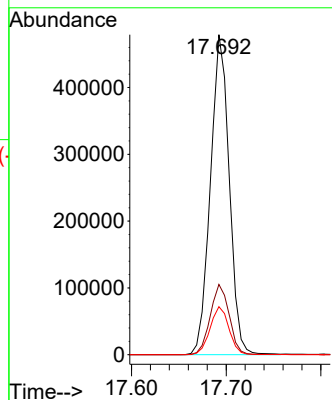
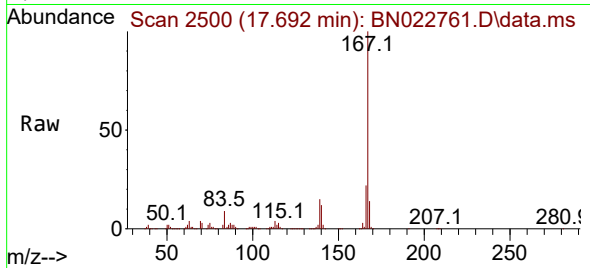




#77
 Carbazole
 Concen: 33.671 ng/ul
 RT: 17.692 min Scan# 2500
 Delta R.T. -0.000 min
 Lab File: BN022761.D
 Acq: 18 Nov 2022 17:41

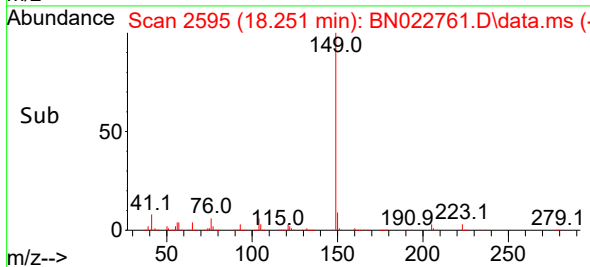
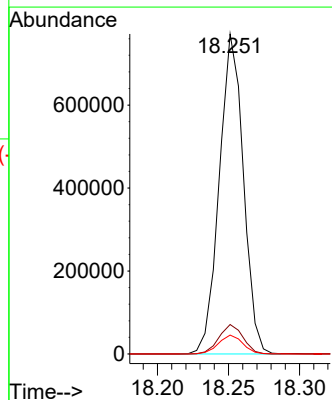
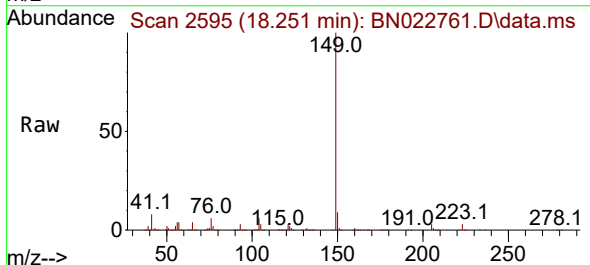
Instrument :
 BNA_N
 ClientSampleId :
 SLCS148

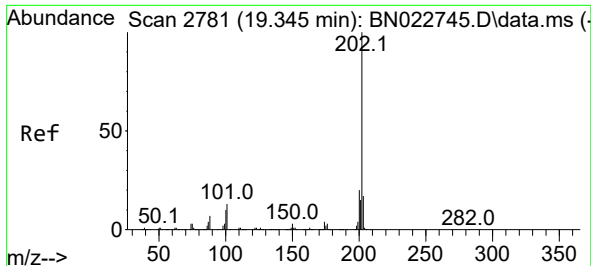
Tgt Ion:167 Resp: 659982
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.2
 139 15.0 11.9 17.9



#78
 Di-n-butylphthalate
 Concen: 32.603 ng/ul
 RT: 18.251 min Scan# 2595
 Delta R.T. -0.000 min
 Lab File: BN022761.D
 Acq: 18 Nov 2022 17:41

Tgt Ion:149 Resp: 909487
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.9 4.6 7.0

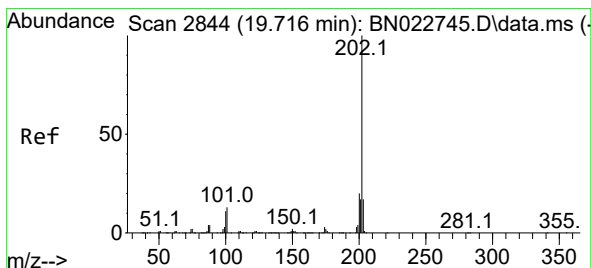
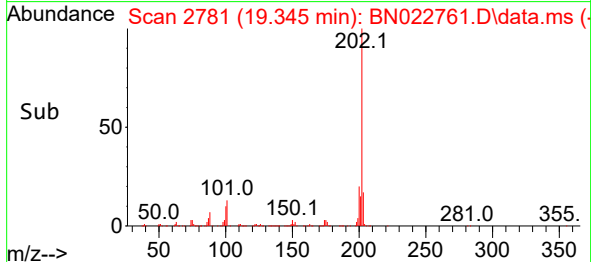
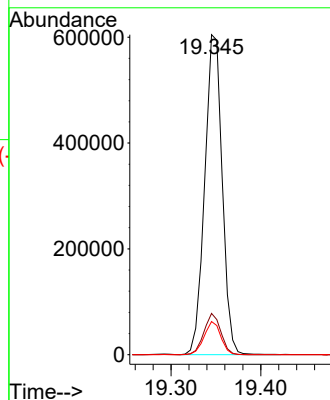
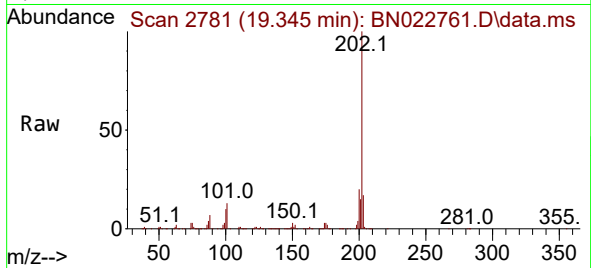




#80
Fluoranthene
Concen: 30.975 ng/ul
RT: 19.345 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

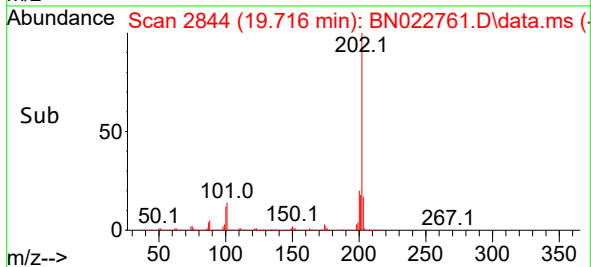
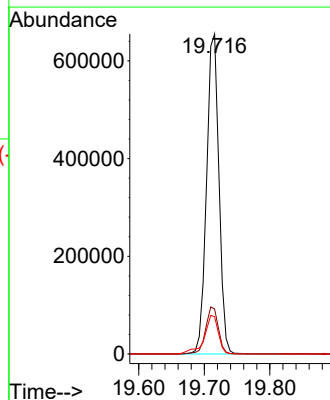
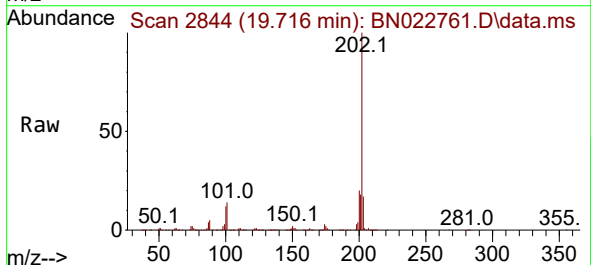
Instrument :
BNA_N
ClientSampleId :
SLCS148

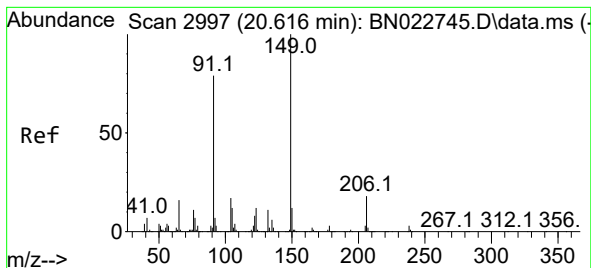
Tgt Ion:202 Resp: 818749
Ion Ratio Lower Upper
202 100
101 12.9 9.2 13.8
100 10.3 7.3 10.9



#82
Pyrene
Concen: 31.809 ng/ul
RT: 19.716 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:202 Resp: 861280
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.6 9.5 14.3





#83

Butylbenzylphthalate

Concen: 31.078 ng/ul

RT: 20.616 min Scan# 2997

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

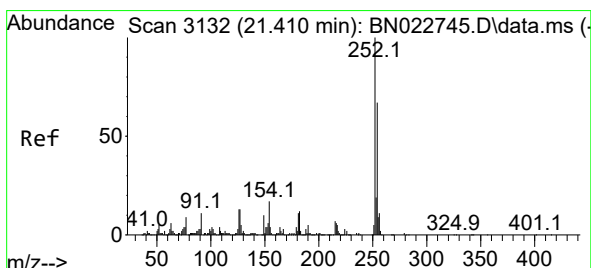
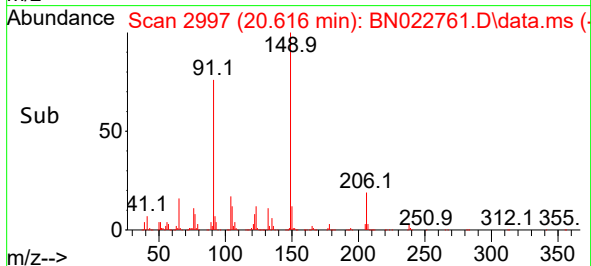
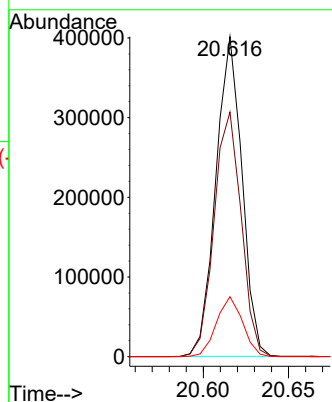
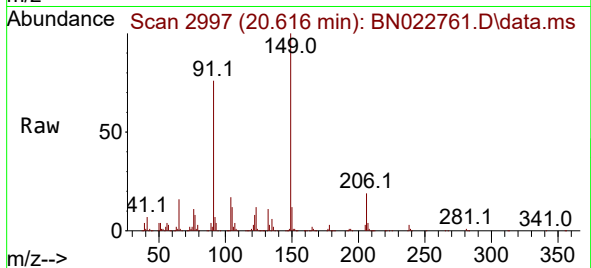
Tgt Ion:149 Resp: 428336

Ion Ratio Lower Upper

149 100

91 76.4 63.4 95.2

206 18.7 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 35.500 ng/ul

RT: 21.404 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

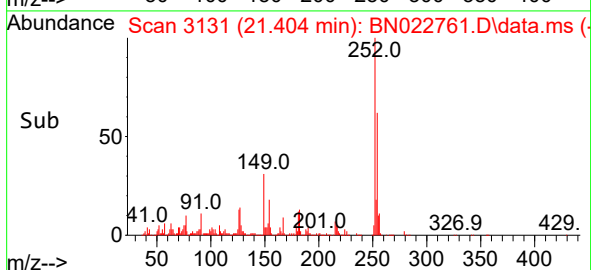
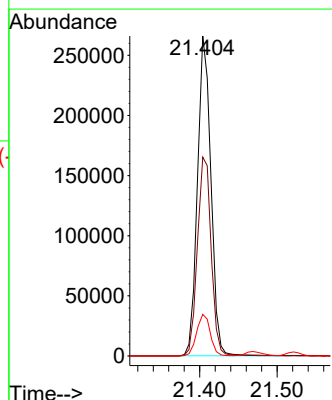
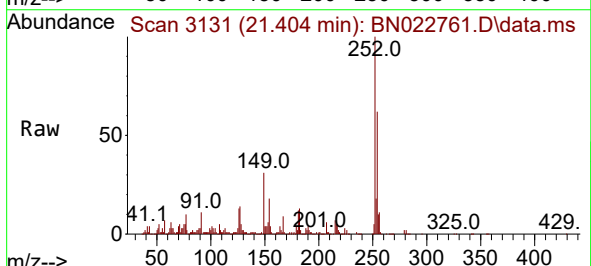
Tgt Ion:252 Resp: 320103

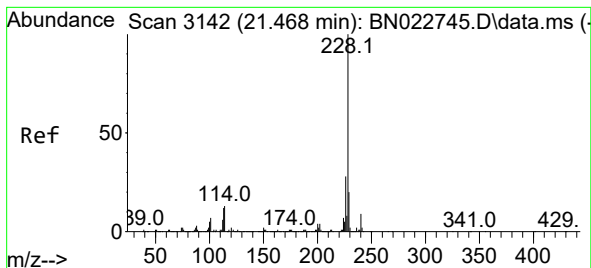
Ion Ratio Lower Upper

252 100

254 62.2 49.0 73.6

126 13.0 11.4 17.0





#85

Benzo(a)anthracene

Concen: 31.256 ng/ul

RT: 21.469 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

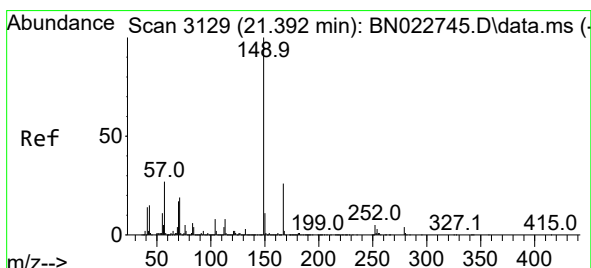
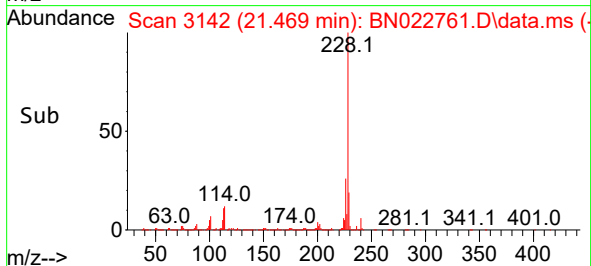
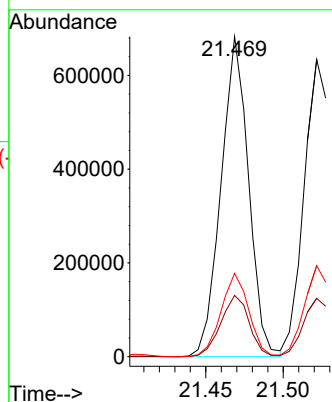
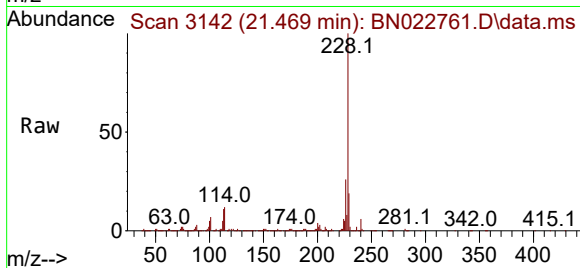
Tgt Ion:228 Resp: 843490

Ion Ratio Lower Upper

228 100

229 19.1 16.0 24.0

226 26.1 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.947 ng/ul

RT: 21.392 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

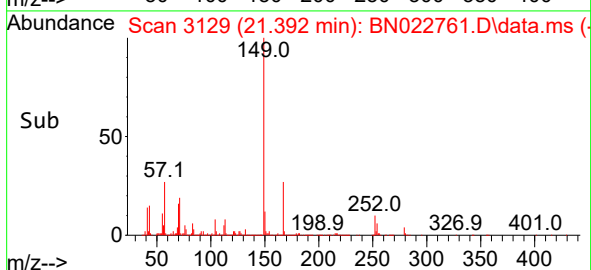
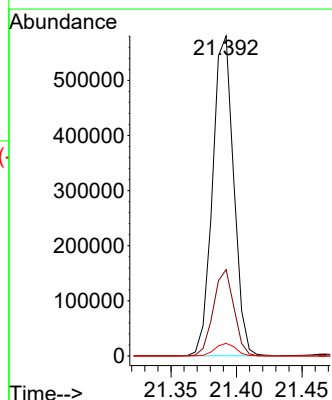
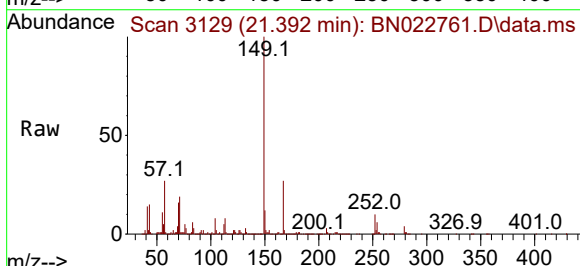
Tgt Ion:149 Resp: 649885

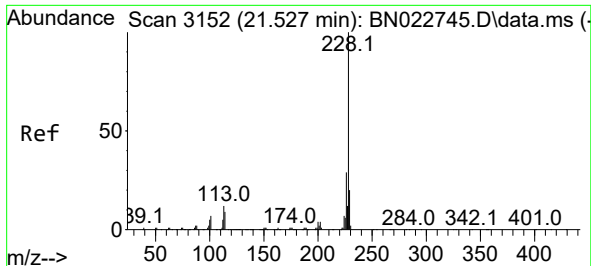
Ion Ratio Lower Upper

149 100

167 27.0 20.7 31.1

279 3.9 2.9 4.3

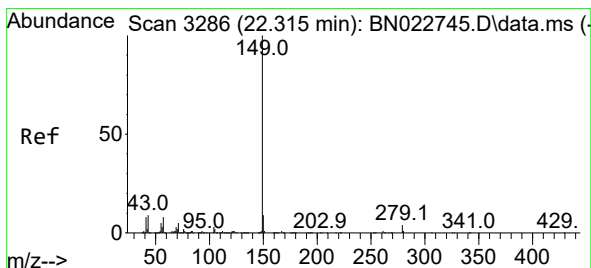
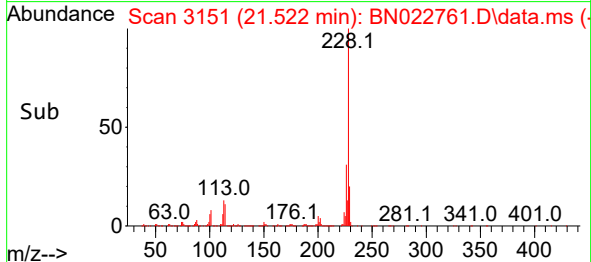
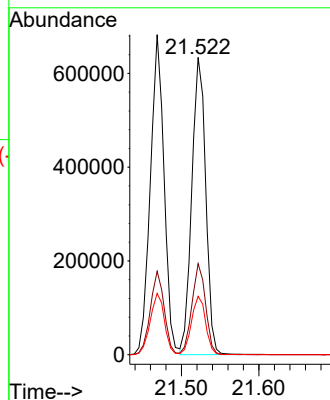
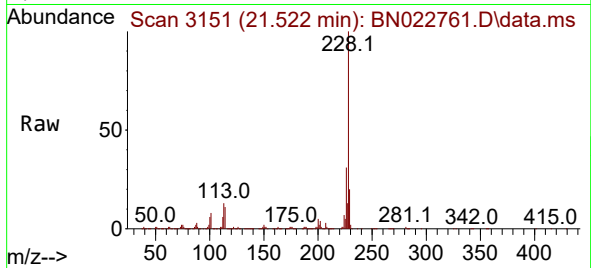




#87
Chrysene
Concen: 30.960 ng/ul
RT: 21.522 min Scan# 3152
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

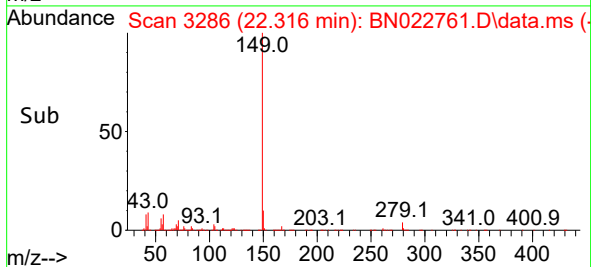
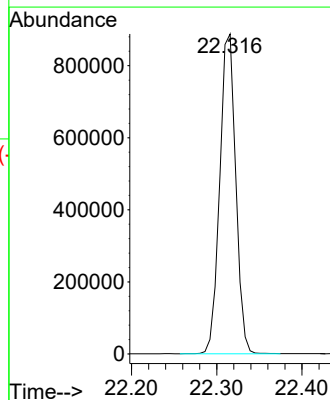
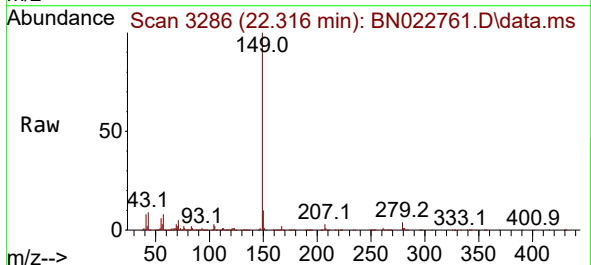
Instrument :
BNA_N
ClientSampleId :
SLCS148

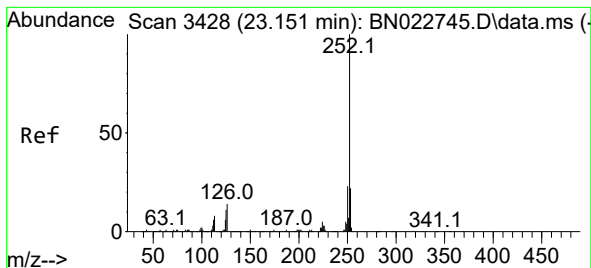
Tgt Ion:228 Resp: 791220
Ion Ratio Lower Upper
228 100
226 30.6 22.6 34.0
229 19.6 14.8 22.2



#89
Di-n-octyl phthalate
Concen: 32.361 ng/ul
RT: 22.316 min Scan# 3286
Delta R.T. -0.000 min
Lab File: BN022761.D
Acq: 18 Nov 2022 17:41

Tgt Ion:149 Resp: 1157507





#90

Benzo(b)fluoranthene

Concen: 32.432 ng/ul

RT: 23.151 min Scan# 3428

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

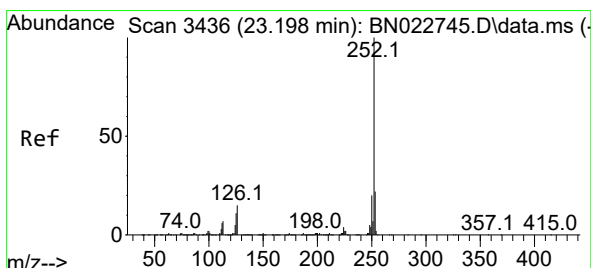
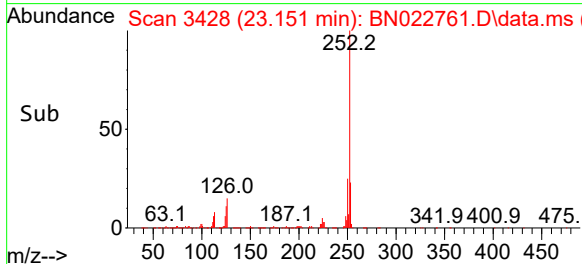
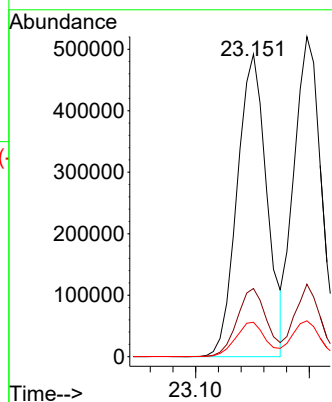
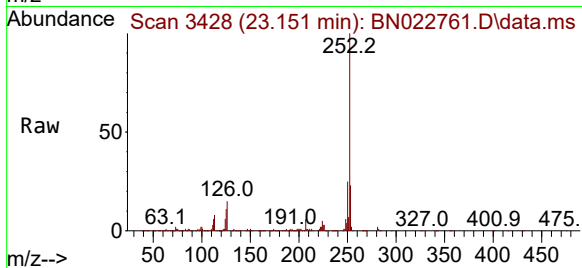
Tgt Ion:252 Resp: 893882

Ion Ratio Lower Upper

252 100

253 22.6 16.2 24.2

125 11.4 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 33.017 ng/ul

RT: 23.198 min Scan# 3436

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

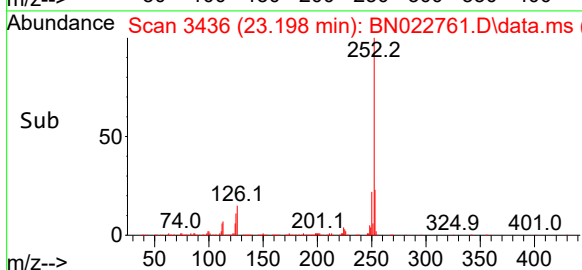
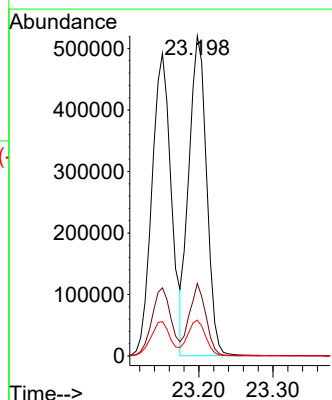
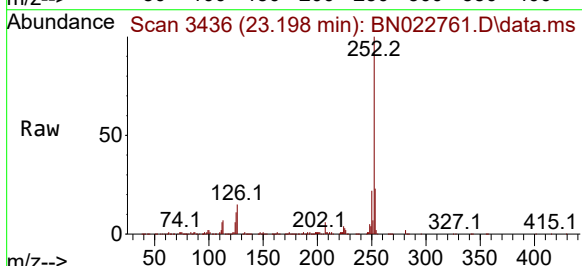
Tgt Ion:252 Resp: 863809

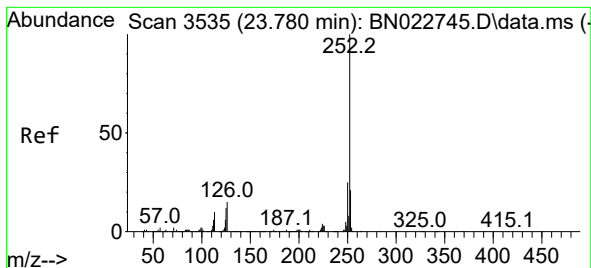
Ion Ratio Lower Upper

252 100

253 22.7 16.2 24.4

125 11.2 9.0 13.6





#93

Benzo(a)pyrene

Concen: 32.632 ng/ul

RT: 23.780 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

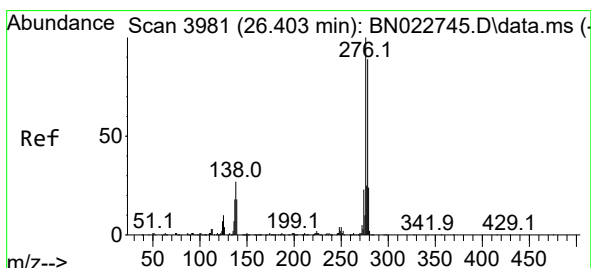
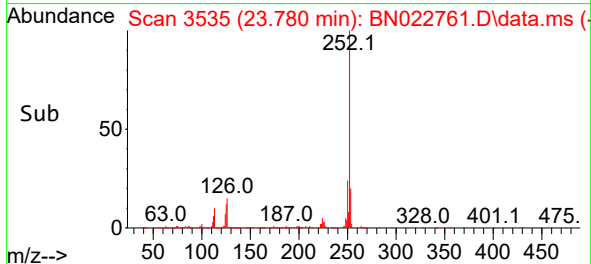
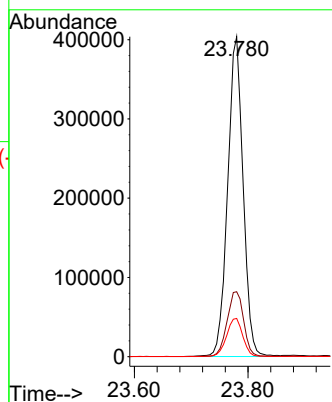
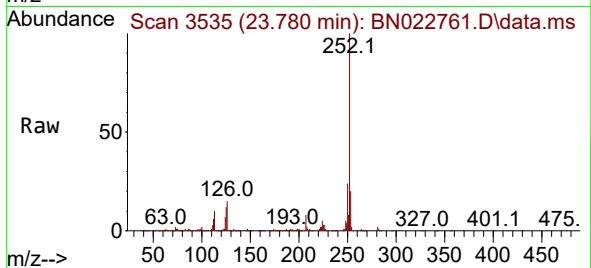
Tgt Ion:252 Resp: 762352

Ion Ratio Lower Upper

252 100

253 20.3 15.4 23.2

125 11.9 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.332 ng/ul

RT: 26.398 min Scan# 3980

Delta R.T. -0.000 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

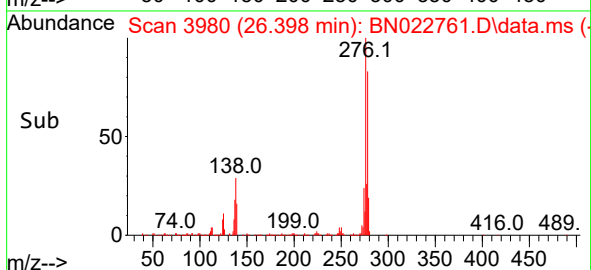
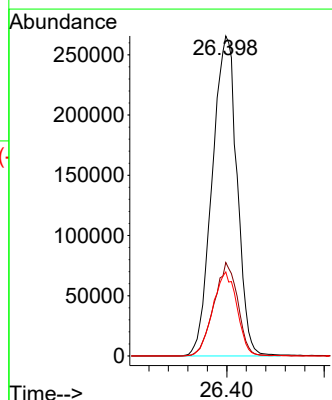
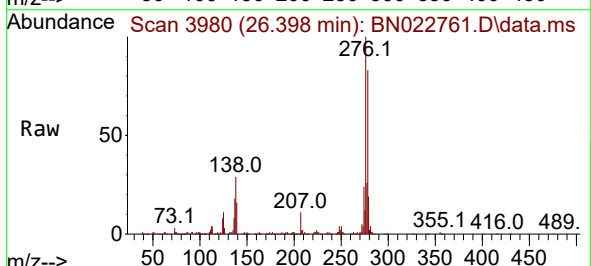
Tgt Ion:276 Resp: 938747

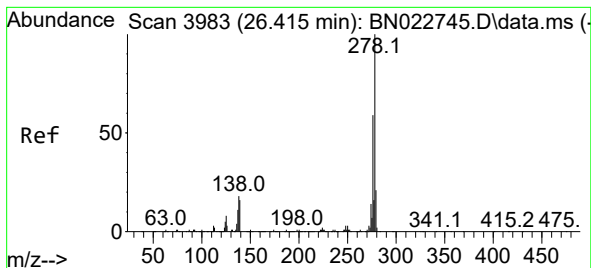
Ion Ratio Lower Upper

276 100

138 29.2 21.3 31.9

277 26.2 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 35.646 ng/ul

RT: 26.415 min Scan# 3983

Delta R.T. 0.006 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Instrument :

BNA_N

ClientSampleId :

SLCS148

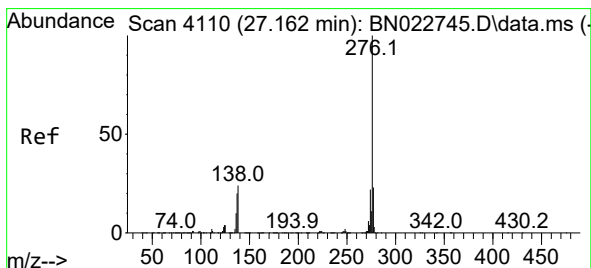
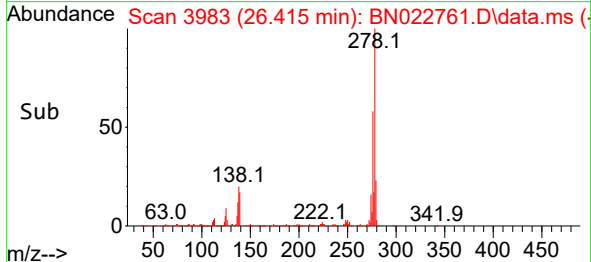
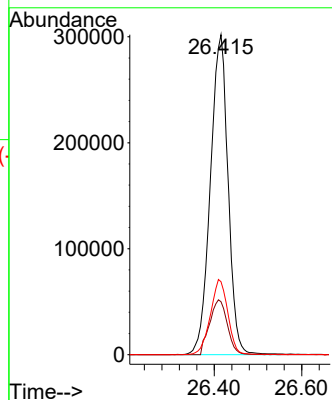
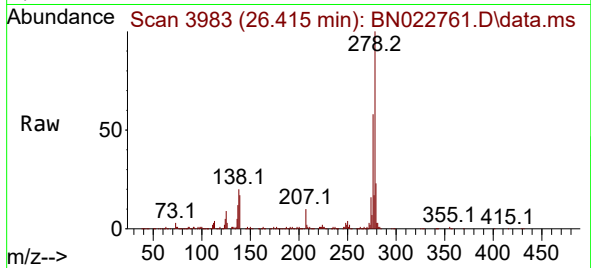
Tgt Ion:278 Resp: 848851

Ion Ratio Lower Upper

278 100

139 16.6 14.4 21.6

279 22.8 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 34.836 ng/ul

RT: 27.174 min Scan# 4112

Delta R.T. 0.006 min

Lab File: BN022761.D

Acq: 18 Nov 2022 17:41

Tgt Ion:276 Resp: 807012

Ion Ratio Lower Upper

276 100

138 23.6 18.6 27.8

277 24.7 18.0 27.0

