

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134068.D
 Acq On : 01 Jul 2023 00:22
 Operator : CG\JU
 Sample : 03471-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

Quant Time: Jul 01 04:35:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	108654	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	410744	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	198188	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	321680	20.000	ng	0.00
76) Chrysene-d12	14.045	240	201788	20.000	ng	0.00
86) Perylene-d12	15.545	264	192019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	754626	116.177	ng	0.00
7) Phenol-d6	6.493	99	910549	113.988	ng	0.00
23) Nitrobenzene-d5	7.416	82	633653	83.160	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	256414	103.190	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1151944	84.506	ng	0.00
79) Terphenyl-d14	12.975	244	908889	72.491	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	102331	38.208	ng	96
3) Pyridine	3.475	79	278932	39.983	ng	98
4) n-Nitrosodimethylamine	3.440	42	197576	49.588	ng	98
6) Aniline	6.516	93	424399	43.660	ng	96
8) 2-Chlorophenol	6.634	128	349534	53.010	ng	99
9) Benzaldehyde	6.404	77	245593	67.705	ng	97
10) Phenol	6.504	94	409582	48.766	ng	87
11) bis(2-Chloroethyl)ether	6.587	93	306858	49.626	ng	98
12) 1,3-Dichlorobenzene	6.787	146	363160	51.661	ng	98
13) 1,4-Dichlorobenzene	6.863	146	365209	51.436	ng	99
14) 1,2-Dichlorobenzene	7.016	146	349550	52.566	ng	99
15) Benzyl Alcohol	6.993	79	321019	52.129	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	548094	50.103	ng	98
17) 2-Methylphenol	7.104	107	282991	47.928	ng	97
18) Hexachloroethane	7.357	117	138217	52.500	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	247074	48.773	ng	97
20) 3+4-Methylphenols	7.257	107	339023	47.329	ng	92
22) Acetophenone	7.257	105	470923	50.413	ng	95
24) Nitrobenzene	7.434	77	383875	49.854	ng	94
25) Isophorone	7.669	82	687266	49.628	ng	99
26) 2-Nitrophenol	7.745	139	190321	51.525	ng	97
27) 2,4-Dimethylphenol	7.787	122	303550	51.916	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	395620	49.338	ng	99
29) 2,4-Dichlorophenol	7.987	162	291936	50.352	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	305786	51.113	ng	98
31) Naphthalene	8.151	128	958318	48.302	ng	100
32) Benzoic acid	7.904	122	131420	29.995	ng	98
33) 4-Chloroaniline	8.198	127	216999	25.569	ng	99
34) Hexachlorobutadiene	8.263	225	196367	52.034	ng	98
35) Caprolactam	8.587	113	74985	39.279	ng	96
36) 4-Chloro-3-methylphenol	8.687	107	327388	50.264	ng	98
37) 2-Methylnaphthalene	8.845	142	658739	46.952	ng	99
38) 1-Methylnaphthalene	8.945	142	607600	46.584	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	309838	52.769	ng	99
41) Hexachlorocyclopentadiene	8.992	237	198832	71.378	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	208034	52.047	ng	99

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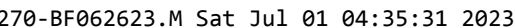
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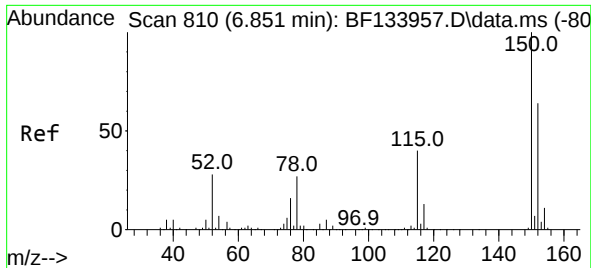
Quant Time: Jul 01 04:35:19 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	223764	47.592	ng	93
46) 1,1'-Biphenyl	9.310	154	815051	51.268	ng	99
47) 2-Chloronaphthalene	9.334	162	607626	52.238	ng	98
48) 2-Nitroaniline	9.434	65	212453	50.116	ng	98
49) Acenaphthylene	9.751	152	988990	49.772	ng	99
50) Dimethylphthalate	9.616	163	732821	50.938	ng	99
51) 2,6-Dinitrotoluene	9.681	165	159939	51.616	ng	95
52) Acenaphthene	9.922	154	579822	50.289	ng	99
53) 3-Nitroaniline	9.845	138	140253	37.730	ng	99
54) 2,4-Dinitrophenol	9.957	184	67047	39.522	ng	95
55) Dibenzofuran	10.098	168	853351	47.358	ng	100
56) 4-Nitrophenol	10.016	139	216826	83.388	ng	94
57) 2,4-Dinitrotoluene	10.086	165	197789	48.334	ng	93
58) Fluorene	10.439	166	673606	48.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	168242	45.365	ng	99
60) Diethylphthalate	10.316	149	750619	50.080	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	328575	48.635	ng	94
62) 4-Nitroaniline	10.463	138	144309	38.521	ng	95
63) Azobenzene	10.592	77	719757	50.766	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	54911	31.310	ng	80
66) n-Nitrosodiphenylamine	10.551	169	590106	57.416	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	196444	57.455	ng	94
68) Hexachlorobenzene	10.986	284	205671	56.655	ng	95
69) Atrazine	11.081	200	183037	64.384	ng	98
70) Pentachlorophenol	11.186	266	179467	82.681	ng	99
71) Phenanthrene	11.410	178	1064816	65.754	ng	99
72) Anthracene	11.457	178	872708	51.813	ng	99
73) Carbazole	11.616	167	748542	48.553	ng	99
74) Di-n-butylphthalate	11.945	149	1009307	55.052	ng	98
75) Fluoranthene	12.604	202	1156700	66.070	ng	99
77) Benzidine	12.727	184	342377	71.308	ng	99
78) Pyrene	12.833	202	1151482	61.317	ng	100
80) Butylbenzylphthalate	13.457	149	342569	48.639	ng	96
81) Benzo(a)anthracene	14.033	228	892791	63.796	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	231853	52.293	ng	98
83) Chrysene	14.074	228	839464	61.933	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	479617	59.264	ng	99
85) Di-n-octyl phthalate	14.639	149	842932	70.886	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	598411	44.912	ng	98
88) Benzo(b)fluoranthene	15.104	252	882024	78.118	ng	100
89) Benzo(k)fluoranthene	15.139	252	699378	60.837	ng	98
90) Benzo(a)pyrene	15.486	252	676355	61.948	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	441453	40.563	ng	99
92) Benzo(g,h,i)perylene	17.568	276	469861	41.866	ng	99

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

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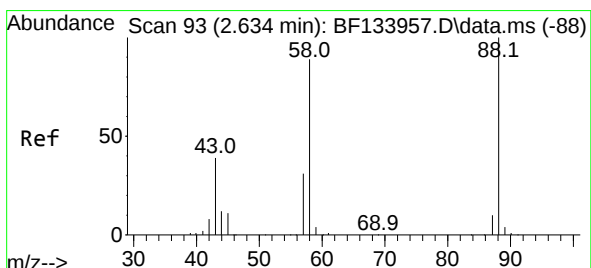
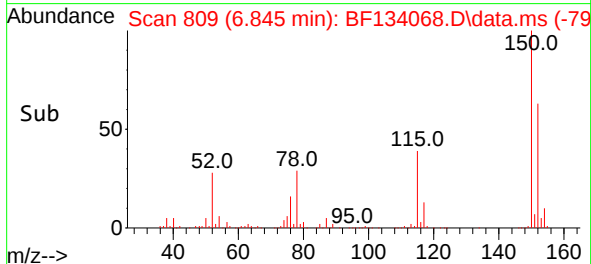
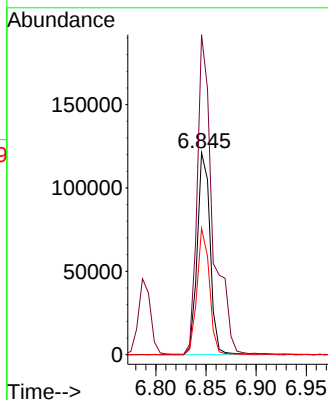
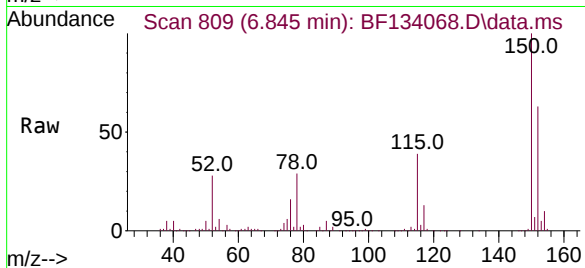




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134068.D
 Acq: 01 Jul 2023 00:22

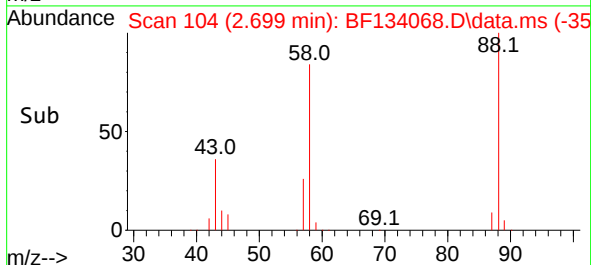
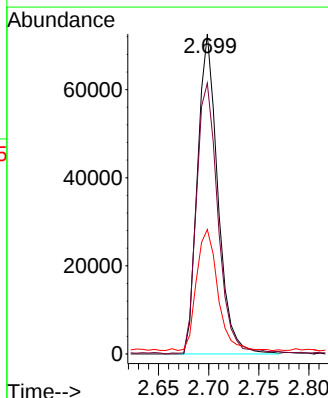
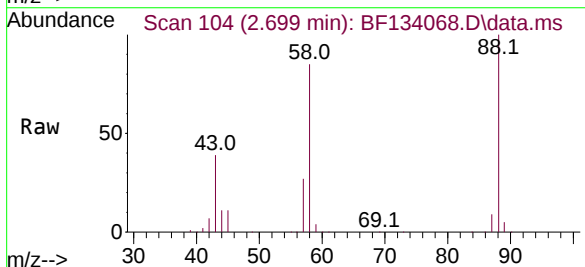
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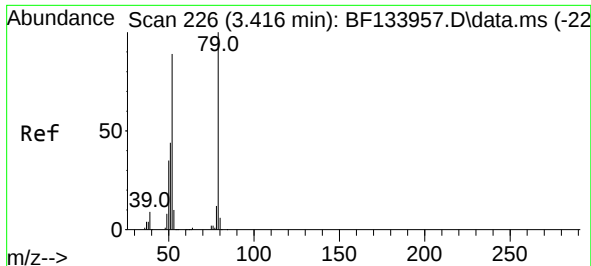
Tgt Ion:152 Resp: 108654
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.5 186.7
 115 62.6 50.2 75.2



#2
 1,4-Dioxane
 Concen: 38.208 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.053 min
 Lab File: BF134068.D
 Acq: 01 Jul 2023 00:22

Tgt Ion: 88 Resp: 102331
 Ion Ratio Lower Upper
 88 100
 58 90.6 68.8 103.2
 43 39.5 30.7 46.1





#3

Pyridine

Concen: 39.983 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

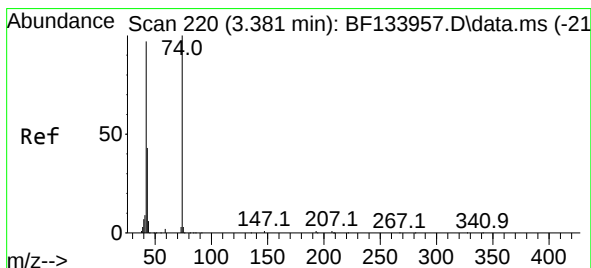
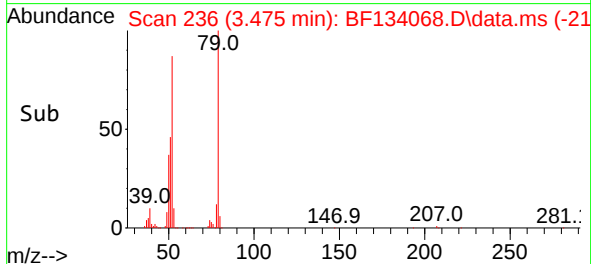
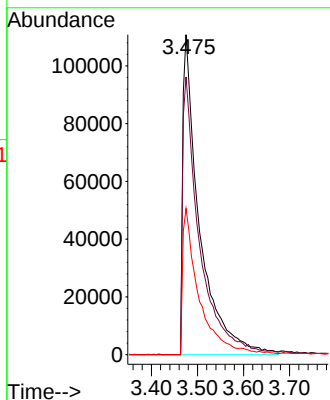
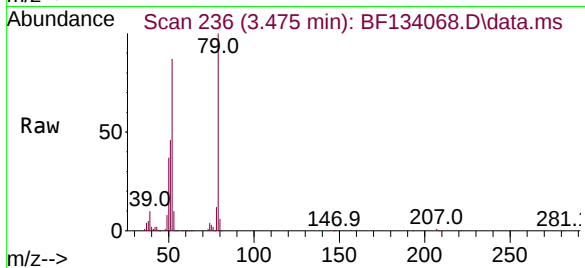
Tgt Ion: 79 Resp: 278932

Ion Ratio Lower Upper

79 100

52 86.8 71.1 106.7

51 45.7 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 49.588 ng

RT: 3.440 min Scan# 230

Delta R.T. 0.035 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

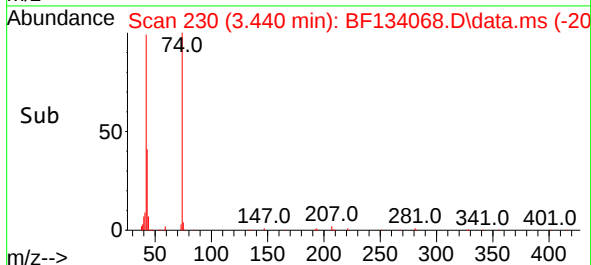
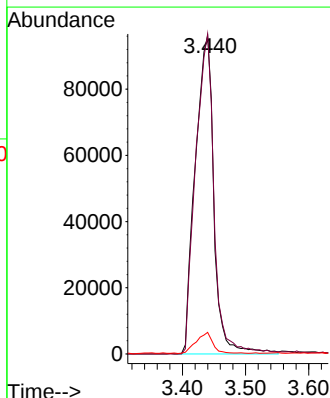
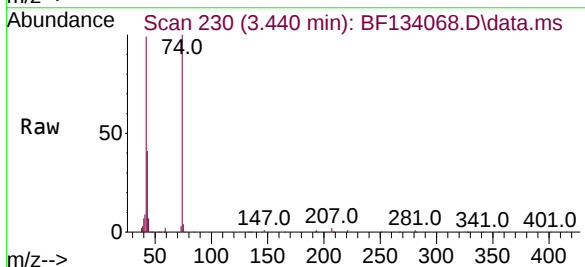
Tgt Ion: 42 Resp: 197576

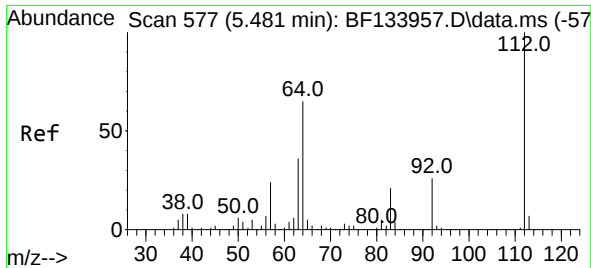
Ion Ratio Lower Upper

42 100

74 100.5 82.4 123.6

44 6.8 4.9 7.3

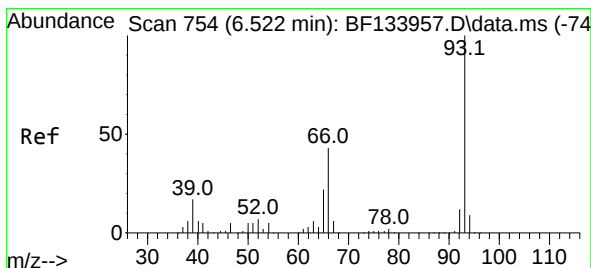
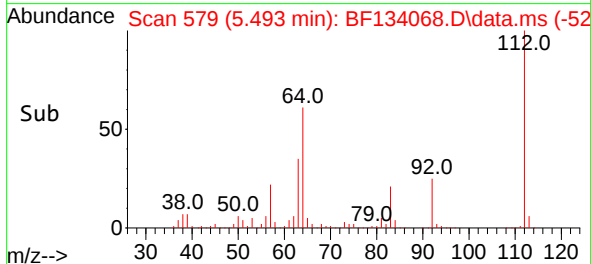
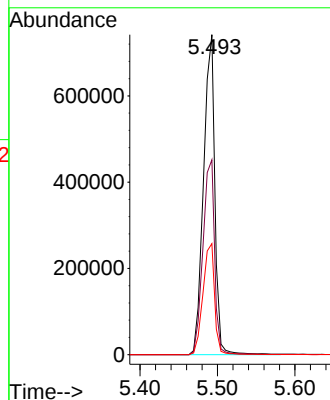
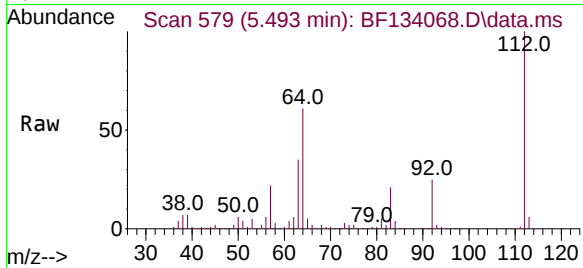




#5
2-Fluorophenol
Concen: 116.177 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

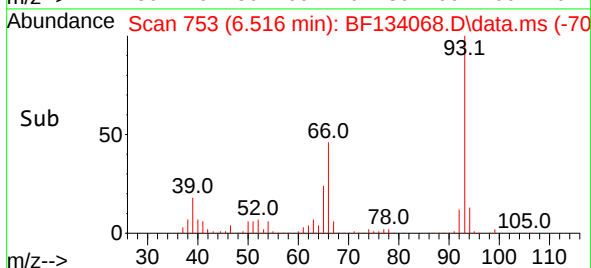
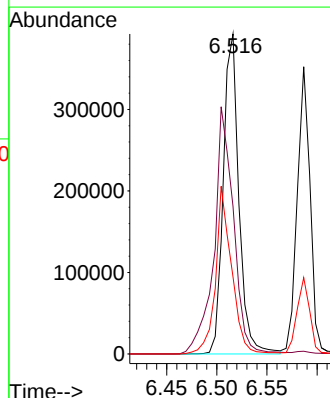
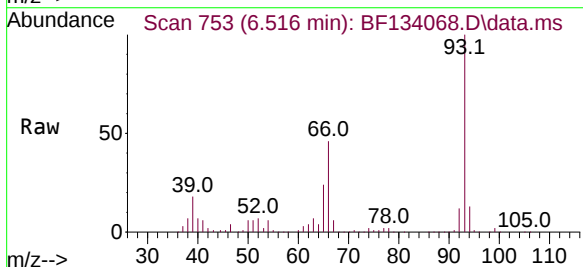
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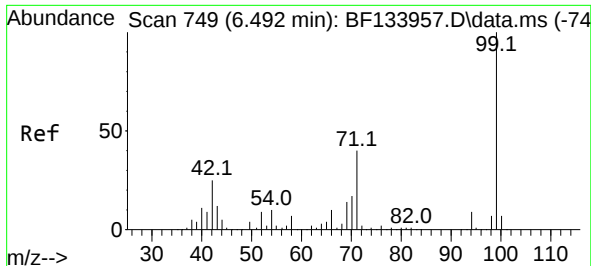
Tgt Ion:112 Resp: 754626
Ion Ratio Lower Upper
112 100
64 60.9 52.1 78.1
63 34.7 28.6 42.8



#6
Aniline
Concen: 43.660 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 93 Resp: 424399
Ion Ratio Lower Upper
93 100
66 46.1 34.5 51.7
65 24.1 17.8 26.6





#7

Phenol-d6

Concen: 113.988 ng

RT: 6.493 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

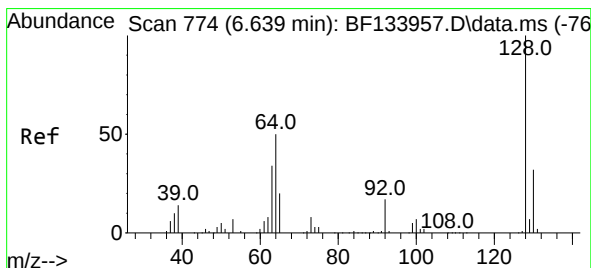
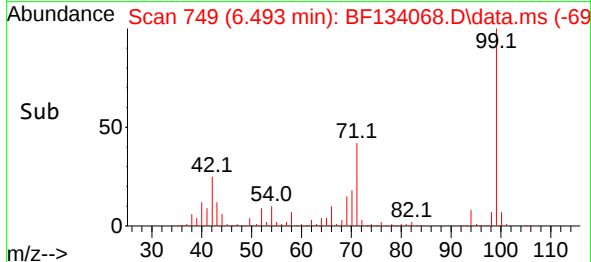
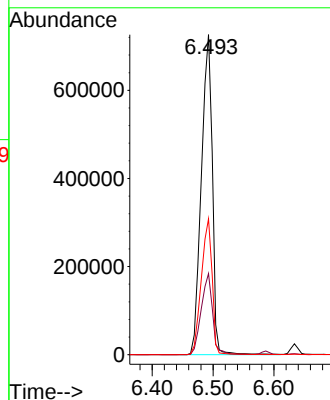
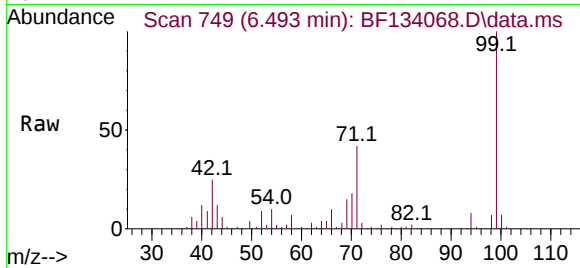
Tgt Ion: 99 Resp: 910549

Ion Ratio Lower Upper

99 100

42 25.4 19.8 29.6

71 42.5 31.9 47.9



#8

2-Chlorophenol

Concen: 53.010 ng

RT: 6.634 min Scan# 773

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

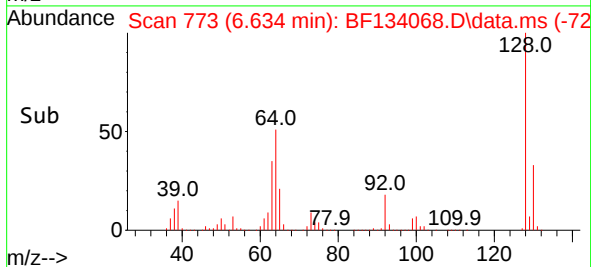
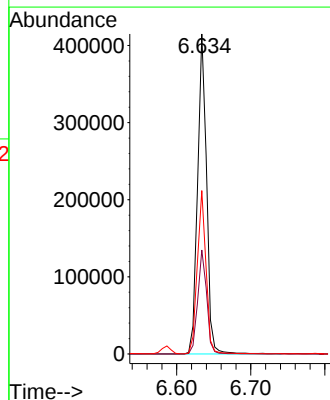
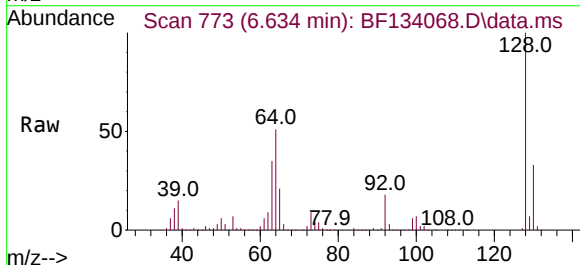
Tgt Ion:128 Resp: 349534

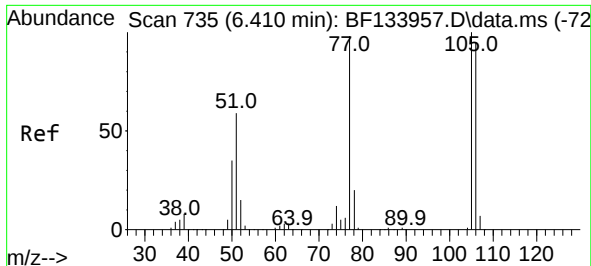
Ion Ratio Lower Upper

128 100

130 32.5 11.7 51.7

64 51.0 31.3 71.3

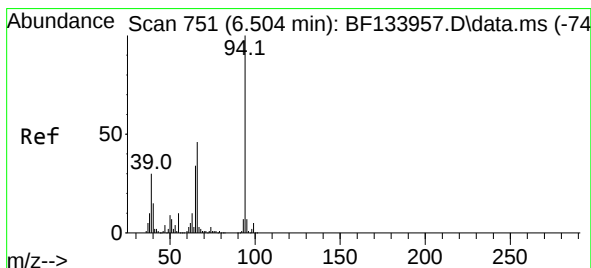
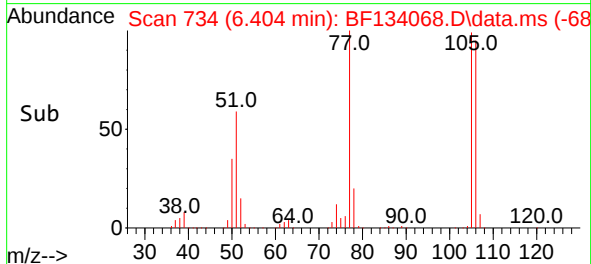
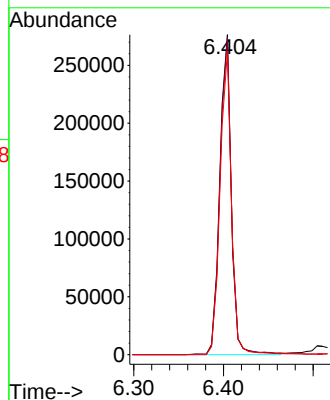
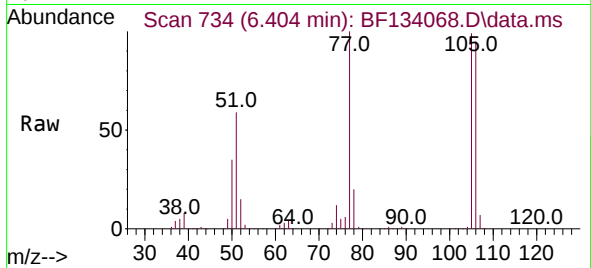




#9
Benzaldehyde
Concen: 67.705 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

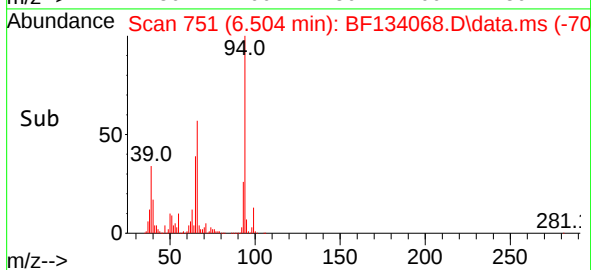
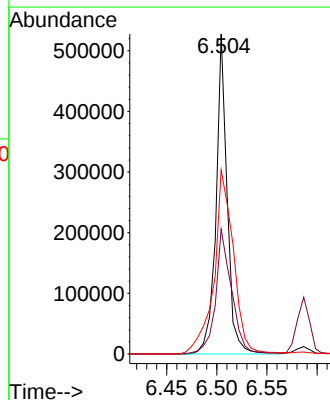
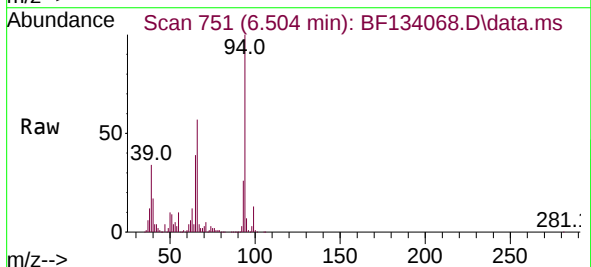
Instrument :
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ClientSampleId :
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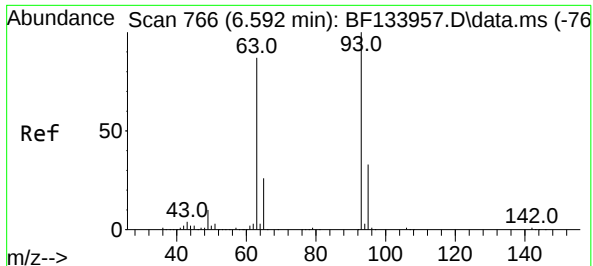
Tgt Ion: 77 Resp: 245593
Ion Ratio Lower Upper
77 100
105 99.1 82.0 122.0
106 94.7 76.9 116.9



#10
Phenol
Concen: 48.766 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 94 Resp: 409582
Ion Ratio Lower Upper
94 100
65 39.0 14.2 54.2
66 57.5 26.4 66.4

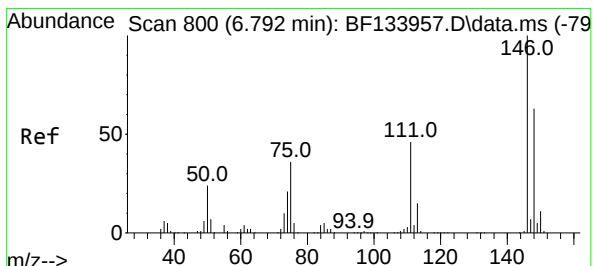
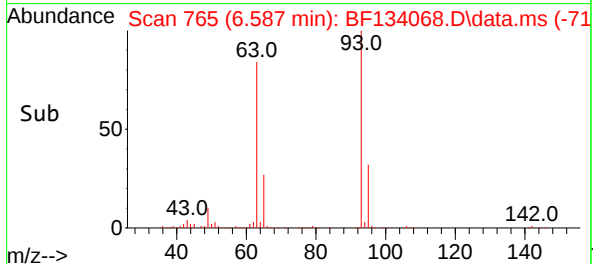
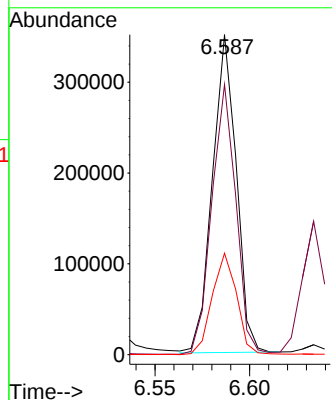
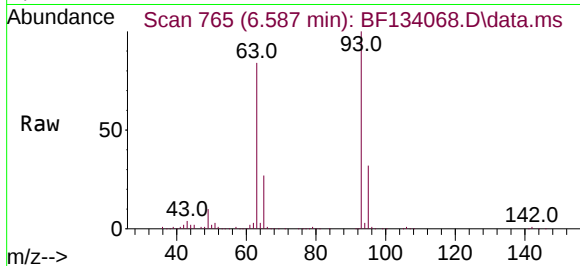




#11
bis(2-Chloroethyl)ether
Concen: 49.626 ng
RT: 6.587 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

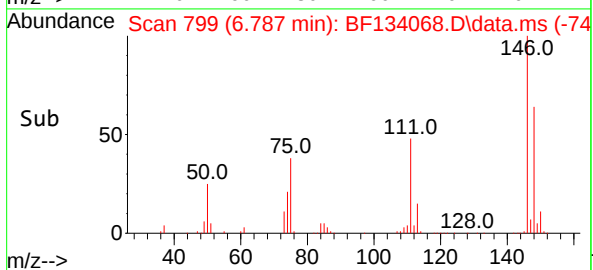
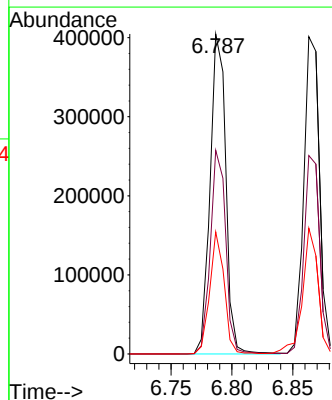
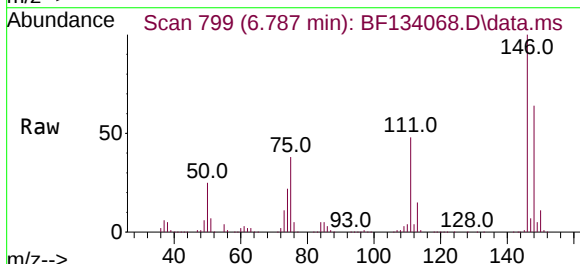
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

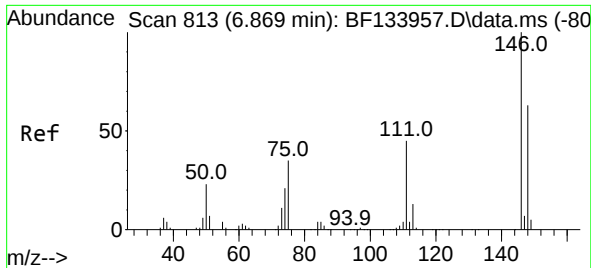
Tgt Ion: 93 Resp: 306858
Ion Ratio Lower Upper
93 100
63 84.5 66.5 106.5
95 31.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 51.661 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 146 Resp: 363160
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 38.2 29.0 43.6

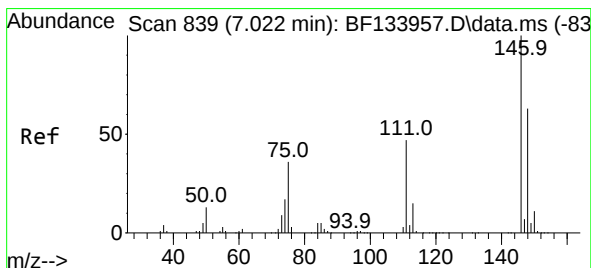
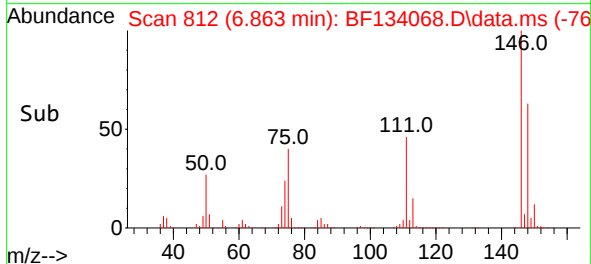
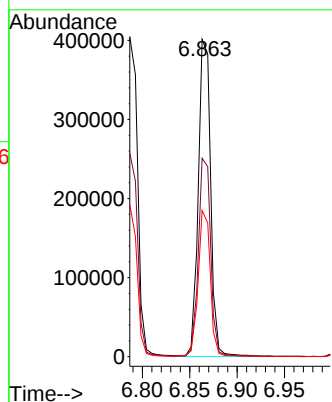
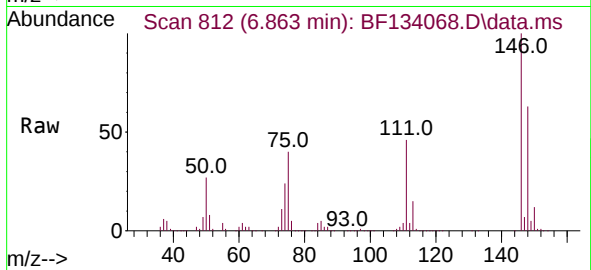




#13
1,4-Dichlorobenzene
Concen: 51.436 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

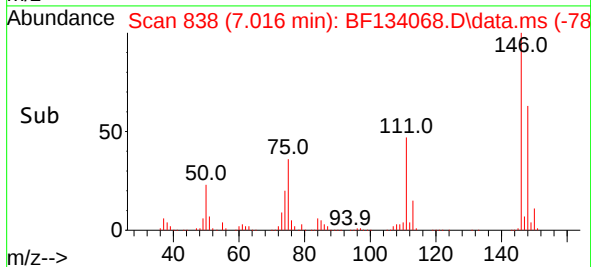
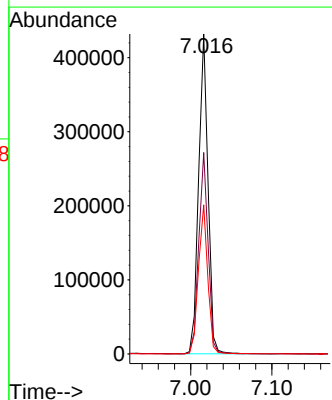
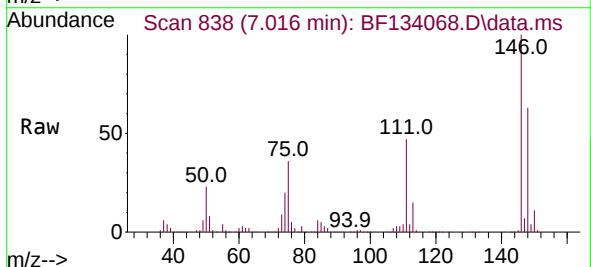
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:146 Resp: 365209
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 46.1 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 52.566 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:146 Resp: 349550
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
111 46.6 38.0 57.0

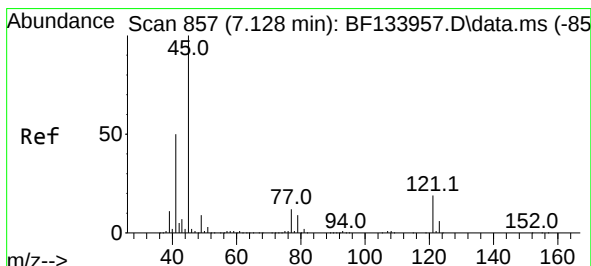
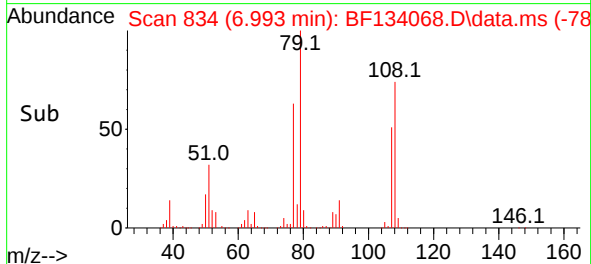
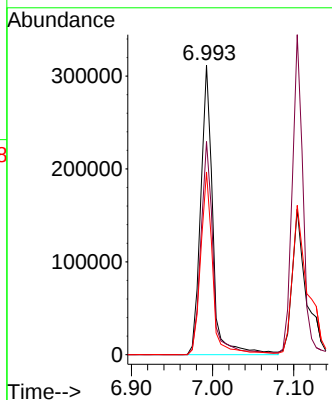
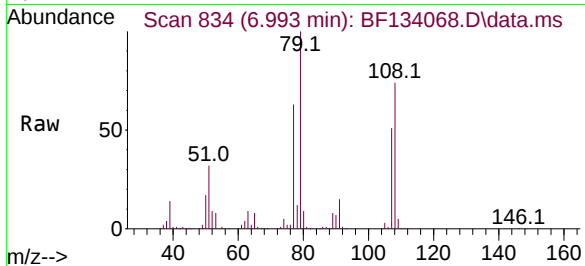




#15
Benzyl Alcohol
Concen: 52.129 ng
RT: 6.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

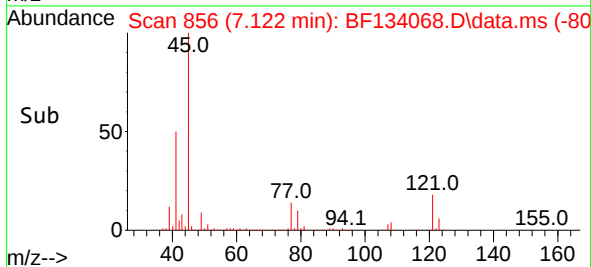
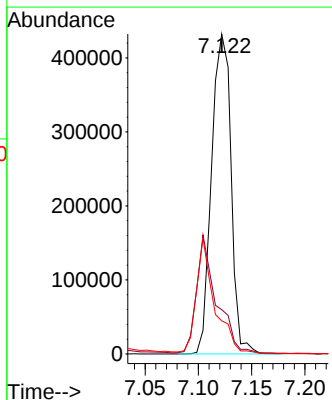
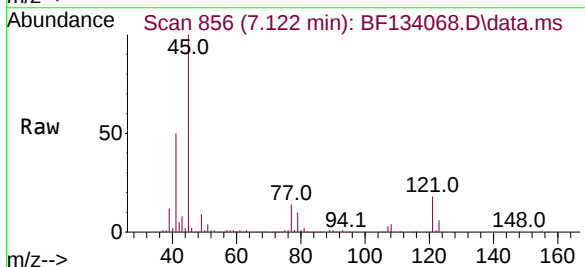
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

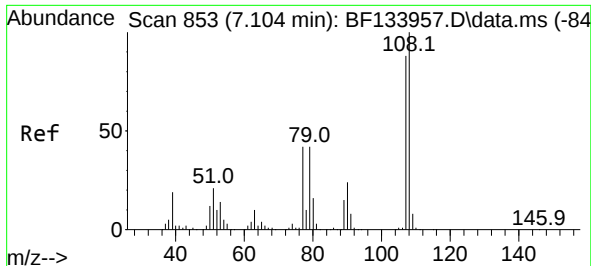
Tgt Ion: 79 Resp: 321019
Ion Ratio Lower Upper
79 100
108 73.6 60.7 91.1
77 63.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.103 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 45 Resp: 548094
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.9
79 10.4 0.0 29.5

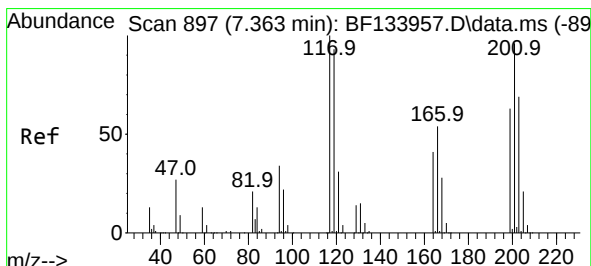
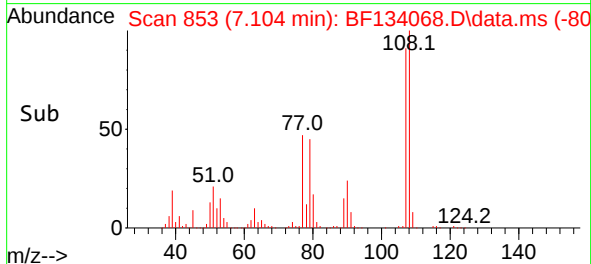
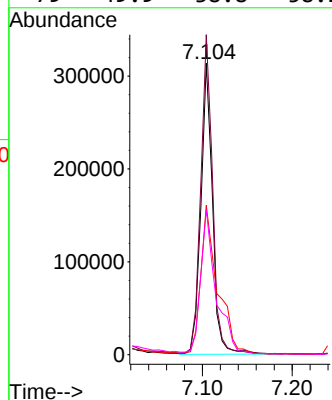
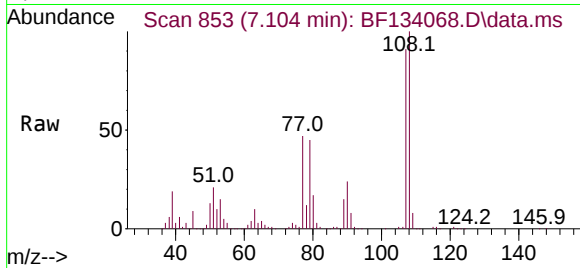




#17
2-Methylphenol
Concen: 47.928 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

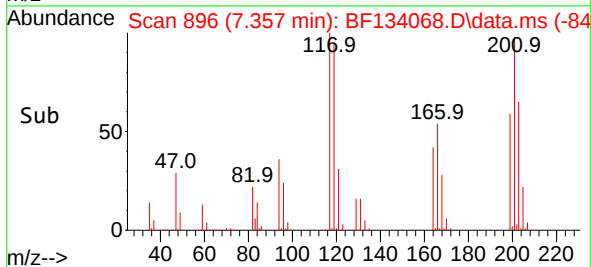
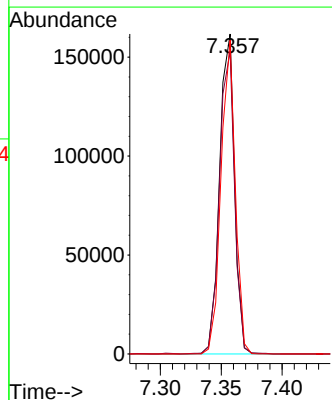
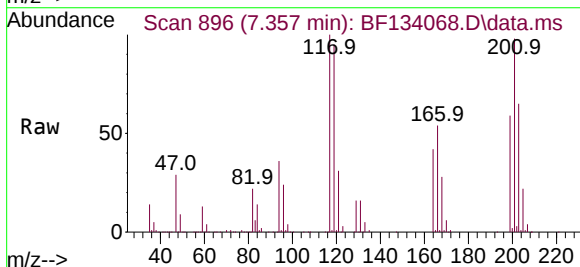
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

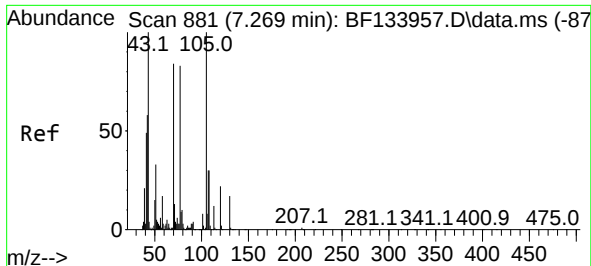
Tgt Ion:	107	Resp:	282991
Ion	Ratio	Lower	Upper
107	100		
108	109.8	90.6	136.0
77	51.3	38.3	57.5
79	49.9	38.8	58.2



#18
Hexachloroethane
Concen: 52.500 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:	117	Resp:	138217
Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.2	111.4
201	98.1	77.2	115.8



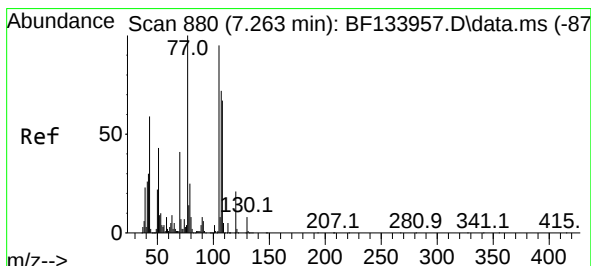
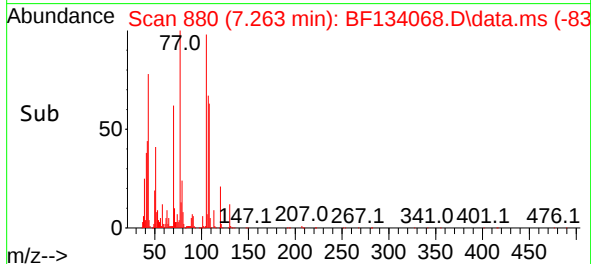
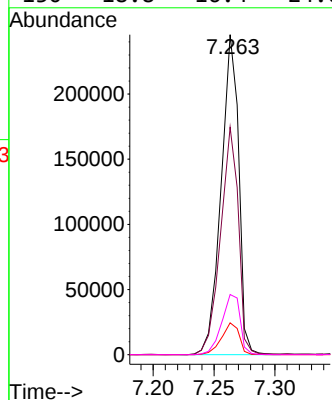
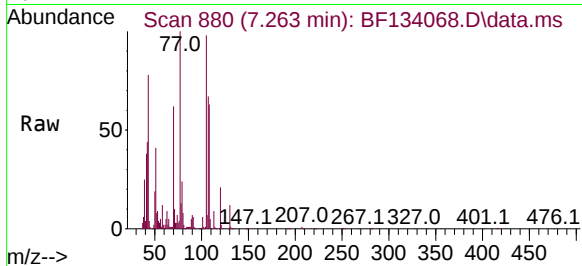


#19
n-Nitroso-di-n-propylamine
Concen: 48.773 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion: 70 Resp: 247074

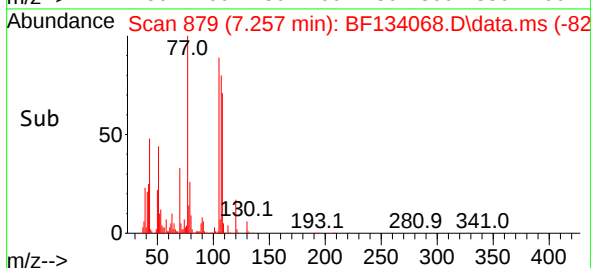
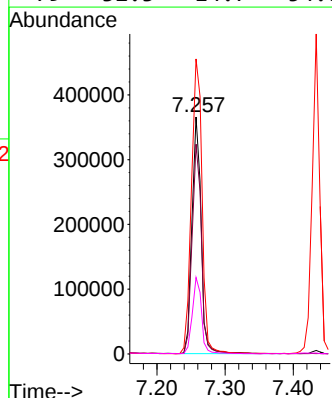
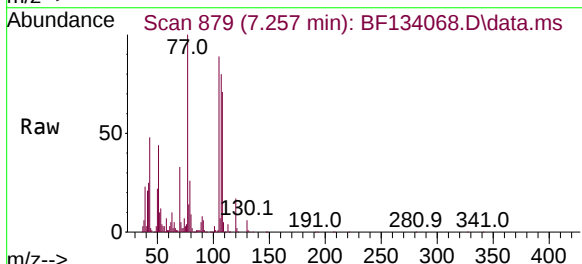
Ion	Ratio	Lower	Upper
70	100		
42	71.1	54.7	82.1
101	9.9	7.7	11.5
130	18.8	16.4	24.6

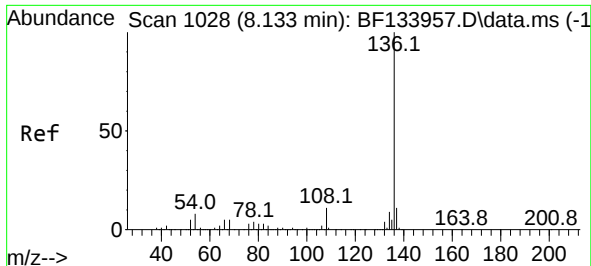


#20
3+4-Methylphenols
Concen: 47.329 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 107 Resp: 339023

Ion	Ratio	Lower	Upper
107	100		
108	88.5	73.2	113.2
77	124.5	118.3	158.3
79	32.3	14.7	54.7



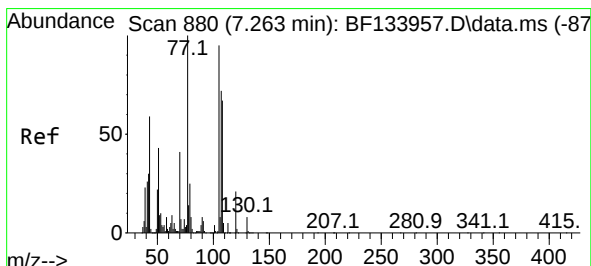
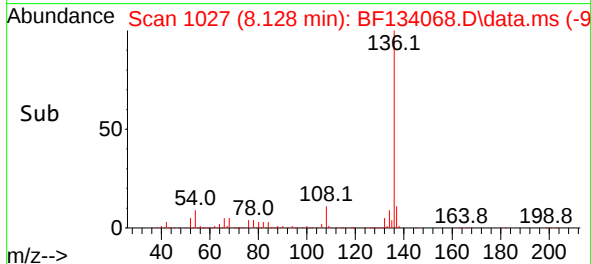
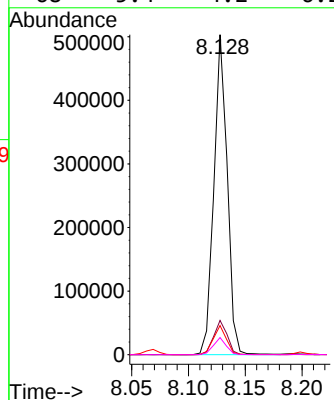
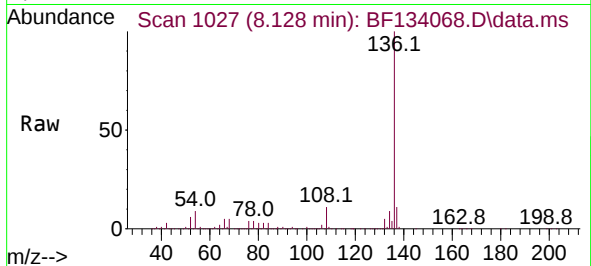


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:136 Resp: 410744

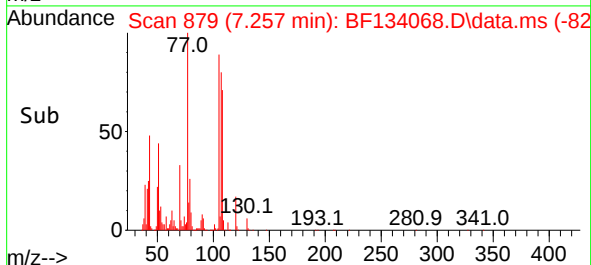
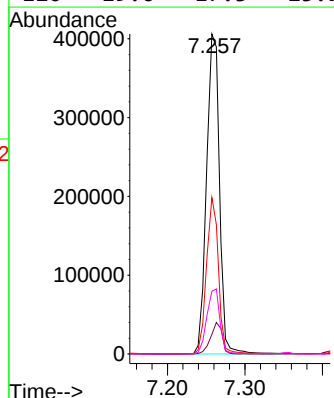
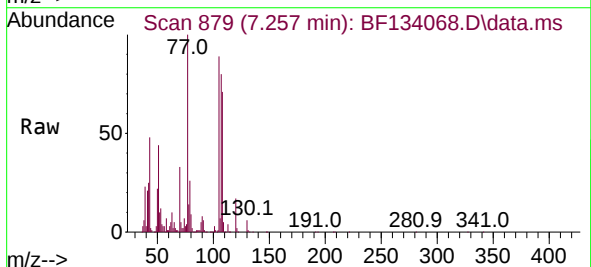
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.1	6.5	9.7
68	5.4	4.2	6.2

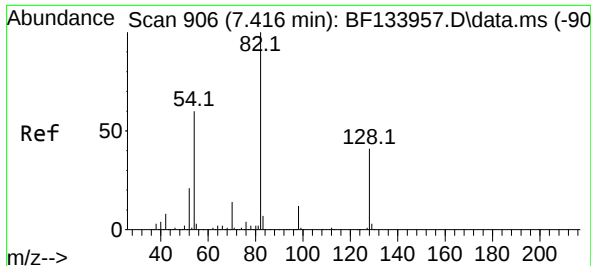


#22
Acetophenone
Concen: 50.413 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:105 Resp: 470923

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.5	8.3
51	48.9	36.5	54.7
120	19.6	17.3	25.9

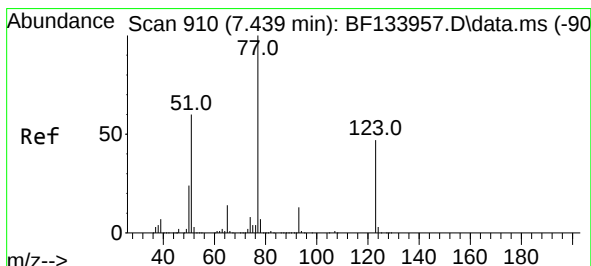
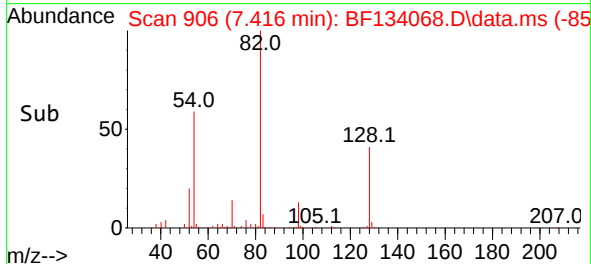
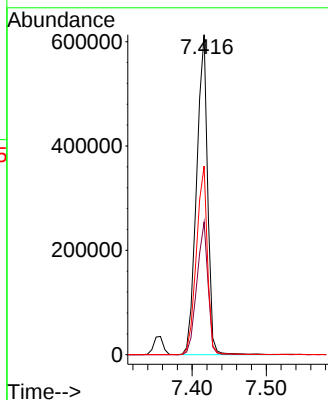
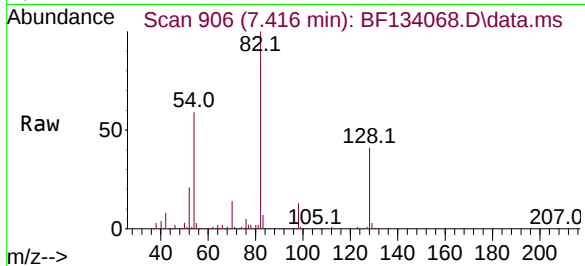




#23
Nitrobenzene-d5
Concen: 83.160 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

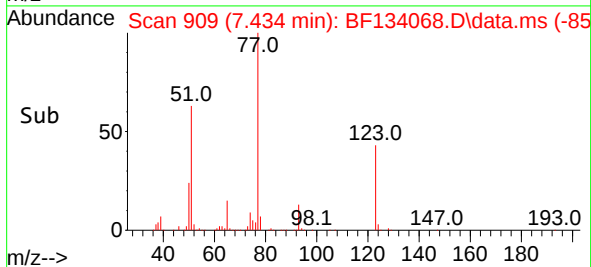
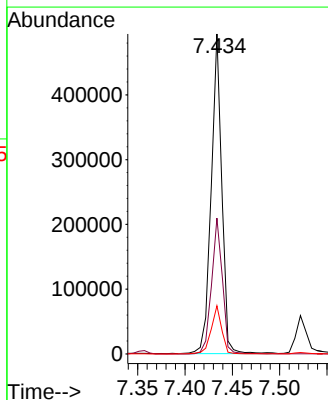
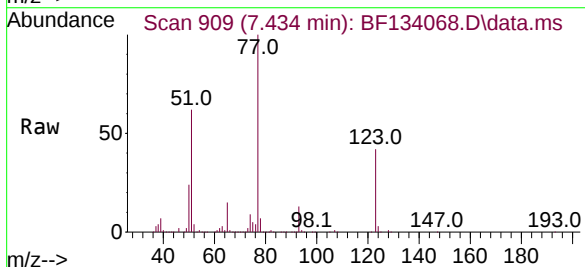
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

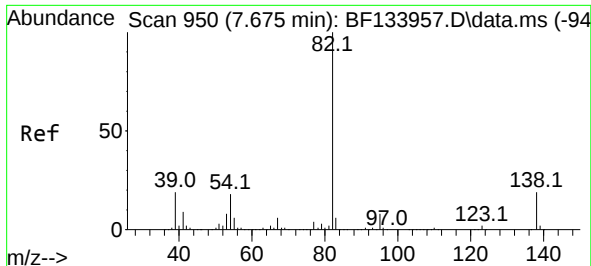
Tgt Ion: 82 Resp: 633653
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 59.0 48.2 72.2



#24
Nitrobenzene
Concen: 49.854 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 77 Resp: 383875
Ion Ratio Lower Upper
77 100
123 42.5 37.8 56.6
65 15.1 11.3 16.9

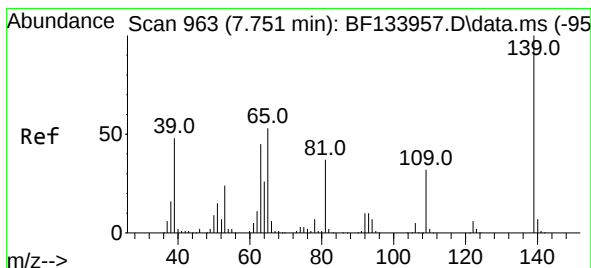
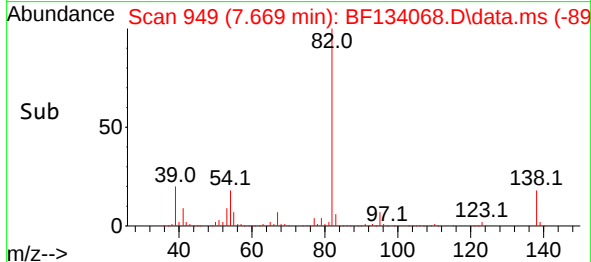
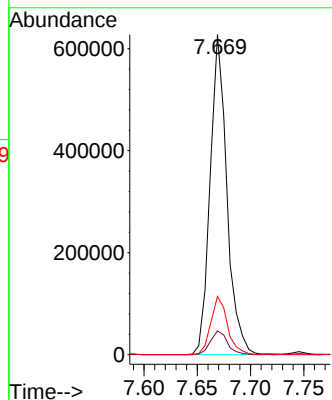
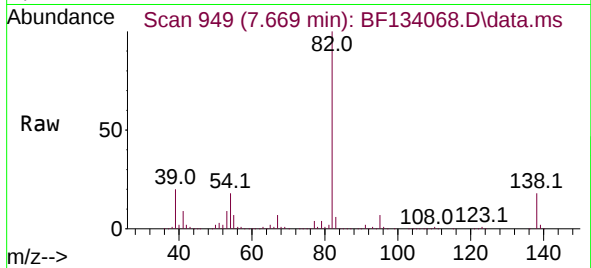




#25
Isophorone
Concen: 49.628 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

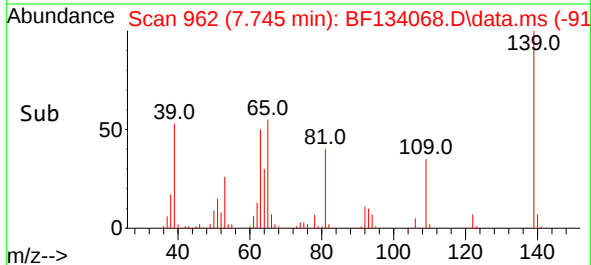
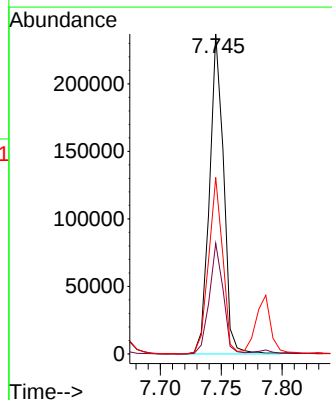
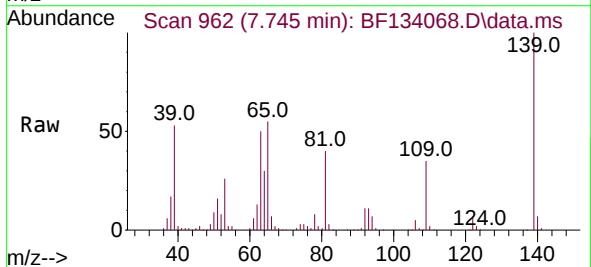
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

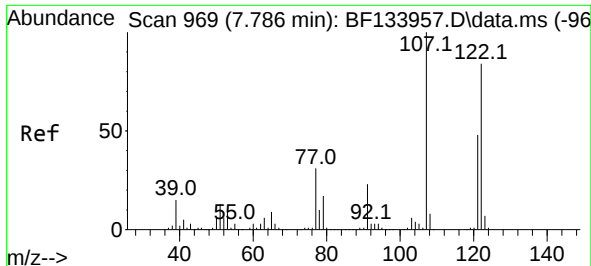
Tgt Ion: 82 Resp: 687266
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 18.2 15.2 22.8



#26
2-Nitrophenol
Concen: 51.525 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 139 Resp: 190321
Ion Ratio Lower Upper
139 100
109 34.6 25.8 38.8
65 55.2 42.4 63.6

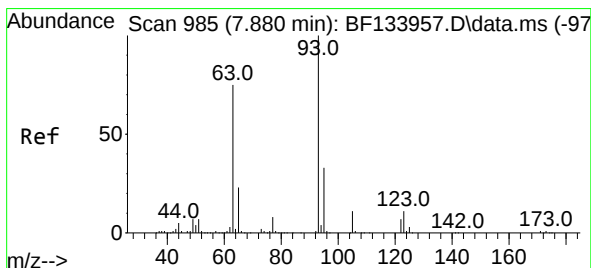
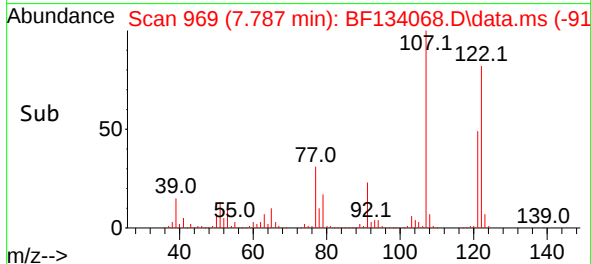
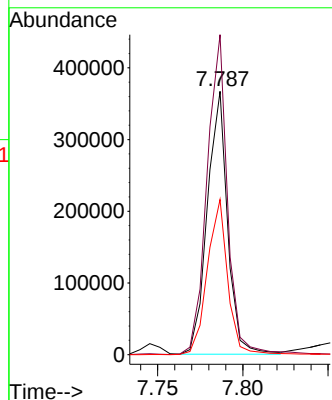
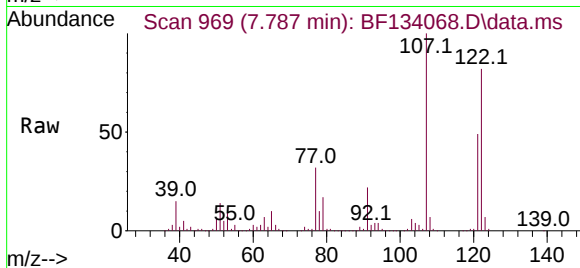




#27
2,4-Dimethylphenol
Concen: 51.916 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

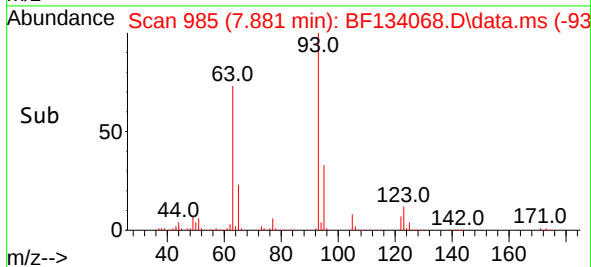
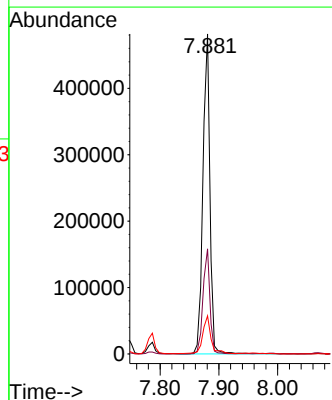
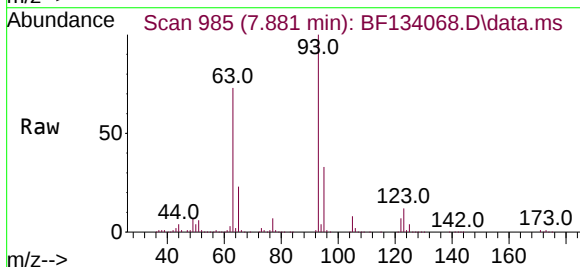
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

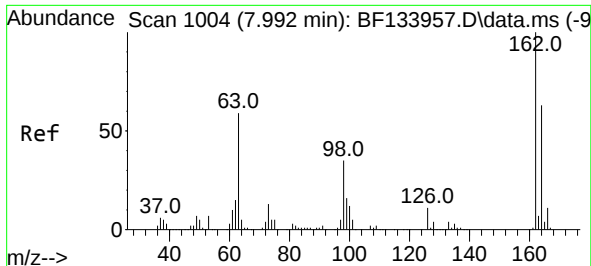
Tgt Ion:122 Resp: 303550
Ion Ratio Lower Upper
122 100
107 121.5 95.5 143.3
121 58.9 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 49.338 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 93 Resp: 395620
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.352 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

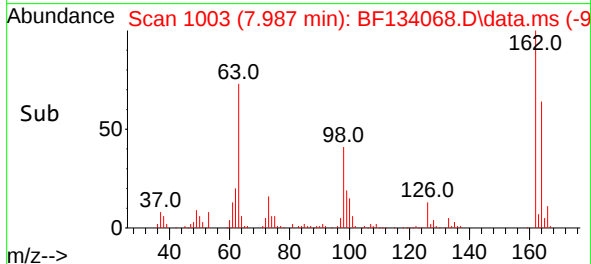
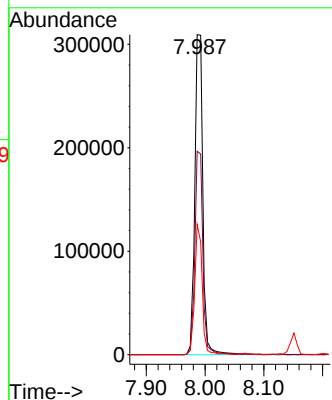
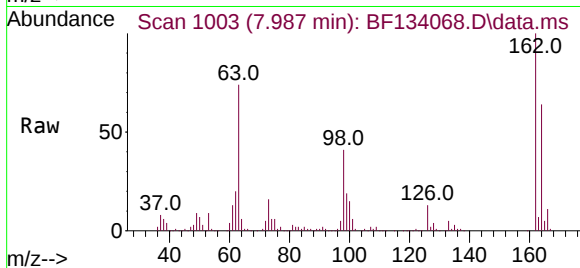
Tgt Ion:162 Resp: 291936

Ion Ratio Lower Upper

162 100

164 63.6 43.2 83.2

98 40.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 51.113 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

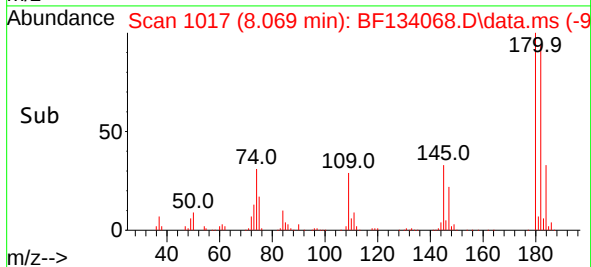
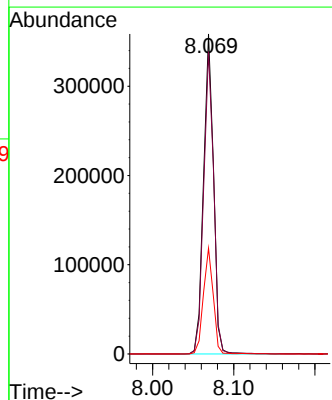
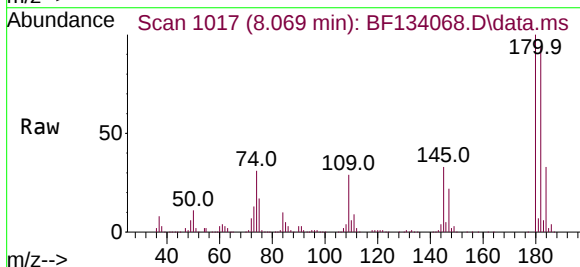
Tgt Ion:180 Resp: 305786

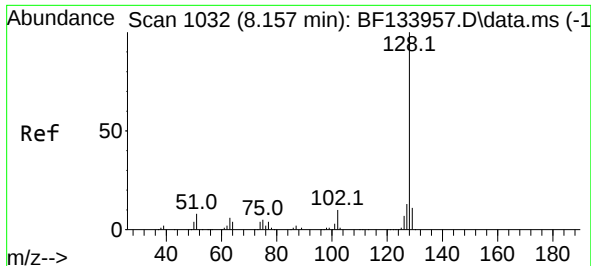
Ion Ratio Lower Upper

180 100

182 94.4 77.1 115.7

145 33.1 26.0 39.0

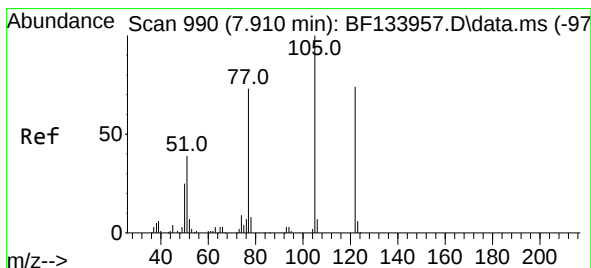
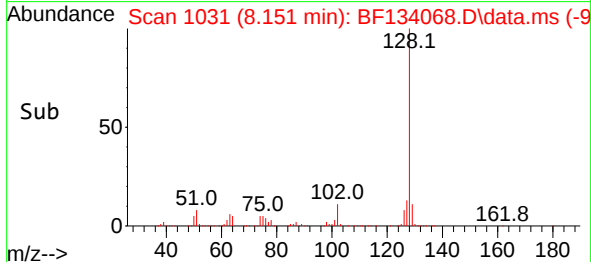
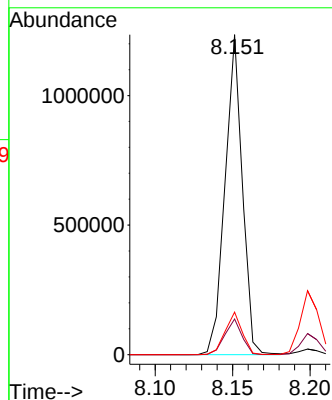
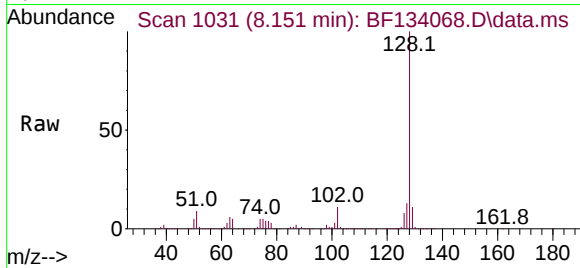




#31
Naphthalene
Concen: 48.302 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

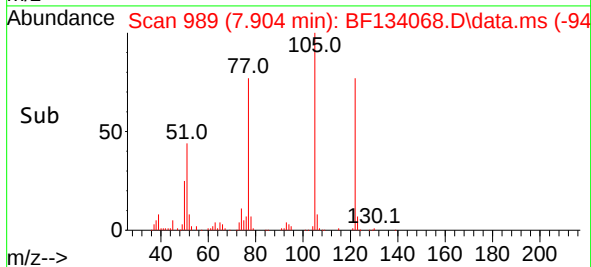
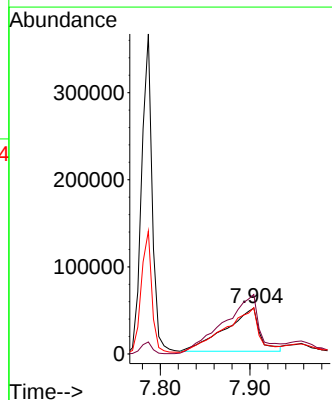
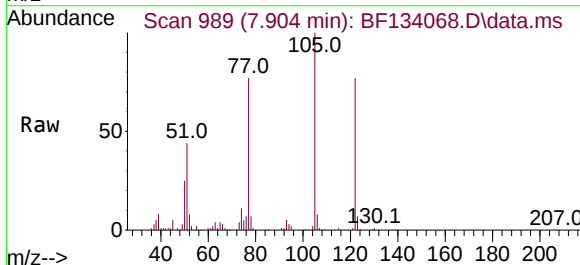
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

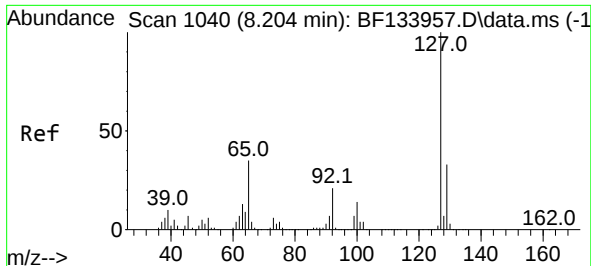
Tgt Ion:128 Resp: 958318
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 29.995 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:122 Resp: 131420
Ion Ratio Lower Upper
122 100
105 129.7 109.7 149.7
77 100.5 76.0 116.0

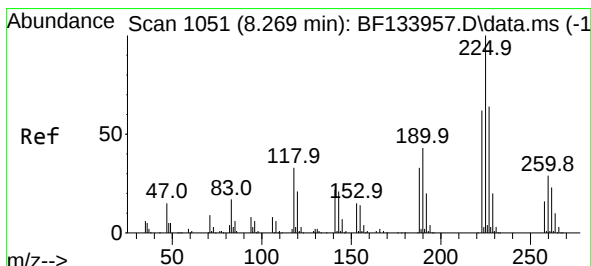
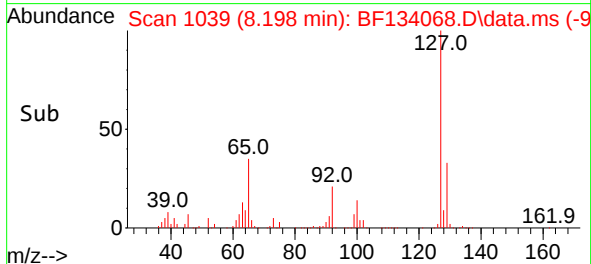
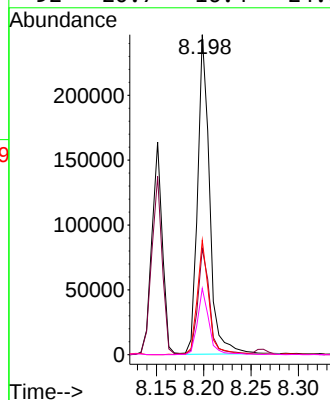
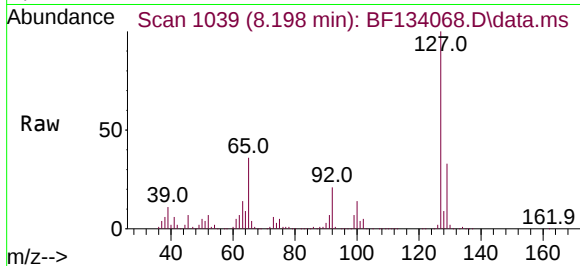




#33
4-Chloroaniline
Concen: 25.569 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

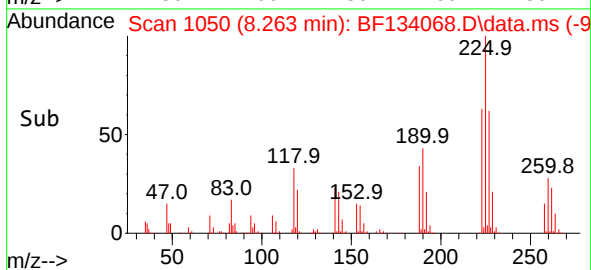
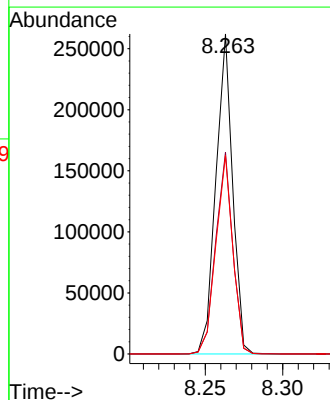
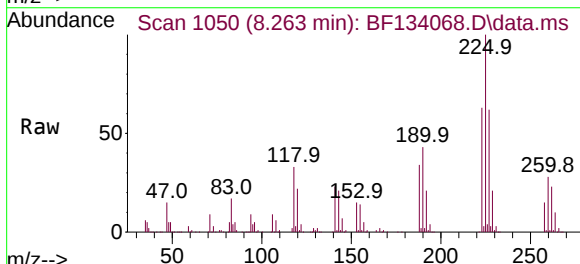
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

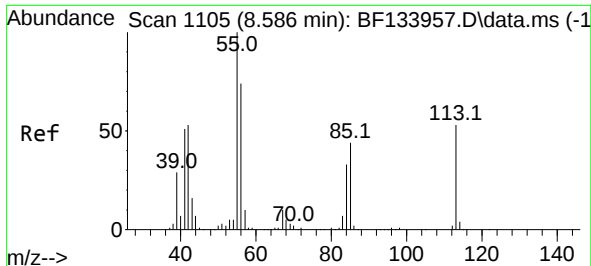
Tgt Ion:	127	Resp:	216999
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.4	39.6
65	35.7	27.8	41.8
92	20.7	16.4	24.6



#34
Hexachlorobutadiene
Concen: 52.034 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:	225	Resp:	196367
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	62.1	51.0	76.4

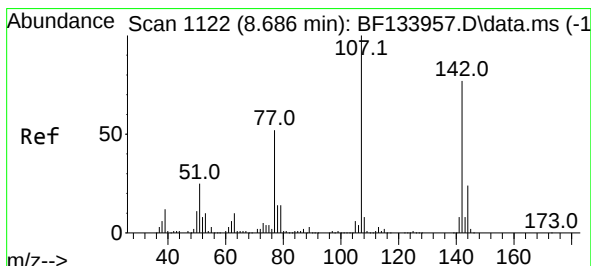
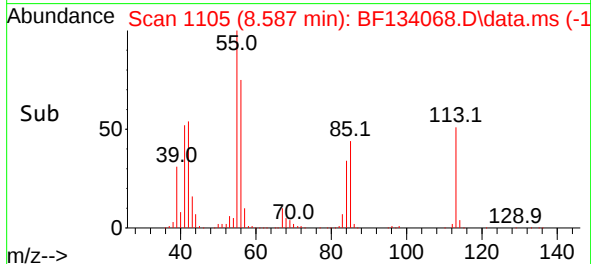
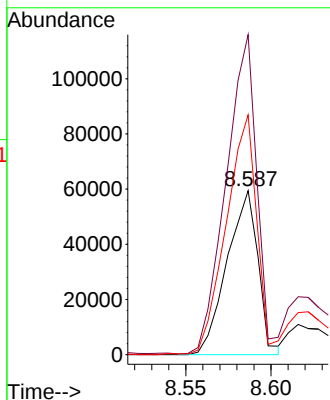
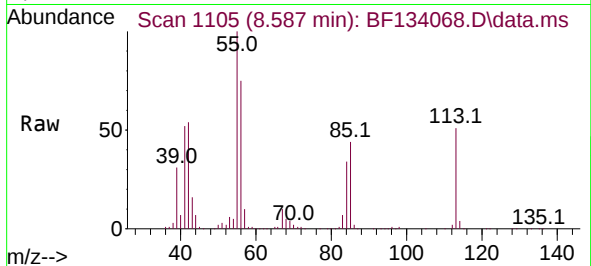




#35
 Caprolactam
 Concen: 39.279 ng
 RT: 8.587 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134068.D
 Acq: 01 Jul 2023 00:22

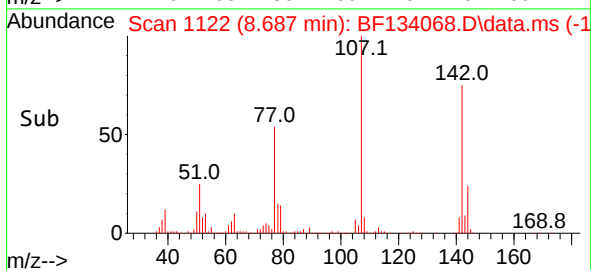
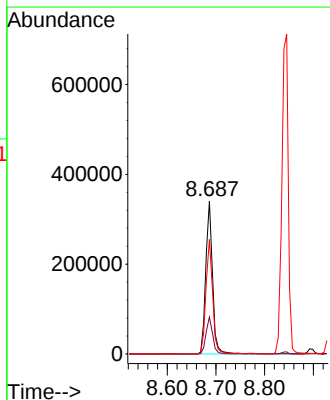
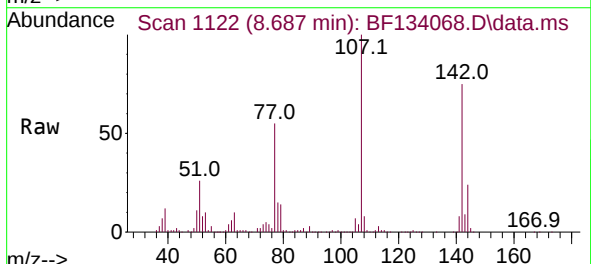
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

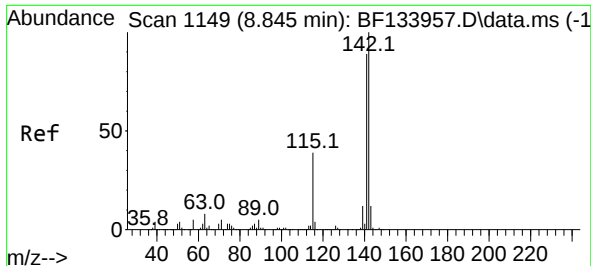
Tgt Ion:113 Resp: 74985
 Ion Ratio Lower Upper
 113 100
 55 195.1 170.2 210.2
 56 146.3 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.264 ng
 RT: 8.687 min Scan# 1122
 Delta R.T. 0.000 min
 Lab File: BF134068.D
 Acq: 01 Jul 2023 00:22

Tgt Ion:107 Resp: 327388
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.6 29.4
 142 74.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 46.952 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

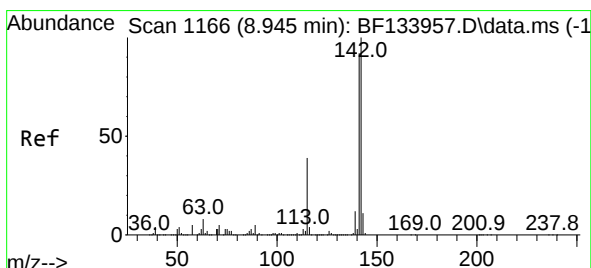
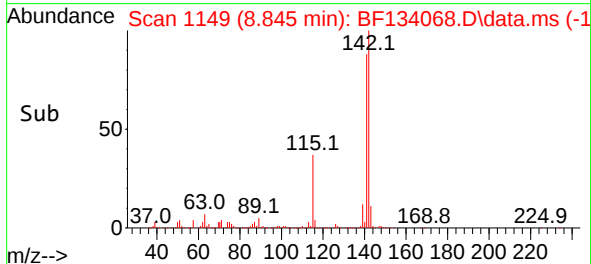
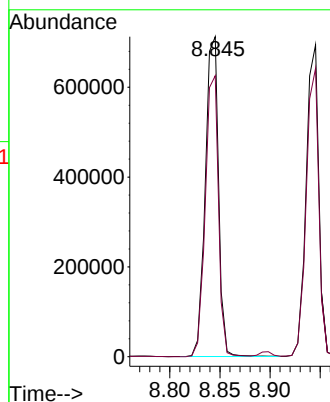
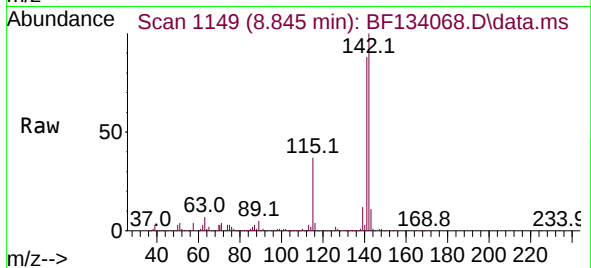
VNJ-232MSD

Tgt Ion:142 Resp: 658739

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4



#38

1-Methylnaphthalene

Concen: 46.584 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF134068.D

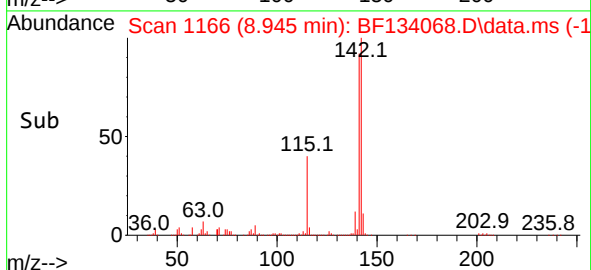
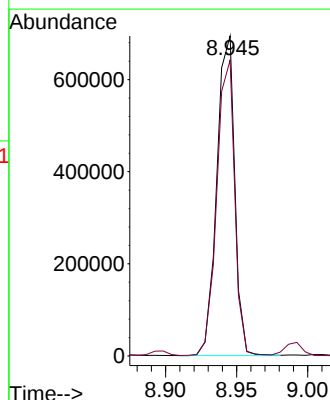
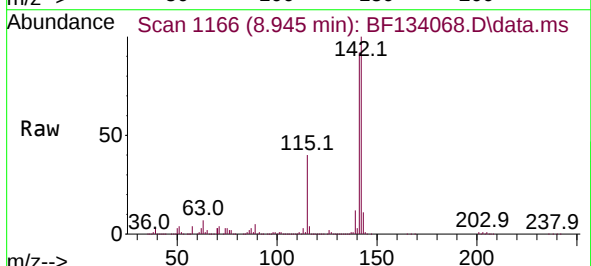
Acq: 01 Jul 2023 00:22

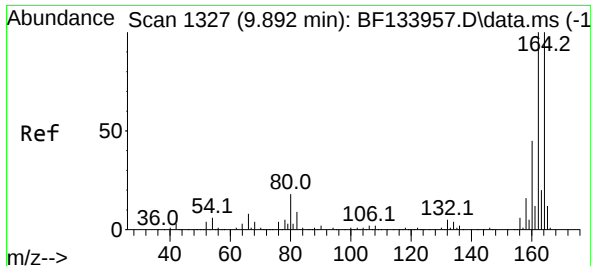
Tgt Ion:142 Resp: 607600

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

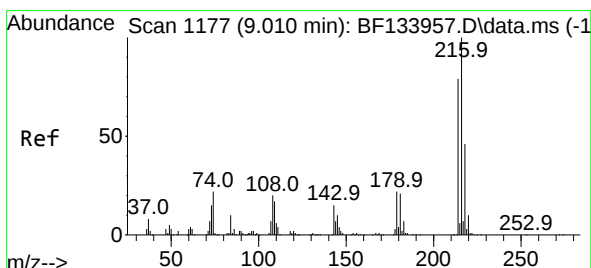
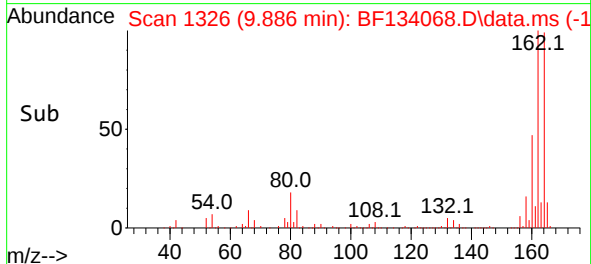
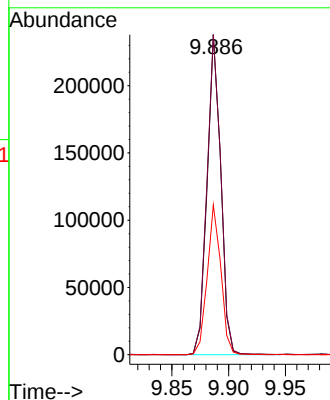
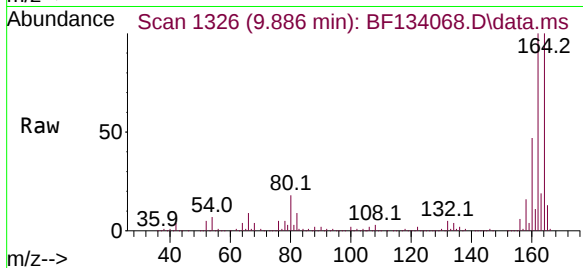
Tgt Ion:164 Resp: 198188

Ion Ratio Lower Upper

164 100

162 100.0 80.0 120.0

160 46.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.769 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Tgt Ion:216 Resp: 309838

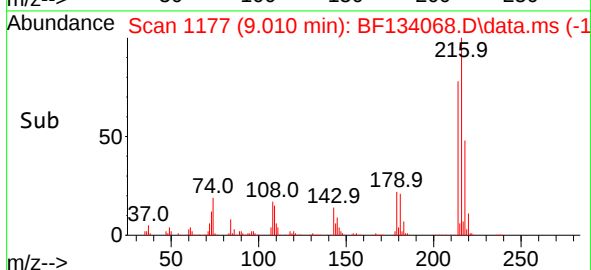
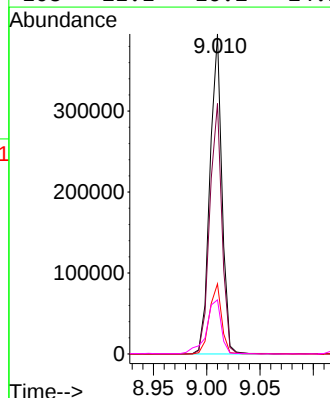
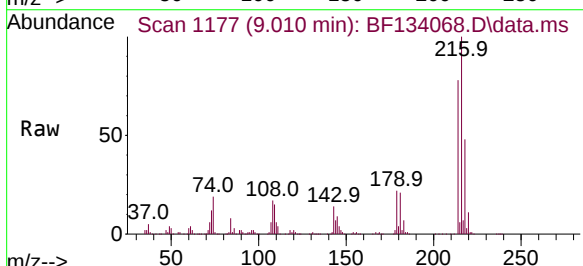
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 22.2 17.3 25.9

108 21.1 16.2 24.2

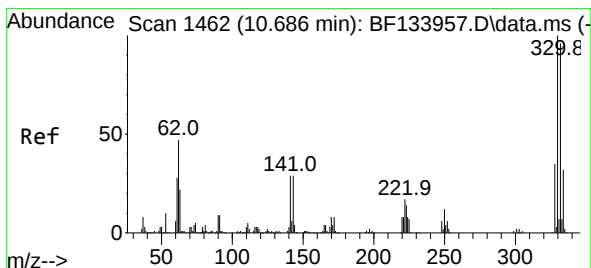
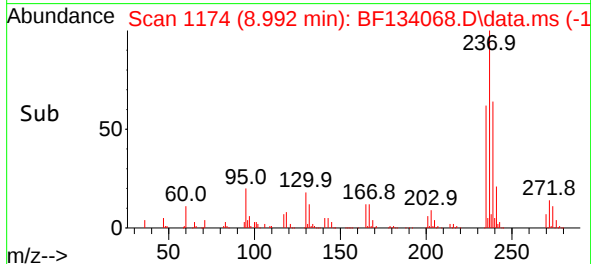
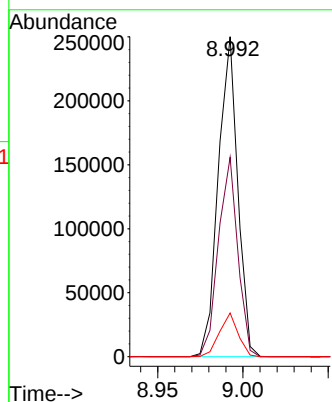
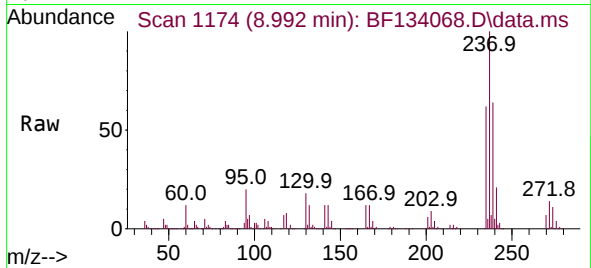




#41
Hexachlorocyclopentadiene
Concen: 71.378 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

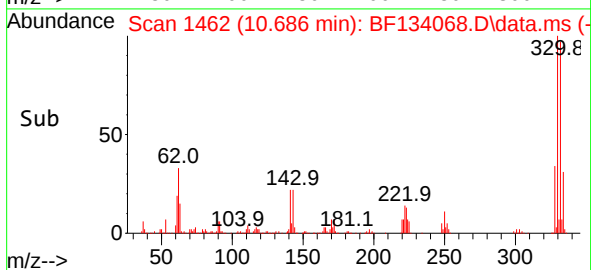
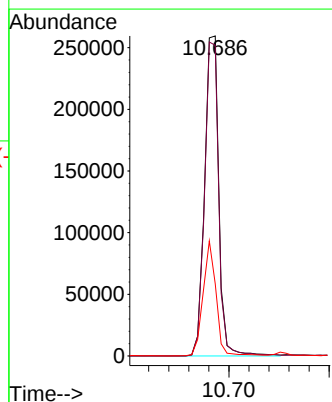
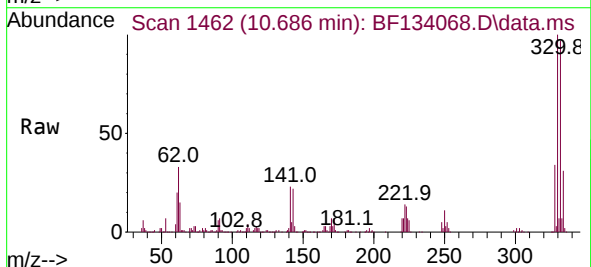
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

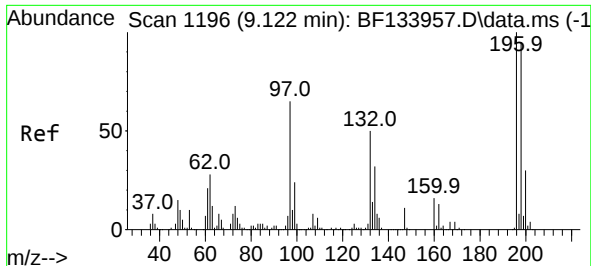
Tgt Ion:237 Resp: 198832
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.7 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 103.190 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:330 Resp: 256414
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 33.0 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 52.047 ng

RT: 9.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

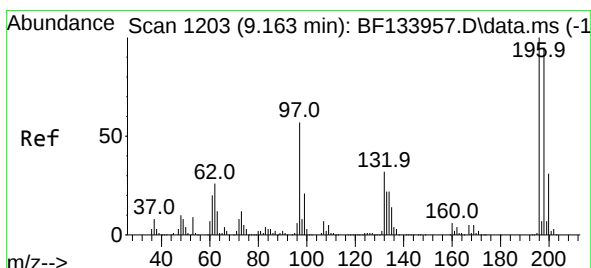
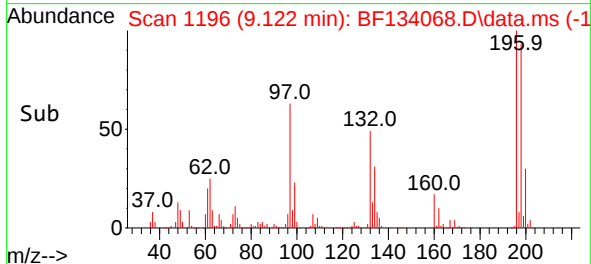
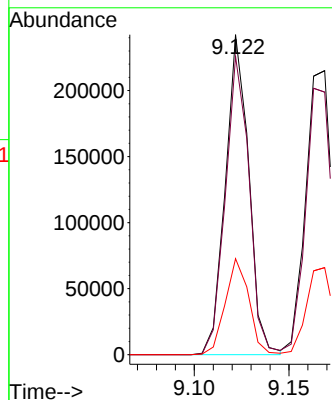
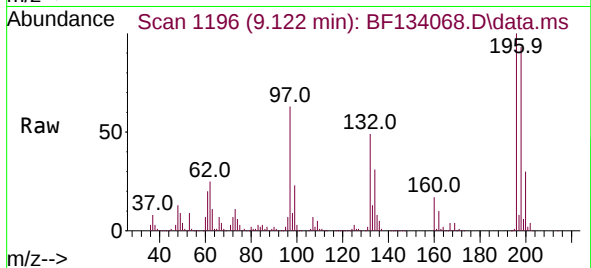
Tgt Ion:196 Resp: 208034

Ion Ratio Lower Upper

196 100

198 93.2 75.6 113.4

200 30.0 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 47.592 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Tgt Ion:196 Resp: 223764

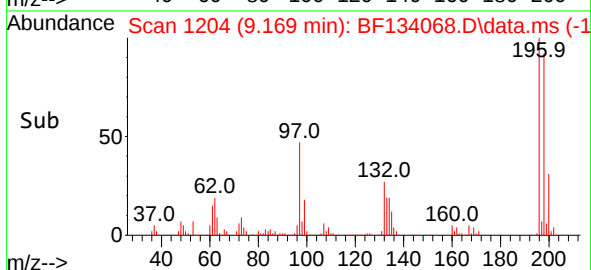
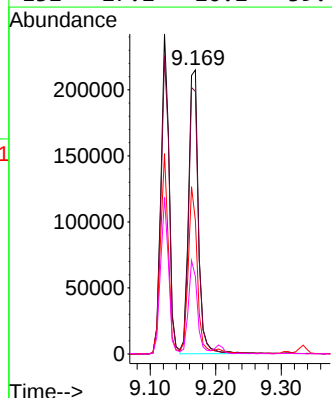
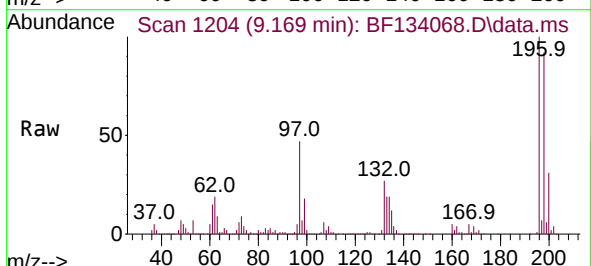
Ion Ratio Lower Upper

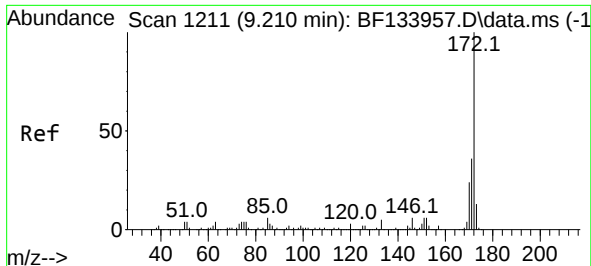
196 100

198 92.4 75.7 113.5

97 46.9 45.8 68.6

132 27.2 26.2 39.4

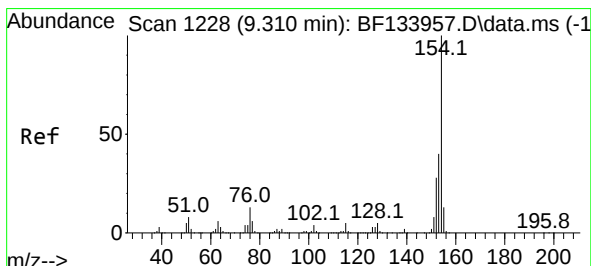
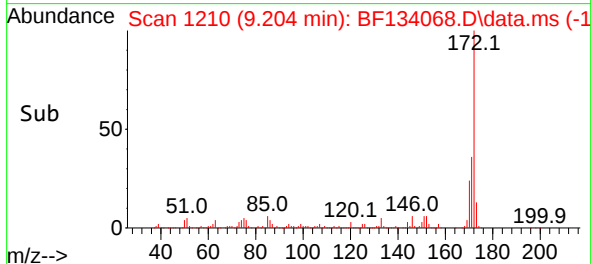
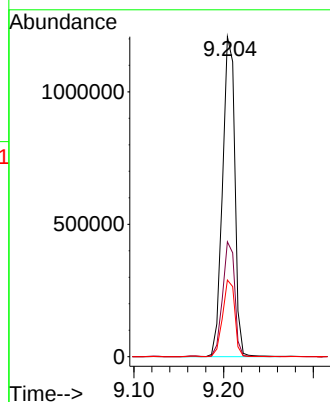
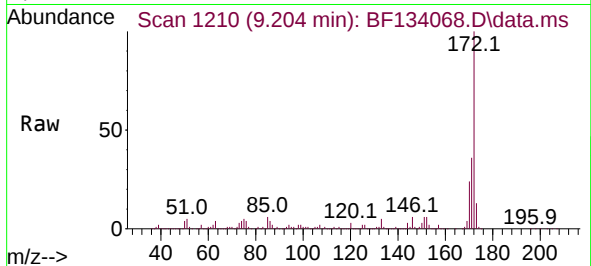




#45
2-Fluorobiphenyl
Concen: 84.506 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

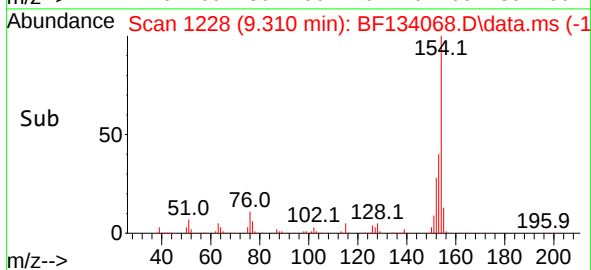
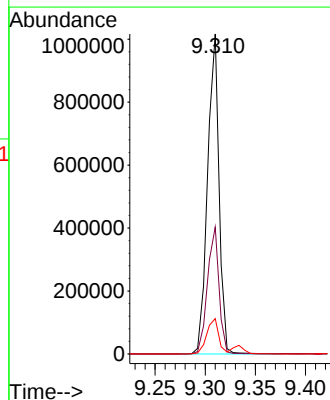
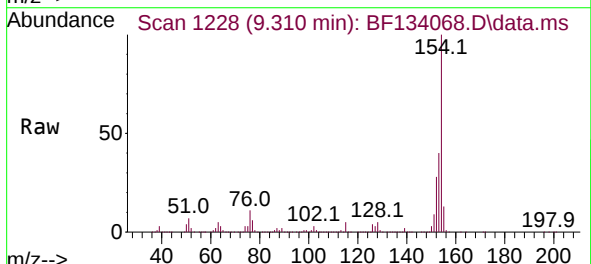
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

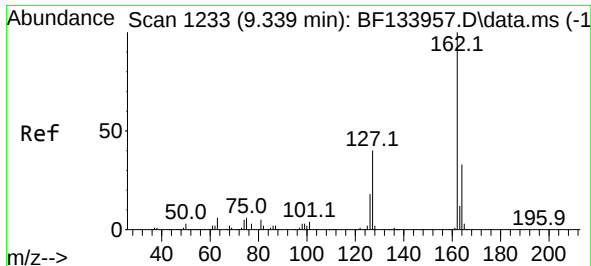
Tgt Ion:172 Resp: 1151944
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.4 29.0



#46
1,1'-Biphenyl
Concen: 51.268 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:154 Resp: 815051
Ion Ratio Lower Upper
154 100
153 39.6 19.8 59.8
76 11.1 0.0 32.9

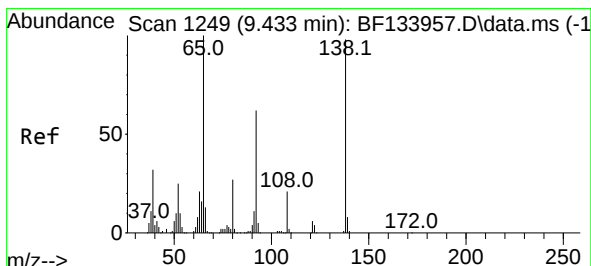
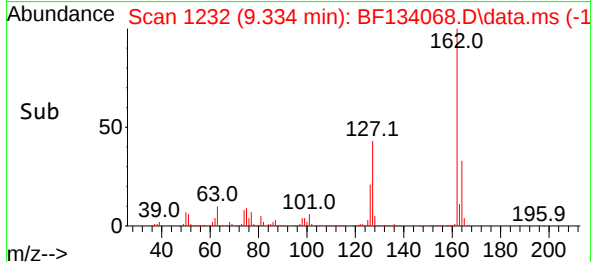
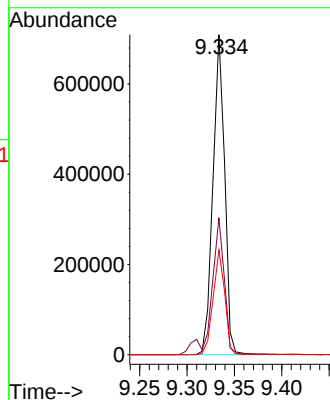
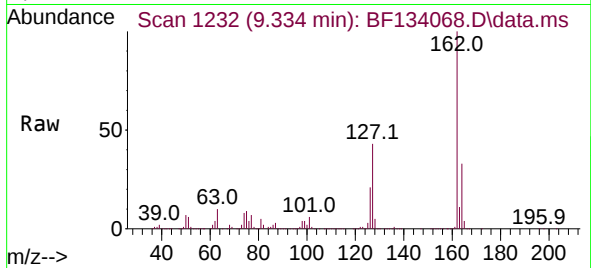




#47
2-Chloronaphthalene
Concen: 52.238 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

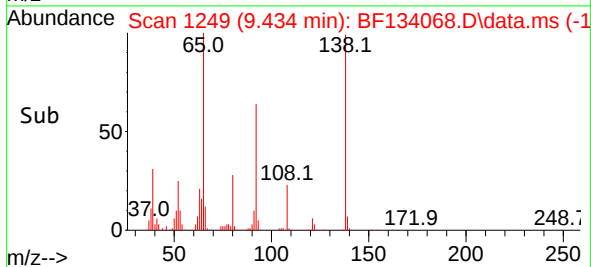
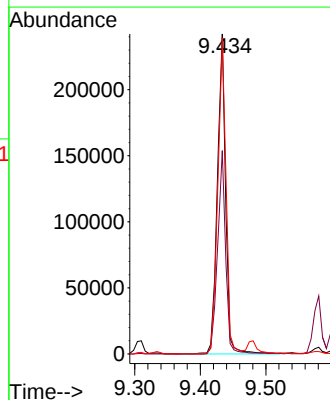
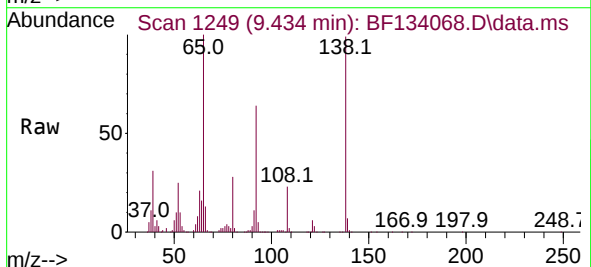
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

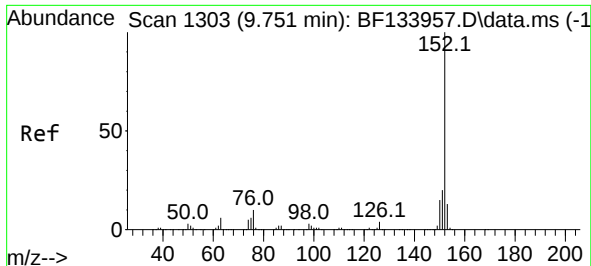
Tgt Ion:162 Resp: 607626
Ion Ratio Lower Upper
162 100
127 42.8 32.9 49.3
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 50.116 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion: 65 Resp: 212453
Ion Ratio Lower Upper
65 100
92 63.6 49.5 74.3
138 98.8 78.0 117.0





#49

Acenaphthylene

Concen: 49.772 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

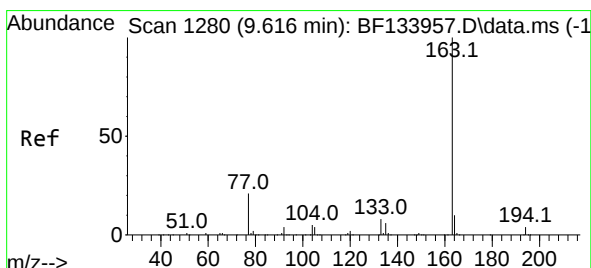
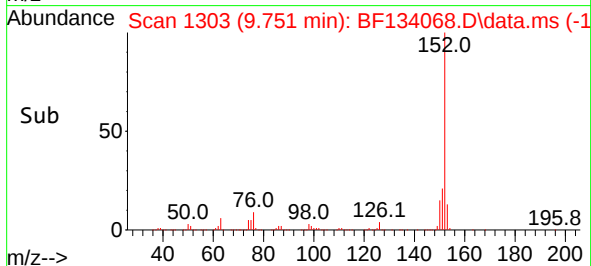
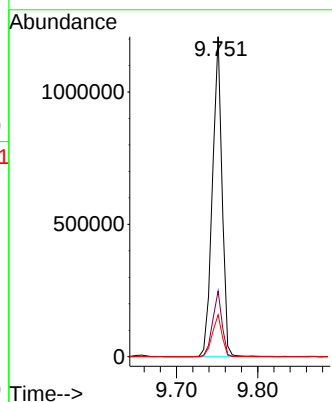
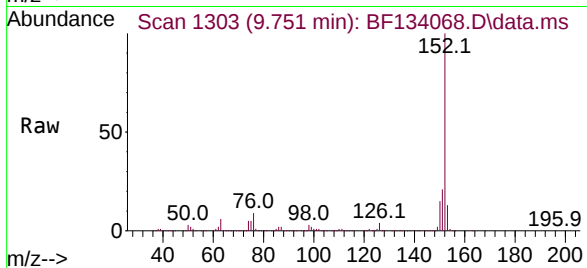
Tgt Ion:152 Resp: 988990

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 50.938 ng

RT: 9.616 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

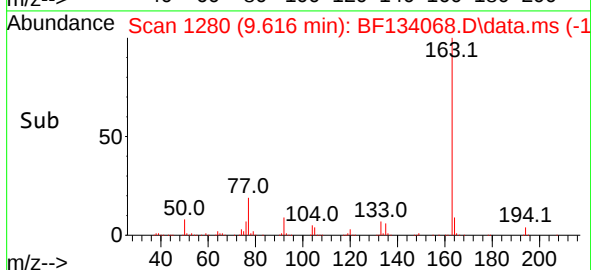
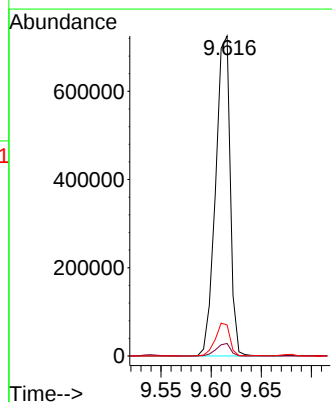
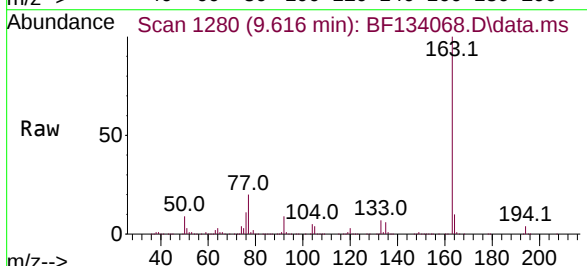
Tgt Ion:163 Resp: 732821

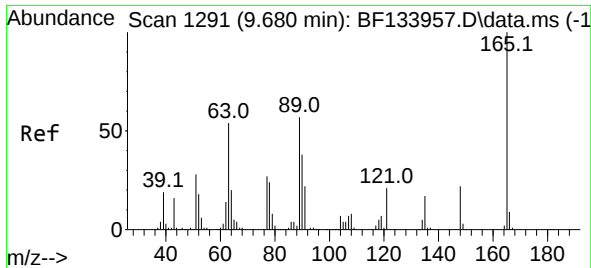
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.7 8.2 12.2

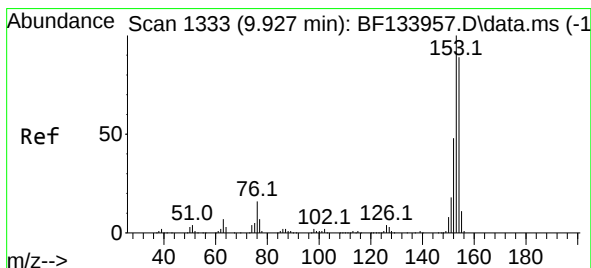
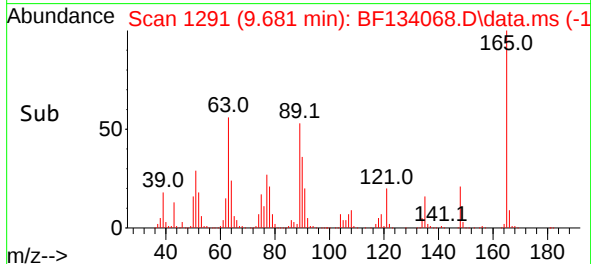
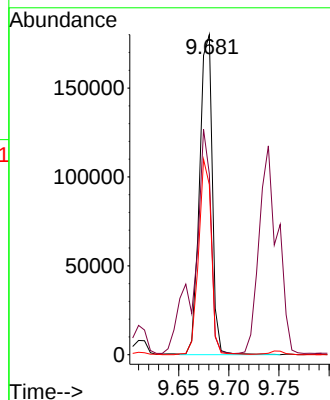
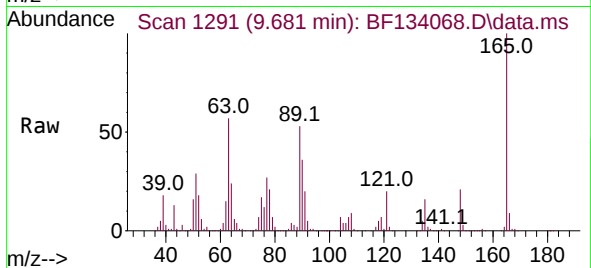




#51
2,6-Dinitrotoluene
Concen: 51.616 ng
RT: 9.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

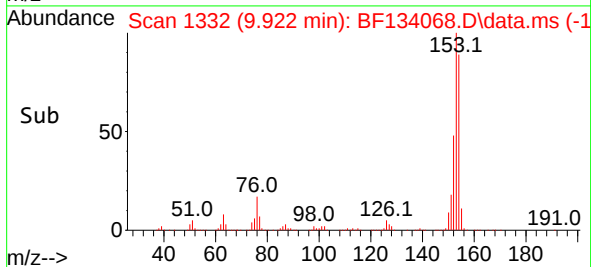
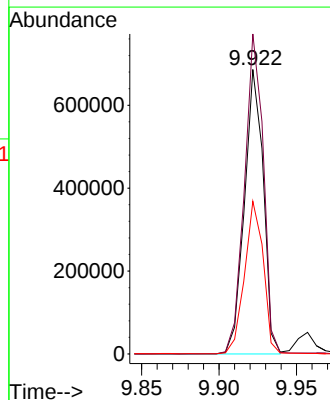
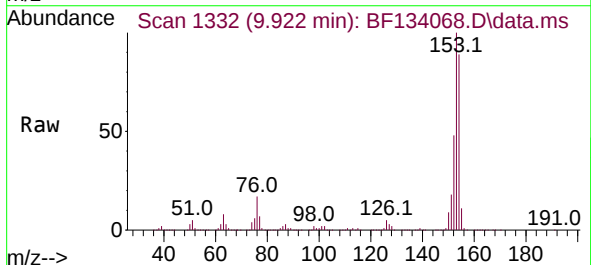
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

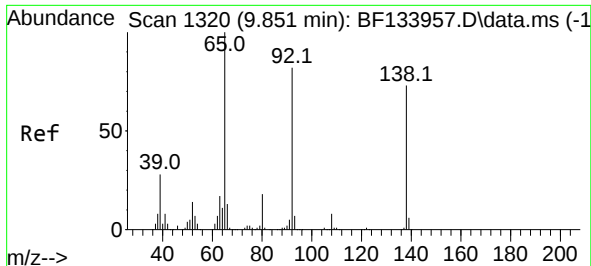
Tgt Ion:165 Resp: 159939
Ion Ratio Lower Upper
165 100
63 56.5 48.5 72.7
89 53.2 45.5 68.3



#52
Acenaphthene
Concen: 50.289 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:154 Resp: 579822
Ion Ratio Lower Upper
154 100
153 112.5 89.4 134.2
152 53.7 42.8 64.2

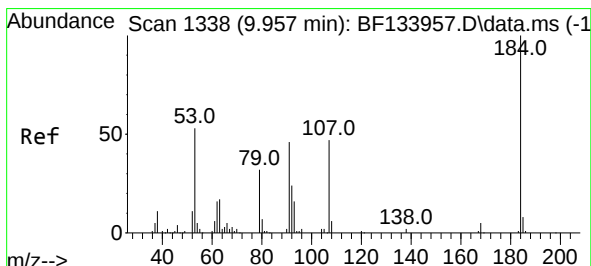
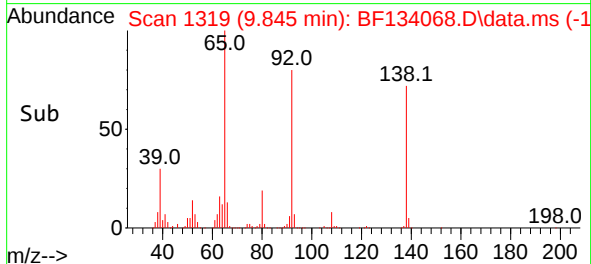
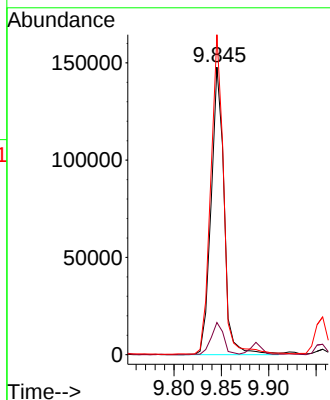
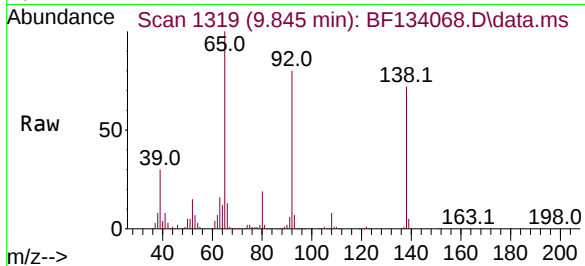




#53
3-Nitroaniline
Concen: 37.730 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

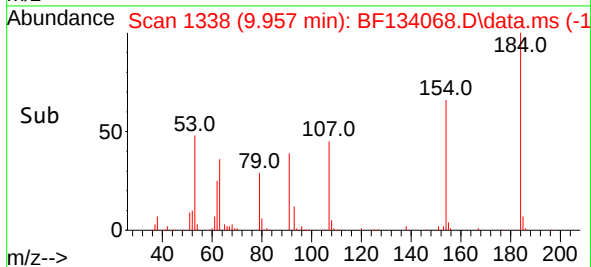
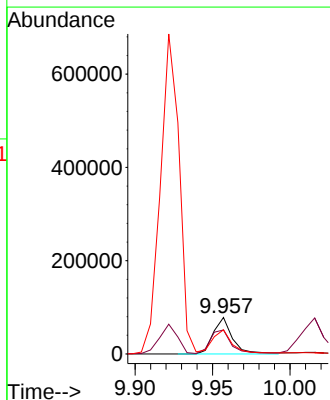
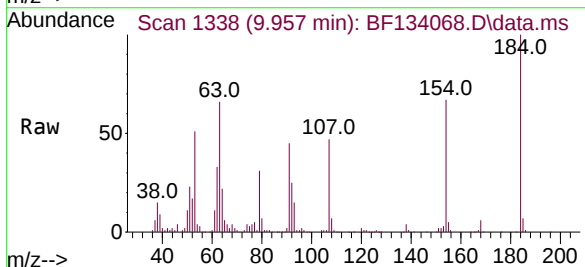
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

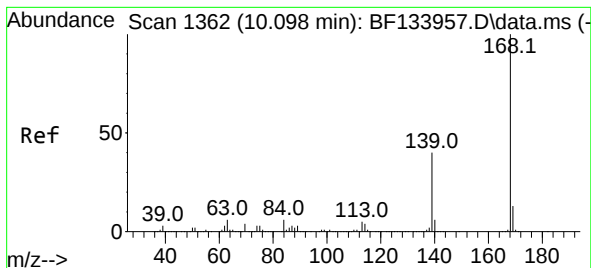
Tgt Ion:138 Resp: 140253
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 111.3 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 39.522 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:184 Resp: 67047
Ion Ratio Lower Upper
184 100
63 65.9 56.9 85.3
154 66.6 55.4 83.0

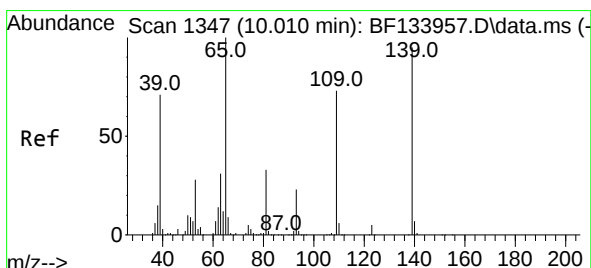
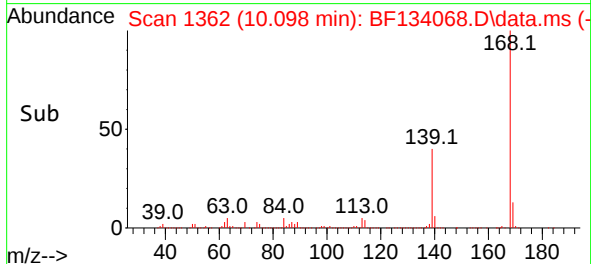
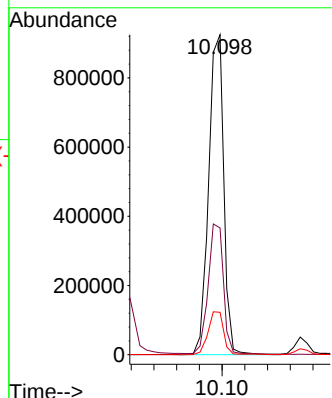
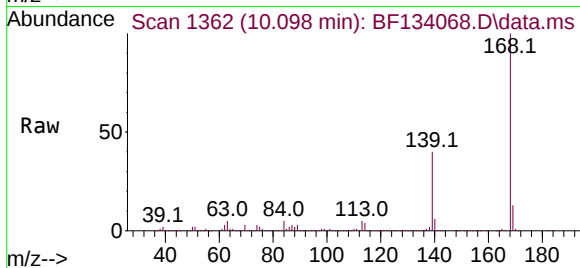




#55
Dibenzofuran
Concen: 47.358 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

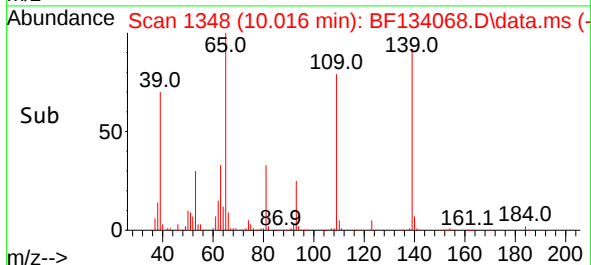
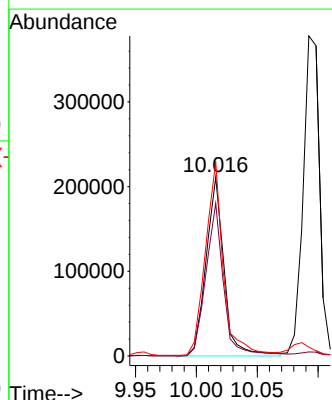
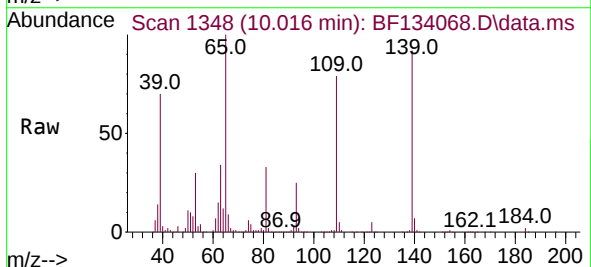
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

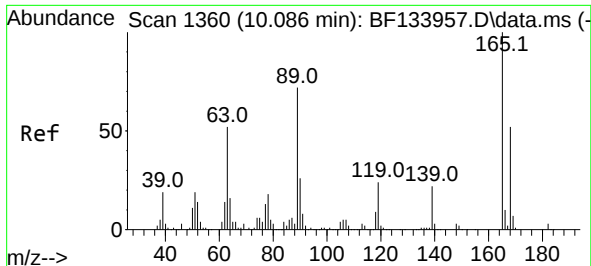
Tgt Ion:168 Resp: 853351
Ion Ratio Lower Upper
168 100
139 39.6 32.0 48.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 83.388 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:139 Resp: 216826
Ion Ratio Lower Upper
139 100
109 85.4 56.8 96.8
65 108.7 86.1 126.1

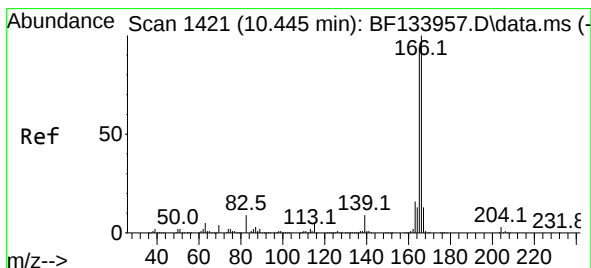
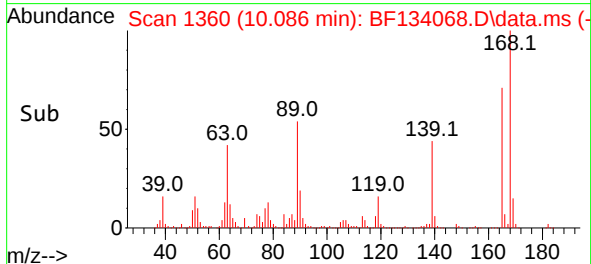
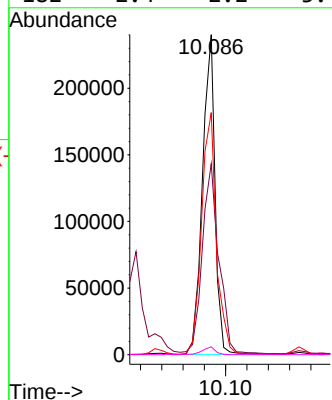
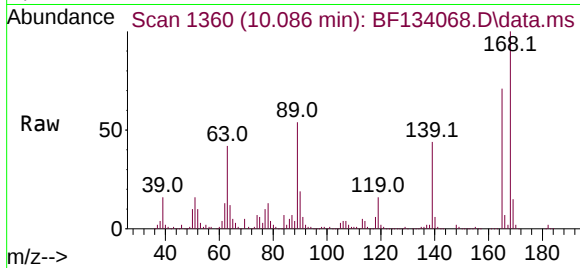




#57
2,4-Dinitrotoluene
Concen: 48.334 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

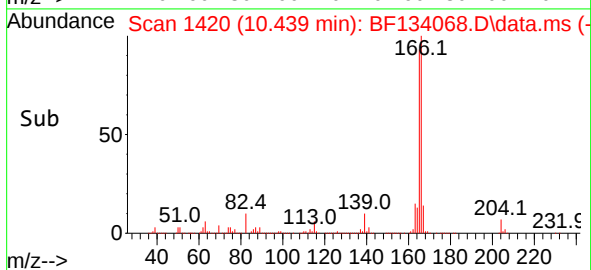
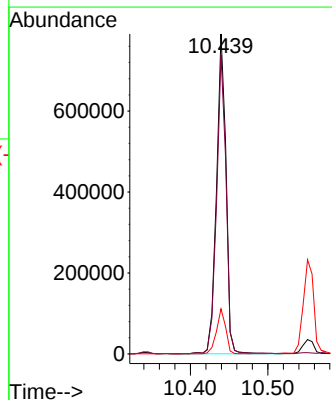
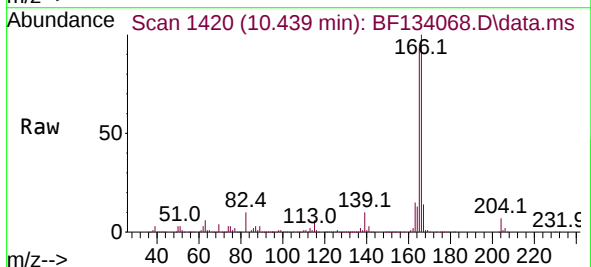
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

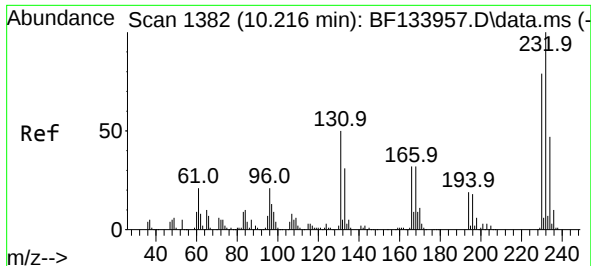
Tgt Ion:	165	Resp:	197789
Ion	Ratio	Lower	Upper
165	100		
63	59.7	42.2	63.2
89	75.7	57.4	86.2
182	2.4	2.2	3.4



#58
Fluorene
Concen: 48.050 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:	166	Resp:	673606
Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.0	112.4
167	14.1	10.6	15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.365 ng

RT: 10.216 min Scan# 1382

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion:232 Resp: 168242

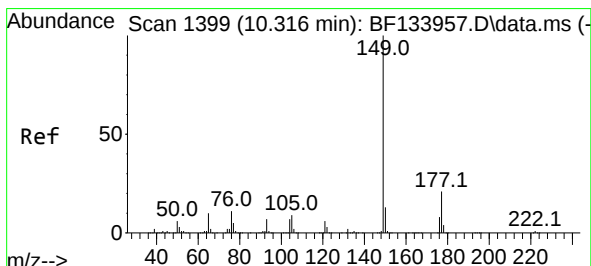
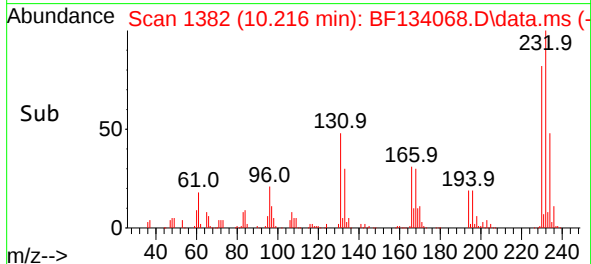
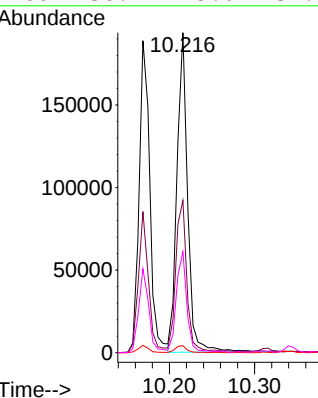
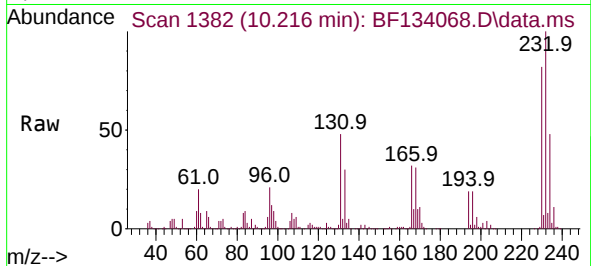
Ion Ratio Lower Upper

232 100

131 49.6 39.3 58.9

130 2.5 1.8 2.6

166 30.9 25.0 37.6



#60

Diethylphthalate

Concen: 50.080 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

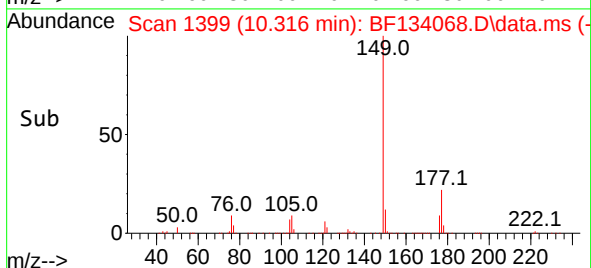
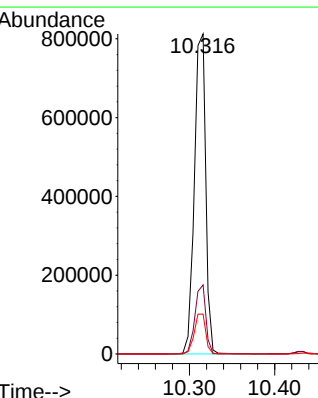
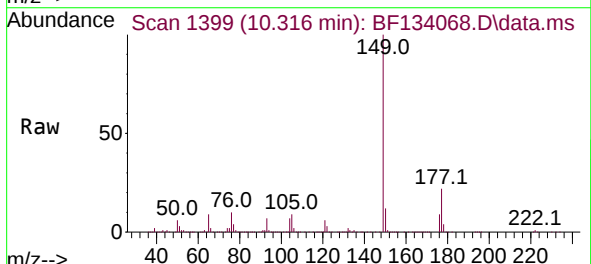
Tgt Ion:149 Resp: 750619

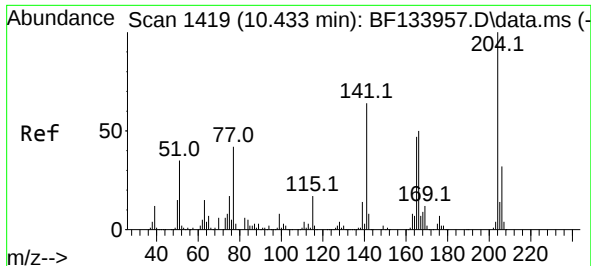
Ion Ratio Lower Upper

149 100

177 21.6 17.0 25.6

150 12.5 10.2 15.2

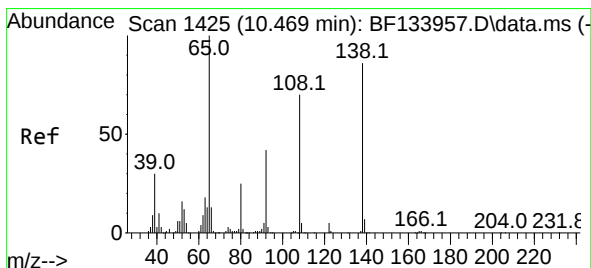
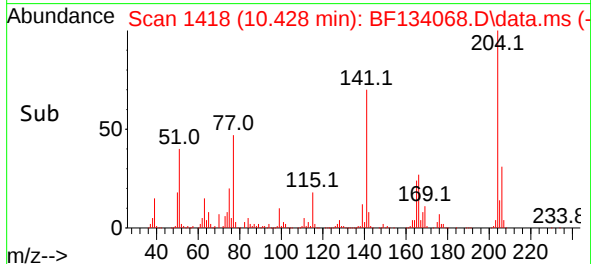
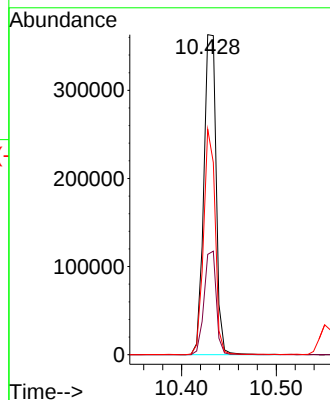
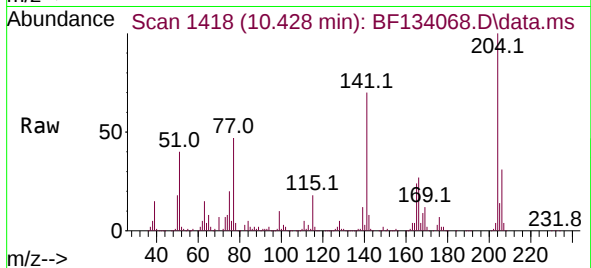




#61
4-Chlorophenyl-phenylether
Concen: 48.635 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

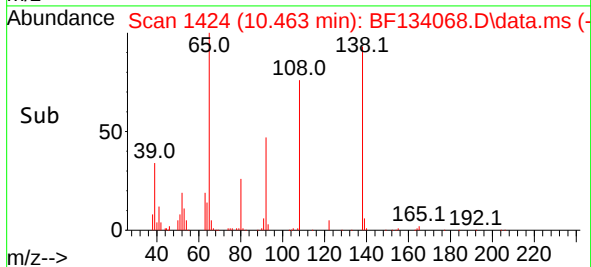
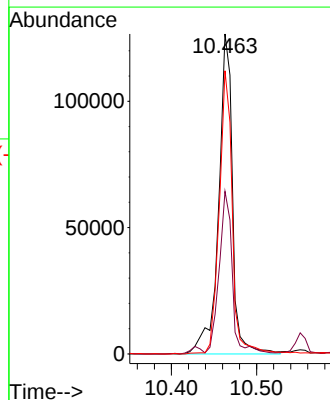
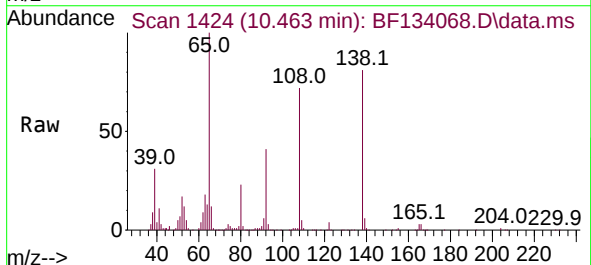
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

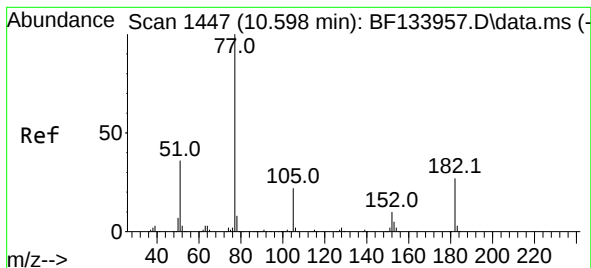
Tgt Ion:204 Resp: 328575
Ion Ratio Lower Upper
204 100
206 31.4 25.8 38.6
141 70.5 51.5 77.3



#62
4-Nitroaniline
Concen: 38.521 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:138 Resp: 144309
Ion Ratio Lower Upper
138 100
92 50.8 29.7 69.7
108 88.5 62.1 102.1





#63

Azobenzene

Concen: 50.766 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion: 77 Resp: 719757

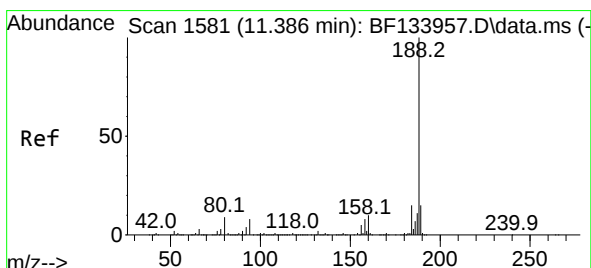
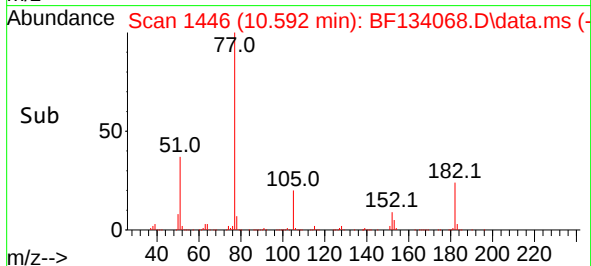
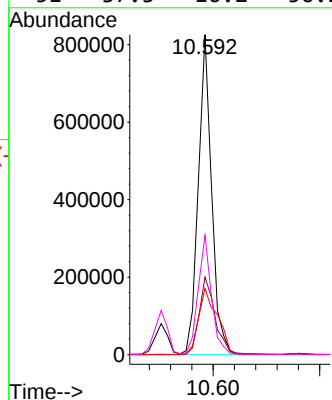
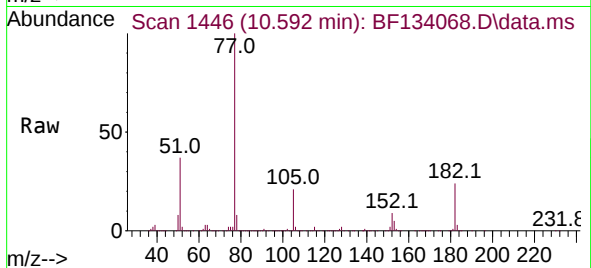
Ion Ratio Lower Upper

77 100

182 24.2 6.8 46.8

105 20.7 2.3 42.3

51 37.3 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: BF134068.D

Acq: 01 Jul 2023 00:22

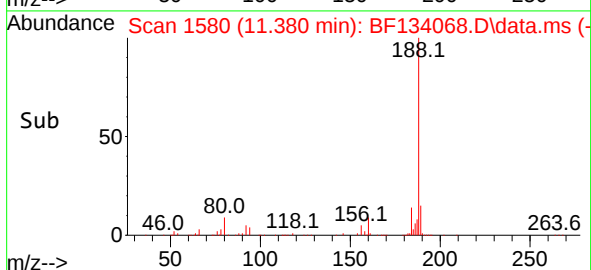
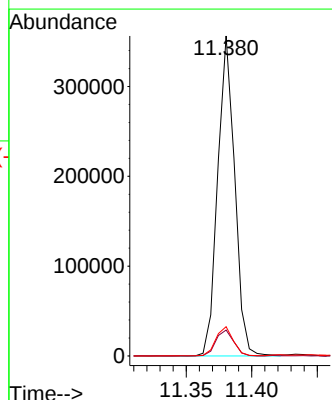
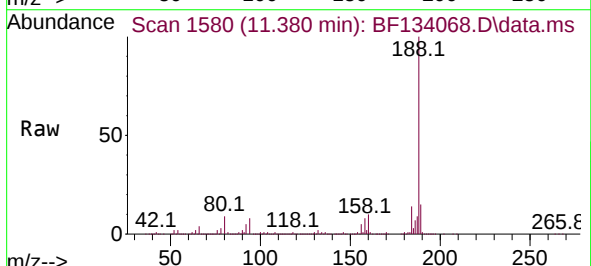
Tgt Ion: 188 Resp: 321680

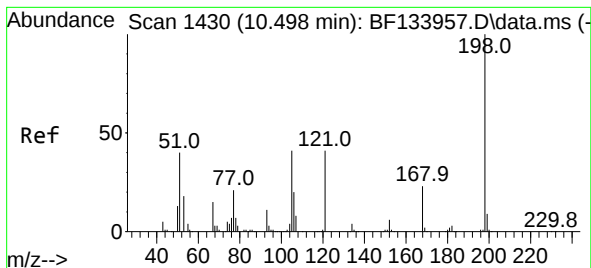
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.2 7.3 10.9

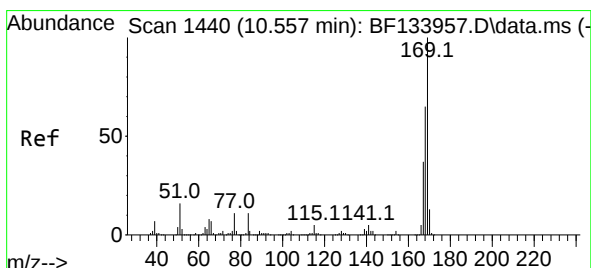
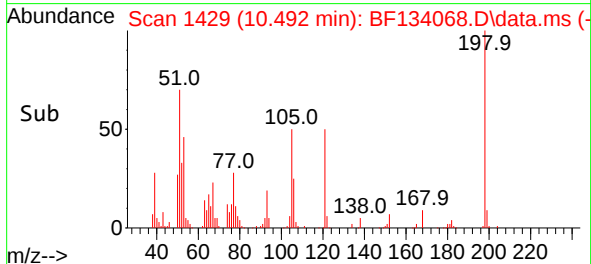
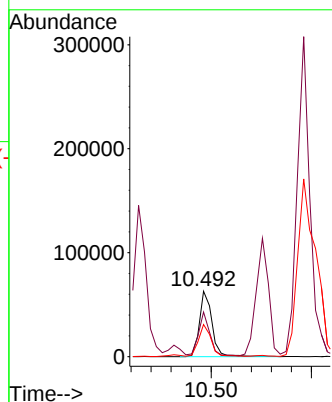
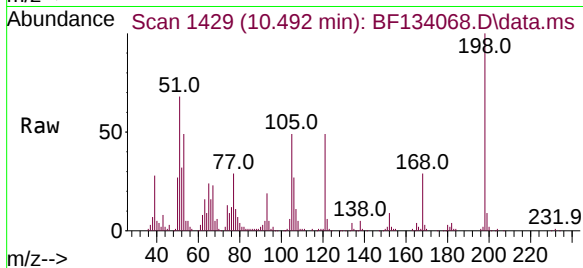




#65
4,6-Dinitro-2-methylphenol
Concen: 31.310 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

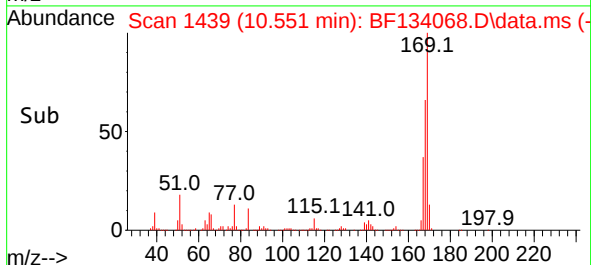
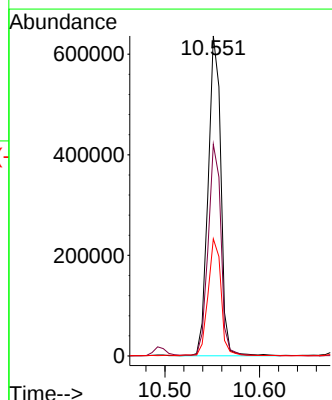
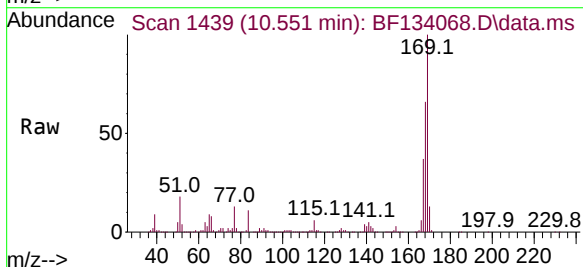
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

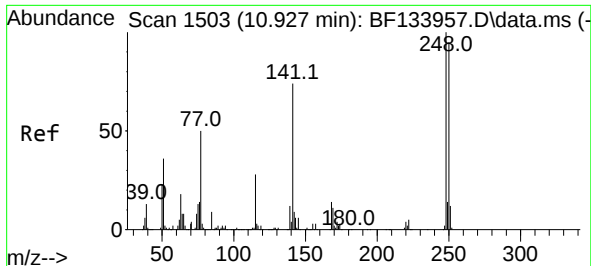
Tgt Ion:198 Resp: 54911
Ion Ratio Lower Upper
198 100
51 68.3 29.3 69.3
105 49.2 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 57.416 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:169 Resp: 590106
Ion Ratio Lower Upper
169 100
168 66.1 52.3 78.5
167 36.6 29.4 44.0

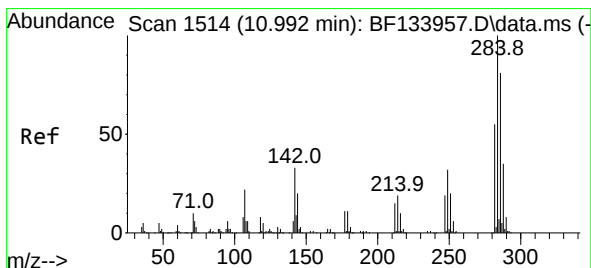
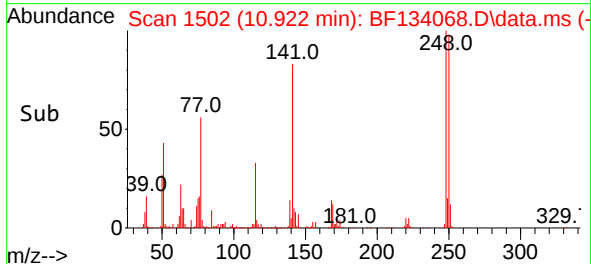
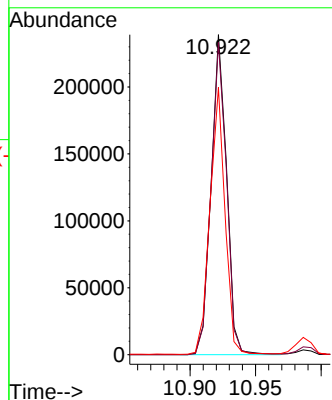
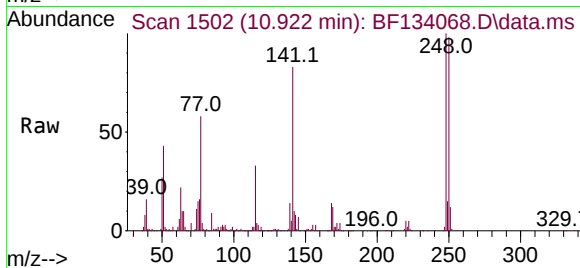




#67
4-Bromophenyl-phenylether
Concen: 57.455 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

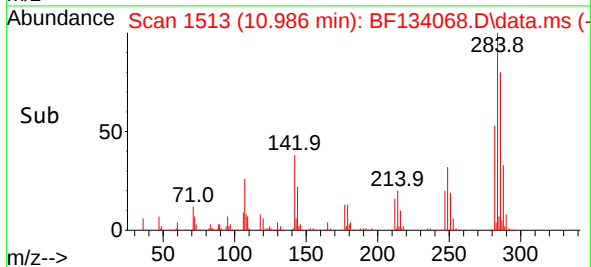
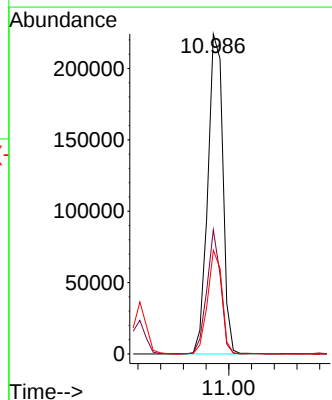
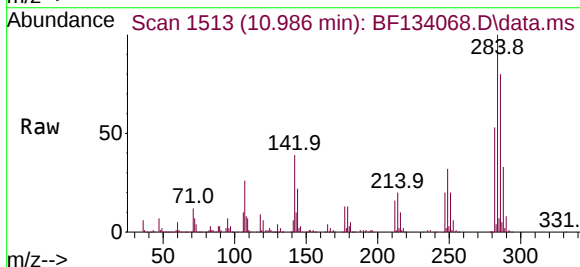
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

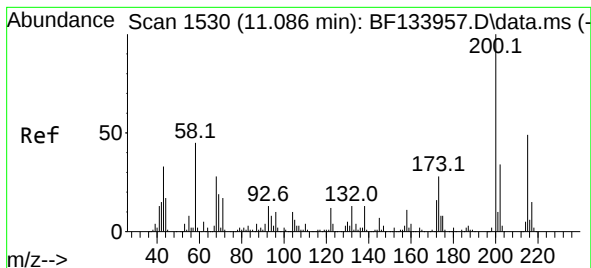
Tgt Ion:248 Resp: 196444
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.4
141 83.5 59.0 88.4



#68
Hexachlorobenzene
Concen: 56.655 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:284 Resp: 205671
Ion Ratio Lower Upper
284 100
142 38.8 26.6 40.0
249 32.4 25.5 38.3





#69

Atrazine

Concen: 64.384 ng

RT: 11.081 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

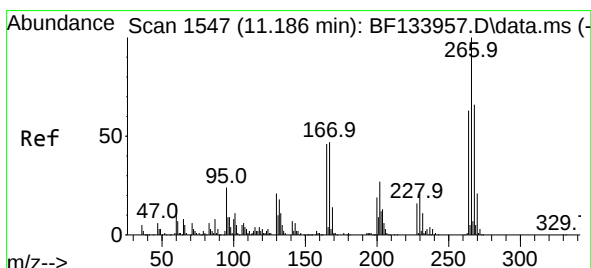
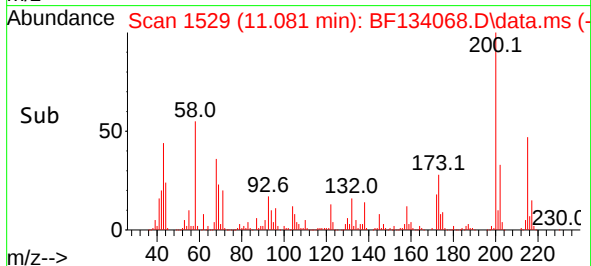
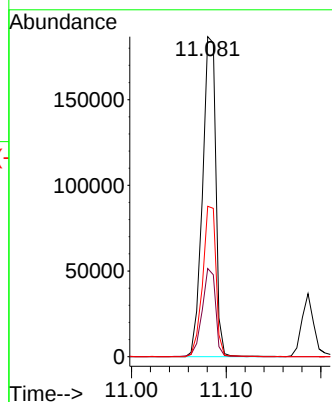
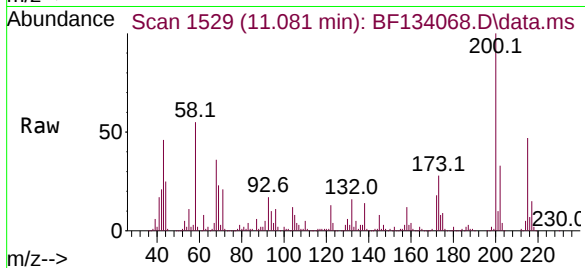
Tgt Ion:200 Resp: 183037

Ion Ratio Lower Upper

200 100

173 27.6 8.0 48.0

215 47.0 29.3 69.3



#70

Pentachlorophenol

Concen: 82.681 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

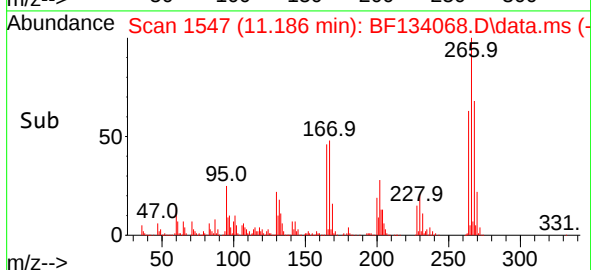
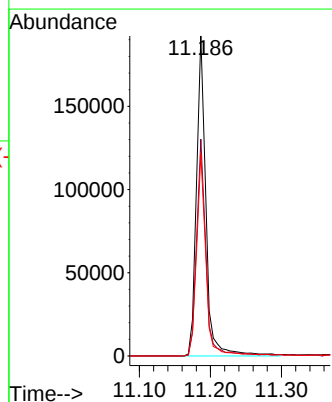
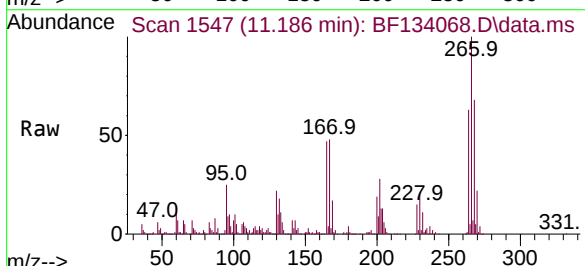
Tgt Ion:266 Resp: 179467

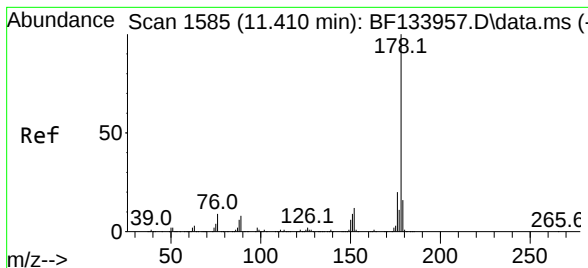
Ion Ratio Lower Upper

266 100

268 67.8 52.6 79.0

264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 65.754 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

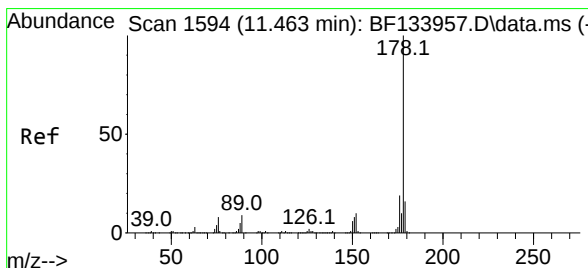
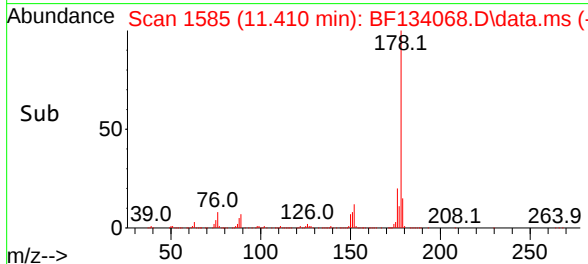
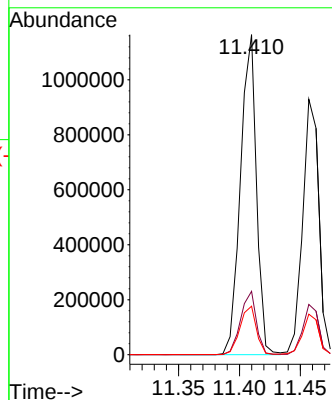
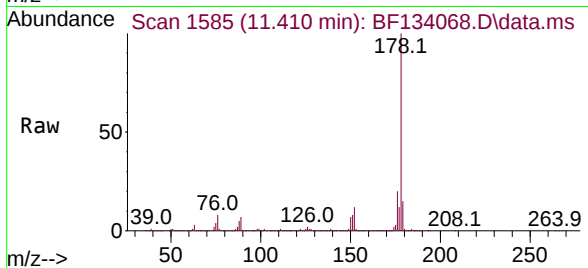
Tgt Ion:178 Resp: 1064816

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 15.1 12.4 18.6



#72

Anthracene

Concen: 51.813 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

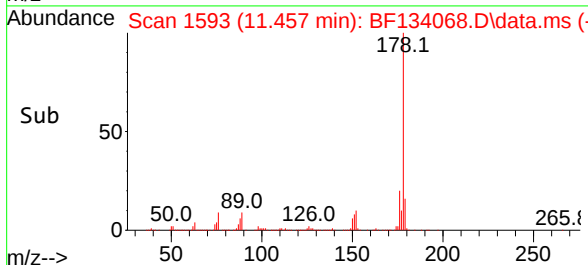
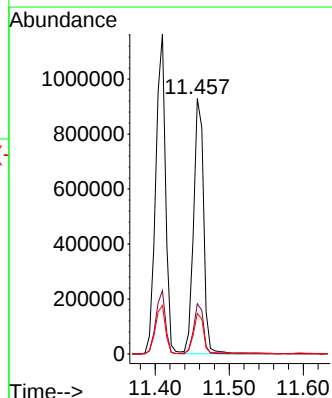
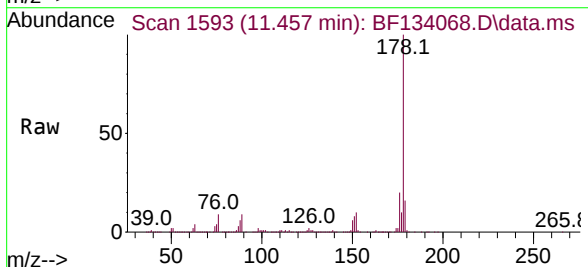
Tgt Ion:178 Resp: 872708

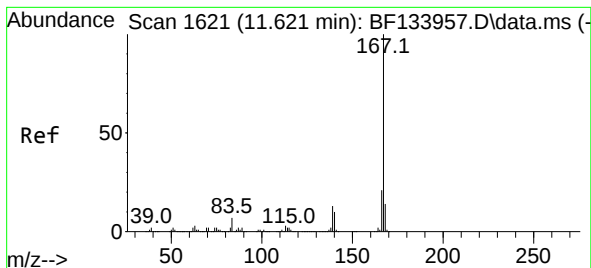
Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.9 12.4 18.6





#73

Carbazole

Concen: 48.553 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

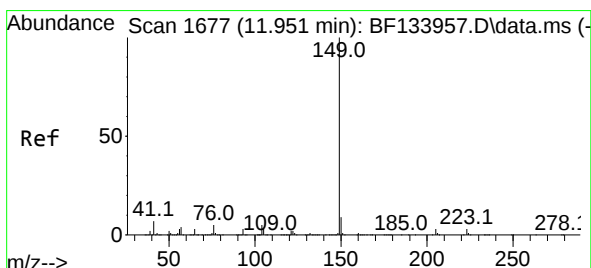
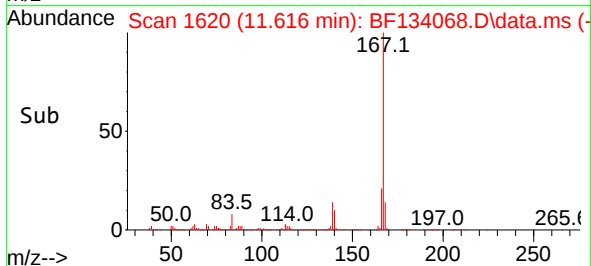
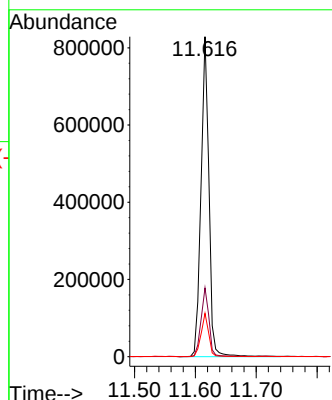
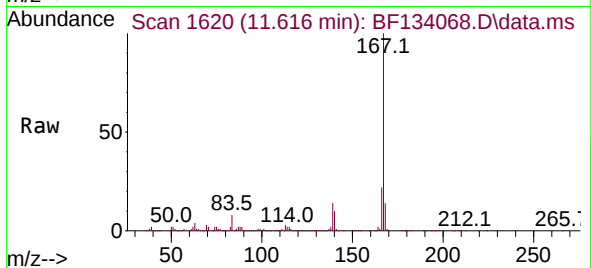
Tgt Ion:167 Resp: 748542

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 13.6 10.4 15.6



#74

Di-n-butylphthalate

Concen: 55.052 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

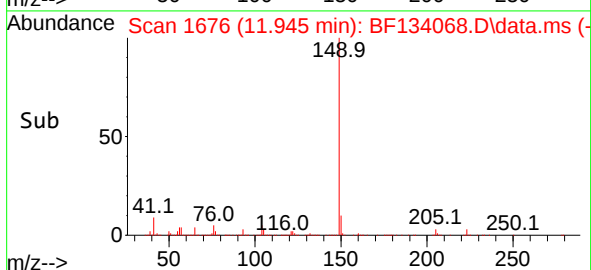
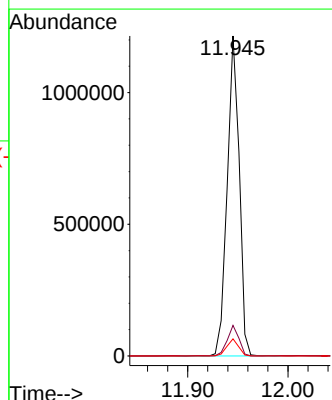
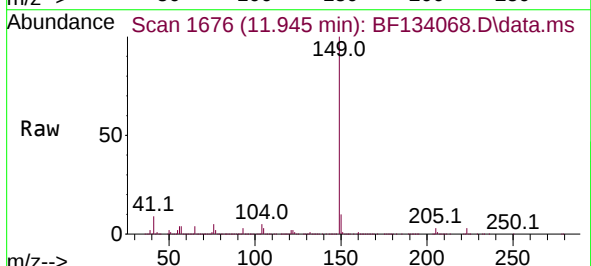
Tgt Ion:149 Resp: 1009307

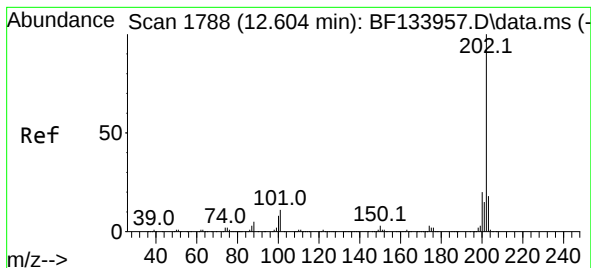
Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 66.070 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

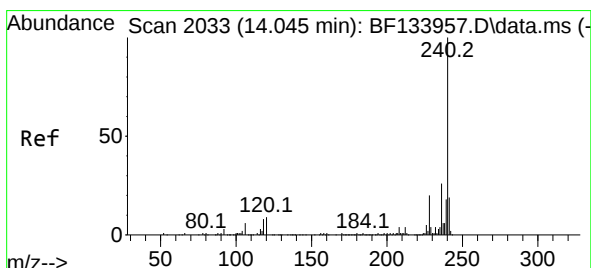
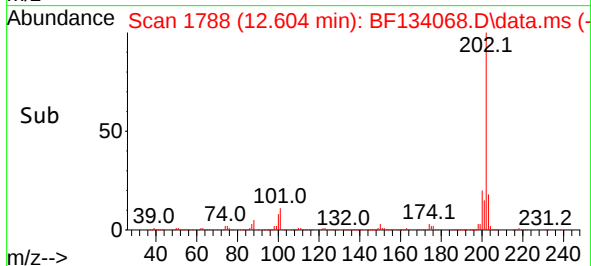
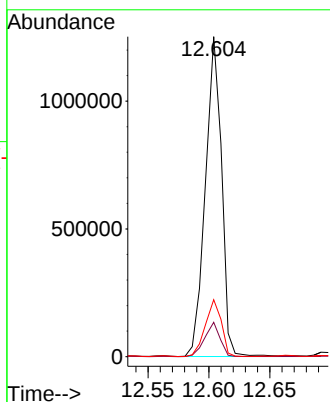
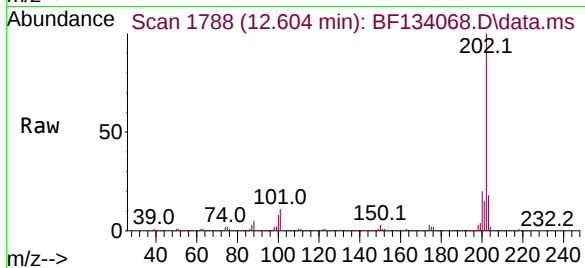
Tgt Ion:202 Resp: 1156700

Ion Ratio Lower Upper

202 100

101 10.7 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: BF134068.D

Acq: 01 Jul 2023 00:22

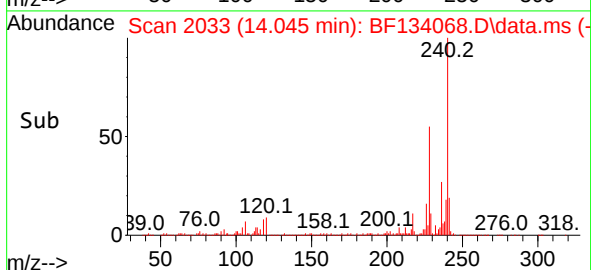
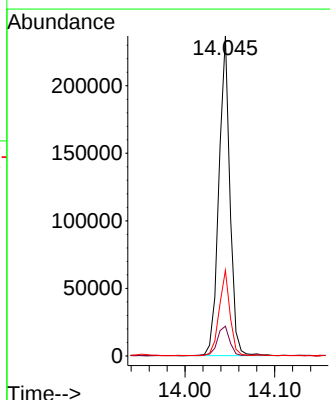
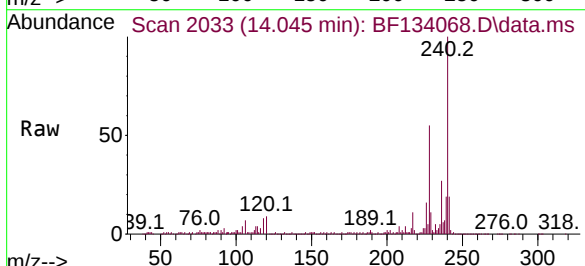
Tgt Ion:240 Resp: 201788

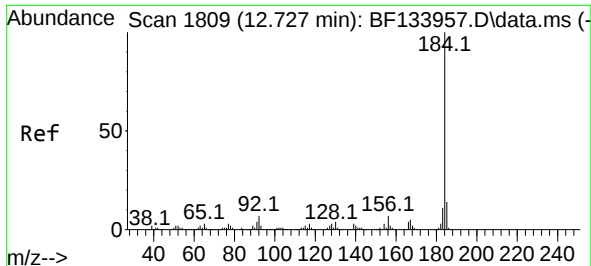
Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 26.8 21.0 31.6

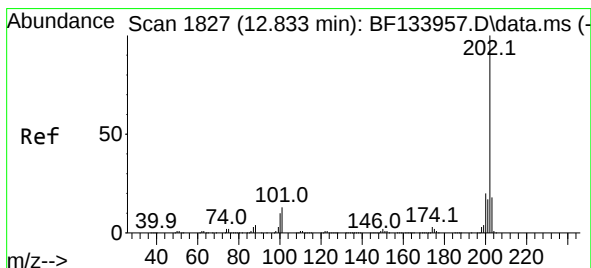
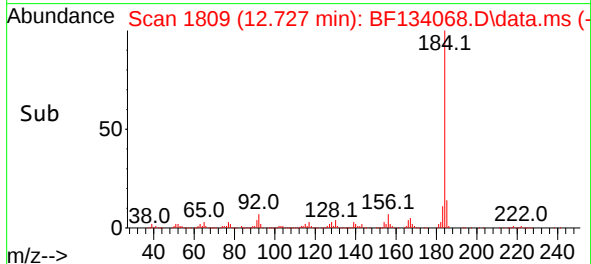
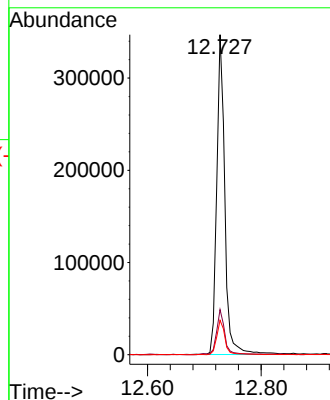
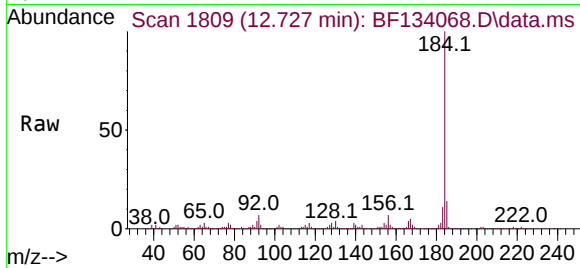




#77
Benzidine
Concen: 71.308 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

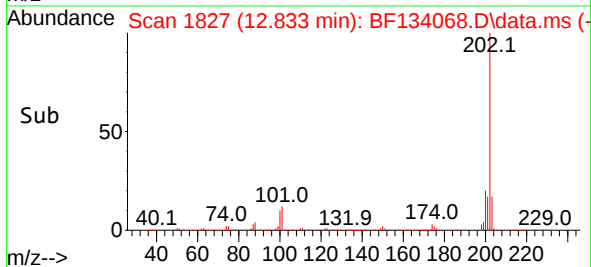
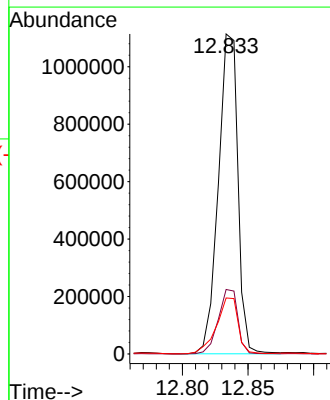
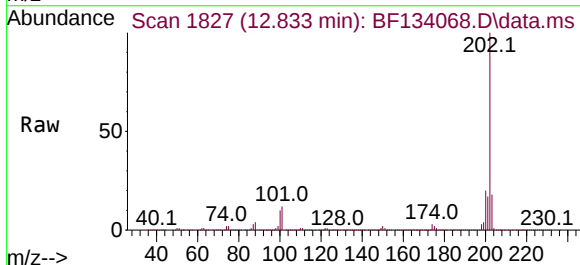
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

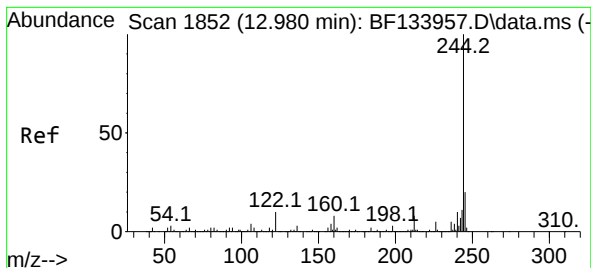
Tgt Ion:184 Resp: 342377
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.7 8.8 13.2



#78
Pyrene
Concen: 61.317 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:202 Resp: 1151482
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 72.491 ng

RT: 12.975 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

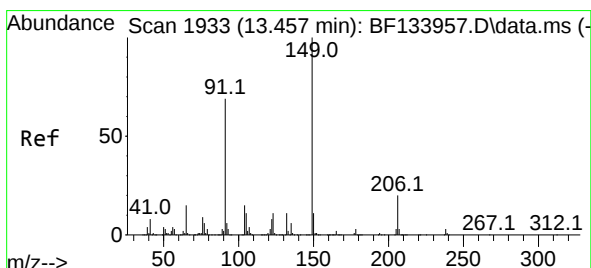
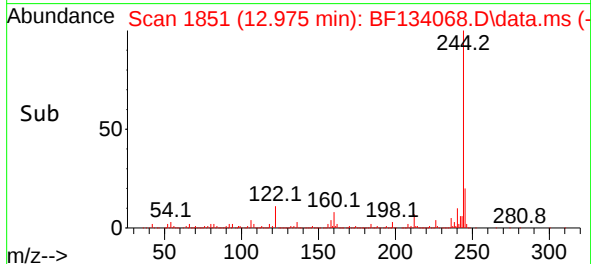
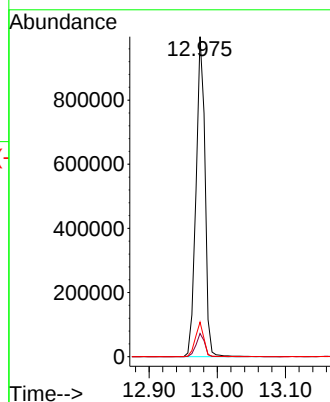
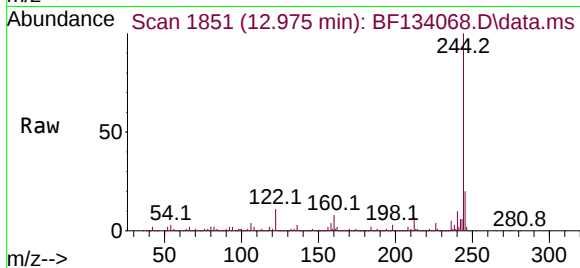
Tgt Ion:244 Resp: 908889

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.8 8.3 12.5



#80

Butylbenzylphthalate

Concen: 48.639 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

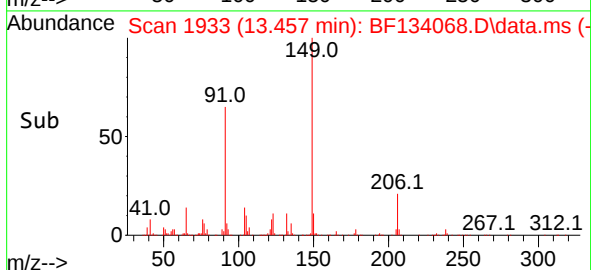
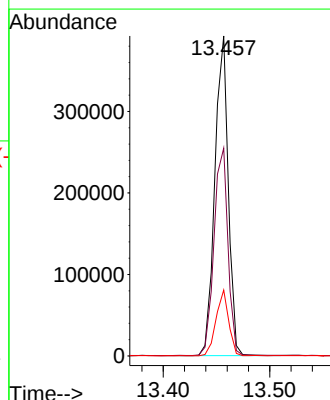
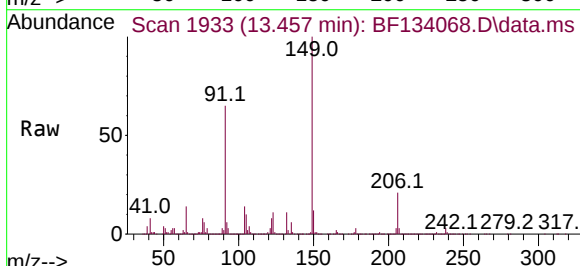
Tgt Ion:149 Resp: 342569

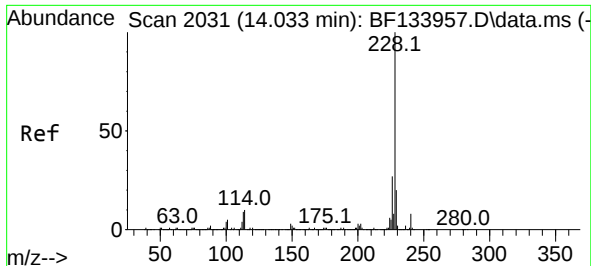
Ion Ratio Lower Upper

149 100

91 64.9 55.1 82.7

206 20.6 15.7 23.5

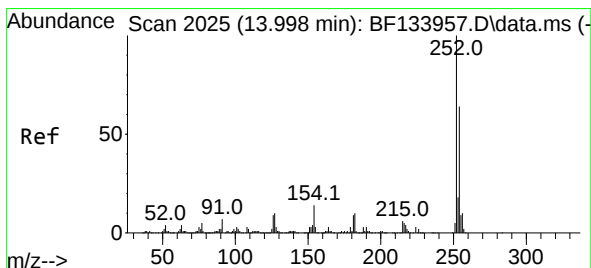
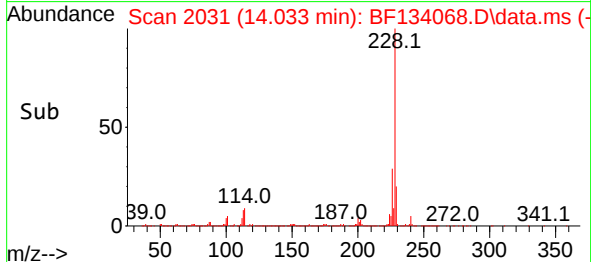
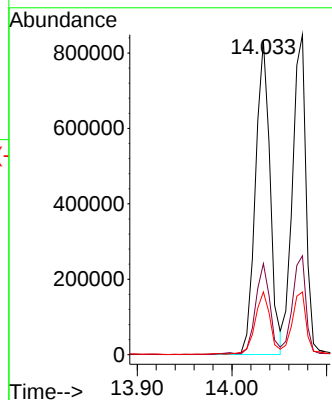
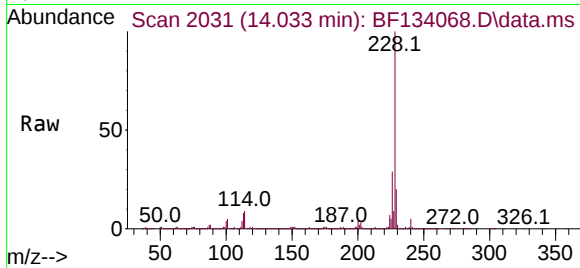




#81
Benzo(a)anthracene
Concen: 63.796 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

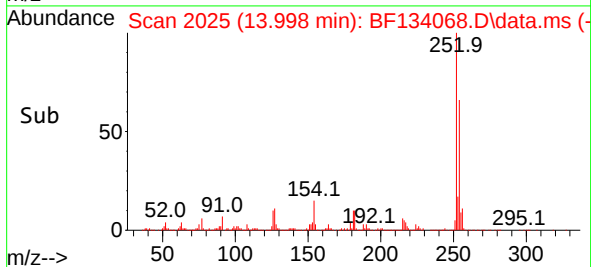
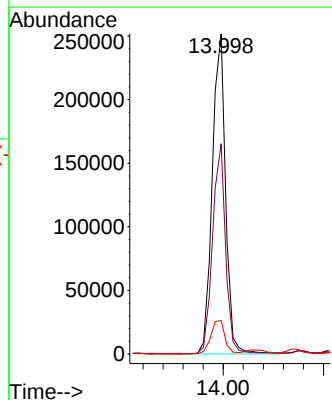
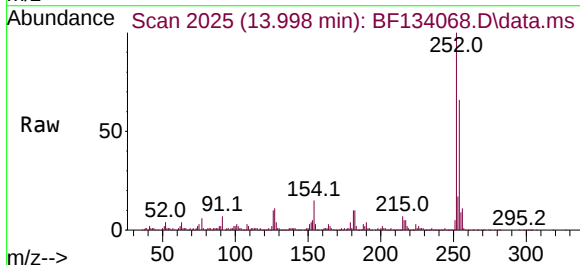
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

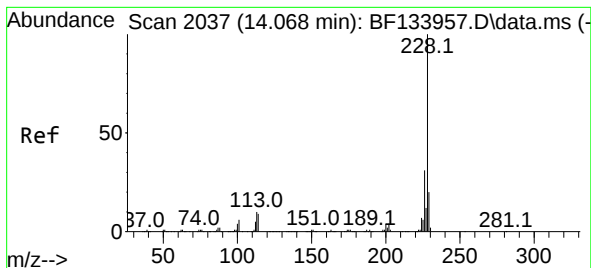
Tgt Ion:228 Resp: 892791
Ion Ratio Lower Upper
228 100
226 29.0 22.0 33.0
229 20.0 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 52.293 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:252 Resp: 231853
Ion Ratio Lower Upper
252 100
254 65.7 51.4 77.0
126 10.5 7.4 11.2





#83

Chrysene

Concen: 61.933 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

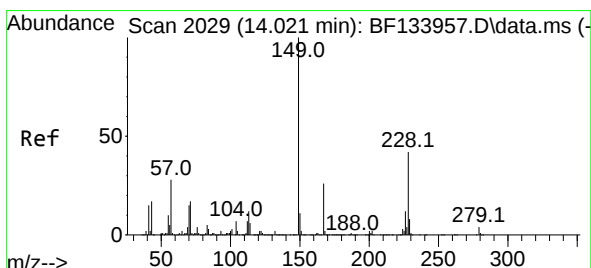
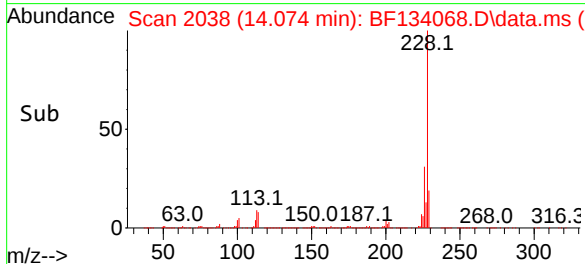
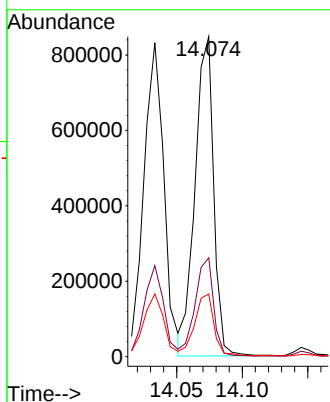
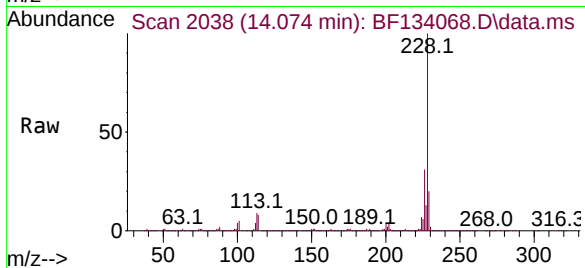
Tgt Ion:228 Resp: 839464

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.264 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

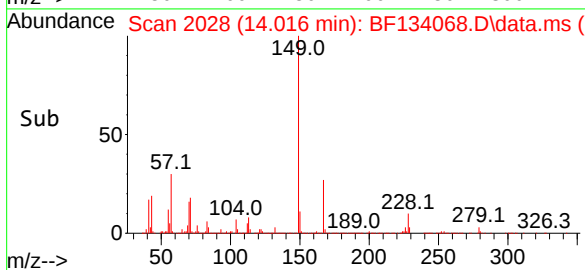
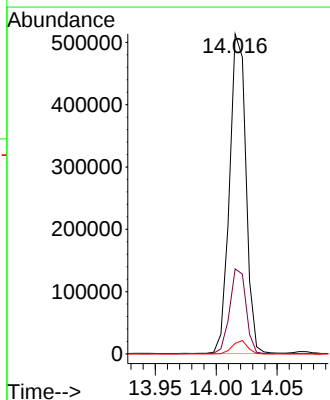
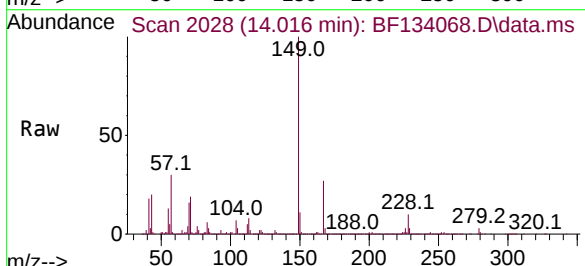
Tgt Ion:149 Resp: 479617

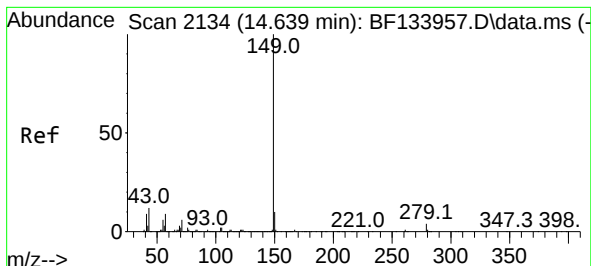
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

279 3.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 70.886 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

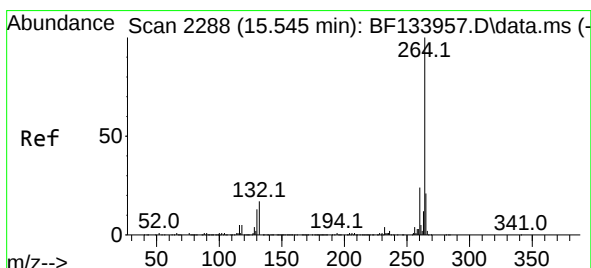
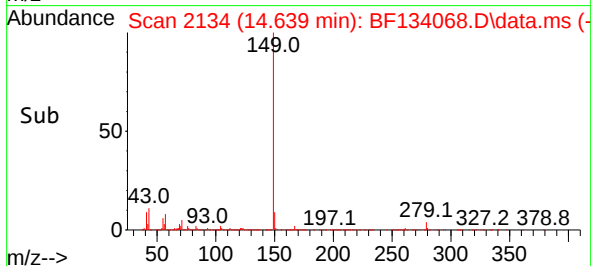
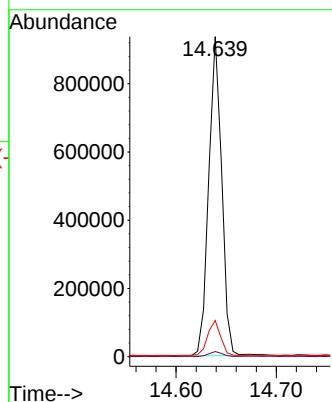
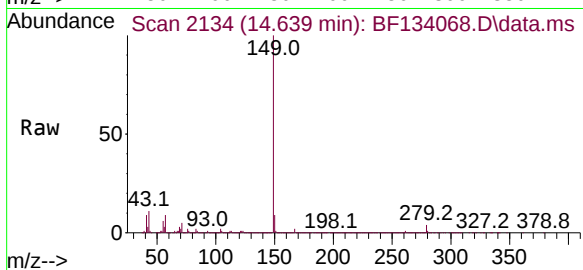
Tgt Ion:149 Resp: 842932

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

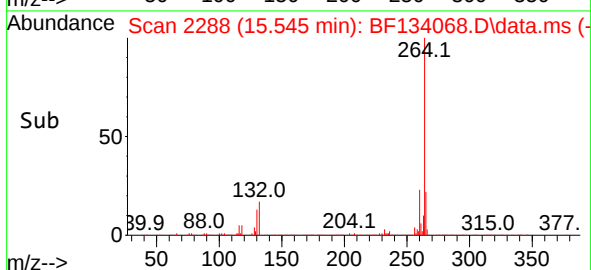
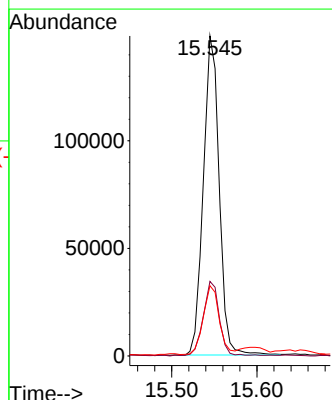
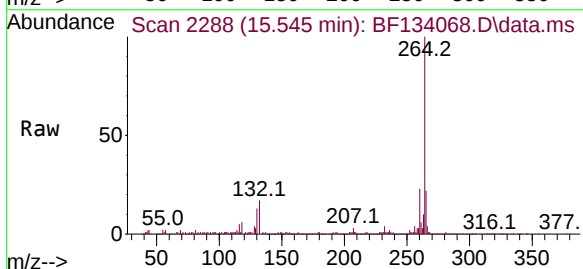
Tgt Ion:264 Resp: 192019

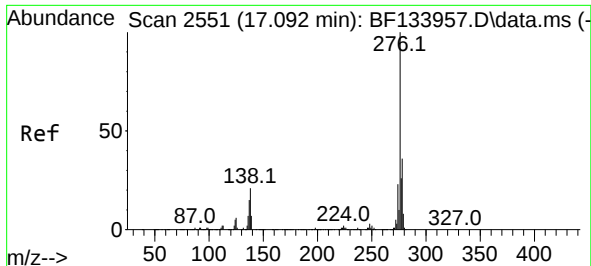
Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.9 16.6 25.0

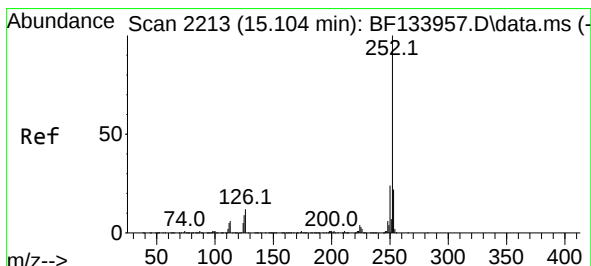
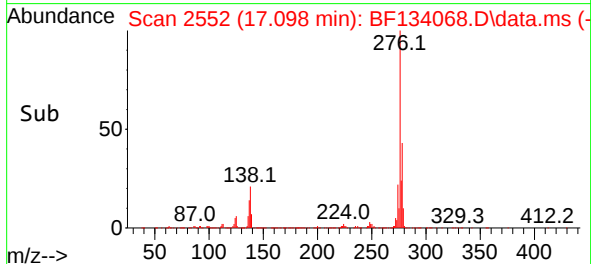
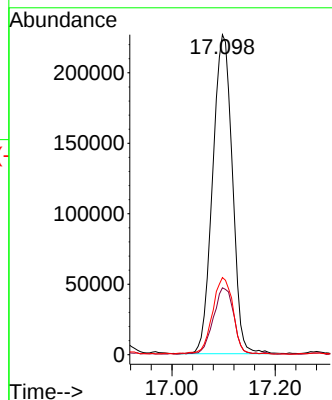
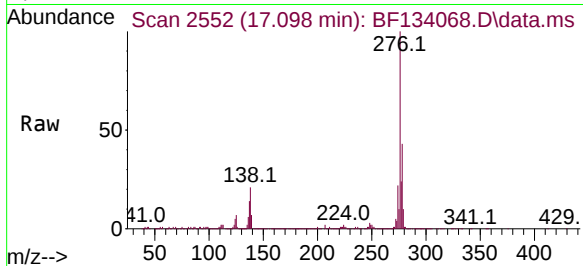




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.912 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

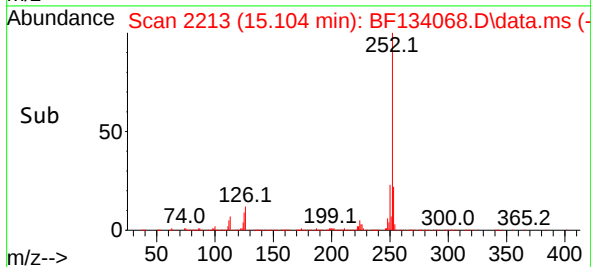
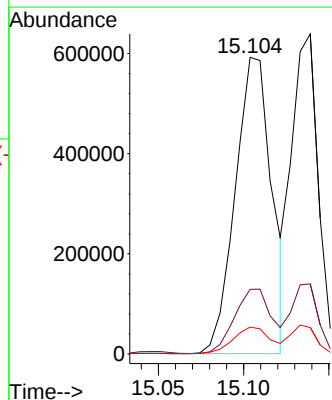
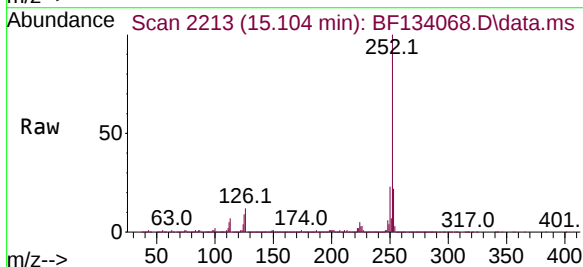
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

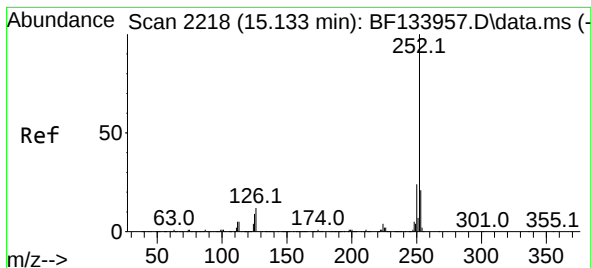
Tgt Ion:276 Resp: 598411
Ion Ratio Lower Upper
276 100
138 21.3 18.7 28.1
277 25.2 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 78.118 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF134068.D
Acq: 01 Jul 2023 00:22

Tgt Ion:252 Resp: 882024
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 60.837 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

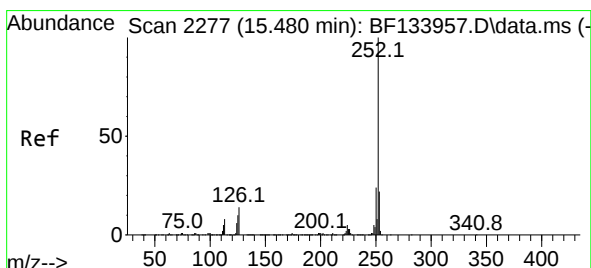
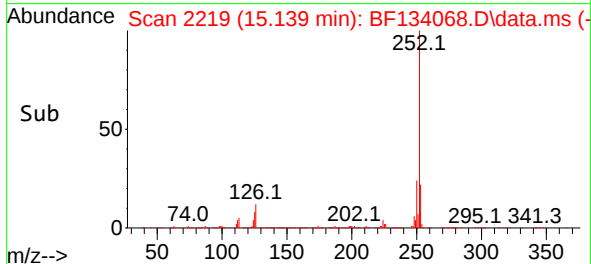
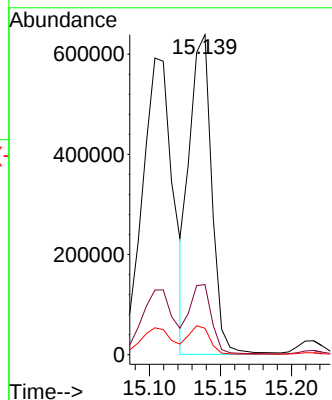
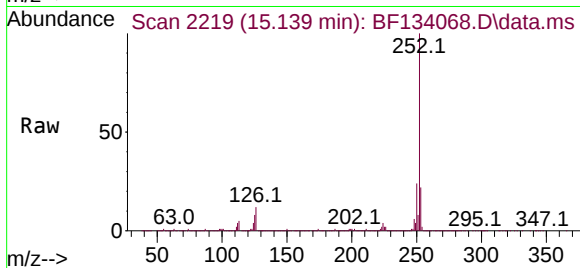
Tgt Ion:252 Resp: 699378

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

125 8.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 61.948 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

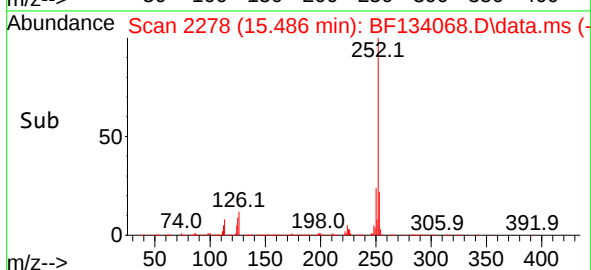
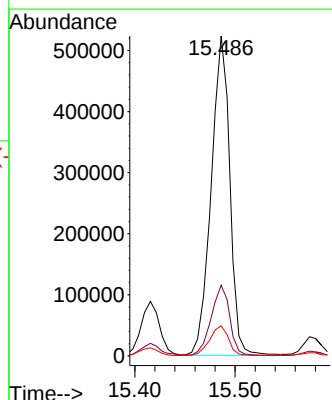
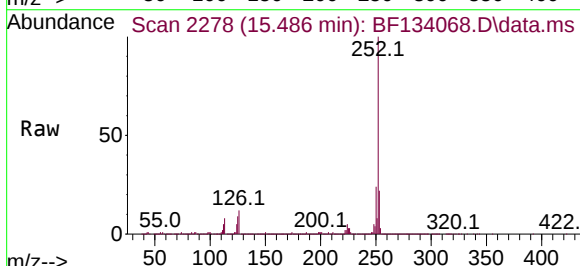
Tgt Ion:252 Resp: 676355

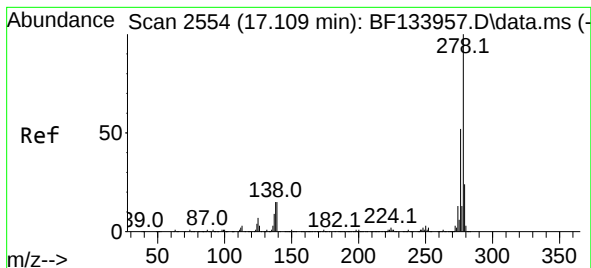
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.4 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 40.563 ng

RT: 17.115 min Scan# 2555

Delta R.T. -0.012 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

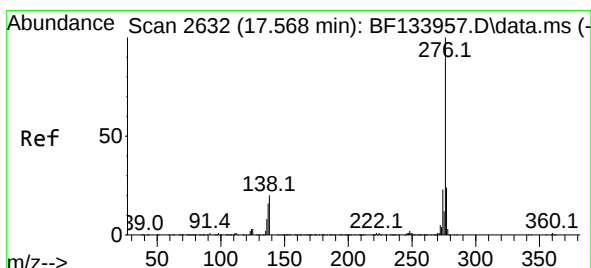
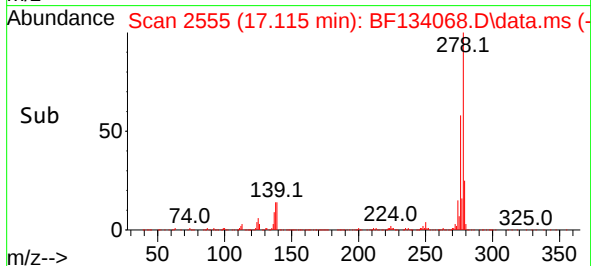
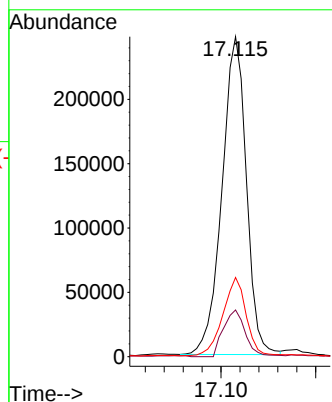
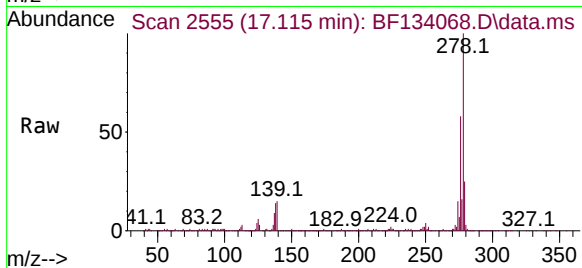
Tgt Ion:278 Resp: 441453

Ion Ratio Lower Upper

278 100

139 14.6 12.2 18.4

279 24.8 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 41.866 ng

RT: 17.568 min Scan# 2632

Delta R.T. -0.012 min

Lab File: BF134068.D

Acq: 01 Jul 2023 00:22

Tgt Ion:276 Resp: 469861

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 19.9 16.2 24.2

