

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
 Data File : BN022760.D
 Acq On : 18 Nov 2022 17:04
 Operator : CG/JU
 Sample : PB149074BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS074

Quant Time: Nov 18 21:48:53 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	54164	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	265841	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	181417	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	388108	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	395182	20.000	ng/u1	0.00
88) Perylene-d12	23.880	264	421366	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8438	5.319	ng/uL	0.00
4) Pyridine-d5	3.611	84	119351	26.602	ng/u1	0.00
7) Phenol-d5	7.022	99	169628	33.159	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	105482	34.390	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	121102	32.325	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	138128	34.202	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	66176	32.160	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	71864	31.299	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	127322	32.528	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	185021	31.032	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	442483	33.533	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	481148	33.093	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	90427	34.376	ng/u1	0.00
60) Fluorene-d10	15.522	176	366325	33.849	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	77230	31.307	ng/u1	0.00
73) Anthracene-d10	17.380	188	568587	33.457	ng/u1	0.00
81) Pyrene-d10	19.686	212	645368	31.513	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	709085	33.476	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	16937	10.032	ng/uL	96
5) Pyridine	3.634	79	120106	26.999	ng/u1	97
6) Benzaldehyde	6.993	77	101458	39.200	ng/u1	98
8) Phenol	7.052	94	172616	32.398	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.281	93	132238	31.851	ng/u1	97
12) 2-Chlorophenol	7.410	128	128454	32.111	ng/u1	97
13) 2-Methylphenol	8.310	108	130669	32.949	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.393	45	188468	34.390	ng/u1	99
16) Acetophenone	8.693	105	223952	34.743	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	124372	36.203	ng/u1	99
18) 4-Methylphenol	8.646	108	147654	34.288	ng/u1	99
19) Hexachloroethane	8.934	117	52623	31.070	ng/u1	99
22) Nitrobenzene	9.075	77	176118	31.591	ng/u1	100
23) Isophorone	9.604	82	348625	32.692	ng/u1	100
25) 2-Nitrophenol	9.787	139	78795	31.215	ng/u1	96
26) 2,4-Dimethylphenol	9.851	107	166319	30.716	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.093	93	199570	32.453	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	127475	32.042	ng/u1	93
30) Naphthalene	10.722	128	440427	31.214	ng/u1	100
32) 4-Chloroaniline	10.845	127	190942	30.666	ng/u1	100
33) Hexachlorobutadiene	10.998	225	76648	31.301	ng/u1	98
34) Caprolactam	11.640	113	28684	19.005	ng/u1	99
35) 4-Chloro-3-methylphenol	11.981	107	179494	34.594	ng/u1	98
36) 2-Methylnaphthalene	12.340	142	314371	32.705	ng/u1	98

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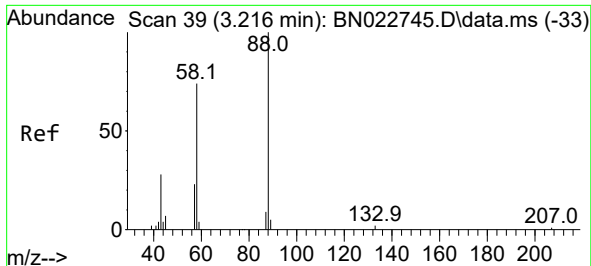
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	316262	32.822	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.710	216	150693	30.947	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	71017	24.979	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	108314	31.329	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	116282	31.761	ng/ul	98
43) 1,1'-Biphenyl	13.357	154	415091	31.172	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	326284	31.445	ng/ul	94
45) 2-Nitroaniline	13.616	65	128660	34.143	ng/ul	95
47) Dimethylphthalate	13.987	163	455725	32.859	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	94040	33.496	ng/ul	97
50) Acenaphthylene	14.245	152	521193	32.089	ng/ul	99
51) 3-Nitroaniline	14.445	138	98533	32.595	ng/ul	100
52) Acenaphthene	14.592	153	371863	32.269	ng/ul	96
53) 2,4-Dinitrophenol	14.663	184	55700	28.389	ng/ul	97
55) 4-Nitrophenol	14.763	109	88802	34.056	ng/ul	99
56) Dibenzofuran	14.928	168	501739	32.952	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	141273	34.555	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.157	232	103208	32.914	ng/ul	96
59) Diethylphthalate	15.351	149	491748	33.452	ng/ul	99
61) Fluorene	15.575	166	424883	33.414	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.569	204	194193	32.399	ng/ul	93
63) 4-Nitroaniline	15.616	138	102230	37.921	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	79139	31.037	ng/ul	97
67) N-Nitrosodiphenylamine	15.786	169	372939	32.094	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	120944	31.645	ng/ul	93
69) Hexachlorobenzene	16.581	284	146109	32.704	ng/ul#	88
70) Atrazine	16.751	200	134782	32.540	ng/ul	90
71) Pentachlorophenol	16.933	266	84580	29.797	ng/ul	92
72) Phenanthrene	17.322	178	679686	32.492	ng/ul	98
74) Anthracene	17.416	178	686791	32.413	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	149959	29.300	ng/uL	97
76) Pentachlorobenzene	14.839	250	156129	28.265	ng/uL	97
77) Carbazole	17.692	167	660192	33.533	ng/ul	98
78) Di-n-butylphthalate	18.251	149	894581	31.928	ng/ul	99
80) Fluoranthene	19.345	202	800497	31.318	ng/ul	96
82) Pyrene	19.716	202	832036	31.778	ng/ul	98
83) Butylbenzylphthalate	20.616	149	426144	31.974	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	295398	33.878	ng/ul	96
85) Benzo(a)anthracene	21.468	228	833736	31.948	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	644584	32.767	ng/ul	96
87) Chrysene	21.521	228	793501	32.109	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	1141310	30.798	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	904895	31.689	ng/ul	99
91) Benzo(k)fluoranthene	23.198	252	841633	31.050	ng/ul	97
93) Benzo(a)pyrene	23.780	252	769900	31.808	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.398	276	933854	33.925	ng/ul	96
95) Dibenzo(a,h)anthracene	26.415	278	862616	34.963	ng/ul	98
96) Benzo(g,h,i)perylene	27.168	276	819410	34.140	ng/ul	100

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

BNA N

ClientSampleId :
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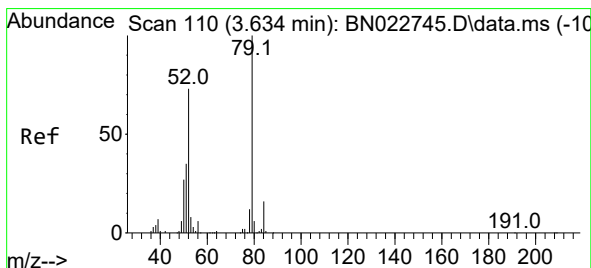
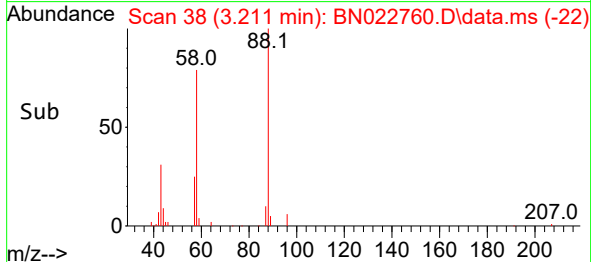
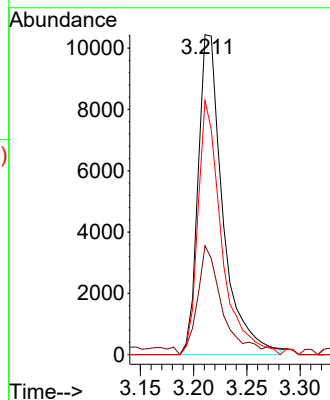
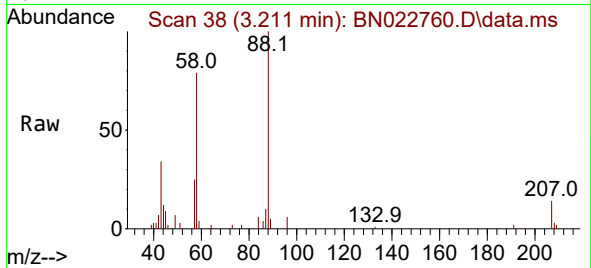
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#2
1,4-Dioxane
Concen: 10.032 ng/uL
RT: 3.211 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

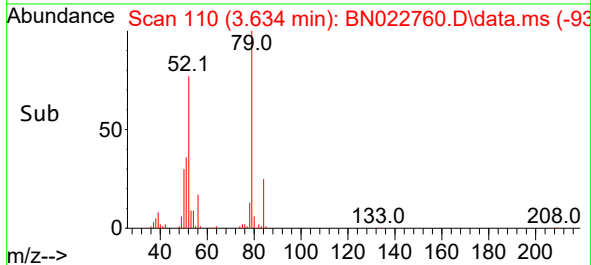
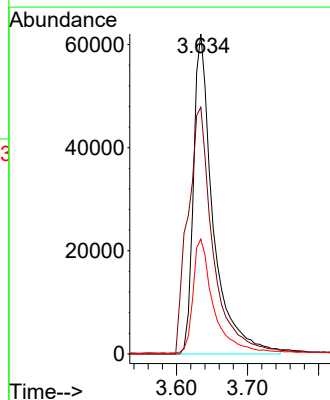
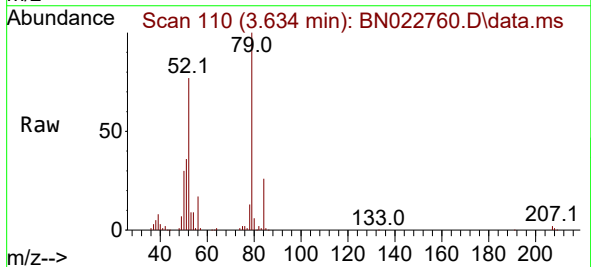
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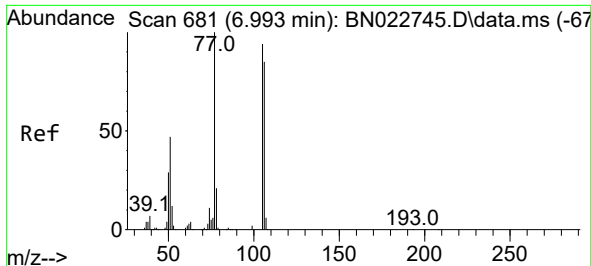
Tgt Ion: 88 Resp: 16937
Ion Ratio Lower Upper
88 100
43 34.1 30.8 46.2
58 79.4 61.7 92.5



#5
Pyridine
Concen: 26.999 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion: 79 Resp: 120106
Ion Ratio Lower Upper
79 100
52 77.1 58.6 88.0
51 35.9 28.8 43.2

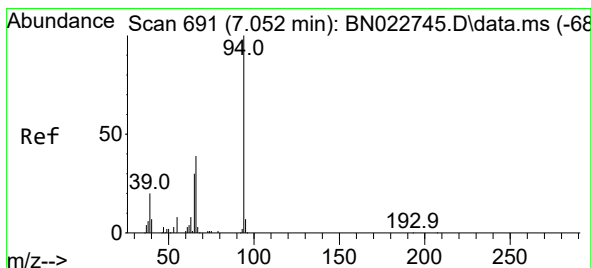
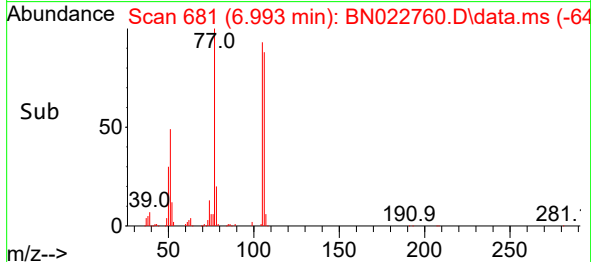
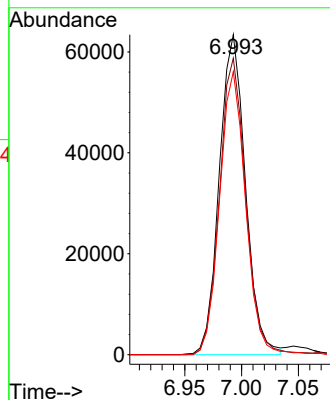
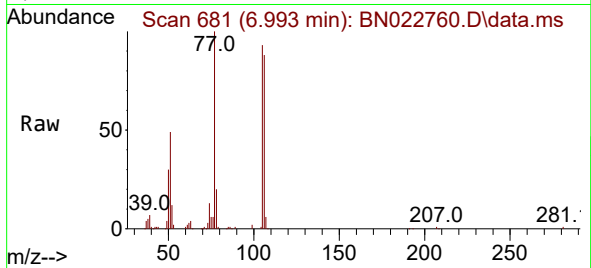




#6
Benzaldehyde
Concen: 39.200 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

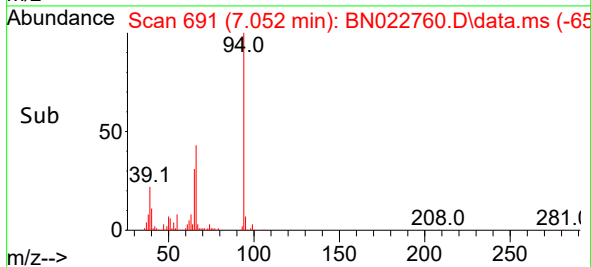
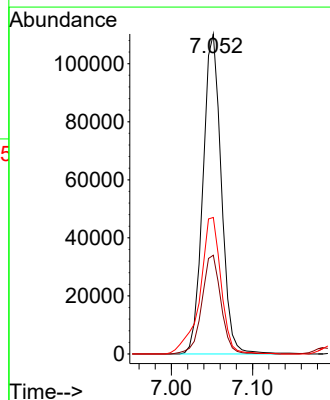
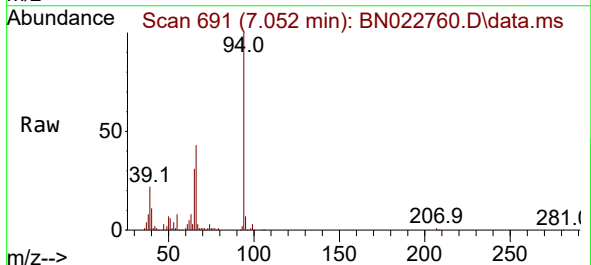
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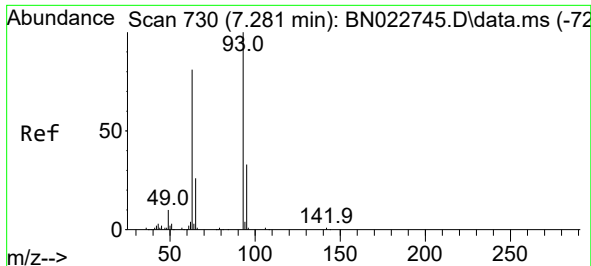
Tgt Ion: 77 Resp: 101458
Ion Ratio Lower Upper
77 100
105 92.6 75.2 112.8
106 88.4 69.0 103.6



#8
Phenol
Concen: 32.398 ng/ul
RT: 7.052 min Scan# 691
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion: 94 Resp: 172616
Ion Ratio Lower Upper
94 100
65 30.9 24.3 36.5
66 42.6 33.5 50.3



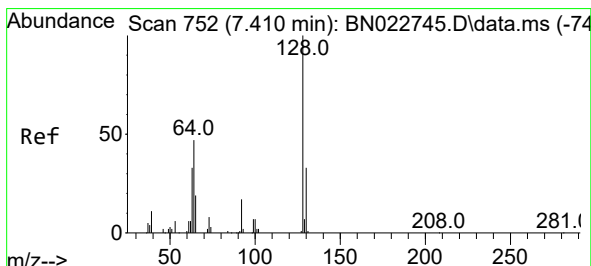
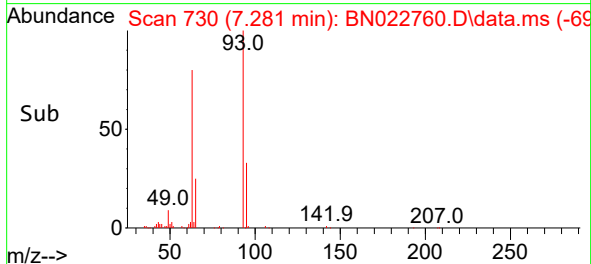
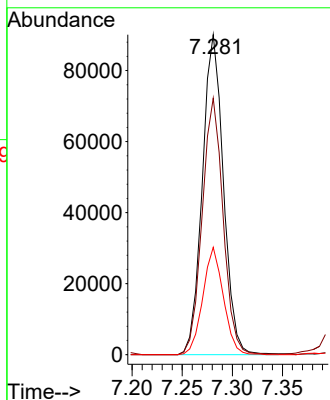
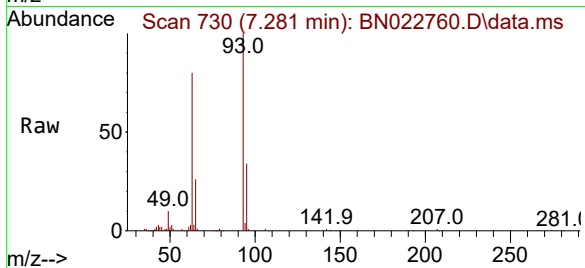


#10
 Bis(2-Chloroethyl)ether
 Concen: 31.851 ng/ul
 RT: 7.281 min Scan# 730
 Delta R.T. -0.000 min
 Lab File: BN022760.D
 Acq: 18 Nov 2022 17:04

Instrument :
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 ClientSampleId :
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Tgt Ion: 93 Resp: 132238

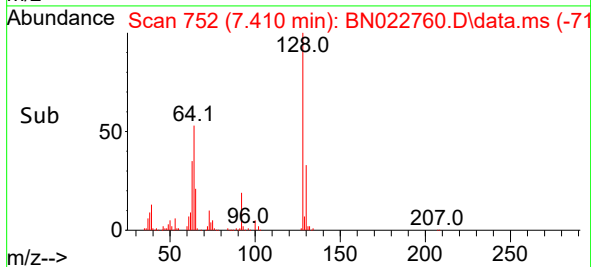
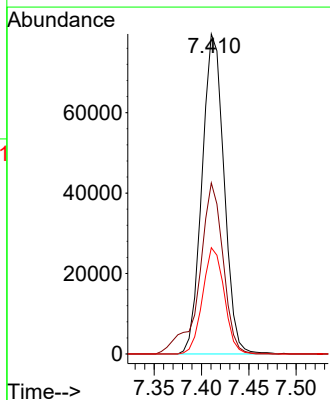
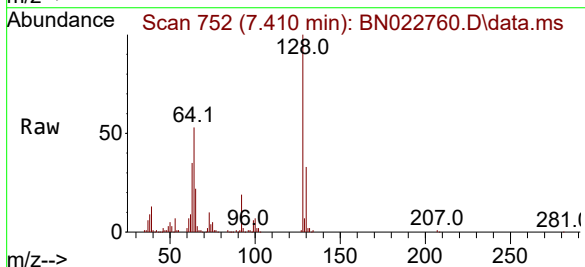
Ion	Ratio	Lower	Upper
93	100		
63	80.2	61.8	92.6
95	33.5	26.3	39.5

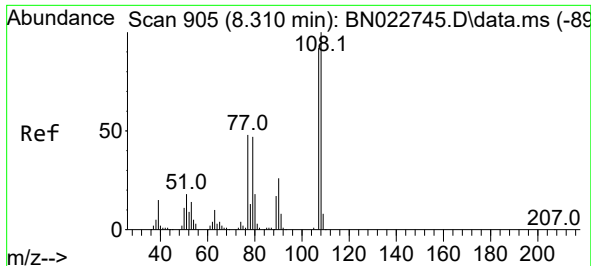


#12
 2-Chlorophenol
 Concen: 32.111 ng/ul
 RT: 7.410 min Scan# 752
 Delta R.T. -0.000 min
 Lab File: BN022760.D
 Acq: 18 Nov 2022 17:04

Tgt Ion:128 Resp: 128454

Ion	Ratio	Lower	Upper
128	100		
64	53.5	40.0	60.0
130	33.2	26.3	39.5

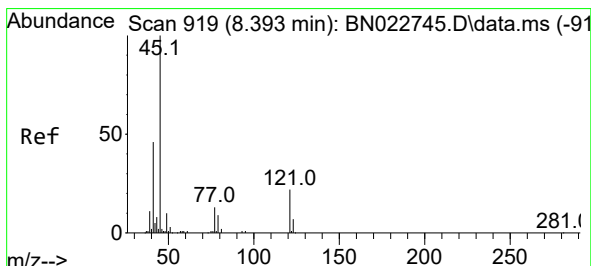
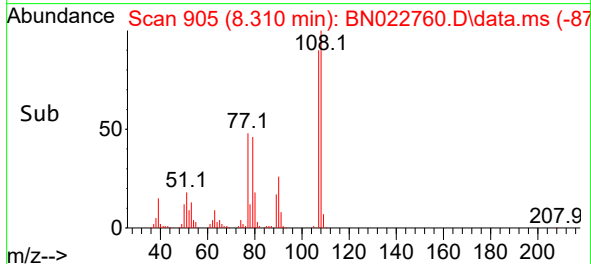
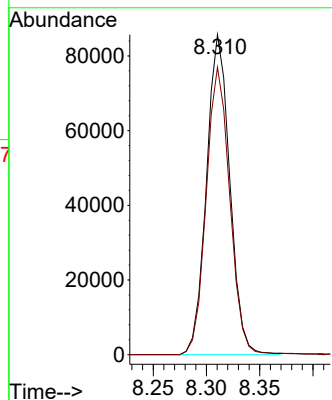
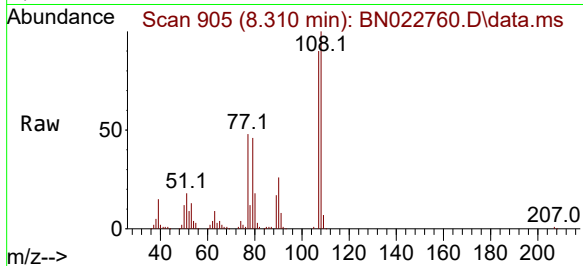




#13
2-Methylphenol
Concen: 32.949 ng/ul
RT: 8.310 min Scan# 905
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

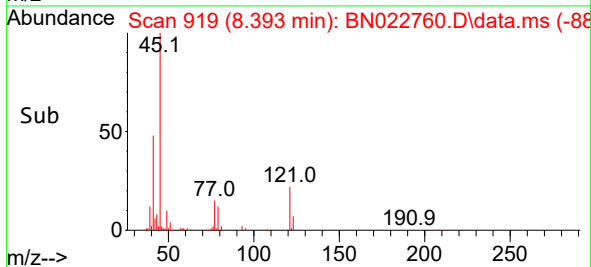
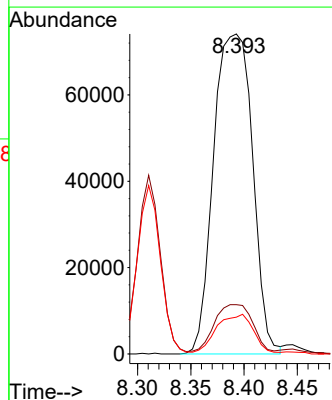
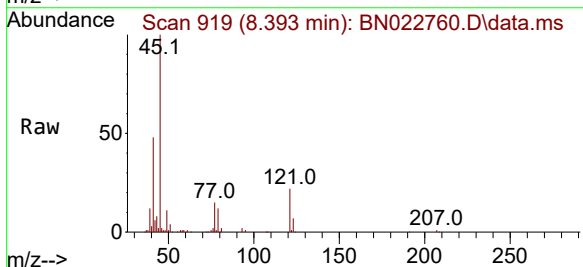
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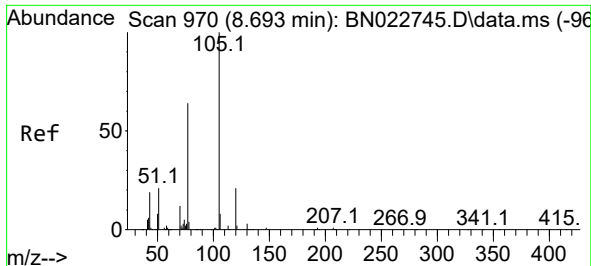
Tgt Ion:108 Resp: 130669
Ion Ratio Lower Upper
108 100
107 89.9 74.1 111.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 34.390 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion: 45 Resp: 188468
Ion Ratio Lower Upper
45 100
77 15.4 13.0 19.4
79 11.5 9.5 14.3

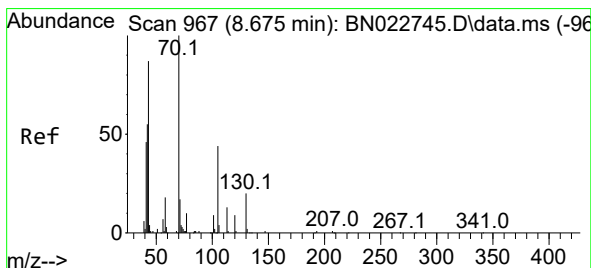
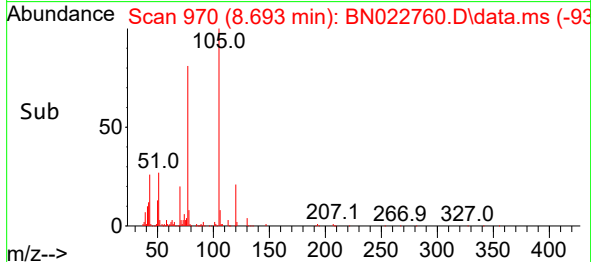
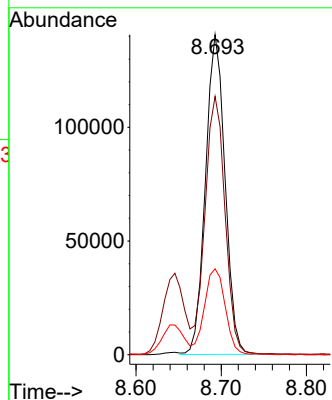
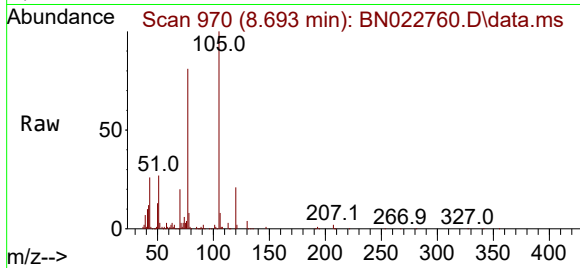




#16
Acetophenone
Concen: 34.743 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

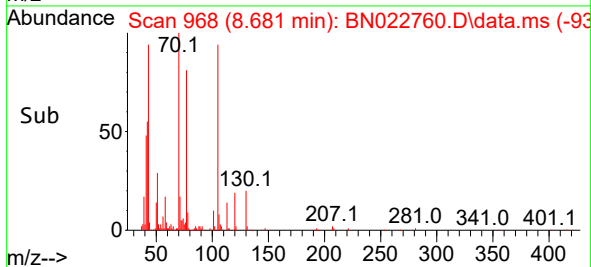
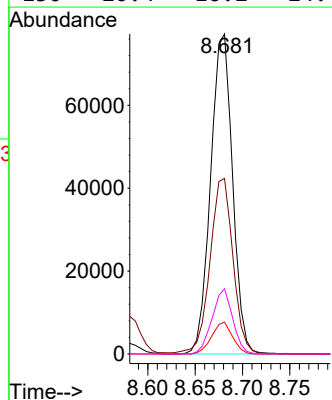
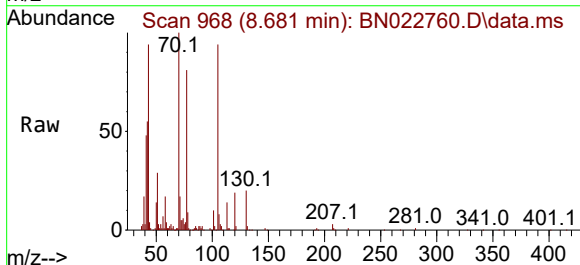
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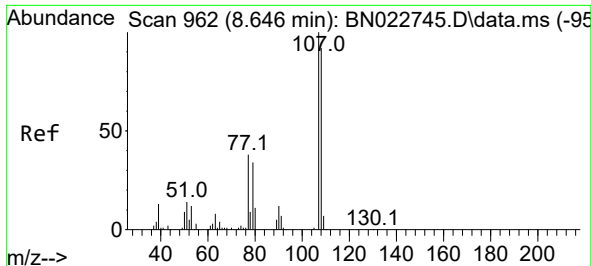
Tgt Ion:105 Resp: 223952
Ion Ratio Lower Upper
105 100
77 80.7 64.0 96.0
51 26.8 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 36.203 ng/ul
RT: 8.681 min Scan# 968
Delta R.T. 0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion: 70 Resp: 124372
Ion Ratio Lower Upper
70 100
42 54.9 43.4 65.2
101 10.0 8.0 12.0
130 20.4 16.2 24.4

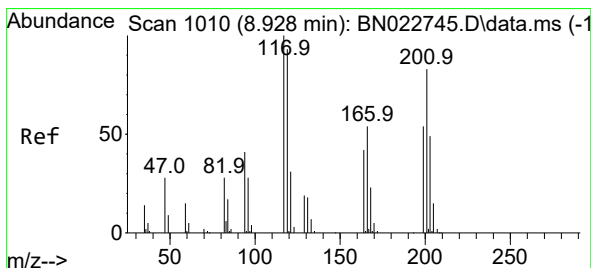
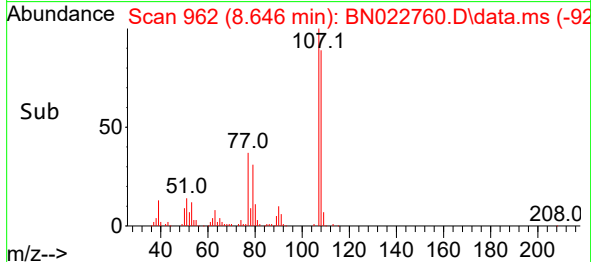
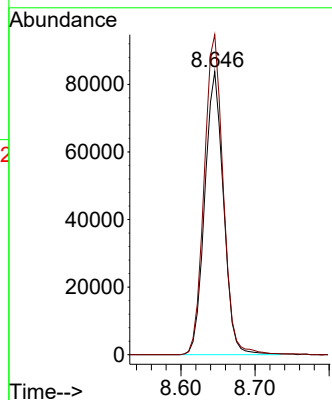
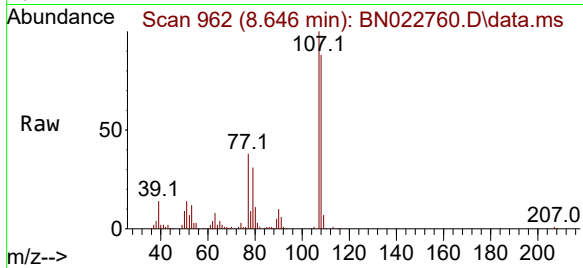




#18
4-Methylphenol
Concen: 34.288 ng/ul
RT: 8.646 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

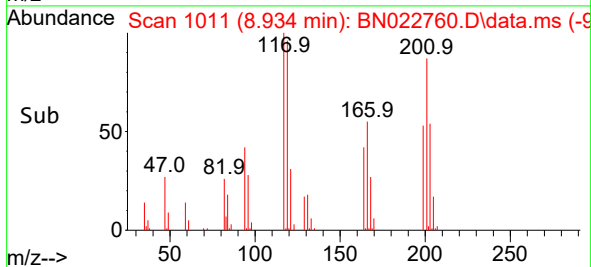
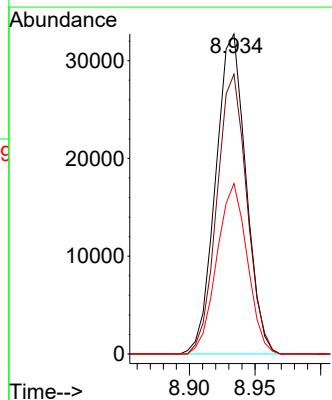
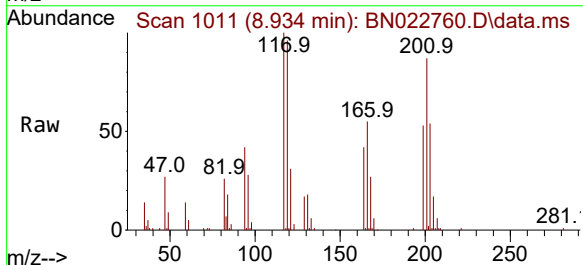
Instrument :
BNA_N
ClientSampleId :
SLCS074

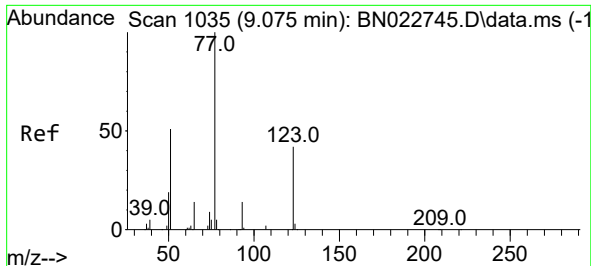
Tgt Ion:108 Resp: 147654
Ion Ratio Lower Upper
108 100
107 113.1 89.4 134.2



#19
Hexachloroethane
Concen: 31.070 ng/ul
RT: 8.934 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:117 Resp: 52623
Ion Ratio Lower Upper
117 100
201 87.4 69.5 104.3
199 53.3 43.9 65.9





#22

Nitrobenzene

Concen: 31.591 ng/ul

RT: 9.075 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

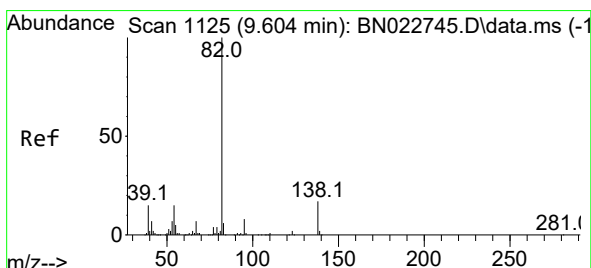
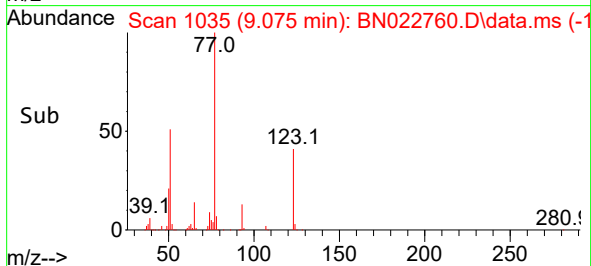
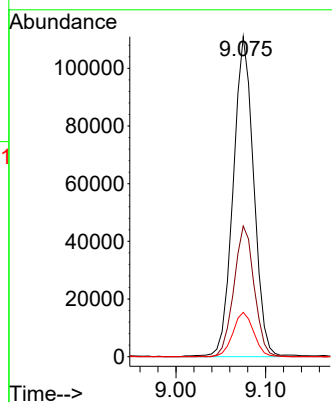
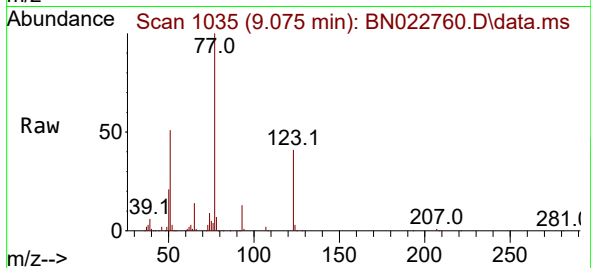
Tgt Ion: 77 Resp: 176118

Ion Ratio Lower Upper

77 100

123 40.8 32.6 49.0

65 13.9 10.7 16.1



#23

Isophorone

Concen: 32.692 ng/ul

RT: 9.604 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

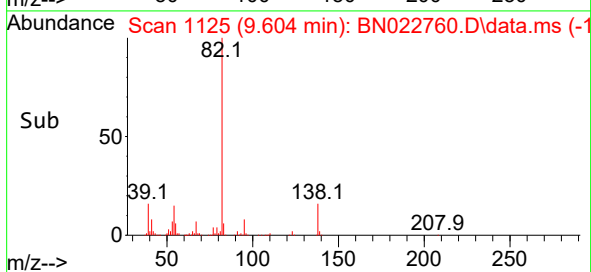
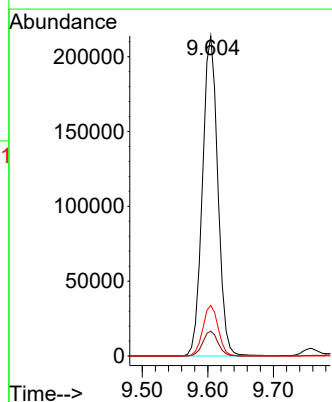
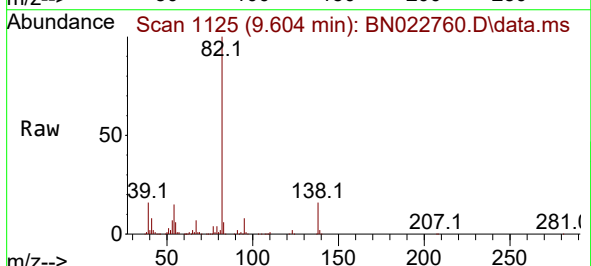
Tgt Ion: 82 Resp: 348625

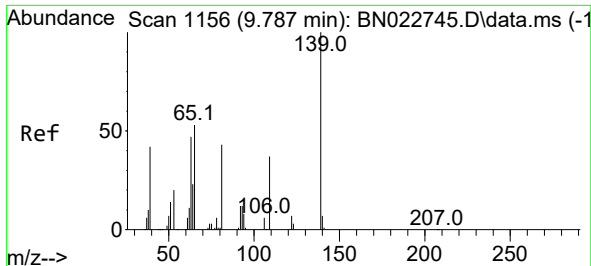
Ion Ratio Lower Upper

82 100

95 7.7 6.3 9.5

138 15.8 12.8 19.2





#25

2-Nitrophenol

Concen: 31.215 ng/ul

RT: 9.787 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

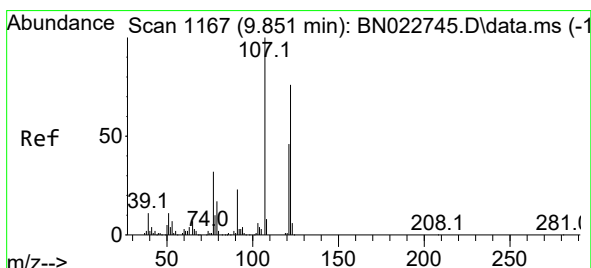
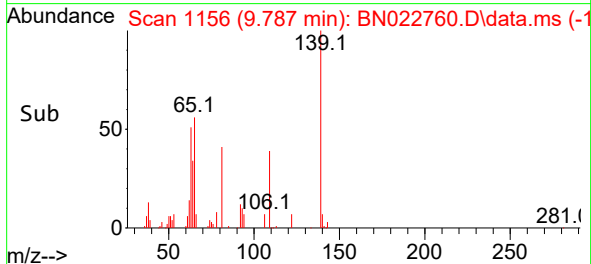
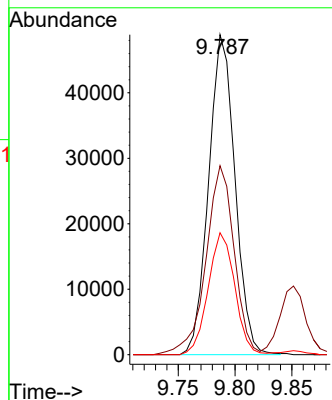
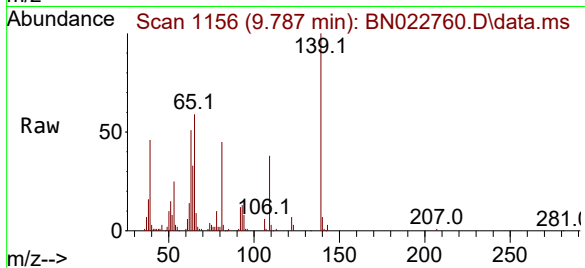
Tgt Ion:139 Resp: 78795

Ion Ratio Lower Upper

139 100

65 59.0 45.4 68.2

109 38.1 27.9 41.9



#26

2,4-Dimethylphenol

Concen: 30.716 ng/ul

RT: 9.851 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

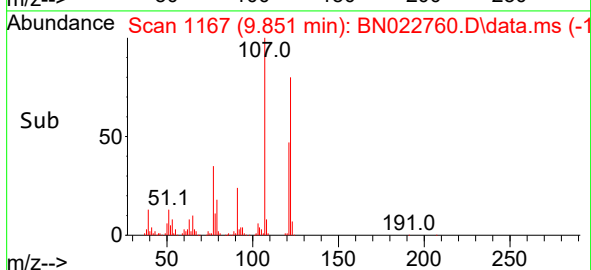
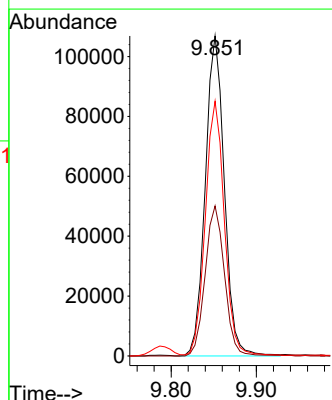
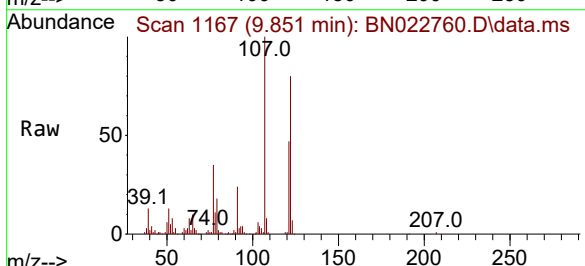
Tgt Ion:107 Resp: 166319

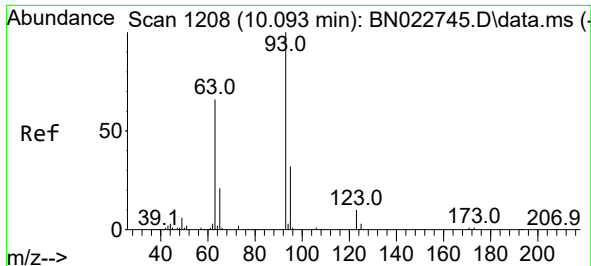
Ion Ratio Lower Upper

107 100

121 46.9 38.5 57.7

122 79.6 64.1 96.1

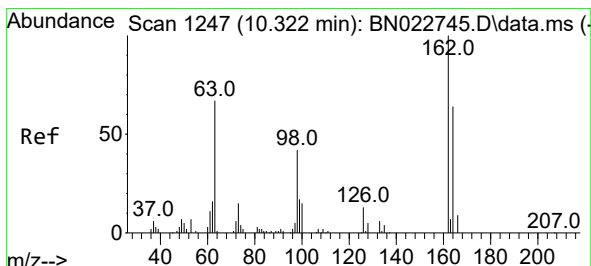
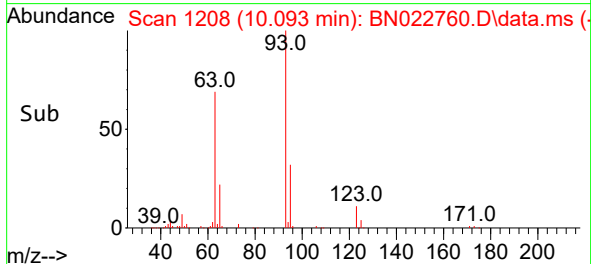
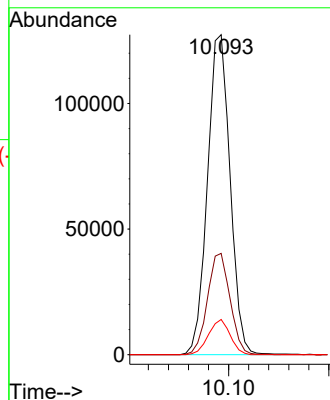
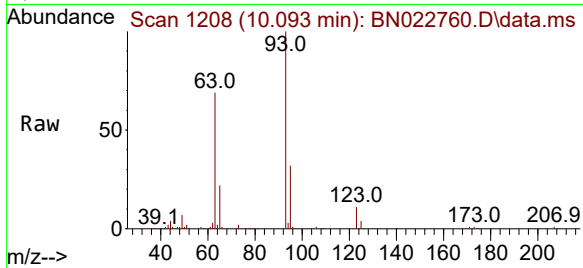




#27
Bis(2-Chloroethoxy)methane
Concen: 32.453 ng/ul
RT: 10.093 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

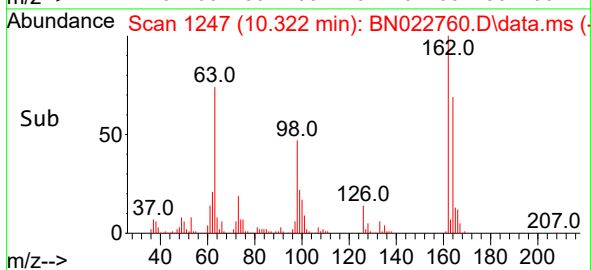
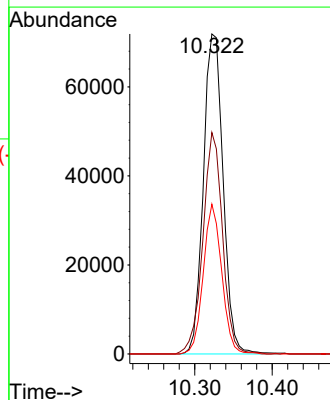
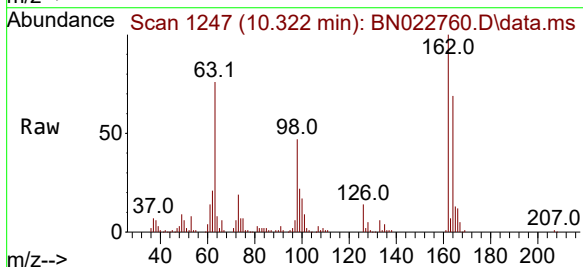
Instrument :
BNA_N
ClientSampleId :
SLCS074

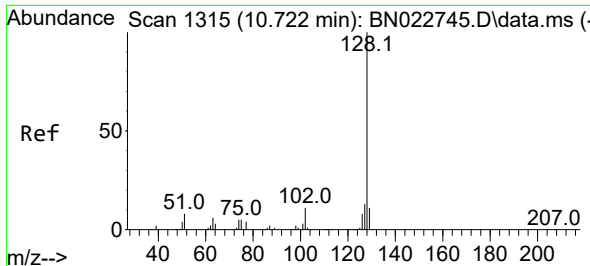
Tgt Ion: 93 Resp: 199570
Ion Ratio Lower Upper
93 100
95 31.7 25.8 38.6
123 11.0 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 32.042 ng/ul
RT: 10.322 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:162 Resp: 127475
Ion Ratio Lower Upper
162 100
164 69.2 51.9 77.9
98 46.8 33.1 49.7

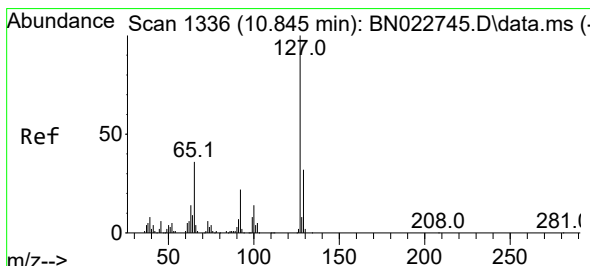
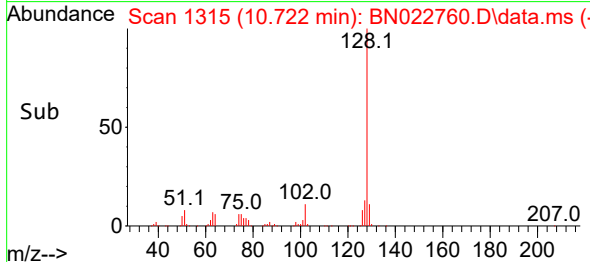
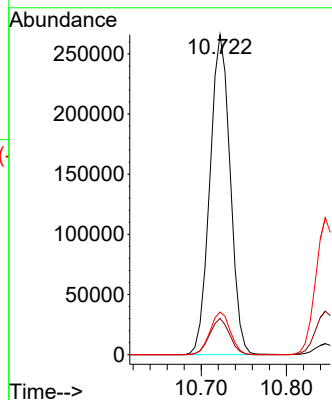
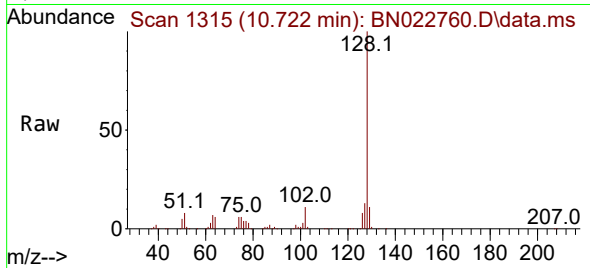




#30
Naphthalene
Concen: 31.214 ng/ul
RT: 10.722 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

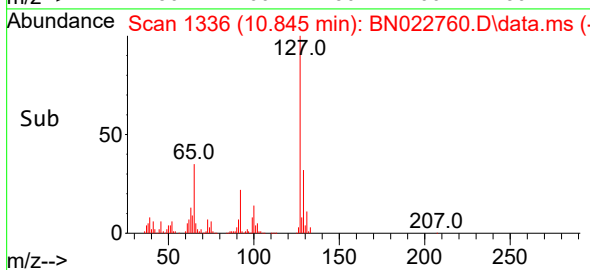
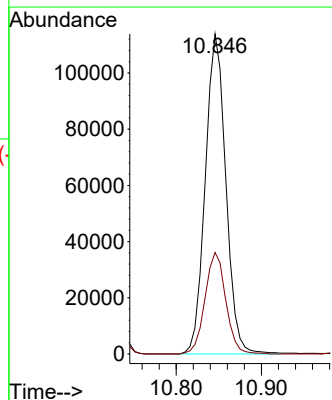
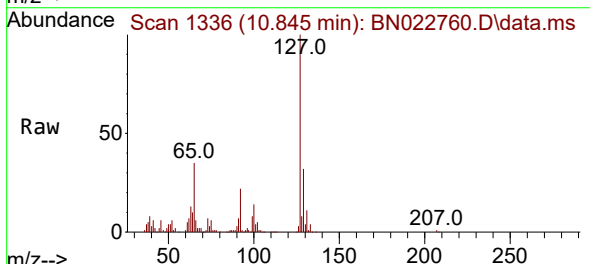
Instrument :
BNA_N
ClientSampleId :
SLCS074

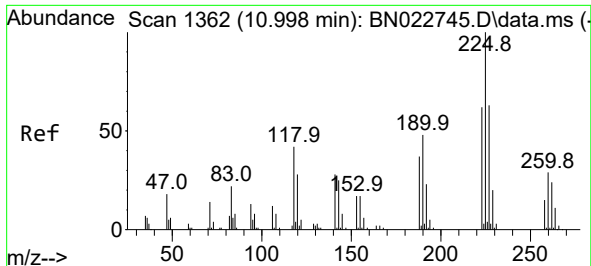
Tgt Ion:128 Resp: 440427
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 16.0



#32
4-Chloroaniline
Concen: 30.666 ng/ul
RT: 10.845 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:127 Resp: 190942
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.0

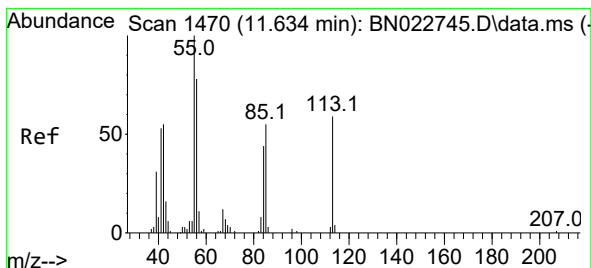
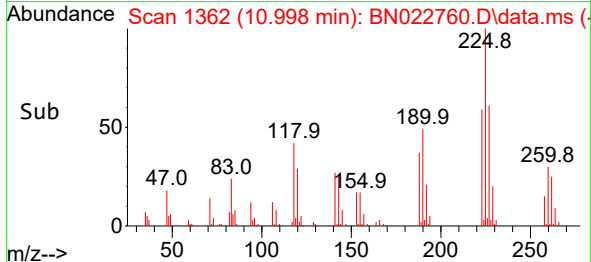
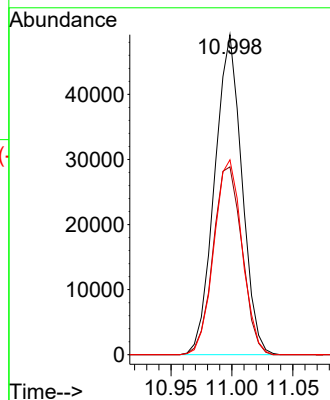
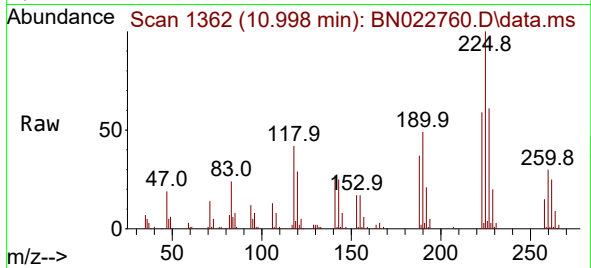




#33
Hexachlorobutadiene
Concen: 31.301 ng/ul
RT: 10.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

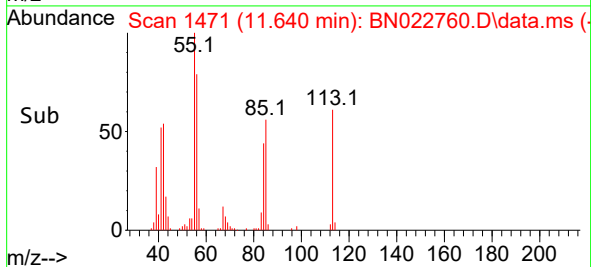
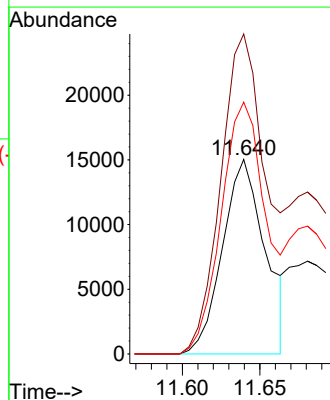
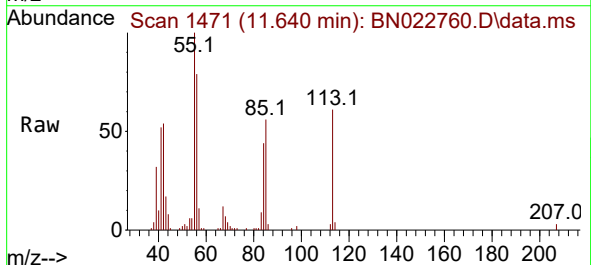
Instrument :
BNA_N
ClientSampleId :
SLCS074

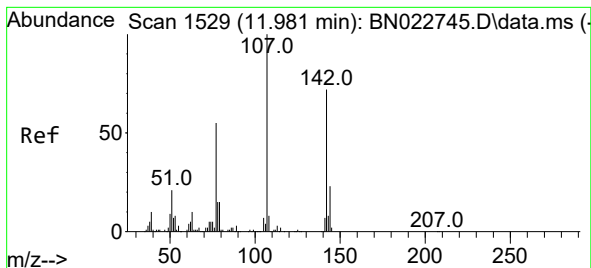
Tgt Ion:225 Resp: 76648
Ion Ratio Lower Upper
225 100
223 58.7 48.6 73.0
227 60.9 47.8 71.8



#34
Caprolactam
Concen: 19.005 ng/ul
RT: 11.640 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:113 Resp: 28684
Ion Ratio Lower Upper
113 100
55 164.5 133.8 200.8
56 129.5 103.8 155.6

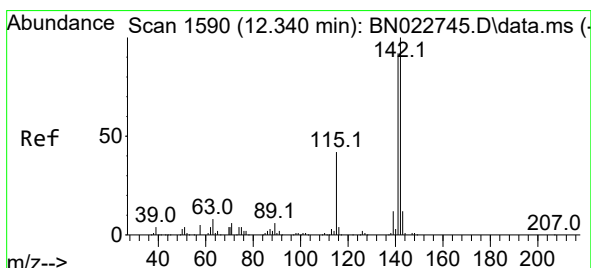
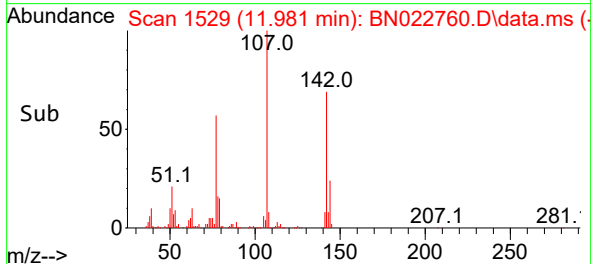
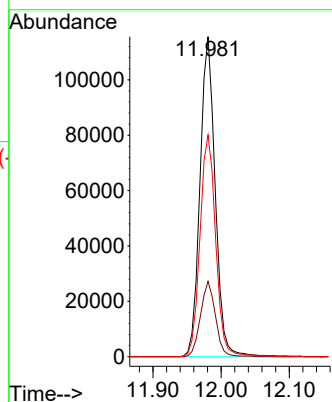
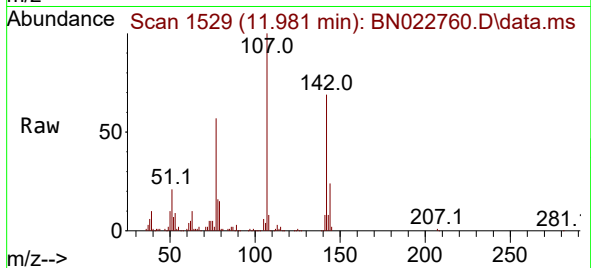




#35
4-Chloro-3-methylphenol
Concen: 34.594 ng/ul
RT: 11.981 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

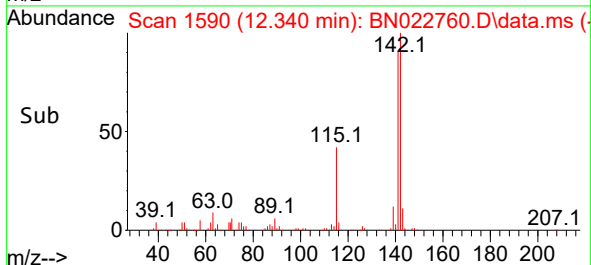
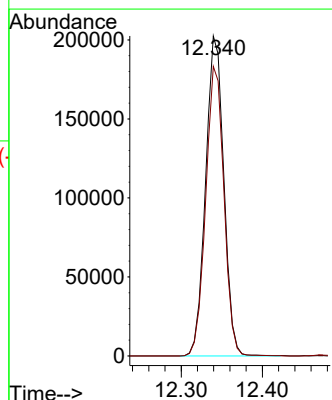
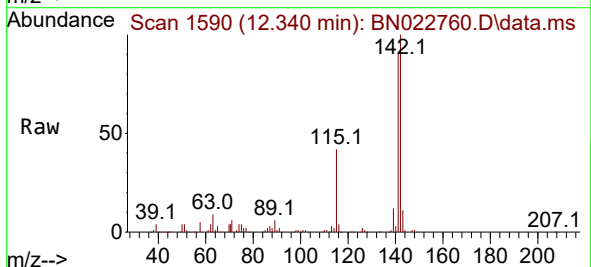
Instrument :
BNA_N
ClientSampleId :
SLCS074

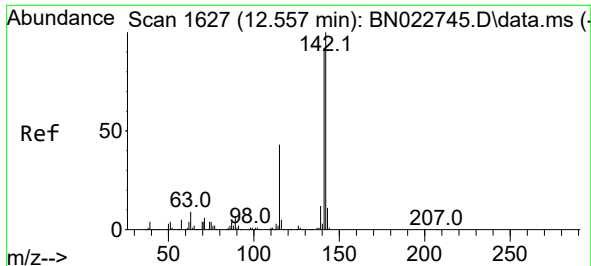
Tgt Ion:107 Resp: 179494
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.4
142 69.3 57.0 85.6



#36
2-Methylnaphthalene
Concen: 32.705 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:142 Resp: 314371
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8

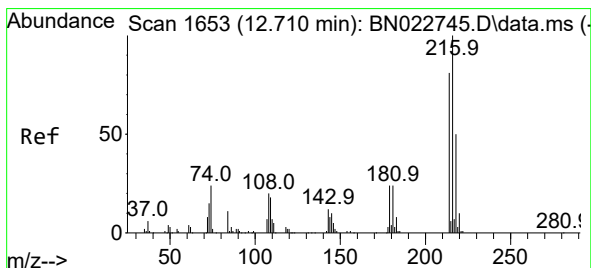
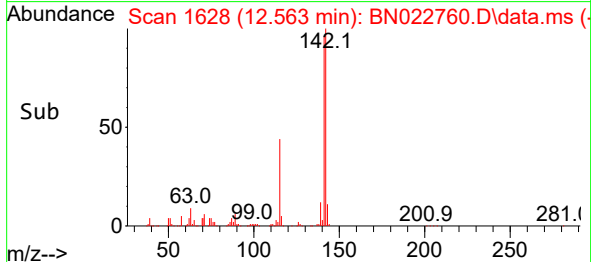
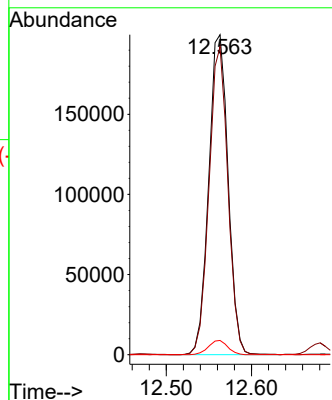
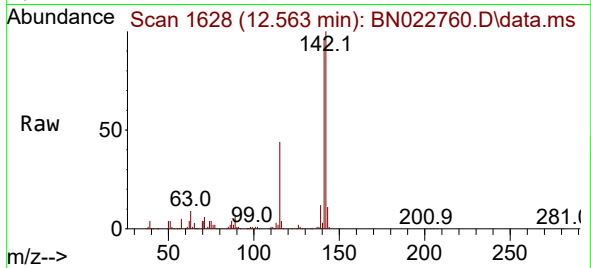




#37
1-Methylnaphthalene
Concen: 32.822 ng/ul
RT: 12.563 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

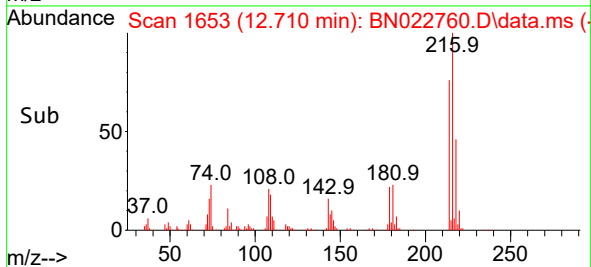
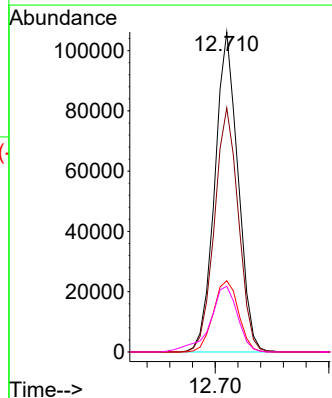
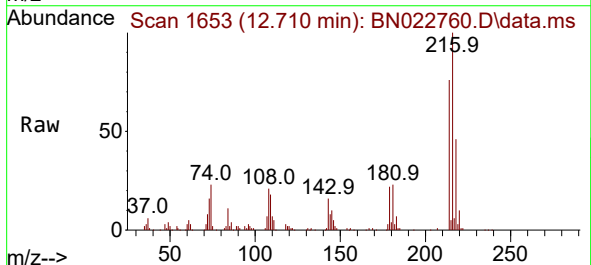
Instrument :
BNA_N
ClientSampleId :
SLCS074

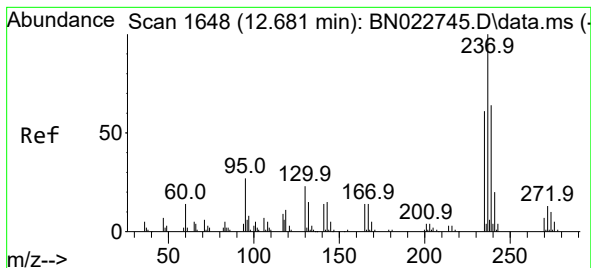
Tgt Ion:142 Resp: 316262
Ion Ratio Lower Upper
142 100
141 96.2 77.2 115.8
116 4.5 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.947 ng/ul
RT: 12.710 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:216 Resp: 150693
Ion Ratio Lower Upper
216 100
214 76.2 62.9 94.3
179 22.2 19.0 28.4
108 20.5 17.4 26.2





#40

Hexachlorocyclopentadiene

Concen: 24.979 ng/ul

RT: 12.681 min Scan# 1648

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

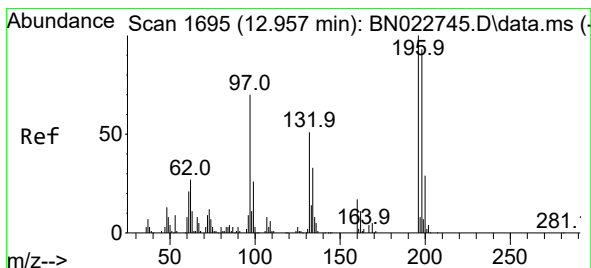
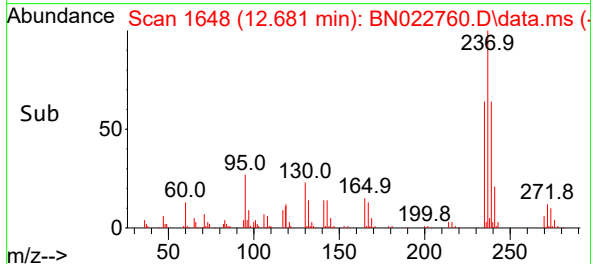
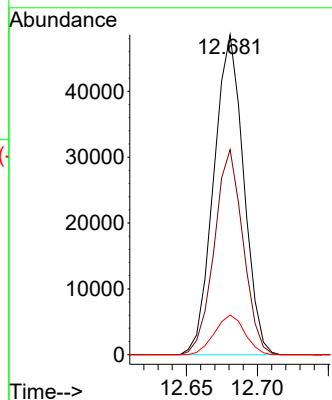
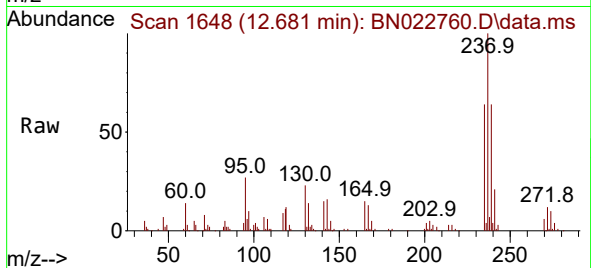
Tgt Ion:237 Resp: 71017

Ion Ratio Lower Upper

237 100

235 64.1 50.3 75.5

272 13.2 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 31.329 ng/ul

RT: 12.957 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

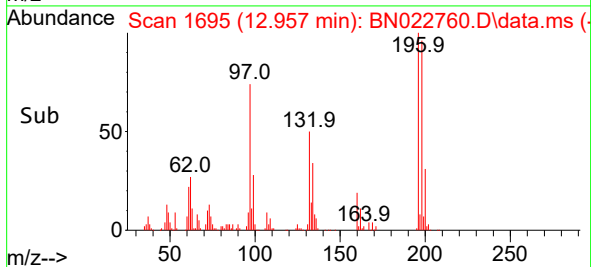
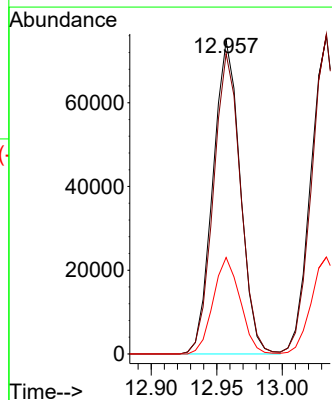
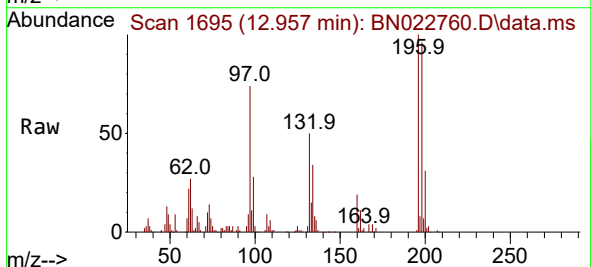
Tgt Ion:196 Resp: 108314

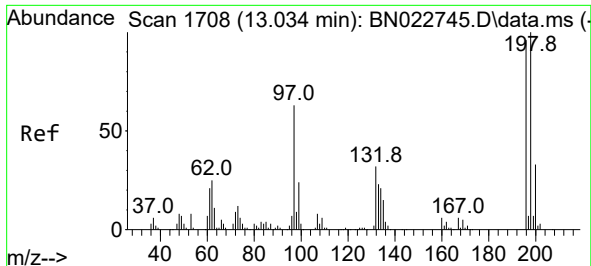
Ion Ratio Lower Upper

196 100

198 95.9 77.3 115.9

200 30.8 25.4 38.2

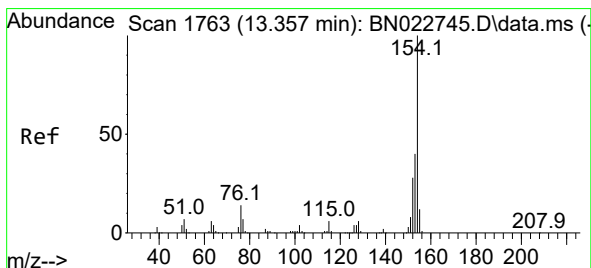
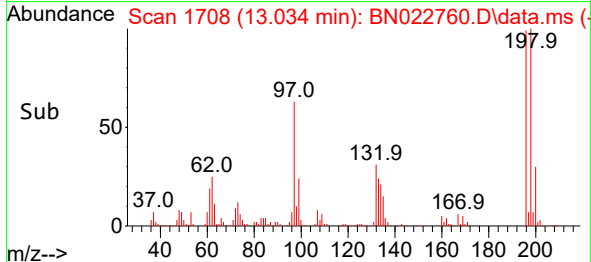
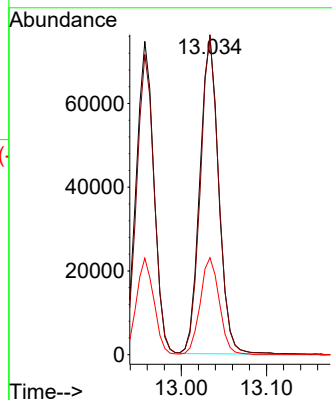
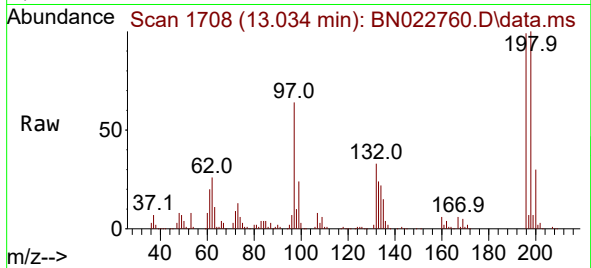




#42
2,4,5-Trichlorophenol
Concen: 31.761 ng/ul
RT: 13.034 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

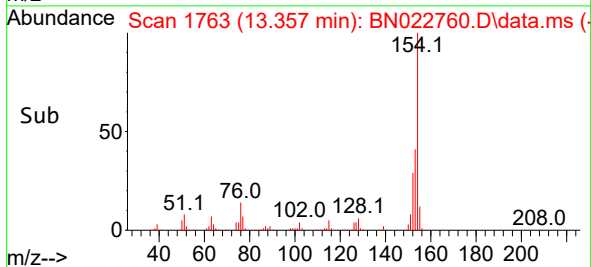
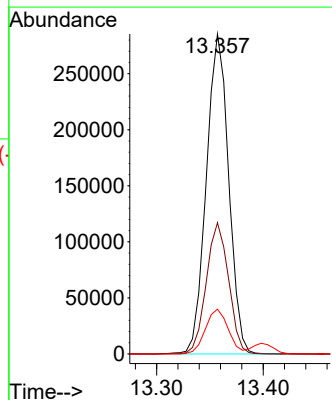
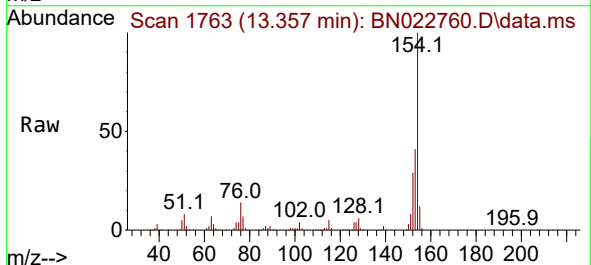
Instrument :
BNA_N
ClientSampleId :
SLCS074

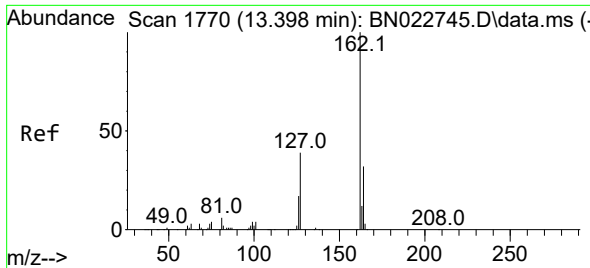
Tgt Ion:196 Resp: 116282
Ion Ratio Lower Upper
196 100
198 100.6 78.8 118.2
200 30.5 26.0 39.0



#43
1,1'-Biphenyl
Concen: 31.172 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:154 Resp: 415091
Ion Ratio Lower Upper
154 100
153 41.0 32.2 48.2
76 14.0 11.2 16.8

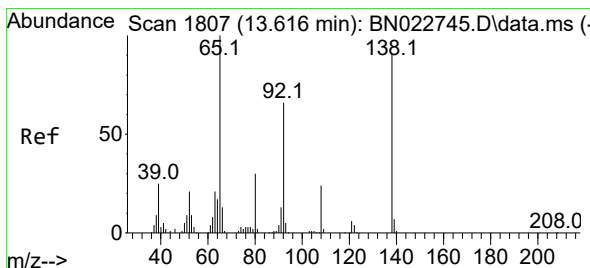
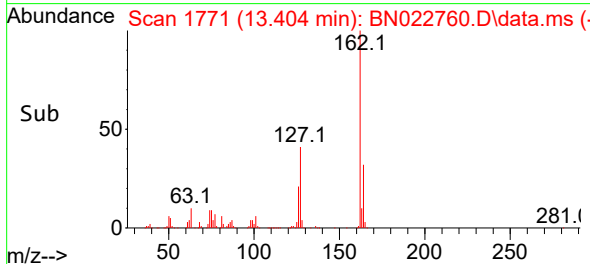
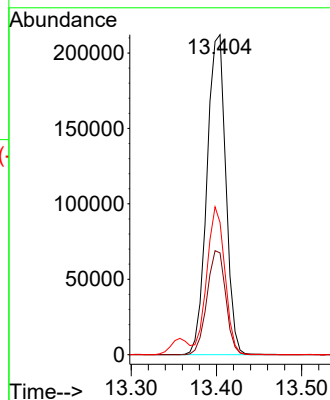
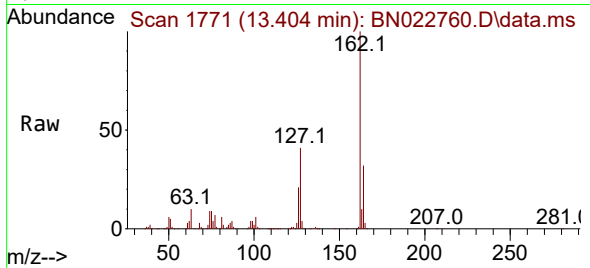




#44
2-Chloronaphthalene
Concen: 31.445 ng/ul
RT: 13.404 min Scan# 1771
Delta R.T. 0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

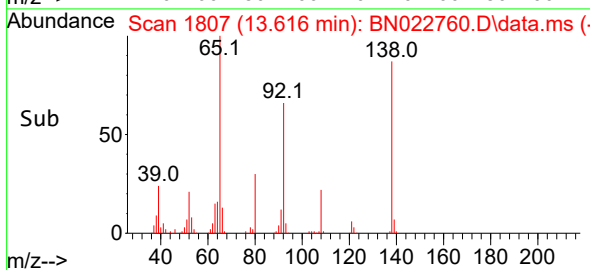
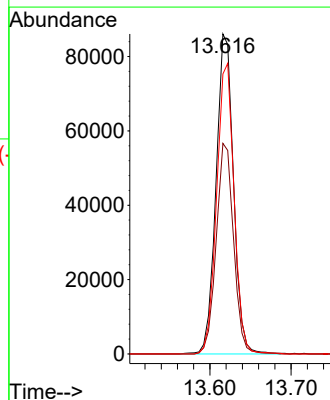
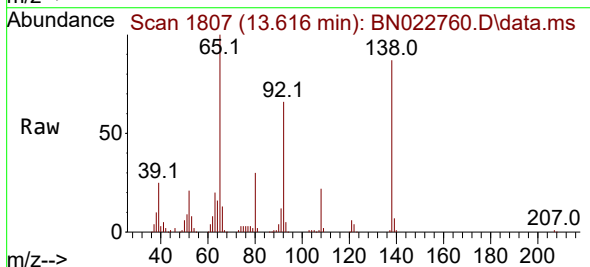
Instrument :
BNA_N
ClientSampleId :
SLCS074

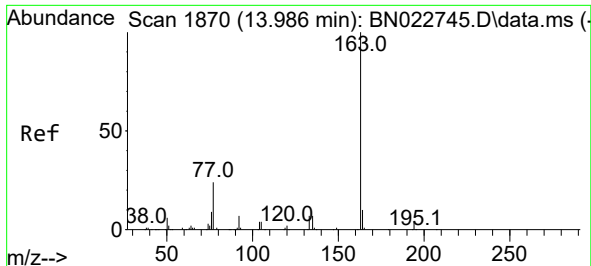
Tgt Ion:162 Resp: 326284
Ion Ratio Lower Upper
162 100
164 31.8 26.0 39.0
127 41.3 37.8 56.6



#45
2-Nitroaniline
Concen: 34.143 ng/ul
RT: 13.616 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion: 65 Resp: 128660
Ion Ratio Lower Upper
65 100
92 65.8 55.2 82.8
138 87.5 74.1 111.1





#47

Dimethylphthalate

Concen: 32.859 ng/ul

RT: 13.987 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

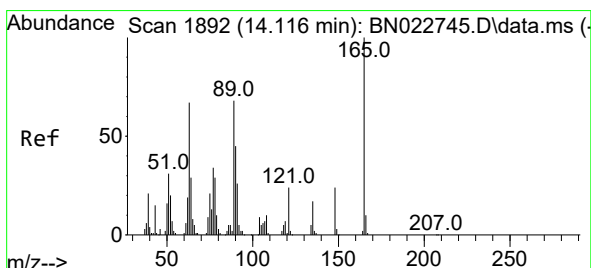
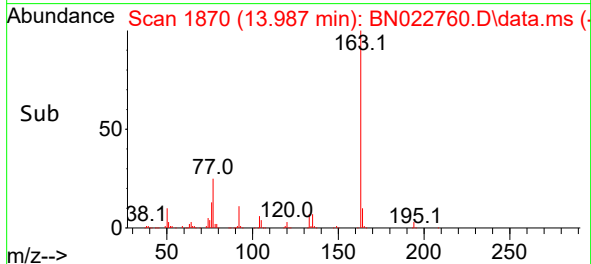
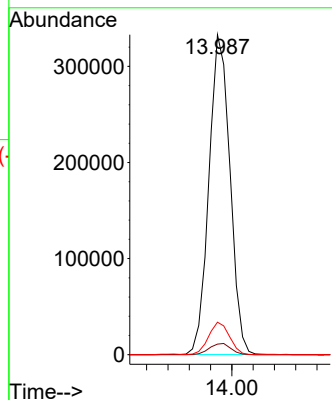
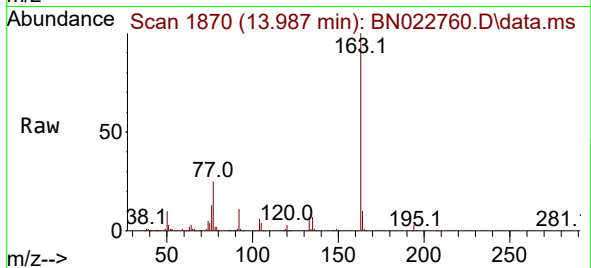
Tgt Ion:163 Resp: 455725

Ion Ratio Lower Upper

163 100

194 3.3 3.2 4.8

164 10.1 8.6 12.8



#48

2,6-Dinitrotoluene

Concen: 33.496 ng/ul

RT: 14.116 min Scan# 1892

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

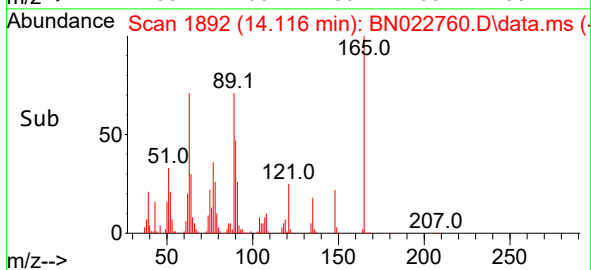
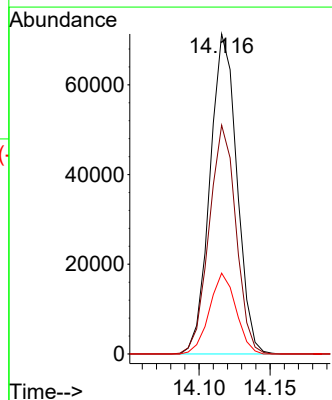
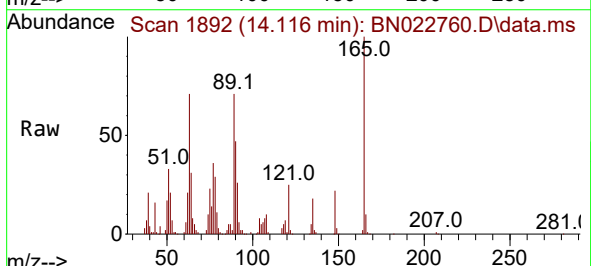
Tgt Ion:165 Resp: 94040

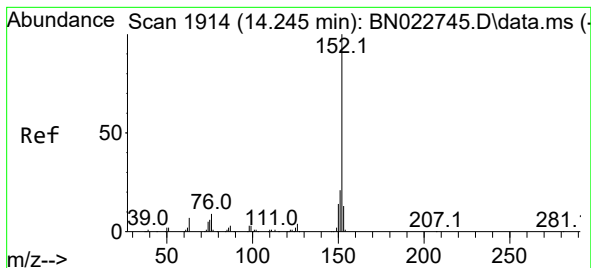
Ion Ratio Lower Upper

165 100

89 71.5 55.2 82.8

121 25.2 19.6 29.4





#50

Acenaphthylene

Concen: 32.089 ng/ul

RT: 14.245 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

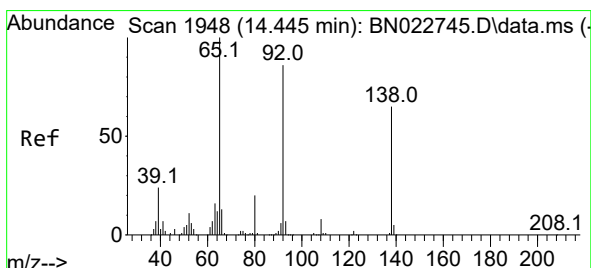
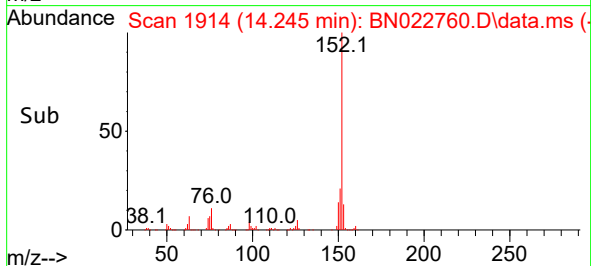
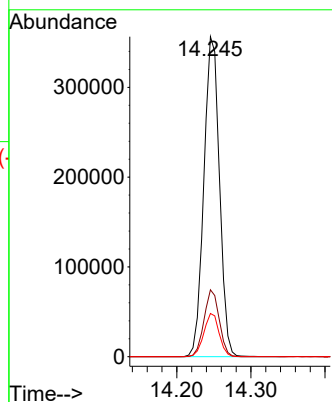
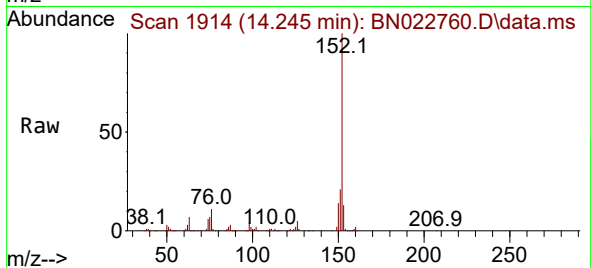
Tgt Ion:152 Resp: 521193

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 13.5 10.9 16.3



#51

3-Nitroaniline

Concen: 32.595 ng/ul

RT: 14.445 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

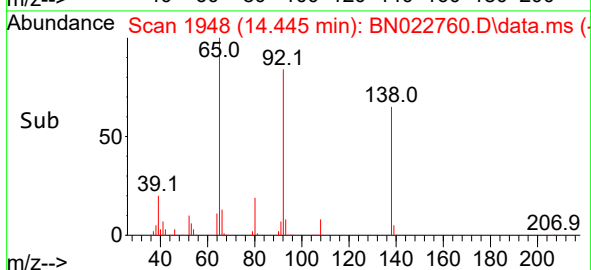
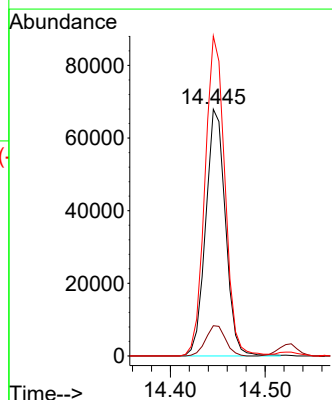
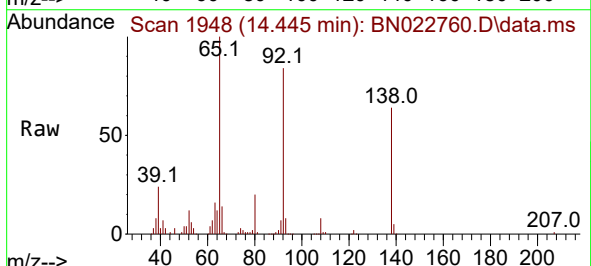
Tgt Ion:138 Resp: 98533

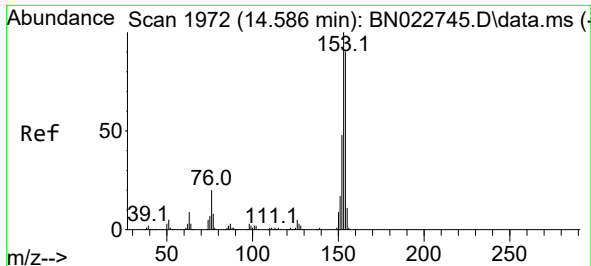
Ion Ratio Lower Upper

138 100

108 12.3 9.7 14.5

92 129.7 103.7 155.5

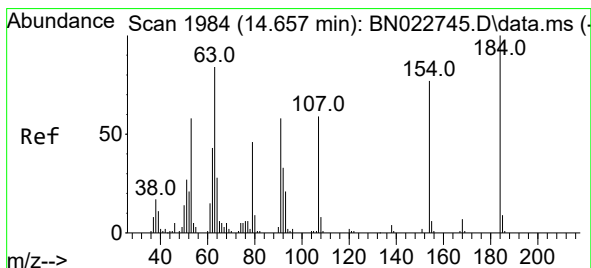
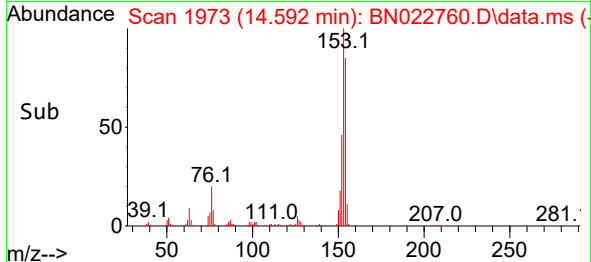
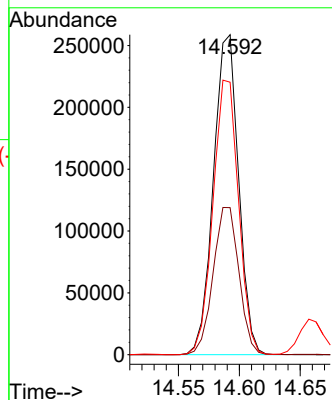
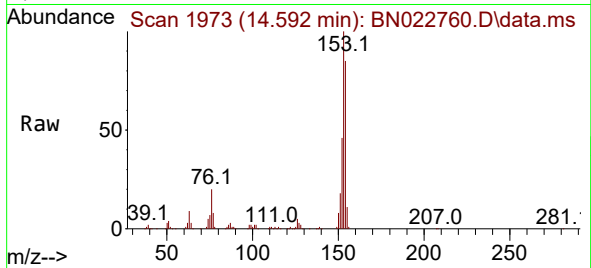




#52
Acenaphthene
Concen: 32.269 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

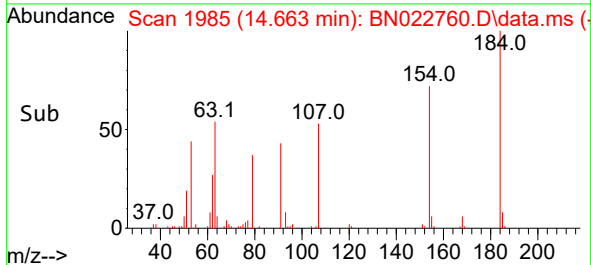
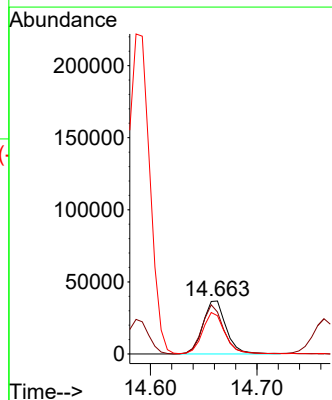
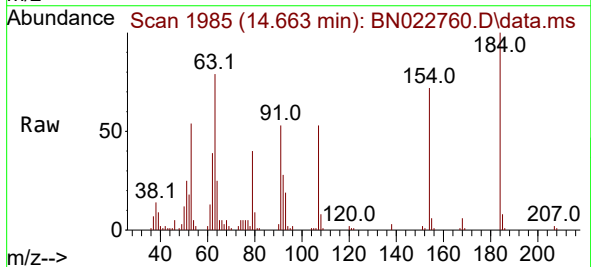
Instrument :
BNA_N
ClientSampleId :
SLCS074

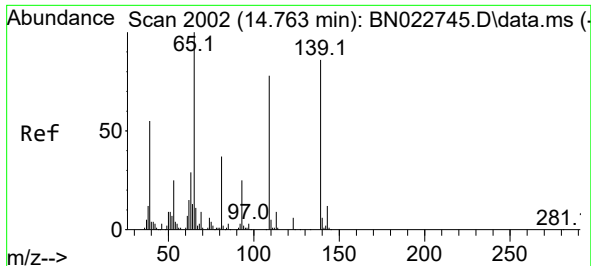
Tgt Ion:153 Resp: 371863
Ion Ratio Lower Upper
153 100
152 45.9 38.2 57.4
154 85.2 71.9 107.9



#53
2,4-Dinitrophenol
Concen: 28.389 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:184 Resp: 55700
Ion Ratio Lower Upper
184 100
63 79.2 66.4 99.6
154 72.3 59.4 89.0

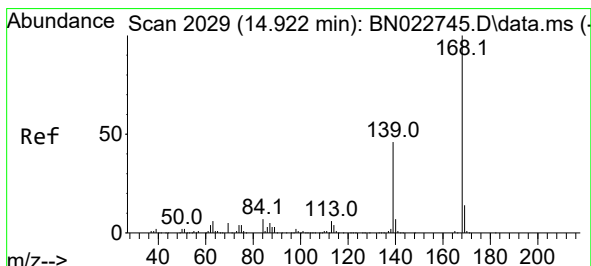
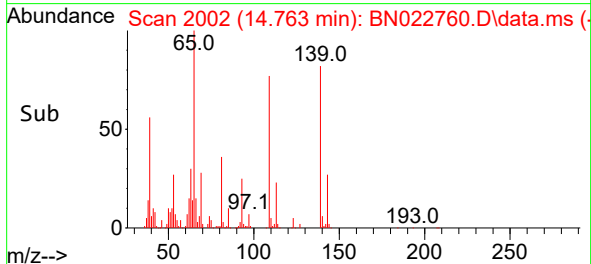
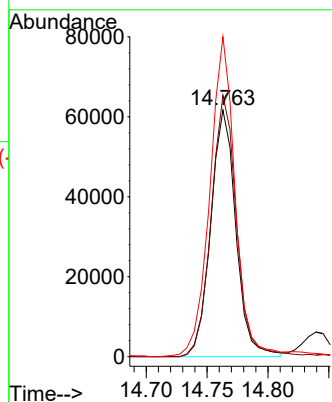
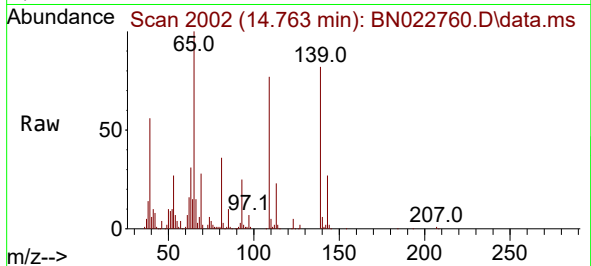




#55
4-Nitrophenol
Concen: 34.056 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

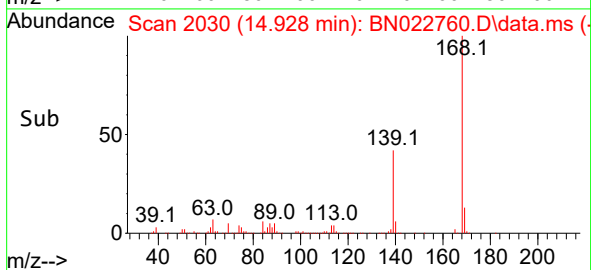
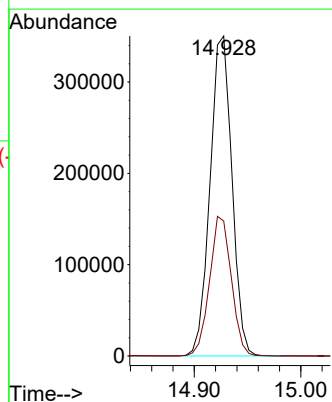
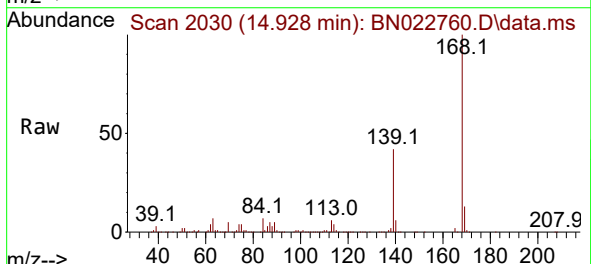
Instrument :
BNA_N
ClientSampleId :
SLCS074

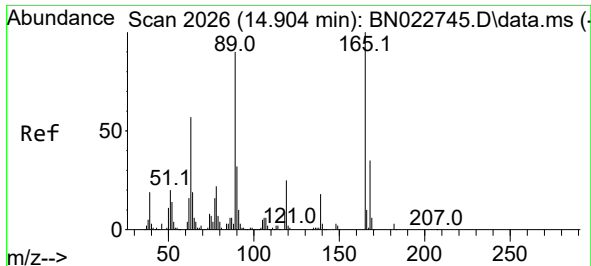
Tgt Ion:109 Resp: 88802
Ion Ratio Lower Upper
109 100
139 106.0 86.0 129.0
65 129.8 102.6 154.0



#56
Dibenzofuran
Concen: 32.952 ng/ul
RT: 14.928 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:168 Resp: 501739
Ion Ratio Lower Upper
168 100
139 42.2 34.6 52.0





#57

2,4-Dinitrotoluene

Concen: 34.555 ng/ul

RT: 14.904 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

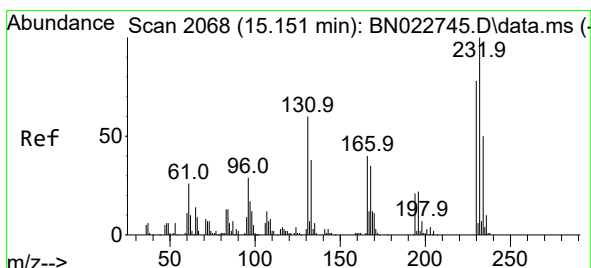
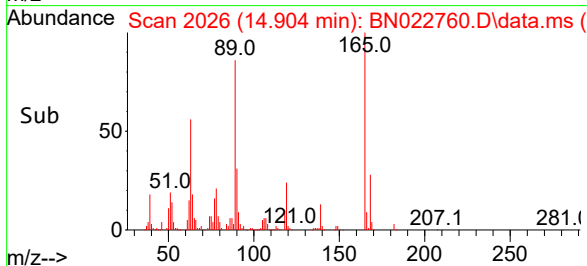
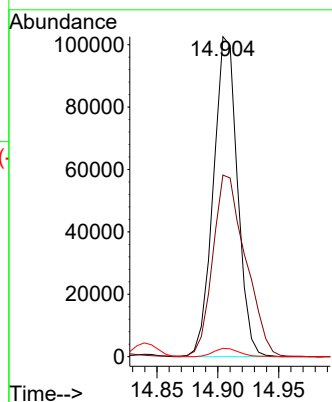
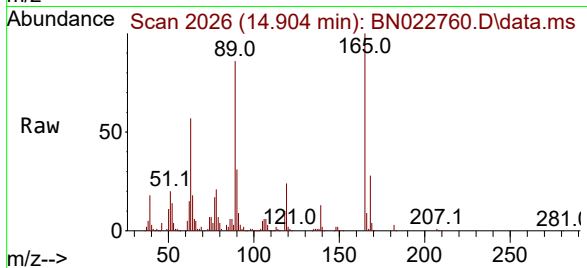
Tgt Ion:165 Resp: 141273

Ion Ratio Lower Upper

165 100

63 56.8 43.4 65.0

182 2.6 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.914 ng/ul

RT: 15.157 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Tgt Ion:232 Resp: 103208

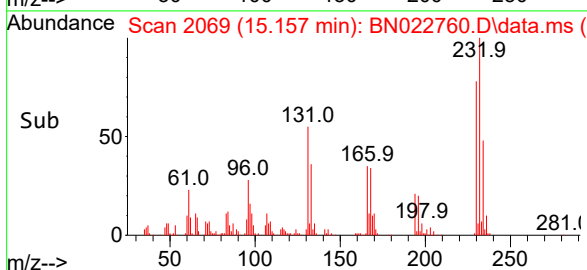
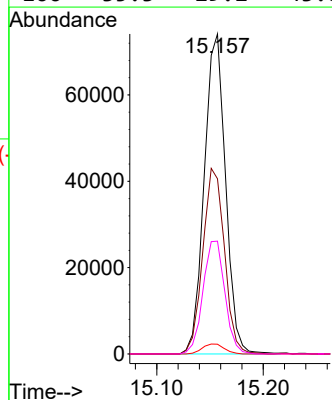
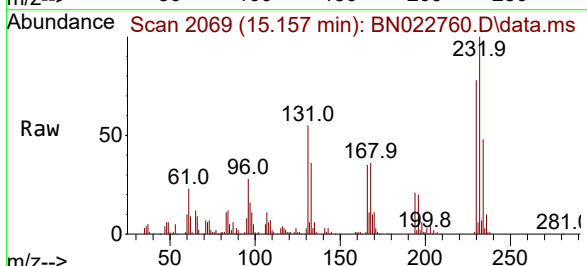
Ion Ratio Lower Upper

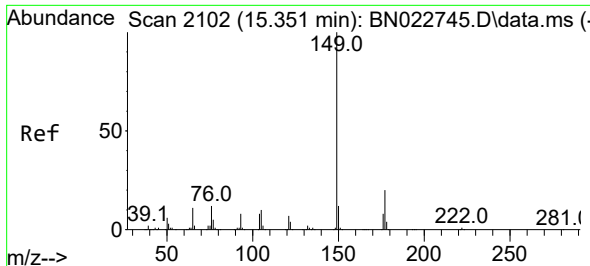
232 100

131 54.7 47.4 71.0

130 3.1 2.6 3.8

166 35.3 29.2 43.8

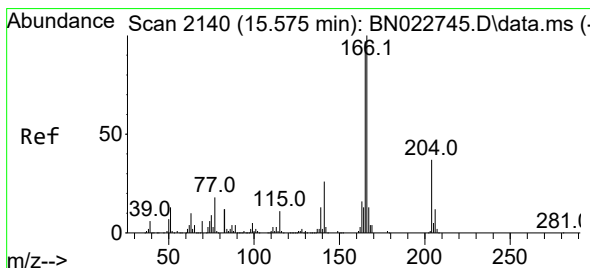
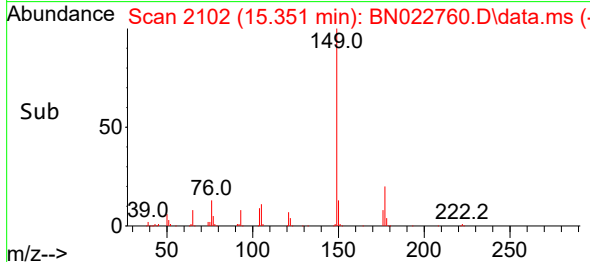
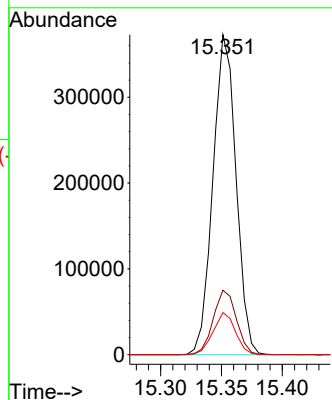
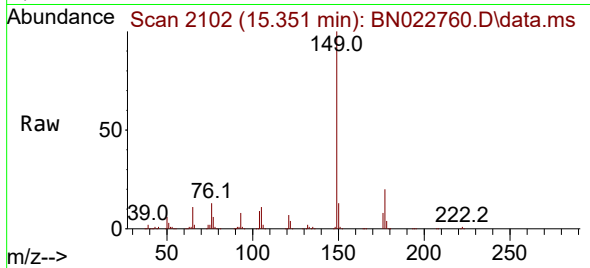




#59
Diethylphthalate
Concen: 33.452 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

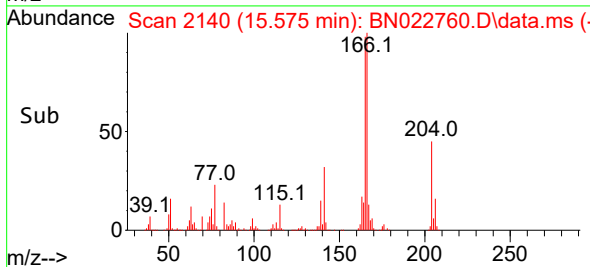
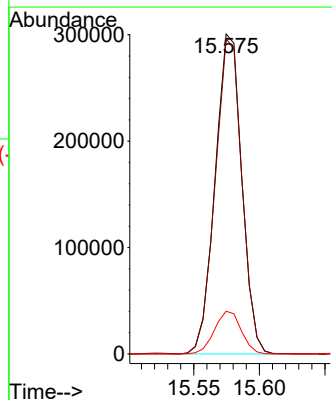
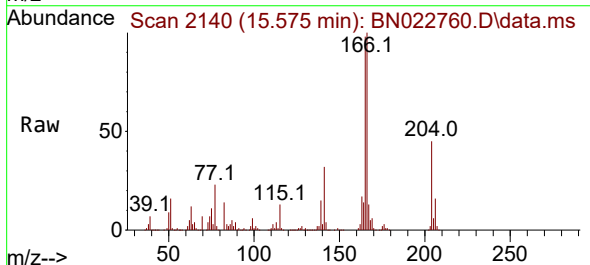
Instrument :
BNA_N
ClientSampleId :
SLCS074

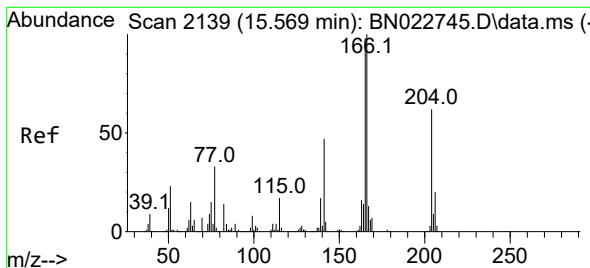
Tgt Ion:149 Resp: 491748
Ion Ratio Lower Upper
149 100
177 20.2 16.2 24.4
150 13.2 9.7 14.5



#61
Fluorene
Concen: 33.414 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:166 Resp: 424883
Ion Ratio Lower Upper
166 100
165 98.4 74.0 111.0
167 13.4 10.2 15.2

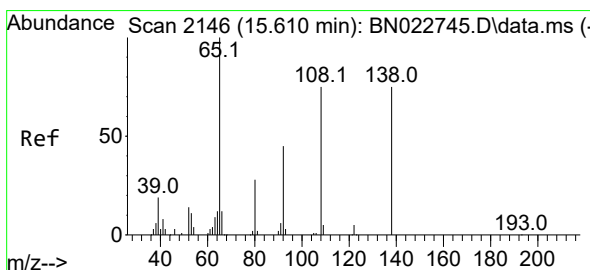
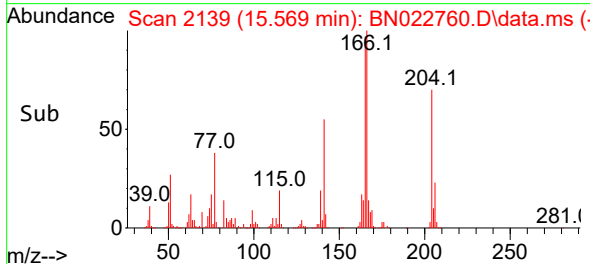
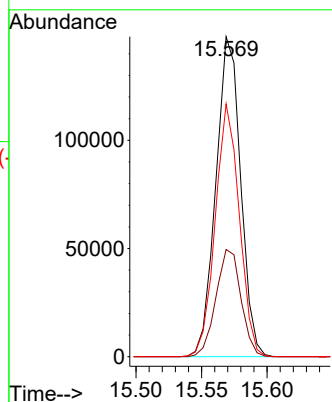
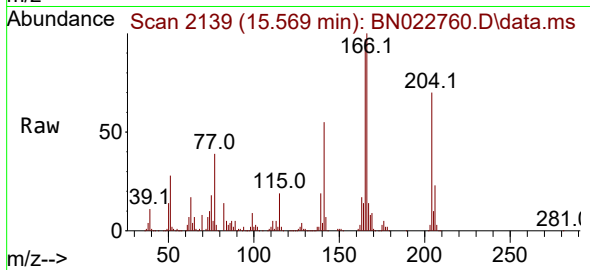




#62
4-Chlorophenyl-phenylether
Concen: 32.399 ng/ul
RT: 15.569 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

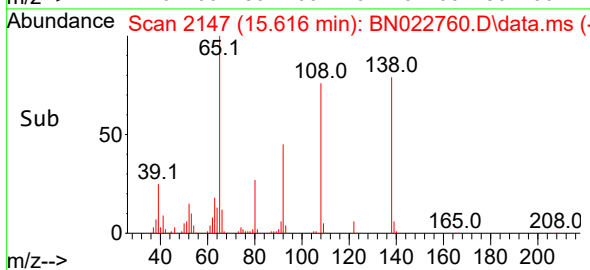
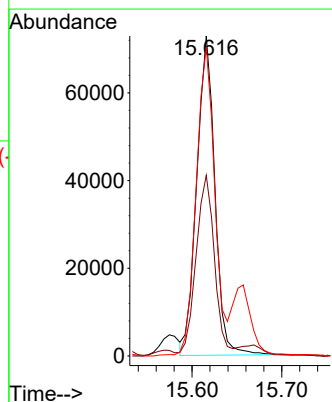
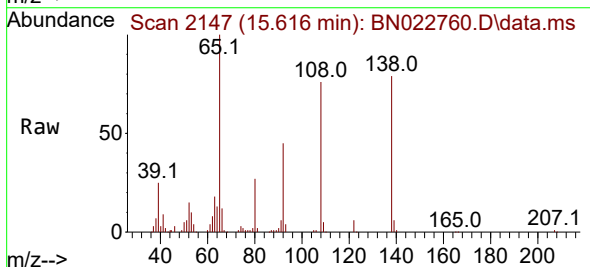
Instrument :
BNA_N
ClientSampleId :
SLCS074

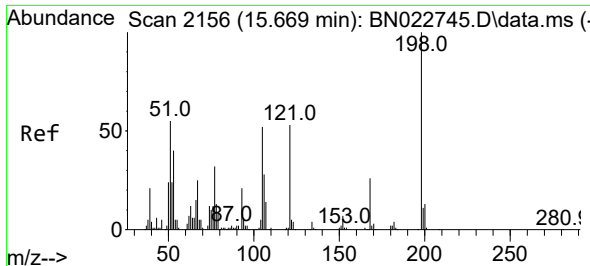
Tgt Ion:204 Resp: 194193
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 79.0 57.2 85.8



#63
4-Nitroaniline
Concen: 37.921 ng/ul
RT: 15.616 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:138 Resp: 102230
Ion Ratio Lower Upper
138 100
92 56.5 45.5 68.3
108 96.5 79.1 118.7

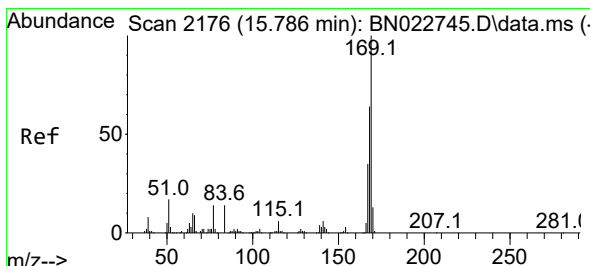
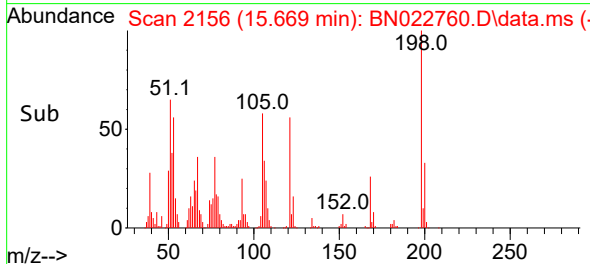
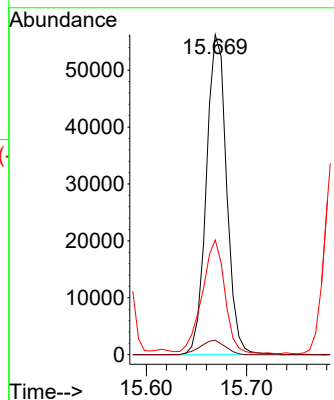
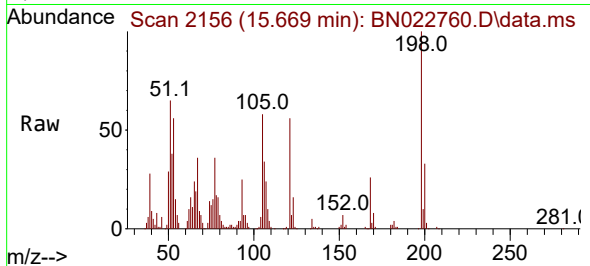




#66
4,6-Dinitro-2-methylphenol
Concen: 31.037 ng/ul
RT: 15.669 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

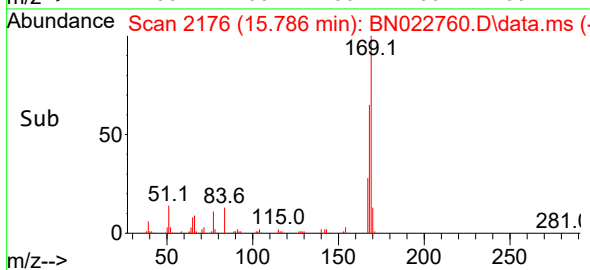
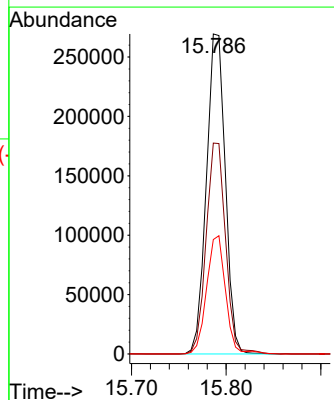
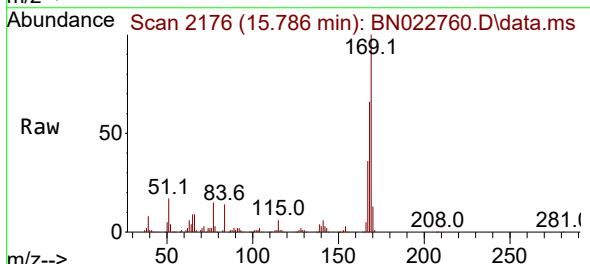
Instrument :
BNA_N
ClientSampleId :
SLCS074

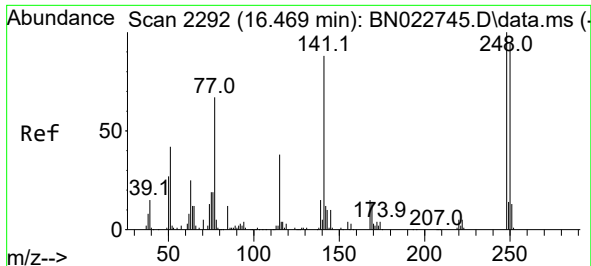
Tgt Ion:198 Resp: 79139
Ion Ratio Lower Upper
198 100
182 4.5 3.1 4.7
77 35.9 27.3 40.9



#67
N-Nitrosodiphenylamine
Concen: 32.094 ng/ul
RT: 15.786 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:169 Resp: 372939
Ion Ratio Lower Upper
169 100
168 65.9 52.6 79.0
167 35.7 30.0 45.0

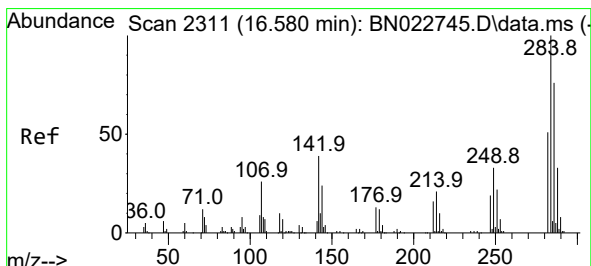
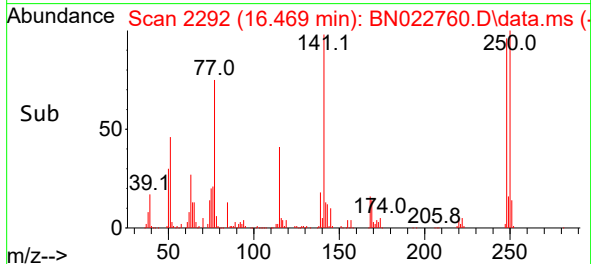
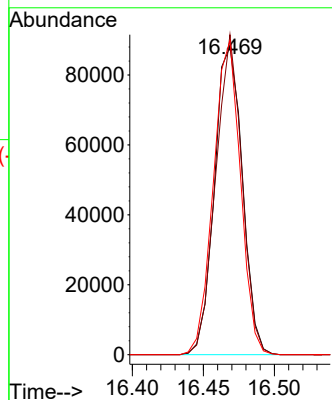
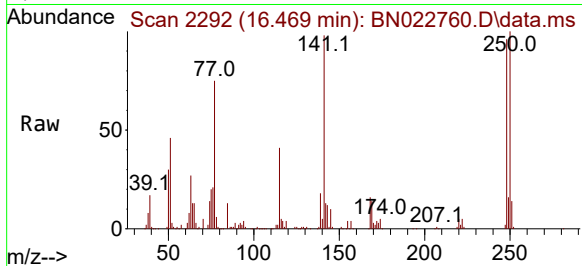




#68
4-Bromophenyl-phenylether
Concen: 31.645 ng/ul
RT: 16.469 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

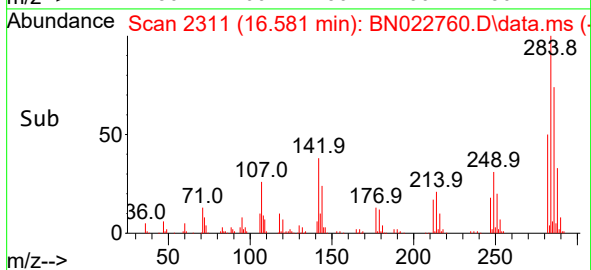
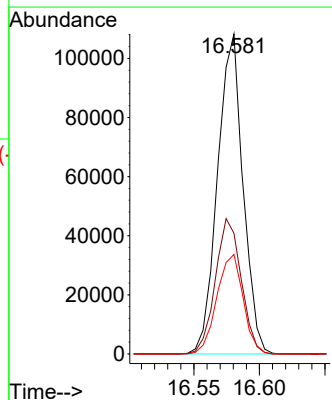
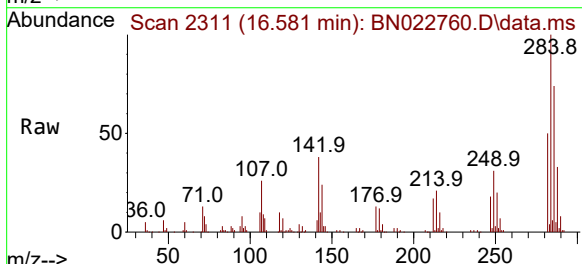
Instrument :
BNA_N
ClientSampleId :
SLCS074

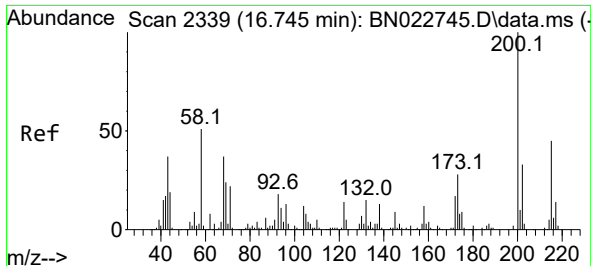
Tgt Ion:248 Resp: 120944
Ion Ratio Lower Upper
248 100
250 104.0 77.0 115.4
141 102.1 77.0 115.4



#69
Hexachlorobenzene
Concen: 32.704 ng/ul
RT: 16.581 min Scan# 2311
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:284 Resp: 146109
Ion Ratio Lower Upper
284 100
142 37.7 37.9 56.9#
249 31.1 28.6 43.0

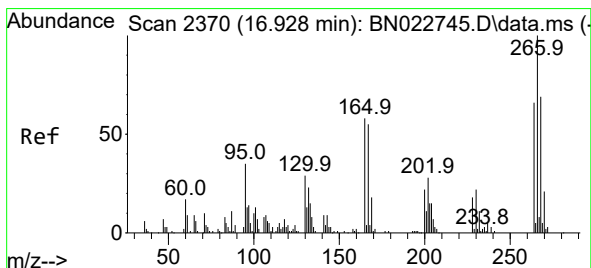
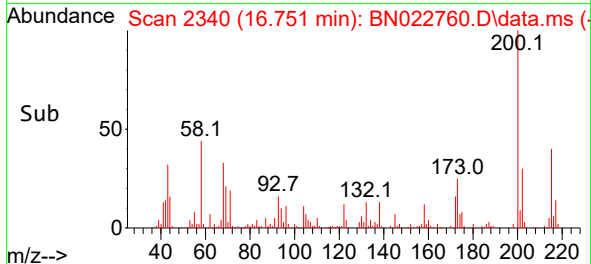
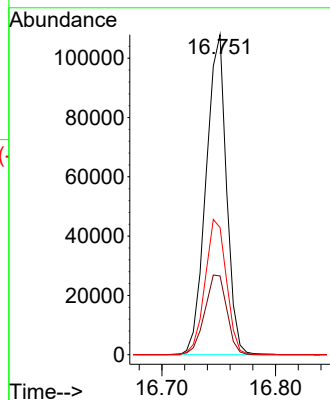
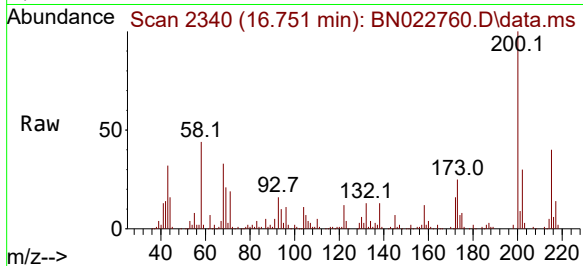




#70
Atrazine
Concen: 32.540 ng/ul
RT: 16.751 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

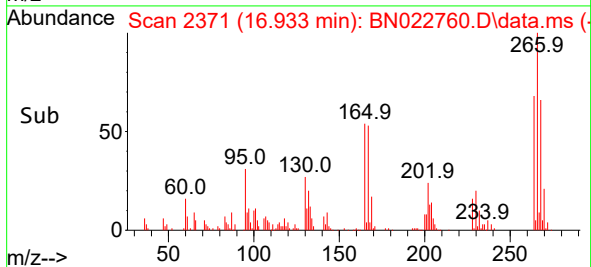
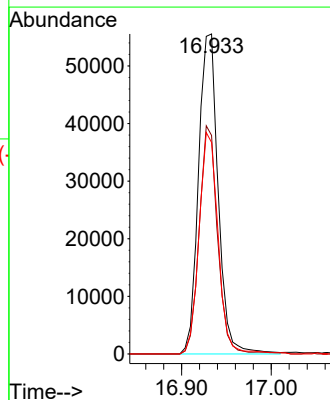
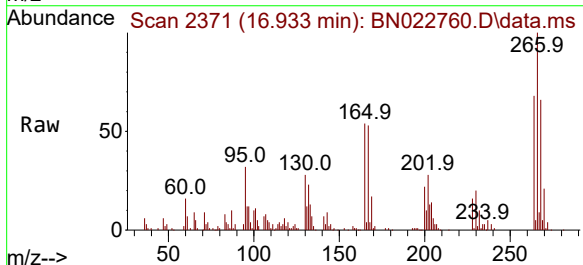
Instrument :
BNA_N
ClientSampleId :
SLCS074

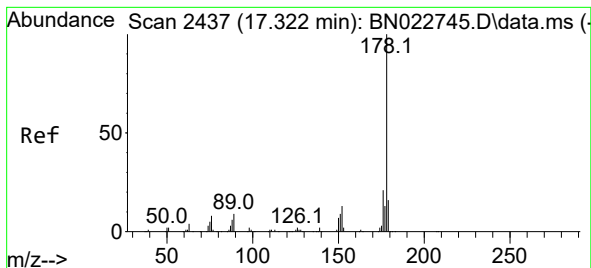
Tgt Ion:200 Resp: 134782
Ion Ratio Lower Upper
200 100
173 24.6 23.2 34.8
215 39.8 38.1 57.1



#71
Pentachlorophenol
Concen: 29.797 ng/ul
RT: 16.933 min Scan# 2371
Delta R.T. 0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:266 Resp: 84580
Ion Ratio Lower Upper
266 100
264 68.3 47.8 71.8
268 66.1 50.2 75.2





#72

Phenanthrene

Concen: 32.492 ng/ul

RT: 17.322 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

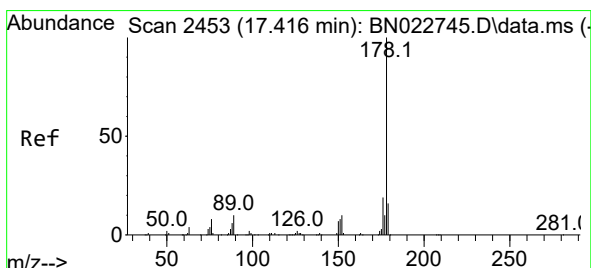
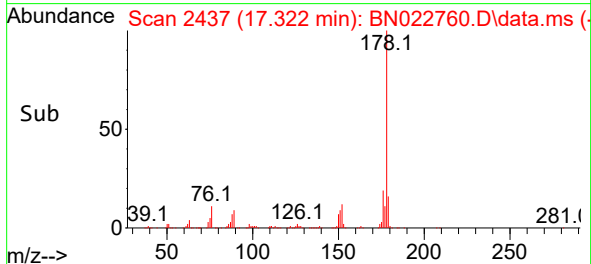
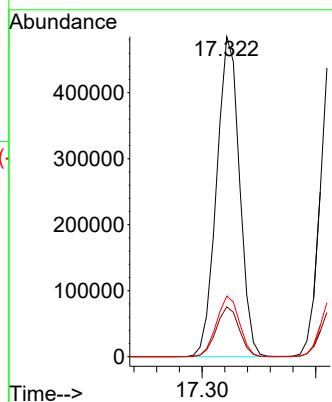
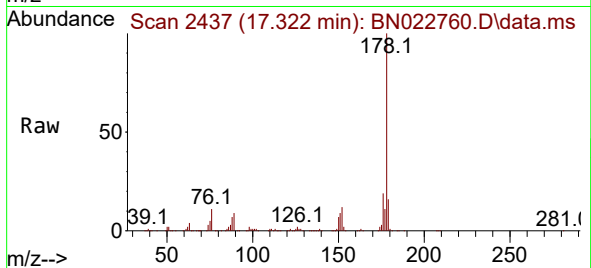
Tgt Ion:178 Resp: 679686

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.6

176 18.9 16.1 24.1



#74

Anthracene

Concen: 32.413 ng/ul

RT: 17.416 min Scan# 2453

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

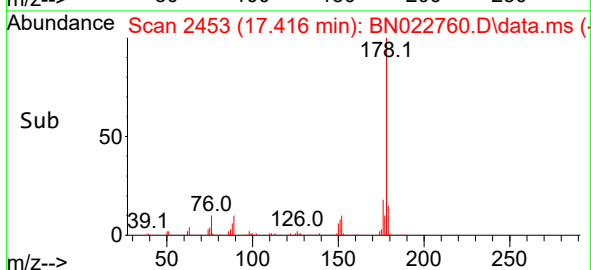
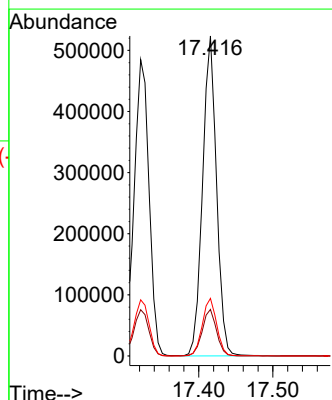
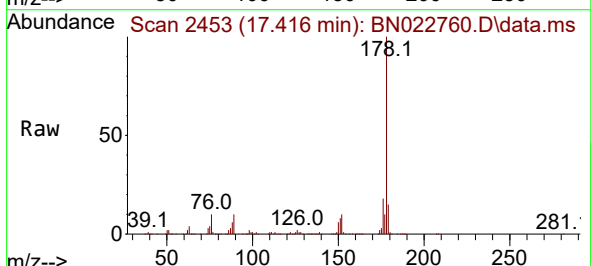
Tgt Ion:178 Resp: 686791

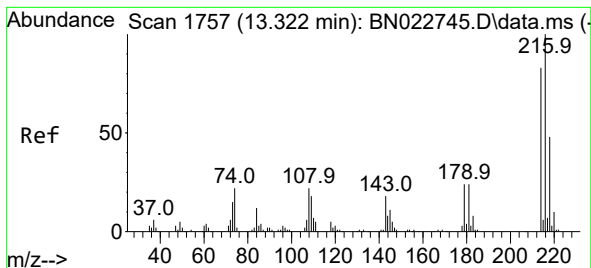
Ion Ratio Lower Upper

178 100

179 14.5 12.5 18.7

176 18.0 15.1 22.7

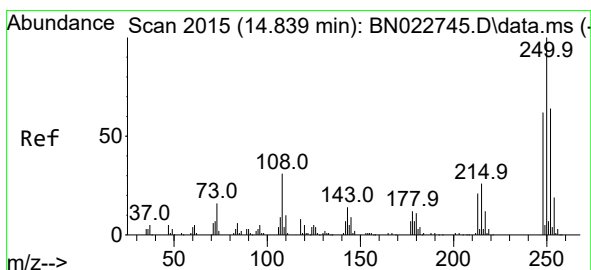
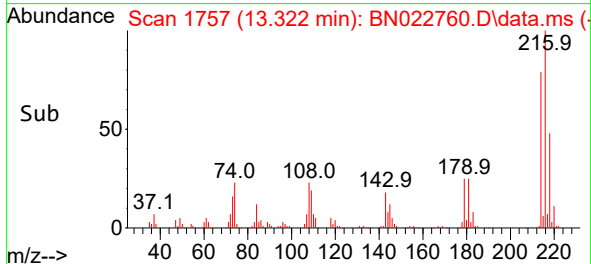
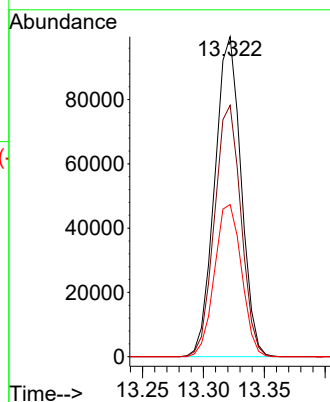
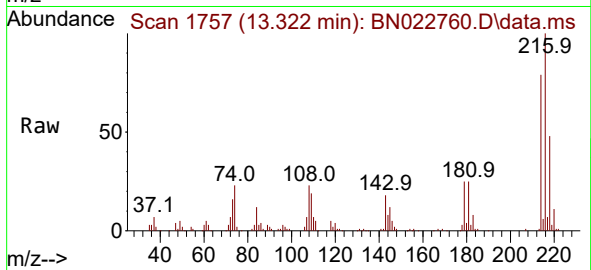




#75
1,2,3,4-Tetrachlorobenzene
Concen: 29.300 ng/uL
RT: 13.322 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

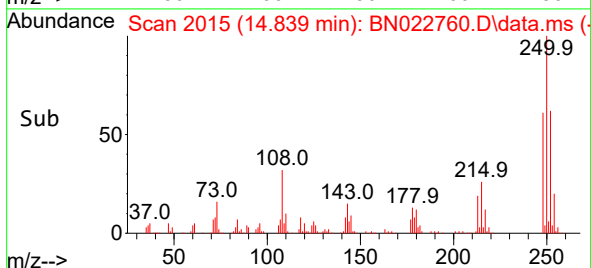
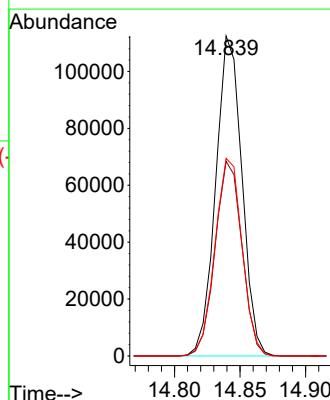
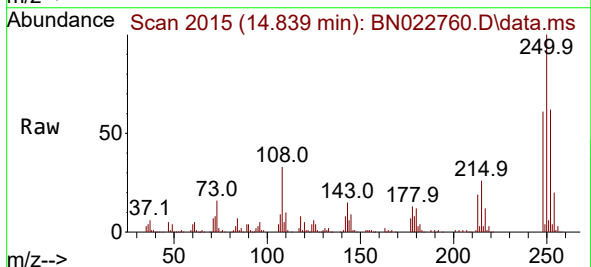
Instrument :
BNA_N
ClientSampleId :
SLCS074

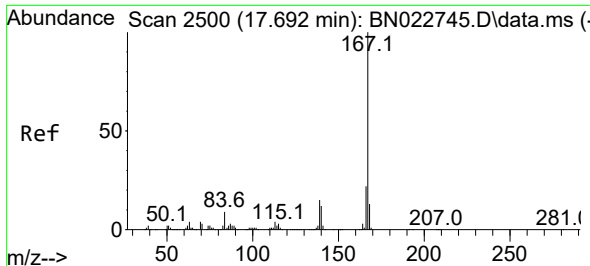
Tgt Ion:216 Resp: 149959
Ion Ratio Lower Upper
216 100
214 78.5 60.3 90.5
218 47.5 39.2 58.8



#76
Pentachlorobenzene
Concen: 28.265 ng/uL
RT: 14.839 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:250 Resp: 156129
Ion Ratio Lower Upper
250 100
248 60.8 50.7 76.1
252 61.8 51.0 76.4

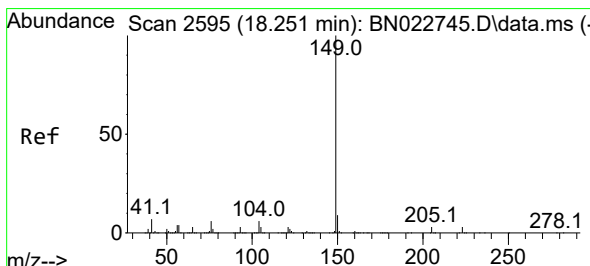
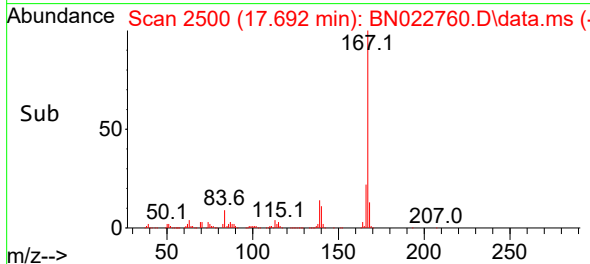
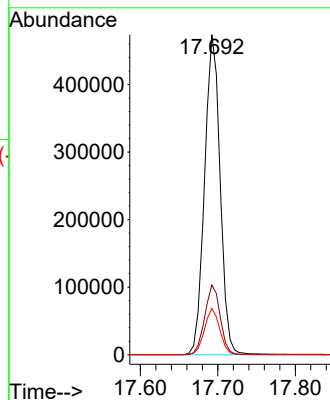
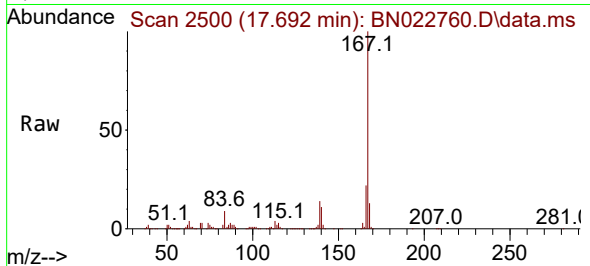




#77
 Carbazole
 Concen: 33.533 ng/ul
 RT: 17.692 min Scan# 2500
 Delta R.T. -0.000 min
 Lab File: BN022760.D
 Acq: 18 Nov 2022 17:04

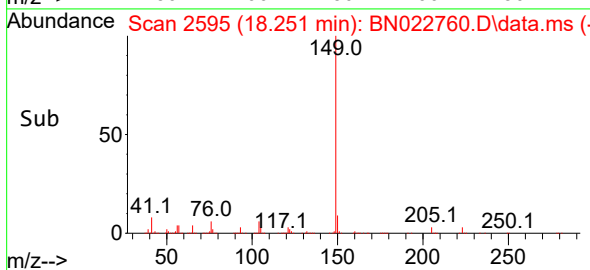
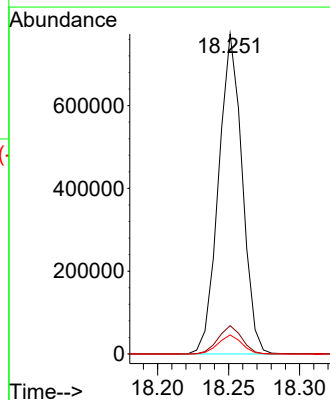
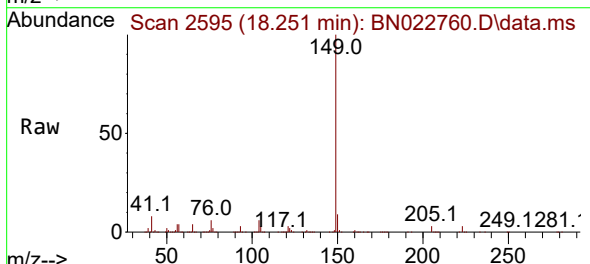
Instrument :
 BNA_N
 ClientSampleId :
 SLCS074

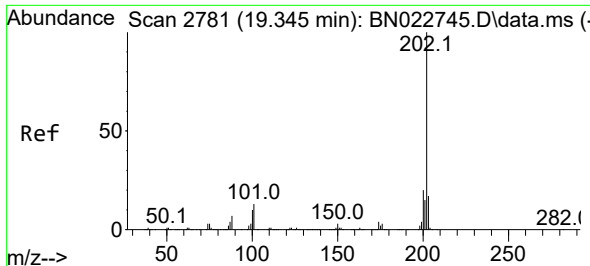
Tgt Ion:167 Resp: 660192
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 14.4 11.9 17.9



#78
 Di-n-butylphthalate
 Concen: 31.928 ng/ul
 RT: 18.251 min Scan# 2595
 Delta R.T. -0.000 min
 Lab File: BN022760.D
 Acq: 18 Nov 2022 17:04

Tgt Ion:149 Resp: 894581
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.9 4.6 7.0

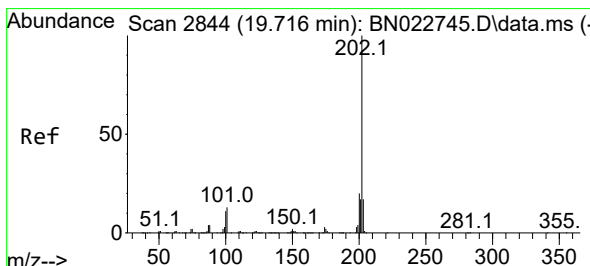
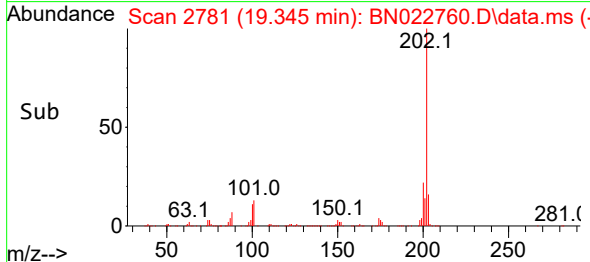
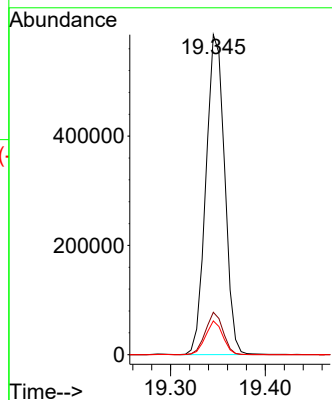
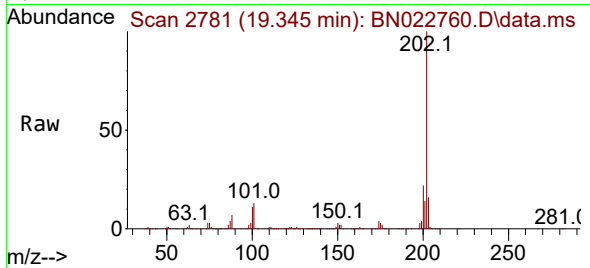




#80
Fluoranthene
Concen: 31.318 ng/ul
RT: 19.345 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

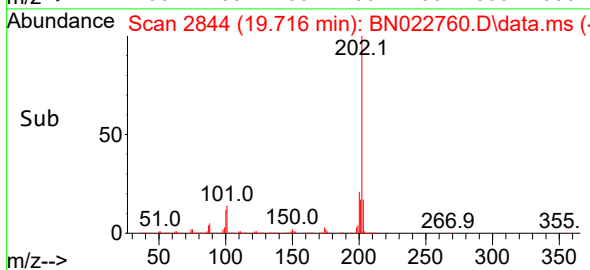
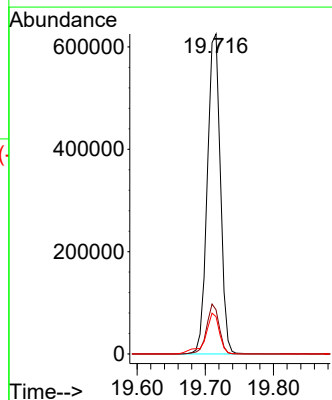
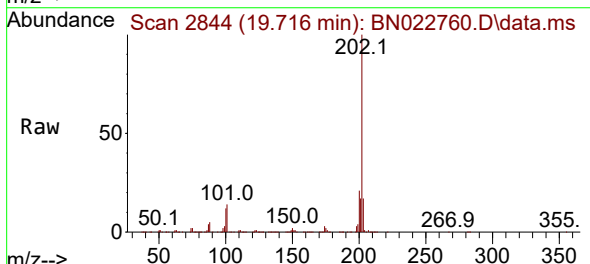
Instrument :
BNA_N
ClientSampleId :
SLCS074

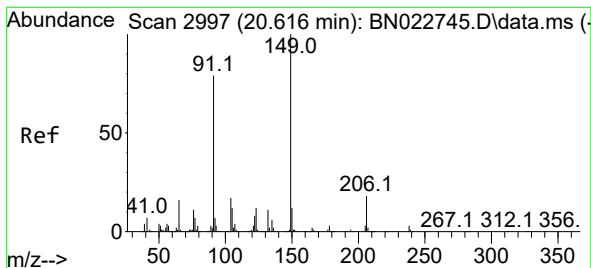
Tgt Ion:202 Resp: 800497
Ion Ratio Lower Upper
202 100
101 13.3 9.2 13.8
100 10.5 7.3 10.9



#82
Pyrene
Concen: 31.778 ng/ul
RT: 19.716 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:202 Resp: 832036
Ion Ratio Lower Upper
202 100
101 13.8 11.9 17.9
100 11.6 9.5 14.3





#83

Butylbenzylphthalate

Concen: 31.974 ng/ul

RT: 20.616 min Scan# 2997

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

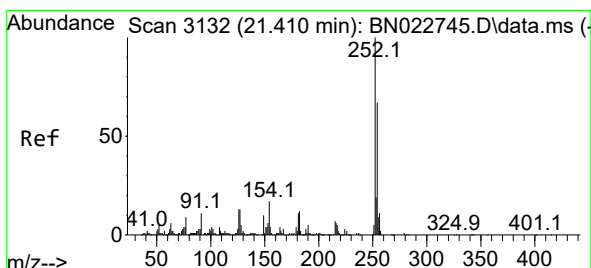
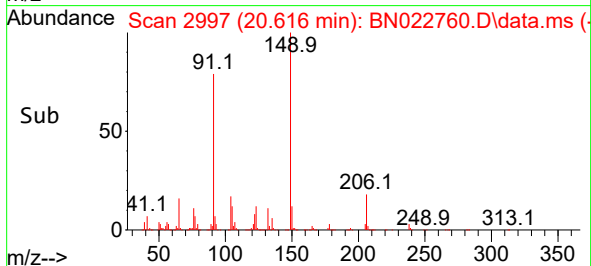
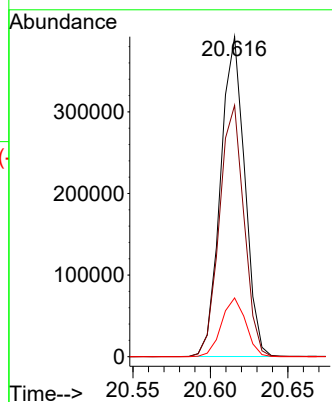
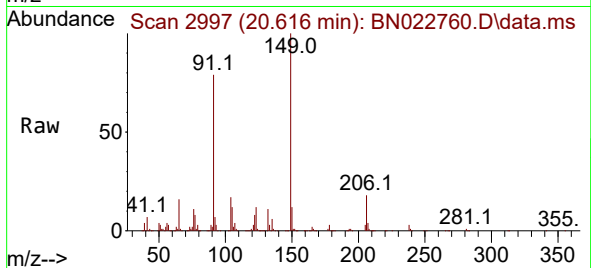
Tgt Ion:149 Resp: 426144

Ion Ratio Lower Upper

149 100

91 78.6 63.4 95.2

206 18.3 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 33.878 ng/ul

RT: 21.404 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

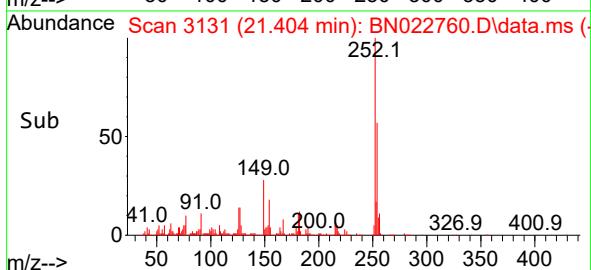
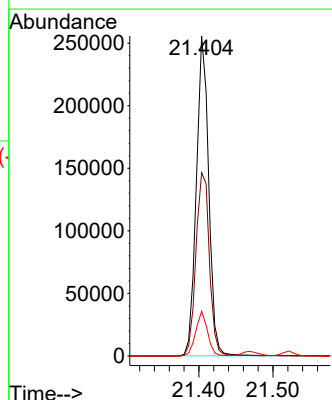
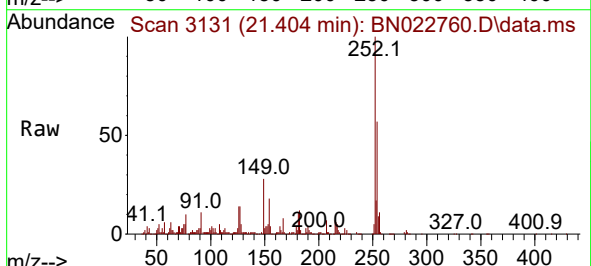
Tgt Ion:252 Resp: 295398

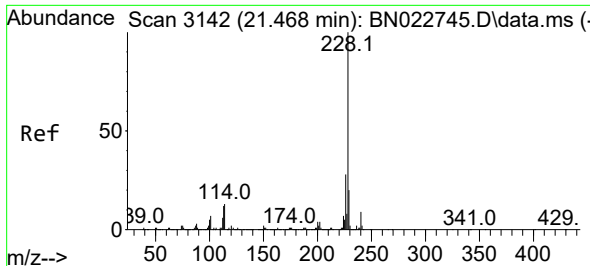
Ion Ratio Lower Upper

252 100

254 57.3 49.0 73.6

126 13.9 11.4 17.0

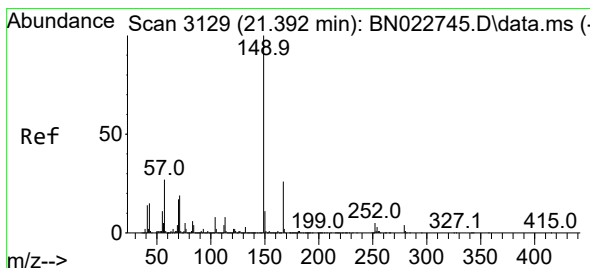
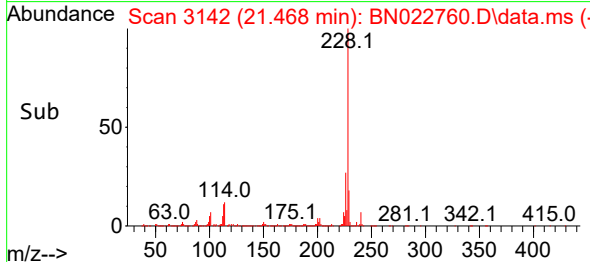
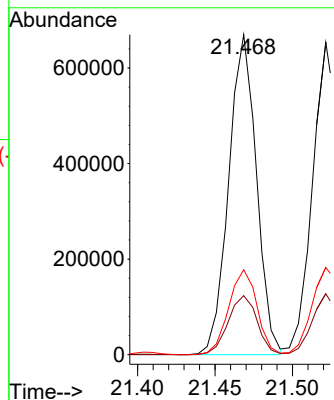
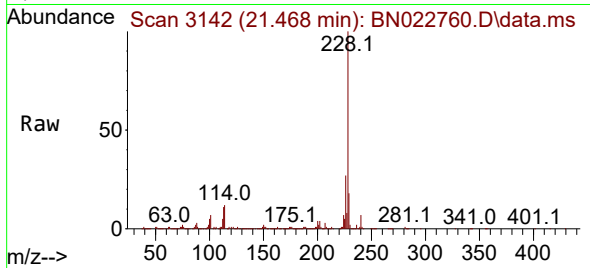




#85
Benzo(a)anthracene
Concen: 31.948 ng/ul
RT: 21.468 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

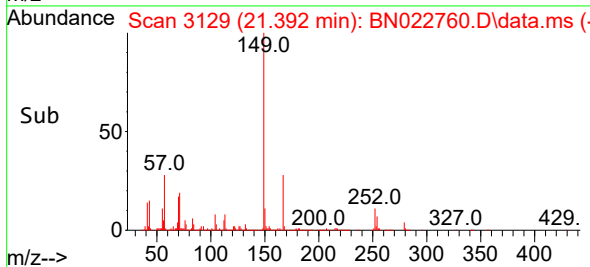
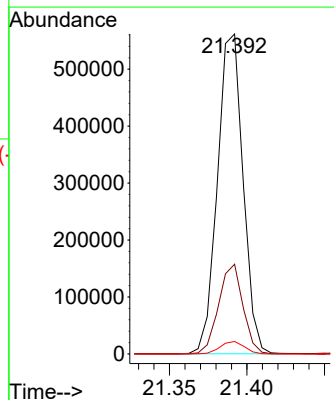
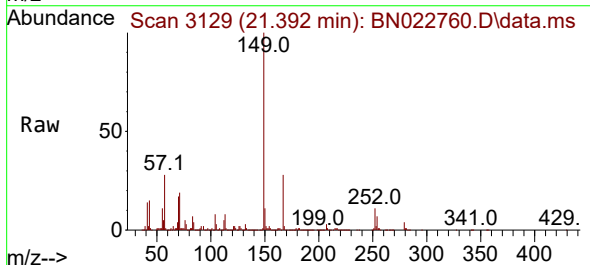
Instrument :
BNA_N
ClientSampleId :
SLCS074

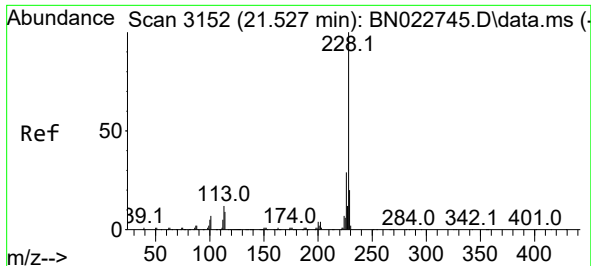
Tgt Ion:228 Resp: 833736
Ion Ratio Lower Upper
228 100
229 18.5 16.0 24.0
226 26.5 22.6 33.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 32.767 ng/ul
RT: 21.392 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:149 Resp: 644584
Ion Ratio Lower Upper
149 100
167 28.1 20.7 31.1
279 3.9 2.9 4.3

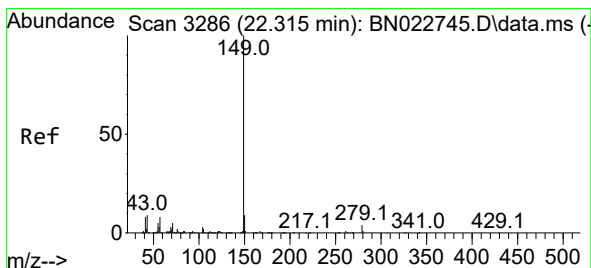
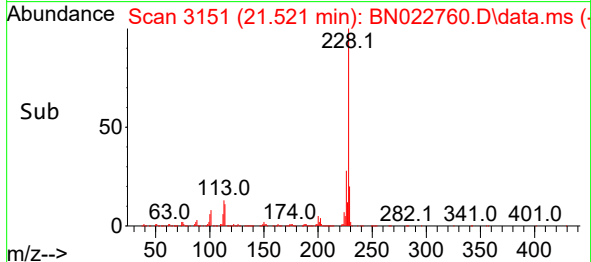
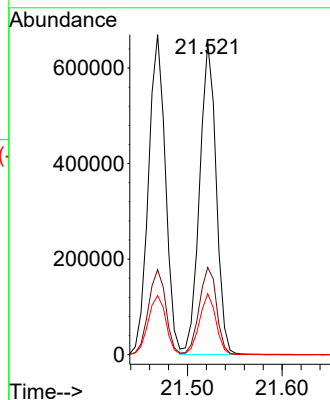
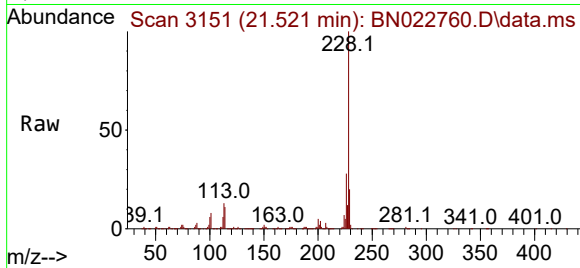




#87
Chrysene
Concen: 32.109 ng/ul
RT: 21.521 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

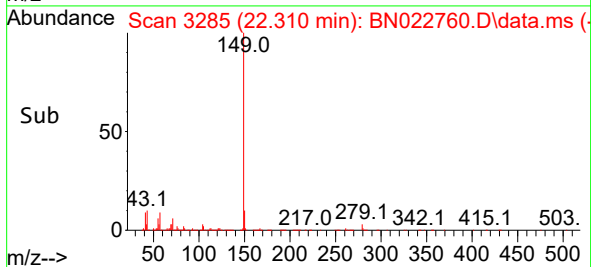
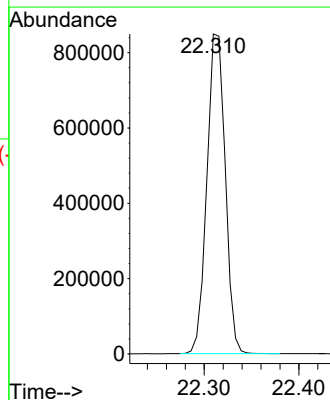
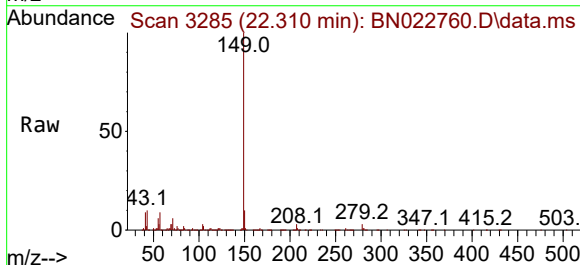
Instrument :
BNA_N
ClientSampleId :
SLCS074

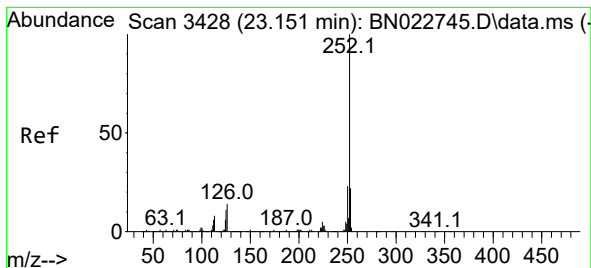
Tgt Ion:228 Resp: 793501
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 19.5 14.8 22.2



#89
Di-n-octyl phthalate
Concen: 30.798 ng/ul
RT: 22.310 min Scan# 3285
Delta R.T. -0.006 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:149 Resp: 1141310





#90

Benzo(b)fluoranthene

Concen: 31.689 ng/ul

RT: 23.151 min Scan# 3428

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

Instrument :

BNA_N

ClientSampleId :

SLCS074

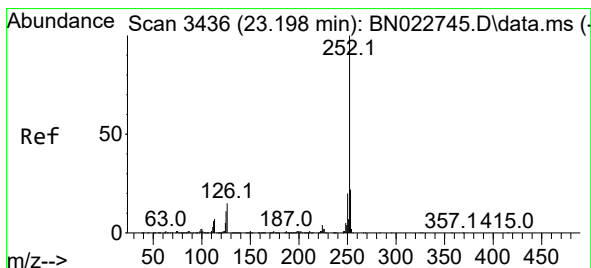
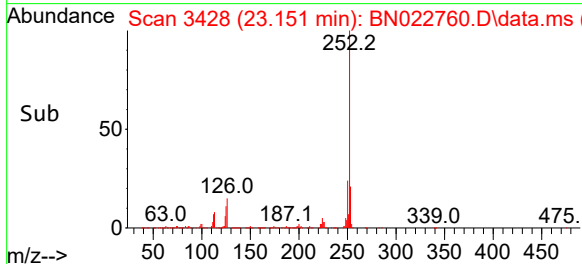
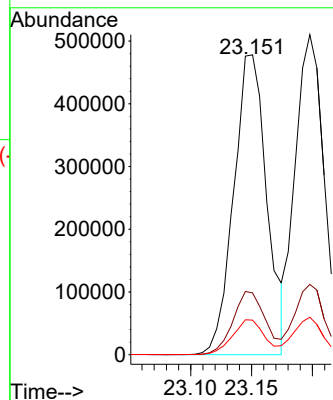
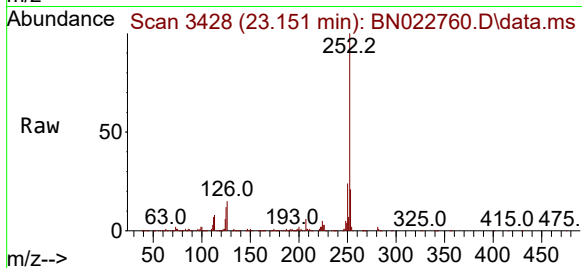
Tgt Ion:252 Resp: 904895

Ion Ratio Lower Upper

252 100

253 20.6 16.2 24.2

125 11.5 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 31.050 ng/ul

RT: 23.198 min Scan# 3436

Delta R.T. -0.000 min

Lab File: BN022760.D

Acq: 18 Nov 2022 17:04

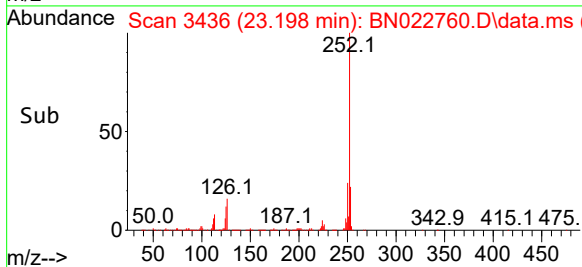
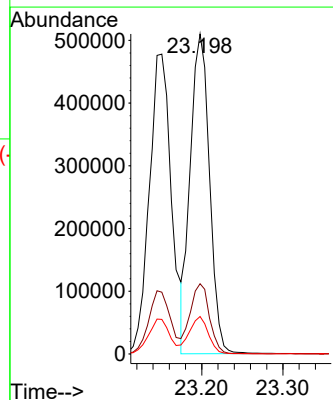
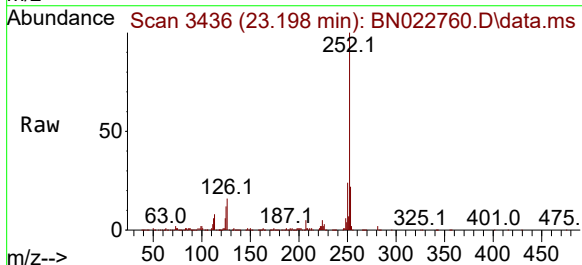
Tgt Ion:252 Resp: 841633

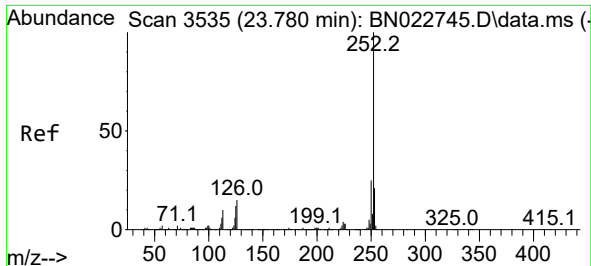
Ion Ratio Lower Upper

252 100

253 22.0 16.2 24.4

125 11.7 9.0 13.6

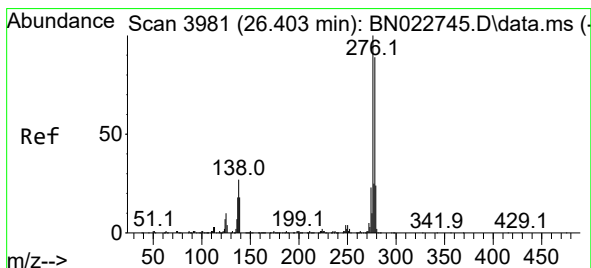
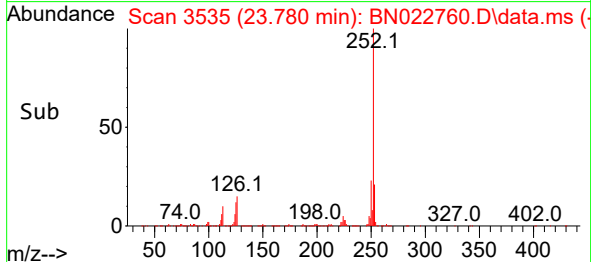
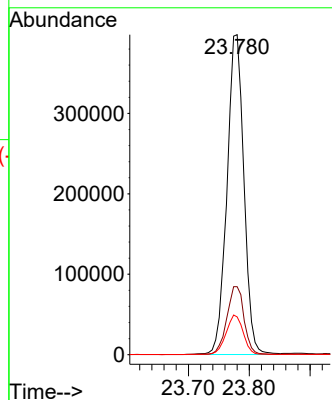
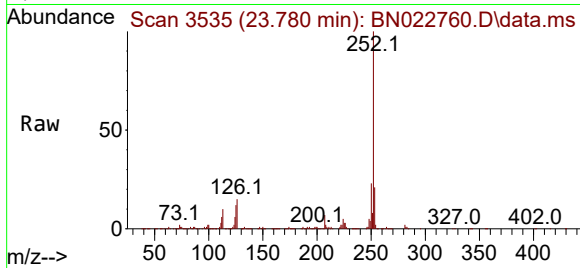




#93
Benzo(a)pyrene
Concen: 31.808 ng/ul
RT: 23.780 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

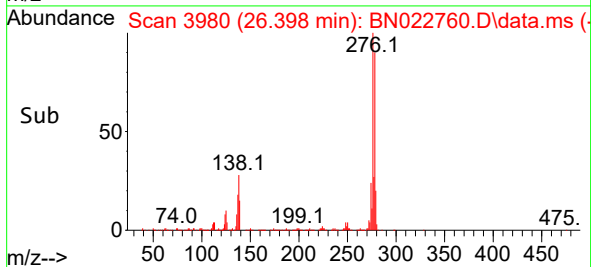
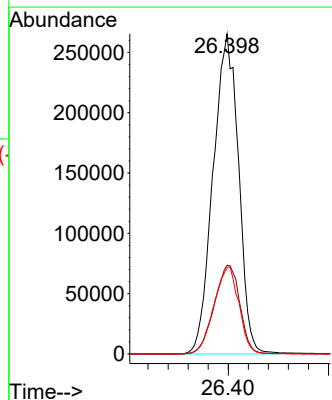
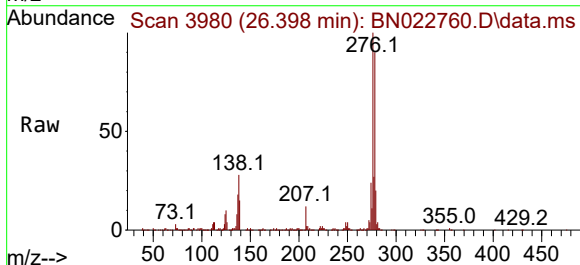
Instrument :
BNA_N
ClientSampleId :
SLCS074

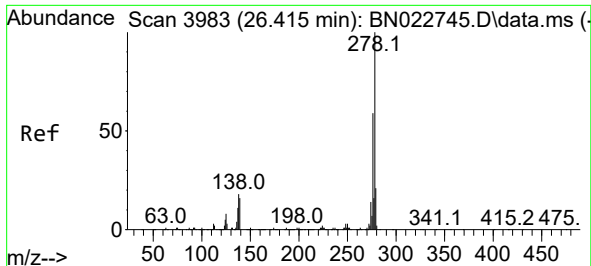
Tgt Ion:252 Resp: 769900
Ion Ratio Lower Upper
252 100
253 21.3 15.4 23.2
125 11.8 9.5 14.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 33.925 ng/ul
RT: 26.398 min Scan# 3980
Delta R.T. -0.000 min
Lab File: BN022760.D
Acq: 18 Nov 2022 17:04

Tgt Ion:276 Resp: 933854
Ion Ratio Lower Upper
276 100
138 27.7 21.3 31.9
277 26.9 19.2 28.8

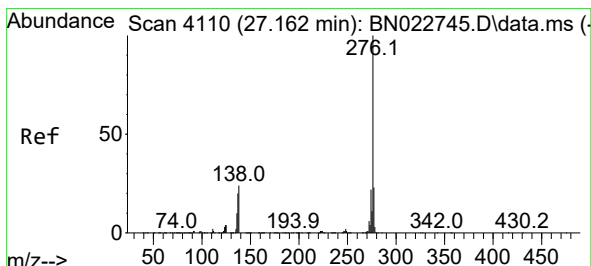
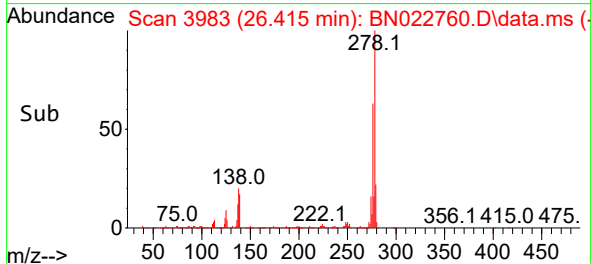
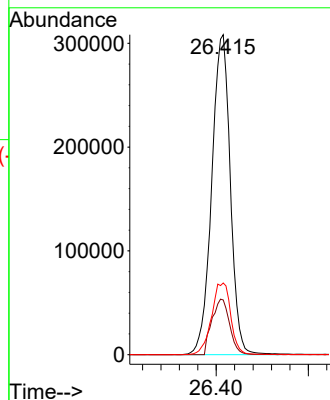
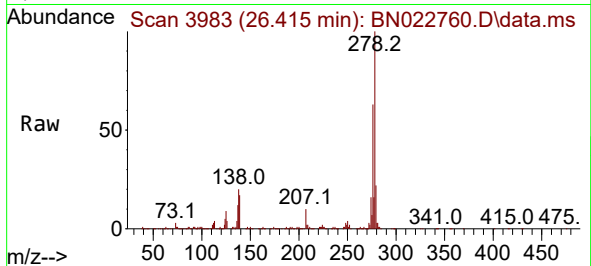




#95
 Dibenzo(a,h)anthracene
 Concen: 34.963 ng/ul
 RT: 26.415 min Scan# 3983
 Delta R.T. 0.006 min
 Lab File: BN022760.D
 Acq: 18 Nov 2022 17:04

Instrument :
 BNA_N
 ClientSampleId :
 SLCS074

Tgt Ion:278 Resp: 862616
 Ion Ratio Lower Upper
 278 100
 139 17.1 14.4 21.6
 279 22.4 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 34.140 ng/ul
 RT: 27.168 min Scan# 4111
 Delta R.T. -0.000 min
 Lab File: BN022760.D
 Acq: 18 Nov 2022 17:04

Tgt Ion:276 Resp: 819410
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.6 27.8
 277 22.8 18.0 27.0

