

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
 Data File : BN022789.D
 Acq On : 21 Nov 2022 16:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 21 21:42:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 19 05:51:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	68105	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	323798	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	213573	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	440957	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	435220	20.000	ng/u1	0.00
88) Perylene-d12	23.874	264	440308	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	15306	7.673	ng/uL	0.00
4) Pyridine-d5	3.617	84	115595	20.491	ng/u1	0.00
7) Phenol-d5	7.017	99	137866	21.433	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	88664	22.990	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	101852	21.621	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	113049	22.262	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	55654	22.205	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	59608	21.315	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	105753	22.182	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	162029	22.312	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	337521	21.727	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	383426	22.401	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	65156	21.040	ng/u1	0.00
60) Fluorene-d10	15.516	176	285218	22.386	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	59017	21.056	ng/u1	0.00
73) Anthracene-d10	17.375	188	442639	22.925	ng/u1	0.00
81) Pyrene-d10	19.681	212	480106	21.286	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.722	264	483641	21.851	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	15810	7.448	ng/uL#	92
5) Pyridine	3.634	79	116931	20.905	ng/u1	96
6) Benzaldehyde	6.987	77	92112	28.304	ng/u1	94
8) Phenol	7.046	94	144973	21.640	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.281	93	115531	22.131	ng/u1	99
12) 2-Chlorophenol	7.411	128	111347	22.137	ng/u1	98
13) 2-Methylphenol	8.311	108	111329	22.326	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	167359	24.287	ng/u1	98
16) Acetophenone	8.693	105	189622	23.396	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	103305	23.915	ng/u1	96
18) 4-Methylphenol	8.640	108	123554	22.818	ng/u1	98
19) Hexachloroethane	8.928	117	47820	22.455	ng/u1	99
22) Nitrobenzene	9.069	77	153285	22.574	ng/u1	97
23) Isophorone	9.599	82	292691	22.534	ng/u1	99
25) 2-Nitrophenol	9.787	139	69136	22.486	ng/u1	96
26) 2,4-Dimethylphenol	9.846	107	149153	22.615	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.087	93	166312	22.204	ng/u1	100
29) 2,4-Dichlorophenol	10.322	162	107682	22.222	ng/u1	99
30) Naphthalene	10.716	128	388129	22.584	ng/u1	100
32) 4-Chloroaniline	10.840	127	166719	21.983	ng/u1	99
33) Hexachlorobutadiene	10.993	225	69289	23.231	ng/u1	95
34) Caprolactam	11.634	113	23562	12.817	ng/u1	98
35) 4-Chloro-3-methylphenol	11.975	107	143039	22.633	ng/u1	100
36) 2-Methylnaphthalene	12.340	142	269889	23.052	ng/u1	100

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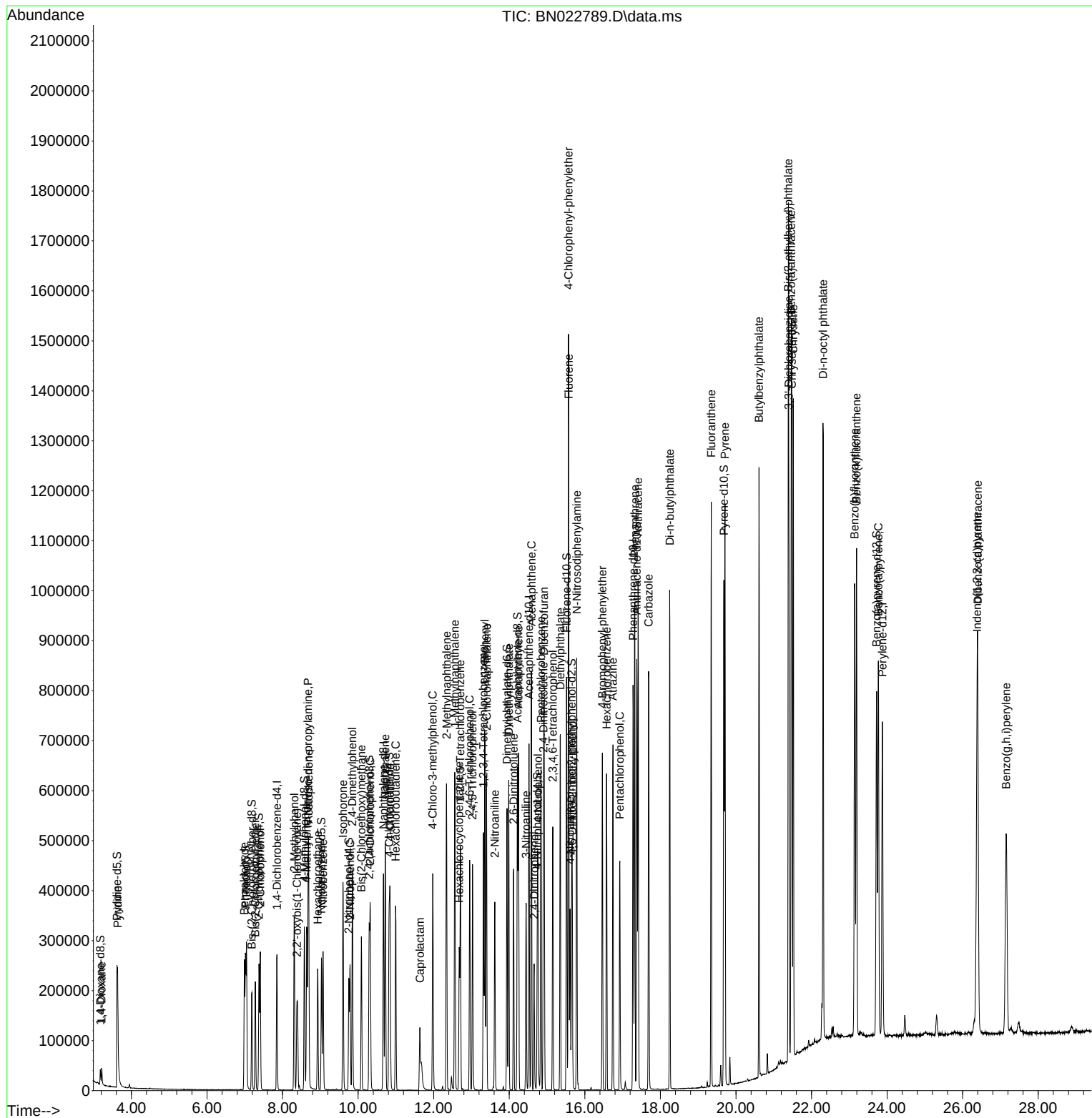
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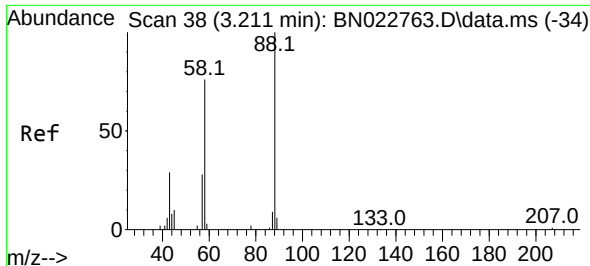
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 19 05:51:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	271283	23.114	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.704	216	125553	21.902	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	67499	20.167	ng/ul	100
41) 2,4,6-Trichlorophenol	12.951	196	88592	21.766	ng/ul	95
42) 2,4,5-Trichlorophenol	13.028	196	96622	22.417	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	347599	22.173	ng/ul	99
44) 2-Chloronaphthalene	13.399	162	269934	22.098	ng/ul	98
45) 2-Nitroaniline	13.616	65	101033	22.774	ng/ul	97
47) Dimethylphthalate	13.987	163	357472	21.894	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	71459	21.621	ng/ul	97
50) Acenaphthylene	14.246	152	427467	22.356	ng/ul	99
51) 3-Nitroaniline	14.446	138	78252	21.989	ng/ul	98
52) Acenaphthene	14.587	153	305773	22.539	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	42647	18.464	ng/ul	100
55) 4-Nitrophenol	14.757	109	68222	22.224	ng/ul	96
56) Dibenzofuran	14.922	168	404197	22.549	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	108226	22.486	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	85076	23.047	ng/ul	95
59) Diethylphthalate	15.351	149	385799	22.293	ng/ul	98
61) Fluorene	15.575	166	342091	22.853	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.569	204	157432	22.311	ng/ul	93
63) 4-Nitroaniline	15.610	138	76884	24.226	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	61211	21.128	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	295238	22.362	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	97847	22.533	ng/ul	96
69) Hexachlorobenzene	16.575	284	115201	22.695	ng/ul	97
70) Atrazine	16.745	200	104005	22.100	ng/ul	97
71) Pentachlorophenol	16.922	266	66521	20.626	ng/ul	96
72) Phenanthrene	17.322	178	536338	22.566	ng/ul	97
74) Anthracene	17.410	178	546966	22.720	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.316	216	130264	22.401	ng/ul	99
76) Pentachlorobenzene	14.840	250	139268	22.191	ng/ul	99
77) Carbazole	17.687	167	499787	22.343	ng/ul	98
78) Di-n-butylphthalate	18.245	149	674403	21.185	ng/ul	99
80) Fluoranthene	19.345	202	597881	21.239	ng/ul	97
82) Pyrene	19.710	202	630946	21.881	ng/ul	99
83) Butylbenzylphthalate	20.610	149	321889	21.930	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	227848	23.727	ng/ul	96
85) Benzo(a)anthracene	21.463	228	629595	21.906	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	488230	22.536	ng/ul	98
87) Chrysene	21.516	228	575575	21.148	ng/ul	96
89) Di-n-octyl phthalate	22.304	149	823996	21.278	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	643344	21.560	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	594232	20.980	ng/ul	99
93) Benzo(a)pyrene	23.769	252	534836	21.146	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.380	276	604433	21.013	ng/ul	97
95) Dibenzo(a,h)anthracene	26.398	278	548334	21.269	ng/ul	98
96) Benzo(g,h,i)perylene	27.151	276	506734	20.204	ng/ul	98

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

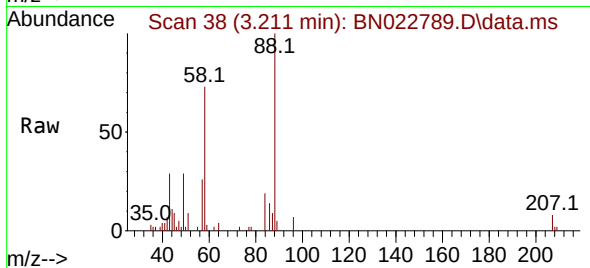
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 05:51:00 2022
Response via : Initial Calibration



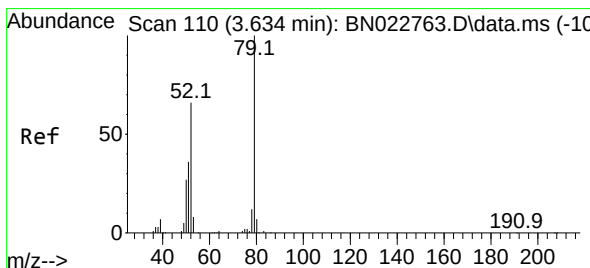
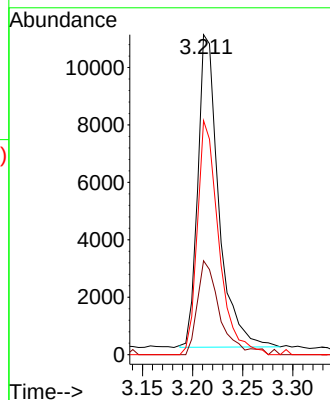
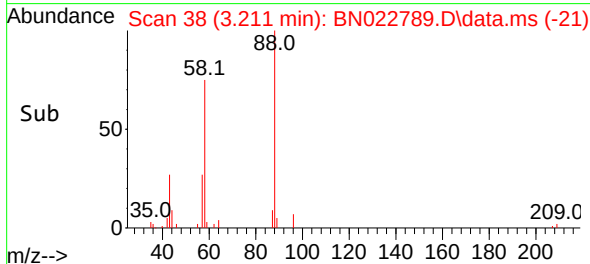


#2
1,4-Dioxane
Concen: 7.448 ng/uL
RT: 3.211 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Instrument :
BNA_N
ClientSampleId :

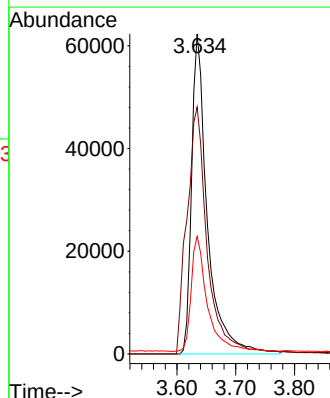
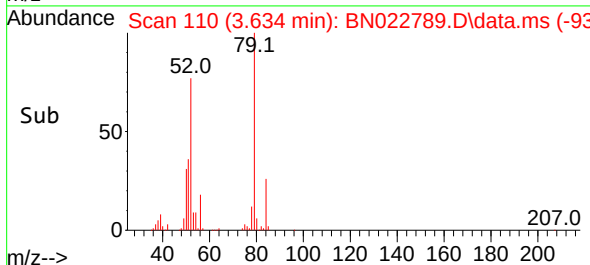
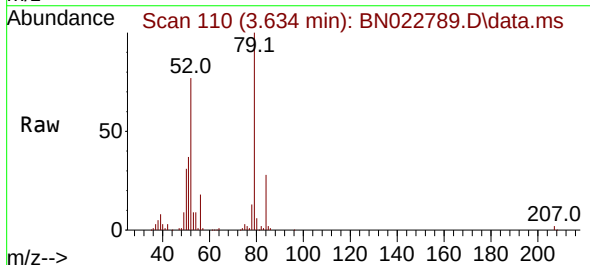


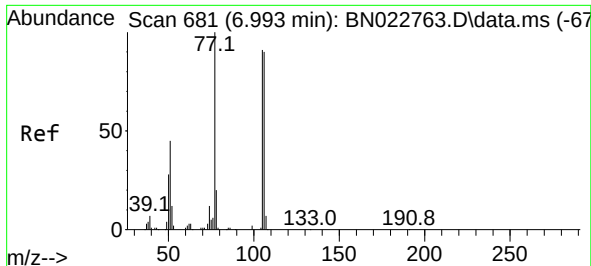
Tgt Ion: 88 Resp: 15810
Ion Ratio Lower Upper
88 100
43 29.4 30.8 46.2#
58 73.2 61.7 92.5



#5
Pyridine
Concen: 20.905 ng/uL
RT: 3.634 min Scan# 110
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion: 79 Resp: 116931
Ion Ratio Lower Upper
79 100
52 77.2 58.6 88.0
51 36.7 28.8 43.2

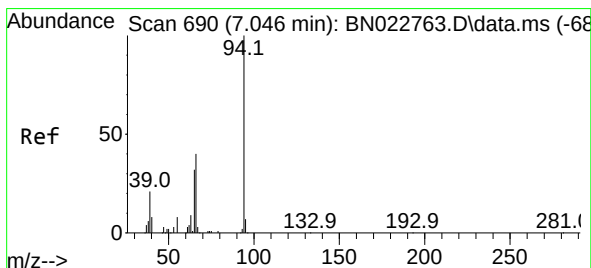
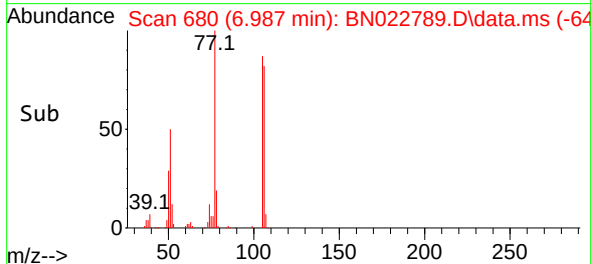
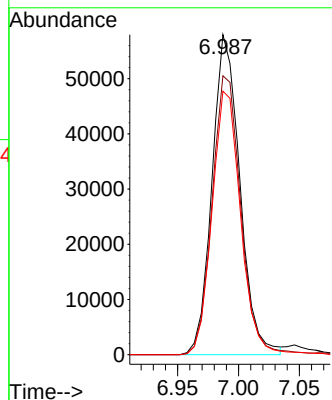
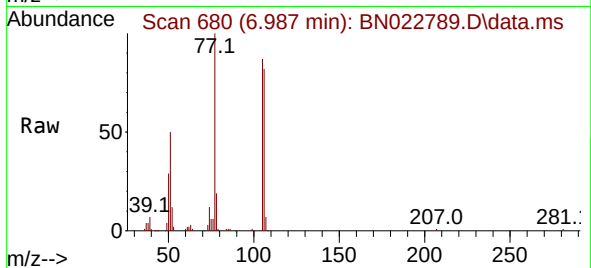




#6
Benzaldehyde
Concen: 28.304 ng/ul
RT: 6.987 min Scan# 681
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

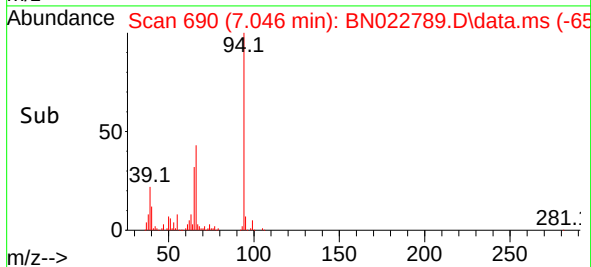
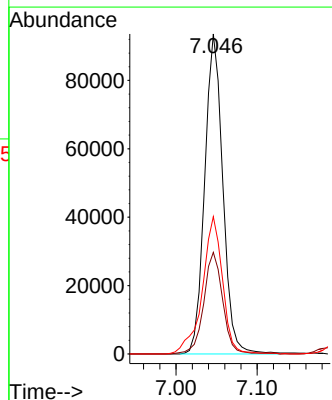
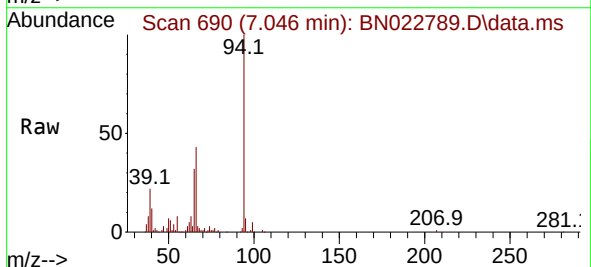
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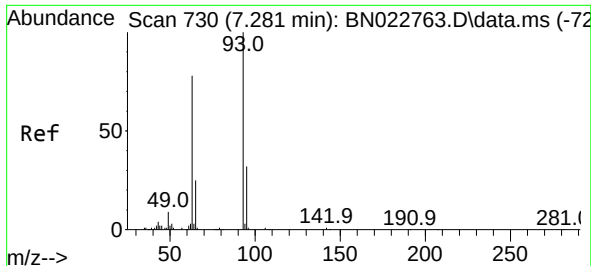
Tgt Ion: 77 Resp: 92112
Ion Ratio Lower Upper
77 100
105 87.2 75.2 112.8
106 82.4 69.0 103.6



#8
Phenol
Concen: 21.640 ng/ul
RT: 7.046 min Scan# 690
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

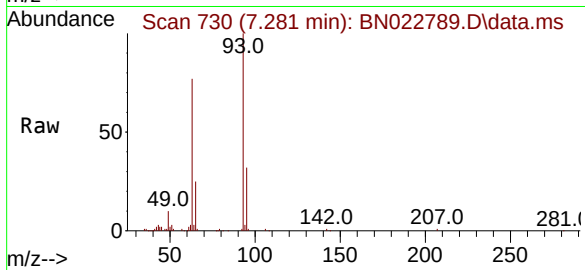
Tgt Ion: 94 Resp: 144973
Ion Ratio Lower Upper
94 100
65 31.8 24.3 36.5
66 42.9 33.5 50.3



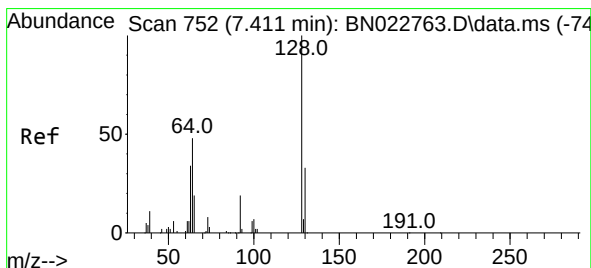
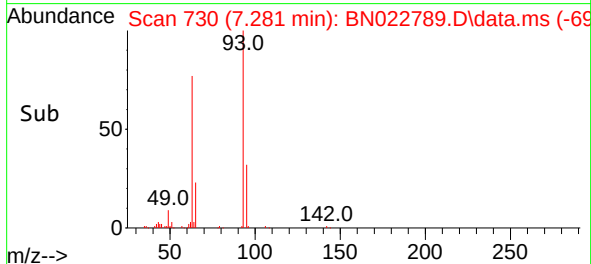
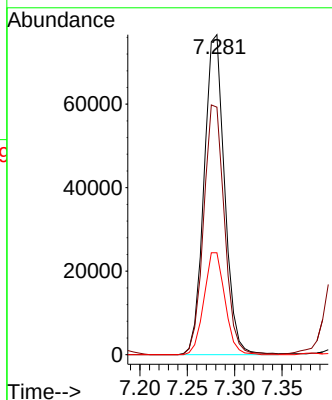


#10
Bis(2-Chloroethyl)ether
Concen: 22.131 ng/ul
RT: 7.281 min Scan# 730
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Instrument :
BNA_N
ClientSampleId :

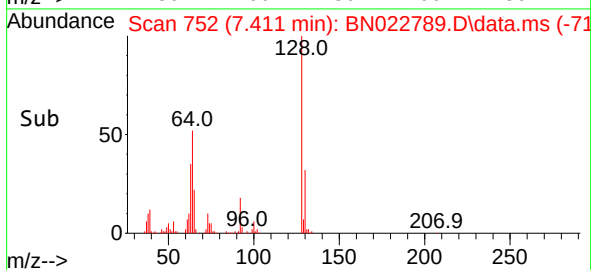
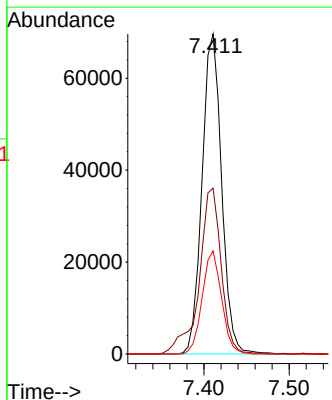
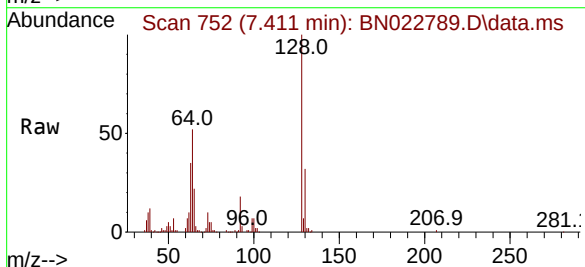


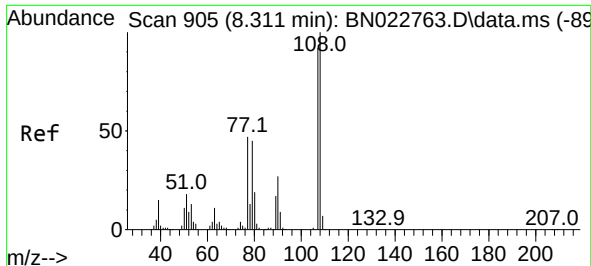
Tgt Ion: 93 Resp: 115531
Ion Ratio Lower Upper
93 100
63 77.4 61.8 92.6
95 31.9 26.3 39.5



#12
2-Chlorophenol
Concen: 22.137 ng/ul
RT: 7.411 min Scan# 752
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:128 Resp: 111347
Ion Ratio Lower Upper
128 100
64 51.8 40.0 60.0
130 32.2 26.3 39.5

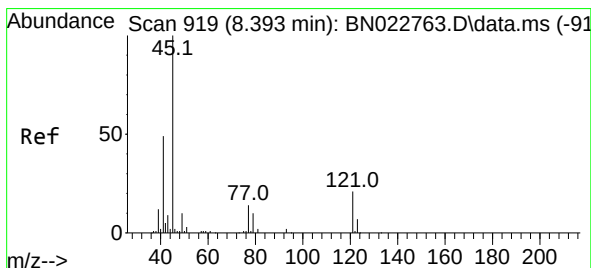
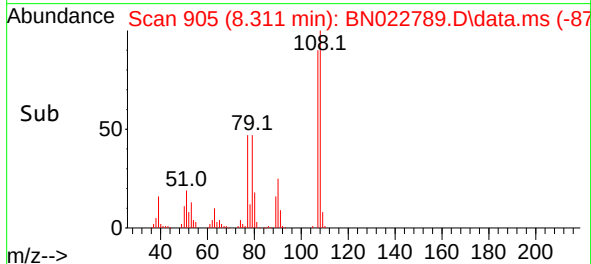
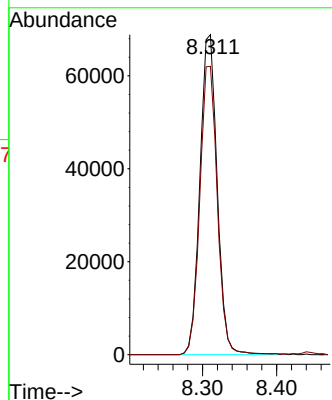
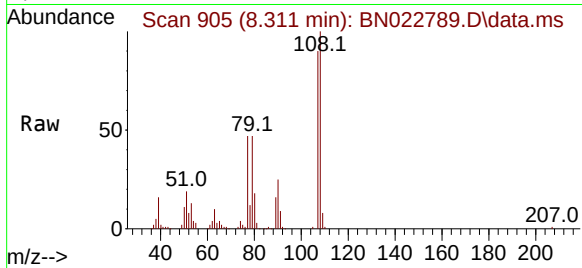




#13
2-Methylphenol
Concen: 22.326 ng/ul
RT: 8.311 min Scan# 905
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

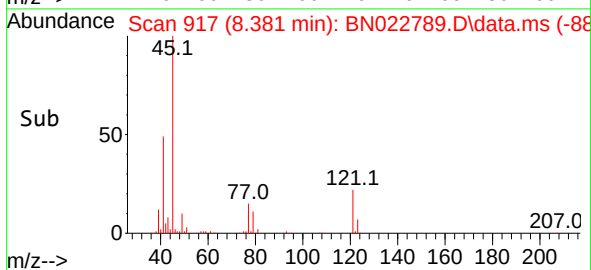
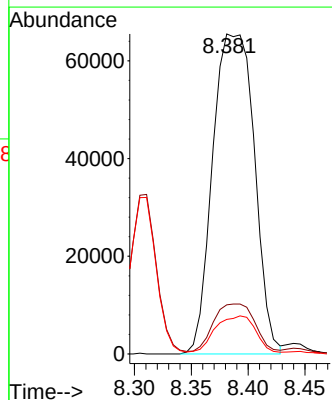
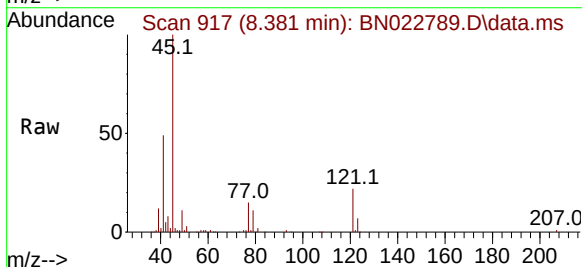
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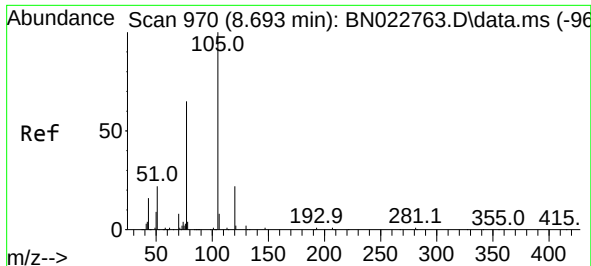
Tgt Ion:108 Resp: 111329
Ion Ratio Lower Upper
108 100
107 90.1 74.1 111.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 24.287 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. -0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion: 45 Resp: 167359
Ion Ratio Lower Upper
45 100
77 15.4 13.0 19.4
79 10.8 9.5 14.3

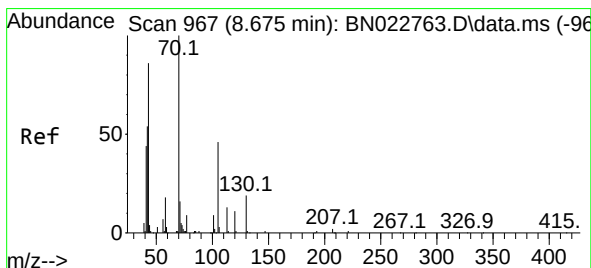
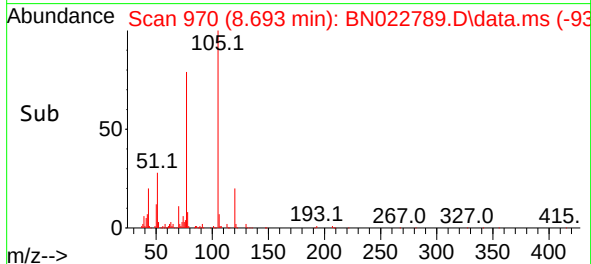
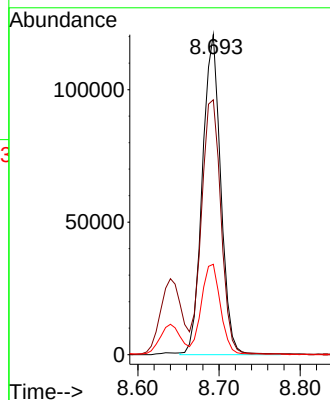
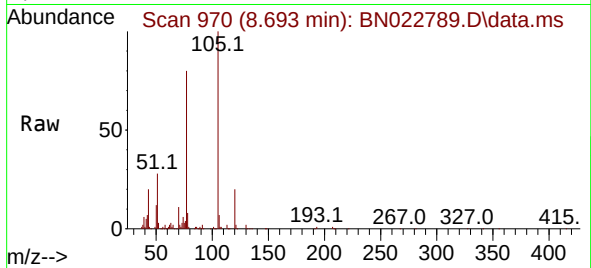




#16
Acetophenone
Concen: 23.396 ng/ul
RT: 8.693 min Scan# 91
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

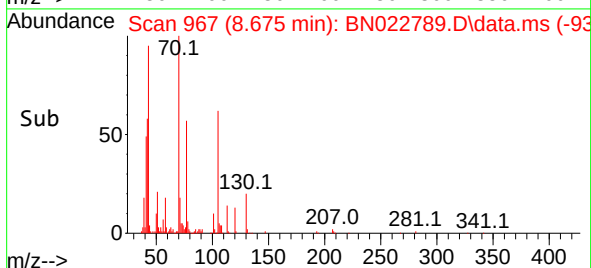
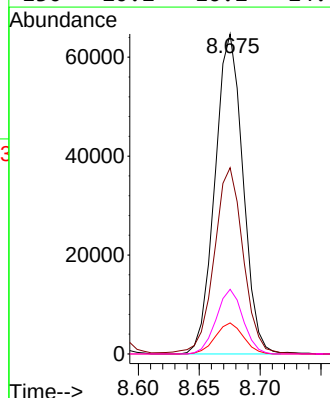
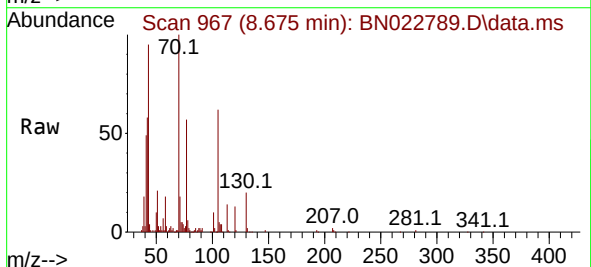
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ClientSampleId :

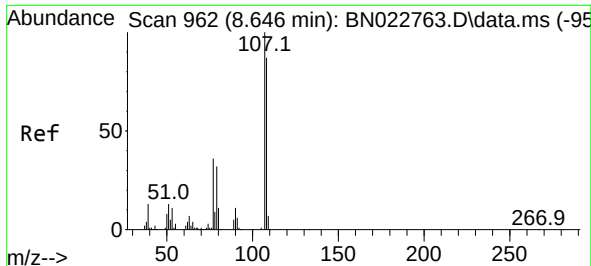
Tgt Ion:105 Resp: 189622
Ion Ratio Lower Upper
105 100
77 79.6 64.0 96.0
51 28.2 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 23.915 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion: 70 Resp: 103305
Ion Ratio Lower Upper
70 100
42 58.2 43.4 65.2
101 9.7 8.0 12.0
130 20.2 16.2 24.4

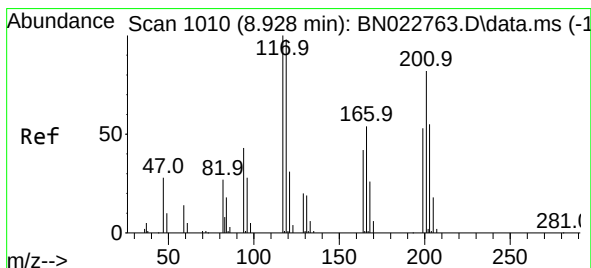
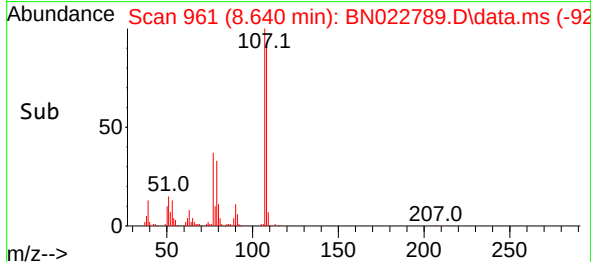
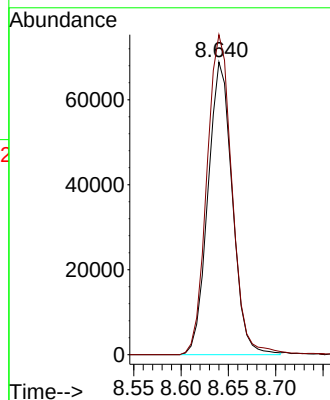
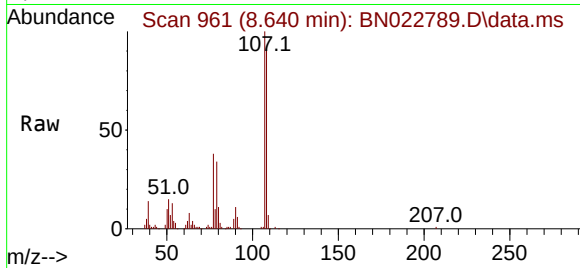




#18
4-Methylphenol
Concen: 22.818 ng/ul
RT: 8.640 min Scan# 962
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

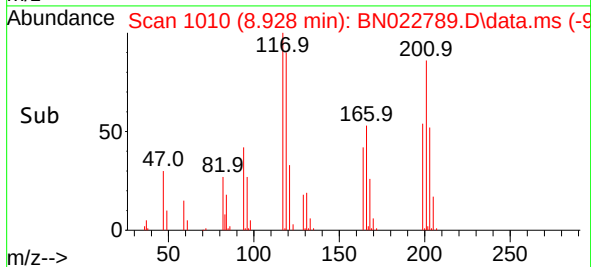
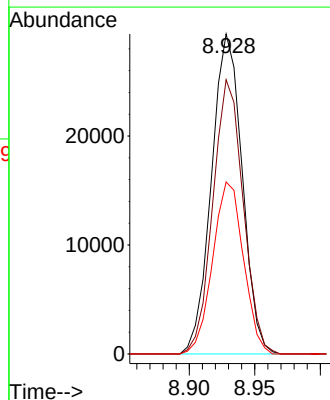
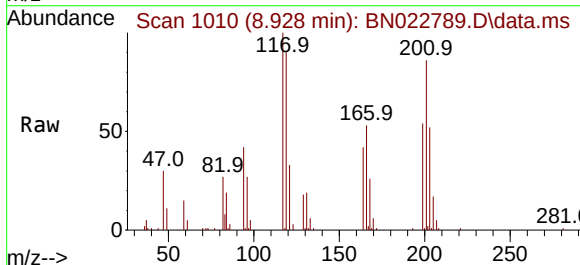
Instrument :
BNA_N
ClientSampleId :

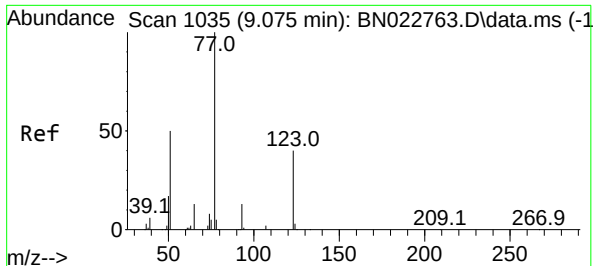
Tgt Ion:108 Resp: 123554
Ion Ratio Lower Upper
108 100
107 109.3 89.4 134.2



#19
Hexachloroethane
Concen: 22.455 ng/ul
RT: 8.928 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:117 Resp: 47820
Ion Ratio Lower Upper
117 100
201 85.7 69.5 104.3
199 53.8 43.9 65.9





#22

Nitrobenzene

Concen: 22.574 ng/ul

RT: 9.069 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :

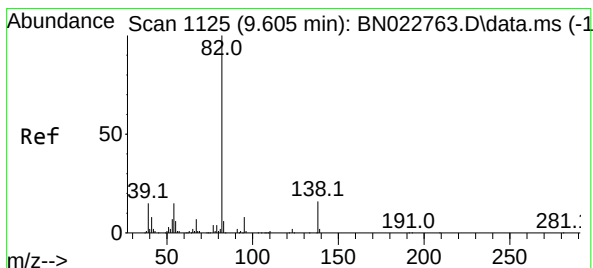
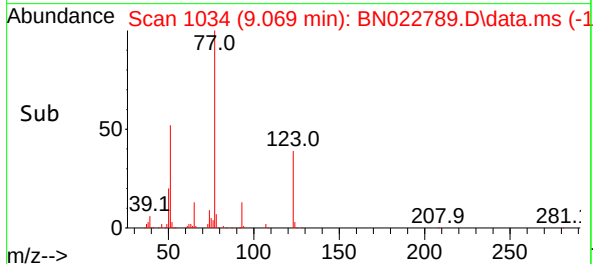
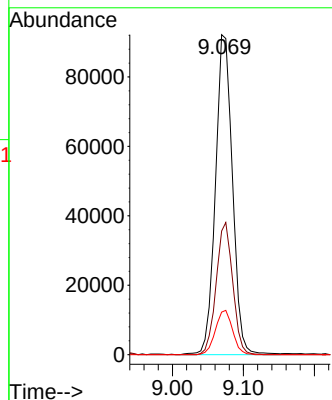
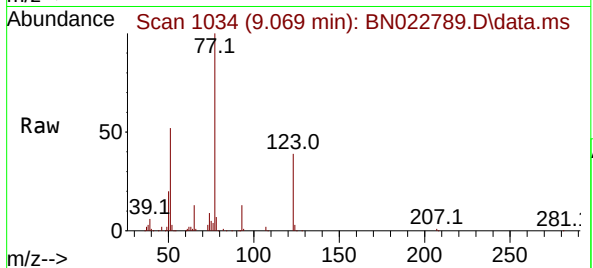
Tgt Ion: 77 Resp: 153285

Ion Ratio Lower Upper

77 100

123 38.6 32.6 49.0

65 13.3 10.7 16.1



#23

Isophorone

Concen: 22.534 ng/ul

RT: 9.599 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

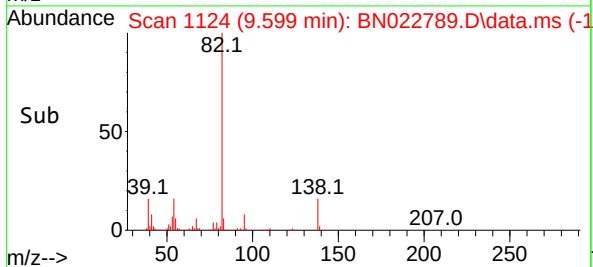
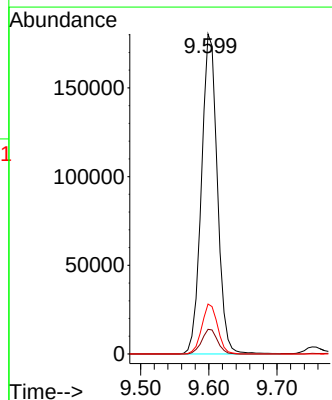
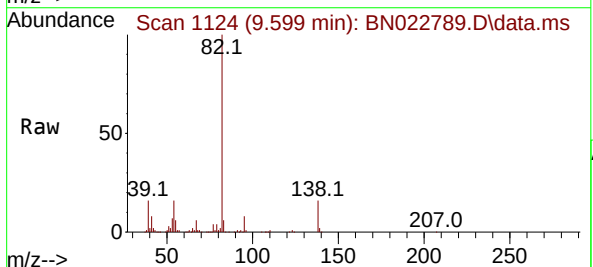
Tgt Ion: 82 Resp: 292691

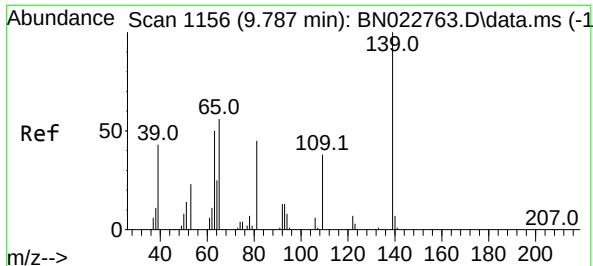
Ion Ratio Lower Upper

82 100

95 7.7 6.3 9.5

138 15.6 12.8 19.2

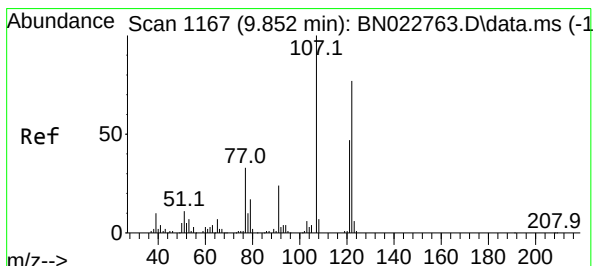
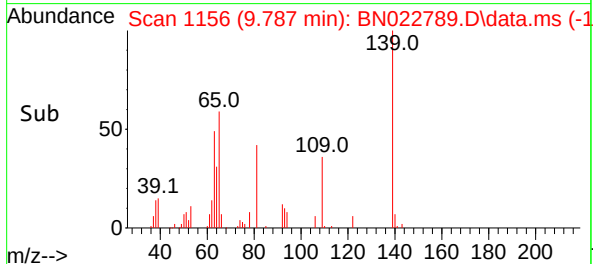
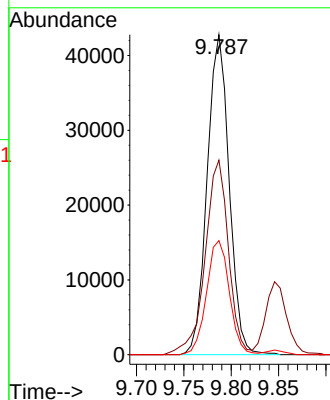
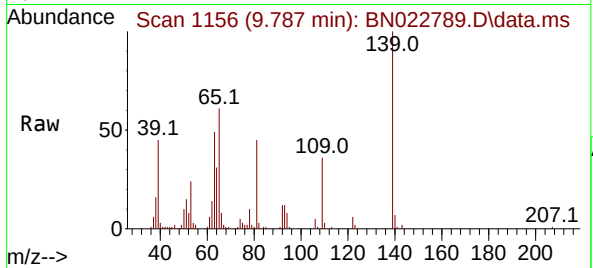




#25
2-Nitrophenol
Concen: 22.486 ng/ul
RT: 9.787 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

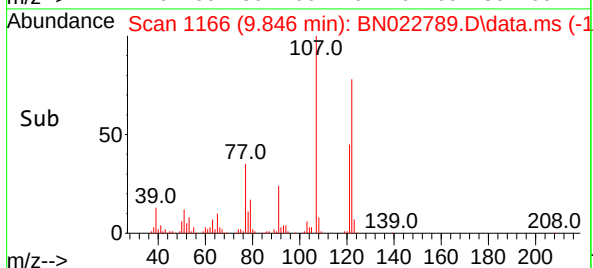
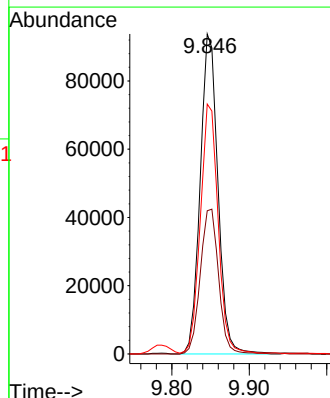
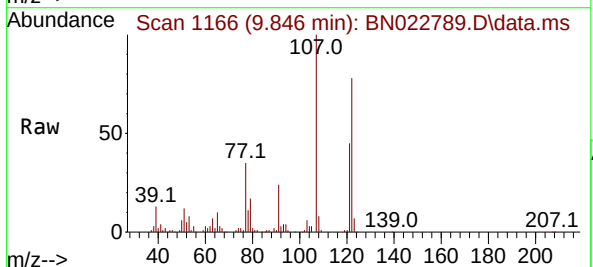
Instrument :
BNA_N
ClientSampleId :

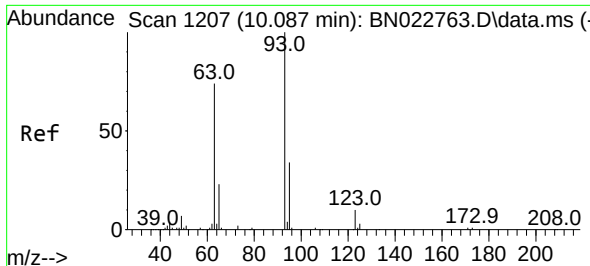
Tgt Ion:139 Resp: 69136
Ion Ratio Lower Upper
139 100
65 60.8 45.4 68.2
109 35.6 27.9 41.9



#26
2,4-Dimethylphenol
Concen: 22.615 ng/ul
RT: 9.846 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:107 Resp: 149153
Ion Ratio Lower Upper
107 100
121 44.8 38.5 57.7
122 78.1 64.1 96.1

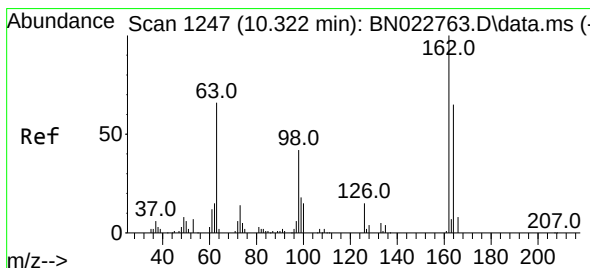
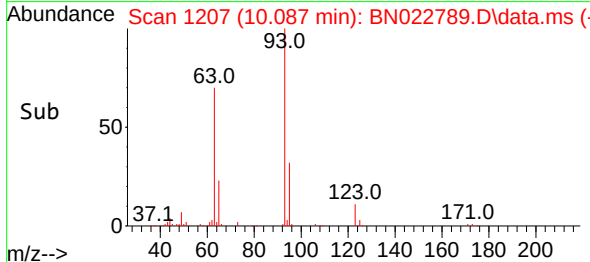
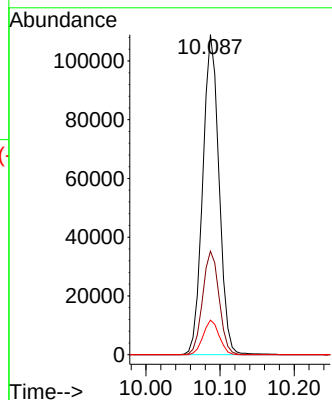
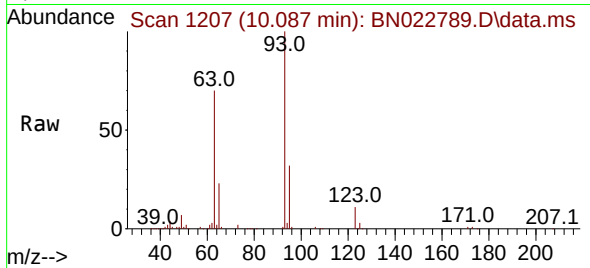




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.204 ng/ul
 RT: 10.087 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BN022789.D
 Acq: 21 Nov 2022 16:22

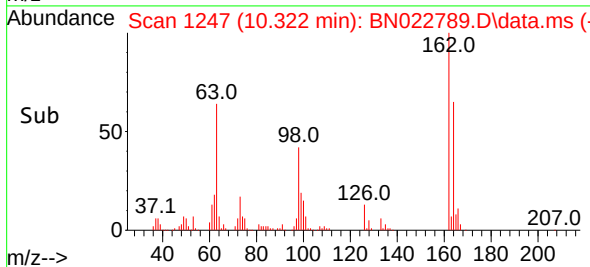
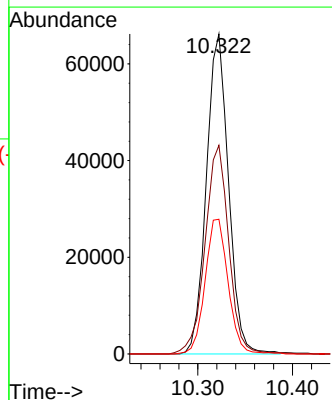
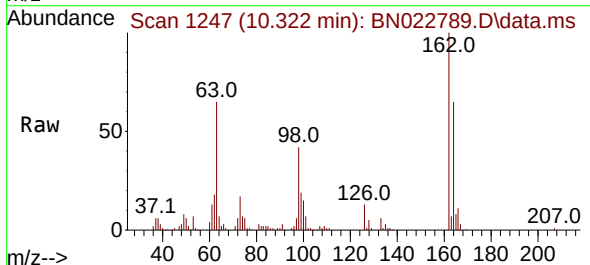
Instrument :
 BNA_N
 ClientSampleId :

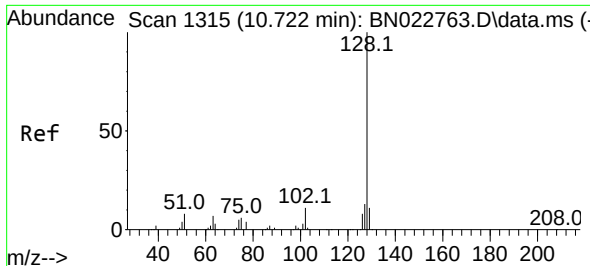
Tgt Ion: 93 Resp: 166312
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.8 38.6
 123 10.8 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 22.222 ng/ul
 RT: 10.322 min Scan# 1247
 Delta R.T. 0.000 min
 Lab File: BN022789.D
 Acq: 21 Nov 2022 16:22

Tgt Ion:162 Resp: 107682
 Ion Ratio Lower Upper
 162 100
 164 65.2 51.9 77.9
 98 42.1 33.1 49.7

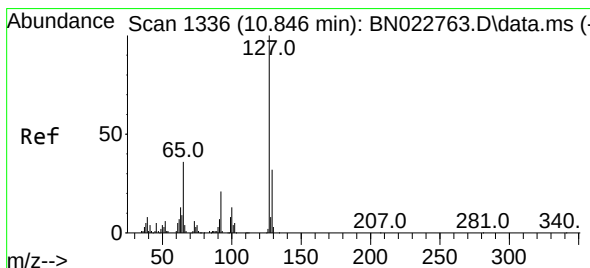
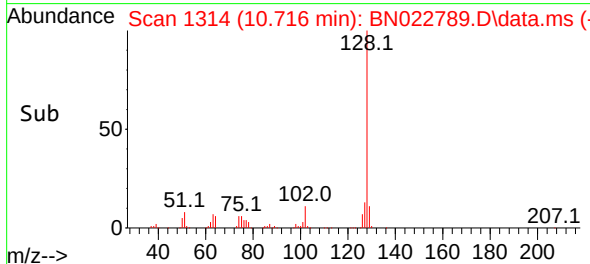
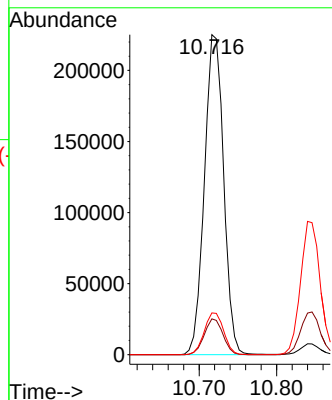
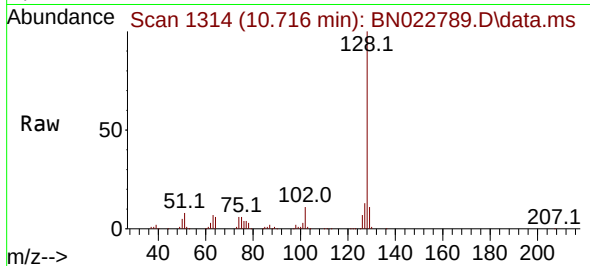




#30
Naphthalene
Concen: 22.584 ng/ul
RT: 10.716 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

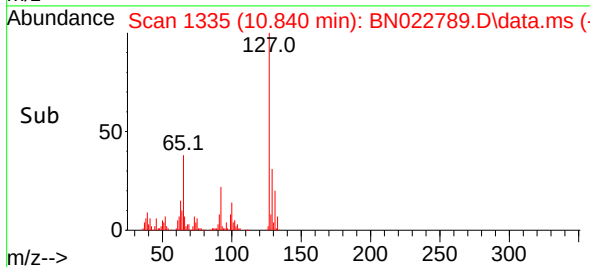
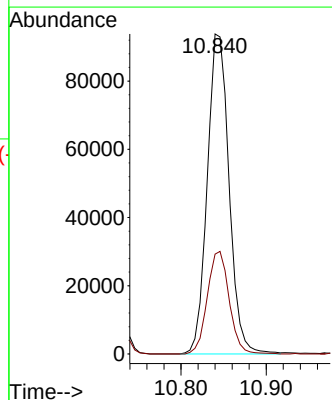
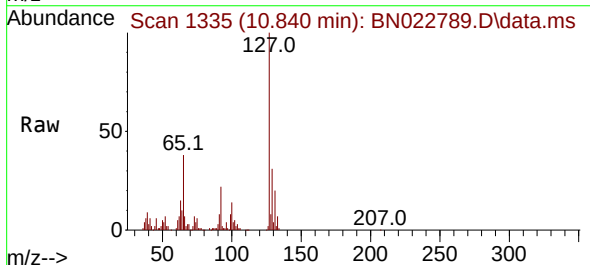
Instrument :
BNA_N
ClientSampleId :

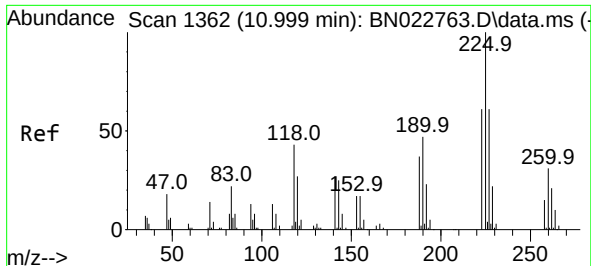
Tgt Ion:128 Resp: 388129
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 21.983 ng/ul
RT: 10.840 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

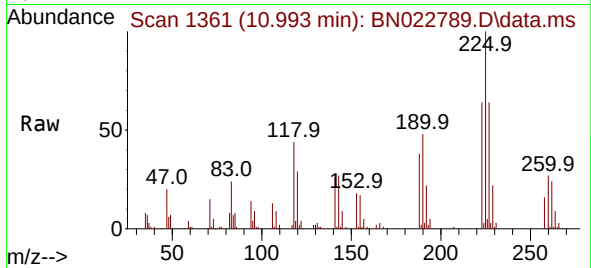
Tgt Ion:127 Resp: 166719
Ion Ratio Lower Upper
127 100
129 31.2 25.4 38.0



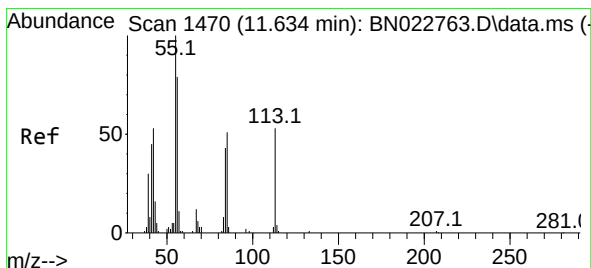
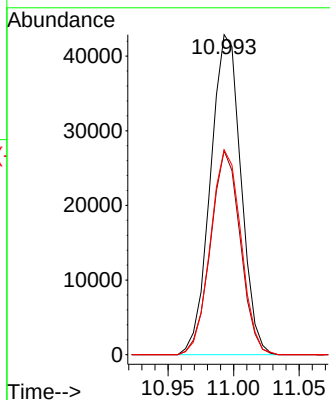
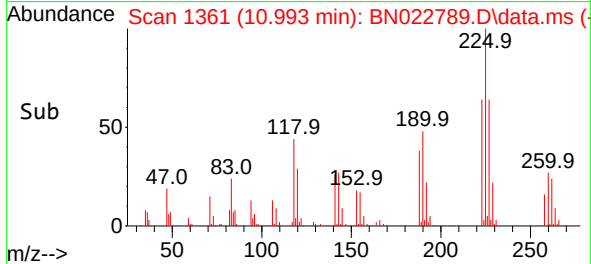


#33
Hexachlorobutadiene
Concen: 23.231 ng/ul
RT: 10.993 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

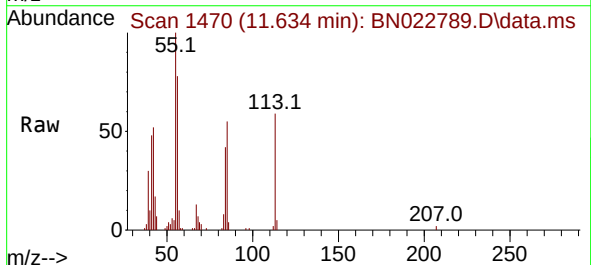
Instrument :
BNA_N
ClientSampleId :



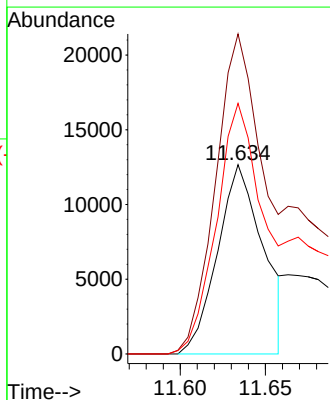
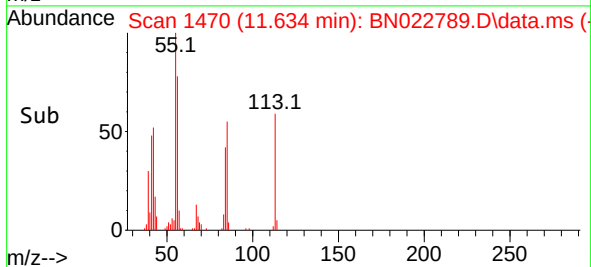
Tgt Ion:225 Resp: 69289
Ion Ratio Lower Upper
225 100
223 63.7 48.6 73.0
227 64.0 47.8 71.8

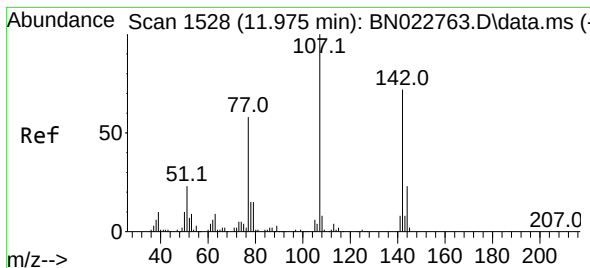


#34
Caprolactam
Concen: 12.817 ng/ul
RT: 11.634 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22



Tgt Ion:113 Resp: 23562
Ion Ratio Lower Upper
113 100
55 169.1 133.8 200.8
56 132.4 103.8 155.6

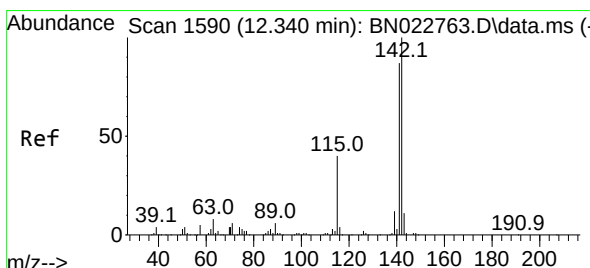
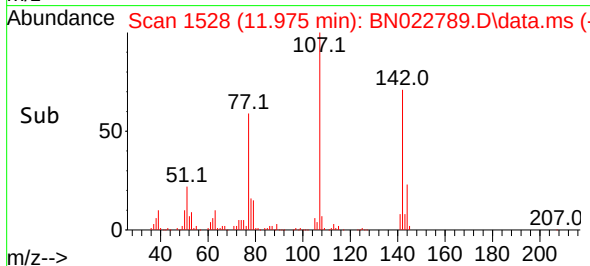
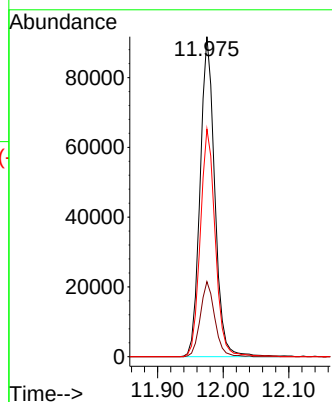
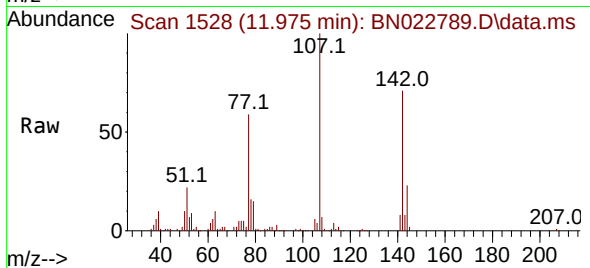




#35
4-Chloro-3-methylphenol
Concen: 22.633 ng/ul
RT: 11.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

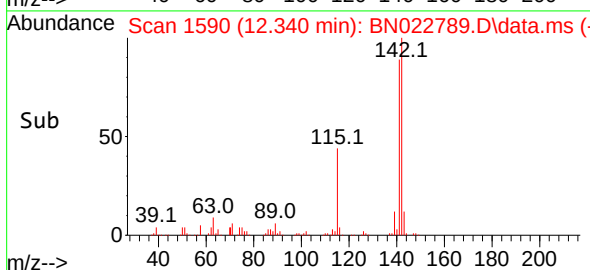
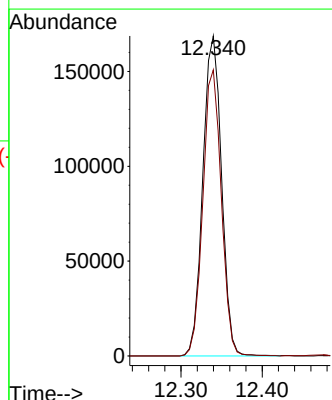
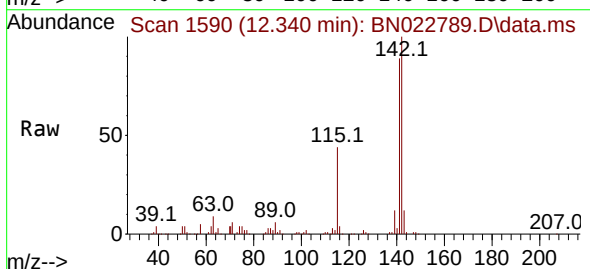
Instrument :
BNA_N
ClientSampleId :

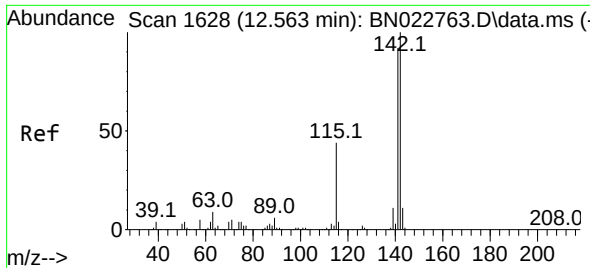
Tgt Ion:107 Resp: 143039
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.4
142 71.2 57.0 85.6



#36
2-Methylnaphthalene
Concen: 23.052 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:142 Resp: 269889
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8

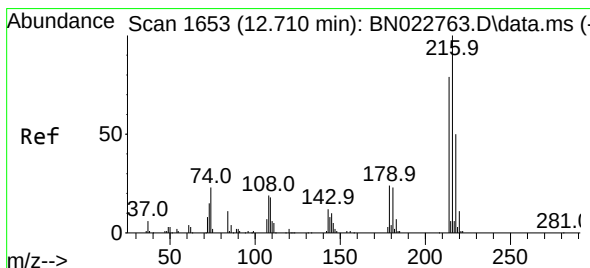
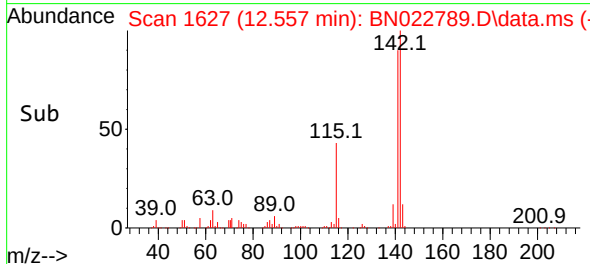
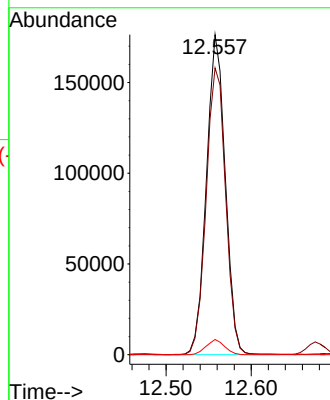
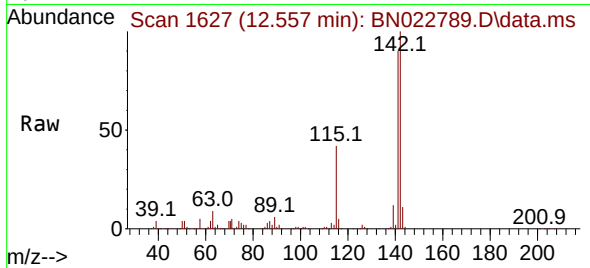




#37
1-Methylnaphthalene
Concen: 23.114 ng/ul
RT: 12.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

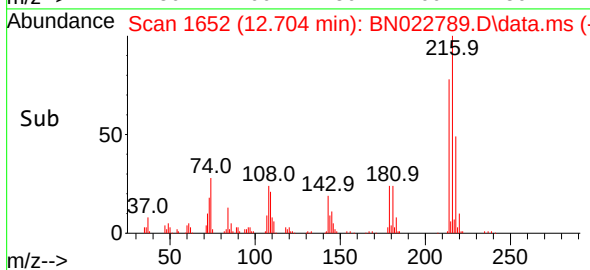
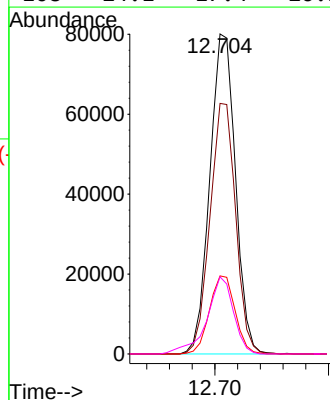
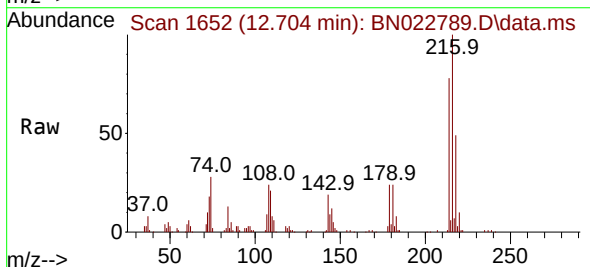
Instrument :
BNA_N
ClientSampleId :

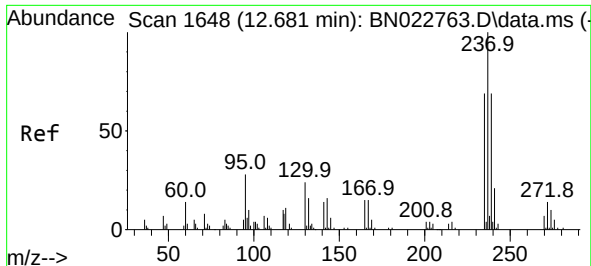
Tgt Ion:142 Resp: 271283
Ion Ratio Lower Upper
142 100
141 89.6 77.2 115.8
116 4.7 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.902 ng/ul
RT: 12.704 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:216 Resp: 125553
Ion Ratio Lower Upper
216 100
214 78.3 62.9 94.3
179 24.4 19.0 28.4
108 24.1 17.4 26.2

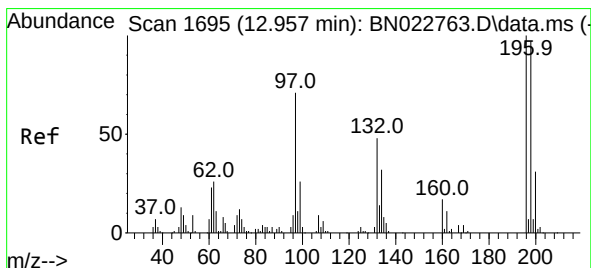
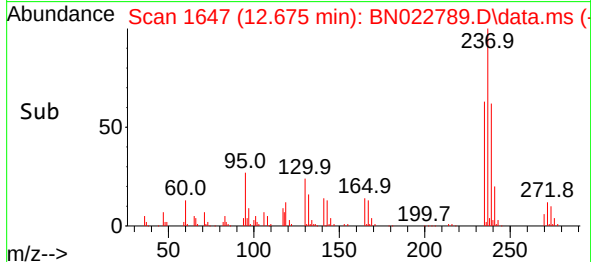
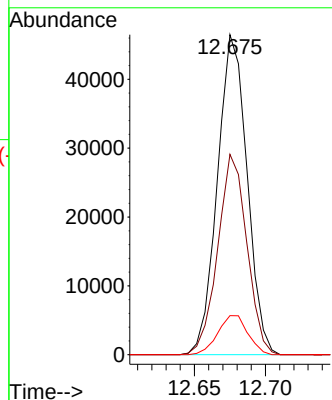
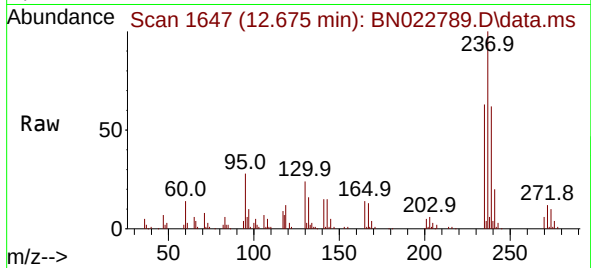




#40
Hexachlorocyclopentadiene
Concen: 20.167 ng/ul
RT: 12.675 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

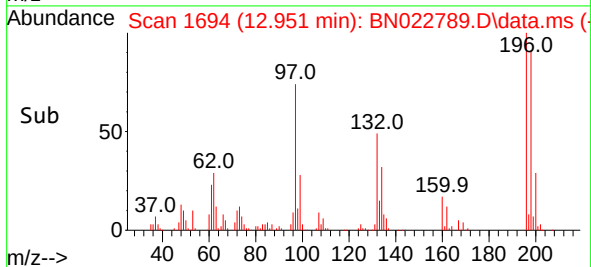
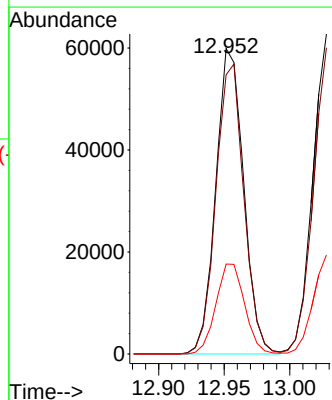
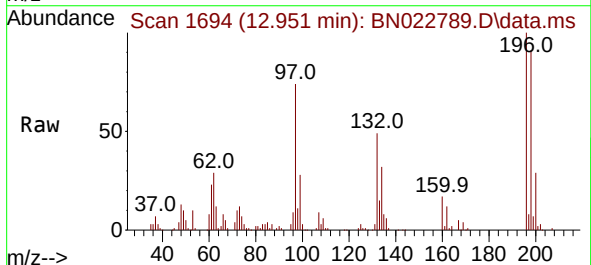
Instrument :
BNA_N
ClientSampleId :

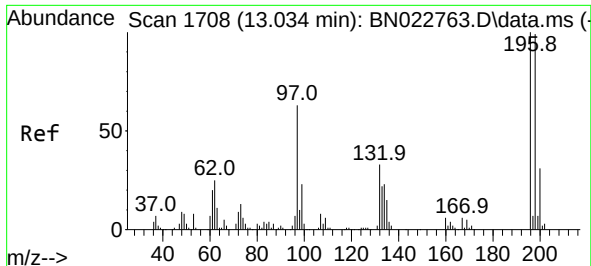
Tgt Ion:237 Resp: 67499
Ion Ratio Lower Upper
237 100
235 62.6 50.3 75.5
272 12.2 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 21.766 ng/ul
RT: 12.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:196 Resp: 88592
Ion Ratio Lower Upper
196 100
198 91.4 77.3 115.9
200 29.5 25.4 38.2





#42

2,4,5-Trichlorophenol

Concen: 22.417 ng/ul

RT: 13.028 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :

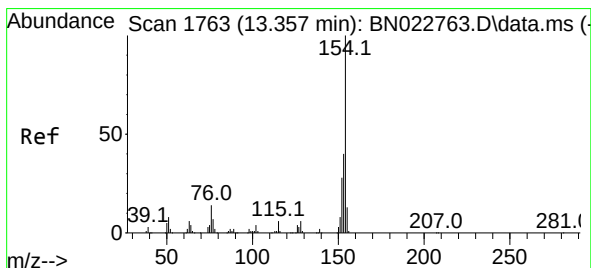
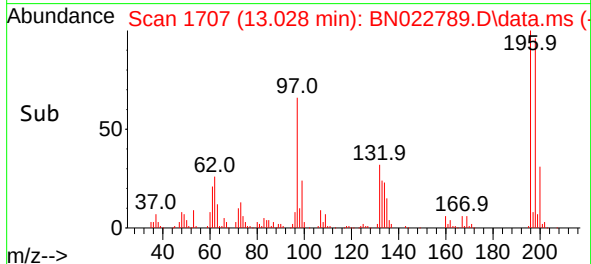
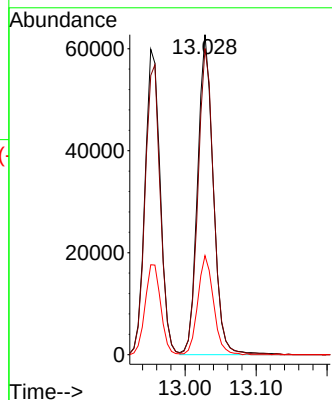
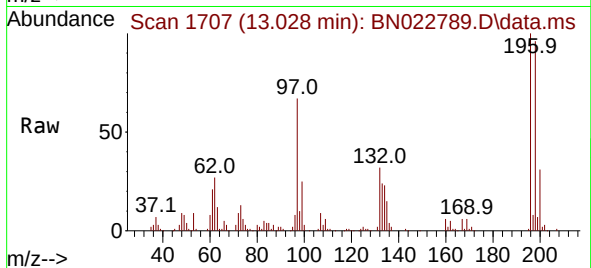
Tgt Ion:196 Resp: 96622

Ion Ratio Lower Upper

196 100

198 95.7 78.8 118.2

200 31.0 26.0 39.0



#43

1,1'-Biphenyl

Concen: 22.173 ng/ul

RT: 13.351 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

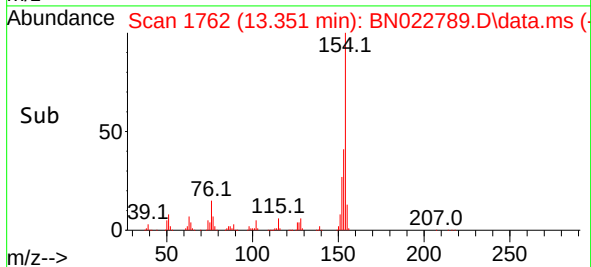
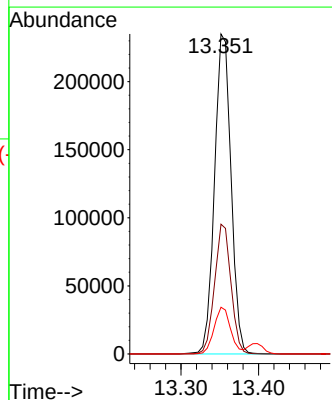
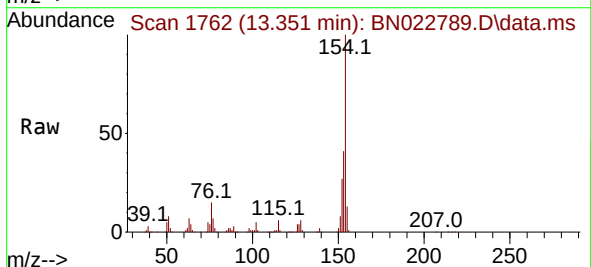
Tgt Ion:154 Resp: 347599

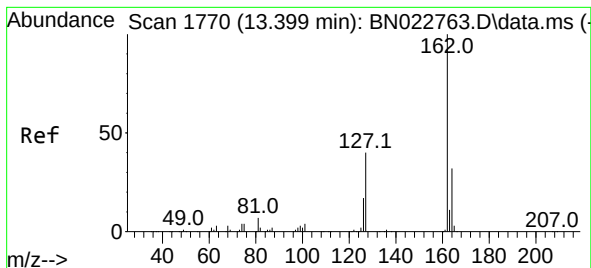
Ion Ratio Lower Upper

154 100

153 40.6 32.2 48.2

76 14.6 11.2 16.8





#44

2-Chloronaphthalene

Concen: 22.098 ng/ul

RT: 13.399 min Scan# 11

Delta R.T. 0.006 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :

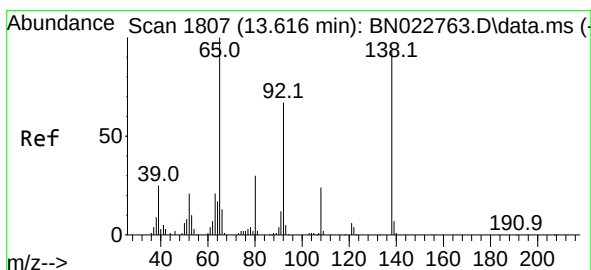
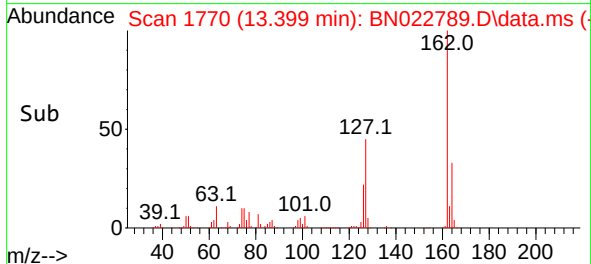
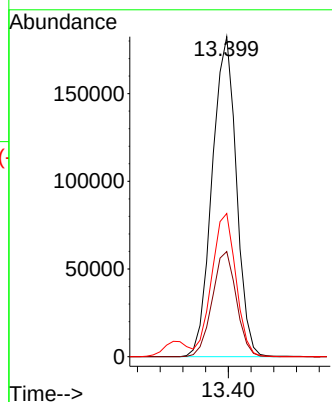
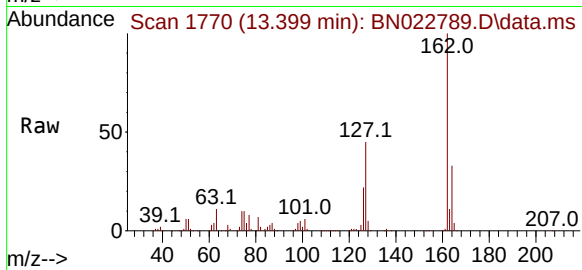
Tgt Ion:162 Resp: 269934

Ion Ratio Lower Upper

162 100

164 32.8 26.0 39.0

127 44.8 37.8 56.6



#45

2-Nitroaniline

Concen: 22.774 ng/ul

RT: 13.616 min Scan# 1807

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

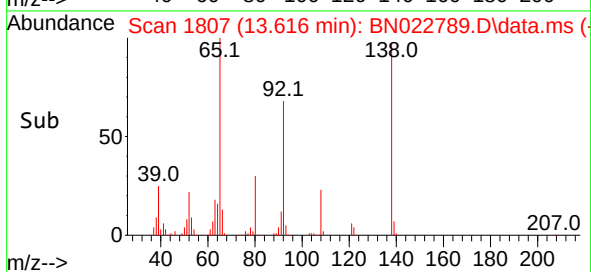
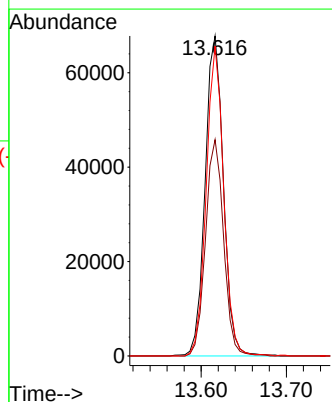
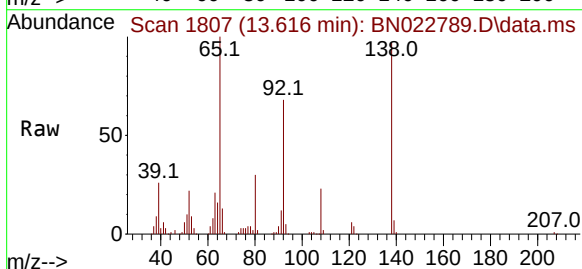
Tgt Ion: 65 Resp: 101033

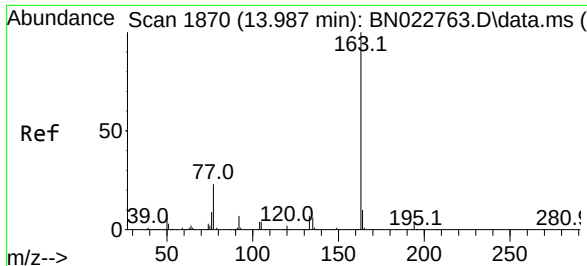
Ion Ratio Lower Upper

65 100

92 67.6 55.2 82.8

138 96.8 74.1 111.1

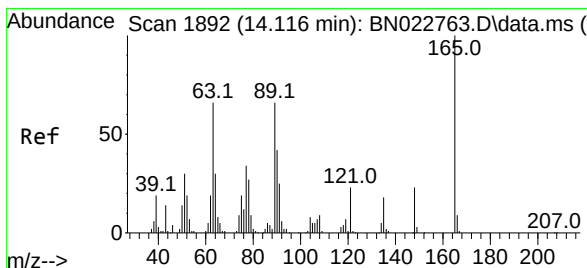
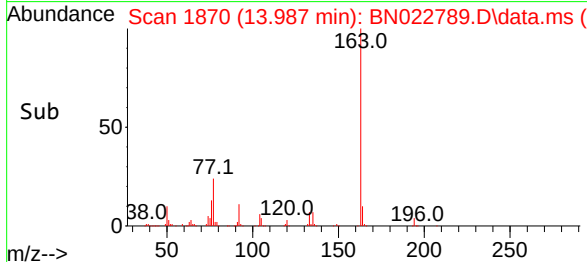
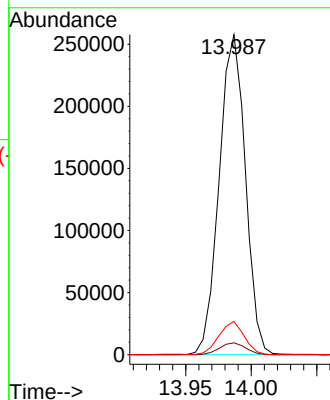
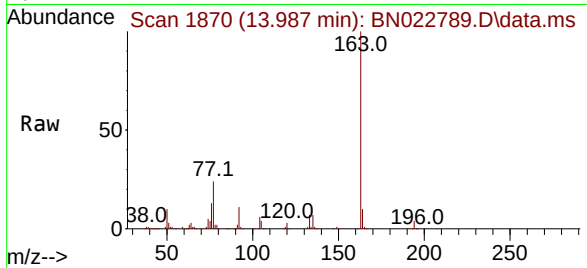




#47
Dimethylphthalate
Concen: 21.894 ng/ul
RT: 13.987 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

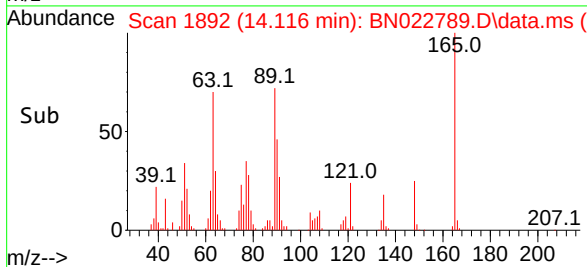
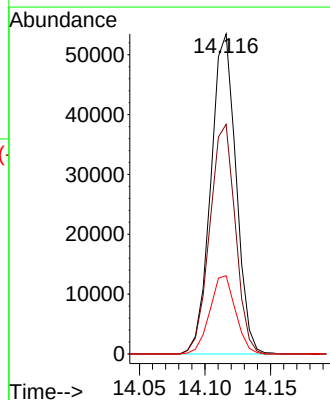
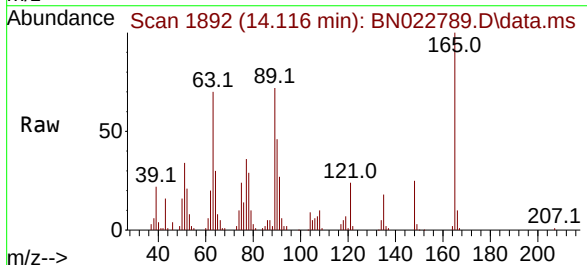
Instrument :
BNA_N
ClientSampleId :

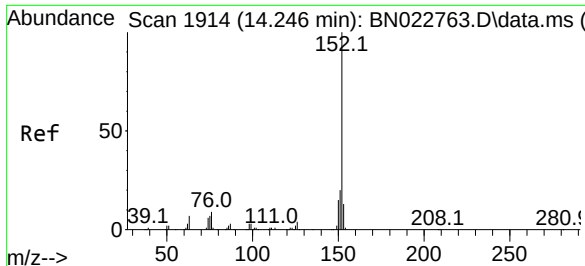
Tgt Ion:163 Resp: 357472
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 21.621 ng/ul
RT: 14.116 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:165 Resp: 71459
Ion Ratio Lower Upper
165 100
89 71.8 55.2 82.8
121 24.5 19.6 29.4

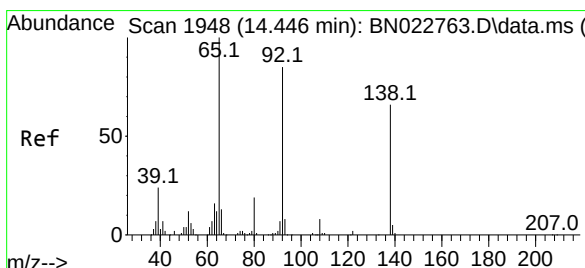
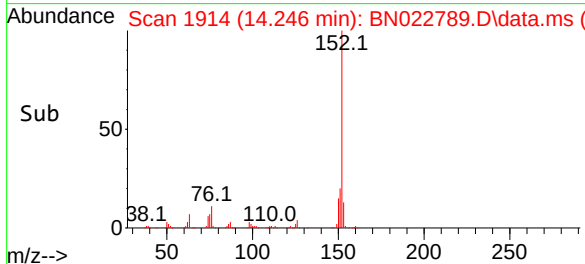
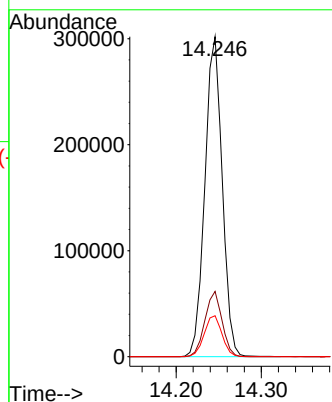
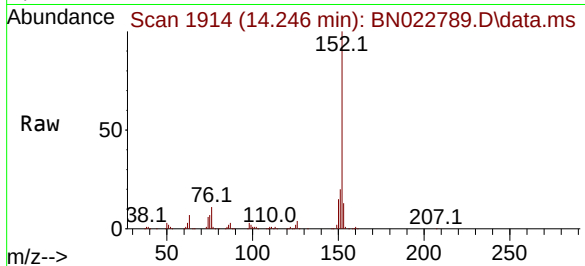




#50
Acenaphthylene
Concen: 22.356 ng/ul
RT: 14.246 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

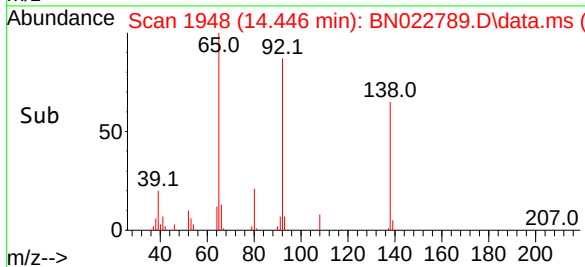
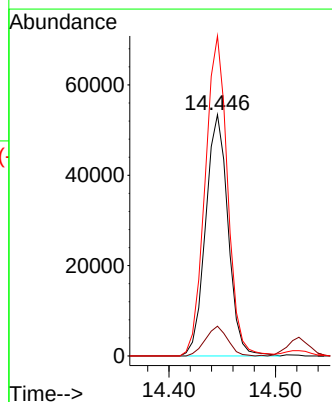
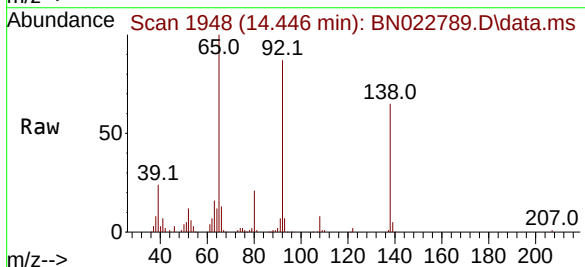
Instrument :
BNA_N
ClientSampleId :

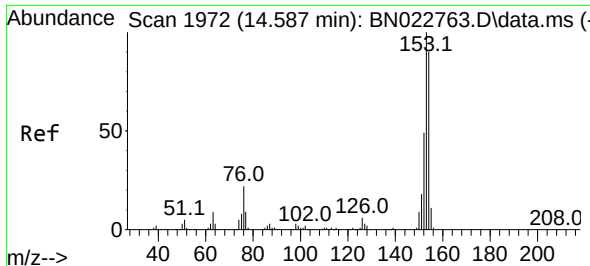
Tgt Ion:152 Resp: 427467
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 12.8 10.9 16.3



#51
3-Nitroaniline
Concen: 21.989 ng/ul
RT: 14.446 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:138 Resp: 78252
Ion Ratio Lower Upper
138 100
108 12.4 9.7 14.5
92 132.6 103.7 155.5

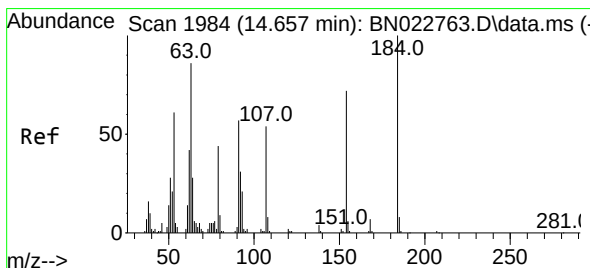
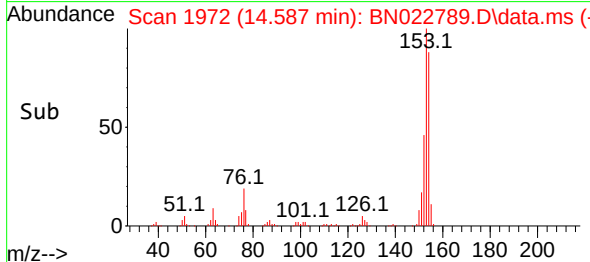
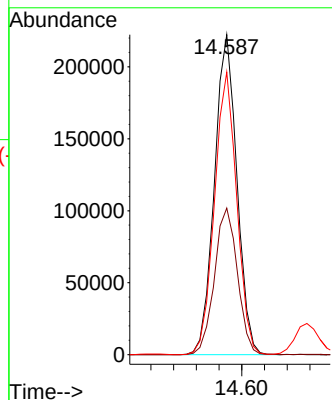
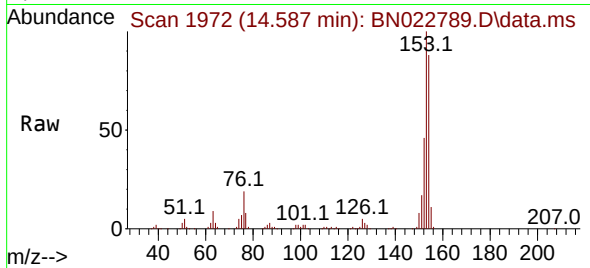




#52
Acenaphthene
Concen: 22.539 ng/ul
RT: 14.587 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

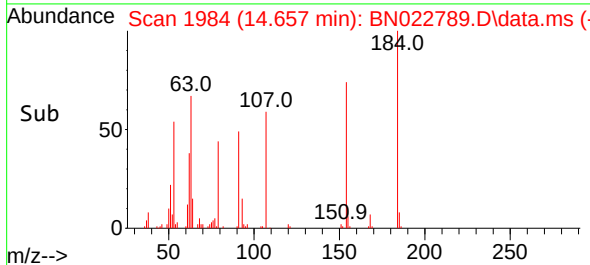
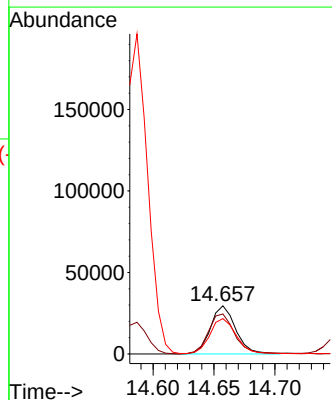
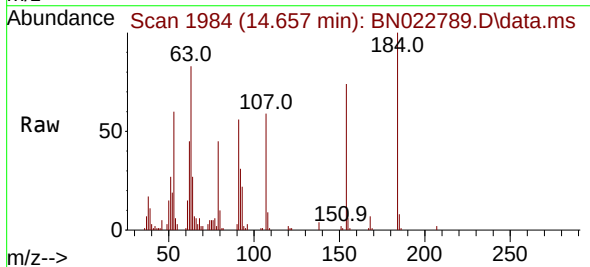
Instrument :
BNA_N
ClientSampleId :

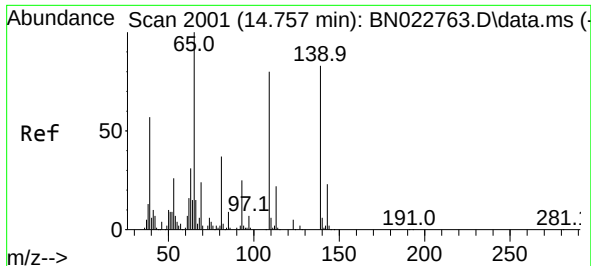
Tgt Ion:153 Resp: 305773
Ion Ratio Lower Upper
153 100
152 45.8 38.2 57.4
154 88.3 71.9 107.9



#53
2,4-Dinitrophenol
Concen: 18.464 ng/ul
RT: 14.657 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:184 Resp: 42647
Ion Ratio Lower Upper
184 100
63 83.2 66.4 99.6
154 73.5 59.4 89.0

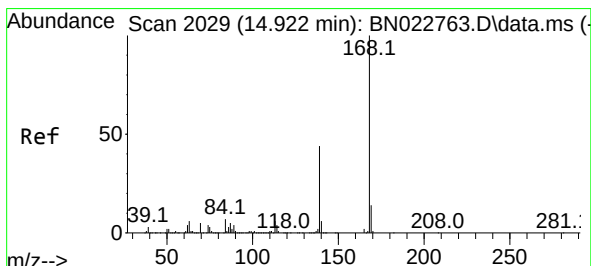
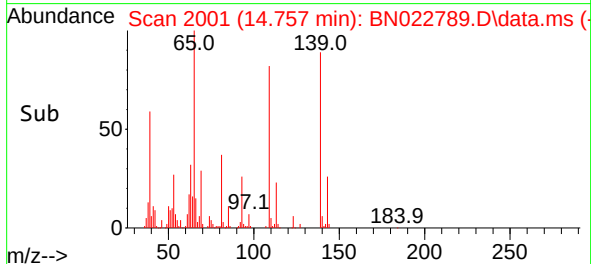
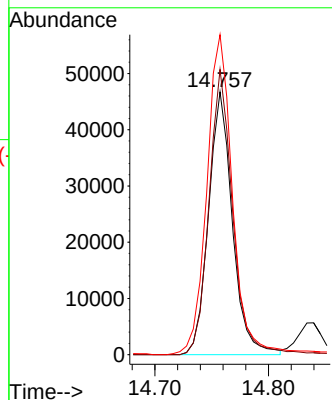
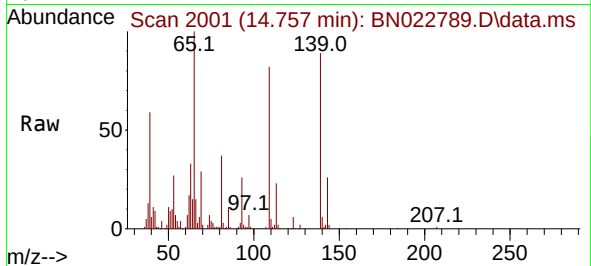




#55
4-Nitrophenol
Concen: 22.224 ng/ul
RT: 14.757 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

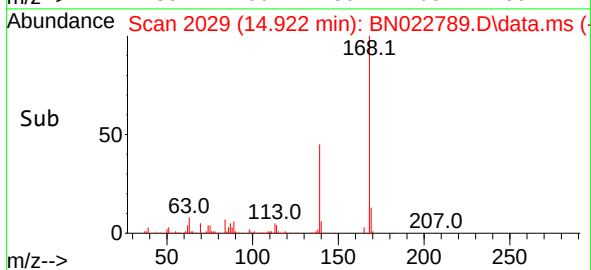
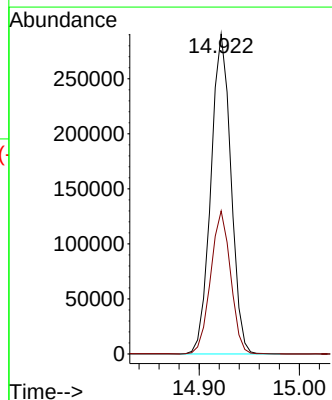
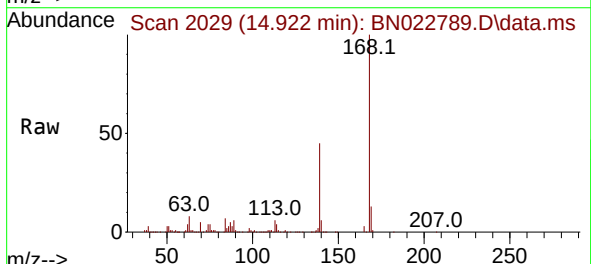
Instrument :
BNA_N
ClientSampleId :

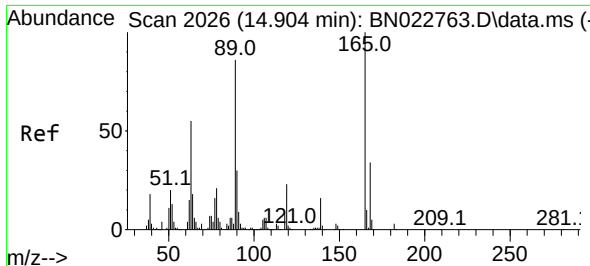
Tgt Ion:109 Resp: 68222
Ion Ratio Lower Upper
109 100
139 108.5 86.0 129.0
65 121.8 102.6 154.0



#56
Dibenzofuran
Concen: 22.549 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:168 Resp: 404197
Ion Ratio Lower Upper
168 100
139 44.7 34.6 52.0

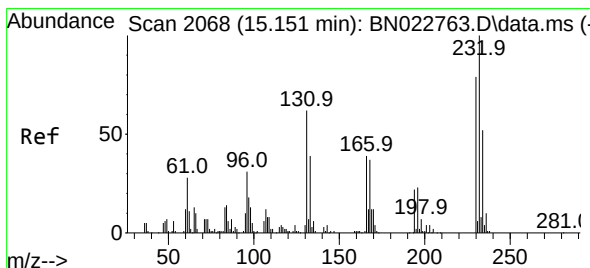
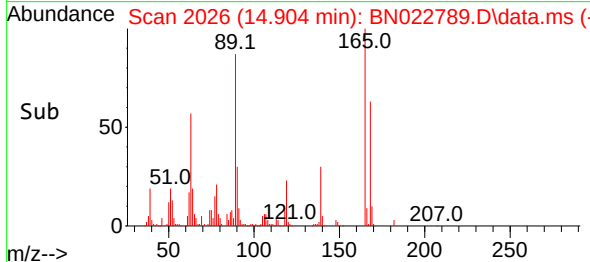
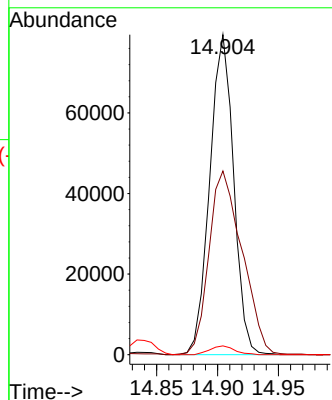
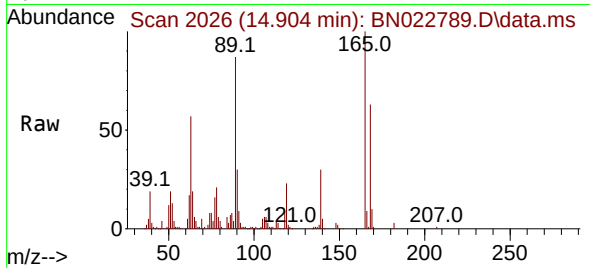




#57
2,4-Dinitrotoluene
Concen: 22.486 ng/ul
RT: 14.904 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

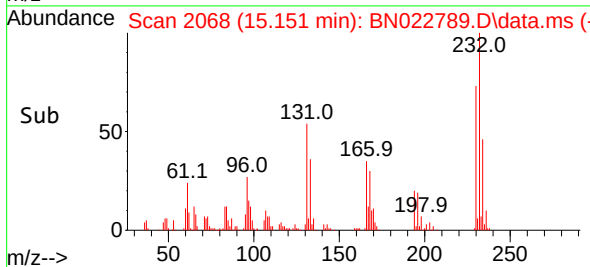
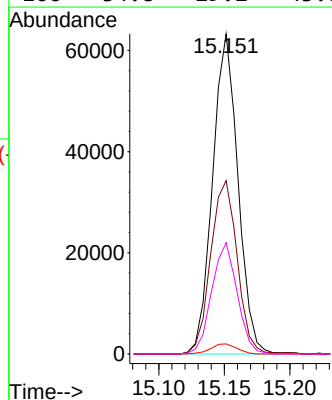
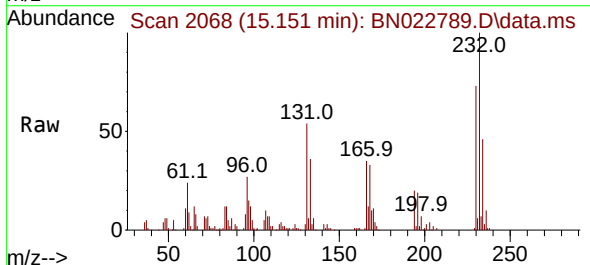
Instrument :
BNA_N
ClientSampleId :

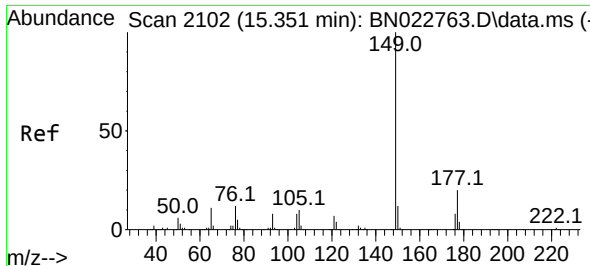
Tgt Ion:165 Resp: 108226
Ion Ratio Lower Upper
165 100
63 57.4 43.4 65.0
182 2.7 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.047 ng/ul
RT: 15.151 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

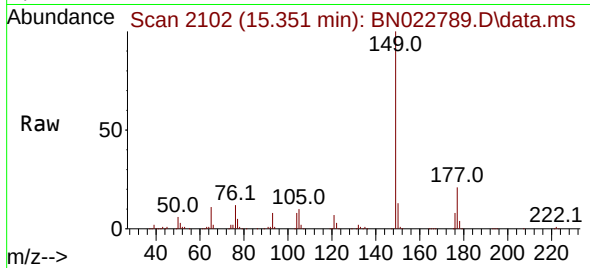
Tgt Ion:232 Resp: 85076
Ion Ratio Lower Upper
232 100
131 54.2 47.4 71.0
130 3.2 2.6 3.8
166 34.8 29.2 43.8



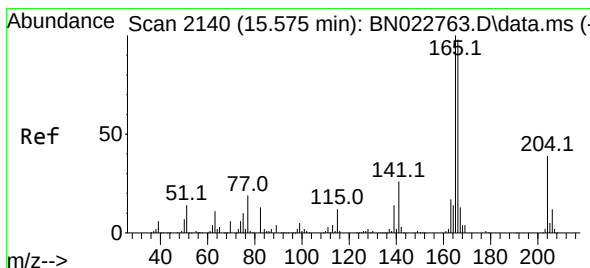
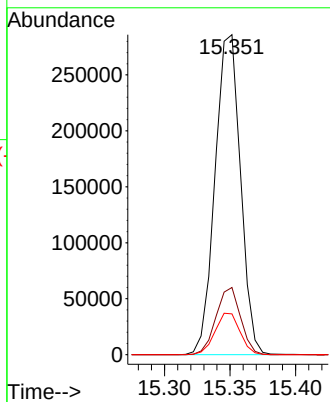
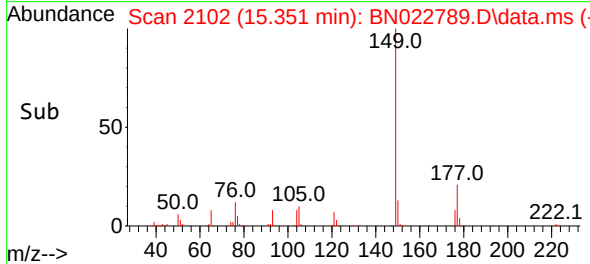


#59
Diethylphthalate
Concen: 22.293 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Instrument :
BNA_N
ClientSampleId :

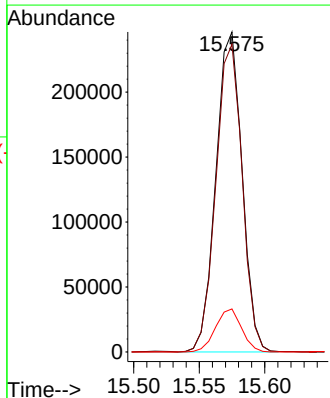
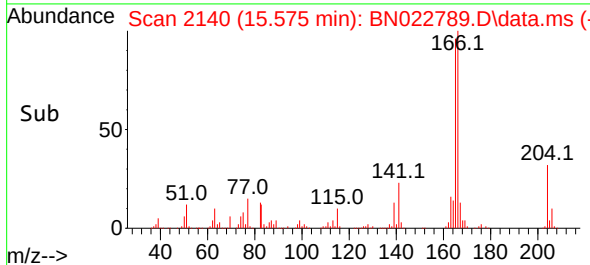
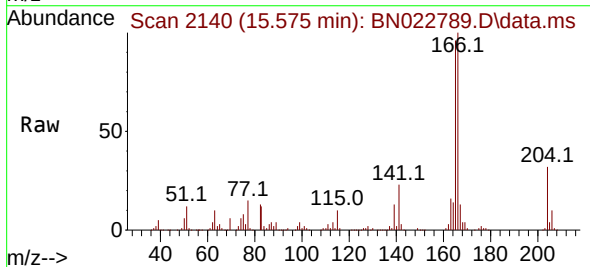


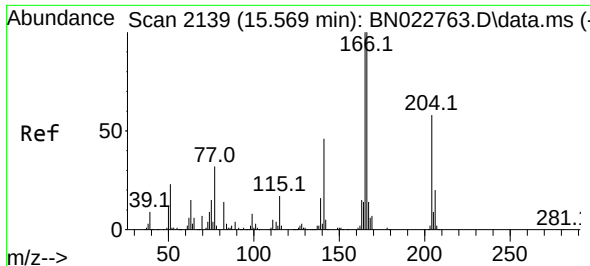
Tgt Ion:149 Resp: 385799
Ion Ratio Lower Upper
149 100
177 21.0 16.2 24.4
150 12.8 9.7 14.5



#61
Fluorene
Concen: 22.853 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:166 Resp: 342091
Ion Ratio Lower Upper
166 100
165 96.1 74.0 111.0
167 13.4 10.2 15.2

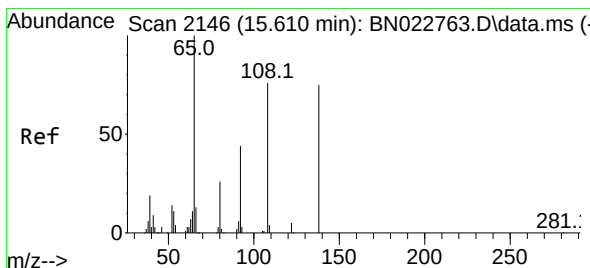
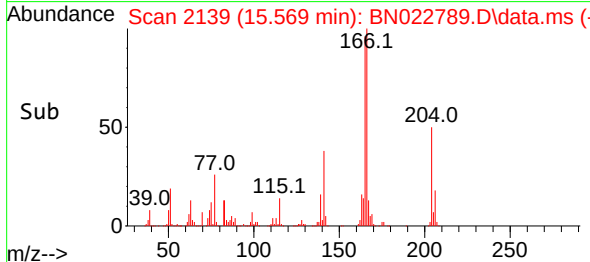
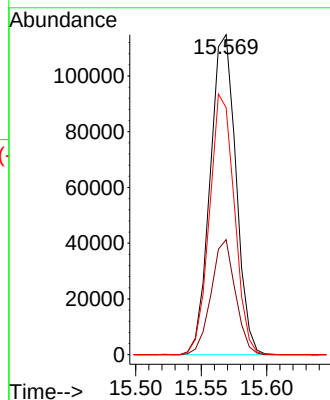
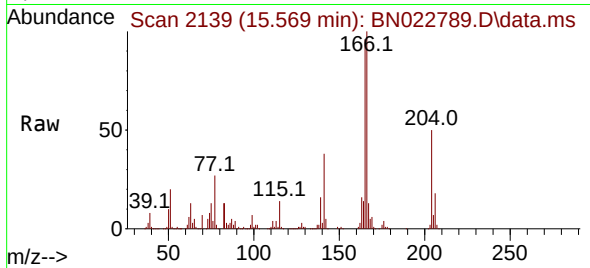




#62
4-Chlorophenyl-phenylether
Concen: 22.311 ng/ul
RT: 15.569 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

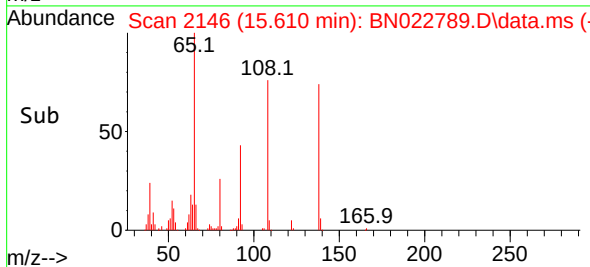
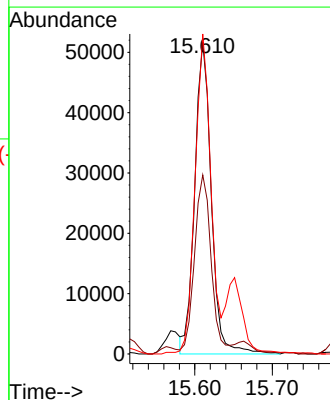
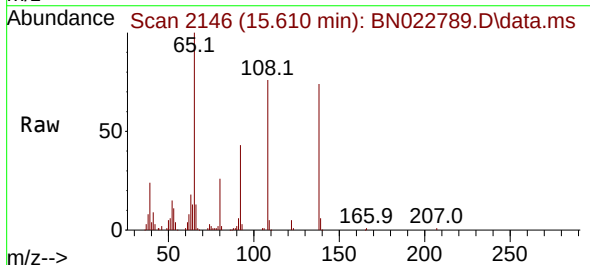
Instrument :
BNA_N
ClientSampleId :

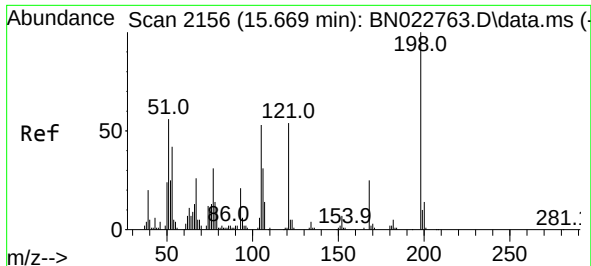
Tgt Ion:204 Resp: 157432
Ion Ratio Lower Upper
204 100
206 35.9 25.6 38.4
141 77.2 57.2 85.8



#63
4-Nitroaniline
Concen: 24.226 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:138 Resp: 76884
Ion Ratio Lower Upper
138 100
92 57.4 45.5 68.3
108 102.6 79.1 118.7

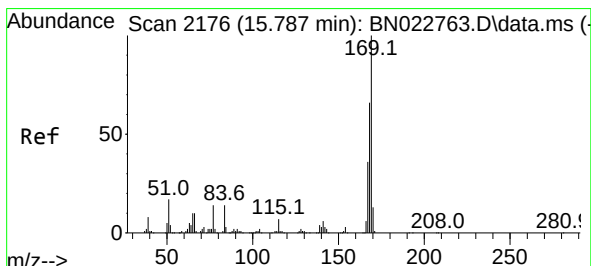
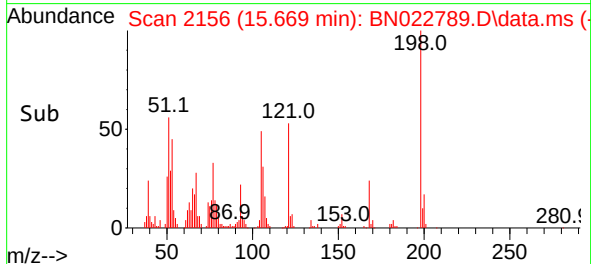
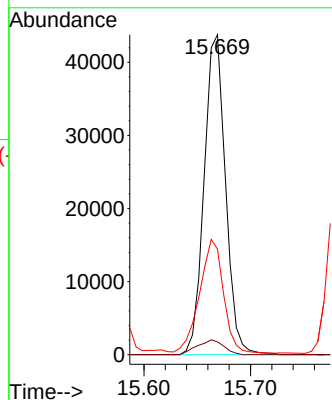
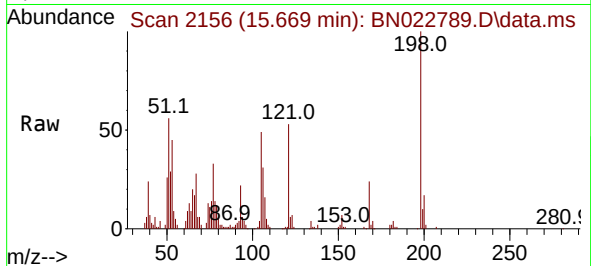




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.128 ng/ul
 RT: 15.669 min Scan# 2156
 Delta R.T. 0.006 min
 Lab File: BN022789.D
 Acq: 21 Nov 2022 16:22

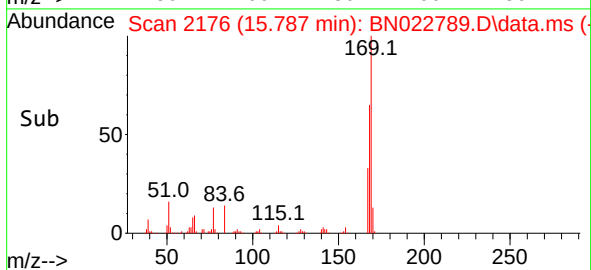
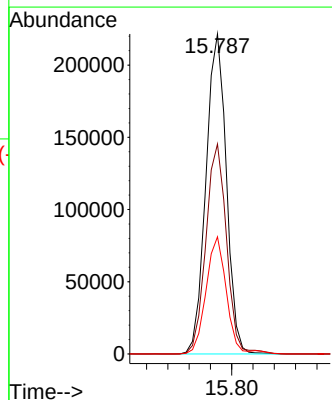
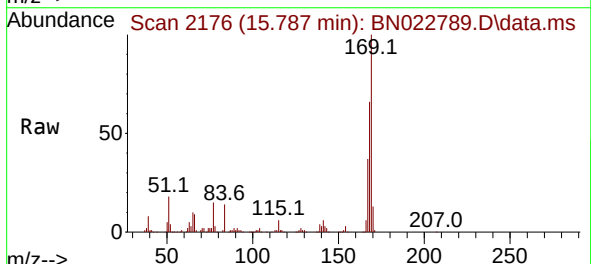
Instrument :
 BNA_N
 ClientSampleId :

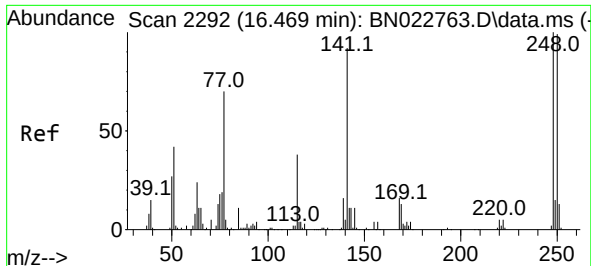
Tgt Ion:198 Resp: 61211
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.1 4.7
 77 33.0 27.3 40.9



#67
 N-Nitrosodiphenylamine
 Concen: 22.362 ng/ul
 RT: 15.787 min Scan# 2176
 Delta R.T. 0.000 min
 Lab File: BN022789.D
 Acq: 21 Nov 2022 16:22

Tgt Ion:169 Resp: 295238
 Ion Ratio Lower Upper
 169 100
 168 65.6 52.6 79.0
 167 36.6 30.0 45.0

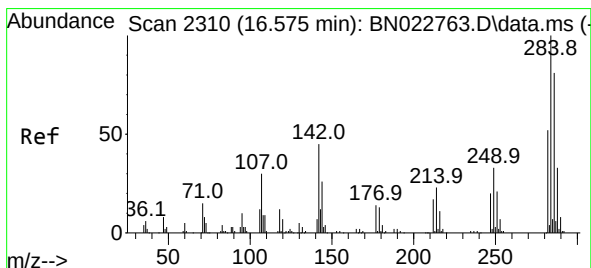
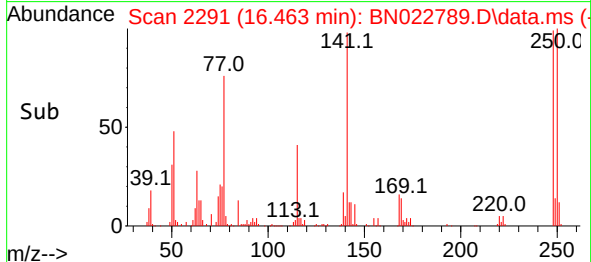
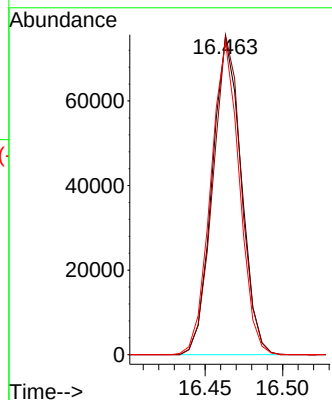
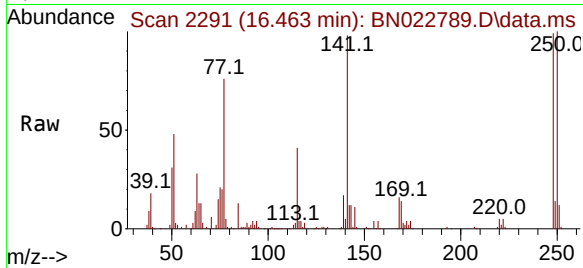




#68
4-Bromophenyl-phenylether
Concen: 22.533 ng/ul
RT: 16.463 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

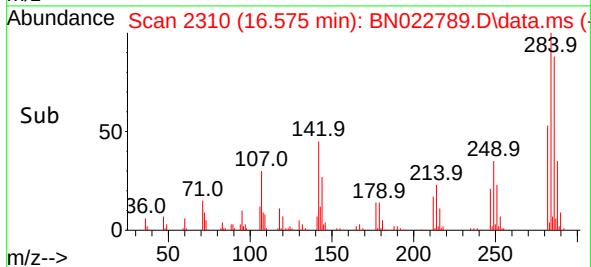
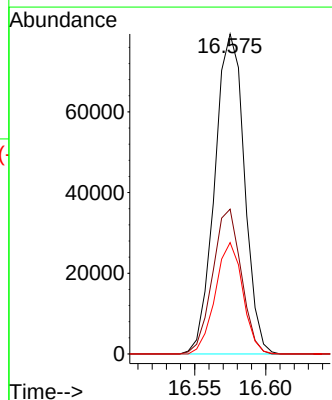
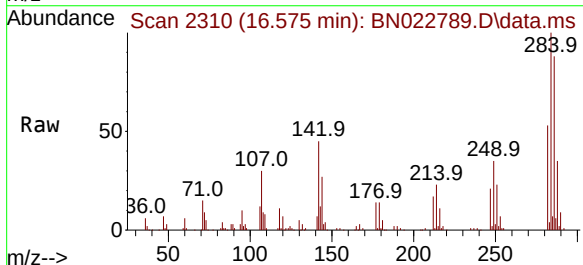
Instrument :
BNA_N
ClientSampleId :

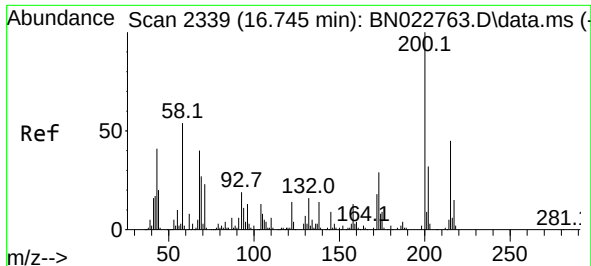
Tgt Ion:248 Resp: 97847
Ion Ratio Lower Upper
248 100
250 100.8 77.0 115.4
141 98.5 77.0 115.4



#69
Hexachlorobenzene
Concen: 22.695 ng/ul
RT: 16.575 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:284 Resp: 115201
Ion Ratio Lower Upper
284 100
142 45.2 37.9 56.9
249 34.8 28.6 43.0

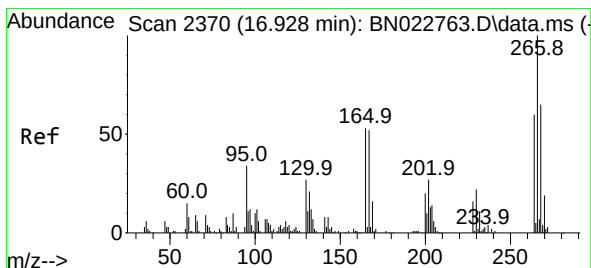
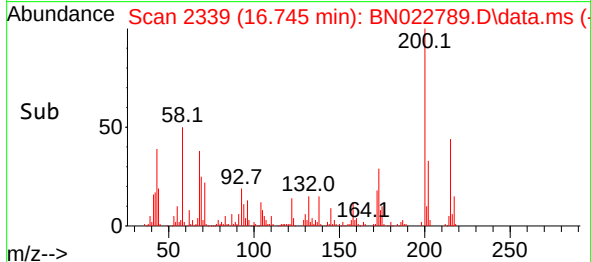
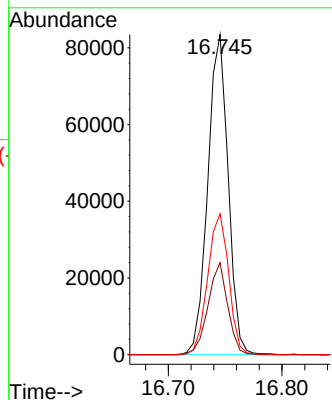
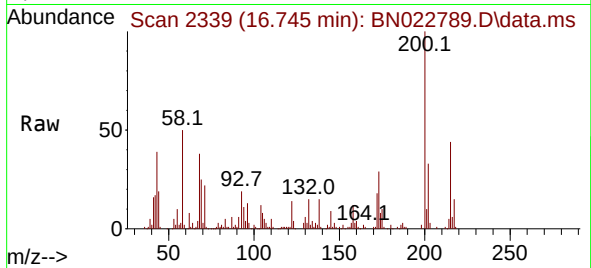




#70
Atrazine
Concen: 22.100 ng/ul
RT: 16.745 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

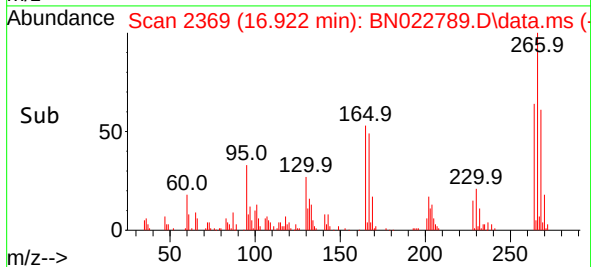
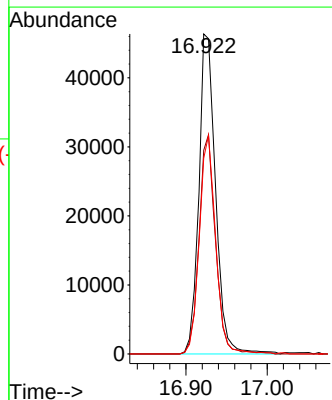
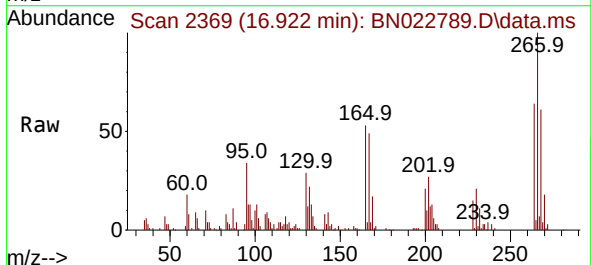
Instrument :
BNA_N
ClientSampleId :

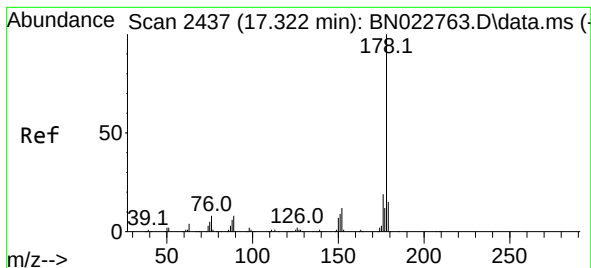
Tgt Ion:200 Resp: 104005
Ion Ratio Lower Upper
200 100
173 28.8 23.2 34.8
215 44.0 38.1 57.1



#71
Pentachlorophenol
Concen: 20.626 ng/ul
RT: 16.922 min Scan# 2369
Delta R.T. -0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:266 Resp: 66521
Ion Ratio Lower Upper
266 100
264 63.7 47.8 71.8
268 61.1 50.2 75.2





#72

Phenanthrene

Concen: 22.566 ng/u1

RT: 17.322 min Scan# 2437

Delta R.T. 0.006 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :

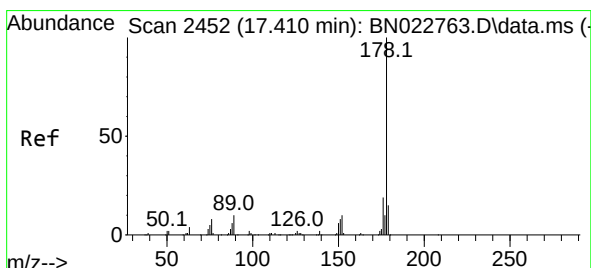
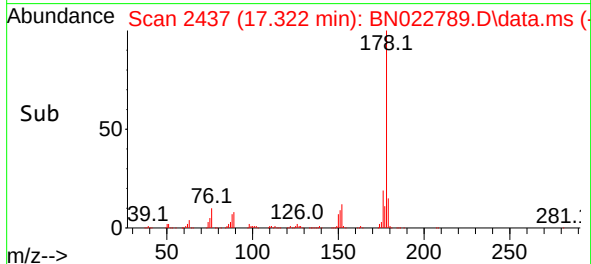
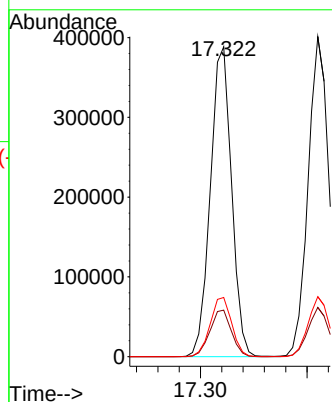
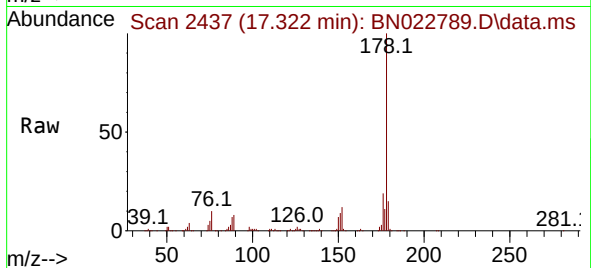
Tgt Ion:178 Resp: 536338

Ion Ratio Lower Upper

178 100

179 15.0 13.0 19.6

176 19.1 16.1 24.1



#74

Anthracene

Concen: 22.720 ng/u1

RT: 17.410 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

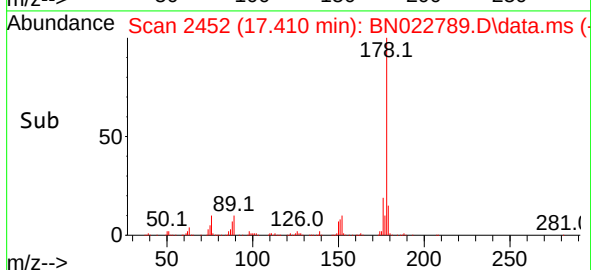
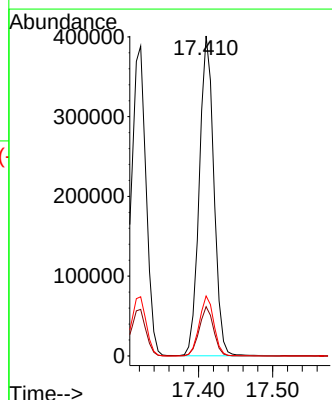
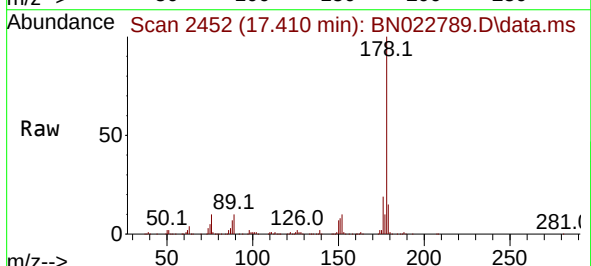
Tgt Ion:178 Resp: 546966

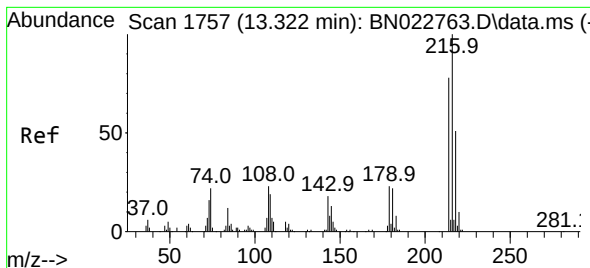
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.8 15.1 22.7

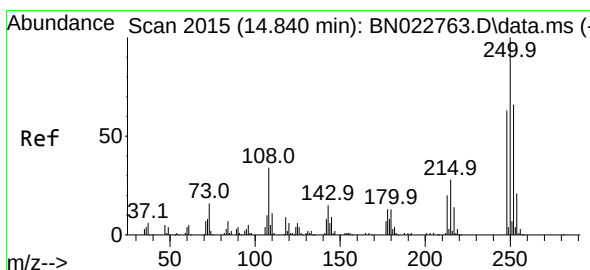
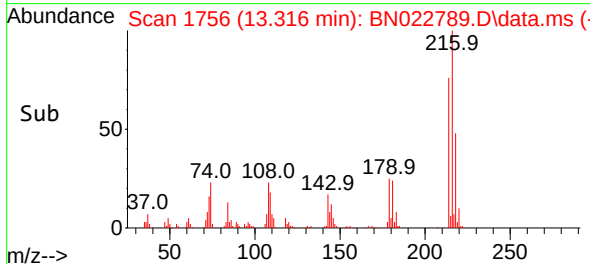
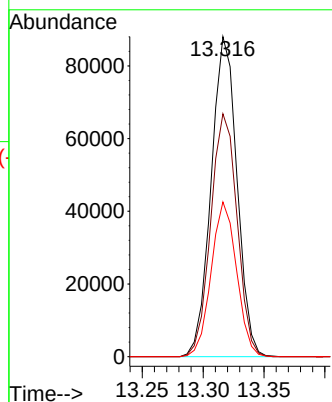
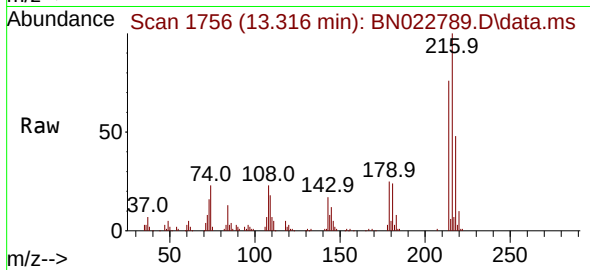




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.401 ng/uL
RT: 13.316 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

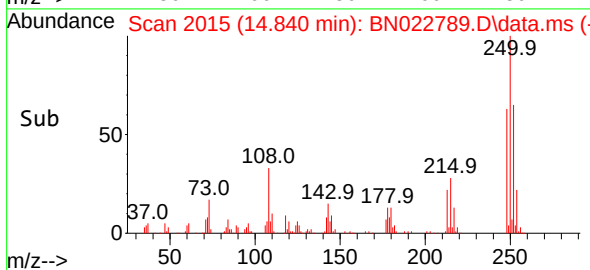
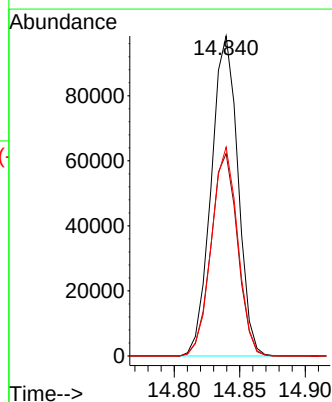
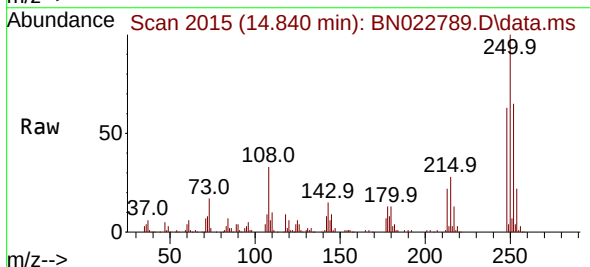
Instrument :
BNA_N
ClientSampleId :

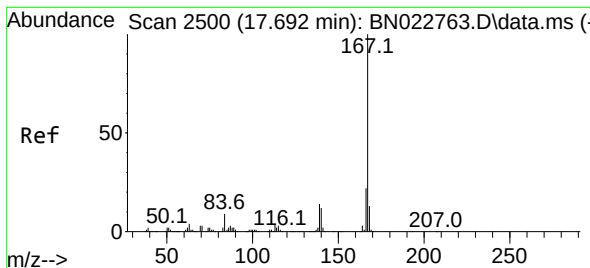
Tgt Ion:216 Resp: 130264
Ion Ratio Lower Upper
216 100
214 75.9 60.3 90.5
218 48.3 39.2 58.8



#76
Pentachlorobenzene
Concen: 22.191 ng/uL
RT: 14.840 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:250 Resp: 139268
Ion Ratio Lower Upper
250 100
248 63.3 50.7 76.1
252 65.3 51.0 76.4





#77

Carbazole

Concen: 22.343 ng/ul

RT: 17.687 min Scan# 2499

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :

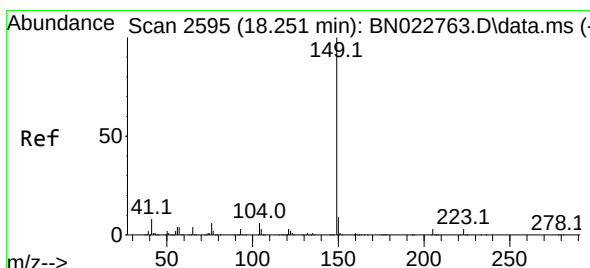
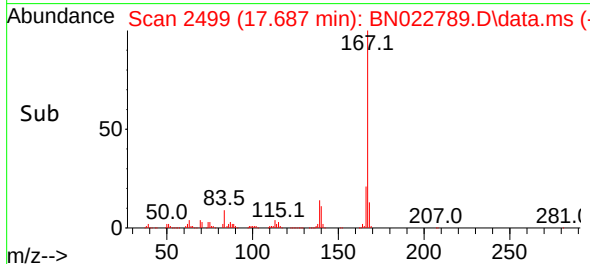
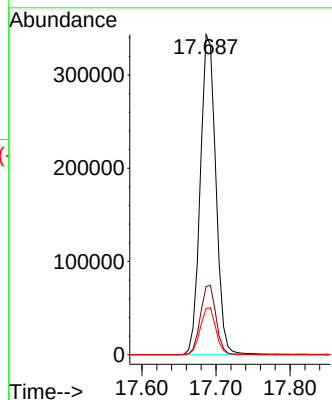
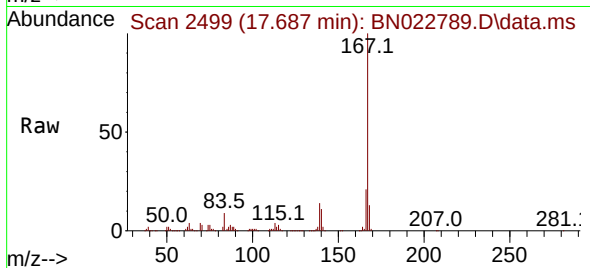
Tgt Ion:167 Resp: 499787

Ion Ratio Lower Upper

167 100

166 21.3 18.2 27.2

139 14.5 11.9 17.9



#78

Di-n-butylphthalate

Concen: 21.185 ng/ul

RT: 18.245 min Scan# 2594

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

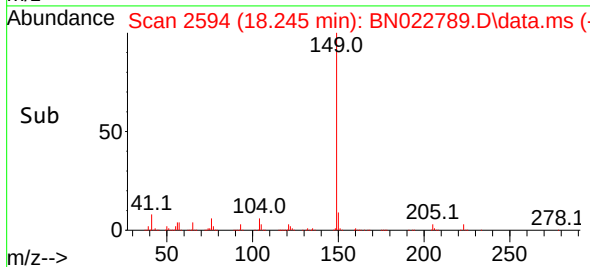
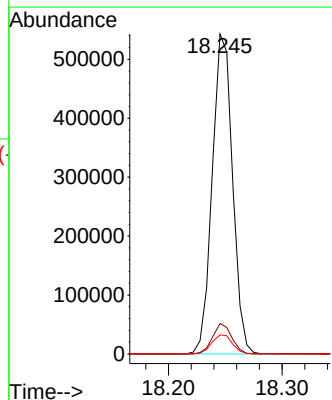
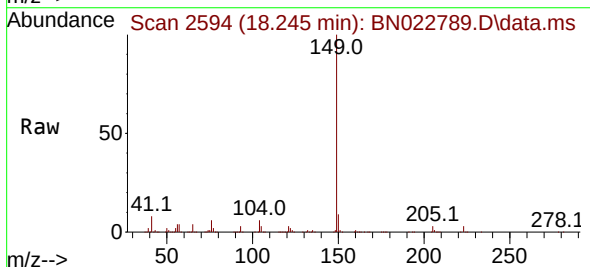
Tgt Ion:149 Resp: 674403

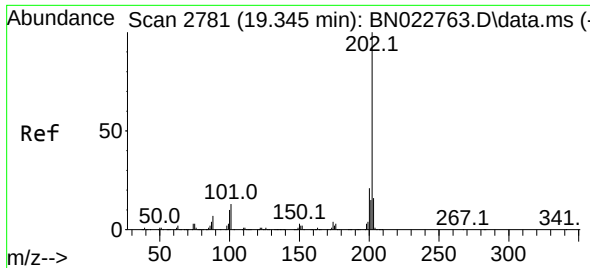
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 6.0 4.6 7.0

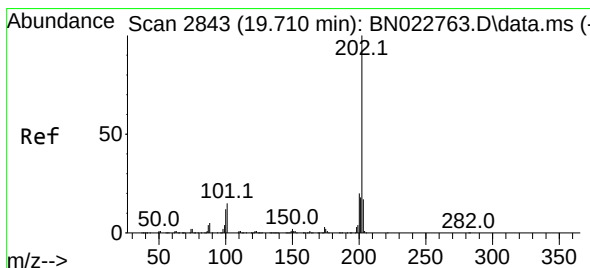
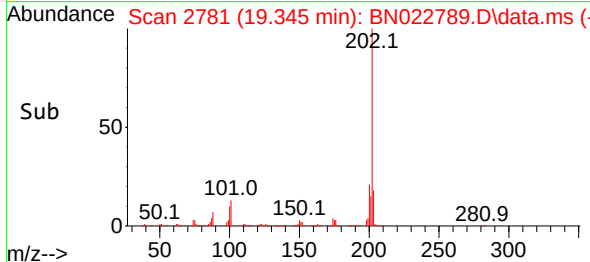
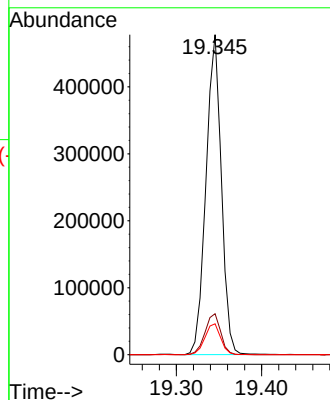
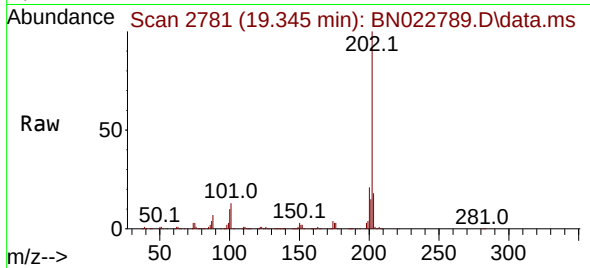




#80
Fluoranthene
Concen: 21.239 ng/ul
RT: 19.345 min Scan# 2781
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

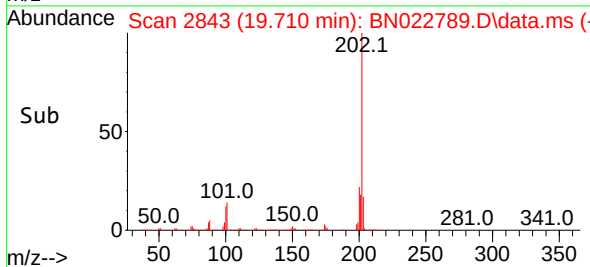
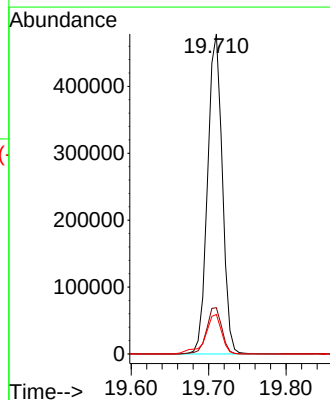
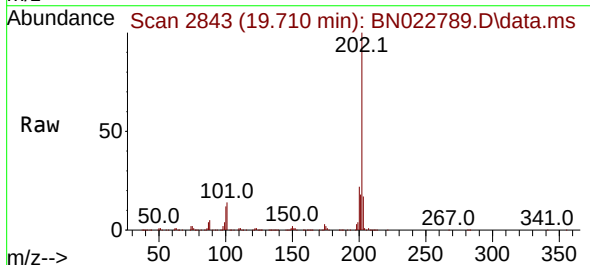
Instrument :
BNA_N
ClientSampleId :

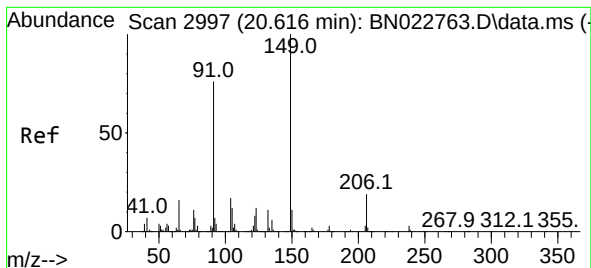
Tgt Ion:202 Resp: 597881
Ion Ratio Lower Upper
202 100
101 12.8 9.2 13.8
100 9.6 7.3 10.9



#82
Pyrene
Concen: 21.881 ng/ul
RT: 19.710 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:202 Resp: 630946
Ion Ratio Lower Upper
202 100
101 14.5 11.9 17.9
100 12.4 9.5 14.3





#83

Butylbenzylphthalate

Concen: 21.930 ng/ul

RT: 20.610 min Scan# 2996

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :

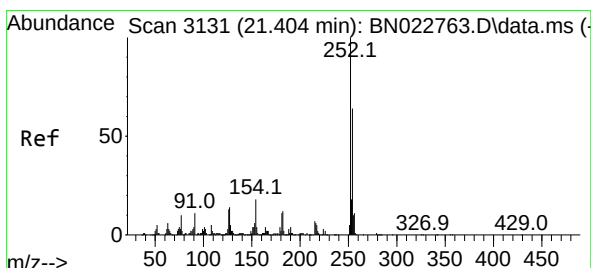
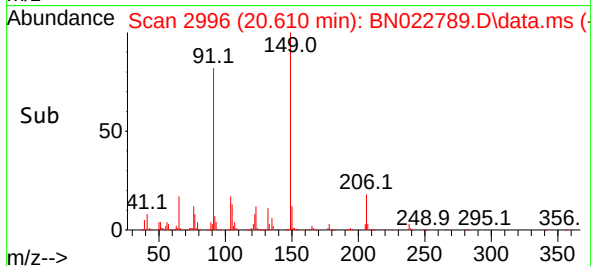
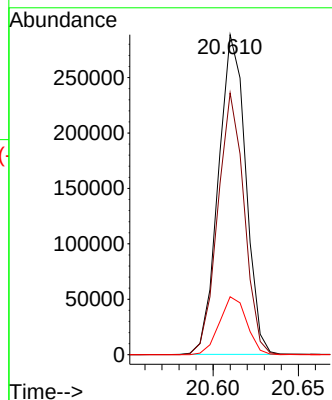
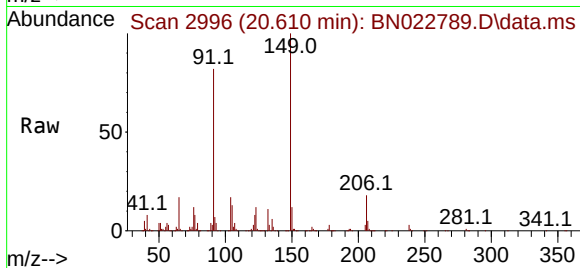
Tgt Ion:149 Resp: 321889

Ion Ratio Lower Upper

149 100

91 81.8 63.4 95.2

206 18.1 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 23.727 ng/ul

RT: 21.398 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

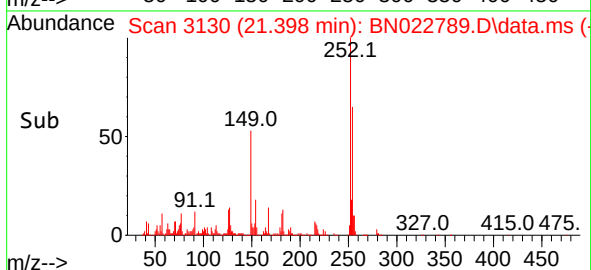
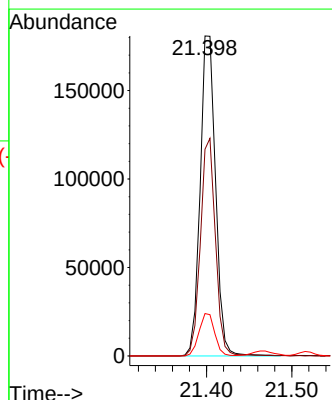
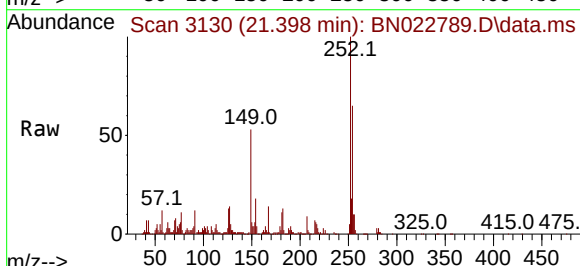
Tgt Ion:252 Resp: 227848

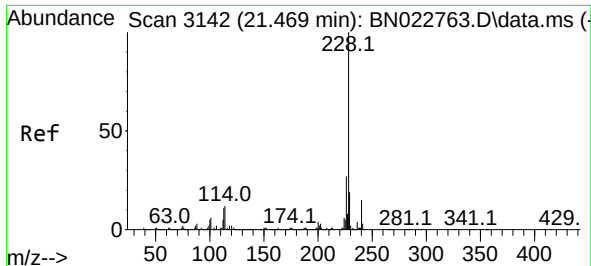
Ion Ratio Lower Upper

252 100

254 64.6 49.0 73.6

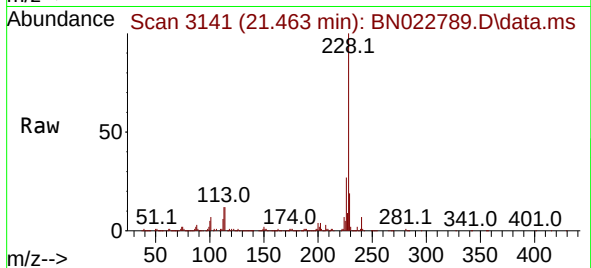
126 13.3 11.4 17.0



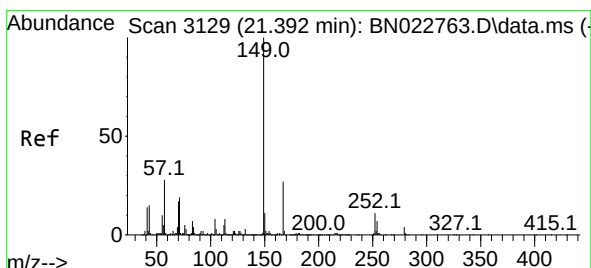
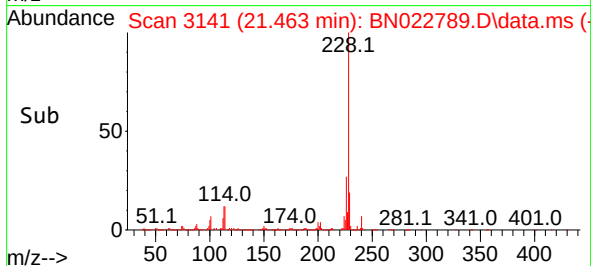
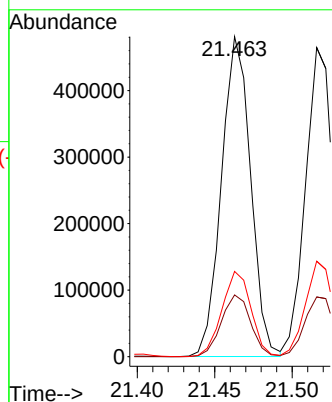


#85
Benzo(a)anthracene
Concen: 21.906 ng/ul
RT: 21.463 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Instrument :
BNA_N
ClientSampleId :

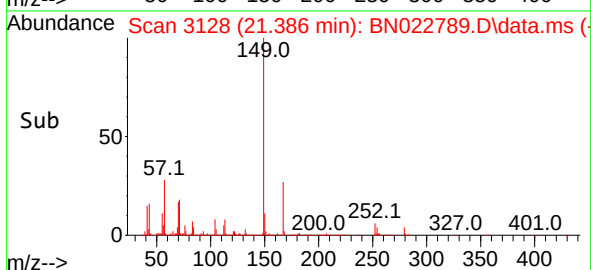
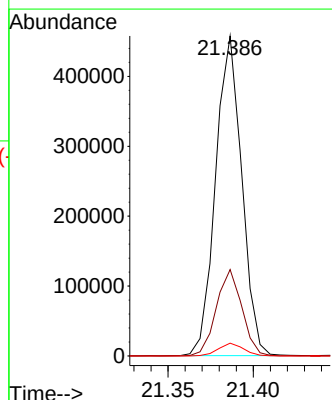
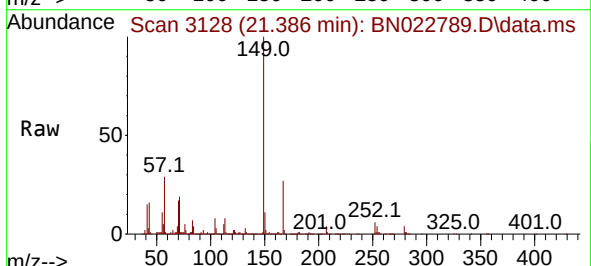


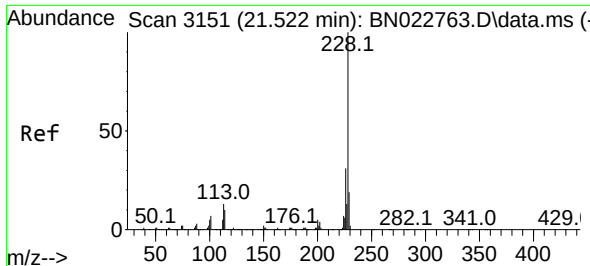
Tgt Ion:228 Resp: 629595
Ion Ratio Lower Upper
228 100
229 19.3 16.0 24.0
226 26.7 22.6 33.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.536 ng/ul
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:149 Resp: 488230
Ion Ratio Lower Upper
149 100
167 27.0 20.7 31.1
279 4.0 2.9 4.3

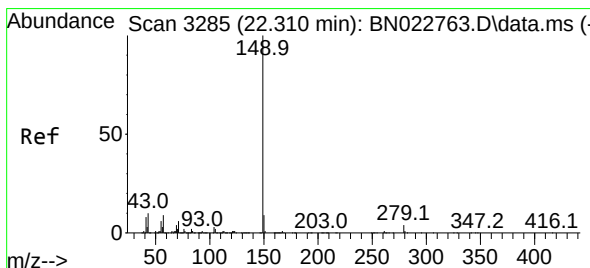
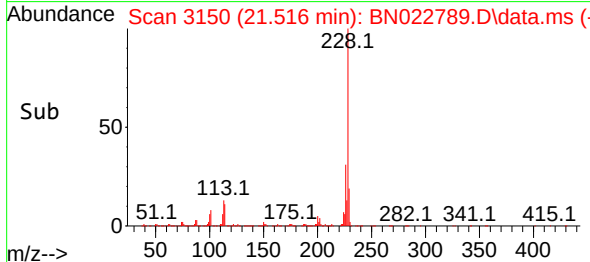
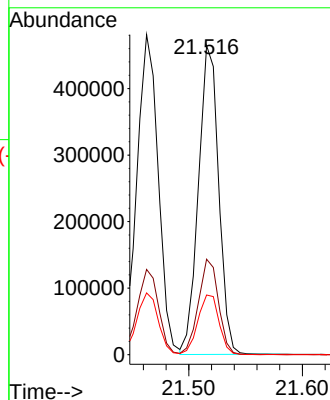
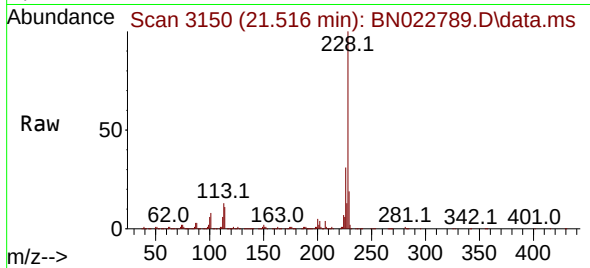




#87
Chrysene
Concen: 21.148 ng/ul
RT: 21.516 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

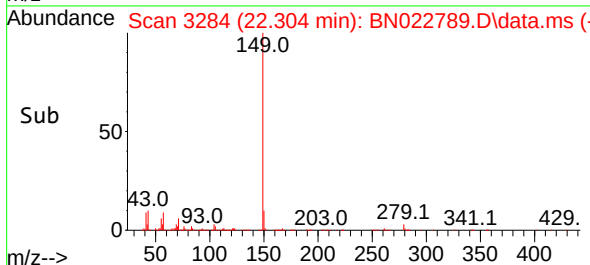
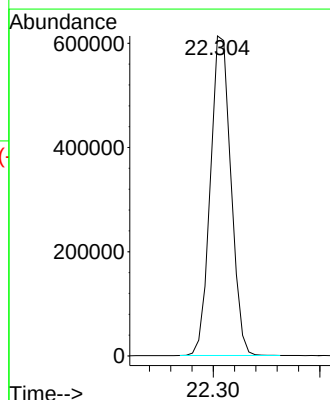
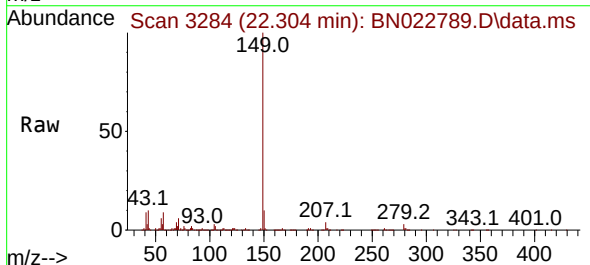
Instrument :
BNA_N
ClientSampleId :

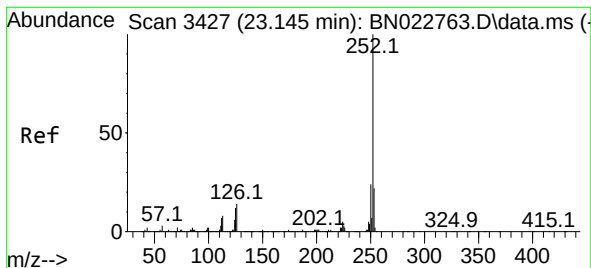
Tgt Ion:228 Resp: 575575
Ion Ratio Lower Upper
228 100
226 30.9 22.6 34.0
229 19.3 14.8 22.2



#89
Di-n-octyl phthalate
Concen: 21.278 ng/ul
RT: 22.304 min Scan# 3284
Delta R.T. -0.006 min
Lab File: BN022789.D
Acq: 21 Nov 2022 16:22

Tgt Ion:149 Resp: 823996





#90

Benzo(b)fluoranthene

Concen: 21.560 ng/ul

RT: 23.139 min Scan# 3427

Delta R.T. -0.006 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :

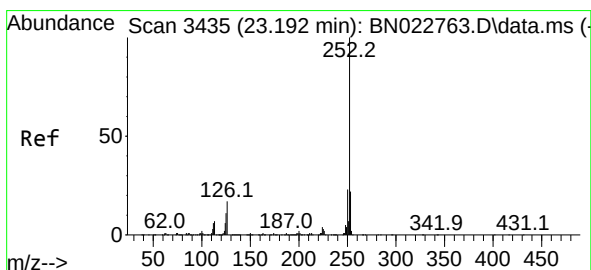
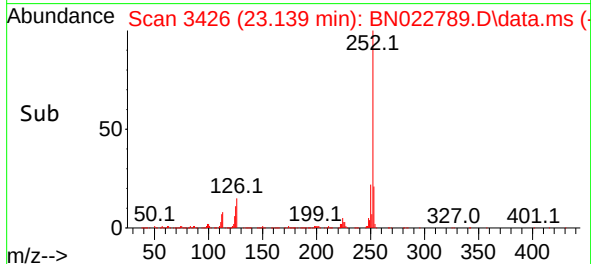
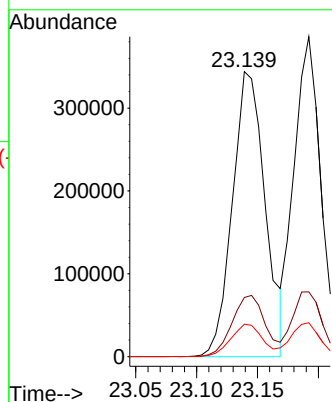
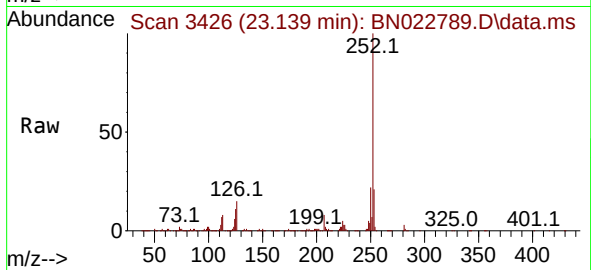
Tgt Ion:252 Resp: 643344

Ion Ratio Lower Upper

252 100

253 20.8 16.2 24.2

125 11.4 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 20.980 ng/ul

RT: 23.192 min Scan# 3435

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

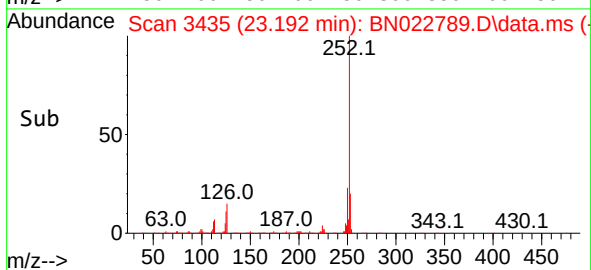
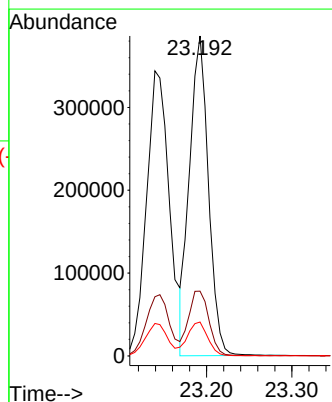
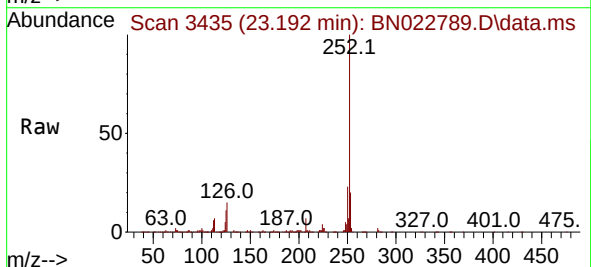
Tgt Ion:252 Resp: 594232

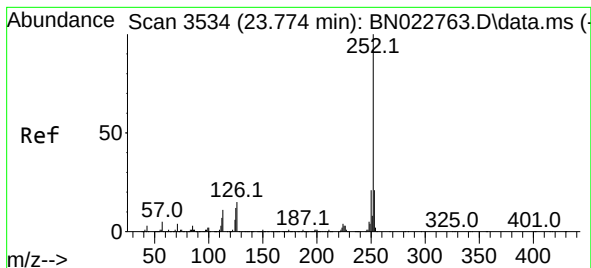
Ion Ratio Lower Upper

252 100

253 20.2 16.2 24.4

125 10.6 9.0 13.6





#93

Benzo(a)pyrene

Concen: 21.146 ng/ul

RT: 23.769 min Scan# 3

Delta R.T. 0.000 min

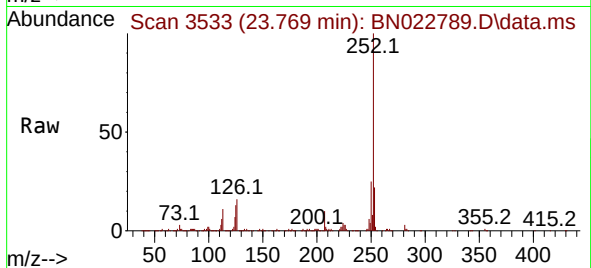
Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :



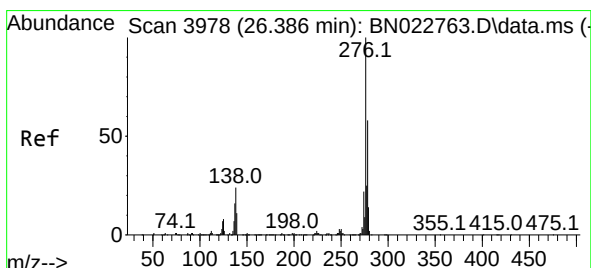
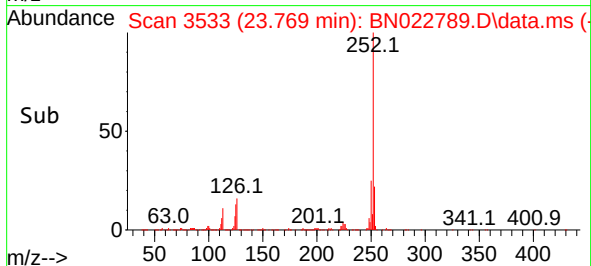
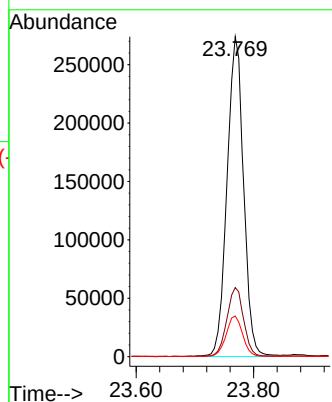
Tgt Ion:252 Resp: 534836

Ion Ratio Lower Upper

252 100

253 21.6 15.4 23.2

125 12.7 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.013 ng/ul

RT: 26.380 min Scan# 3977

Delta R.T. -0.006 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

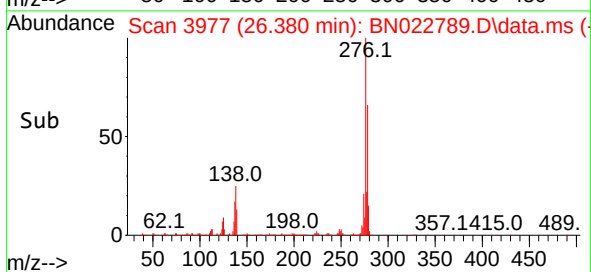
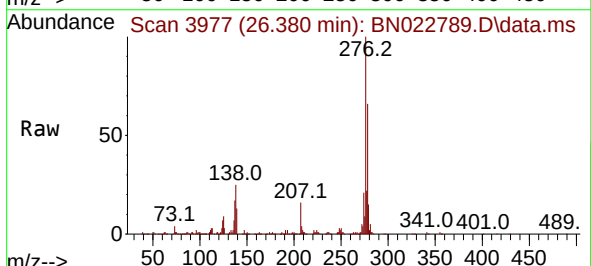
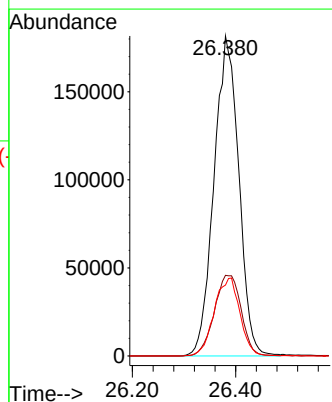
Tgt Ion:276 Resp: 604433

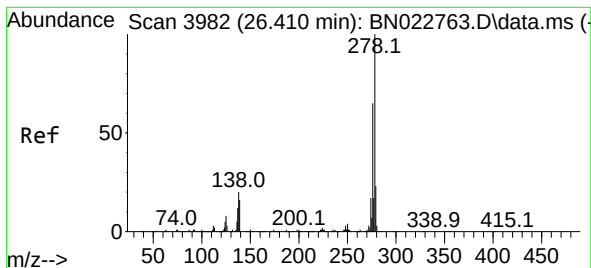
Ion Ratio Lower Upper

276 100

138 25.2 21.3 31.9

277 22.1 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 21.269 ng/ul

RT: 26.398 min Scan# 3980

Delta R.T. 0.000 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Instrument :

BNA_N

ClientSampleId :

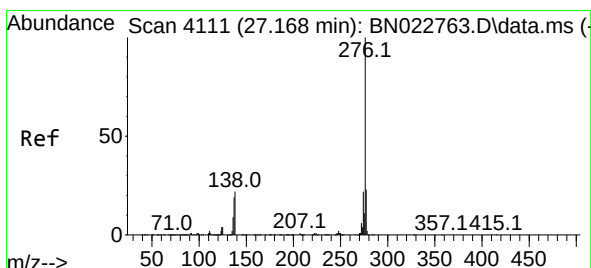
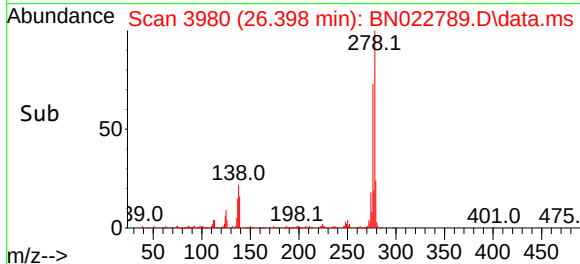
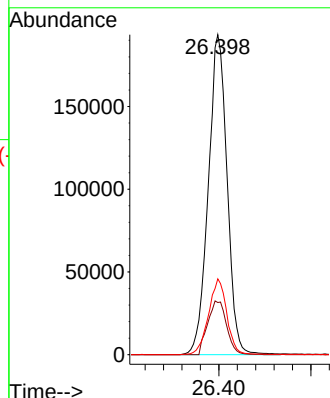
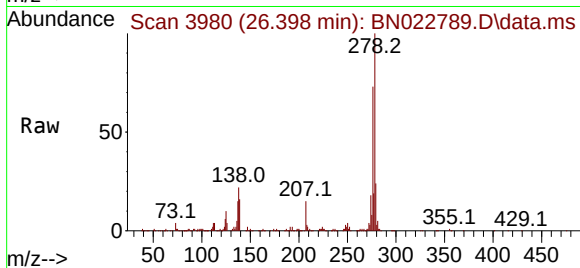
Tgt Ion:278 Resp: 548334

Ion Ratio Lower Upper

278 100

139 16.3 14.4 21.6

279 23.7 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 20.204 ng/ul

RT: 27.151 min Scan# 4108

Delta R.T. -0.006 min

Lab File: BN022789.D

Acq: 21 Nov 2022 16:22

Tgt Ion:276 Resp: 506734

Ion Ratio Lower Upper

276 100

138 23.3 18.6 27.8

277 24.0 18.0 27.0

