

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134067.D
 Acq On : 30 Jun 2023 23:43
 Operator : CG\JU
 Sample : 03471-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS

Quant Time: Jul 01 04:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103433	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	391183	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	191710	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	310331	20.000	ng	0.00
76) Chrysene-d12	14.045	240	183263	20.000	ng	0.00
86) Perylene-d12	15.545	264	189291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	789392	127.664	ng	0.00
7) Phenol-d6	6.492	99	953697	125.416	ng	0.00
23) Nitrobenzene-d5	7.416	82	661343	91.134	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	275591	114.655	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1208574	91.656	ng	0.00
79) Terphenyl-d14	12.974	244	923328	81.087	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	107874	42.311	ng	98
3) Pyridine	3.475	79	282182	42.491	ng	99
4) n-Nitrosodimethylamine	3.446	42	205860	54.275	ng	99
6) Aniline	6.516	93	441247	47.685	ng	96
8) 2-Chlorophenol	6.634	128	357029	56.880	ng	99
9) Benzaldehyde	6.404	77	253436	81.752	ng	100
10) Phenol	6.504	94	425858	53.263	ng	83
11) bis(2-Chloroethyl)ether	6.587	93	322789	54.837	ng	98
12) 1,3-Dichlorobenzene	6.787	146	378670	56.587	ng	98
13) 1,4-Dichlorobenzene	6.863	146	381381	56.425	ng	98
14) 1,2-Dichlorobenzene	7.016	146	364050	57.510	ng	99
15) Benzyl Alcohol	6.992	79	335599	57.248	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	567749	54.520	ng	97
17) 2-Methylphenol	7.104	107	296664	52.780	ng	98
18) Hexachloroethane	7.357	117	144521	57.665	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	261563	54.239	ng	97
20) 3+4-Methylphenols	7.257	107	352591	51.708	ng	91
22) Acetophenone	7.257	105	497650	55.938	ng	96
24) Nitrobenzene	7.434	77	394134	53.746	ng	95
25) Isophorone	7.669	82	721944	54.739	ng	98
26) 2-Nitrophenol	7.745	139	196480	55.852	ng	91
27) 2,4-Dimethylphenol	7.786	122	317942	57.096	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	412419	54.005	ng	99
29) 2,4-Dichlorophenol	7.992	162	302785	54.834	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	321595	56.444	ng	97
31) Naphthalene	8.151	128	1012598	53.590	ng	99
32) Benzoic acid	7.904	122	142606	34.176	ng	95
33) 4-Chloroaniline	8.198	127	217920	26.961	ng	98
34) Hexachlorobutadiene	8.263	225	201960	56.192	ng	99
35) Caprolactam	8.586	113	77607	42.685	ng	99
36) 4-Chloro-3-methylphenol	8.686	107	345848	55.753	ng	97
37) 2-Methylnaphthalene	8.845	142	687313	51.438	ng	99
38) 1-Methylnaphthalene	8.945	142	636879	51.271	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	323395	56.939	ng	99
41) Hexachlorocyclopentadiene	8.992	237	229040	85.001	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	221005	57.160	ng	99

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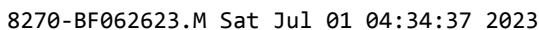
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Quant Time: Jul 01 04:34:24 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	232927	51.215	ng	95
46) 1,1'-Biphenyl	9.310	154	845734	54.995	ng	98
47) 2-Chloronaphthalene	9.333	162	632037	56.172	ng	97
48) 2-Nitroaniline	9.433	65	222086	54.158	ng	99
49) Acenaphthylene	9.751	152	1046076	54.424	ng	99
50) Dimethylphthalate	9.616	163	772536	55.513	ng	99
51) 2,6-Dinitrotoluene	9.680	165	166441	55.530	ng	99
52) Acenaphthene	9.922	154	612893	54.953	ng	98
53) 3-Nitroaniline	9.845	138	147123	40.915	ng	98
54) 2,4-Dinitrophenol	9.957	184	72419	43.680	ng	99
55) Dibenzofuran	10.098	168	907326	52.054	ng	100
56) 4-Nitrophenol	10.016	139	229850	91.384	ng	94
57) 2,4-Dinitrotoluene	10.086	165	207031	52.302	ng	92
58) Fluorene	10.439	166	714133	52.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	181018	50.459	ng	100
60) Diethylphthalate	10.316	149	796900	54.964	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	346252	52.984	ng	98
62) 4-Nitroaniline	10.469	138	157893	43.571	ng	96
63) Azobenzene	10.592	77	761502	55.525	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	62328	36.839	ng	95
66) n-Nitrosodiphenylamine	10.551	169	637374	64.283	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	208765	63.292	ng	92
68) Hexachlorobenzene	10.992	284	221874	63.353	ng	92
69) Atrazine	11.086	200	193180	70.437	ng	99
70) Pentachlorophenol	11.186	266	182876	87.333	ng	98
71) Phenanthrene	11.410	178	1129090	72.273	ng	99
72) Anthracene	11.463	178	934123	57.487	ng	99
73) Carbazole	11.616	167	786010	52.848	ng	99
74) Di-n-butylphthalate	11.945	149	1057906	59.813	ng	99
75) Fluoranthene	12.604	202	1207184	71.476	ng	99
77) Benzidine	12.727	184	311854	71.516	ng	99
78) Pyrene	12.833	202	1168093	68.489	ng	99
80) Butylbenzylphthalate	13.457	149	343166	53.649	ng	96
81) Benzo(a)anthracene	14.033	228	904483	71.165	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	223362	55.471	ng	# 97
83) Chrysene	14.074	228	857538	69.661	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	478161	65.057	ng	99
85) Di-n-octyl phthalate	14.639	149	845521	78.291	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	629141	47.898	ng	97
88) Benzo(b)fluoranthene	15.110	252	933370	83.857	ng	99
89) Benzo(k)fluoranthene	15.139	252	752306	66.385	ng	97
90) Benzo(a)pyrene	15.486	252	723484	67.219	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	467948	43.617	ng	99
92) Benzo(g,h,i)perylene	17.568	276	501354	45.316	ng	99

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

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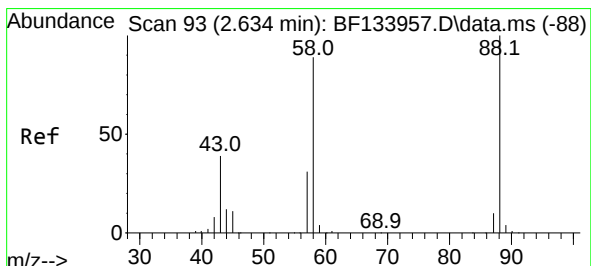
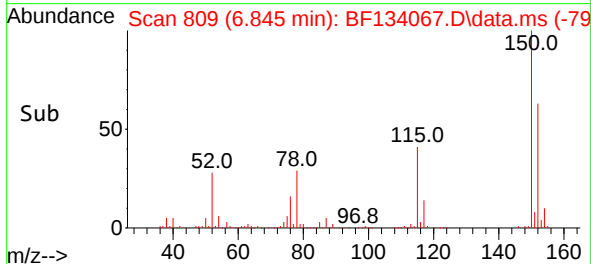
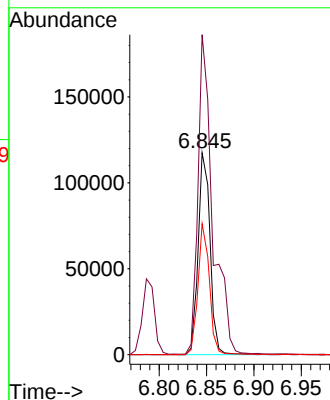
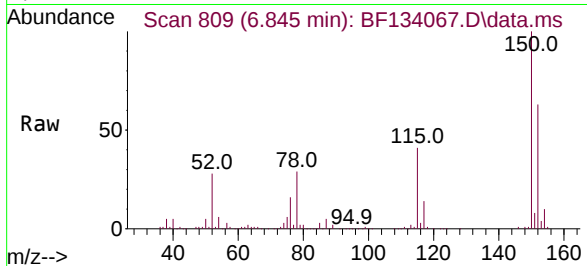




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF134067.D
 Acq: 30 Jun 2023 23:43

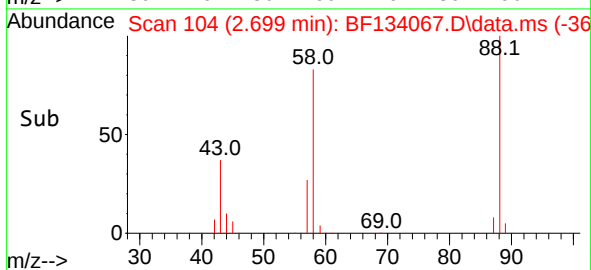
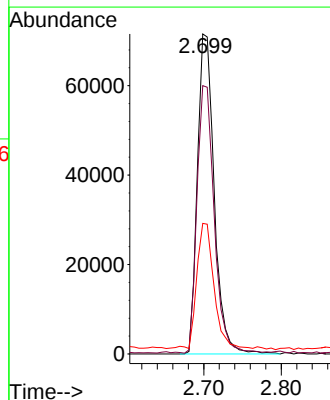
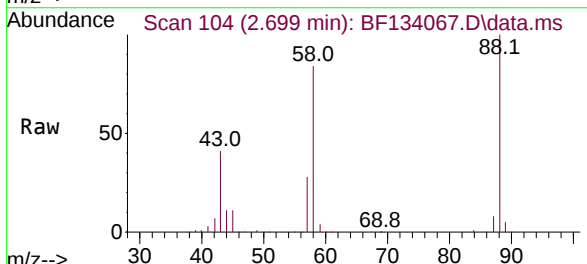
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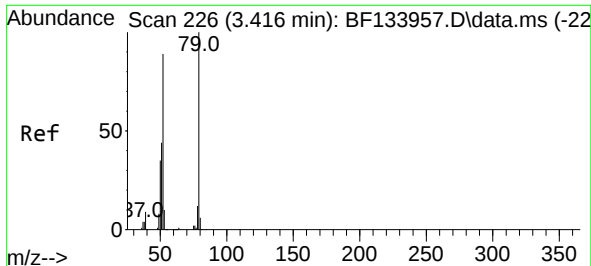
Tgt Ion:152 Resp: 103433
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.5 186.7
 115 64.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 42.311 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.053 min
 Lab File: BF134067.D
 Acq: 30 Jun 2023 23:43

Tgt Ion: 88 Resp: 107874
 Ion Ratio Lower Upper
 88 100
 58 84.6 68.8 103.2
 43 39.6 30.7 46.1





#3

Pyridine

Concen: 42.491 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

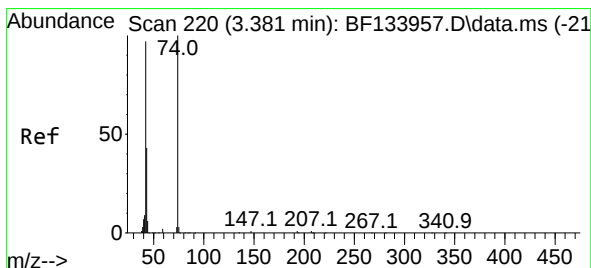
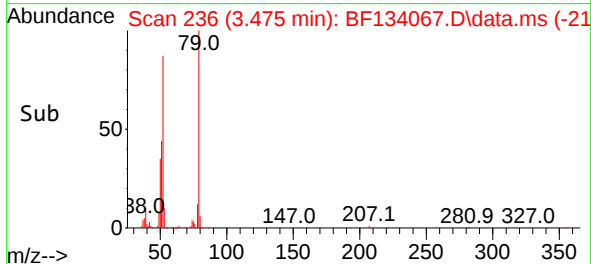
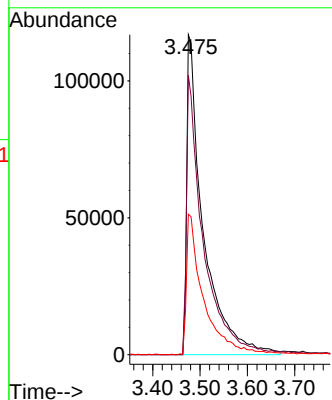
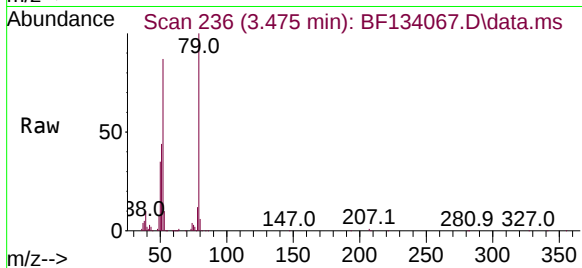
Tgt Ion: 79 Resp: 282182

Ion Ratio Lower Upper

79 100

52 87.2 71.1 106.7

51 43.9 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 54.275 ng

RT: 3.446 min Scan# 231

Delta R.T. 0.041 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

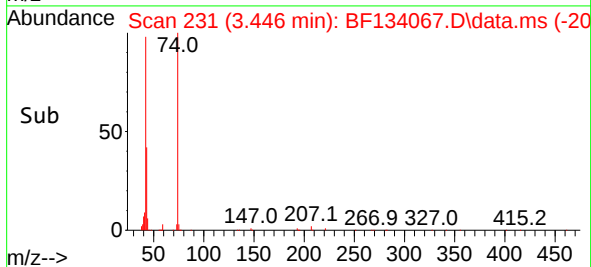
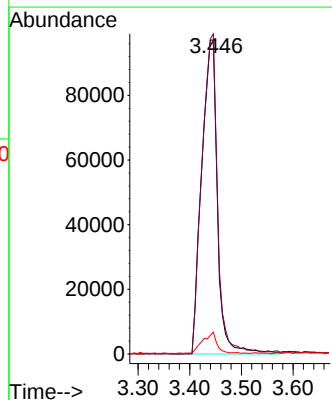
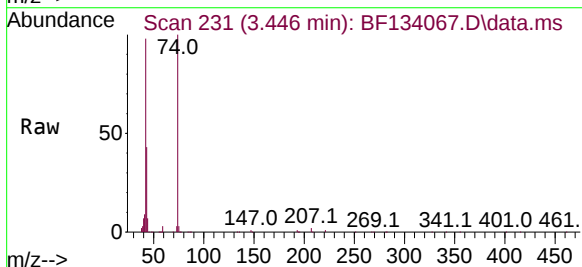
Tgt Ion: 42 Resp: 205860

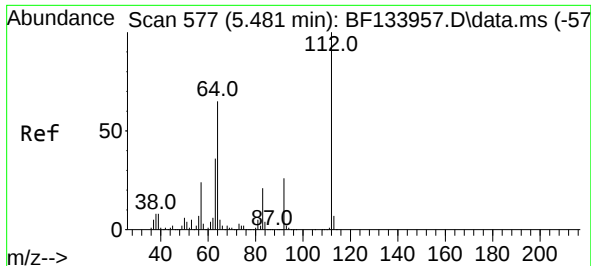
Ion Ratio Lower Upper

42 100

74 101.9 82.4 123.6

44 6.9 4.9 7.3

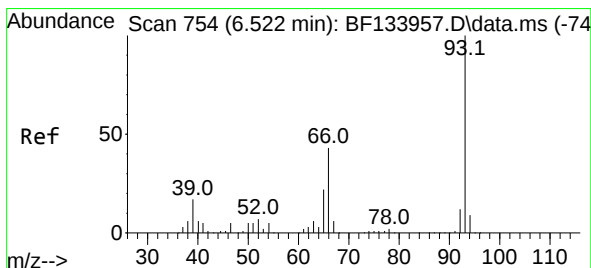
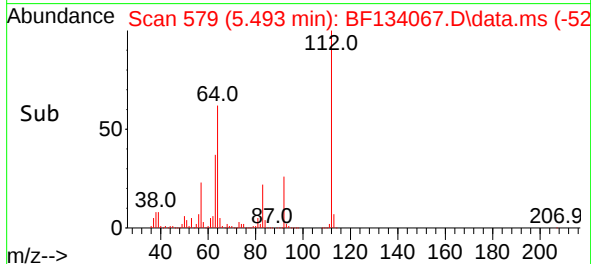
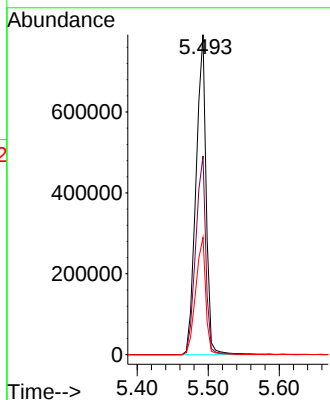
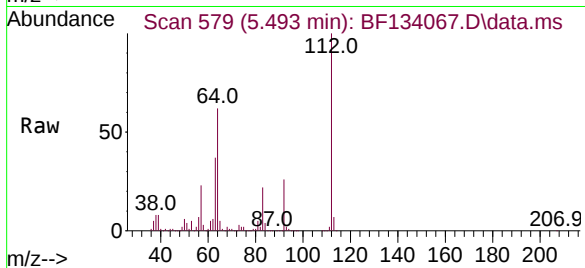




#5
2-Fluorophenol
Concen: 127.664 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

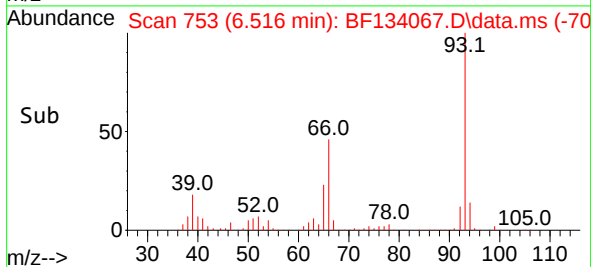
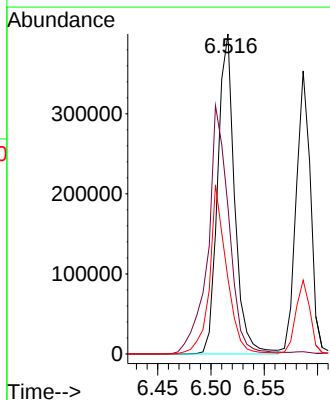
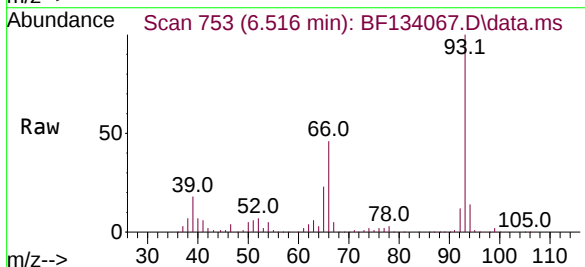
Instrument :
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Tgt Ion:112 Resp: 789392
Ion Ratio Lower Upper
112 100
64 62.1 52.1 78.1
63 36.7 28.6 42.8



#6
Aniline
Concen: 47.685 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion: 93 Resp: 441247
Ion Ratio Lower Upper
93 100
66 46.0 34.5 51.7
65 23.5 17.8 26.6

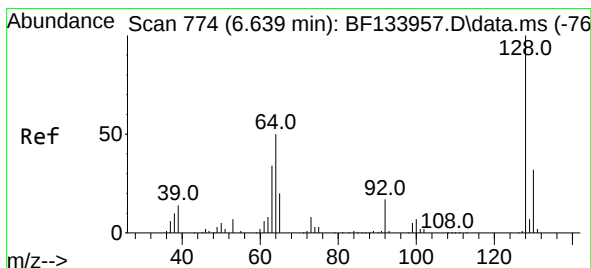
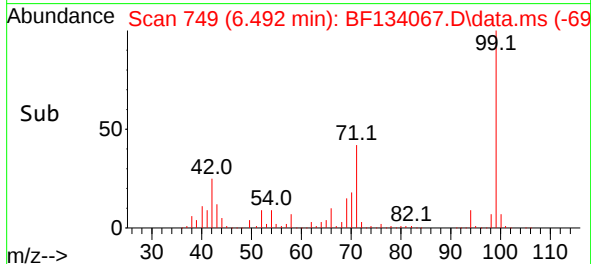
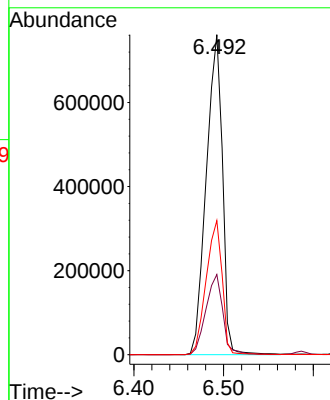
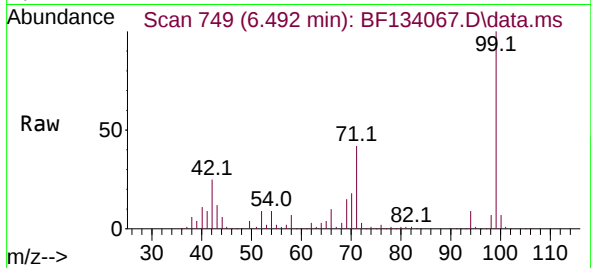




#7
Phenol-d6
Concen: 125.416 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

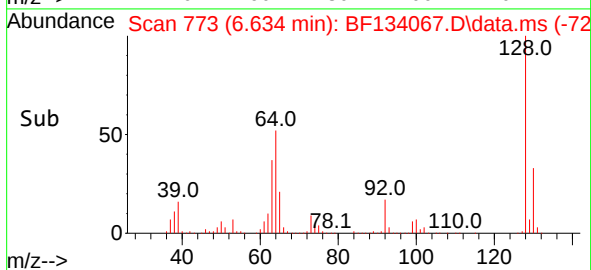
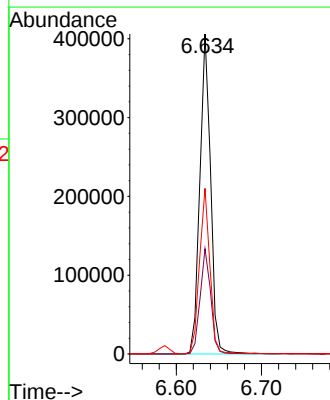
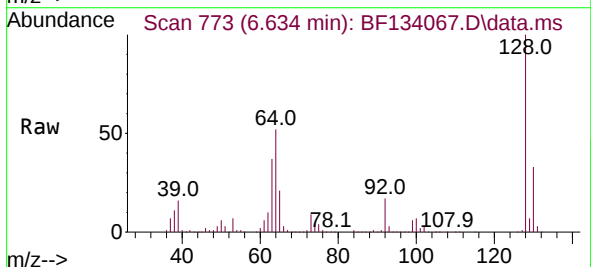
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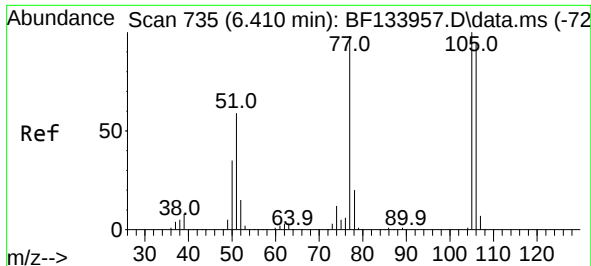
Tgt Ion: 99 Resp: 953697
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 41.9 31.9 47.9



#8
2-Chlorophenol
Concen: 56.880 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:128 Resp: 357029
Ion Ratio Lower Upper
128 100
130 32.9 11.7 51.7
64 51.8 31.3 71.3





#9

Benzaldehyde

Concen: 81.752 ng

RT: 6.404 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

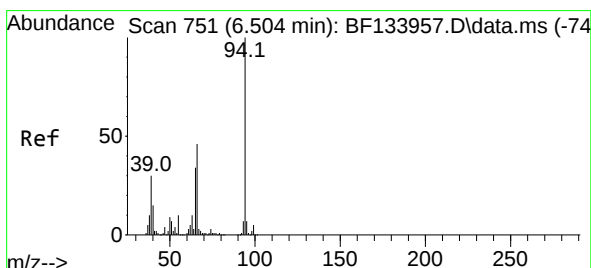
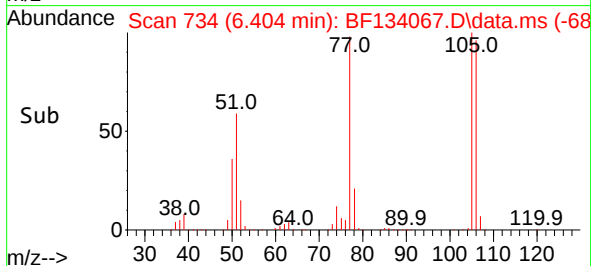
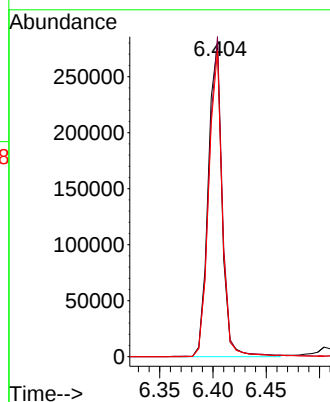
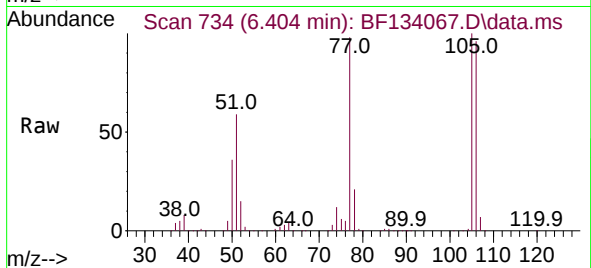
Tgt Ion: 77 Resp: 253436

Ion Ratio Lower Upper

77 100

105 102.1 82.0 122.0

106 97.7 76.9 116.9



#10

Phenol

Concen: 53.263 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF134067.D

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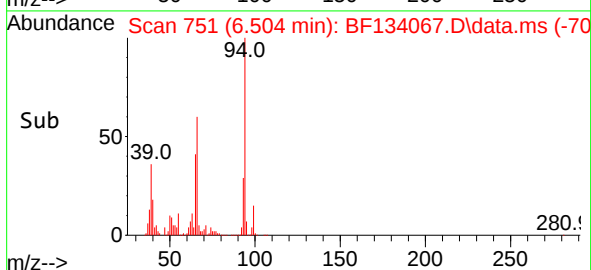
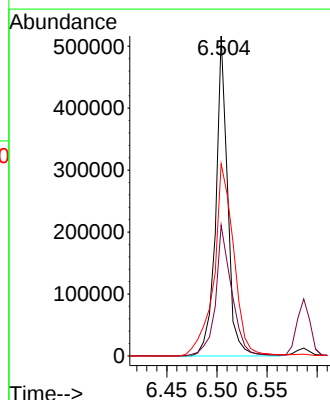
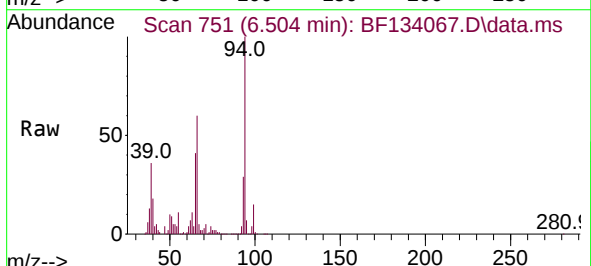
Tgt Ion: 94 Resp: 425858

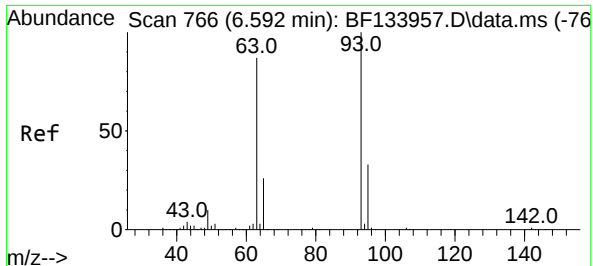
Ion Ratio Lower Upper

94 100

65 40.9 14.2 54.2

66 60.1 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 54.837 ng

RT: 6.587 min Scan# 765

Delta R.T. -0.006 min

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ClientSampleId :

VNJ-232MS

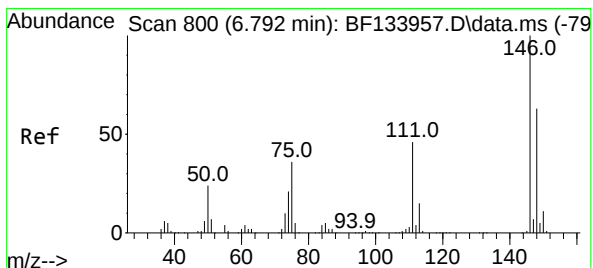
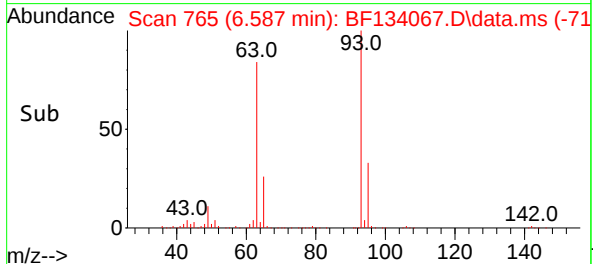
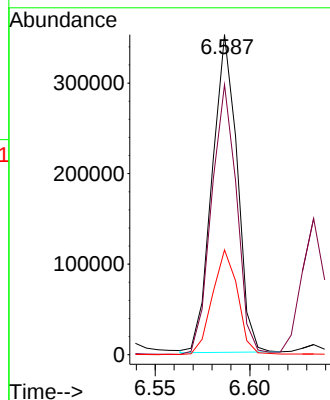
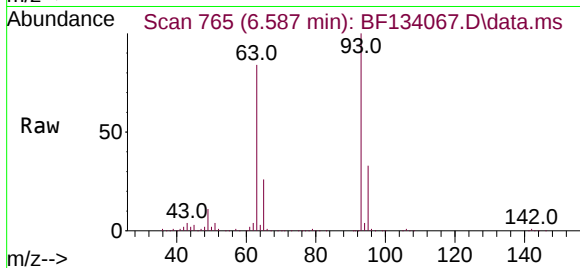
Tgt Ion: 93 Resp: 322789

Ion Ratio Lower Upper

93 100

63 84.4 66.5 106.5

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 56.587 ng

RT: 6.787 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

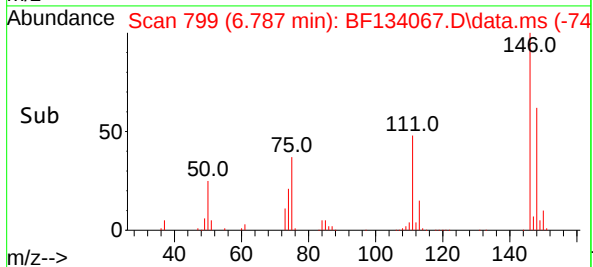
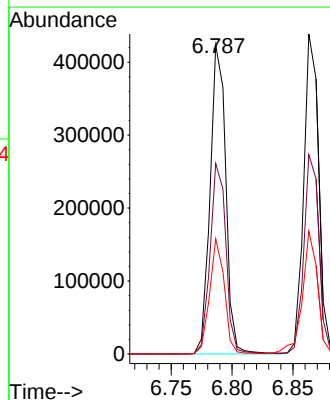
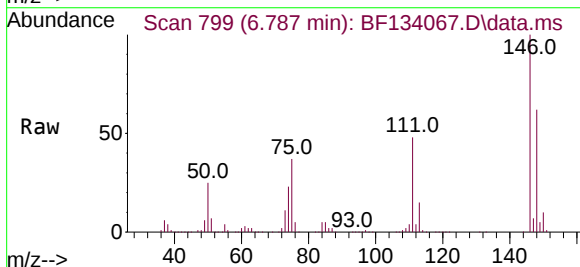
Tgt Ion:146 Resp: 378670

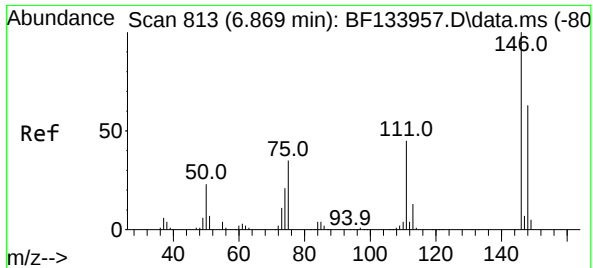
Ion Ratio Lower Upper

146 100

148 61.7 50.5 75.7

75 37.3 29.0 43.6

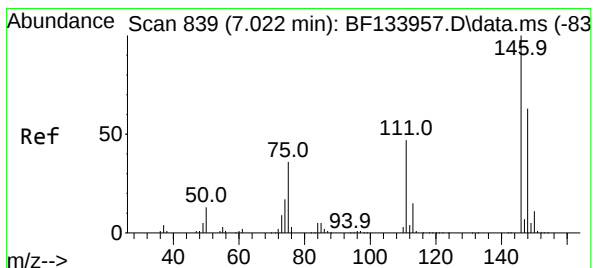
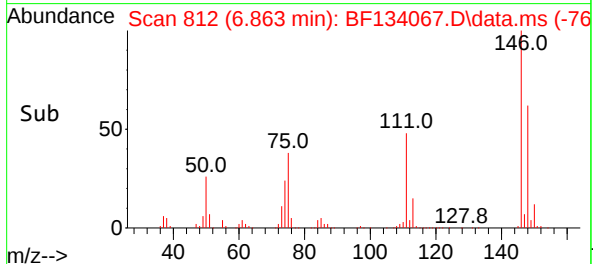
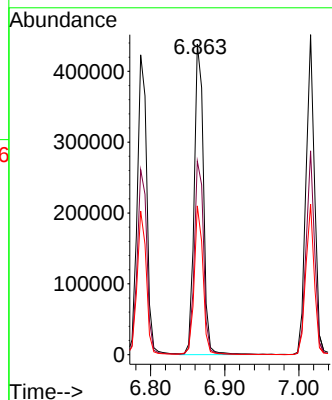
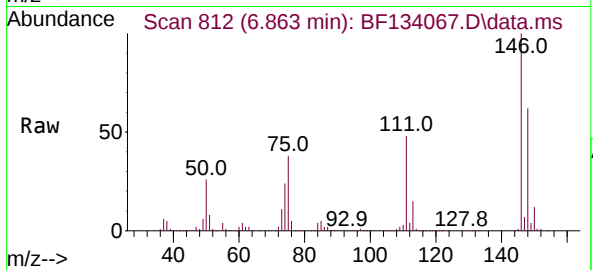




#13
1,4-Dichlorobenzene
Concen: 56.425 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

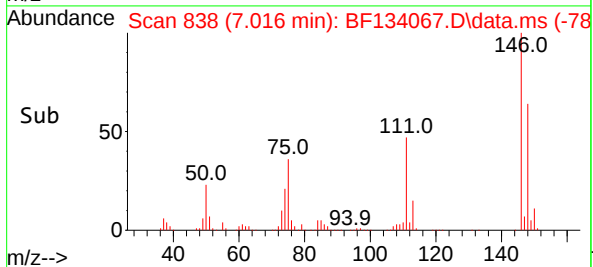
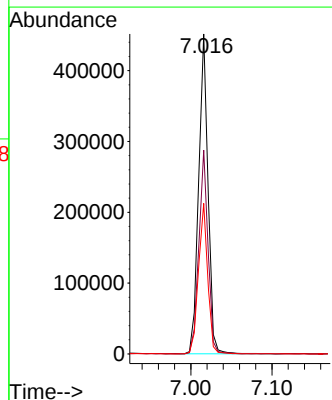
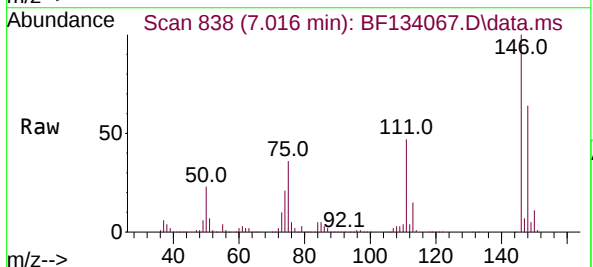
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:146 Resp: 381381
Ion Ratio Lower Upper
146 100
148 62.3 50.2 75.2
111 47.9 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 57.510 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:146 Resp: 364050
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 47.1 38.0 57.0

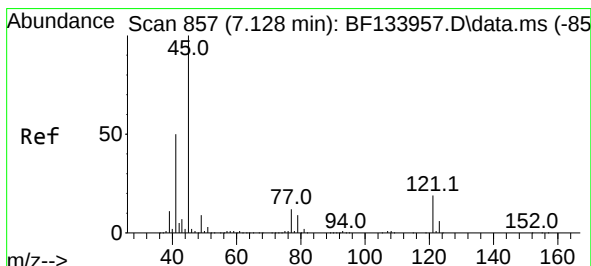
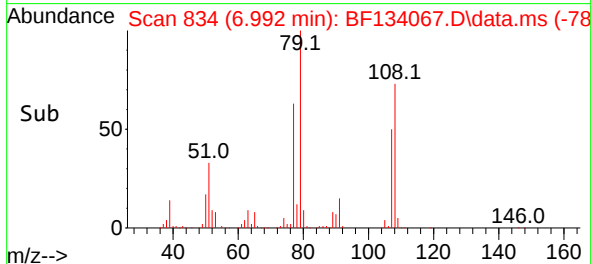
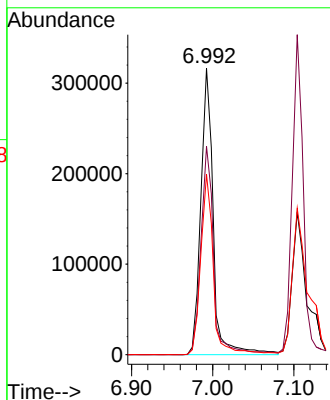
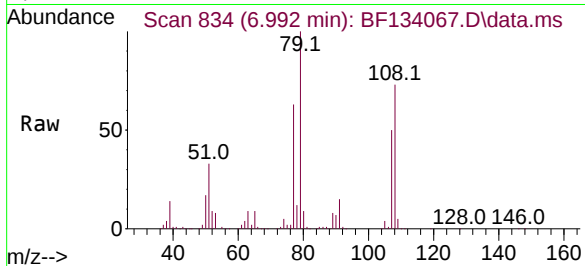




#15
Benzyl Alcohol
Concen: 57.248 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

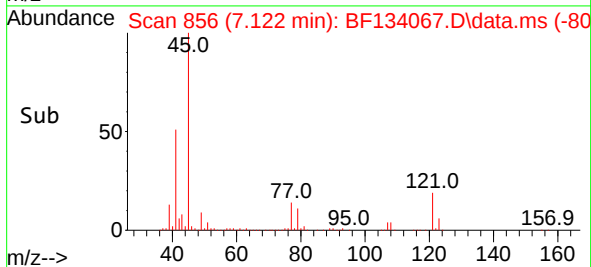
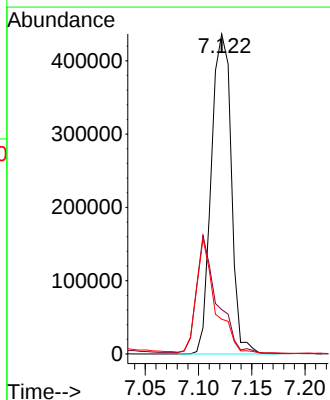
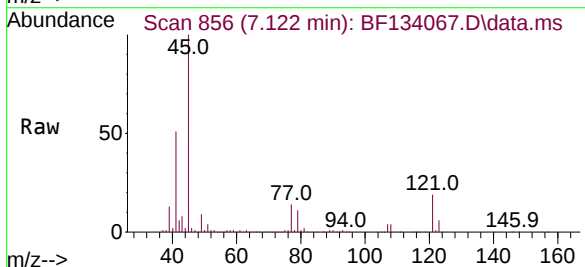
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

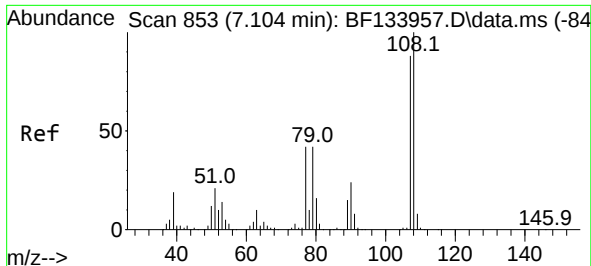
Tgt Ion: 79 Resp: 335599
Ion Ratio Lower Upper
79 100
108 72.8 60.7 91.1
77 63.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.520 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion: 45 Resp: 567749
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 10.9 0.0 29.5

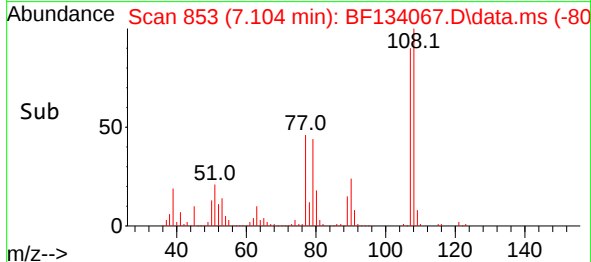
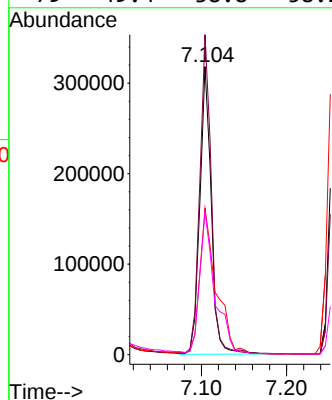
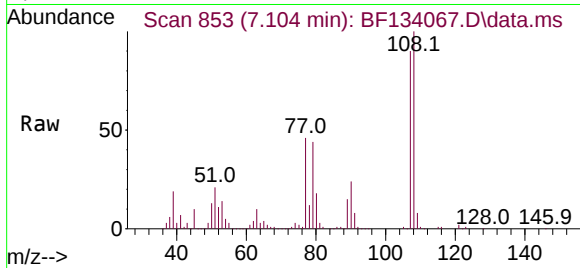




#17
2-Methylphenol
Concen: 52.780 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

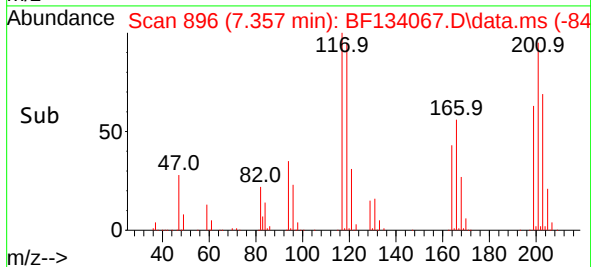
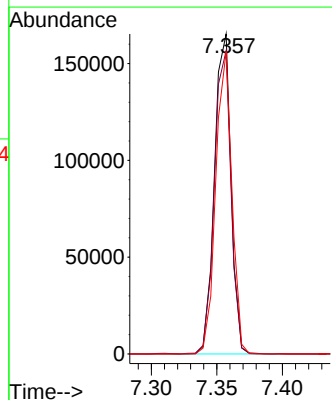
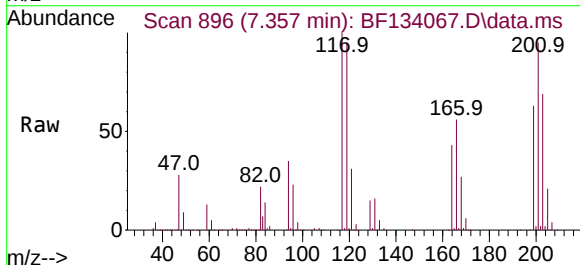
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:	107	Resp:	296664
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.6	136.0
77	50.8	38.3	57.5
79	49.4	38.8	58.2



#18
Hexachloroethane
Concen: 57.665 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:	117	Resp:	144521
Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.2	111.4
201	94.5	77.2	115.8



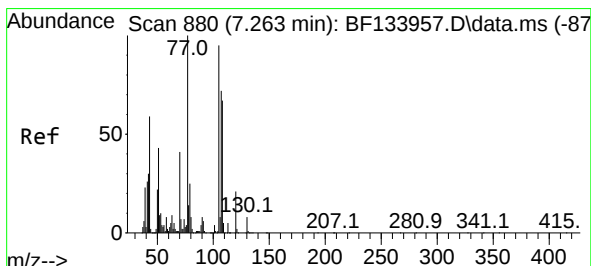
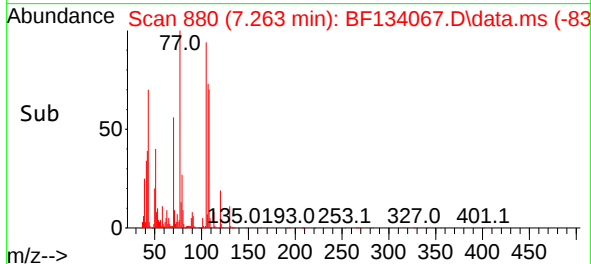
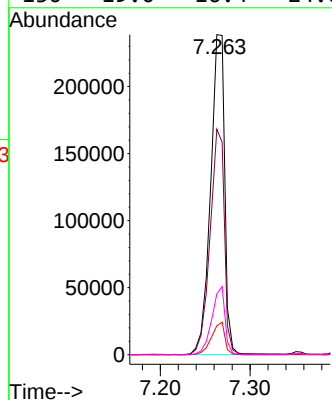
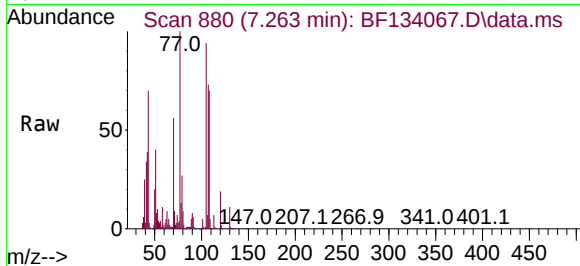


#19
n-Nitroso-di-n-propylamine
Concen: 54.239 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion: 70 Resp: 261563

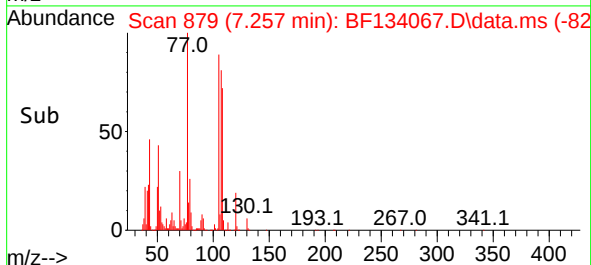
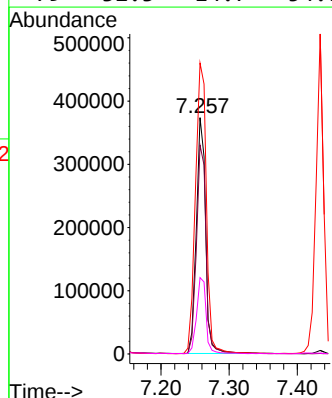
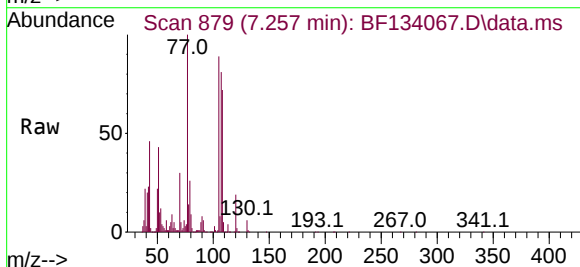
Ion	Ratio	Lower	Upper
70	100		
42	70.4	54.7	82.1
101	9.0	7.7	11.5
130	19.0	16.4	24.6

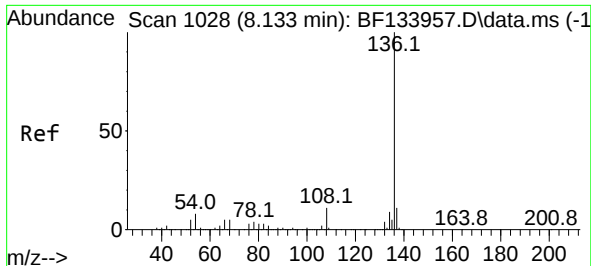


#20
3+4-Methylphenols
Concen: 51.708 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion: 107 Resp: 352591

Ion	Ratio	Lower	Upper
107	100		
108	88.4	73.2	113.2
77	123.1	118.3	158.3
79	32.3	14.7	54.7



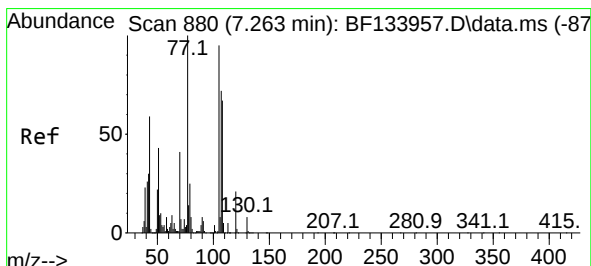
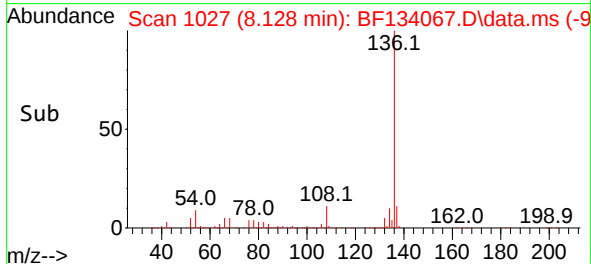
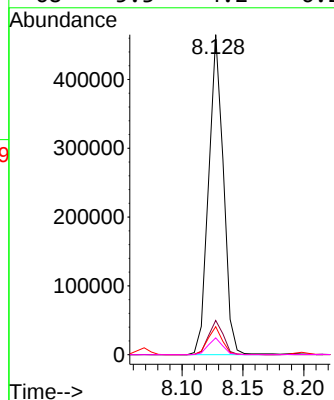
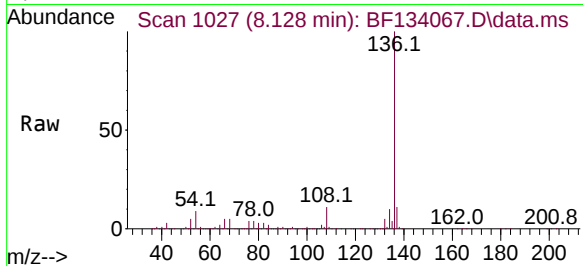


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:136 Resp: 391183

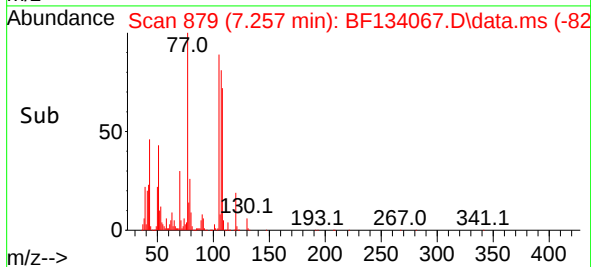
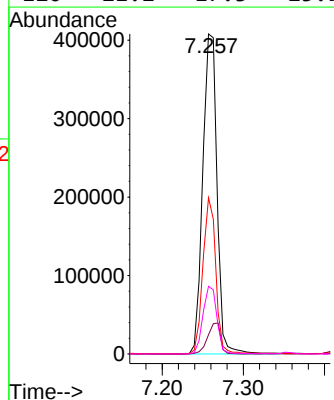
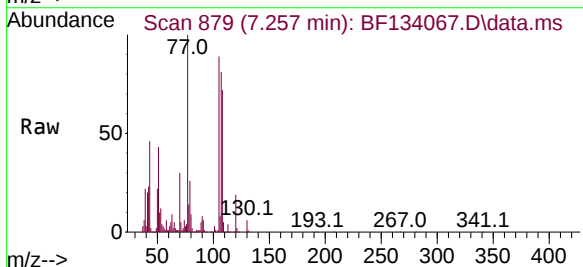
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.7	6.5	9.7
68	5.3	4.2	6.2

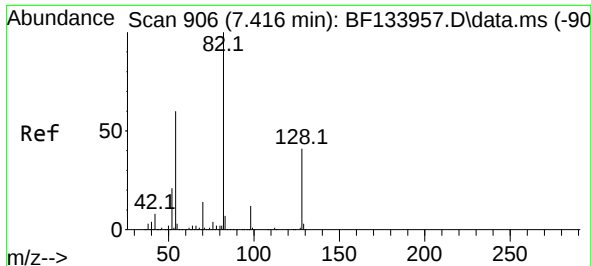


#22
Acetophenone
Concen: 55.938 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:105 Resp: 497650

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.5	8.3
51	48.8	36.5	54.7
120	21.2	17.3	25.9





#23

Nitrobenzene-d5

Concen: 91.134 ng

RT: 7.416 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

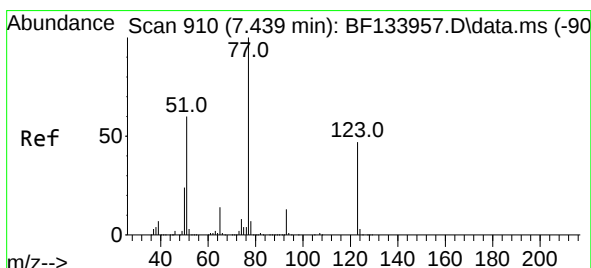
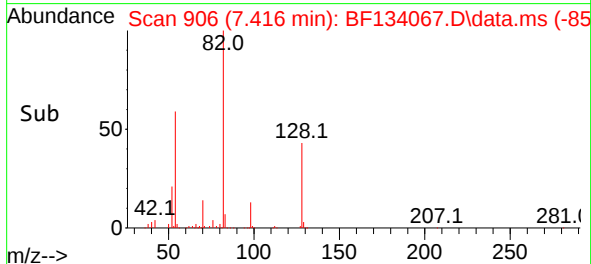
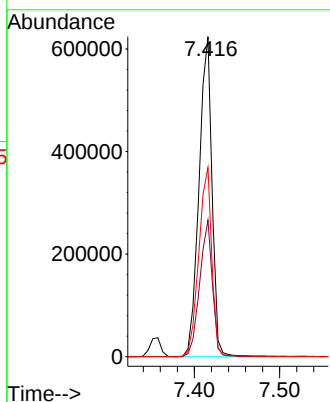
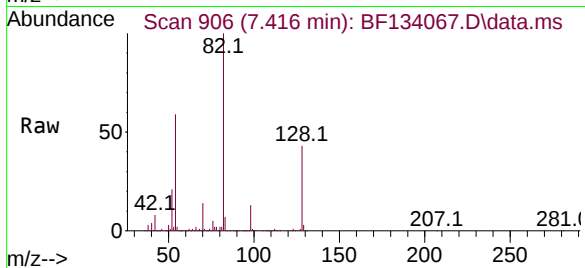
Tgt Ion: 82 Resp: 661343

Ion Ratio Lower Upper

82 100

128 42.6 32.5 48.7

54 59.1 48.2 72.2



#24

Nitrobenzene

Concen: 53.746 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

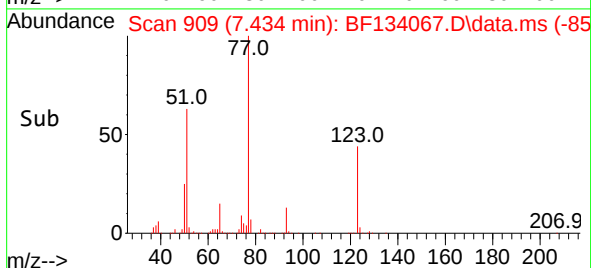
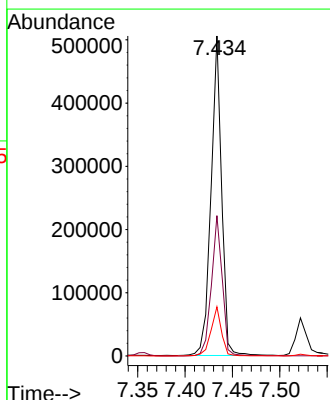
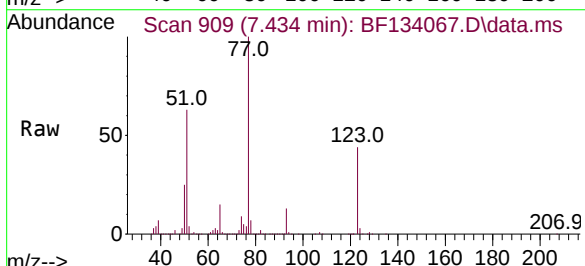
Tgt Ion: 77 Resp: 394134

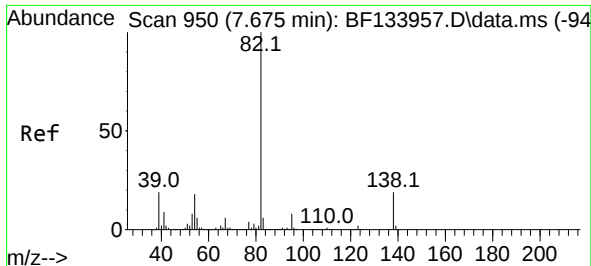
Ion Ratio Lower Upper

77 100

123 43.8 37.8 56.6

65 15.3 11.3 16.9

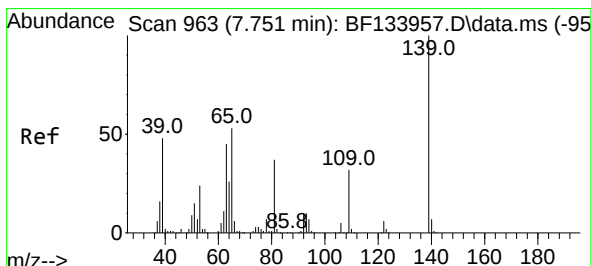
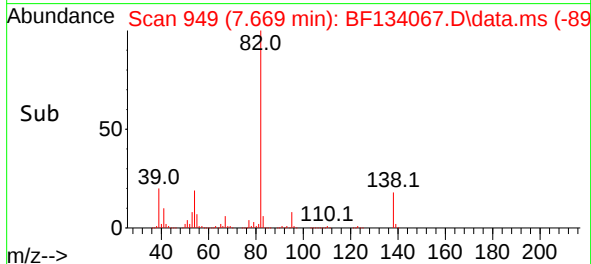
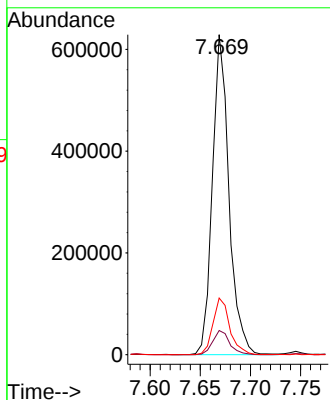
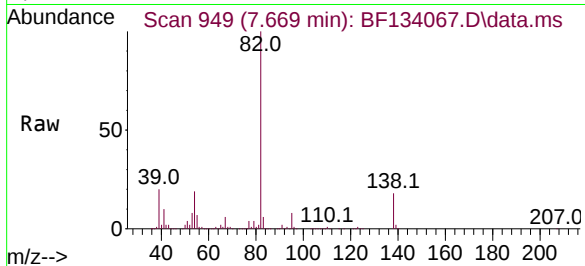




#25
Isophorone
Concen: 54.739 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

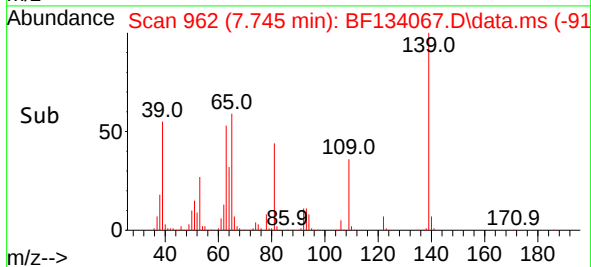
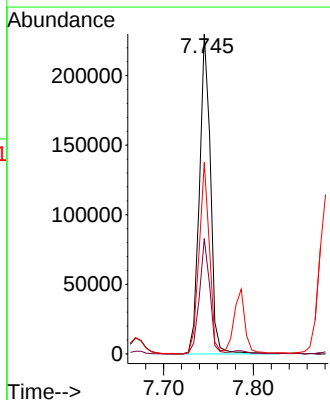
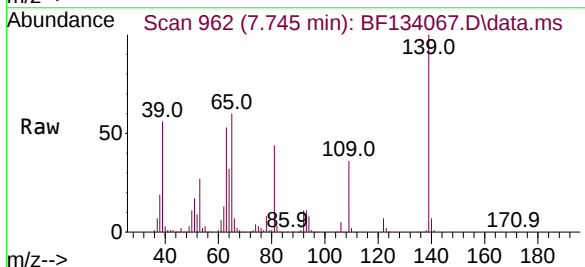
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion: 82 Resp: 721944
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.7 15.2 22.8



#26
2-Nitrophenol
Concen: 55.852 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion: 139 Resp: 196480
Ion Ratio Lower Upper
139 100
109 36.1 25.8 38.8
65 59.9 42.4 63.6

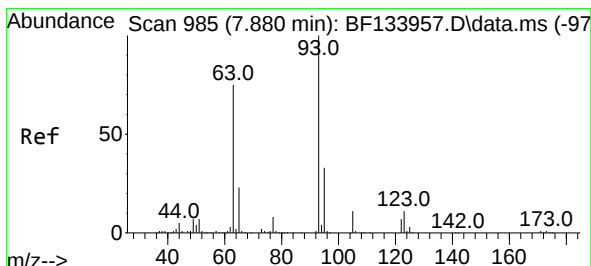
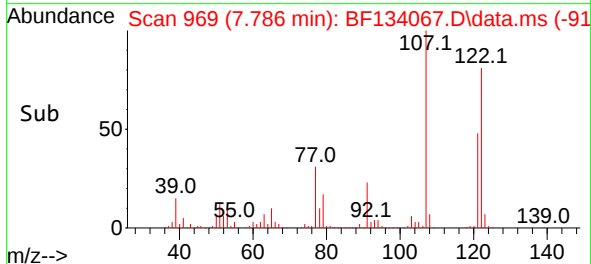
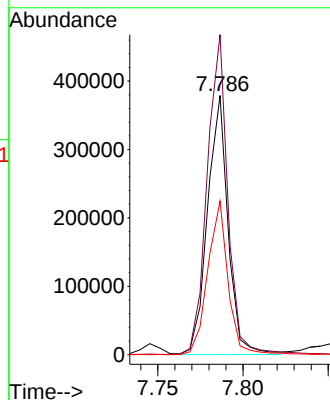
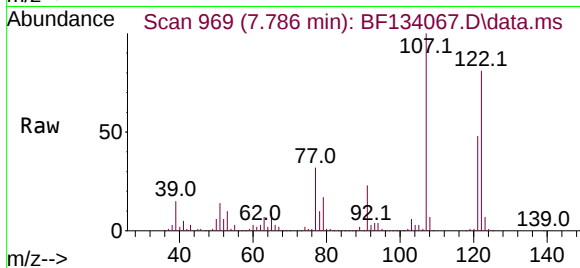




#27
2,4-Dimethylphenol
Concen: 57.096 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

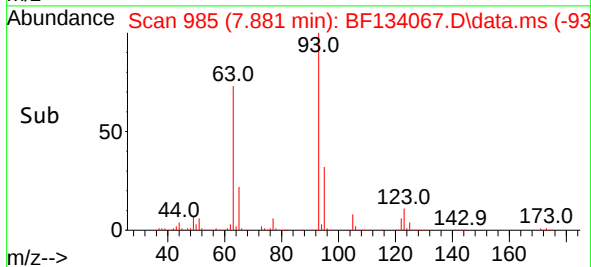
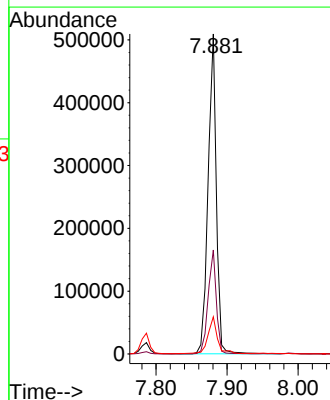
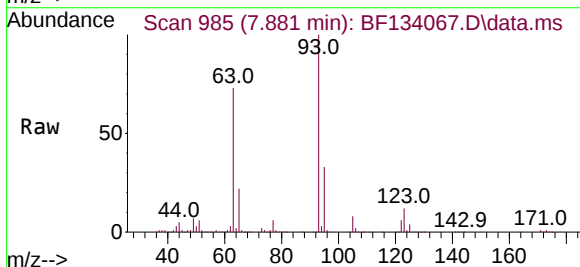
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

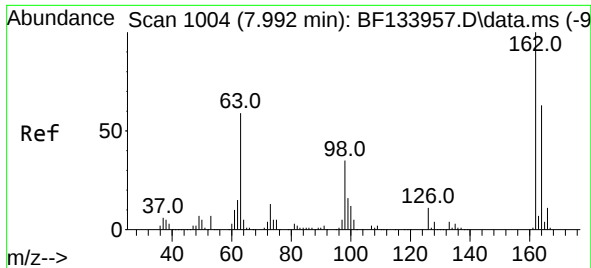
Tgt Ion:122 Resp: 317942
Ion Ratio Lower Upper
122 100
107 123.4 95.5 143.3
121 59.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 54.005 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion: 93 Resp: 412419
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 54.834 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

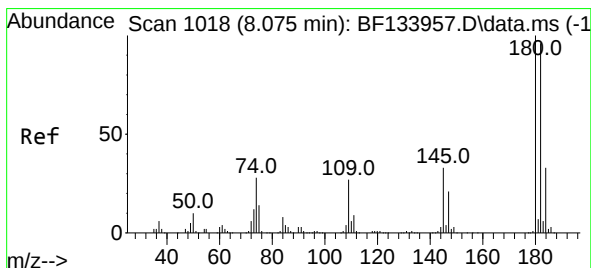
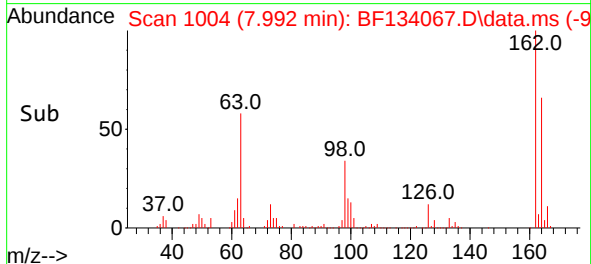
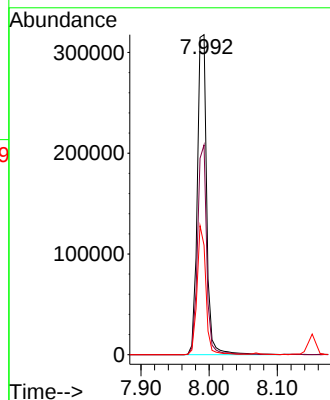
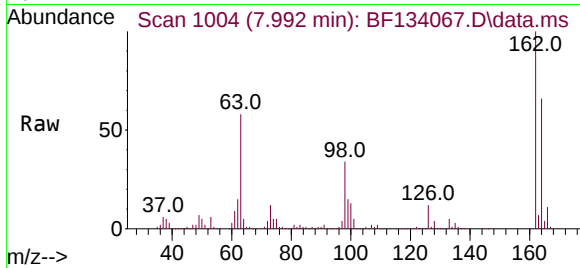
Tgt Ion:162 Resp: 302785

Ion Ratio Lower Upper

162 100

164 65.6 43.2 83.2

98 34.2 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 56.444 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

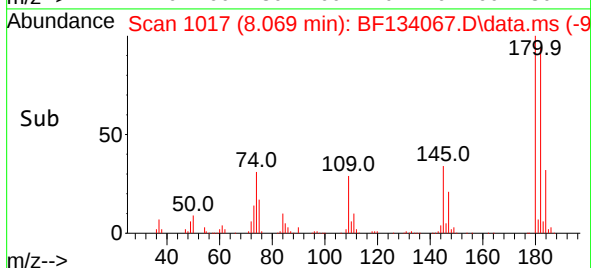
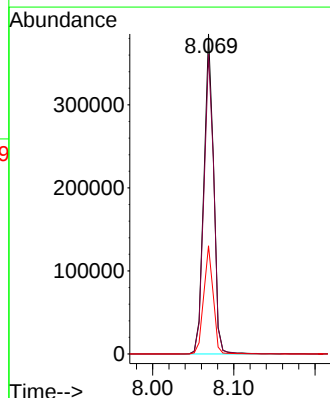
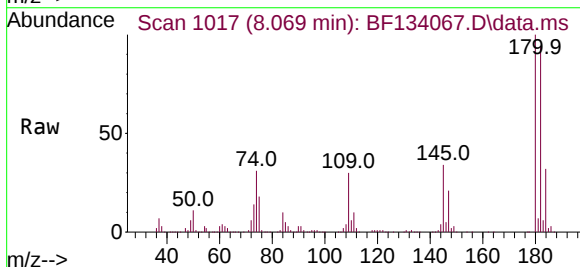
Tgt Ion:180 Resp: 321595

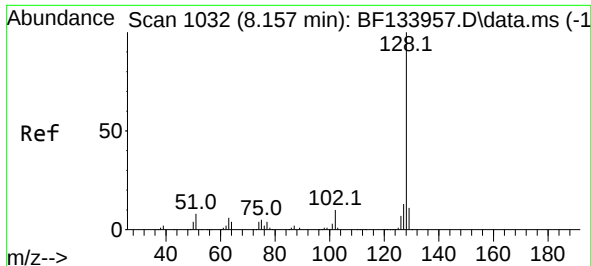
Ion Ratio Lower Upper

180 100

182 93.8 77.1 115.7

145 33.8 26.0 39.0

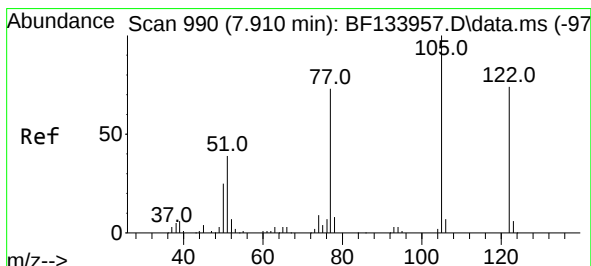
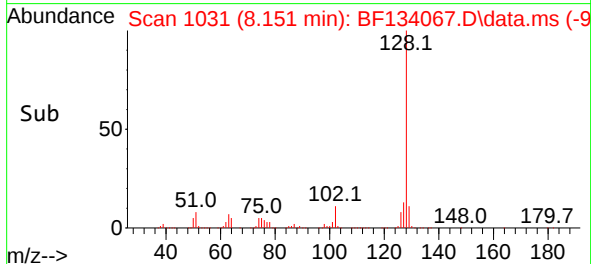
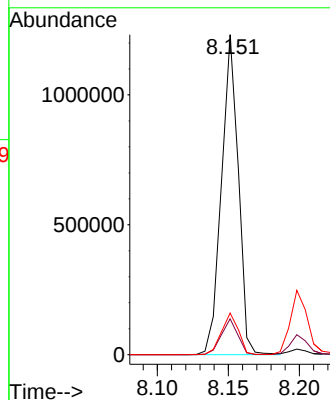
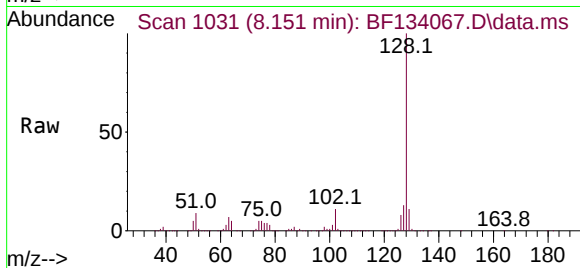




#31
Naphthalene
Concen: 53.590 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

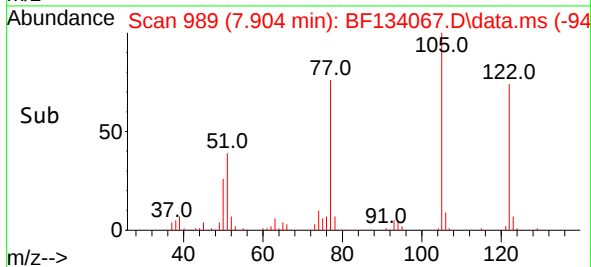
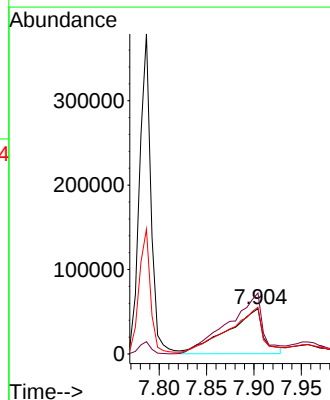
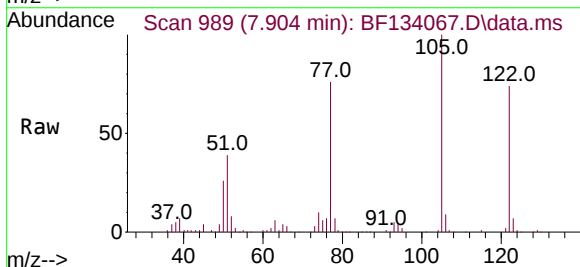
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

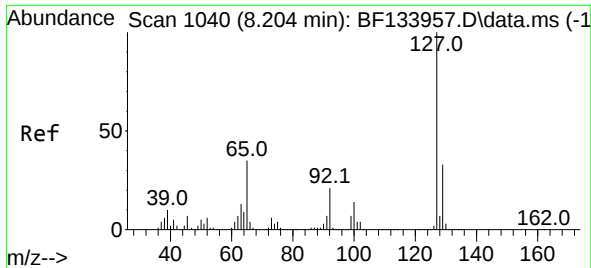
Tgt Ion:128 Resp: 1012598
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 34.176 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:122 Resp: 142606
Ion Ratio Lower Upper
122 100
105 134.7 109.7 149.7
77 103.0 76.0 116.0

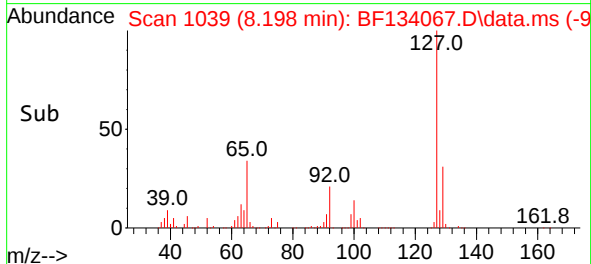
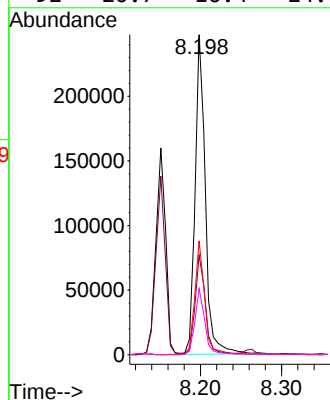
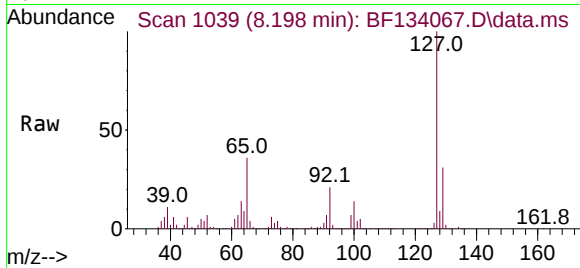




#33
4-Chloroaniline
Concen: 26.961 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

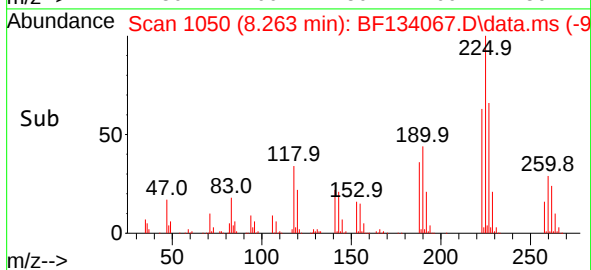
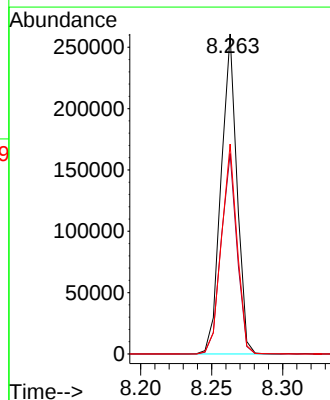
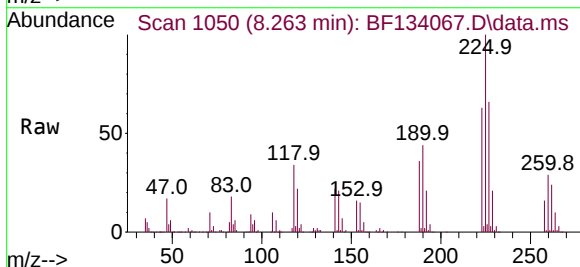
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

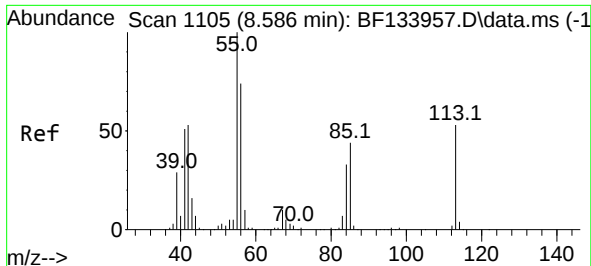
Tgt Ion:	127	Resp:	217920
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.4	39.6
65	35.5	27.8	41.8
92	20.7	16.4	24.6



#34
Hexachlorobutadiene
Concen: 56.192 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:	225	Resp:	201960
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.8
227	65.6	51.0	76.4





#35

Caprolactam

Concen: 42.685 ng

RT: 8.586 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

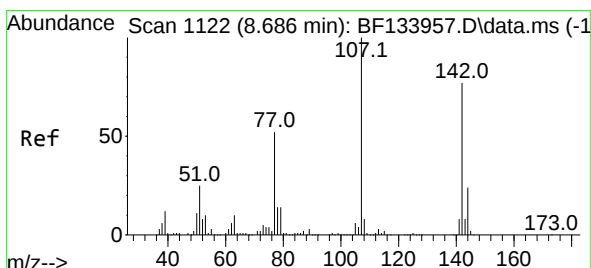
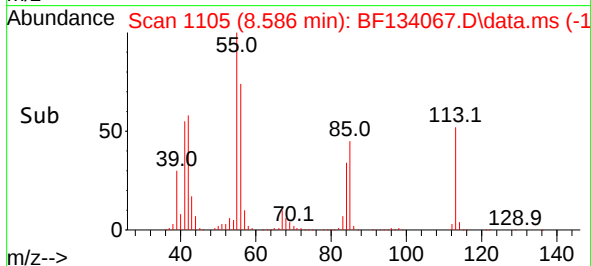
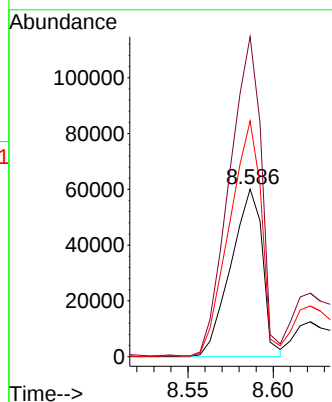
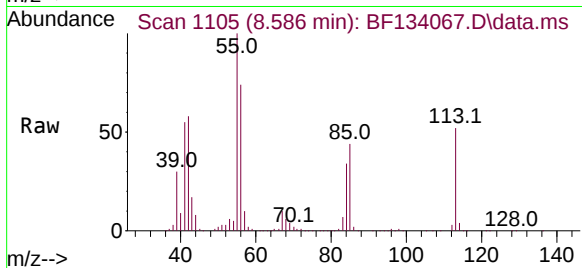
Tgt Ion:113 Resp: 77607

Ion Ratio Lower Upper

113 100

55 191.1 170.2 210.2

56 140.7 121.4 161.4



#36

4-Chloro-3-methylphenol

Concen: 55.753 ng

RT: 8.686 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

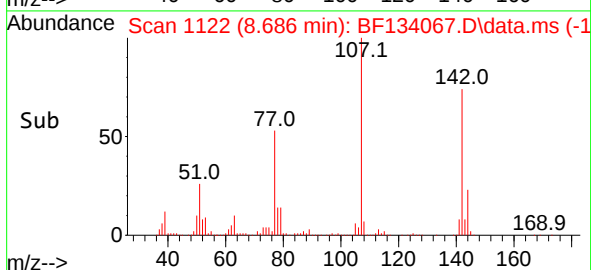
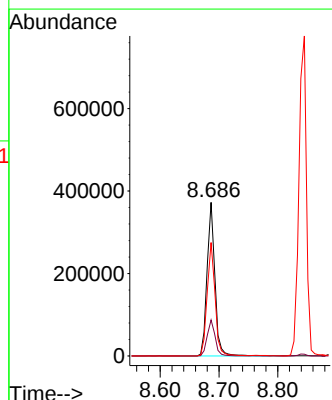
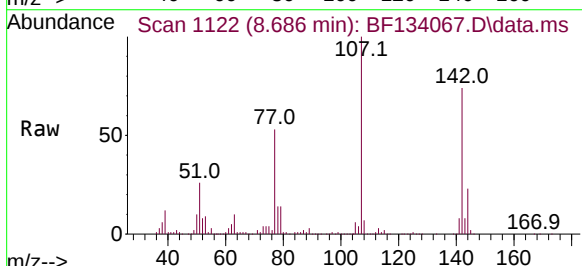
Tgt Ion:107 Resp: 345848

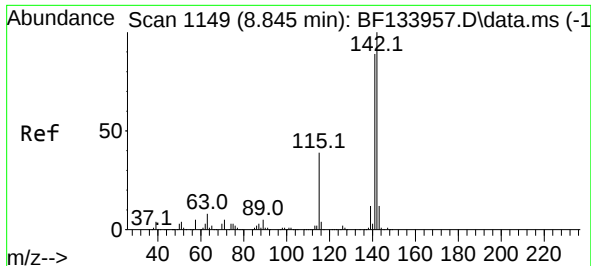
Ion Ratio Lower Upper

107 100

144 23.5 19.6 29.4

142 73.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 51.438 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

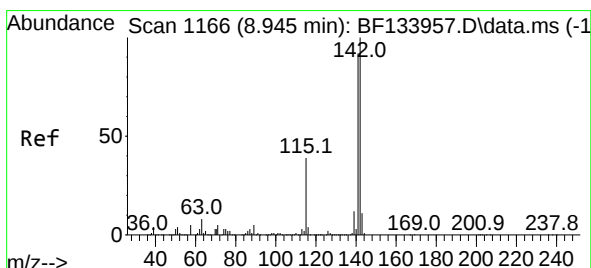
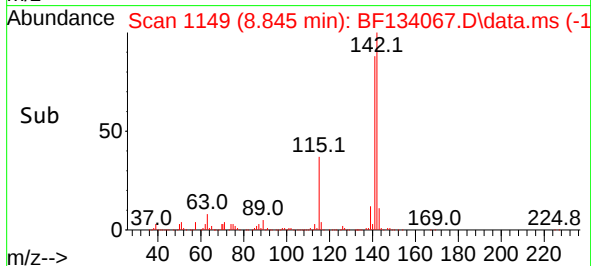
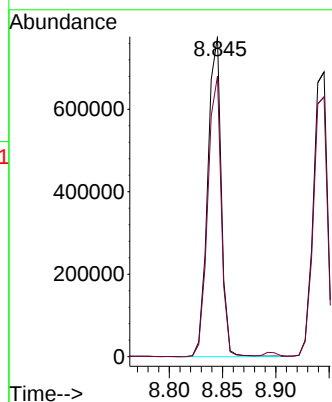
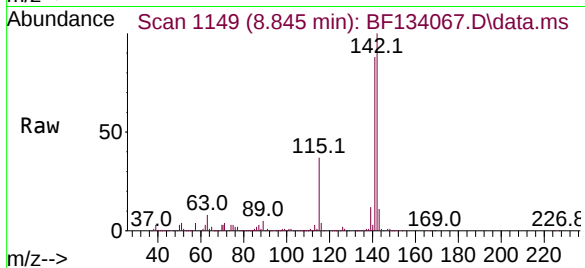
VNJ-232MS

Tgt Ion:142 Resp: 687313

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4



#38

1-Methylnaphthalene

Concen: 51.271 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF134067.D

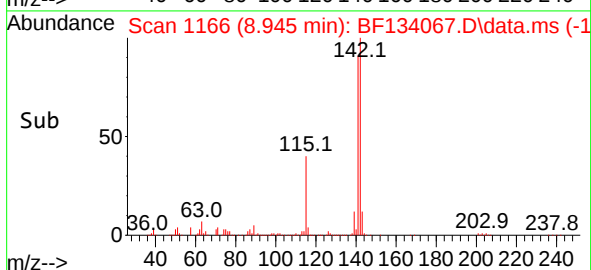
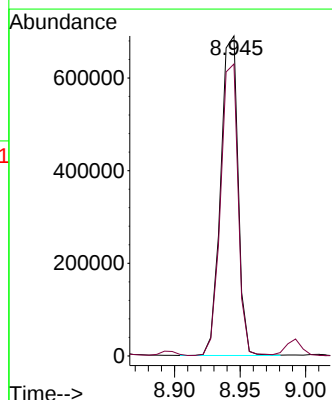
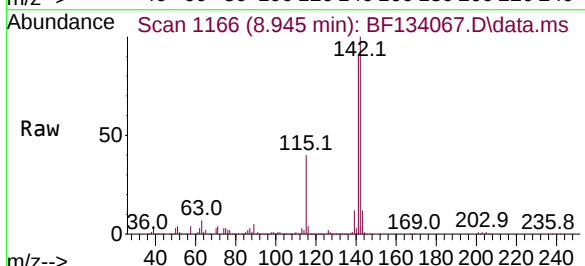
Acq: 30 Jun 2023 23:43

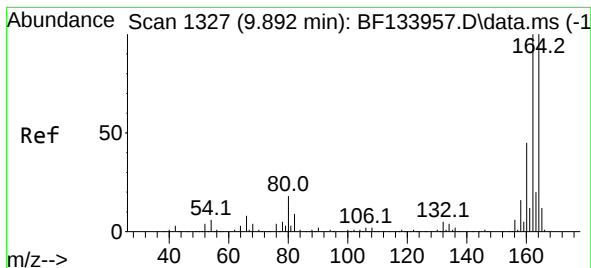
Tgt Ion:142 Resp: 636879

Ion Ratio Lower Upper

142 100

141 91.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

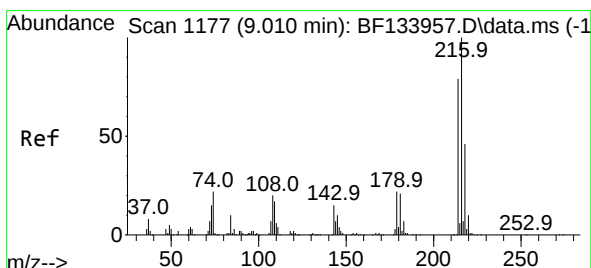
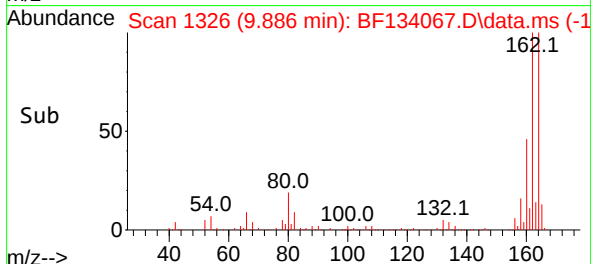
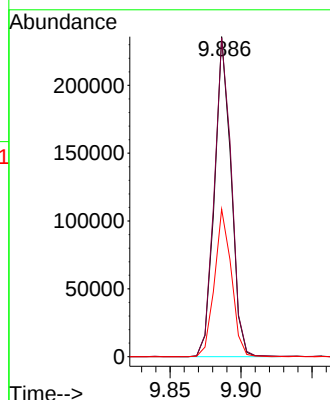
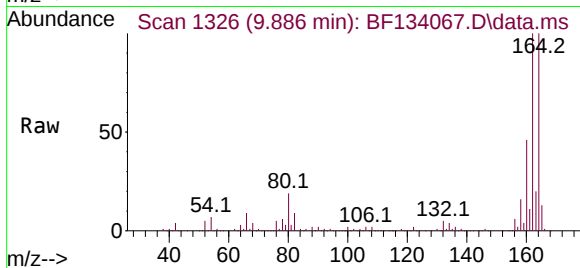
Tgt Ion:164 Resp: 191710

Ion Ratio Lower Upper

164 100

162 99.6 80.0 120.0

160 46.1 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.939 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Tgt Ion:216 Resp: 323395

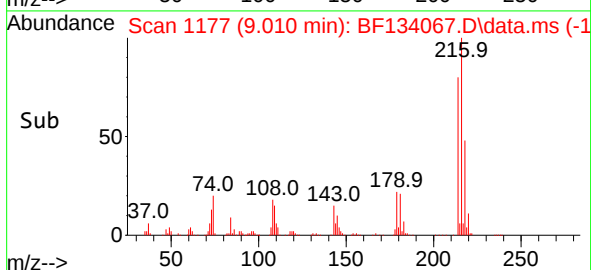
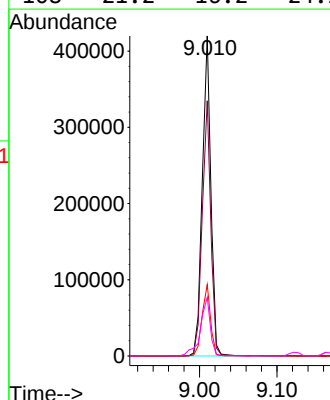
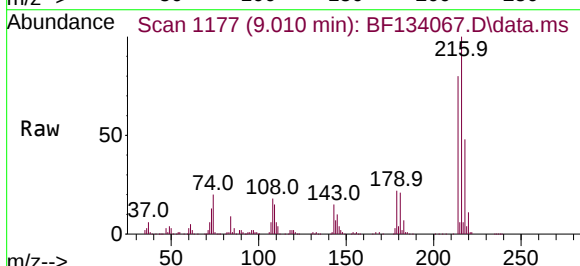
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 22.1 17.3 25.9

108 21.2 16.2 24.2

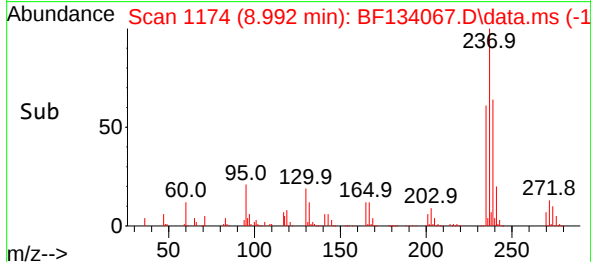
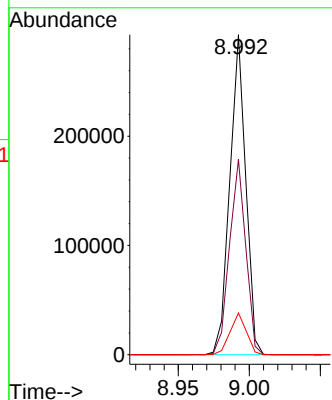
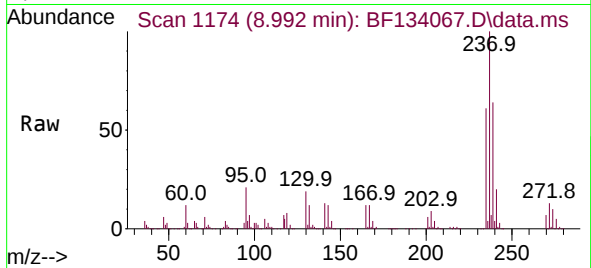




#41
Hexachlorocyclopentadiene
Concen: 85.001 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

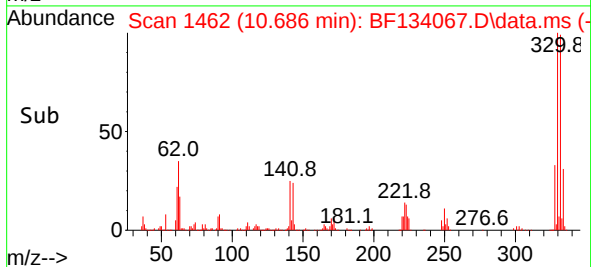
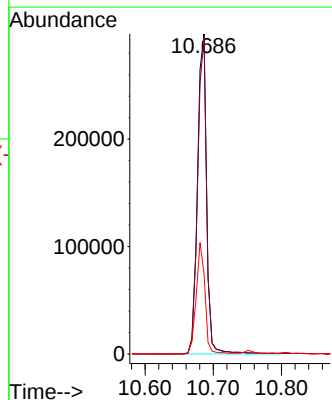
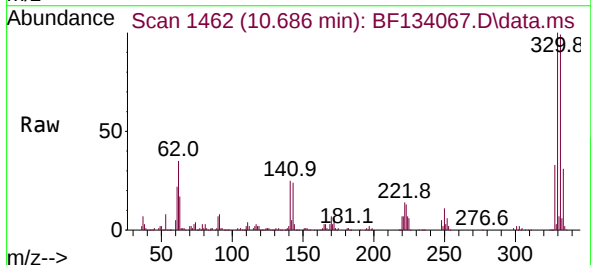
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

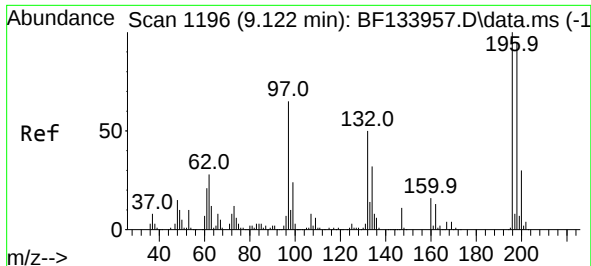
Tgt Ion:237 Resp: 229040
Ion Ratio Lower Upper
237 100
235 61.1 42.8 82.8
272 13.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 114.655 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:330 Resp: 275591
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 33.6 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 57.160 ng

RT: 9.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

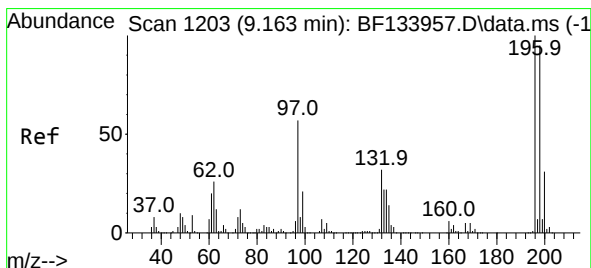
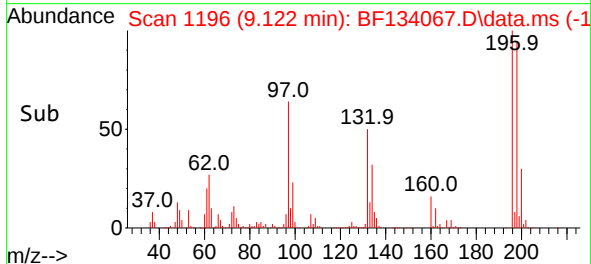
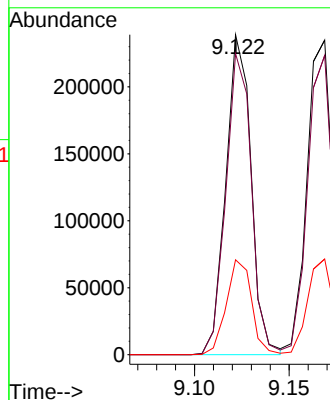
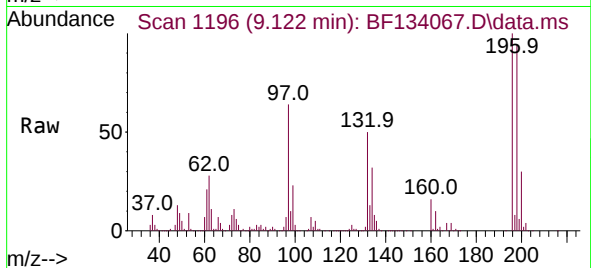
Tgt Ion:196 Resp: 221005

Ion Ratio Lower Upper

196 100

198 94.1 75.6 113.4

200 29.6 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 51.215 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Tgt Ion:196 Resp: 232927

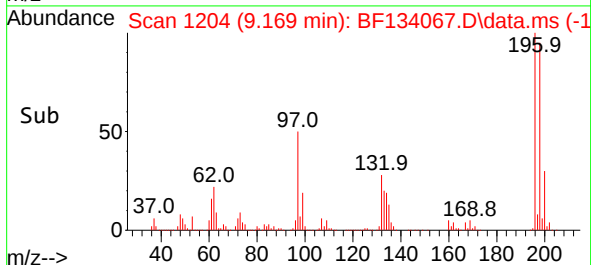
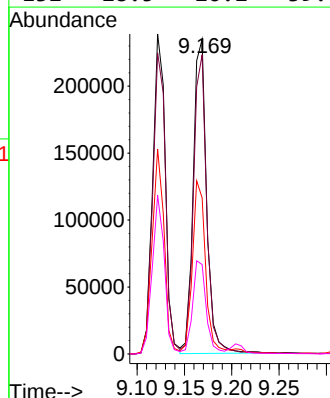
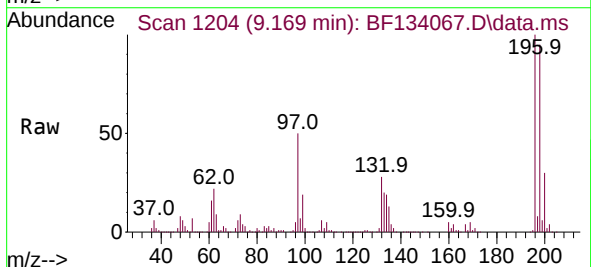
Ion Ratio Lower Upper

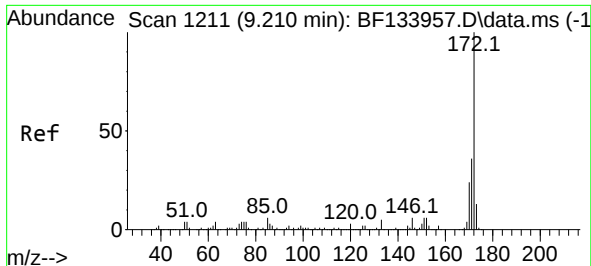
196 100

198 95.1 75.7 113.5

97 49.7 45.8 68.6

132 28.5 26.2 39.4

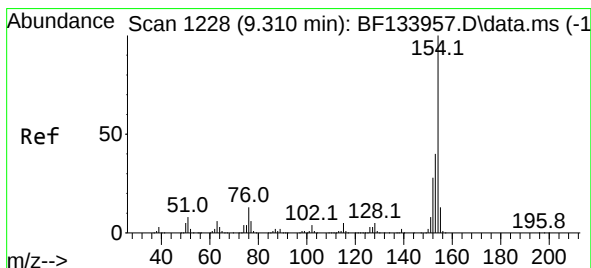
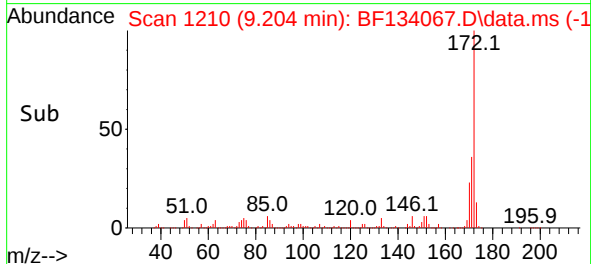
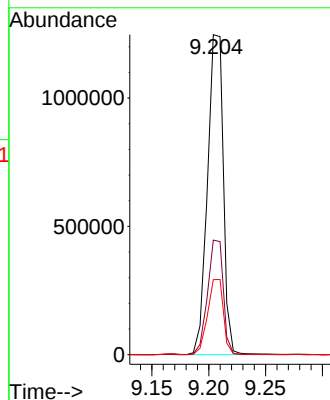
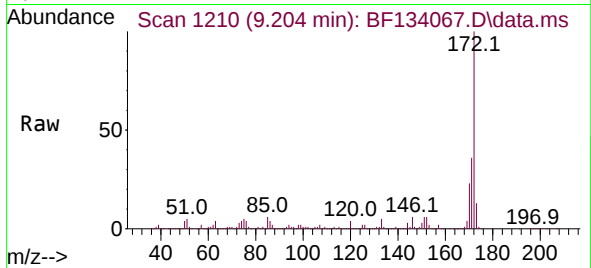




#45
2-Fluorobiphenyl
Concen: 91.656 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

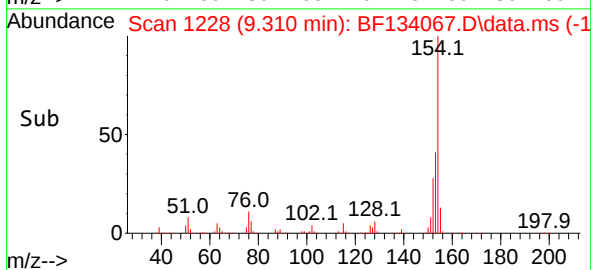
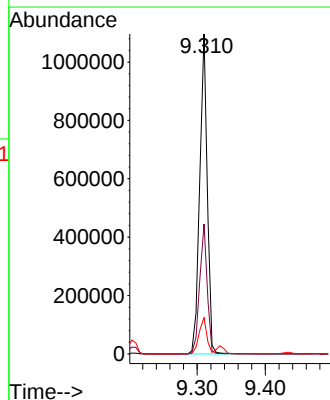
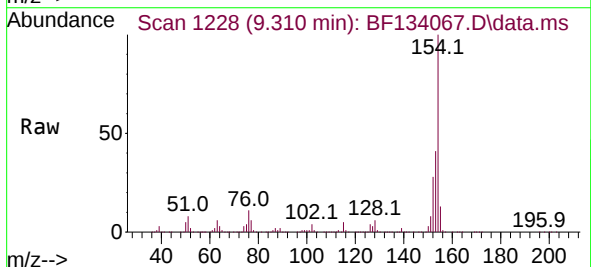
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

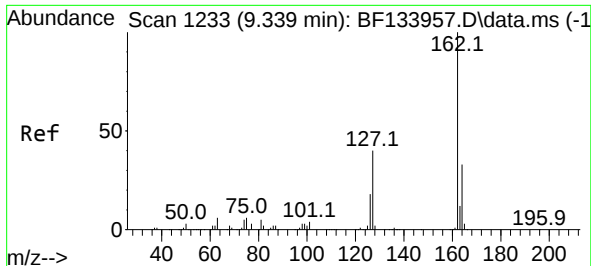
Tgt Ion:172 Resp: 1208574
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 19.4 29.0



#46
1,1'-Biphenyl
Concen: 54.995 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:154 Resp: 845734
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 11.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 56.172 ng

RT: 9.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

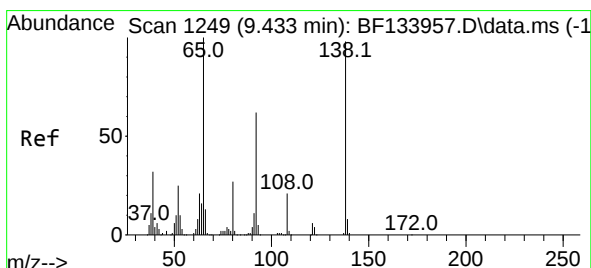
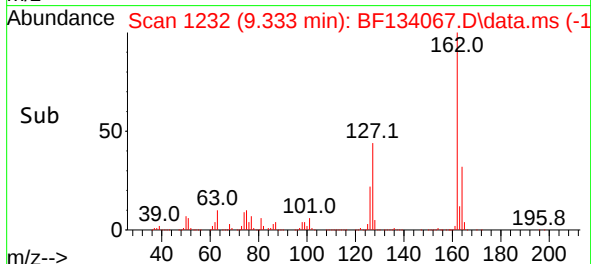
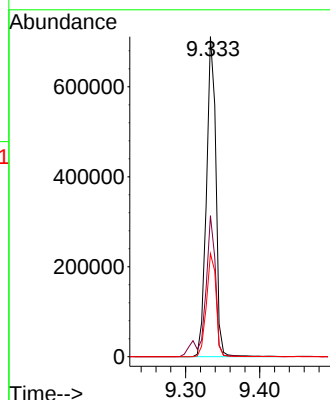
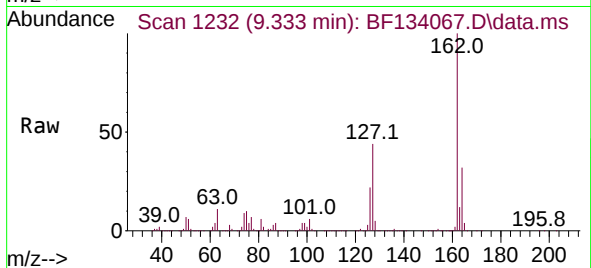
Tgt Ion:162 Resp: 632037

Ion Ratio Lower Upper

162 100

127 44.0 32.9 49.3

164 32.2 26.1 39.1



#48

2-Nitroaniline

Concen: 54.158 ng

RT: 9.433 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

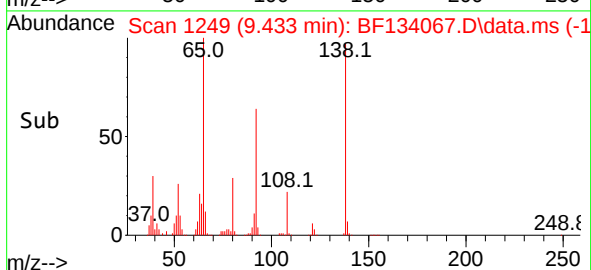
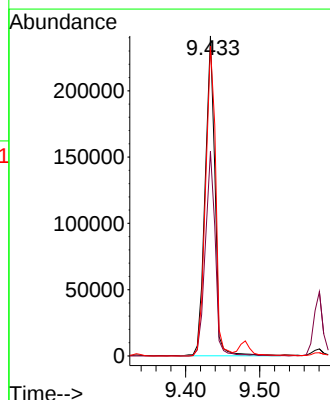
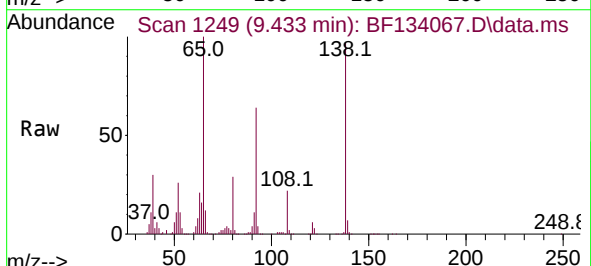
Tgt Ion: 65 Resp: 222086

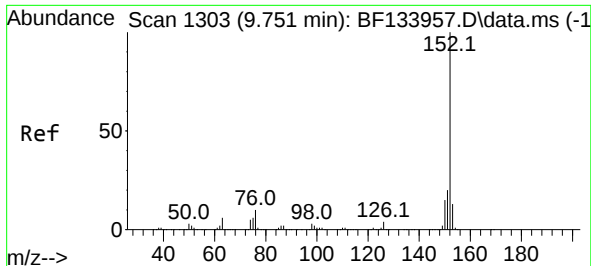
Ion Ratio Lower Upper

65 100

92 63.9 49.5 74.3

138 96.8 78.0 117.0





#49

Acenaphthylene

Concen: 54.424 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

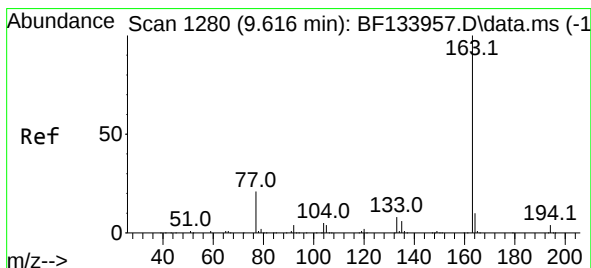
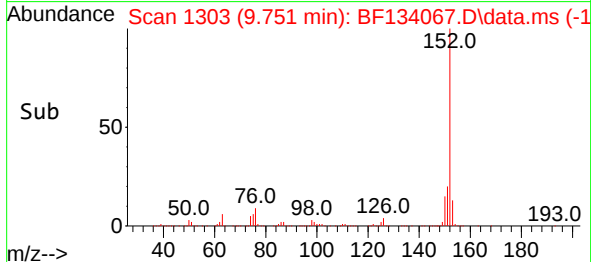
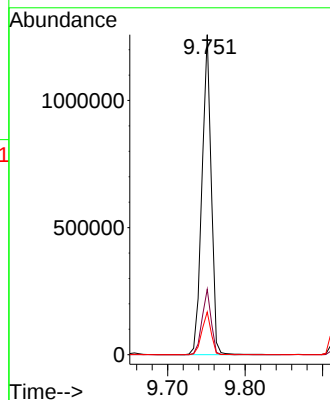
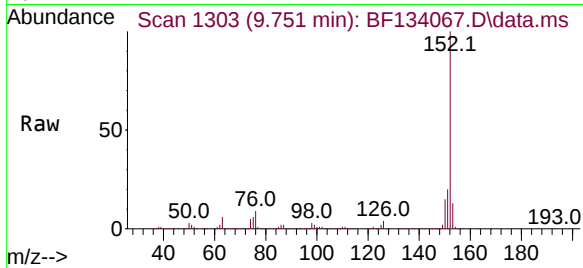
Tgt Ion:152 Resp: 1046076

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 55.513 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

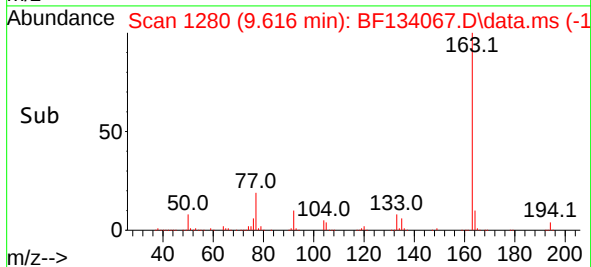
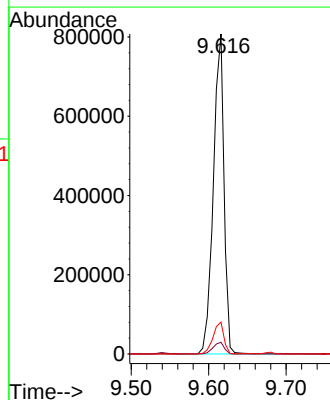
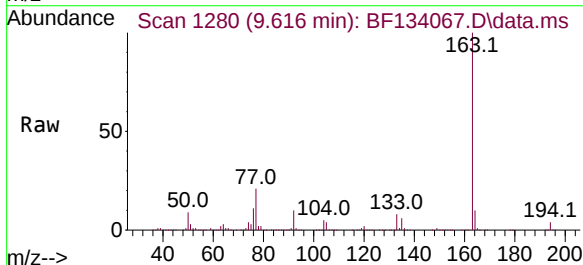
Tgt Ion:163 Resp: 772536

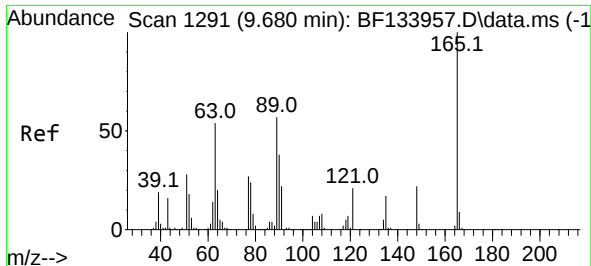
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.2 12.2

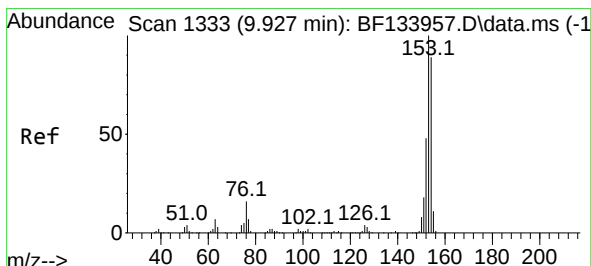
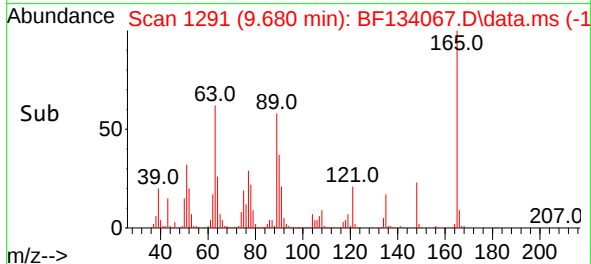
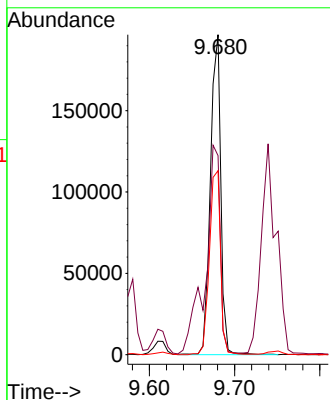
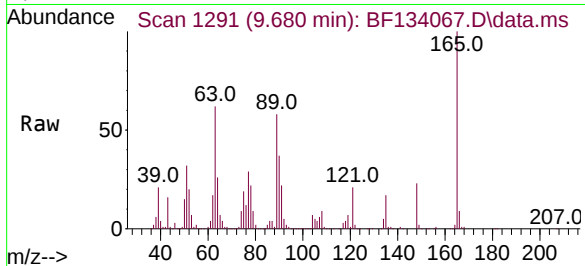




#51
2,6-Dinitrotoluene
Concen: 55.530 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

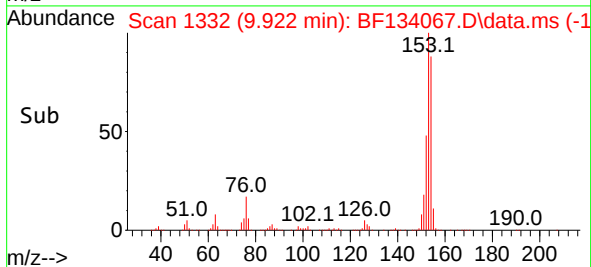
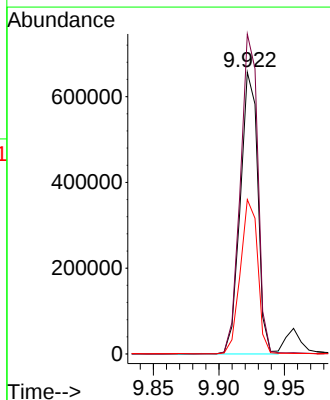
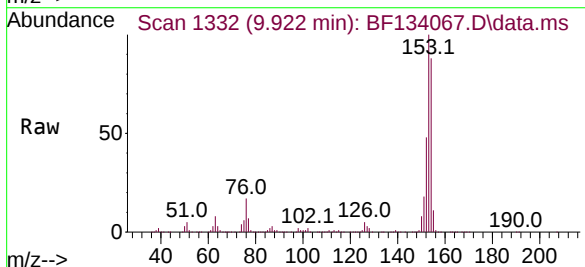
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

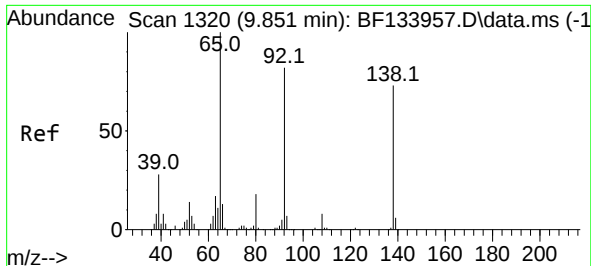
Tgt Ion:165 Resp: 166441
Ion Ratio Lower Upper
165 100
63 62.2 48.5 72.7
89 57.5 45.5 68.3



#52
Acenaphthene
Concen: 54.953 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:154 Resp: 612893
Ion Ratio Lower Upper
154 100
153 113.5 89.4 134.2
152 54.8 42.8 64.2

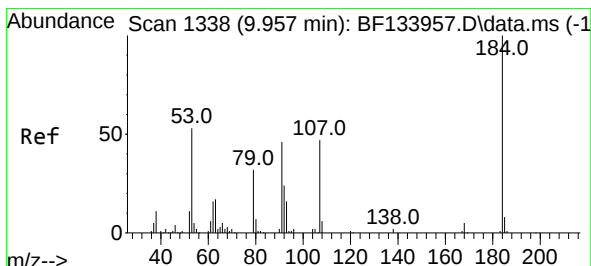
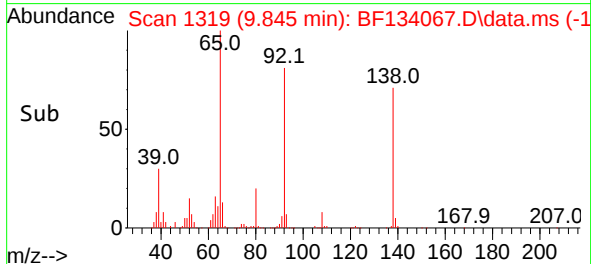
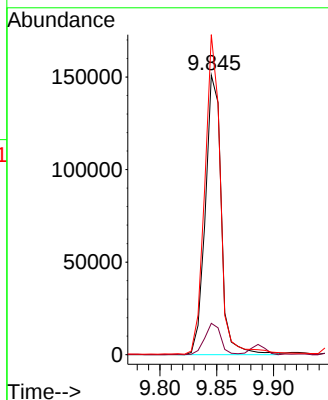
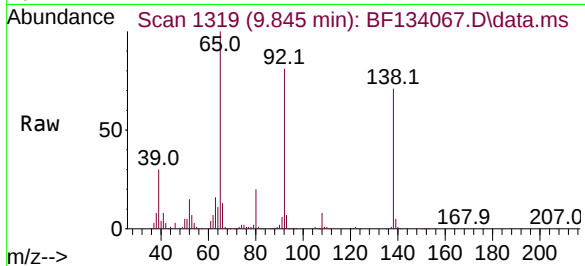




#53
3-Nitroaniline
Concen: 40.915 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

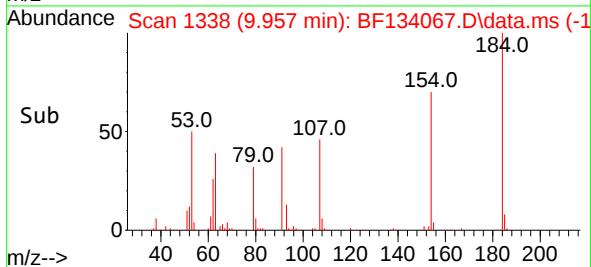
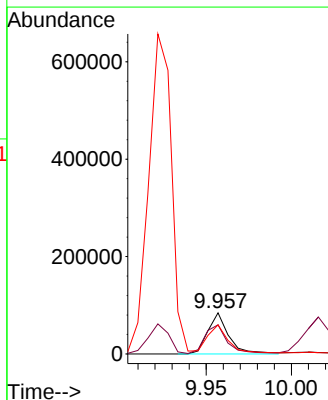
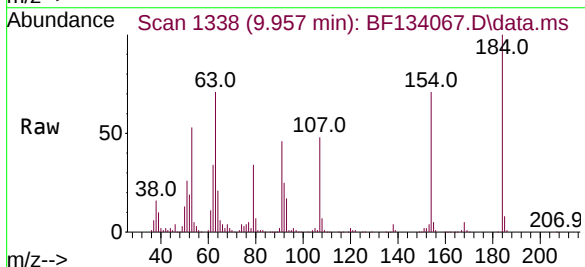
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

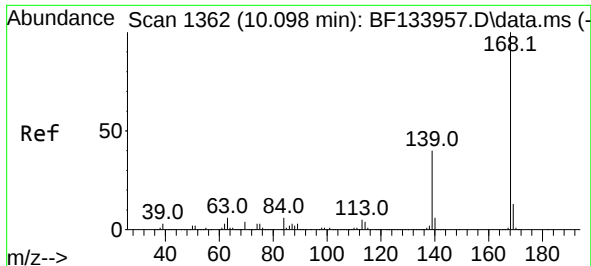
Tgt Ion:138 Resp: 147123
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 114.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 43.680 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:184 Resp: 72419
Ion Ratio Lower Upper
184 100
63 71.0 56.9 85.3
154 70.7 55.4 83.0

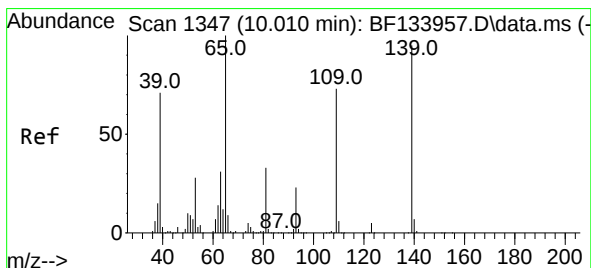
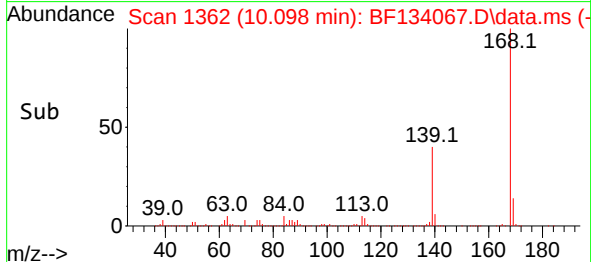
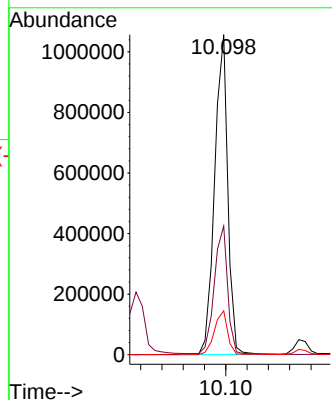
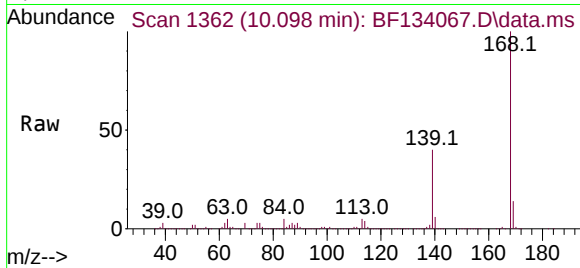




#55
Dibenzofuran
Concen: 52.054 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

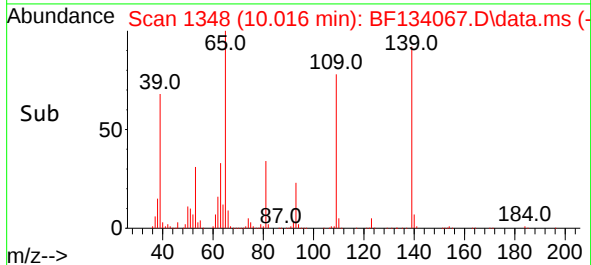
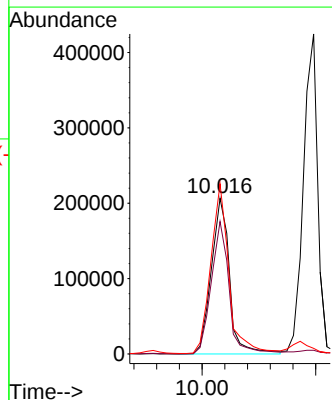
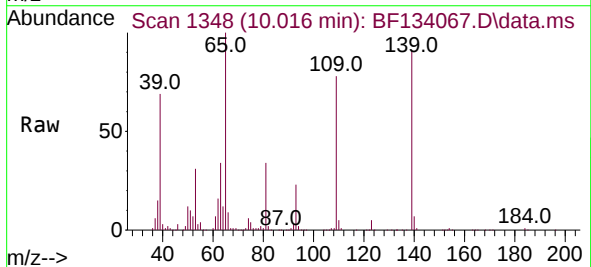
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

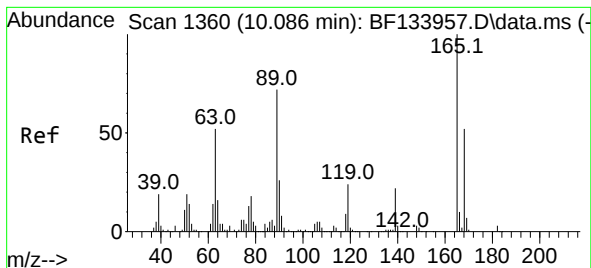
Tgt Ion:168 Resp: 907326
Ion Ratio Lower Upper
168 100
139 40.2 32.0 48.0
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 91.384 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:139 Resp: 229850
Ion Ratio Lower Upper
139 100
109 85.1 56.8 96.8
65 109.3 86.1 126.1

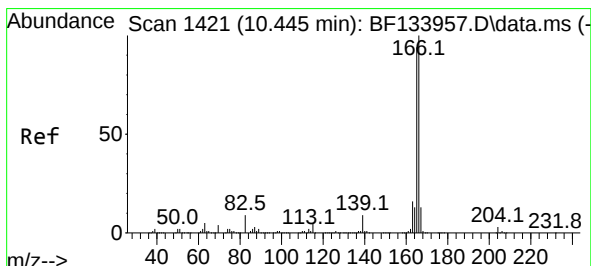
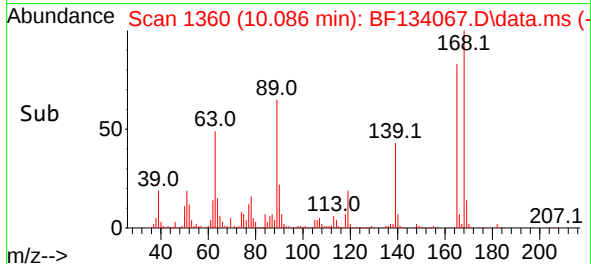
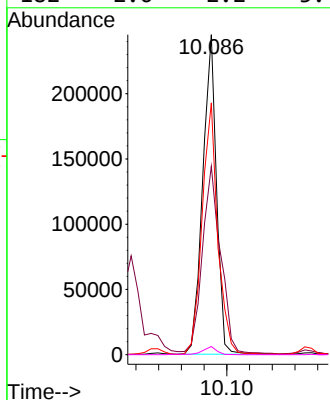
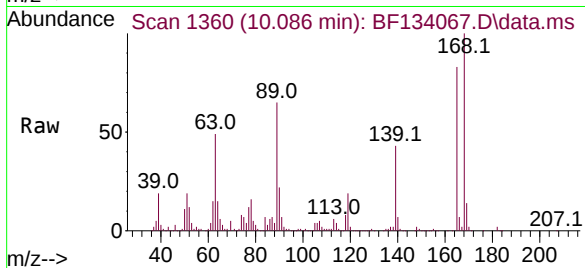




#57
2,4-Dinitrotoluene
Concen: 52.302 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

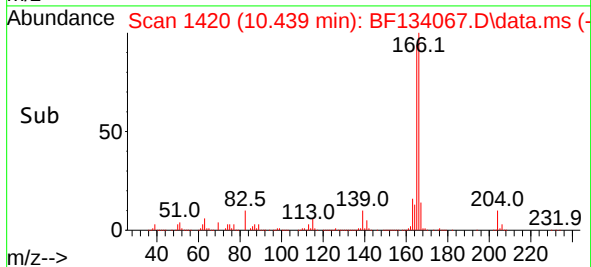
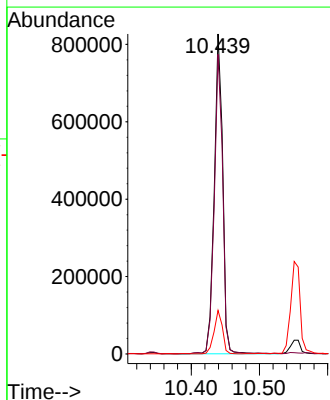
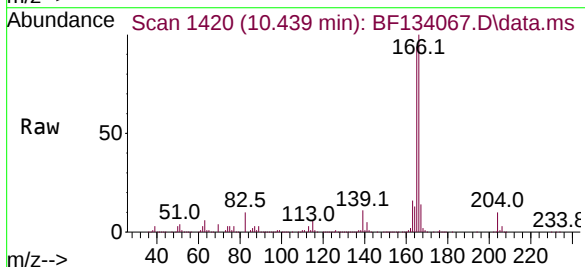
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

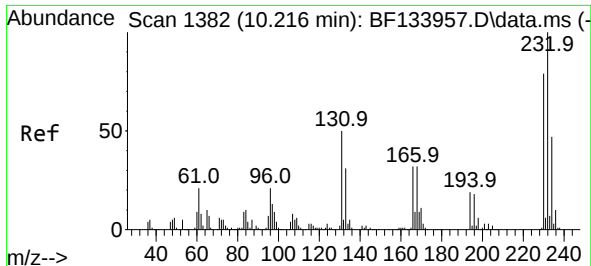
Tgt Ion:165 Resp: 207031
Ion Ratio Lower Upper
165 100
63 58.9 42.2 63.2
89 78.7 57.4 86.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 52.662 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:166 Resp: 714133
Ion Ratio Lower Upper
166 100
165 93.7 75.0 112.4
167 13.6 10.6 15.8

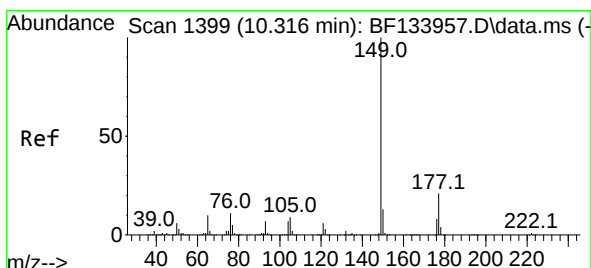
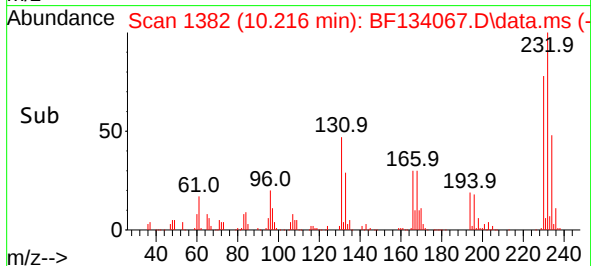
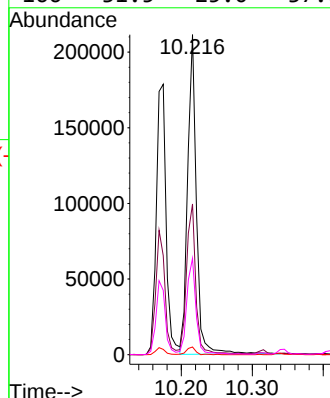
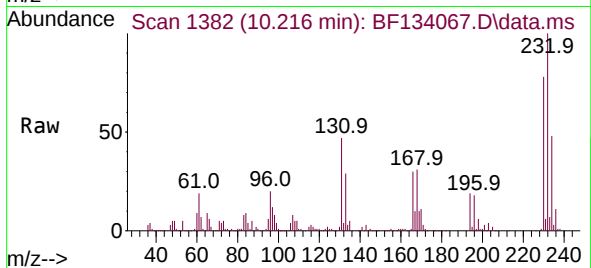




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.459 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

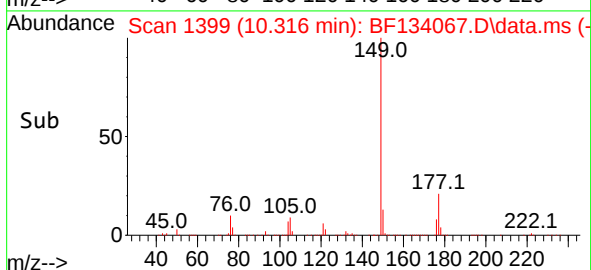
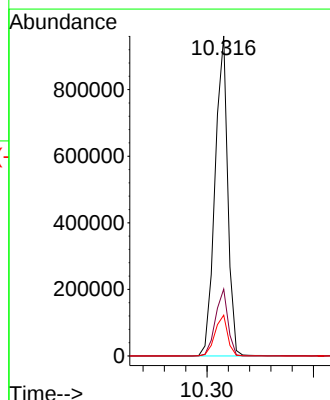
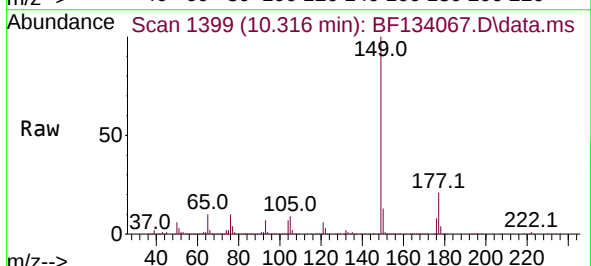
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

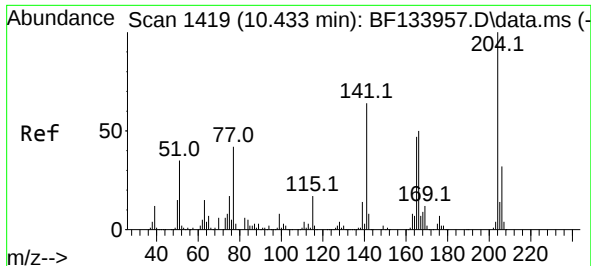
Tgt Ion:232 Resp: 181018
Ion Ratio Lower Upper
232 100
131 49.0 39.3 58.9
130 2.5 1.8 2.6
166 31.5 25.0 37.6



#60
Diethylphthalate
Concen: 54.964 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:149 Resp: 796900
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.8 10.2 15.2

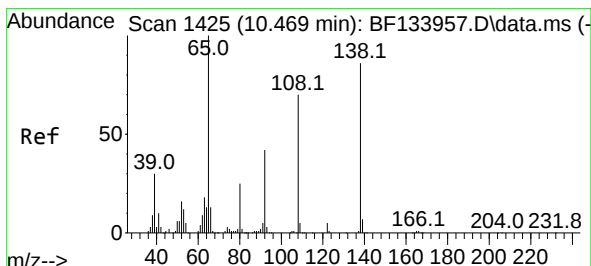
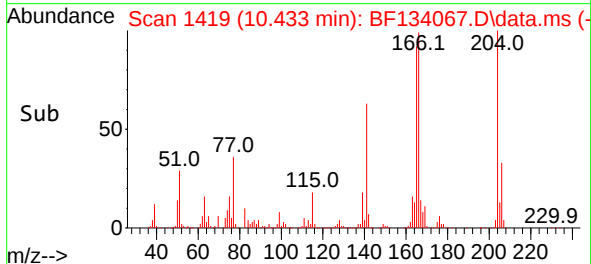
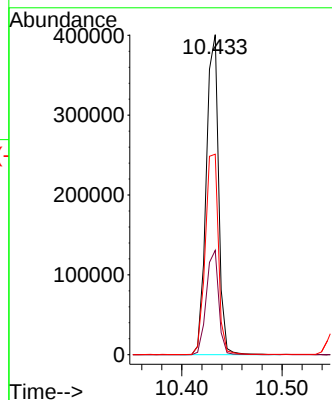
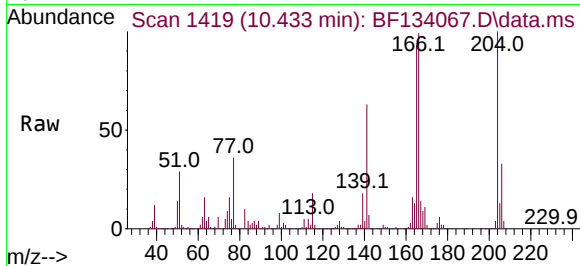




#61
4-Chlorophenyl-phenylether
Concen: 52.984 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

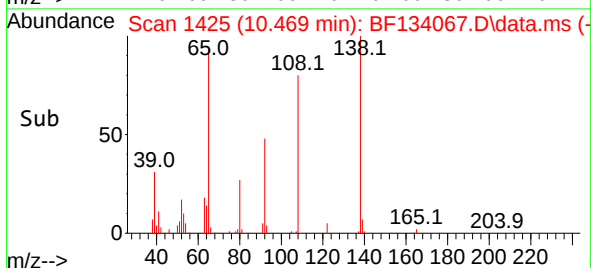
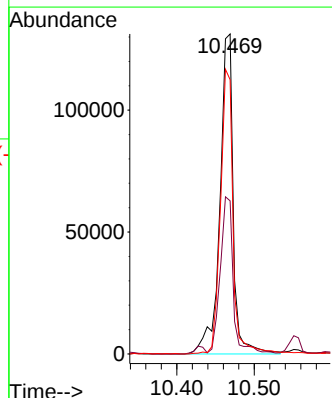
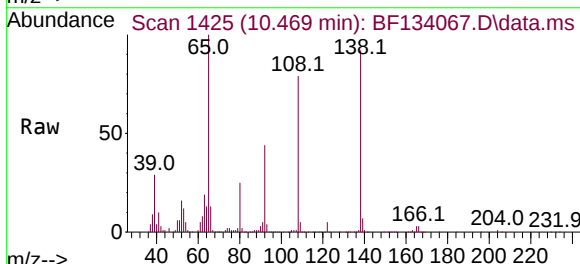
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

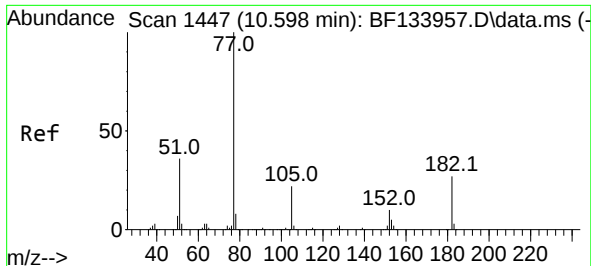
Tgt Ion:204 Resp: 346252
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 62.6 51.5 77.3



#62
4-Nitroaniline
Concen: 43.571 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:138 Resp: 157893
Ion Ratio Lower Upper
138 100
92 47.8 29.7 69.7
108 85.7 62.1 102.1

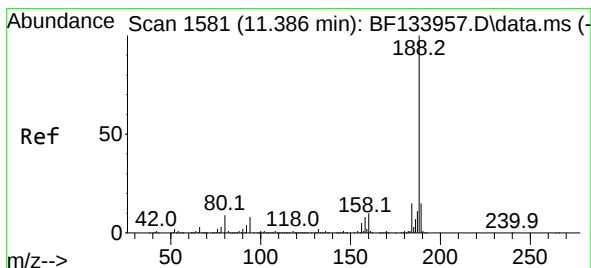
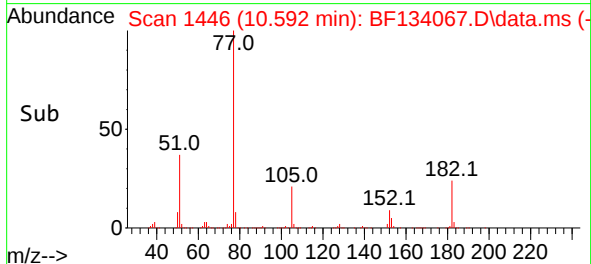
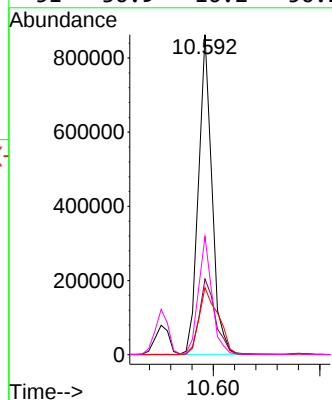
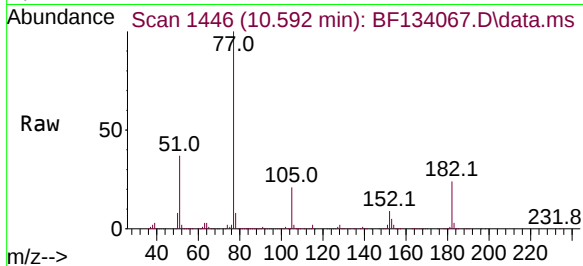




#63
Azobenzene
Concen: 55.525 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

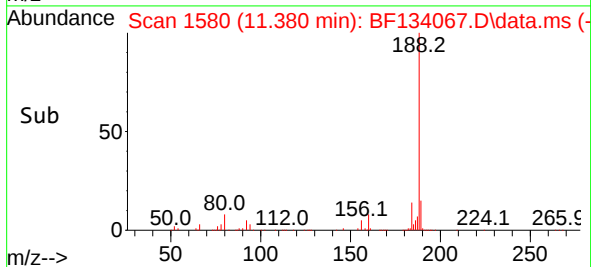
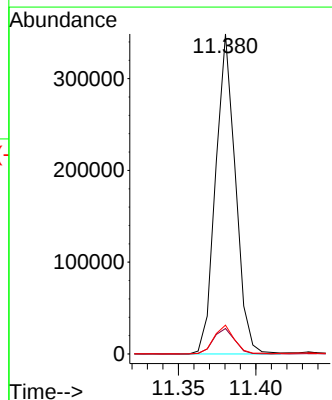
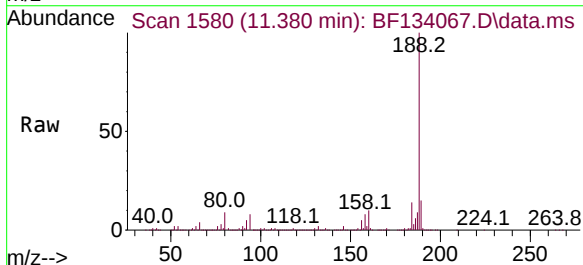
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

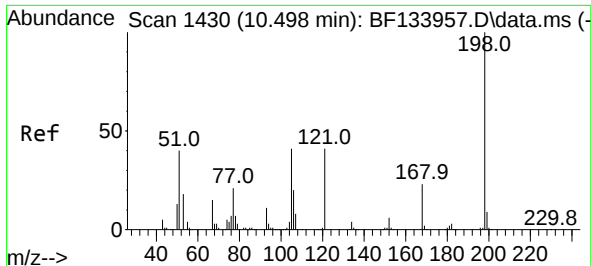
Tgt Ion: 77	Resp: 761502
Ion Ratio	Lower Upper
77 100	
182 23.6	6.8 46.8
105 21.0	2.3 42.3
51 36.9	16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:188	Resp: 310331
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 9.0	7.3 10.9

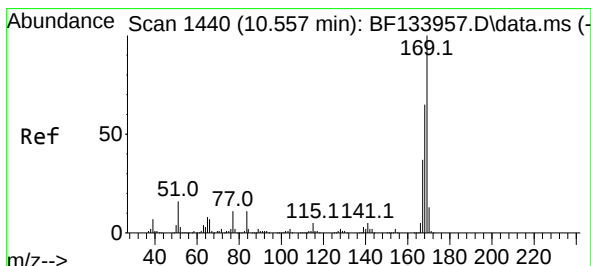
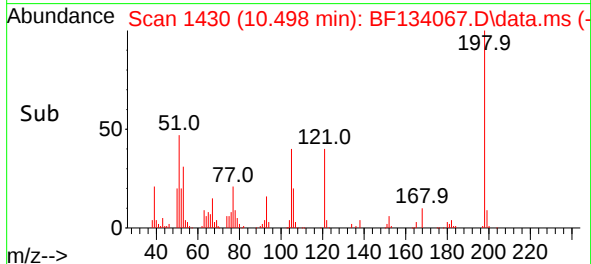
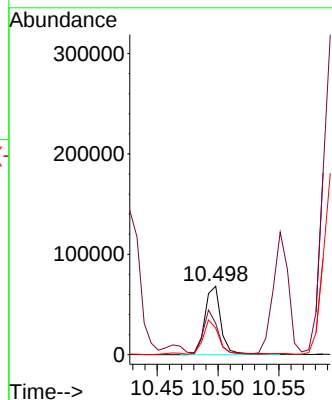
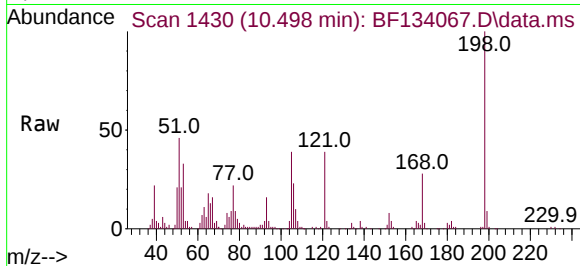




#65
4,6-Dinitro-2-methylphenol
Concen: 36.839 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

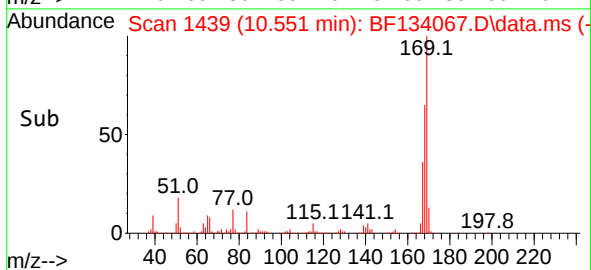
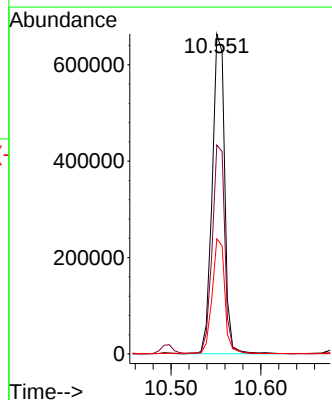
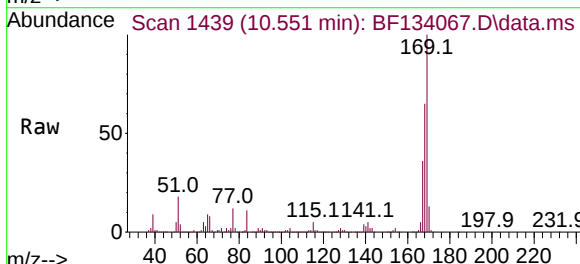
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

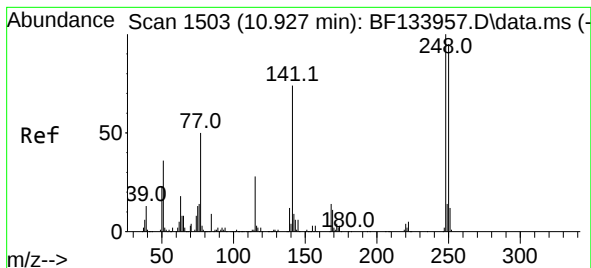
Tgt Ion:198 Resp: 62328
Ion Ratio Lower Upper
198 100
51 45.9 29.3 69.3
105 38.8 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 64.283 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:169 Resp: 637374
Ion Ratio Lower Upper
169 100
168 65.3 52.3 78.5
167 36.0 29.4 44.0

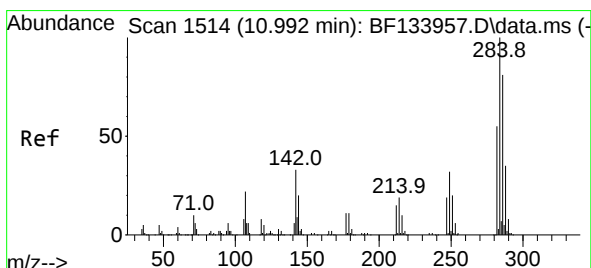
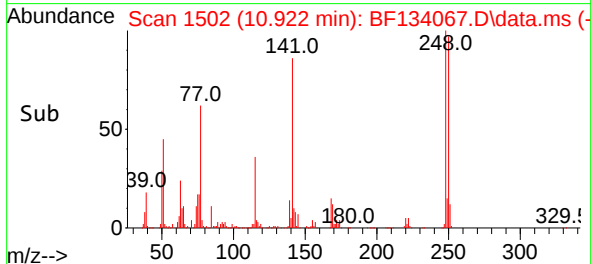
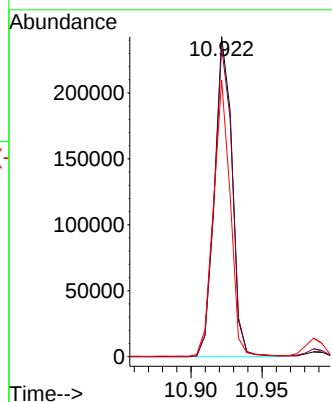
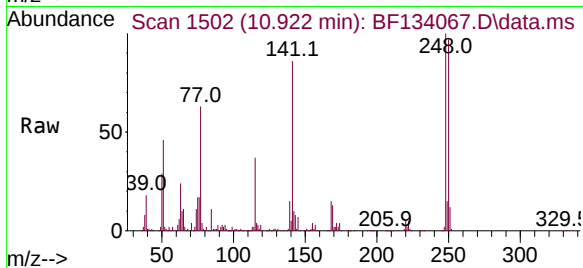




#67
4-Bromophenyl-phenylether
Concen: 63.292 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

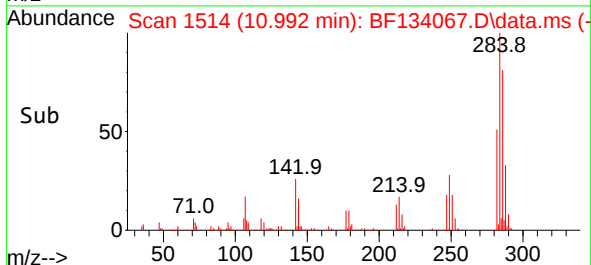
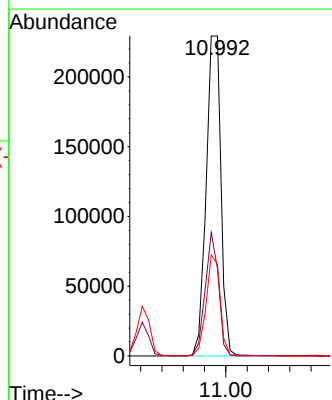
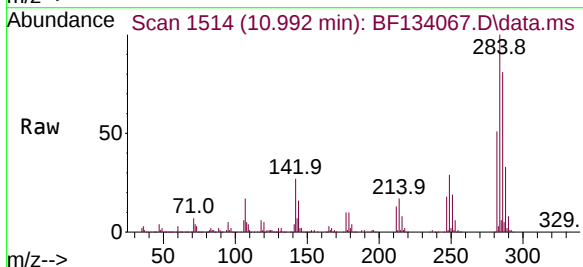
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

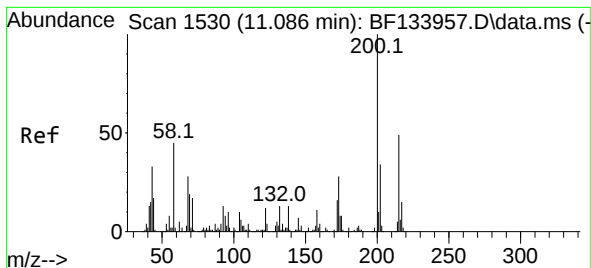
Tgt Ion:248 Resp: 208765
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.4
141 86.5 59.0 88.4



#68
Hexachlorobenzene
Concen: 63.353 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:284 Resp: 221874
Ion Ratio Lower Upper
284 100
142 27.2 26.6 40.0
249 28.6 25.5 38.3





#69

Atrazine

Concen: 70.437 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

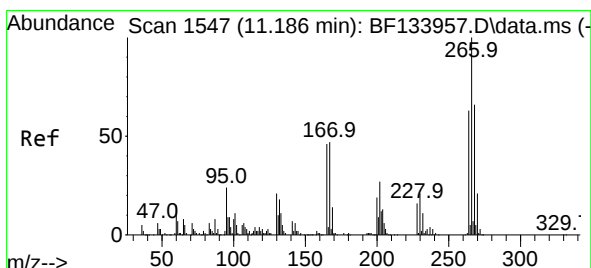
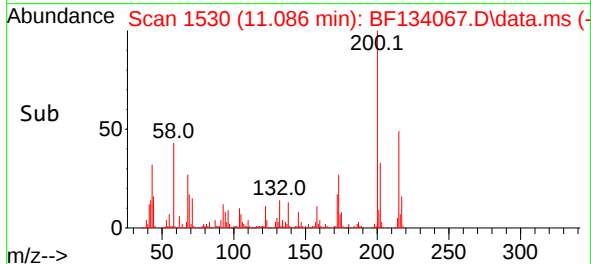
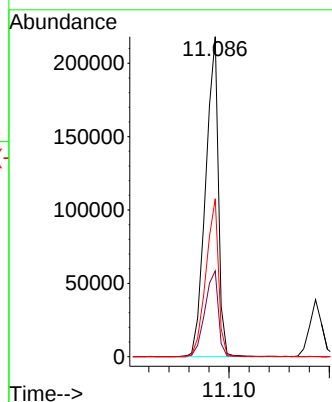
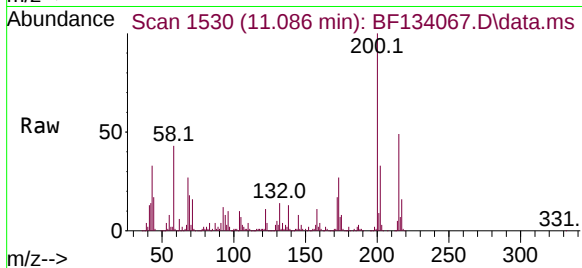
Tgt Ion:200 Resp: 193180

Ion Ratio Lower Upper

200 100

173 26.8 8.0 48.0

215 49.4 29.3 69.3



#70

Pentachlorophenol

Concen: 87.333 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

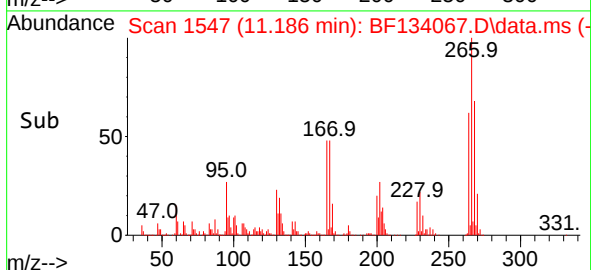
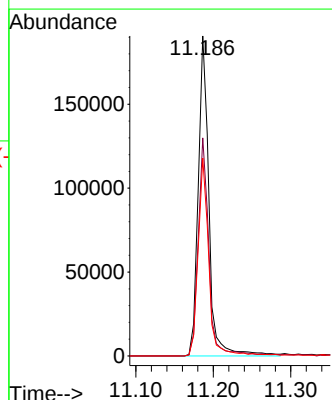
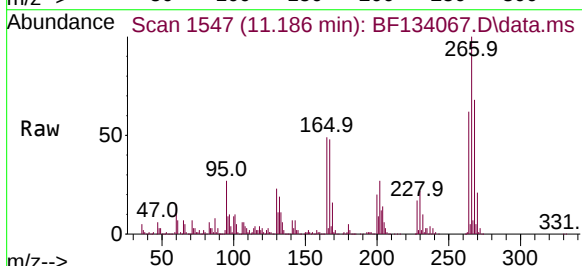
Tgt Ion:266 Resp: 182876

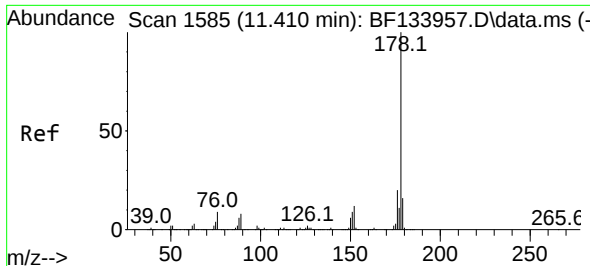
Ion Ratio Lower Upper

266 100

268 68.2 52.6 79.0

264 61.9 50.6 76.0

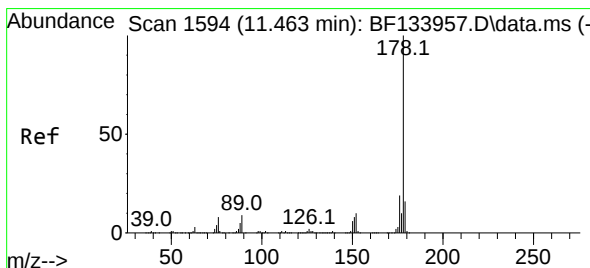
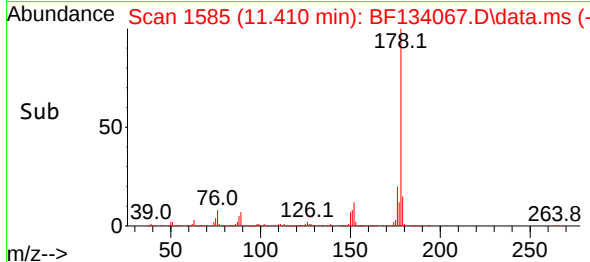
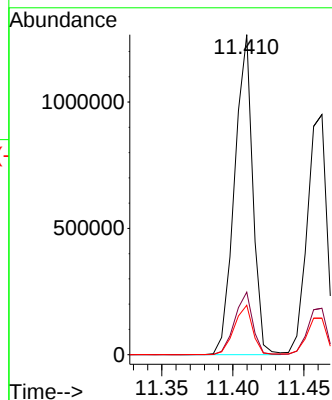
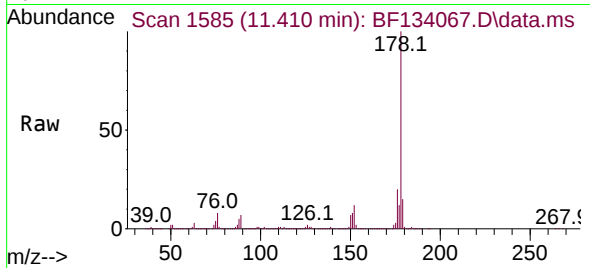




#71
Phenanthrene
Concen: 72.273 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

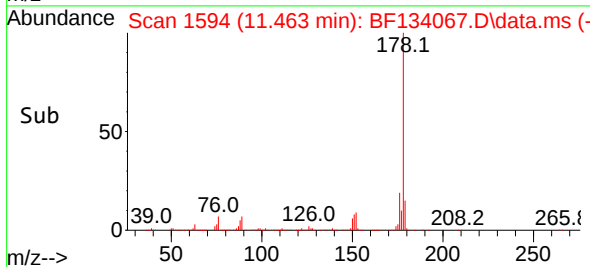
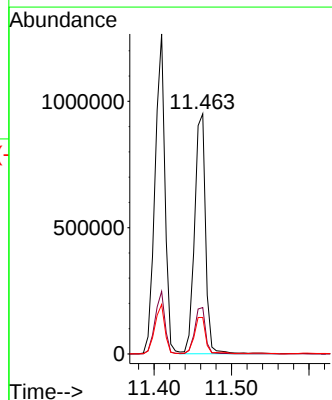
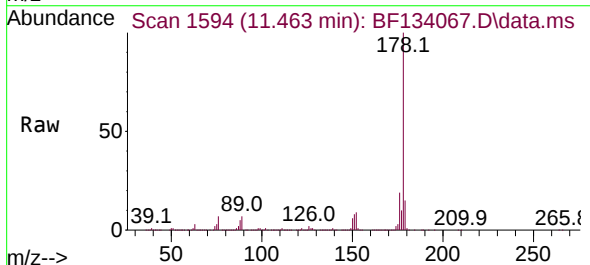
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

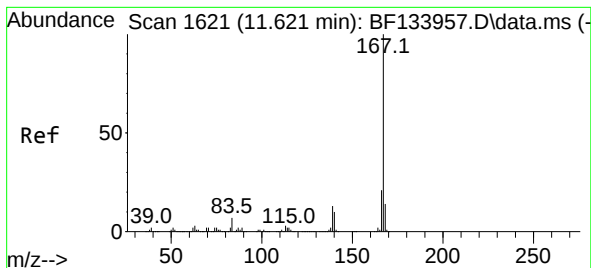
Tgt Ion:178 Resp: 1129090
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 57.487 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:178 Resp: 934123
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.2 12.4 18.6





#73

Carbazole

Concen: 52.848 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

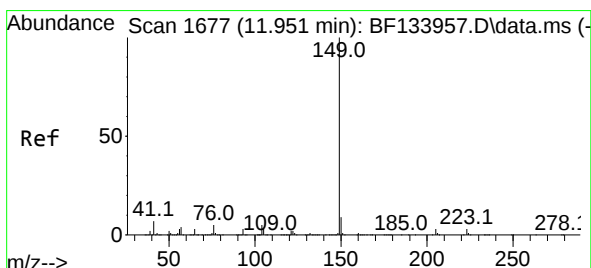
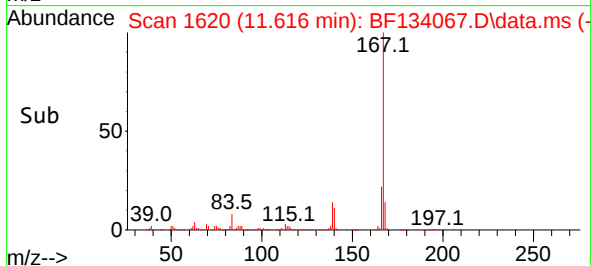
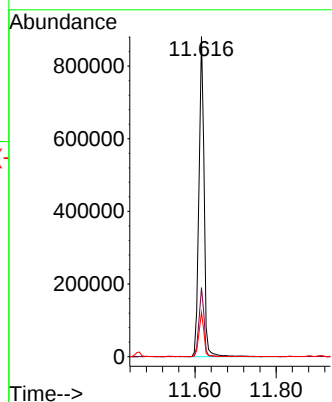
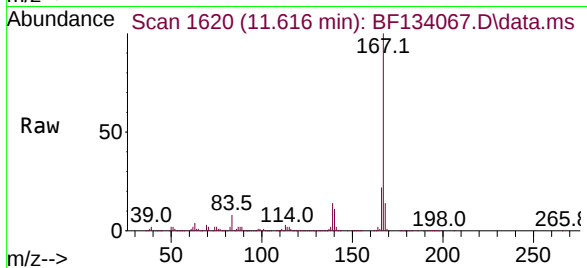
Tgt Ion:167 Resp: 786010

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.8 10.4 15.6



#74

Di-n-butylphthalate

Concen: 59.813 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

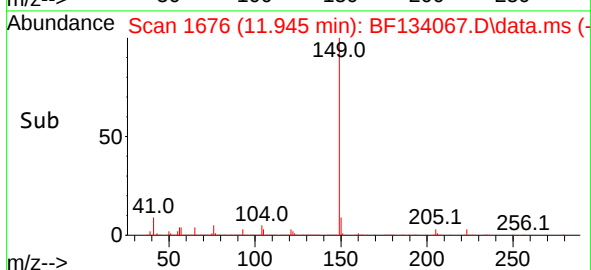
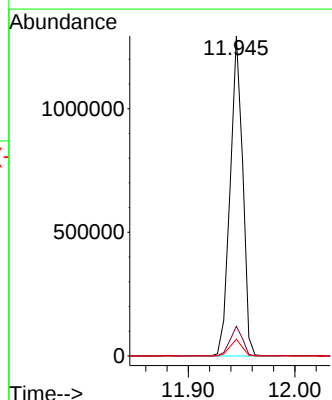
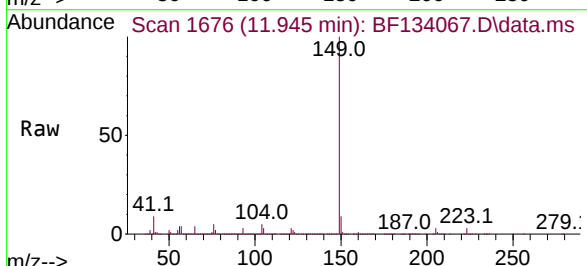
Tgt Ion:149 Resp: 1057906

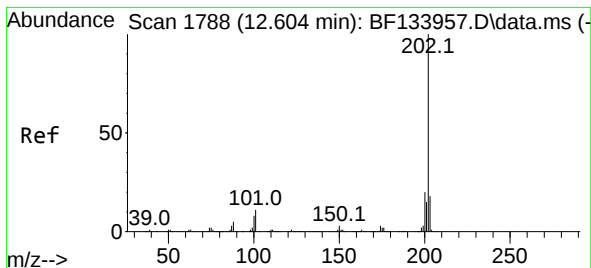
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 71.476 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

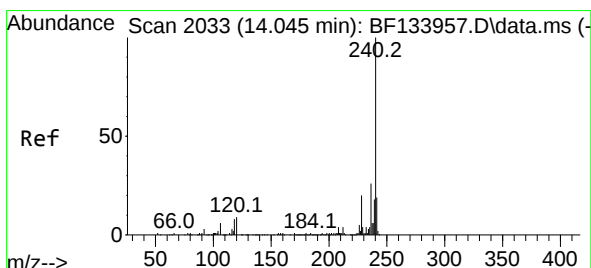
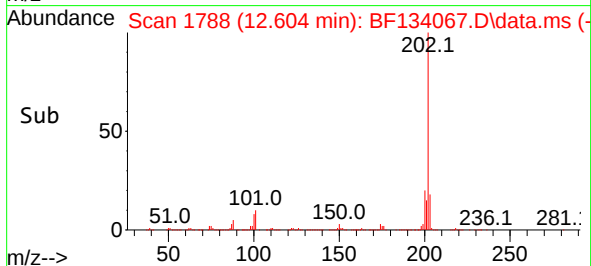
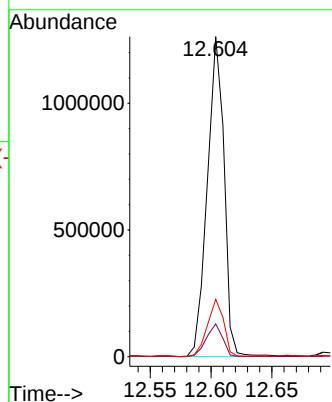
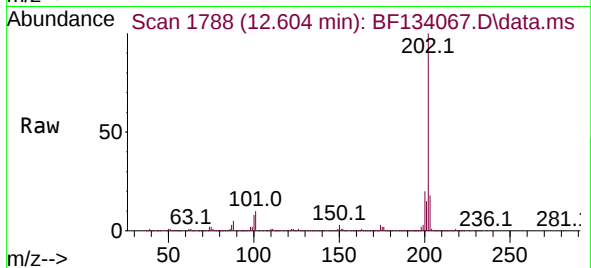
Tgt Ion:202 Resp: 1207184

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.0

203 18.0 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: BF134067.D

Acq: 30 Jun 2023 23:43

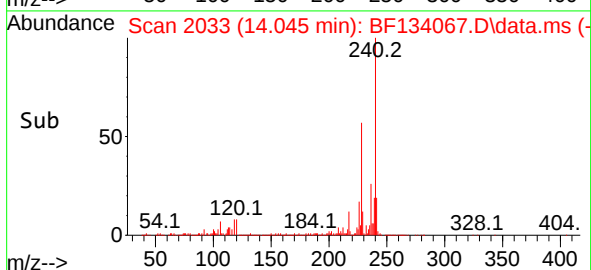
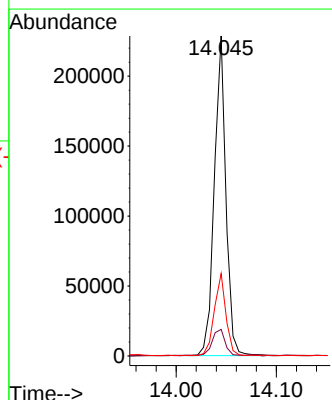
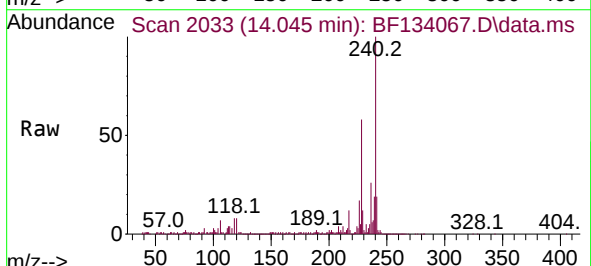
Tgt Ion:240 Resp: 183263

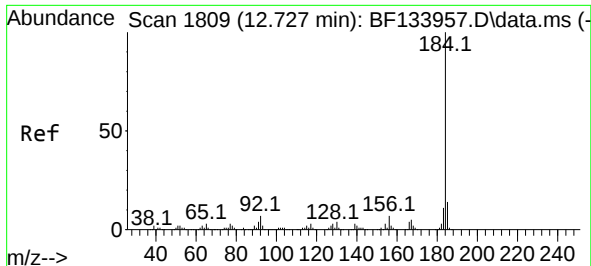
Ion Ratio Lower Upper

240 100

120 8.3 7.4 11.0

236 25.7 21.0 31.6

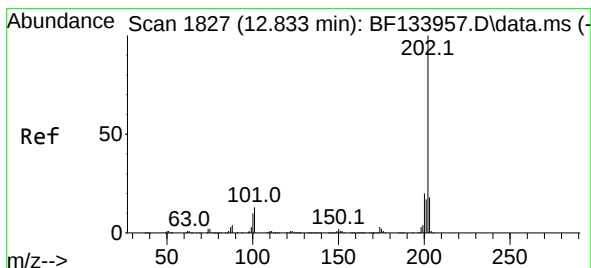
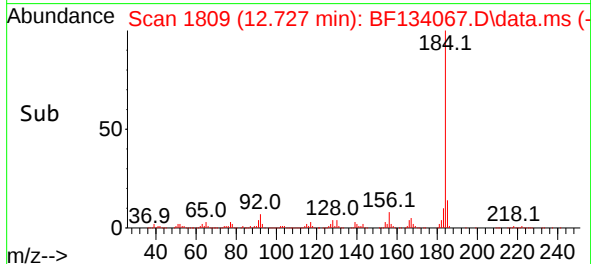
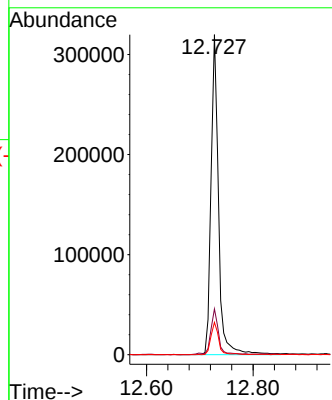
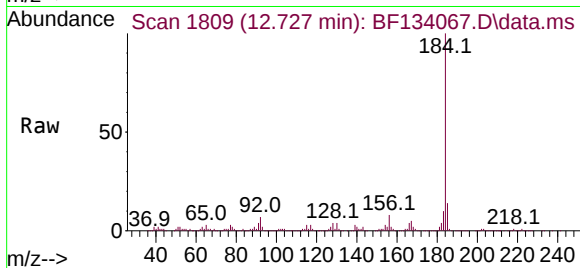




#77
Benzidine
Concen: 71.516 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

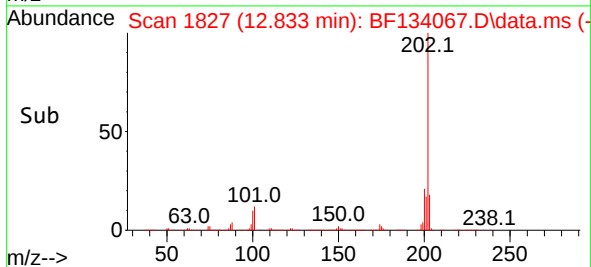
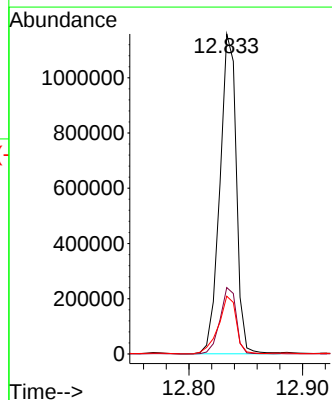
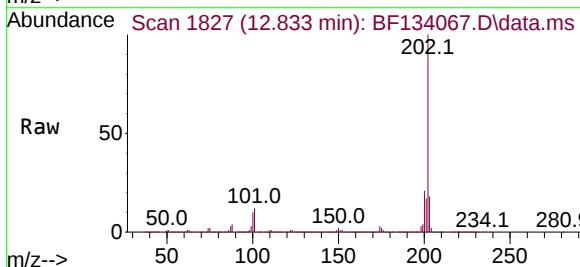
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

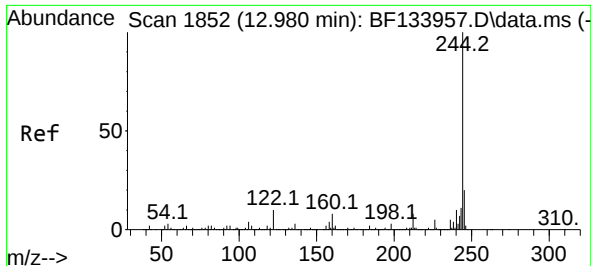
Tgt Ion:184 Resp: 311854
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 10.1 8.8 13.2



#78
Pyrene
Concen: 68.489 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:202 Resp: 1168093
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 18.1 14.3 21.5

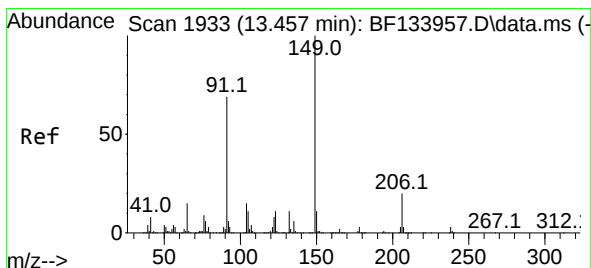
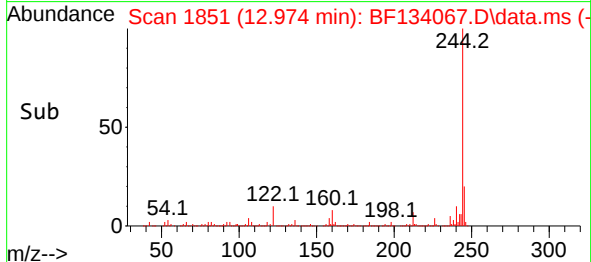
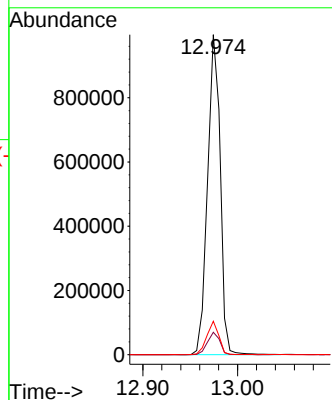
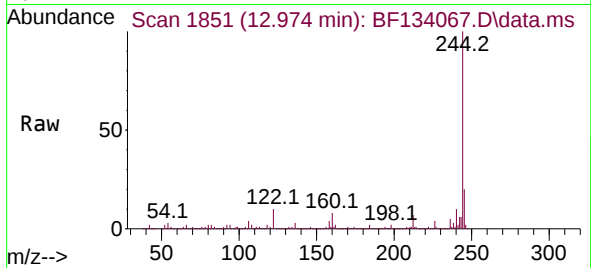




#79
Terphenyl-d14
Concen: 81.087 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

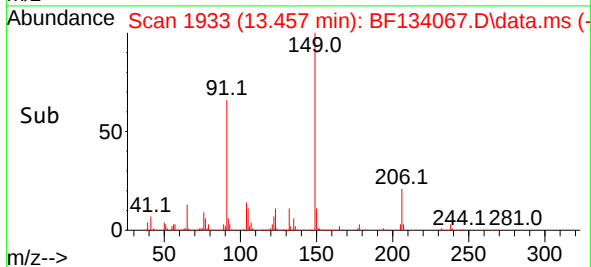
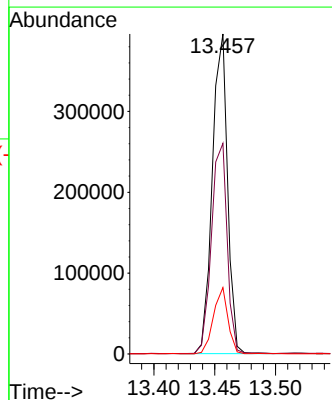
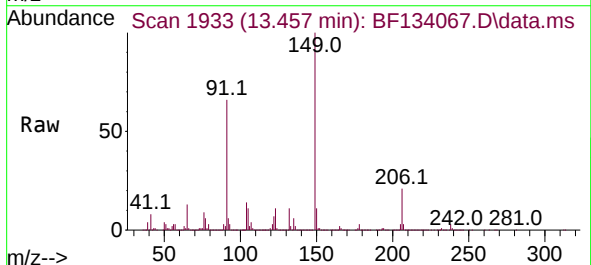
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

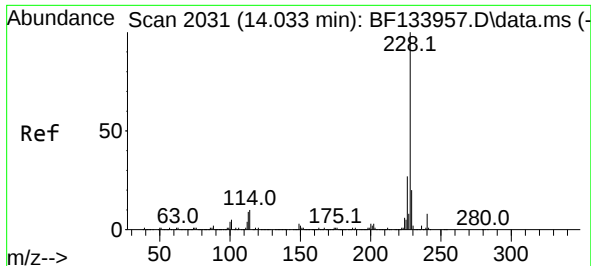
Tgt Ion:244 Resp: 923328
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.5 8.3 12.5



#80
Butylbenzylphthalate
Concen: 53.649 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:149 Resp: 343166
Ion Ratio Lower Upper
149 100
91 65.8 55.1 82.7
206 20.7 15.7 23.5

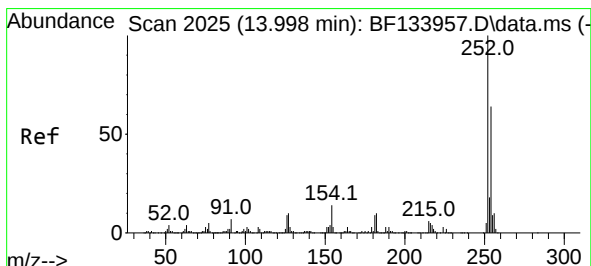
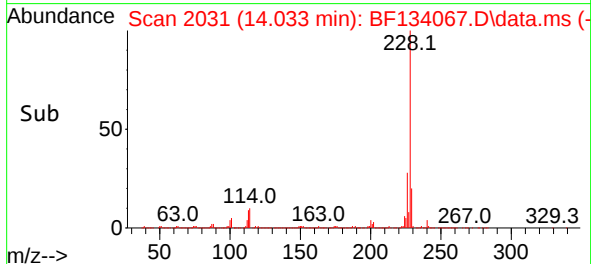
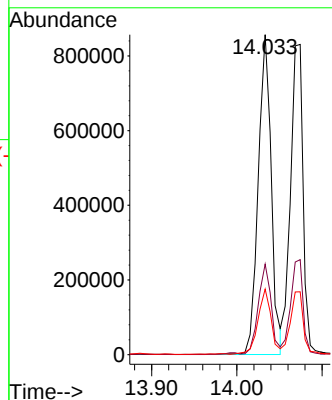
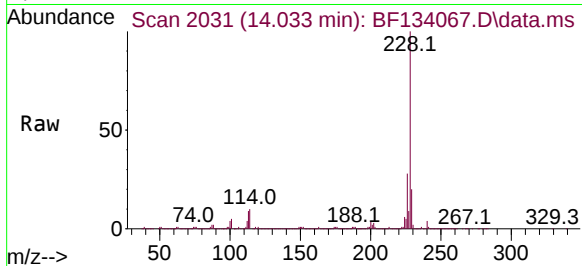




#81
Benzo(a)anthracene
Concen: 71.165 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

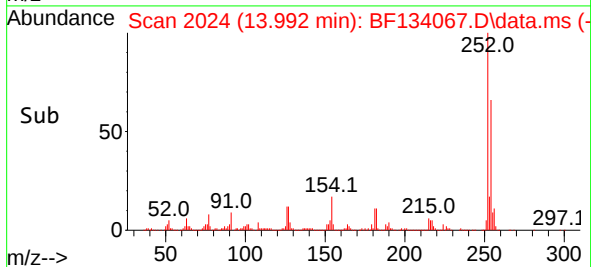
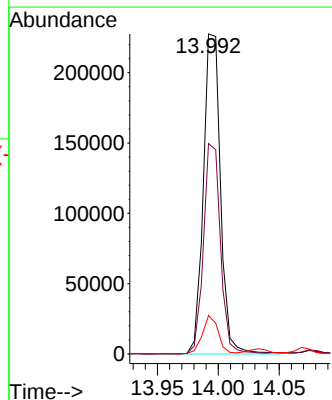
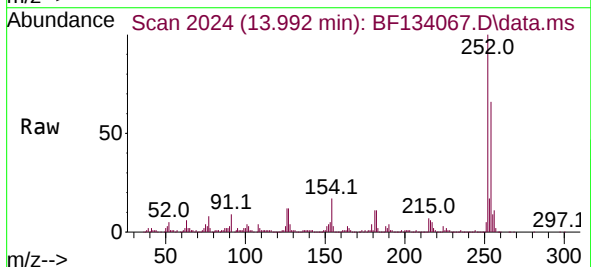
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

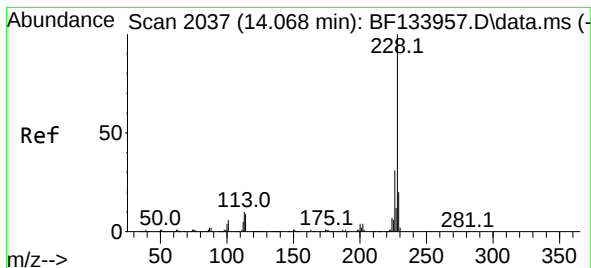
Tgt Ion:228 Resp: 904483
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 55.471 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:252 Resp: 223362
Ion Ratio Lower Upper
252 100
254 65.8 51.4 77.0
126 12.0 7.4 11.2#





#83

Chrysene

Concen: 69.661 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

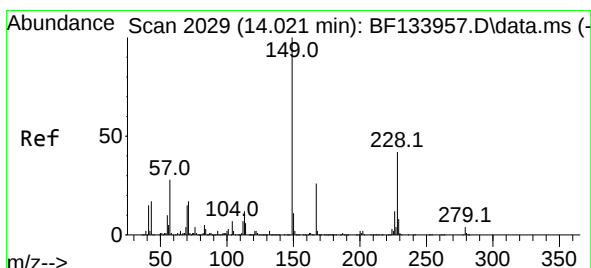
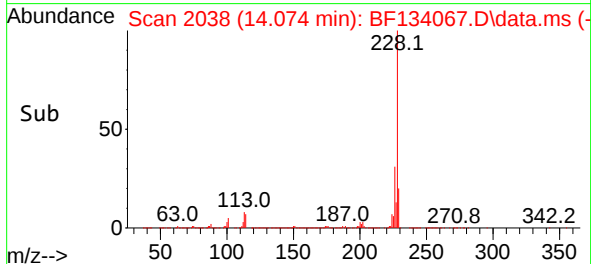
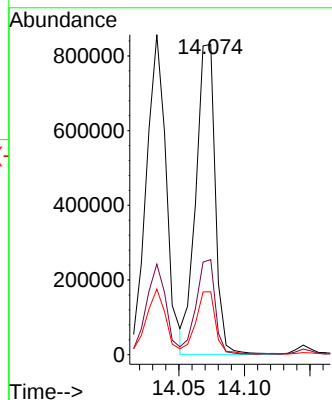
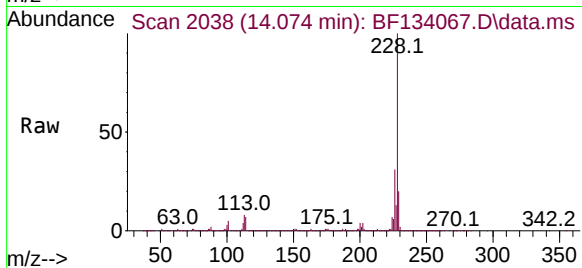
Tgt Ion:228 Resp: 857538

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.057 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

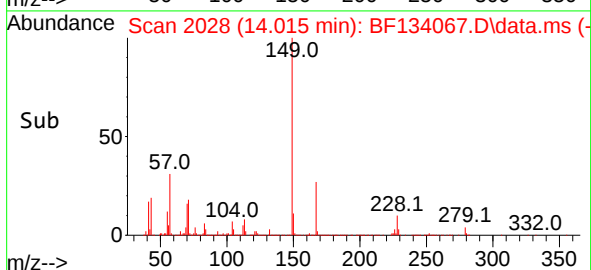
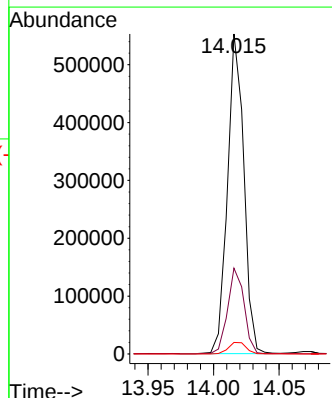
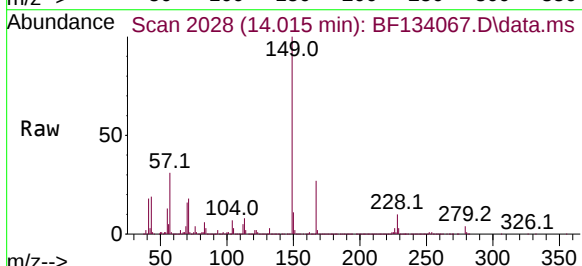
Tgt Ion:149 Resp: 478161

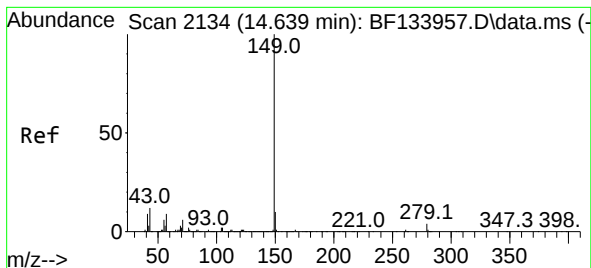
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 78.291 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

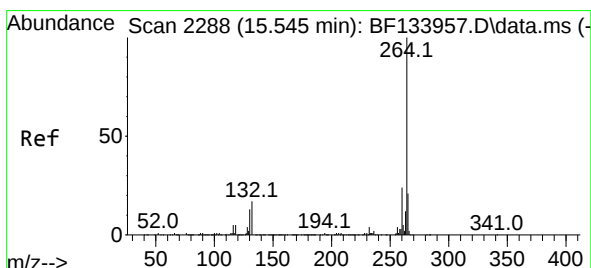
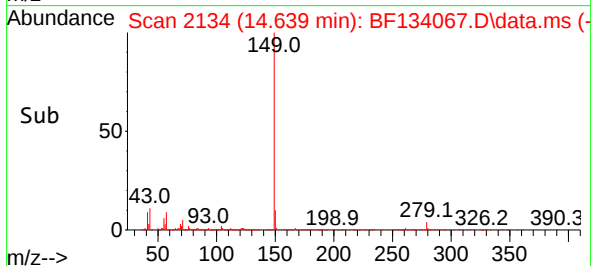
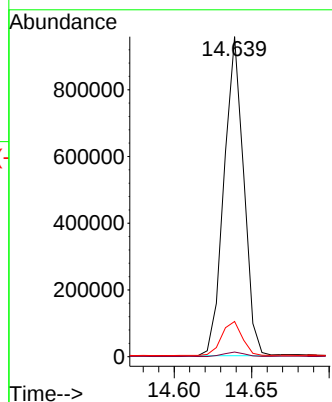
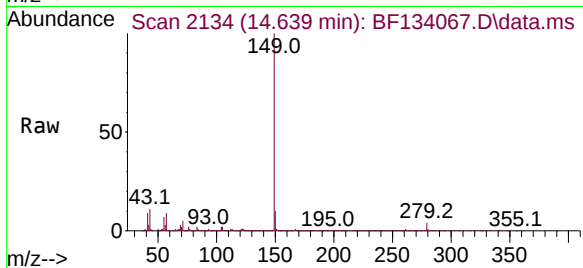
Tgt Ion:149 Resp: 845521

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

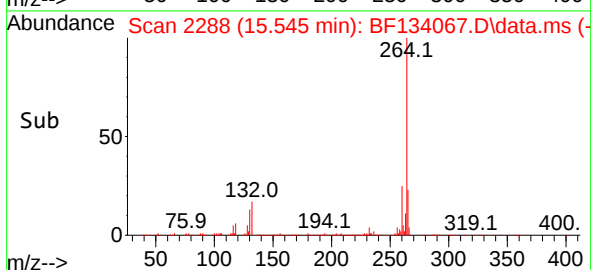
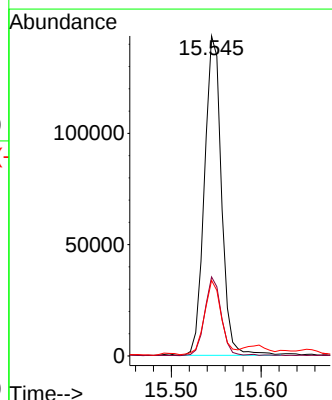
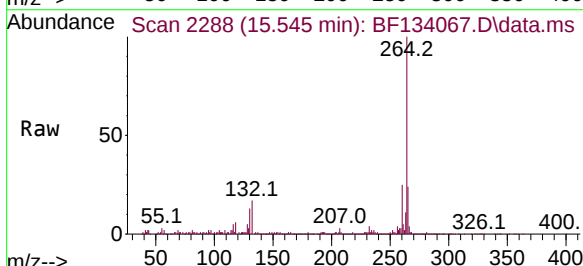
Tgt Ion:264 Resp: 189291

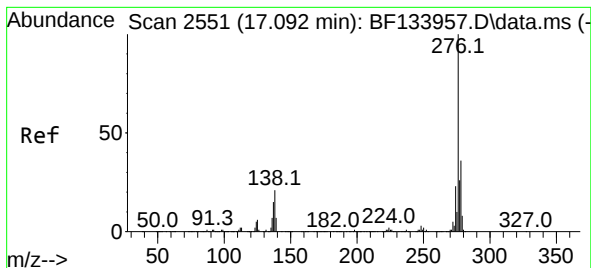
Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 23.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.898 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

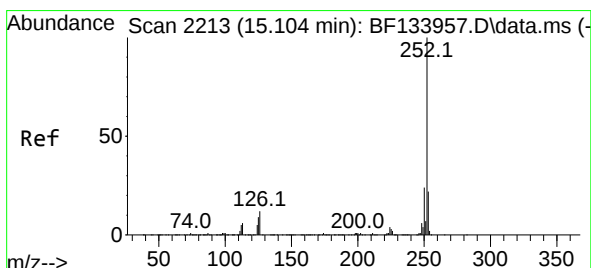
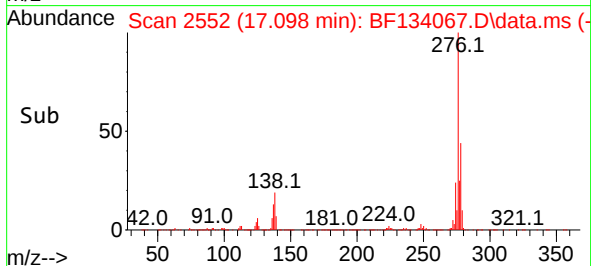
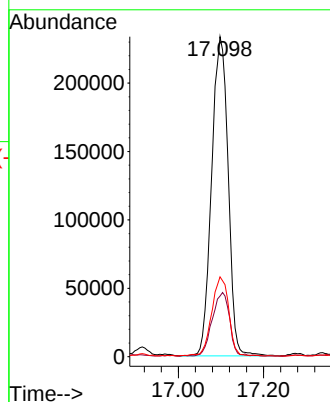
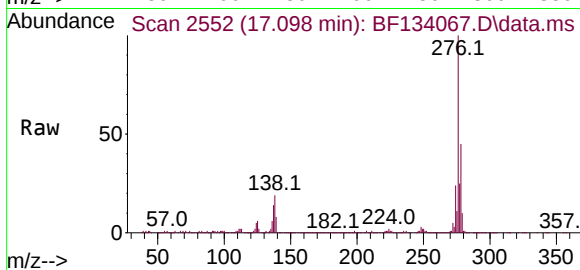
Tgt Ion:276 Resp: 629141

Ion Ratio Lower Upper

276 100

138 20.6 18.7 28.1

277 25.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 83.857 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

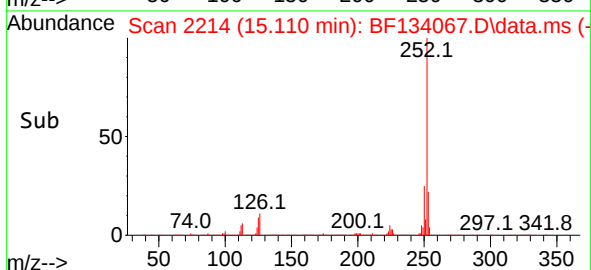
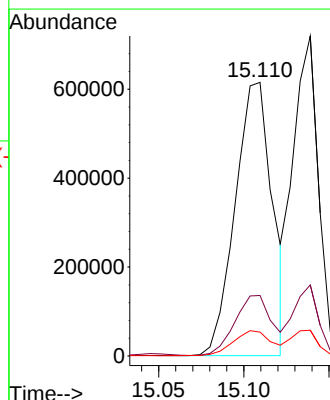
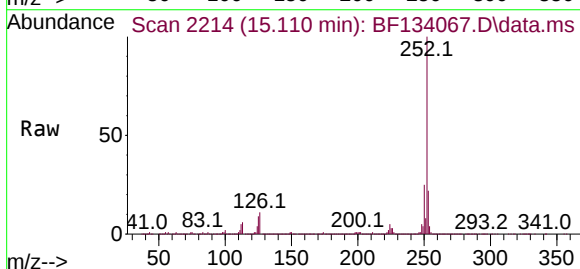
Tgt Ion:252 Resp: 933370

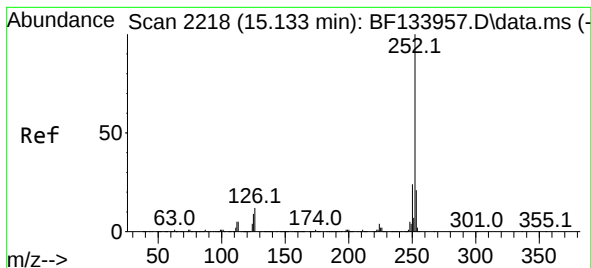
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 66.385 ng

RT: 15.139 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

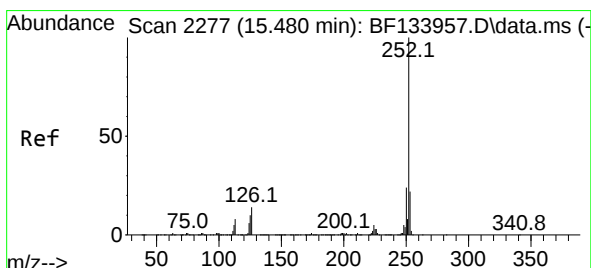
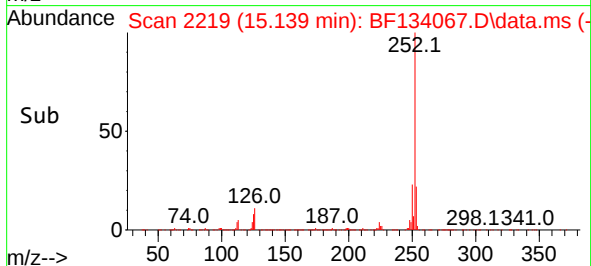
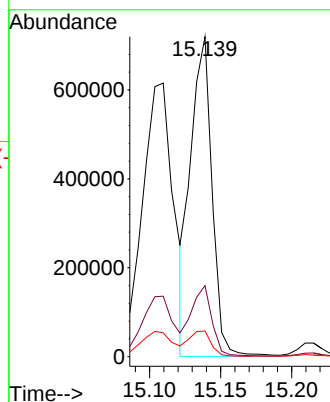
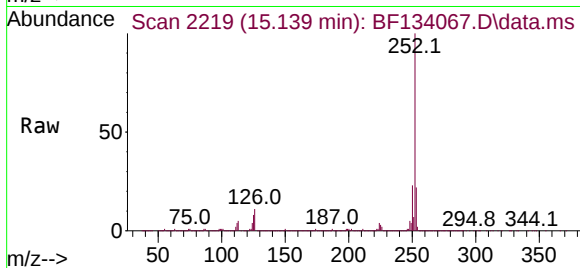
Tgt Ion:252 Resp: 752306

Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

125 8.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 67.219 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF134067.D

Acq: 30 Jun 2023 23:43

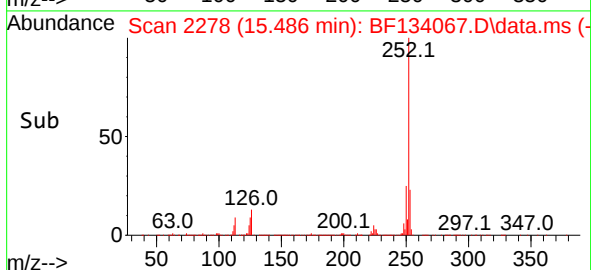
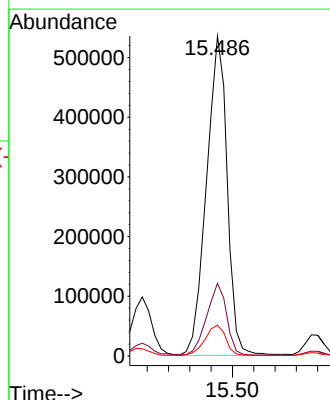
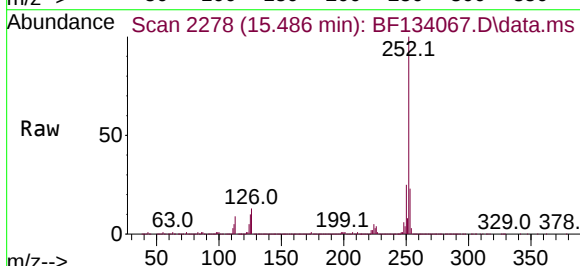
Tgt Ion:252 Resp: 723484

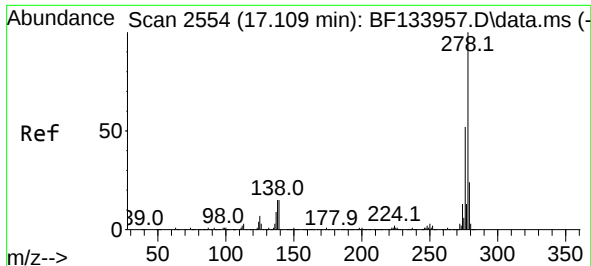
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 9.6 8.4 12.6

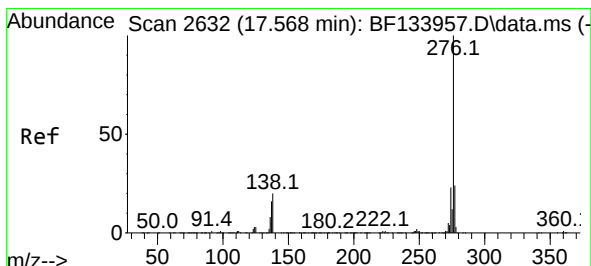
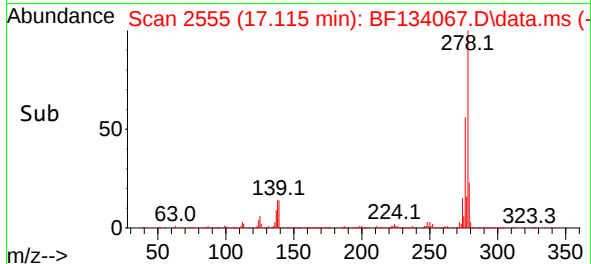
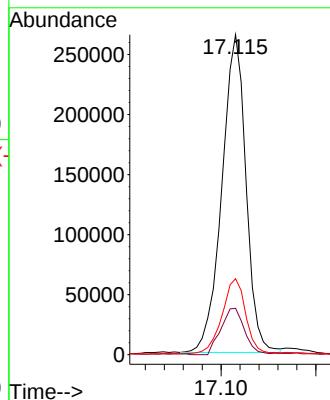
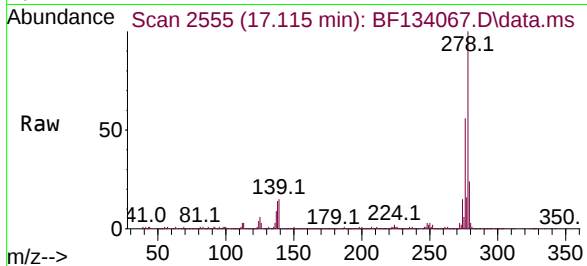




#91
Dibenzo(a,h)anthracene
Concen: 43.617 ng
RT: 17.115 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:278 Resp: 467948
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 23.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 45.316 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.012 min
Lab File: BF134067.D
Acq: 30 Jun 2023 23:43

Tgt Ion:276 Resp: 501354
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 19.4 16.2 24.2

