

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134301.D
 Acq On : 14 Jul 2023 21:19
 Operator : CG\JU
 Sample : 03564-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225MSD

Quant Time: Jul 15 01:06:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	79607	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	295773	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	146601	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	271544	20.000	ng	0.00
76) Chrysene-d12	14.045	240	173804	20.000	ng	0.00
86) Perylene-d12	15.551	264	153118	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	402173	84.508	ng	0.01
7) Phenol-d6	6.487	99	487964	83.375	ng	0.00
23) Nitrobenzene-d5	7.410	82	327379	59.666	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	161878	88.069	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	610190	60.515	ng	0.00
79) Terphenyl-d14	12.974	244	635733	58.869	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	65758	33.511	ng	98
3) Pyridine	3.422	79	154860	30.298	ng	100
4) n-Nitrosodimethylamine	3.387	42	115759	39.654	ng	96
6) Aniline	6.510	93	208273	29.244	ng	91
8) 2-Chlorophenol	6.634	128	206225	42.688	ng	95
9) Benzaldehyde	6.398	77	138139	44.151	ng	96
10) Phenol	6.498	94	248723	40.419	ng	89
11) bis(2-Chloroethyl)ether	6.581	93	189897	41.916	ng	99
12) 1,3-Dichlorobenzene	6.781	146	221586	43.023	ng	98
13) 1,4-Dichlorobenzene	6.863	146	226221	43.486	ng	99
14) 1,2-Dichlorobenzene	7.010	146	211955	43.505	ng	98
15) Benzyl Alcohol	6.992	79	202167	44.808	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	296539	36.999	ng	88
17) 2-Methylphenol	7.104	107	171214	39.578	ng	95
18) Hexachloroethane	7.351	117	84987	44.060	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	161942	43.632	ng	97
20) 3+4-Methylphenols	7.257	107	212538	40.497	ng	93
22) Acetophenone	7.251	105	299895	44.583	ng	97
24) Nitrobenzene	7.428	77	231313	41.718	ng	94
25) Isophorone	7.663	82	410820	41.197	ng	96
26) 2-Nitrophenol	7.739	139	115493	43.421	ng	89
27) 2,4-Dimethylphenol	7.781	122	182481	43.341	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	238498	41.305	ng	98
29) 2,4-Dichlorophenol	7.987	162	177766	42.578	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	188402	43.733	ng	98
31) Naphthalene	8.145	128	587824	41.145	ng	100
32) Benzoic acid	7.910	122	131618	41.718	ng	93
33) 4-Chloroaniline	8.198	127	137679	22.528	ng	99
34) Hexachlorobutadiene	8.257	225	123646	45.500	ng	99
35) Caprolactam	8.575	113	51340	37.347	ng	94
36) 4-Chloro-3-methylphenol	8.687	107	201301	42.919	ng	98
37) 2-Methylnaphthalene	8.839	142	402146	39.805	ng	99
38) 1-Methylnaphthalene	8.939	142	372073	39.615	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	190317	43.819	ng	99
41) Hexachlorocyclopentadiene	8.986	237	88332	42.868	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	126279	42.710	ng	98

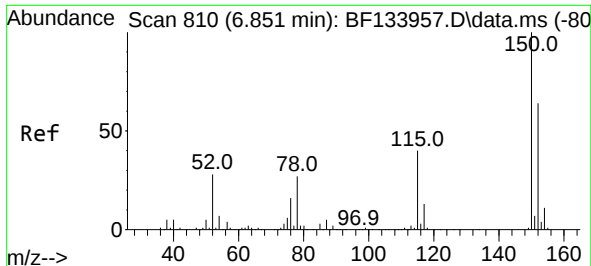
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 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	136424	39.226	ng	97
46) 1,1'-Biphenyl	9.304	154	499043	42.436	ng	97
47) 2-Chloronaphthalene	9.328	162	369043	42.891	ng	97
48) 2-Nitroaniline	9.428	65	128379	40.940	ng	97
49) Acenaphthylene	9.745	152	608985	41.433	ng	99
50) Dimethylphthalate	9.604	163	444955	41.812	ng	100
51) 2,6-Dinitrotoluene	9.675	165	93948	40.988	ng	95
52) Acenaphthene	9.916	154	394715	46.281	ng	98
53) 3-Nitroaniline	9.845	138	87480	31.814	ng	96
54) 2,4-Dinitrophenol	9.957	184	73490	56.701	ng	96
55) Dibenzofuran	10.092	168	578665	43.414	ng	98
56) 4-Nitrophenol	10.016	139	144890	75.330	ng	90
57) 2,4-Dinitrotoluene	10.081	165	129321	42.723	ng	86
58) Fluorene	10.433	166	500945	48.308	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	113614	41.415	ng	# 98
60) Diethylphthalate	10.310	149	469114	42.312	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	211573	42.337	ng	99
62) 4-Nitroaniline	10.463	138	95287	34.385	ng	92
63) Azobenzene	10.586	77	455485	43.431	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	51111	34.524	ng	79
66) n-Nitrosodiphenylamine	10.545	169	372875	42.978	ng	96
67) 4-Bromophenyl-phenylether	10.916	248	130347	45.162	ng	92
68) Hexachlorobenzene	10.986	284	144763	47.239	ng	98
69) Atrazine	11.080	200	122202	50.921	ng	97
70) Pentachlorophenol	11.186	266	136495	74.494	ng	97
71) Phenanthrene	11.410	178	1217022	89.029	ng	100
72) Anthracene	11.457	178	758316	53.334	ng	99
73) Carbazole	11.616	167	598296	45.973	ng	99
74) Di-n-butylphthalate	11.939	149	708718	45.794	ng	99
75) Fluoranthene	12.610	202	1642696	111.154	ng	98
77) Benzidine	12.727	184	49631	12.001	ng	97
78) Pyrene	12.839	202	1453025	89.833	ng	100
80) Butylbenzylphthalate	13.451	149	258094	42.545	ng	98
81) Benzo(a)anthracene	14.039	228	1082497	89.807	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	157112	41.141	ng	97
83) Chrysene	14.074	228	1007442	86.293	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	357867	51.340	ng	99
85) Di-n-octyl phthalate	14.639	149	623497	60.875	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	610020	57.414	ng	# 95
88) Benzo(b)fluoranthene	15.116	252	1340317	148.867	ng	99
89) Benzo(k)fluoranthene	15.145	252	587182	64.055	ng	97
90) Benzo(a)pyrene	15.498	252	747481	85.856	ng	97
91) Dibenzo(a,h)anthracene	17.121	278	375582	43.278	ng	98
92) Benzo(g,h,i)perylene	17.586	276	510386	57.030	ng	# 96

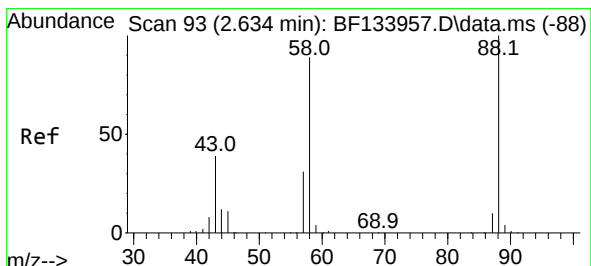
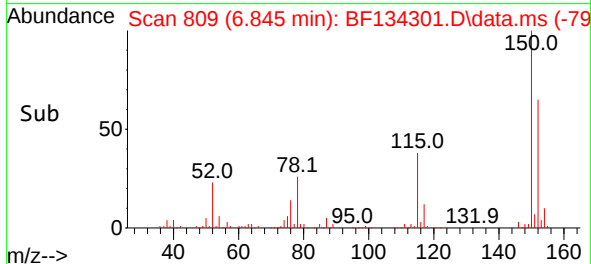
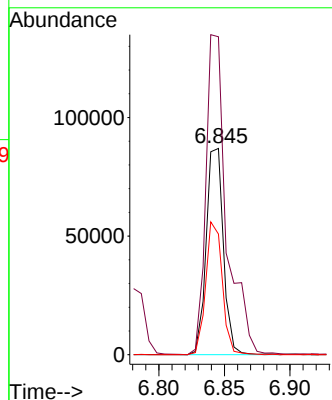
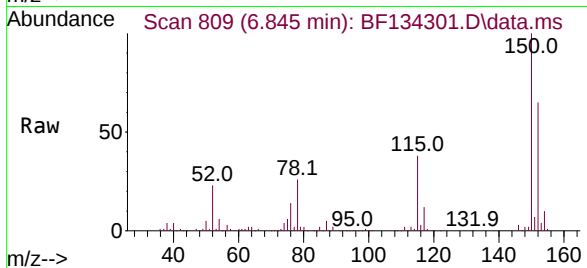
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

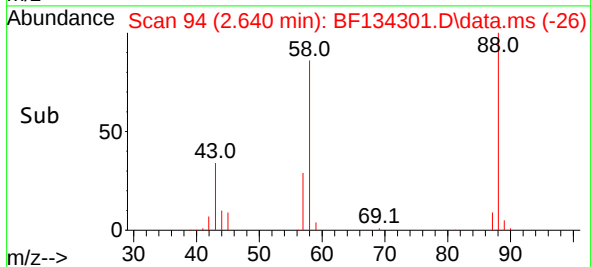
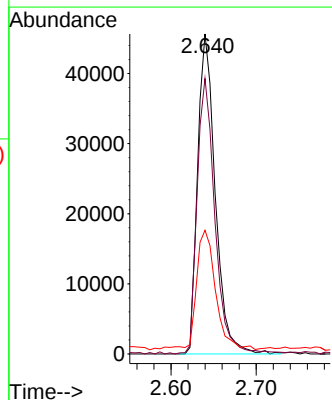
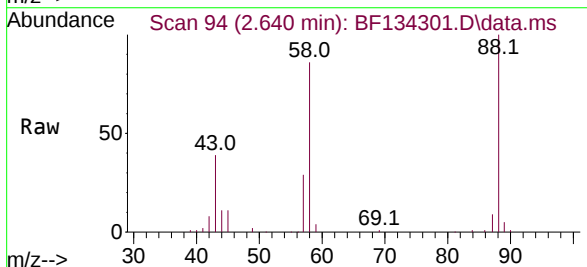
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 VNJ-225MSD

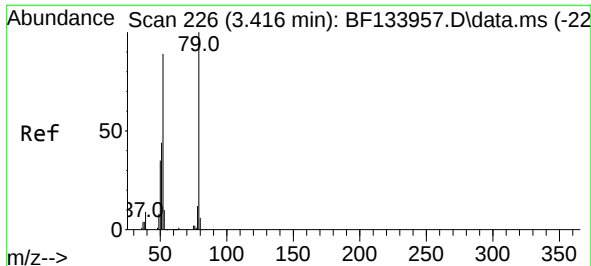
Tgt Ion:152 Resp: 79607
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.5 186.7
 115 58.5 50.2 75.2



#2
 1,4-Dioxane
 Concen: 33.511 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.047 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

Tgt Ion: 88 Resp: 65758
 Ion Ratio Lower Upper
 88 100
 58 87.2 68.8 103.2
 43 41.0 30.7 46.1

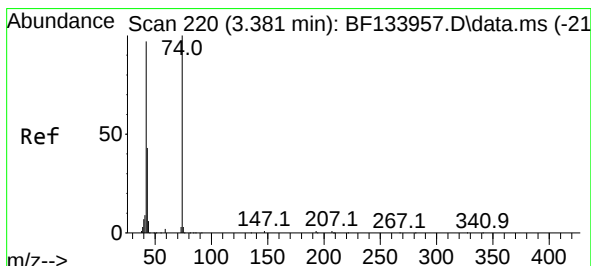
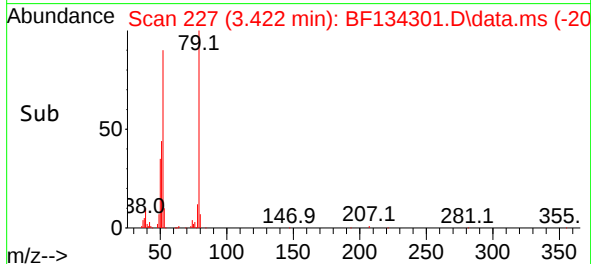
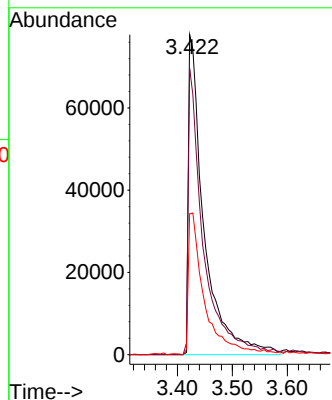
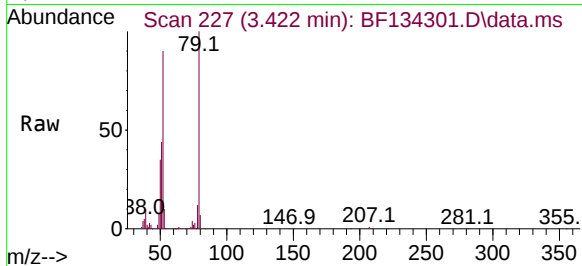




#3
Pyridine
Concen: 30.298 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

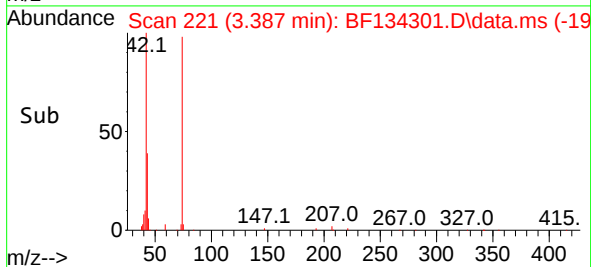
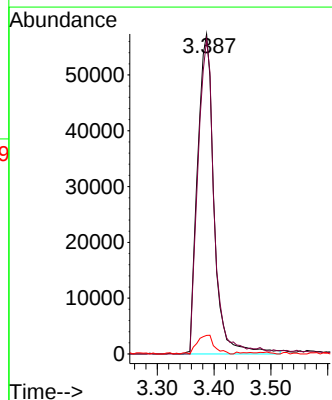
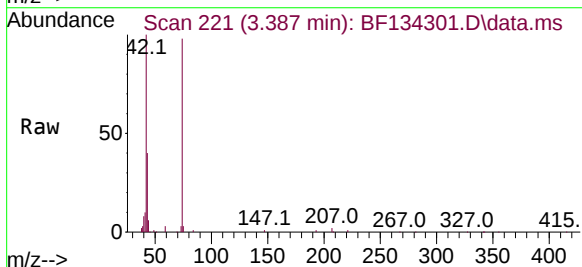
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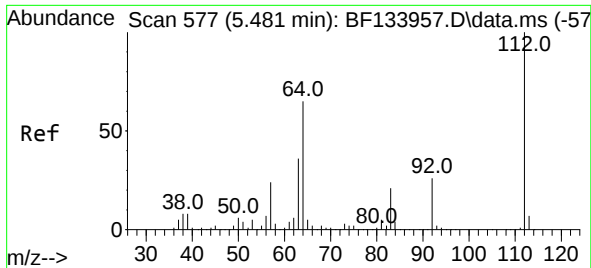
Tgt Ion: 79 Resp: 154860
Ion Ratio Lower Upper
79 100
52 89.5 71.1 106.7
51 44.0 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 39.654 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.047 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 42 Resp: 115759
Ion Ratio Lower Upper
42 100
74 98.3 82.4 123.6
44 5.8 4.9 7.3

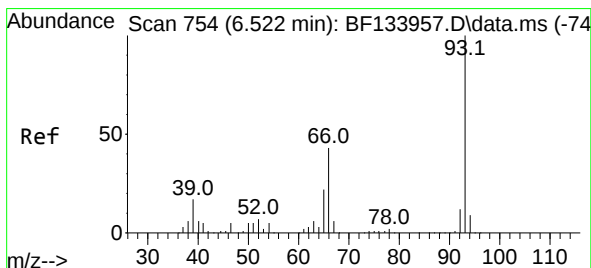
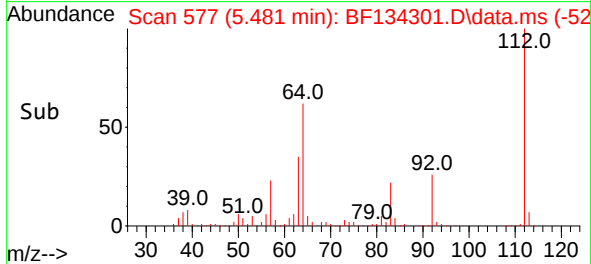
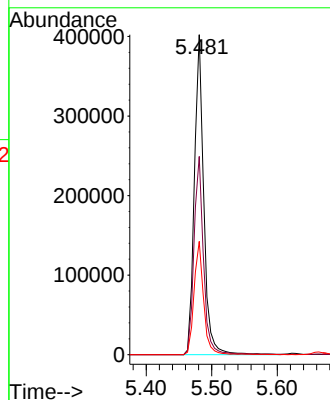
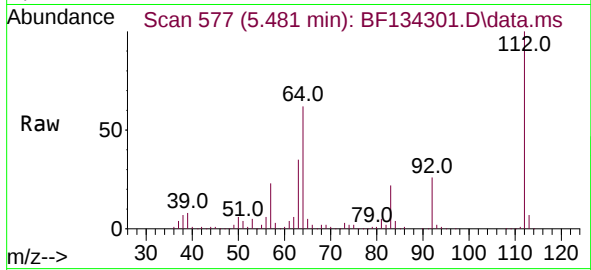




#5
2-Fluorophenol
Concen: 84.508 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

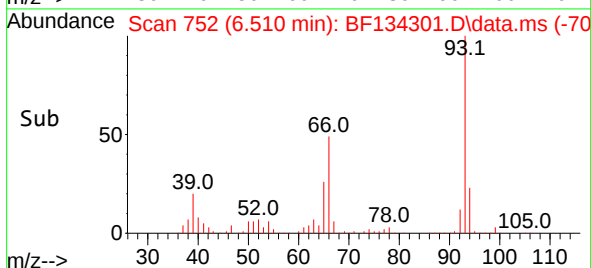
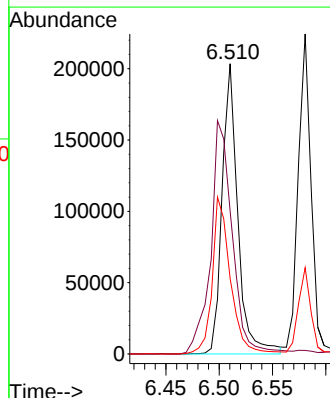
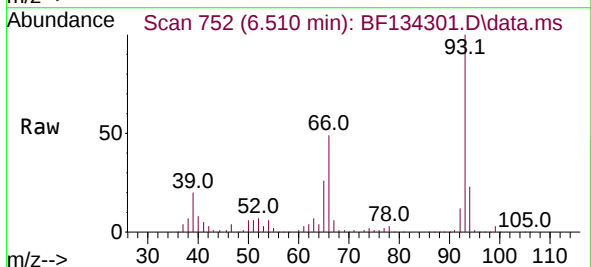
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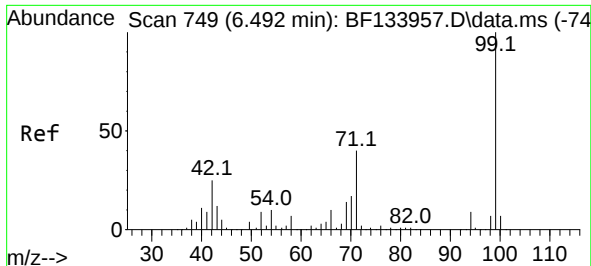
Tgt Ion:112 Resp: 402173
Ion Ratio Lower Upper
112 100
64 62.0 52.1 78.1
63 35.4 28.6 42.8



#6
Aniline
Concen: 29.244 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 93 Resp: 208273
Ion Ratio Lower Upper
93 100
66 49.3 34.5 51.7
65 26.0 17.8 26.6

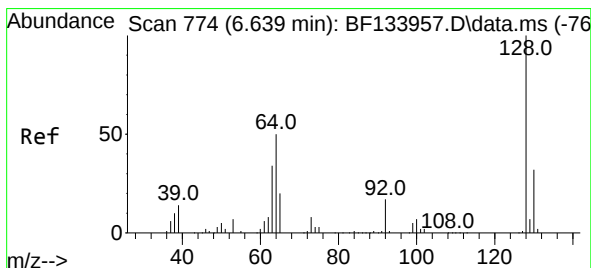
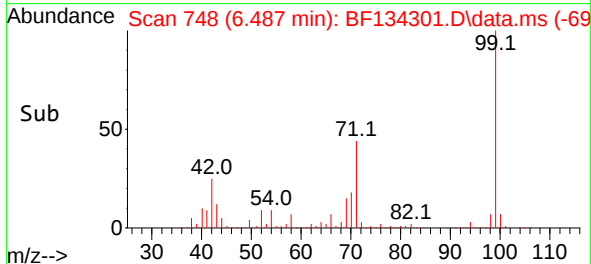
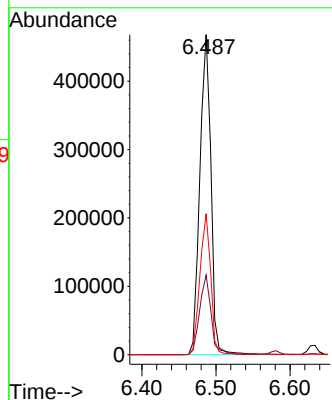
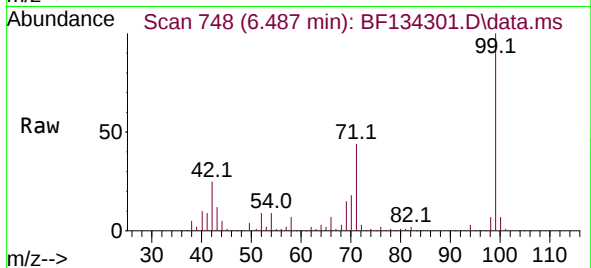




#7
Phenol-d6
Concen: 83.375 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

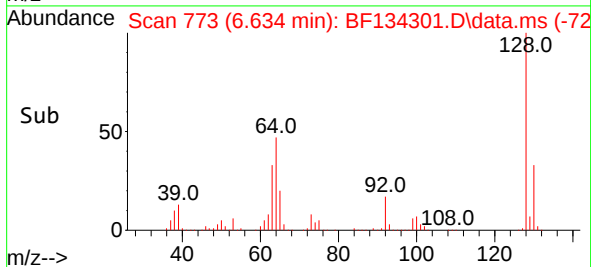
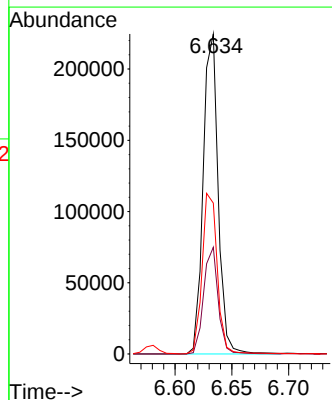
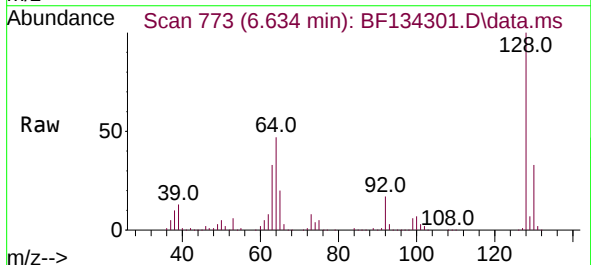
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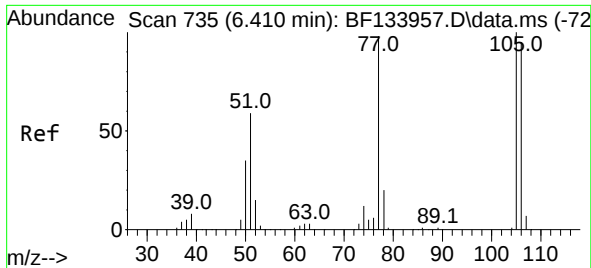
Tgt Ion: 99 Resp: 487964
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 44.0 31.9 47.9



#8
2-Chlorophenol
Concen: 42.688 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:128 Resp: 206225
Ion Ratio Lower Upper
128 100
130 33.3 11.7 51.7
64 47.2 31.3 71.3





#9

Benzaldehyde

Concen: 44.151 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

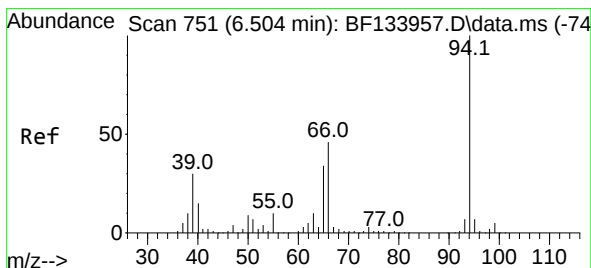
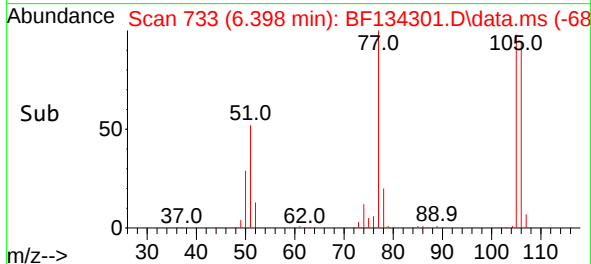
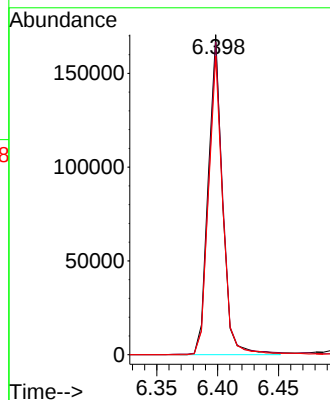
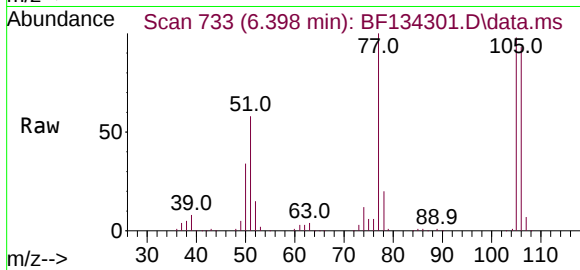
Tgt Ion: 77 Resp: 138139

Ion Ratio Lower Upper

77 100

105 97.7 82.0 122.0

106 93.3 76.9 116.9



#10

Phenol

Concen: 40.419 ng

RT: 6.498 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

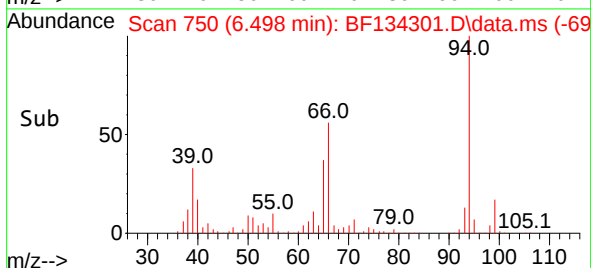
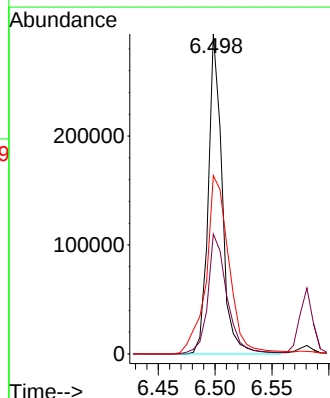
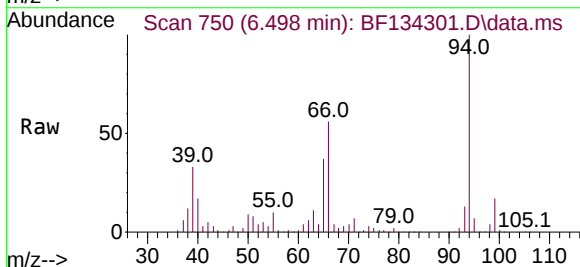
Tgt Ion: 94 Resp: 248723

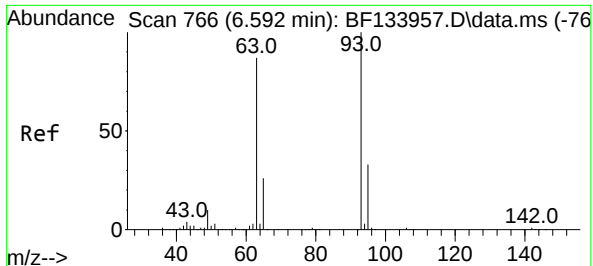
Ion Ratio Lower Upper

94 100

65 37.5 14.2 54.2

66 55.7 26.4 66.4

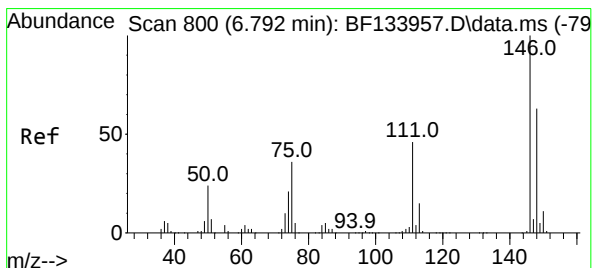
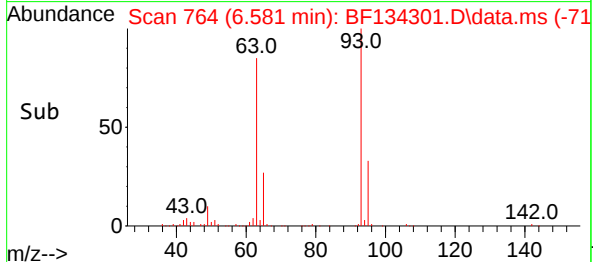
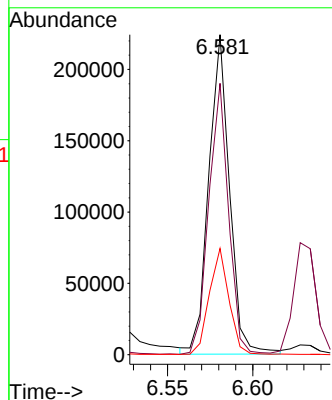
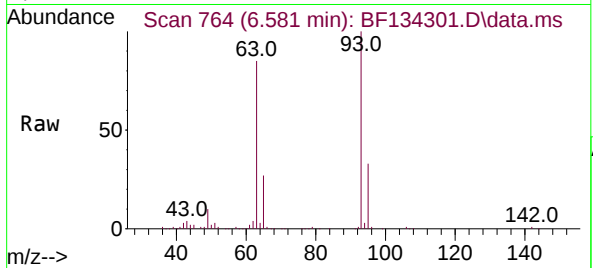




#11
bis(2-Chloroethyl)ether
Concen: 41.916 ng
RT: 6.581 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

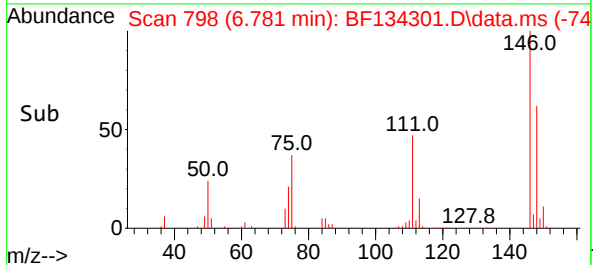
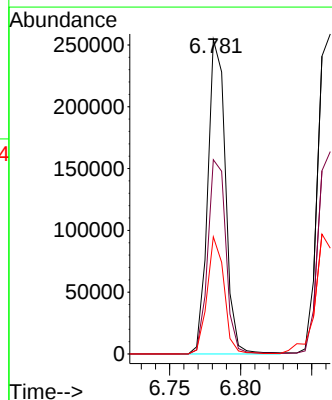
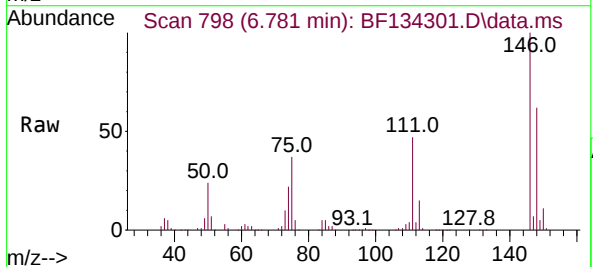
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

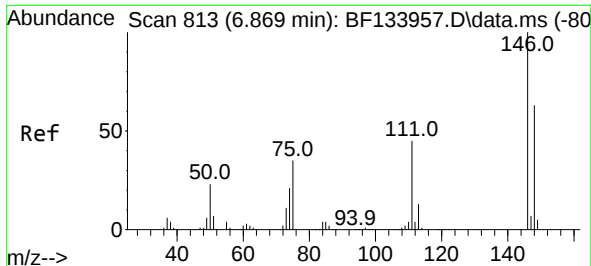
Tgt Ion: 93 Resp: 189897
Ion Ratio Lower Upper
93 100
63 84.8 66.5 106.5
95 33.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.023 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:146 Resp: 221586
Ion Ratio Lower Upper
146 100
148 61.8 50.5 75.7
75 37.3 29.0 43.6

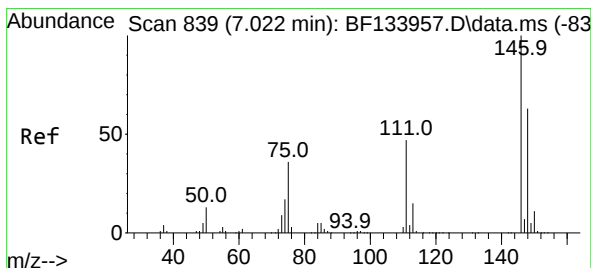
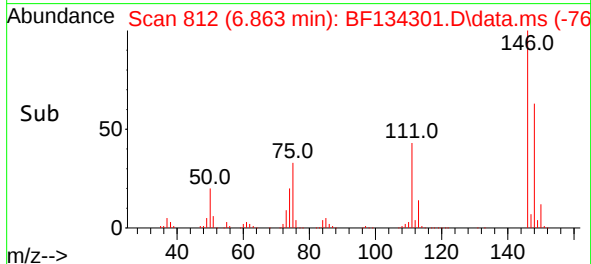
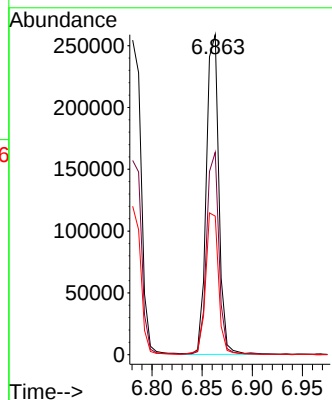
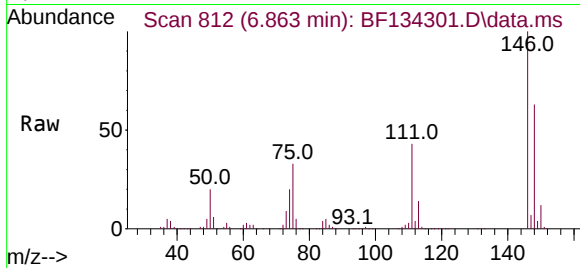




#13
1,4-Dichlorobenzene
Concen: 43.486 ng
RT: 6.863 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

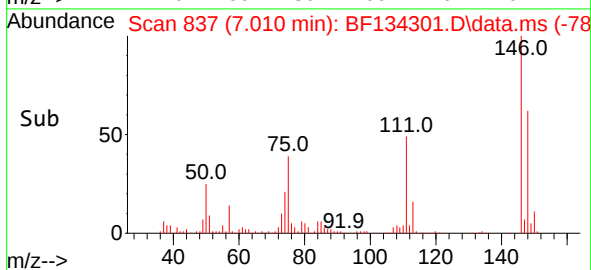
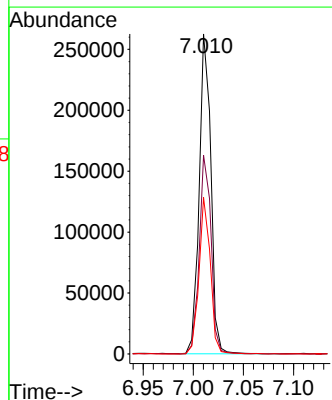
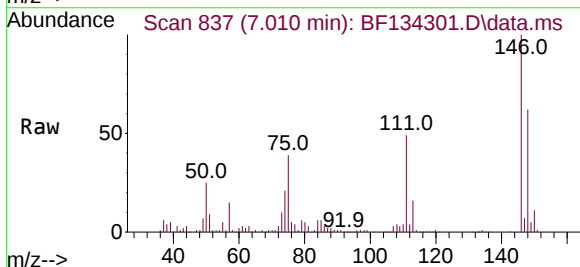
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

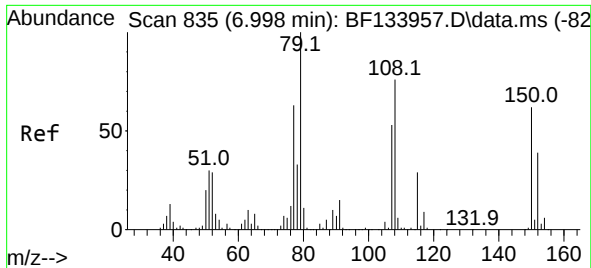
Tgt Ion:146 Resp: 226221
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 43.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 43.505 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:146 Resp: 211955
Ion Ratio Lower Upper
146 100
148 62.1 50.6 76.0
111 48.9 38.0 57.0

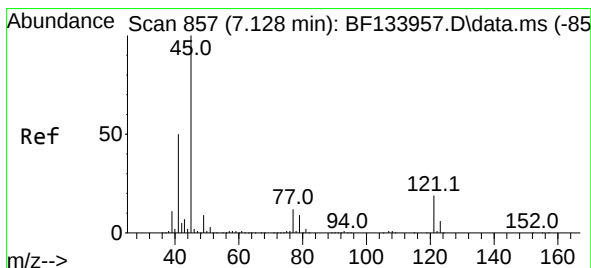
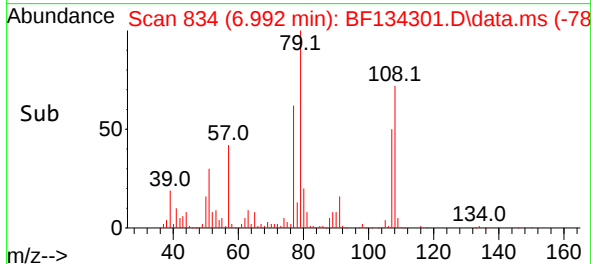
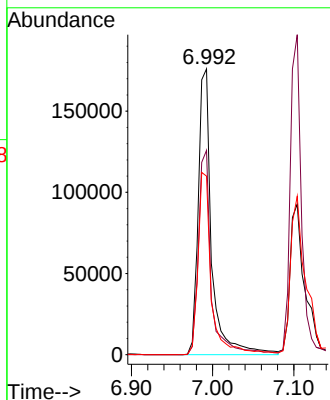
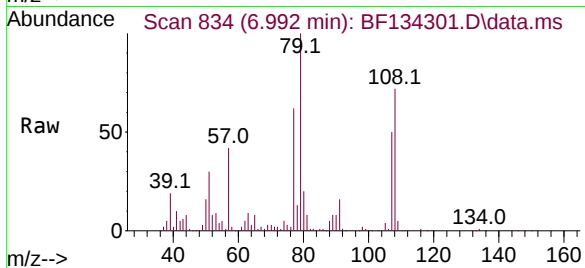




#15
Benzyl Alcohol
Concen: 44.808 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

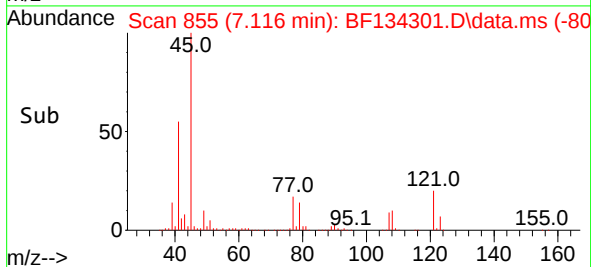
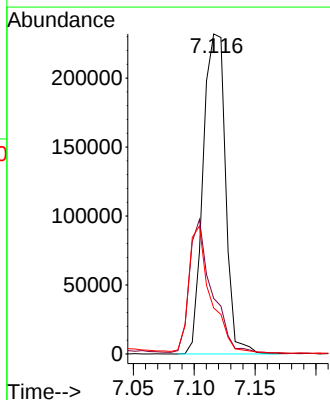
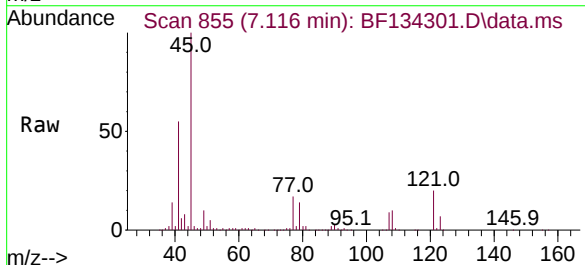
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

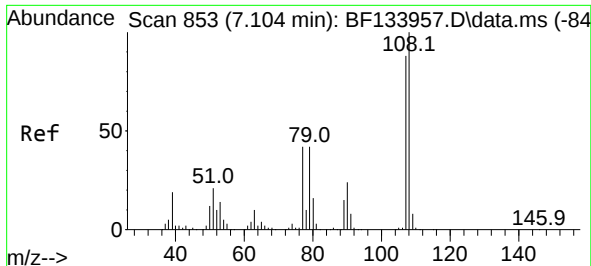
Tgt Ion: 79 Resp: 202167
Ion Ratio Lower Upper
79 100
108 71.5 60.7 91.1
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.999 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 45 Resp: 296539
Ion Ratio Lower Upper
45 100
77 17.3 0.0 32.9
79 14.4 0.0 29.5

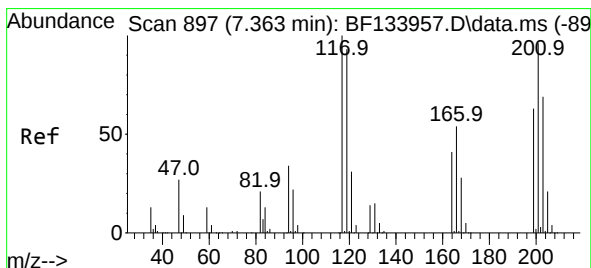
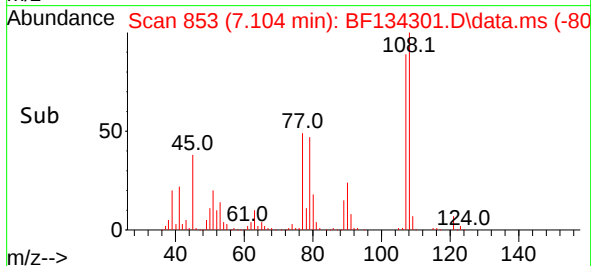
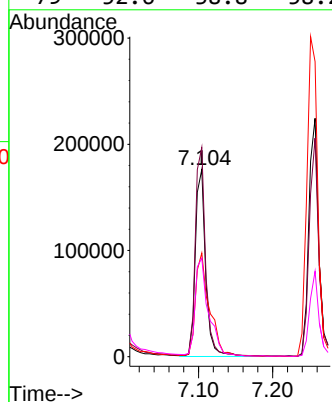
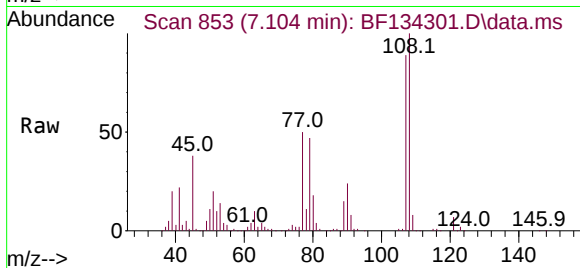




#17
2-Methylphenol
Concen: 39.578 ng
RT: 7.104 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

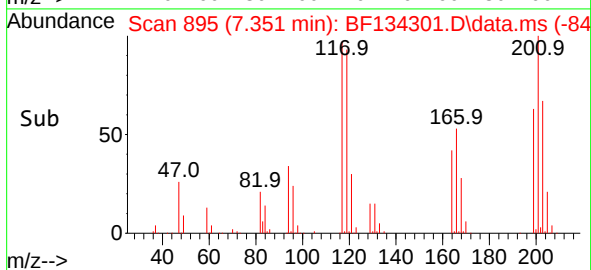
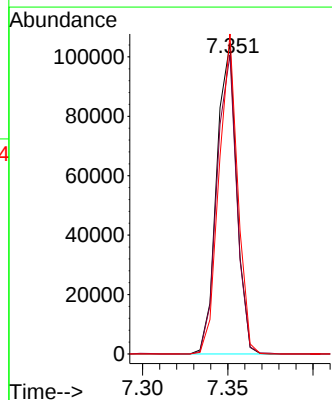
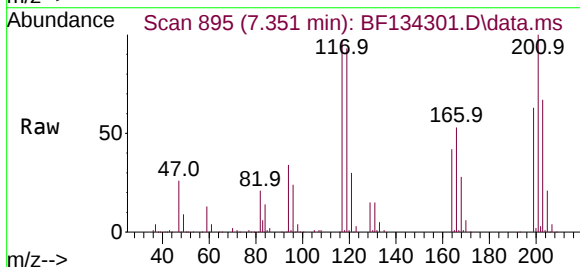
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

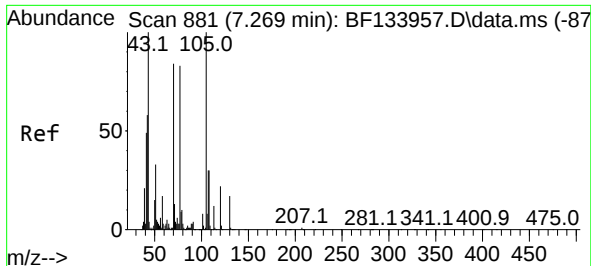
Tgt Ion:	107	Resp:	171214
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.6	136.0
77	55.3	38.3	57.5
79	52.6	38.8	58.2



#18
Hexachloroethane
Concen: 44.060 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:	117	Resp:	84987
Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.2	111.4
201	103.0	77.2	115.8



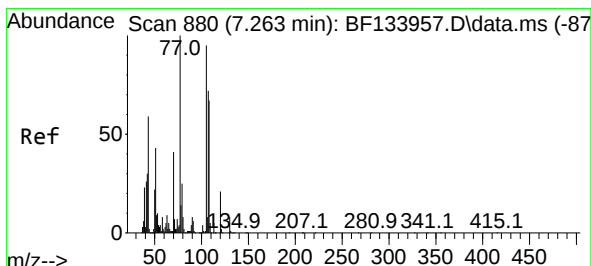
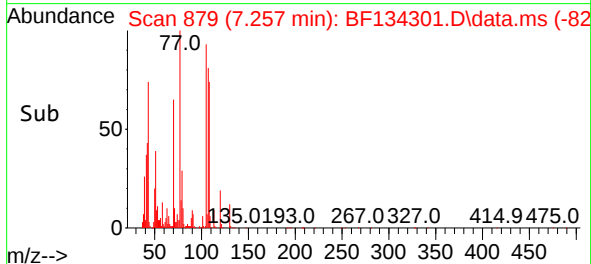
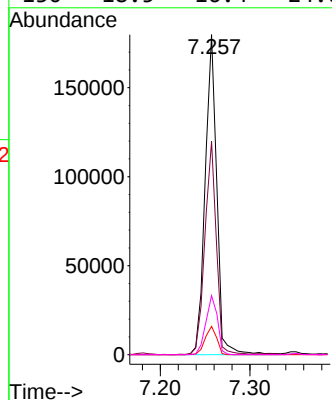
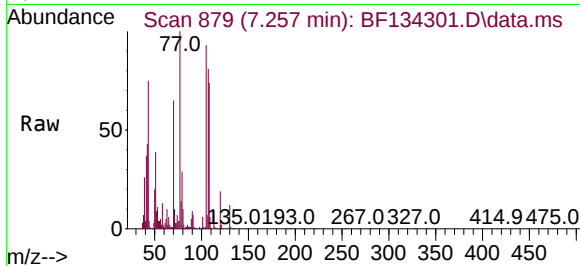


#19
n-Nitroso-di-n-propylamine
Concen: 43.632 ng
RT: 7.257 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion: 70 Resp: 161942

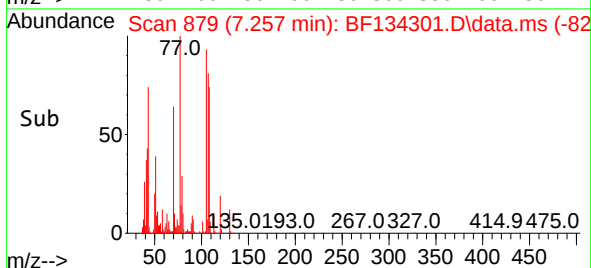
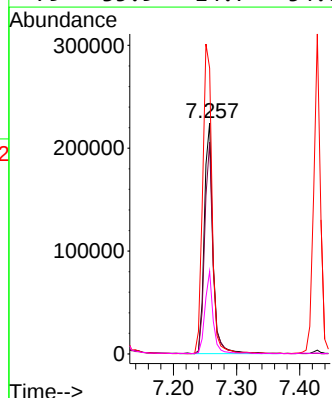
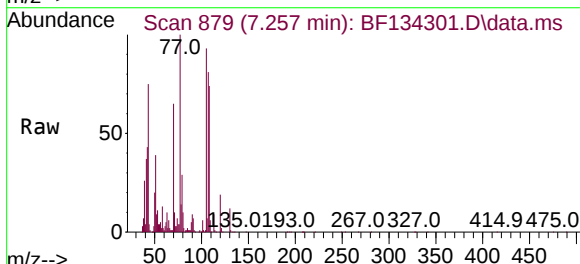
Ion	Ratio	Lower	Upper
70	100		
42	66.6	54.7	82.1
101	8.8	7.7	11.5
130	18.5	16.4	24.6

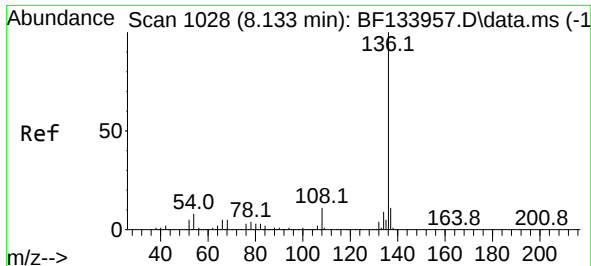


#20
3+4-Methylphenols
Concen: 40.497 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 107 Resp: 212538

Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.2	113.2
77	123.8	118.3	158.3
79	35.9	14.7	54.7

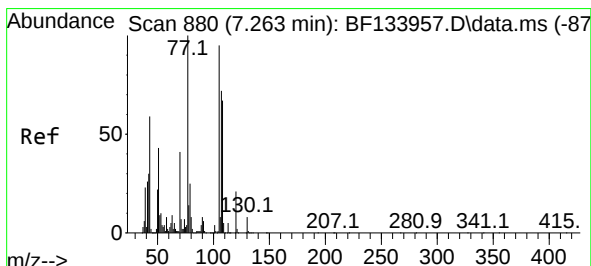
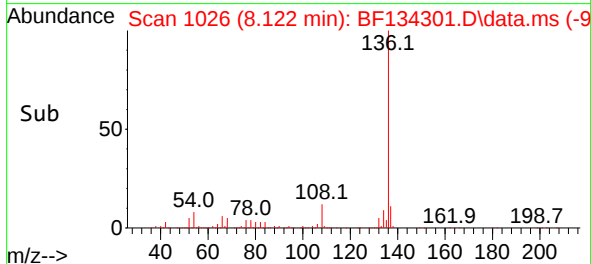
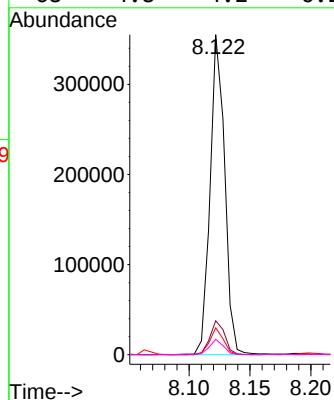
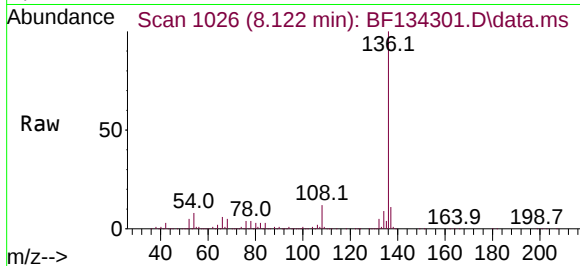




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

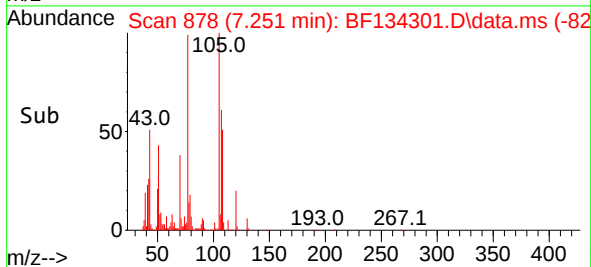
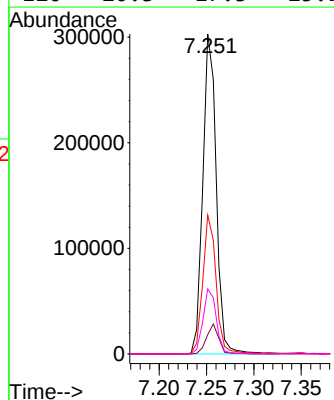
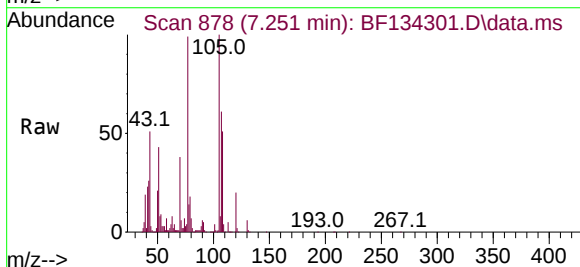
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

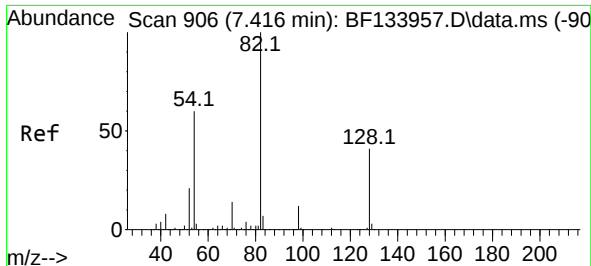
Tgt Ion:136 Resp: 295773
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.4 6.5 9.7
68 4.8 4.2 6.2



#22
Acetophenone
Concen: 44.583 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:105 Resp: 299895
Ion Ratio Lower Upper
105 100
71 6.1 5.5 8.3
51 43.4 36.5 54.7
120 20.3 17.3 25.9

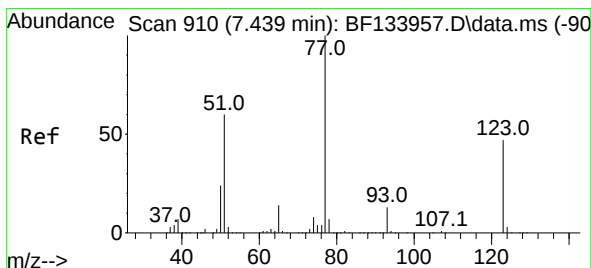
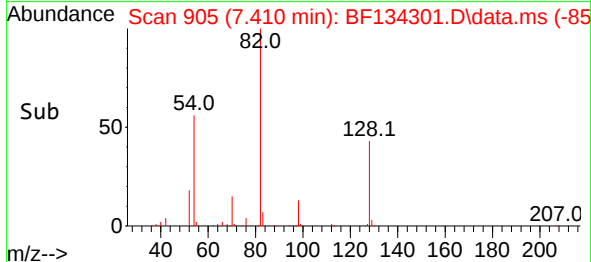
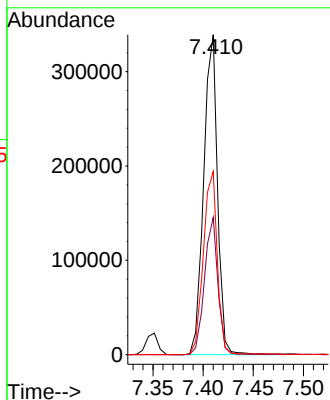
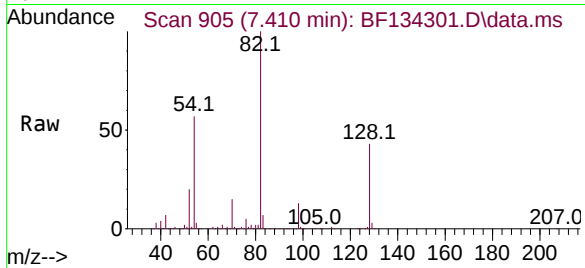




#23
 Nitrobenzene-d5
 Concen: 59.666 ng
 RT: 7.410 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

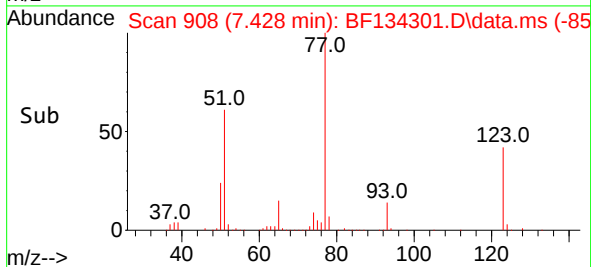
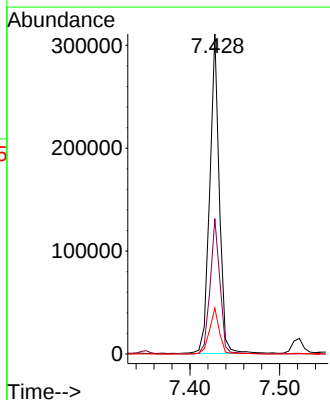
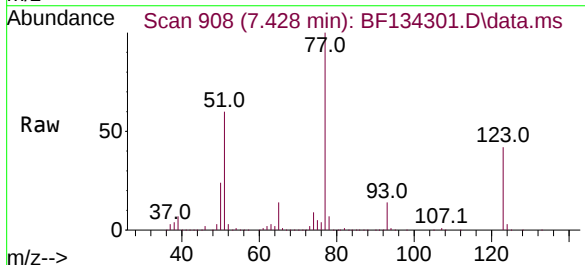
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225MSD

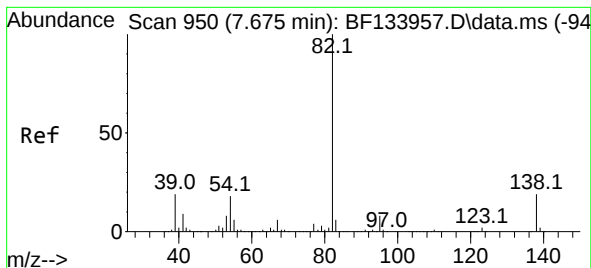
Tgt Ion: 82 Resp: 327379
 Ion Ratio Lower Upper
 82 100
 128 42.9 32.5 48.7
 54 57.3 48.2 72.2



#24
 Nitrobenzene
 Concen: 41.718 ng
 RT: 7.428 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

Tgt Ion: 77 Resp: 231313
 Ion Ratio Lower Upper
 77 100
 123 42.3 37.8 56.6
 65 14.3 11.3 16.9





#25

Isophorone

Concen: 41.197 ng

RT: 7.663 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

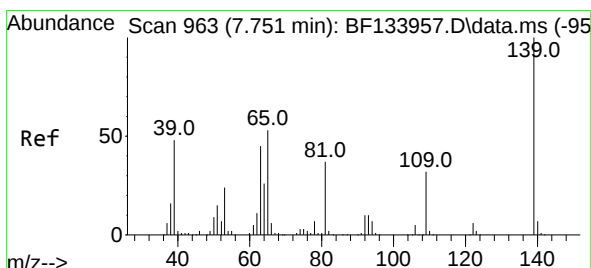
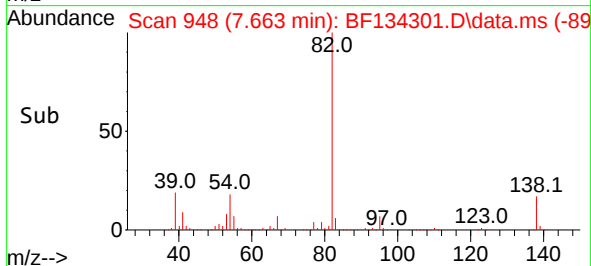
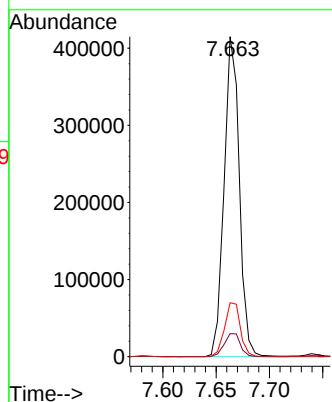
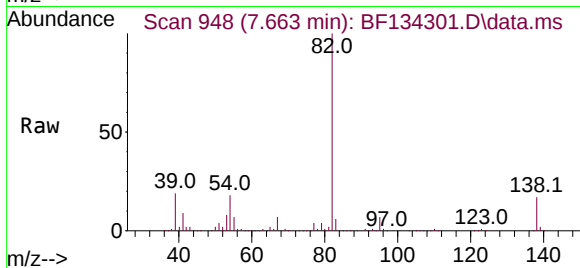
Tgt Ion: 82 Resp: 410820

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

138 16.8 15.2 22.8



#26

2-Nitrophenol

Concen: 43.421 ng

RT: 7.739 min Scan# 961

Delta R.T. -0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

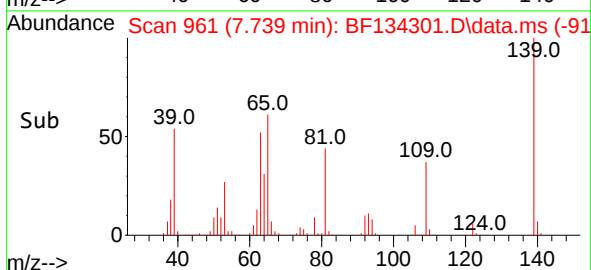
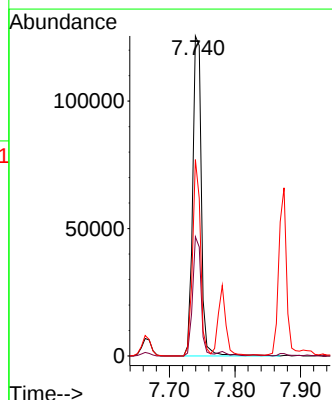
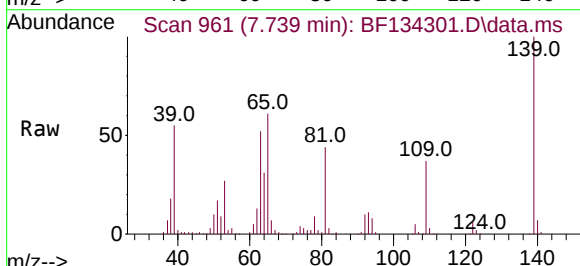
Tgt Ion:139 Resp: 115493

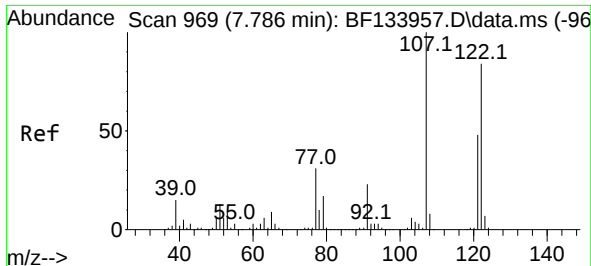
Ion Ratio Lower Upper

139 100

109 37.2 25.8 38.8

65 61.4 42.4 63.6

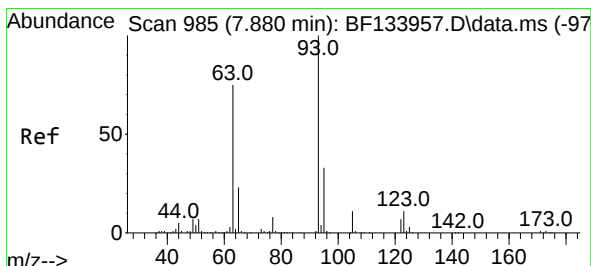
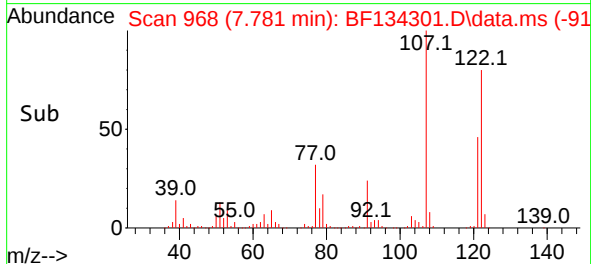
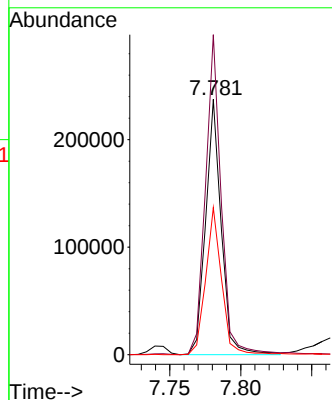
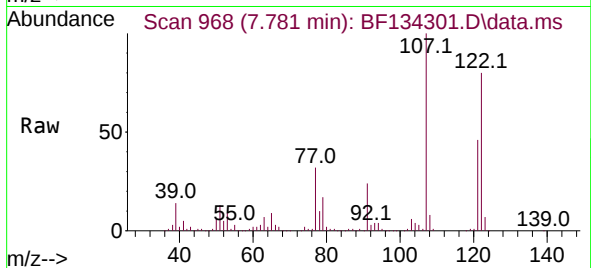




#27
2,4-Dimethylphenol
Concen: 43.341 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

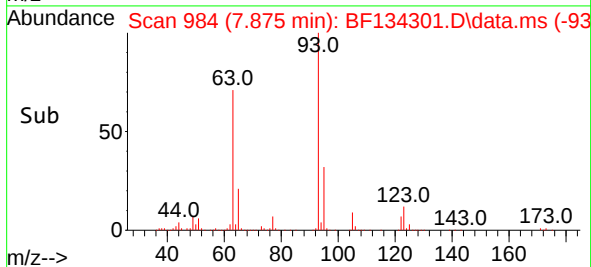
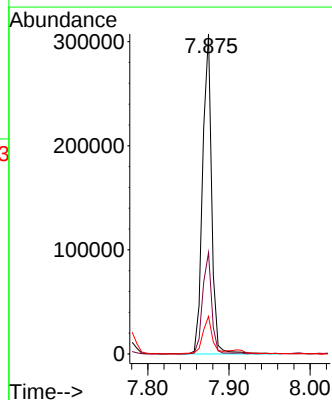
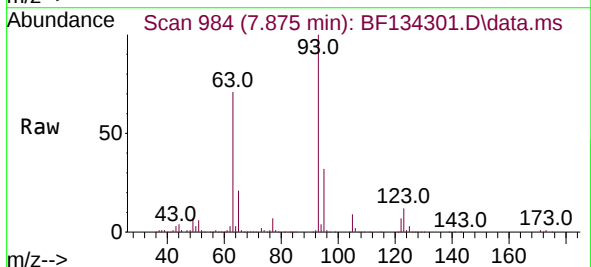
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

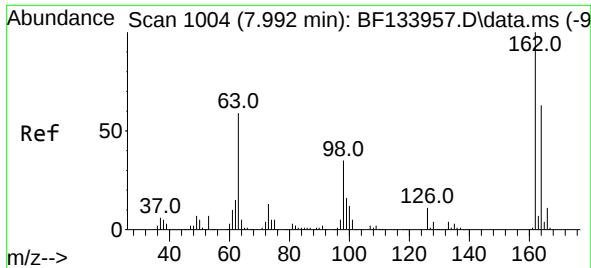
Tgt Ion:122 Resp: 182481
Ion Ratio Lower Upper
122 100
107 125.3 95.5 143.3
121 57.6 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.305 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 93 Resp: 238498
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.578 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

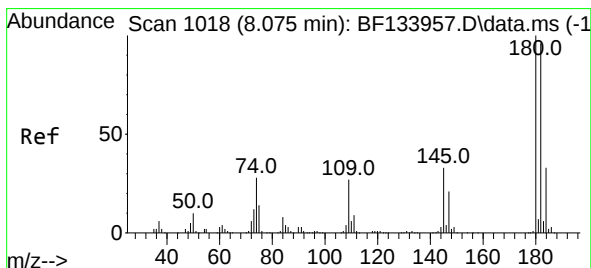
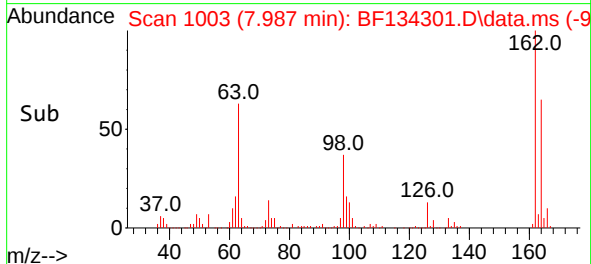
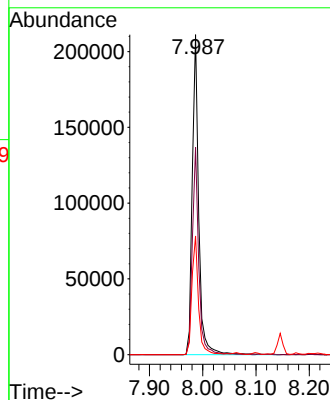
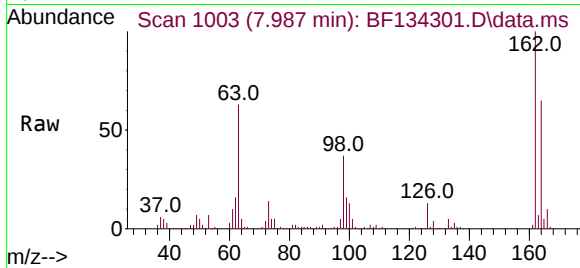
Tgt Ion:162 Resp: 177766

Ion Ratio Lower Upper

162 100

164 64.8 43.2 83.2

98 37.1 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 43.733 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

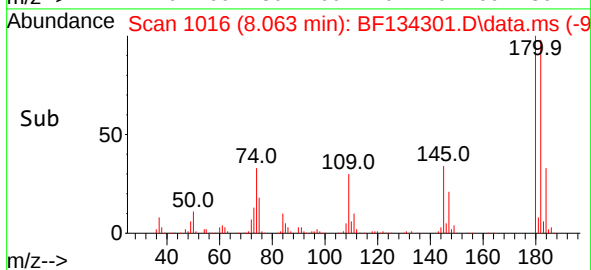
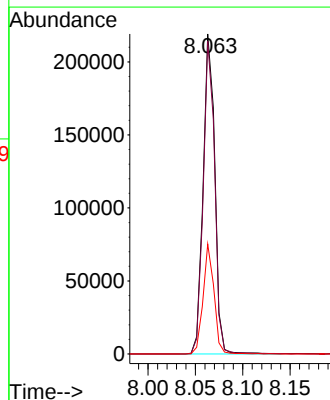
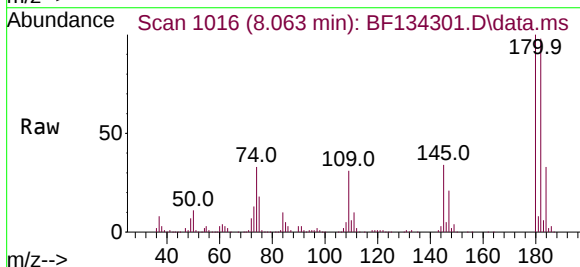
Tgt Ion:180 Resp: 188402

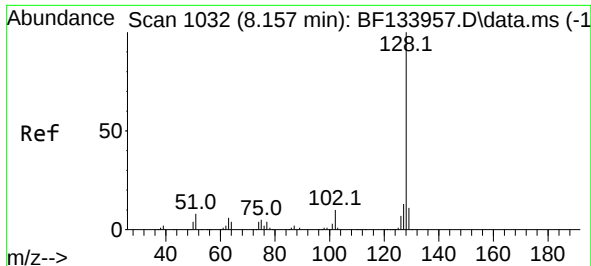
Ion Ratio Lower Upper

180 100

182 97.7 77.1 115.7

145 34.4 26.0 39.0

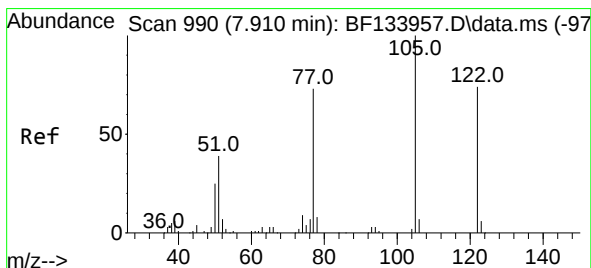
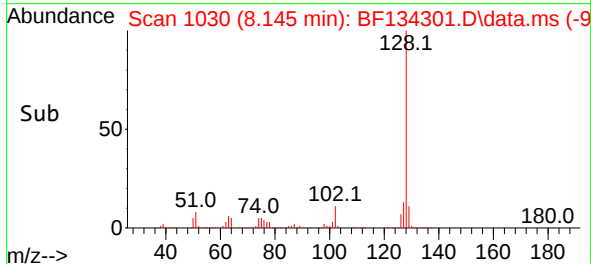
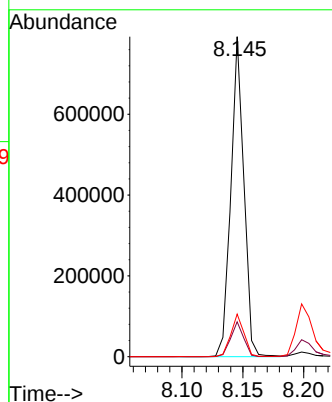
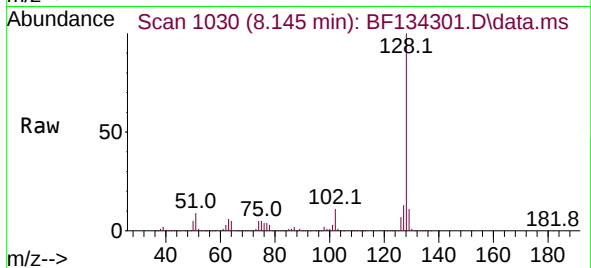




#31
Naphthalene
Concen: 41.145 ng
RT: 8.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

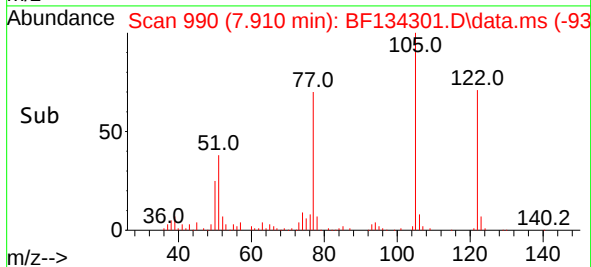
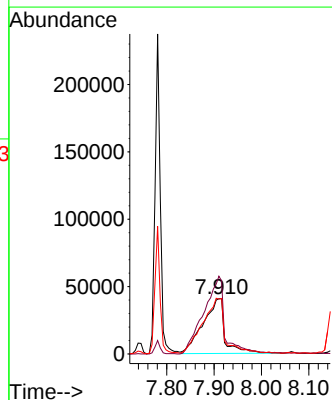
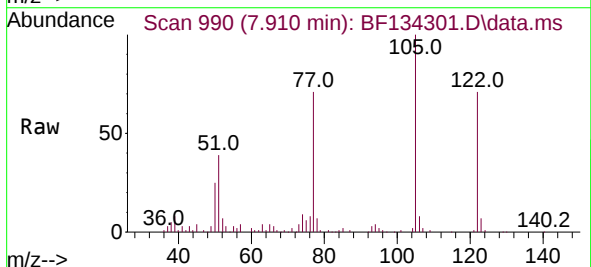
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

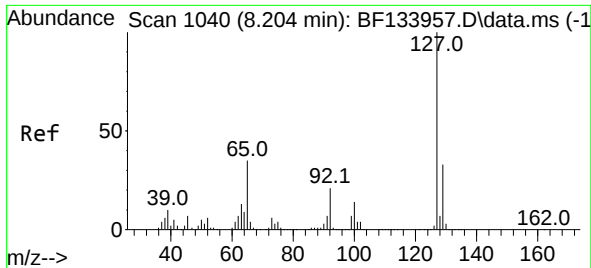
Tgt Ion:128 Resp: 587824
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 41.718 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:122 Resp: 131618
Ion Ratio Lower Upper
122 100
105 140.8 109.7 149.7
77 99.6 76.0 116.0

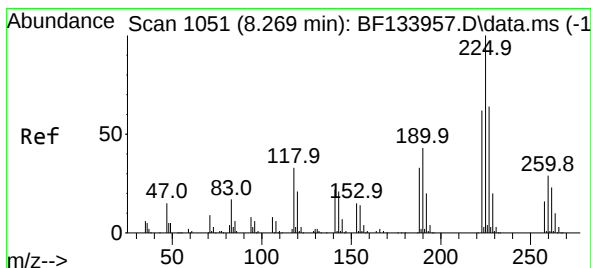
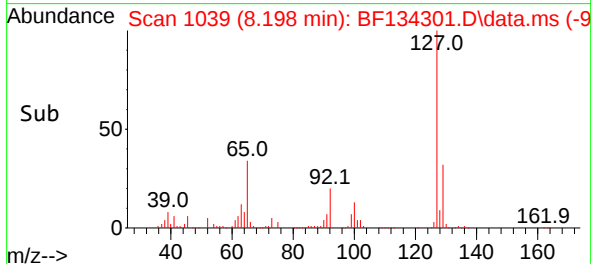
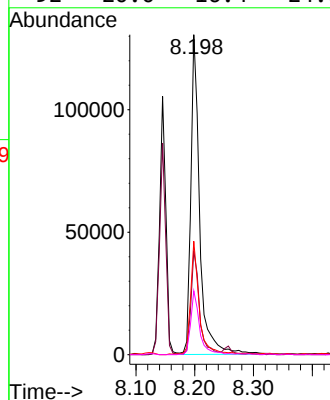
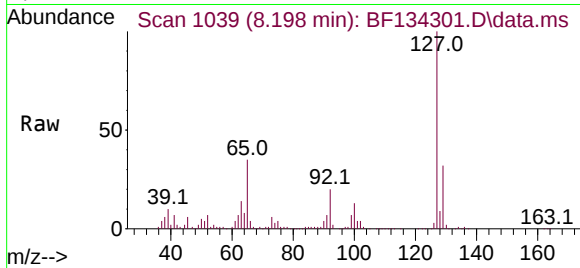




#33
4-Chloroaniline
Concen: 22.528 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

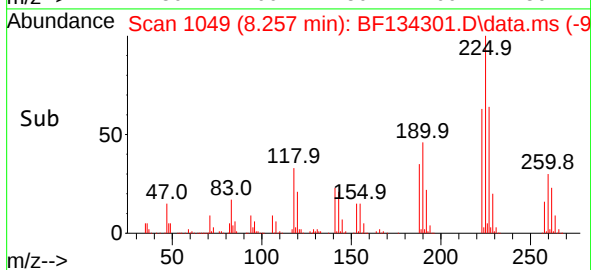
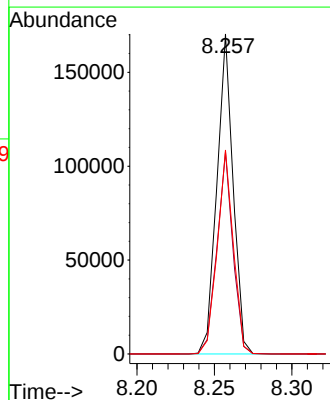
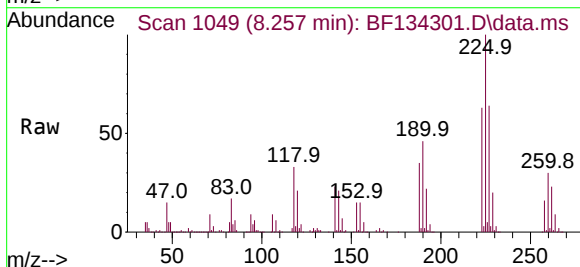
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

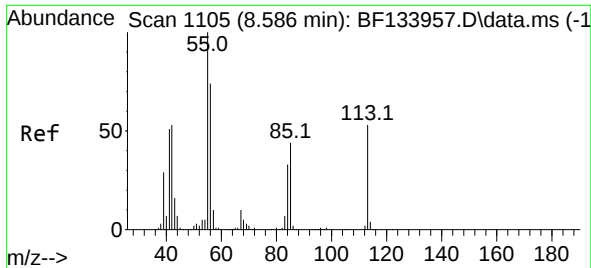
Tgt Ion:	127	Resp:	137679
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	35.5	27.8	41.8
92	20.0	16.4	24.6



#34
Hexachlorobutadiene
Concen: 45.500 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:	225	Resp:	123646
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	63.7	51.0	76.4

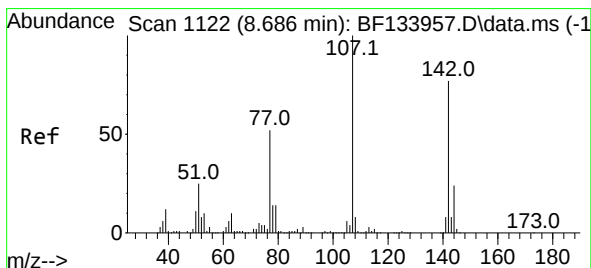
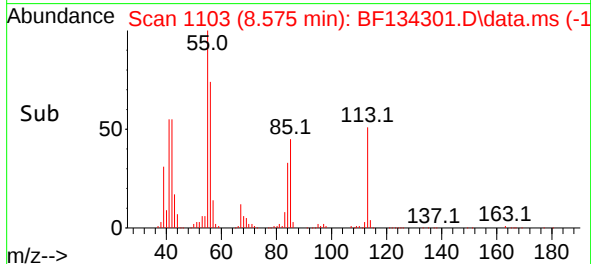
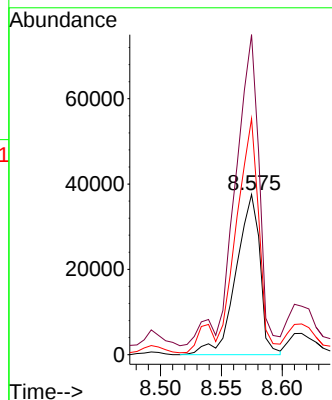
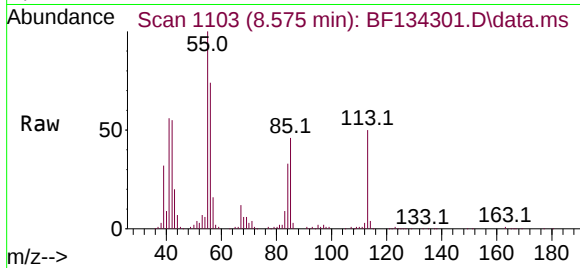




#35
 Caprolactam
 Concen: 37.347 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

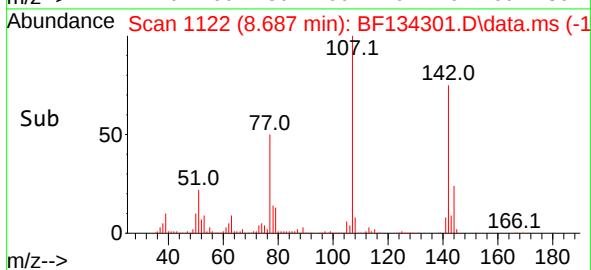
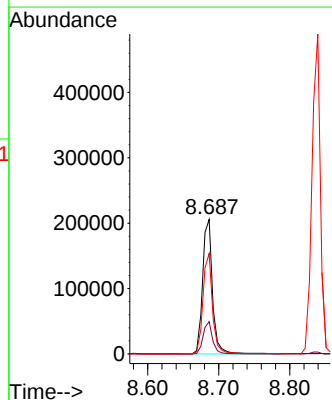
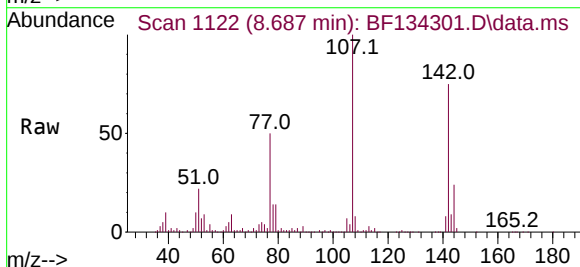
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225MSD

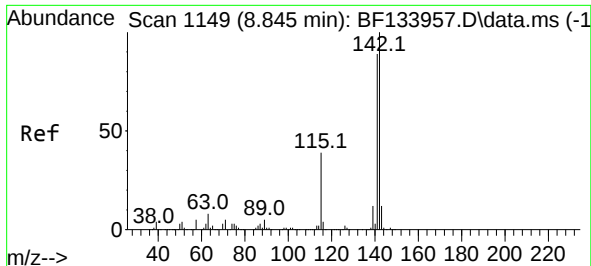
Tgt Ion:113 Resp: 51340
 Ion Ratio Lower Upper
 113 100
 55 199.8 170.2 210.2
 56 147.3 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.919 ng
 RT: 8.687 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

Tgt Ion:107 Resp: 201301
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.6 29.4
 142 74.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.805 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

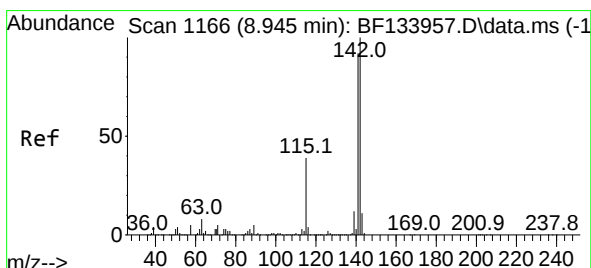
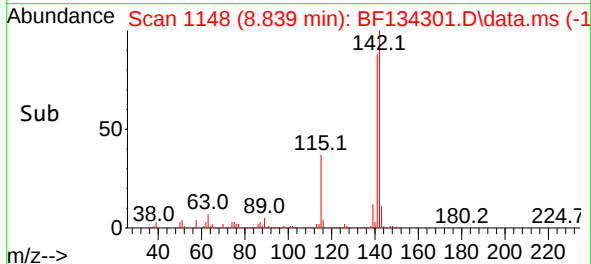
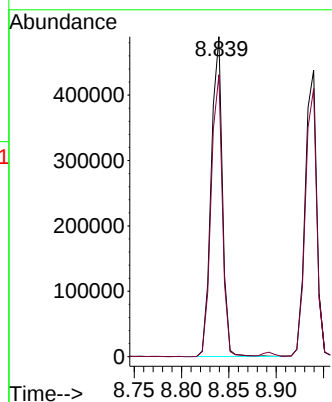
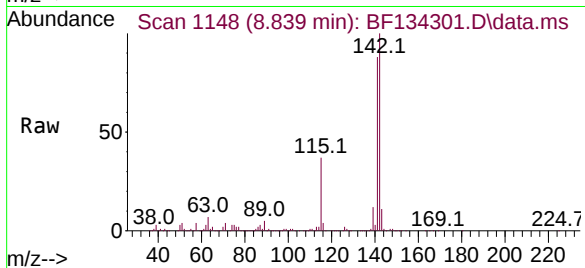
VNJ-225MSD

Tgt Ion:142 Resp: 402146

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.615 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134301.D

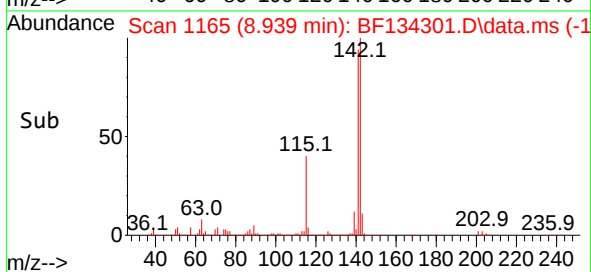
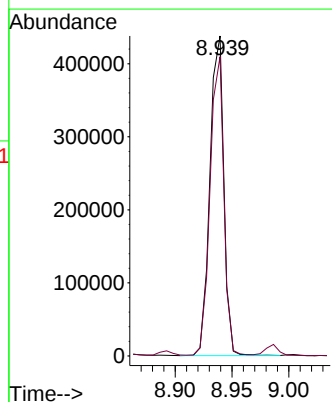
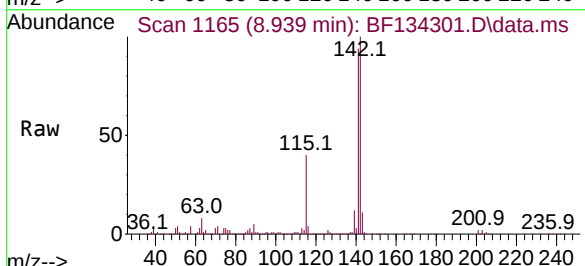
Acq: 14 Jul 2023 21:19

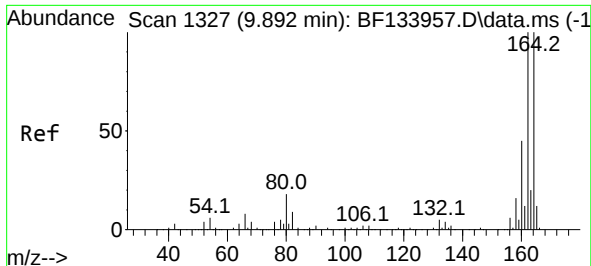
Tgt Ion:142 Resp: 372073

Ion Ratio Lower Upper

142 100

141 93.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

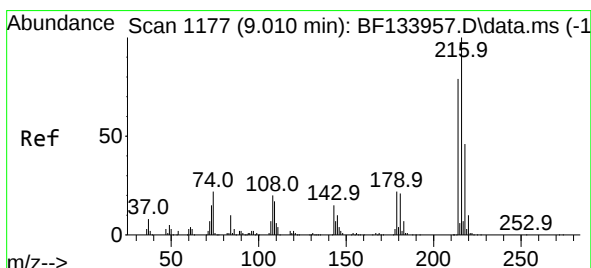
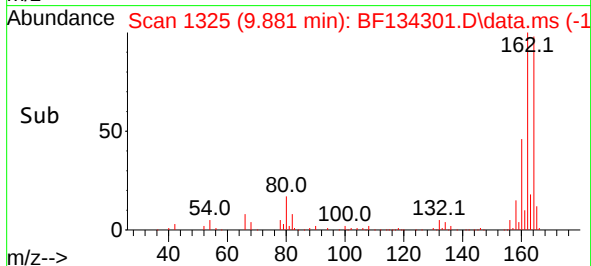
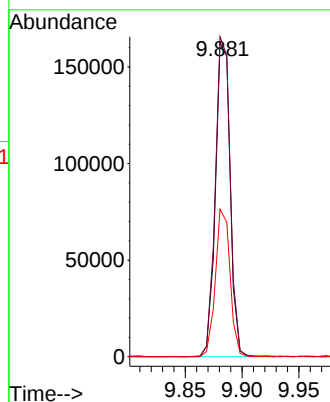
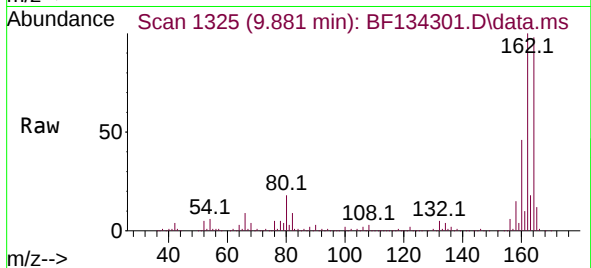
Tgt Ion:164 Resp: 146601

Ion Ratio Lower Upper

164 100

162 101.8 80.0 120.0

160 46.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.819 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Tgt Ion:216 Resp: 190317

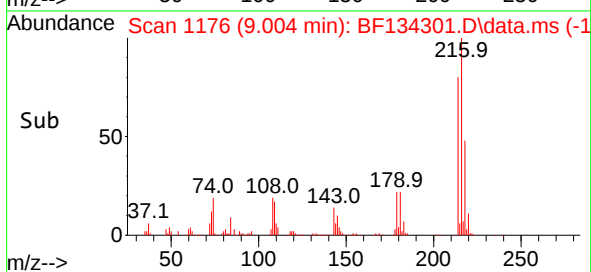
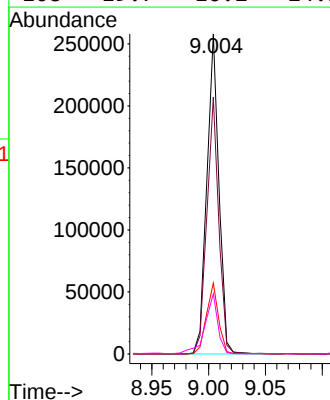
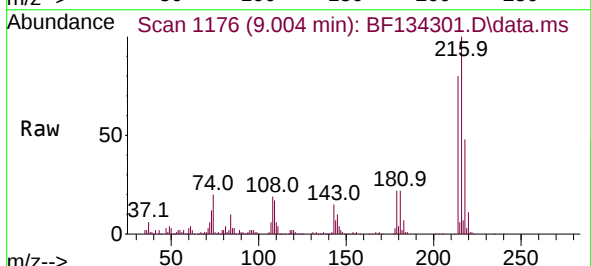
Ion Ratio Lower Upper

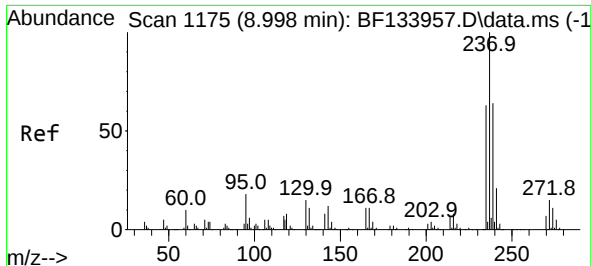
216 100

214 79.0 64.1 96.1

179 22.4 17.3 25.9

108 19.7 16.2 24.2

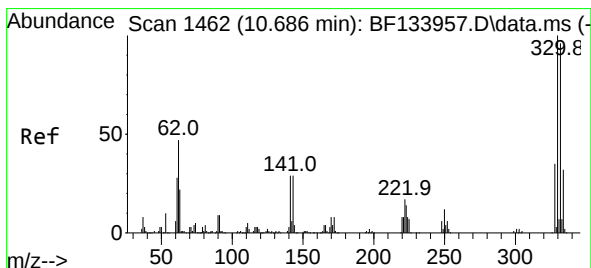
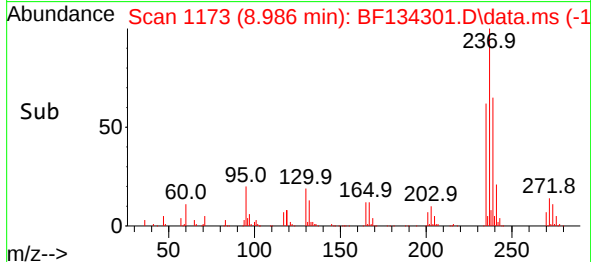
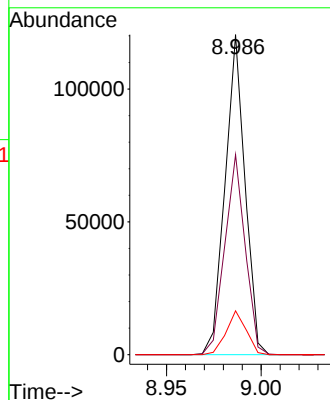
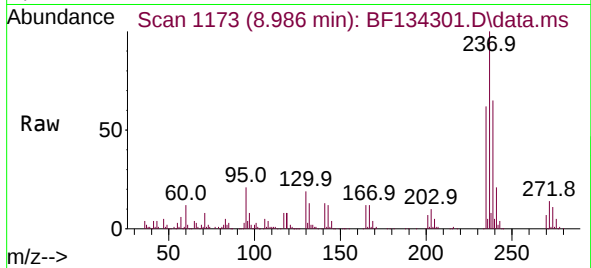




#41
Hexachlorocyclopentadiene
Concen: 42.868 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

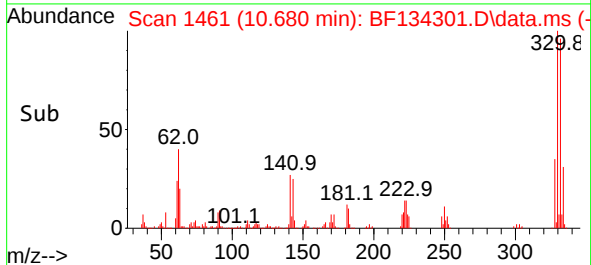
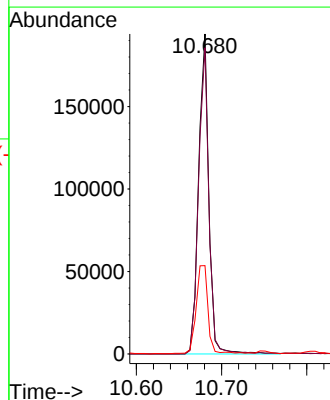
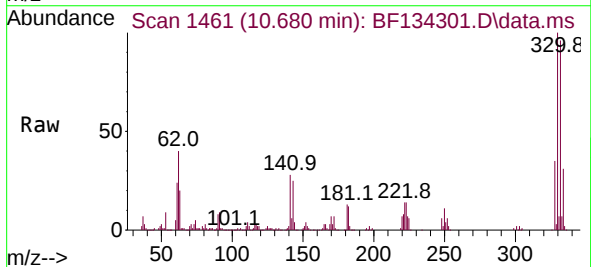
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

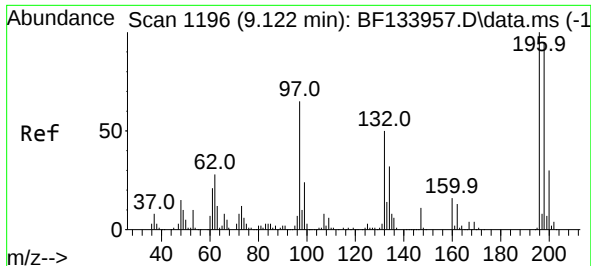
Tgt Ion:237 Resp: 88332
Ion Ratio Lower Upper
237 100
235 62.5 42.8 82.8
272 13.7 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 88.069 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:330 Resp: 161878
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 32.5 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 42.710 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

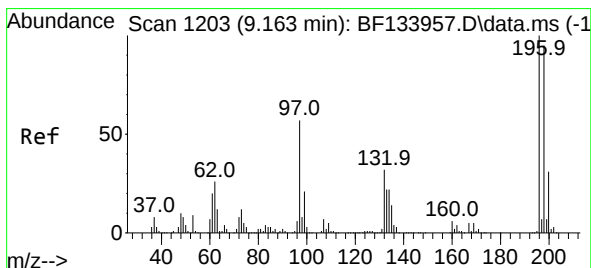
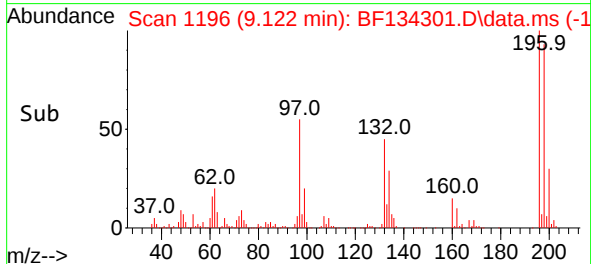
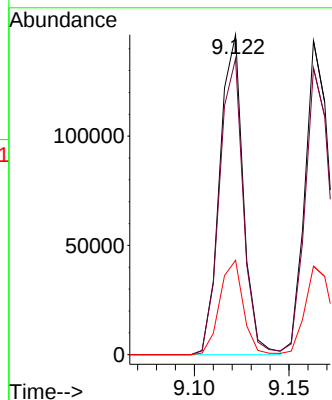
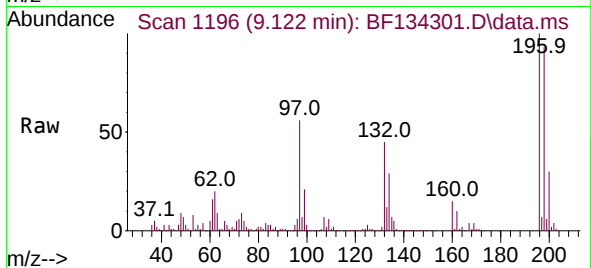
Tgt Ion:196 Resp: 126279

Ion Ratio Lower Upper

196 100

198 92.5 75.6 113.4

200 29.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.226 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Tgt Ion:196 Resp: 136424

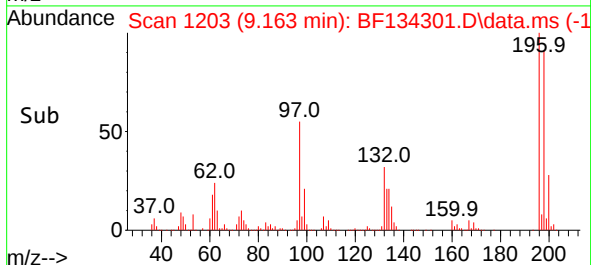
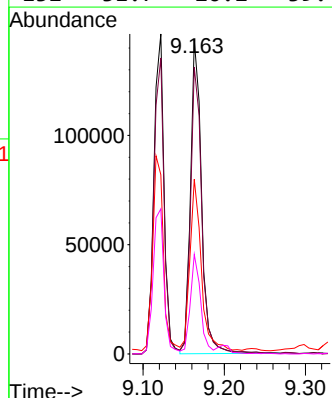
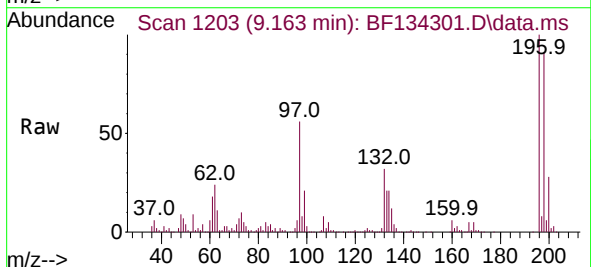
Ion Ratio Lower Upper

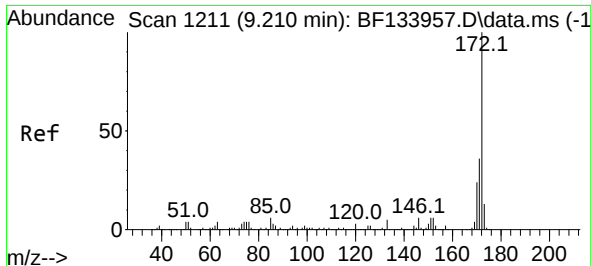
196 100

198 91.4 75.7 113.5

97 55.7 45.8 68.6

132 31.7 26.2 39.4

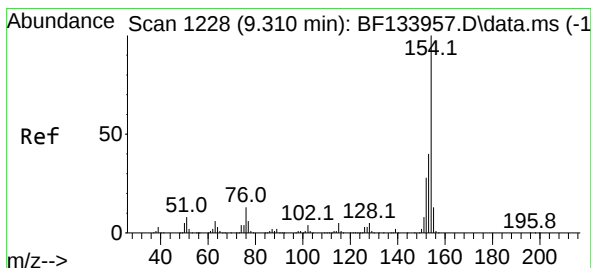
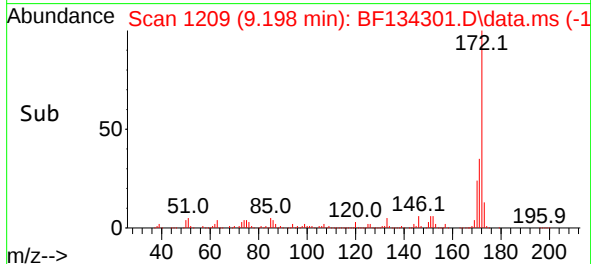
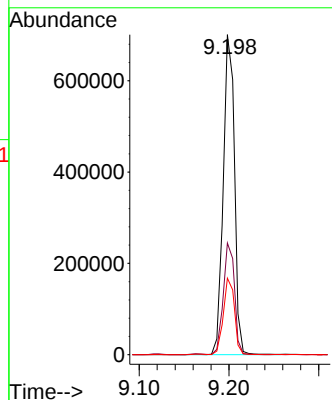
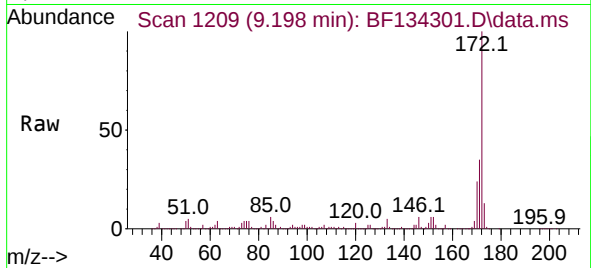




#45
2-Fluorobiphenyl
Concen: 60.515 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

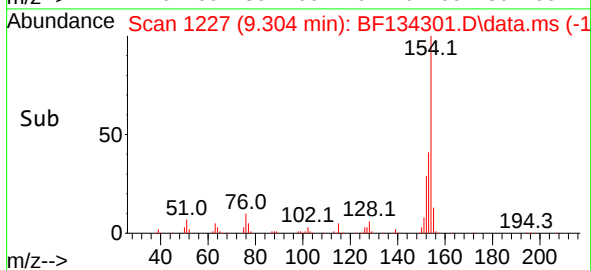
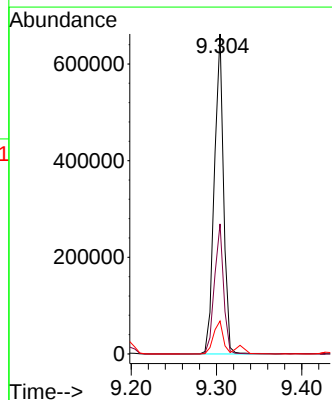
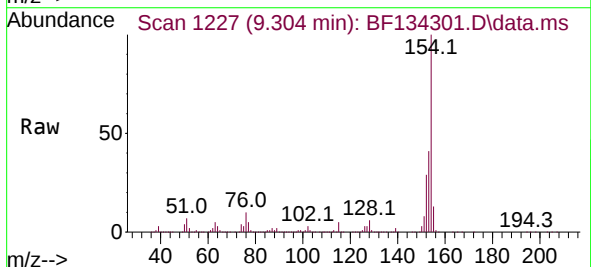
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

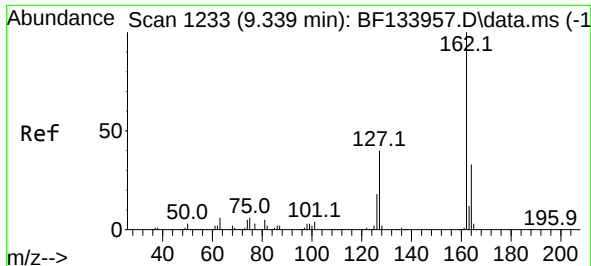
Tgt Ion:172 Resp: 610190
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.9 19.4 29.0



#46
1,1'-Biphenyl
Concen: 42.436 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:154 Resp: 499043
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 10.3 0.0 32.9

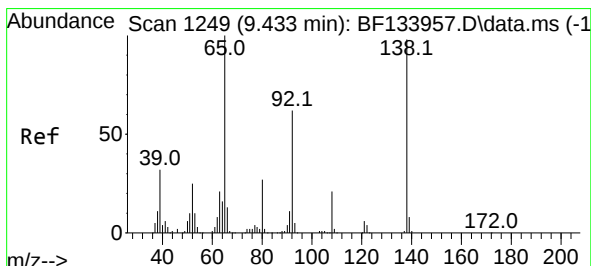
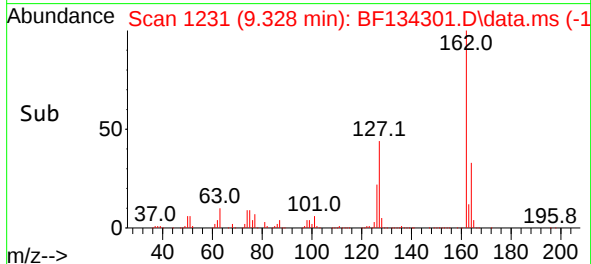
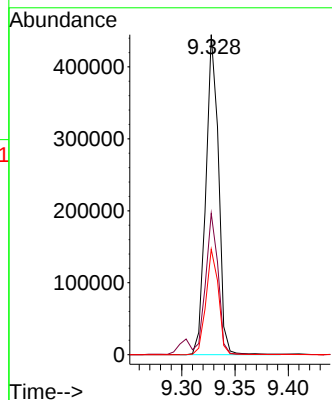
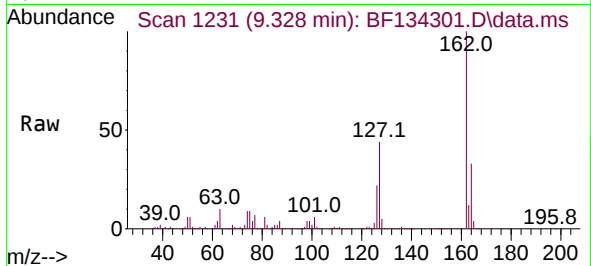




#47
2-Chloronaphthalene
Concen: 42.891 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

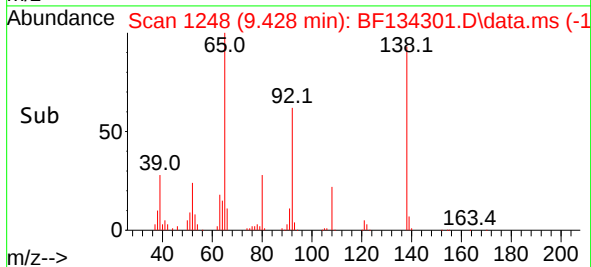
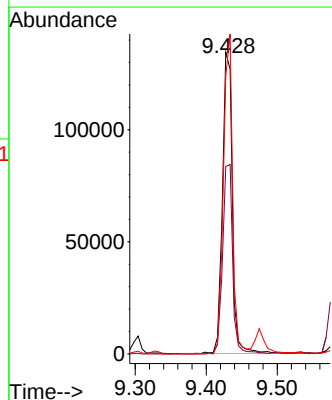
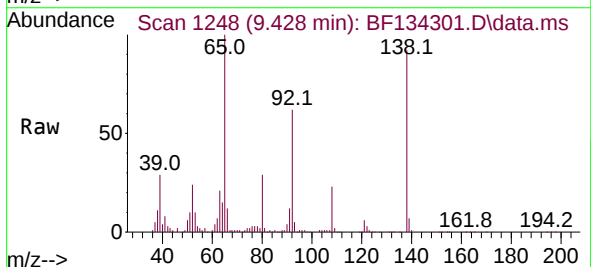
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

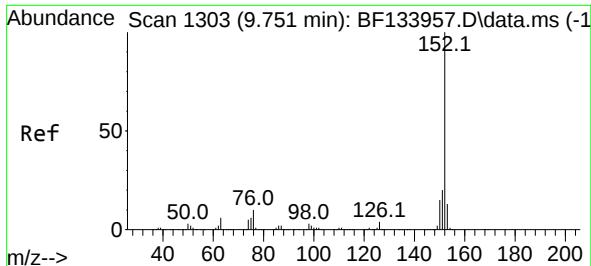
Tgt Ion:162 Resp: 369043
Ion Ratio Lower Upper
162 100
127 44.1 32.9 49.3
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 40.940 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 65 Resp: 128379
Ion Ratio Lower Upper
65 100
92 62.2 49.5 74.3
138 92.3 78.0 117.0

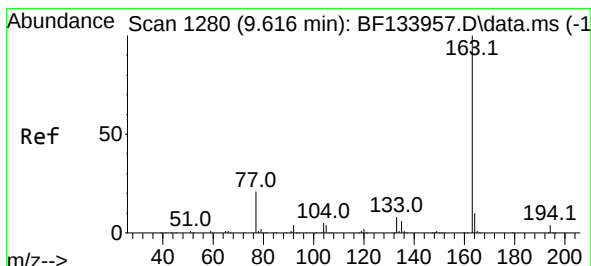
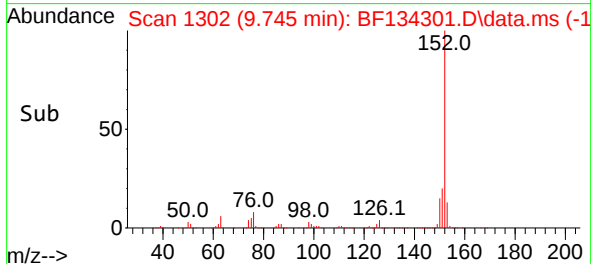
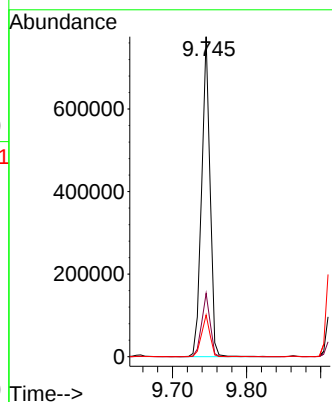
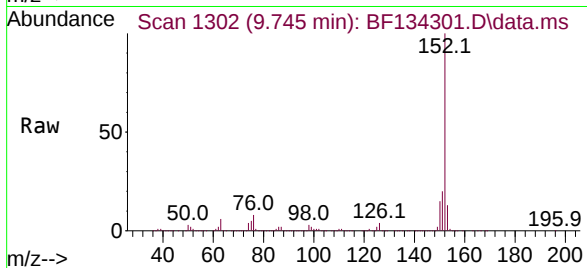




#49
Acenaphthylene
Concen: 41.433 ng
RT: 9.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

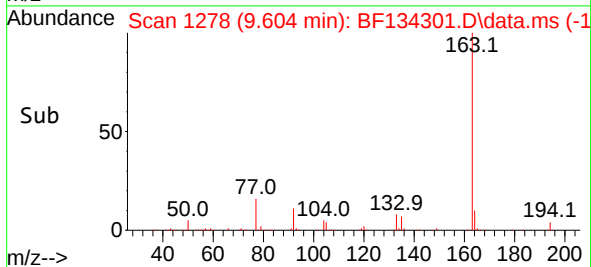
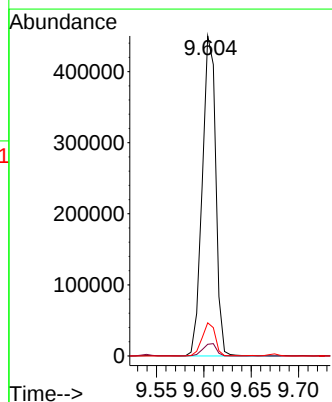
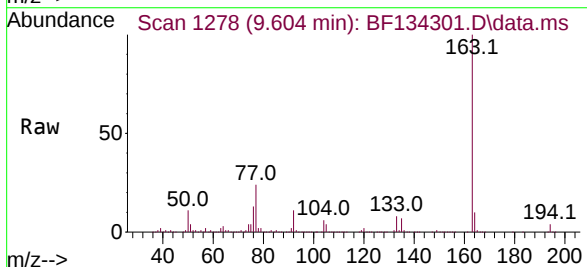
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

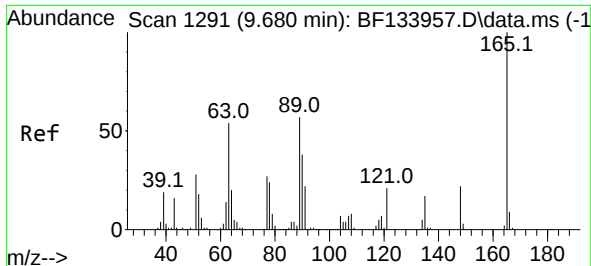
Tgt Ion:152 Resp: 608985
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 41.812 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:163 Resp: 444955
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.3 8.2 12.2

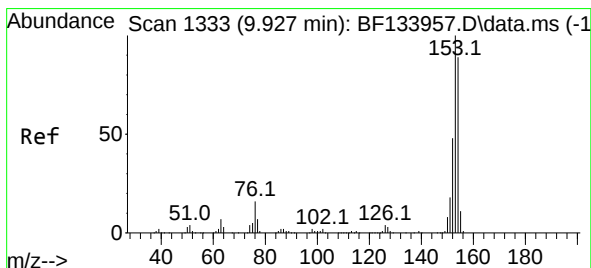
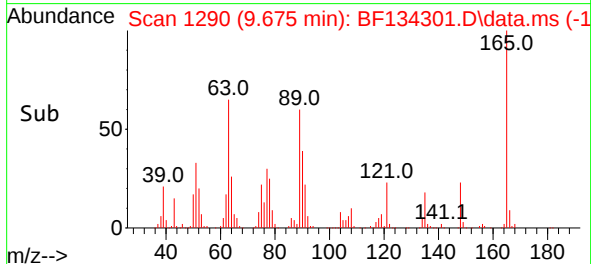
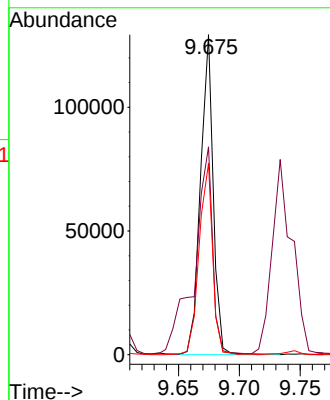
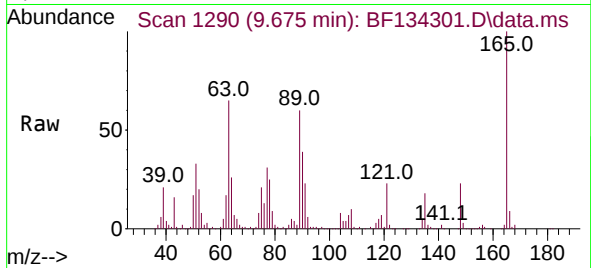




#51
2,6-Dinitrotoluene
Concen: 40.988 ng
RT: 9.675 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

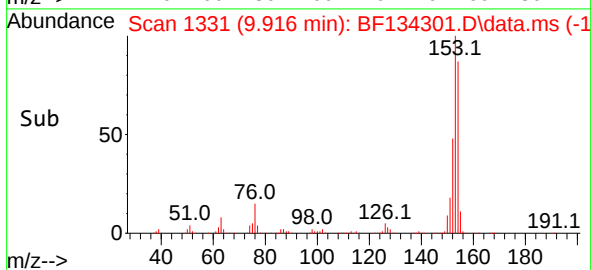
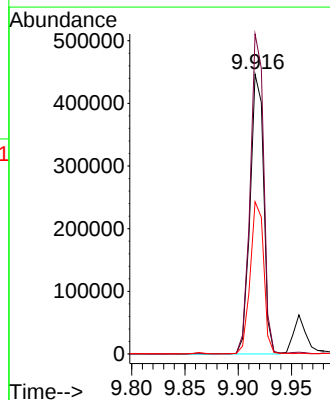
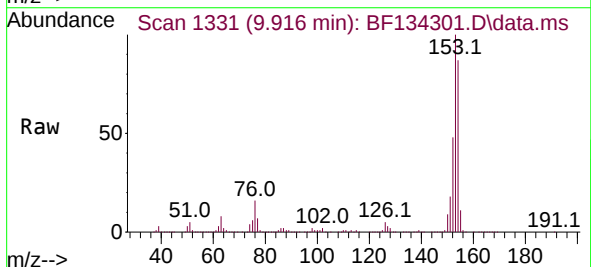
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

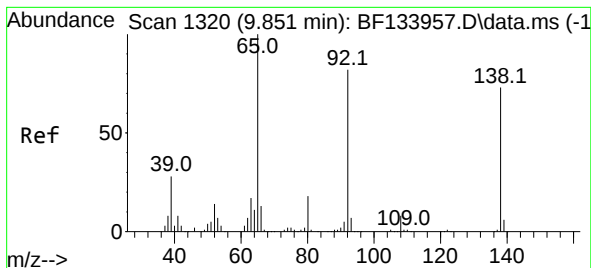
Tgt Ion:165 Resp: 93948
Ion Ratio Lower Upper
165 100
63 65.0 48.5 72.7
89 59.8 45.5 68.3



#52
Acenaphthene
Concen: 46.281 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:154 Resp: 394715
Ion Ratio Lower Upper
154 100
153 114.4 89.4 134.2
152 54.4 42.8 64.2





#53

3-Nitroaniline

Concen: 31.814 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

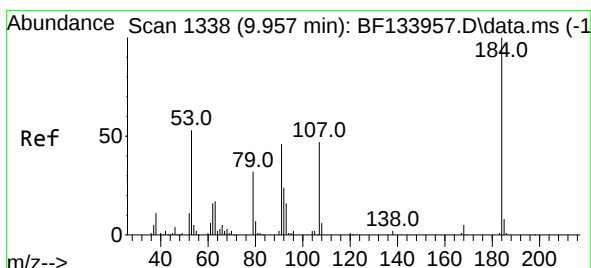
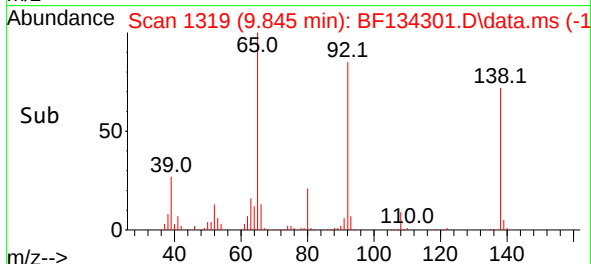
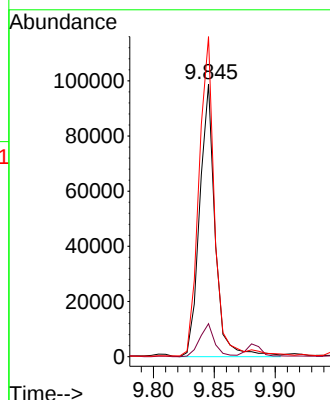
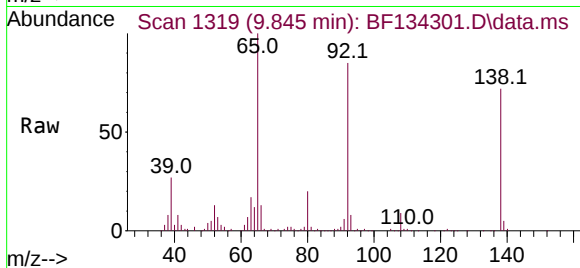
Tgt Ion:138 Resp: 87480

Ion Ratio Lower Upper

138 100

108 12.1 8.4 12.6

92 117.4 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 56.701 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

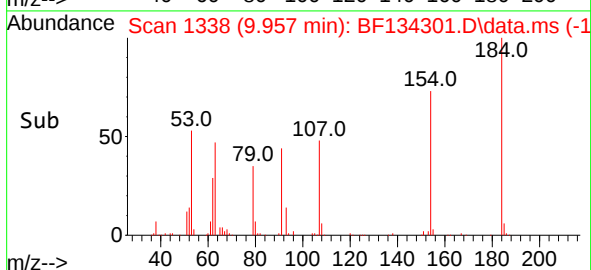
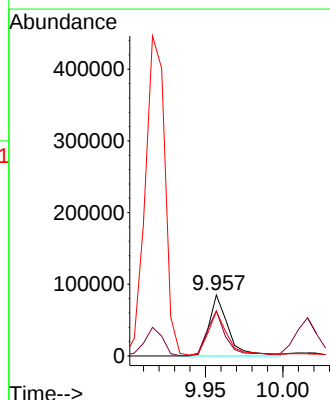
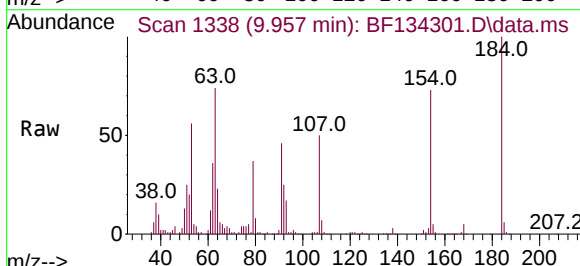
Tgt Ion:184 Resp: 73490

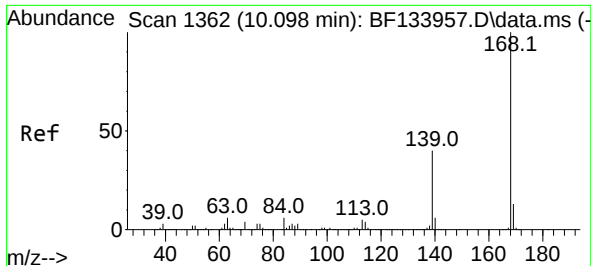
Ion Ratio Lower Upper

184 100

63 74.1 56.9 85.3

154 73.2 55.4 83.0

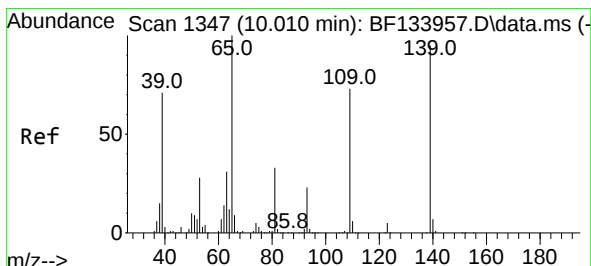
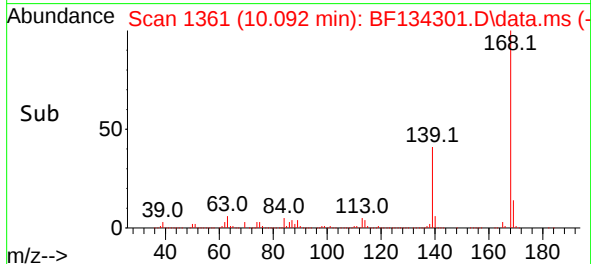
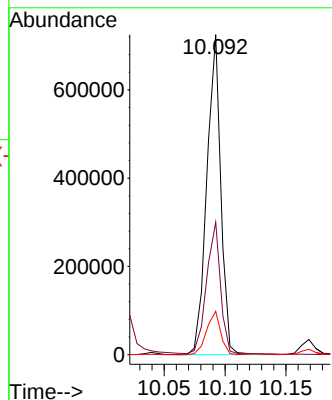
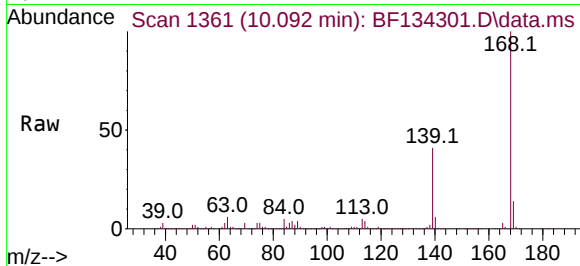




#55
Dibenzenofuran
Concen: 43.414 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

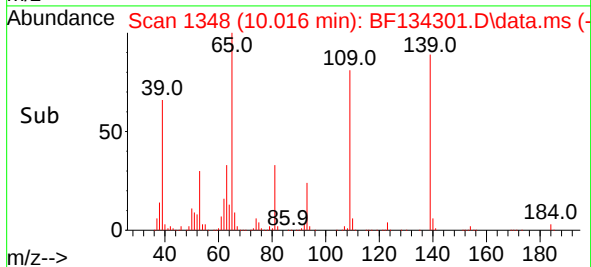
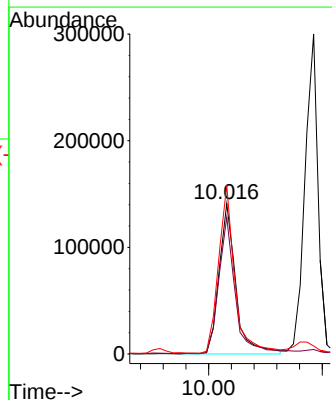
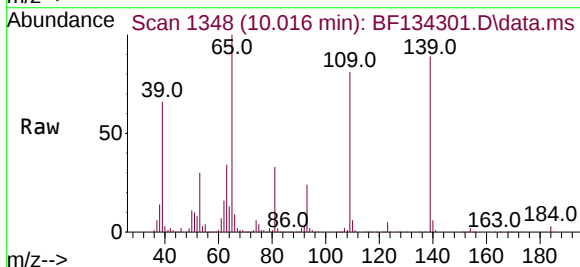
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

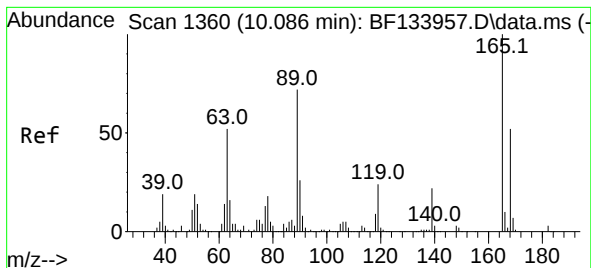
Tgt Ion:168 Resp: 578665
Ion Ratio Lower Upper
168 100
139 41.4 32.0 48.0
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 75.330 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:139 Resp: 144890
Ion Ratio Lower Upper
139 100
109 91.0 56.8 96.8
65 112.5 86.1 126.1

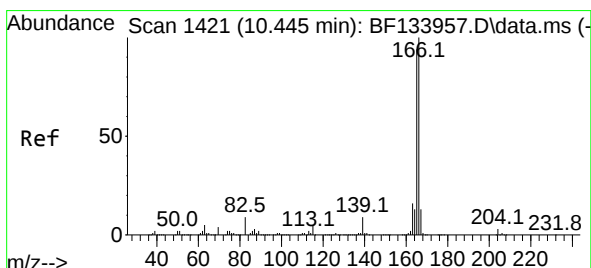
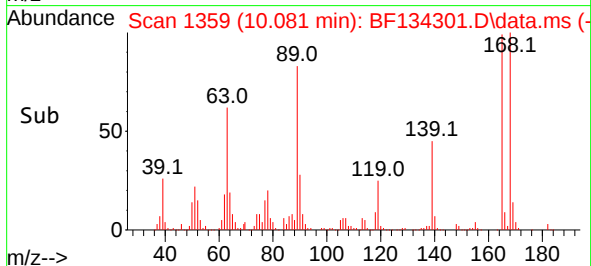
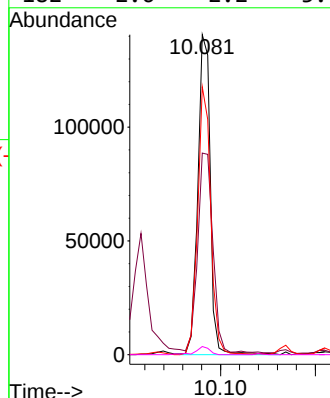
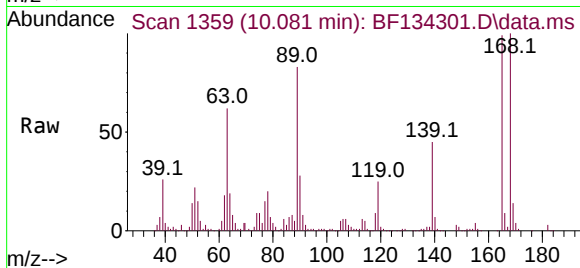




#57
2,4-Dinitrotoluene
Concen: 42.723 ng
RT: 10.081 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

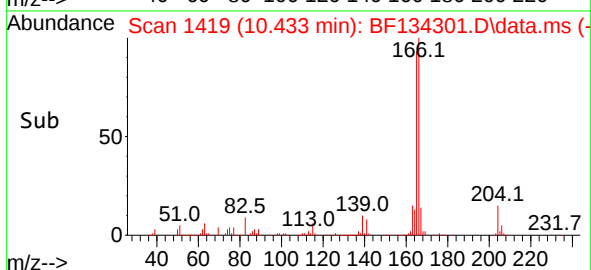
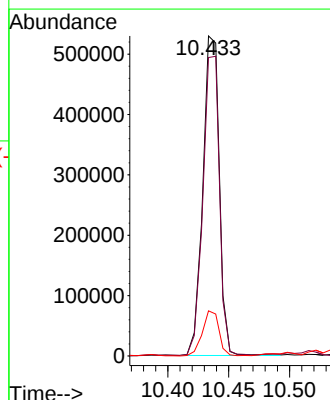
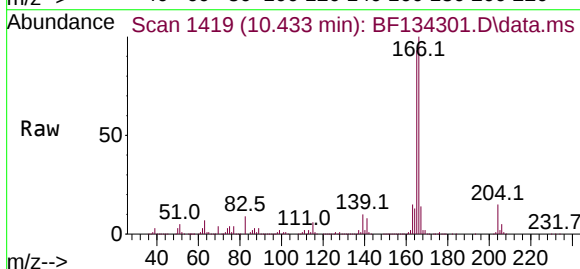
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

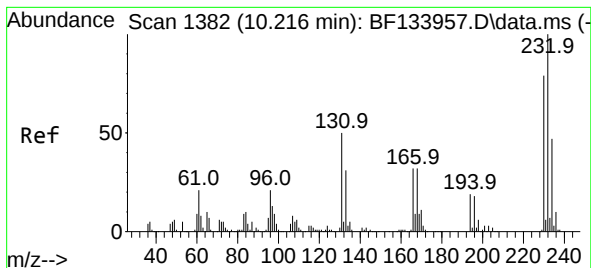
Tgt Ion:165 Resp: 129321
Ion Ratio Lower Upper
165 100
63 63.0 42.2 63.2
89 83.7 57.4 86.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 48.308 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:166 Resp: 500945
Ion Ratio Lower Upper
166 100
165 93.3 75.0 112.4
167 14.1 10.6 15.8

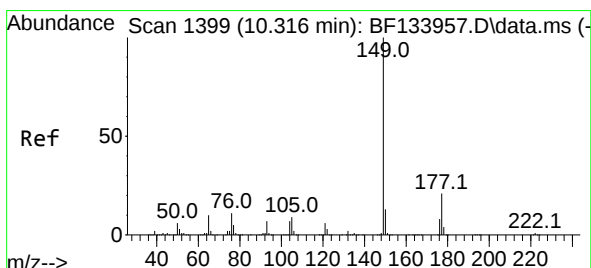
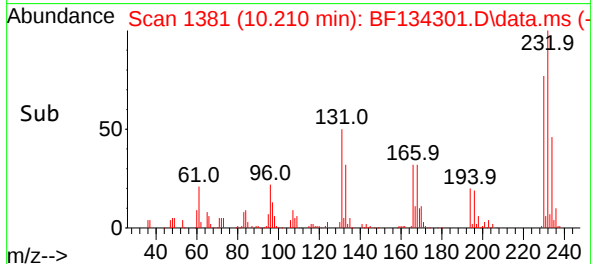
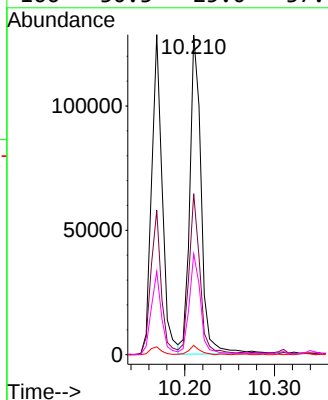
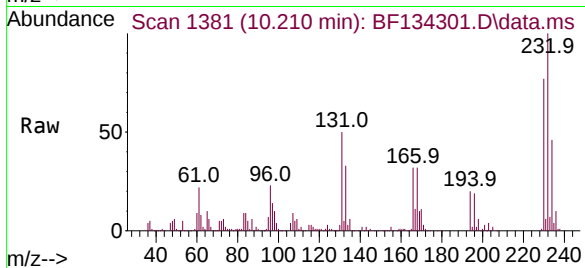




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.415 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

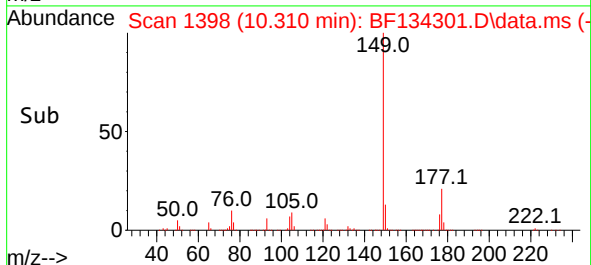
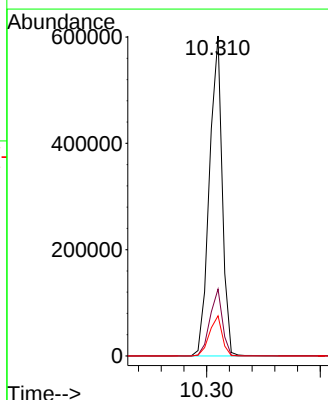
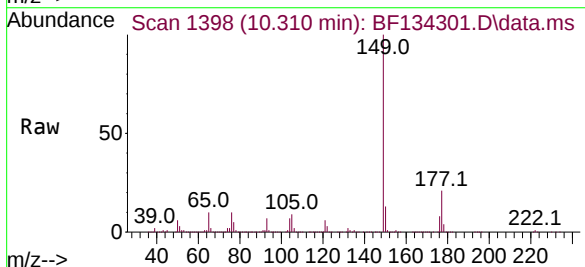
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

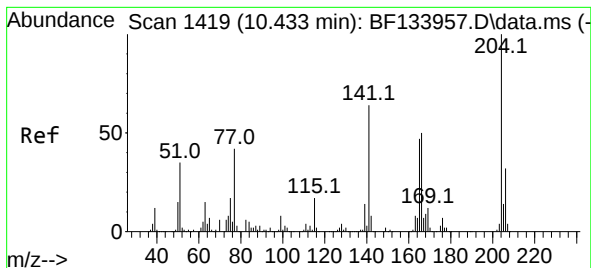
Tgt Ion:232 Resp: 113614
Ion Ratio Lower Upper
232 100
131 47.2 39.3 58.9
130 2.8 1.8 2.6#
166 30.3 25.0 37.6



#60
Diethylphthalate
Concen: 42.312 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:149 Resp: 469114
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.5 10.2 15.2

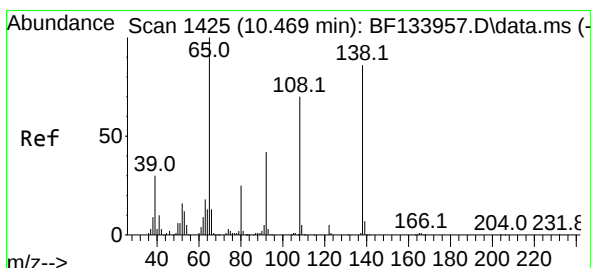
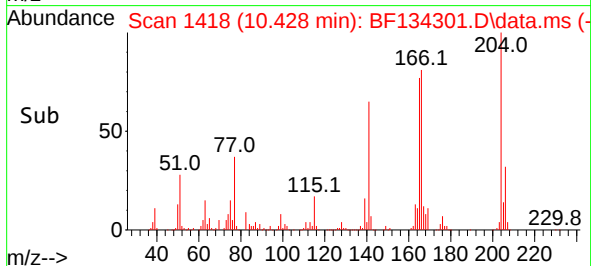
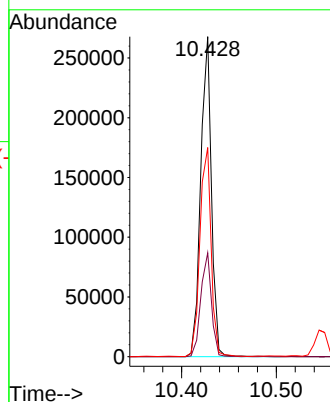
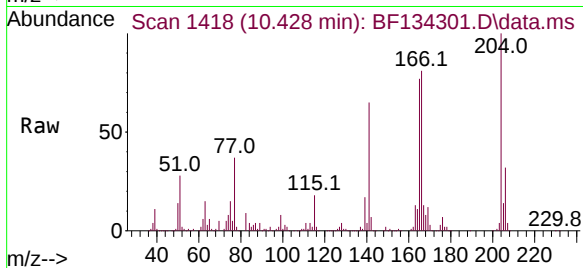




#61
4-Chlorophenyl-phenylether
Concen: 42.337 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

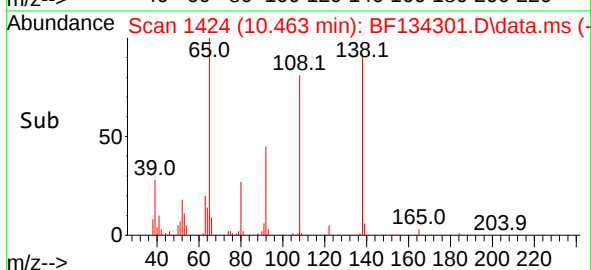
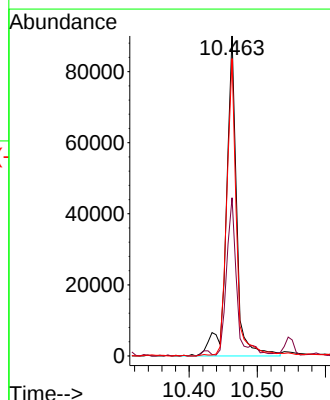
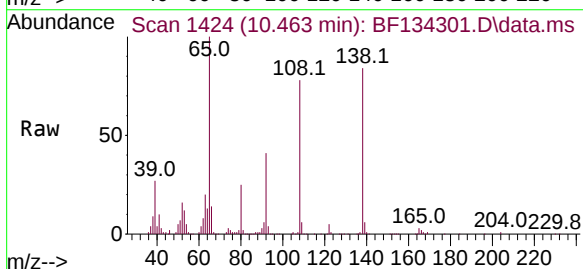
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

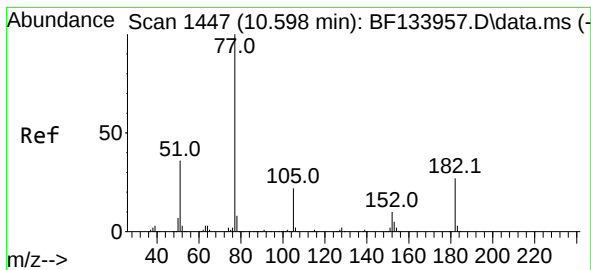
Tgt Ion:204 Resp: 211573
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 65.4 51.5 77.3



#62
4-Nitroaniline
Concen: 34.385 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:138 Resp: 95287
Ion Ratio Lower Upper
138 100
92 49.4 29.7 69.7
108 92.9 62.1 102.1

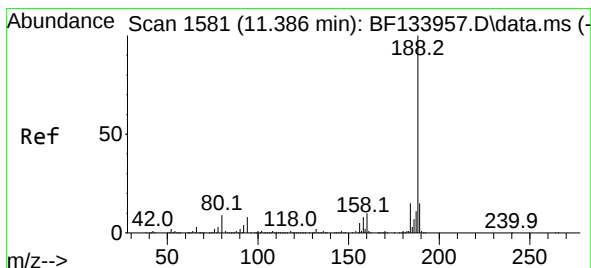
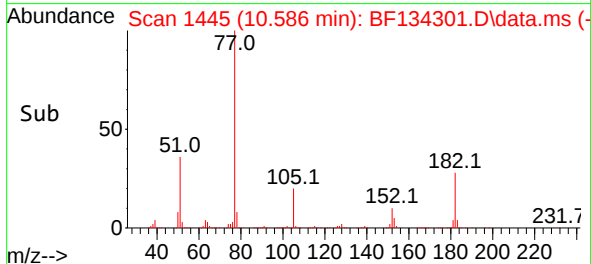
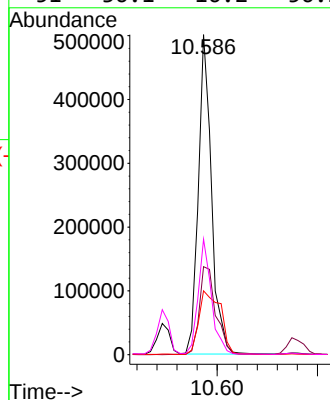
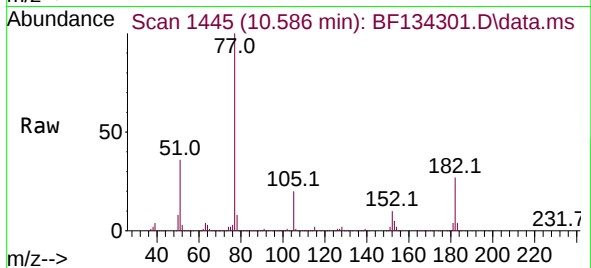




#63
Azobenzene
Concen: 43.431 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

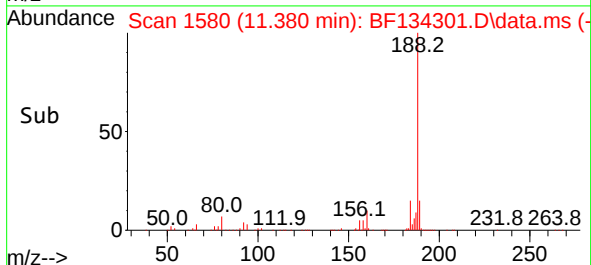
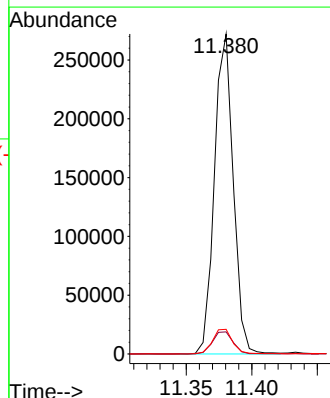
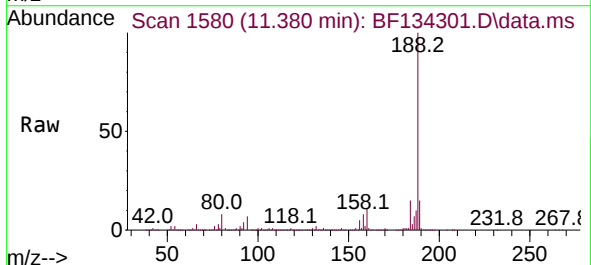
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

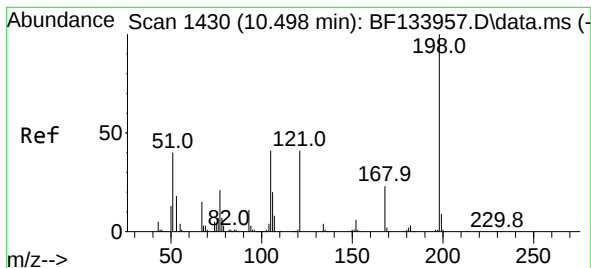
Tgt Ion:	77	Resp:	455485
Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.8	46.8
105	20.0	2.3	42.3
51	36.1	16.2	56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:	188	Resp:	271544
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.4	9.6
80	7.7	7.3	10.9

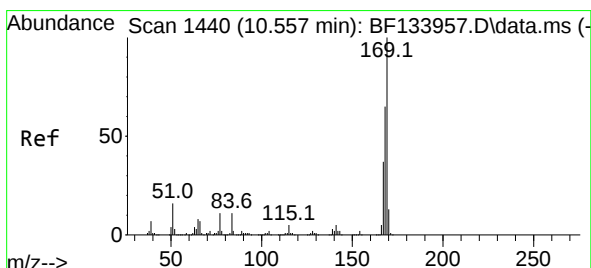
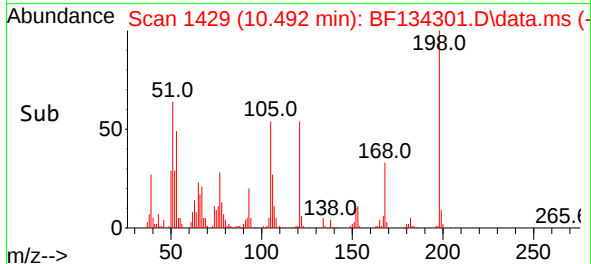
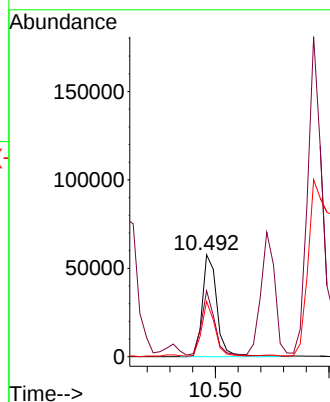
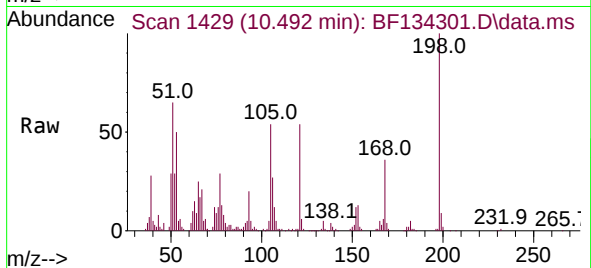




#65
4,6-Dinitro-2-methylphenol
Concen: 34.524 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

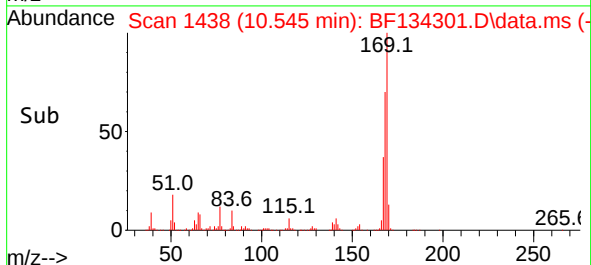
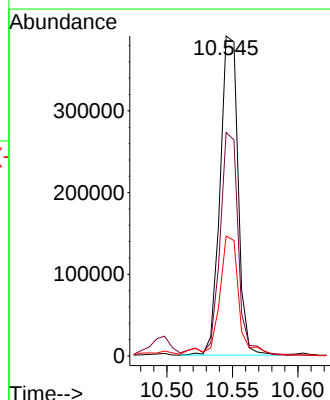
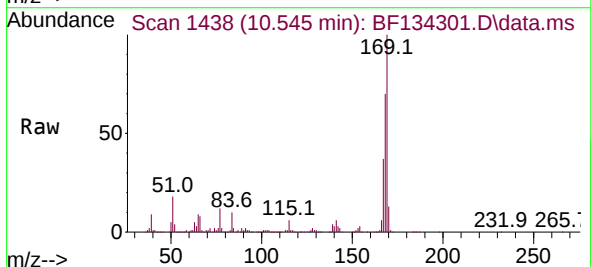
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

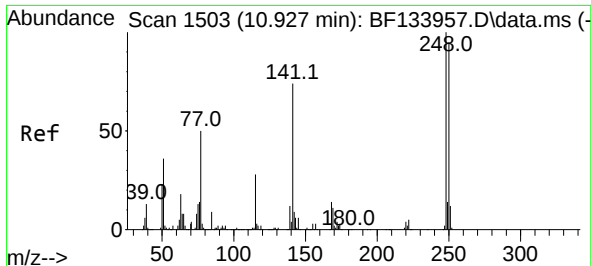
Tgt Ion:198 Resp: 51111
Ion Ratio Lower Upper
198 100
51 64.6 29.3 69.3
105 54.1 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 42.978 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:169 Resp: 372875
Ion Ratio Lower Upper
169 100
168 69.8 52.3 78.5
167 37.5 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 45.162 ng

RT: 10.916 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

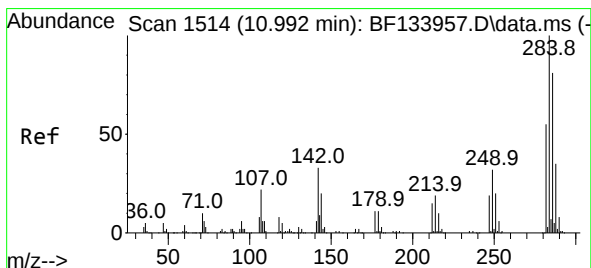
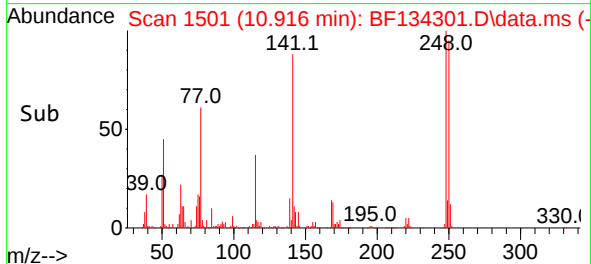
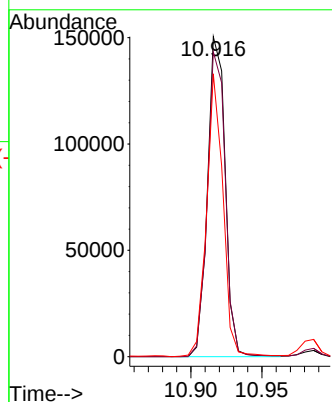
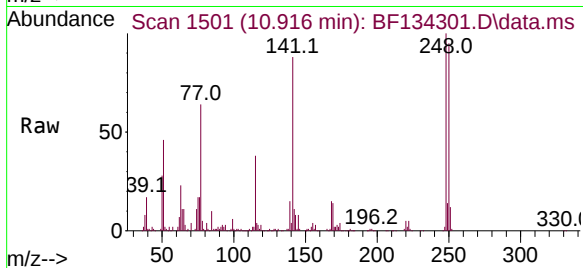
Tgt Ion:248 Resp: 130347

Ion Ratio Lower Upper

248 100

250 95.2 76.2 114.4

141 88.4 59.0 88.4



#68

Hexachlorobenzene

Concen: 47.239 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

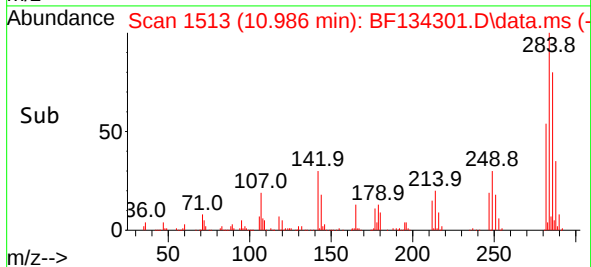
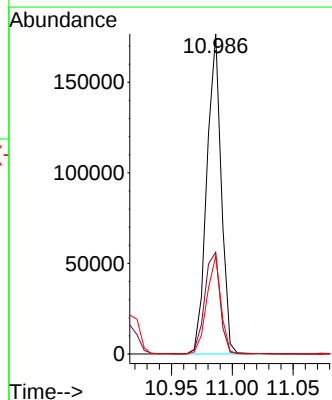
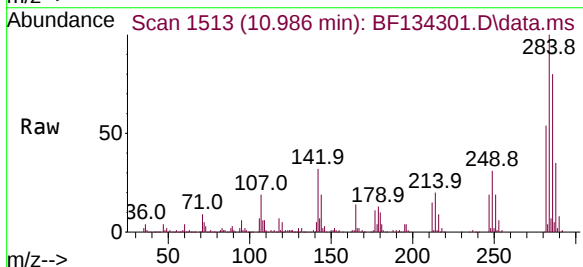
Tgt Ion:284 Resp: 144763

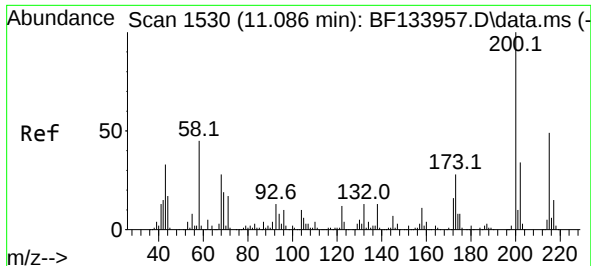
Ion Ratio Lower Upper

284 100

142 31.8 26.6 40.0

249 30.7 25.5 38.3

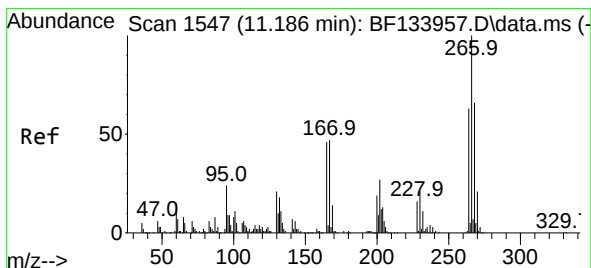
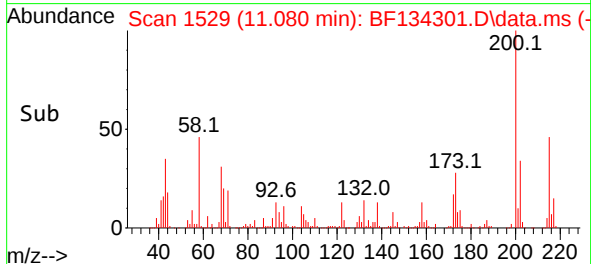
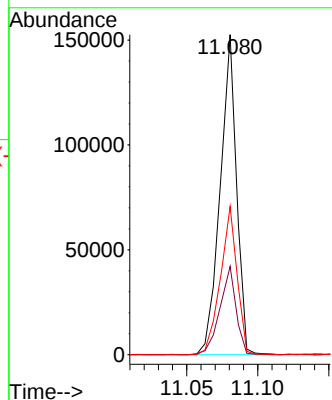
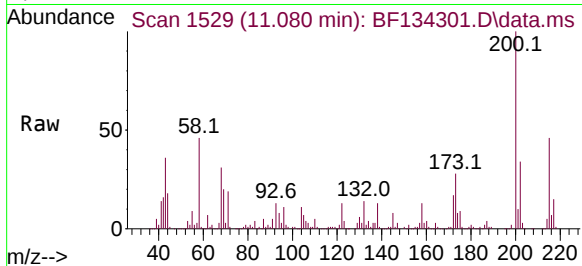




#69
Atrazine
Concen: 50.921 ng
RT: 11.080 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

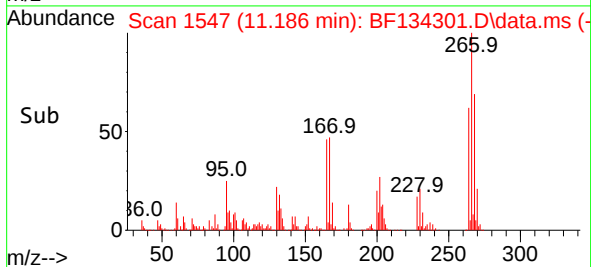
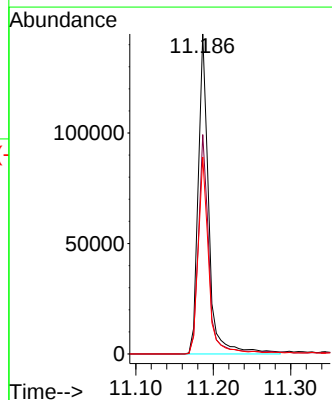
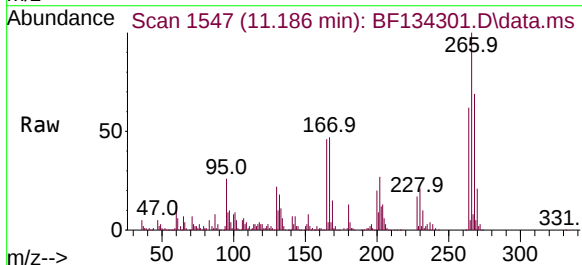
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

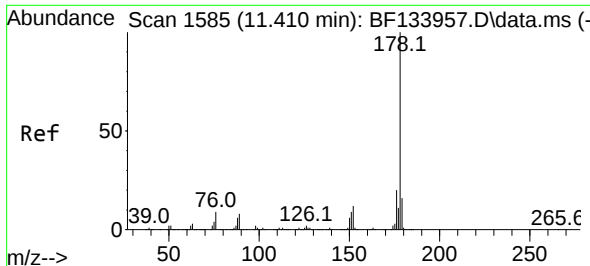
Tgt Ion:200 Resp: 122202
Ion Ratio Lower Upper
200 100
173 27.6 8.0 48.0
215 46.4 29.3 69.3



#70
Pentachlorophenol
Concen: 74.494 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:266 Resp: 136495
Ion Ratio Lower Upper
266 100
268 68.6 52.6 79.0
264 61.6 50.6 76.0

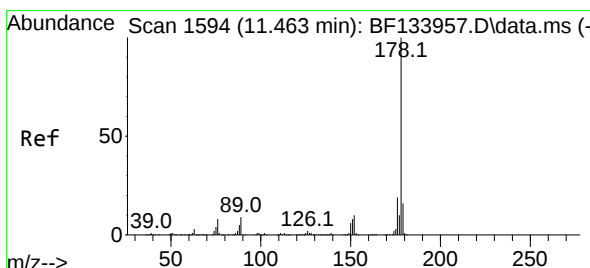
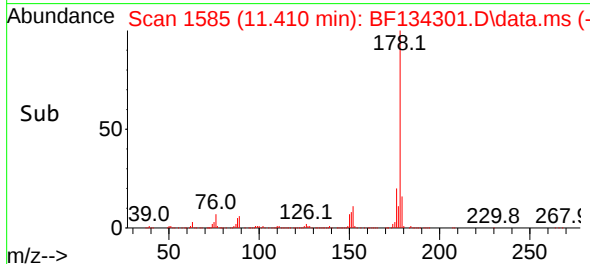
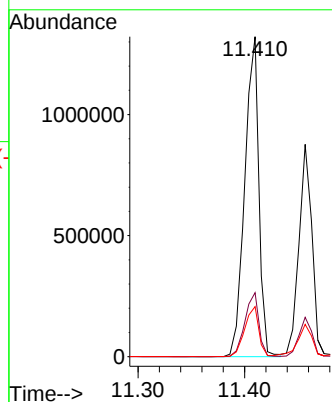
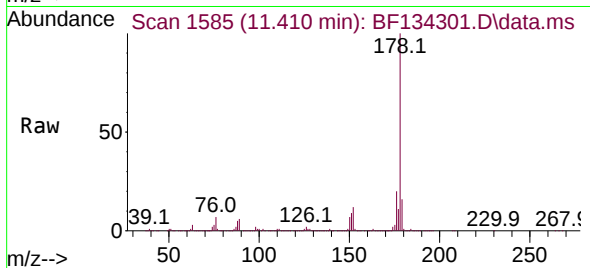




#71
Phenanthrene
Concen: 89.029 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

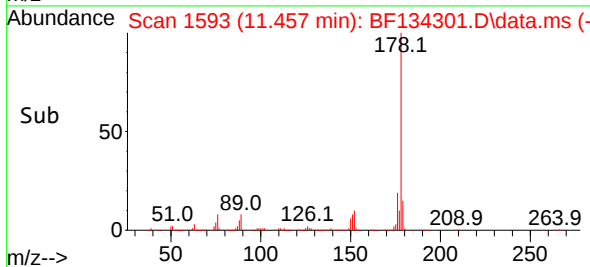
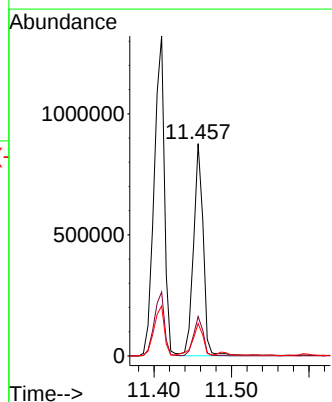
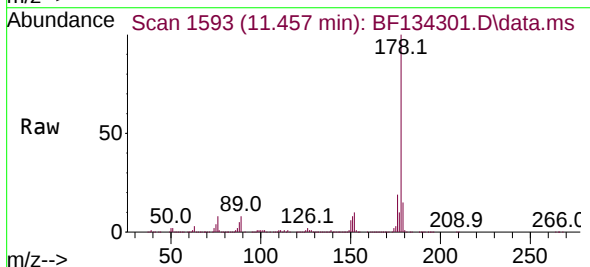
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

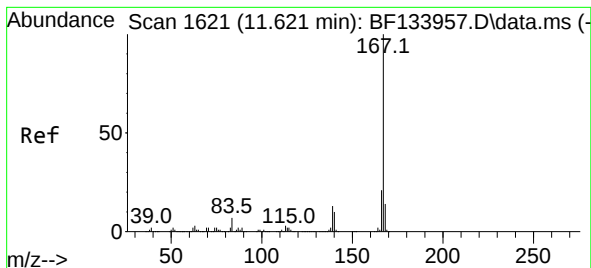
Tgt Ion:178 Resp: 1217022
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 53.334 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:178 Resp: 758316
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.3 12.4 18.6





#73

Carbazole

Concen: 45.973 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

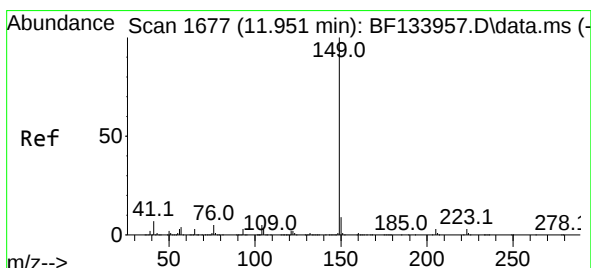
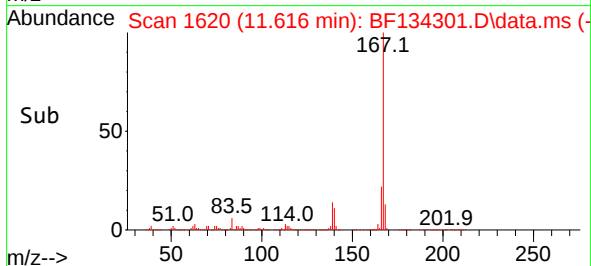
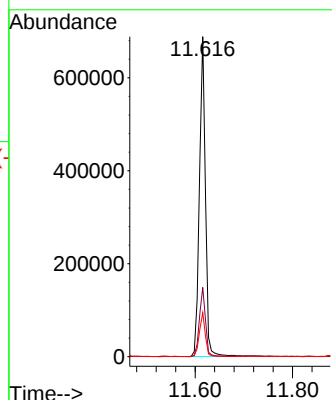
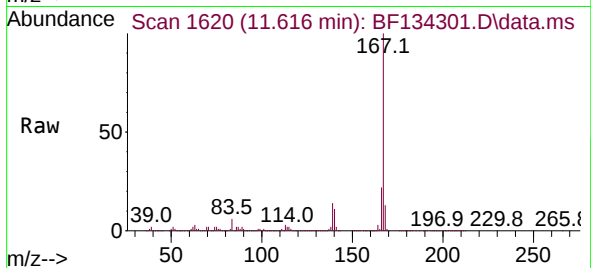
Tgt Ion:167 Resp: 598296

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.8 10.4 15.6



#74

Di-n-butylphthalate

Concen: 45.794 ng

RT: 11.939 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

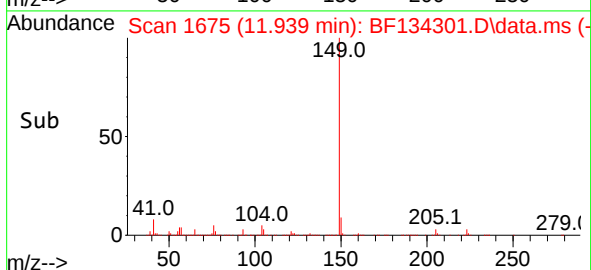
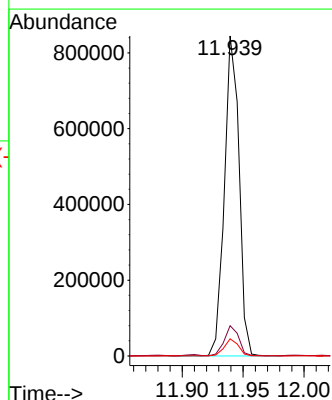
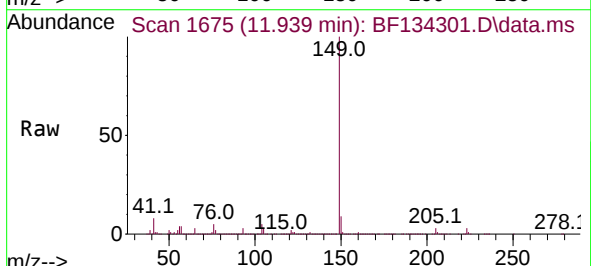
Tgt Ion:149 Resp: 708718

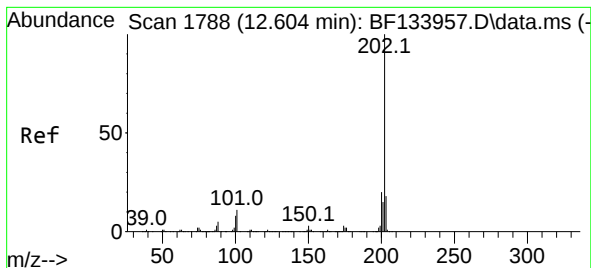
Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 111.154 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

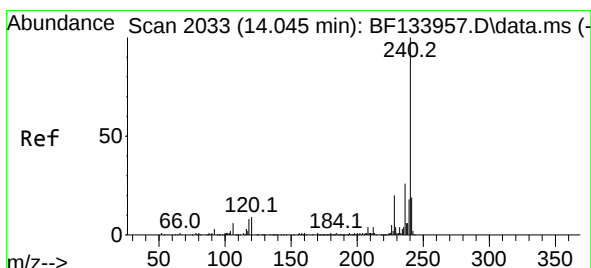
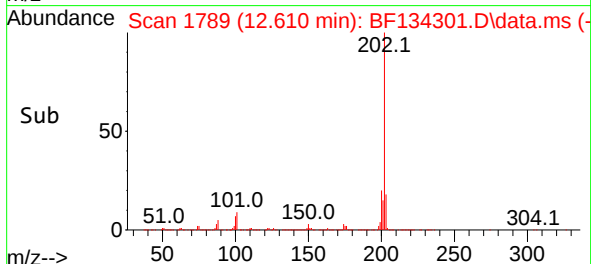
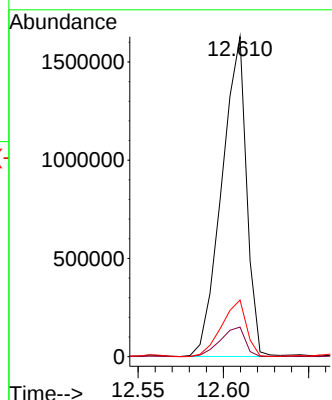
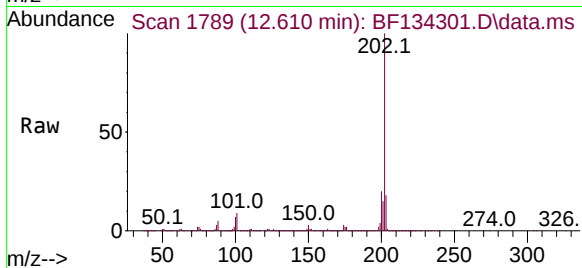
Tgt Ion:202 Resp: 1642696

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.0

203 17.7 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: BF134301.D

Acq: 14 Jul 2023 21:19

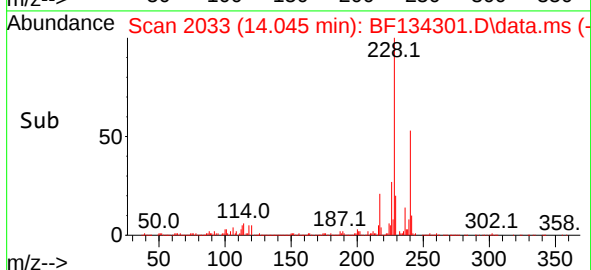
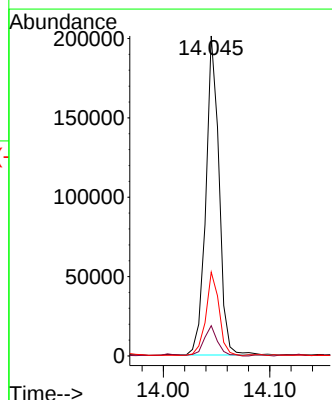
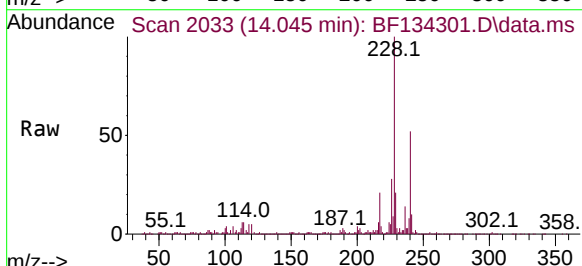
Tgt Ion:240 Resp: 173804

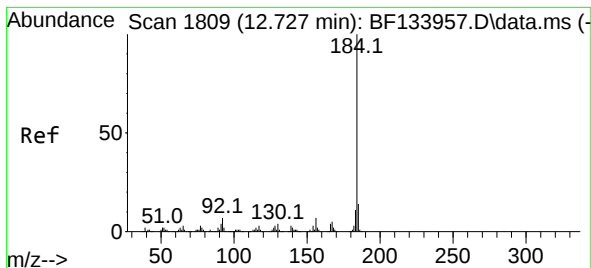
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.2 21.0 31.6





#77

Benzidine

Concen: 12.001 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

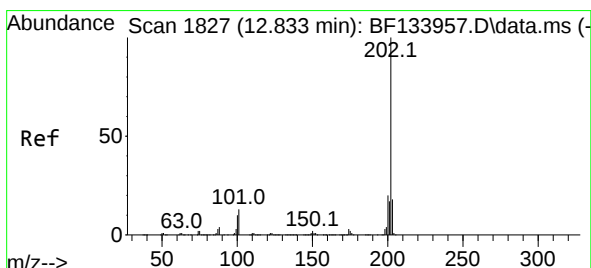
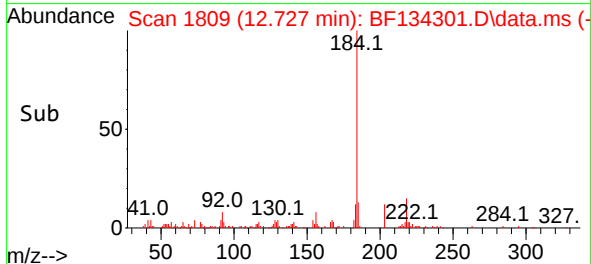
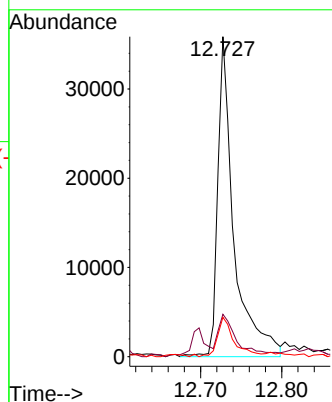
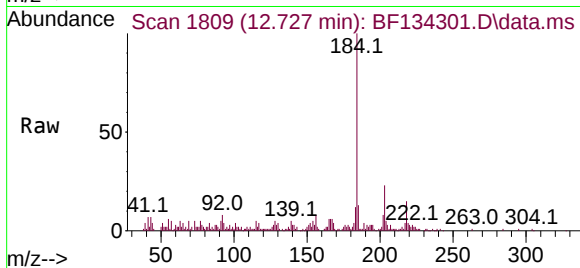
Tgt Ion:184 Resp: 49631

Ion Ratio Lower Upper

184 100

185 13.3 11.6 17.4

183 12.3 8.8 13.2



#78

Pyrene

Concen: 89.833 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

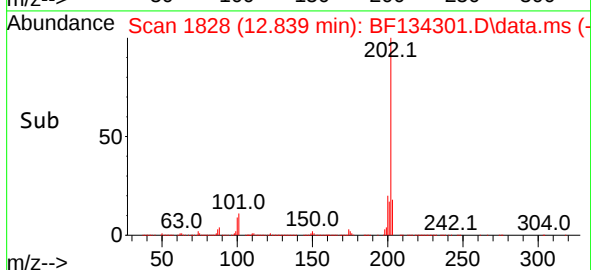
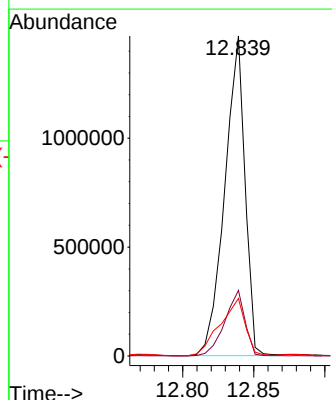
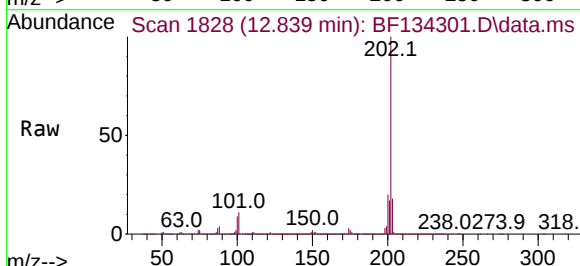
Tgt Ion:202 Resp: 1453025

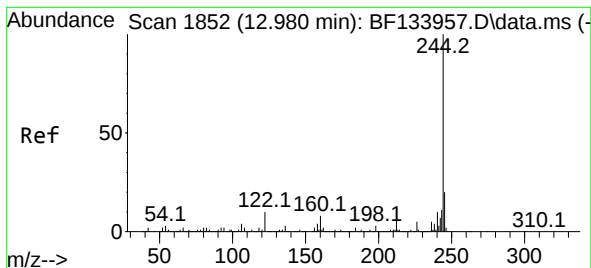
Ion Ratio Lower Upper

202 100

200 20.5 16.1 24.1

203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 58.869 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

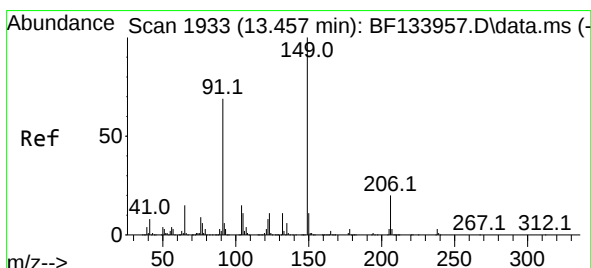
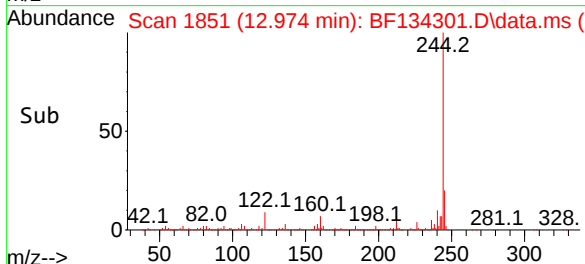
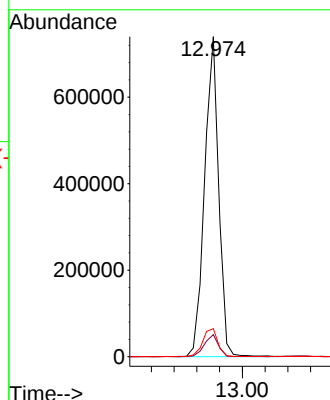
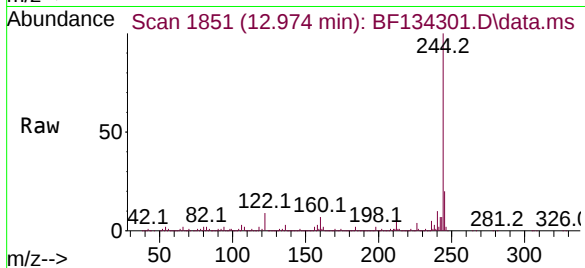
Tgt Ion:244 Resp: 635733

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 8.8 8.3 12.5



#80

Butylbenzylphthalate

Concen: 42.545 ng

RT: 13.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

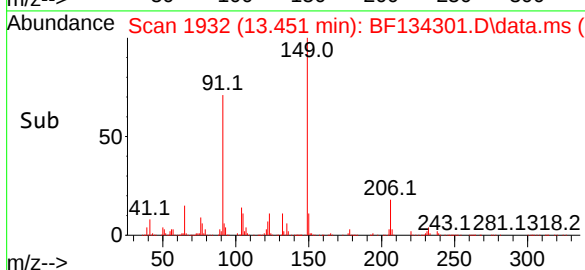
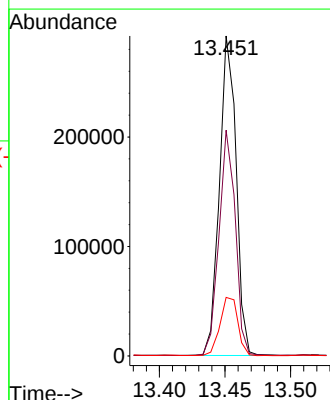
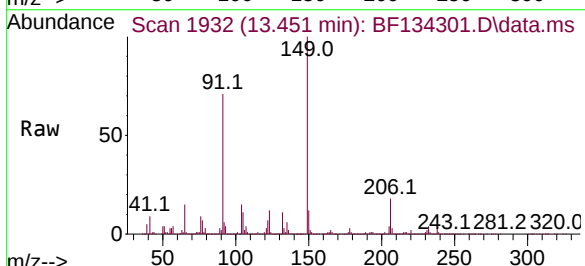
Tgt Ion:149 Resp: 258094

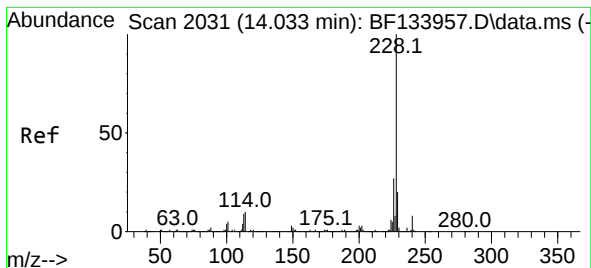
Ion Ratio Lower Upper

149 100

91 70.6 55.1 82.7

206 18.3 15.7 23.5





#81

Benzo(a)anthracene

Concen: 89.807 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

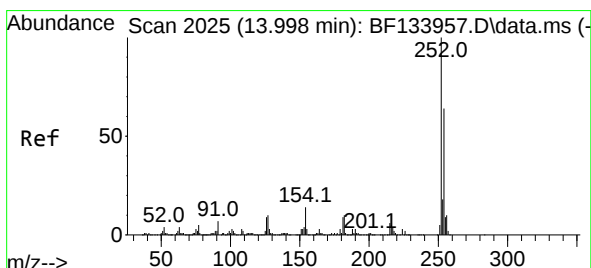
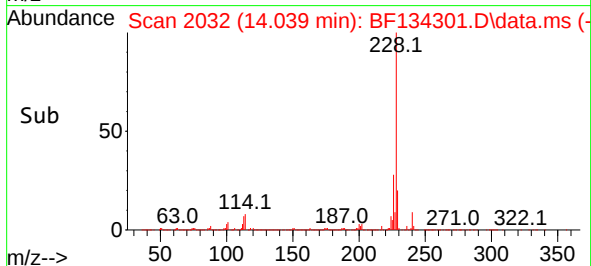
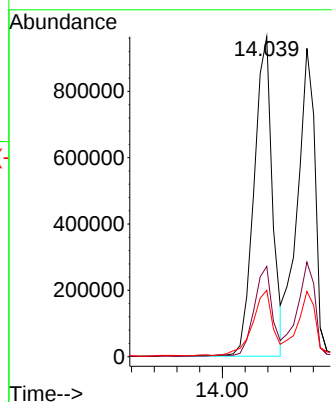
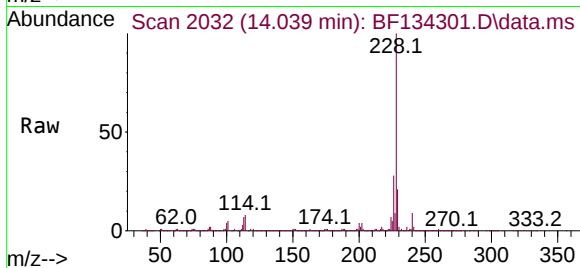
Tgt Ion:228 Resp: 1082497

Ion Ratio Lower Upper

228 100

226 28.2 22.0 33.0

229 20.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 41.141 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

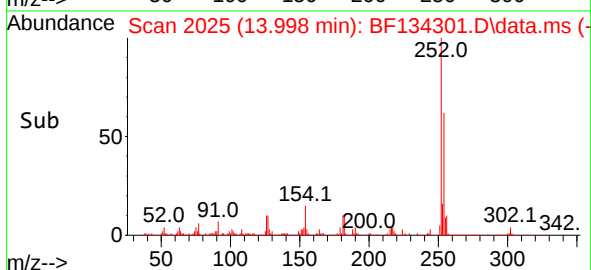
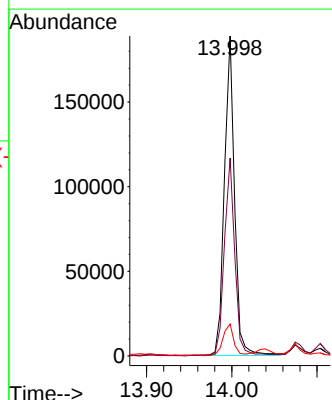
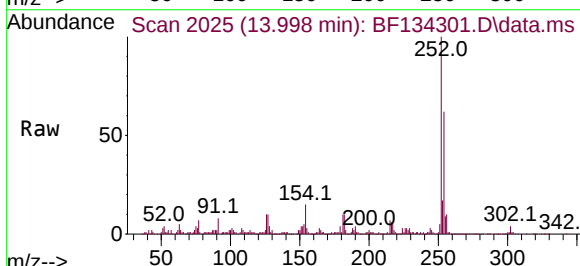
Tgt Ion:252 Resp: 157112

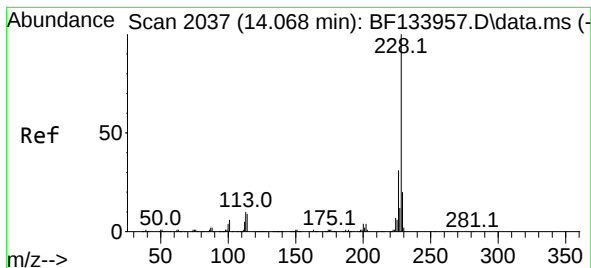
Ion Ratio Lower Upper

252 100

254 61.9 51.4 77.0

126 10.0 7.4 11.2





#83

Chrysene

Concen: 86.293 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

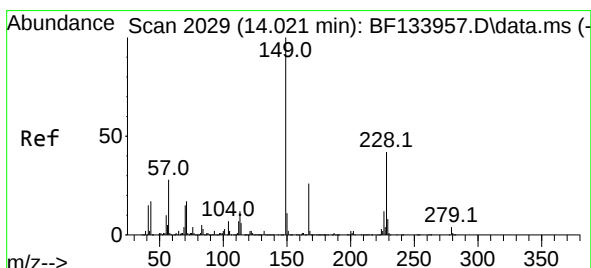
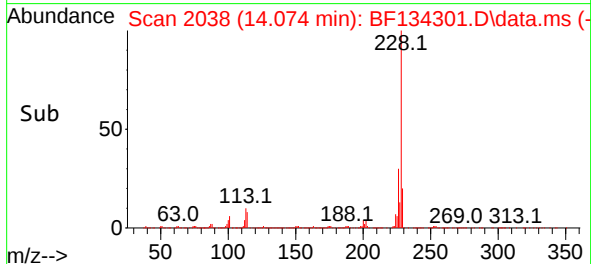
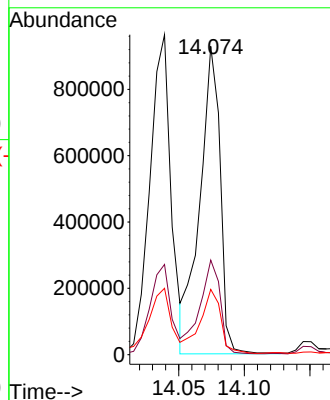
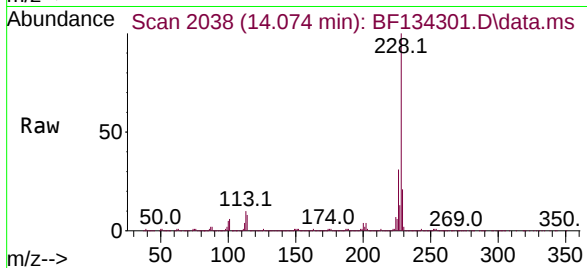
BNA_F

ClientSampleId :

VNJ-225MSD

Tgt Ion:228 Resp: 1007442

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	21.2	16.1	24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.340 ng

RT: 14.016 min Scan# 2028

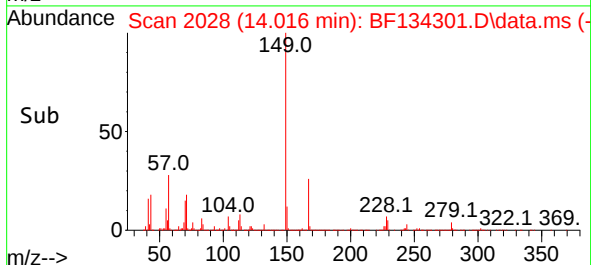
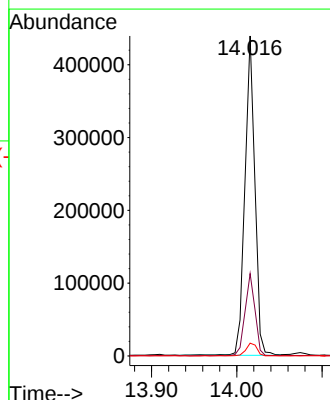
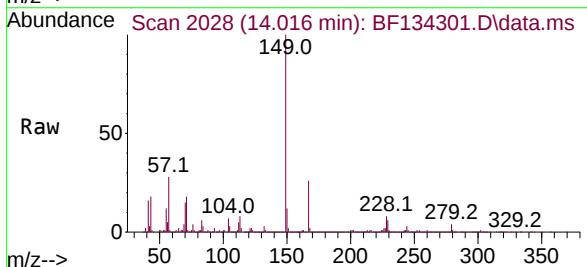
Delta R.T. 0.000 min

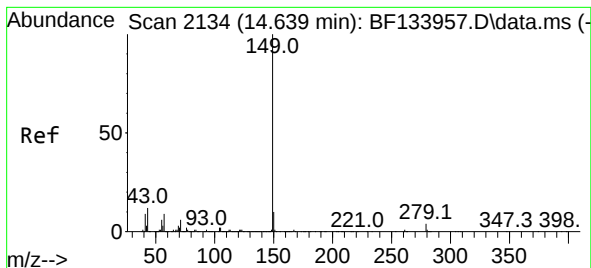
Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Tgt Ion:149 Resp: 357867

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	4.0	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 60.875 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

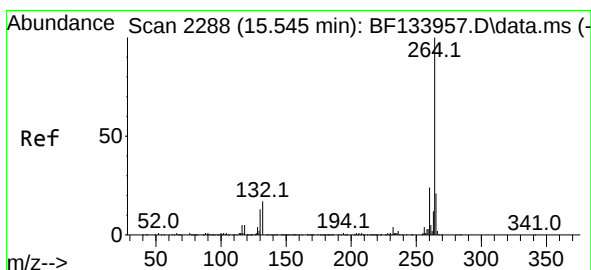
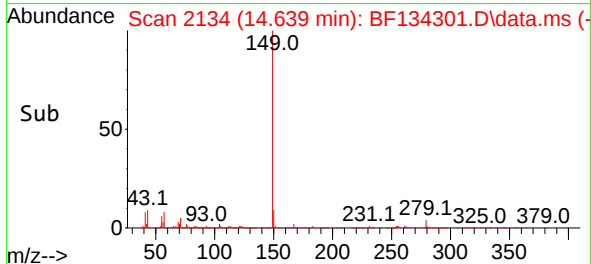
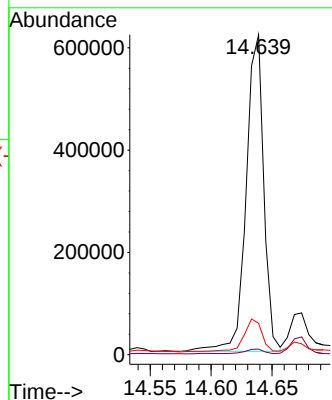
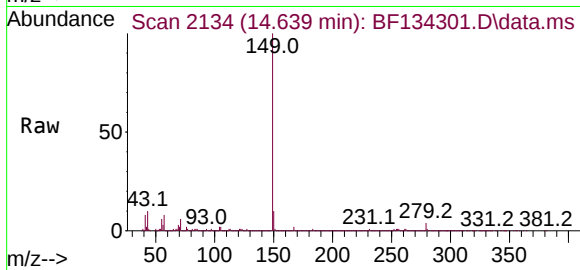
Tgt Ion:149 Resp: 623497

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2289

Delta R.T. 0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

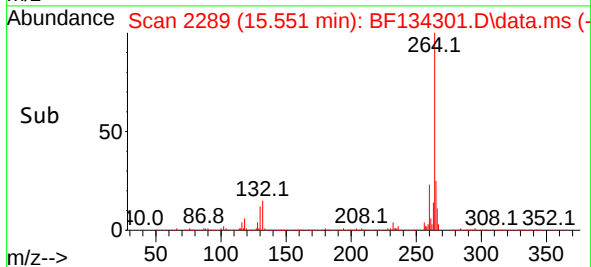
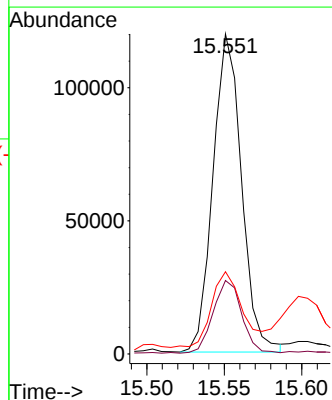
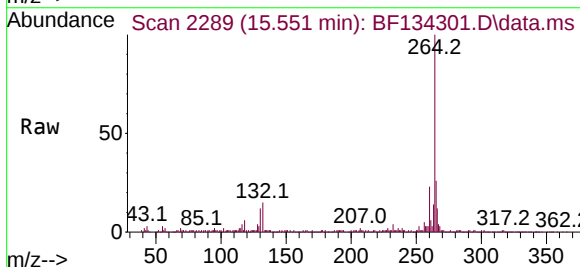
Tgt Ion:264 Resp: 153118

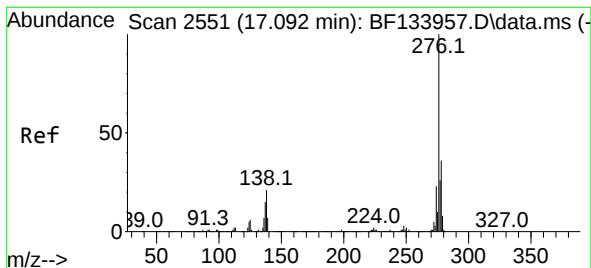
Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 25.7 16.6 25.0#





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.414 ng

RT: 17.115 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

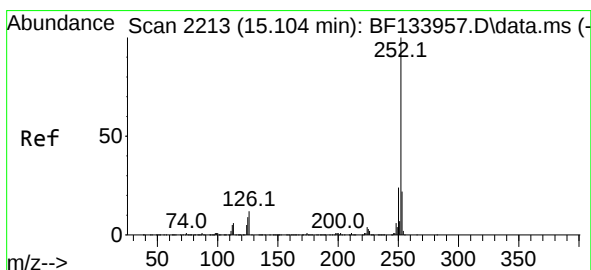
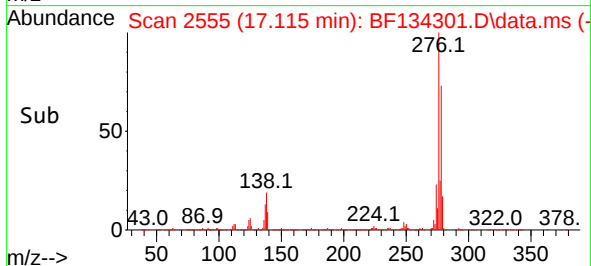
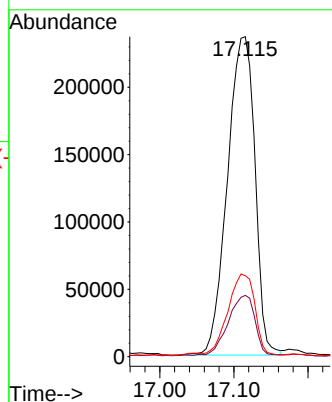
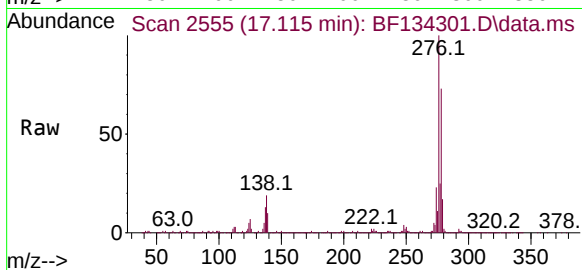
Tgt Ion:276 Resp: 610020

Ion Ratio Lower Upper

276 100

138 18.6 18.7 28.1#

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 148.867 ng

RT: 15.116 min Scan# 2215

Delta R.T. 0.012 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

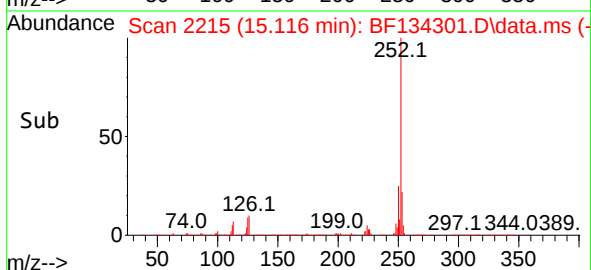
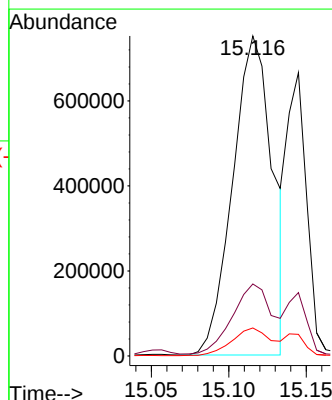
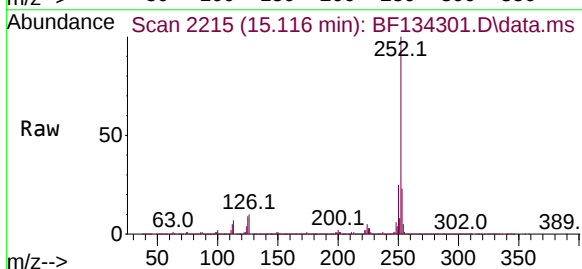
Tgt Ion:252 Resp: 1340317

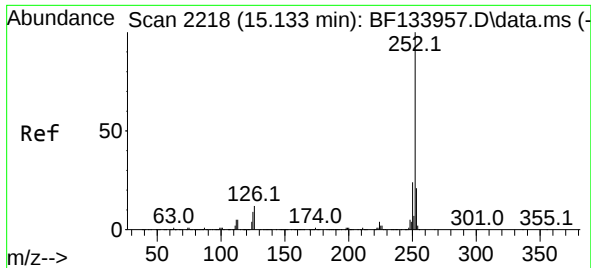
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 8.8 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 64.055 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

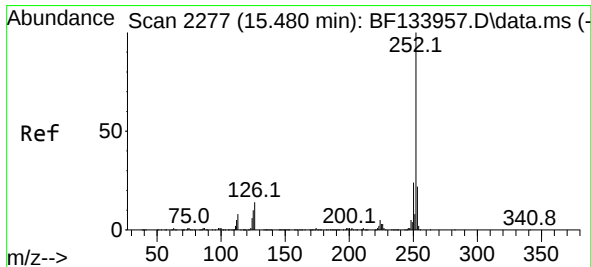
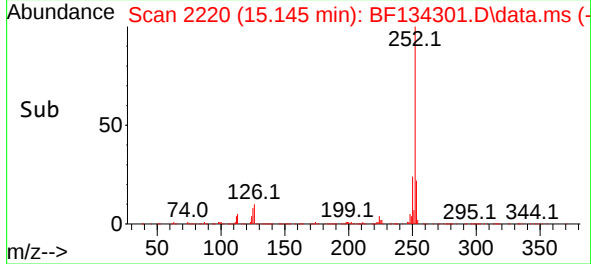
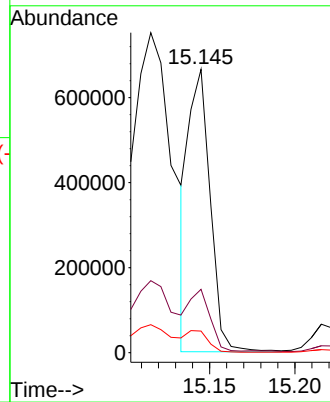
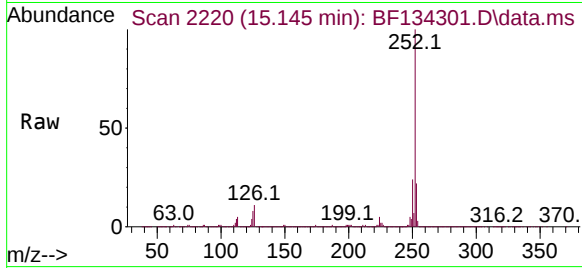
Tgt Ion:252 Resp: 587182

Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

125 7.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 85.856 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.018 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

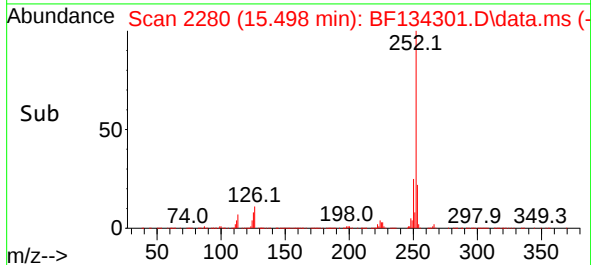
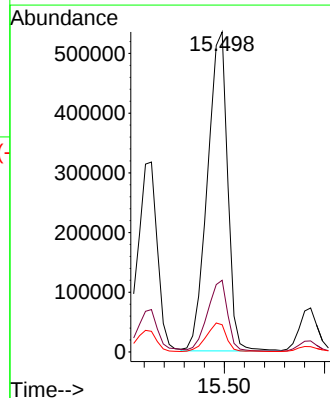
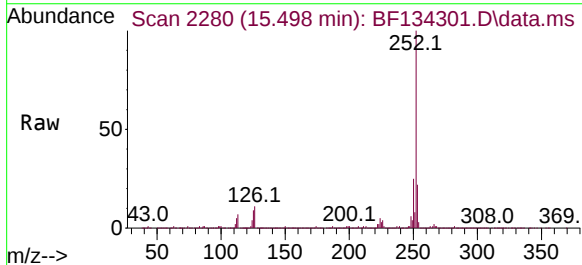
Tgt Ion:252 Resp: 747481

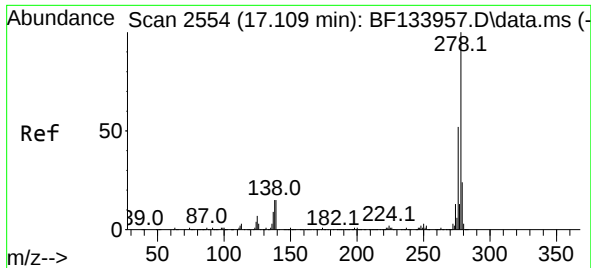
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 8.5 8.4 12.6

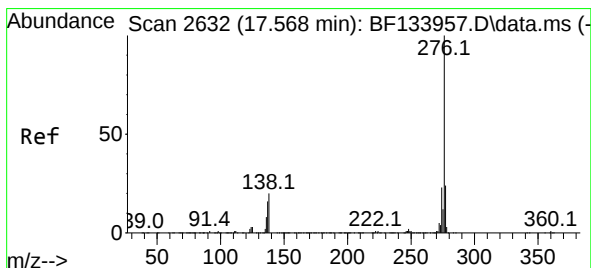
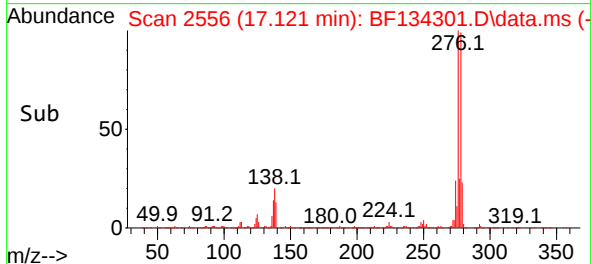
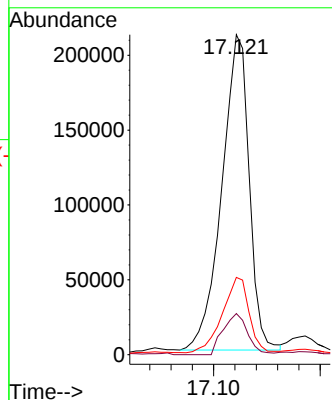
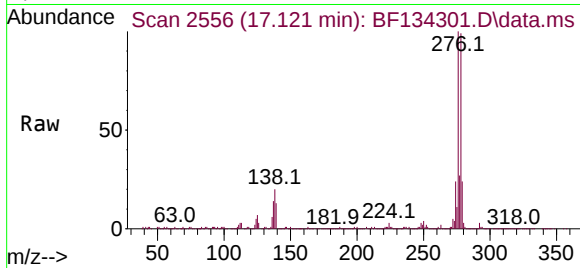




#91
Dibenzo(a,h)anthracene
Concen: 43.278 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion:278 Resp: 375582
Ion Ratio Lower Upper
278 100
139 12.9 12.2 18.4
279 24.1 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 57.030 ng
RT: 17.586 min Scan# 2635
Delta R.T. 0.018 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:276 Resp: 510386
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 15.9 16.2 24.2#

