

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143314.D
 Acq On : 05 Aug 2025 14:28
 Operator : RC/JU
 Sample : Q2734-01MSD 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MSD

Quant Time: Aug 05 14:49:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	119894	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	447775	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	200201	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	276419	20.000	ng	0.00
76) Chrysene-d12	14.133	240	209954	20.000	ng	0.01
86) Perylene-d12	15.645	264	154652	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	330350	43.602	ng	0.01
7) Phenol-d6	6.592	99	428488	44.932	ng	0.00
23) Nitrobenzene-d5	7.516	82	272013	30.281	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	78547	37.979	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	471839	32.232	ng	0.00
79) Terphenyl-d14	13.069	244	357534	25.341	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	64879	18.097	ng	99
3) Pyridine	3.604	79	162633	17.478	ng	100
4) n-Nitrosodimethylamine	3.528	42	98107	20.421	ng	98
6) Aniline	6.622	93	84743	6.376	ng	# 80
8) 2-Chlorophenol	6.751	128	166476	20.962	ng	98
9) Benzaldehyde	6.510	77	104462	14.608	ng	98
10) Phenol	6.604	94	221950	21.364	ng	99
11) bis(2-Chloroethyl)ether	6.692	93	177329	22.293	ng	98
12) 1,3-Dichlorobenzene	6.904	146	176226	20.427	ng	99
13) 1,4-Dichlorobenzene	6.981	146	177803	20.465	ng	99
14) 1,2-Dichlorobenzene	7.134	146	171514	20.756	ng	98
15) Benzyl Alcohol	7.098	79	151728	20.838	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	309661	20.986	ng	97
17) 2-Methylphenol	7.216	107	138495	20.741	ng	99
18) Hexachloroethane	7.481	117	49572	16.482	ng	99
19) n-Nitroso-di-n-propyla...	7.363	70	124598	20.365	ng	96
20) 3+4-Methylphenols	7.363	107	173188	21.377	ng	# 70
22) Acetophenone	7.363	105	233314	22.008	ng	# 95
24) Nitrobenzene	7.539	77	181471	21.668	ng	100
25) Isophorone	7.781	82	337361	21.274	ng	99
26) 2-Nitrophenol	7.857	139	85862	23.623	ng	98
27) 2,4-Dimethylphenol	7.892	122	147023	19.844	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	207274	21.800	ng	99
29) 2,4-Dichlorophenol	8.104	162	127227	20.362	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	137977	20.440	ng	100
31) Naphthalene	8.269	128	462850	20.989	ng	100
32) Benzoic acid	7.981	122	75233	21.260	ng	98
33) 4-Chloroaniline	8.310	127	58350	6.480	ng	99
34) Hexachlorobutadiene	8.386	225	83154	20.166	ng	99
35) Caprolactam	8.657	113	40704	21.558	ng	91
36) 4-Chloro-3-methylphenol	8.792	107	129818	19.116	ng	96
37) 2-Methylnaphthalene	8.957	142	275169	20.506	ng	100
38) 1-Methylnaphthalene	9.057	142	281572	20.377	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	132955	23.003	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	82178	20.543	ng	99
44) 2,4,5-Trichlorophenol	9.281	196	79149	19.780	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.422	154	363752	23.288	ng	99
47) 2-Chloronaphthalene	9.445	162	251508	21.762	ng	99
48) 2-Nitroaniline	9.533	65	84294	23.258	ng	98
49) Acenaphthylene	9.863	152	411753	21.259	ng	100
50) Dimethylphthalate	9.710	163	311940	23.904	ng	100
51) 2,6-Dinitrotoluene	9.775	165	61876	23.308	ng	98
52) Acenaphthene	10.033	154	240916	21.045	ng	97
53) 3-Nitroaniline	9.939	138	47642	15.343	ng	98
54) 2,4-Dinitrophenol	10.051	184	7916	12.695	ng	88
55) Dibenzofuran	10.204	168	351909	20.705	ng	99
56) 4-Nitrophenol	10.104	139	78452	33.834	ng	98
57) 2,4-Dinitrotoluene	10.175	165	72252	21.694	ng	99
58) Fluorene	10.551	166	260939	20.456	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	60657	18.300	ng	97
60) Diethylphthalate	10.410	149	288769	22.388	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	131501	20.703	ng	98
62) 4-Nitroaniline	10.551	138	48330	18.161	ng	98
63) Azobenzene	10.698	77	276717	20.585	ng	97
65) 4,6-Dinitro-2-methylph...	10.586	198	7479	9.992	ng	81
66) n-Nitrosodiphenylamine	10.651	169	224032	23.016	ng	98
67) 4-Bromophenyl-phenylether	11.027	248	72398	21.978	ng	99
68) Hexachlorobenzene	11.104	284	66007	19.171	ng	99
69) Atrazine	11.175	200	64155	23.908	ng	100
70) Pentachlorophenol	11.292	266	69356	34.253	ng	99
71) Phenanthrene	11.516	178	425693	29.004	ng	99
72) Anthracene	11.563	178	351413	23.476	ng	99
73) Carbazole	11.716	167	305670	23.386	ng	99
74) Di-n-butylphthalate	12.045	149	368926	24.945	ng	100
75) Fluoranthene	12.704	202	660664	49.041	ng	99
78) Pyrene	12.933	202	644926	35.992	ng	99
80) Butylbenzylphthalate	13.545	149	149527	27.252	ng	99
81) Benzo(a)anthracene	14.121	228	454225	32.314	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	57677	12.311	ng	99
83) Chrysene	14.157	228	407381	32.234	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	219811	26.468	ng	99
85) Di-n-octyl phthalate	14.721	149	342644	22.761	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.192	276	228945	20.994	ng	99
88) Benzo(b)fluoranthene	15.198	252	324920	34.391	ng	# 96
89) Benzo(k)fluoranthene	15.198	252	324920	38.540	ng	# 96
90) Benzo(a)pyrene	15.580	252	267795	30.764	ng	97
91) Dibenzo(a,h)anthracene	17.209	278	157308	17.723	ng	97
92) Benzo(g,h,i)perylene	17.662	276	183201	21.337	ng	98

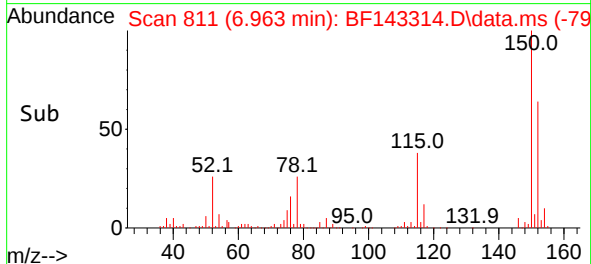
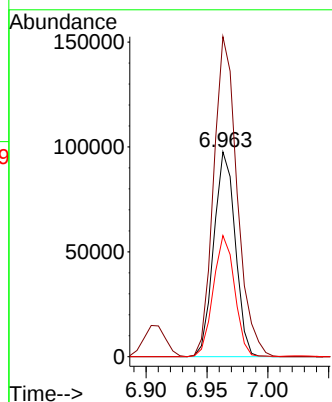
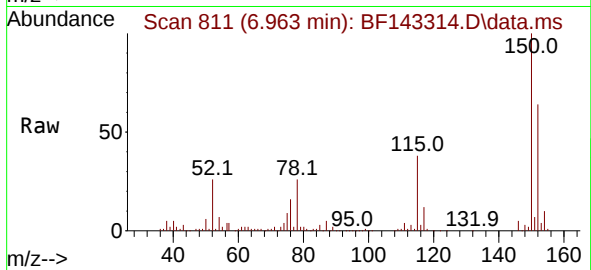
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

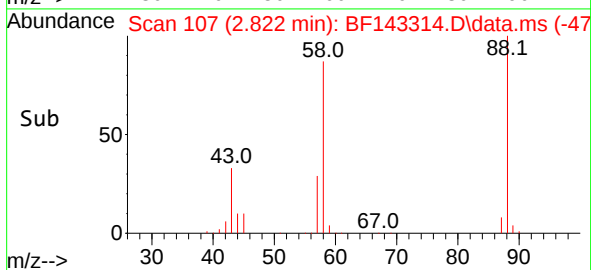
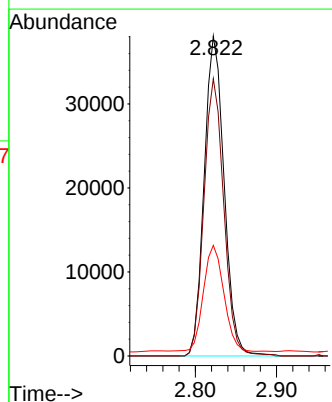
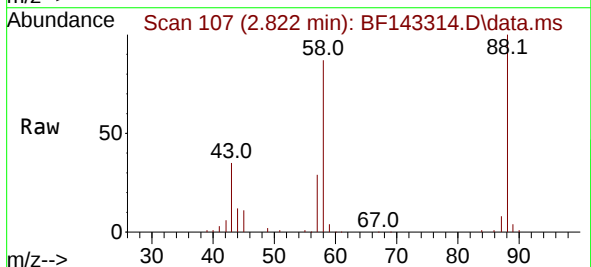
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MSD

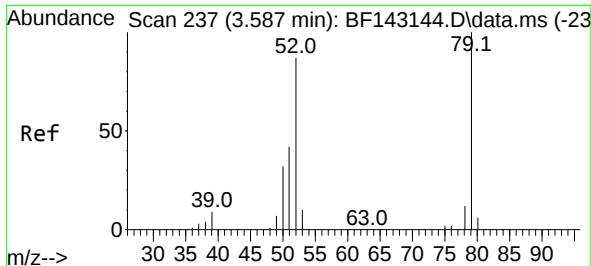
Tgt Ion:152 Resp: 119894
 Ion Ratio Lower Upper
 152 100
 150 156.3 128.2 192.4
 115 59.2 47.9 71.9



#2
 1,4-Dioxane
 Concen: 18.097 ng
 RT: 2.822 min Scan# 107
 Delta R.T. 0.000 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

Tgt Ion: 88 Resp: 64879
 Ion Ratio Lower Upper
 88 100
 58 86.5 70.2 105.2
 43 34.0 27.1 40.7





#3

Pyridine

Concen: 17.478 ng

RT: 3.604 min Scan# 24

Delta R.T. 0.018 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

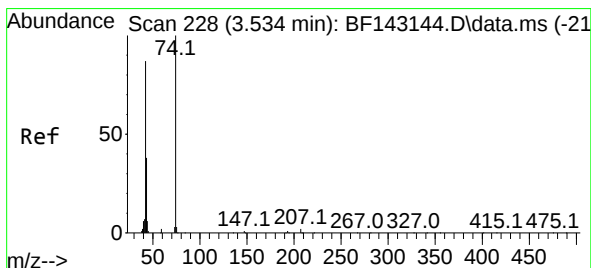
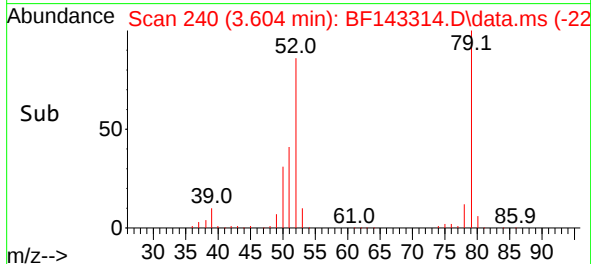
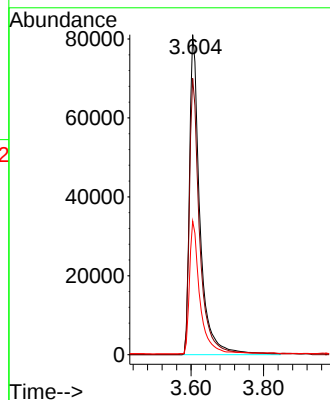
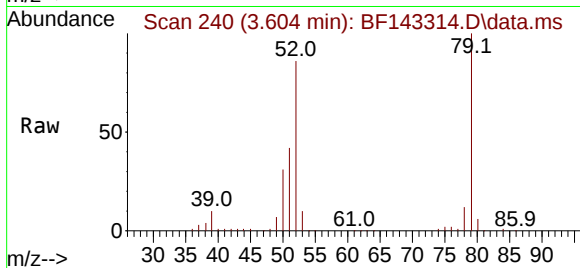
Tgt Ion: 79 Resp: 162633

Ion Ratio Lower Upper

79 100

52 86.4 69.4 104.2

51 41.8 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 20.421 ng

RT: 3.528 min Scan# 227

Delta R.T. -0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

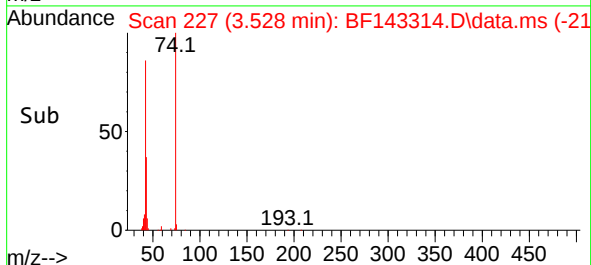
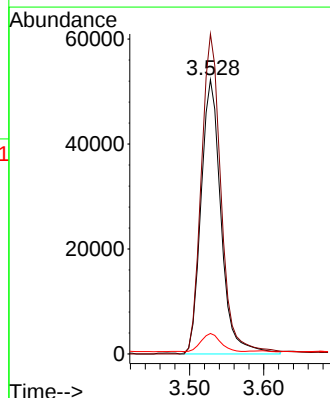
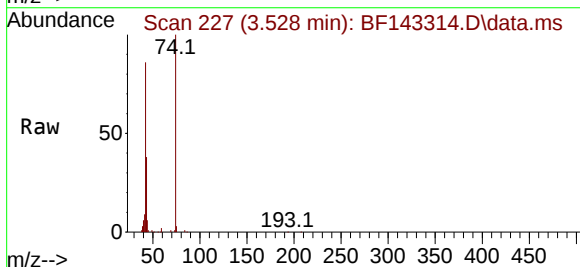
Tgt Ion: 42 Resp: 98107

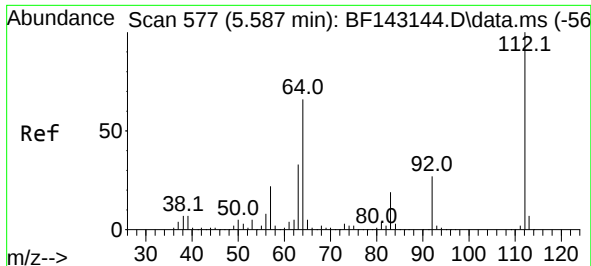
Ion Ratio Lower Upper

42 100

74 116.7 91.7 137.5

44 7.5 5.6 8.4

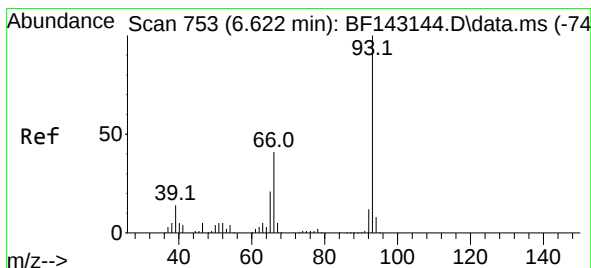
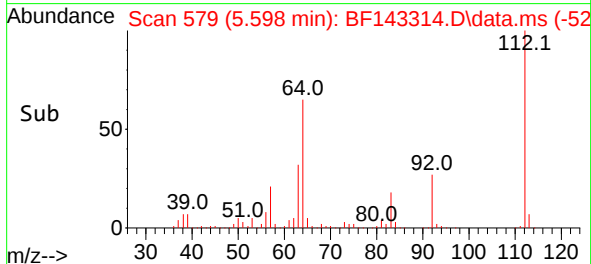
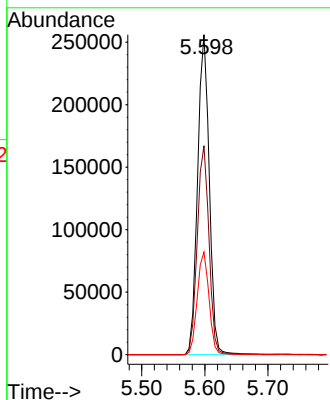
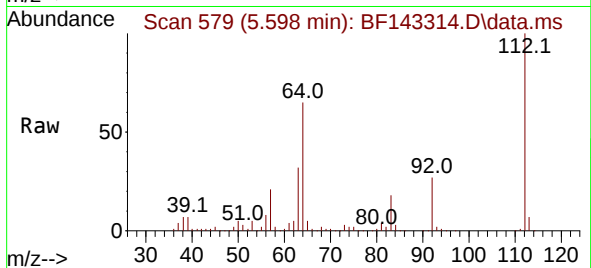




#5
2-Fluorophenol
Concen: 43.602 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

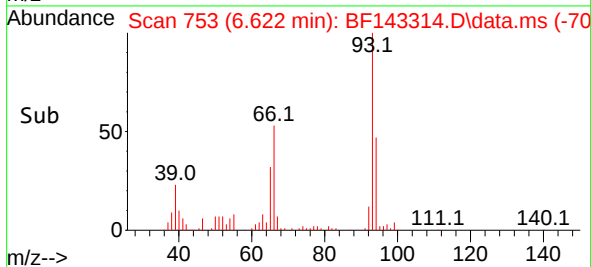
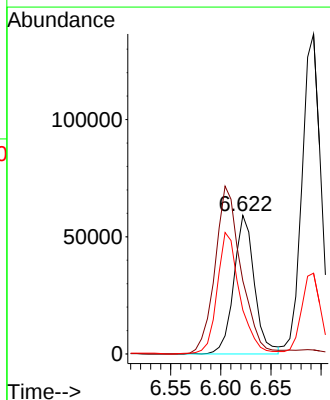
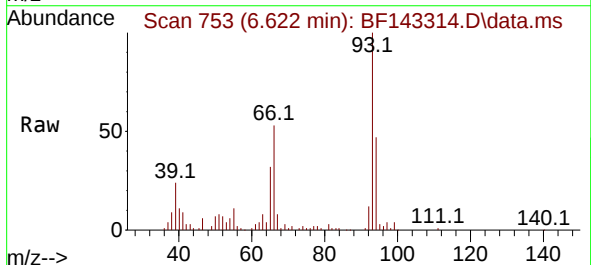
Instrument :
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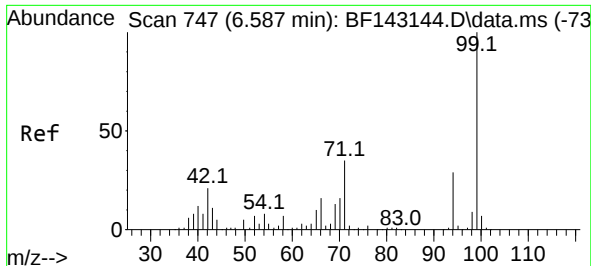
Tgt Ion:112 Resp: 330350
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 32.1 26.6 40.0



#6
Aniline
Concen: 6.376 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion: 93 Resp: 84743
Ion Ratio Lower Upper
93 100
66 52.8 33.2 49.8#
65 31.7 16.9 25.3#

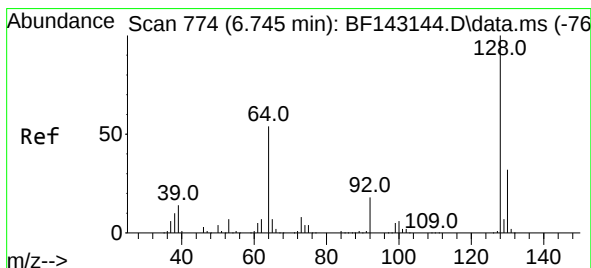
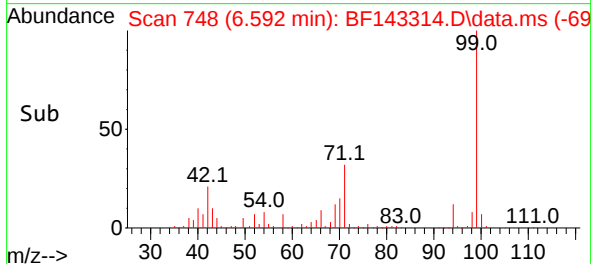
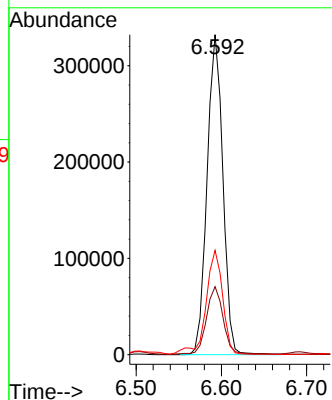
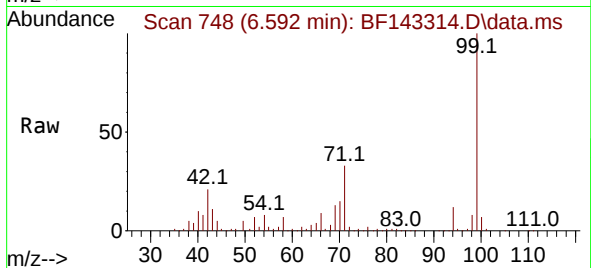




#7
Phenol-d6
Concen: 44.932 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

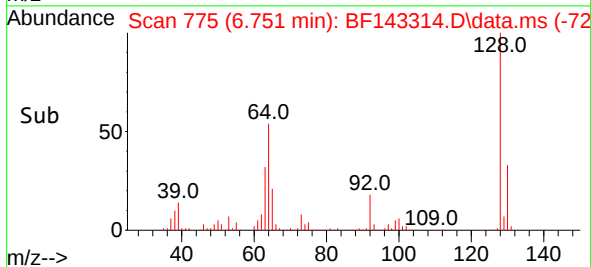
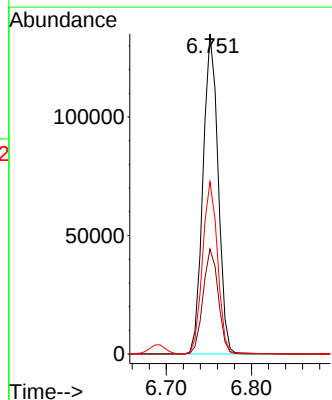
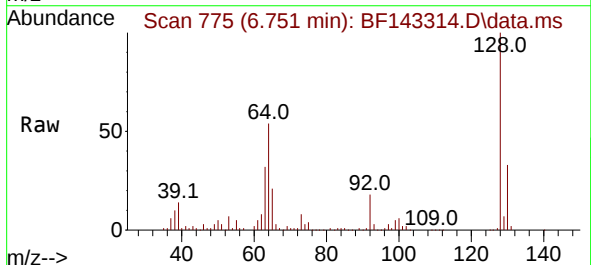
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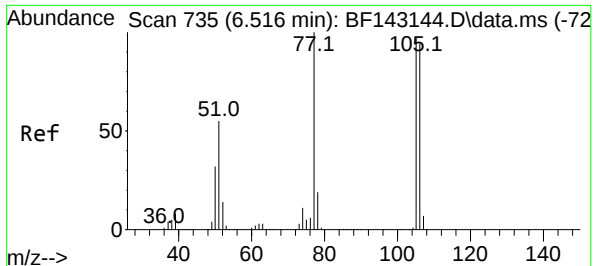
Tgt Ion: 99 Resp: 428488
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 32.6 27.7 41.5



#8
2-Chlorophenol
Concen: 20.962 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:128 Resp: 166476
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 53.8 35.9 75.9

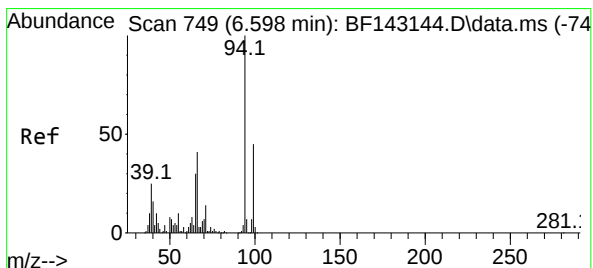
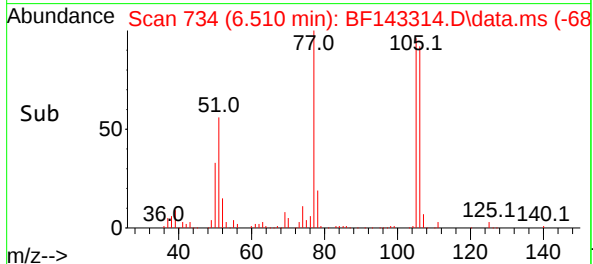
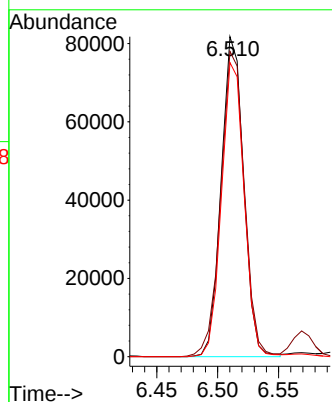
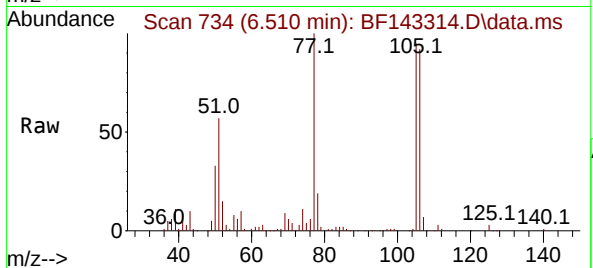




#9
Benzaldehyde
Concen: 14.608 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

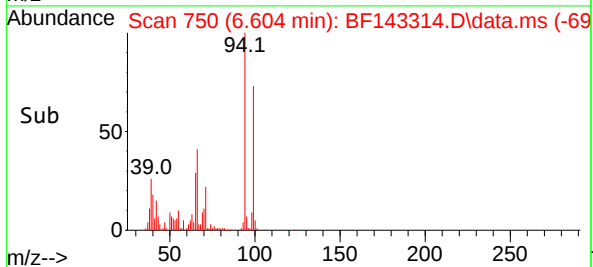
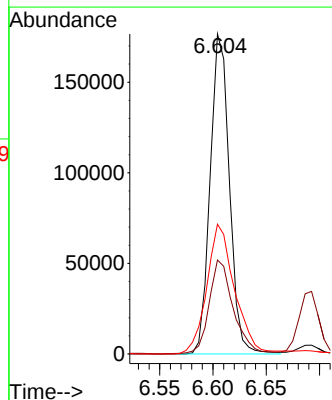
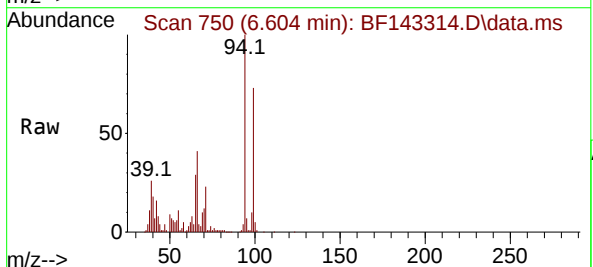
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Tgt Ion: 77 Resp: 104462
Ion Ratio Lower Upper
77 100
105 95.4 76.8 116.8
106 91.9 74.4 114.4



#10
Phenol
Concen: 21.364 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion: 94 Resp: 221950
Ion Ratio Lower Upper
94 100
65 29.3 10.0 50.0
66 40.5 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 22.293 ng

RT: 6.692 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

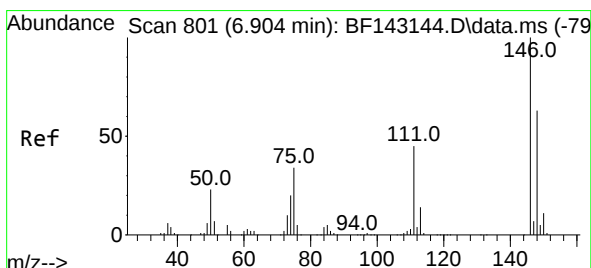
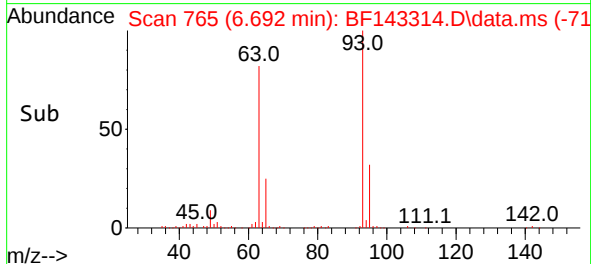
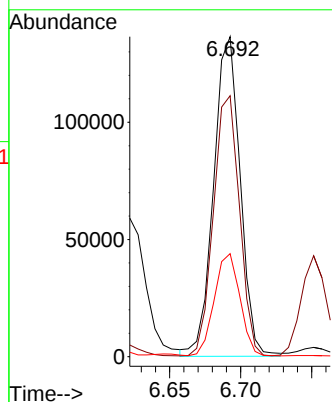
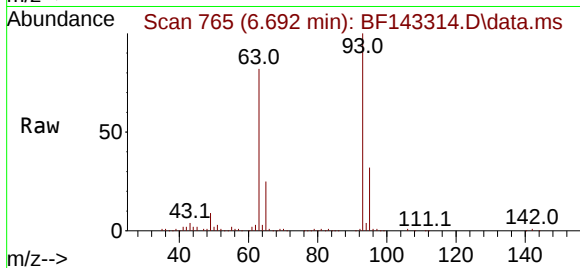
Tgt Ion: 93 Resp: 177329

Ion Ratio Lower Upper

93 100

63 81.6 63.4 103.4

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 20.427 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

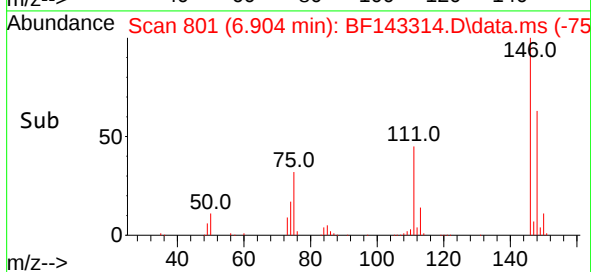
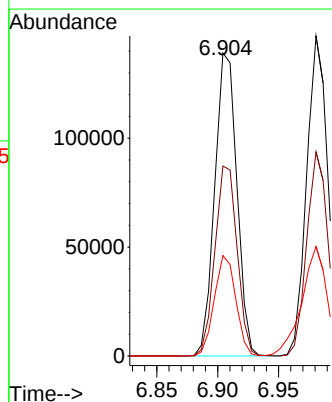
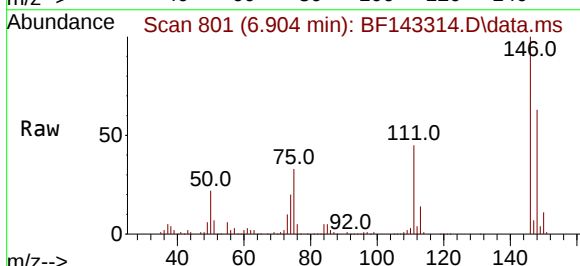
Tgt Ion:146 Resp: 176226

Ion Ratio Lower Upper

146 100

148 62.7 50.6 76.0

75 33.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 20.465 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

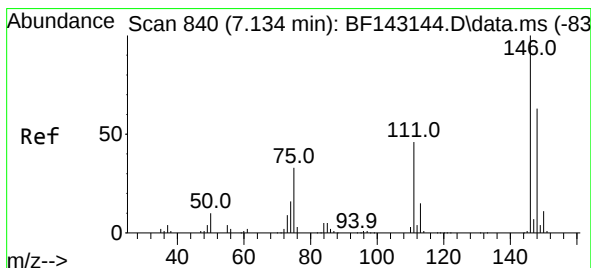
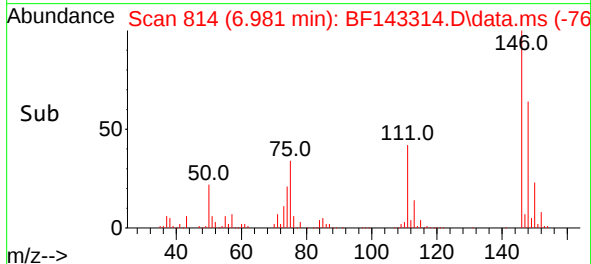
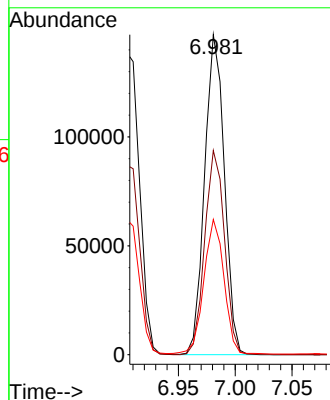
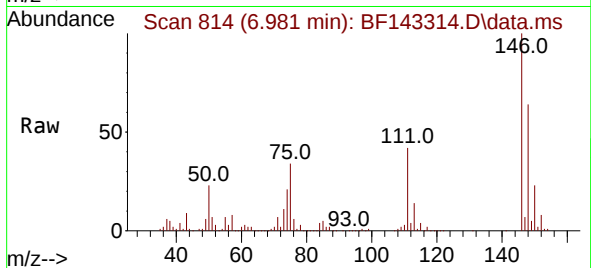
Tgt Ion:146 Resp: 177803

Ion Ratio Lower Upper

146 100

148 63.8 50.3 75.5

111 42.3 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 20.756 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

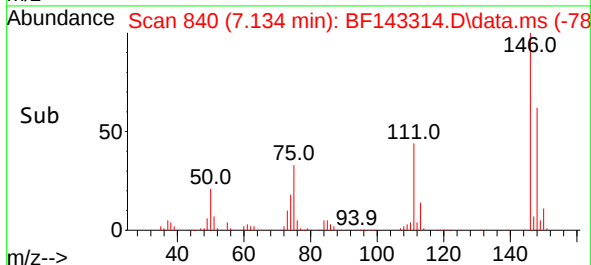
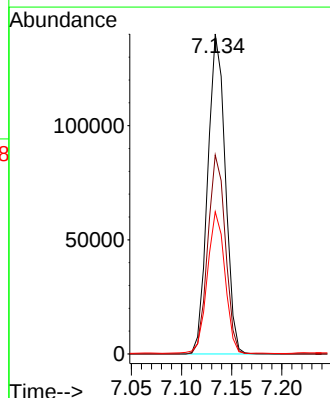
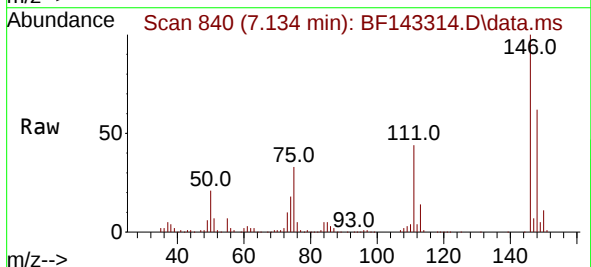
Tgt Ion:146 Resp: 171514

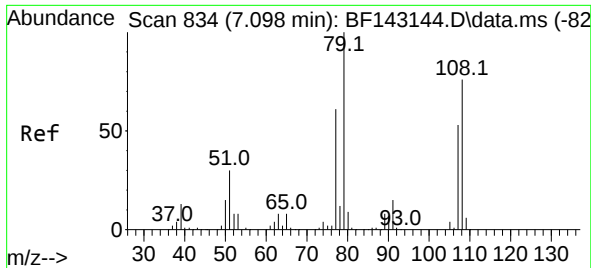
Ion Ratio Lower Upper

146 100

148 62.2 50.7 76.1

111 44.5 36.6 54.8

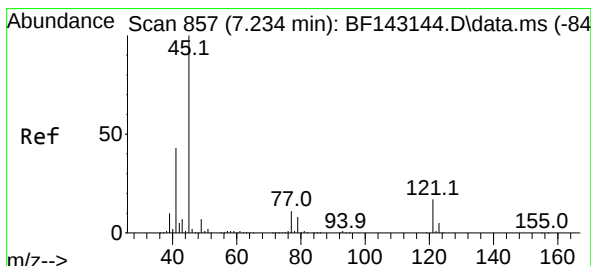
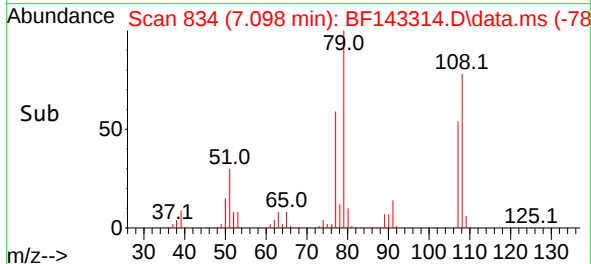
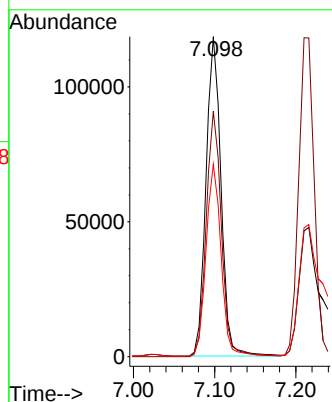
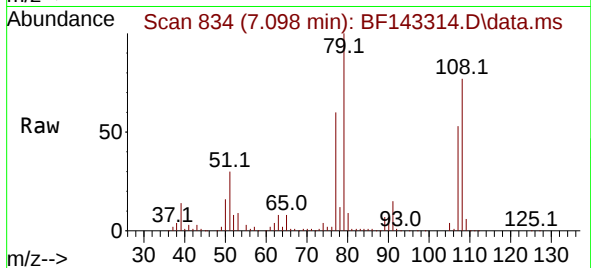




#15
Benzyl Alcohol
Concen: 20.838 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

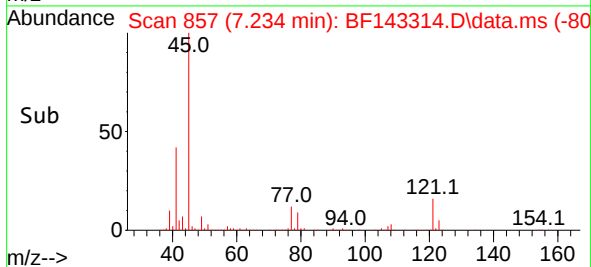
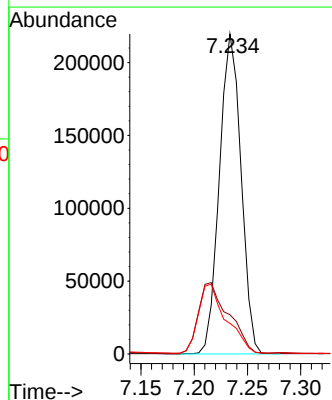
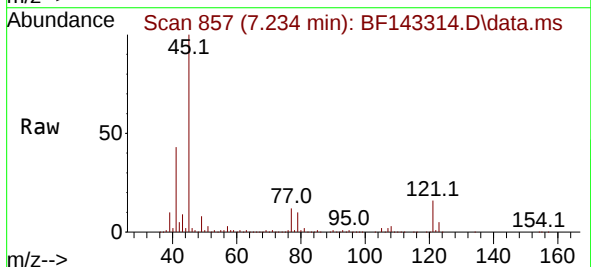
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

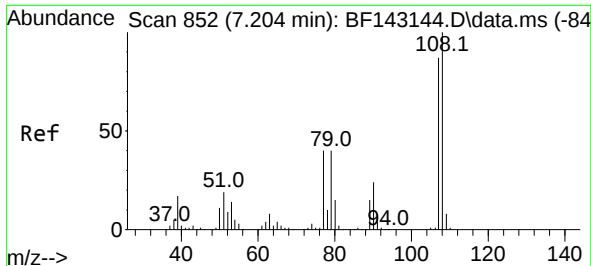
Tgt Ion: 79 Resp: 151728
Ion Ratio Lower Upper
79 100
108 76.7 61.1 91.7
77 60.2 48.9 73.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 20.986 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

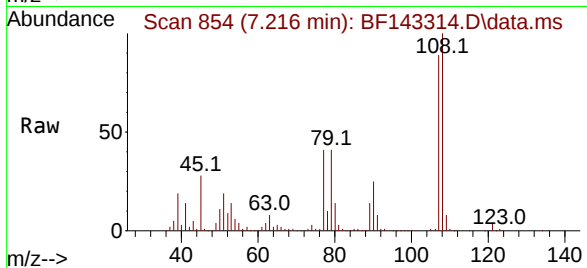
Tgt Ion: 45 Resp: 309661
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.2
79 9.6 0.0 28.5



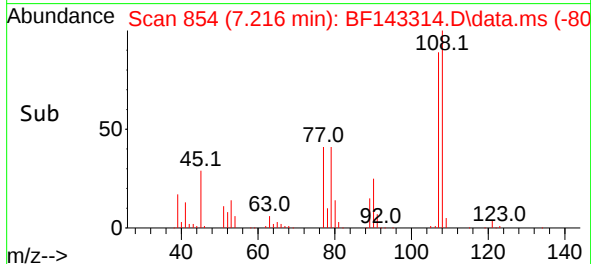
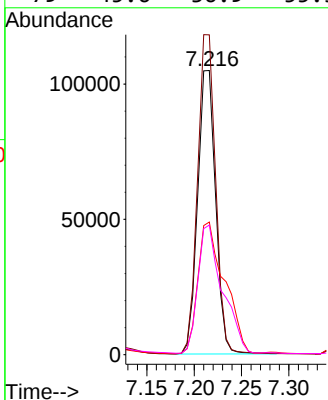


#17
2-Methylphenol
Concen: 20.741 ng
RT: 7.216 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

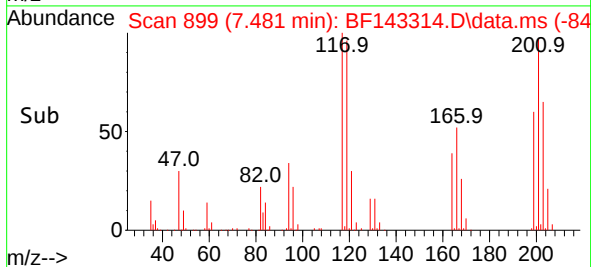
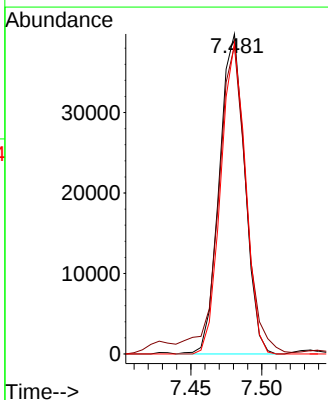
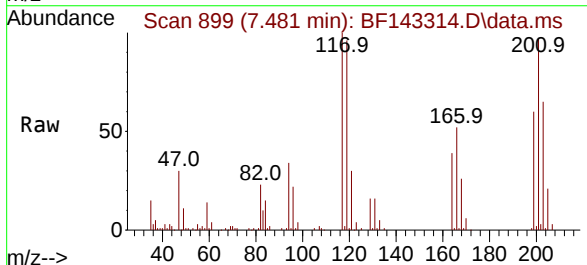


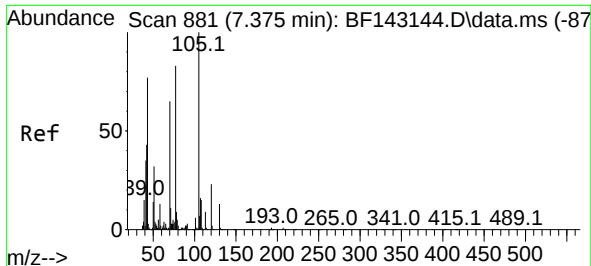
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.8	137.6
77	46.7	37.0	55.6
79	45.6	36.9	55.3



#18
Hexachloroethane
Concen: 16.482 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.8
201	97.3	77.0	115.4

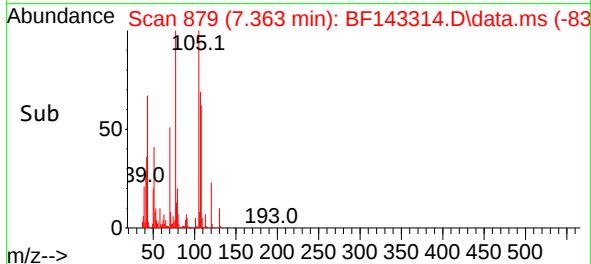
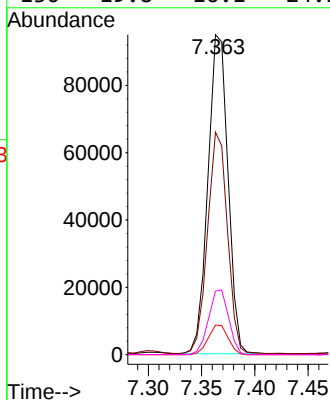
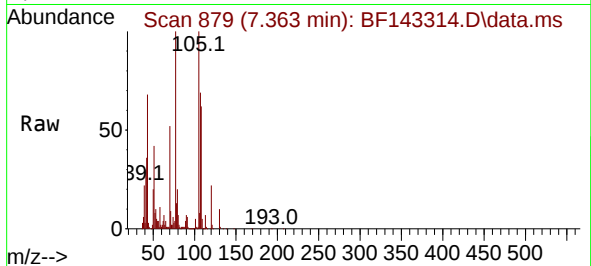




#19
n-Nitroso-di-n-propylamine
Concen: 20.365 ng
RT: 7.363 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

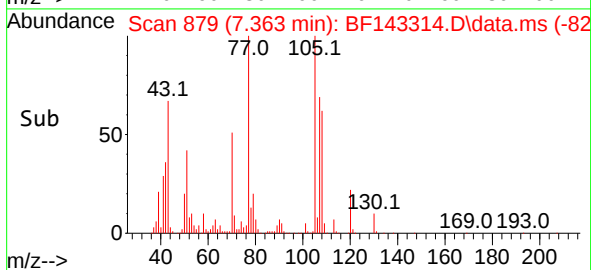
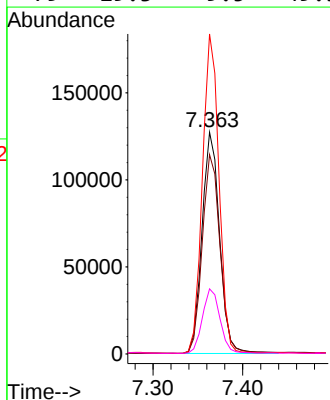
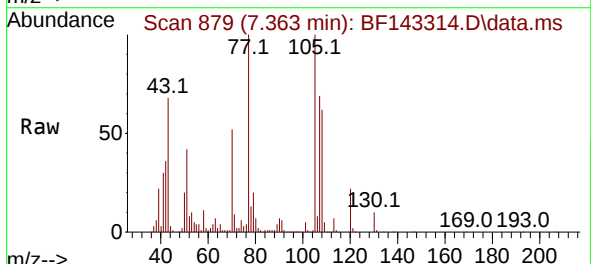
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Tgt Ion:	70	Resp:	124598
Ion	Ratio	Lower	Upper
70	100		
42	69.6	52.5	78.7
101	9.3	7.6	11.4
130	19.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 21.377 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:	107	Resp:	173188
Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.0	110.0
77	144.2	57.8	97.8#
79	29.3	9.5	49.5

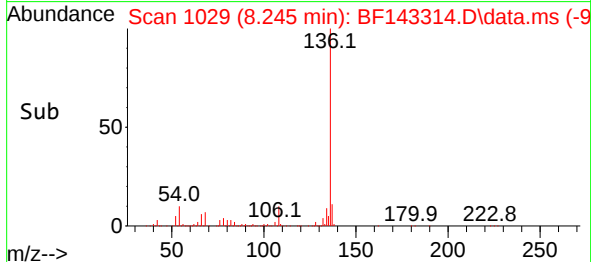
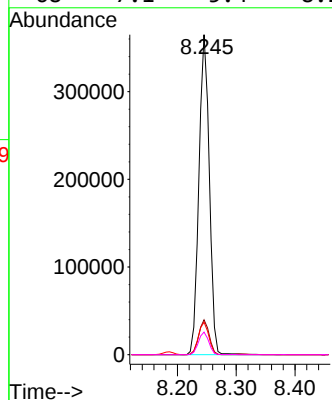
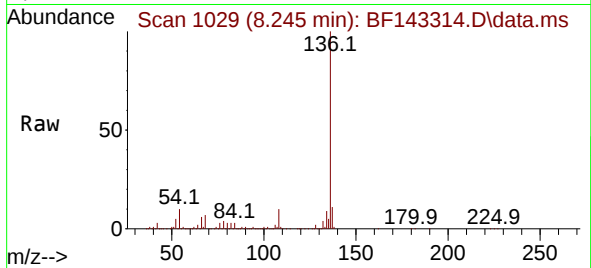




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

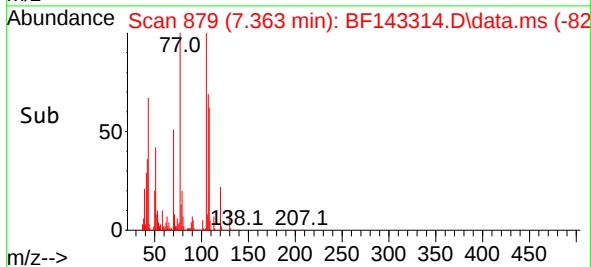
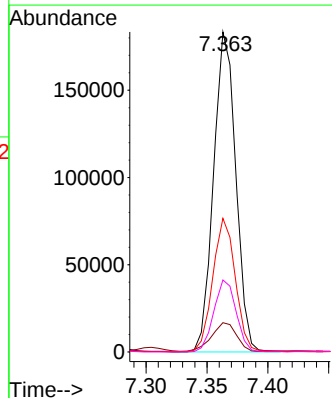
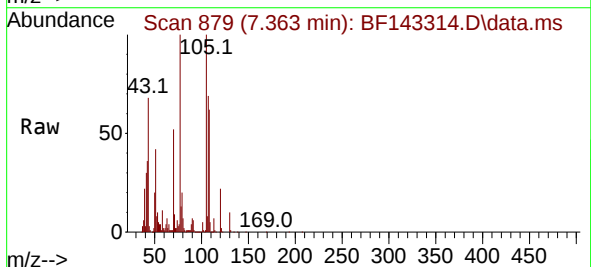
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

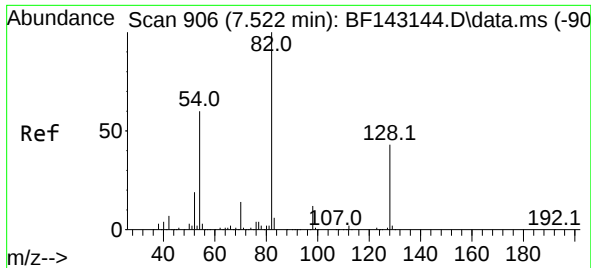
Tgt Ion:	136	Resp:	447775
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.1	8.2	12.2
68	7.1	5.4	8.2



#22
Acetophenone
Concen: 22.008 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:	105	Resp:	233314
Ion	Ratio	Lower	Upper
105	100		
71	9.2	5.8	8.6#
51	41.8	30.2	45.2
120	22.5	18.2	27.4

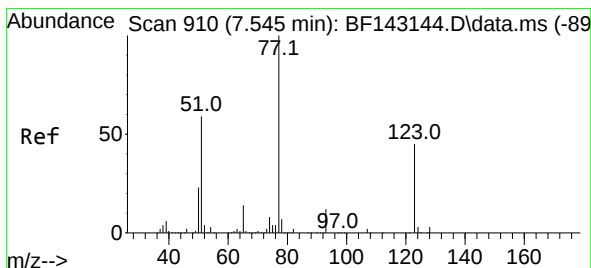
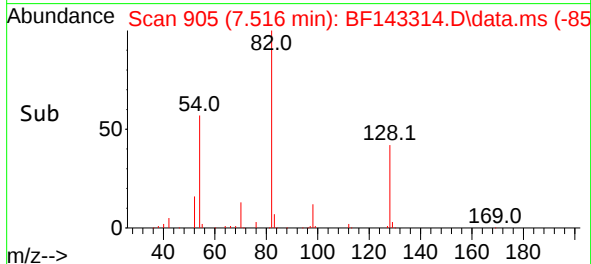
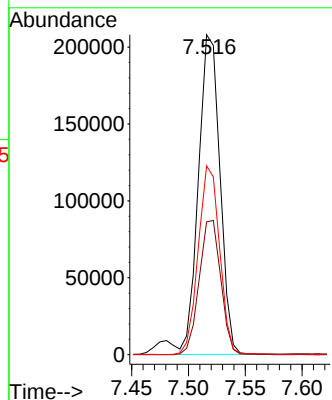
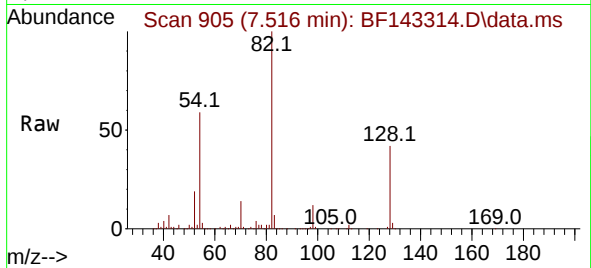




#23
Nitrobenzene-d5
Concen: 30.281 ng
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

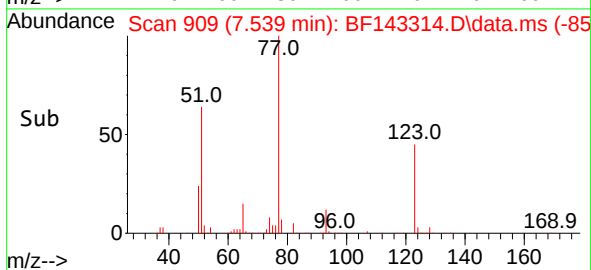
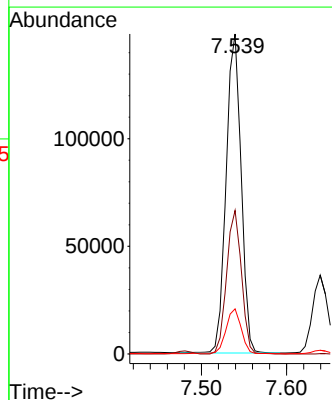
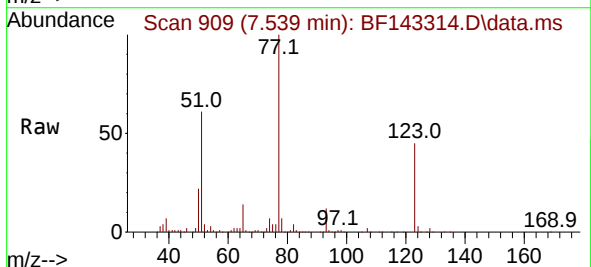
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

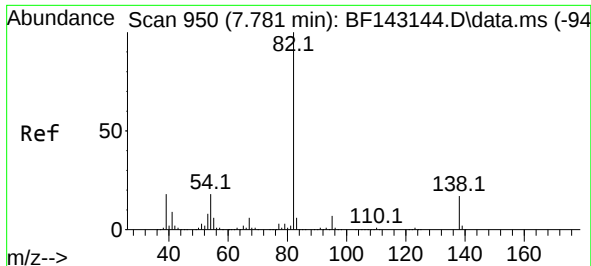
Tgt Ion: 82 Resp: 272013
Ion Ratio Lower Upper
82 100
128 41.5 33.6 50.4
54 59.0 47.1 70.7



#24
Nitrobenzene
Concen: 21.668 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion: 77 Resp: 181471
Ion Ratio Lower Upper
77 100
123 44.9 36.1 54.1
65 14.1 11.4 17.2

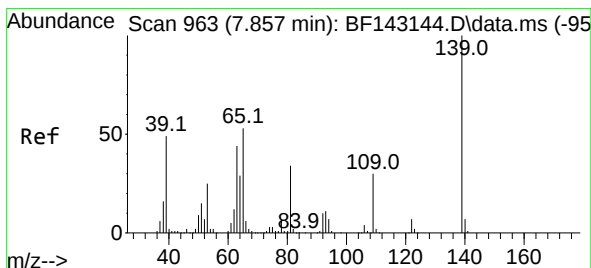
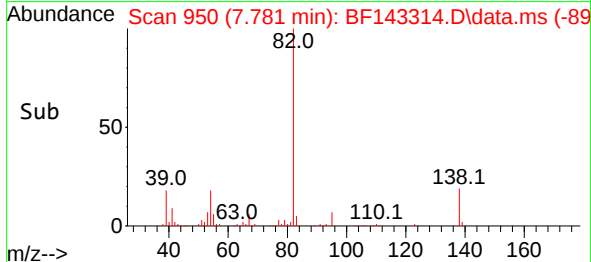
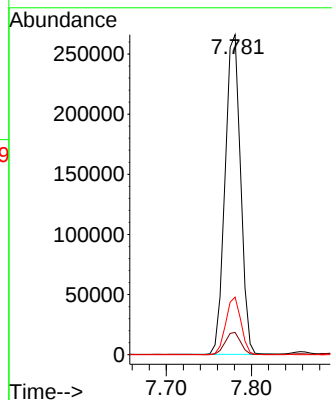
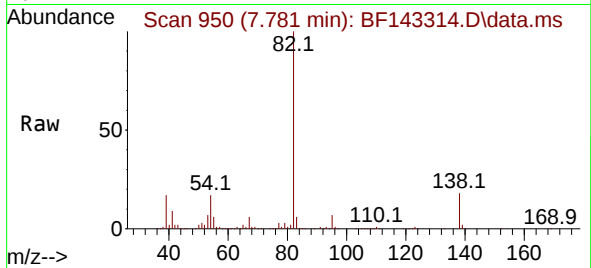




#25
Isophorone
Concen: 21.274 ng
RT: 7.781 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

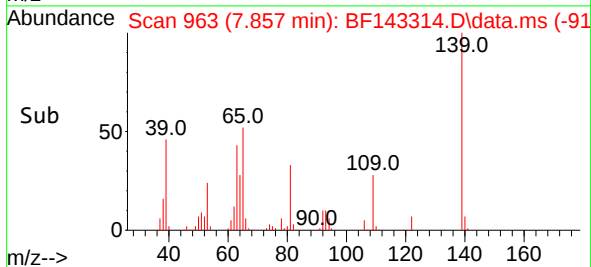
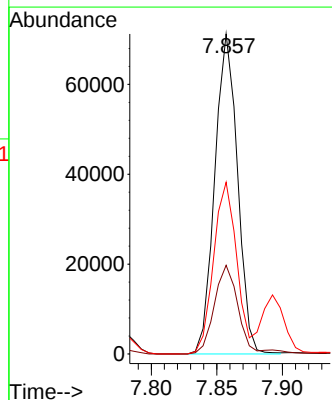
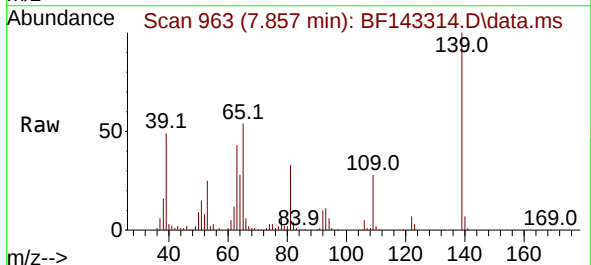
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BNA_F
ClientSampleId :
VNJ-253MSD

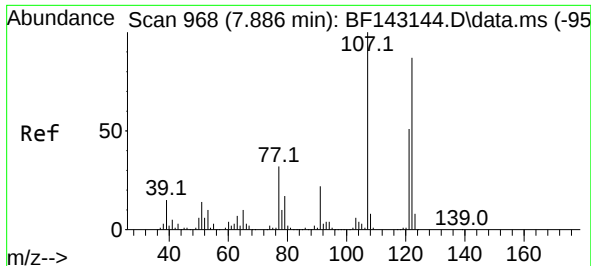
Tgt Ion: 82 Resp: 337361
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.0 13.8 20.8



#26
2-Nitrophenol
Concen: 23.623 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:139 Resp: 85862
Ion Ratio Lower Upper
139 100
109 27.7 23.6 35.4
65 53.7 42.6 64.0

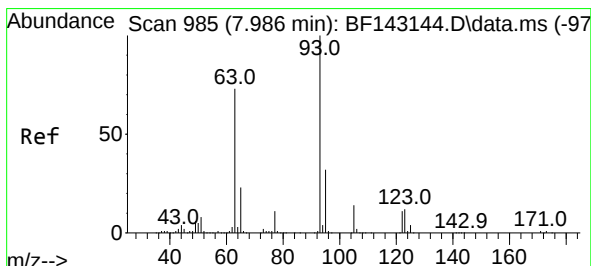
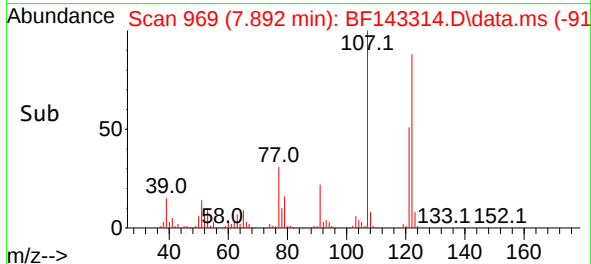
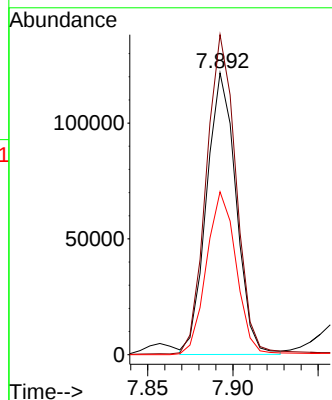
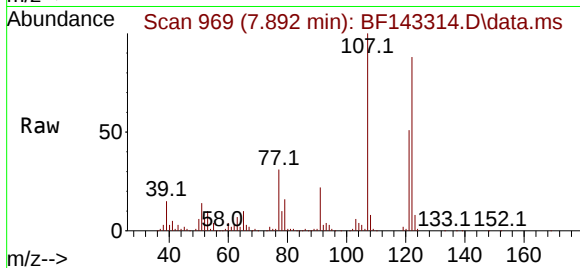




#27
2,4-Dimethylphenol
Concen: 19.844 ng
RT: 7.892 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

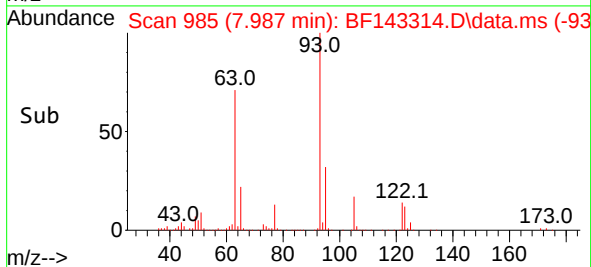
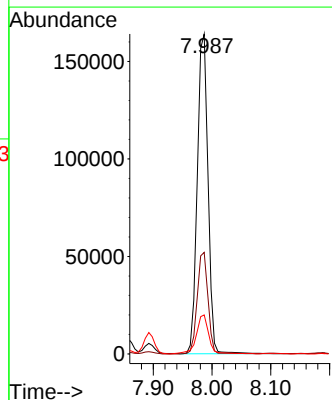
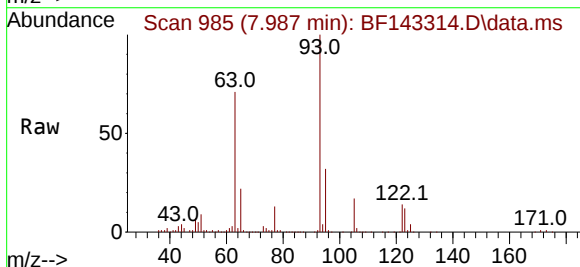
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

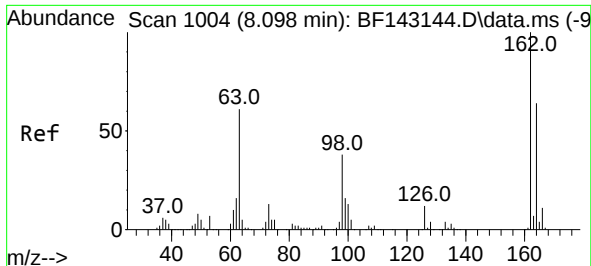
Tgt Ion:122 Resp: 147023
Ion Ratio Lower Upper
122 100
107 113.5 91.8 137.6
121 57.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 21.800 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion: 93 Resp: 207274
Ion Ratio Lower Upper
93 100
95 31.7 25.8 38.6
123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 20.362 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

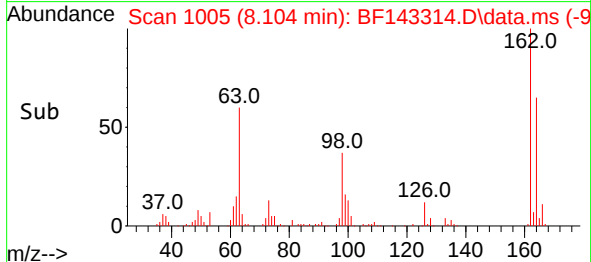
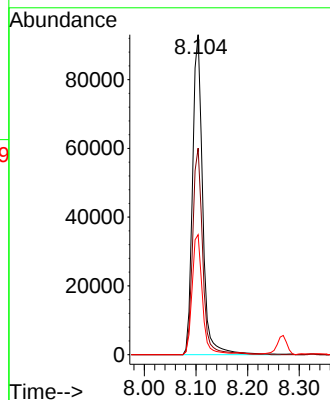
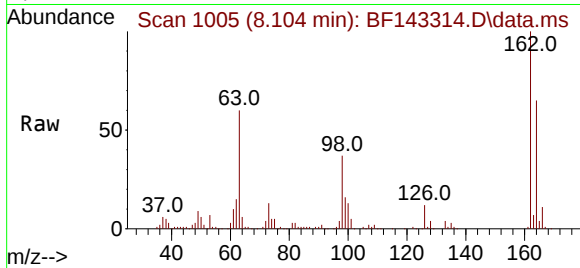
Tgt Ion:162 Resp: 127227

Ion Ratio Lower Upper

162 100

164 64.6 44.2 84.2

98 37.5 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 20.440 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

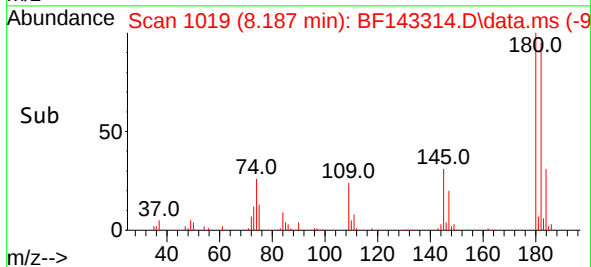
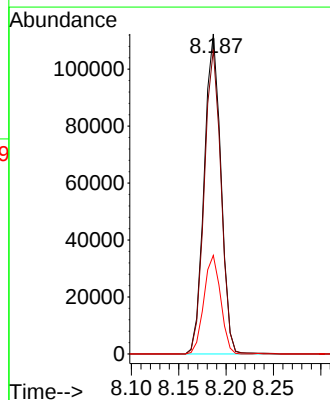
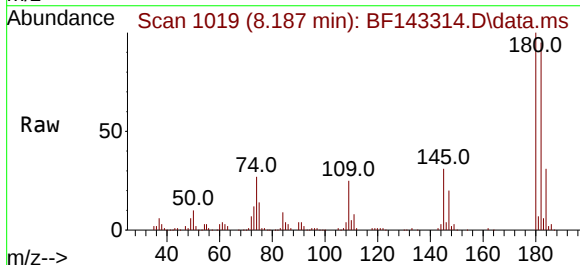
Tgt Ion:180 Resp: 137977

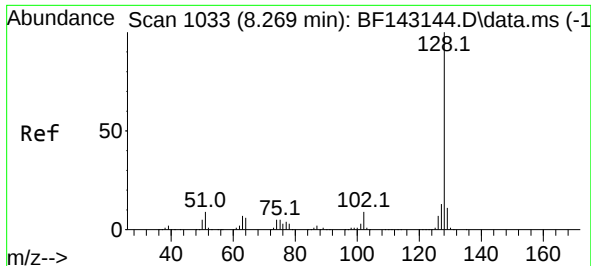
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 30.8 25.0 37.6

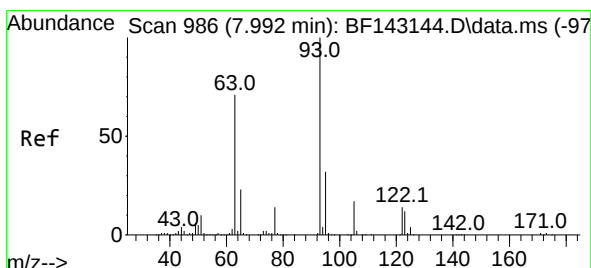
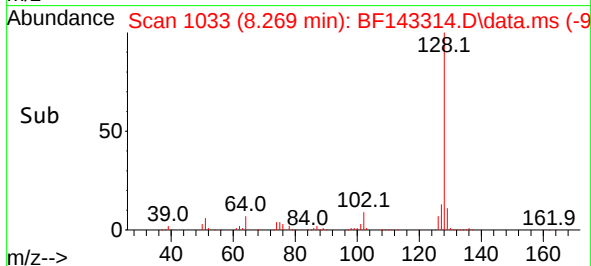
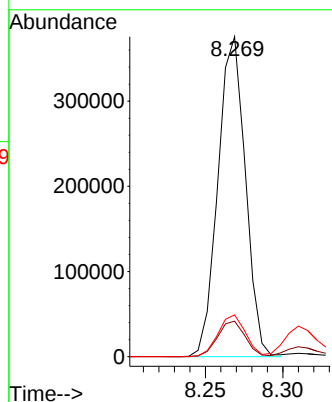
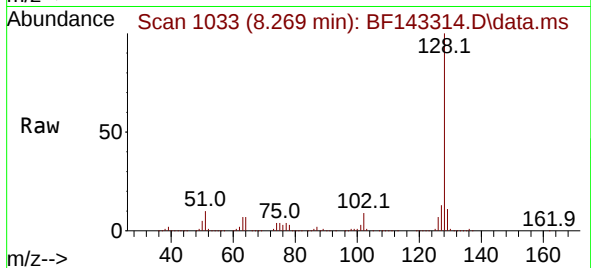




#31
Naphthalene
Concen: 20.989 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

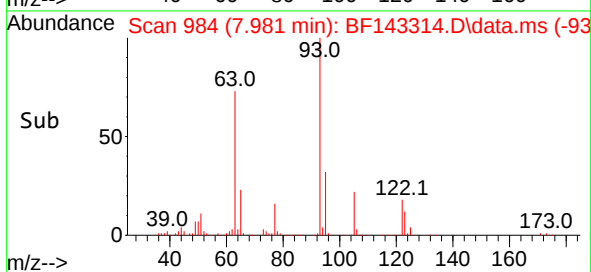
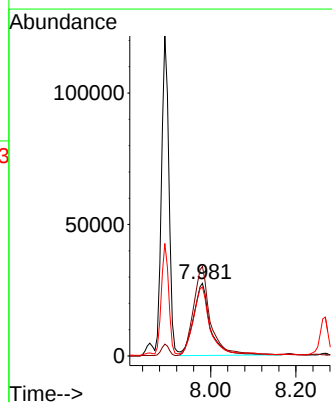
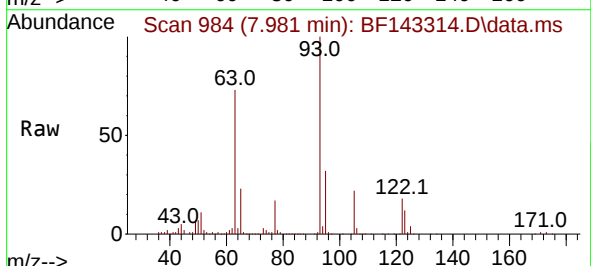
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Tgt Ion:128 Resp: 462850
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 21.260 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.011 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:122 Resp: 75233
Ion Ratio Lower Upper
122 100
105 123.3 104.8 144.8
77 94.9 77.6 117.6

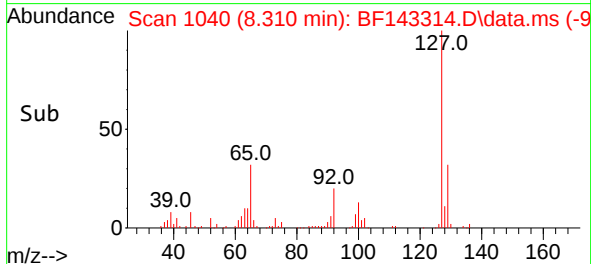
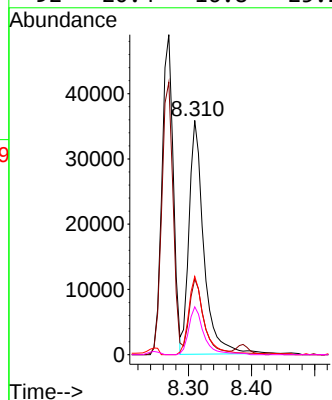
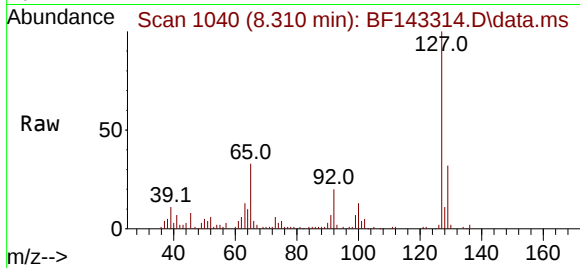




#33
4-Chloroaniline
Concen: 6.480 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

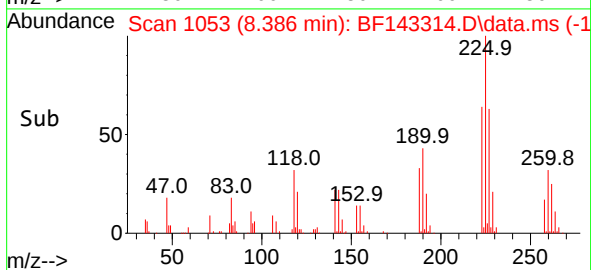
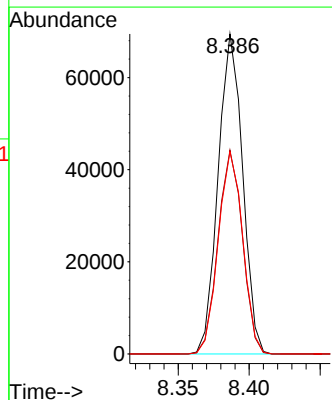
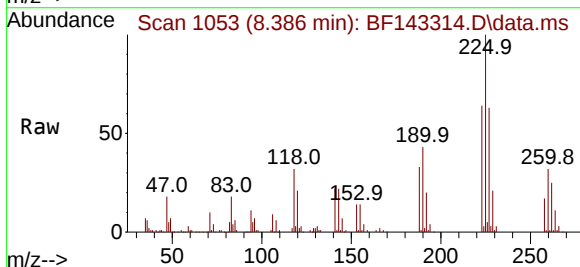
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

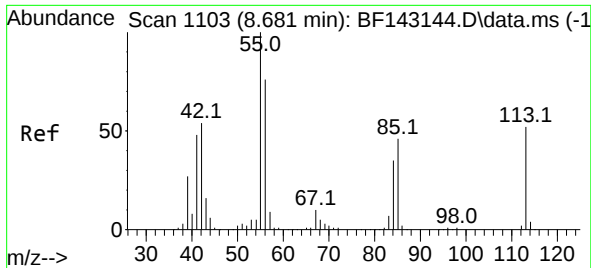
Tgt Ion:	127	Resp:	58350
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	33.4	27.4	41.2
92	20.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 20.166 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:	225	Resp:	83154
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	63.2	50.2	75.4

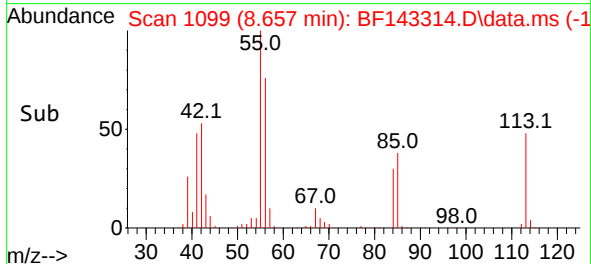
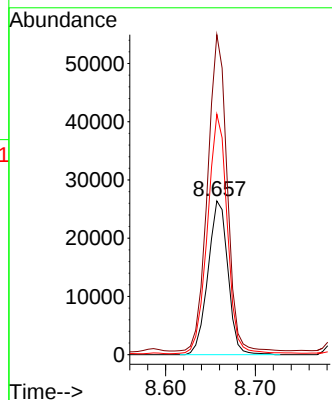
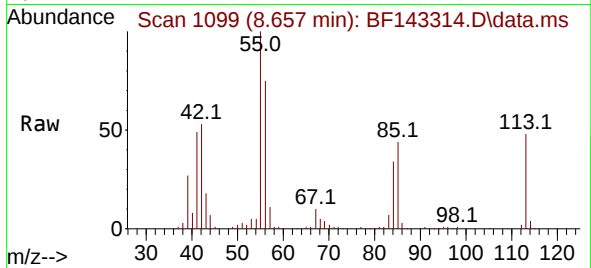




#35
 Caprolactam
 Concen: 21.558 ng
 RT: 8.657 min Scan# 1099
 Delta R.T. -0.023 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

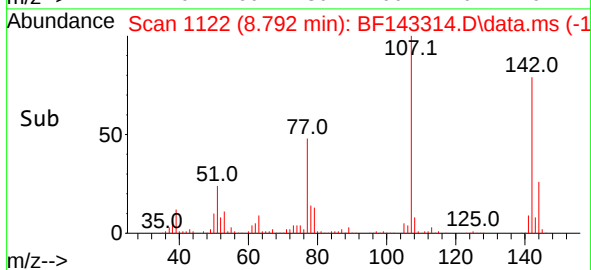
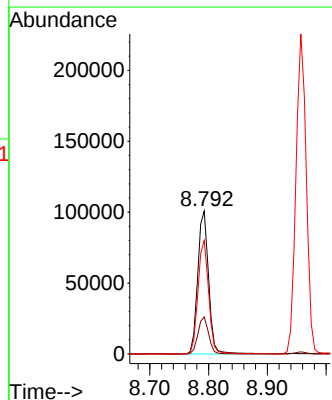
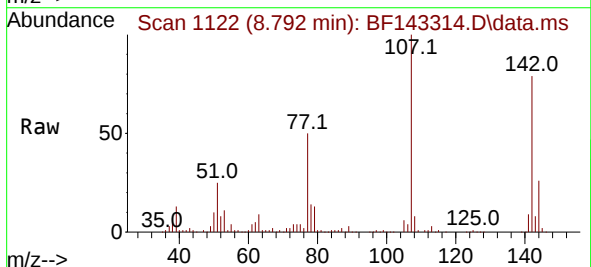
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MSD

Tgt Ion:113 Resp: 40704
 Ion Ratio Lower Upper
 113 100
 55 208.2 174.0 214.0
 56 156.4 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 19.116 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

Tgt Ion:107 Resp: 129818
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.8 29.6
 142 79.4 60.6 90.8





#37

2-Methylnaphthalene

Concen: 20.506 ng

RT: 8.957 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

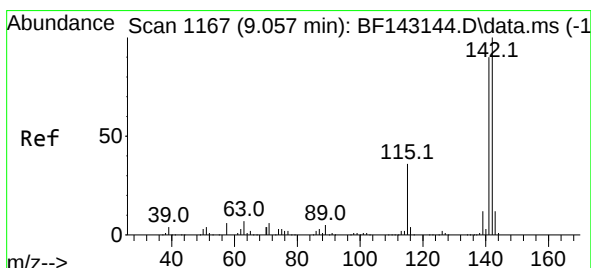
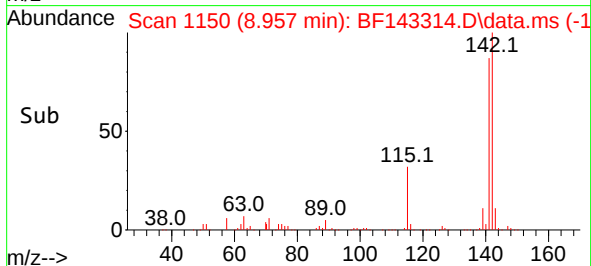
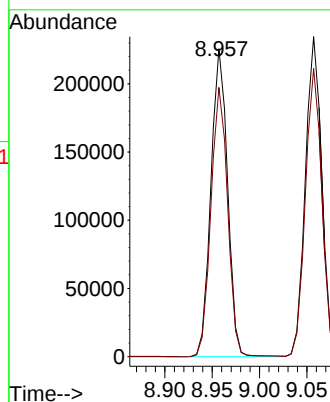
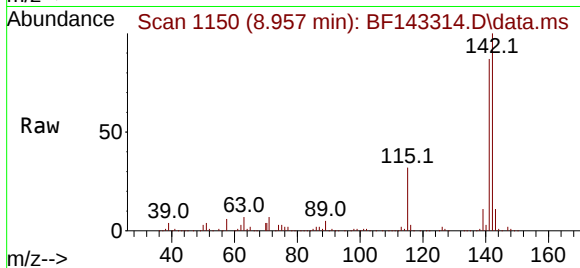
VNJ-253MSD

Tgt Ion:142 Resp: 275169

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 20.377 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF143314.D

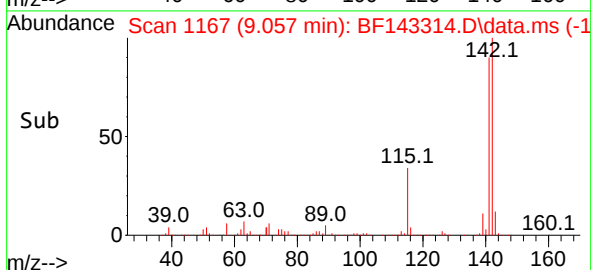
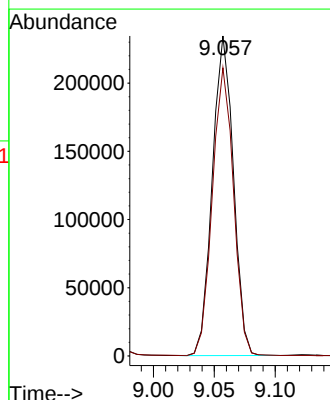
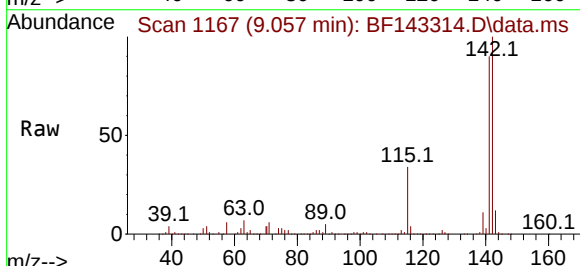
Acq: 05 Aug 2025 14:28

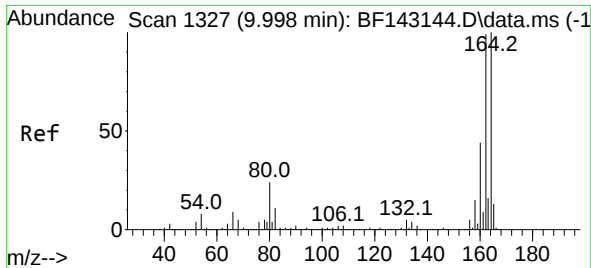
Tgt Ion:142 Resp: 281572

Ion Ratio Lower Upper

142 100

141 90.0 72.3 108.5

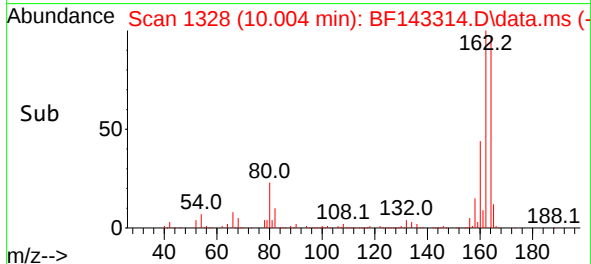
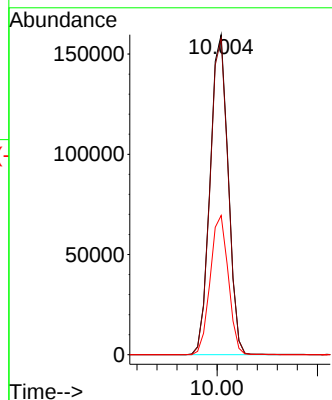
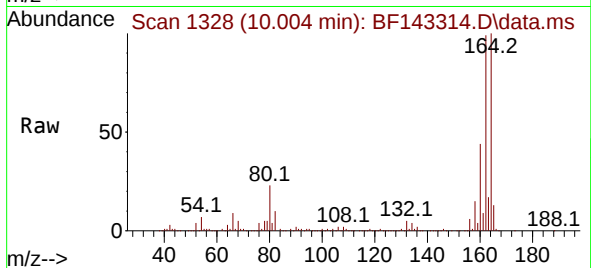




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

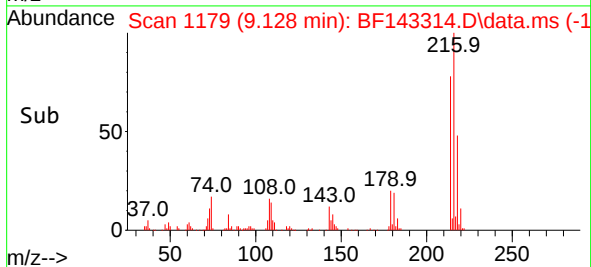
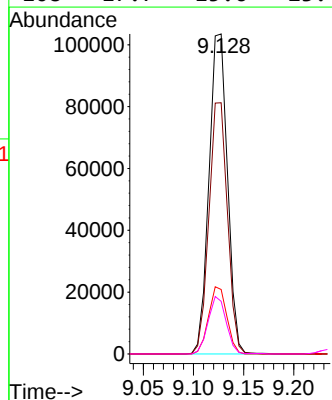
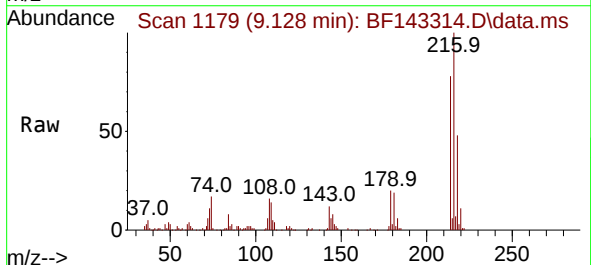
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MSD

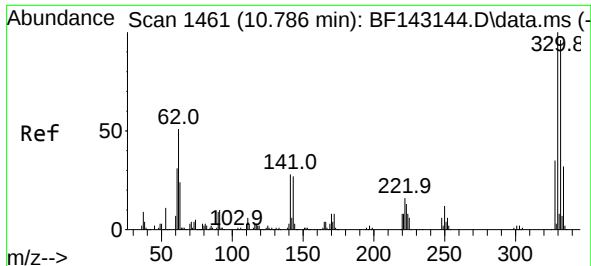
Tgt Ion:164 Resp: 200201
 Ion Ratio Lower Upper
 164 100
 162 98.8 79.0 118.6
 160 43.5 35.1 52.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.003 ng
 RT: 9.128 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

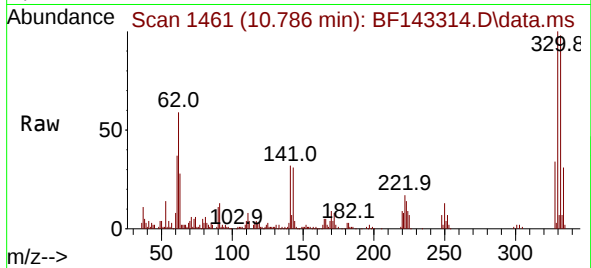
Tgt Ion:216 Resp: 132955
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.8 95.8
 179 20.7 16.4 24.6
 108 17.7 15.6 23.4



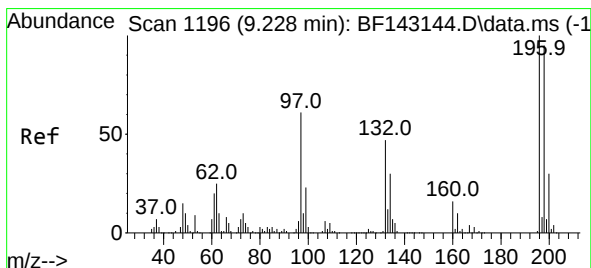
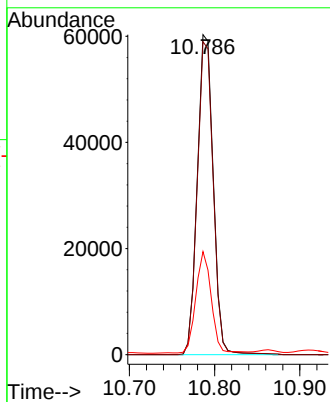
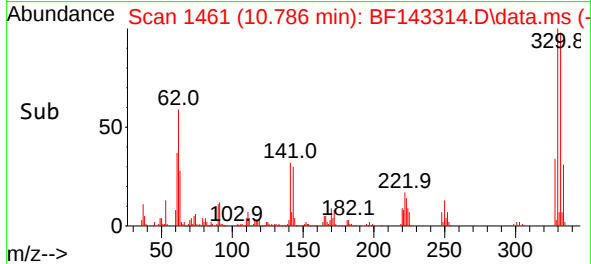


#42
2,4,6-Tribromophenol
Concen: 37.979 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

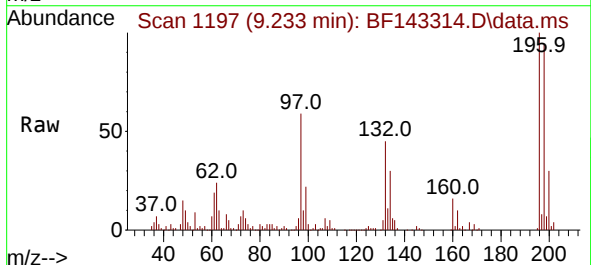
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD



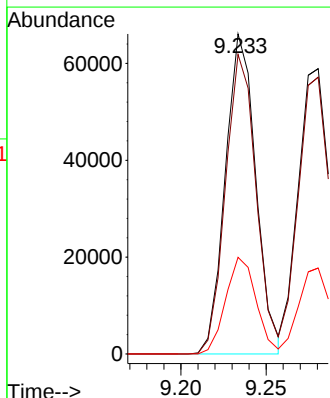
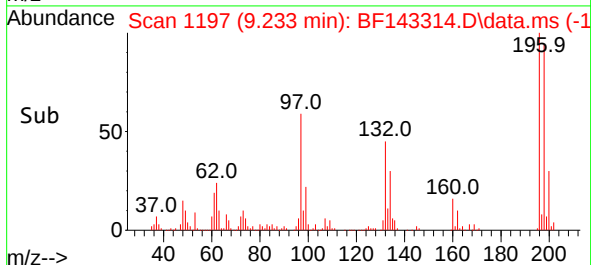
Tgt Ion:330 Resp: 78547
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 30.8 23.3 34.9

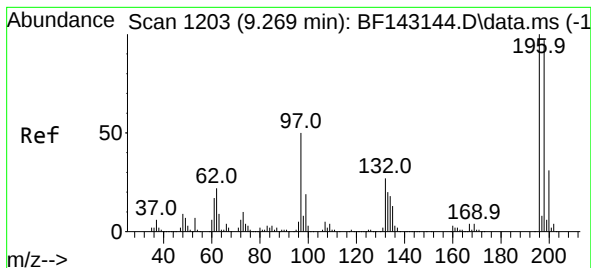


#43
2,4,6-Trichlorophenol
Concen: 20.543 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28



Tgt Ion:196 Resp: 82178
Ion Ratio Lower Upper
196 100
198 93.6 76.2 114.2
200 30.2 23.9 35.9





#44

2,4,5-Trichlorophenol

Concen: 19.780 ng

RT: 9.281 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

Tgt Ion:196 Resp: 79149

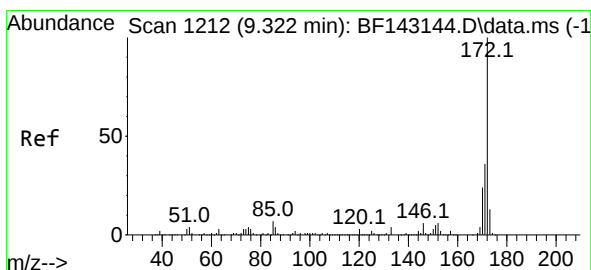
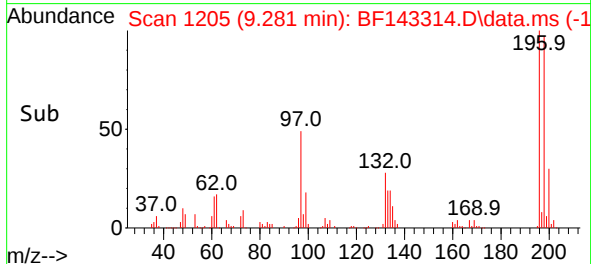
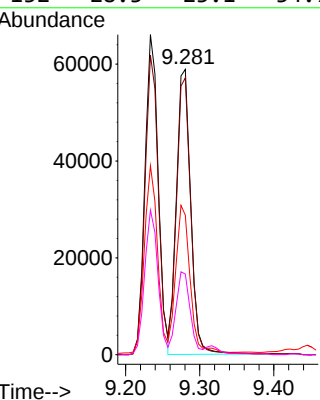
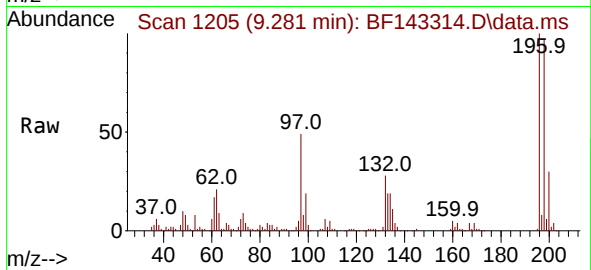
Ion Ratio Lower Upper

196 100

198 97.0 77.3 115.9

97 48.9 40.3 60.5

132 28.3 23.1 34.7



#45

2-Fluorobiphenyl

Concen: 32.232 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

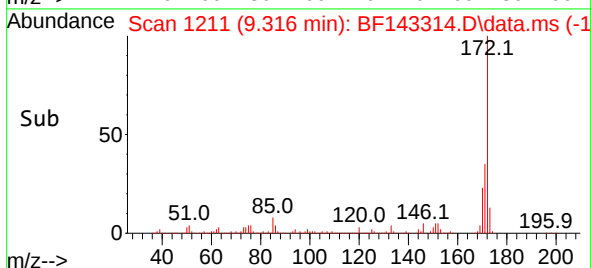
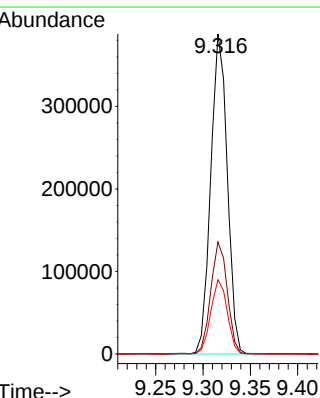
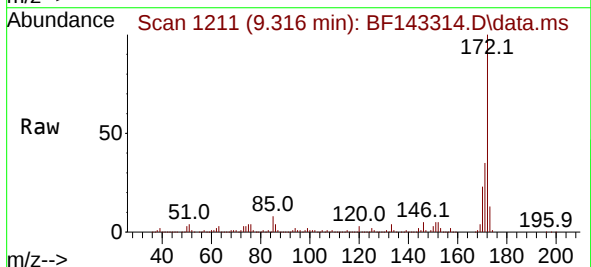
Tgt Ion:172 Resp: 471839

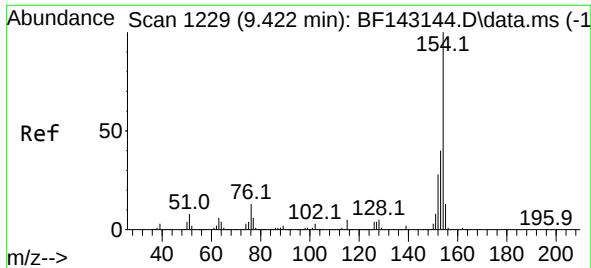
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.2 18.8 28.2

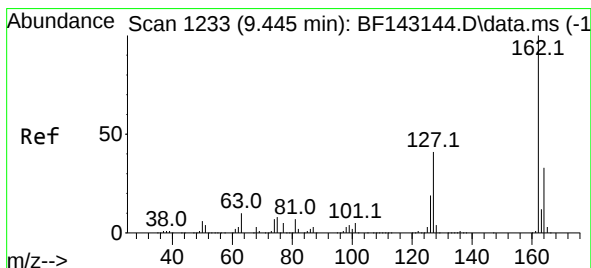
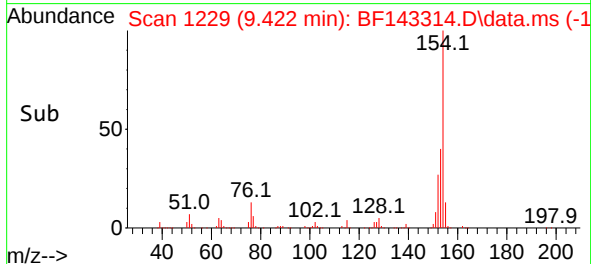
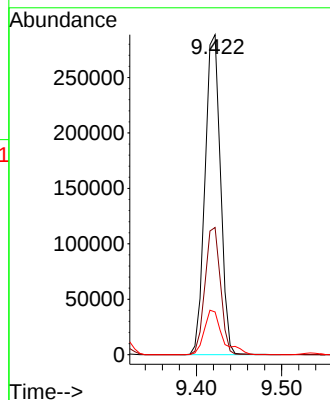
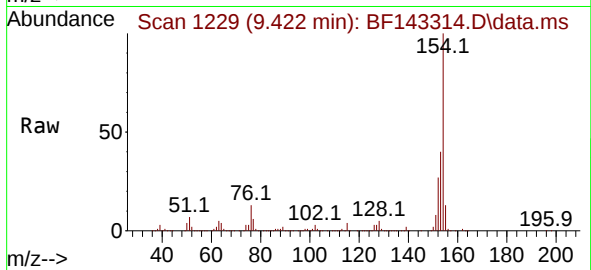




#46
 1,1'-Biphenyl
 Concen: 23.288 ng
 RT: 9.422 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

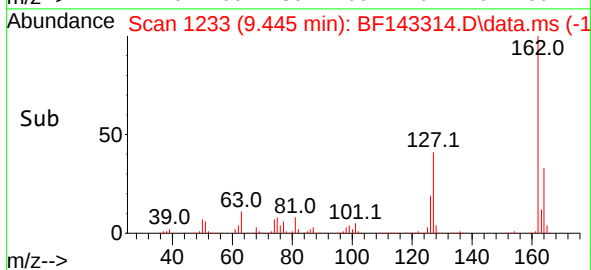
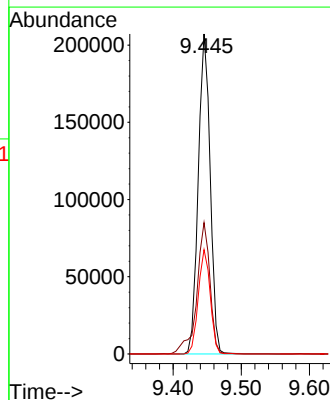
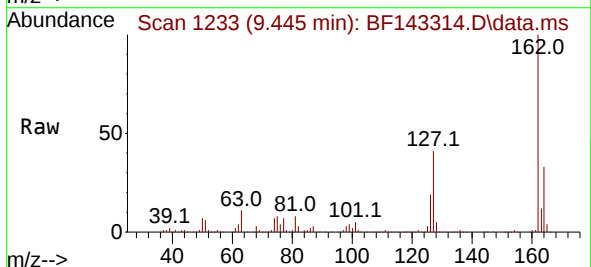
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MSD

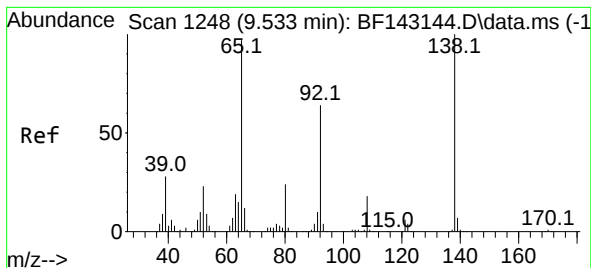
Tgt Ion:154 Resp: 363752
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.3 60.3
 76 13.4 0.0 33.3



#47
 2-Chloronaphthalene
 Concen: 21.762 ng
 RT: 9.445 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

Tgt Ion:162 Resp: 251508
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.4 50.2
 164 32.6 26.2 39.2





#48

2-Nitroaniline

Concen: 23.258 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

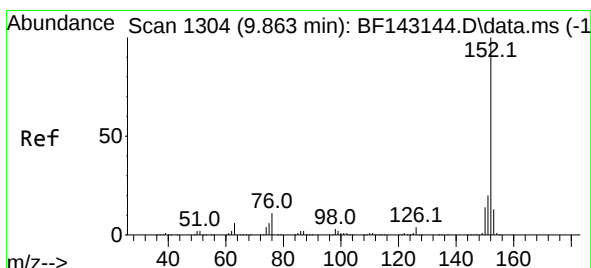
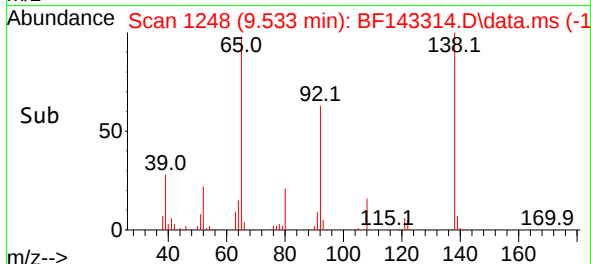
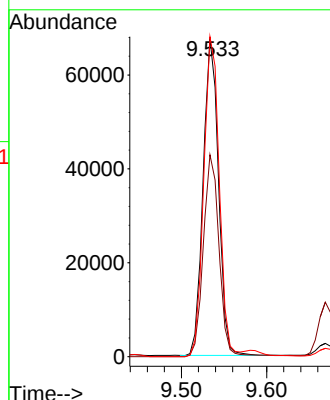
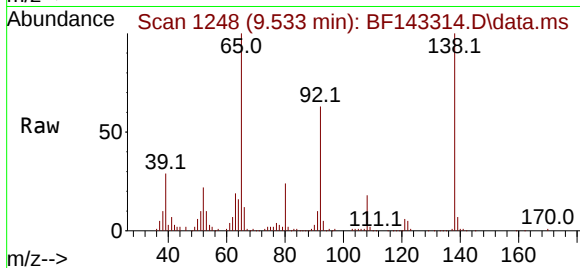
Tgt Ion: 65 Resp: 84294

Ion Ratio Lower Upper

65 100

92 63.4 52.4 78.6

138 100.5 82.3 123.5



#49

Acenaphthylene

Concen: 21.259 ng

RT: 9.863 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

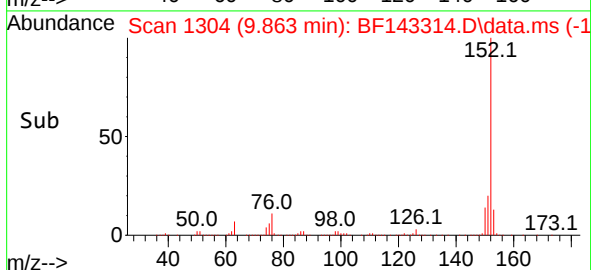
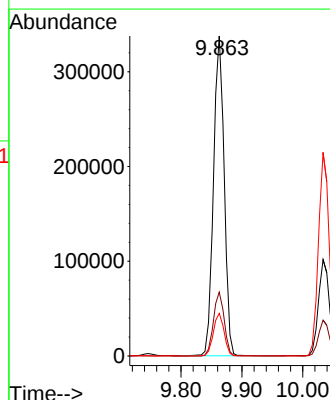
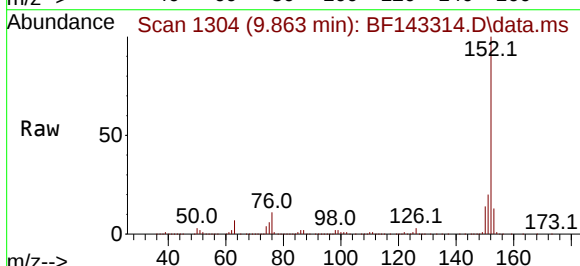
Tgt Ion:152 Resp: 411753

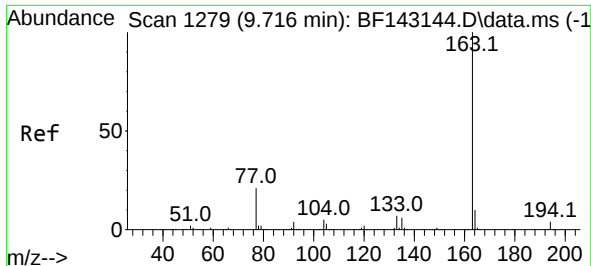
Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.3 10.6 16.0

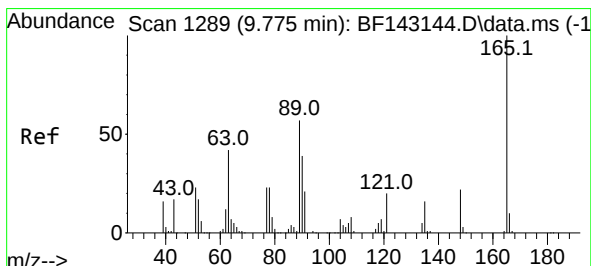
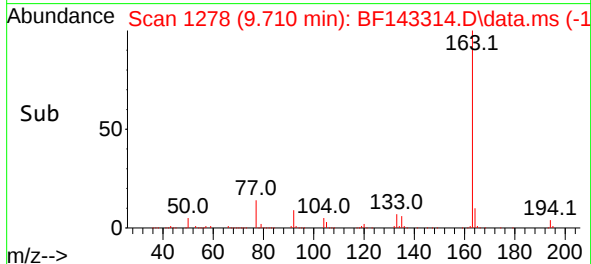
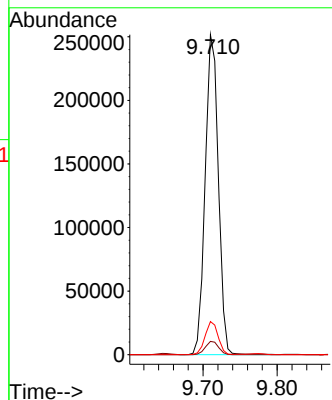
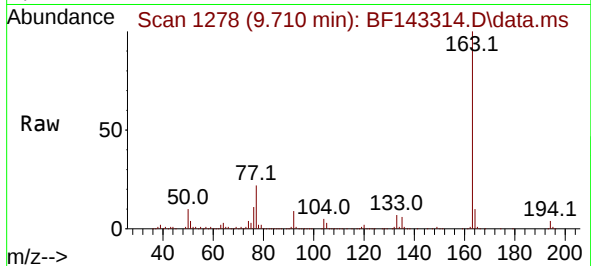




#50
Dimethylphthalate
Concen: 23.904 ng
RT: 9.710 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

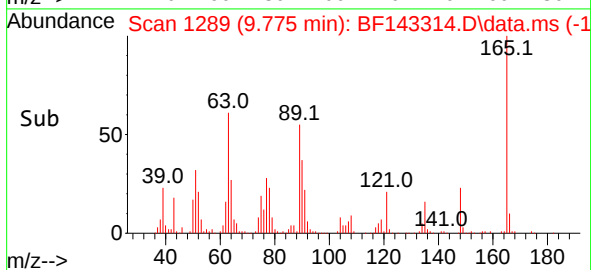
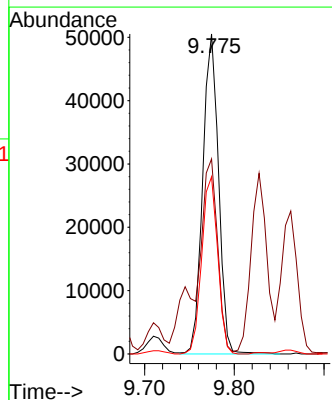
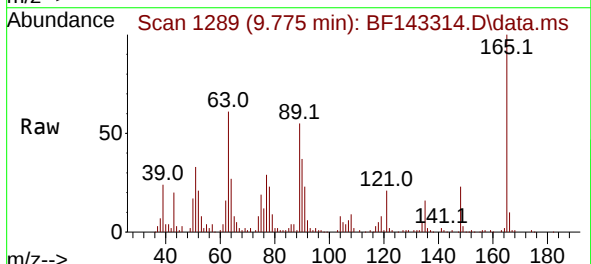
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

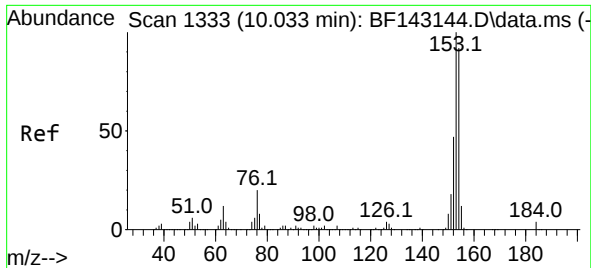
Tgt Ion:163 Resp: 311940
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.3 12.5



#51
2,6-Dinitrotoluene
Concen: 23.308 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:165 Resp: 61876
Ion Ratio Lower Upper
165 100
63 60.9 49.4 74.2
89 55.3 46.2 69.2

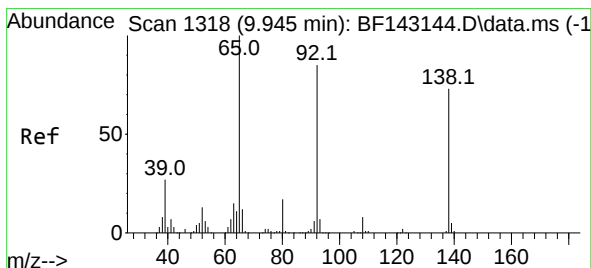
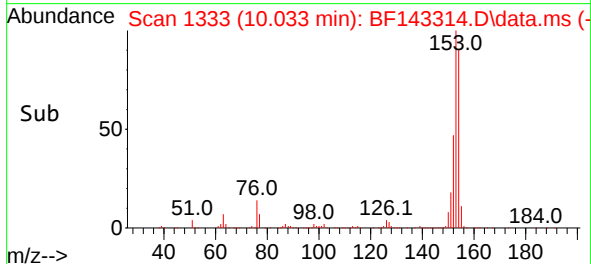
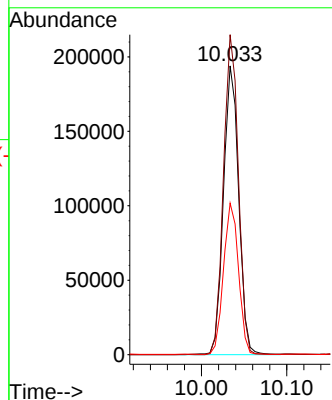
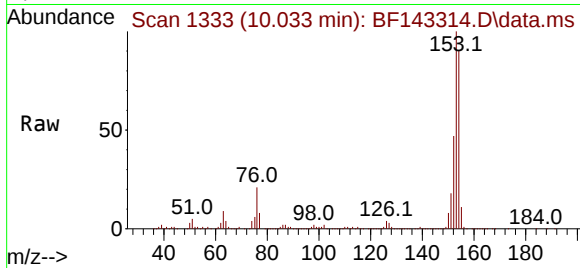




#52
Acenaphthene
Concen: 21.045 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

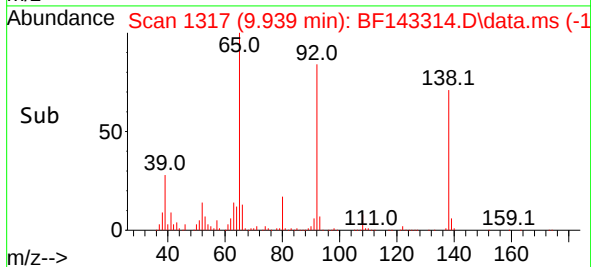
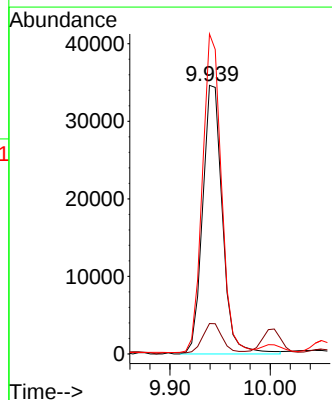
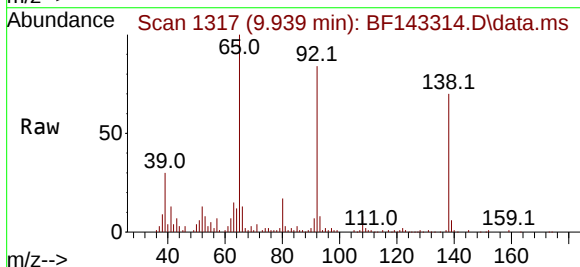
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

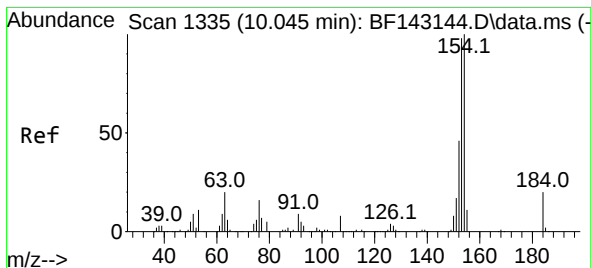
Tgt Ion:154 Resp: 240916
Ion Ratio Lower Upper
154 100
153 110.8 86.6 129.8
152 52.5 40.4 60.6



#53
3-Nitroaniline
Concen: 15.343 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:138 Resp: 47642
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 119.1 93.0 139.4





#54

2,4-Dinitrophenol

Concen: 12.695 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

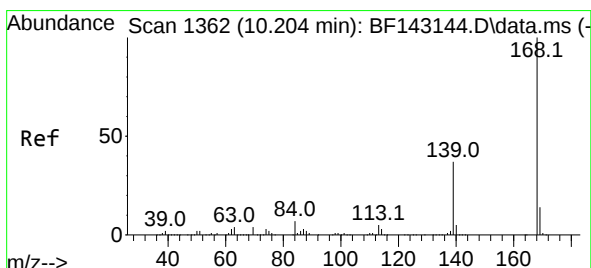
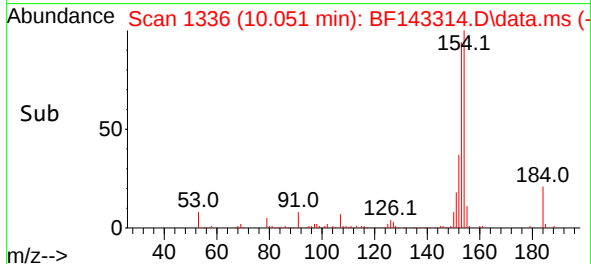
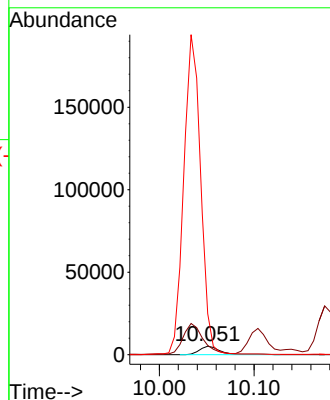
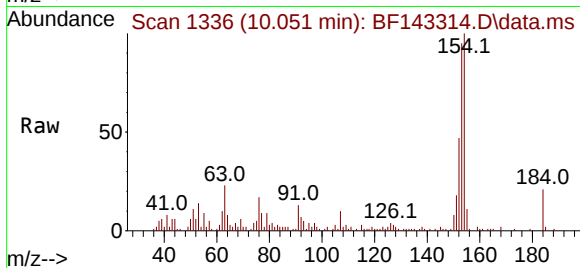
Tgt Ion:184 Resp: 7916

Ion Ratio Lower Upper

184 100

63 108.1 81.8 122.6

154 478.2 412.2 618.4



#55

Dibenzofuran

Concen: 20.705 ng

RT: 10.204 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

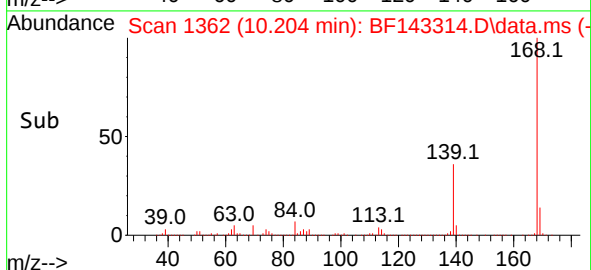
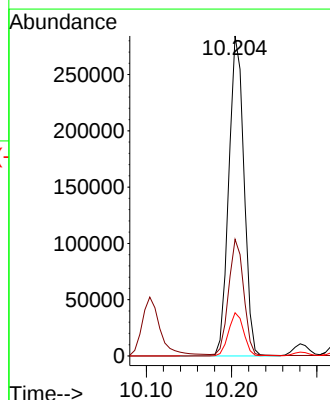
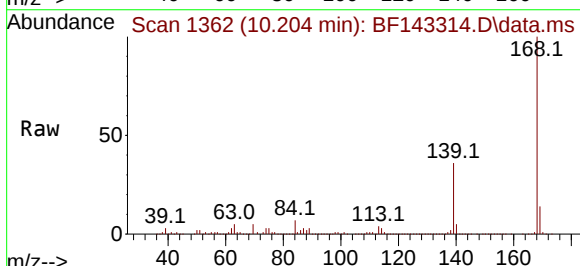
Tgt Ion:168 Resp: 351909

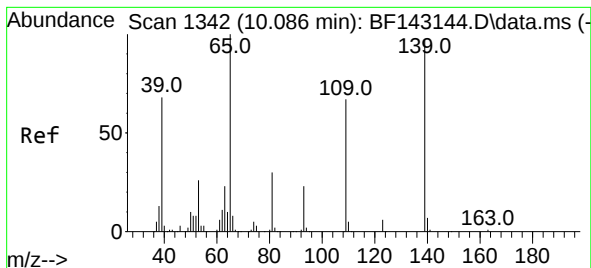
Ion Ratio Lower Upper

168 100

139 36.4 29.5 44.3

169 13.5 10.9 16.3

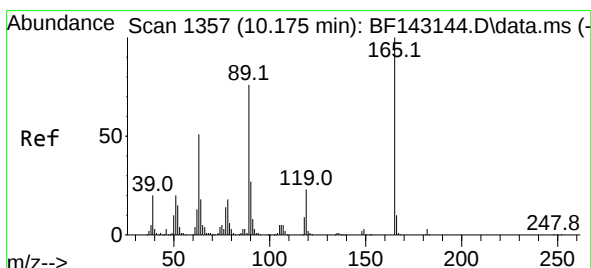
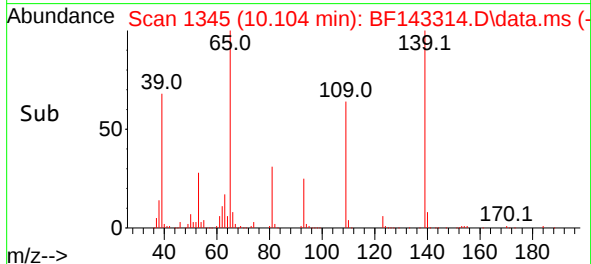
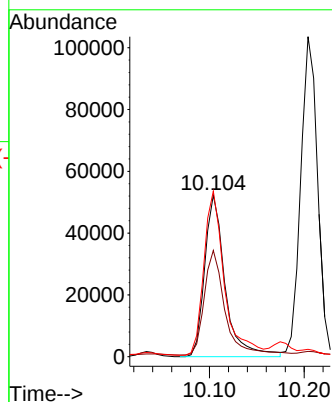
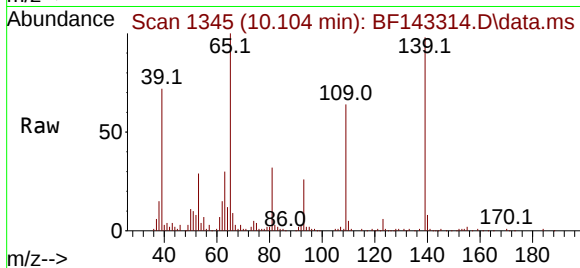




#56
4-Nitrophenol
Concen: 33.834 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

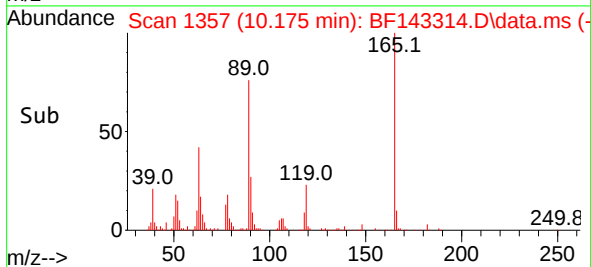
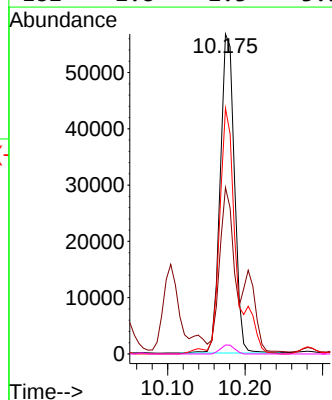
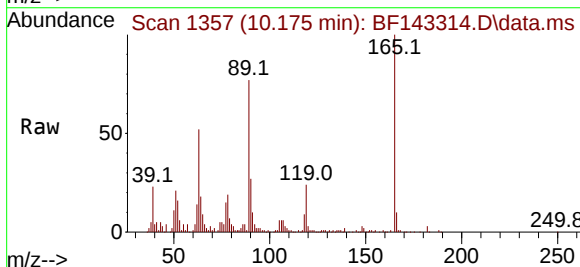
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

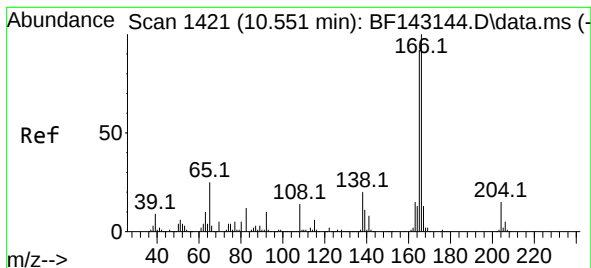
Tgt Ion:139 Resp: 78452
Ion Ratio Lower Upper
139 100
109 65.7 48.5 88.5
65 102.5 83.4 123.4



#57
2,4-Dinitrotoluene
Concen: 21.694 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:165 Resp: 72252
Ion Ratio Lower Upper
165 100
63 52.1 41.0 61.4
89 76.8 61.1 91.7
182 2.8 2.3 3.5





#58

Fluorene

Concen: 20.456 ng

RT: 10.551 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

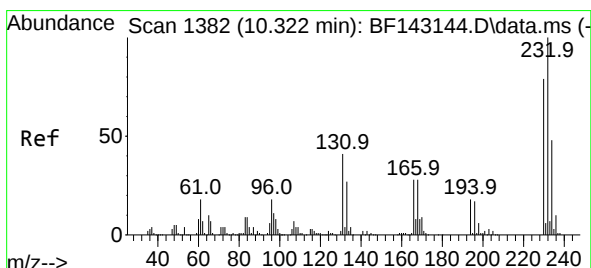
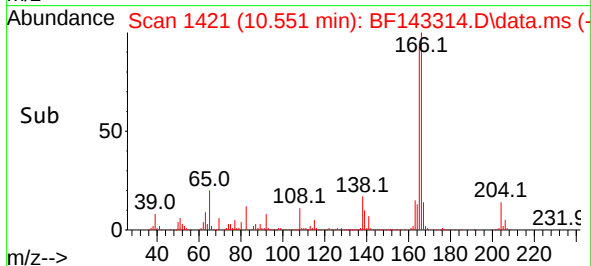
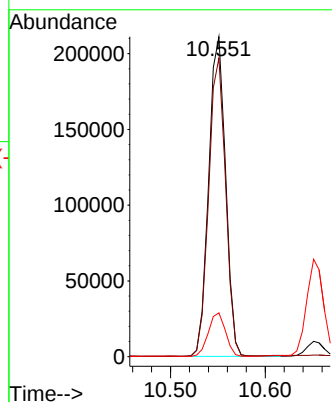
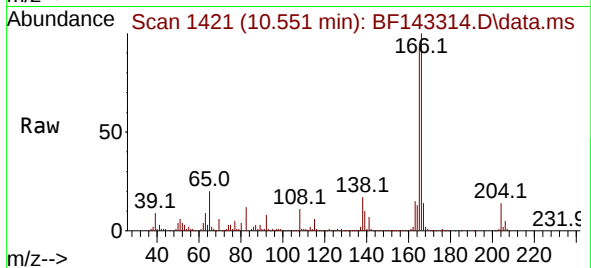
Tgt Ion:166 Resp: 260939

Ion Ratio Lower Upper

166 100

165 93.3 73.7 110.5

167 13.7 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 18.300 ng

RT: 10.328 min Scan# 1383

Delta R.T. 0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Tgt Ion:232 Resp: 60657

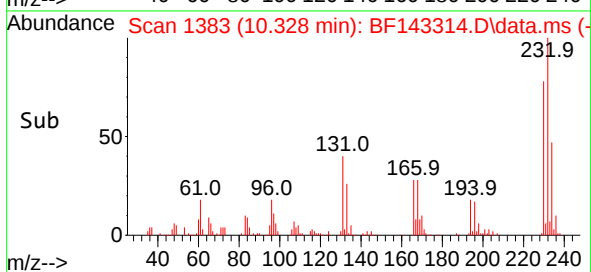
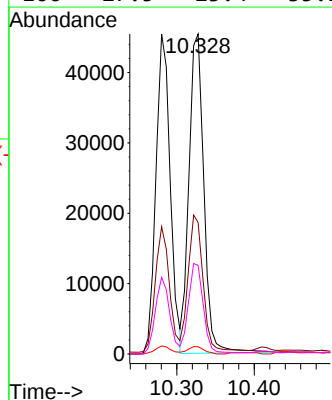
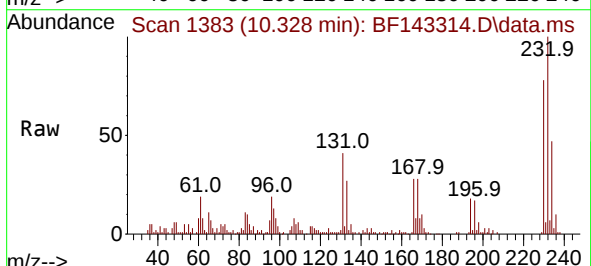
Ion Ratio Lower Upper

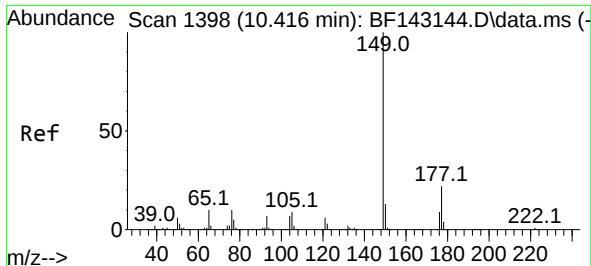
232 100

131 41.9 35.3 52.9

130 2.5 1.7 2.5

166 27.5 23.4 35.2

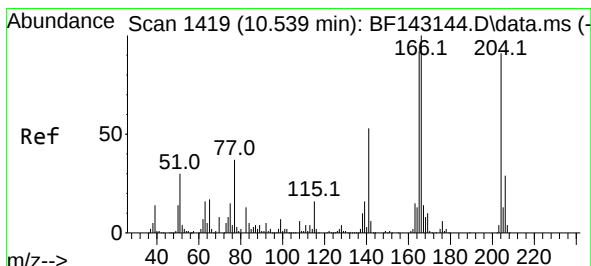
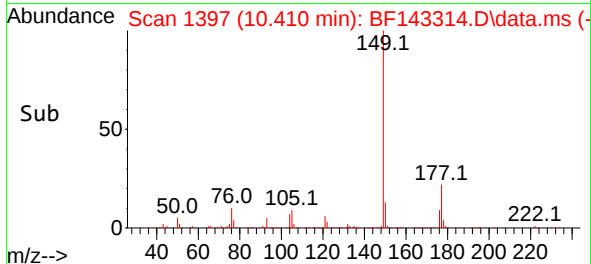
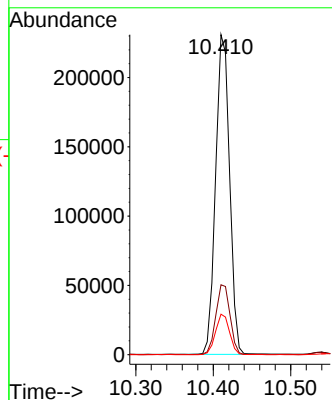
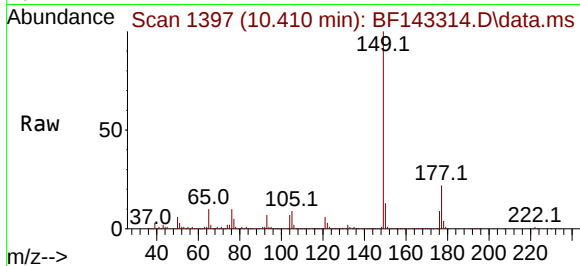




#60
Diethylphthalate
Concen: 22.388 ng
RT: 10.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

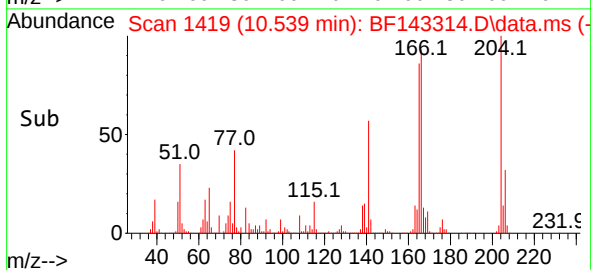
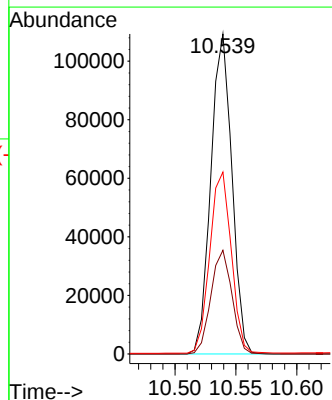
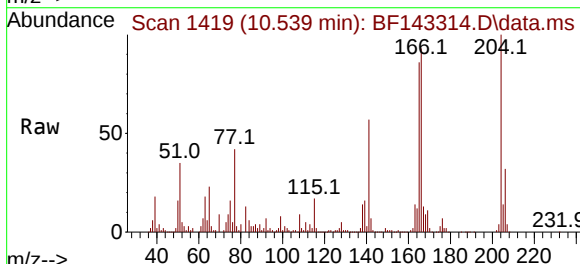
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

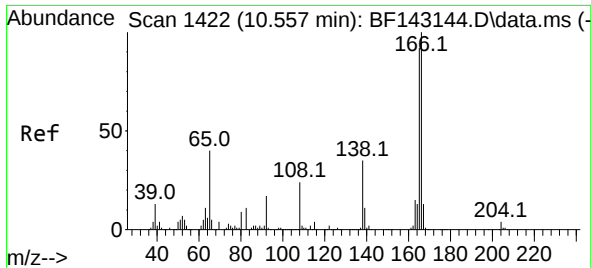
Tgt Ion:149 Resp: 288769
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.6 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 20.703 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:204 Resp: 131501
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 56.9 47.0 70.4

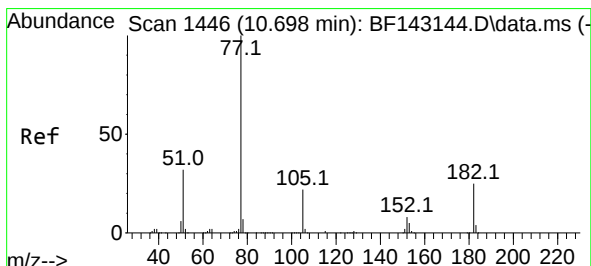
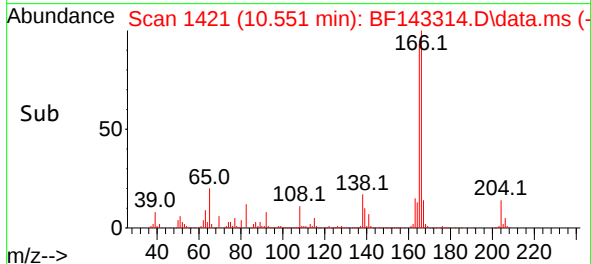
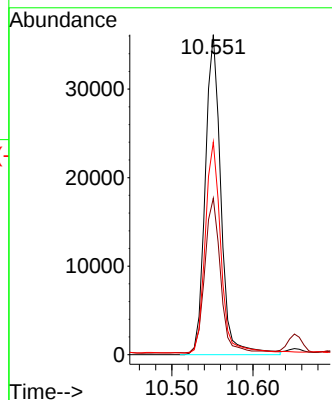
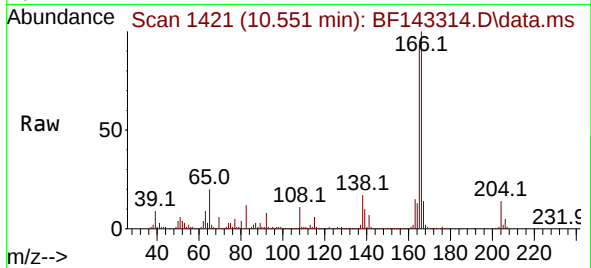




#62
4-Nitroaniline
Concen: 18.161 ng
RT: 10.551 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

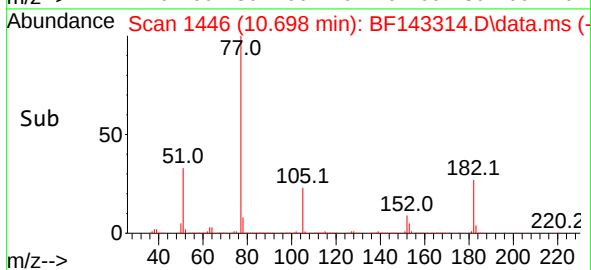
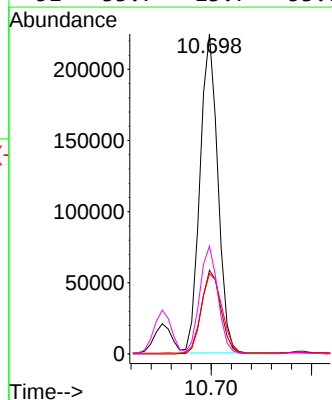
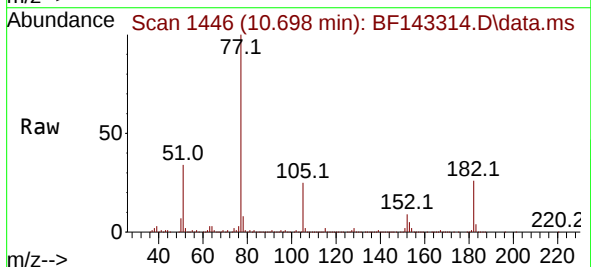
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

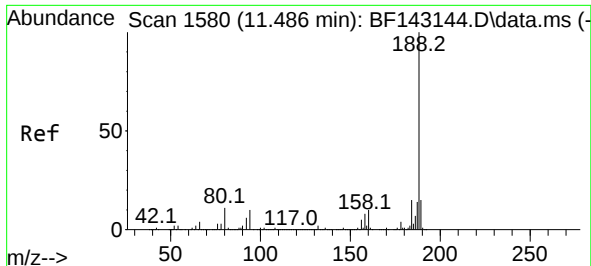
Tgt Ion:138 Resp: 48330
Ion Ratio Lower Upper
138 100
92 48.9 29.3 69.3
108 66.4 48.3 88.3



#63
Azobenzene
Concen: 20.585 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion: 77 Resp: 276717
Ion Ratio Lower Upper
77 100
182 26.1 4.6 44.6
105 25.1 1.4 41.4
51 33.7 13.7 53.7

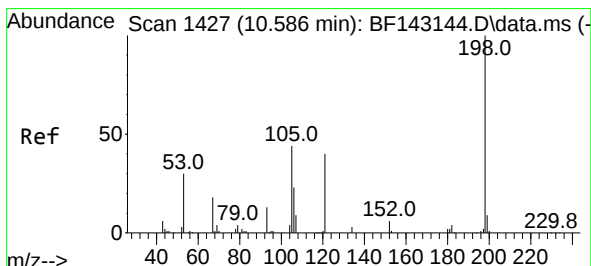
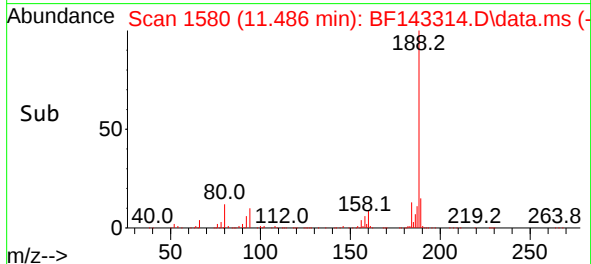
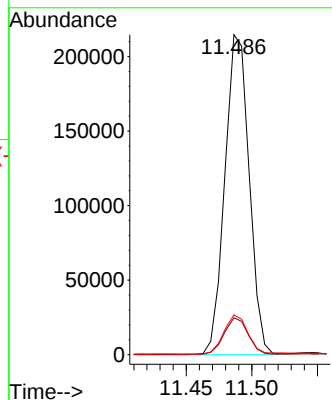
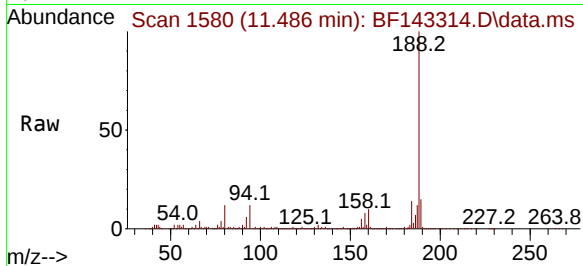




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

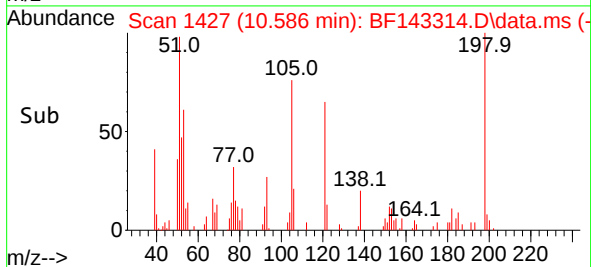
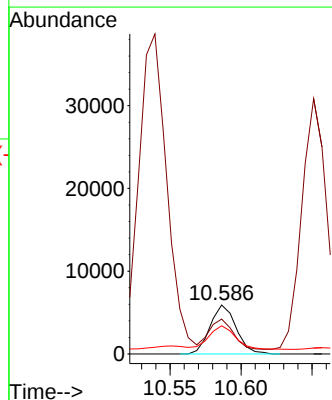
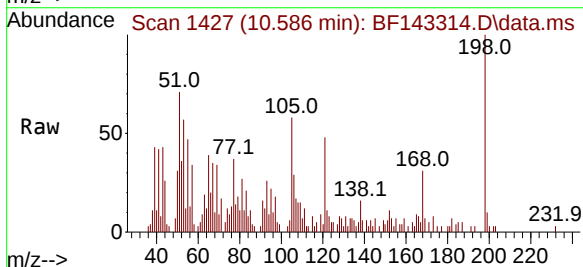
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

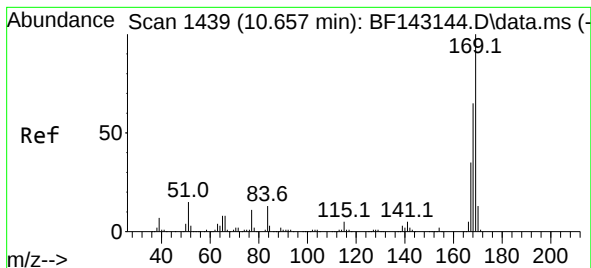
Tgt Ion:188 Resp: 276419
Ion Ratio Lower Upper
188 100
94 11.5 8.3 12.5
80 12.5 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 9.992 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:198 Resp: 7479
Ion Ratio Lower Upper
198 100
51 71.5 37.2 77.2
105 57.5 24.8 64.8





#66

n-Nitrosodiphenylamine

Concen: 23.016 ng

RT: 10.651 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

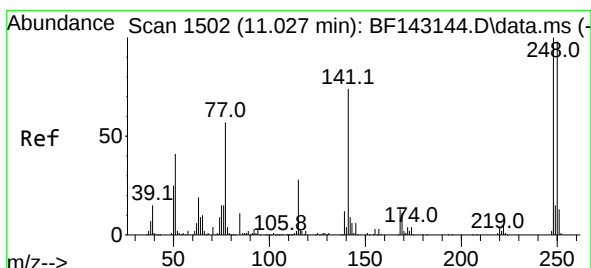
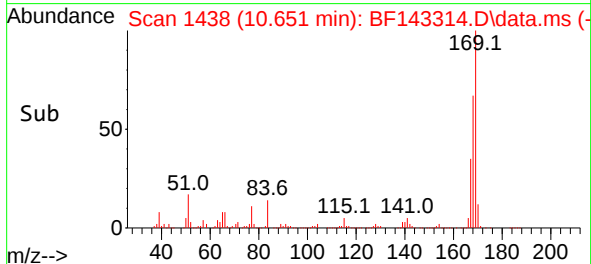
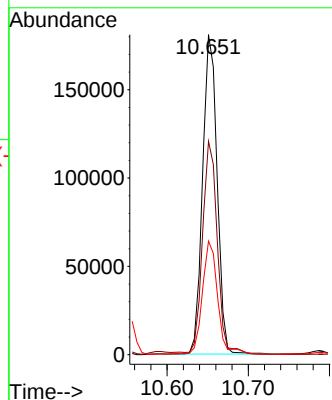
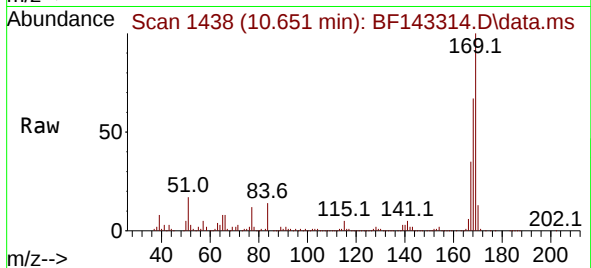
Tgt Ion:169 Resp: 224032

Ion Ratio Lower Upper

169 100

168 66.7 52.1 78.1

167 35.5 28.2 42.2



#67

4-Bromophenyl-phenylether

Concen: 21.978 ng

RT: 11.027 min Scan# 1502

Delta R.T. 0.000 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

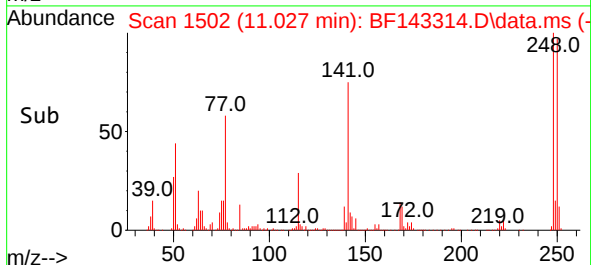
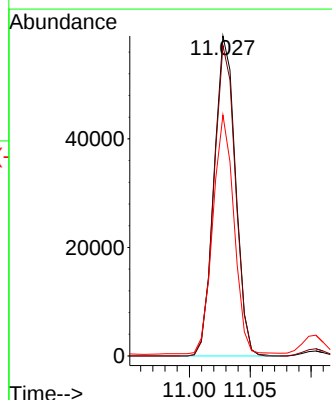
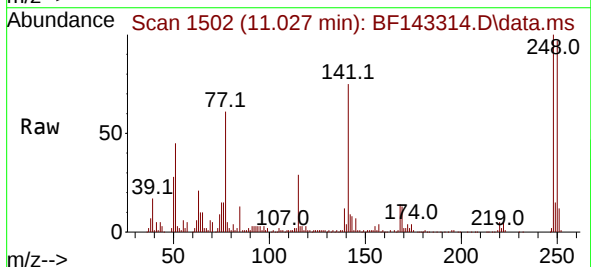
Tgt Ion:248 Resp: 72398

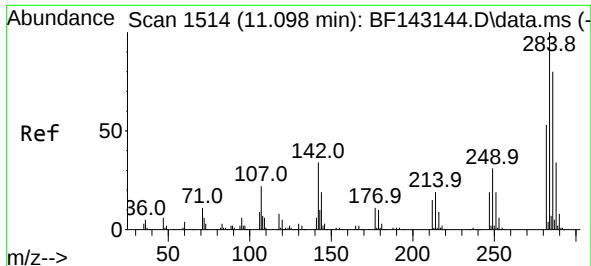
Ion Ratio Lower Upper

248 100

250 97.1 78.3 117.5

141 75.3 59.2 88.8

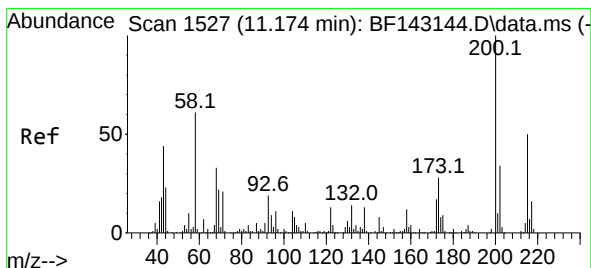
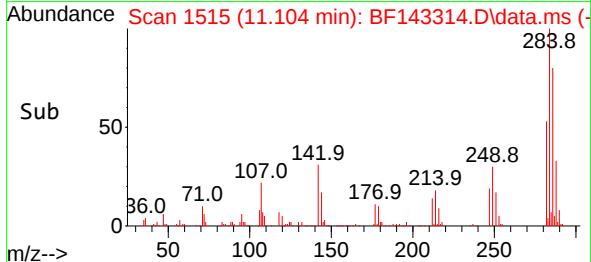
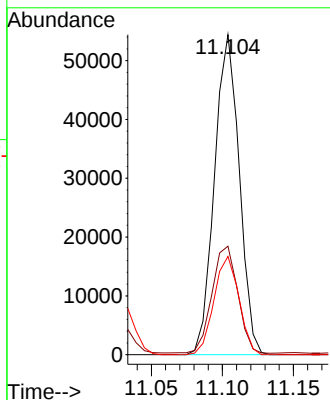
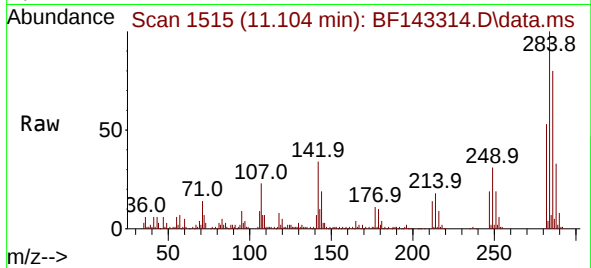




#68
Hexachlorobenzene
Concen: 19.171 ng
RT: 11.104 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

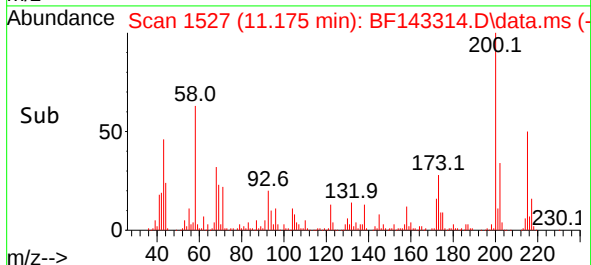
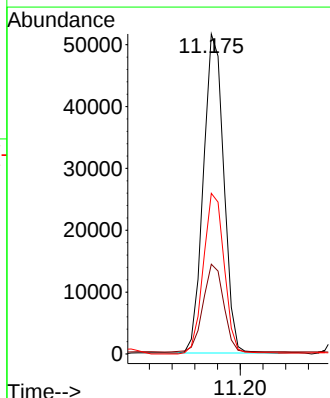
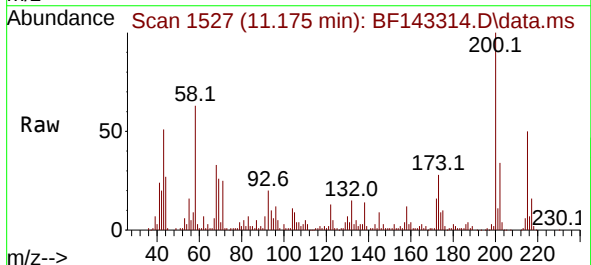
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

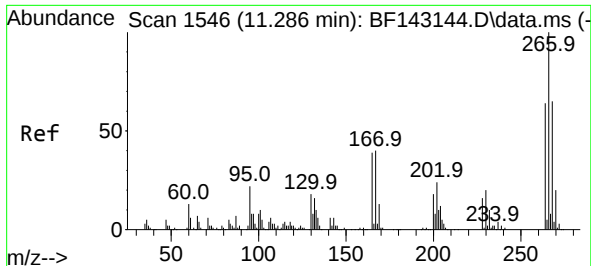
Tgt Ion:284 Resp: 66007
Ion Ratio Lower Upper
284 100
142 33.9 27.0 40.6
249 30.7 25.0 37.6



#69
Atrazine
Concen: 23.908 ng
RT: 11.175 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:200 Resp: 64155
Ion Ratio Lower Upper
200 100
173 28.0 7.9 47.9
215 50.2 30.1 70.1

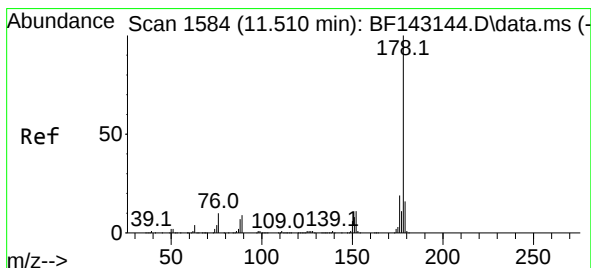
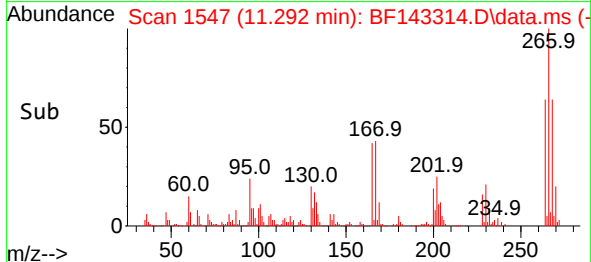
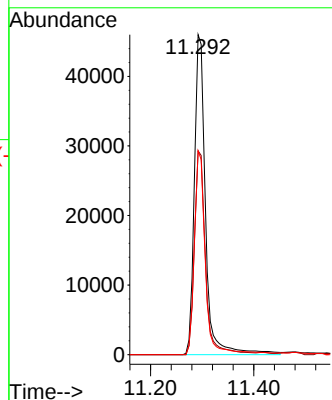
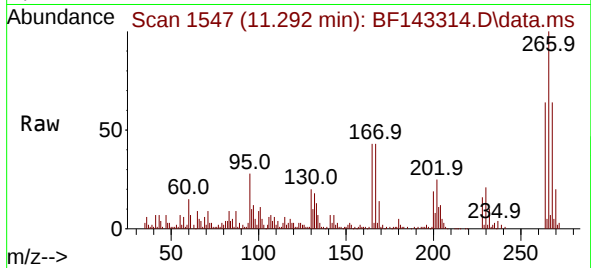




#70
 Pentachlorophenol
 Concen: 34.253 ng
 RT: 11.292 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

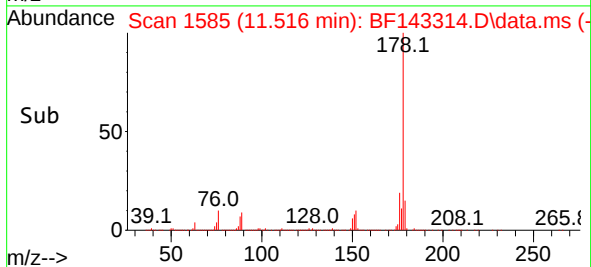
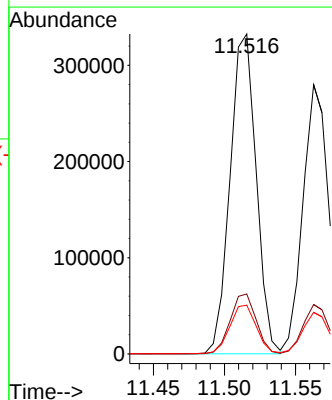
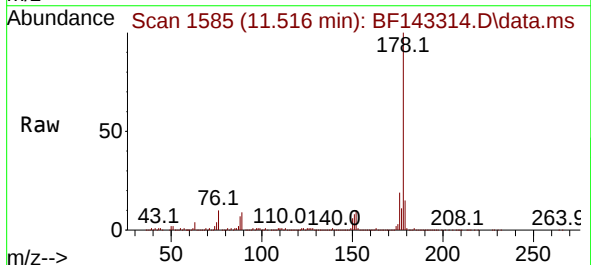
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MSD

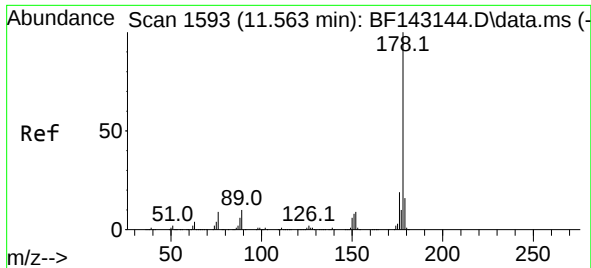
Tgt Ion:266 Resp: 69356
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.9 77.9
 264 63.7 51.0 76.6



#71
 Phenanthrene
 Concen: 29.004 ng
 RT: 11.516 min Scan# 1585
 Delta R.T. 0.006 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

Tgt Ion:178 Resp: 425693
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.3 22.9
 179 15.2 12.5 18.7

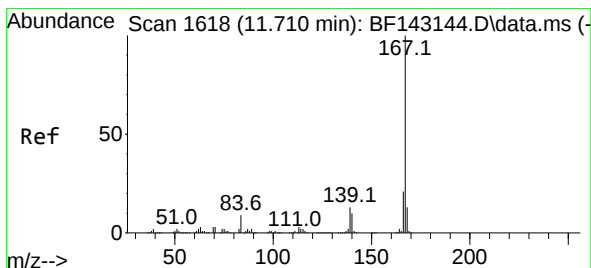
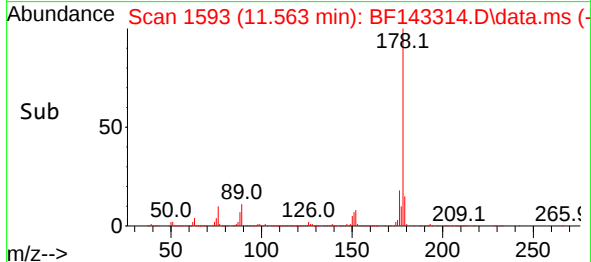
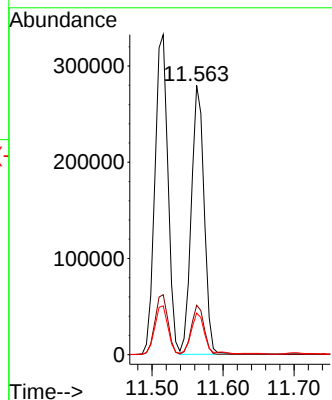
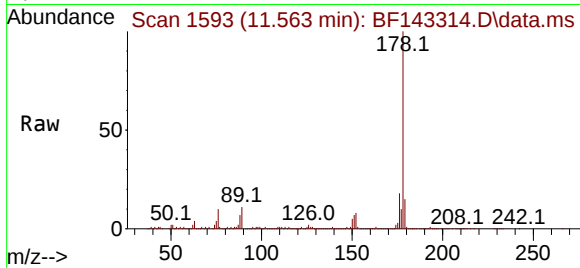




#72
 Anthracene
 Concen: 23.476 ng
 RT: 11.563 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

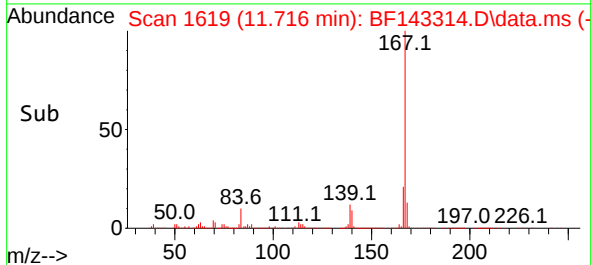
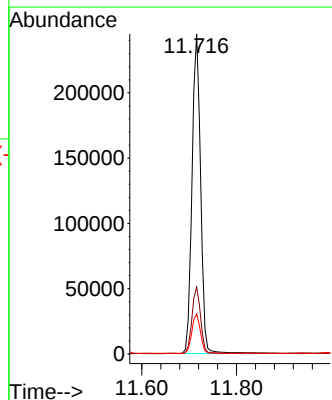
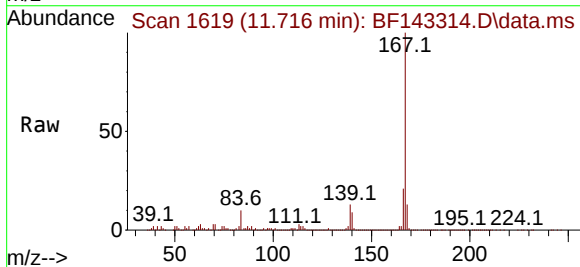
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MSD

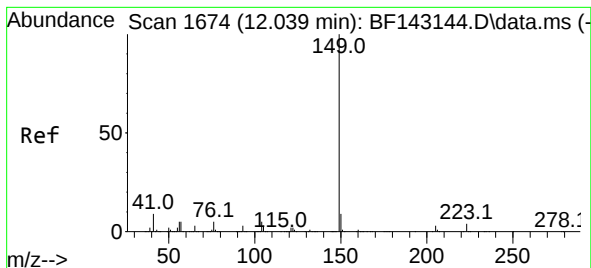
Tgt Ion:178 Resp: 351413
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 15.4 12.5 18.7



#73
 Carbazole
 Concen: 23.386 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

Tgt Ion:167 Resp: 305670
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.6 10.0 15.0





#74

Di-n-butylphthalate

Concen: 24.945 ng

RT: 12.045 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

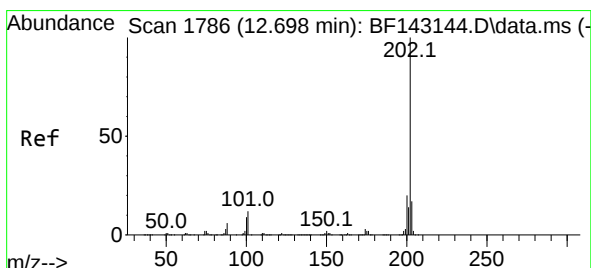
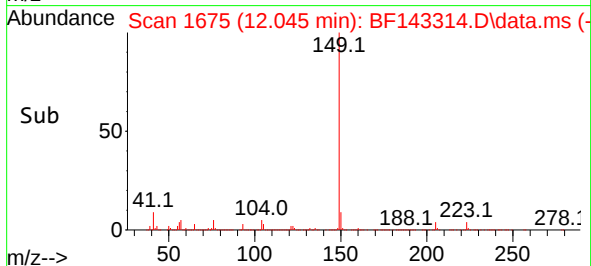
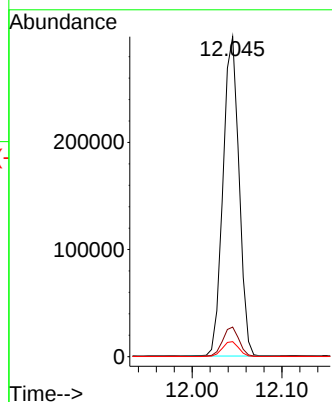
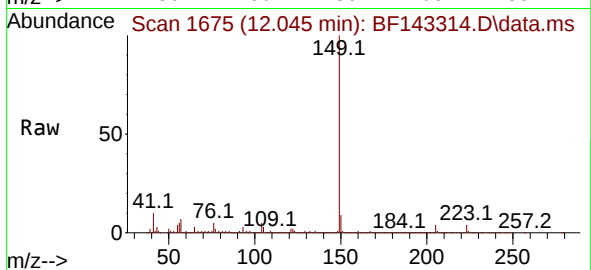
Tgt Ion:149 Resp: 368926

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.7 3.8 5.8



#75

Fluoranthene

Concen: 49.041 ng

RT: 12.704 min Scan# 1787

Delta R.T. 0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

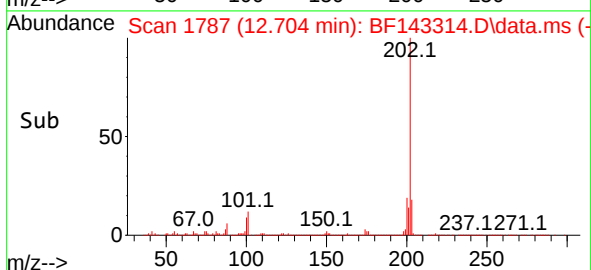
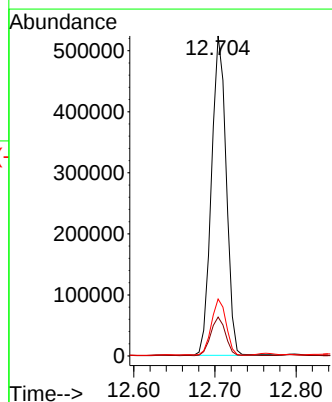
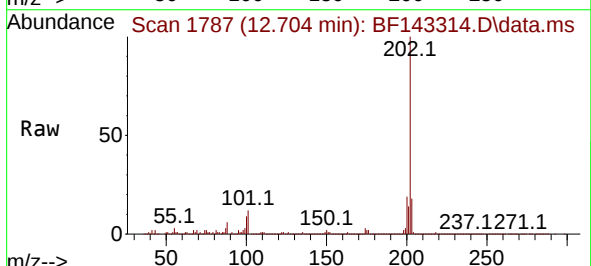
Tgt Ion:202 Resp: 660664

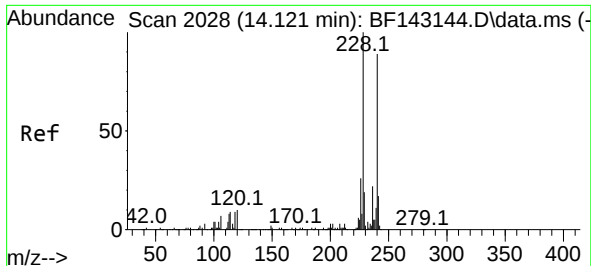
Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.7

203 17.8 0.0 37.4

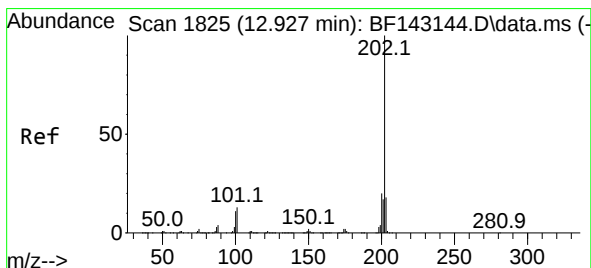
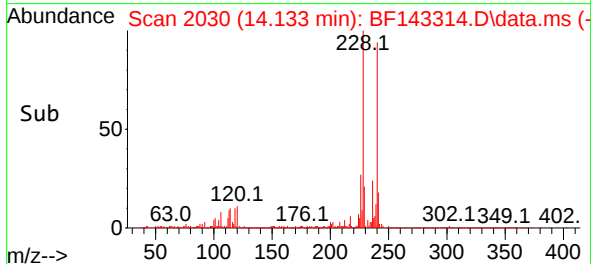
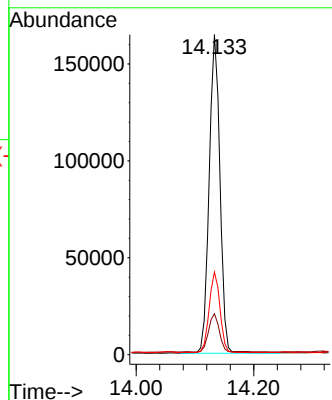
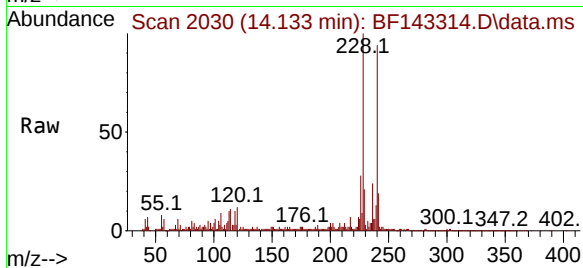




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

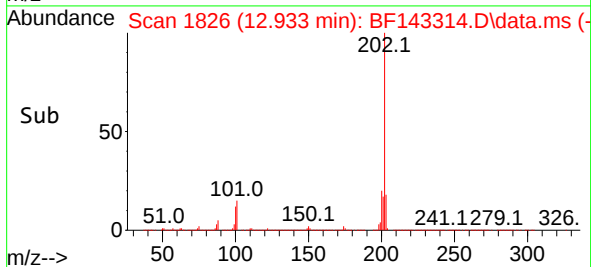
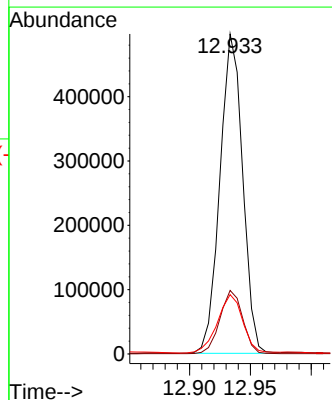
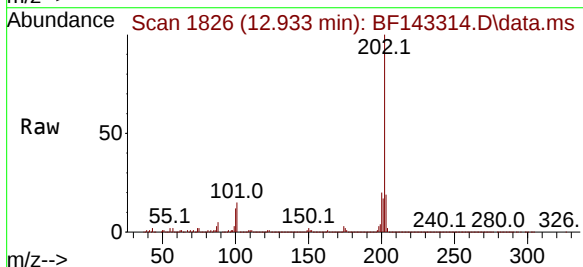
Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

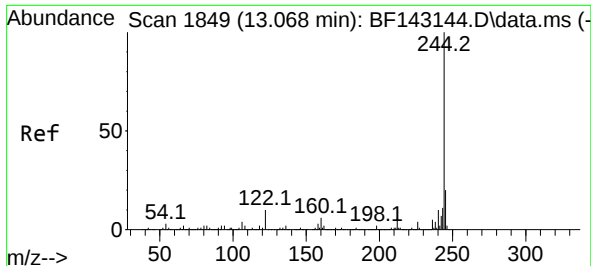
Tgt Ion:240 Resp: 209954
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 25.9 20.2 30.4



#78
Pyrene
Concen: 35.992 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:202 Resp: 644926
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 18.6 14.2 21.2

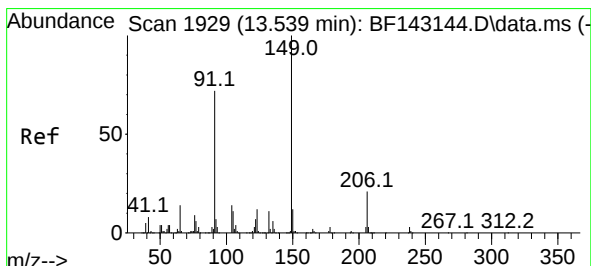
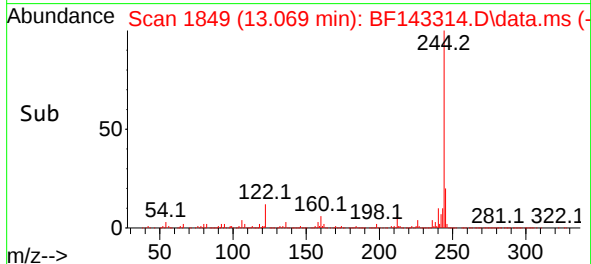
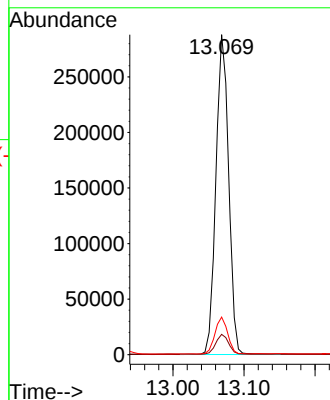
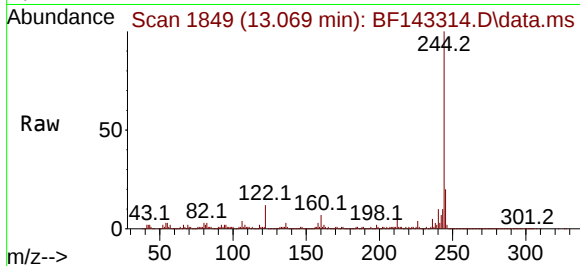




#79
 Terphenyl-d14
 Concen: 25.341 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

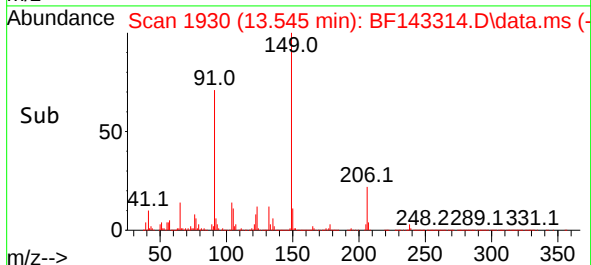
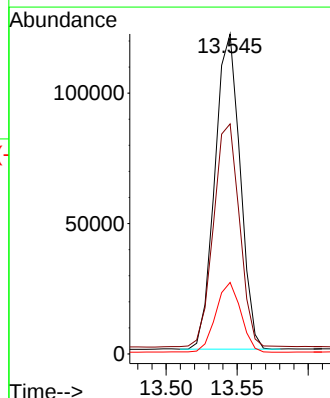
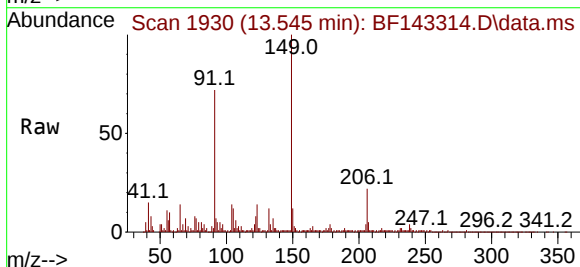
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MSD

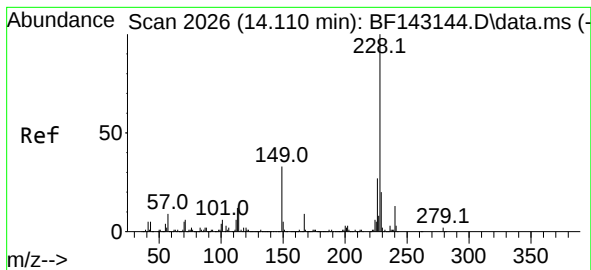
Tgt Ion:244 Resp: 357534
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 11.8 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 27.252 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: BF143314.D
 Acq: 05 Aug 2025 14:28

Tgt Ion:149 Resp: 149527
 Ion Ratio Lower Upper
 149 100
 91 71.9 57.9 86.9
 206 22.3 17.0 25.4





#81

Benzo(a)anthracene

Concen: 32.314 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

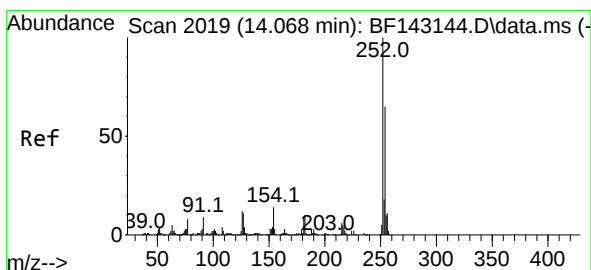
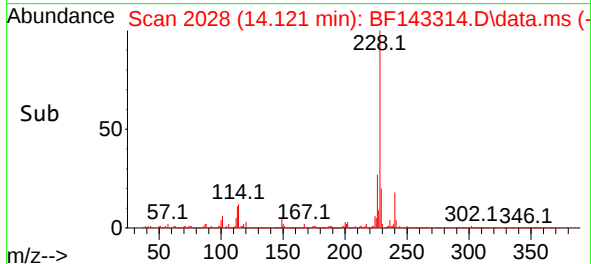
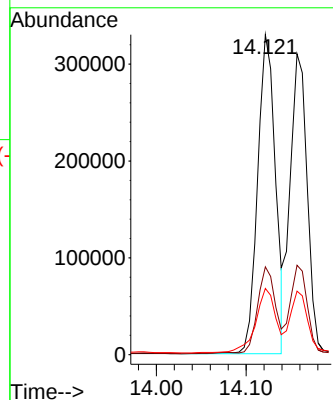
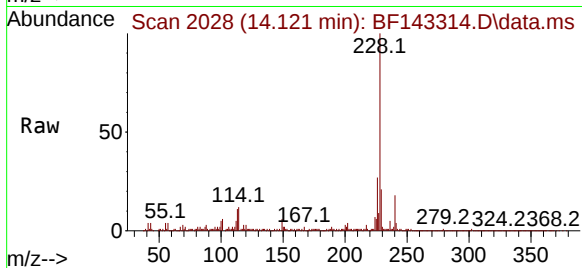
Tgt Ion:228 Resp: 454225

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 20.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 12.311 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.012 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

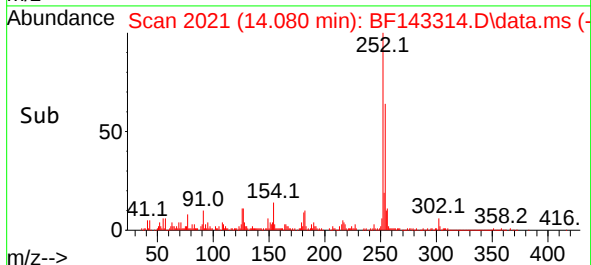
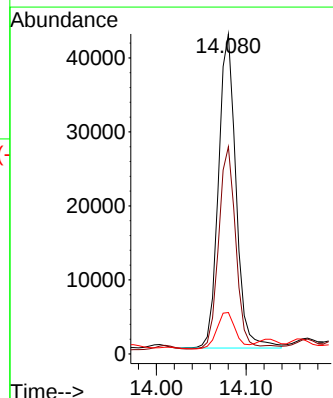
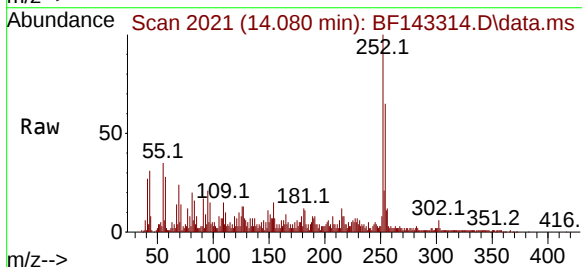
Tgt Ion:252 Resp: 57677

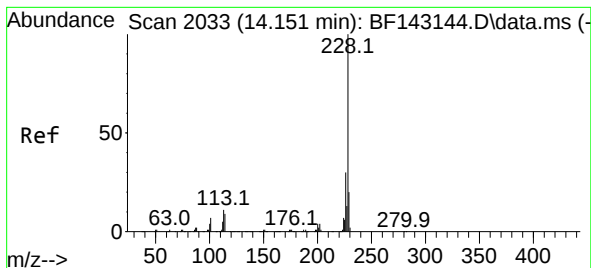
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 13.0 9.4 14.0





#83

Chrysene

Concen: 32.234 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

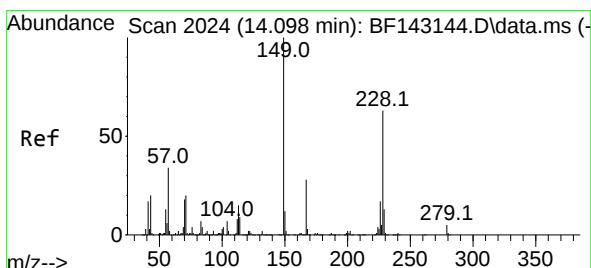
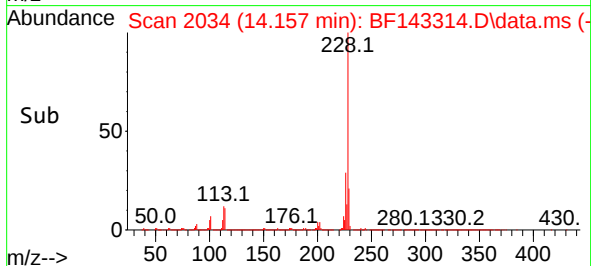
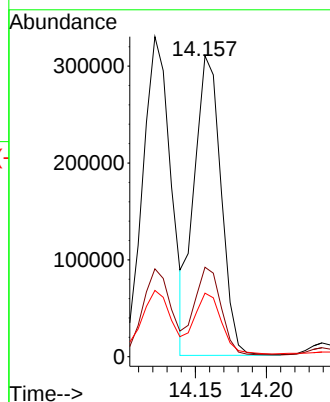
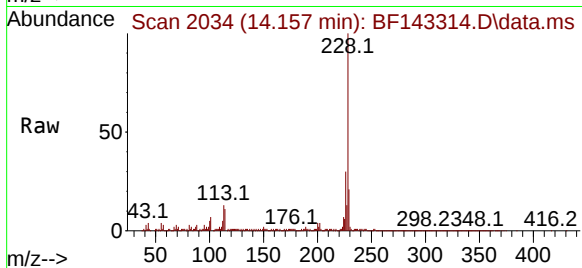
Tgt Ion:228 Resp: 407381

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 21.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.468 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

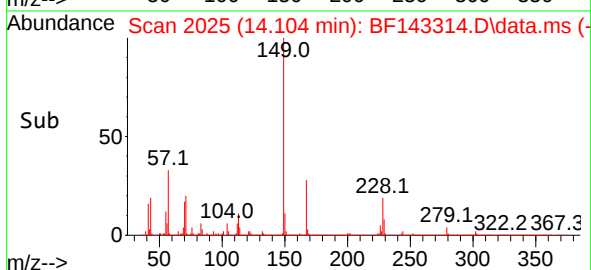
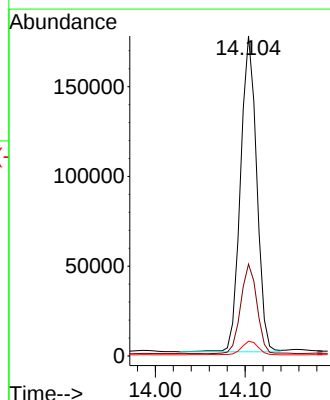
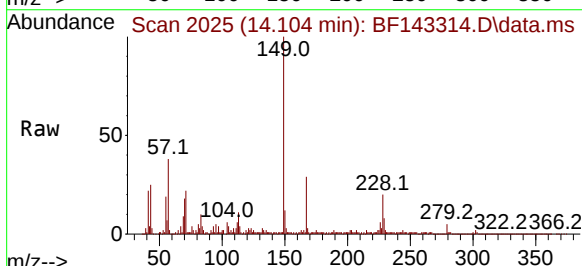
Tgt Ion:149 Resp: 219811

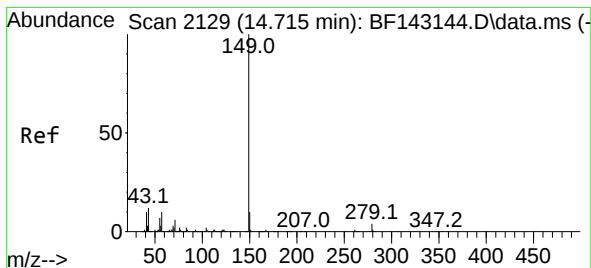
Ion Ratio Lower Upper

149 100

167 28.7 22.3 33.5

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 22.761 ng

RT: 14.721 min Scan# 2129

Delta R.T. 0.006 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

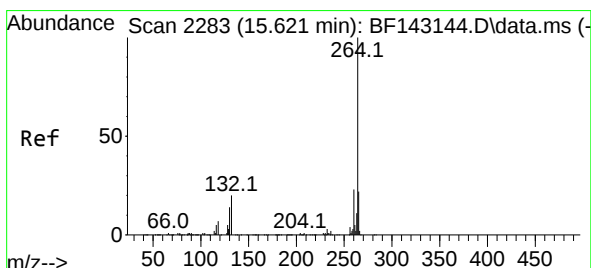
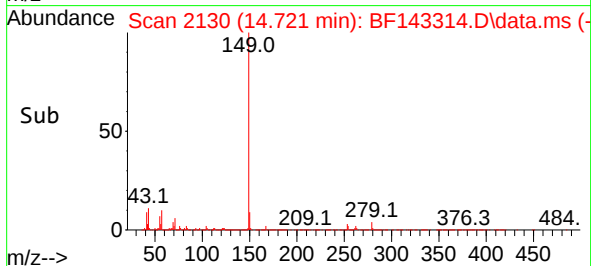
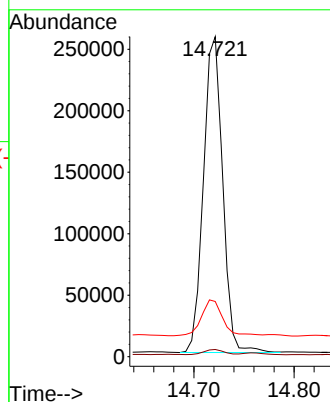
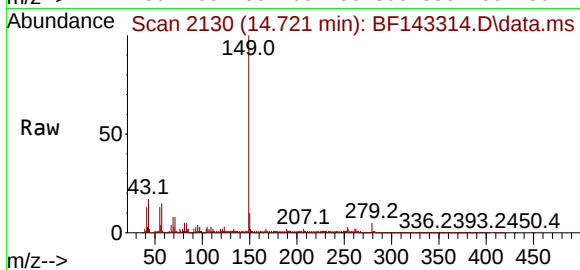
Tgt Ion:149 Resp: 342644

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 12.5 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2287

Delta R.T. 0.024 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

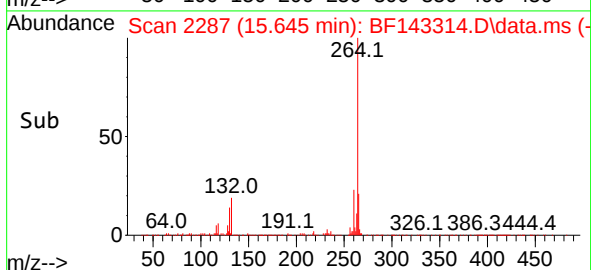
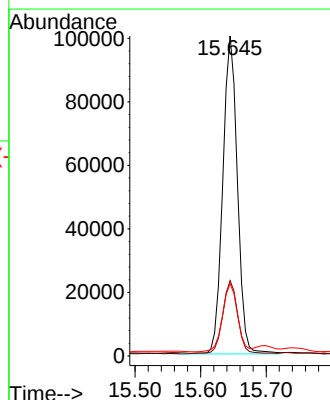
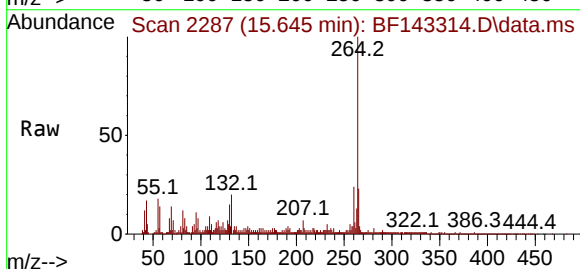
Tgt Ion:264 Resp: 154652

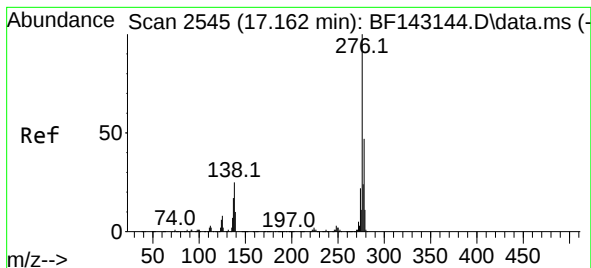
Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 22.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.994 ng

RT: 17.192 min Scan# 2111

Delta R.T. 0.029 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

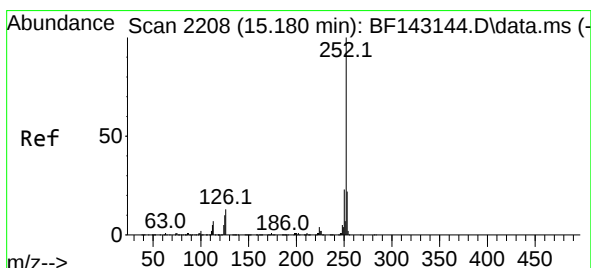
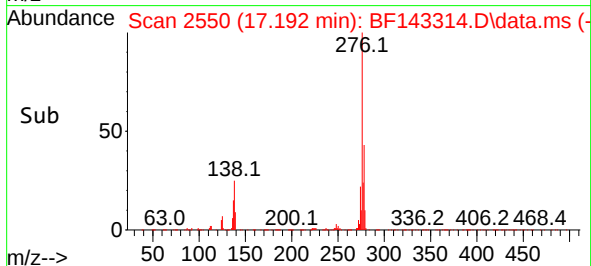
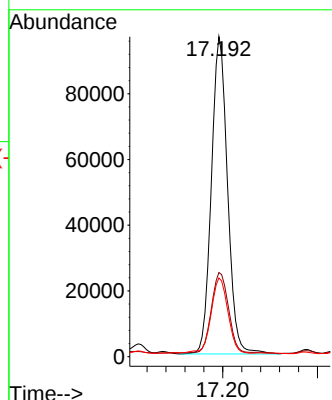
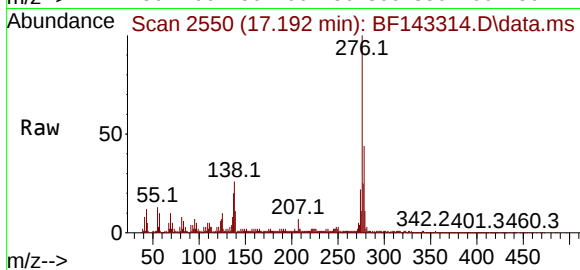
Tgt Ion:276 Resp: 228945

Ion Ratio Lower Upper

276 100

138 26.6 21.8 32.6

277 24.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 34.391 ng

RT: 15.198 min Scan# 2211

Delta R.T. 0.018 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

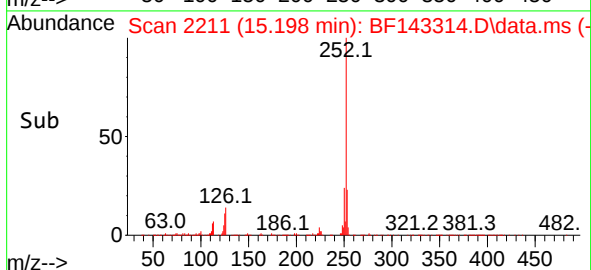
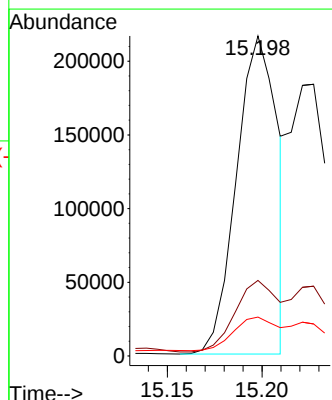
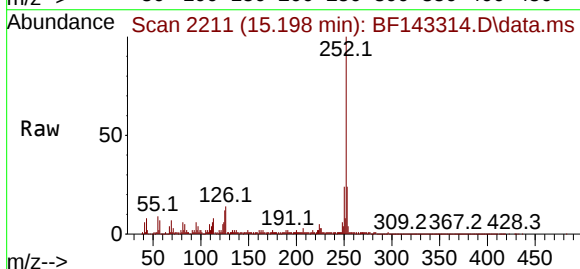
Tgt Ion:252 Resp: 324920

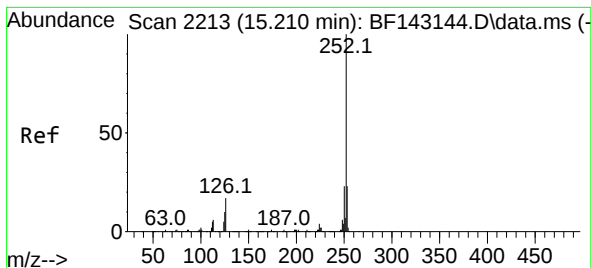
Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 12.2 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 38.540 ng

RT: 15.198 min Scan# 2211

Delta R.T. -0.012 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

Instrument :

BNA_F

ClientSampleId :

VNJ-253MSD

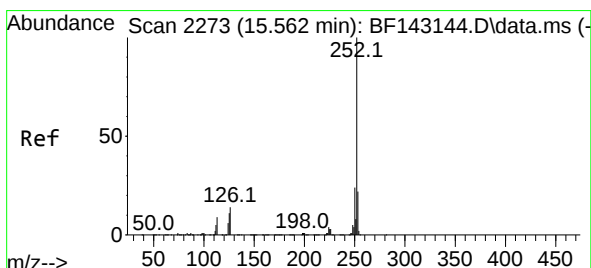
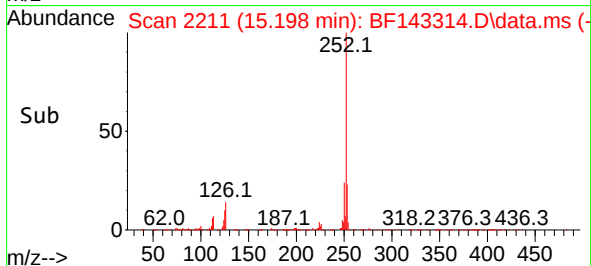
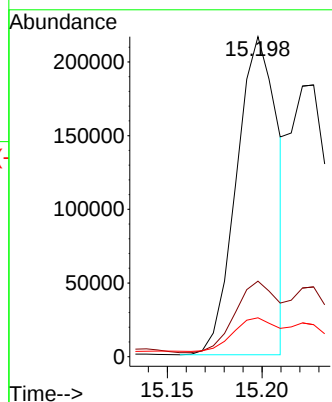
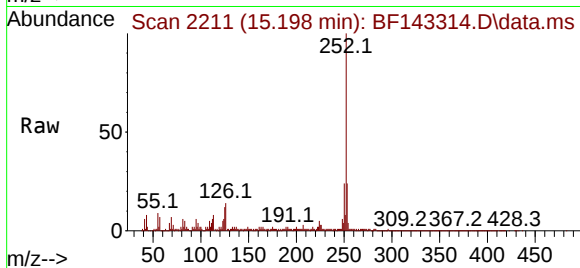
Tgt Ion:252 Resp: 324920

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 12.2 8.1 12.1#



#90

Benzo(a)pyrene

Concen: 30.764 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.018 min

Lab File: BF143314.D

Acq: 05 Aug 2025 14:28

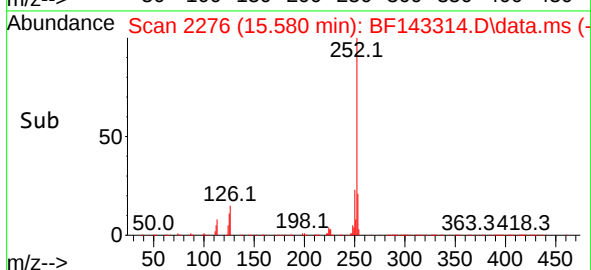
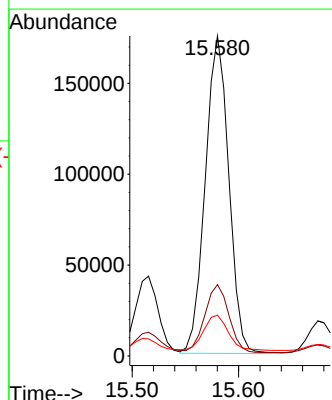
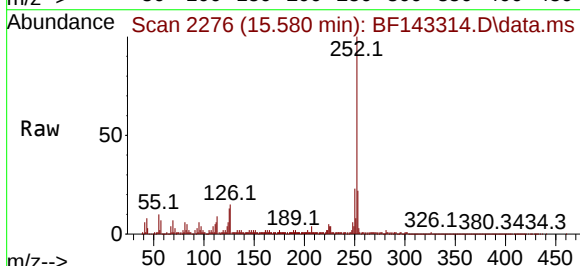
Tgt Ion:252 Resp: 267795

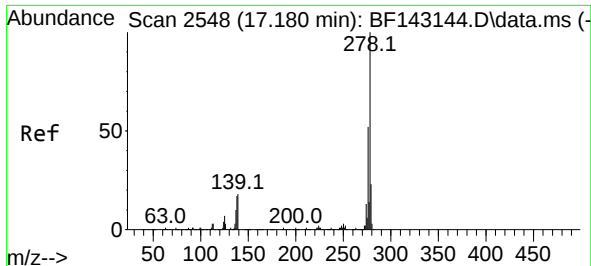
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 12.7 8.6 13.0

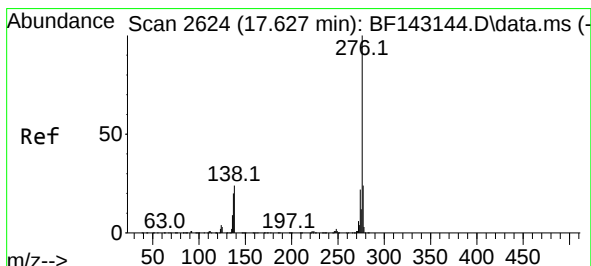
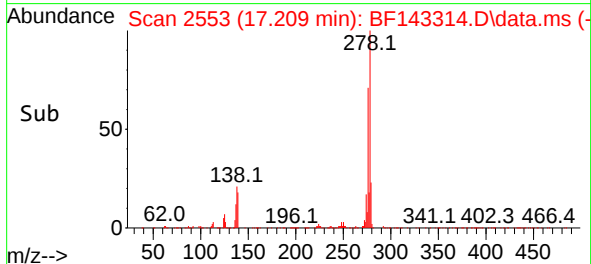
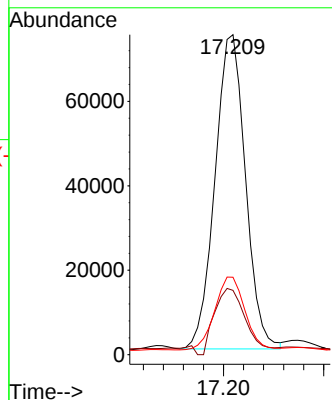
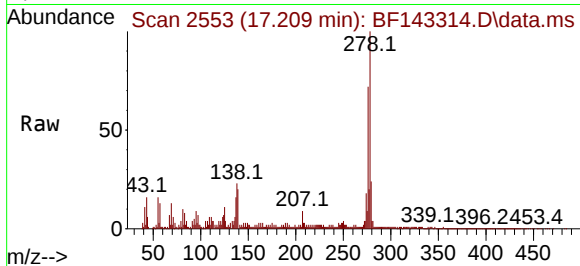




#91
Dibenzo(a,h)anthracene
Concen: 17.723 ng
RT: 17.209 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Tgt Ion:278 Resp: 157308
Ion Ratio Lower Upper
278 100
139 20.1 14.1 21.1
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 21.337 ng
RT: 17.662 min Scan# 2630
Delta R.T. 0.035 min
Lab File: BF143314.D
Acq: 05 Aug 2025 14:28

Tgt Ion:276 Resp: 183201
Ion Ratio Lower Upper
276 100
277 24.5 19.1 28.7
138 24.7 18.9 28.3

