

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141207.D
 Acq On : 17 Jan 2025 21:37
 Operator : RC/JU
 Sample : Q1115-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Quant Time: Jan 17 23:12:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	208256	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	803714	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	400010	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	547983	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	397683	20.000	ng	-0.01
86) Perylene-d12	15.421	264	344513	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1257705	93.294	ng	0.00
7) Phenol-d6	6.445	99	1591609	93.204	ng	0.00
23) Nitrobenzene-d5	7.375	82	1021691	67.385	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	429902	94.321	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1743539	66.560	ng	-0.01
79) Terphenyl-d14	12.916	244	1323089	49.449	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	211392	35.212	ng	99
3) Pyridine	3.352	79	428472	29.105	ng	97
4) n-Nitrosodimethylamine	3.305	42	286131	39.750	ng	100
6) Aniline	6.475	93	206292	13.607	ng	# 53
8) 2-Chlorophenol	6.598	128	609104	42.113	ng	97
9) Benzaldehyde	6.357	77	73110	7.269	ng	97
10) Phenol	6.463	94	721863	39.489	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	553914	40.660	ng	97
12) 1,3-Dichlorobenzene	6.751	146	626082	38.812	ng	99
13) 1,4-Dichlorobenzene	6.828	146	631203	38.830	ng	99
14) 1,2-Dichlorobenzene	6.981	146	610531	40.264	ng	98
15) Benzyl Alcohol	6.957	79	525079	42.578	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	749030	39.401	ng	91
17) 2-Methylphenol	7.069	107	474714	40.654	ng	98
18) Hexachloroethane	7.322	117	230813	39.264	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	408612	40.621	ng	98
20) 3+4-Methylphenols	7.222	107	589068	39.986	ng	# 80
22) Acetophenone	7.222	105	777775	40.708	ng	# 95
24) Nitrobenzene	7.398	77	617440	39.074	ng	97
25) Isophorone	7.634	82	1099330	42.427	ng	98
26) 2-Nitrophenol	7.710	139	318936	44.370	ng	98
27) 2,4-Dimethylphenol	7.751	122	484591	49.980	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	677960	41.691	ng	100
29) 2,4-Dichlorophenol	7.951	162	484232	42.051	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	523741	39.791	ng	100
31) Naphthalene	8.116	128	1712669	40.408	ng	100
32) Benzoic acid	7.875	122	374574	40.273	ng	98
33) 4-Chloroaniline	8.163	127	70076	4.781	ng	99
34) Hexachlorobutadiene	8.234	225	324020	40.854	ng	99
35) Caprolactam	8.534	113	153011m	40.586	ng	
36) 4-Chloro-3-methylphenol	8.651	107	518748	41.191	ng	100
37) 2-Methylnaphthalene	8.804	142	1123151	41.584	ng	99
38) 1-Methylnaphthalene	8.904	142	1023760	38.461	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	506644	44.129	ng	99
41) Hexachlorocyclopentadiene	8.957	237	378666	100.811	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	346254	44.717	ng	98

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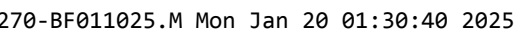
Instrument :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	342922	41.933	ng	99
46) 1,1'-Biphenyl	9.269	154	1333280	42.919	ng	99
47) 2-Chloronaphthalene	9.292	162	999822	41.323	ng	100
48) 2-Nitroaniline	9.392	65	296248	41.304	ng	98
49) Acenaphthylene	9.710	152	1510444	43.694	ng	100
50) Dimethylphthalate	9.575	163	1202551	44.781	ng	100
51) 2,6-Dinitrotoluene	9.634	165	260127	41.655	ng	99
52) Acenaphthene	9.881	154	1071904	44.383	ng	99
53) 3-Nitroaniline	9.798	138	146171	23.033	ng	100
54) 2,4-Dinitrophenol	9.904	184	206896	69.702	ng	96
55) Dibenzofuran	10.057	168	1354757	41.240	ng	100
56) 4-Nitrophenol	9.963	139	361254	72.686	ng	98
57) 2,4-Dinitrotoluene	10.033	165	333440	41.432	ng	98
58) Fluorene	10.398	166	1014320	39.744	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	272920	40.150	ng	99
60) Diethylphthalate	10.275	149	1124583	42.896	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	511022	41.083	ng	97
62) 4-Nitroaniline	10.416	138	206811	33.296	ng	98
63) Azobenzene	10.551	77	1088681	42.085	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	144495	45.504	ng	98
66) n-Nitrosodiphenylamine	10.510	169	891932	50.463	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	312086	49.467	ng	97
68) Hexachlorobenzene	10.939	284	323827	46.109	ng	99
69) Atrazine	11.033	200	283488	59.567	ng	99
70) Pentachlorophenol	11.139	266	368876	82.017	ng	99
71) Phenanthrene	11.357	178	1473983	50.102	ng	100
72) Anthracene	11.410	178	1343768	46.975	ng	100
73) Carbazole	11.563	167	1102042	42.015	ng	100
74) Di-n-butylphthalate	11.898	149	1424497	47.455	ng	100
75) Fluoranthene	12.545	202	1397047	47.587	ng	99
77) Benzidine	12.669	184	247682	33.585	ng	100
78) Pyrene	12.774	202	1381400	36.368	ng	100
80) Butylbenzylphthalate	13.398	149	500717	39.538	ng	97
81) Benzo(a)anthracene	13.963	228	1195619	44.176	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	194302	22.546	ng	99
83) Chrysene	13.998	228	1127623	44.528	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	655035	43.108	ng	99
85) Di-n-octyl phthalate	14.574	149	1182749	51.546	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	806827	31.966	ng	98
88) Benzo(b)fluoranthene	15.004	252	1152204	51.865	ng	99
89) Benzo(k)fluoranthene	15.033	252	883151	47.041	ng	100
90) Benzo(a)pyrene	15.363	252	903877	49.314	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	660968	32.378	ng	98
92) Benzo(g,h,i)perylene	17.304	276	587400	27.663	ng	98

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

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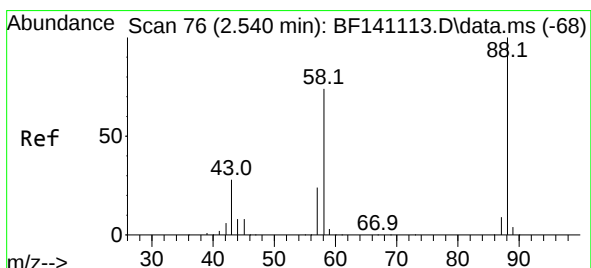
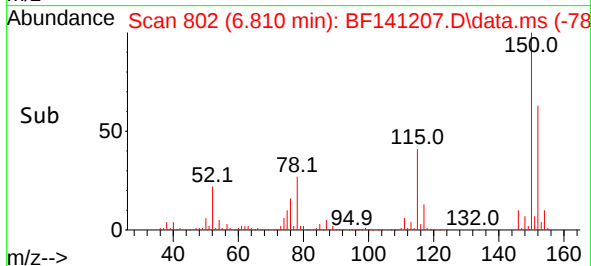
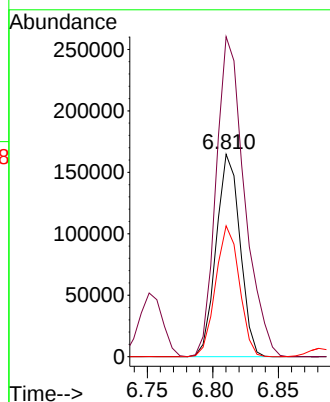
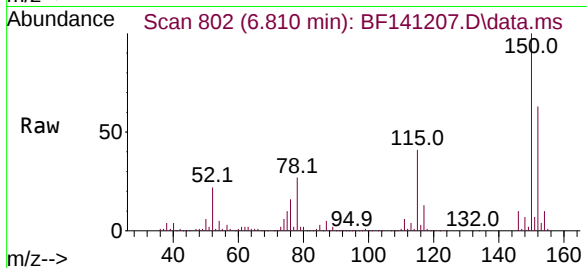




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

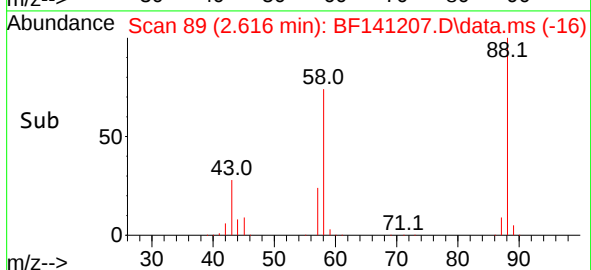
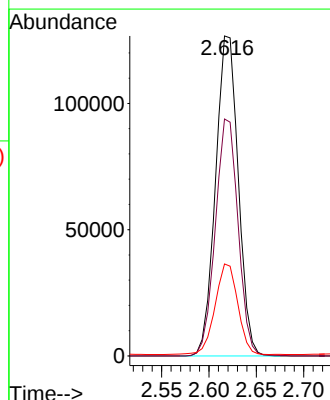
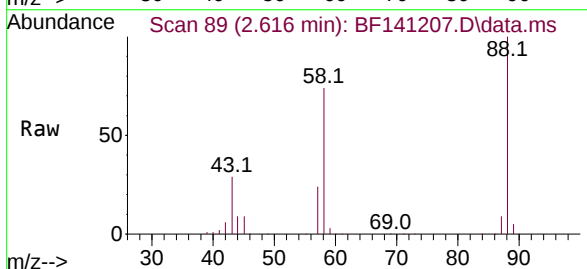
Instrument :
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VNJ-214MS

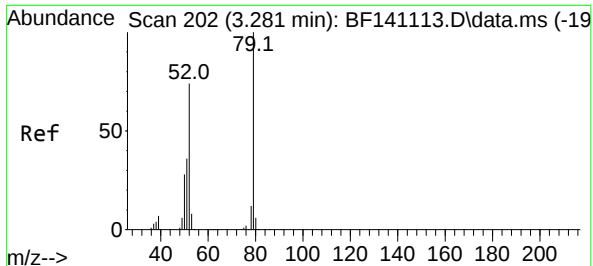
Tgt Ion:152 Resp: 208256
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.8
115 64.7 51.4 77.2



#2
1,4-Dioxane
Concen: 35.212 ng
RT: 2.616 min Scan# 89
Delta R.T. 0.076 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion: 88 Resp: 211392
Ion Ratio Lower Upper
88 100
58 74.1 60.1 90.1
43 28.4 23.1 34.7

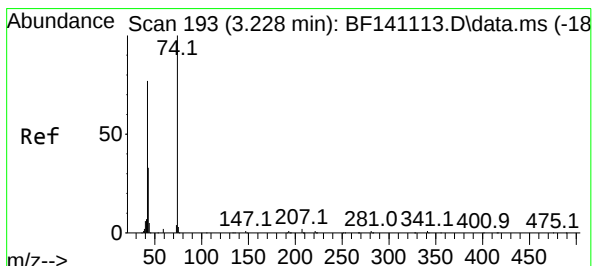
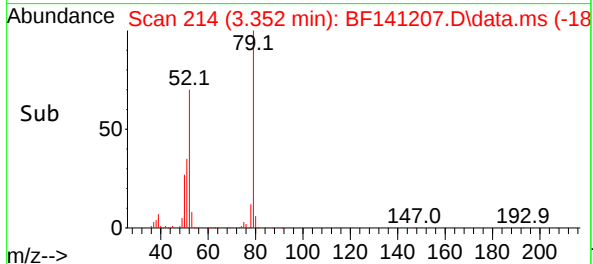
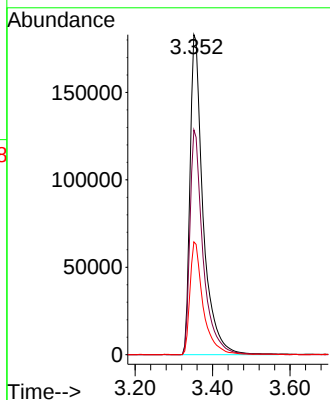
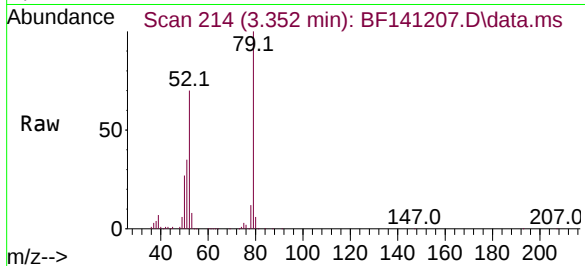




#3
Pyridine
Concen: 29.105 ng
RT: 3.352 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

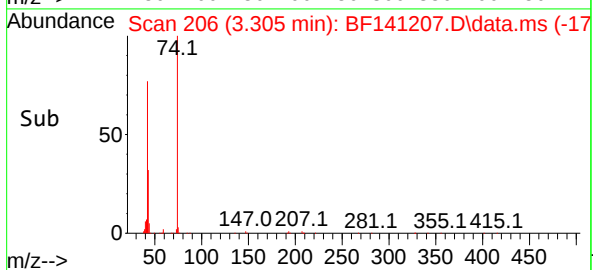
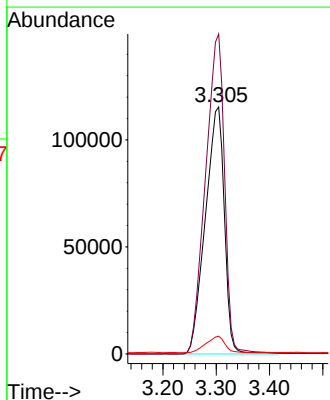
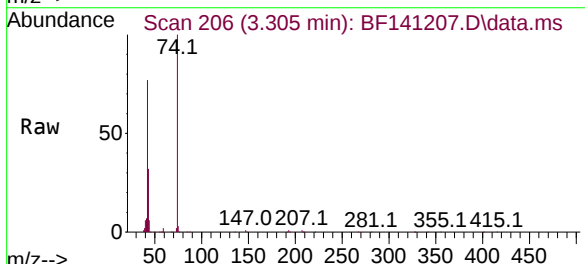
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion: 79 Resp: 428472
Ion Ratio Lower Upper
79 100
52 70.3 58.9 88.3
51 35.3 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 39.750 ng
RT: 3.305 min Scan# 206
Delta R.T. 0.077 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion: 42 Resp: 286131
Ion Ratio Lower Upper
42 100
74 129.6 103.8 155.6
44 7.2 5.3 7.9

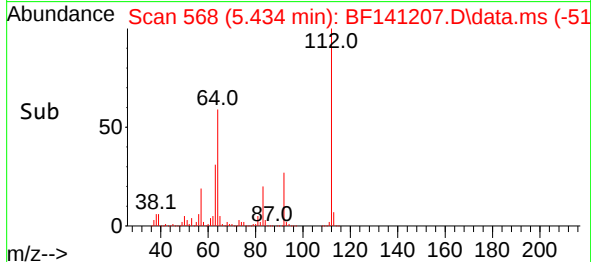
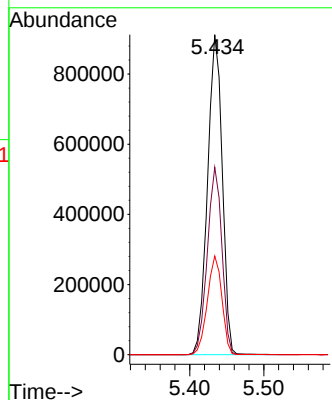
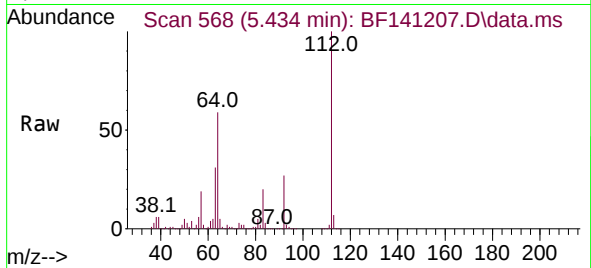




#5
2-Fluorophenol
Concen: 93.294 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

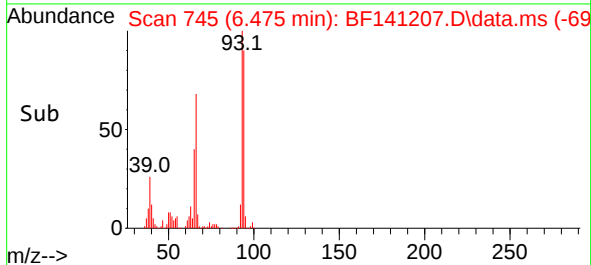
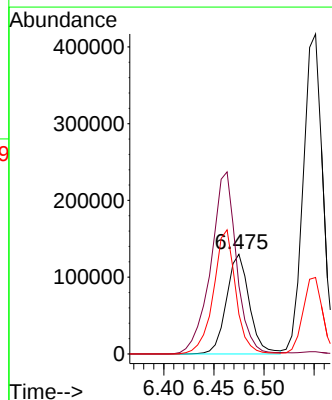
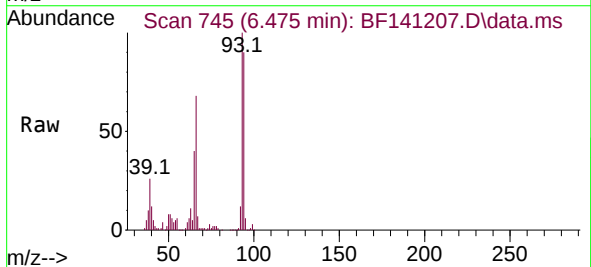
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:112 Resp: 1257705
Ion Ratio Lower Upper
112 100
64 58.6 47.3 70.9
63 30.8 24.2 36.2



#6
Aniline
Concen: 13.607 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

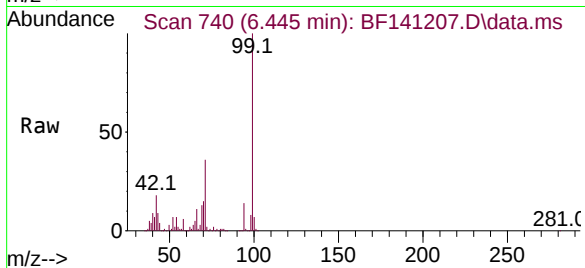
Tgt Ion: 93 Resp: 206292
Ion Ratio Lower Upper
93 100
66 68.4 31.5 47.3#
65 39.8 15.3 22.9#





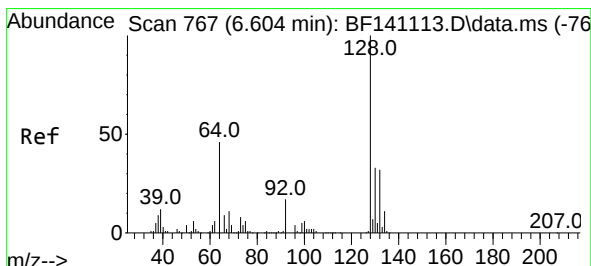
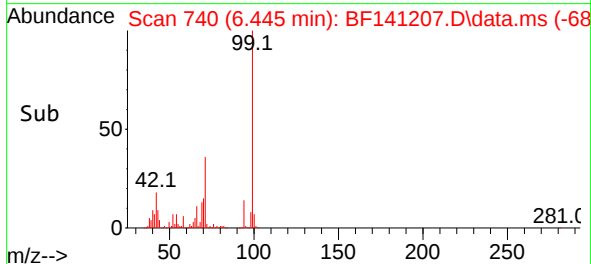
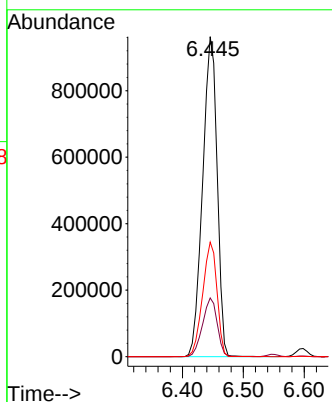
#7
Phenol-d6
Concen: 93.204 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141207.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1591609

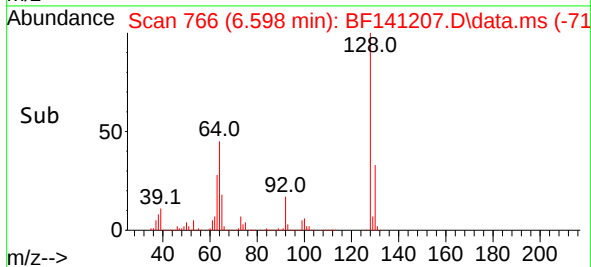
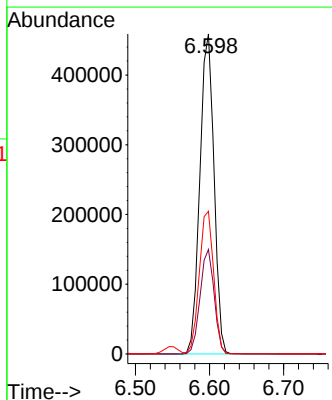
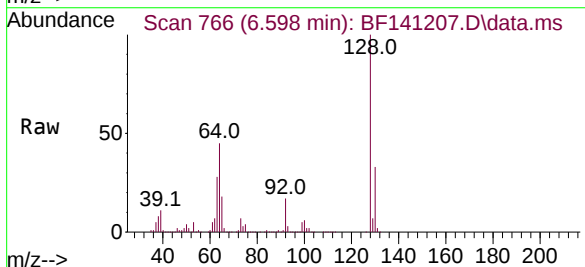
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	35.8	27.6	41.4

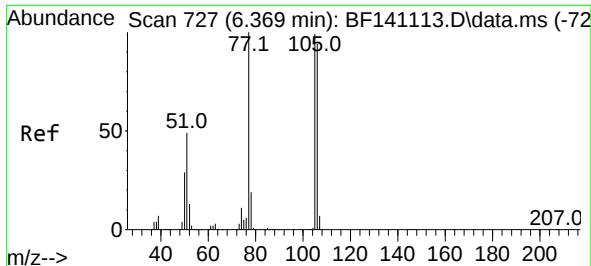


#8
2-Chlorophenol
Concen: 42.113 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:128 Resp: 609104

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.5	52.5
64	44.6	28.3	68.3

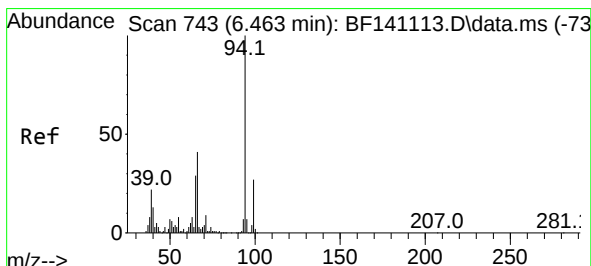
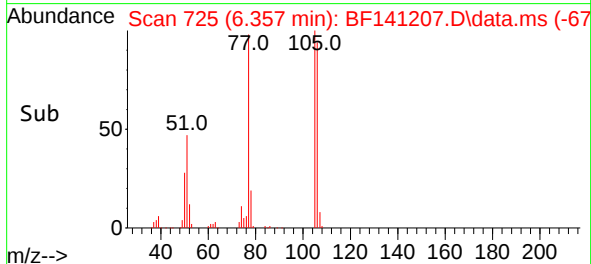
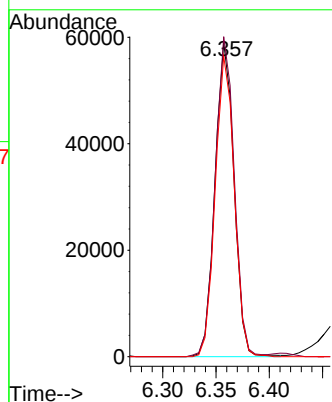
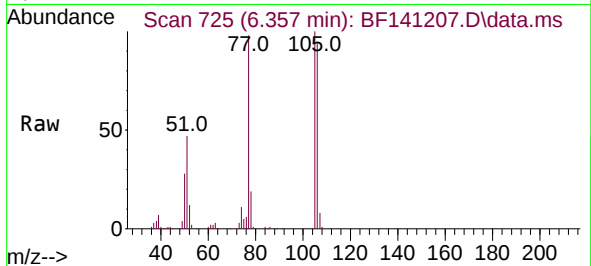




#9
Benzaldehyde
Concen: 7.269 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

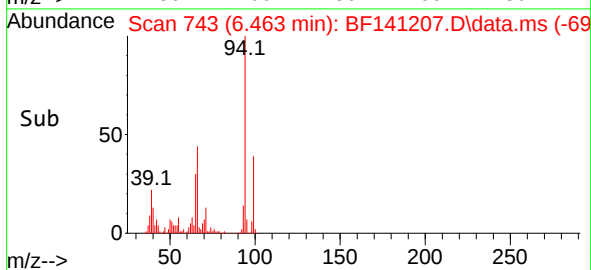
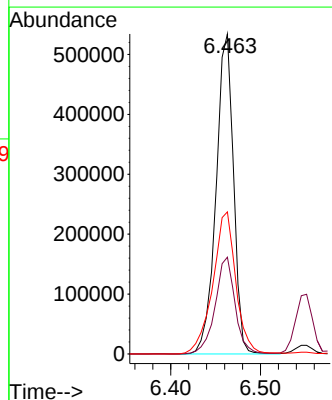
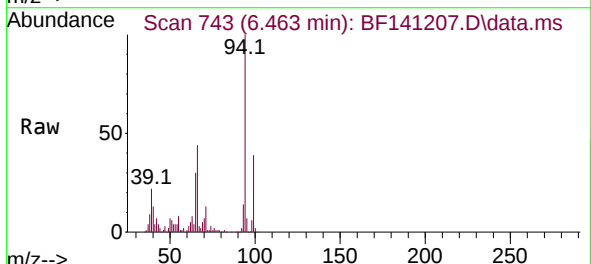
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion: 77 Resp: 73110
Ion Ratio Lower Upper
77 100
105 102.0 78.9 118.9
106 95.7 73.6 113.6



#10
Phenol
Concen: 39.489 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion: 94 Resp: 721863
Ion Ratio Lower Upper
94 100
65 30.3 8.9 48.9
66 44.4 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 40.660 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

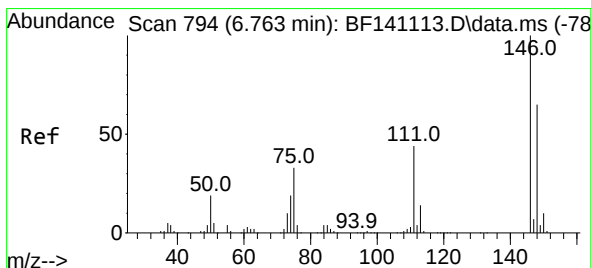
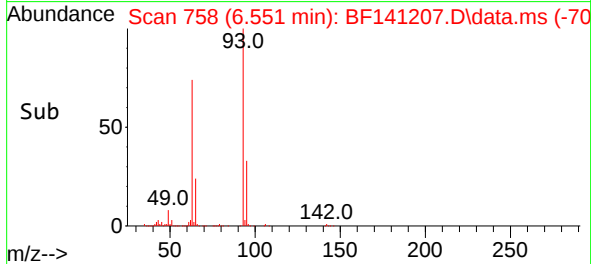
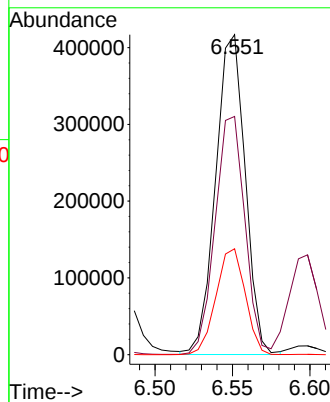
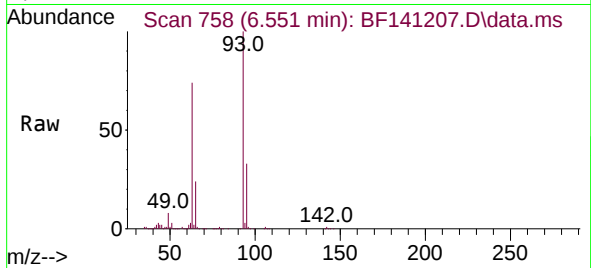
BNA_F

ClientSampleId :

VNJ-214MS

Tgt Ion: 93 Resp: 553914

Ion	Ratio	Lower	Upper
93	100		
63	74.5	58.0	98.0
95	33.1	12.5	52.5



#12

1,3-Dichlorobenzene

Concen: 38.812 ng

RT: 6.751 min Scan# 792

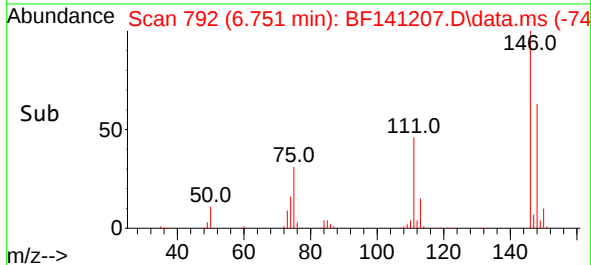
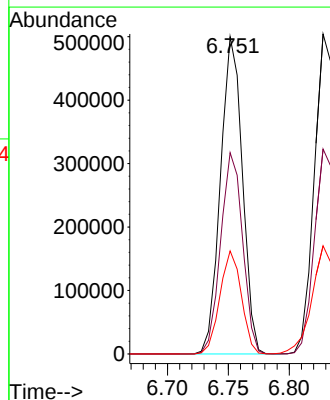
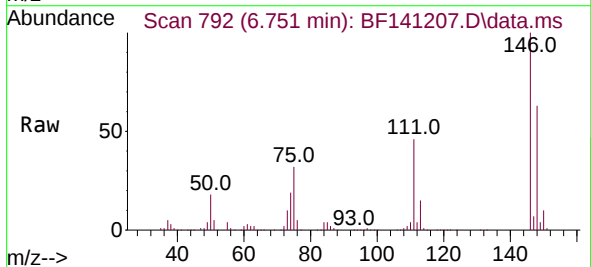
Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Tgt Ion: 146 Resp: 626082

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.6	77.4
75	32.5	26.2	39.2

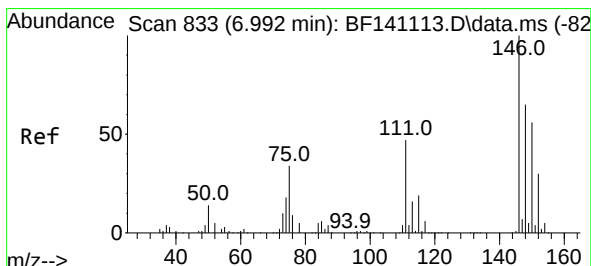
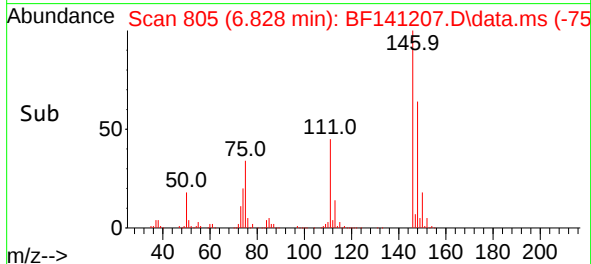
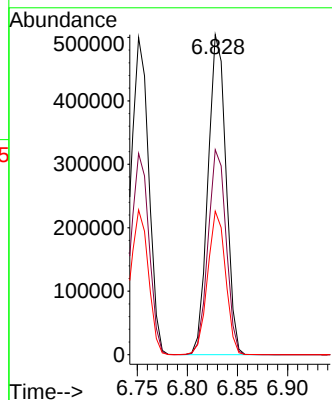
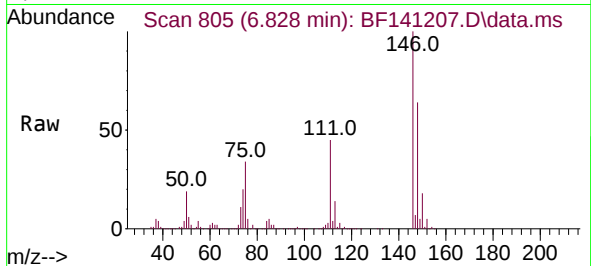




#13
1,4-Dichlorobenzene
Concen: 38.830 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

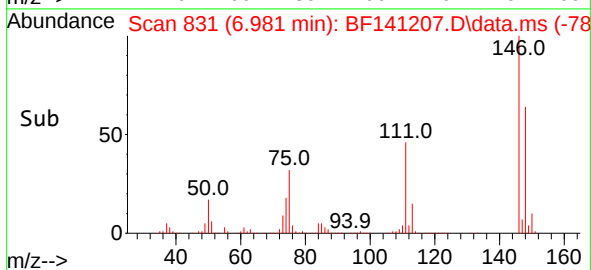
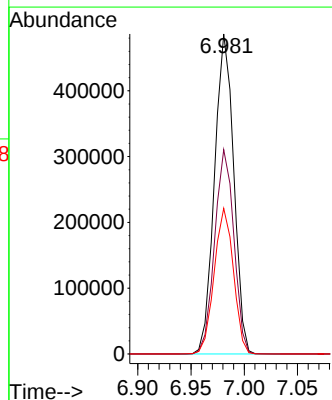
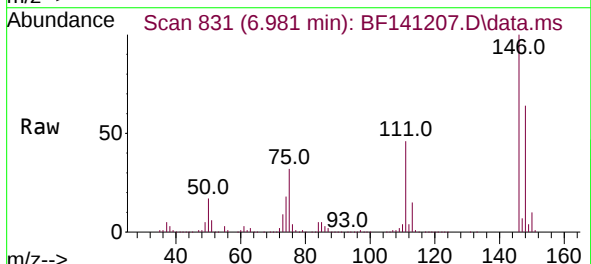
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:146 Resp: 631203
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 44.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 40.264 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:146 Resp: 610531
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 45.5 37.5 56.3

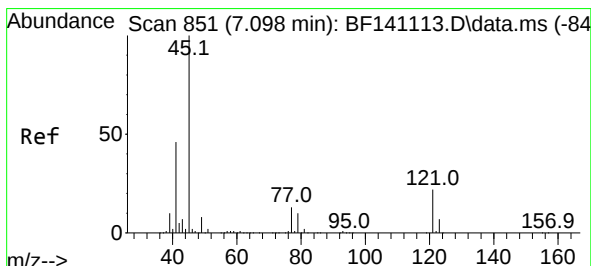
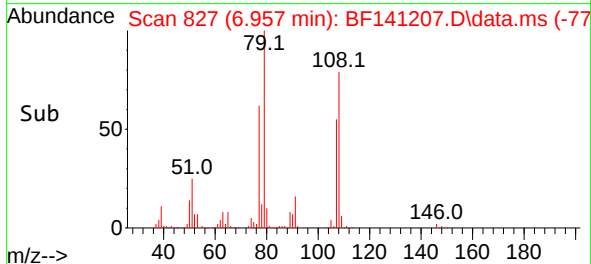
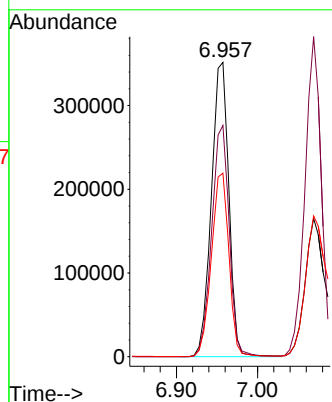
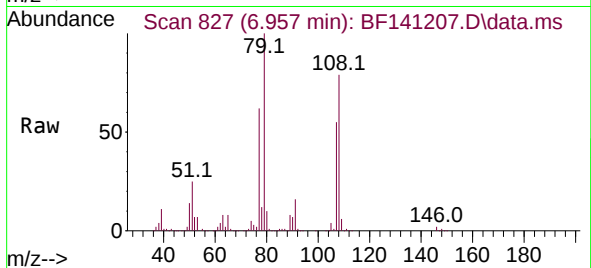




#15
Benzyl Alcohol
Concen: 42.578 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

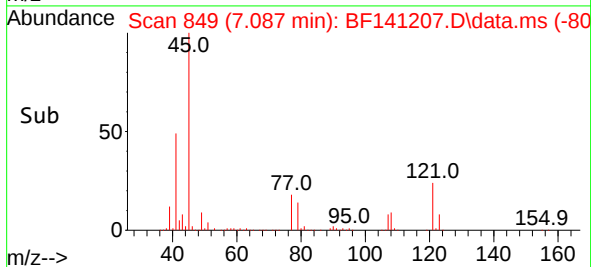
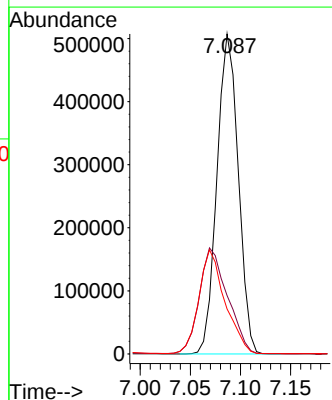
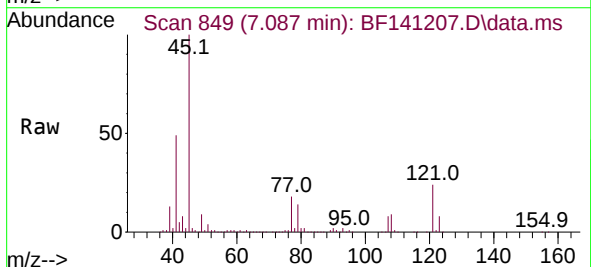
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

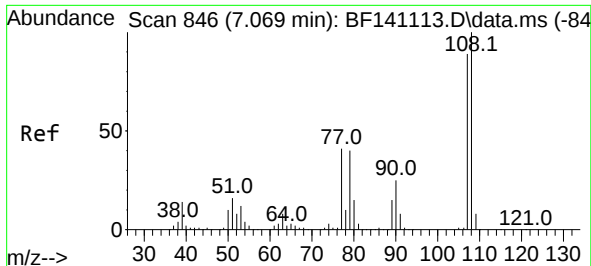
Tgt Ion: 79 Resp: 525079
Ion Ratio Lower Upper
79 100
108 78.6 61.4 92.0
77 62.3 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.401 ng
RT: 7.087 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion: 45 Resp: 749030
Ion Ratio Lower Upper
45 100
77 18.3 0.0 34.1
79 14.0 0.0 31.0

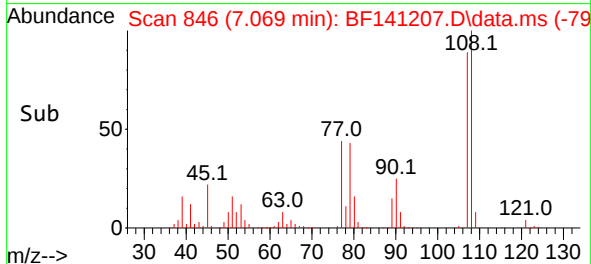
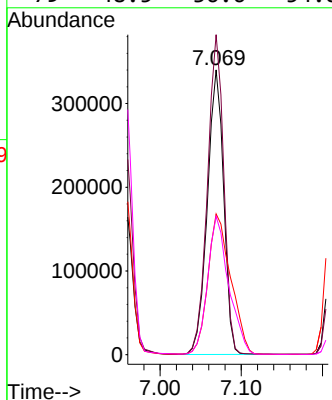
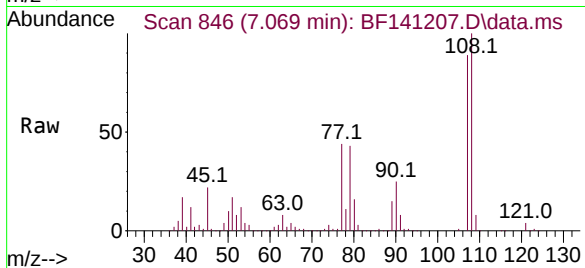




#17
2-Methylphenol
Concen: 40.654 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

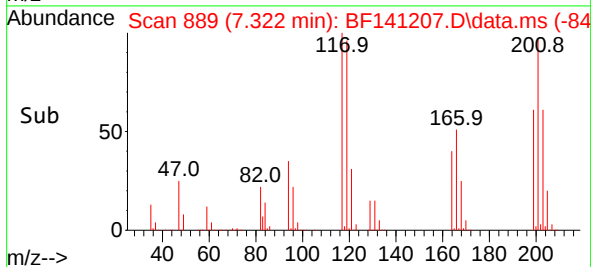
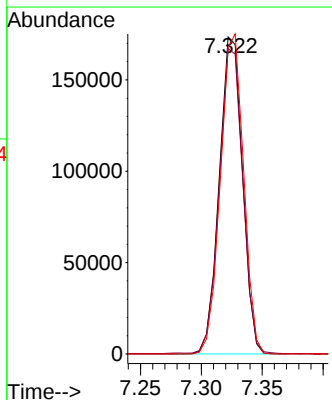
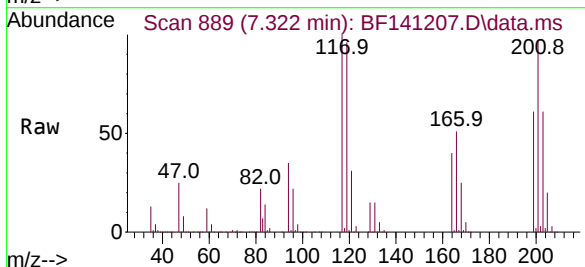
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:	107	Resp:	474714
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.1	135.1
77	49.4	36.6	55.0
79	48.5	36.6	54.8



#18
Hexachloroethane
Concen: 39.264 ng
RT: 7.322 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:	117	Resp:	230813
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.6	116.4
201	96.5	75.1	112.7



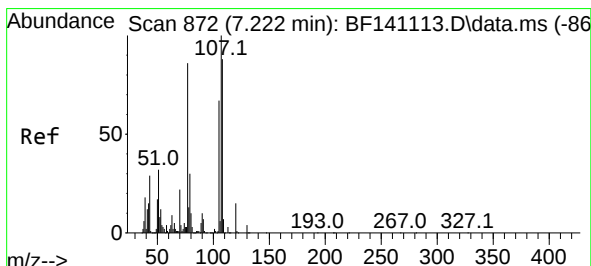
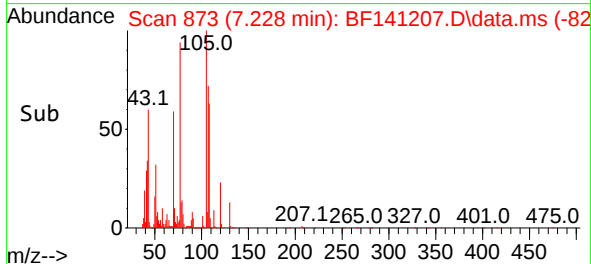
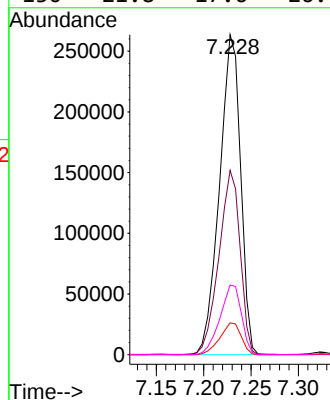
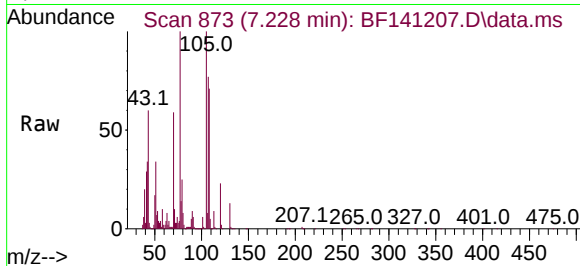


#19
n-Nitroso-di-n-propylamine
Concen: 40.621 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion: 70 Resp: 408612

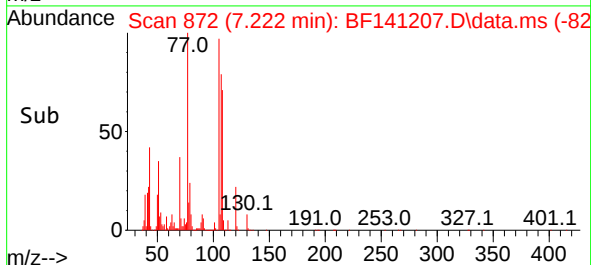
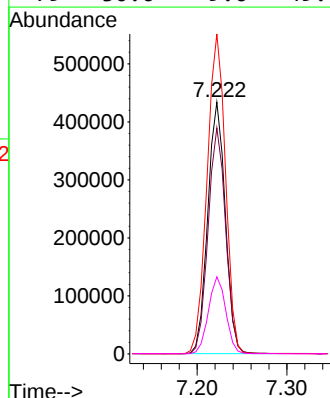
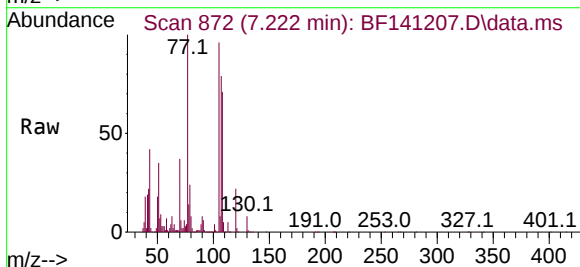
Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.8	71.6
101	9.9	7.9	11.9
130	21.8	17.6	26.4

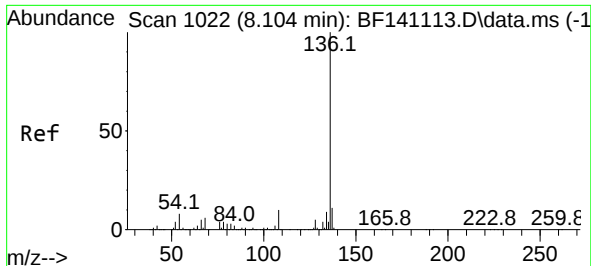


#20
3+4-Methylphenols
Concen: 39.986 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion: 107 Resp: 589068

Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.3	108.3
77	127.1	66.4	106.4#
79	30.6	9.6	49.6

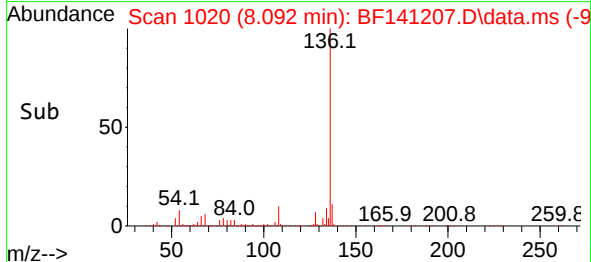
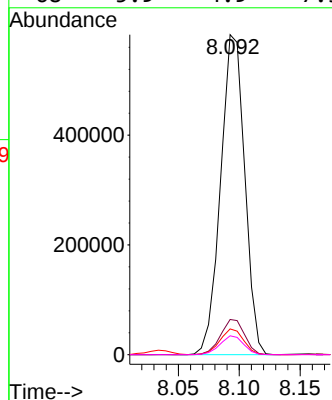
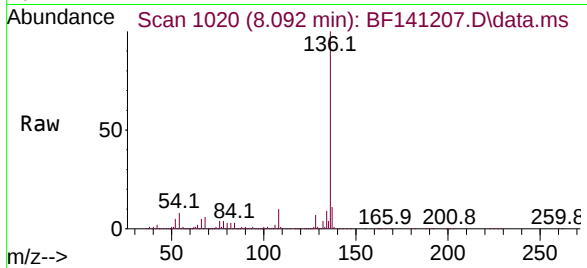




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

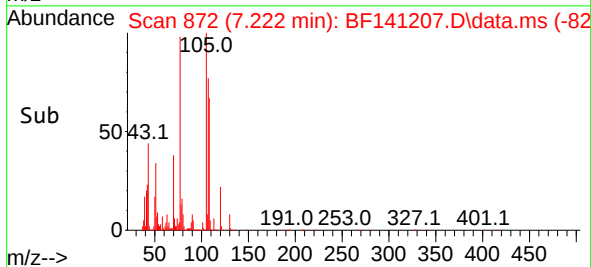
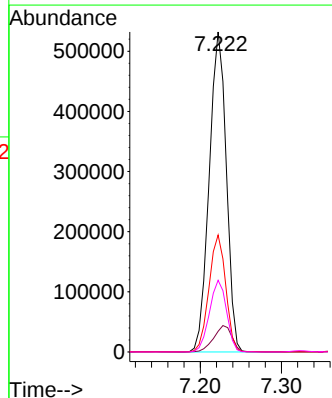
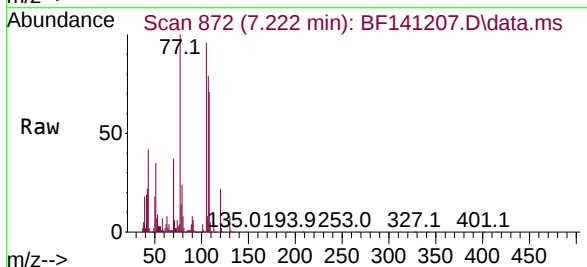
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:	136	Resp:	803714
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	6.3	9.5
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 40.708 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:	105	Resp:	777775
Ion	Ratio	Lower	Upper
105	100		
71	6.4	7.1	10.7
51	36.6	25.4	38.2
120	22.4	18.0	27.0

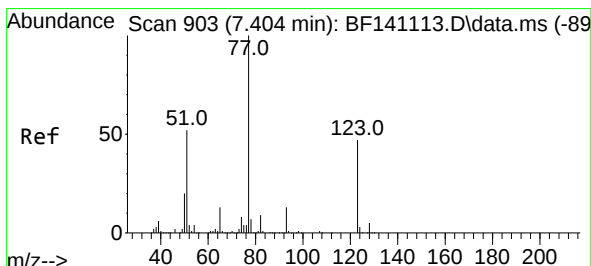
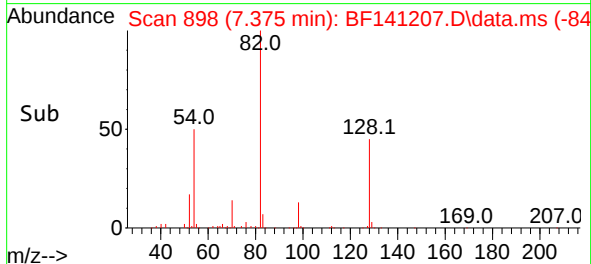
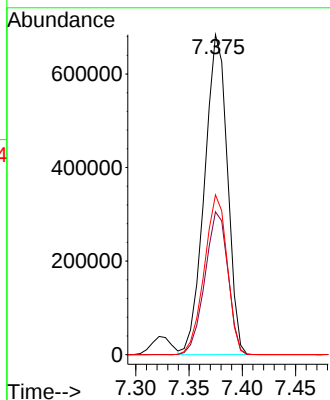
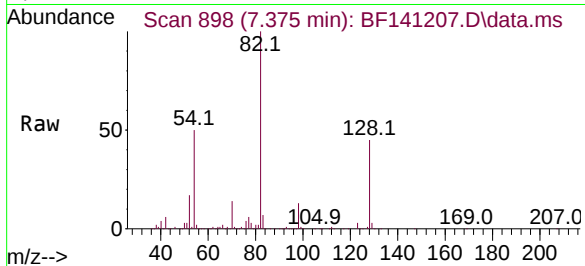




#23
Nitrobenzene-d5
Concen: 67.385 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

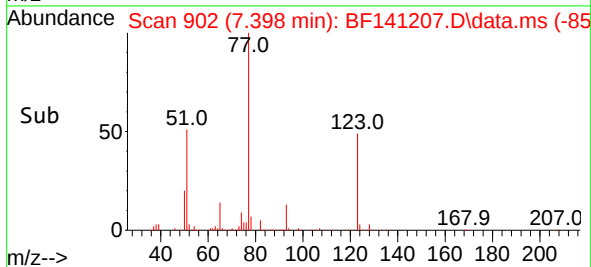
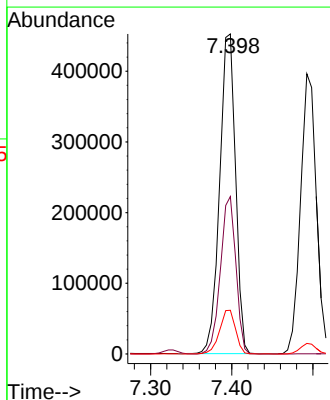
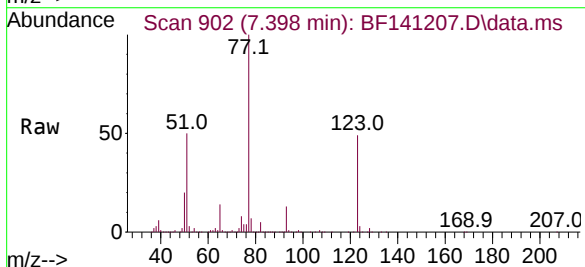
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

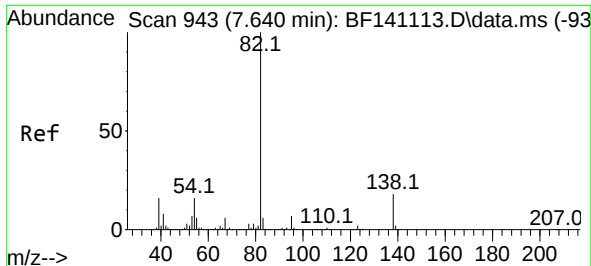
Tgt Ion: 82 Resp: 1021691
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 50.0 41.0 61.4



#24
Nitrobenzene
Concen: 39.074 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion: 77 Resp: 617440
Ion Ratio Lower Upper
77 100
123 49.2 37.7 56.5
65 13.7 10.6 16.0

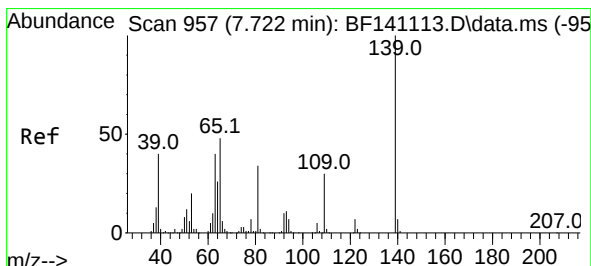
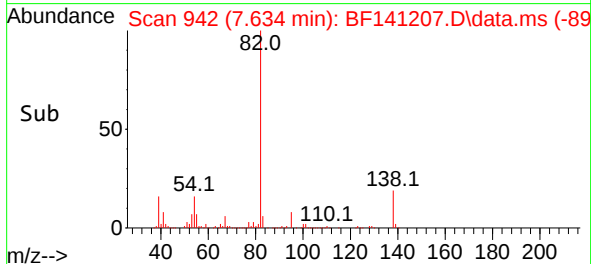
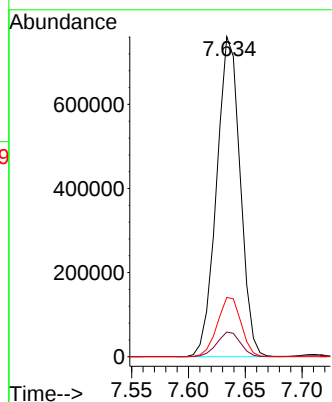
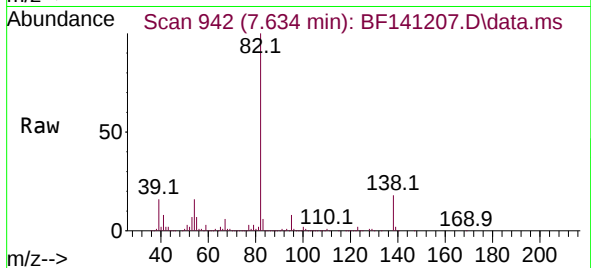




#25
Isophorone
Concen: 42.427 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

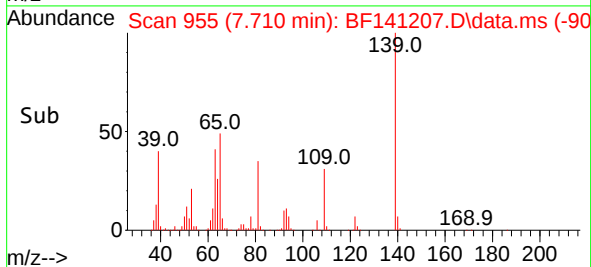
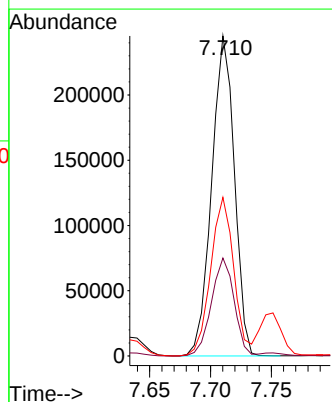
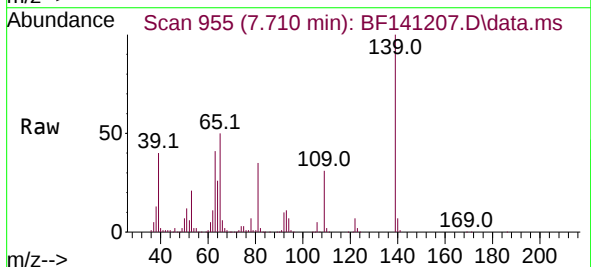
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion: 82 Resp: 1099330
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.5 14.2 21.2



#26
2-Nitrophenol
Concen: 44.370 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:139 Resp: 318936
Ion Ratio Lower Upper
139 100
109 30.6 23.8 35.6
65 49.5 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 49.980 ng

RT: 7.751 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

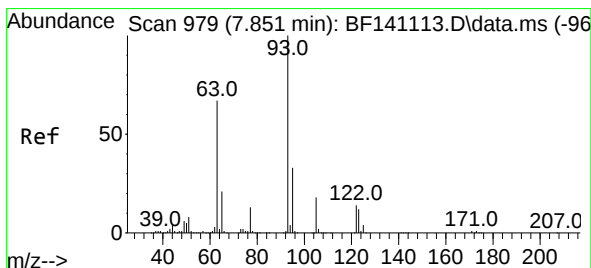
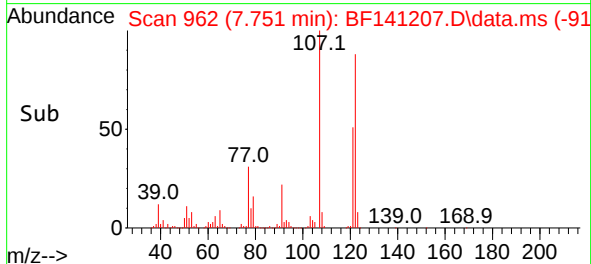
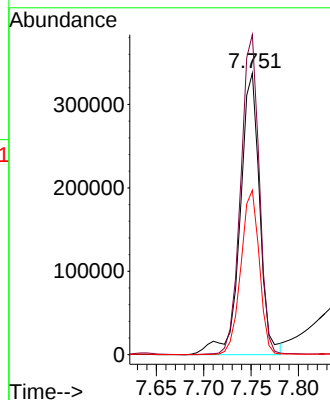
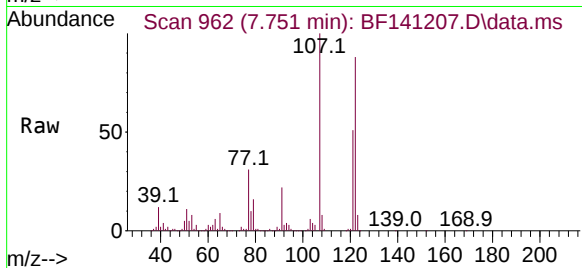
Tgt Ion:122 Resp: 484591

Ion Ratio Lower Upper

122 100

107 113.6 90.3 135.5

121 58.4 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 41.691 ng

RT: 7.845 min Scan# 978

Delta R.T. -0.006 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

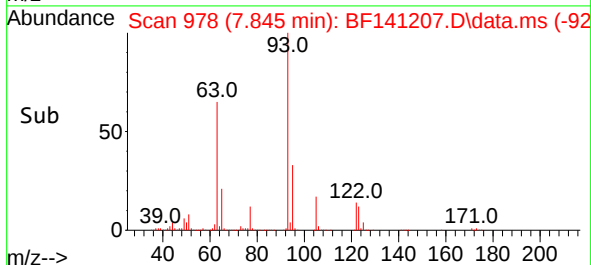
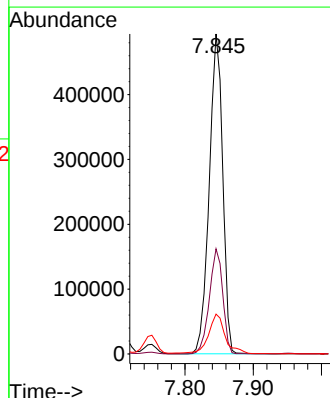
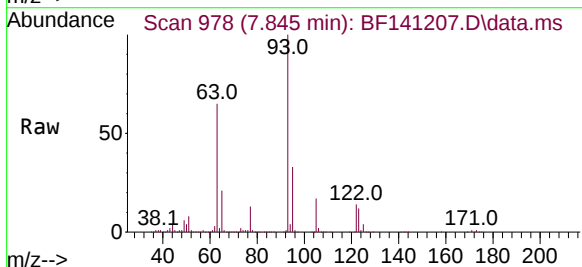
Tgt Ion: 93 Resp: 677960

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 42.051 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

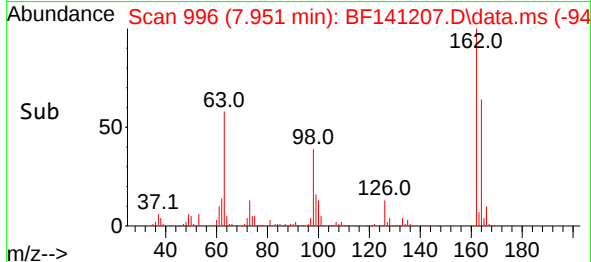
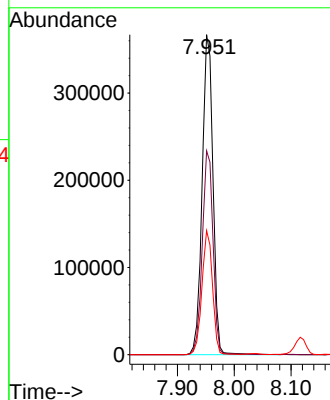
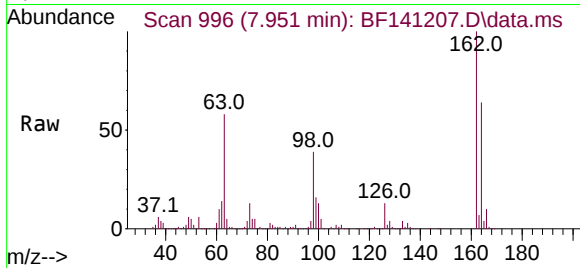
Tgt Ion:162 Resp: 484232

Ion Ratio Lower Upper

162 100

164 63.7 44.5 84.5

98 38.8 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 39.791 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

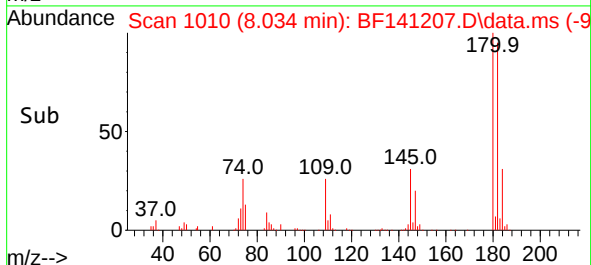
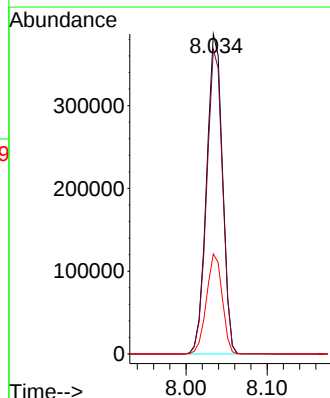
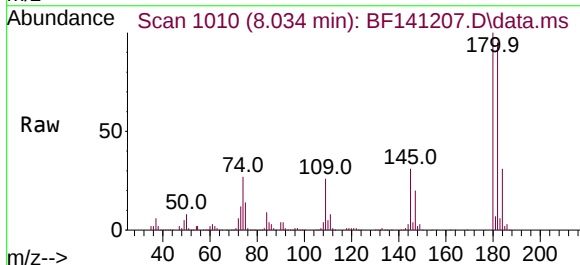
Tgt Ion:180 Resp: 523741

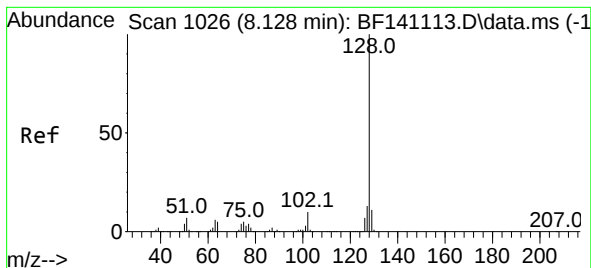
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 31.3 25.3 37.9





#31

Naphthalene

Concen: 40.408 ng

RT: 8.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

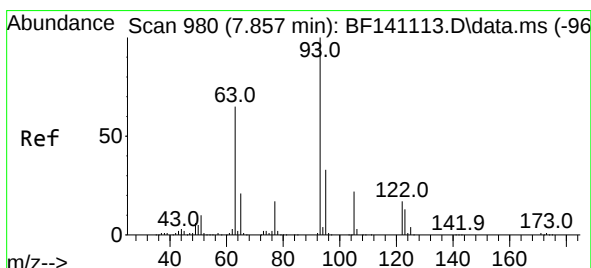
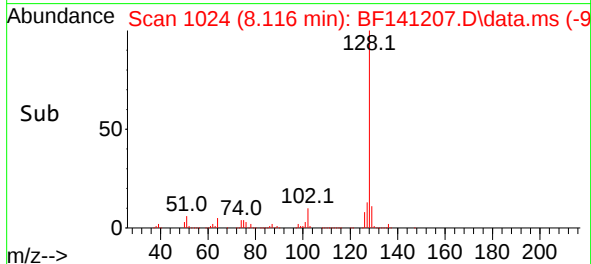
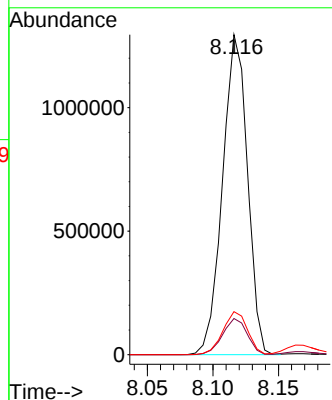
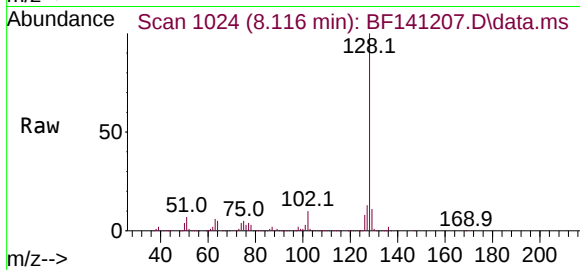
Tgt Ion:128 Resp: 1712669

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 40.273 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.018 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

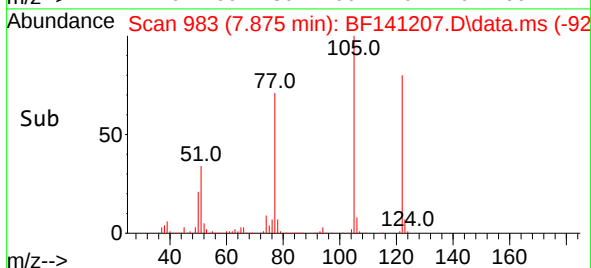
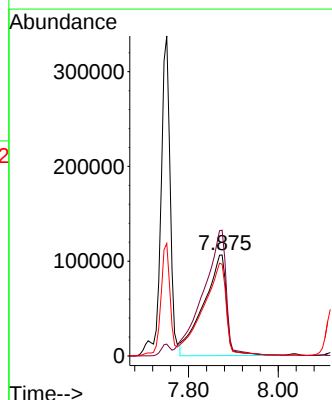
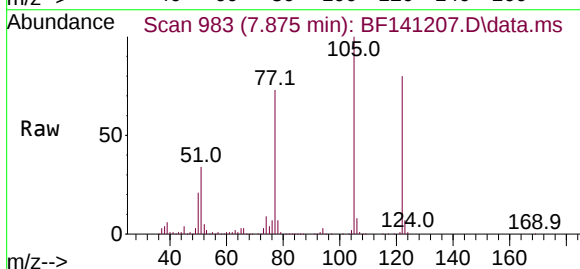
Tgt Ion:122 Resp: 374574

Ion Ratio Lower Upper

122 100

105 124.6 105.5 145.5

77 90.9 75.1 115.1

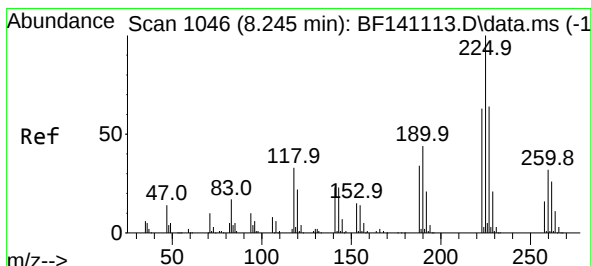
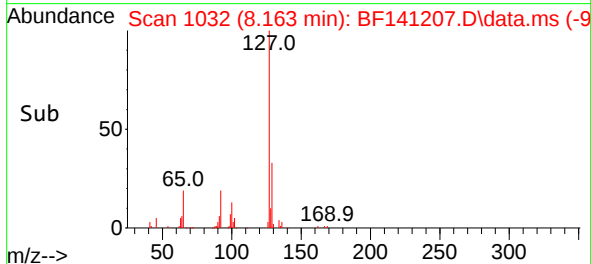
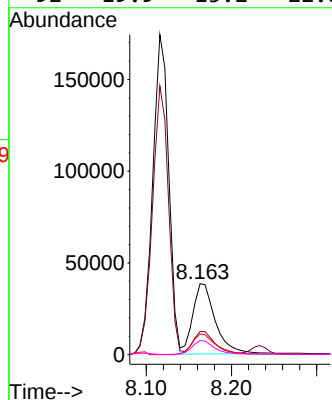
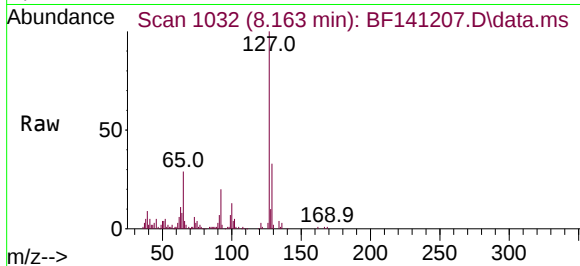




#33
4-Chloroaniline
Concen: 4.781 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

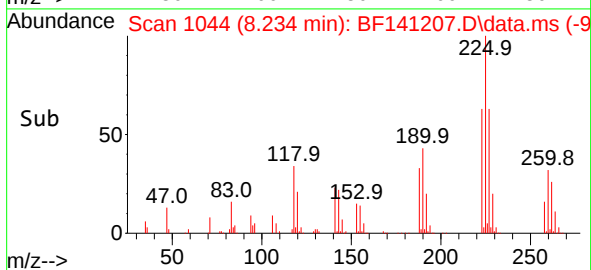
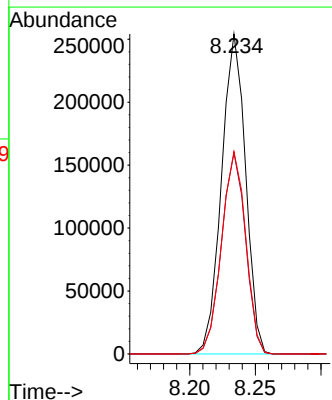
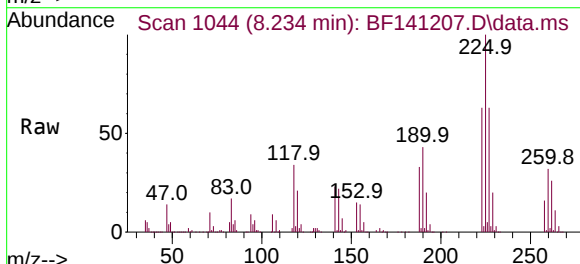
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

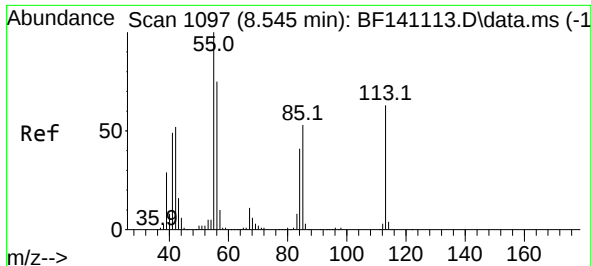
Tgt Ion:127	Resp:	70076
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.9 38.9
65	29.4	23.8 35.8
92	19.9	15.2 22.8



#34
Hexachlorobutadiene
Concen: 40.854 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:225	Resp:	324020
Ion Ratio	Lower	Upper
225	100	
223	62.8	50.6 76.0
227	63.3	51.6 77.4

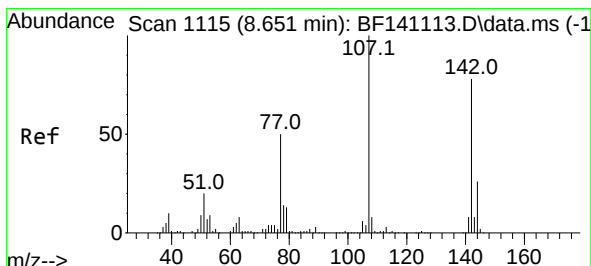
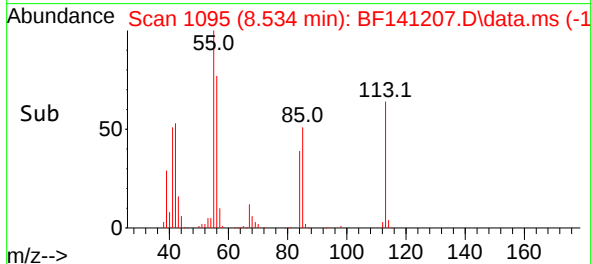
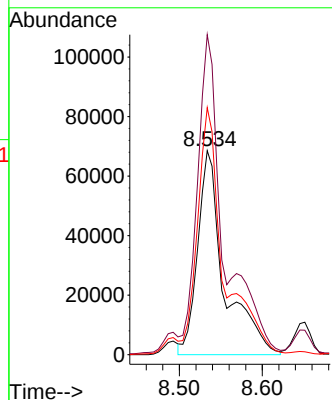
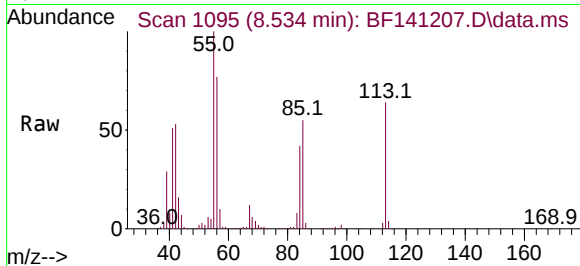




#35
 Caprolactam
 Concen: 40.586 ng m
 RT: 8.534 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF141207.D
 Acq: 17 Jan 2025 21:37

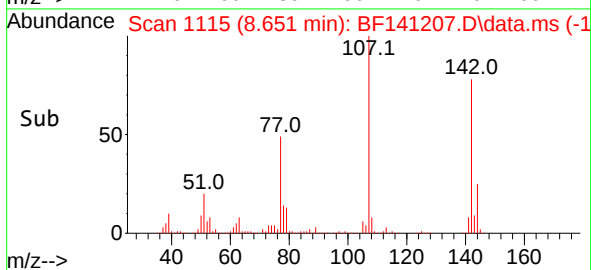
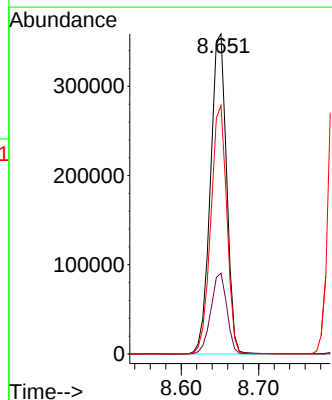
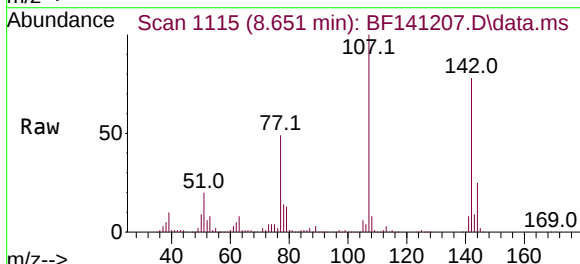
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

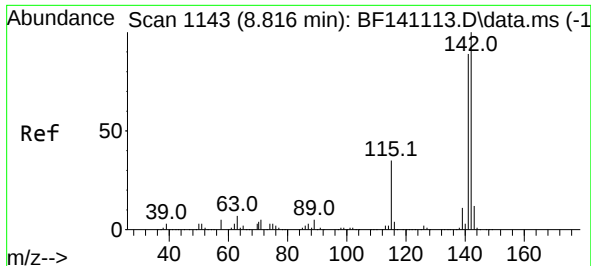
Tgt Ion:113 Resp: 153011
 Ion Ratio Lower Upper
 113 100
 55 156.8 139.7 179.7
 56 121.1 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.191 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. 0.000 min
 Lab File: BF141207.D
 Acq: 17 Jan 2025 21:37

Tgt Ion:107 Resp: 518748
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.4 30.6
 142 77.6 62.2 93.2

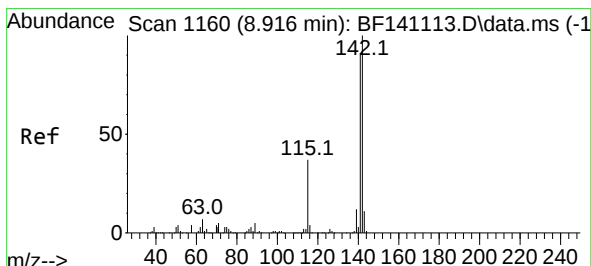
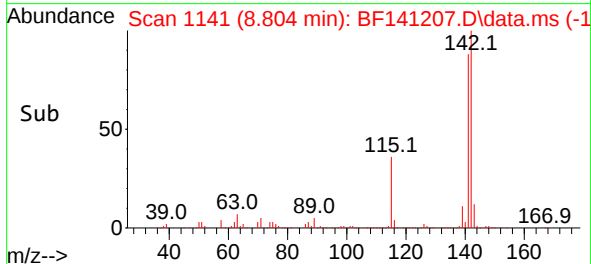
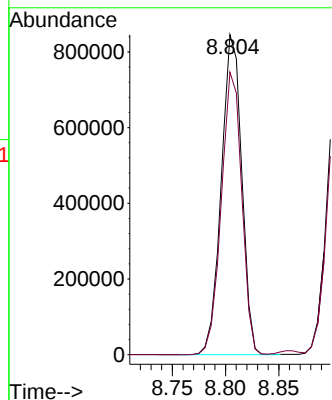
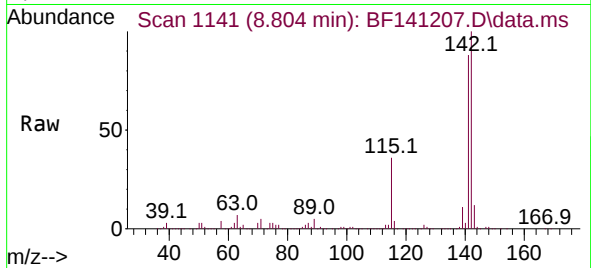




#37
2-Methylnaphthalene
Concen: 41.584 ng
RT: 8.804 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

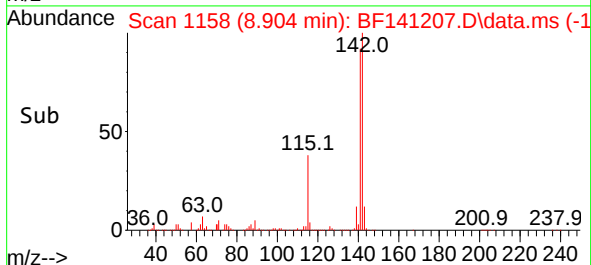
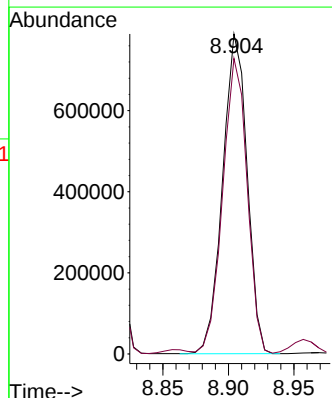
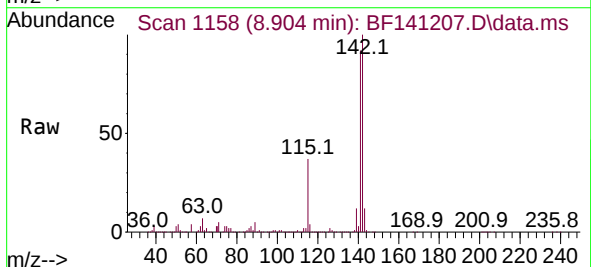
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

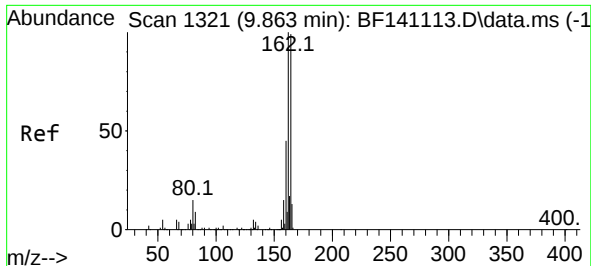
Tgt Ion:142 Resp: 1123151
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9



#38
1-Methylnaphthalene
Concen: 38.461 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:142 Resp: 1023760
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7

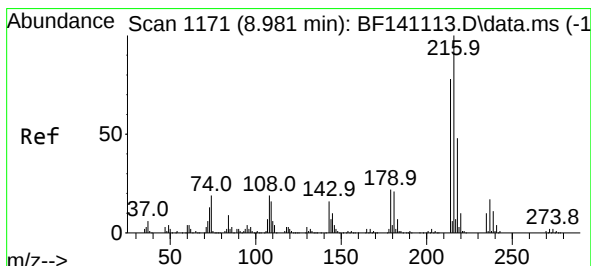
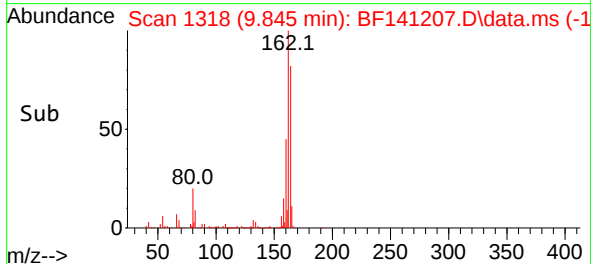
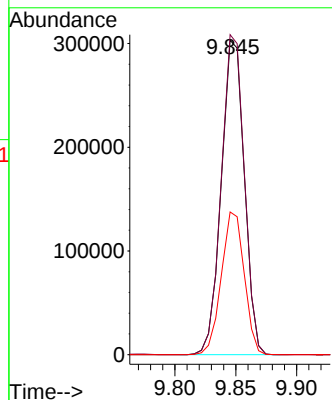
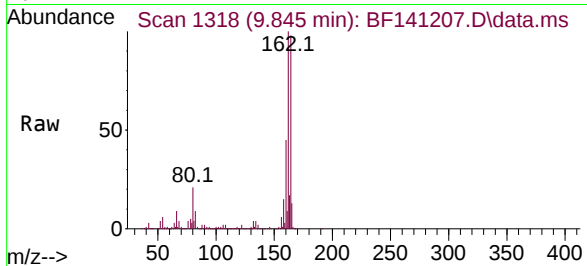




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

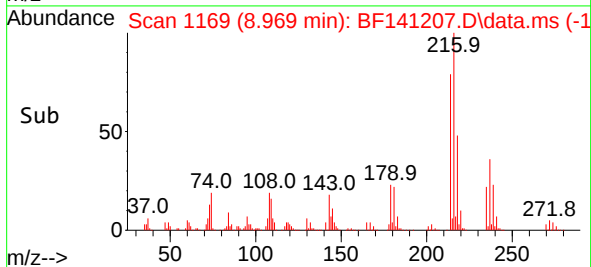
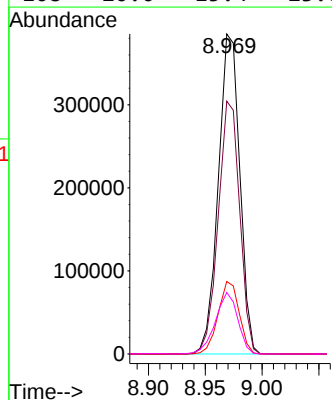
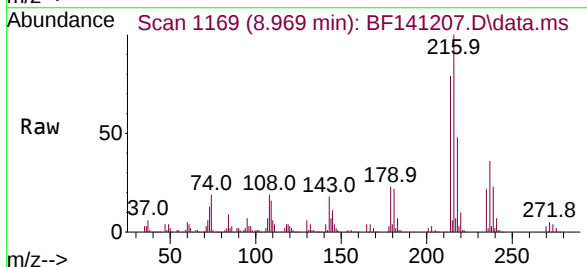
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:164 Resp: 400010
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 45.4 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.129 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:216 Resp: 506644
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 22.3 17.7 26.5
108 20.0 15.4 23.0

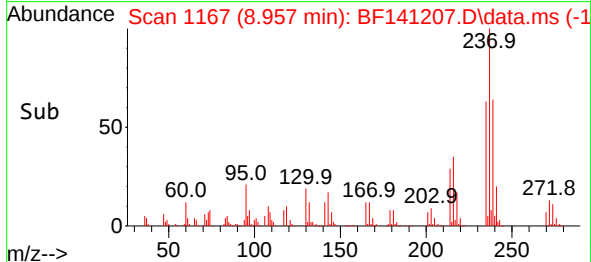
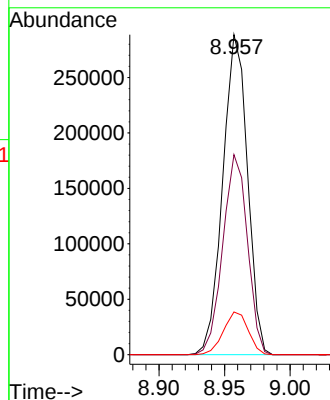
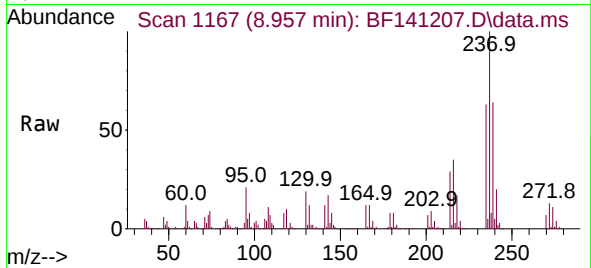




#41
Hexachlorocyclopentadiene
Concen: 100.811 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

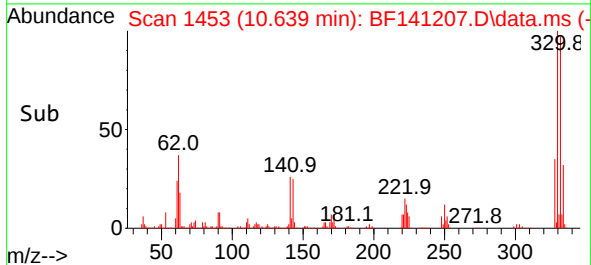
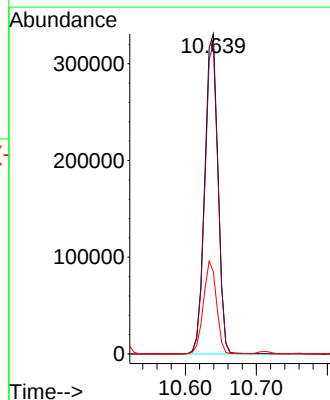
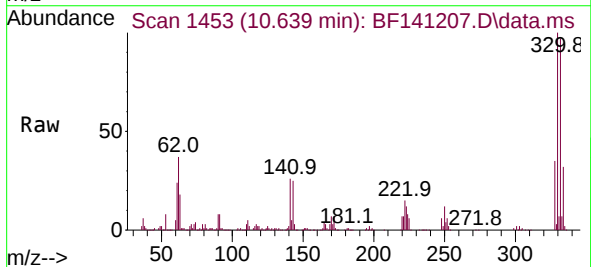
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:237 Resp: 378666
Ion Ratio Lower Upper
237 100
235 62.5 43.0 83.0
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 94.321 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:330 Resp: 429902
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 28.5 25.2 37.8

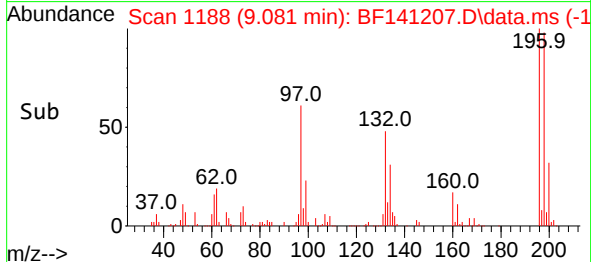
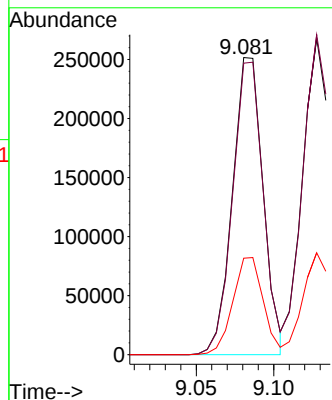
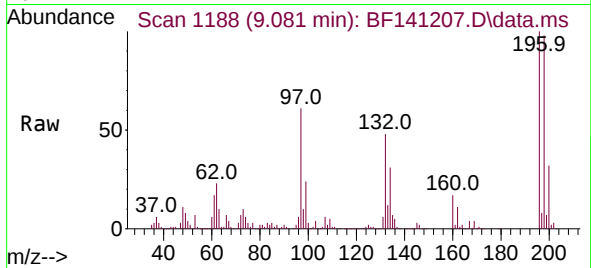




#43
2,4,6-Trichlorophenol
Concen: 44.717 ng
RT: 9.081 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

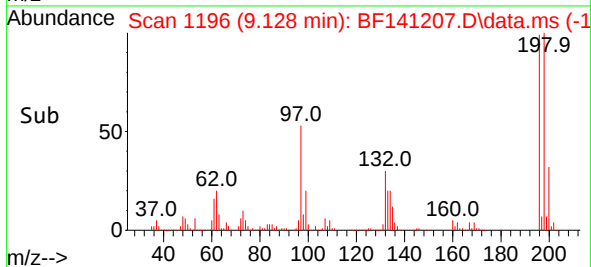
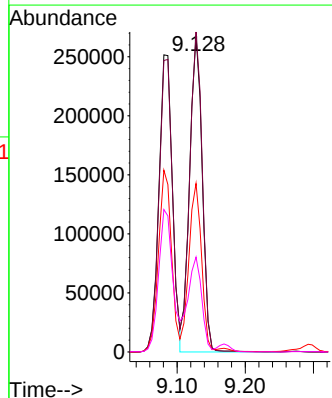
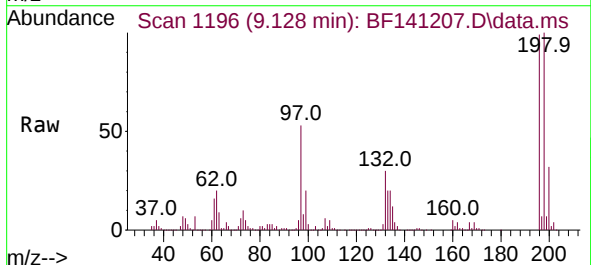
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

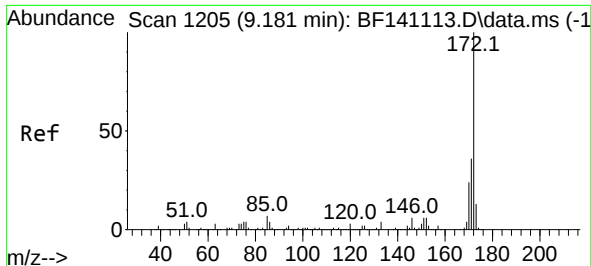
Tgt Ion:196 Resp: 346254
Ion Ratio Lower Upper
196 100
198 98.1 80.8 121.2
200 32.5 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 41.933 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:196 Resp: 342922
Ion Ratio Lower Upper
196 100
198 101.1 80.6 120.8
97 53.2 43.1 64.7
132 30.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 66.560 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

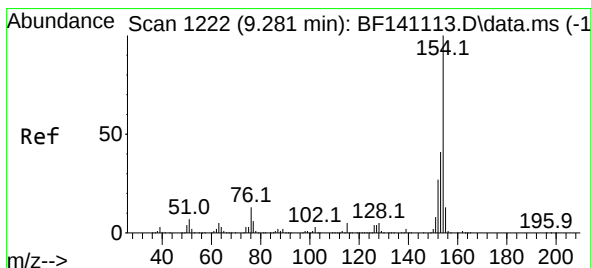
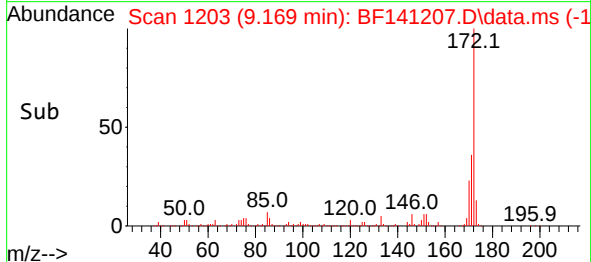
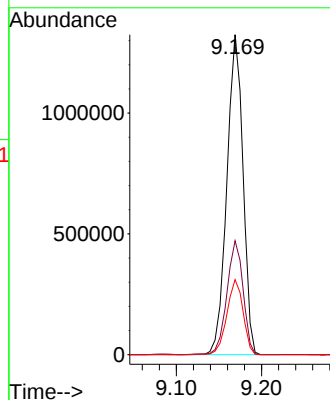
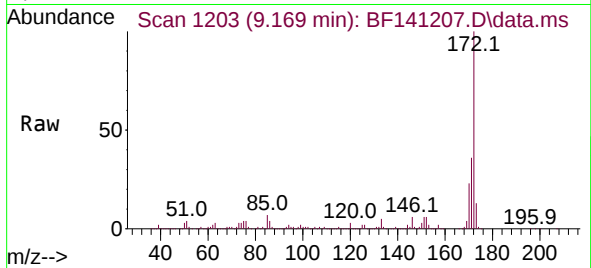
Tgt Ion:172 Resp: 1743539

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 42.919 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

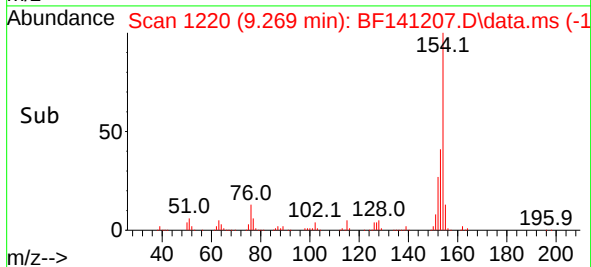
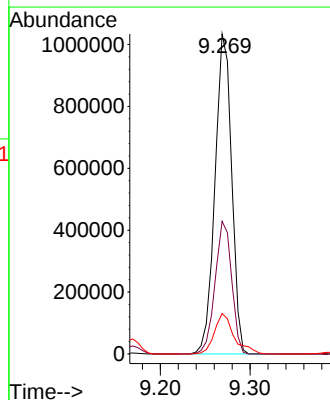
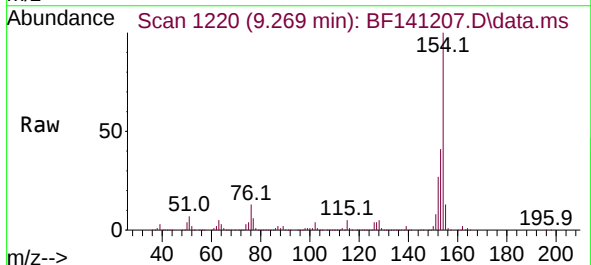
Tgt Ion:154 Resp: 1333280

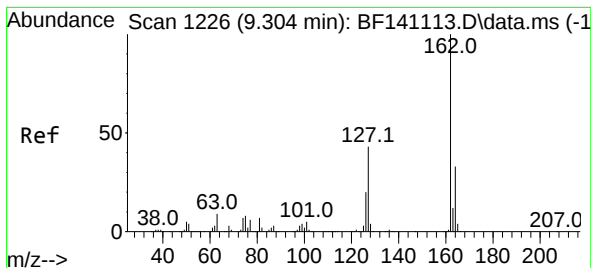
Ion Ratio Lower Upper

154 100

153 41.4 20.7 60.7

76 12.7 0.0 33.1





#47

2-Chloronaphthalene

Concen: 41.323 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

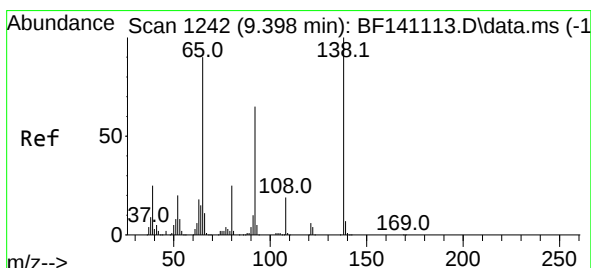
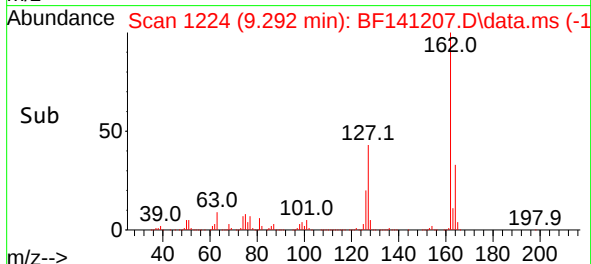
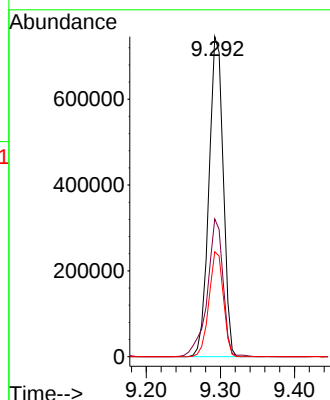
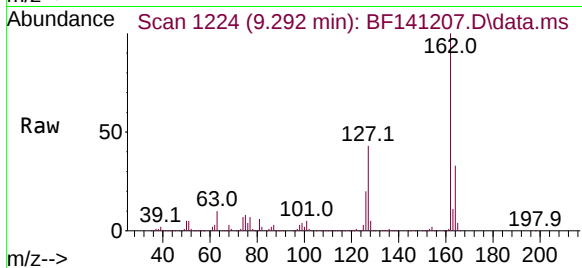
Tgt Ion:162 Resp: 999822

Ion Ratio Lower Upper

162 100

127 43.1 34.6 51.8

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 41.304 ng

RT: 9.392 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

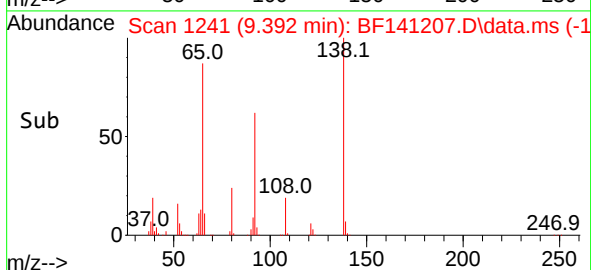
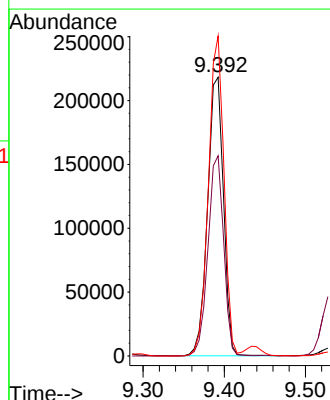
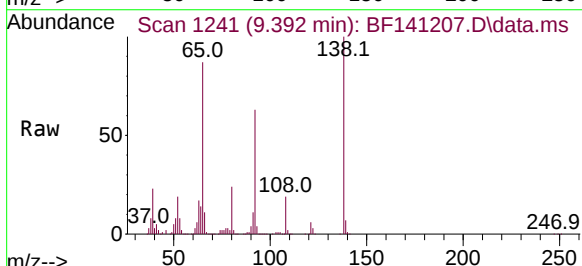
Tgt Ion: 65 Resp: 296248

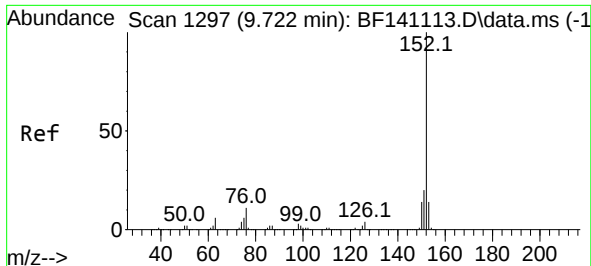
Ion Ratio Lower Upper

65 100

92 71.8 58.3 87.5

138 114.8 89.1 133.7





#49

Acenaphthylene

Concen: 43.694 ng

RT: 9.710 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

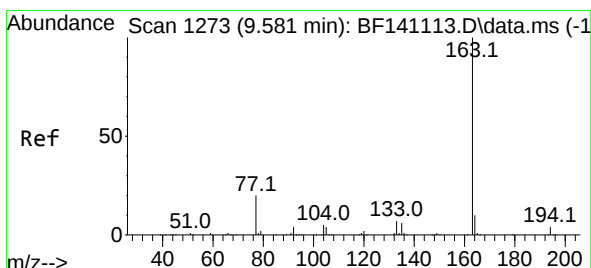
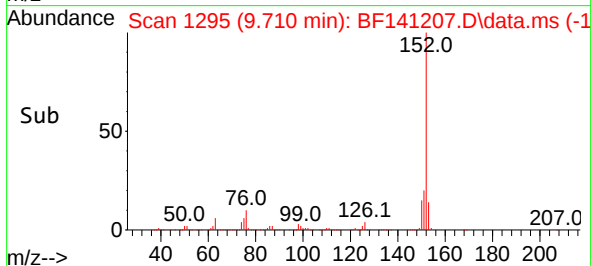
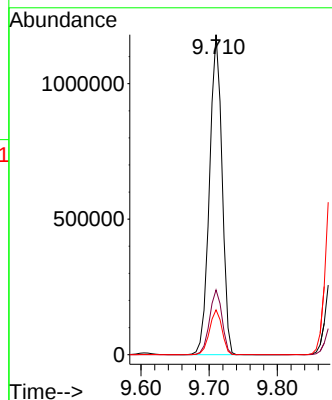
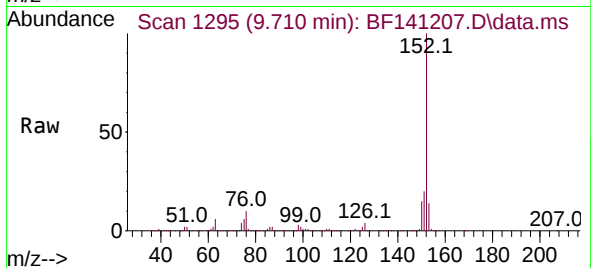
Tgt Ion:152 Resp: 1510444

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 44.781 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

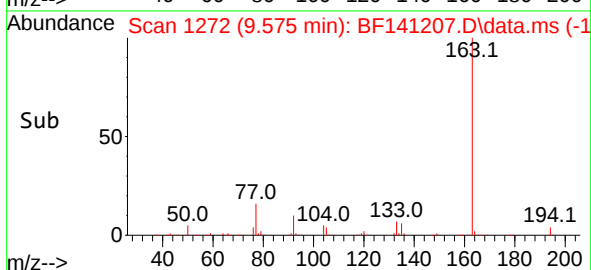
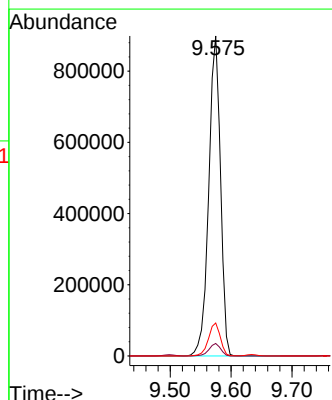
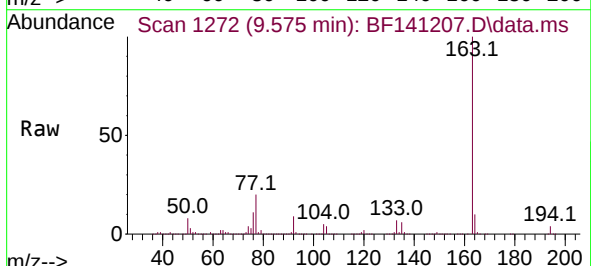
Tgt Ion:163 Resp: 1202551

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.2 12.4

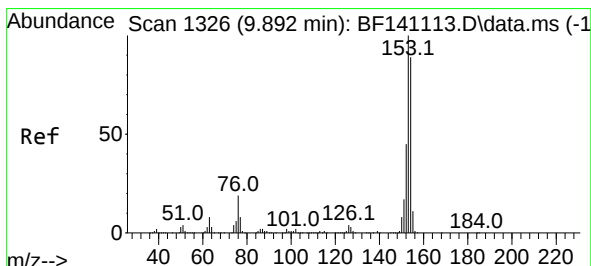
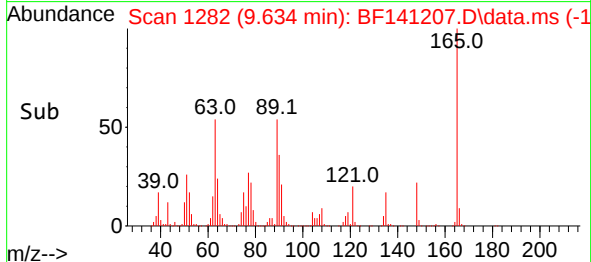
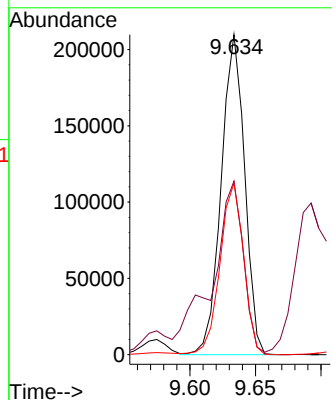
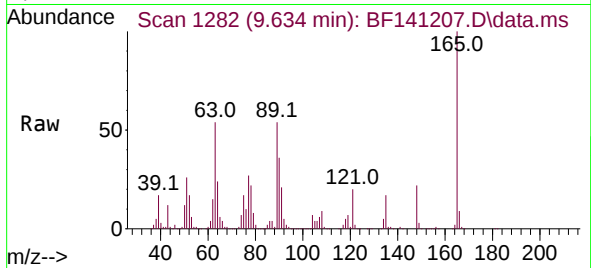




#51
2,6-Dinitrotoluene
Concen: 41.655 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

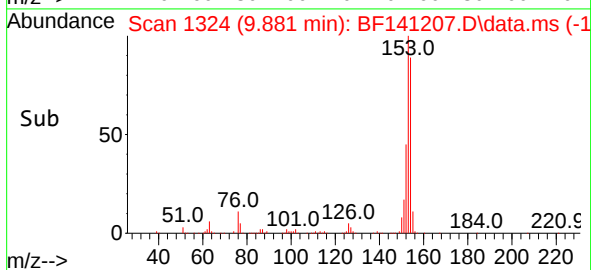
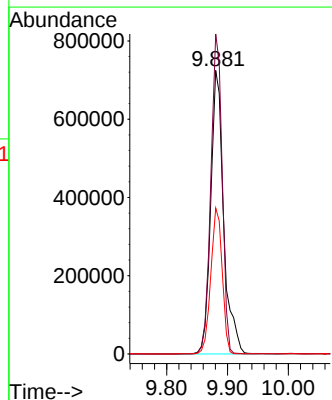
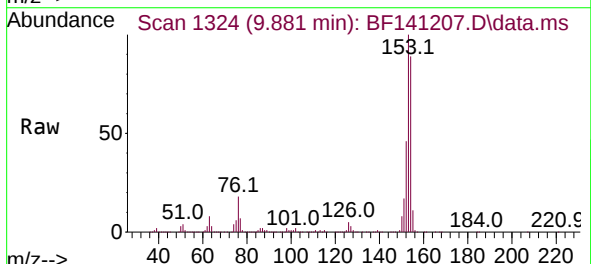
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

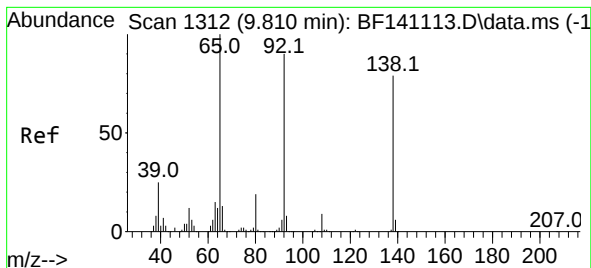
Tgt Ion:165 Resp: 260127
Ion Ratio Lower Upper
165 100
63 54.2 42.3 63.5
89 53.6 43.1 64.7



#52
Acenaphthene
Concen: 44.383 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:154 Resp: 1071904
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 51.5 40.8 61.2





#53

3-Nitroaniline

Concen: 23.033 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

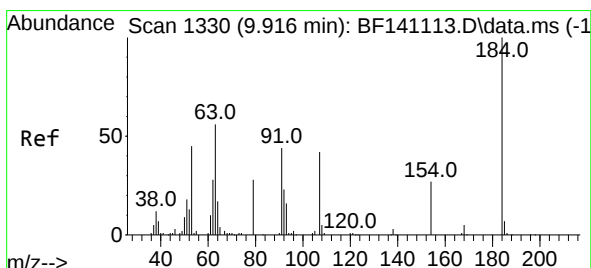
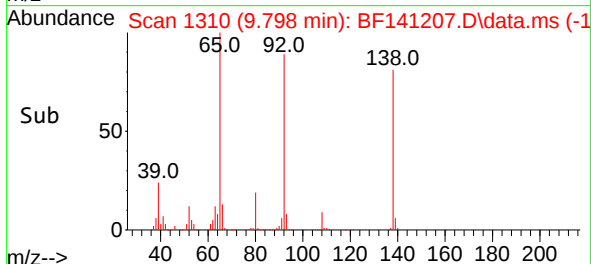
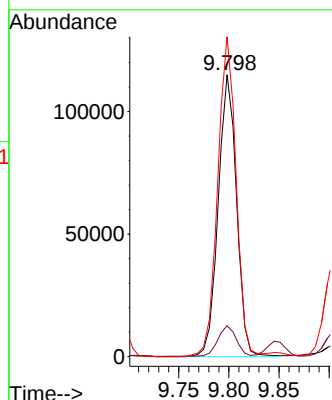
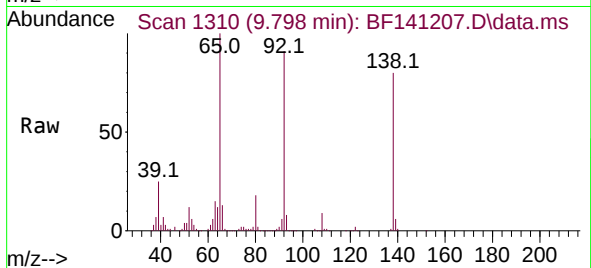
Tgt Ion:138 Resp: 146171

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

92 113.5 91.3 136.9



#54

2,4-Dinitrophenol

Concen: 69.702 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

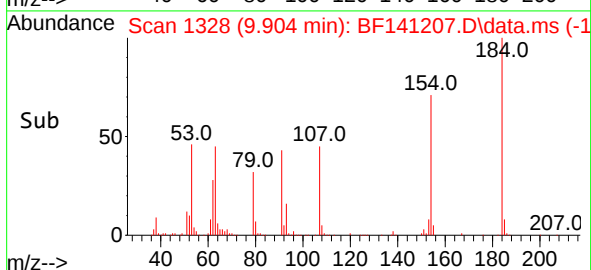
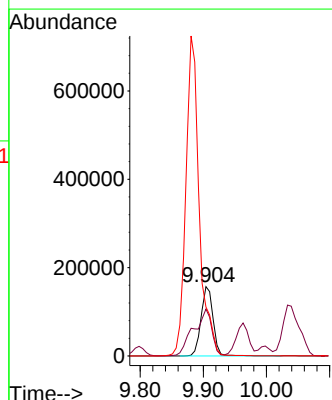
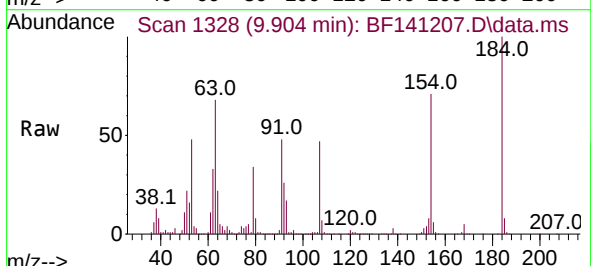
Tgt Ion:184 Resp: 206896

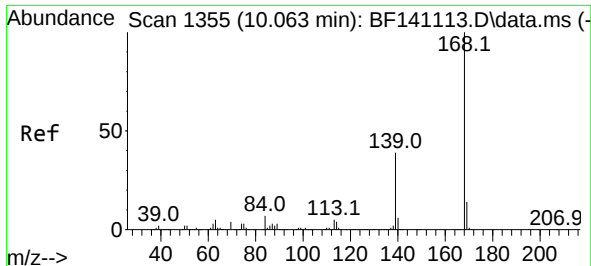
Ion Ratio Lower Upper

184 100

63 67.6 48.7 73.1

154 70.8 57.1 85.7

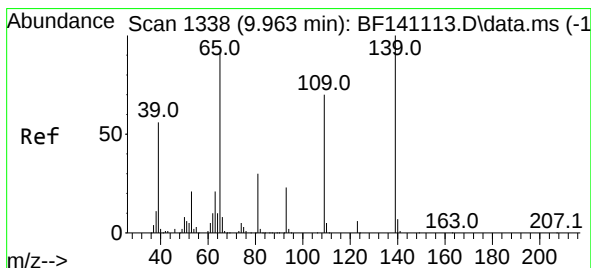
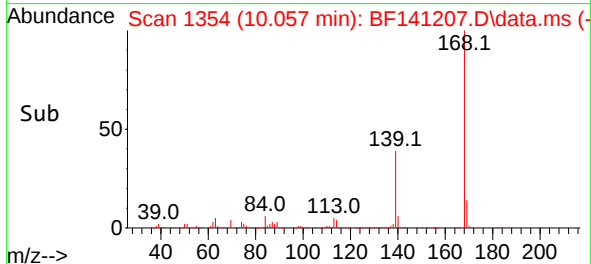
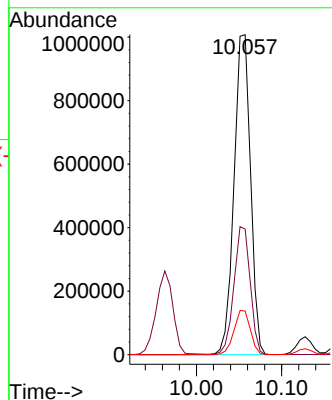
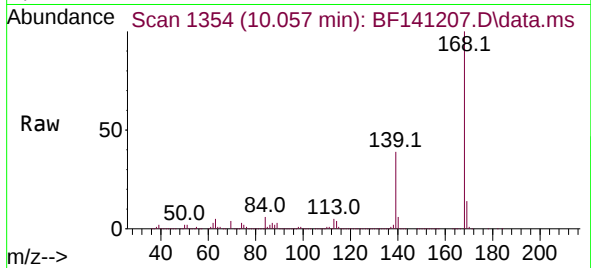




#55
Dibenzenofuran
Concen: 41.240 ng
RT: 10.057 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

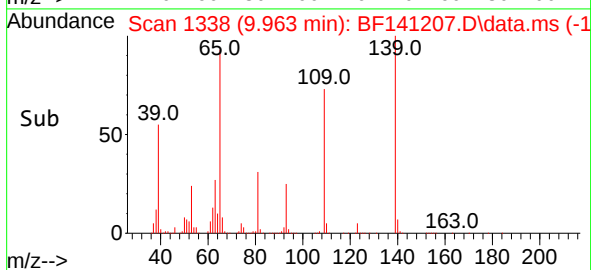
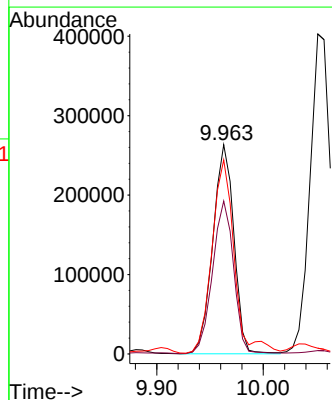
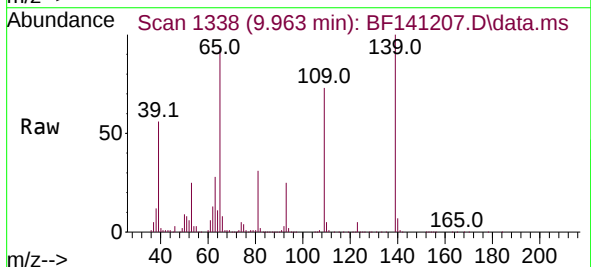
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

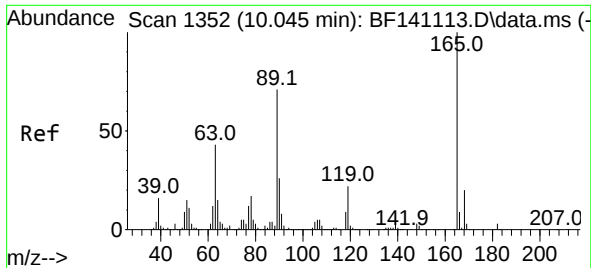
Tgt Ion:168 Resp: 1354757
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 72.686 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:139 Resp: 361254
Ion Ratio Lower Upper
139 100
109 73.1 50.2 90.2
65 92.7 72.1 112.1

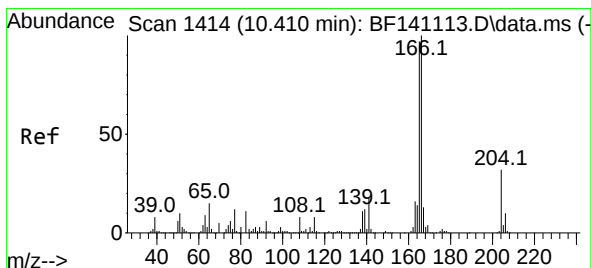
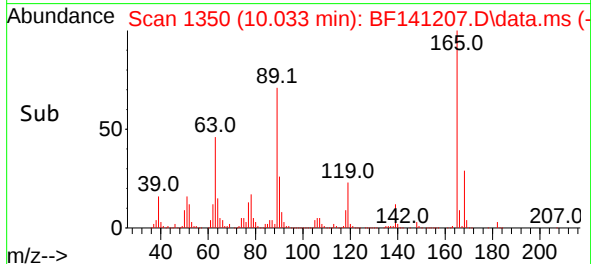
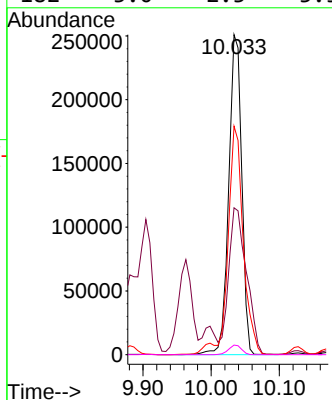
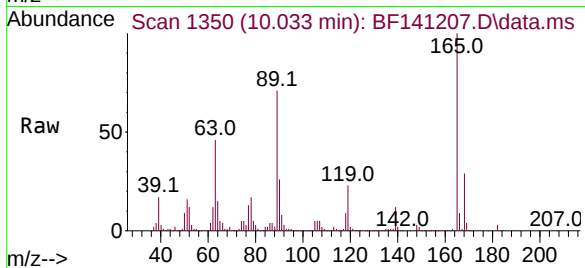




#57
2,4-Dinitrotoluene
Concen: 41.432 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

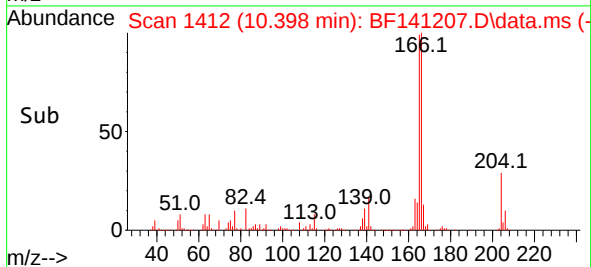
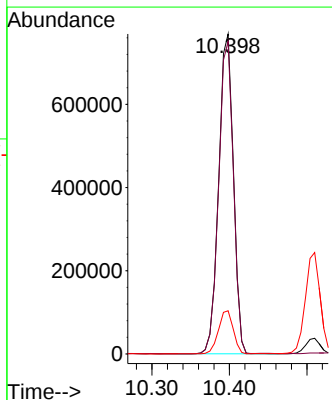
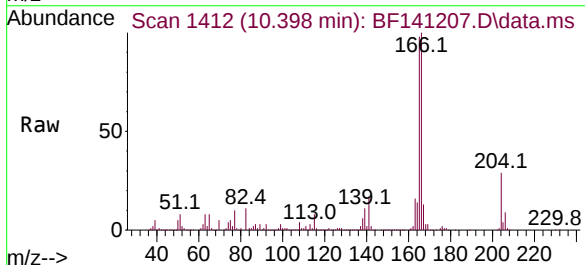
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

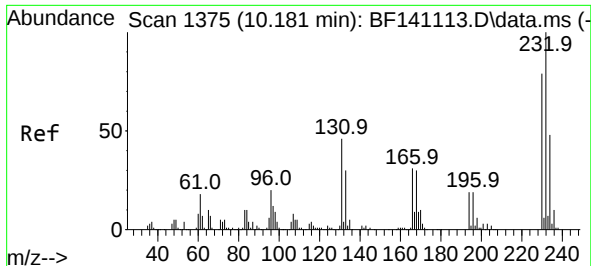
Tgt Ion:165 Resp: 333440
Ion Ratio Lower Upper
165 100
63 45.9 35.0 52.4
89 71.4 56.7 85.1
182 3.0 2.3 3.5



#58
Fluorene
Concen: 39.744 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:166 Resp: 1014320
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 13.5 10.8 16.2

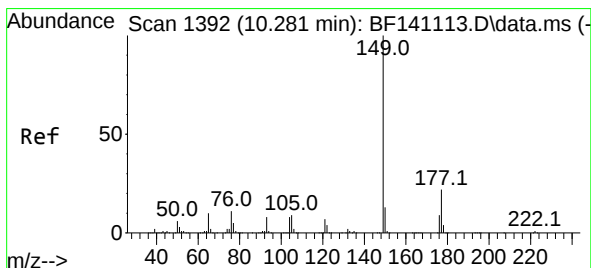
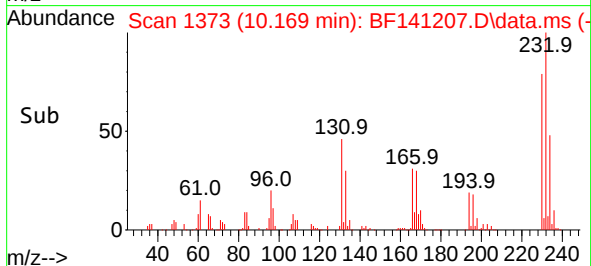
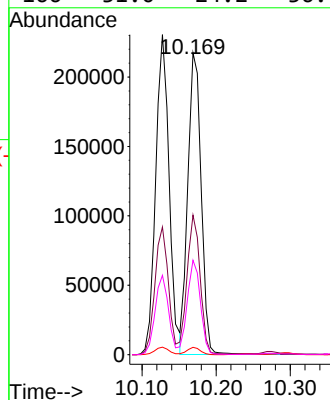
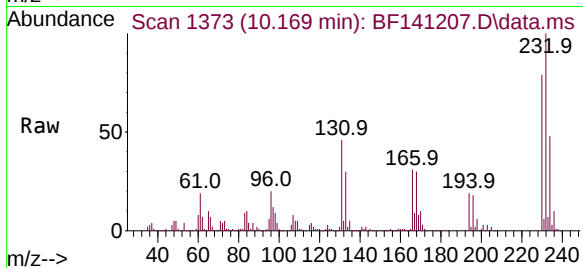




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.150 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

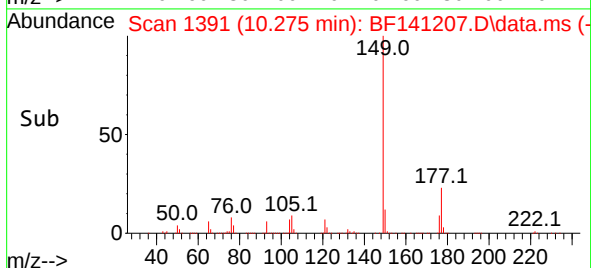
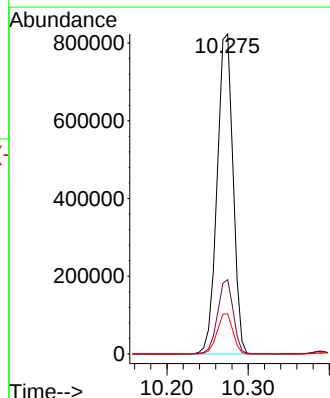
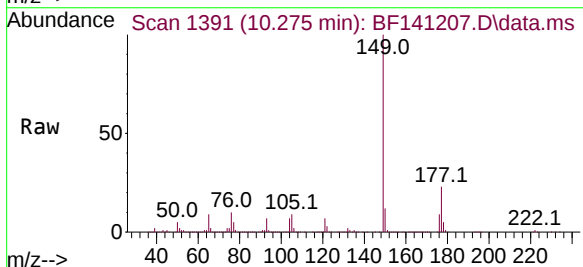
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

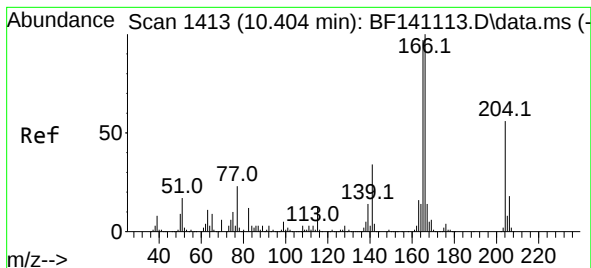
Tgt Ion:232 Resp: 272920
Ion Ratio Lower Upper
232 100
131 45.9 36.2 54.4
130 2.4 2.0 3.0
166 31.0 24.2 36.4



#60
Diethylphthalate
Concen: 42.896 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:149 Resp: 1124583
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.5 10.2 15.2

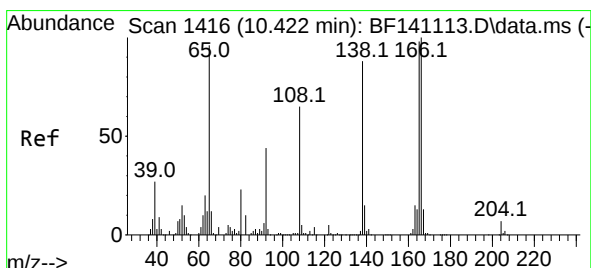
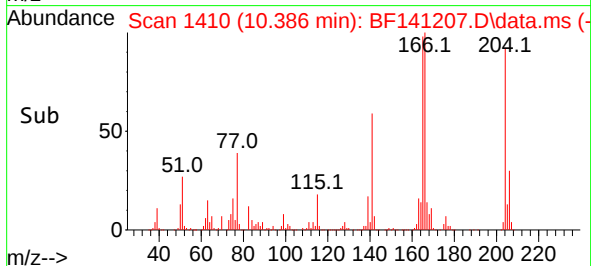
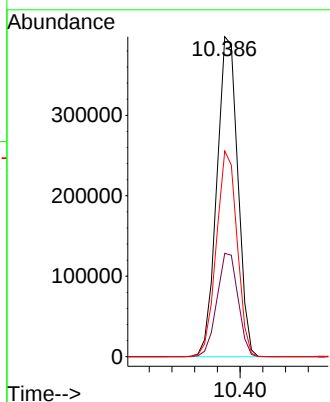
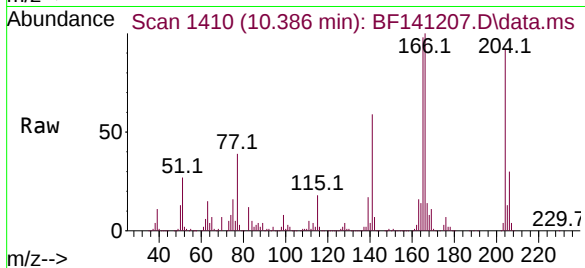




#61
4-Chlorophenyl-phenylether
Concen: 41.083 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

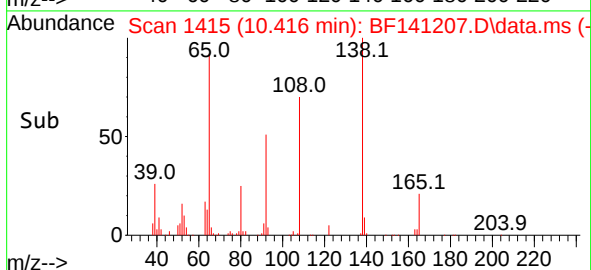
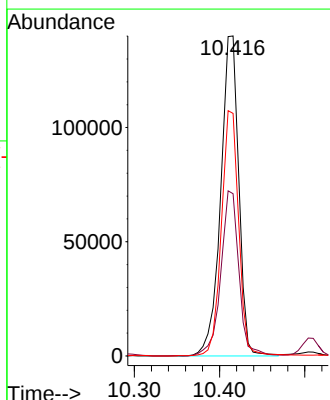
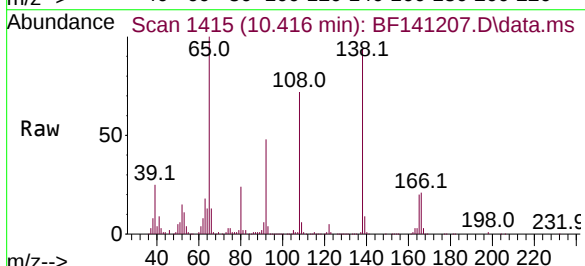
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

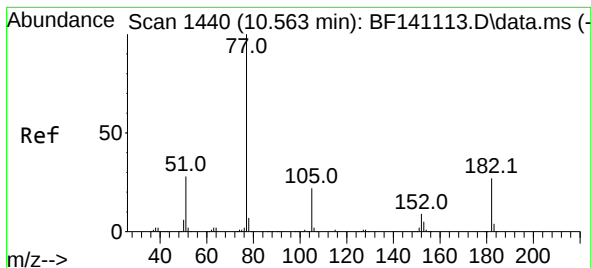
Tgt Ion:204 Resp: 511022
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 64.3 49.1 73.7



#62
4-Nitroaniline
Concen: 33.296 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:138 Resp: 206811
Ion Ratio Lower Upper
138 100
92 50.7 29.4 69.4
108 75.8 53.7 93.7





#63

Azobenzene

Concen: 42.085 ng

RT: 10.551 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

Tgt Ion: 77 Resp: 1088681

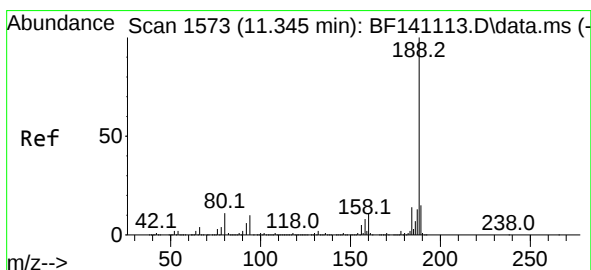
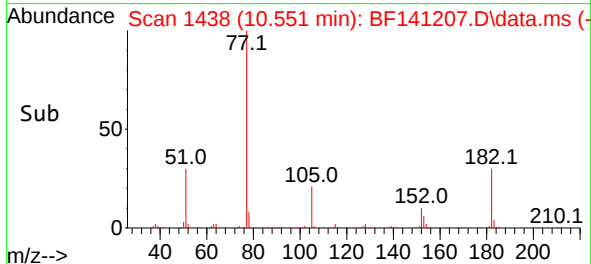
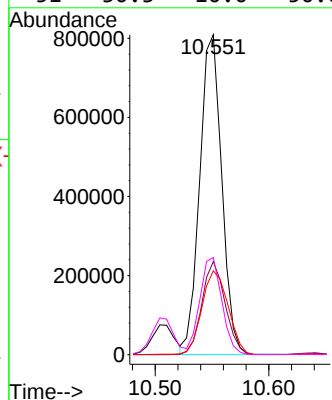
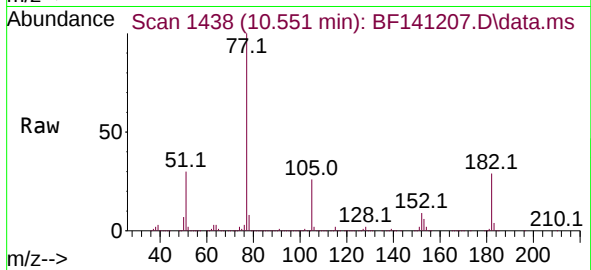
Ion Ratio Lower Upper

77 100

182 29.1 6.1 46.1

105 26.2 2.1 42.1

51 30.3 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

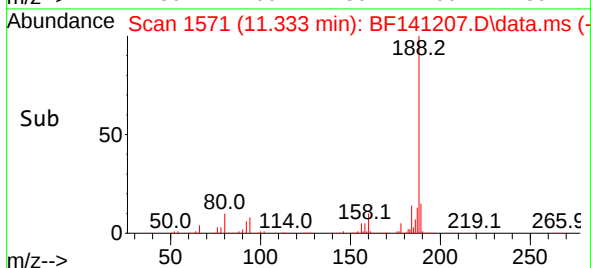
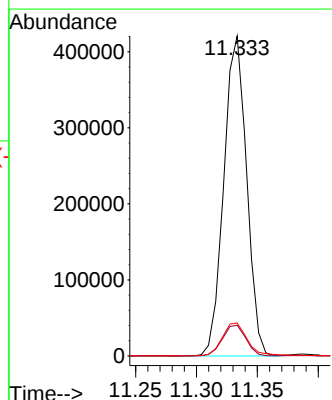
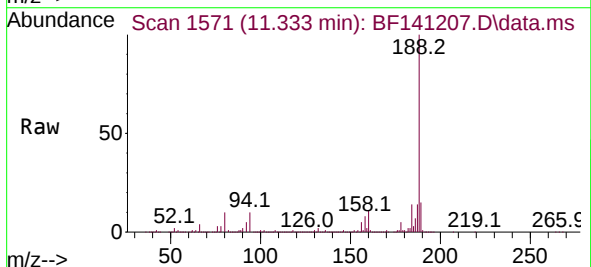
Tgt Ion: 188 Resp: 547983

Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

80 10.3 9.0 13.4

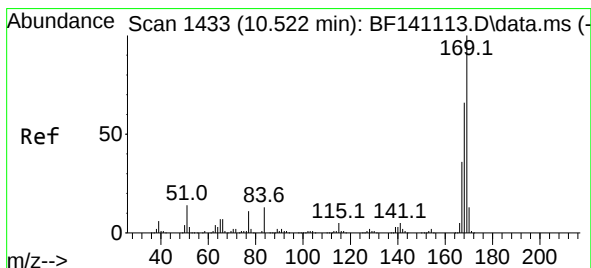
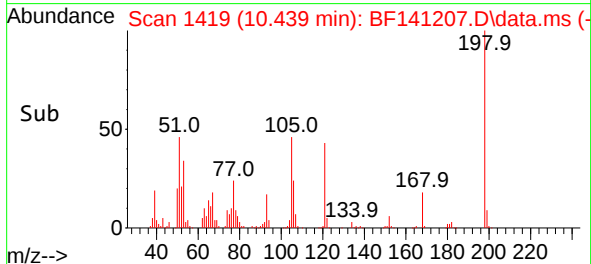
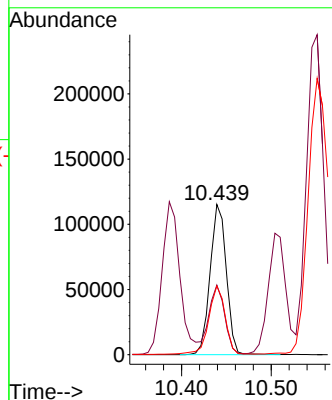
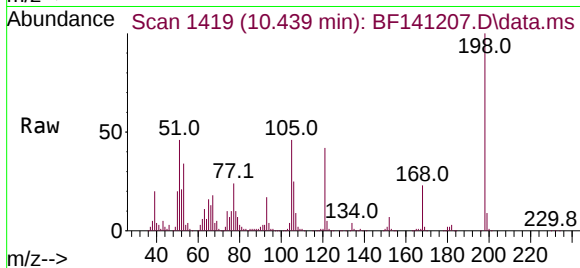




#65
4,6-Dinitro-2-methylphenol
Concen: 45.504 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

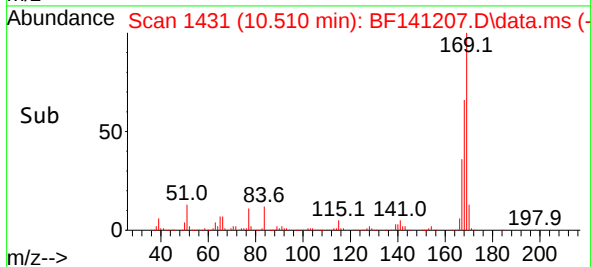
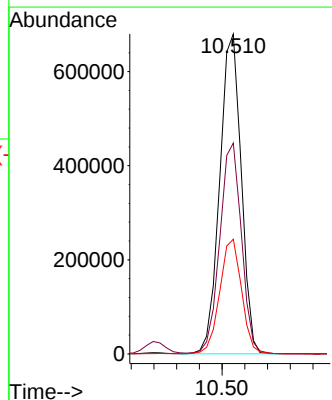
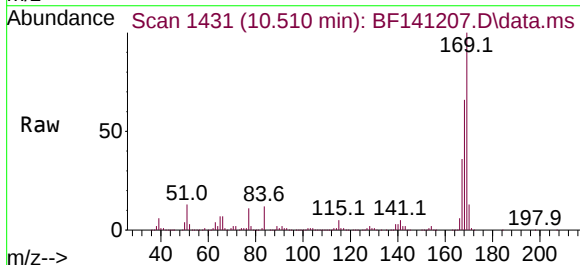
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:198 Resp: 144495
Ion Ratio Lower Upper
198 100
51 46.4 27.1 67.1
105 45.7 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 50.463 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:169 Resp: 891932
Ion Ratio Lower Upper
169 100
168 65.9 52.5 78.7
167 35.9 28.9 43.3

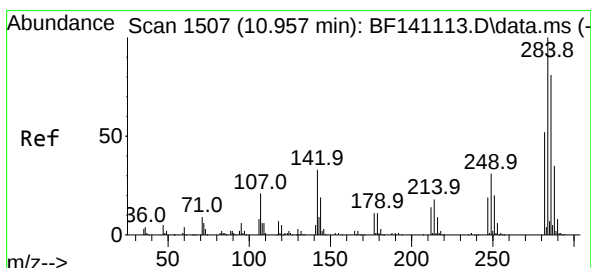
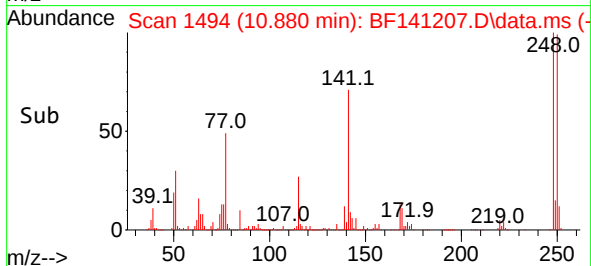
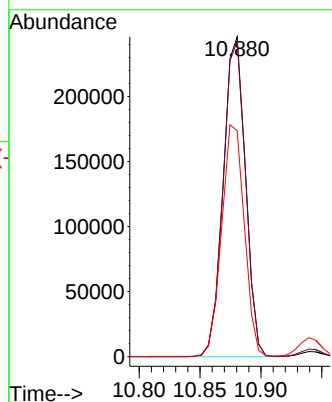
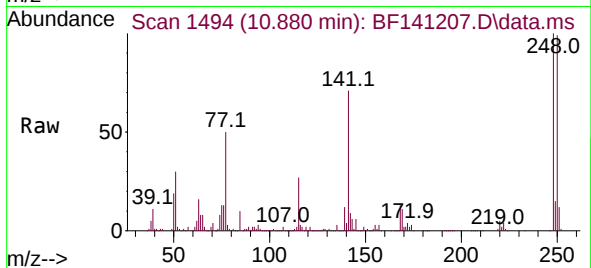




#67
4-Bromophenyl-phenylether
Concen: 49.467 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

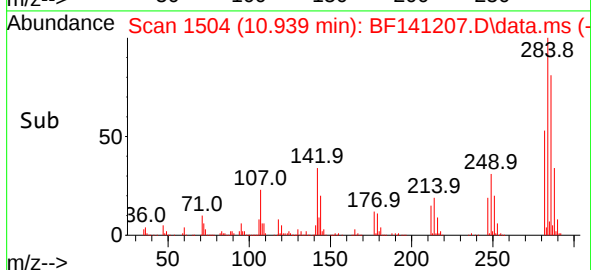
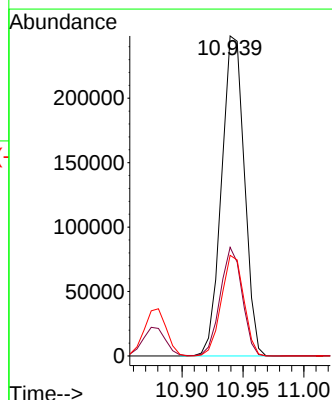
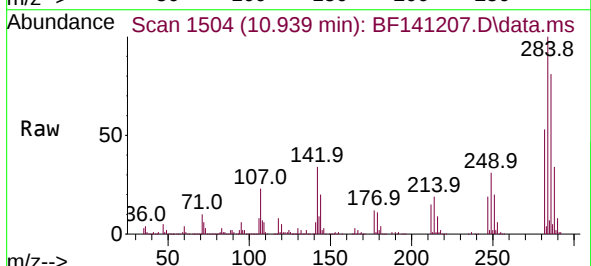
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

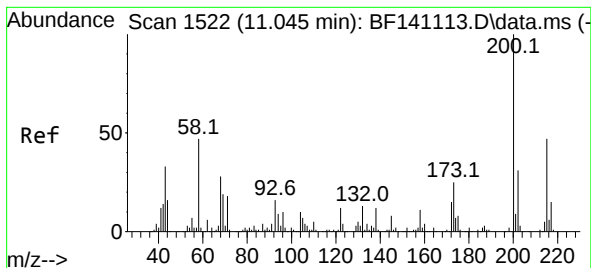
Tgt Ion:248 Resp: 312086
Ion Ratio Lower Upper
248 100
250 98.7 77.9 116.9
141 70.6 59.9 89.9



#68
Hexachlorobenzene
Concen: 46.109 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:284 Resp: 323827
Ion Ratio Lower Upper
284 100
142 33.9 26.3 39.5
249 31.5 24.9 37.3





#69

Atrazine

Concen: 59.567 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

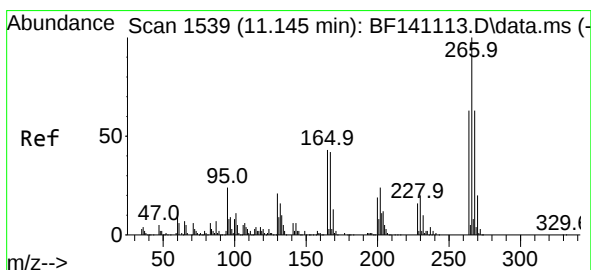
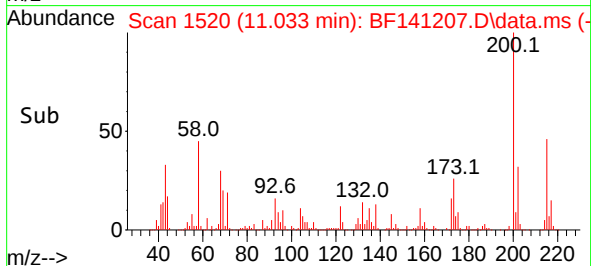
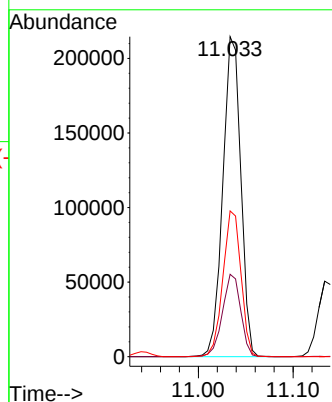
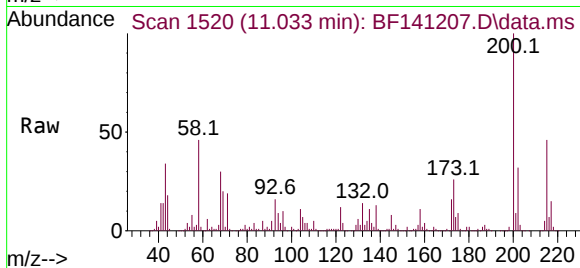
Tgt Ion:200 Resp: 283488

Ion Ratio Lower Upper

200 100

173 25.8 5.4 45.4

215 45.5 26.6 66.6



#70

Pentachlorophenol

Concen: 82.017 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

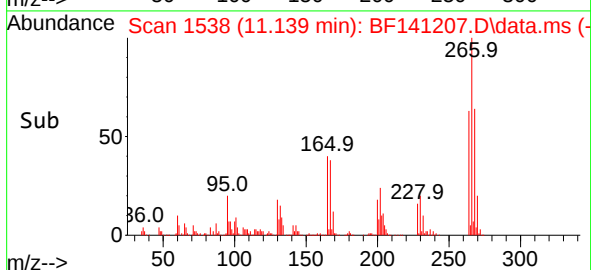
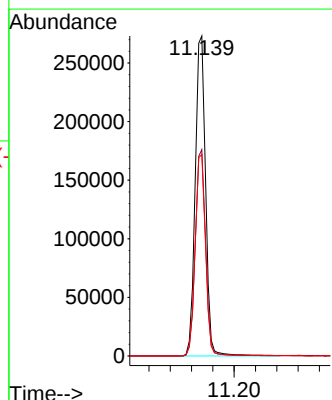
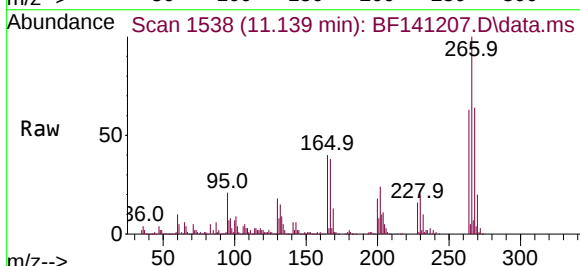
Tgt Ion:266 Resp: 368876

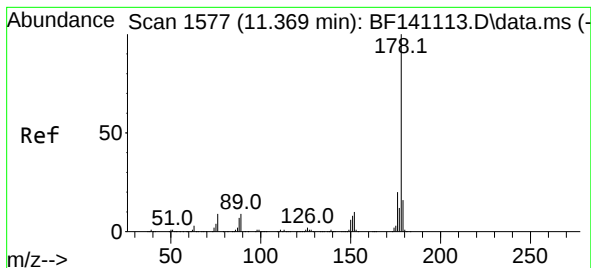
Ion Ratio Lower Upper

266 100

268 64.4 50.4 75.6

264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 50.102 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

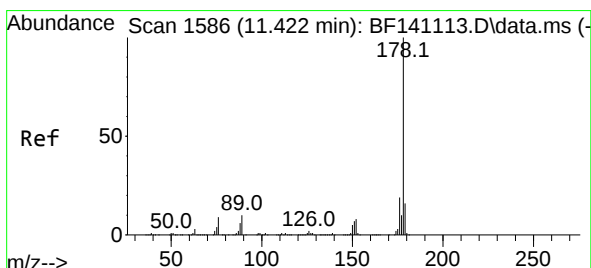
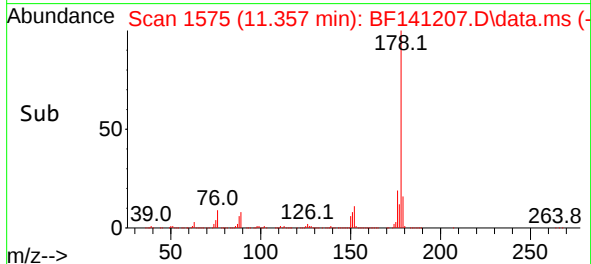
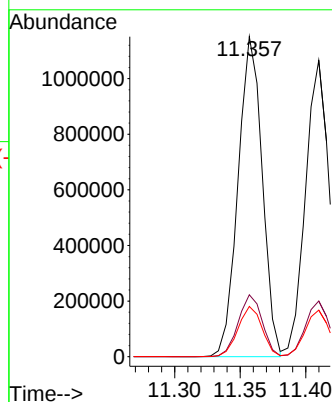
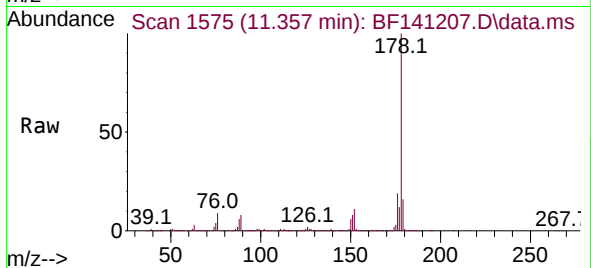
Tgt Ion:178 Resp: 1473983

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.7 12.6 19.0



#72

Anthracene

Concen: 46.975 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

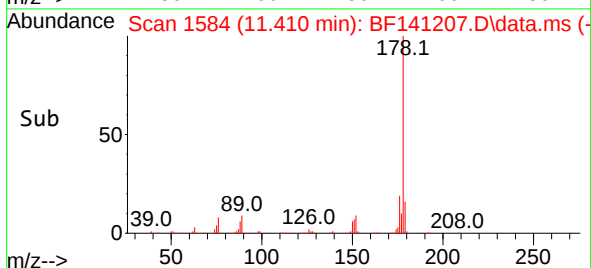
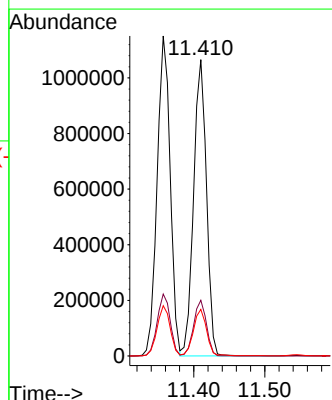
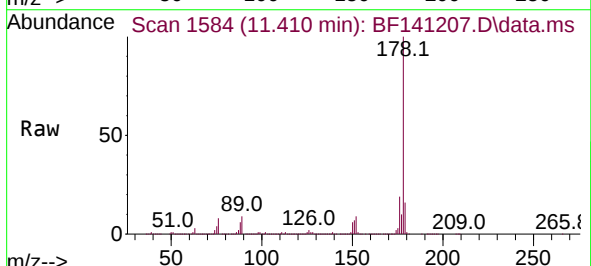
Tgt Ion:178 Resp: 1343768

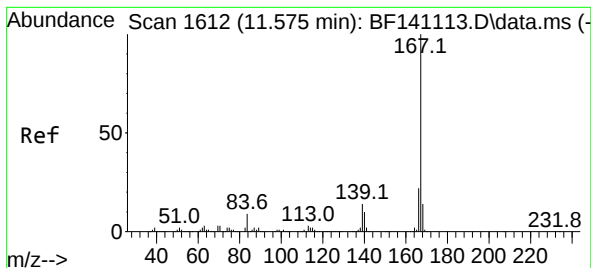
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.7 12.6 19.0





#73

Carbazole

Concen: 42.015 ng

RT: 11.563 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

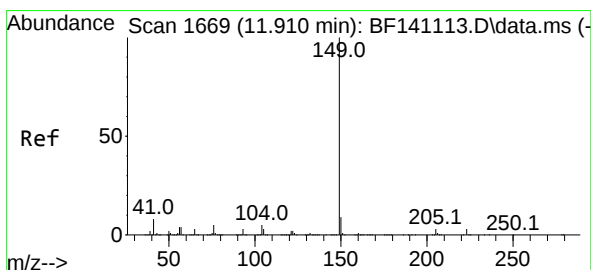
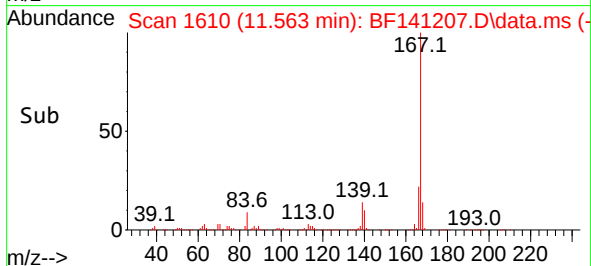
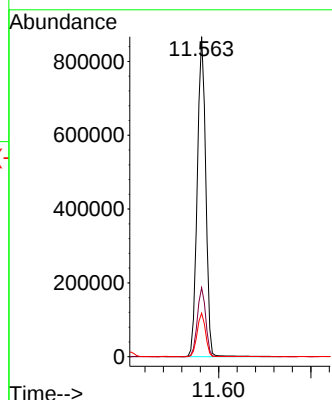
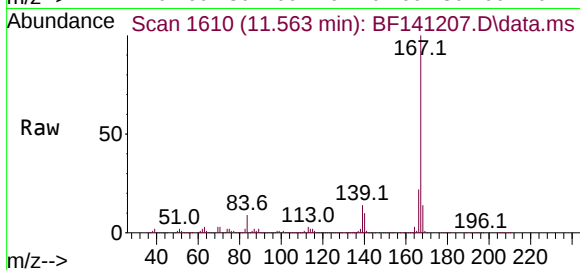
BNA_F

ClientSampleId :

VNJ-214MS

Tgt Ion:167 Resp: 1102042

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.6	10.9	16.3



#74

Di-n-butylphthalate

Concen: 47.455 ng

RT: 11.898 min Scan# 1667

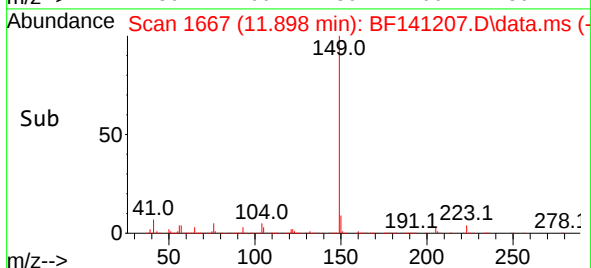
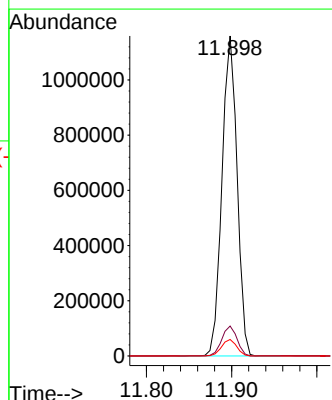
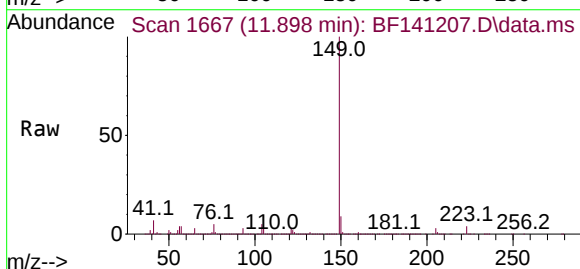
Delta R.T. -0.012 min

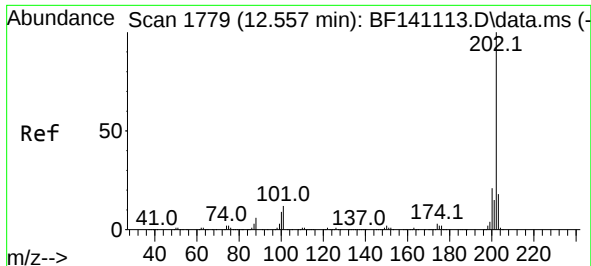
Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Tgt Ion:149 Resp: 1424497

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.2	4.2	6.2

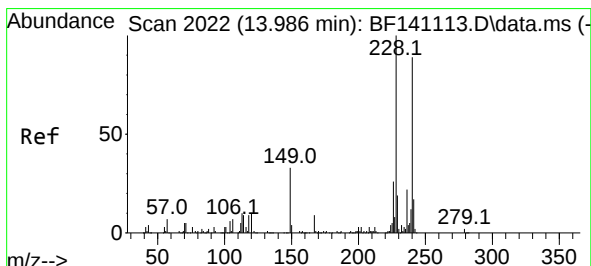
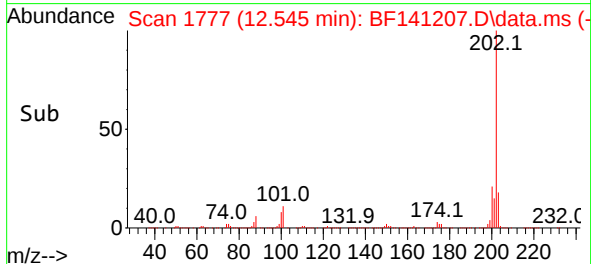
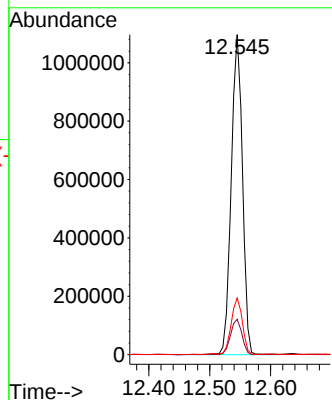
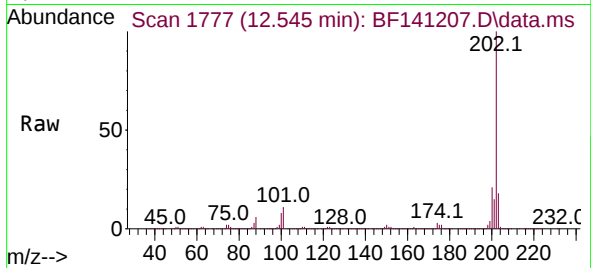




#75
Fluoranthene
Concen: 47.587 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

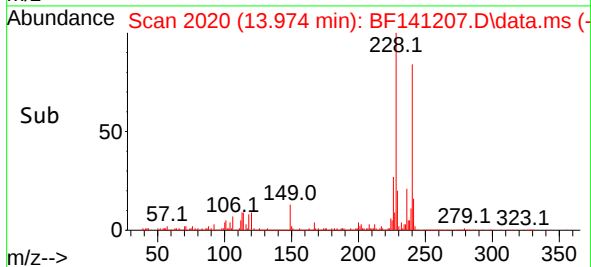
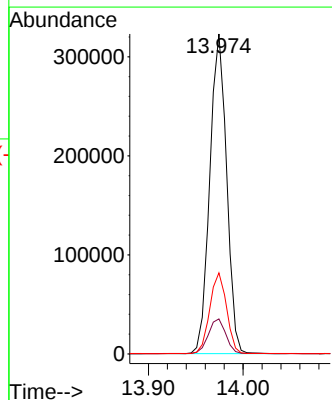
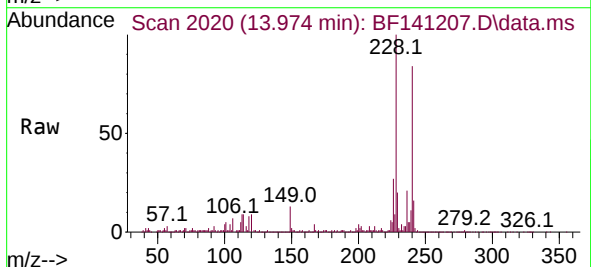
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

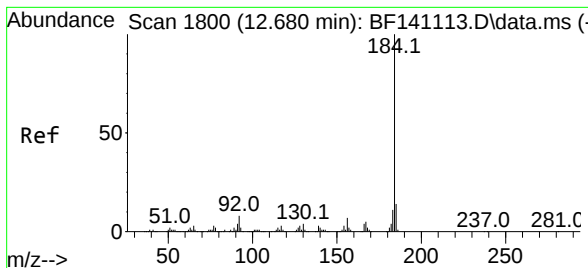
Tgt Ion:202 Resp: 1397047
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.3
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:240 Resp: 397683
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 25.4 19.8 29.6





#77

Benzidine

Concen: 33.585 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

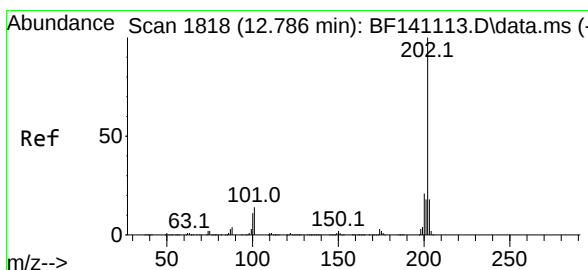
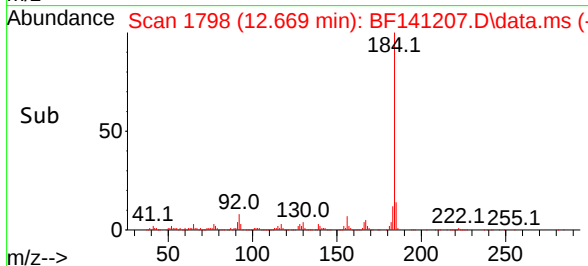
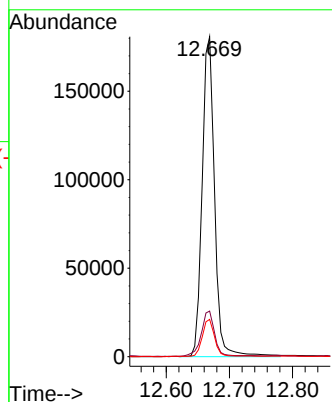
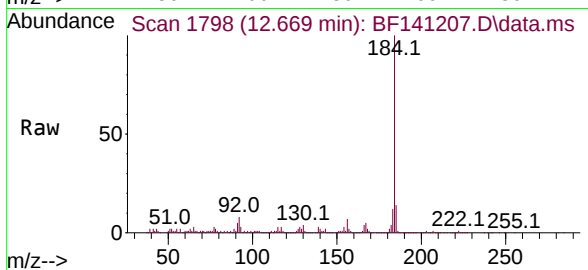
Tgt Ion:184 Resp: 247682

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.7 9.2 13.8



#78

Pyrene

Concen: 36.368 ng

RT: 12.774 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

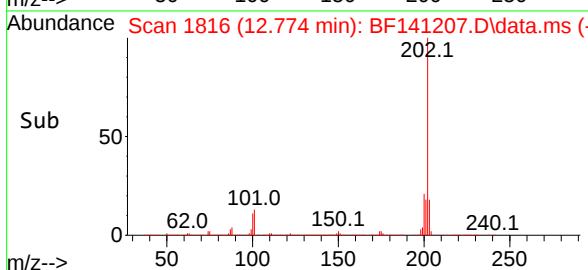
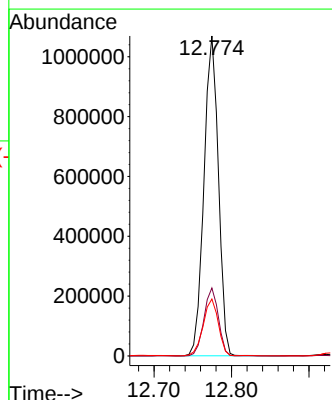
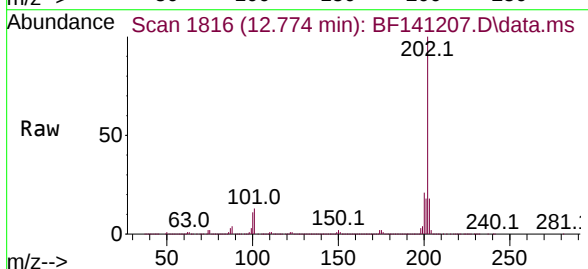
Tgt Ion:202 Resp: 1381400

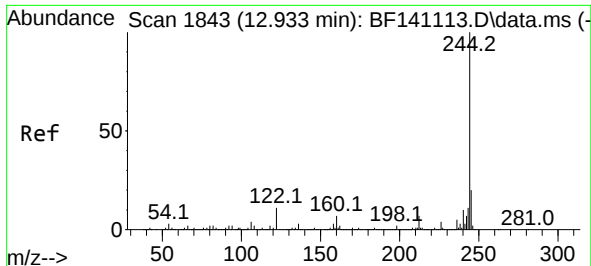
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 17.8 14.3 21.5

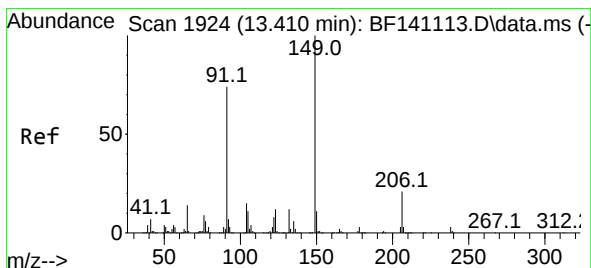
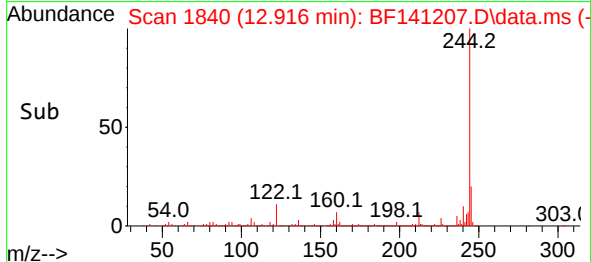
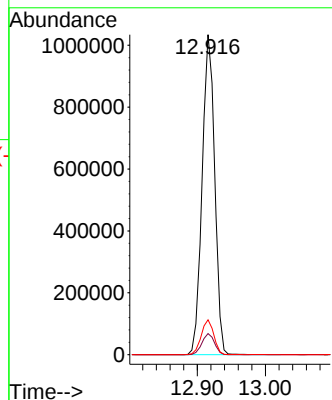
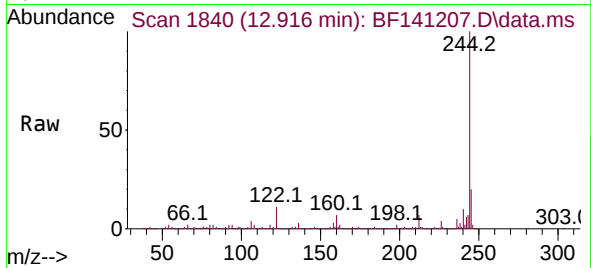




#79
 Terphenyl-d14
 Concen: 49.449 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF141207.D
 Acq: 17 Jan 2025 21:37

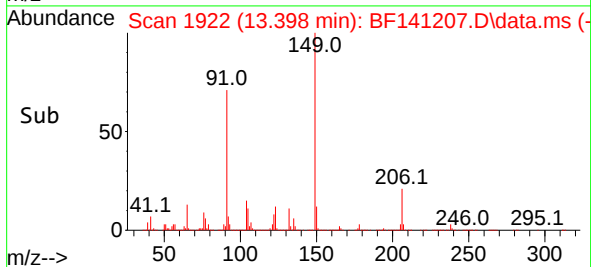
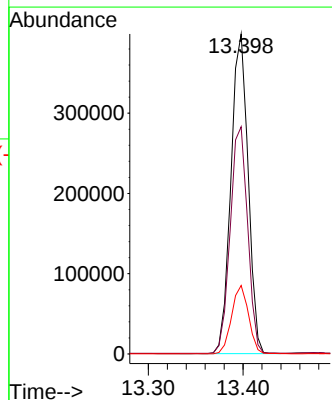
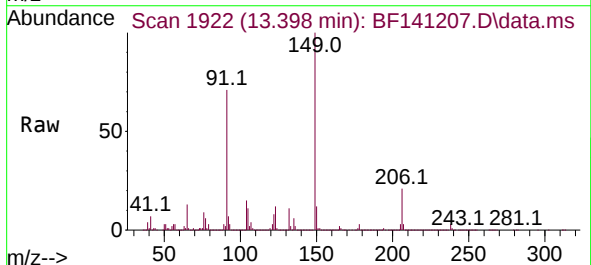
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

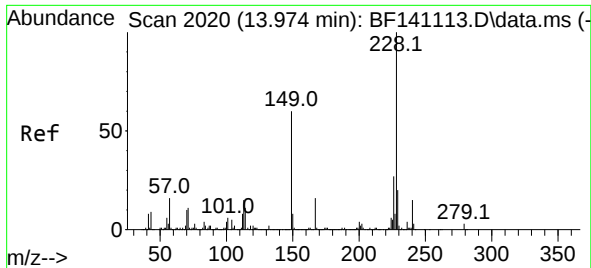
Tgt Ion:244 Resp: 1323089
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 39.538 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141207.D
 Acq: 17 Jan 2025 21:37

Tgt Ion:149 Resp: 500717
 Ion Ratio Lower Upper
 149 100
 91 71.0 59.0 88.6
 206 21.4 16.5 24.7

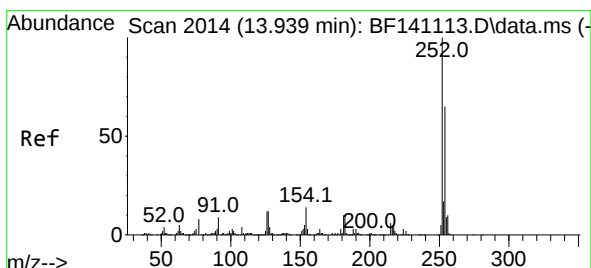
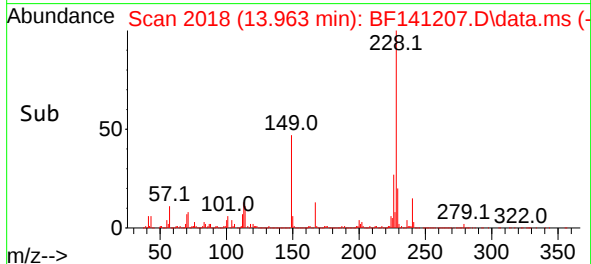
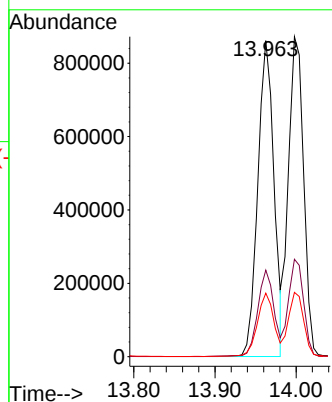
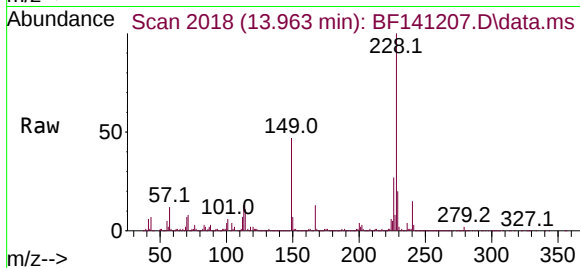




#81
Benzo(a)anthracene
Concen: 44.176 ng
RT: 13.963 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

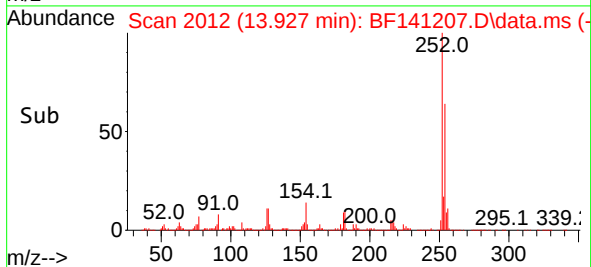
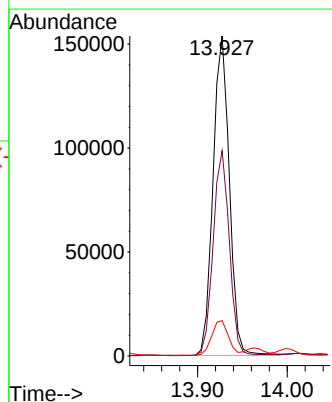
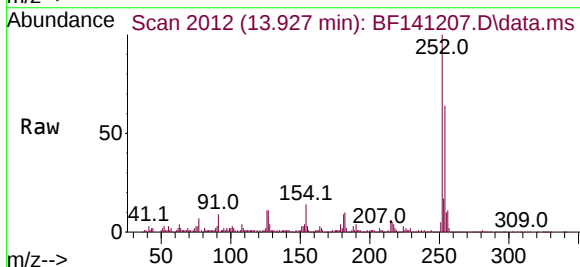
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

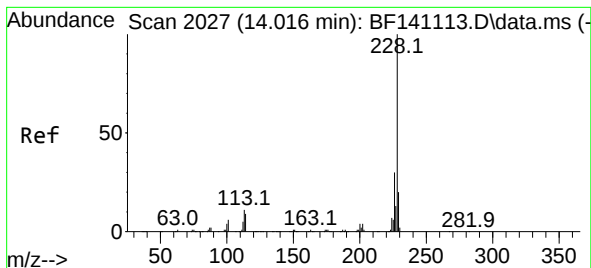
Tgt Ion:228 Resp: 1195619
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 22.546 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:252 Resp: 194302
Ion Ratio Lower Upper
252 100
254 64.2 52.0 78.0
126 11.0 9.4 14.0





#83

Chrysene

Concen: 44.528 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

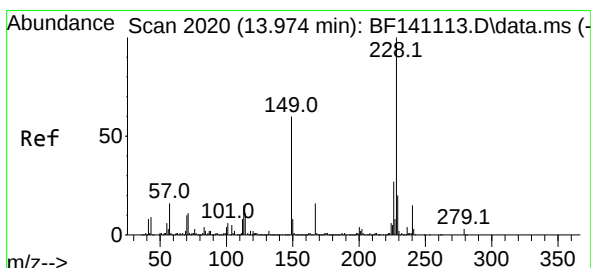
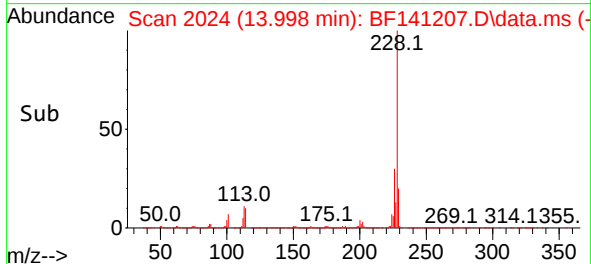
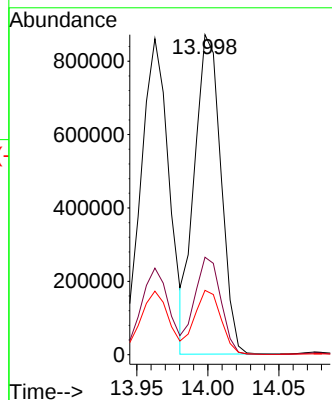
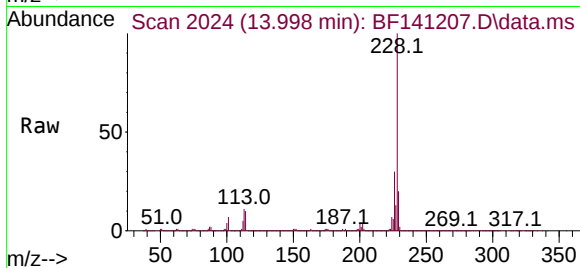
Tgt Ion:228 Resp: 1127623

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.108 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

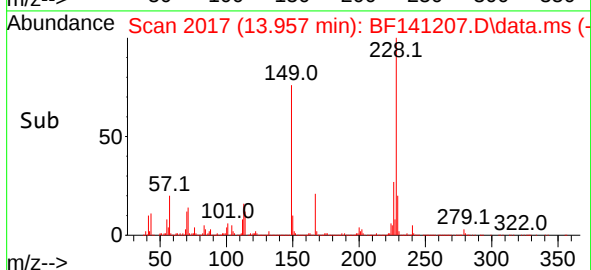
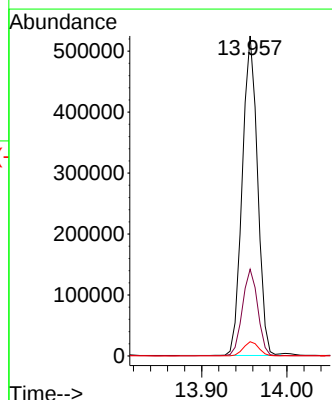
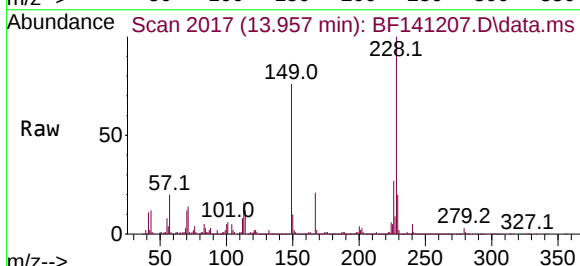
Tgt Ion:149 Resp: 655035

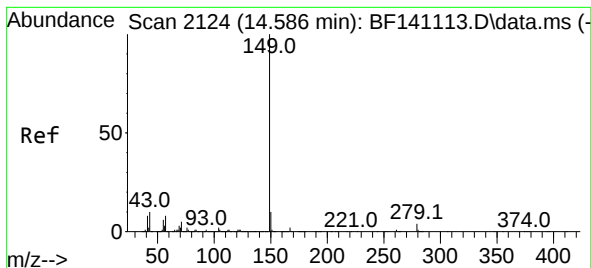
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 51.546 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

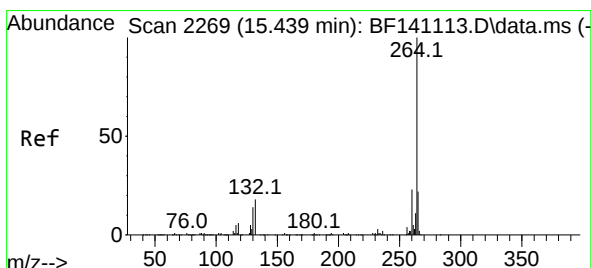
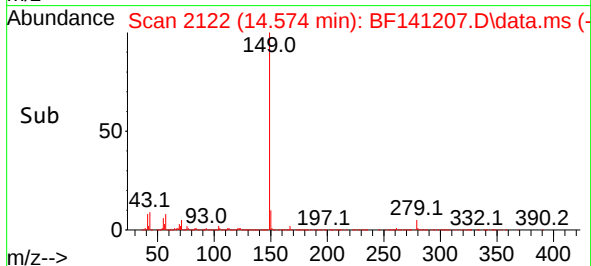
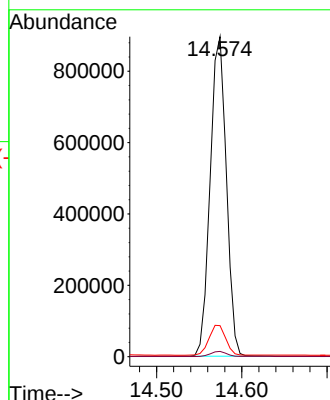
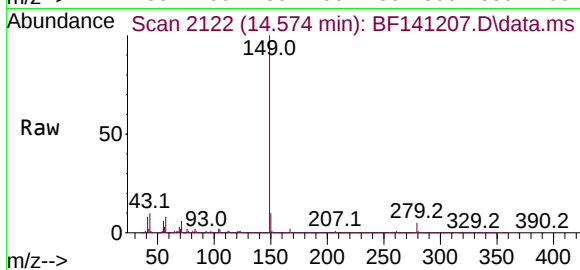
Tgt Ion:149 Resp: 1182749

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.7 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

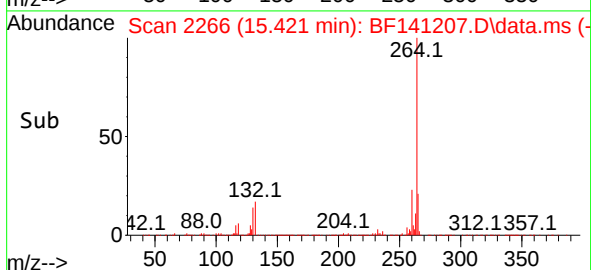
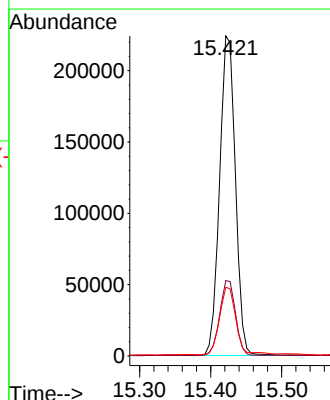
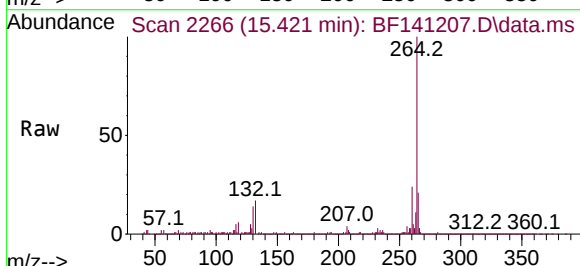
Tgt Ion:264 Resp: 344513

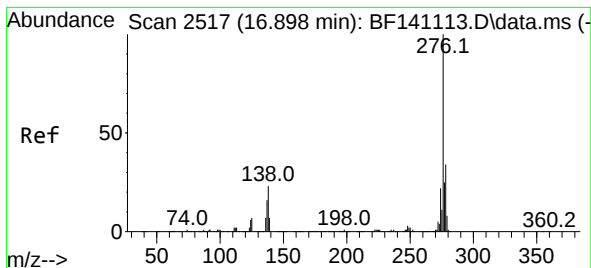
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 31.966 ng

RT: 16.868 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

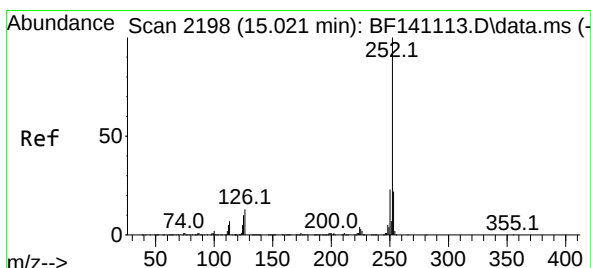
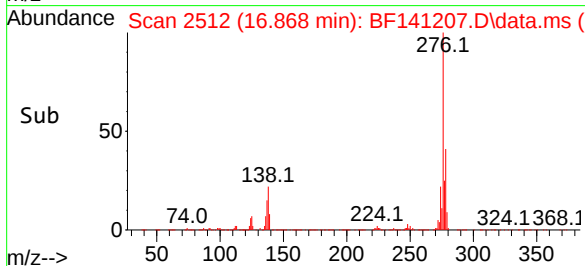
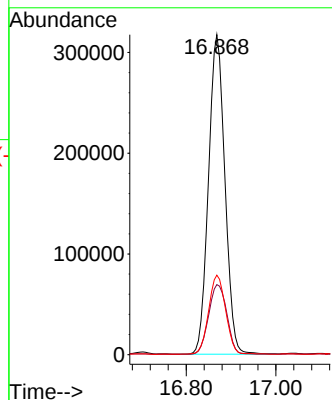
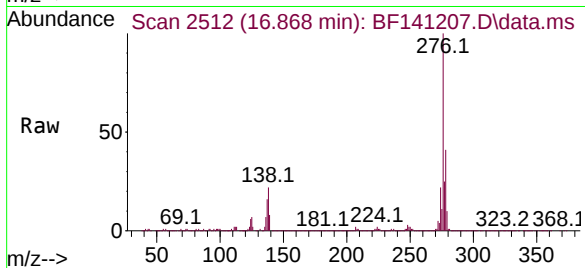
Tgt Ion:276 Resp: 806827

Ion Ratio Lower Upper

276 100

138 24.1 20.7 31.1

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 51.865 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

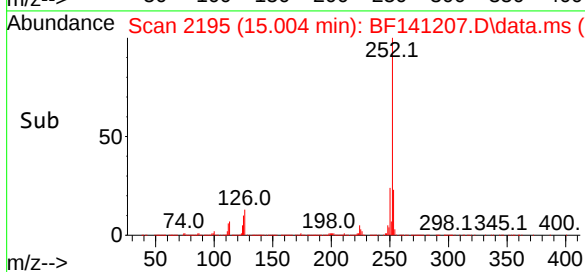
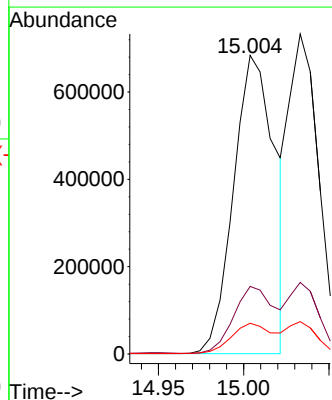
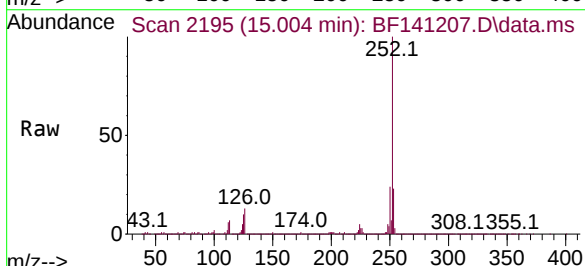
Tgt Ion:252 Resp: 1152204

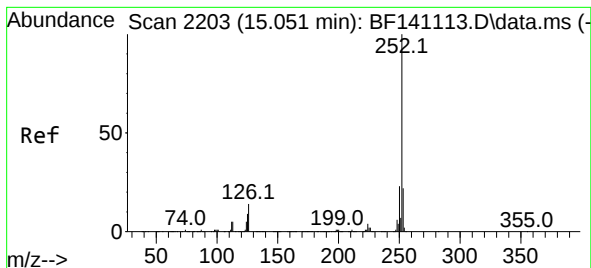
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 10.3 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 47.041 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

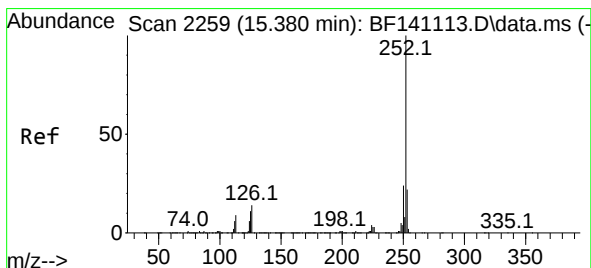
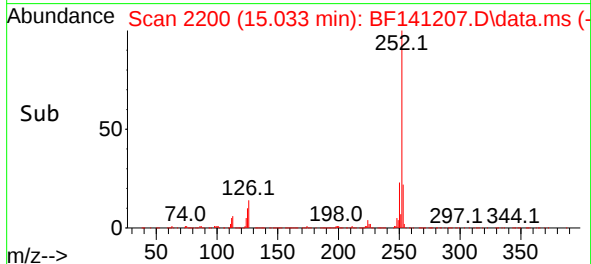
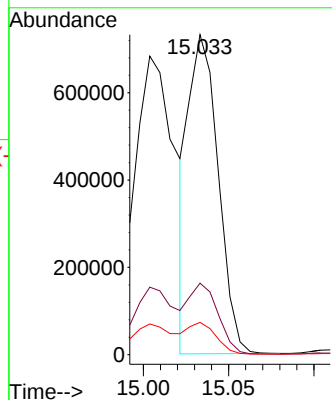
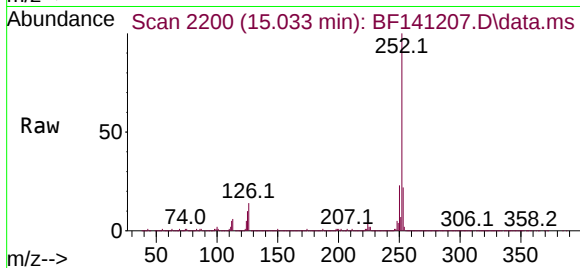
Tgt Ion:252 Resp: 883151

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.1 7.9 11.9



#90

Benzo(a)pyrene

Concen: 49.314 ng

RT: 15.363 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141207.D

Acq: 17 Jan 2025 21:37

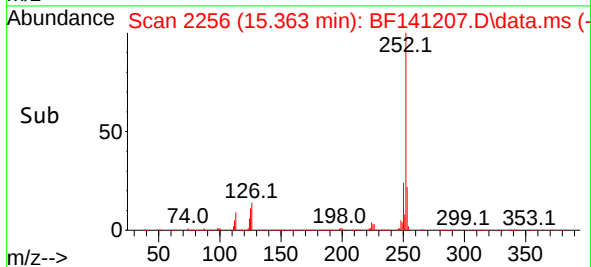
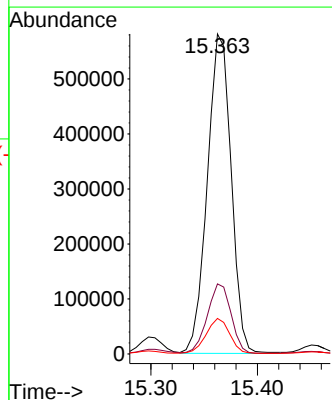
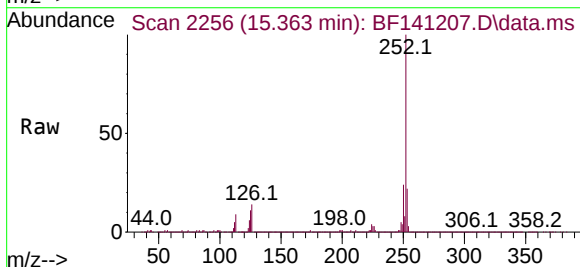
Tgt Ion:252 Resp: 903877

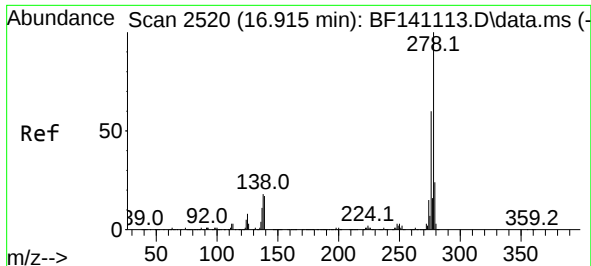
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.1 9.1 13.7

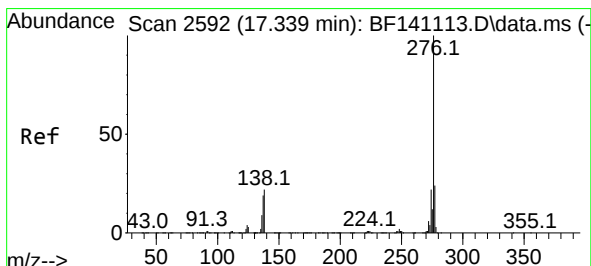
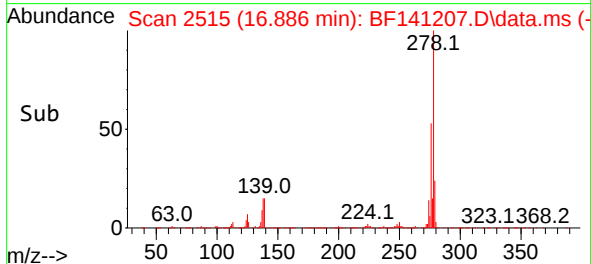
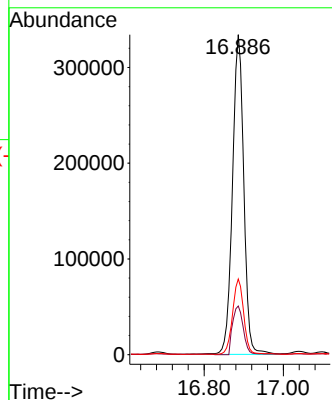
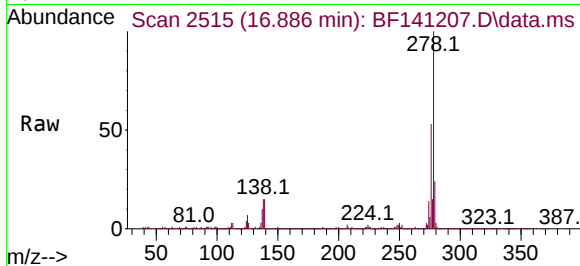




#91
Dibenzo(a,h)anthracene
Concen: 32.378 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tgt Ion:278 Resp: 660968
Ion Ratio Lower Upper
278 100
139 15.2 13.8 20.6
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 27.663 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.035 min
Lab File: BF141207.D
Acq: 17 Jan 2025 21:37

Tgt Ion:276 Resp: 587400
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.4 17.4 26.2

