

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134300.D
 Acq On : 14 Jul 2023 20:46
 Operator : CG\JU
 Sample : 03564-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225MS

Quant Time: Jul 15 01:05:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	77217	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	286455	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	134948	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	254260	20.000	ng	0.00
76) Chrysene-d12	14.045	240	164380	20.000	ng	0.00
86) Perylene-d12	15.551	264	138845	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	412297	89.317	ng	0.01
7) Phenol-d6	6.486	99	500800	88.217	ng	0.00
23) Nitrobenzene-d5	7.410	82	333267	62.714	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	163644	96.718	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	618883	66.677	ng	0.00
79) Terphenyl-d14	12.974	244	625527	61.244	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	74269	39.020	ng	98
3) Pyridine	3.422	79	167110	33.707	ng	97
4) n-Nitrosodimethylamine	3.387	42	116259	41.058	ng	95
6) Aniline	6.510	93	206831	29.940	ng	# 88
8) 2-Chlorophenol	6.633	128	210274	44.874	ng	96
9) Benzaldehyde	6.398	77	140302	47.168	ng	96
10) Phenol	6.498	94	257916	43.210	ng	91
11) bis(2-Chloroethyl)ether	6.581	93	200622	45.654	ng	96
12) 1,3-Dichlorobenzene	6.781	146	227085	45.456	ng	97
13) 1,4-Dichlorobenzene	6.863	146	229371	45.457	ng	99
14) 1,2-Dichlorobenzene	7.010	146	219753	46.501	ng	99
15) Benzyl Alcohol	6.992	79	208457	47.632	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	302533	38.915	ng	93
17) 2-Methylphenol	7.104	107	177047	42.193	ng	95
18) Hexachloroethane	7.351	117	88976	47.556	ng	100
19) n-Nitroso-di-n-propyla...	7.257	70	164918	45.809	ng	98
20) 3+4-Methylphenols	7.257	107	218446	42.912	ng	92
22) Acetophenone	7.251	105	304861	46.796	ng	96
24) Nitrobenzene	7.428	77	232032	43.209	ng	96
25) Isophorone	7.663	82	417452	43.224	ng	97
26) 2-Nitrophenol	7.745	139	117422	45.582	ng	96
27) 2,4-Dimethylphenol	7.780	122	181652	44.548	ng	94
28) bis(2-Chloroethoxy)met...	7.875	93	238642	42.674	ng	98
29) 2,4-Dichlorophenol	7.986	162	175849	43.489	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	191475	45.892	ng	99
31) Naphthalene	8.145	128	598797	43.276	ng	100
32) Benzoic acid	7.916	122	130285	42.639	ng	95
33) 4-Chloroaniline	8.198	127	130308	22.016	ng	100
34) Hexachlorobutadiene	8.257	225	125299	47.608	ng	100
35) Caprolactam	8.575	113	50463	37.903	ng	95
36) 4-Chloro-3-methylphenol	8.686	107	199495	43.918	ng	99
37) 2-Methylnaphthalene	8.839	142	401245	41.007	ng	99
38) 1-Methylnaphthalene	8.939	142	376753	41.418	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	193718	48.453	ng	99
41) Hexachlorocyclopentadiene	8.986	237	96440	50.845	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	125211	46.006	ng	94

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 QLast Update : Fri Jul 14 22:51:27 2023
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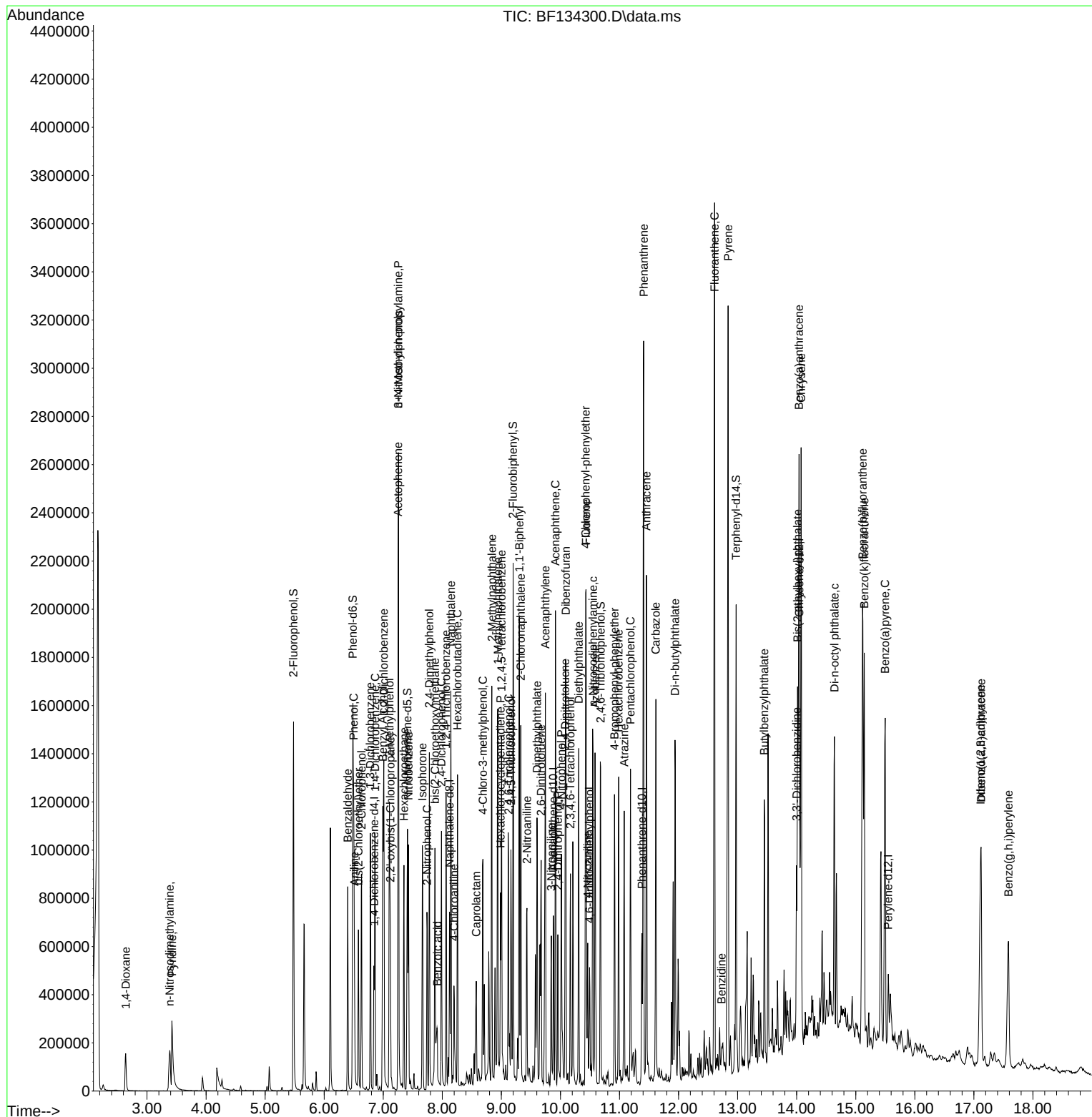
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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46) 1,1'-Biphenyl	9.304	154	508592	46.983	ng	98
47) 2-Chloronaphthalene	9.327	162	374940	47.339	ng	98
48) 2-Nitroaniline	9.433	65	129087	44.720	ng	94
49) Acenaphthylene	9.745	152	611728	45.213	ng	99
50) Dimethylphthalate	9.604	163	443122	45.235	ng	99
51) 2,6-Dinitrotoluene	9.674	165	93178	44.163	ng	92
52) Acenaphthene	9.916	154	398221	50.724	ng	99
53) 3-Nitroaniline	9.845	138	86016	33.983	ng	98
54) 2,4-Dinitrophenol	9.957	184	70064	58.588	ng	96
55) Dibenzofuran	10.092	168	583174	47.530	ng	100
56) 4-Nitrophenol	10.016	139	143655	81.138	ng	93
57) 2,4-Dinitrotoluene	10.080	165	124023	44.511	ng #	85
58) Fluorene	10.433	166	499050	52.281	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	105771	41.885	ng	92
60) Diethylphthalate	10.310	149	466773	45.736	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	209585	45.560	ng	99
62) 4-Nitroaniline	10.463	138	95413	37.404	ng	91
63) Azobenzene	10.586	77	459289	47.576	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	49449	35.672	ng #	71
66) n-Nitrosodiphenylamine	10.551	169	375601	46.235	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	128380	47.504	ng #	90
68) Hexachlorobenzene	10.986	284	143113	49.876	ng	96
69) Atrazine	11.080	200	123151	54.805	ng	94
70) Pentachlorophenol	11.186	266	136473	79.545	ng	99
71) Phenanthrene	11.410	178	1226329	95.808	ng	99
72) Anthracene	11.457	178	749236	56.277	ng	100
73) Carbazole	11.616	167	598058	49.078	ng	98
74) Di-n-butylphthalate	11.939	149	706473	48.752	ng	99
75) Fluoranthene	12.610	202	1622987	117.286	ng	98
77) Benzidine	12.727	184	40161	10.268	ng	96
78) Pyrene	12.839	202	1431721	93.590	ng	100
80) Butylbenzylphthalate	13.451	149	254697	44.392	ng	97
81) Benzo(a)anthracene	14.039	228	1077392	94.508	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	150897	41.779	ng	99
83) Chrysene	14.074	228	1023420	92.687	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	349615	53.031	ng	100
85) Di-n-octyl phthalate	14.639	149	607209	62.683	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	604670	62.761	ng	95
88) Benzo(b)fluoranthene	15.115	252	1317977	161.434	ng	98
89) Benzo(k)fluoranthene	15.145	252	609050	73.270	ng	97
90) Benzo(a)pyrene	15.498	252	744027	94.244	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	368378	46.812	ng	97
92) Benzo(g,h,i)perylene	17.586	276	501346	61.779	ng #	96

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

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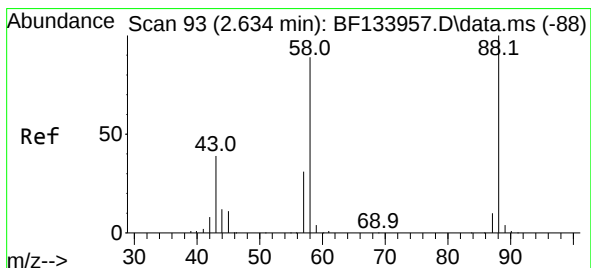
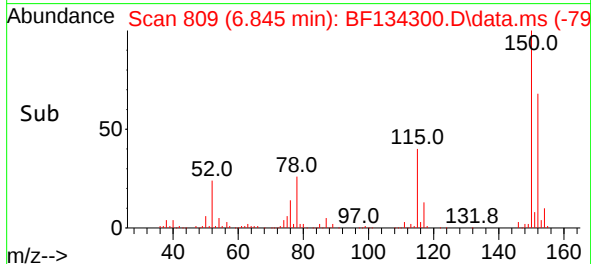
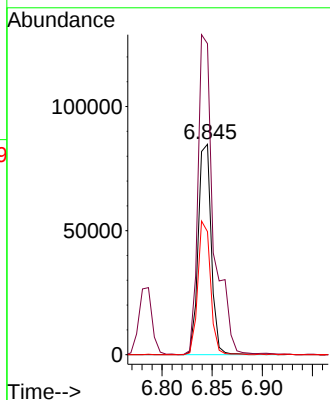
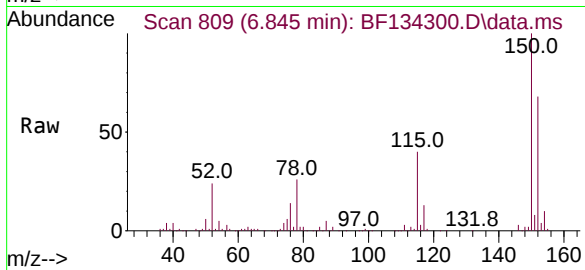




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134300.D
 Acq: 14 Jul 2023 20:46

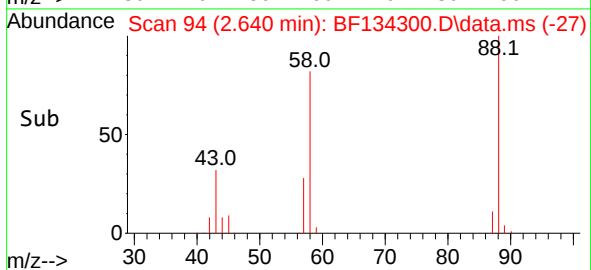
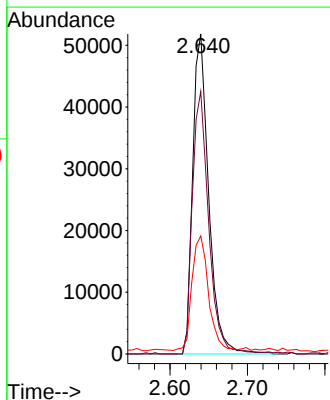
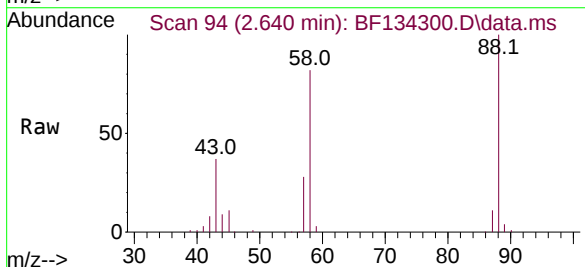
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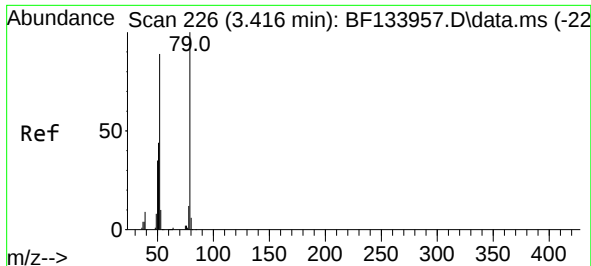
Tgt Ion:152 Resp: 77217
 Ion Ratio Lower Upper
 152 100
 150 147.9 124.5 186.7
 115 58.5 50.2 75.2



#2
 1,4-Dioxane
 Concen: 39.020 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.047 min
 Lab File: BF134300.D
 Acq: 14 Jul 2023 20:46

Tgt Ion: 88 Resp: 74269
 Ion Ratio Lower Upper
 88 100
 58 84.4 68.8 103.2
 43 36.9 30.7 46.1

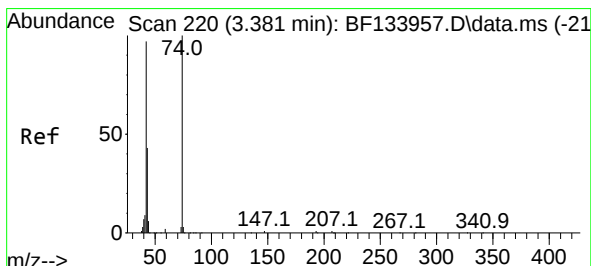
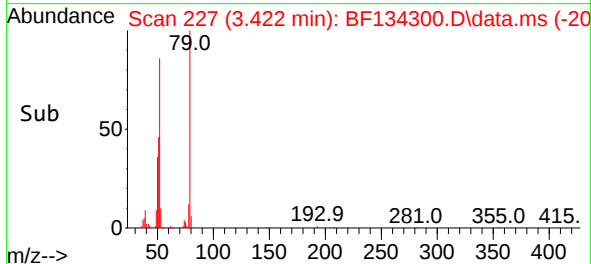
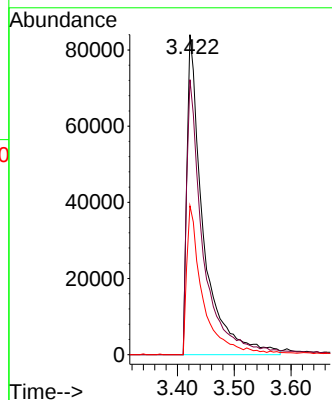
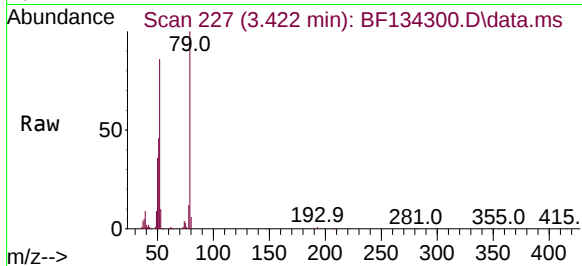




#3
 Pyridine
 Concen: 33.707 ng
 RT: 3.422 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF134300.D
 Acq: 14 Jul 2023 20:46

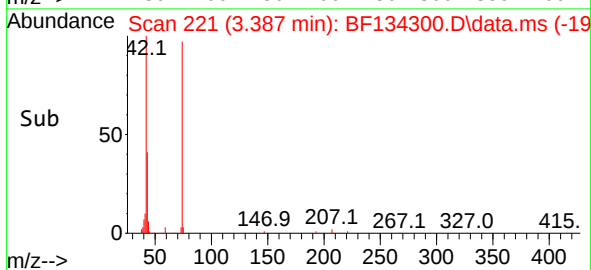
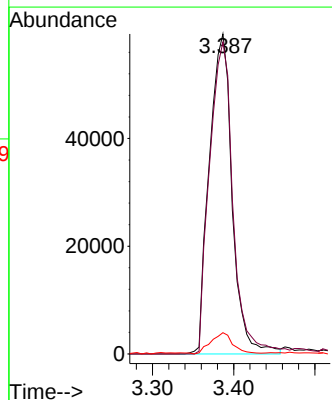
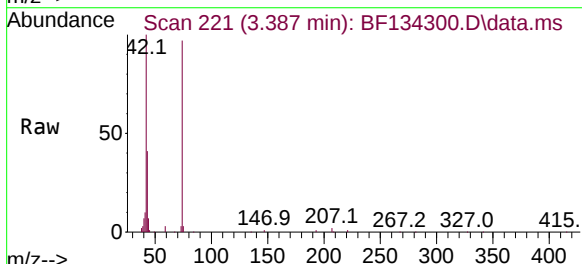
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225MS

Tgt Ion: 79 Resp: 167110
 Ion Ratio Lower Upper
 79 100
 52 86.0 71.1 106.7
 51 46.5 35.2 52.8



#4
 n-Nitrosodimethylamine
 Concen: 41.058 ng
 RT: 3.387 min Scan# 221
 Delta R.T. 0.047 min
 Lab File: BF134300.D
 Acq: 14 Jul 2023 20:46

Tgt Ion: 42 Resp: 116259
 Ion Ratio Lower Upper
 42 100
 74 97.5 82.4 123.6
 44 6.6 4.9 7.3

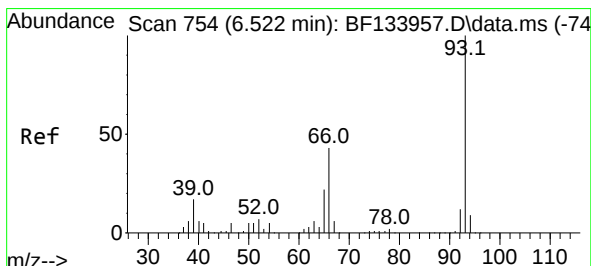
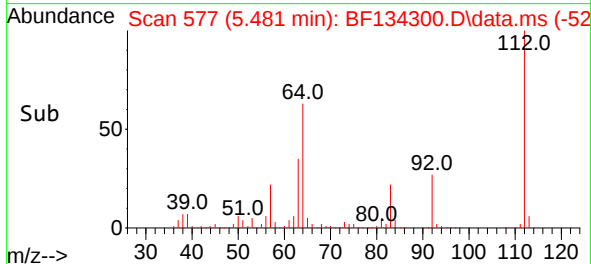
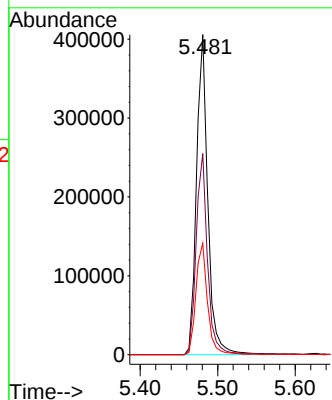
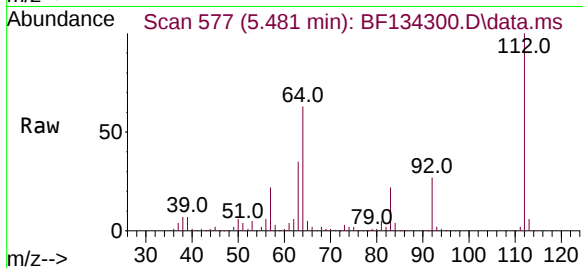




#5
2-Fluorophenol
Concen: 89.317 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

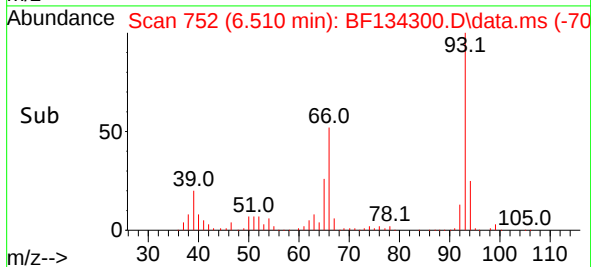
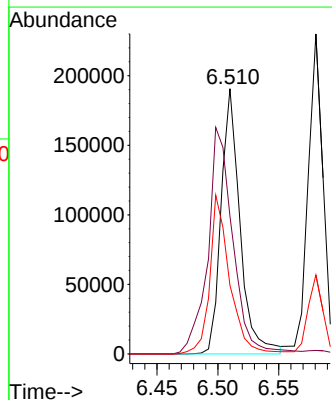
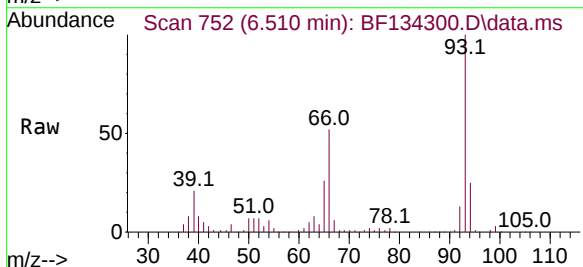
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

Tgt Ion:112 Resp: 412297
Ion Ratio Lower Upper
112 100
64 62.9 52.1 78.1
63 34.9 28.6 42.8



#6
Aniline
Concen: 29.940 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion: 93 Resp: 206831
Ion Ratio Lower Upper
93 100
66 51.9 34.5 51.7#
65 25.8 17.8 26.6

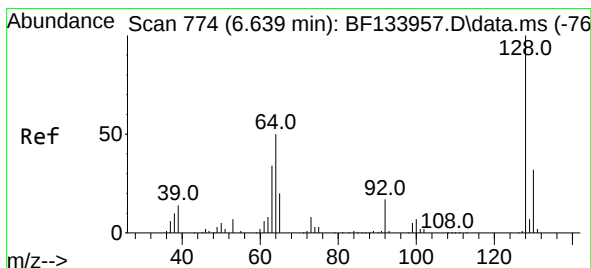
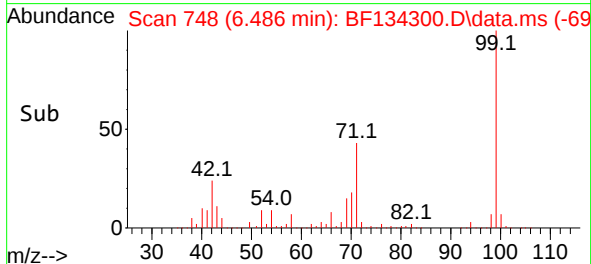
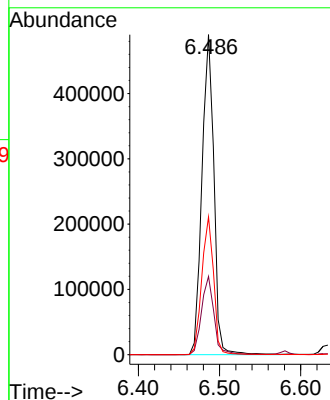
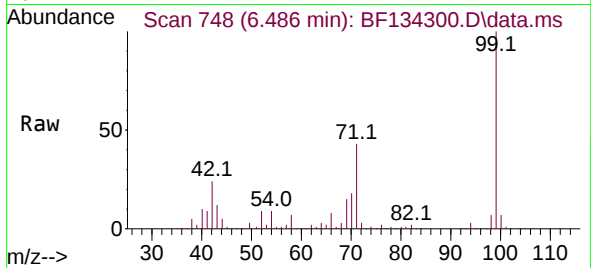




#7
Phenol-d6
Concen: 88.217 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

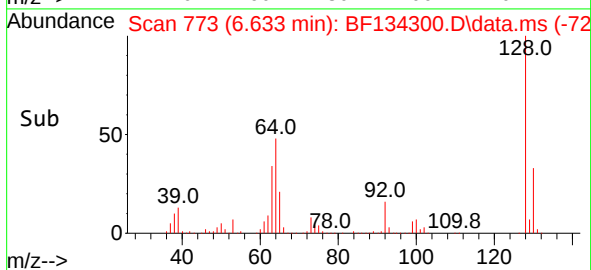
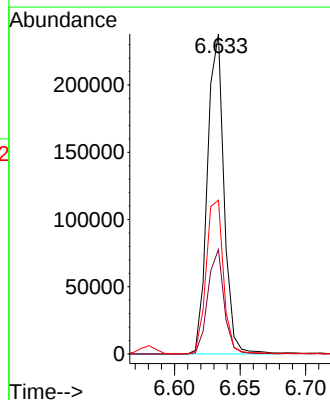
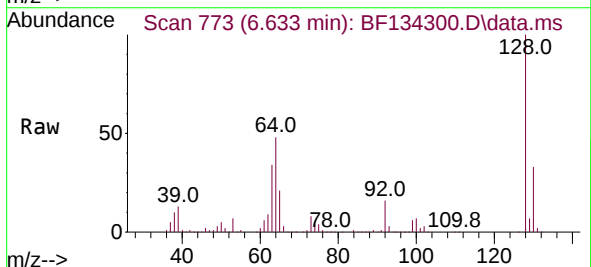
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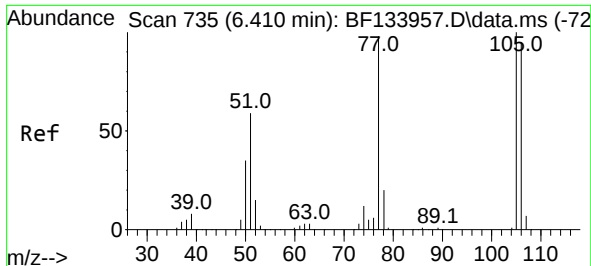
Tgt Ion: 99 Resp: 500800
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 43.1 31.9 47.9



#8
2-Chlorophenol
Concen: 44.874 ng
RT: 6.633 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion: 128 Resp: 210274
Ion Ratio Lower Upper
128 100
130 32.7 11.7 51.7
64 48.0 31.3 71.3





#9

Benzaldehyde

Concen: 47.168 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

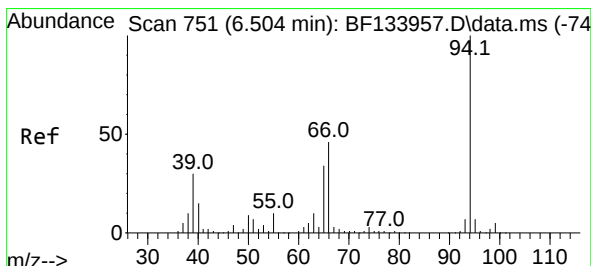
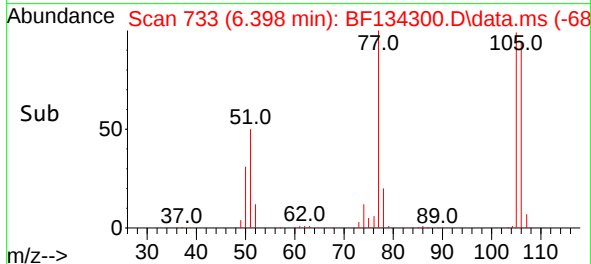
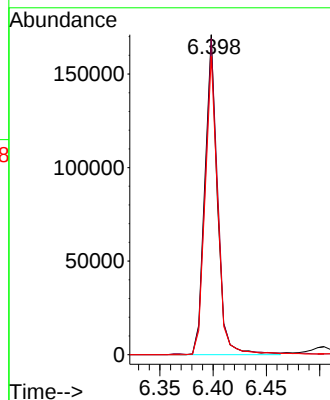
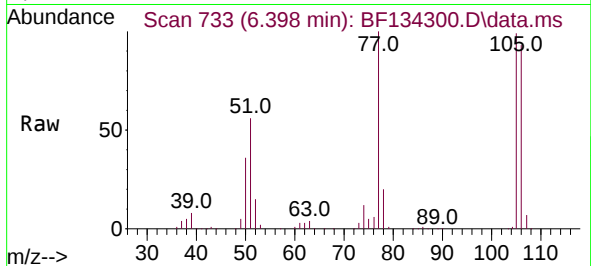
Tgt Ion: 77 Resp: 140302

Ion Ratio Lower Upper

77 100

105 98.7 82.0 122.0

106 93.2 76.9 116.9



#10

Phenol

Concen: 43.210 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

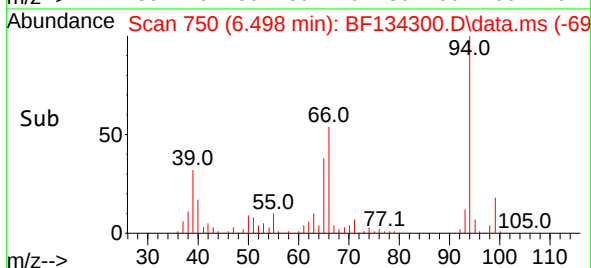
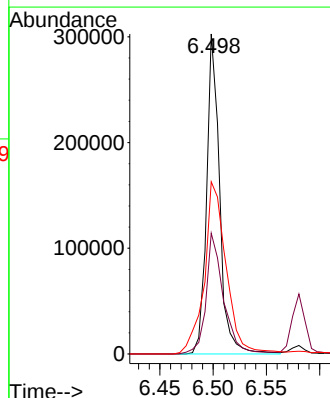
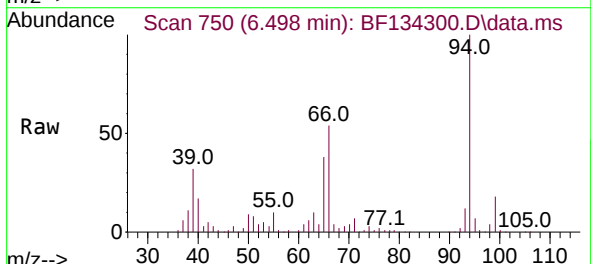
Tgt Ion: 94 Resp: 257916

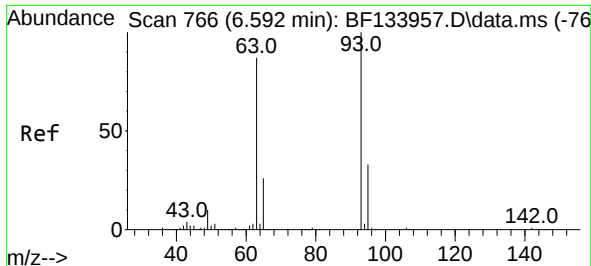
Ion Ratio Lower Upper

94 100

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66 53.8 26.4 66.4

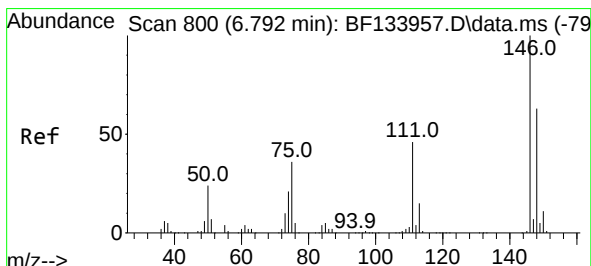
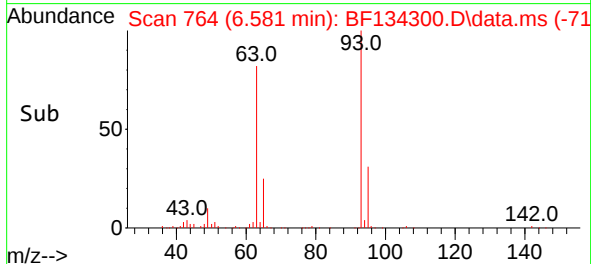
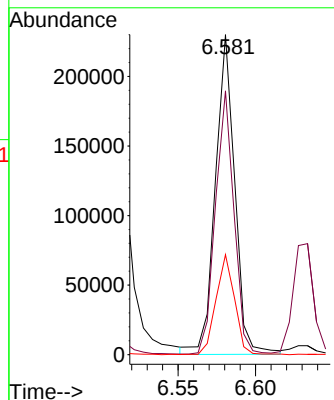
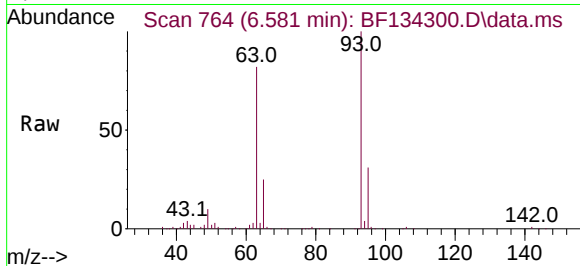




#11
bis(2-Chloroethyl)ether
Concen: 45.654 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

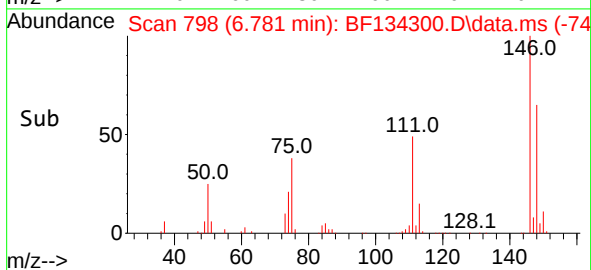
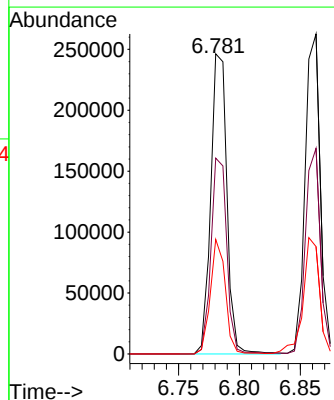
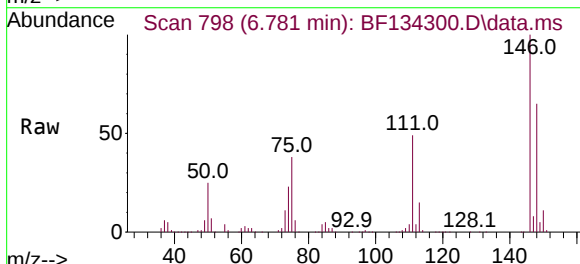
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

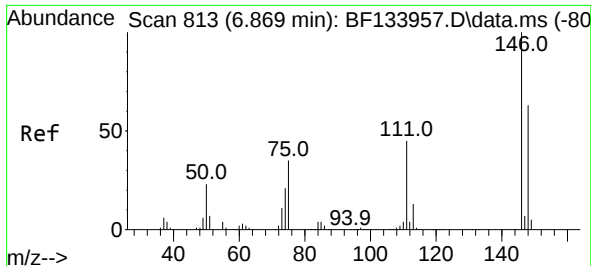
Tgt Ion: 93 Resp: 200622
Ion Ratio Lower Upper
93 100
63 82.4 66.5 106.5
95 31.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 45.456 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:146 Resp: 227085
Ion Ratio Lower Upper
146 100
148 65.3 50.5 75.7
75 38.2 29.0 43.6

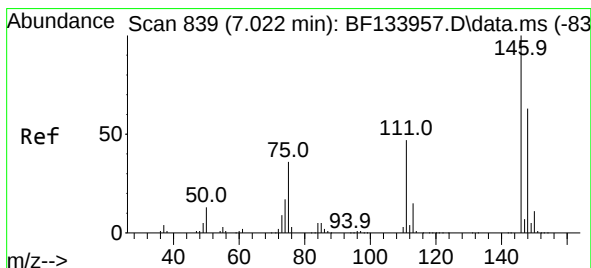
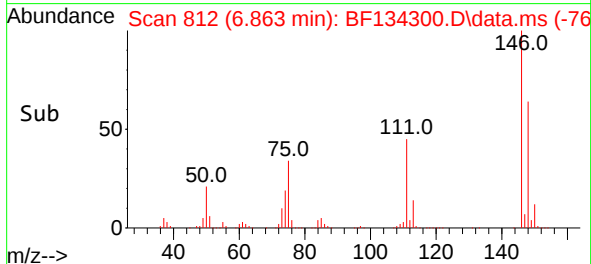
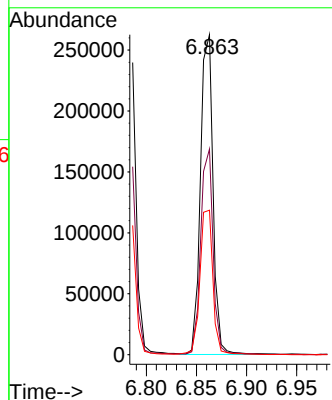
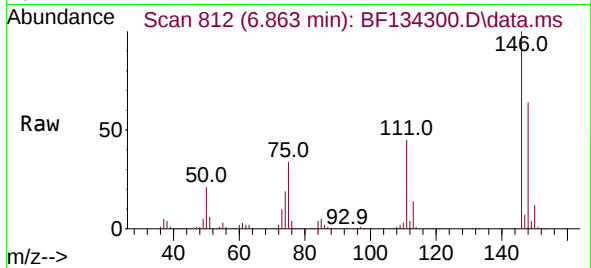




#13
1,4-Dichlorobenzene
Concen: 45.457 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

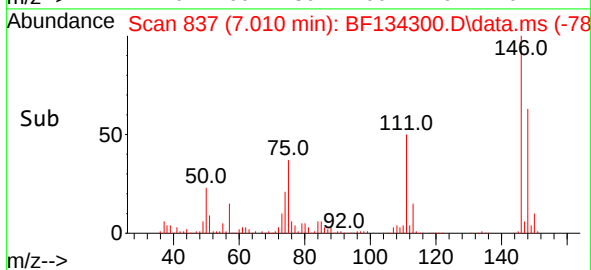
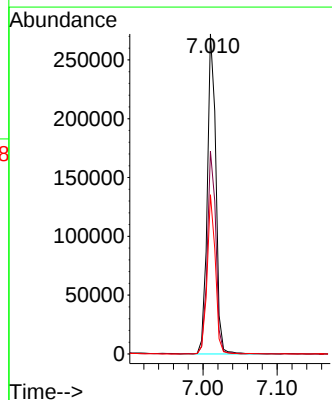
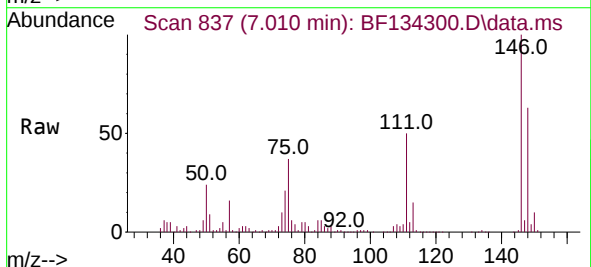
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

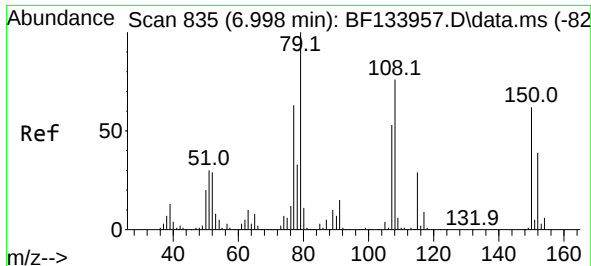
Tgt Ion:146 Resp: 229371
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.2
111 45.2 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 46.501 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:146 Resp: 219753
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
111 49.8 38.0 57.0

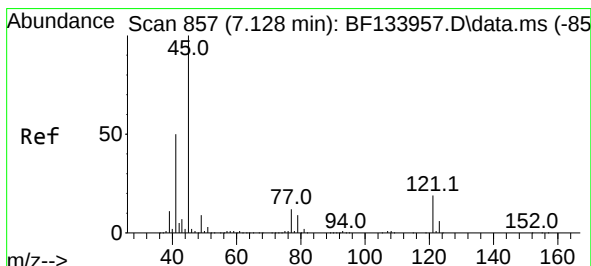
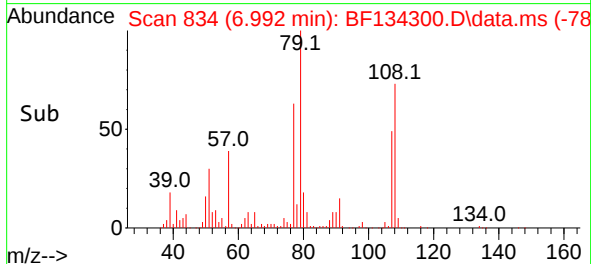
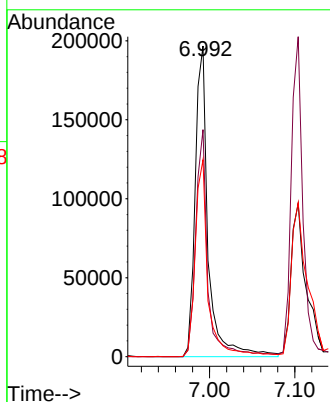
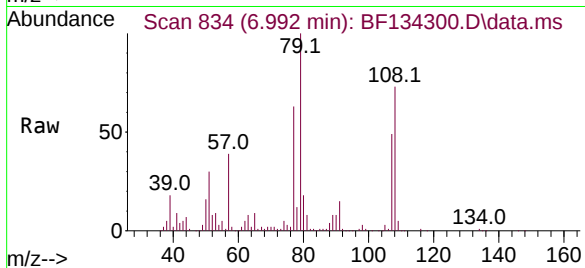




#15
Benzyl Alcohol
Concen: 47.632 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

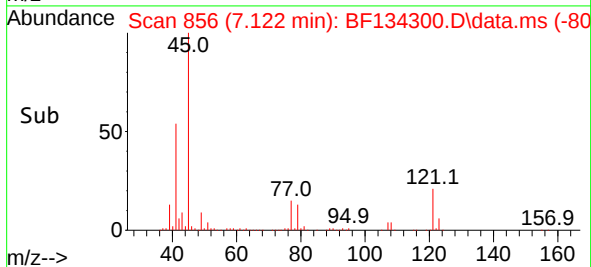
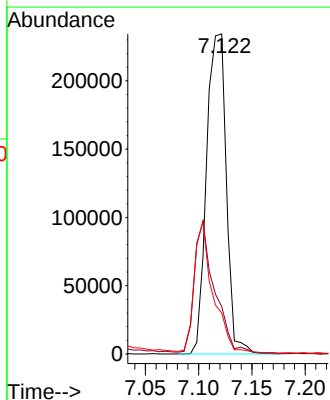
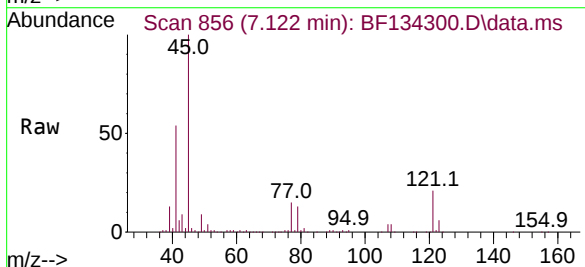
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

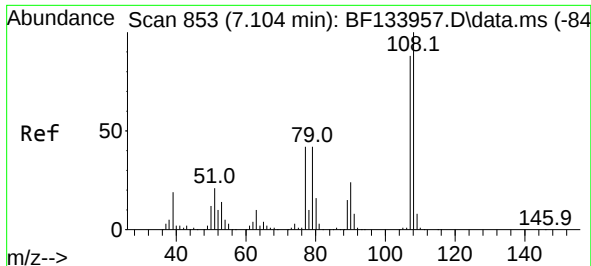
Tgt Ion: 79 Resp: 208457
Ion Ratio Lower Upper
79 100
108 73.1 60.7 91.1
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.915 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion: 45 Resp: 302533
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.9
79 12.8 0.0 29.5

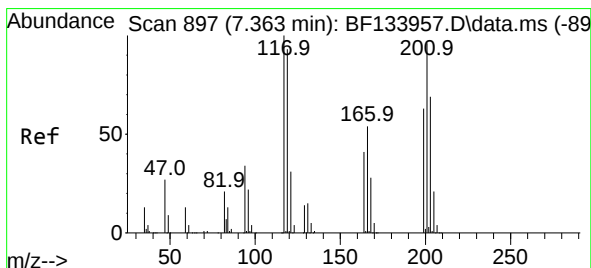
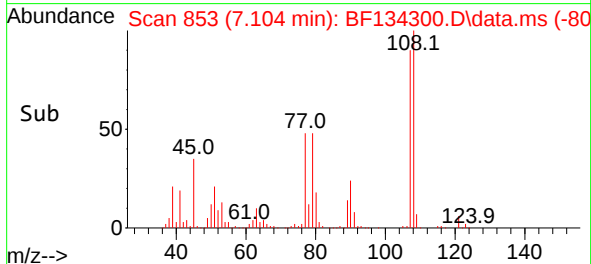
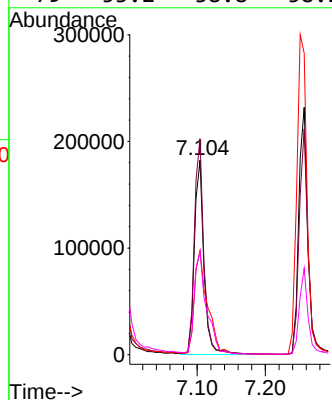
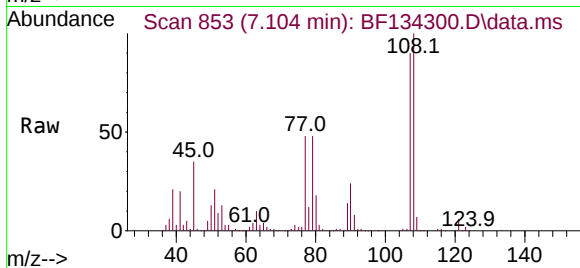




#17
2-Methylphenol
Concen: 42.193 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

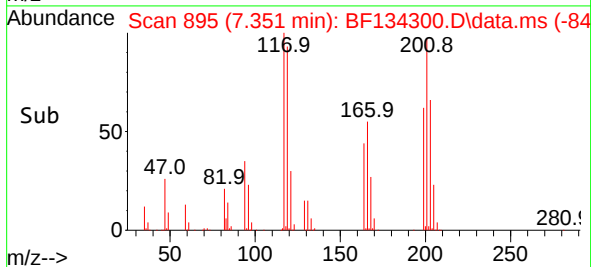
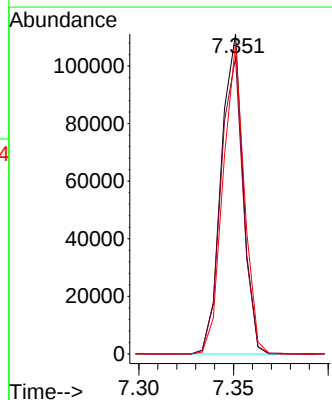
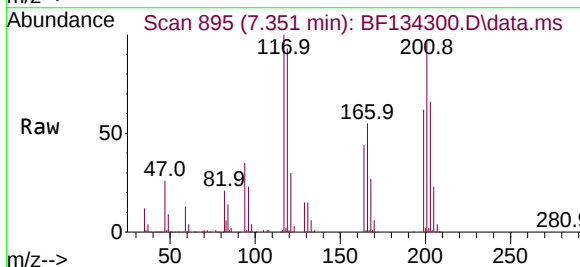
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

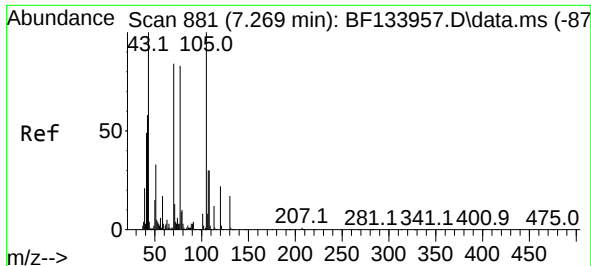
Tgt Ion:	107	Resp:	177047
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.6	136.0
77	53.5	38.3	57.5
79	53.2	38.8	58.2



#18
Hexachloroethane
Concen: 47.556 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:	117	Resp:	88976
Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.2	111.4
201	97.3	77.2	115.8



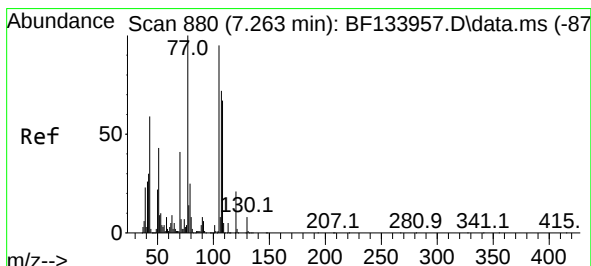
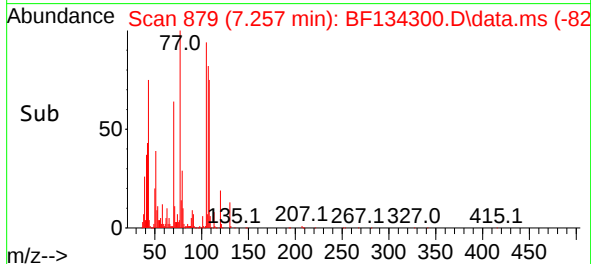
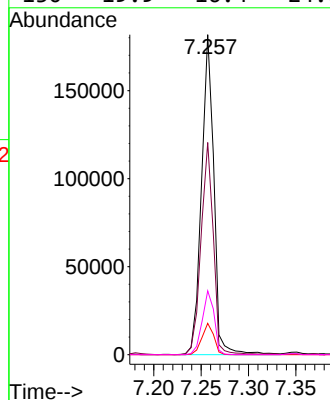
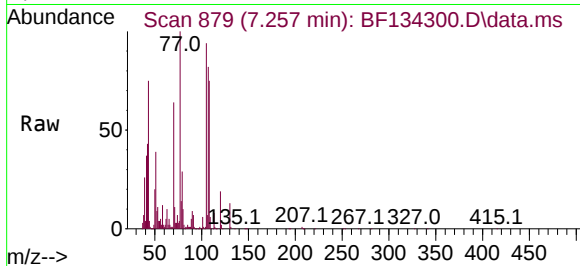


#19
n-Nitroso-di-n-propylamine
Concen: 45.809 ng
RT: 7.257 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

Tgt Ion: 70 Resp: 164918

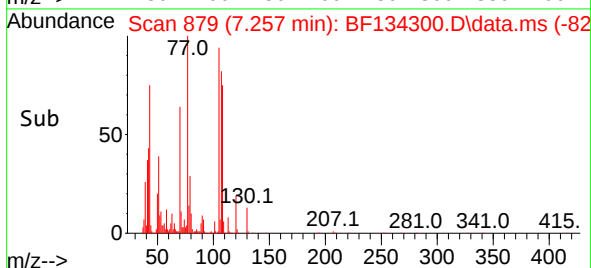
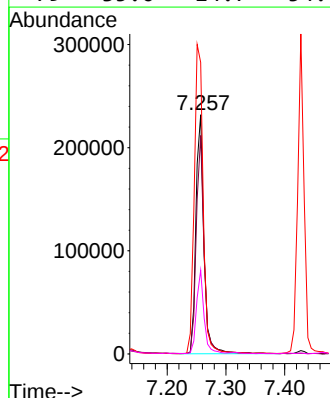
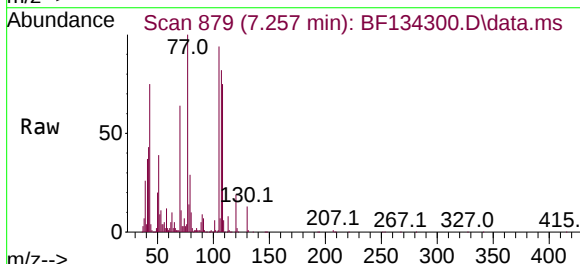
Ion	Ratio	Lower	Upper
70	100		
42	66.3	54.7	82.1
101	9.8	7.7	11.5
130	19.9	16.4	24.6

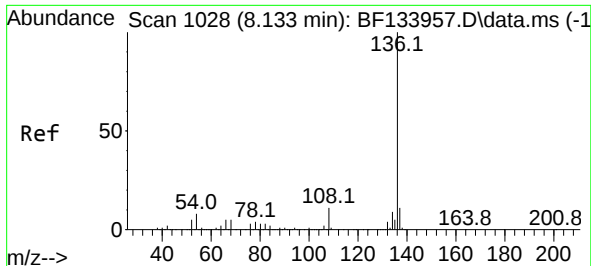


#20
3+4-Methylphenols
Concen: 42.912 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion: 107 Resp: 218446

Ion	Ratio	Lower	Upper
107	100		
108	91.3	73.2	113.2
77	121.9	118.3	158.3
79	35.0	14.7	54.7

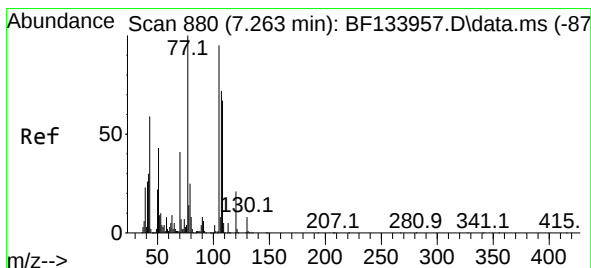
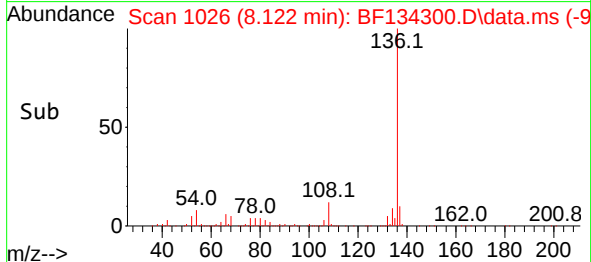
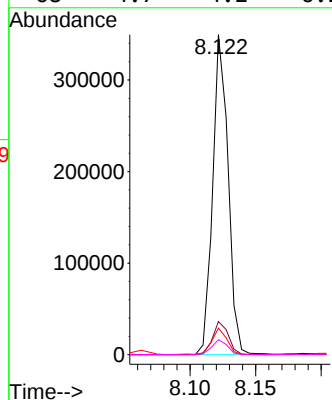
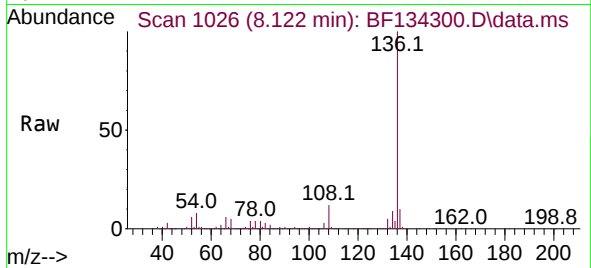




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

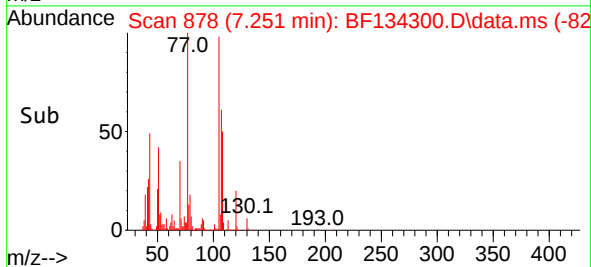
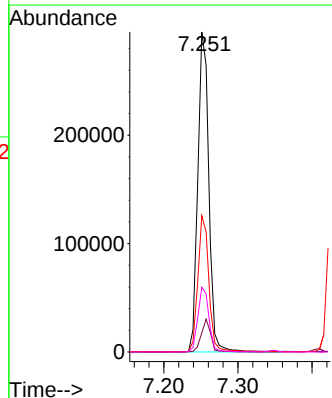
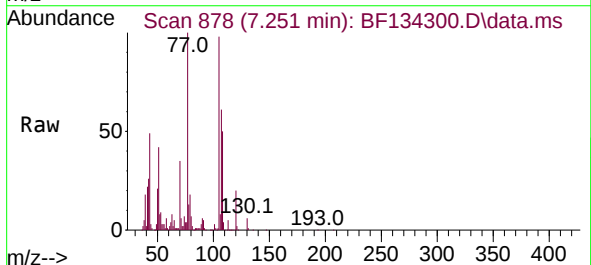
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

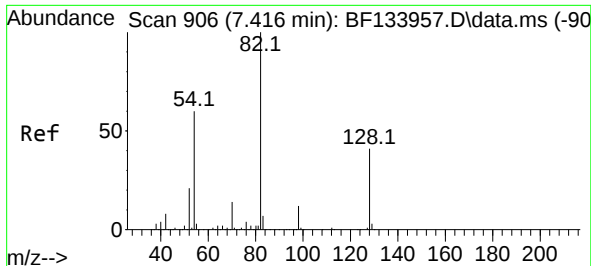
Tgt	Ion:136	Resp:	286455
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	8.3	6.5	9.7
68	4.7	4.2	6.2



#22
Acetophenone
Concen: 46.796 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt	Ion:105	Resp:	304861
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.5	8.3
51	42.6	36.5	54.7
120	20.2	17.3	25.9

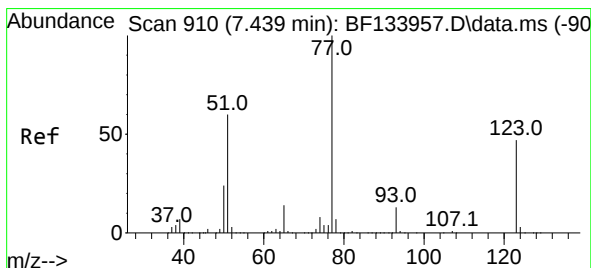
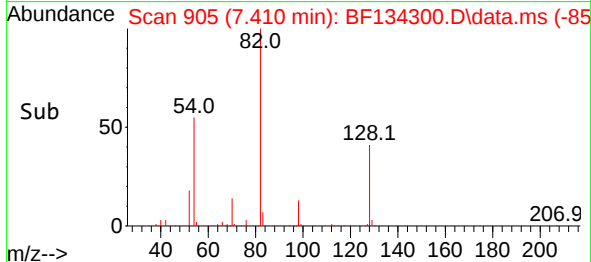
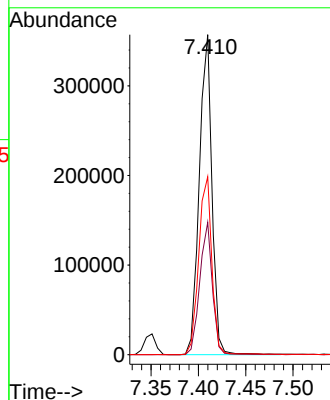
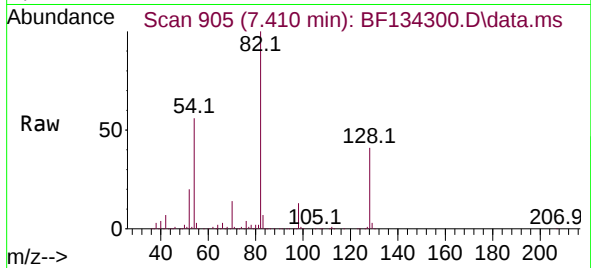




#23
Nitrobenzene-d5
Concen: 62.714 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

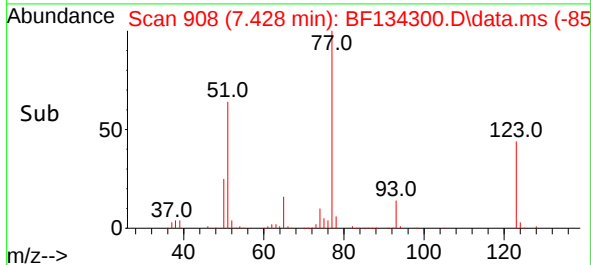
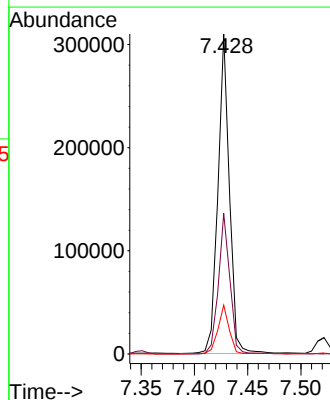
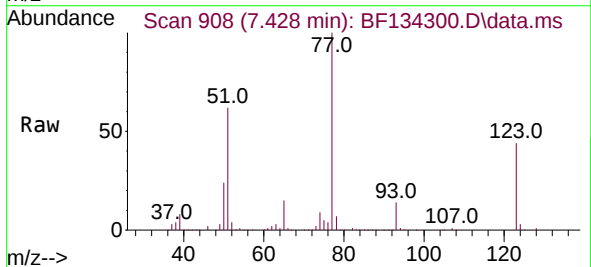
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

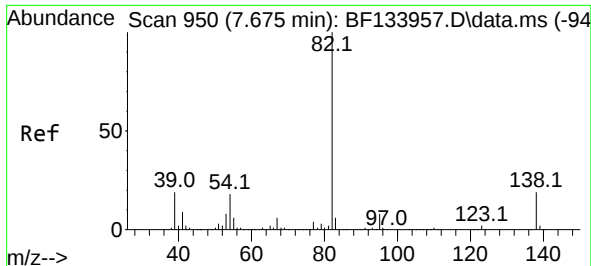
Tgt Ion: 82 Resp: 333267
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 55.6 48.2 72.2



#24
Nitrobenzene
Concen: 43.209 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion: 77 Resp: 232032
Ion Ratio Lower Upper
77 100
123 43.9 37.8 56.6
65 15.2 11.3 16.9

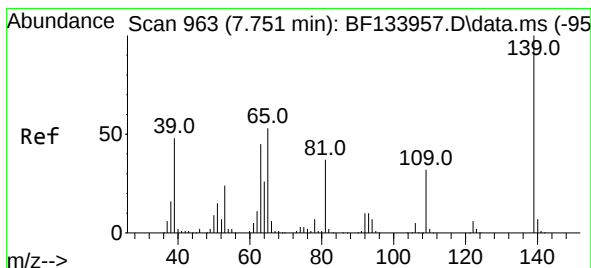
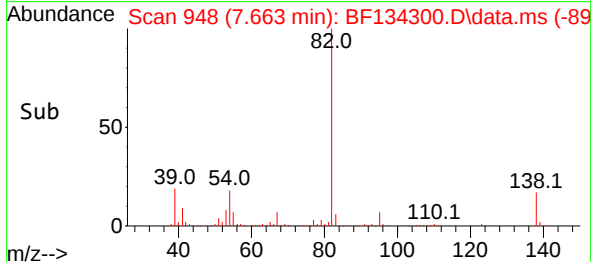
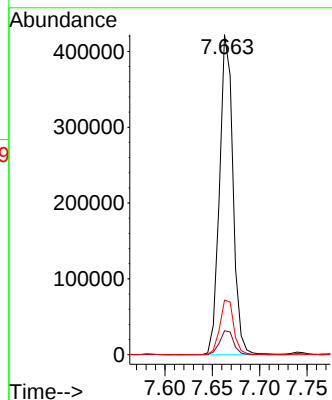
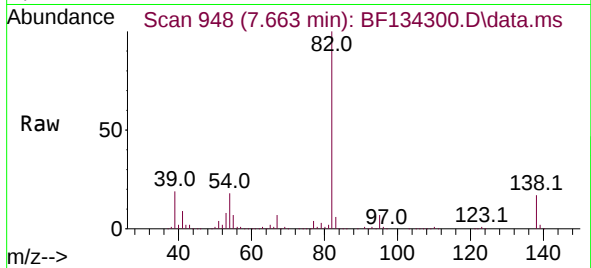




#25
Isophorone
Concen: 43.224 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

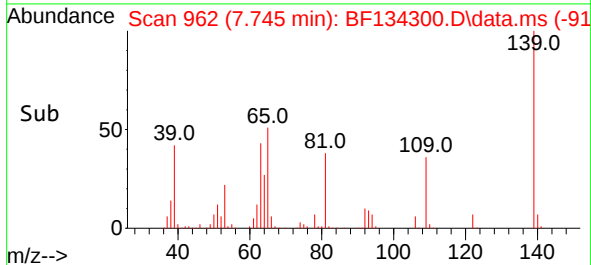
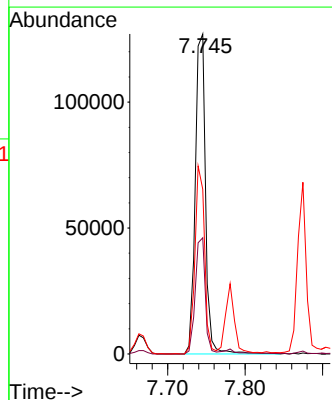
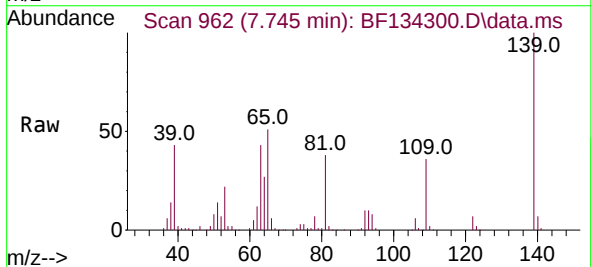
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

Tgt Ion: 82 Resp: 417452
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 17.1 15.2 22.8



#26
2-Nitrophenol
Concen: 45.582 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:139 Resp: 117422
Ion Ratio Lower Upper
139 100
109 36.3 25.8 38.8
65 51.4 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 44.548 ng

RT: 7.780 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

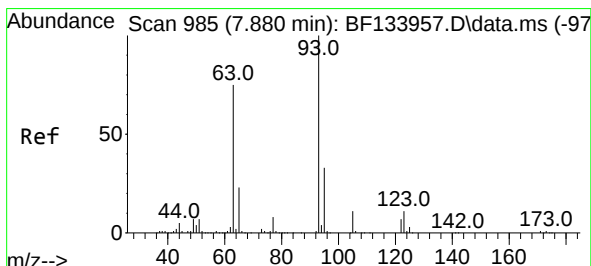
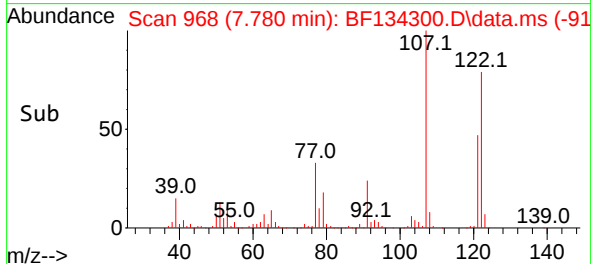
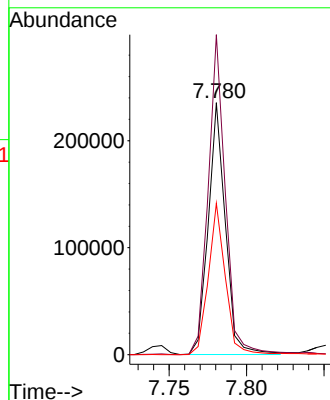
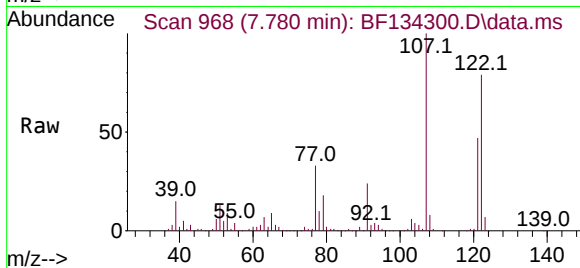
Tgt Ion:122 Resp: 181652

Ion Ratio Lower Upper

122 100

107 127.0 95.5 143.3

121 60.1 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.674 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

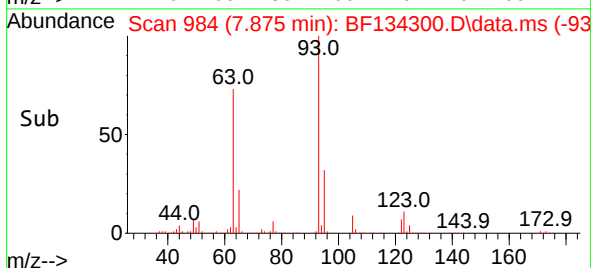
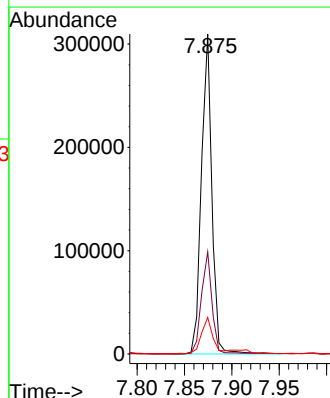
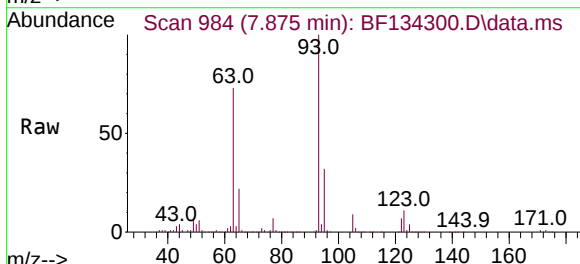
Tgt Ion: 93 Resp: 238642

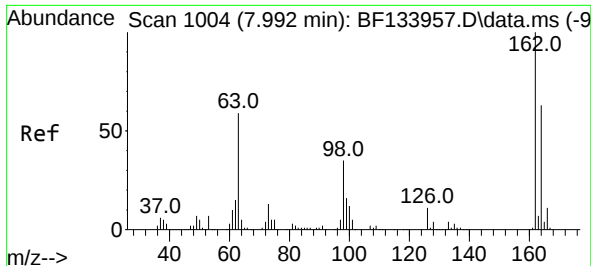
Ion Ratio Lower Upper

93 100

95 31.9 26.5 39.7

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.489 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

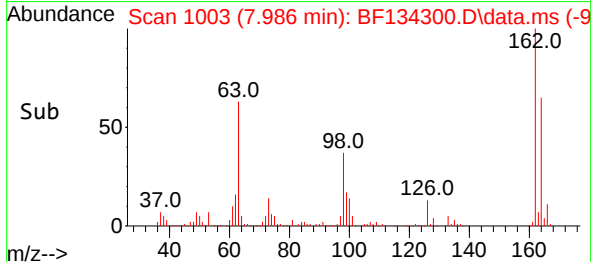
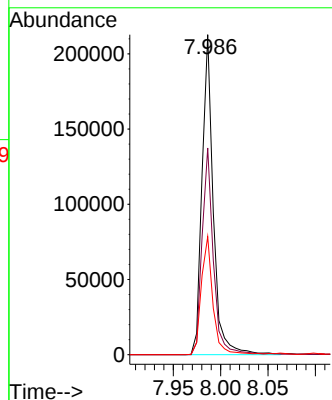
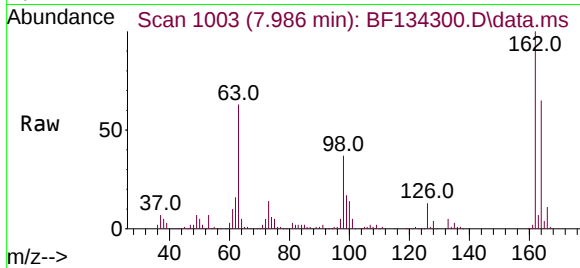
Tgt Ion:162 Resp: 175849

Ion Ratio Lower Upper

162 100

164 64.6 43.2 83.2

98 36.9 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 45.892 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

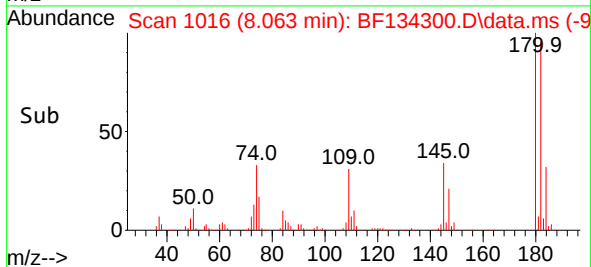
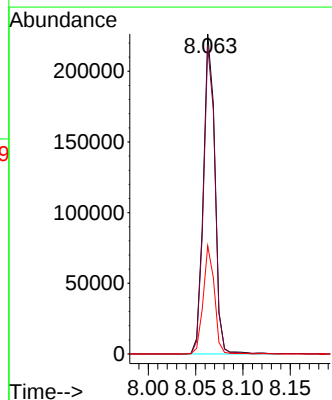
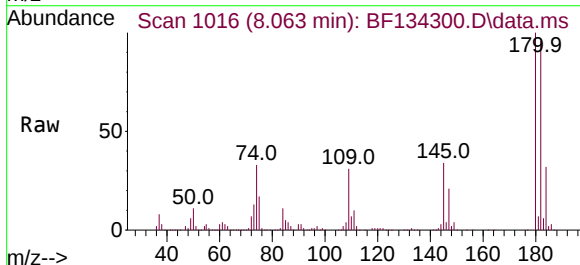
Tgt Ion:180 Resp: 191475

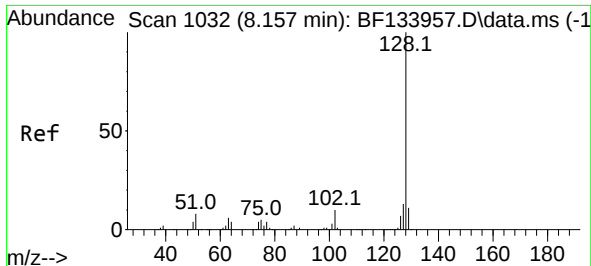
Ion Ratio Lower Upper

180 100

182 96.2 77.1 115.7

145 33.8 26.0 39.0

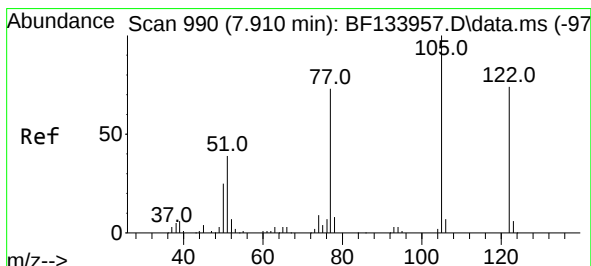
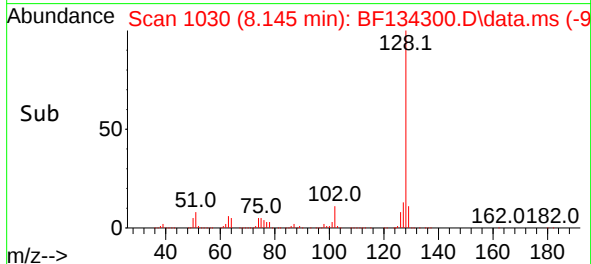
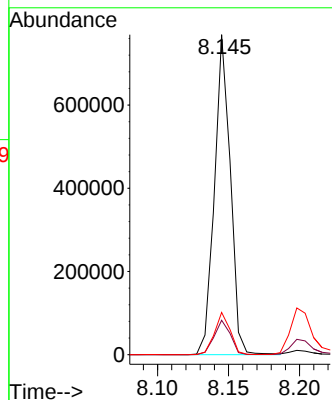
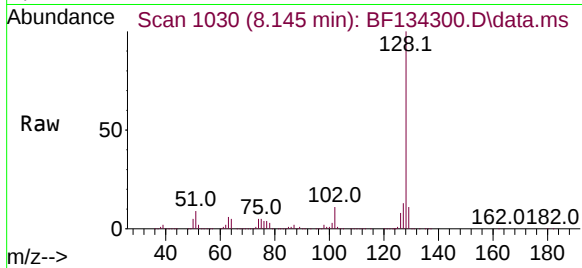




#31
Naphthalene
Concen: 43.276 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

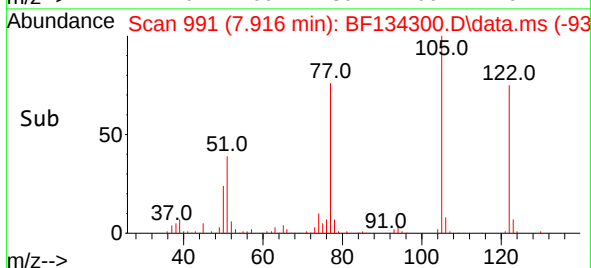
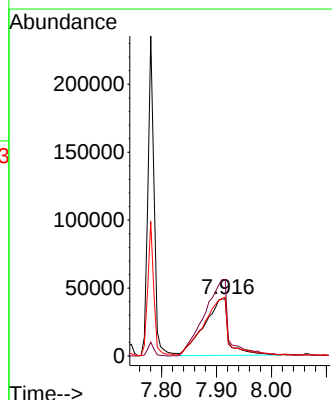
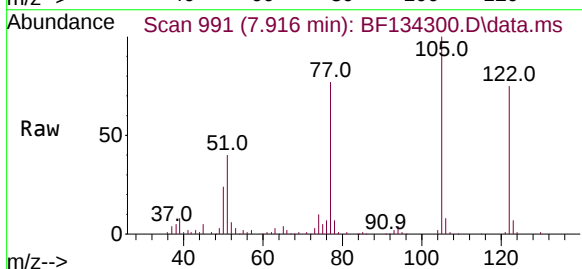
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

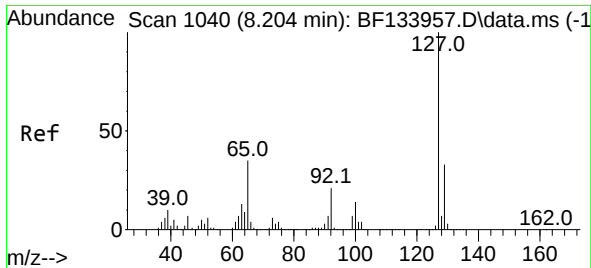
Tgt Ion:128 Resp: 598797
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 42.639 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.012 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:122 Resp: 130285
Ion Ratio Lower Upper
122 100
105 133.4 109.7 149.7
77 102.8 76.0 116.0

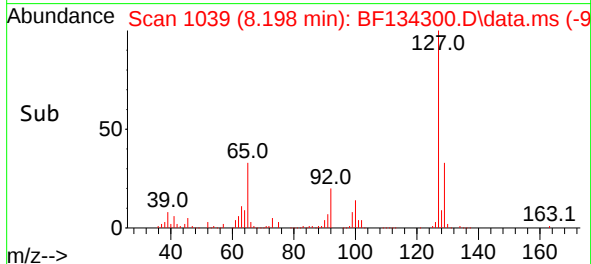
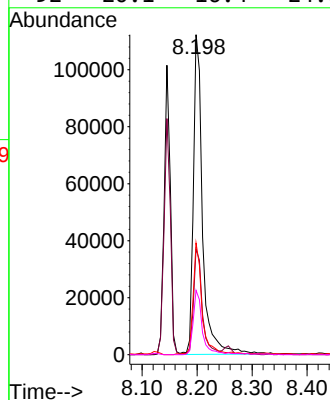
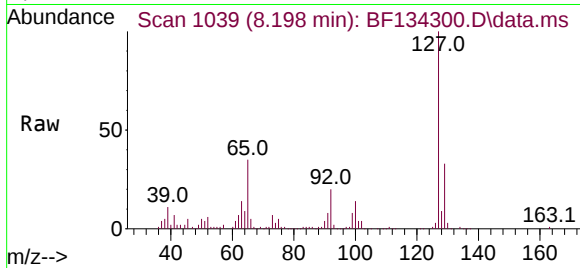




#33
4-Chloroaniline
Concen: 22.016 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

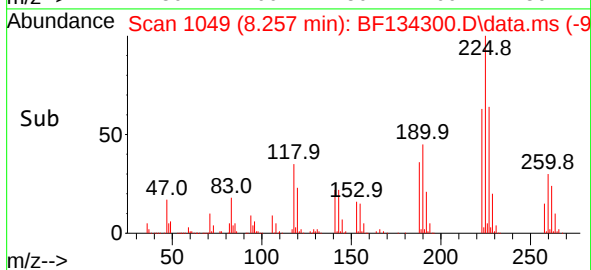
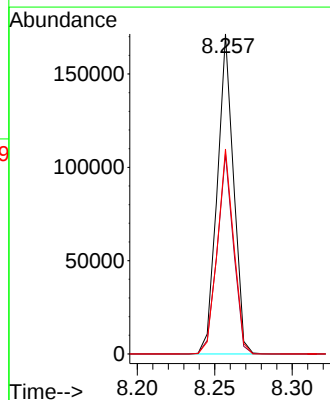
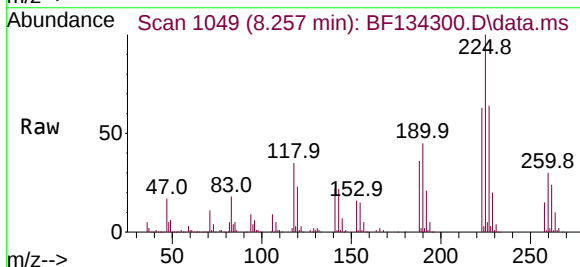
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

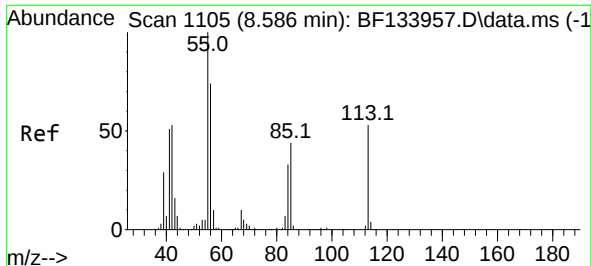
Tgt Ion:127 Resp: 130308
Ion Ratio Lower Upper
127 100
129 33.0 26.4 39.6
65 34.9 27.8 41.8
92 20.1 16.4 24.6



#34
Hexachlorobutadiene
Concen: 47.608 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:225 Resp: 125299
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 64.0 51.0 76.4

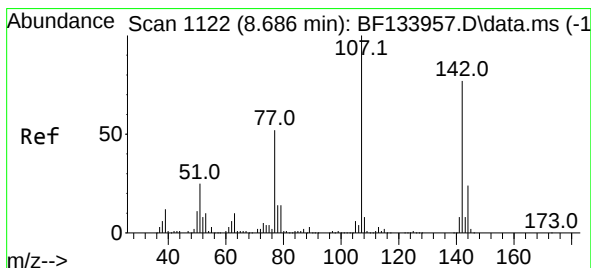
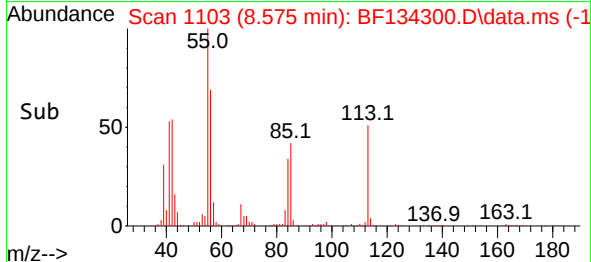
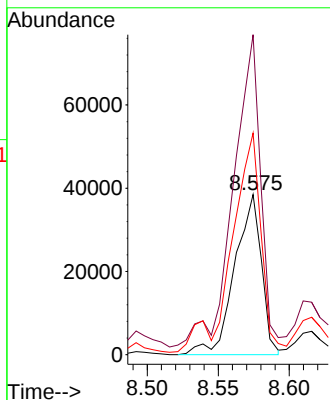
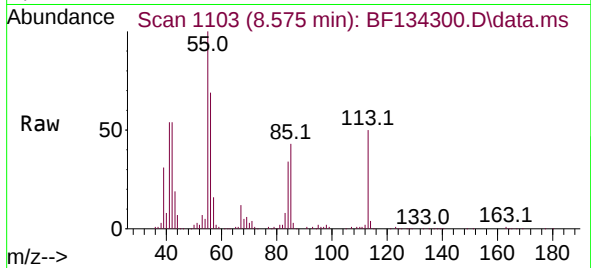




#35
Caprolactam
Concen: 37.903 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

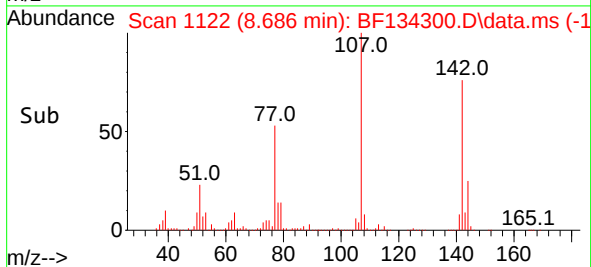
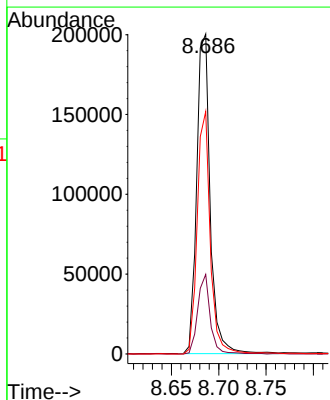
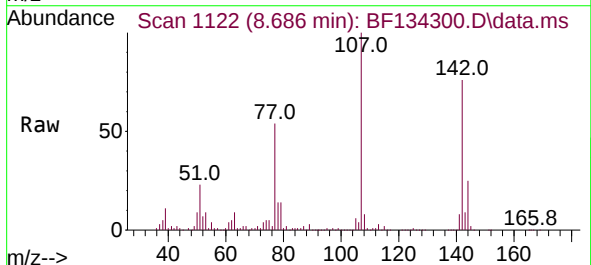
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

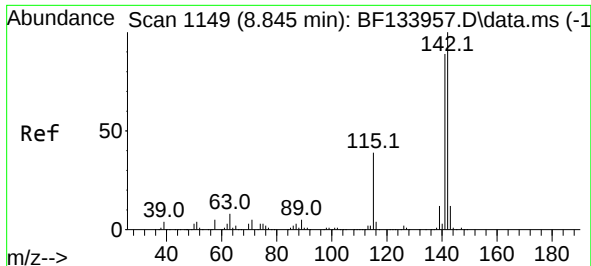
Tgt Ion:113 Resp: 50463
Ion Ratio Lower Upper
113 100
55 199.8 170.2 210.2
56 138.4 121.4 161.4



#36
4-Chloro-3-methylphenol
Concen: 43.918 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:107 Resp: 199495
Ion Ratio Lower Upper
107 100
144 24.9 19.6 29.4
142 75.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.007 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

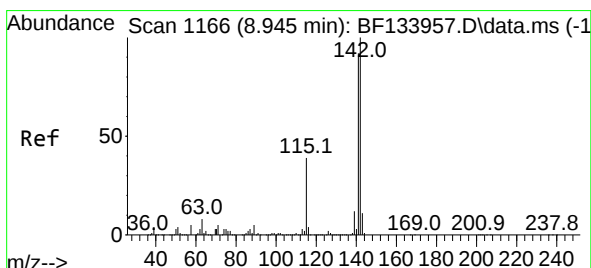
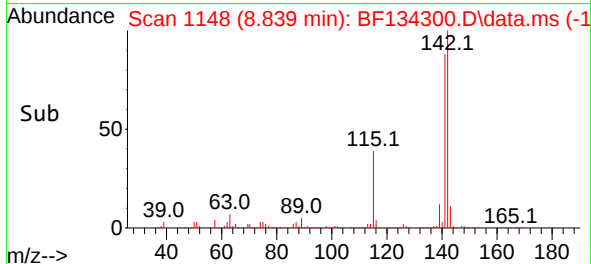
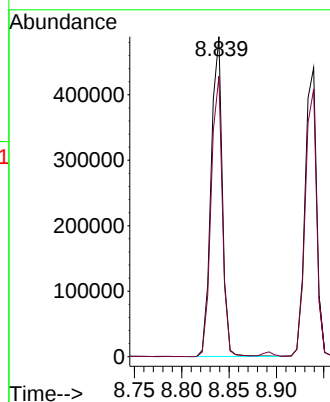
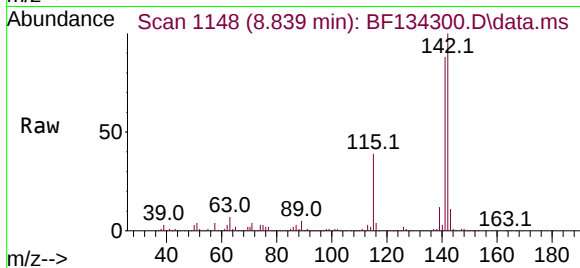
VNJ-225MS

Tgt Ion:142 Resp: 401245

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.4



#38

1-Methylnaphthalene

Concen: 41.418 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF134300.D

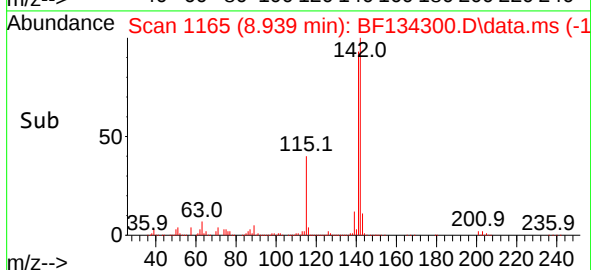
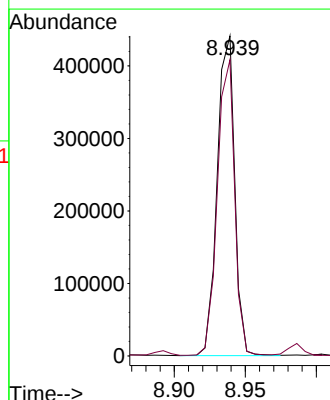
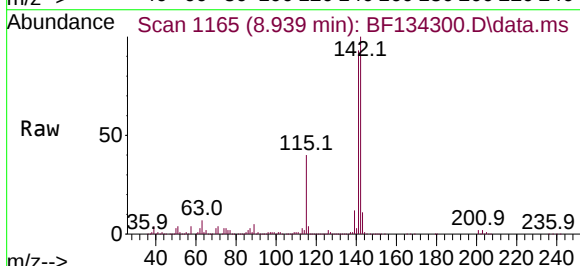
Acq: 14 Jul 2023 20:46

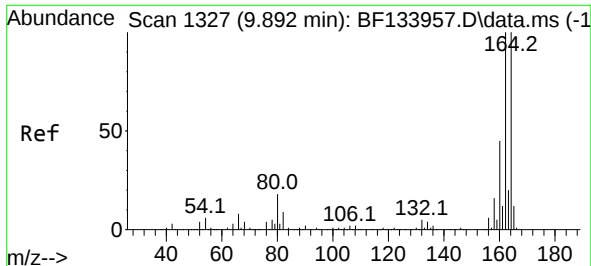
Tgt Ion:142 Resp: 376753

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3

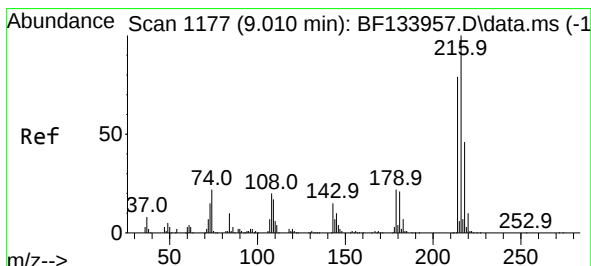
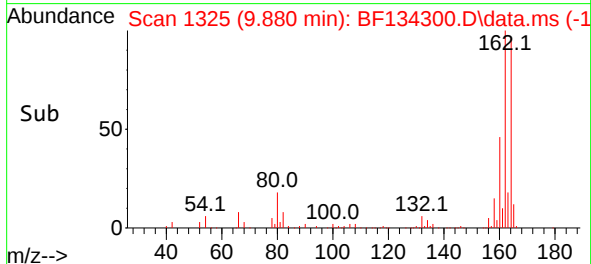
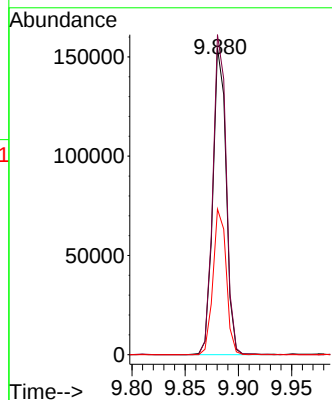
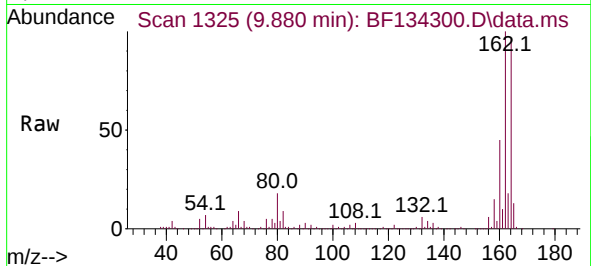




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

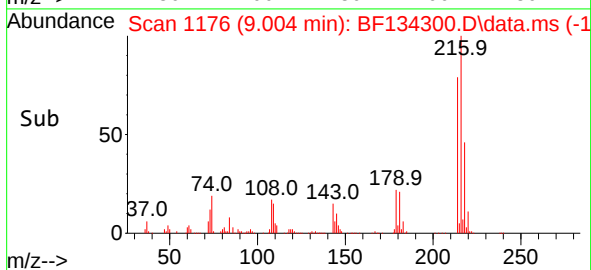
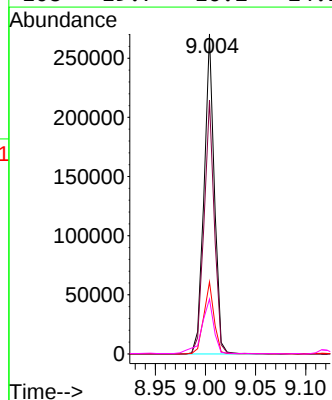
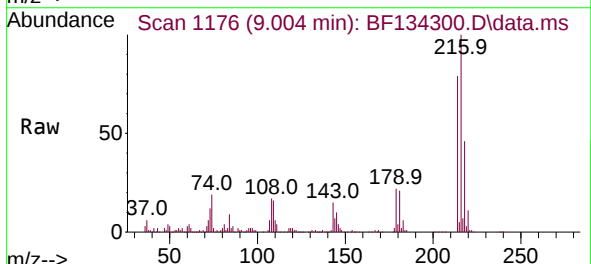
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

Tgt Ion:164 Resp: 134948
Ion Ratio Lower Upper
164 100
162 104.2 80.0 120.0
160 47.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.453 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:216 Resp: 193718
Ion Ratio Lower Upper
216 100
214 79.7 64.1 96.1
179 22.5 17.3 25.9
108 19.7 16.2 24.2

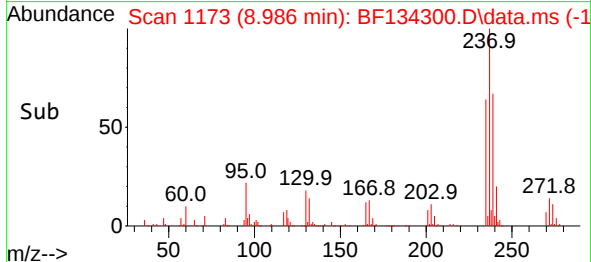
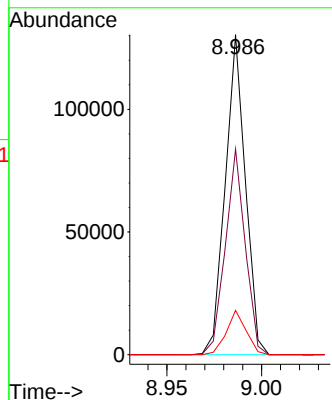
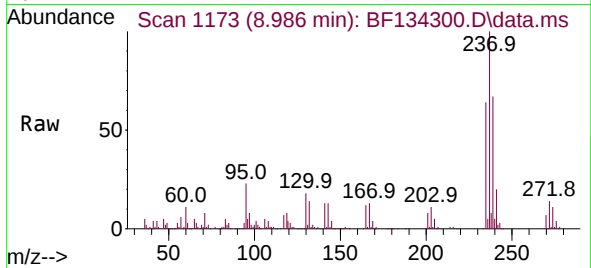




#41
Hexachlorocyclopentadiene
Concen: 50.845 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

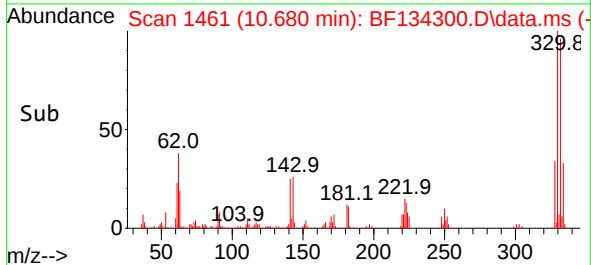
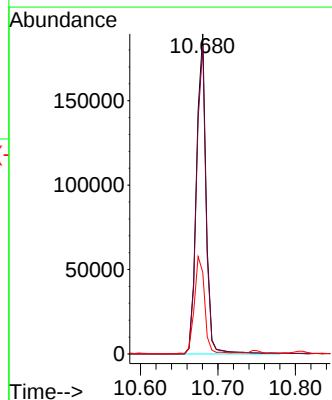
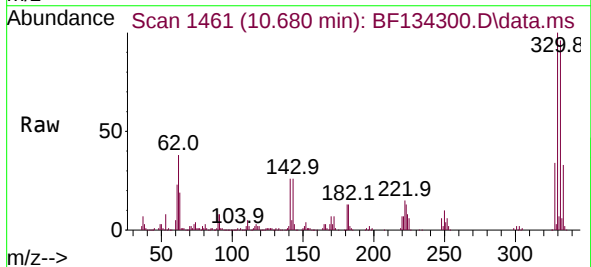
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

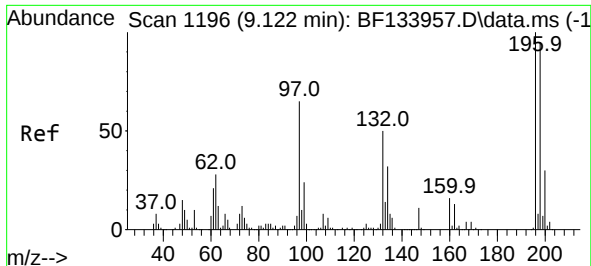
Tgt Ion:237 Resp: 96440
Ion Ratio Lower Upper
237 100
235 64.3 42.8 82.8
272 13.9 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 96.718 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:330 Resp: 163644
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 32.6 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 46.006 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

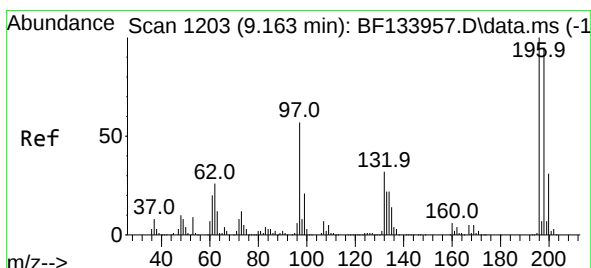
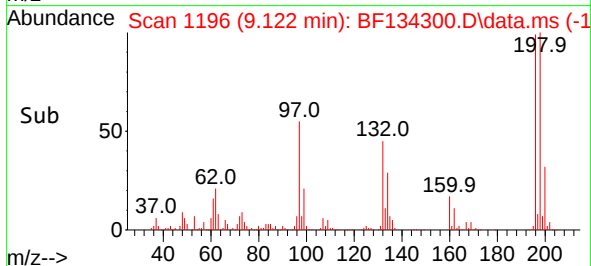
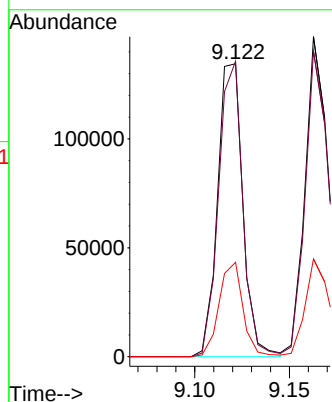
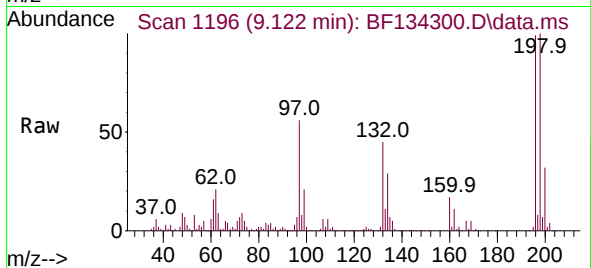
Tgt Ion:196 Resp: 125211

Ion Ratio Lower Upper

196 100

198 100.9 75.6 113.4

200 32.2 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 42.131 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Tgt Ion:196 Resp: 134879

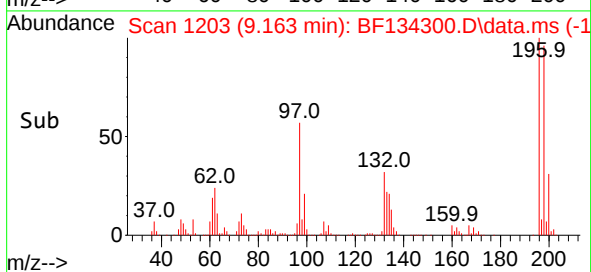
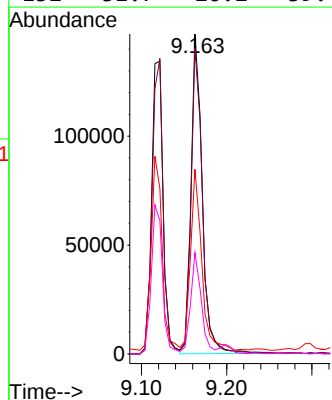
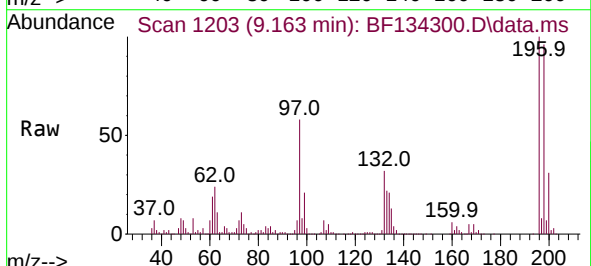
Ion Ratio Lower Upper

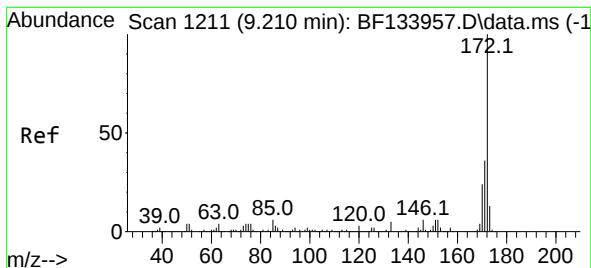
196 100

198 95.5 75.7 113.5

97 57.7 45.8 68.6

132 31.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 66.677 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

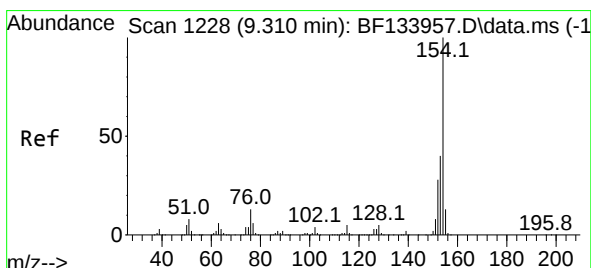
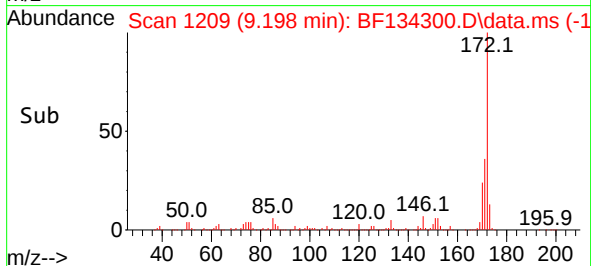
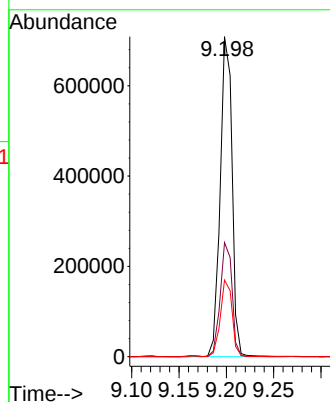
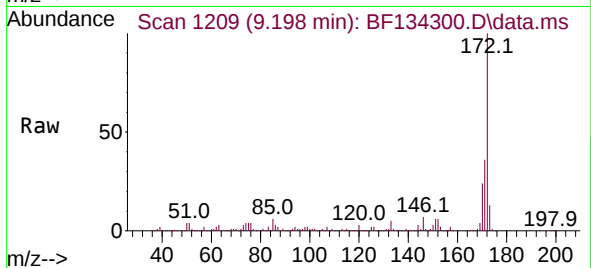
Tgt Ion:172 Resp: 618883

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 46.983 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

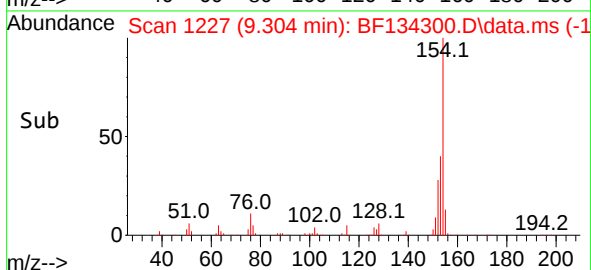
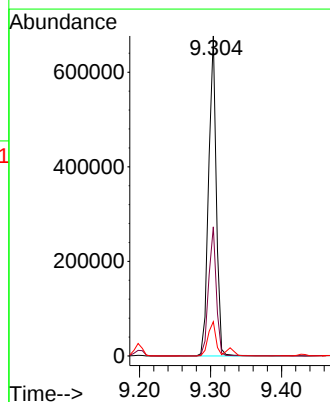
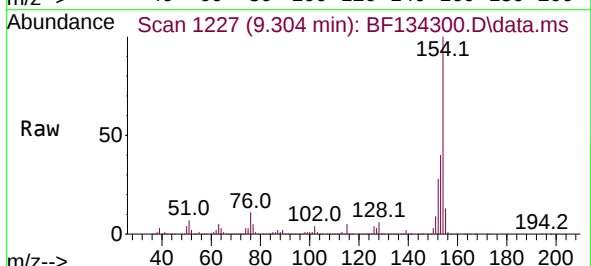
Tgt Ion:154 Resp: 508592

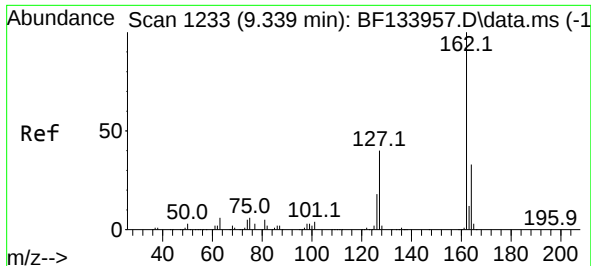
Ion Ratio Lower Upper

154 100

153 40.4 19.8 59.8

76 10.7 0.0 32.9

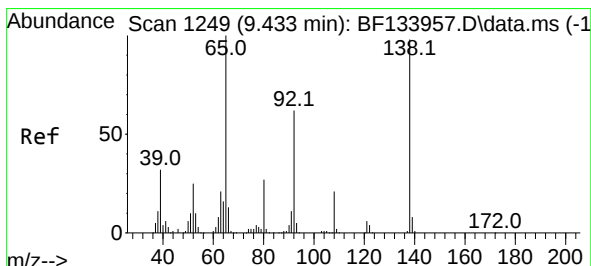
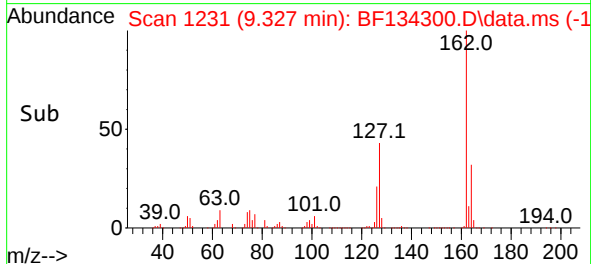
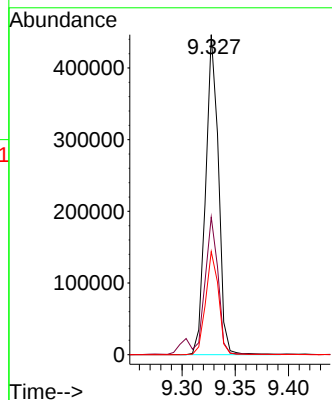
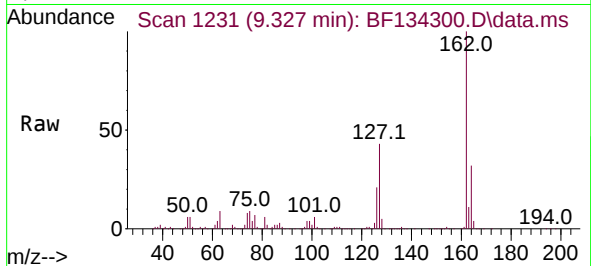




#47
2-Chloronaphthalene
Concen: 47.339 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

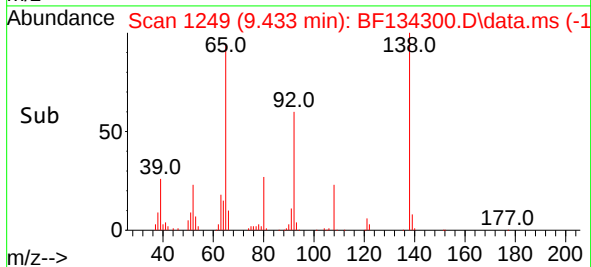
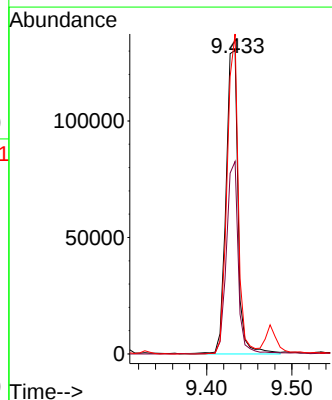
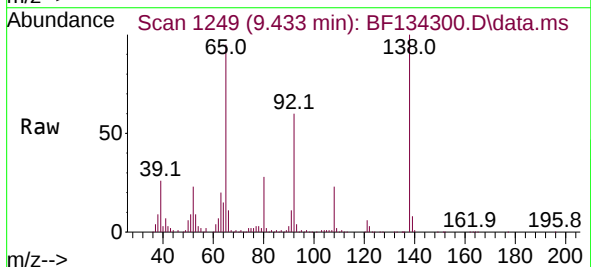
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

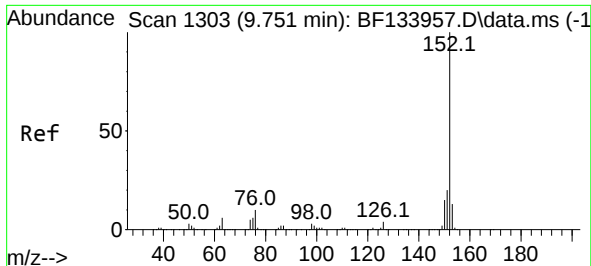
Tgt Ion:162 Resp: 374940
Ion Ratio Lower Upper
162 100
127 43.0 32.9 49.3
164 32.2 26.1 39.1



#48
2-Nitroaniline
Concen: 44.720 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion: 65 Resp: 129087
Ion Ratio Lower Upper
65 100
92 63.4 49.5 74.3
138 105.5 78.0 117.0





#49

Acenaphthylene

Concen: 45.213 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

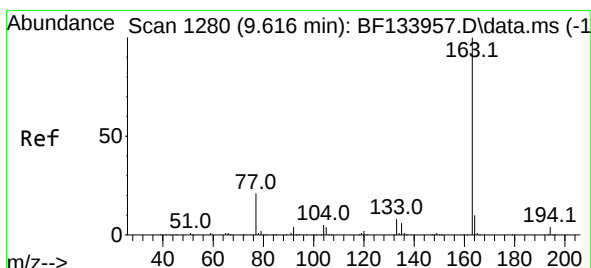
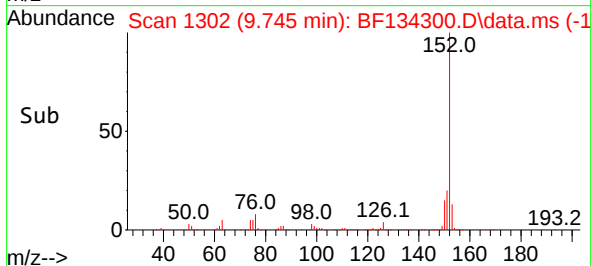
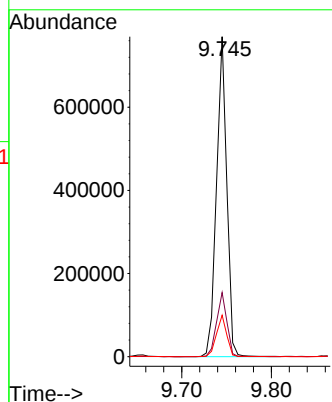
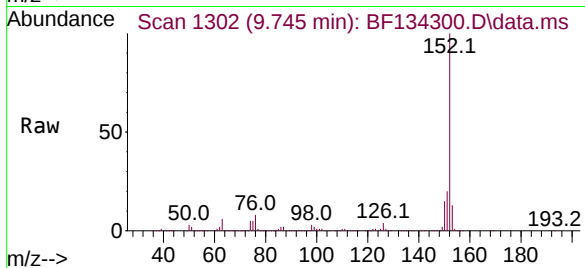
Tgt Ion:152 Resp: 611728

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.0 10.8 16.2



#50

Dimethylphthalate

Concen: 45.235 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

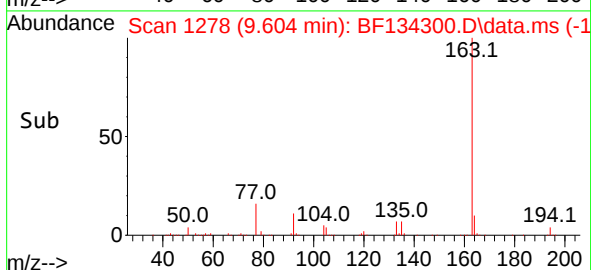
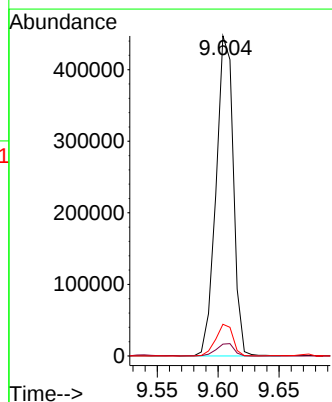
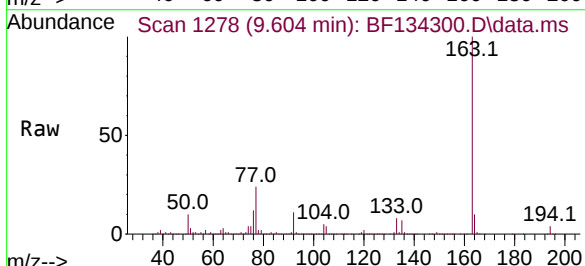
Tgt Ion:163 Resp: 443122

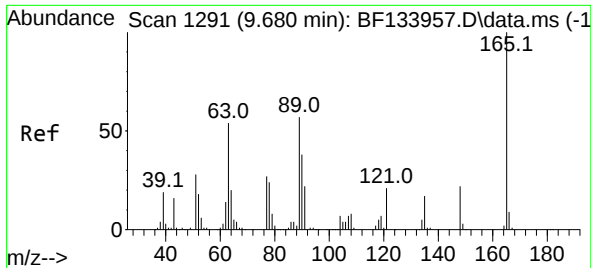
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 9.9 8.2 12.2

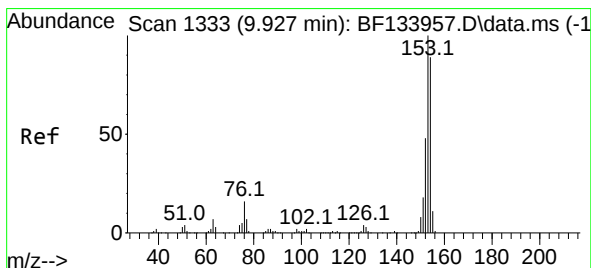
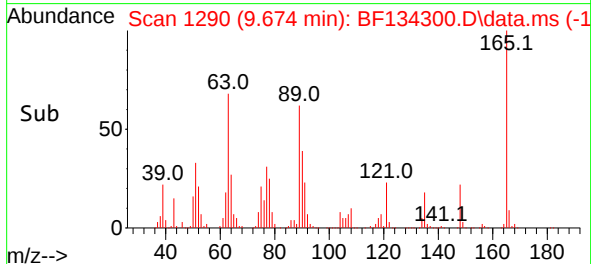
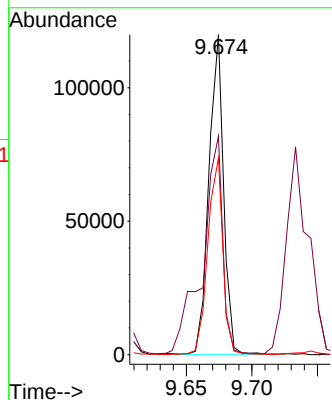
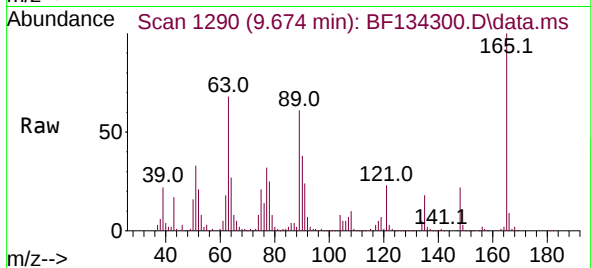




#51
2,6-Dinitrotoluene
Concen: 44.163 ng
RT: 9.674 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

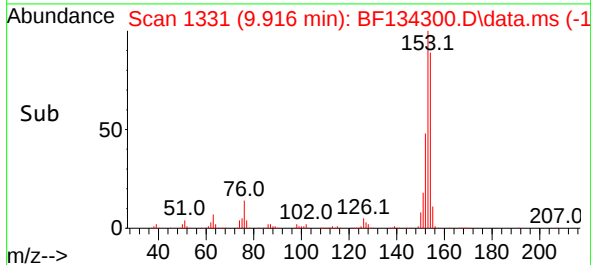
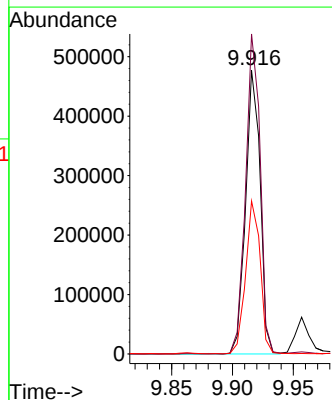
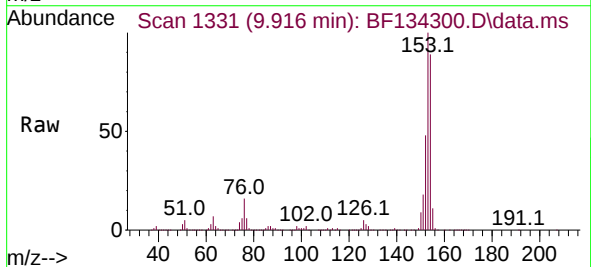
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

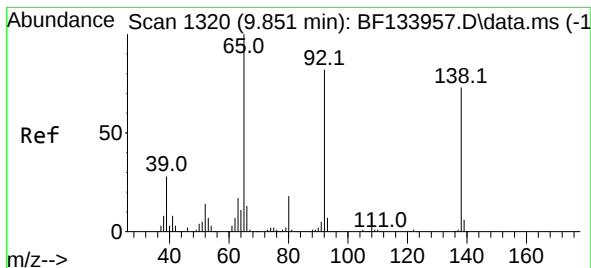
Tgt Ion:165 Resp: 93178
Ion Ratio Lower Upper
165 100
63 68.3 48.5 72.7
89 61.4 45.5 68.3



#52
Acenaphthene
Concen: 50.724 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:154 Resp: 398221
Ion Ratio Lower Upper
154 100
153 112.9 89.4 134.2
152 54.0 42.8 64.2





#53

3-Nitroaniline

Concen: 33.983 ng

RT: 9.845 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

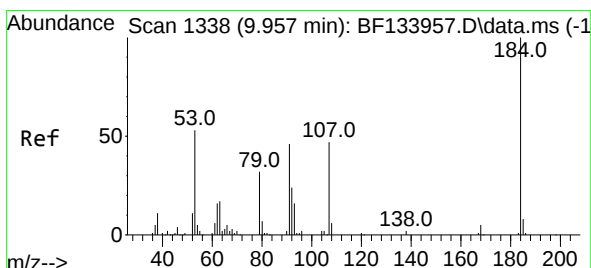
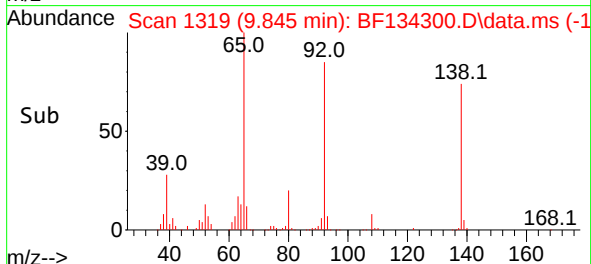
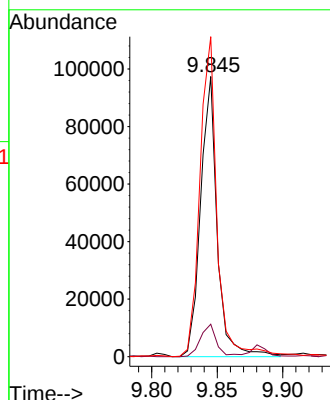
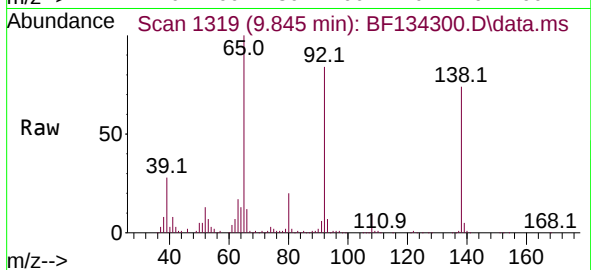
Tgt Ion:138 Resp: 86016

Ion Ratio Lower Upper

138 100

108 11.6 8.4 12.6

92 114.2 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 58.588 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

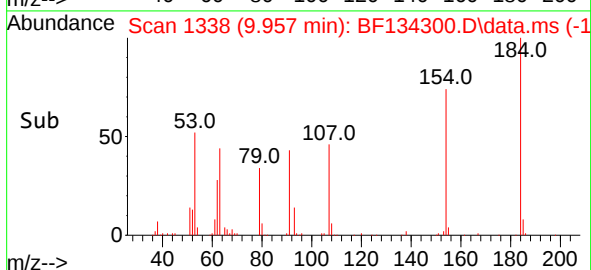
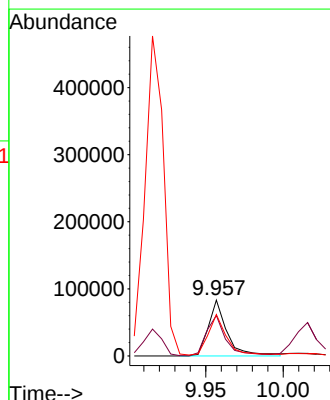
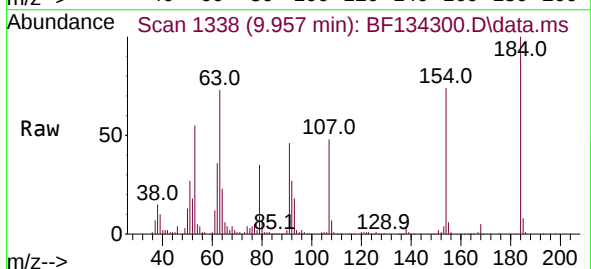
Tgt Ion:184 Resp: 70064

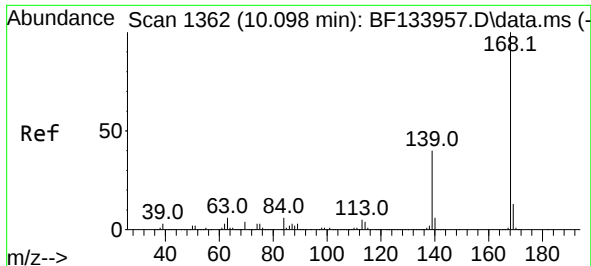
Ion Ratio Lower Upper

184 100

63 72.7 56.9 85.3

154 74.3 55.4 83.0

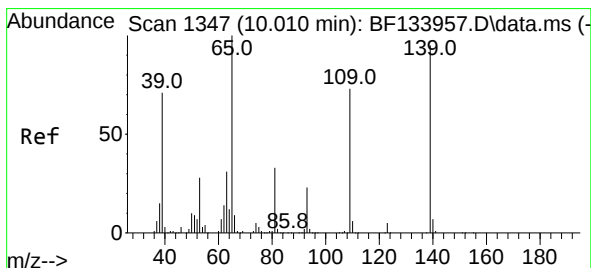
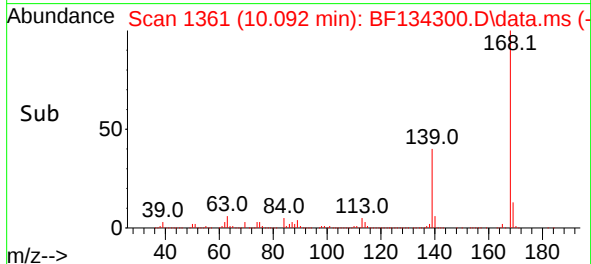
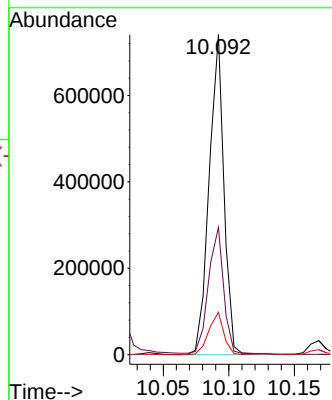
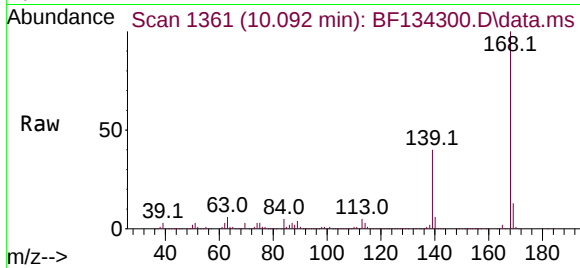




#55
Dibenzenofuran
Concen: 47.530 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

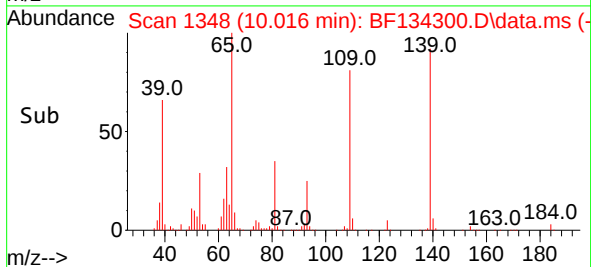
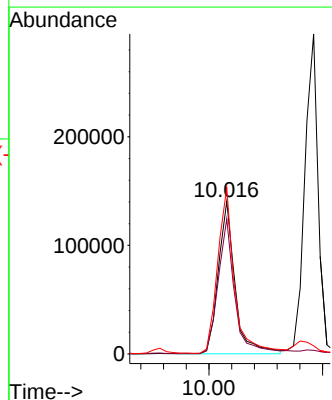
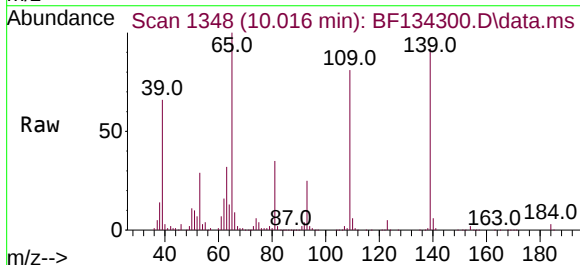
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

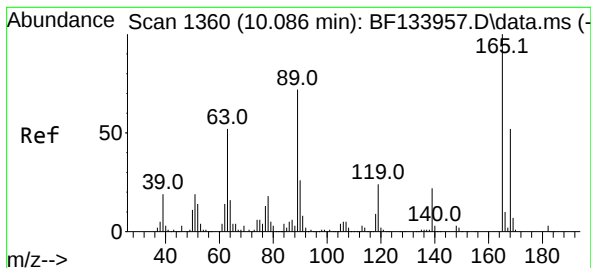
Tgt Ion:168 Resp: 583174
Ion Ratio Lower Upper
168 100
139 39.8 32.0 48.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 81.138 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:139 Resp: 143655
Ion Ratio Lower Upper
139 100
109 88.6 56.8 96.8
65 109.1 86.1 126.1

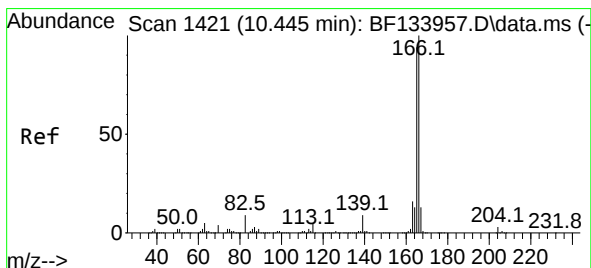
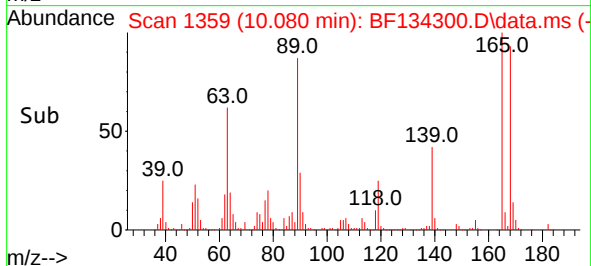
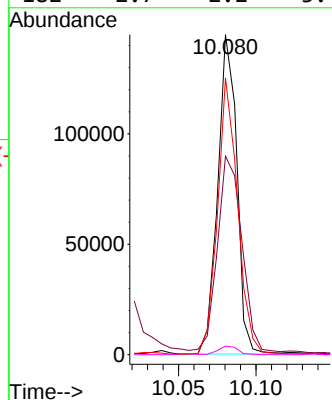
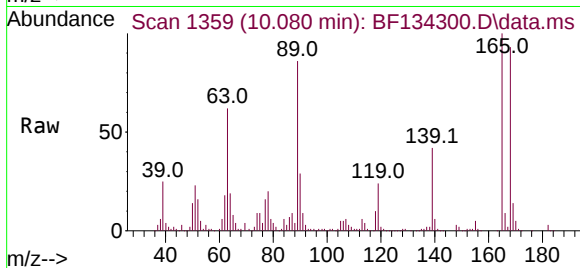




#57
2,4-Dinitrotoluene
Concen: 44.511 ng
RT: 10.080 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

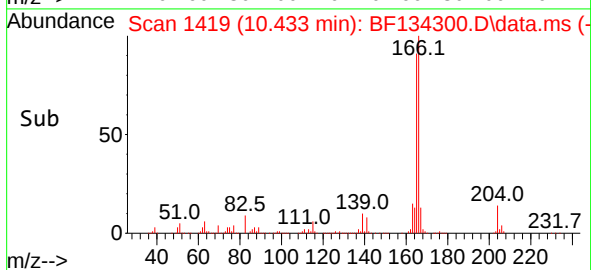
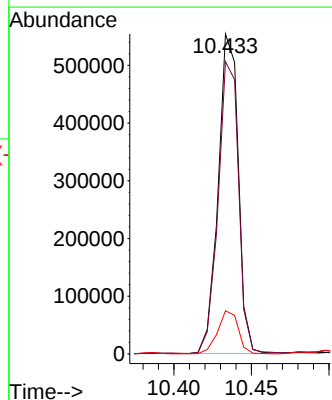
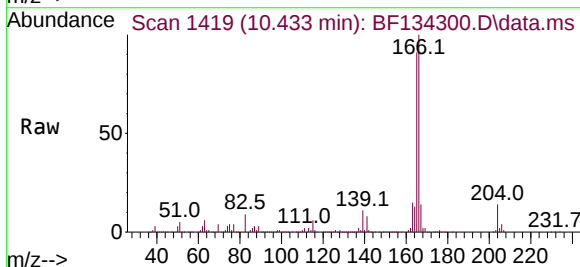
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

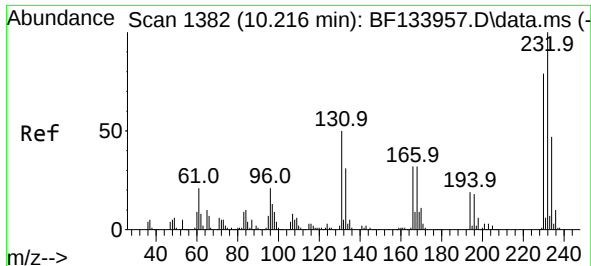
Tgt Ion:165 Resp: 124023
Ion Ratio Lower Upper
165 100
63 62.1 42.2 63.2
89 86.5 57.4 86.2#
182 2.7 2.2 3.4



#58
Fluorene
Concen: 52.281 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:166 Resp: 499050
Ion Ratio Lower Upper
166 100
165 91.3 75.0 112.4
167 13.5 10.6 15.8

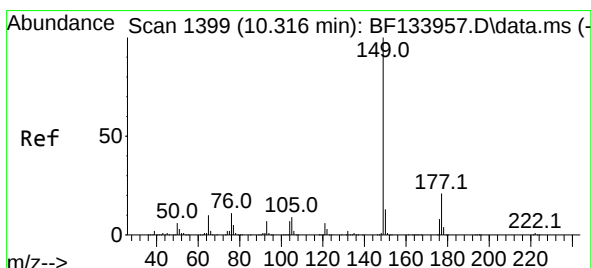
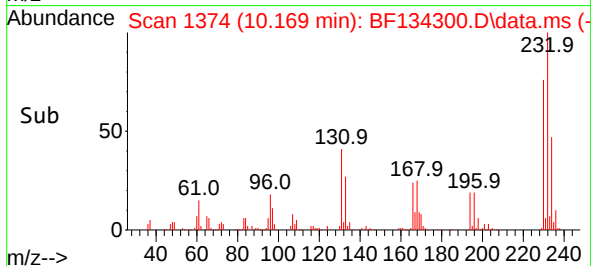
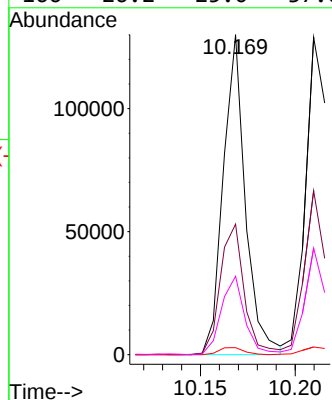
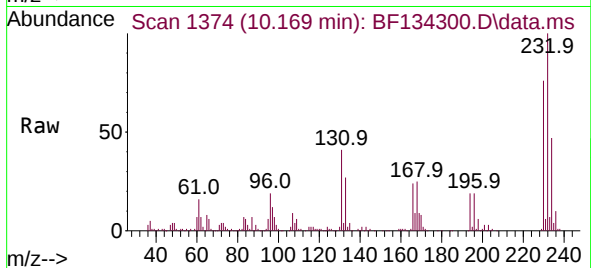




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.885 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.041 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

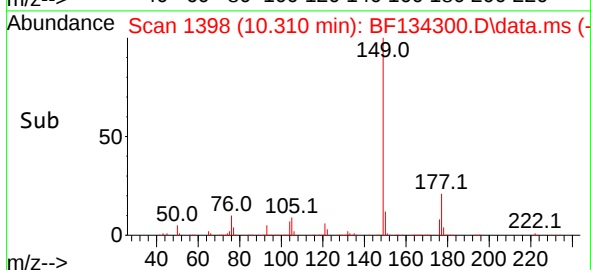
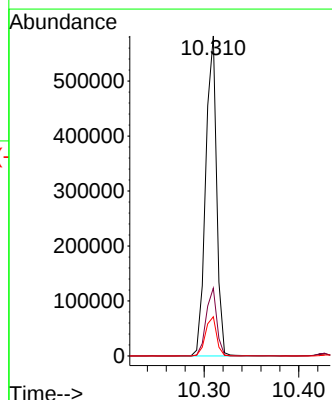
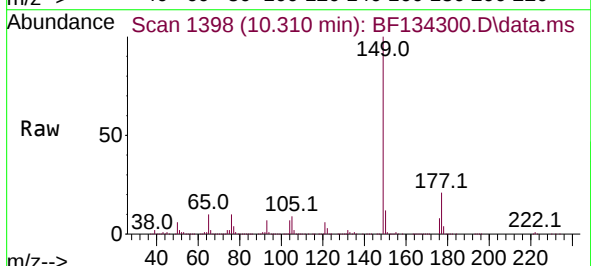
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

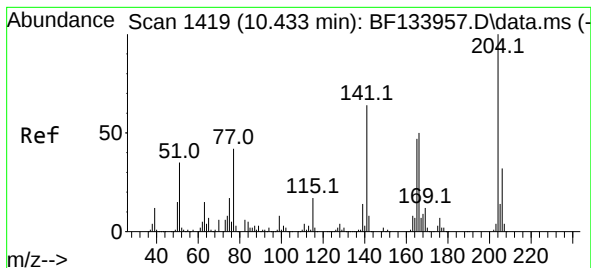
Tgt Ion:232 Resp: 105771
Ion Ratio Lower Upper
232 100
131 44.5 39.3 58.9
130 2.5 1.8 2.6
166 26.2 25.0 37.6



#60
Diethylphthalate
Concen: 45.736 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:149 Resp: 466773
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.2 10.2 15.2

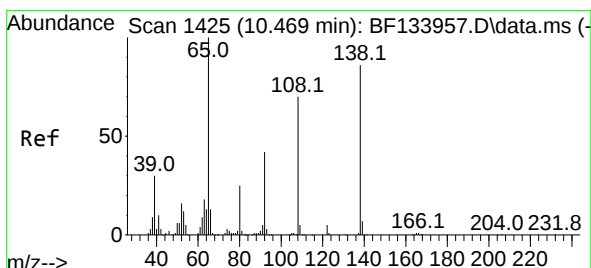
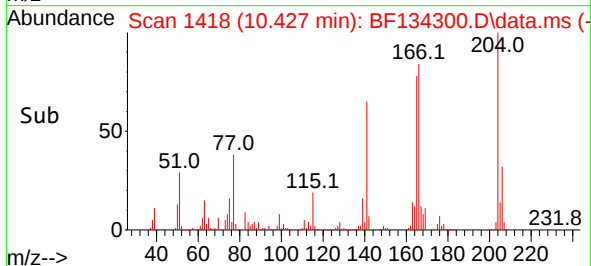
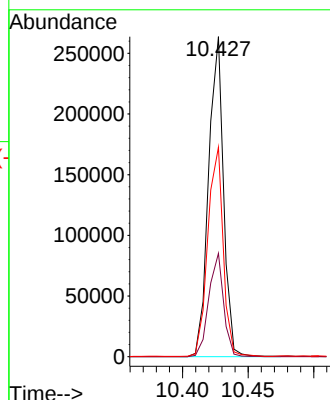
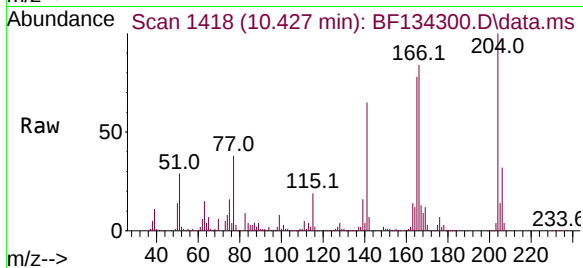




#61
4-Chlorophenyl-phenylether
Concen: 45.560 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

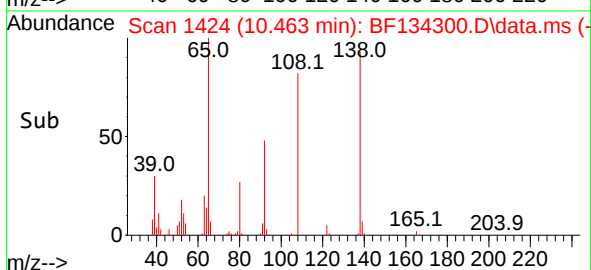
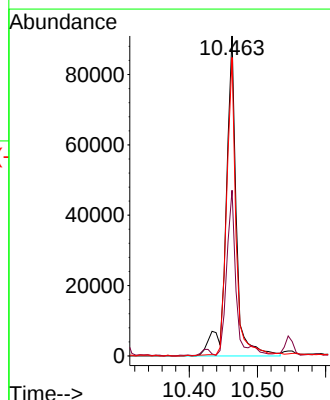
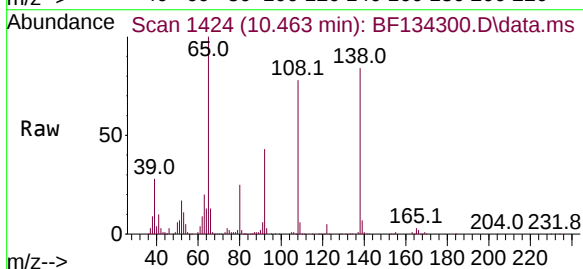
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

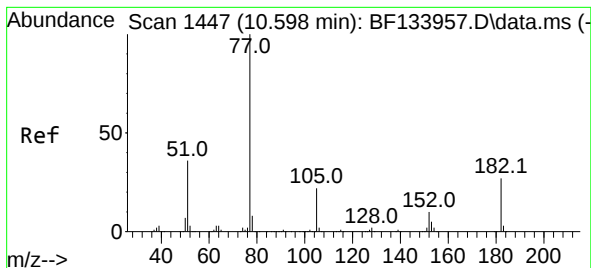
Tgt Ion:204 Resp: 209585
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 65.4 51.5 77.3



#62
4-Nitroaniline
Concen: 37.404 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:138 Resp: 95413
Ion Ratio Lower Upper
138 100
92 51.8 29.7 69.7
108 93.3 62.1 102.1





#63

Azobenzene

Concen: 47.576 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

Tgt Ion: 77 Resp: 459289

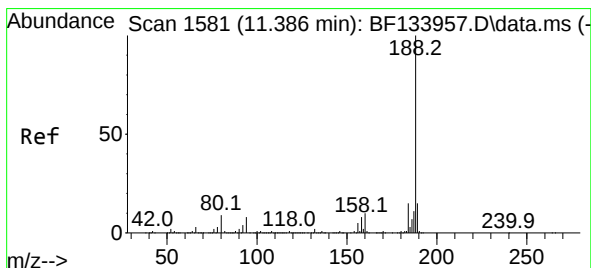
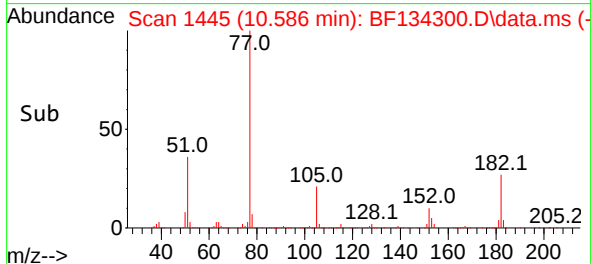
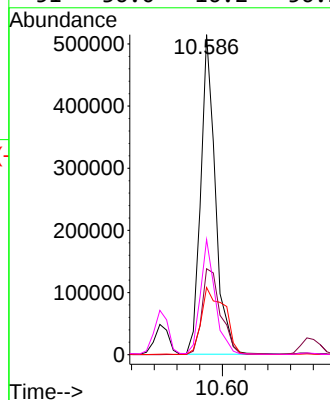
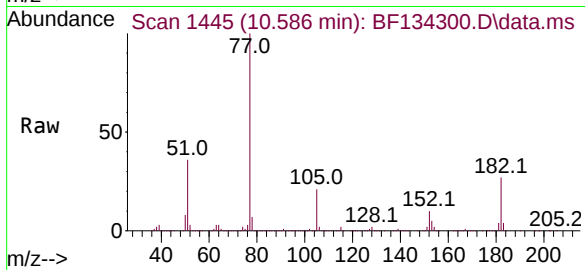
Ion Ratio Lower Upper

77 100

182 26.9 6.8 46.8

105 21.0 2.3 42.3

51 36.0 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

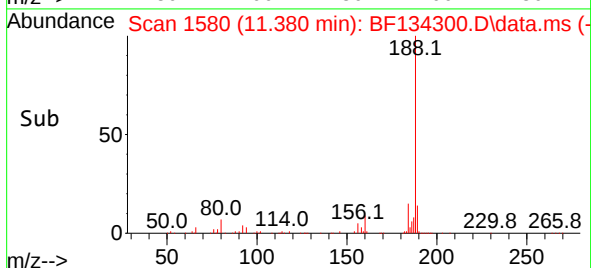
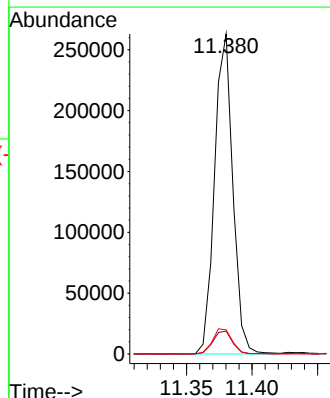
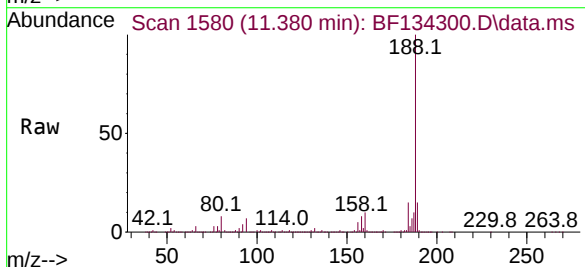
Tgt Ion:188 Resp: 254260

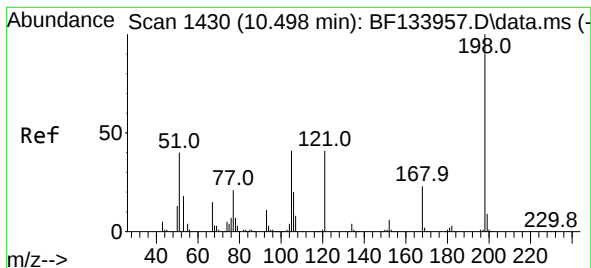
Ion Ratio Lower Upper

188 100

94 7.1 6.4 9.6

80 7.6 7.3 10.9

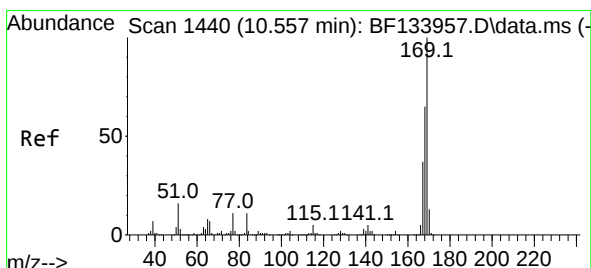
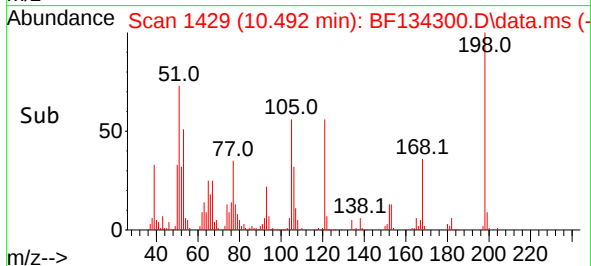
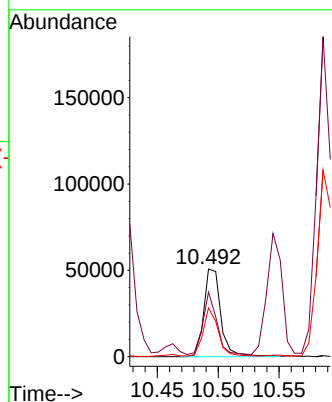
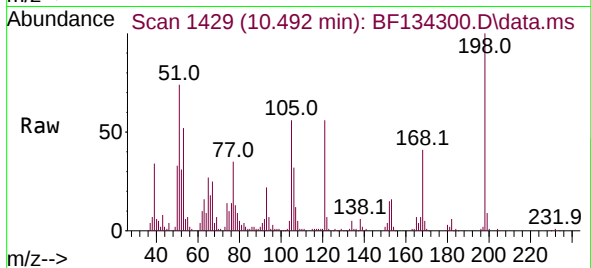




#65
4,6-Dinitro-2-methylphenol
Concen: 35.672 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

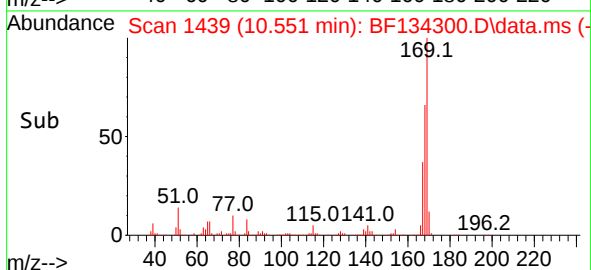
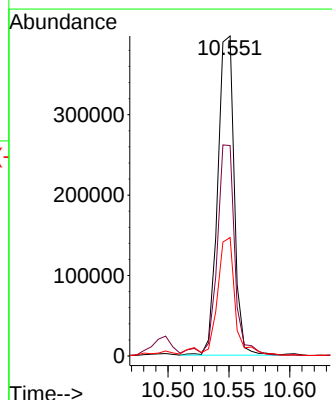
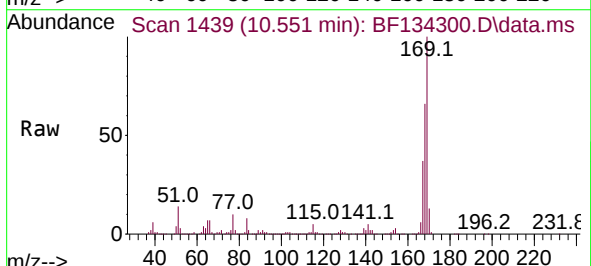
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

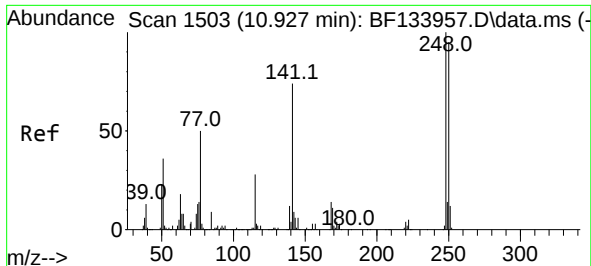
Tgt Ion:198 Resp: 49449
Ion Ratio Lower Upper
198 100
51 73.6 29.3 69.3#
105 55.6 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 46.235 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:169 Resp: 375601
Ion Ratio Lower Upper
169 100
168 65.8 52.3 78.5
167 37.0 29.4 44.0

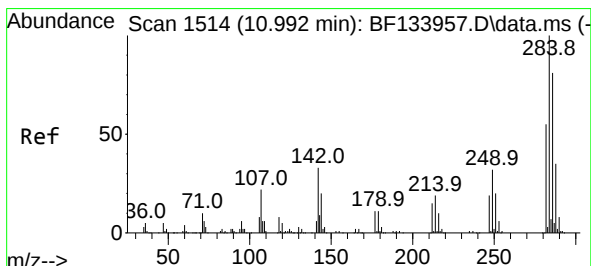
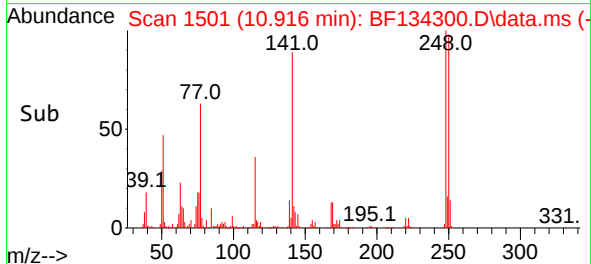
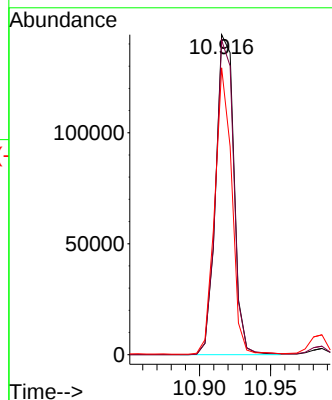
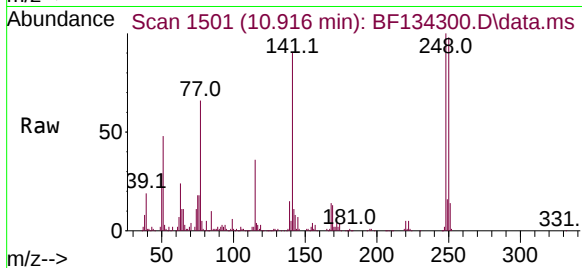




#67
4-Bromophenyl-phenylether
Concen: 47.504 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

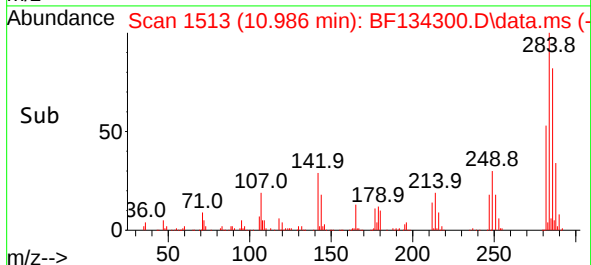
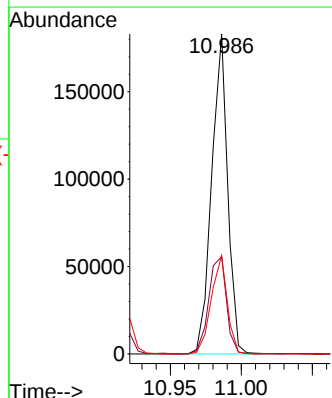
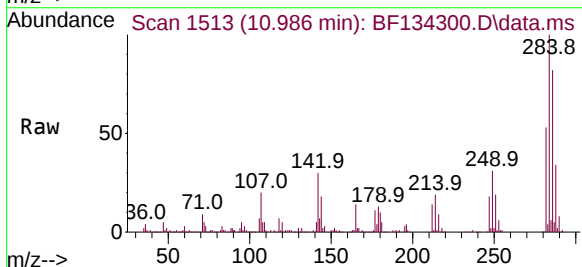
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

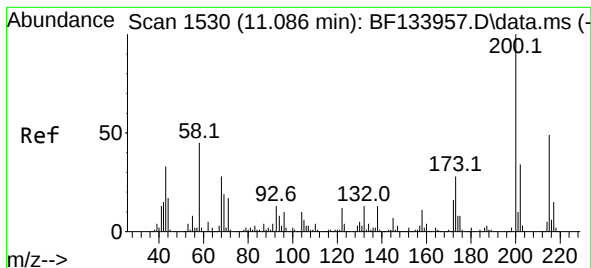
Tgt Ion:248 Resp: 128380
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.4
141 89.7 59.0 88.4#



#68
Hexachlorobenzene
Concen: 49.876 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:284 Resp: 143113
Ion Ratio Lower Upper
284 100
142 30.5 26.6 40.0
249 30.7 25.5 38.3





#69

Atrazine

Concen: 54.805 ng

RT: 11.080 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

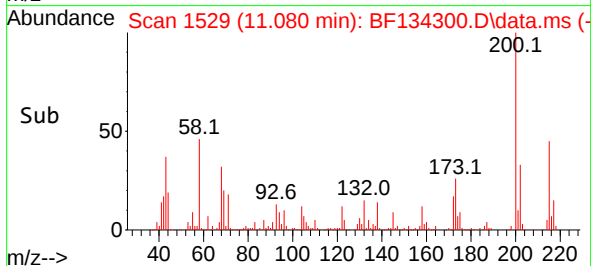
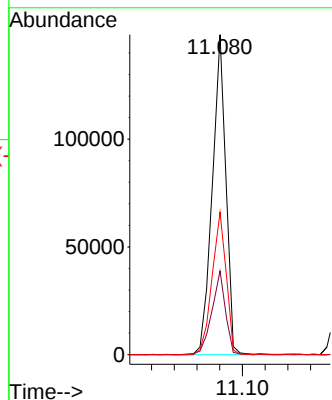
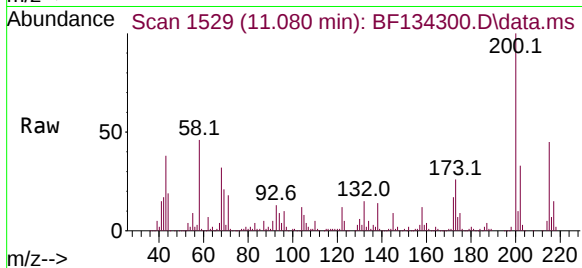
Tgt Ion:200 Resp: 123151

Ion Ratio Lower Upper

200 100

173 26.2 8.0 48.0

215 44.5 29.3 69.3



#70

Pentachlorophenol

Concen: 79.545 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

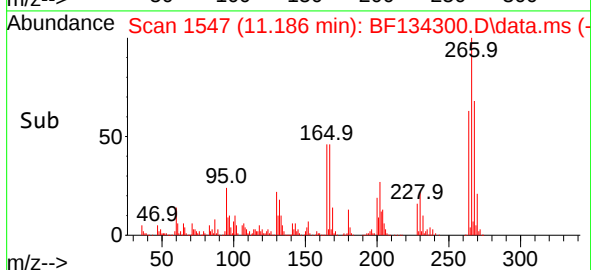
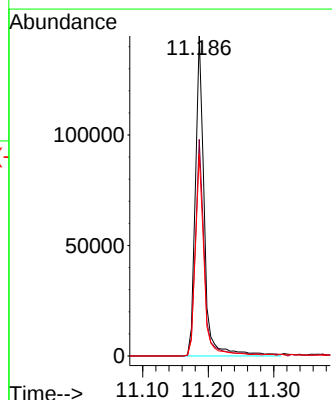
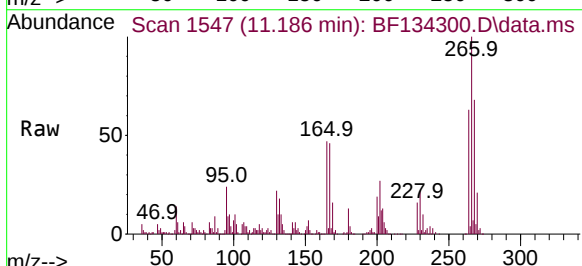
Tgt Ion:266 Resp: 136473

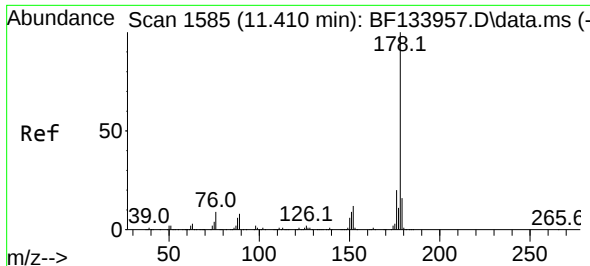
Ion Ratio Lower Upper

266 100

268 67.7 52.6 79.0

264 63.2 50.6 76.0

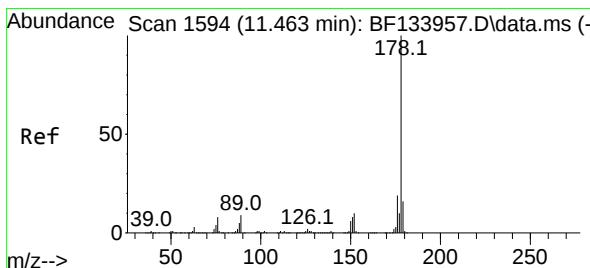
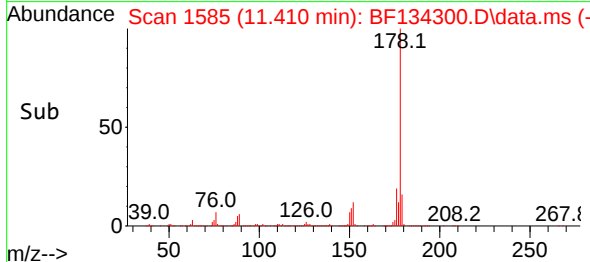
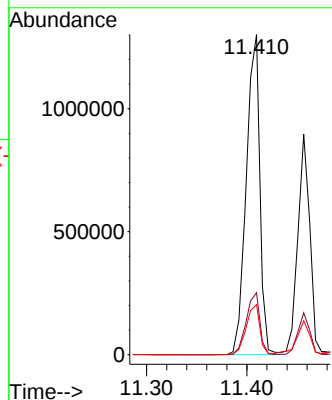
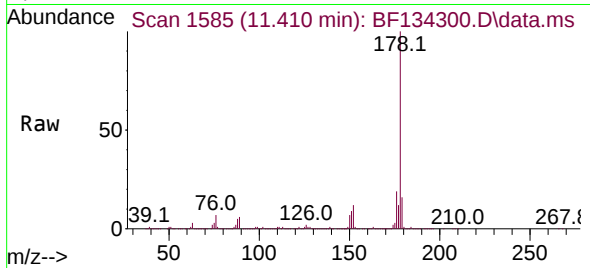




#71
Phenanthrene
Concen: 95.808 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

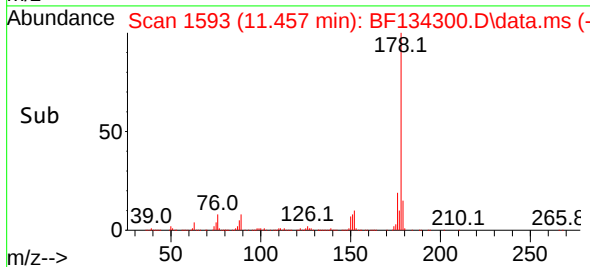
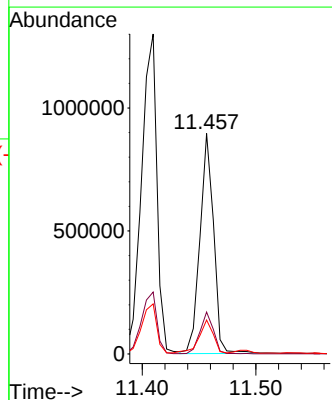
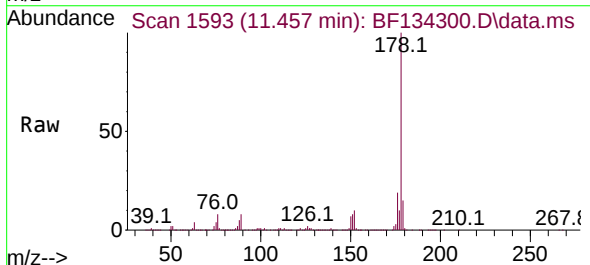
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

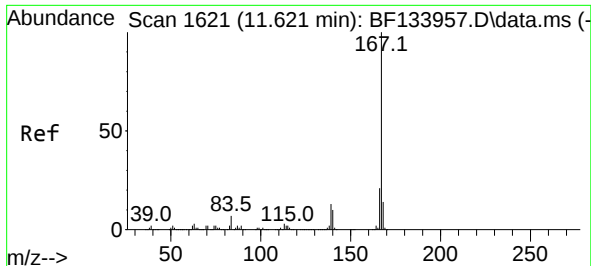
Tgt Ion:178 Resp: 1226329
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 56.277 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:178 Resp: 749236
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.4 18.6

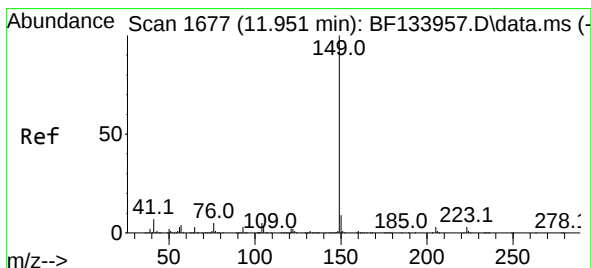
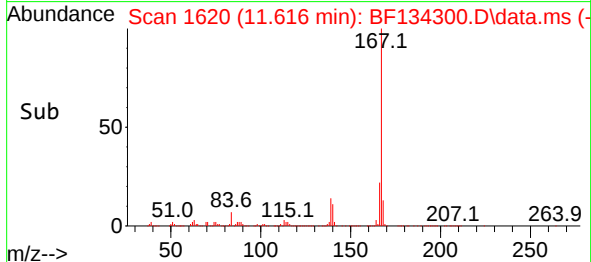
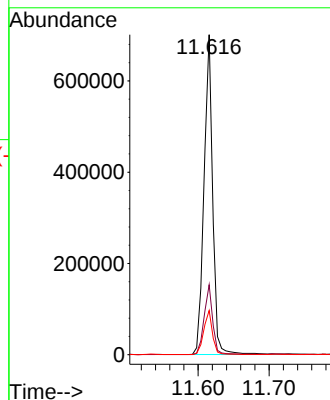
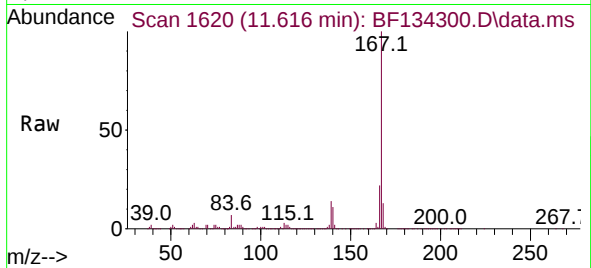




#73
 Carbazole
 Concen: 49.078 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BF134300.D
 Acq: 14 Jul 2023 20:46

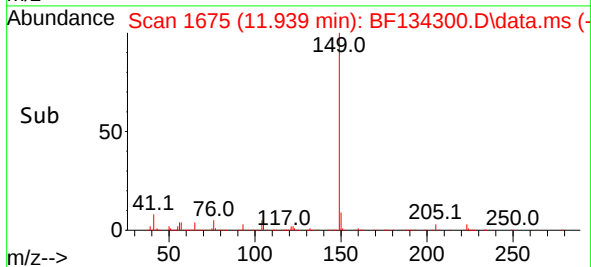
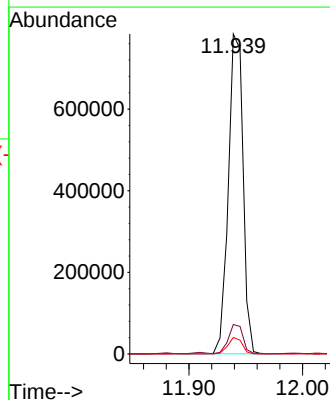
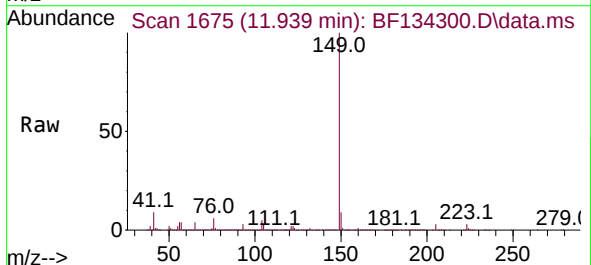
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225MS

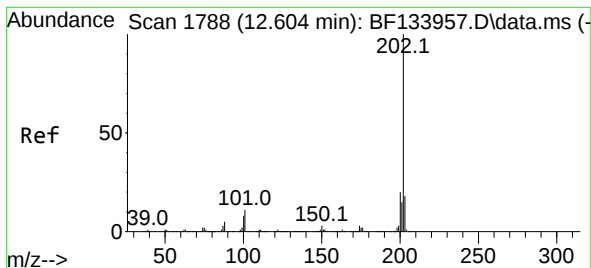
Tgt Ion:167	Resp: 598058
Ion Ratio	Lower Upper
167	100
166	21.9 17.0 25.6
139	13.8 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 48.752 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: BF134300.D
 Acq: 14 Jul 2023 20:46

Tgt Ion:149	Resp: 706473
Ion Ratio	Lower Upper
149	100
150	9.2 7.1 10.7
104	5.1 4.0 6.0





#75

Fluoranthene

Concen: 117.286 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.012 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

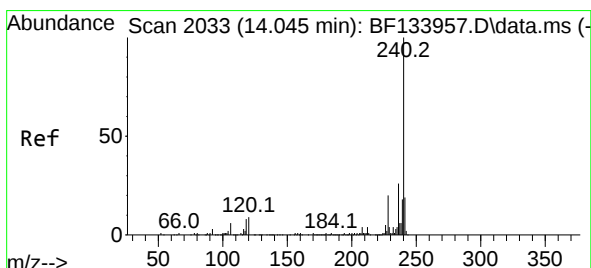
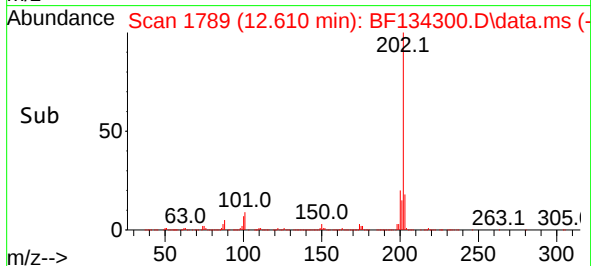
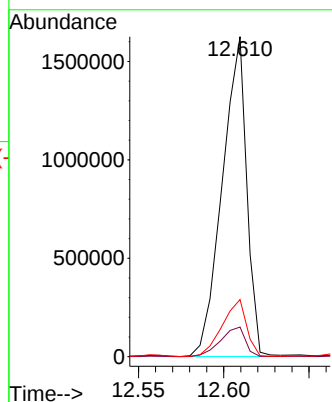
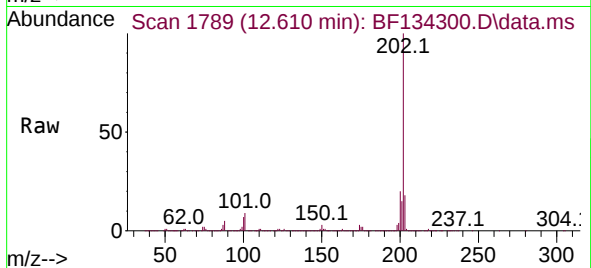
Tgt Ion:202 Resp: 1622987

Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.0

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

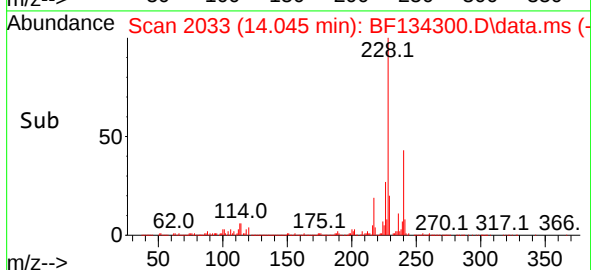
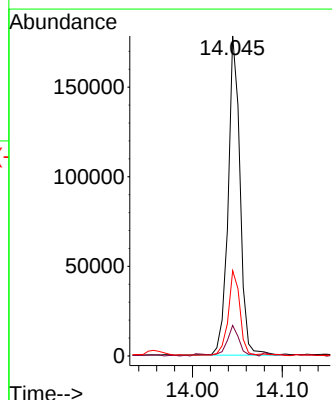
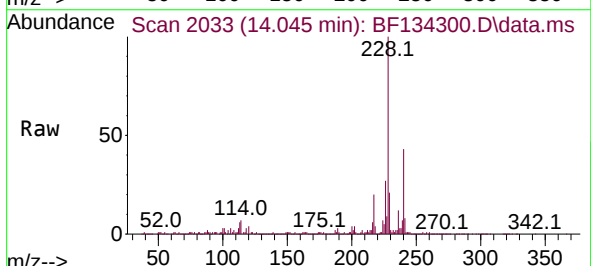
Tgt Ion:240 Resp: 164380

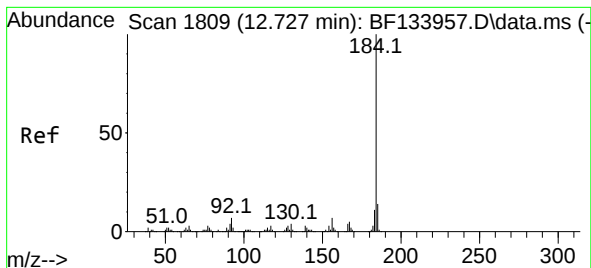
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 26.7 21.0 31.6





#77

Benzidine

Concen: 10.268 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

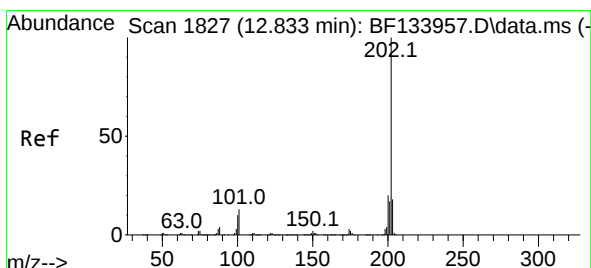
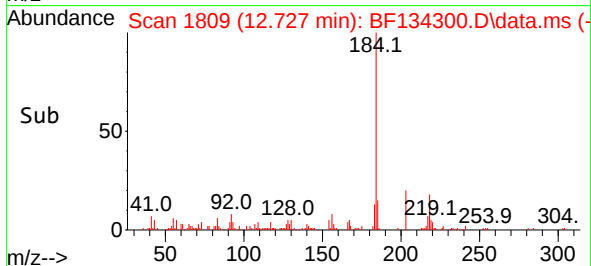
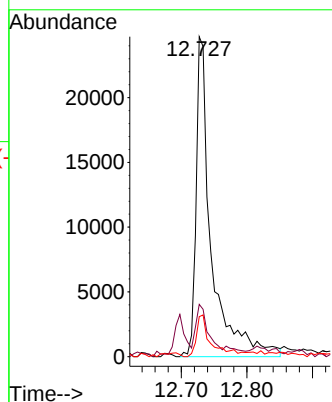
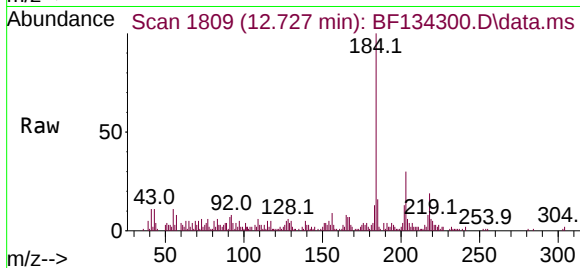
Tgt Ion:184 Resp: 40161

Ion Ratio Lower Upper

184 100

185 16.3 11.6 17.4

183 12.5 8.8 13.2



#78

Pyrene

Concen: 93.590 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.006 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

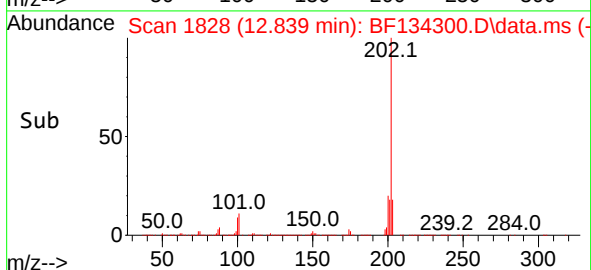
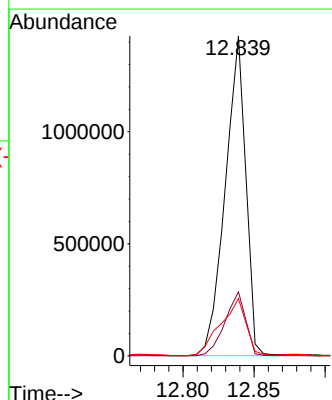
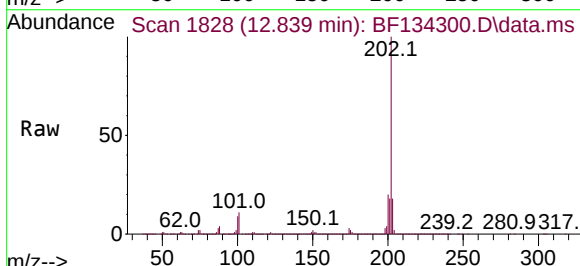
Tgt Ion:202 Resp: 1431721

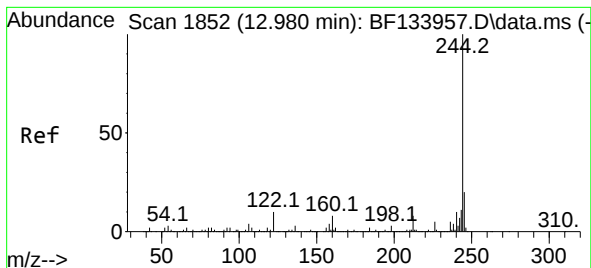
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 61.244 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

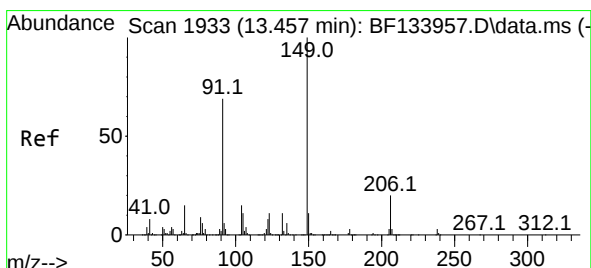
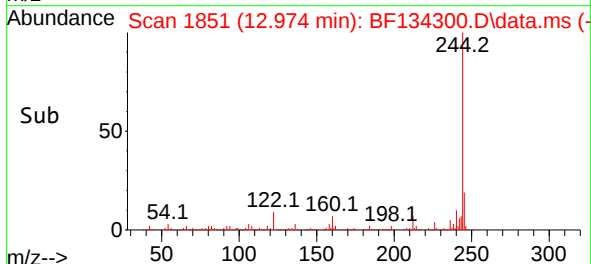
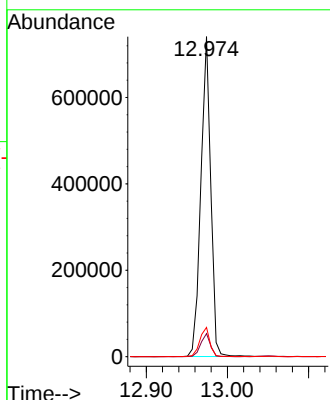
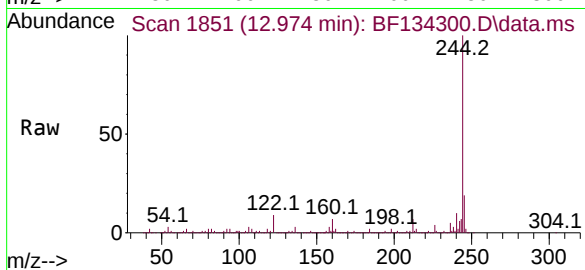
Tgt Ion:244 Resp: 625527

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.1 8.3 12.5



#80

Butylbenzylphthalate

Concen: 44.392 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

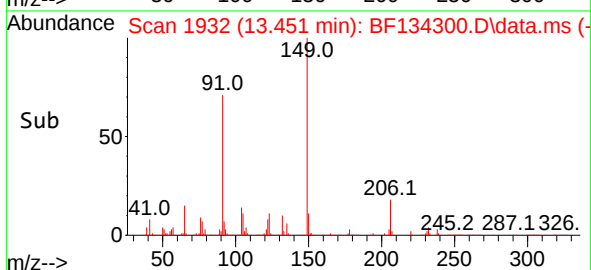
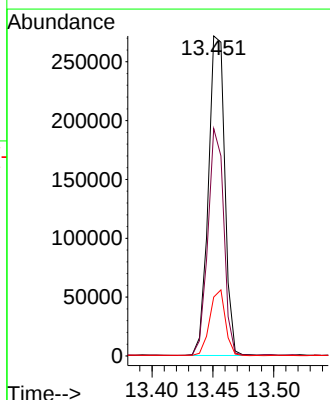
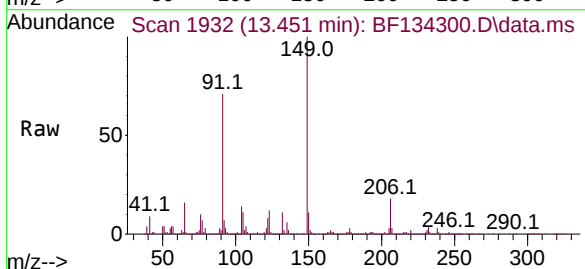
Tgt Ion:149 Resp: 254697

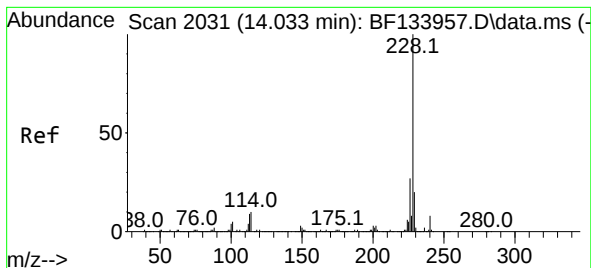
Ion Ratio Lower Upper

149 100

91 71.1 55.1 82.7

206 18.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 94.508 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

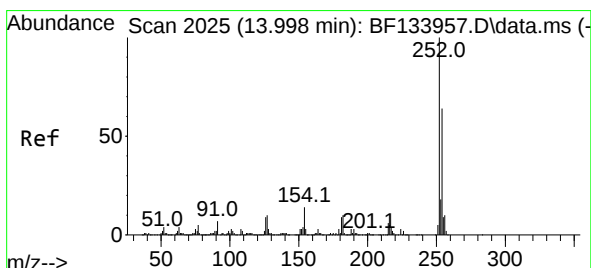
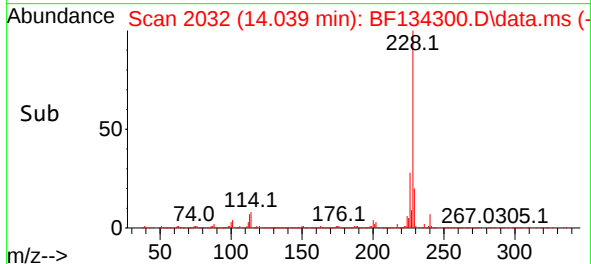
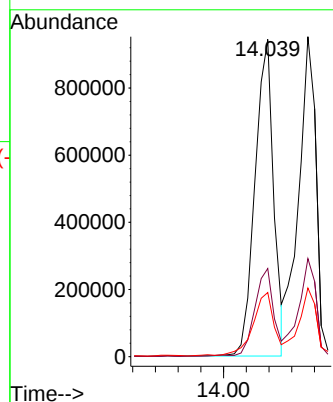
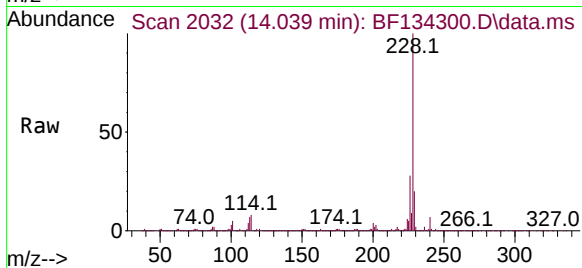
Tgt Ion:228 Resp: 1077392

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

229 20.2 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 41.779 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

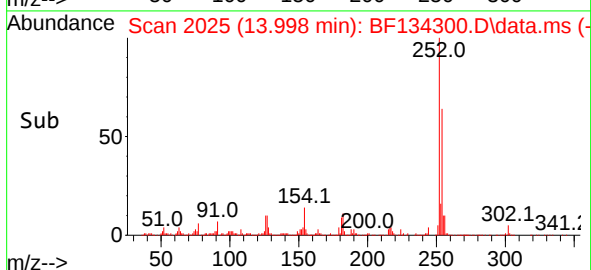
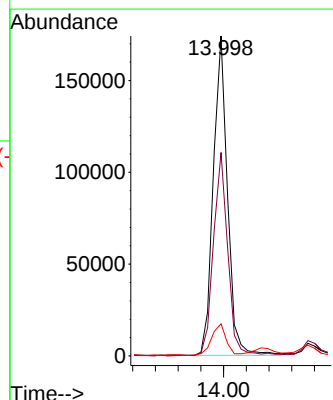
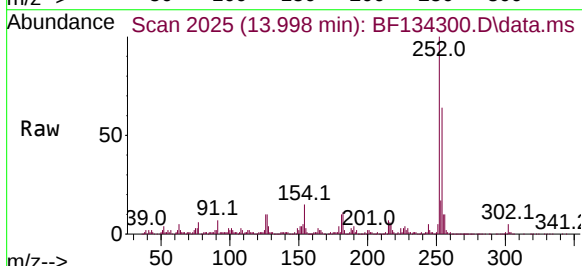
Tgt Ion:252 Resp: 150897

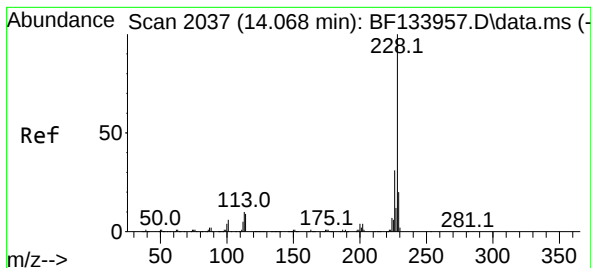
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

126 10.0 7.4 11.2





#83

Chrysene

Concen: 92.687 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

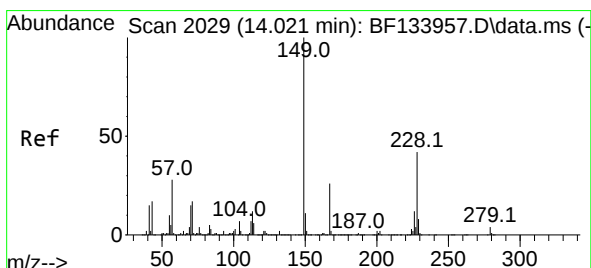
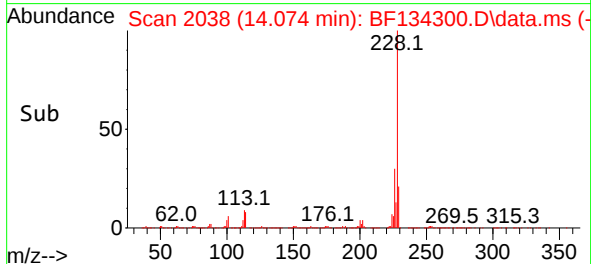
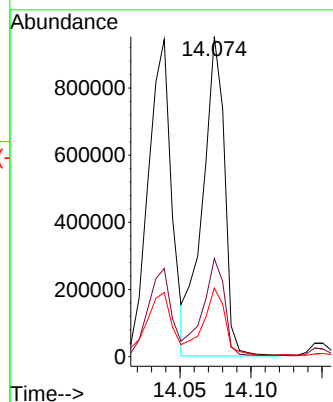
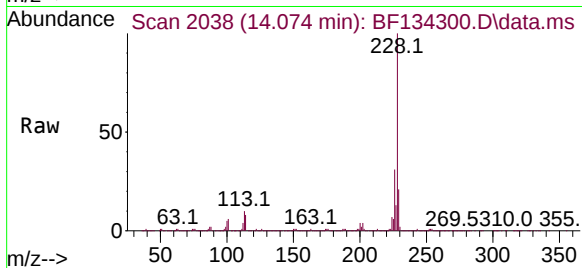
Tgt Ion:228 Resp: 1023420

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 21.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.031 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

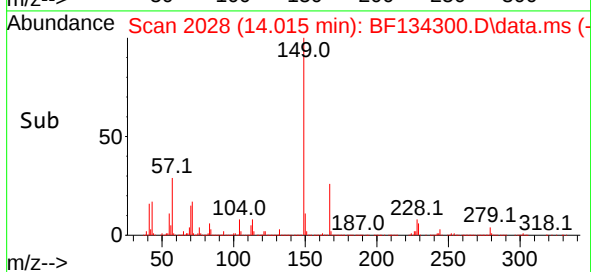
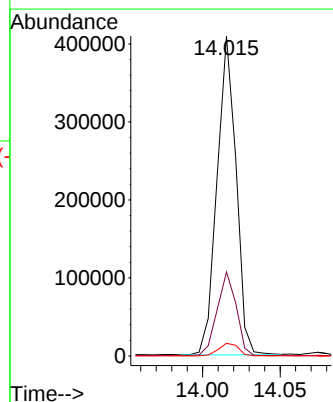
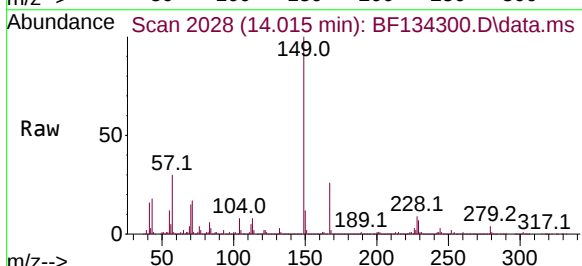
Tgt Ion:149 Resp: 349615

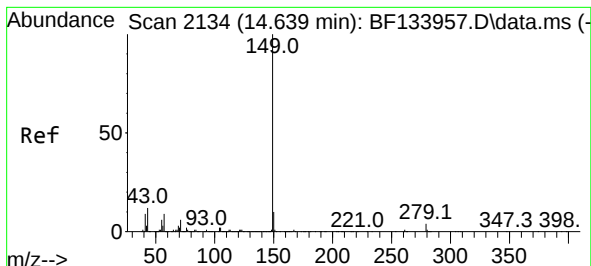
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 4.0 3.3 4.9

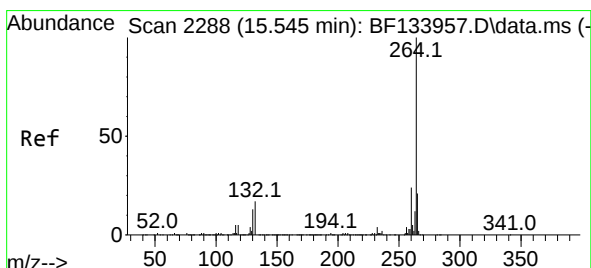
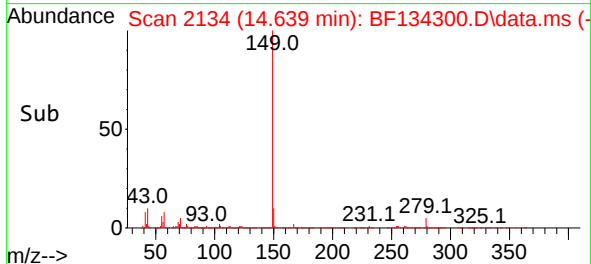
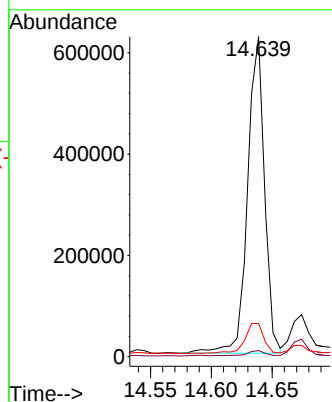
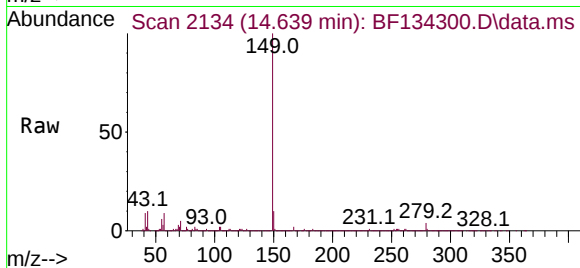




#85
Di-n-octyl phthalate
Concen: 62.683 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

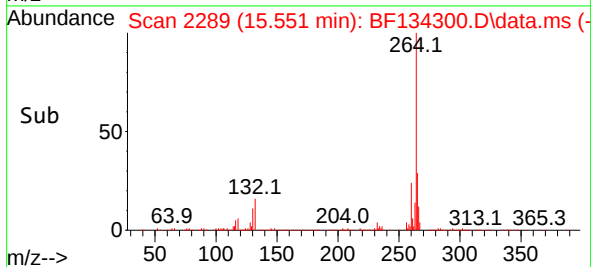
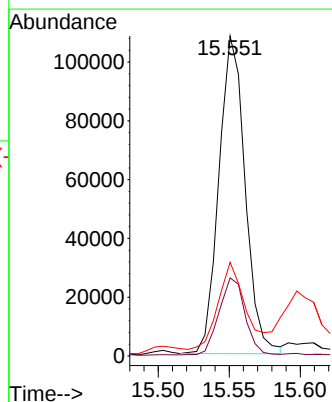
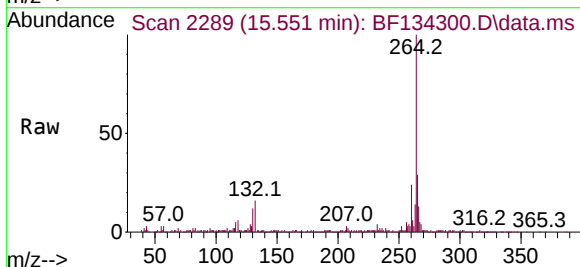
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

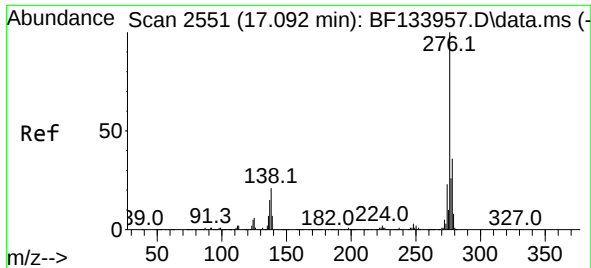
Tgt Ion:149 Resp: 607209
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:264 Resp: 138845
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 29.3 16.6 25.0#

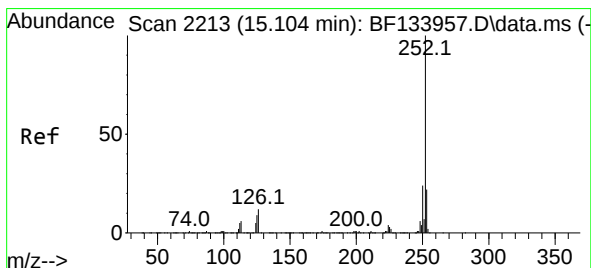
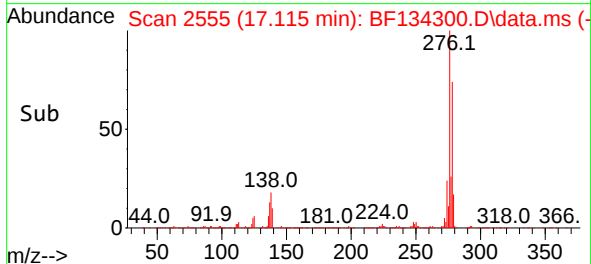
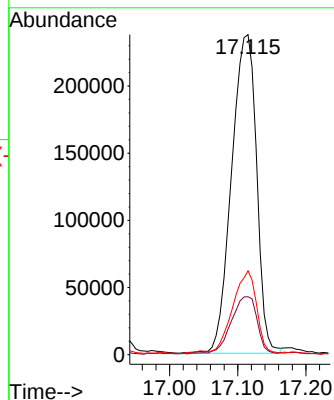
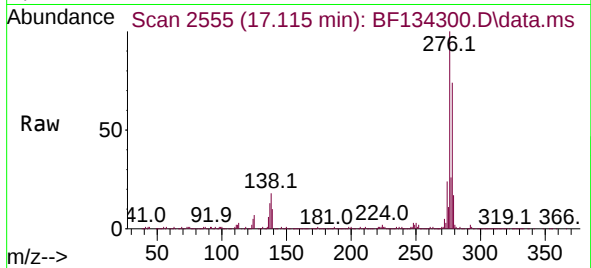




#87
Indeno(1,2,3-cd)pyrene
Concen: 62.761 ng
RT: 17.115 min Scan# 2115
Delta R.T. 0.018 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

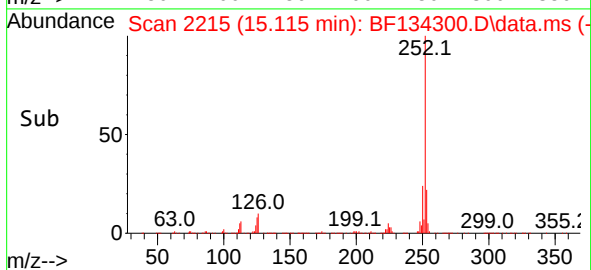
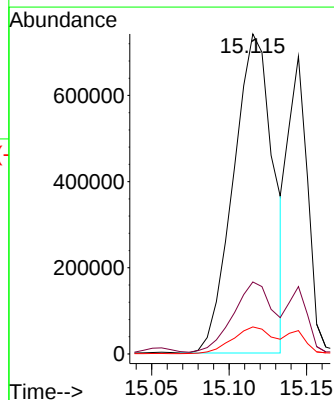
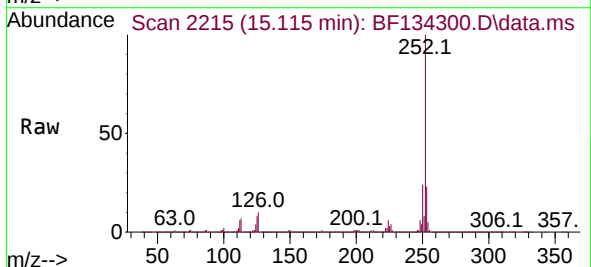
Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

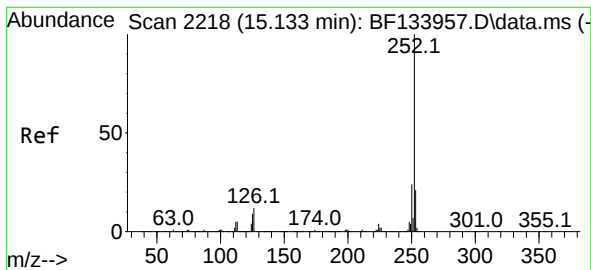
Tgt Ion:276 Resp: 604670
Ion Ratio Lower Upper
276 100
138 18.8 18.7 28.1
277 25.1 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 161.434 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:252 Resp: 1317977
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 73.270 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

Instrument :

BNA_F

ClientSampleId :

VNJ-225MS

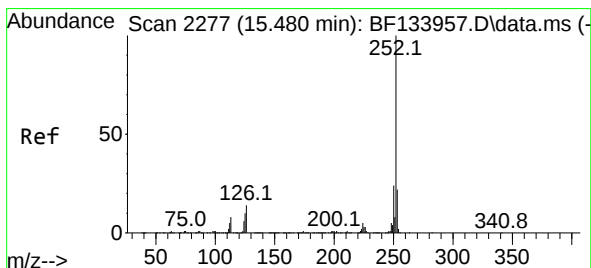
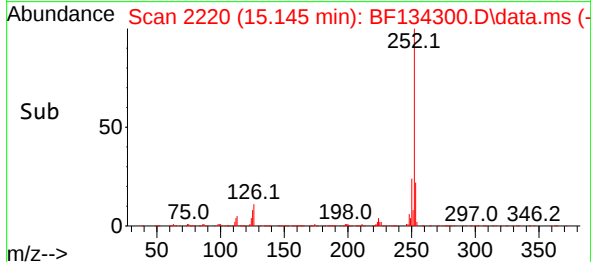
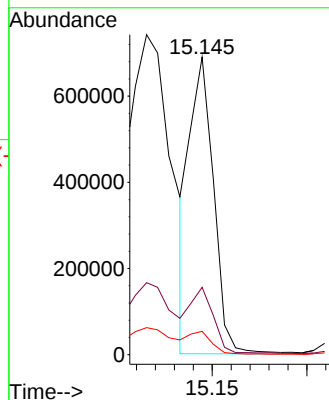
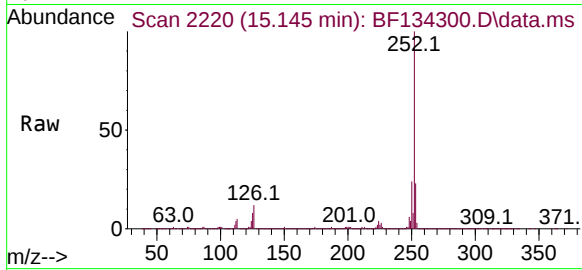
Tgt Ion:252 Resp: 609050

Ion Ratio Lower Upper

252 100

253 22.7 16.9 25.3

125 7.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 94.244 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.018 min

Lab File: BF134300.D

Acq: 14 Jul 2023 20:46

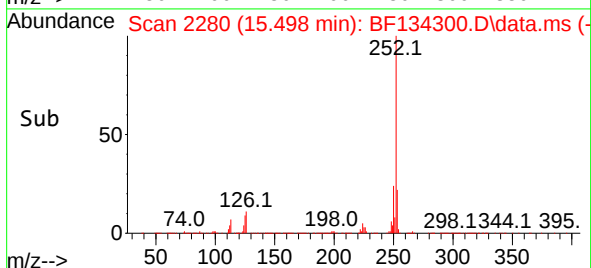
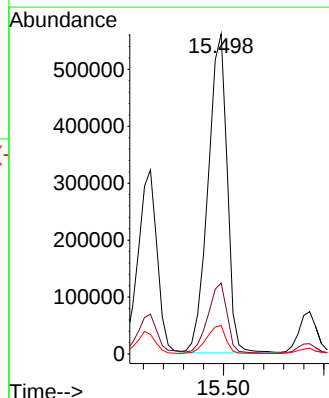
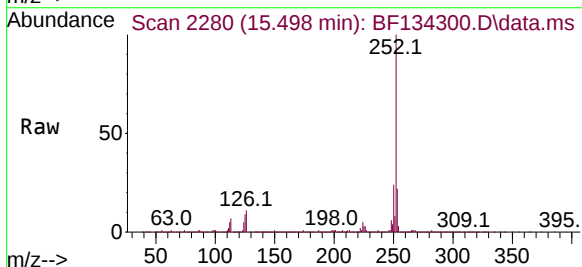
Tgt Ion:252 Resp: 744027

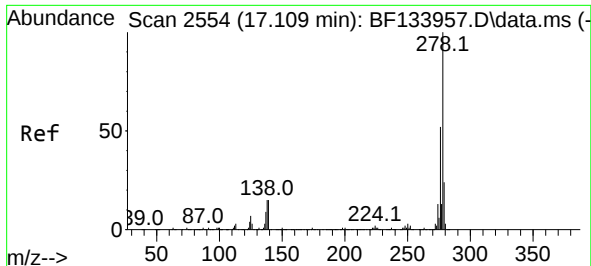
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 8.9 8.4 12.6

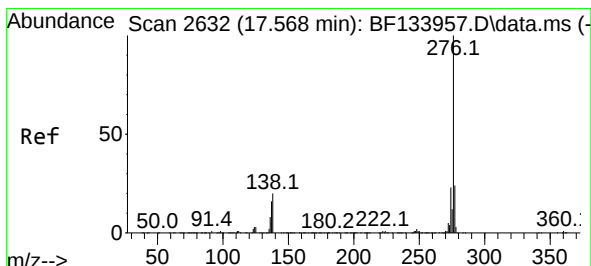
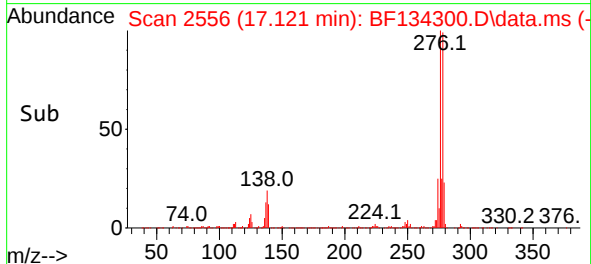
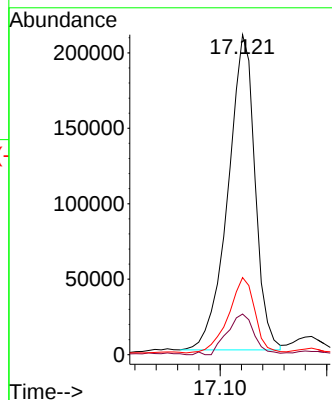
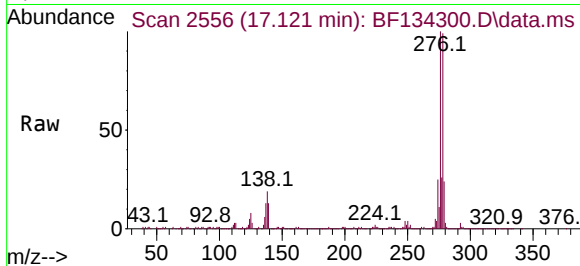




#91
Dibenzo(a,h)anthracene
Concen: 46.812 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Instrument :
BNA_F
ClientSampleId :
VNJ-225MS

Tgt Ion:278 Resp: 368378
Ion Ratio Lower Upper
278 100
139 12.7 12.2 18.4
279 24.1 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 61.779 ng
RT: 17.586 min Scan# 2635
Delta R.T. 0.018 min
Lab File: BF134300.D
Acq: 14 Jul 2023 20:46

Tgt Ion:276 Resp: 501346
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 16.1 16.2 24.2#

