

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141009.D
 Acq On : 27 Dec 2024 20:51
 Operator : RC/JU
 Sample : P5343-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ210MS

Quant Time: Dec 27 22:21:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	258272	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1016551	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	507710	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	696963	20.000	ng	0.00
76) Chrysene-d12	13.980	240	503840	20.000	ng	0.00
86) Perylene-d12	15.433	264	417772	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1723011	100.562	ng	0.00
7) Phenol-d6	6.445	99	2214388	100.325	ng	0.00
23) Nitrobenzene-d5	7.387	82	1360844	85.646	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	505052	102.373	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2210314	69.362	ng	0.00
79) Terphenyl-d14	12.927	244	1699088	56.013	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	355856	45.875	ng	99
3) Pyridine	3.381	79	908839	47.942	ng	100
4) n-Nitrosodimethylamine	3.334	42	477406	49.703	ng	100
6) Aniline	6.487	93	551985	28.041	ng	99
8) 2-Chlorophenol	6.604	128	928456	51.397	ng	100
9) Benzaldehyde	6.369	77	196486	12.525	ng	98
10) Phenol	6.463	94	1176704	51.558	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	878541	47.674	ng	98
12) 1,3-Dichlorobenzene	6.769	146	945872	47.445	ng	98
13) 1,4-Dichlorobenzene	6.845	146	952832	47.411	ng	99
14) 1,2-Dichlorobenzene	6.992	146	920083	49.102	ng	99
15) Benzyl Alcohol	6.963	79	805195	50.765	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1386307	49.744	ng	99
17) 2-Methylphenol	7.075	107	741736	49.425	ng	99
18) Hexachloroethane	7.340	117	350786	49.135	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	653723	48.345	ng	100
20) 3+4-Methylphenols	7.228	107	924297	48.669	ng	# 89
22) Acetophenone	7.234	105	1205439	48.338	ng	96
24) Nitrobenzene	7.404	77	965143	54.361	ng	98
25) Isophorone	7.645	82	1727458	49.962	ng	99
26) 2-Nitrophenol	7.722	139	451473	60.498	ng	99
27) 2,4-Dimethylphenol	7.757	122	756111	59.837	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	1074329	49.042	ng	100
29) 2,4-Dichlorophenol	7.963	162	724603	50.560	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	753804	46.471	ng	99
31) Naphthalene	8.128	128	2547080	47.550	ng	100
32) Benzoic acid	7.869	122	559635	52.884	ng	99
33) 4-Chloroaniline	8.175	127	173355	8.946	ng	98
34) Hexachlorobutadiene	8.245	225	454026	47.479	ng	99
35) Caprolactam	8.545	113	228377	46.875	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	774855	48.684	ng	99
37) 2-Methylnaphthalene	8.816	142	1646034	48.034	ng	100
38) 1-Methylnaphthalene	8.916	142	1537432	45.651	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	725579	51.947	ng	100
41) Hexachlorocyclopentadiene	8.975	237	536028	115.804	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	498991	53.677	ng	99

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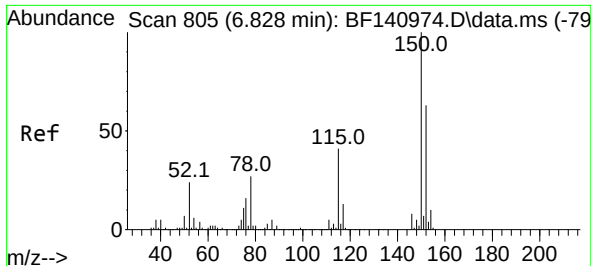
Quant Time: Dec 27 22:21:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	497681	52.322	ng	97
46) 1,1'-Biphenyl	9.281	154	1978057	50.882	ng	99
47) 2-Chloronaphthalene	9.304	162	1480143	49.092	ng	100
48) 2-Nitroaniline	9.398	65	466123	58.023	ng	96
49) Acenaphthylene	9.722	152	2270129	52.304	ng	100
50) Dimethylphthalate	9.586	163	1734093	51.926	ng	100
51) 2,6-Dinitrotoluene	9.639	165	377983	54.929	ng	99
52) Acenaphthene	9.892	154	1555552	53.014	ng	100
53) 3-Nitroaniline	9.804	138	223648	31.407	ng	# 96
54) 2,4-Dinitrophenol	9.910	184	257182	89.807	ng	# 1
55) Dibenzofuran	10.069	168	1999401	48.486	ng	99
56) 4-Nitrophenol	9.963	139	557215	97.542	ng	95
57) 2,4-Dinitrotoluene	10.045	165	469646	55.570	ng	96
58) Fluorene	10.410	166	1476611	46.178	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	401916	51.020	ng	98
60) Diethylphthalate	10.286	149	1626265	49.327	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	730444	47.473	ng	96
62) 4-Nitroaniline	10.422	138	320813	43.681	ng	93
63) Azobenzene	10.563	77	1843154	53.262	ng	92
65) 4,6-Dinitro-2-methylph...	10.445	198	187191	63.594	ng	98
66) n-Nitrosodiphenylamine	10.516	169	1337629	60.947	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	448602	59.541	ng	97
68) Hexachlorobenzene	10.951	284	453218	54.554	ng	97
69) Atrazine	11.045	200	421923	68.814	ng	99
70) Pentachlorophenol	11.145	266	533433	103.129	ng	99
71) Phenanthrene	11.369	178	2166367	59.058	ng	100
72) Anthracene	11.422	178	2005310	55.790	ng	99
73) Carbazole	11.575	167	1703042	49.287	ng	99
74) Di-n-butylphthalate	11.910	149	2107416	53.623	ng	100
75) Fluoranthene	12.557	202	2234642	56.170	ng	99
77) Benzidine	12.674	184	406148	38.143	ng	99
78) Pyrene	12.786	202	2336681	53.028	ng	100
80) Butylbenzylphthalate	13.410	149	813623	50.566	ng	99
81) Benzo(a)anthracene	13.974	228	1959825	55.812	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	265588	25.174	ng	100
83) Chrysene	14.010	228	1776748	56.129	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	1052611	50.433	ng	100
85) Di-n-octyl phthalate	14.586	149	1858467	61.522	ng	100
87) Indeno(1,2,3-cd)pyrene	16.880	276	1325431	50.357	ng	98
88) Benzo(b)fluoranthene	15.015	252	1729059	59.342	ng	99
89) Benzo(k)fluoranthene	15.039	252	1403670	61.466	ng	100
90) Benzo(a)pyrene	15.374	252	1398277	61.828	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	1030067	48.279	ng	100
92) Benzo(g,h,i)perylene	17.315	276	996351	45.025	ng	100

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

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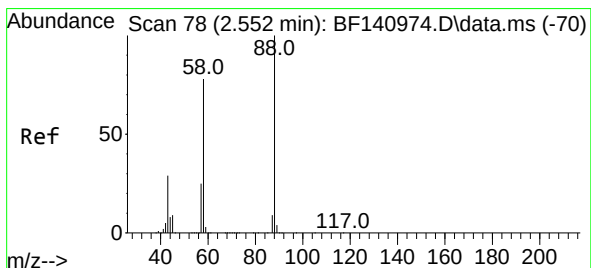
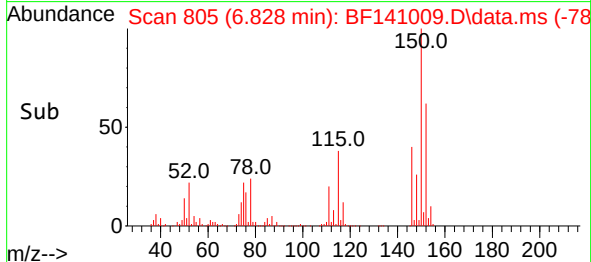
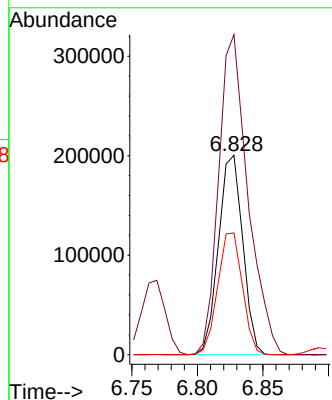
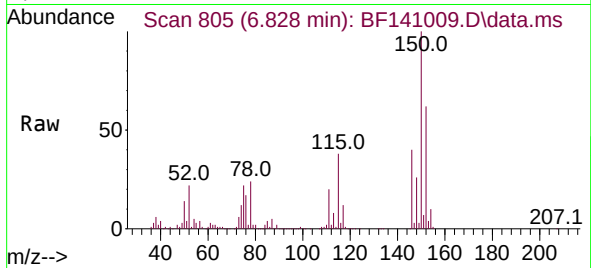




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141009.D
 Acq: 27 Dec 2024 20:51

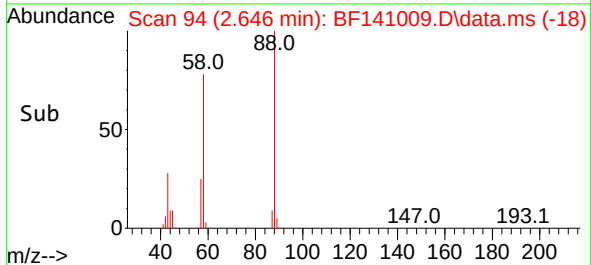
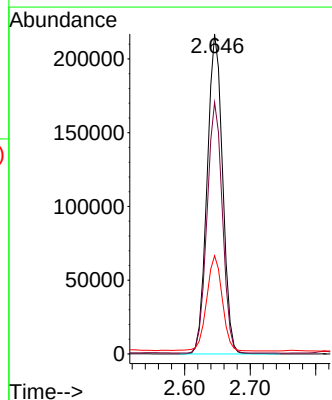
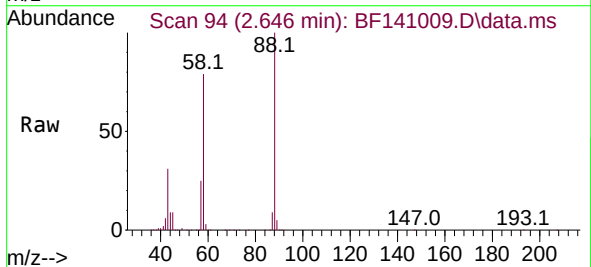
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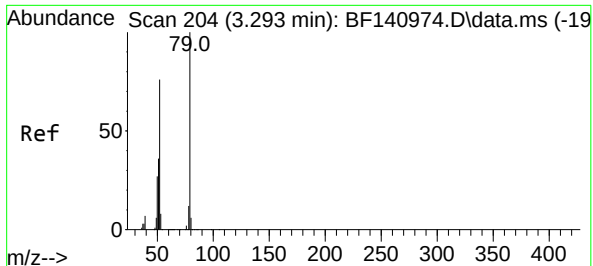
Tgt Ion:152 Resp: 258272
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.0 190.6
 115 61.1 51.7 77.5



#2
 1,4-Dioxane
 Concen: 45.875 ng
 RT: 2.646 min Scan# 94
 Delta R.T. 0.094 min
 Lab File: BF141009.D
 Acq: 27 Dec 2024 20:51

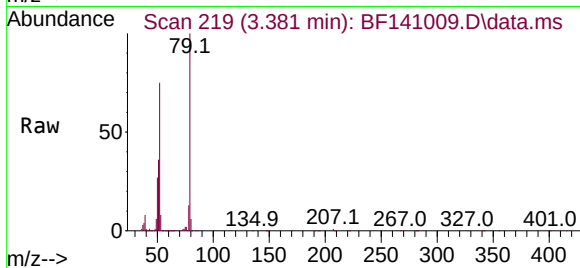
Tgt Ion: 88 Resp: 355856
 Ion Ratio Lower Upper
 88 100
 58 77.9 63.0 94.4
 43 30.0 23.4 35.2



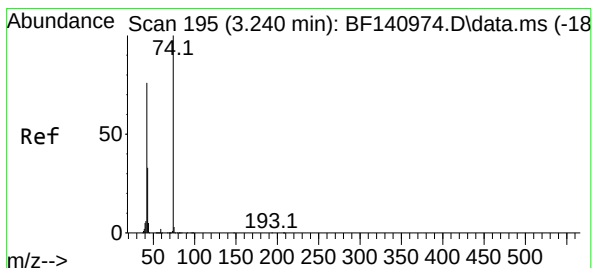
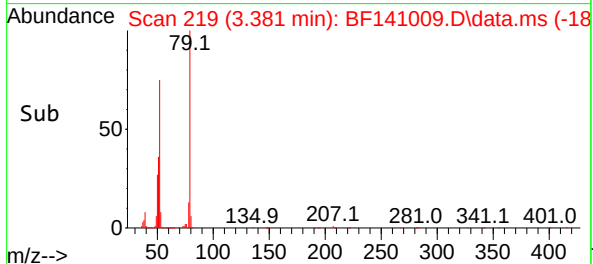
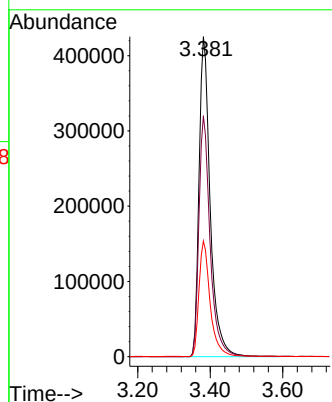


#3
Pyridine
Concen: 47.942 ng
RT: 3.381 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

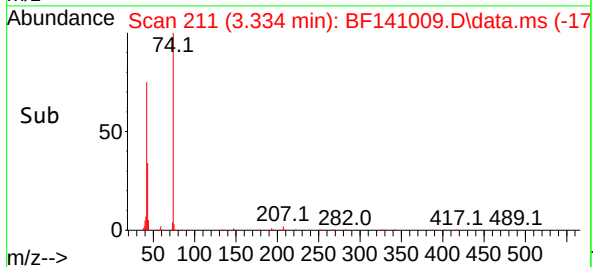
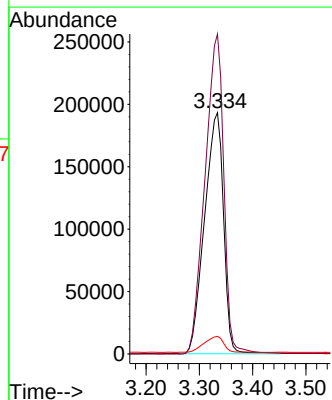
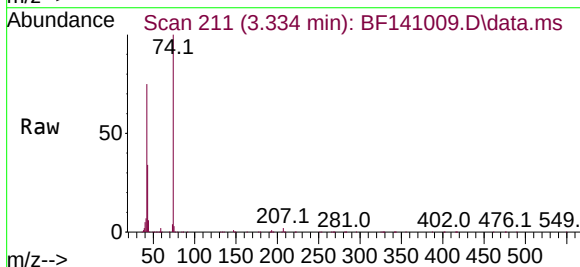


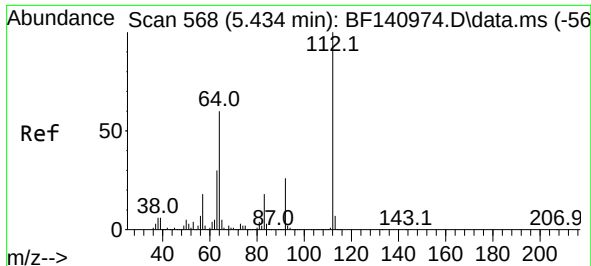
Tgt Ion: 79 Resp: 908839
Ion Ratio Lower Upper
79 100
52 75.3 60.4 90.6
51 36.1 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 49.703 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion: 42 Resp: 477406
Ion Ratio Lower Upper
42 100
74 132.6 105.8 158.6
44 7.3 6.6 10.0

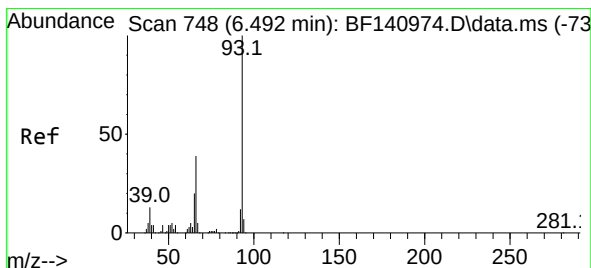
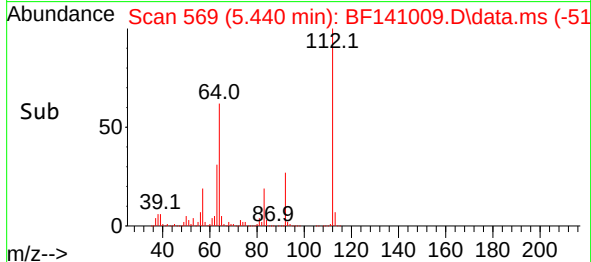
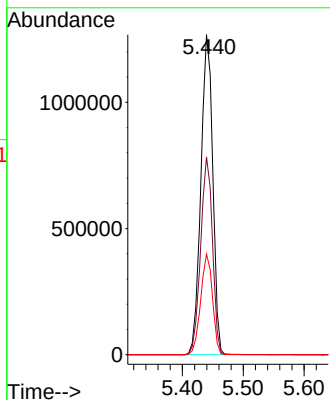
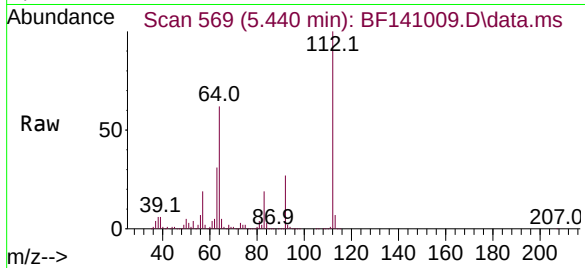




#5
2-Fluorophenol
Concen: 100.562 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

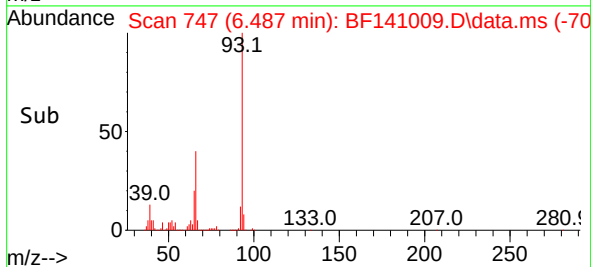
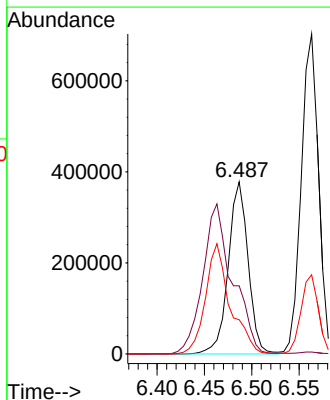
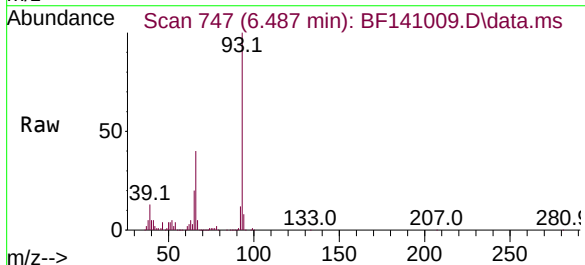
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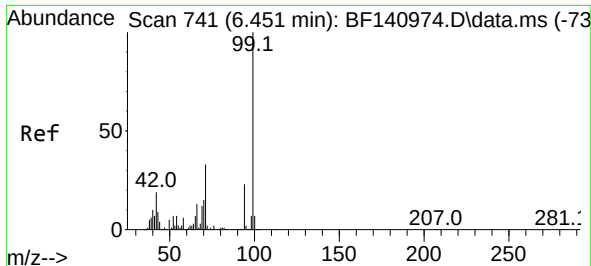
Tgt Ion:112 Resp: 1723011
Ion Ratio Lower Upper
112 100
64 61.8 47.7 71.5
63 31.4 24.2 36.2



#6
Aniline
Concen: 28.041 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion: 93 Resp: 551985
Ion Ratio Lower Upper
93 100
66 39.6 31.8 47.8
65 19.9 15.4 23.0



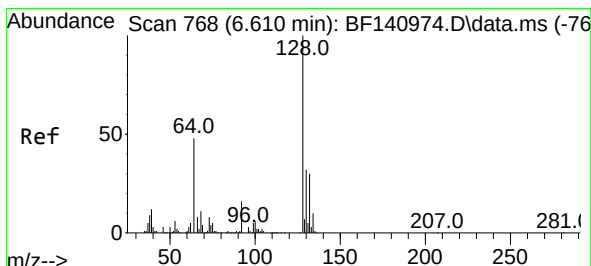
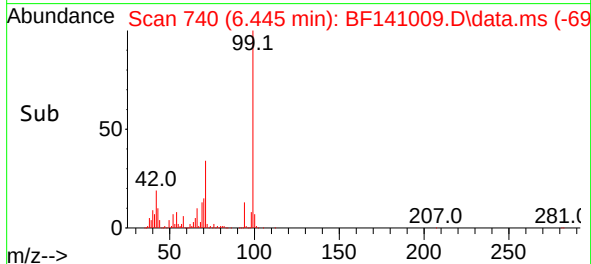
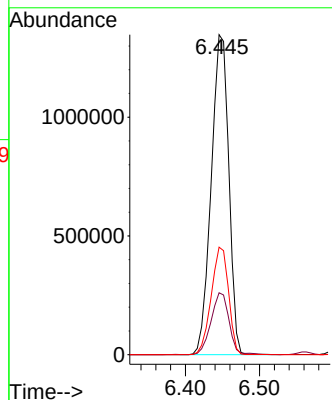
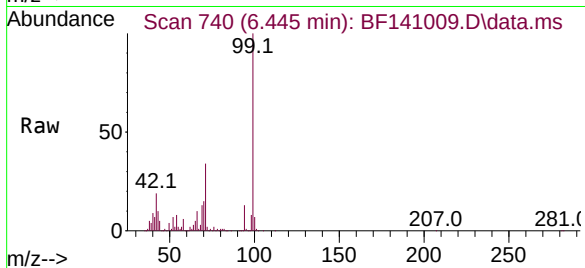


#7
Phenol-d6
Concen: 100.325 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

Tgt Ion: 99 Resp: 2214388

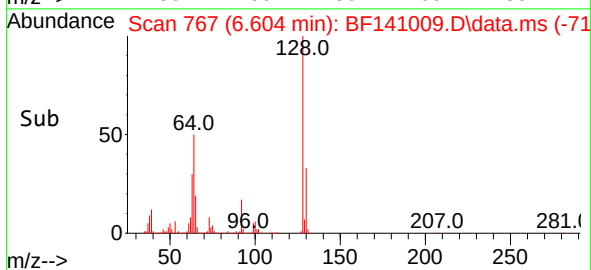
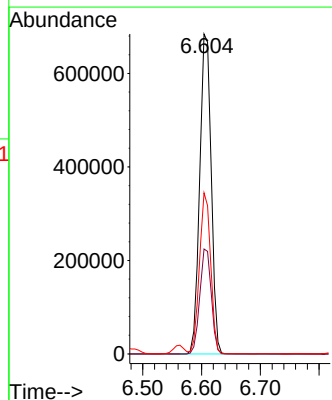
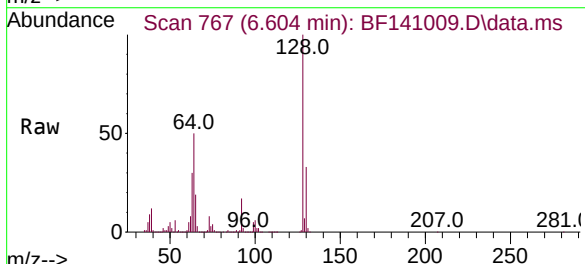
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.0	22.4
71	33.6	26.2	39.2

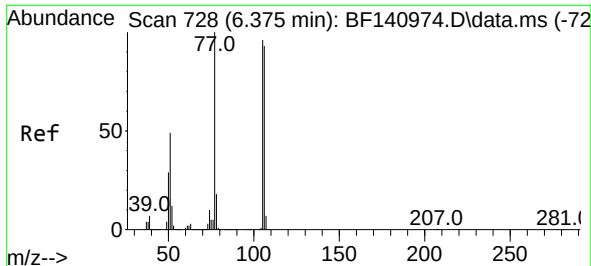


#8
2-Chlorophenol
Concen: 51.397 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion: 128 Resp: 928456

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.2	52.2
64	50.3	30.3	70.3

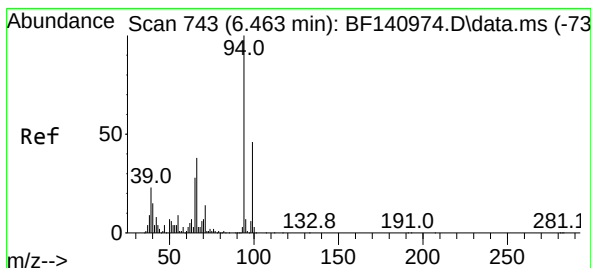
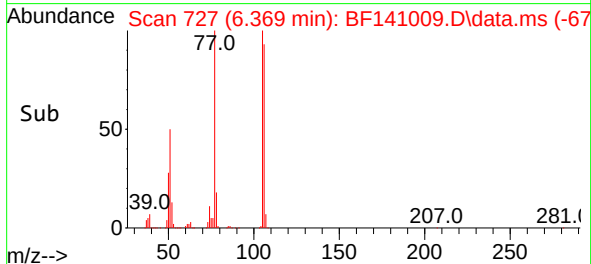
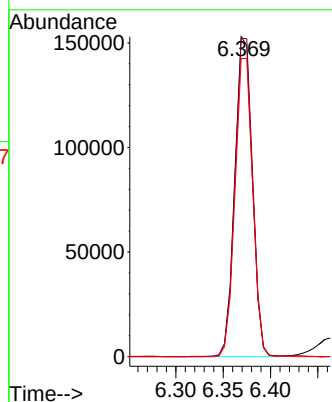
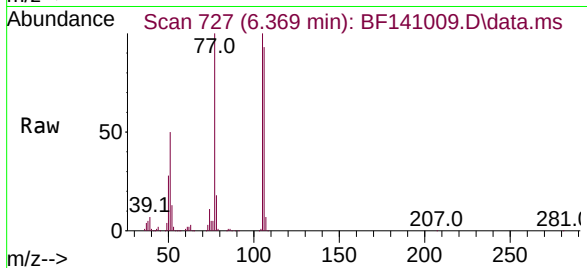




#9
Benzaldehyde
Concen: 12.525 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

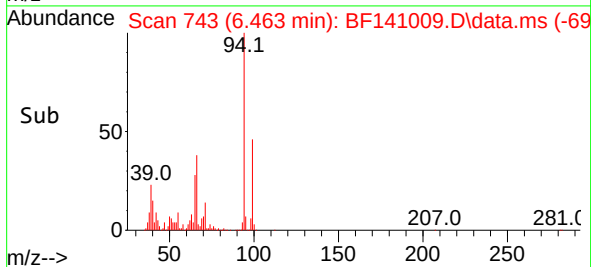
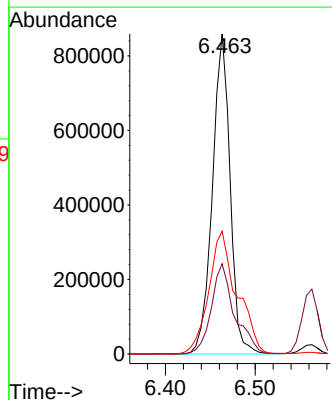
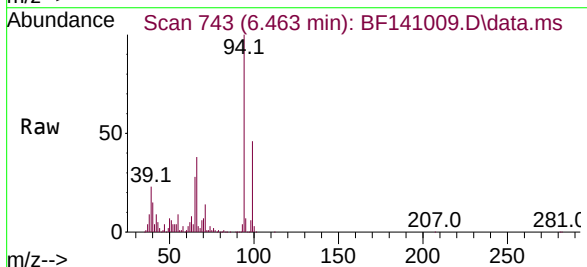
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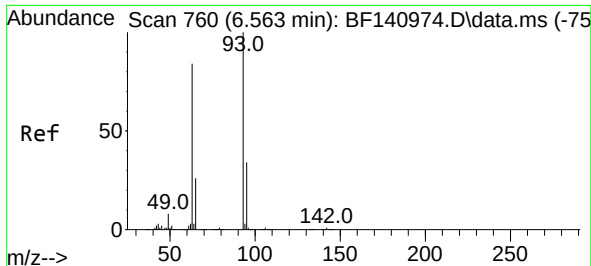
Tgt Ion: 77 Resp: 196486
Ion Ratio Lower Upper
77 100
105 99.5 76.2 116.2
106 93.1 73.4 113.4



#10
Phenol
Concen: 51.558 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion: 94 Resp: 1176704
Ion Ratio Lower Upper
94 100
65 28.2 8.1 48.1
66 38.4 18.7 58.7

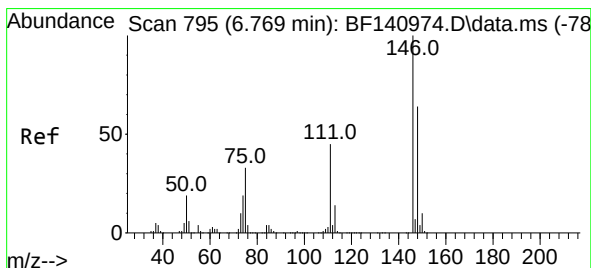
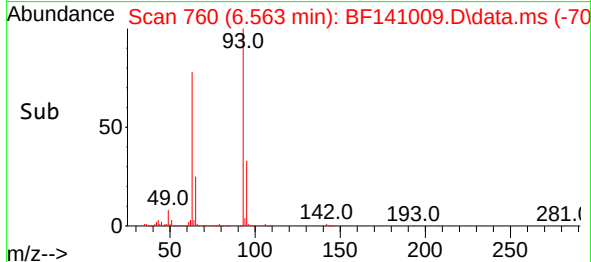
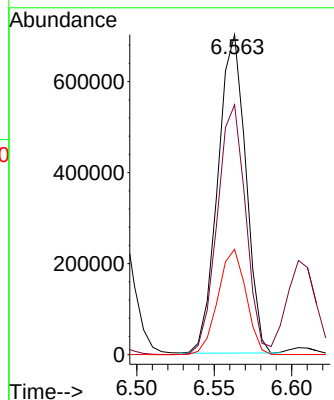
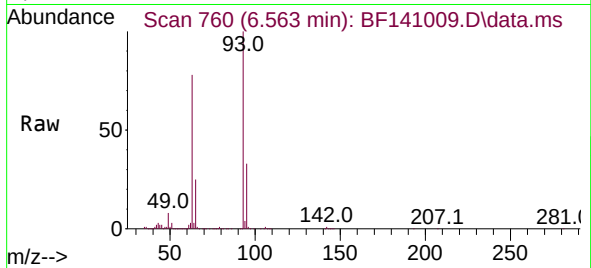




#11
bis(2-Chloroethyl)ether
Concen: 47.674 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

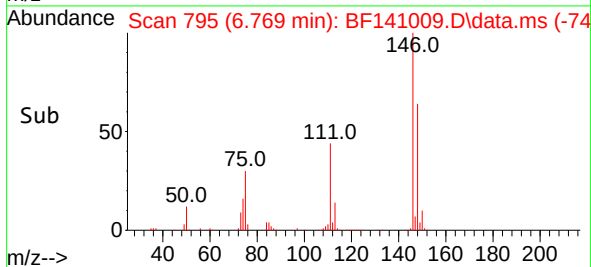
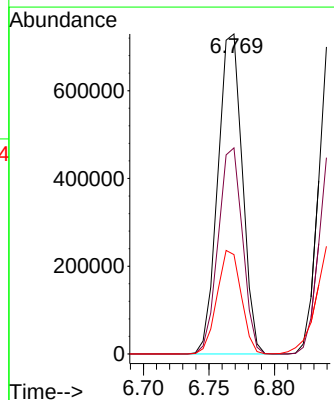
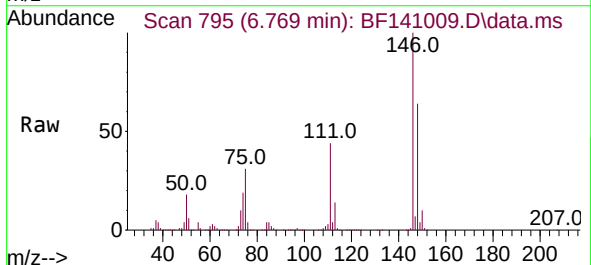
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

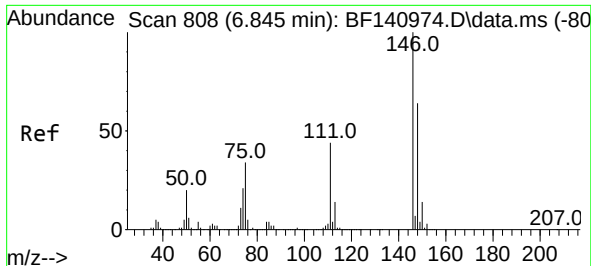
Tgt Ion: 93 Resp: 878541
Ion Ratio Lower Upper
93 100
63 78.1 60.3 100.3
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.445 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:146 Resp: 945872
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 31.1 26.1 39.1

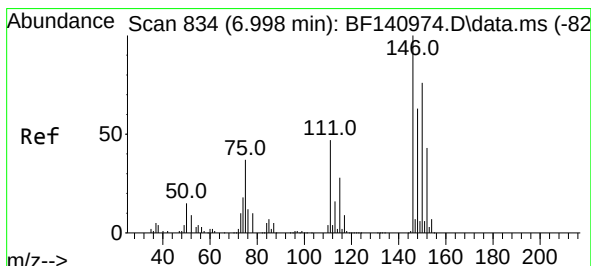
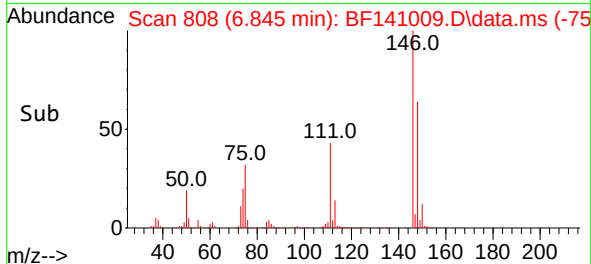
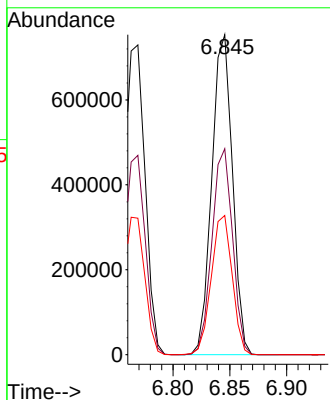
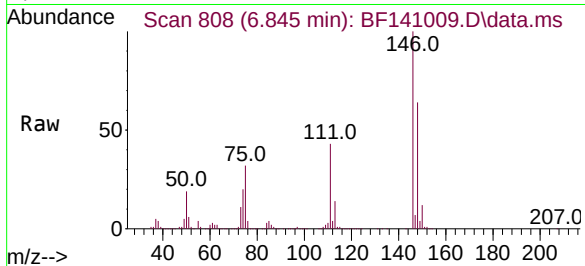




#13
1,4-Dichlorobenzene
Concen: 47.411 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

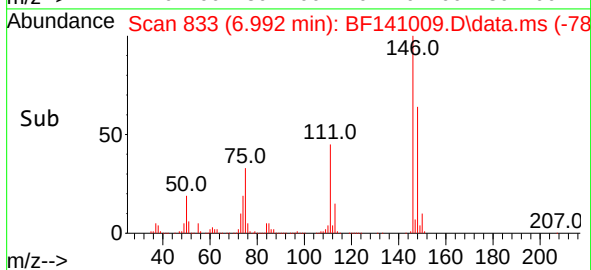
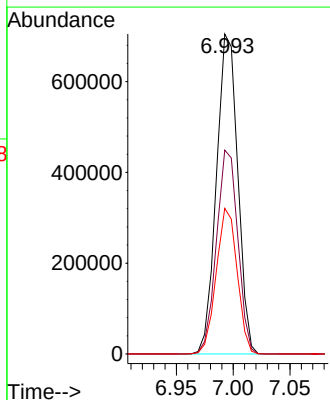
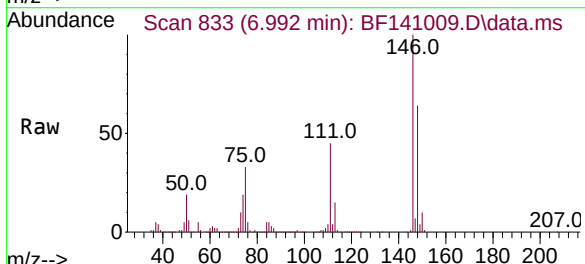
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

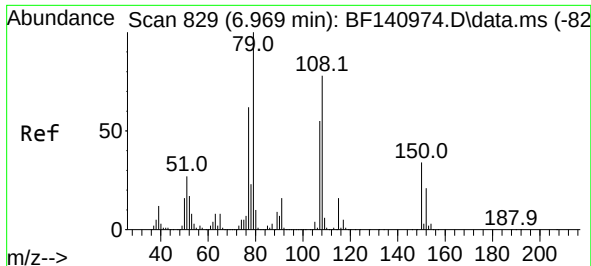
Tgt Ion:146 Resp: 952832
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
111 43.5 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 49.102 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:146 Resp: 920083
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 45.5 37.3 55.9

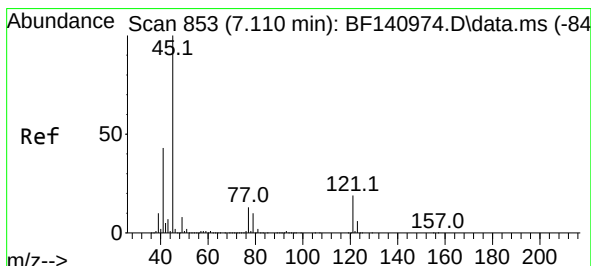
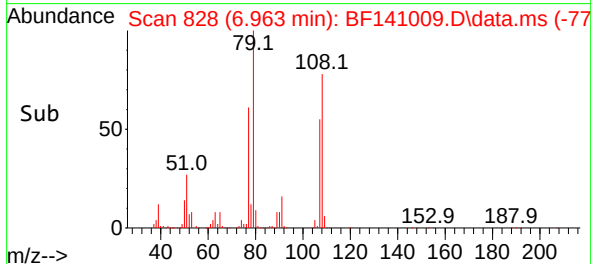
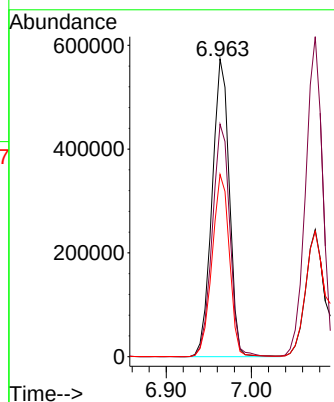
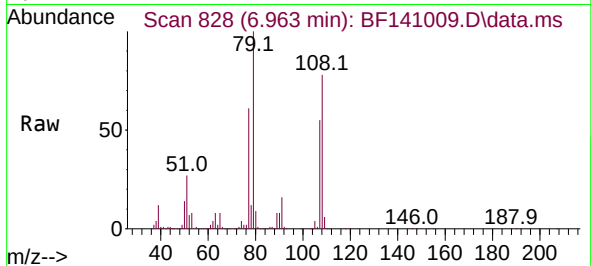




#15
Benzyl Alcohol
Concen: 50.765 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

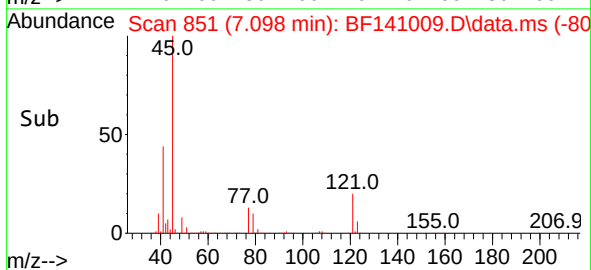
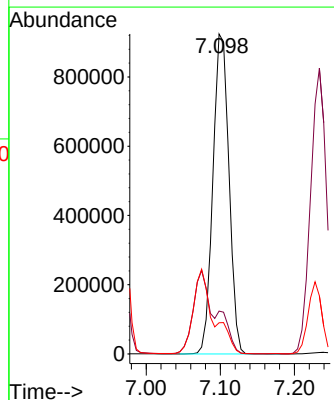
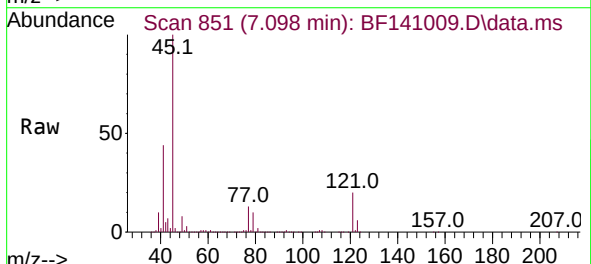
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

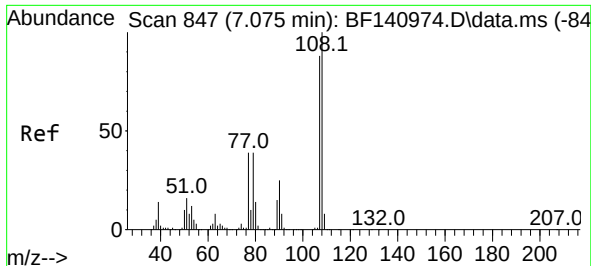
Tgt Ion: 79 Resp: 805195
Ion Ratio Lower Upper
79 100
108 78.1 62.5 93.7
77 61.2 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.744 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion: 45 Resp: 1386307
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.1
79 9.8 0.0 30.1





#17

2-Methylphenol

Concen: 49.425 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

Tgt Ion:107 Resp: 741736

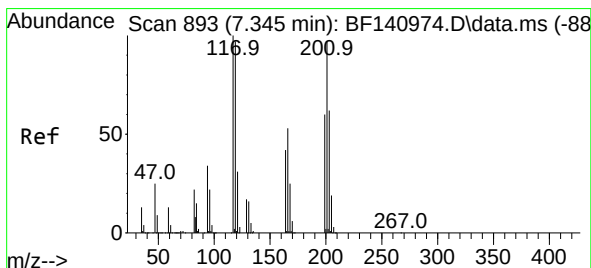
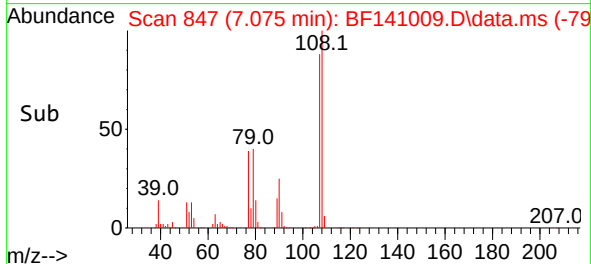
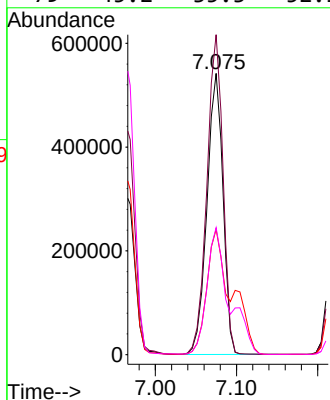
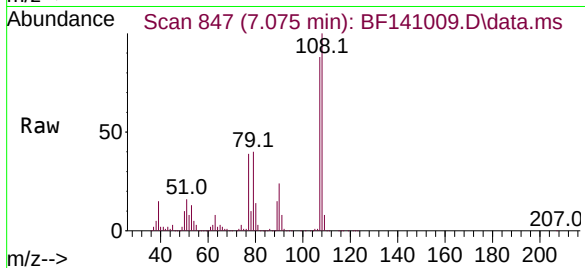
Ion Ratio Lower Upper

107 100

108 113.8 90.6 136.0

77 44.5 35.3 52.9

79 45.2 35.3 52.9



#18

Hexachloroethane

Concen: 49.135 ng

RT: 7.340 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

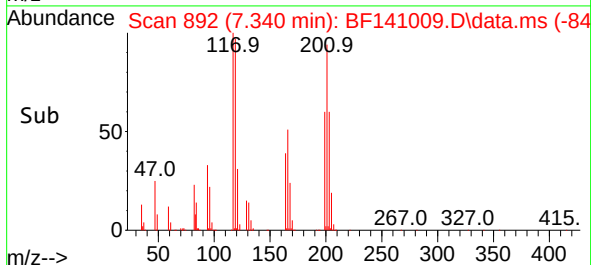
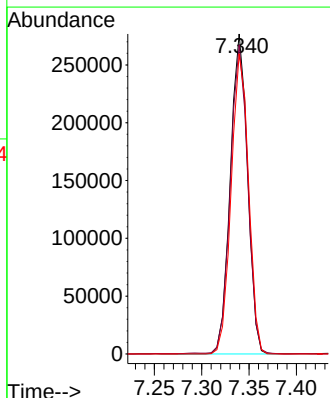
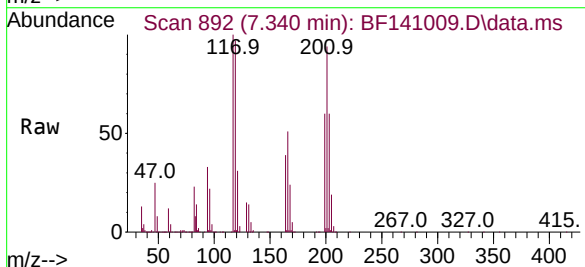
Tgt Ion:117 Resp: 350786

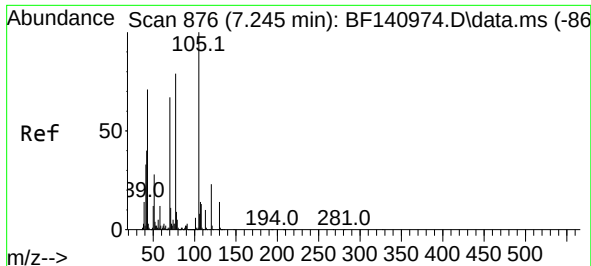
Ion Ratio Lower Upper

117 100

119 96.6 77.5 116.3

201 93.8 77.4 116.2





#19

n-Nitroso-di-n-propylamine

Concen: 48.345 ng

RT: 7.240 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

Tgt Ion: 70 Resp: 653723

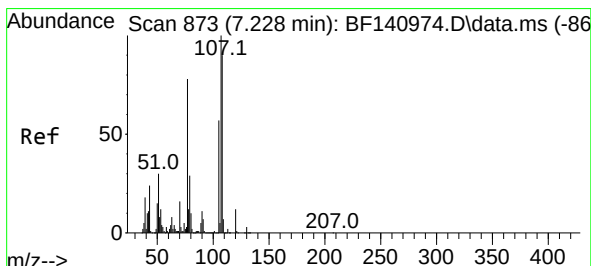
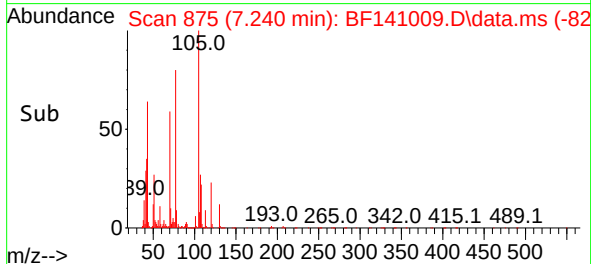
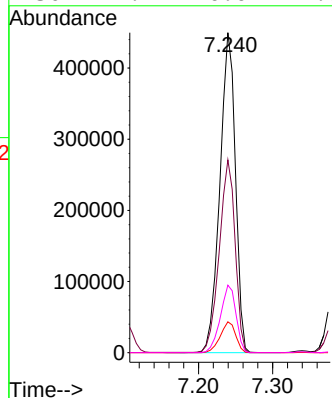
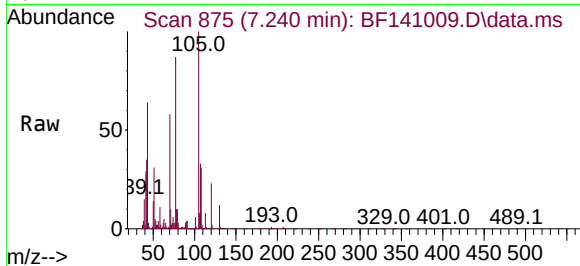
Ion Ratio Lower Upper

70 100

42 60.3 48.1 72.1

101 9.7 7.6 11.4

130 21.1 16.6 24.8



#20

3+4-Methylphenols

Concen: 48.669 ng

RT: 7.228 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Tgt Ion: 107 Resp: 924297

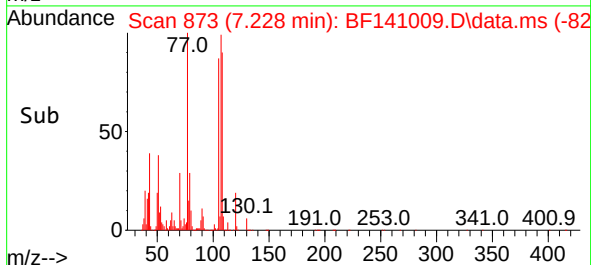
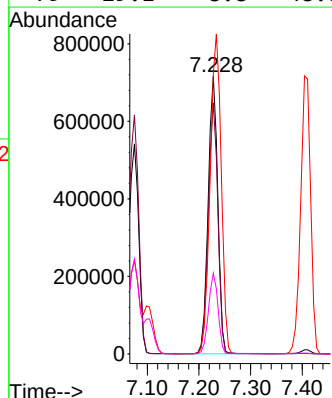
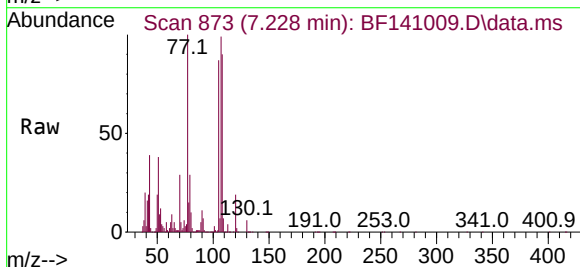
Ion Ratio Lower Upper

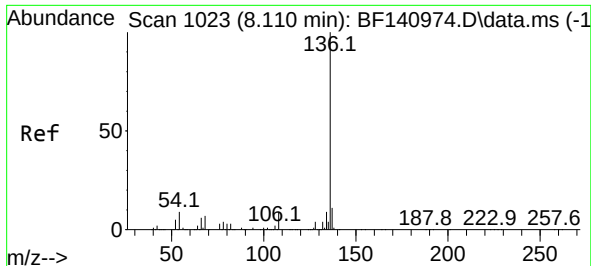
107 100

108 90.5 69.6 109.6

77 100.9 57.6 97.6#

79 29.1 8.8 48.8



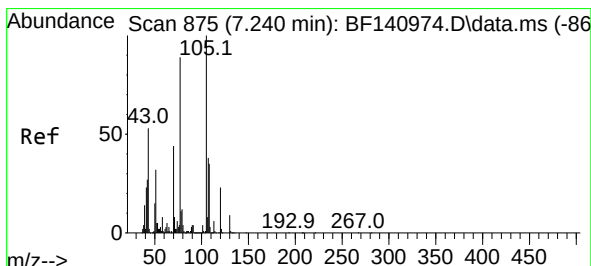
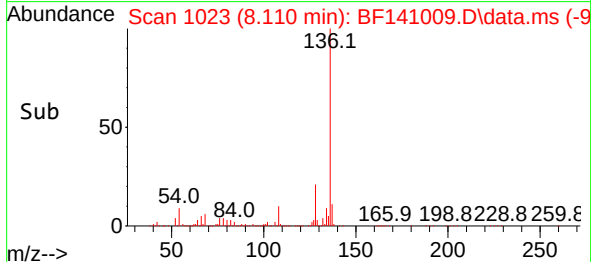
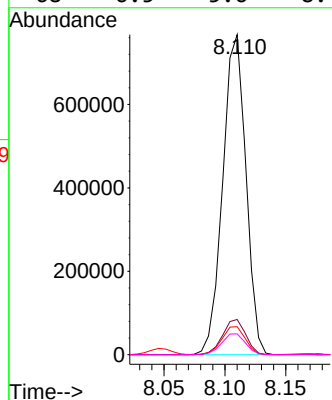
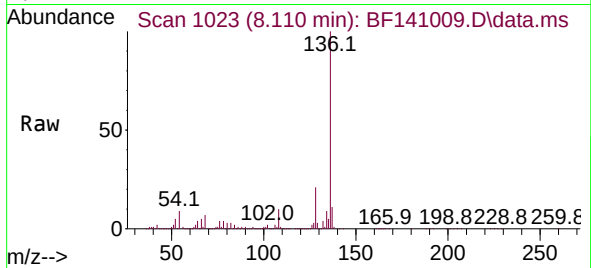


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

Tgt Ion:136 Resp: 1016551

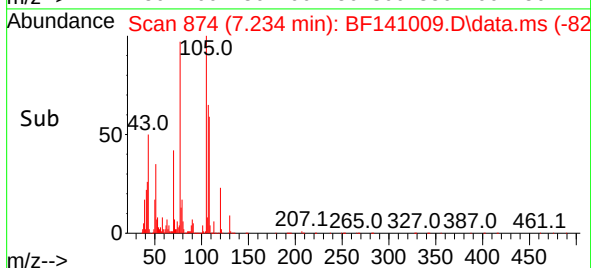
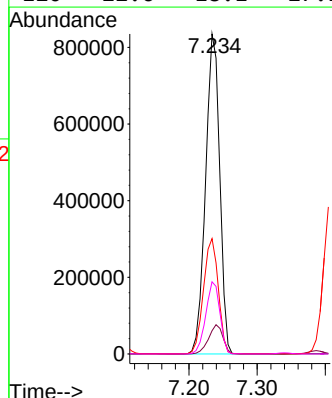
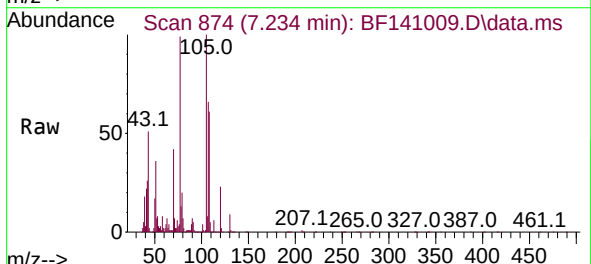
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.8	7.6	11.4
68	6.5	5.6	8.4

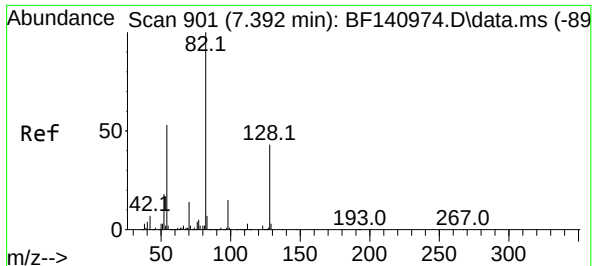


#22
Acetophenone
Concen: 48.338 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:105 Resp: 1205439

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.1	9.1
51	36.1	25.8	38.6
120	22.6	18.1	27.1





#23

Nitrobenzene-d5

Concen: 85.646 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

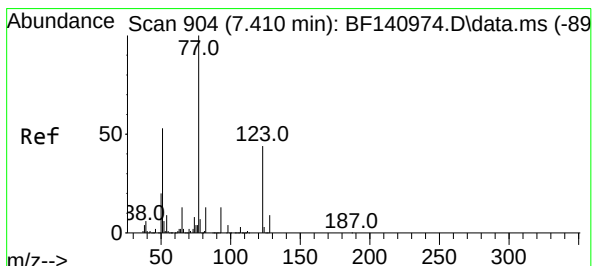
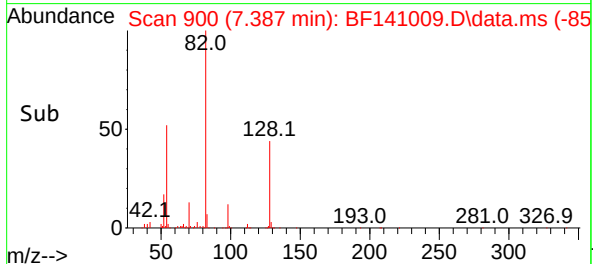
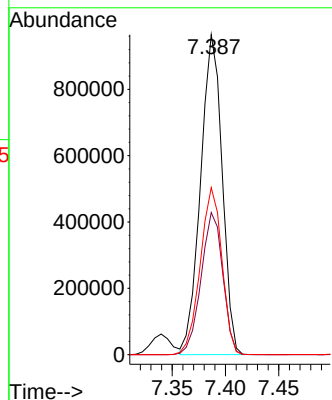
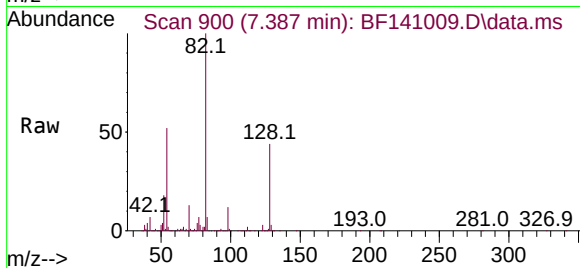
BNA_F

ClientSampleId :

VNJ210MS

Tgt Ion: 82 Resp: 1360844

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.4	51.6
54	52.2	42.4	63.6



#24

Nitrobenzene

Concen: 54.361 ng

RT: 7.404 min Scan# 903

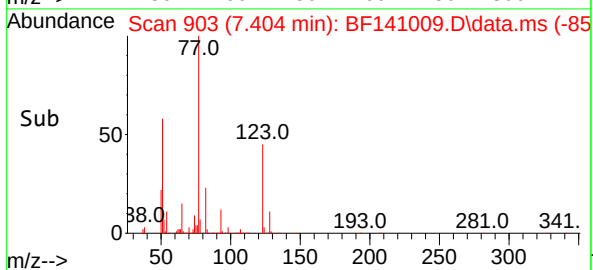
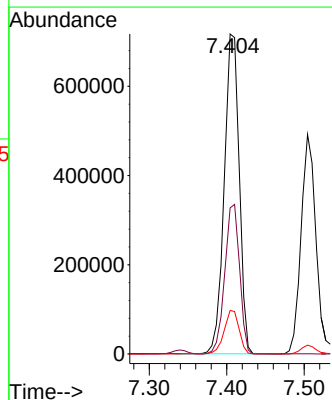
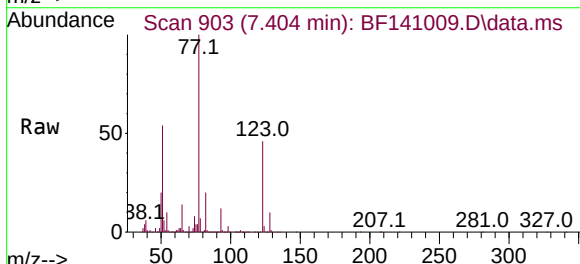
Delta R.T. -0.006 min

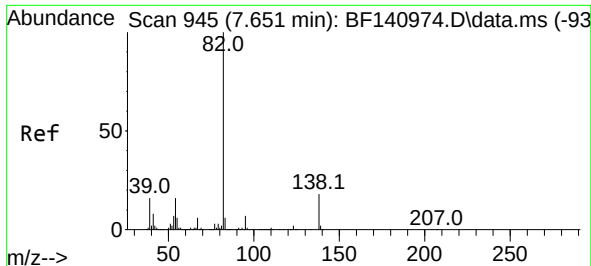
Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Tgt Ion: 77 Resp: 965143

Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.4	53.2
65	13.6	10.7	16.1

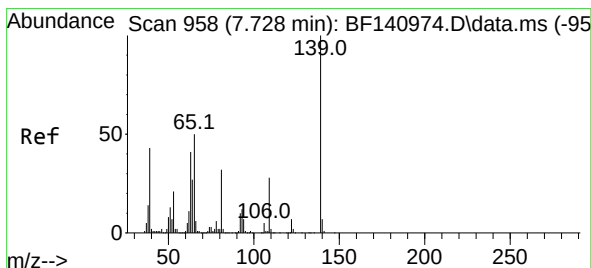
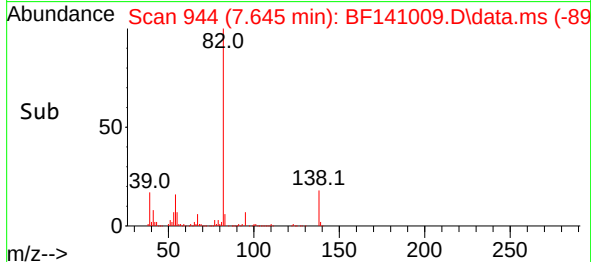
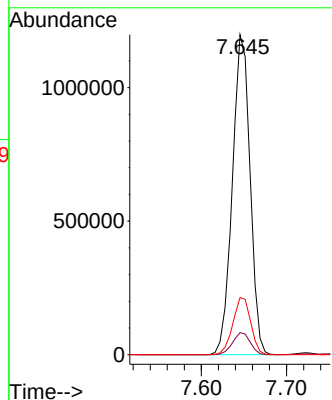
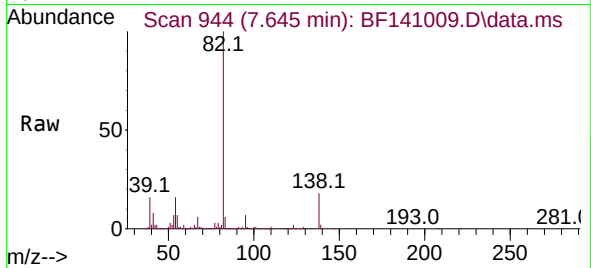




#25
Isophorone
Concen: 49.962 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

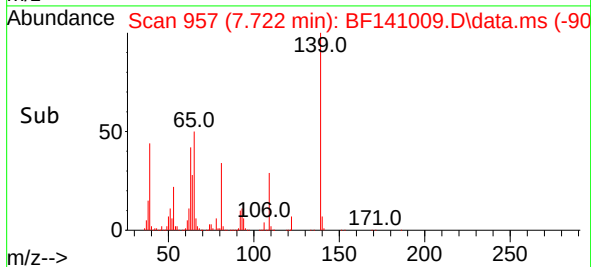
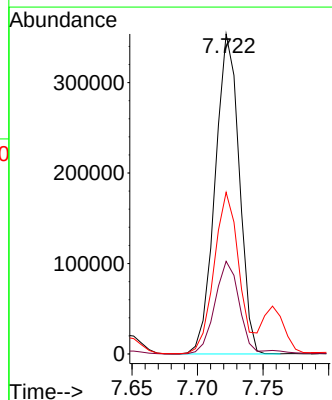
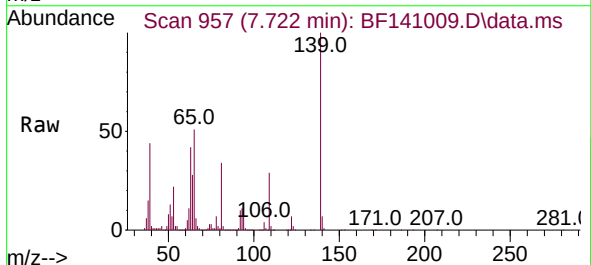
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

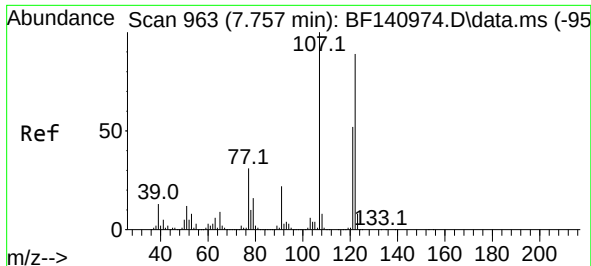
Tgt Ion: 82 Resp: 1727458
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.9 14.6 21.8



#26
2-Nitrophenol
Concen: 60.498 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:139 Resp: 451473
Ion Ratio Lower Upper
139 100
109 29.0 22.2 33.4
65 50.5 40.2 60.4

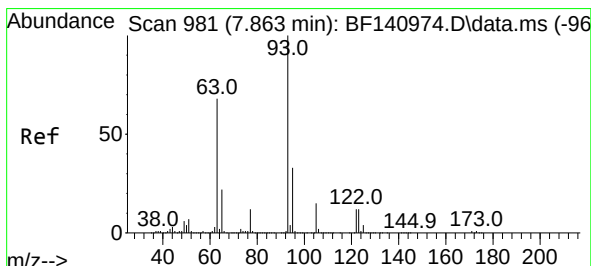
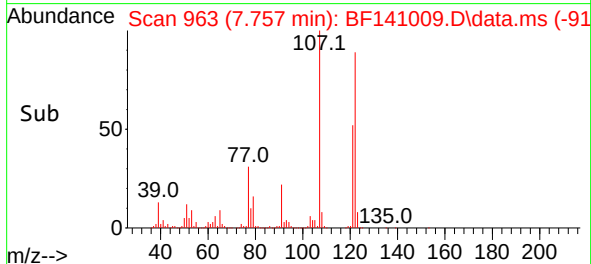
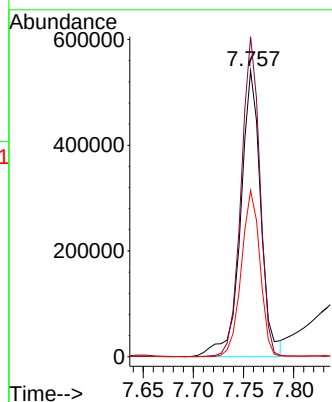
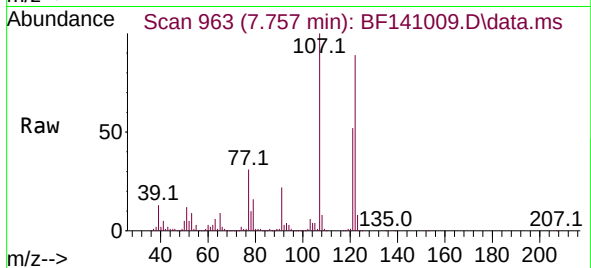




#27
2,4-Dimethylphenol
Concen: 59.837 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

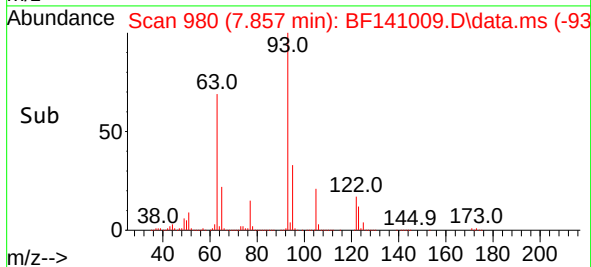
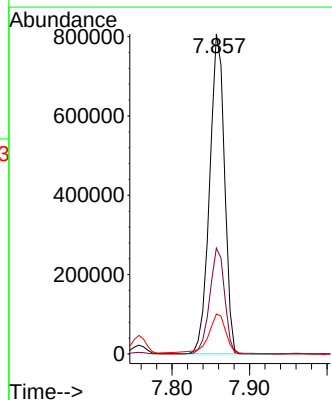
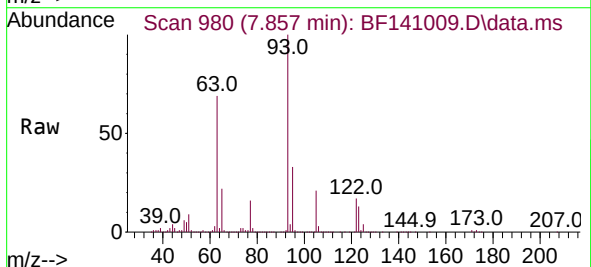
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

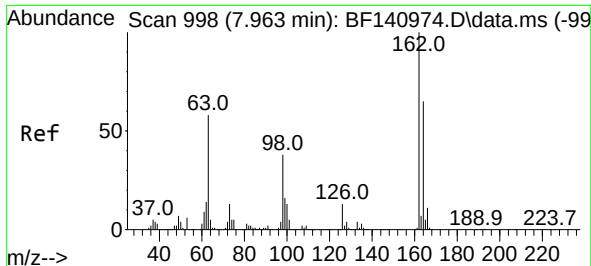
Tgt Ion:122 Resp: 756111
Ion Ratio Lower Upper
122 100
107 111.9 89.4 134.2
121 58.1 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 49.042 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion: 93 Resp: 1074329
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 50.560 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

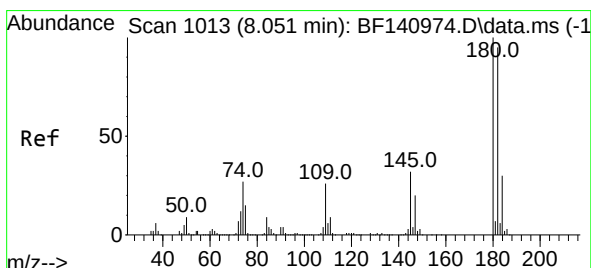
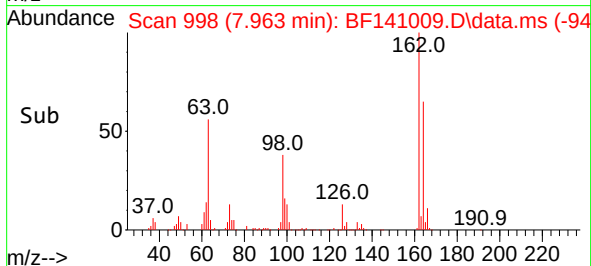
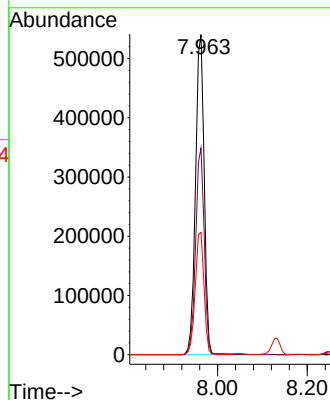
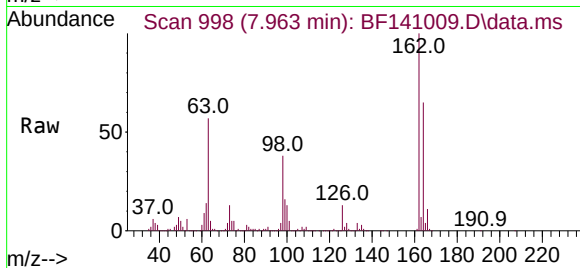
Tgt Ion:162 Resp: 724603

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 38.2 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 46.471 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

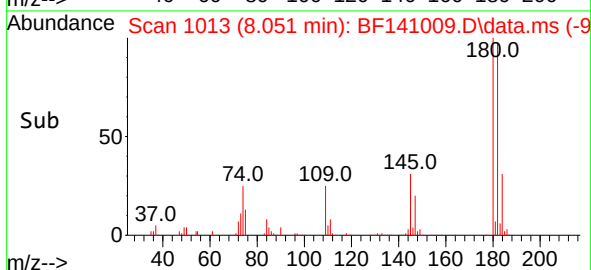
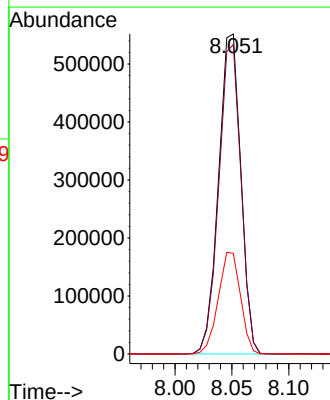
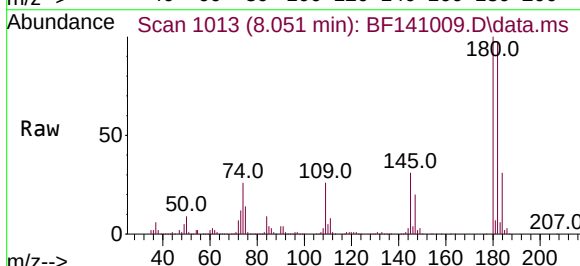
Tgt Ion:180 Resp: 753804

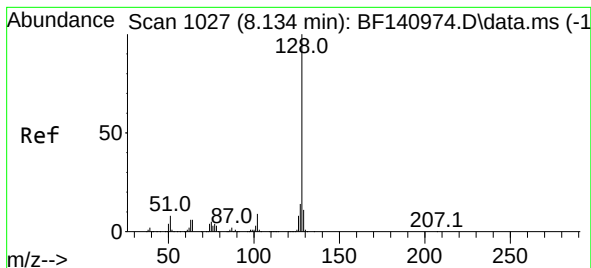
Ion Ratio Lower Upper

180 100

182 96.7 76.2 114.4

145 31.4 25.4 38.2





#31

Naphthalene

Concen: 47.550 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

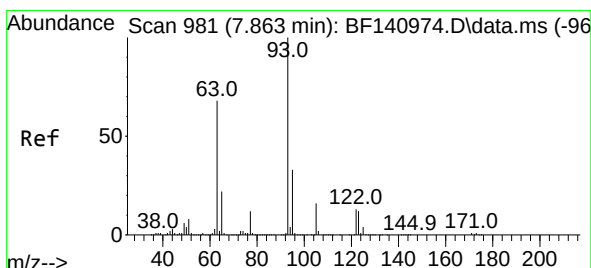
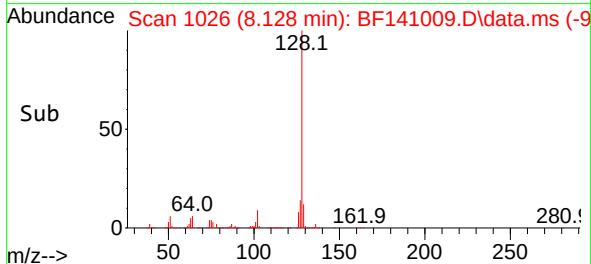
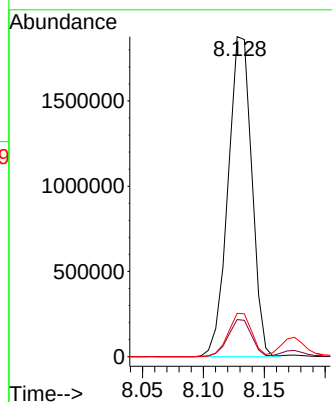
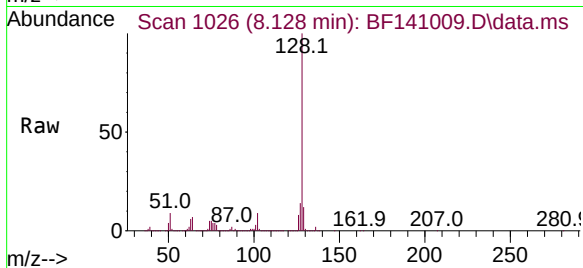
BNA_F

ClientSampleId :

VNJ210MS

Tgt Ion:128 Resp: 2547080

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.6	11.0	16.4



#32

Benzoic acid

Concen: 52.884 ng

RT: 7.869 min Scan# 982

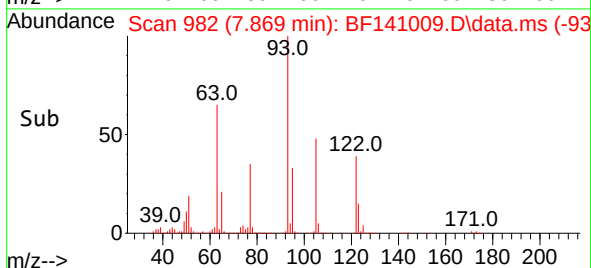
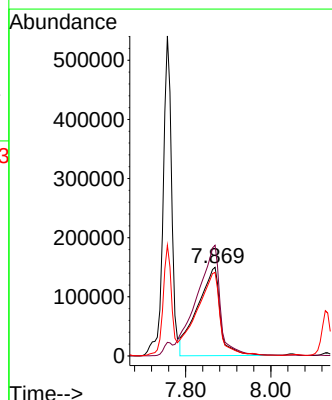
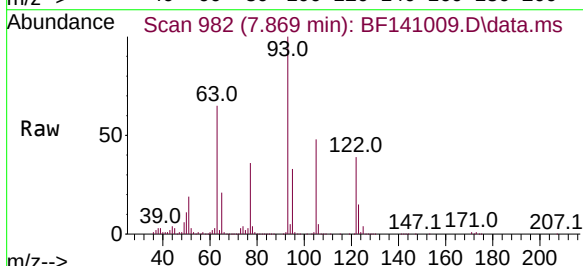
Delta R.T. 0.006 min

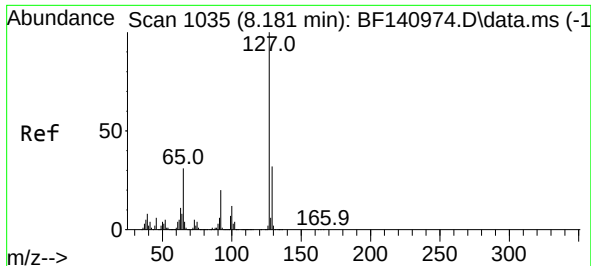
Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Tgt Ion:122 Resp: 559635

Ion	Ratio	Lower	Upper
122	100		
105	124.9	105.4	145.4
77	94.2	76.4	116.4



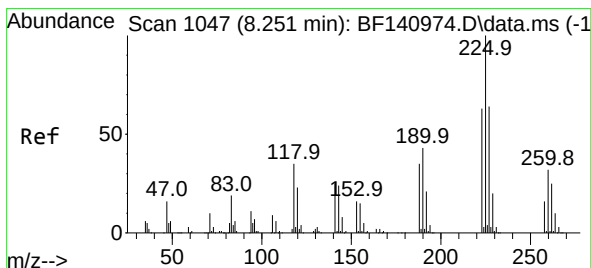
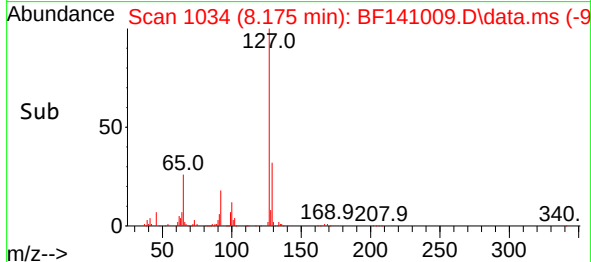
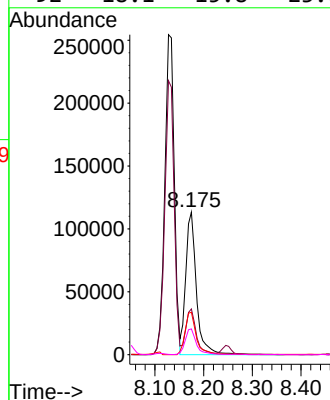
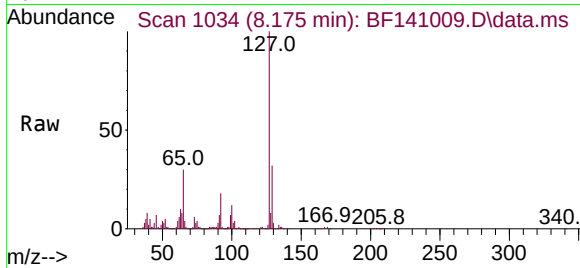


#33
4-Chloroaniline
Concen: 8.946 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

Tgt Ion:127 Resp: 173355

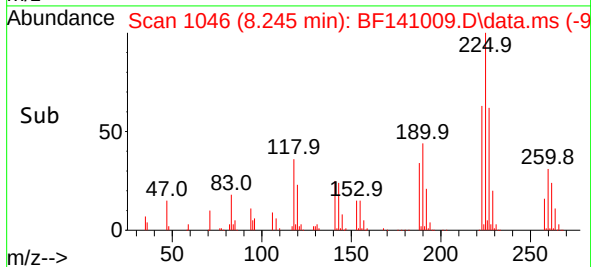
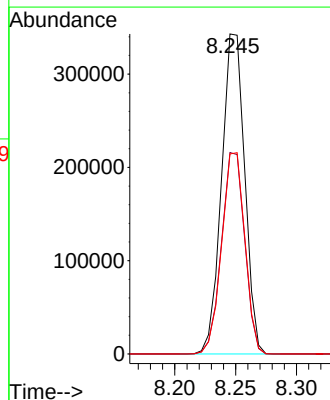
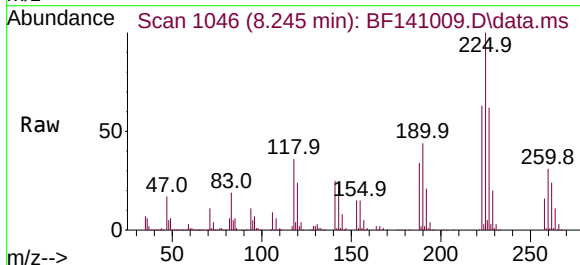
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	29.7	24.6	37.0
92	18.1	15.8	23.6

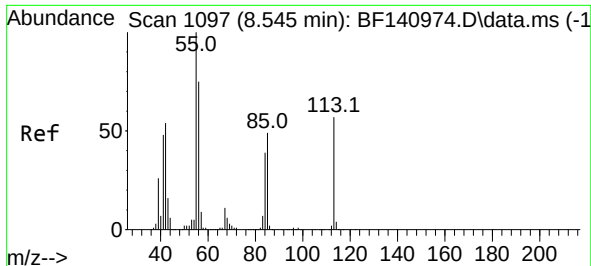


#34
Hexachlorobutadiene
Concen: 47.479 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:225 Resp: 454026

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	62.5	50.8	76.2

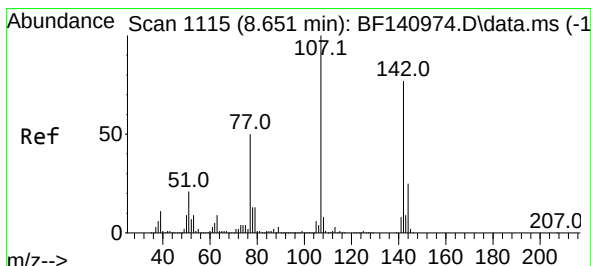
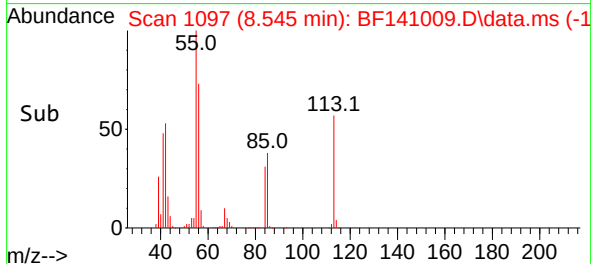
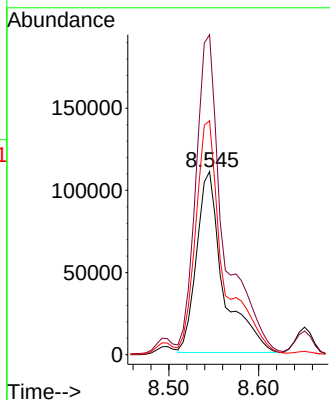
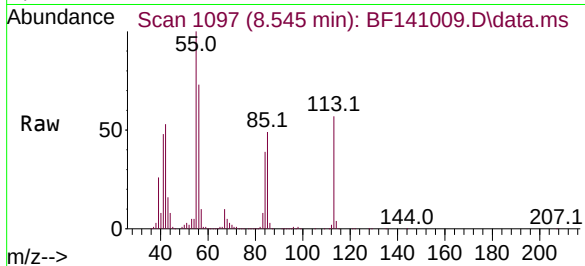




#35
 Caprolactam
 Concen: 46.875 ng
 RT: 8.545 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF141009.D
 Acq: 27 Dec 2024 20:51

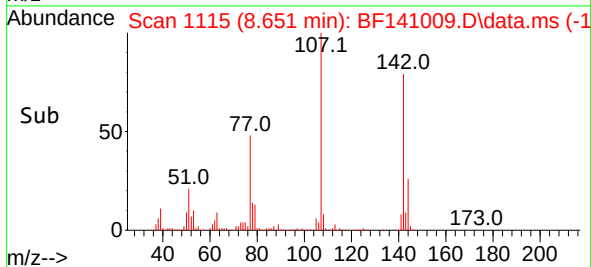
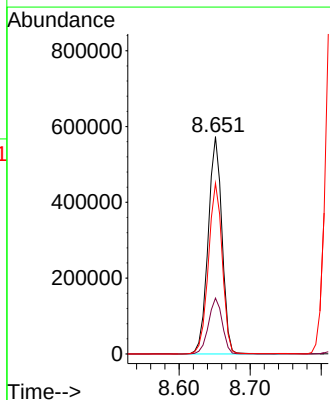
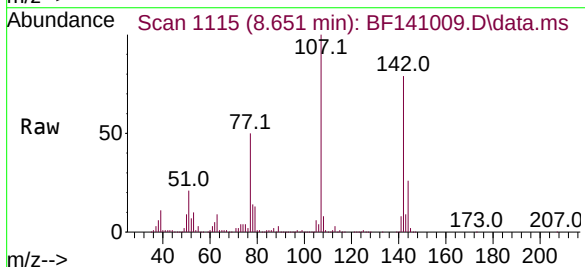
Instrument :
 BNA_F
 ClientSampleId :
 VNJ210MS

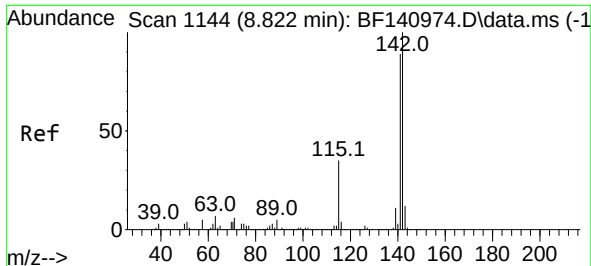
Tgt Ion:113 Resp: 228377
 Ion Ratio Lower Upper
 113 100
 55 174.8 156.6 196.6
 56 127.8 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.684 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. 0.000 min
 Lab File: BF141009.D
 Acq: 27 Dec 2024 20:51

Tgt Ion:107 Resp: 774855
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.9 29.9
 142 78.6 61.8 92.8





#37

2-Methylnaphthalene

Concen: 48.034 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

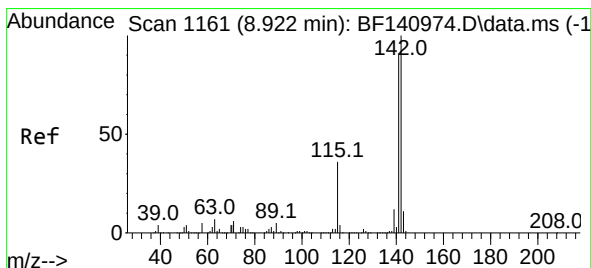
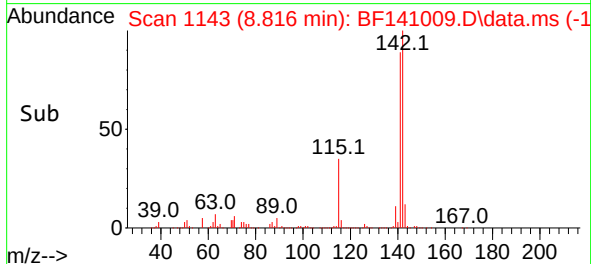
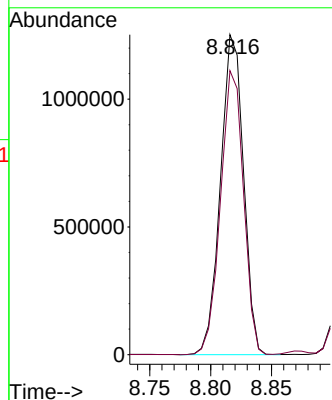
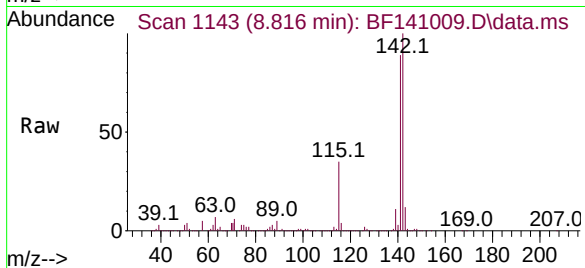
VNJ210MS

Tgt Ion:142 Resp: 1646034

Ion Ratio Lower Upper

142 100

141 88.8 71.1 106.7



#38

1-Methylnaphthalene

Concen: 45.651 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF141009.D

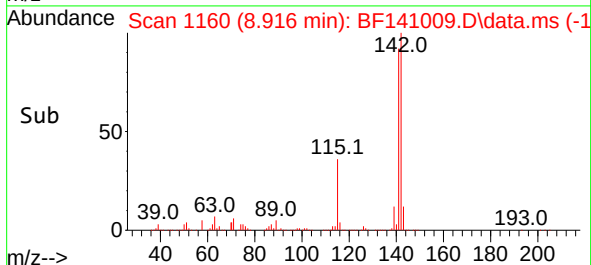
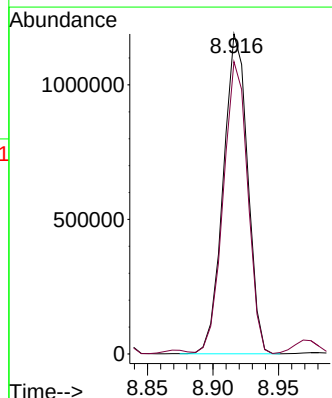
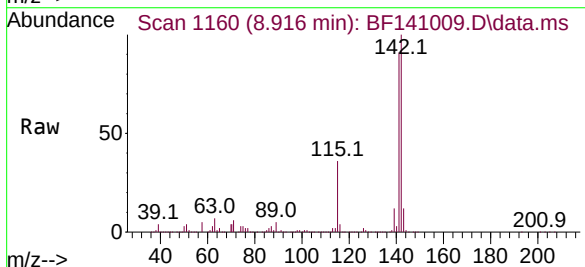
Acq: 27 Dec 2024 20:51

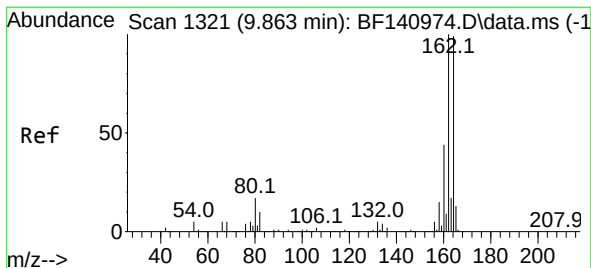
Tgt Ion:142 Resp: 1537432

Ion Ratio Lower Upper

142 100

141 91.3 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

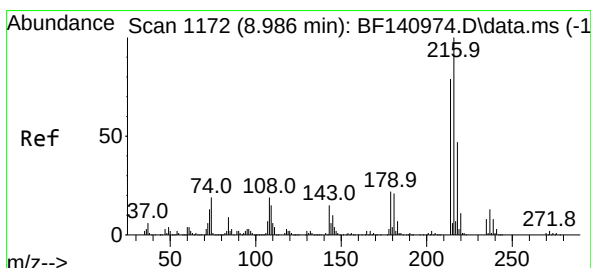
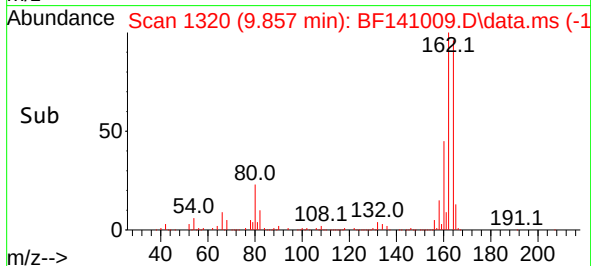
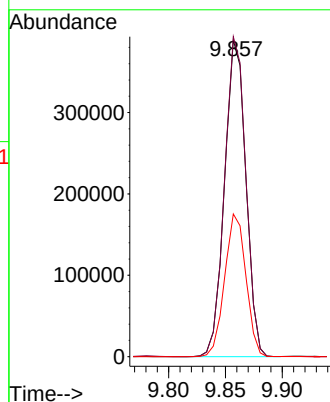
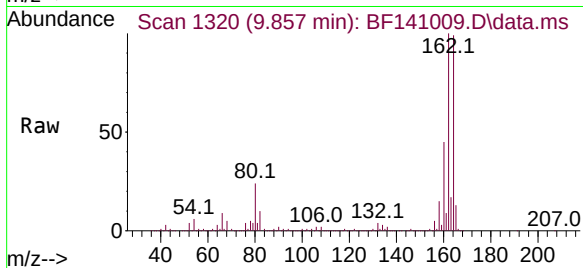
Tgt Ion:164 Resp: 507710

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 45.1 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.947 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Tgt Ion:216 Resp: 725579

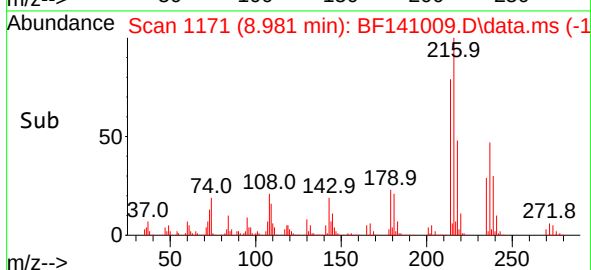
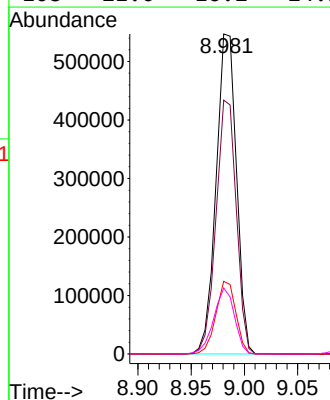
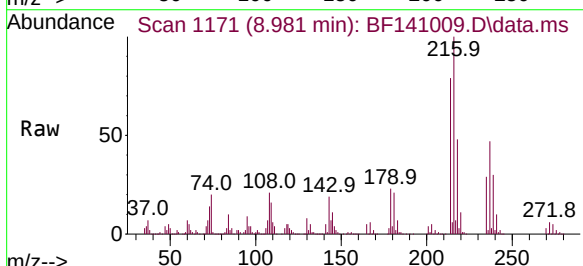
Ion Ratio Lower Upper

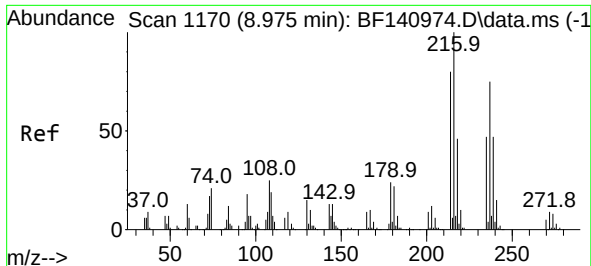
216 100

214 78.8 63.0 94.6

179 22.2 17.9 26.9

108 21.0 16.2 24.2

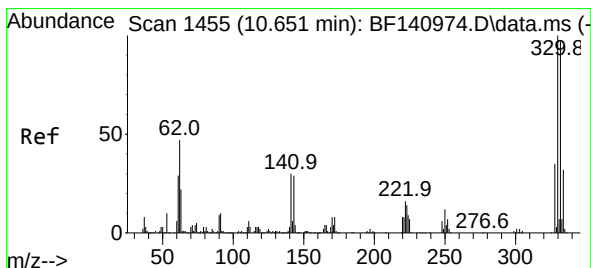
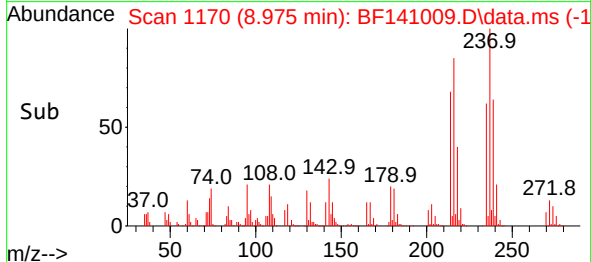
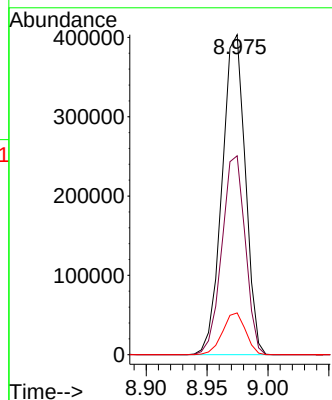
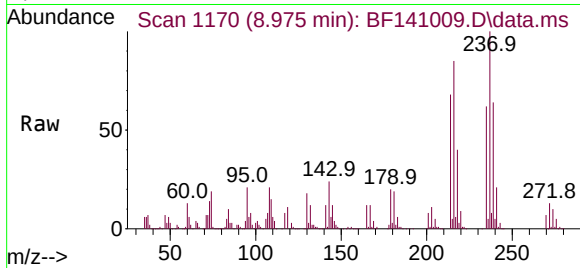




#41
Hexachlorocyclopentadiene
Concen: 115.804 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

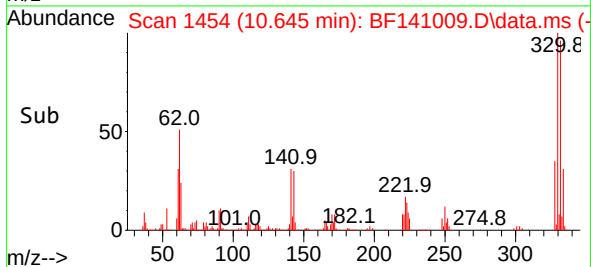
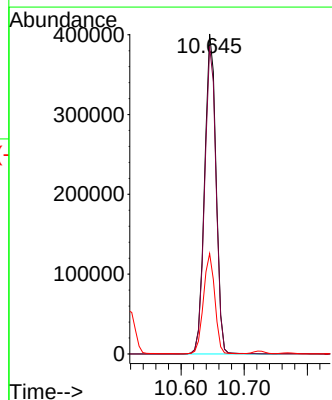
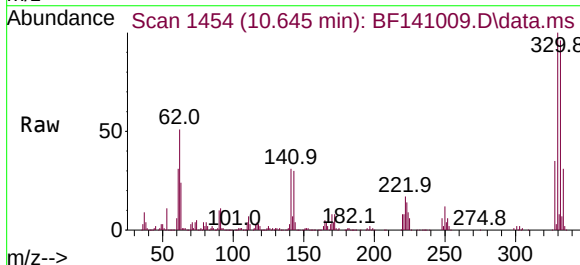
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

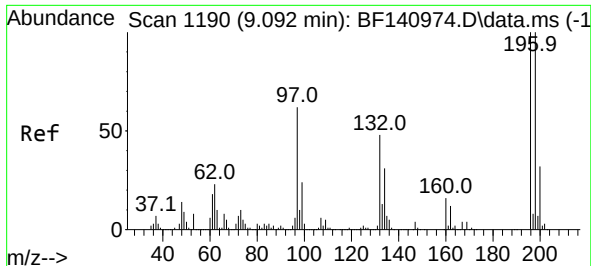
Tgt Ion:237 Resp: 536028
Ion Ratio Lower Upper
237 100
235 62.2 43.4 83.4
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 102.373 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:330 Resp: 505052
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 31.0 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 53.677 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

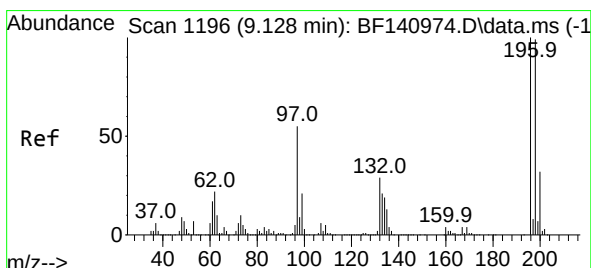
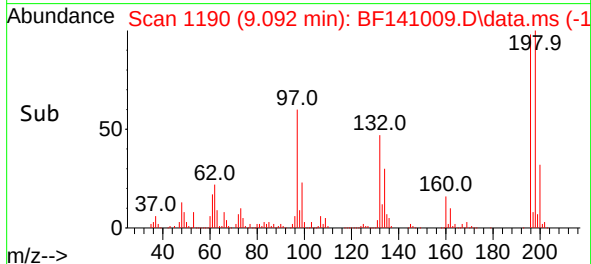
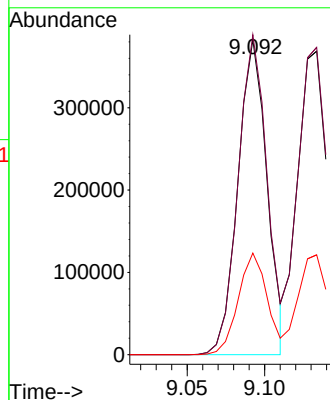
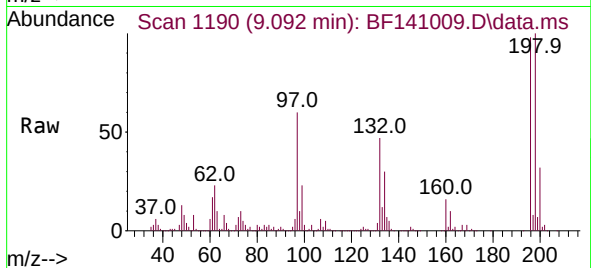
Tgt Ion:196 Resp: 498991

Ion Ratio Lower Upper

196 100

198 101.7 80.2 120.4

200 32.3 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 52.322 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Tgt Ion:196 Resp: 497681

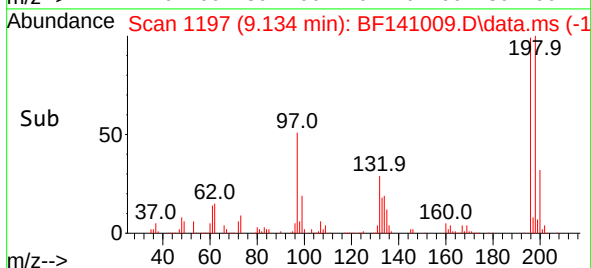
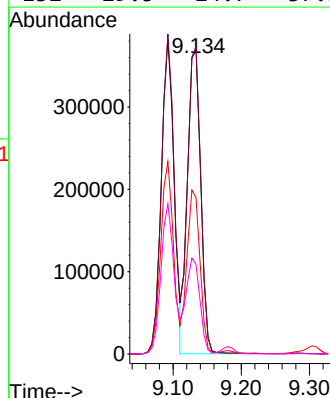
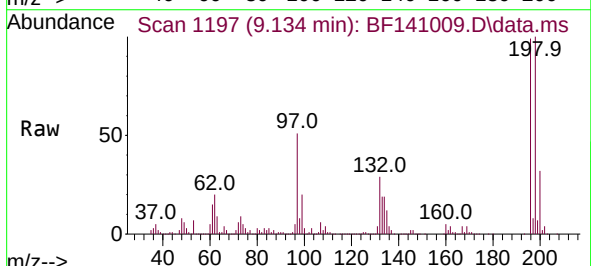
Ion Ratio Lower Upper

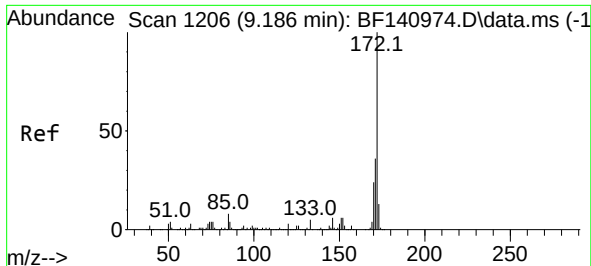
196 100

198 101.3 79.9 119.9

97 51.4 44.3 66.5

132 29.5 24.7 37.1

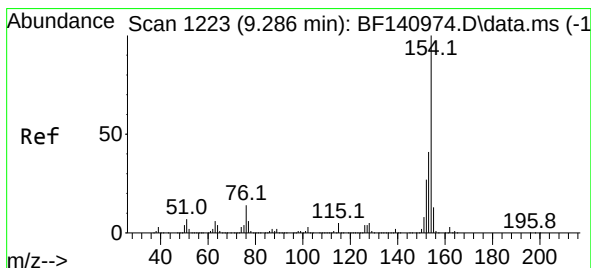
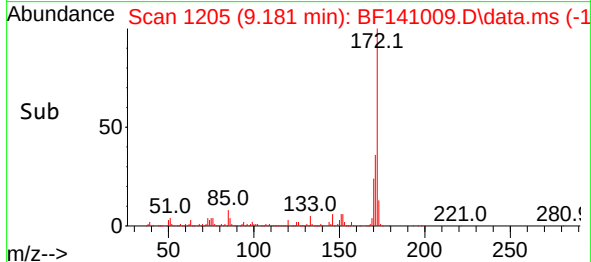
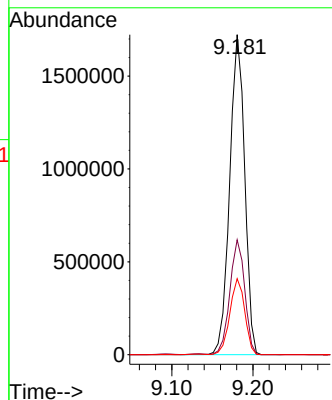
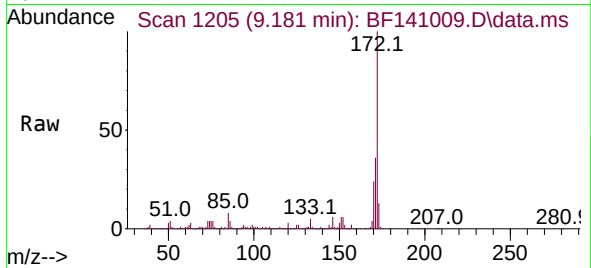




#45
2-Fluorobiphenyl
Concen: 69.362 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

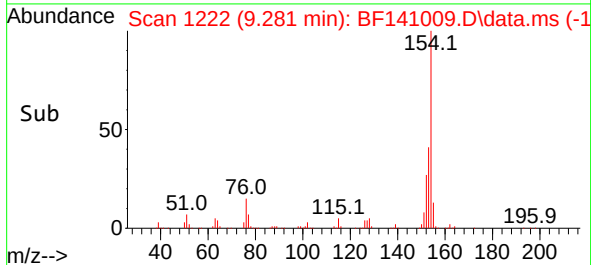
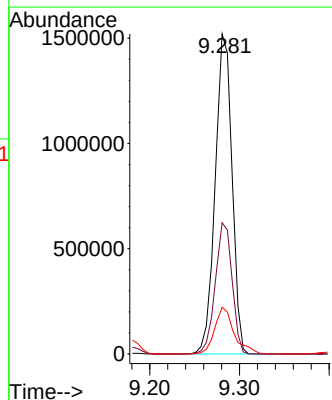
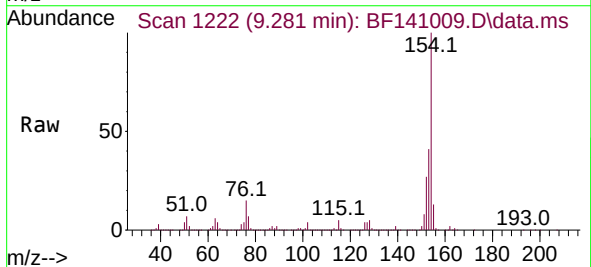
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

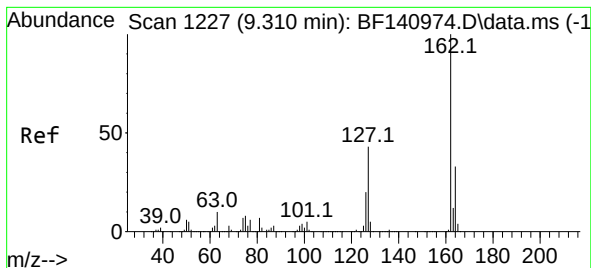
Tgt Ion:172 Resp: 2210314
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.8 19.6 29.4



#46
1,1'-Biphenyl
Concen: 50.882 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.005 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:154 Resp: 1978057
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 14.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.092 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

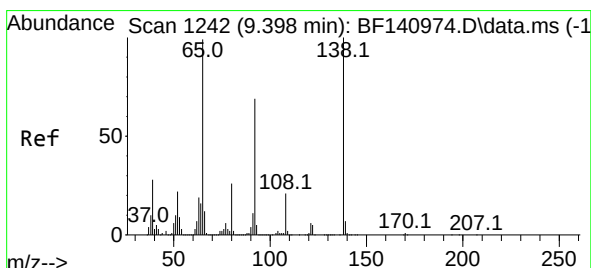
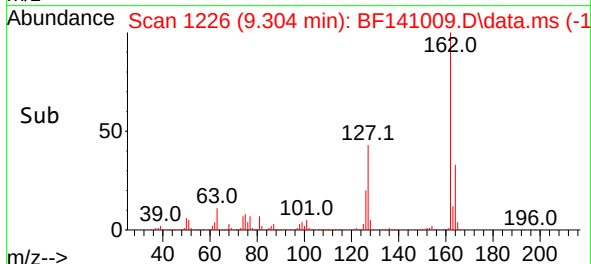
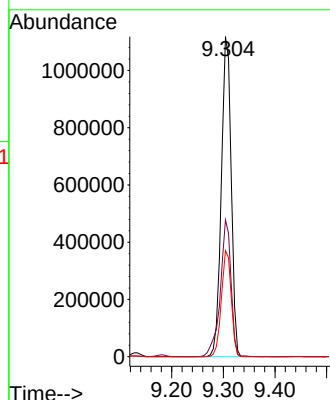
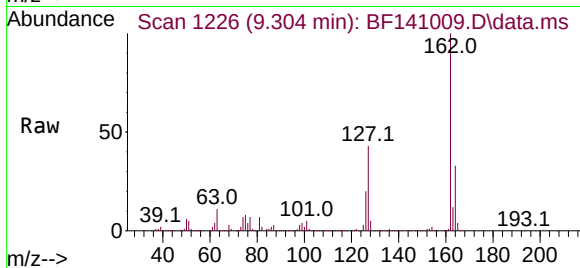
Tgt Ion:162 Resp: 1480143

Ion Ratio Lower Upper

162 100

127 42.7 34.2 51.4

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 58.023 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

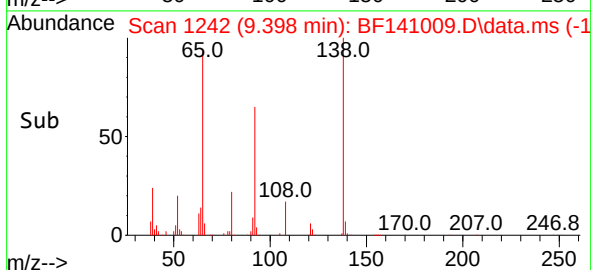
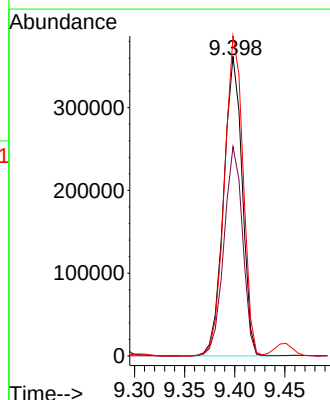
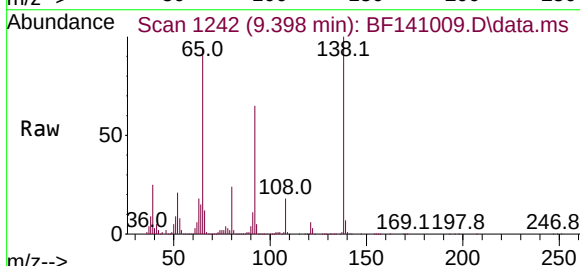
Tgt Ion: 65 Resp: 466123

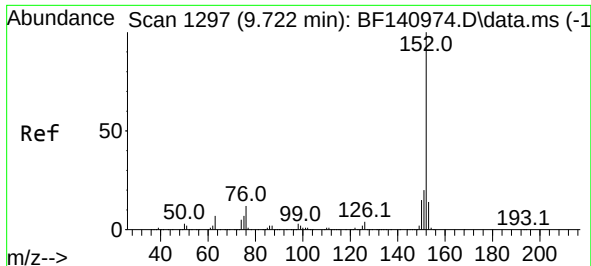
Ion Ratio Lower Upper

65 100

92 69.9 55.6 83.4

138 106.8 80.5 120.7





#49

Acenaphthylene

Concen: 52.304 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

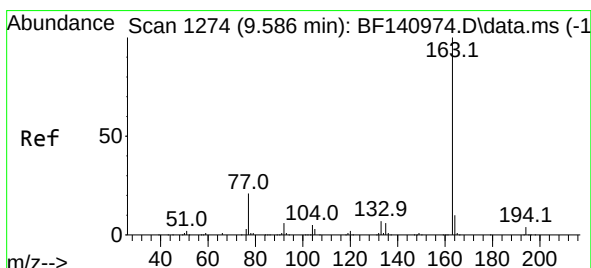
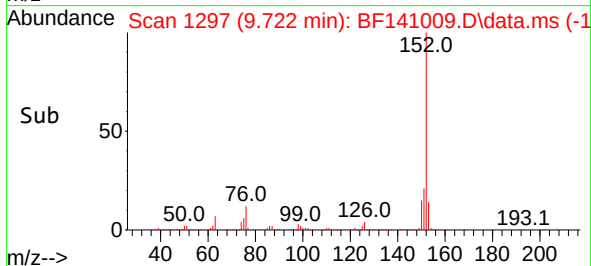
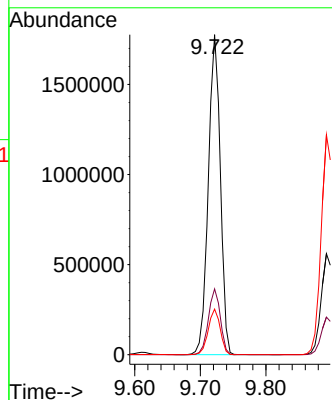
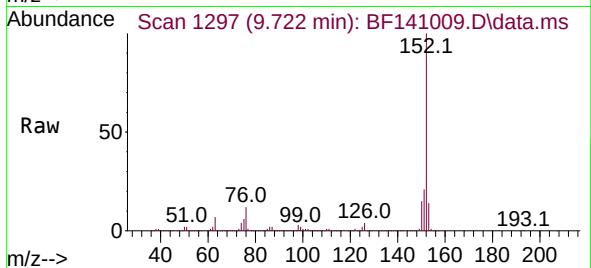
Tgt Ion:152 Resp: 2270129

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 51.926 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

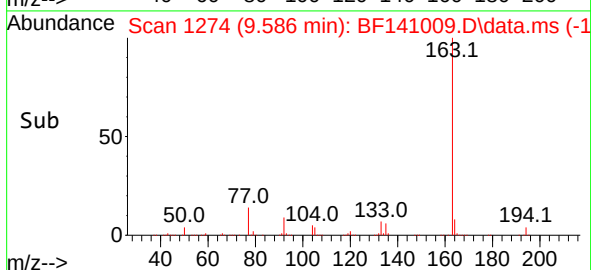
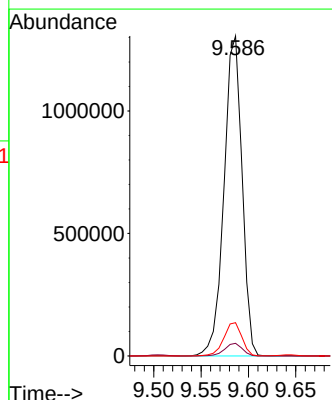
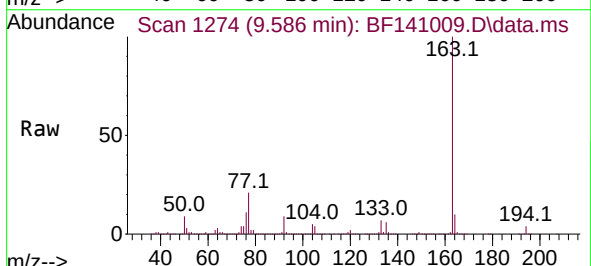
Tgt Ion:163 Resp: 1734093

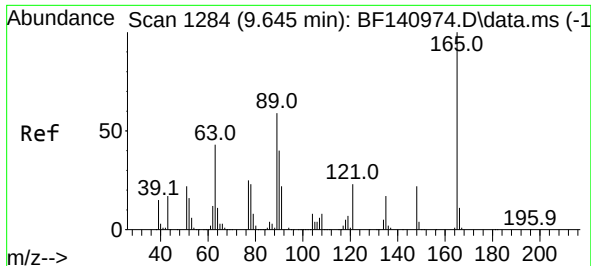
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.3 12.5

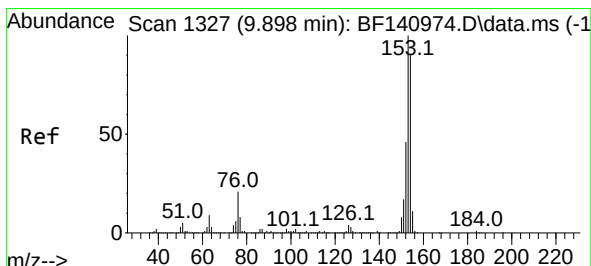
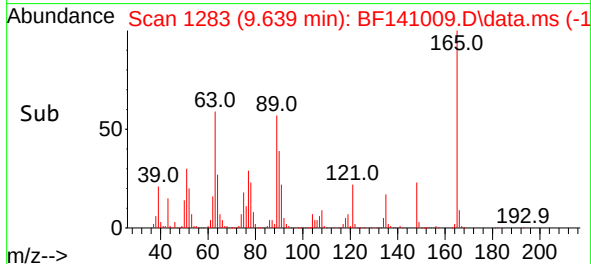
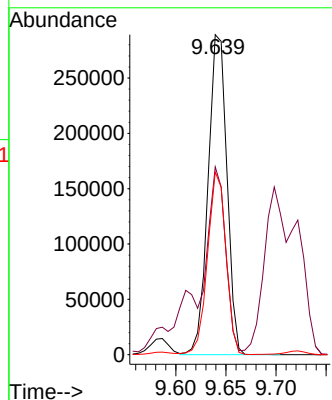
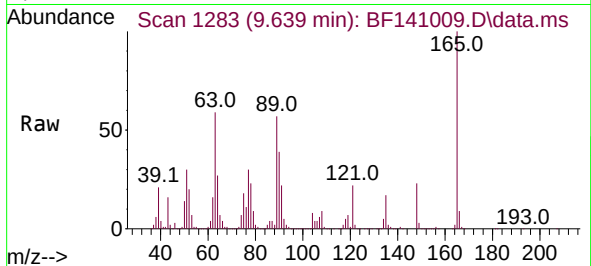




#51
2,6-Dinitrotoluene
Concen: 54.929 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

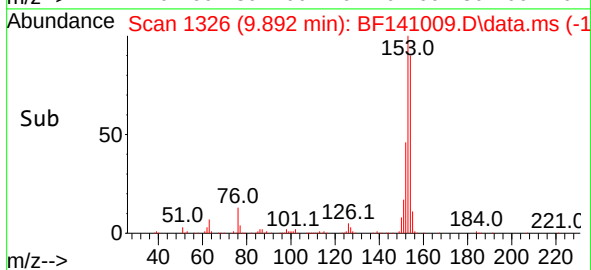
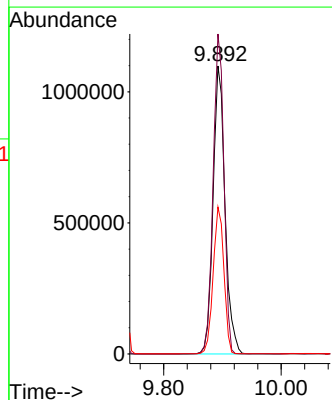
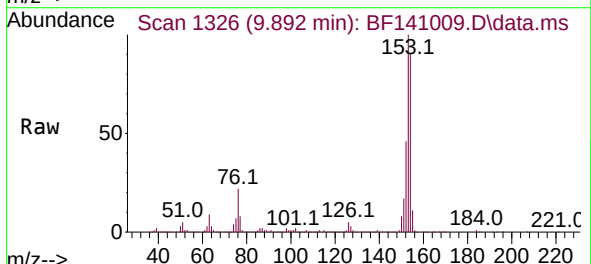
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

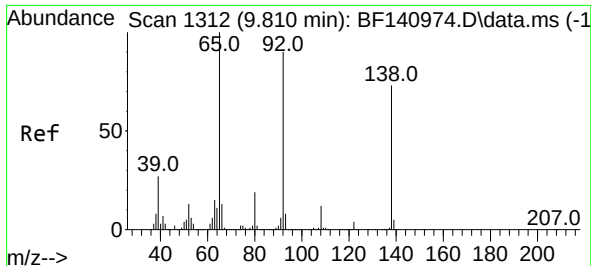
Tgt Ion:165 Resp: 377983
Ion Ratio Lower Upper
165 100
63 58.7 47.1 70.7
89 57.1 47.0 70.4



#52
Acenaphthene
Concen: 53.014 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:154 Resp: 1555552
Ion Ratio Lower Upper
154 100
153 111.1 89.2 133.8
152 51.0 40.9 61.3

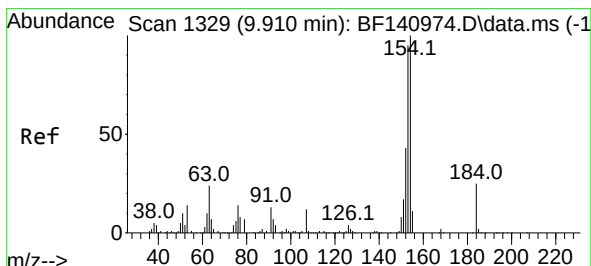
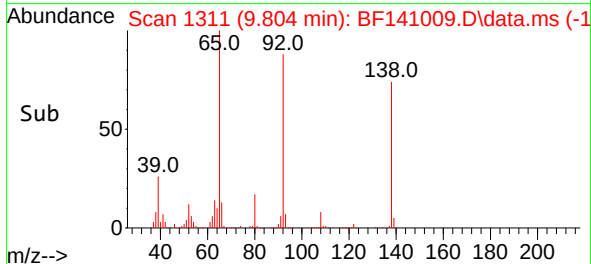
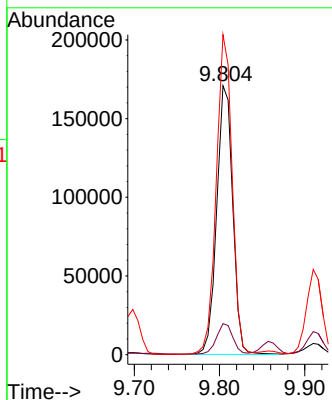
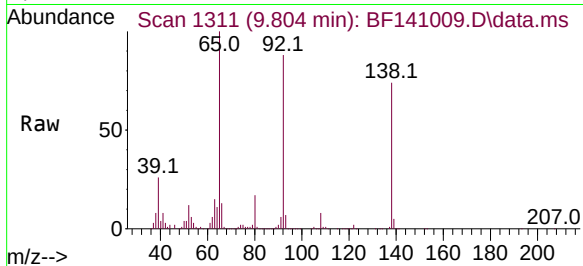




#53
3-Nitroaniline
Concen: 31.407 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

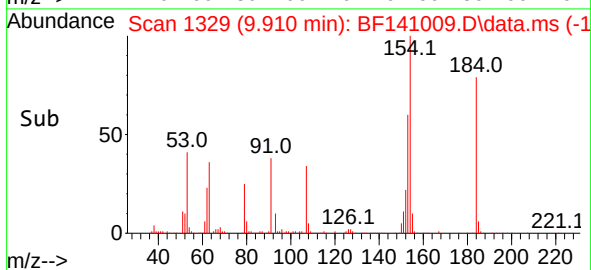
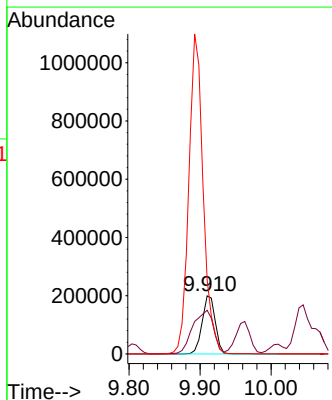
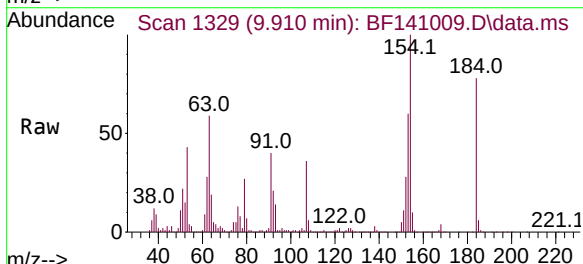
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

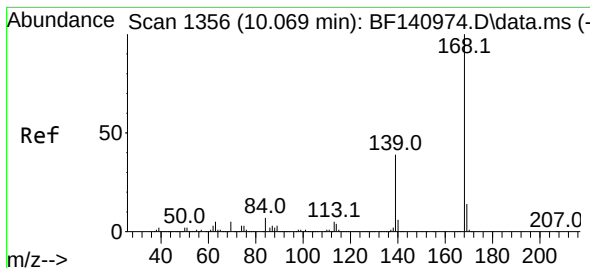
Tgt Ion:138 Resp: 223648
Ion Ratio Lower Upper
138 100
108 11.5 13.5 20.3#
92 118.9 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 89.807 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:184 Resp: 257182
Ion Ratio Lower Upper
184 100
63 75.2 81.6 122.4#
154 127.5 363.5 545.3#

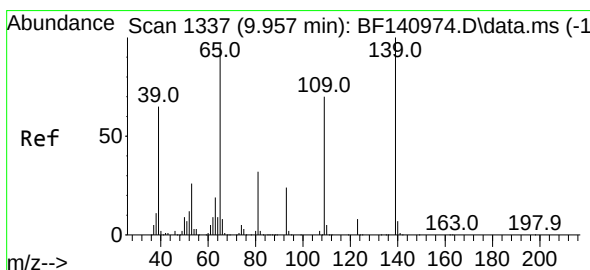
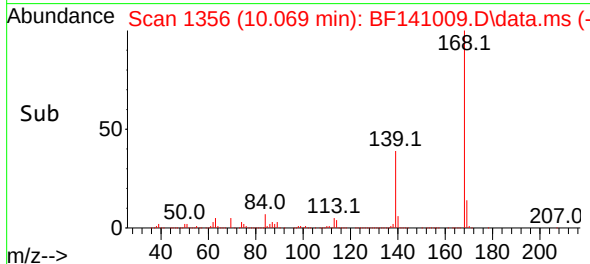
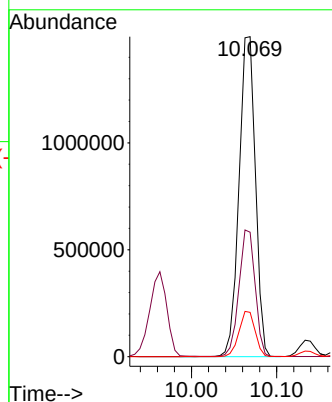
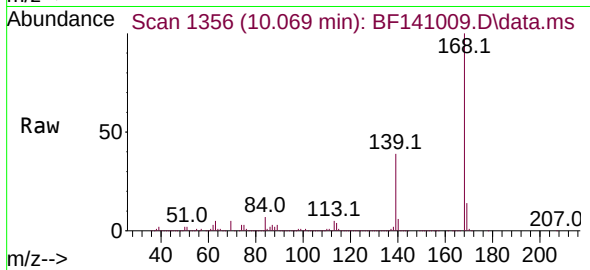




#55
Dibenzenofuran
Concen: 48.486 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

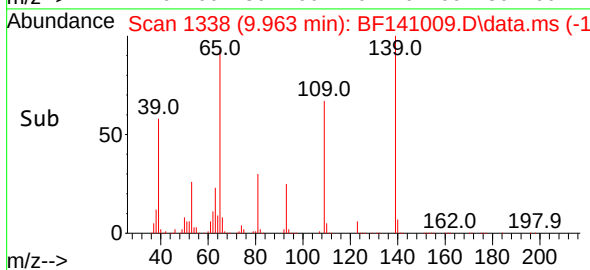
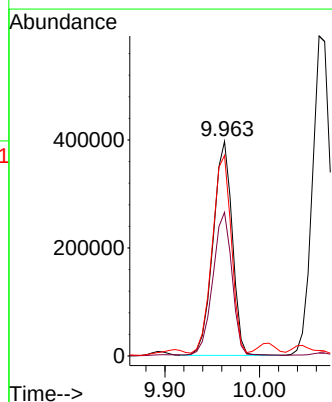
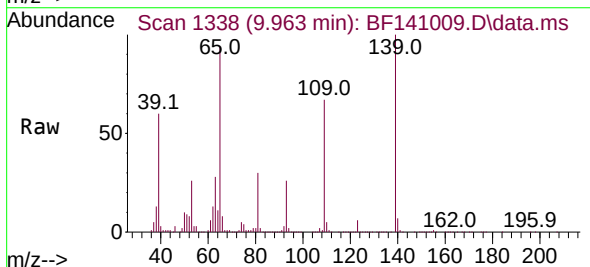
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

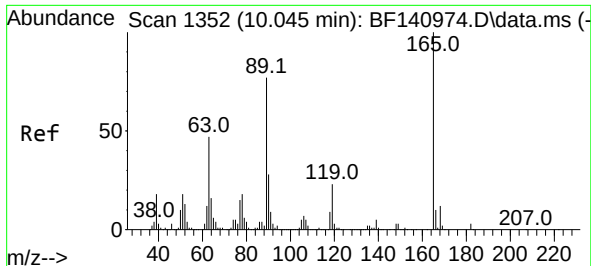
Tgt Ion:168 Resp: 1999401
Ion Ratio Lower Upper
168 100
139 38.9 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 97.542 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:139 Resp: 557215
Ion Ratio Lower Upper
139 100
109 66.9 50.8 90.8
65 93.5 78.5 118.5

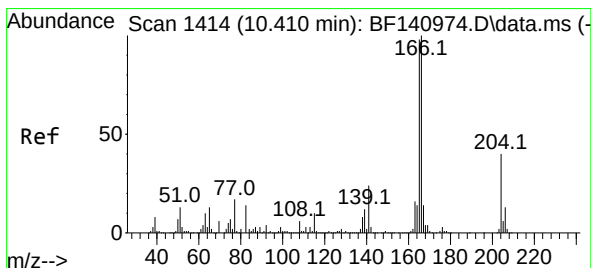
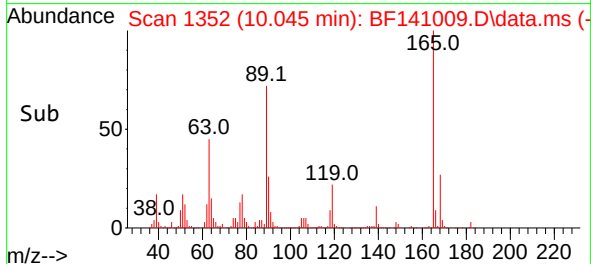
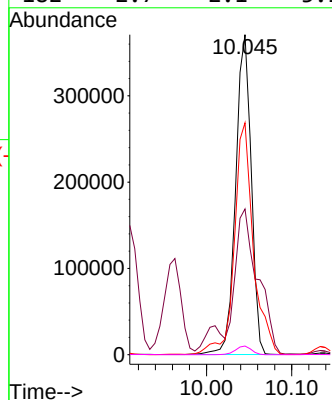
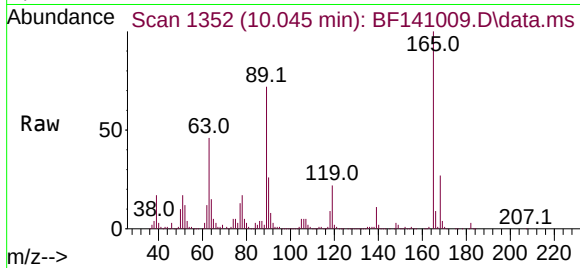




#57
2,4-Dinitrotoluene
Concen: 55.570 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

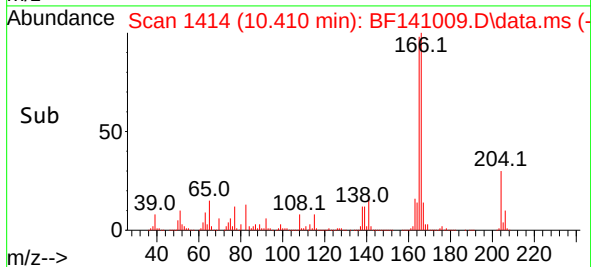
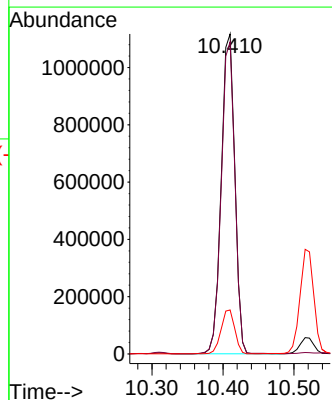
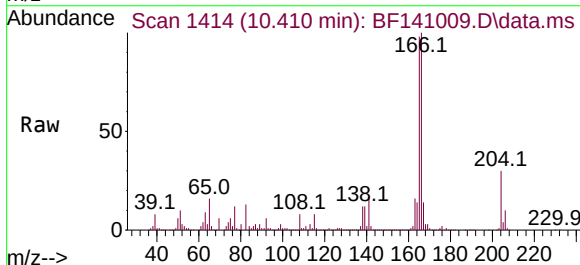
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

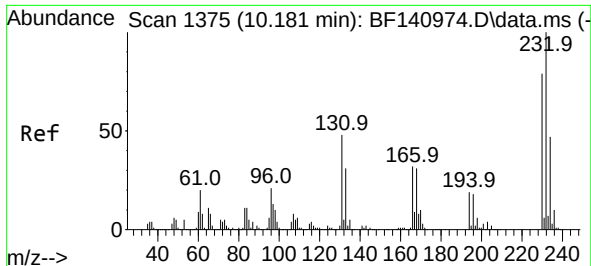
Tgt Ion:165 Resp: 469646
Ion Ratio Lower Upper
165 100
63 45.5 38.1 57.1
89 72.4 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 46.178 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:166 Resp: 1476611
Ion Ratio Lower Upper
166 100
165 97.5 78.3 117.5
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.020 ng

RT: 10.181 min Scan# 1375

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

Tgt Ion:232 Resp: 401916

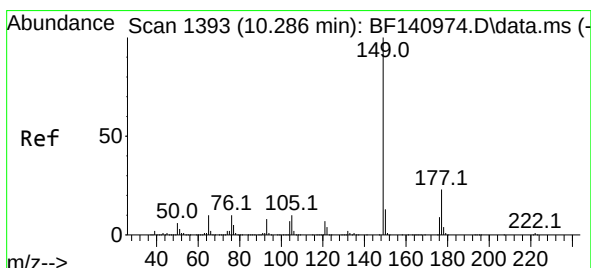
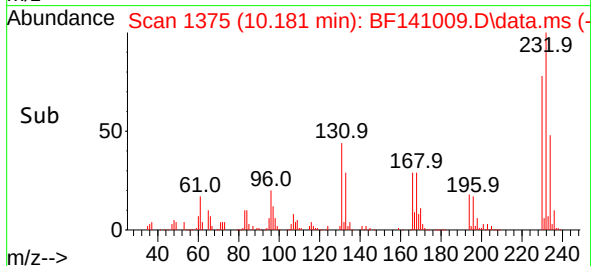
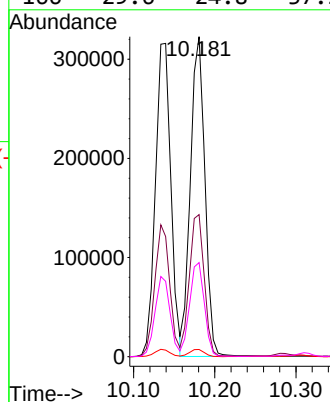
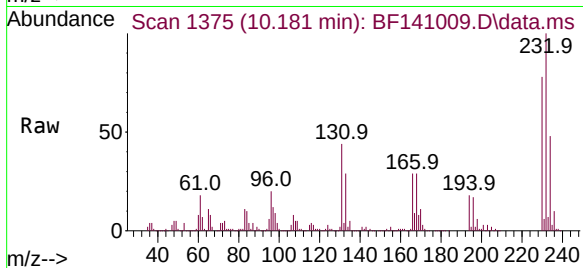
Ion Ratio Lower Upper

232 100

131 45.1 37.4 56.2

130 2.3 1.8 2.8

166 29.6 24.8 37.2



#60

Diethylphthalate

Concen: 49.327 ng

RT: 10.286 min Scan# 1393

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

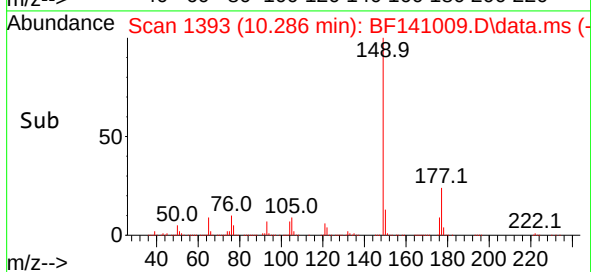
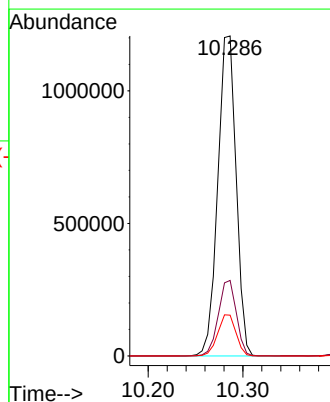
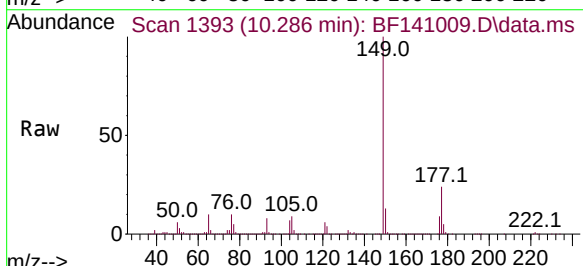
Tgt Ion:149 Resp: 1626265

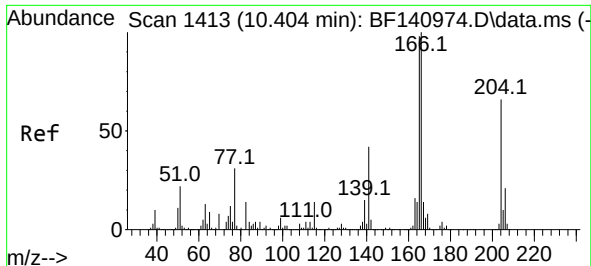
Ion Ratio Lower Upper

149 100

177 23.6 18.3 27.5

150 12.7 10.4 15.6

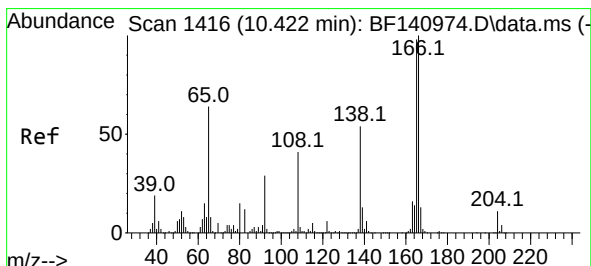
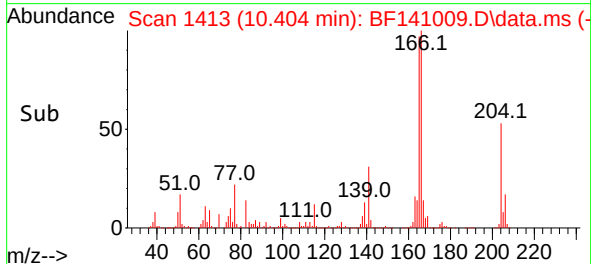
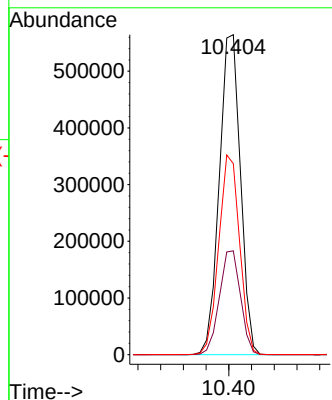
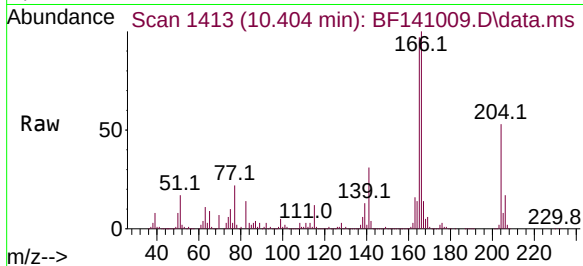




#61
4-Chlorophenyl-phenylether
Concen: 47.473 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

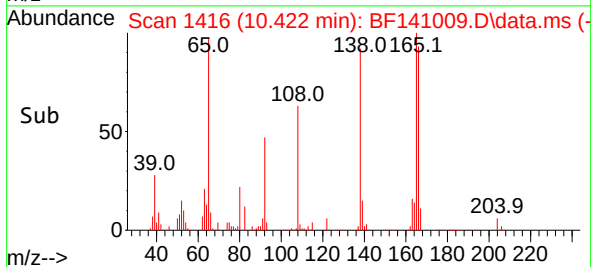
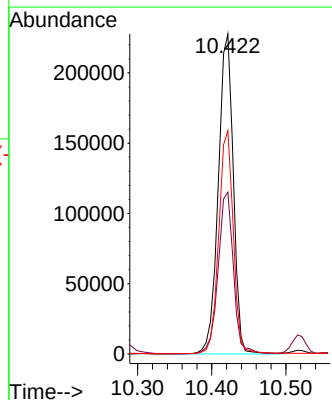
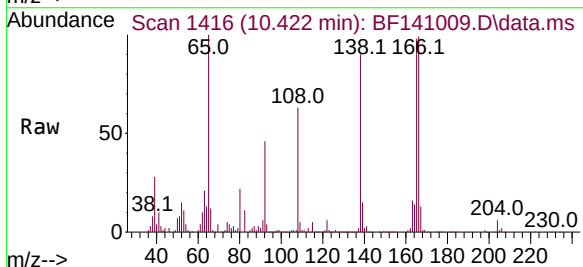
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

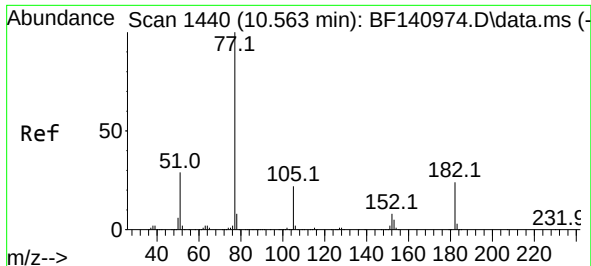
Tgt Ion:204 Resp: 730444
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 59.7 51.2 76.8



#62
4-Nitroaniline
Concen: 43.681 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:138 Resp: 320813
Ion Ratio Lower Upper
138 100
92 50.6 34.8 74.8
108 69.7 55.9 95.9



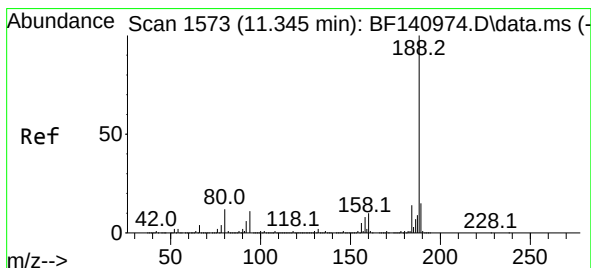
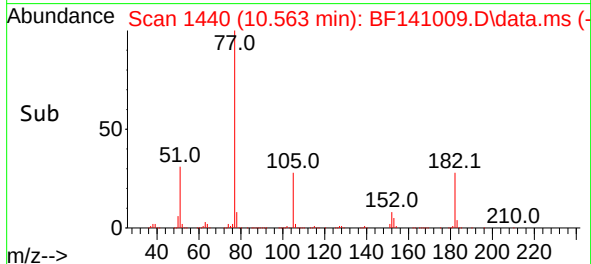
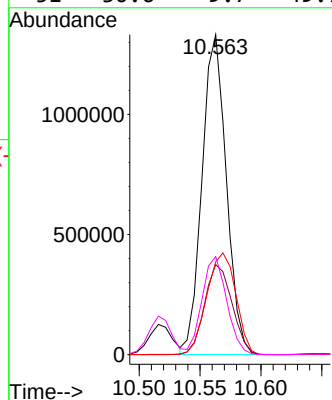
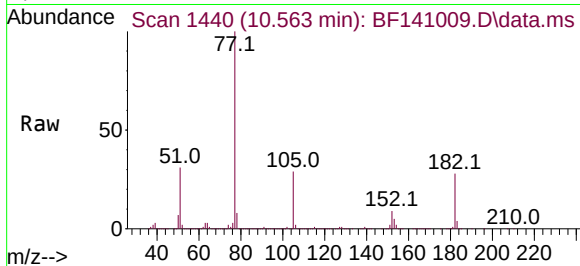


#63
Azobenzene
Concen: 53.262 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

Tgt Ion: 77 Resp: 1843154

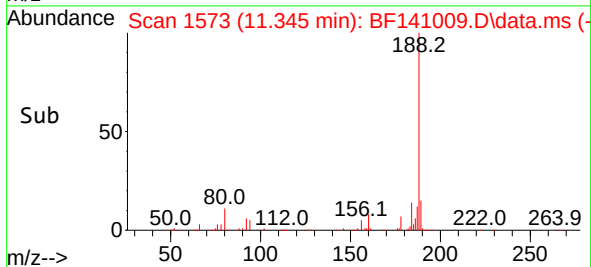
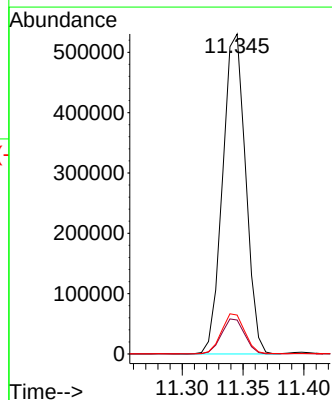
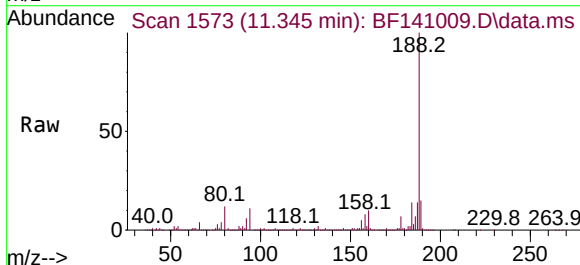
Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.1	44.1
105	29.0	1.8	41.8
51	30.6	9.7	49.7

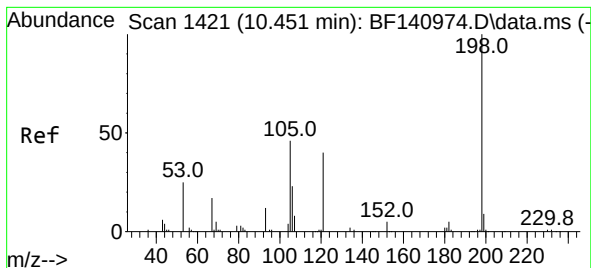


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion: 188 Resp: 696963

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.6
80	12.1	9.8	14.6

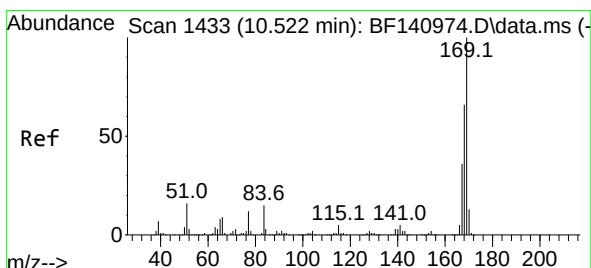
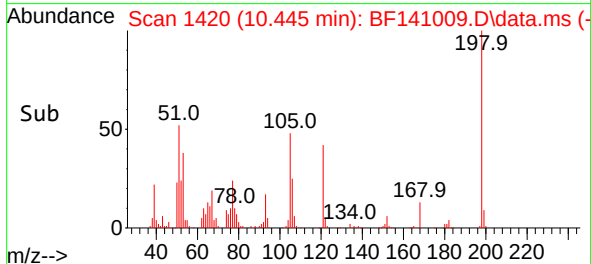
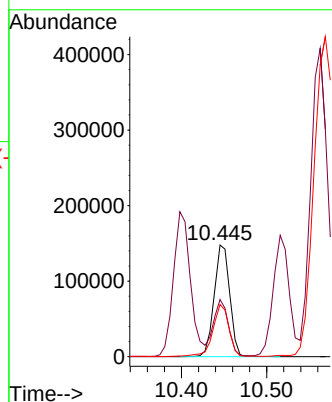
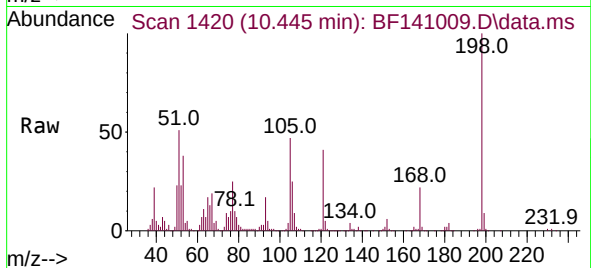




#65
4,6-Dinitro-2-methylphenol
Concen: 63.594 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

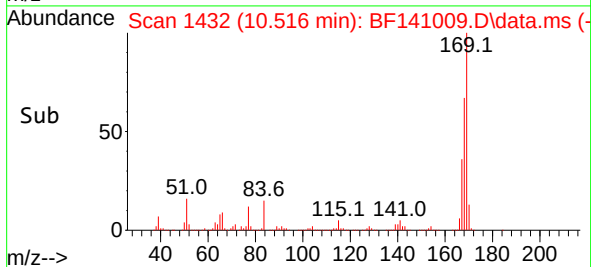
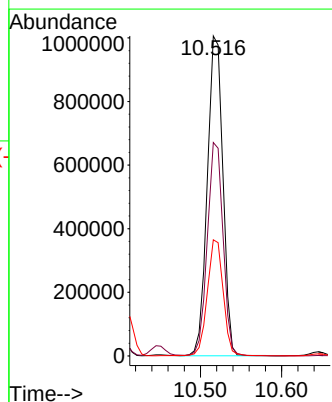
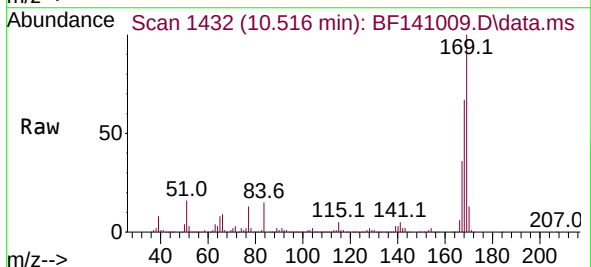
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

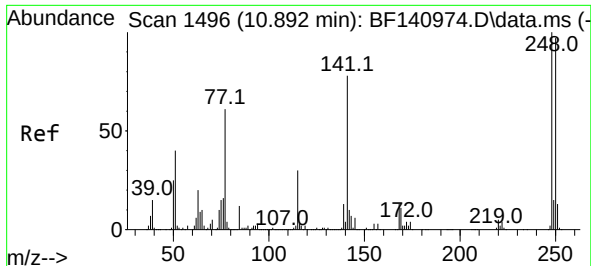
Tgt Ion:198 Resp: 187191
Ion Ratio Lower Upper
198 100
51 51.2 32.3 72.3
105 46.7 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 60.947 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:169 Resp: 1337629
Ion Ratio Lower Upper
169 100
168 66.7 52.6 79.0
167 36.3 29.0 43.4

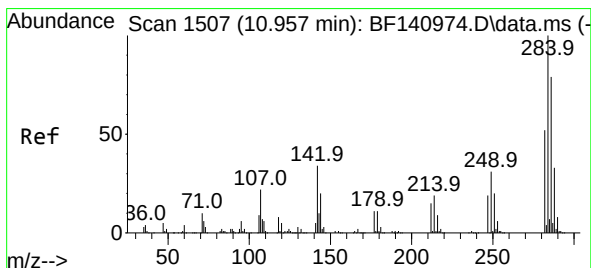
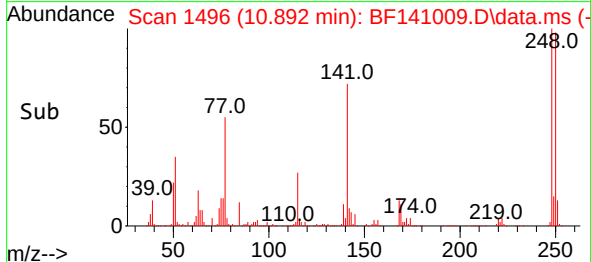
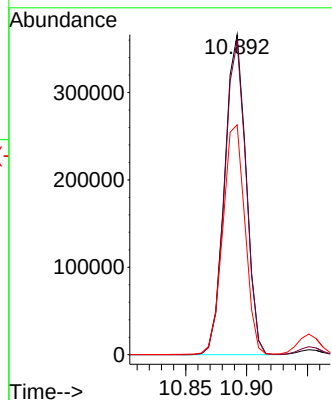
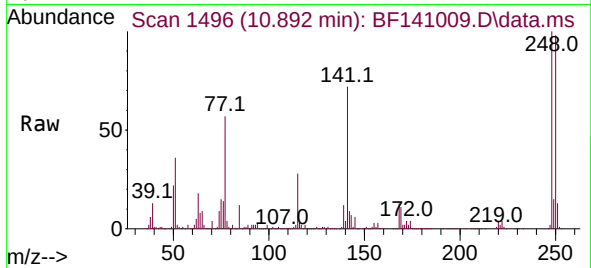




#67
4-Bromophenyl-phenylether
Concen: 59.541 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

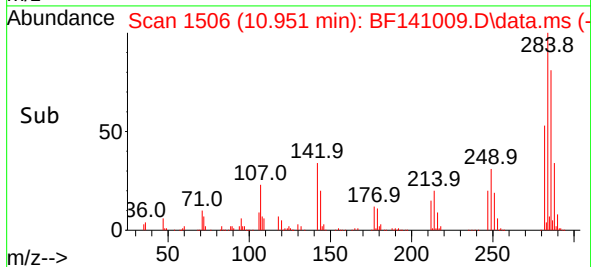
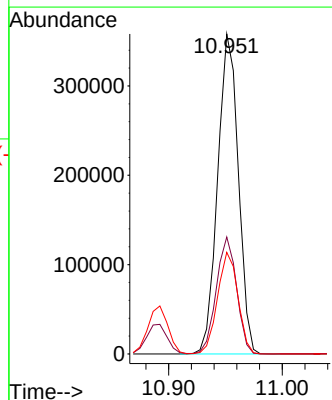
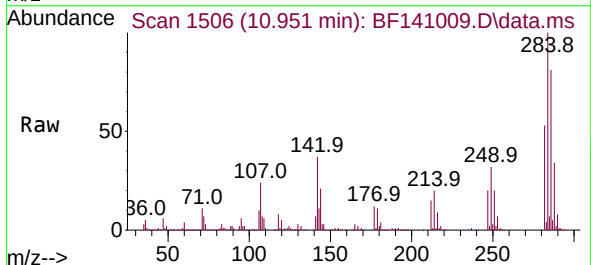
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

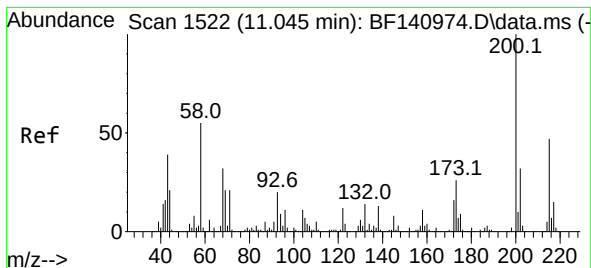
Tgt Ion:248 Resp: 448602
Ion Ratio Lower Upper
248 100
250 97.9 77.7 116.5
141 71.9 62.1 93.1



#68
Hexachlorobenzene
Concen: 54.554 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:284 Resp: 453218
Ion Ratio Lower Upper
284 100
142 36.6 27.1 40.7
249 31.8 25.1 37.7





#69

Atrazine

Concen: 68.814 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

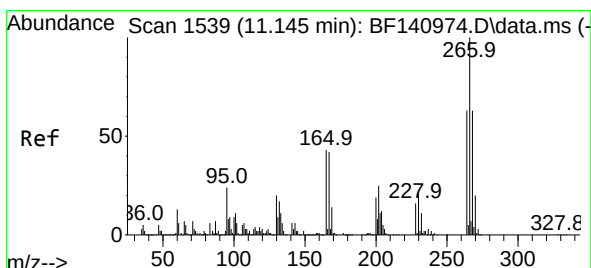
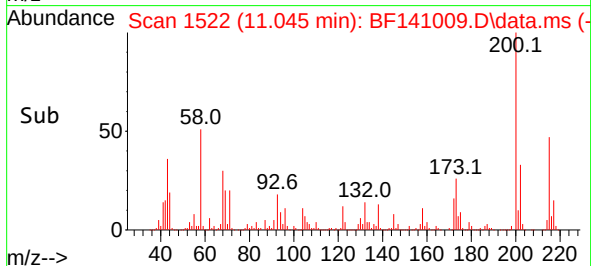
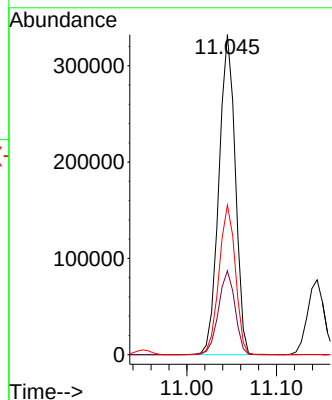
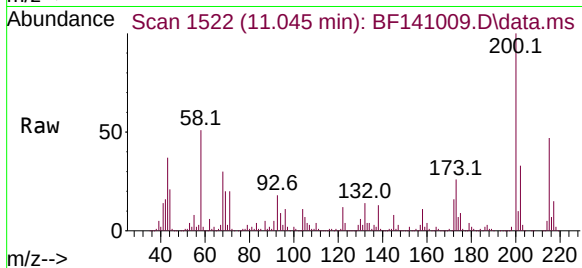
Tgt Ion:200 Resp: 421923

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

215 46.8 27.2 67.2



#70

Pentachlorophenol

Concen: 103.129 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

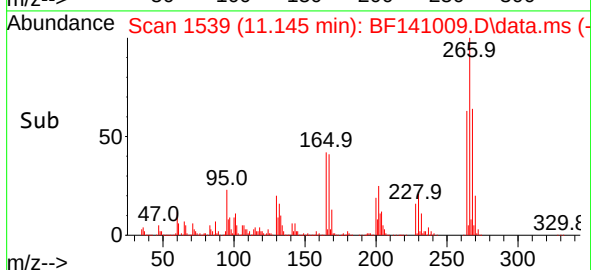
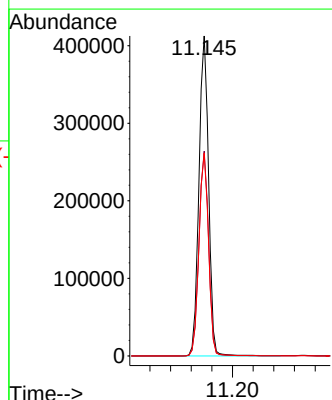
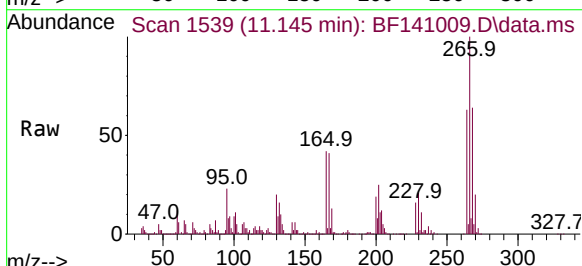
Tgt Ion:266 Resp: 533433

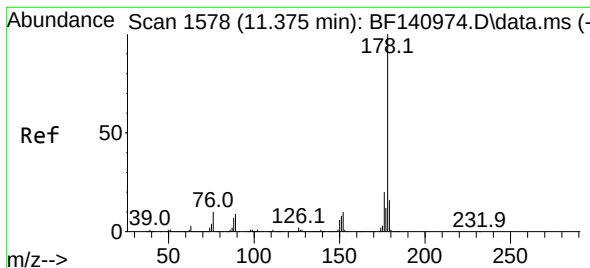
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.4 50.2 75.4





#71

Phenanthrene

Concen: 59.058 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

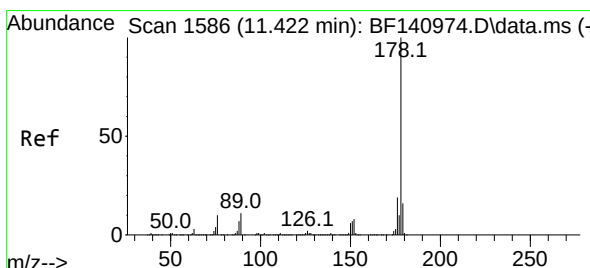
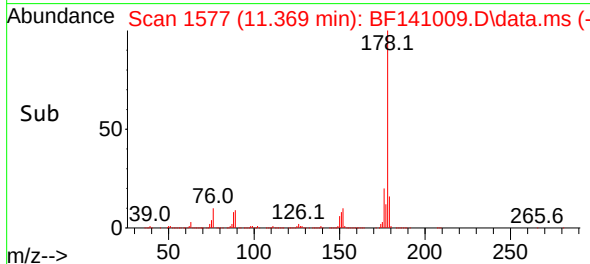
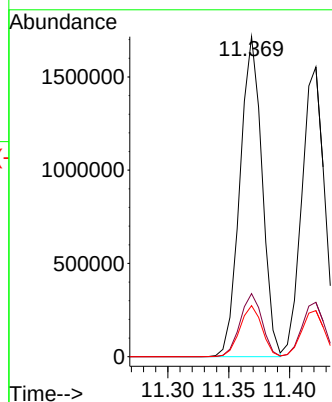
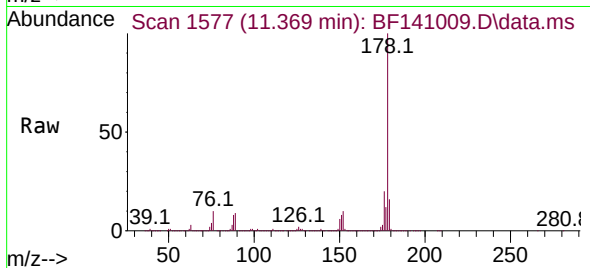
Tgt Ion:178 Resp: 2166367

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 16.0 12.6 19.0



#72

Anthracene

Concen: 55.790 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

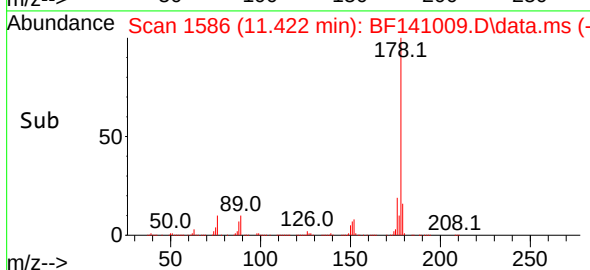
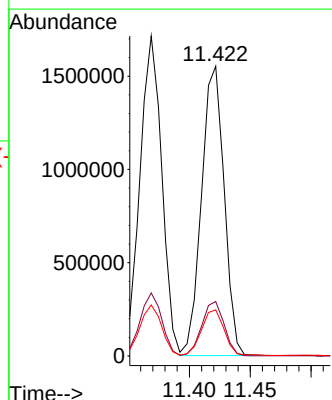
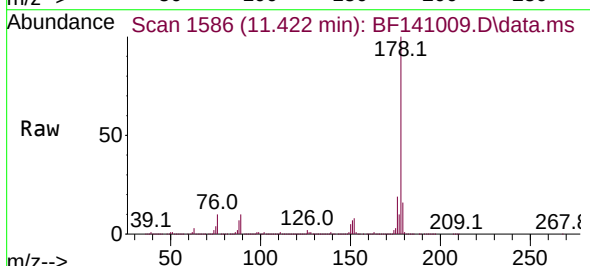
Tgt Ion:178 Resp: 2005310

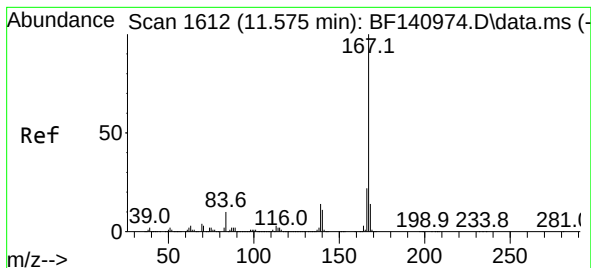
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.9 12.9 19.3





#73

Carbazole

Concen: 49.287 ng

RT: 11.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

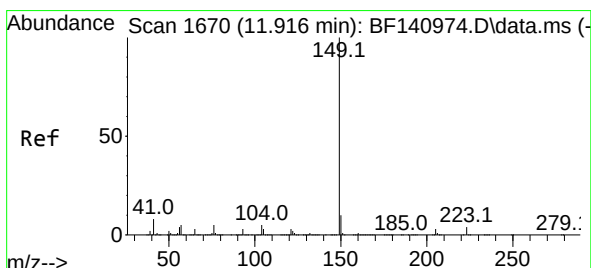
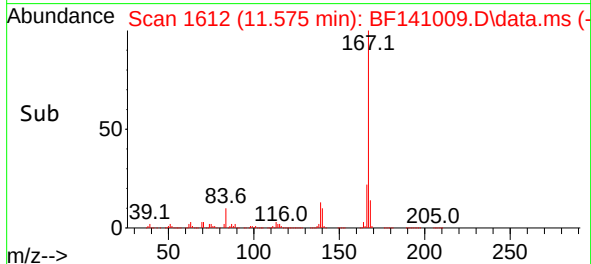
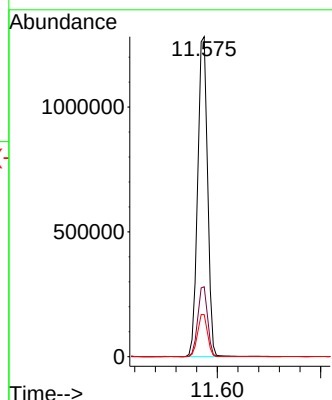
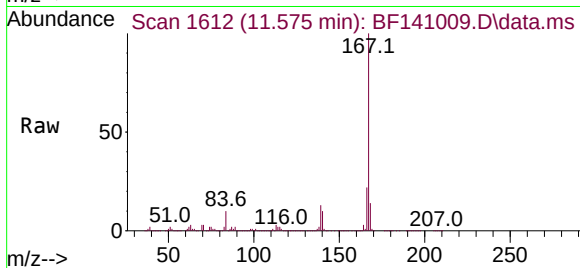
BNA_F

ClientSampleId :

VNJ210MS

Tgt Ion:167 Resp: 1703042

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.1	11.0	16.4



#74

Di-n-butylphthalate

Concen: 53.623 ng

RT: 11.910 min Scan# 1669

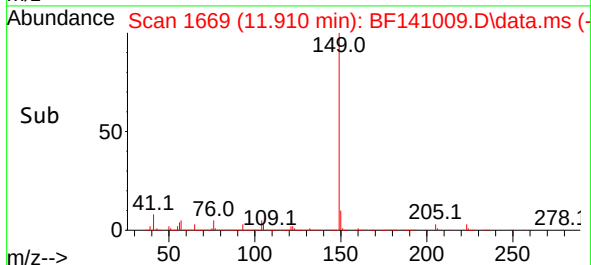
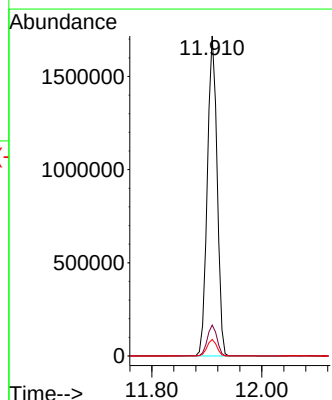
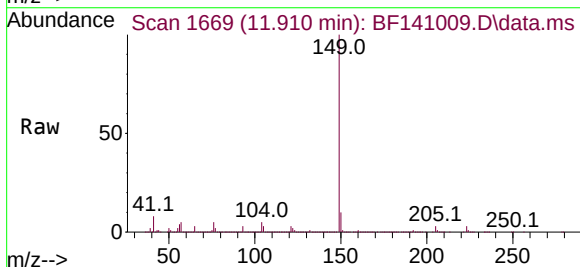
Delta R.T. -0.006 min

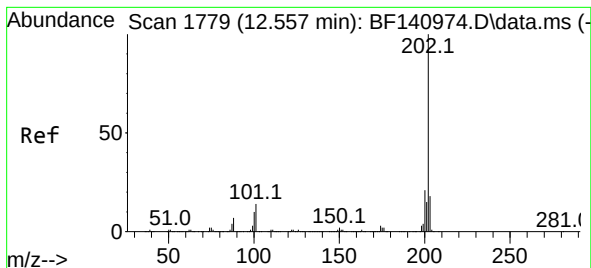
Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Tgt Ion:149 Resp: 2107416

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 56.170 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

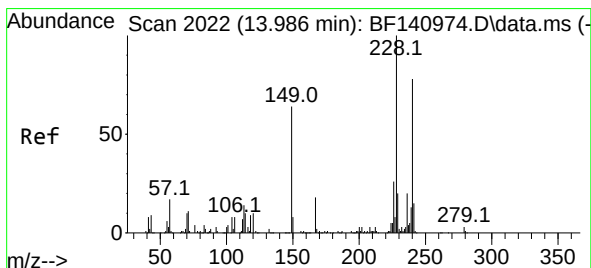
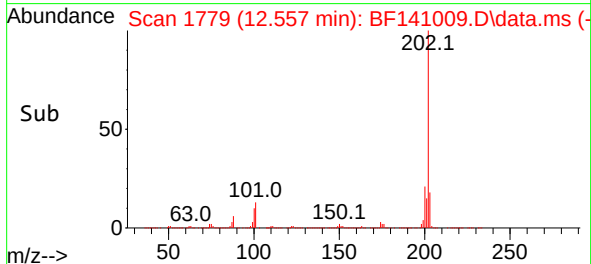
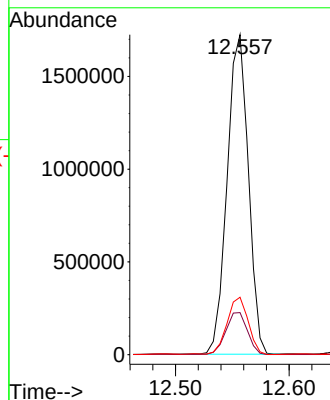
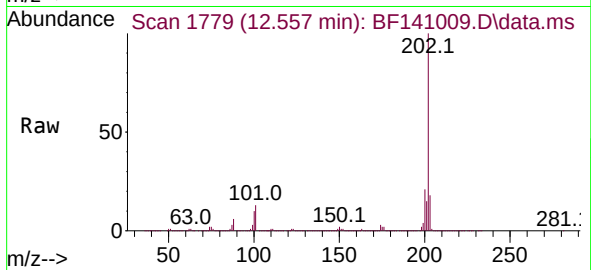
Tgt Ion:202 Resp: 2234642

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.7

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

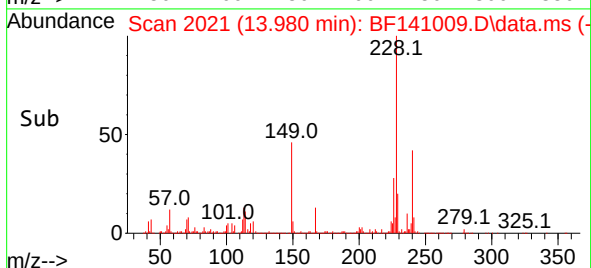
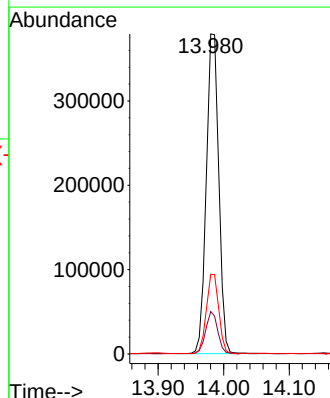
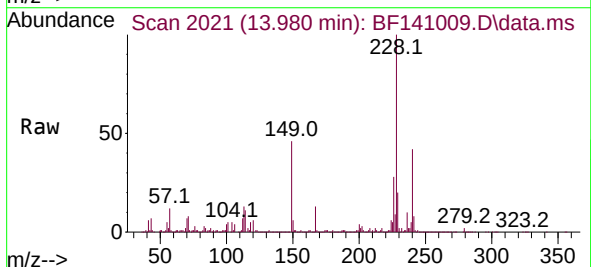
Tgt Ion:240 Resp: 503840

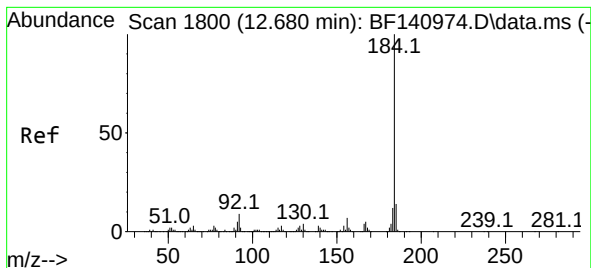
Ion Ratio Lower Upper

240 100

120 13.3 10.7 16.1

236 24.9 20.6 31.0





#77

Benzidine

Concen: 38.143 ng

RT: 12.674 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

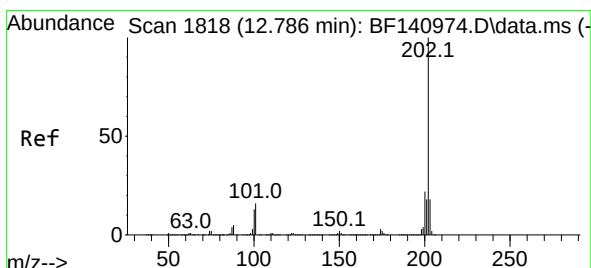
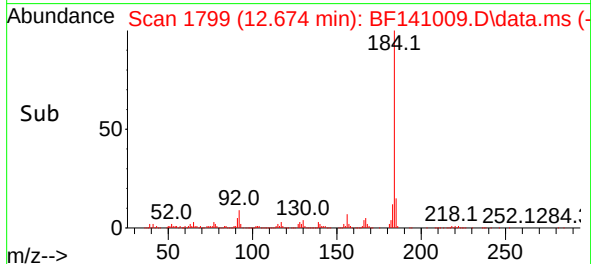
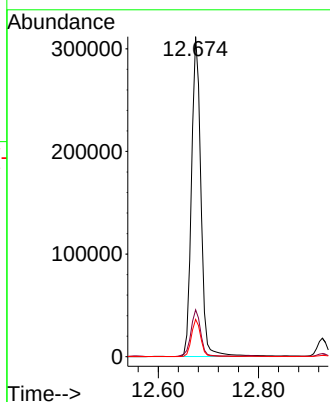
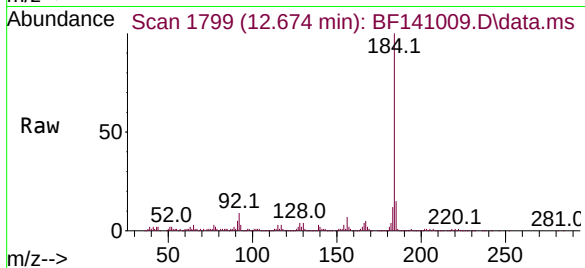
Tgt Ion:184 Resp: 406148

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.6 9.4 14.0



#78

Pyrene

Concen: 53.028 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

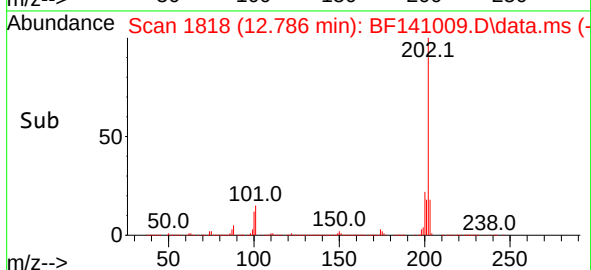
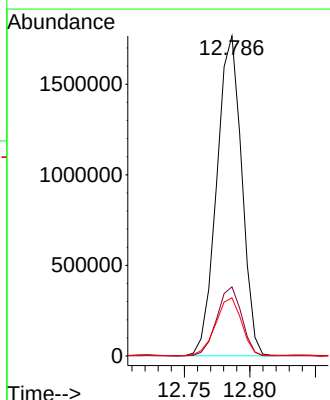
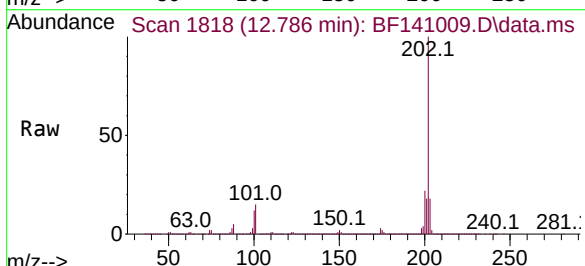
Tgt Ion:202 Resp: 2336681

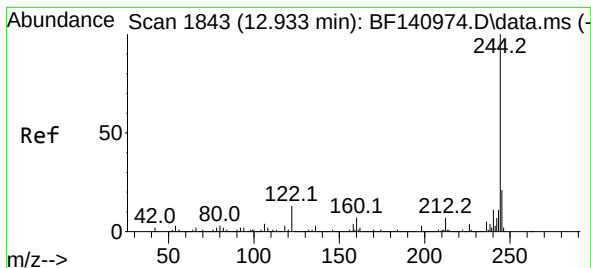
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 56.013 ng

RT: 12.927 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

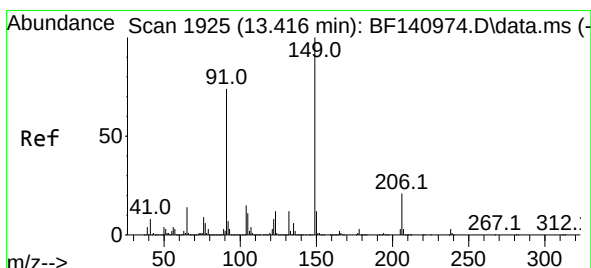
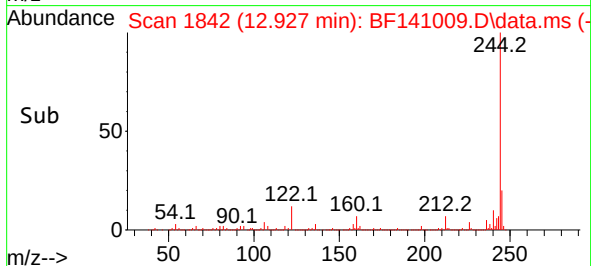
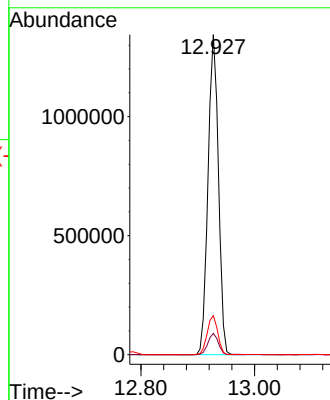
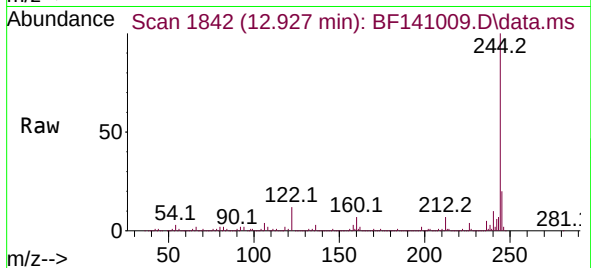
Tgt Ion:244 Resp: 1699088

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 12.2 10.2 15.2



#80

Butylbenzylphthalate

Concen: 50.566 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

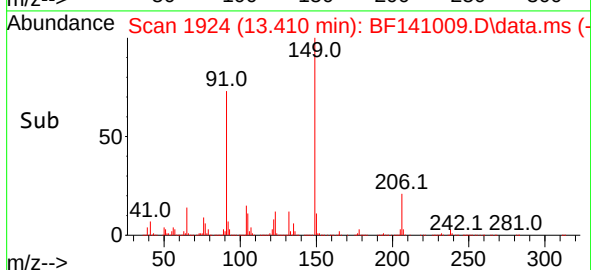
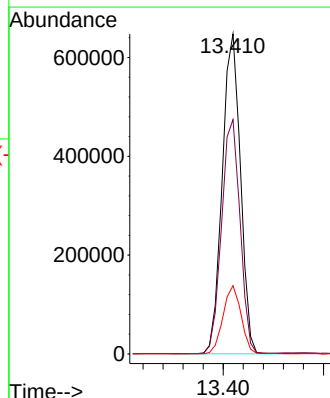
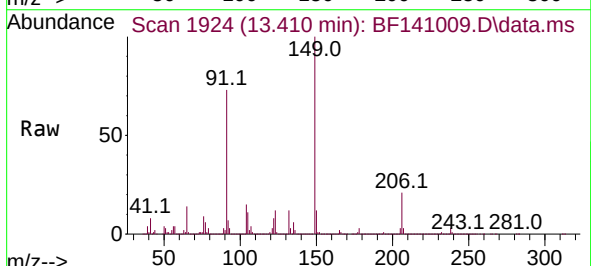
Tgt Ion:149 Resp: 813623

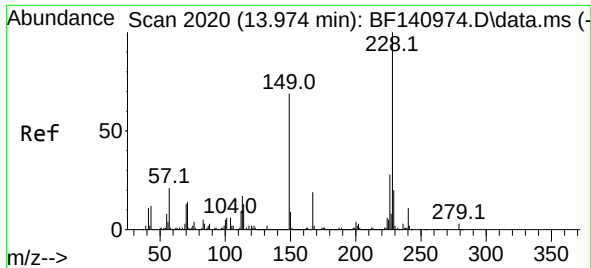
Ion Ratio Lower Upper

149 100

91 73.2 59.5 89.3

206 21.3 17.1 25.7

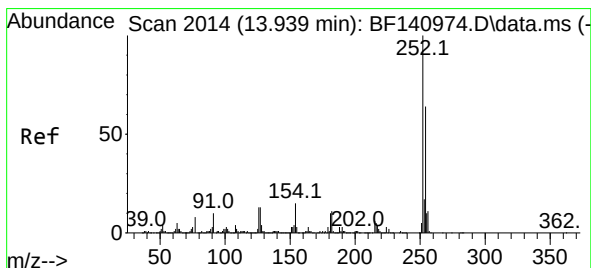
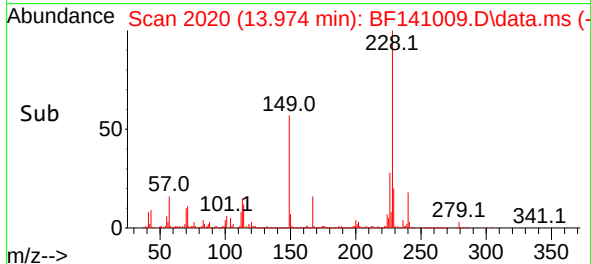
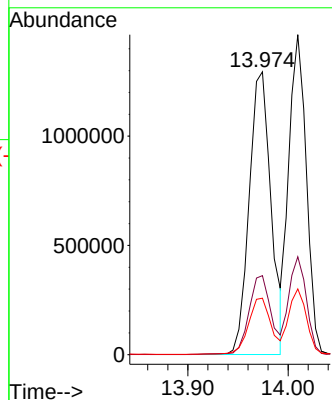
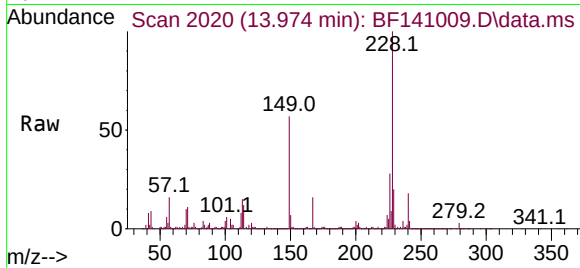




#81
Benzo(a)anthracene
Concen: 55.812 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

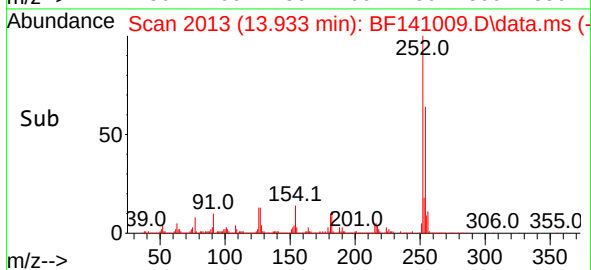
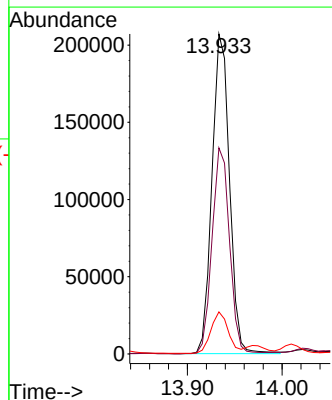
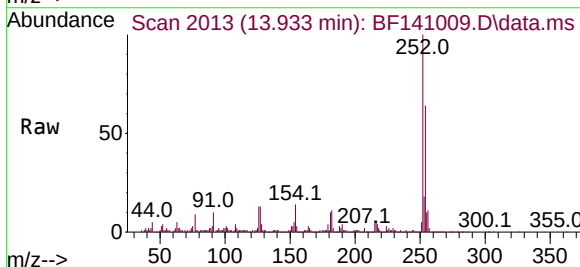
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

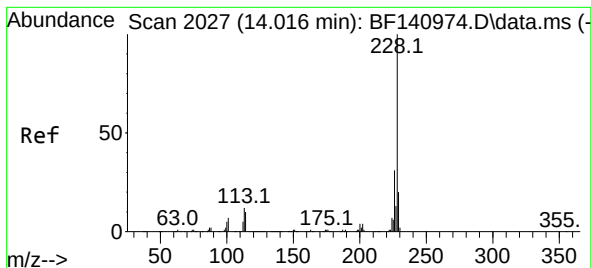
Tgt Ion:228 Resp: 1959825
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.0 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 25.174 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:252 Resp: 265588
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 13.2 10.3 15.5





#83

Chrysene

Concen: 56.129 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

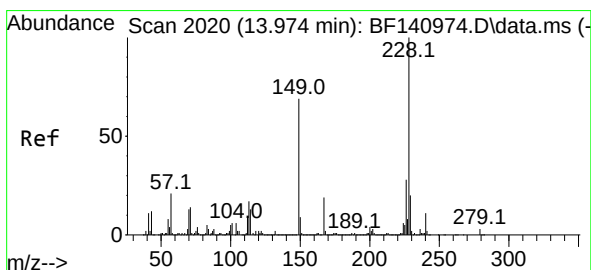
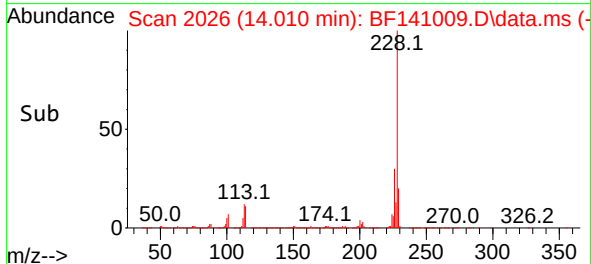
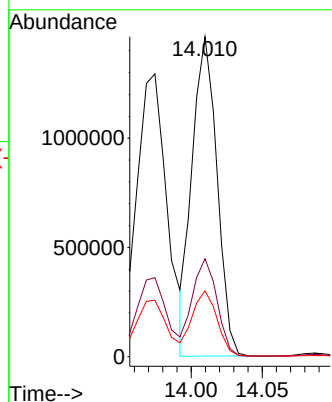
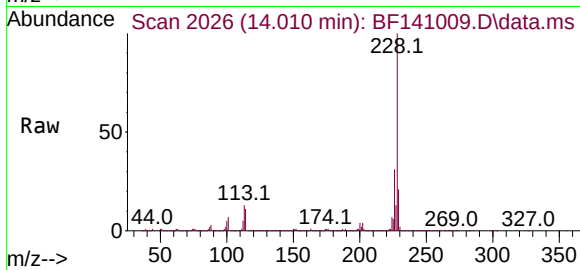
Tgt Ion:228 Resp: 1776748

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.433 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

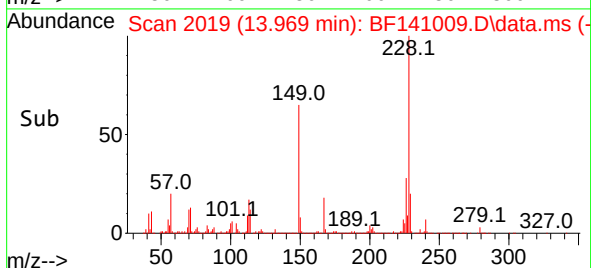
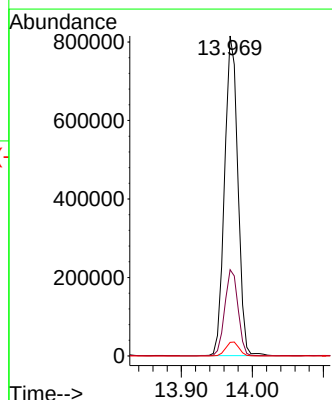
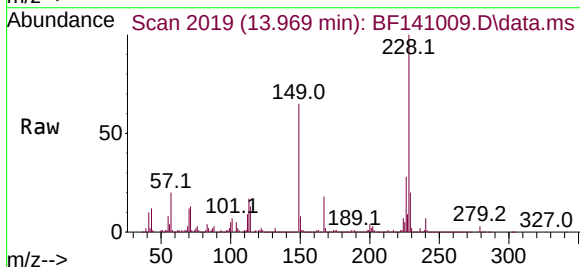
Tgt Ion:149 Resp: 1052611

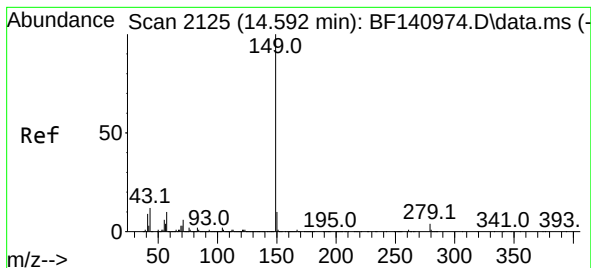
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 61.522 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

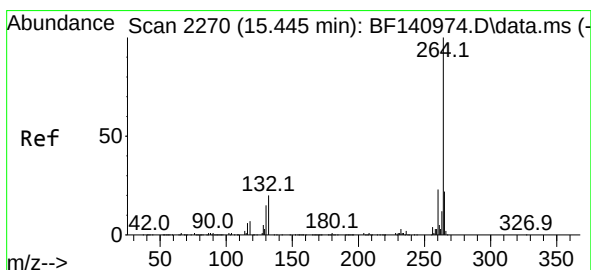
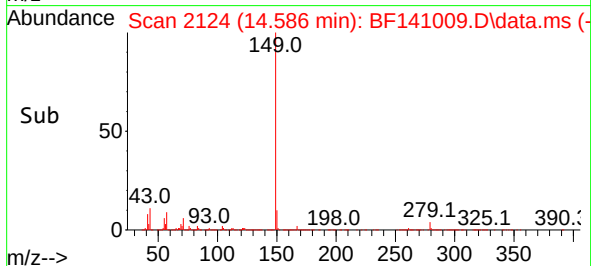
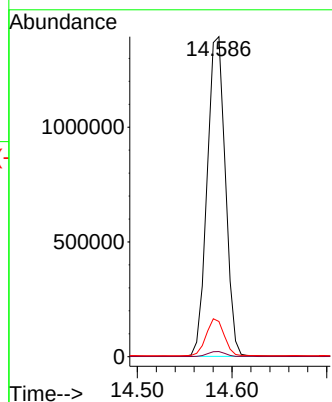
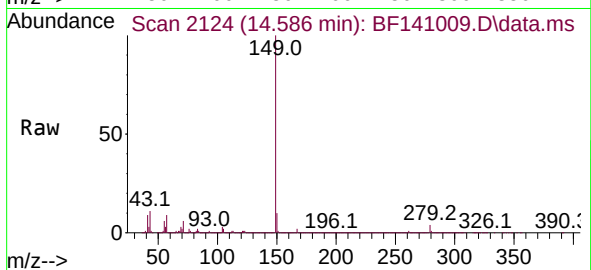
Tgt Ion:149 Resp: 1858467

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.4 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.012 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

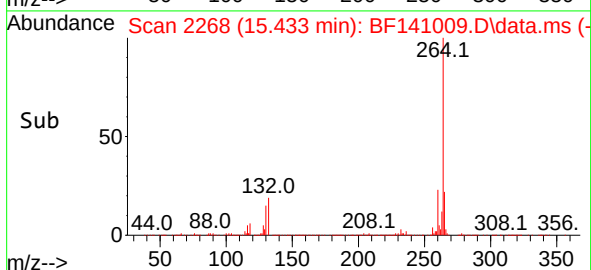
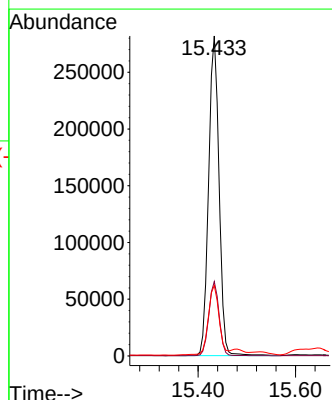
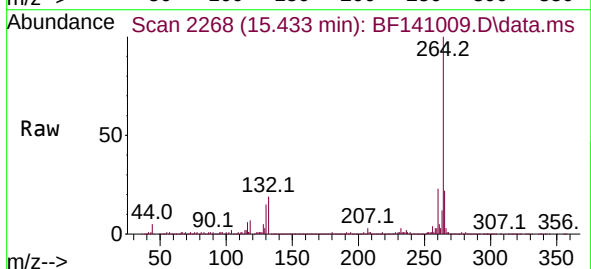
Tgt Ion:264 Resp: 417772

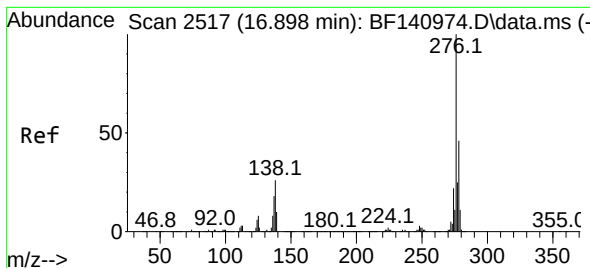
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.357 ng

RT: 16.880 min Scan# 2197

Delta R.T. -0.018 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

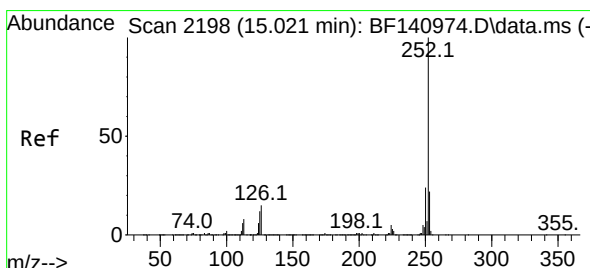
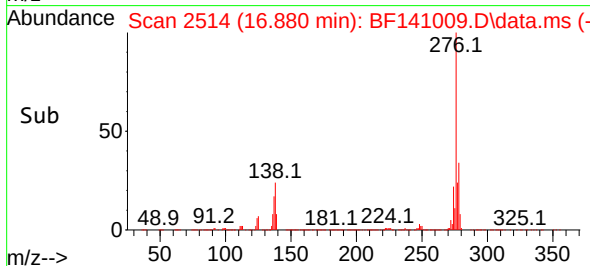
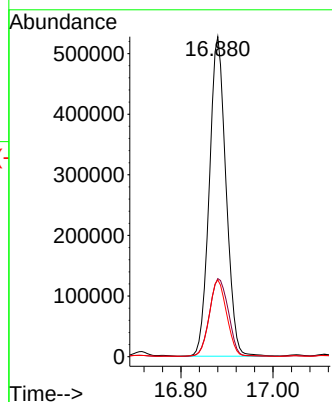
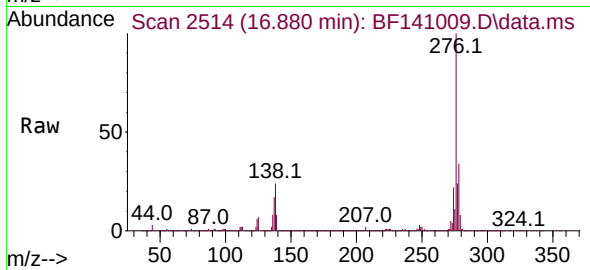
Tgt Ion:276 Resp: 1325431

Ion Ratio Lower Upper

276 100

138 27.5 23.1 34.7

277 25.0 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 59.342 ng

RT: 15.015 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

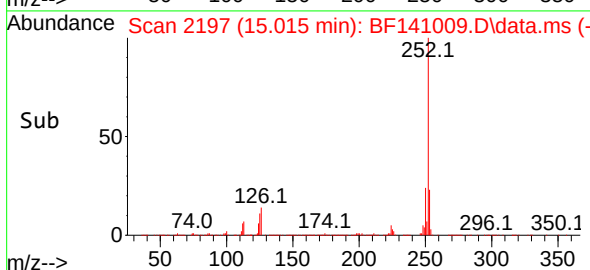
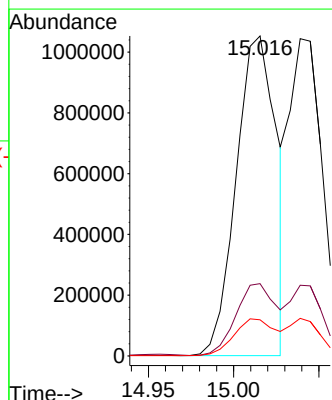
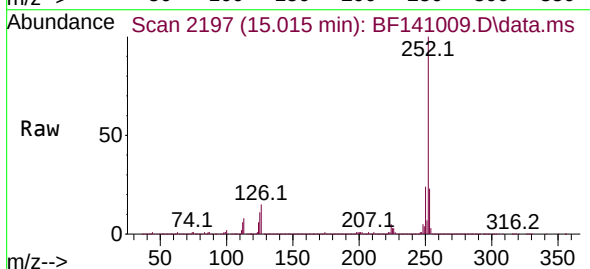
Tgt Ion:252 Resp: 1729059

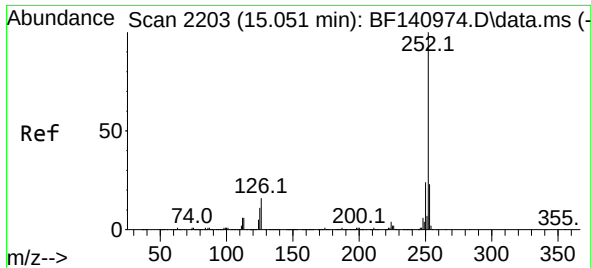
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.3 9.3 13.9

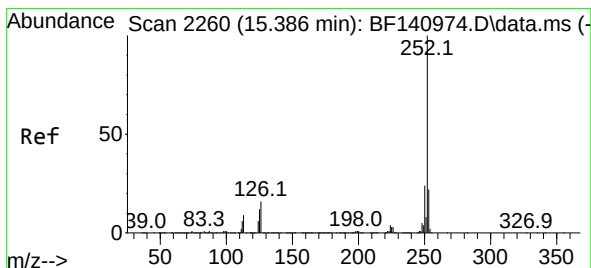
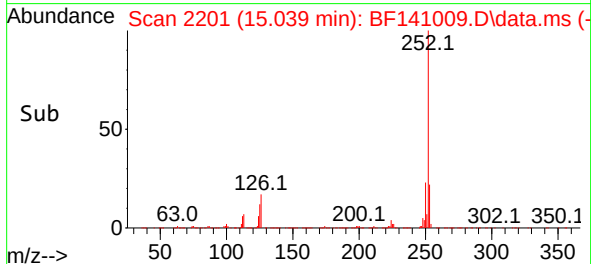
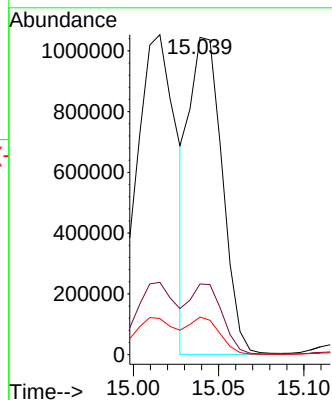
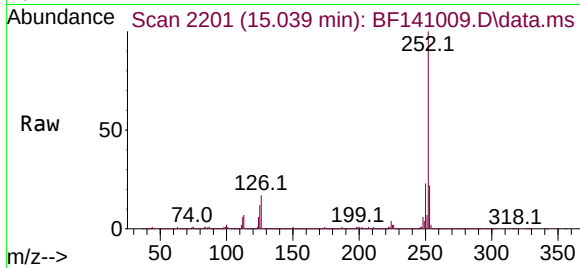




#89
Benzo(k)fluoranthene
Concen: 61.466 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

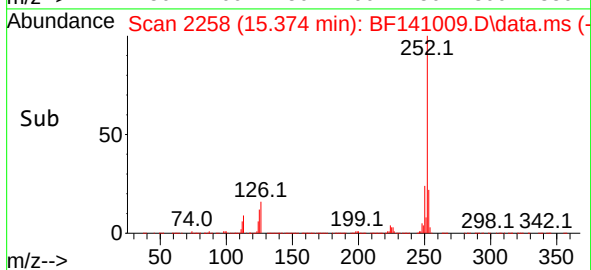
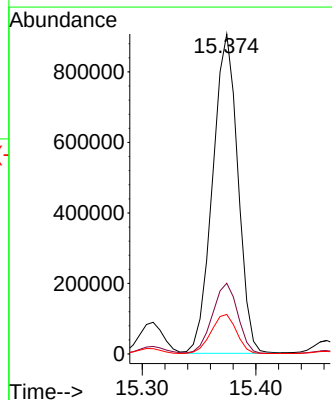
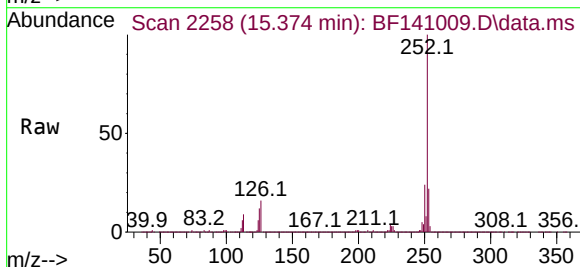
Instrument :
BNA_F
ClientSampleId :
VNJ210MS

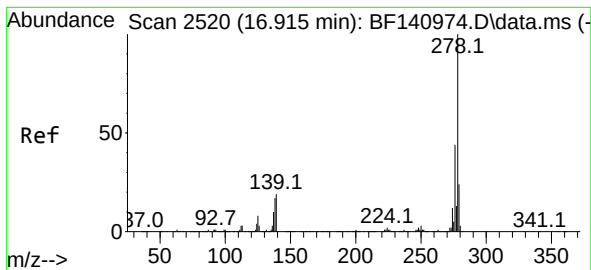
Tgt Ion:252 Resp: 1403670
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.8 9.4 14.0



#90
Benzo(a)pyrene
Concen: 61.828 ng
RT: 15.374 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF141009.D
Acq: 27 Dec 2024 20:51

Tgt Ion:252 Resp: 1398277
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 48.279 ng

RT: 16.898 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Instrument :

BNA_F

ClientSampleId :

VNJ210MS

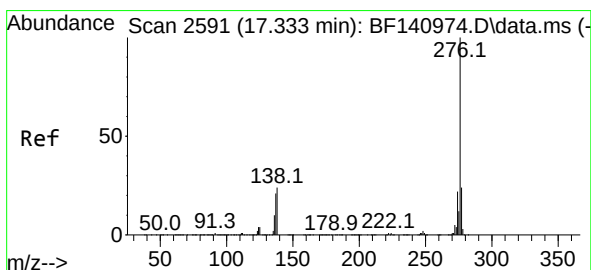
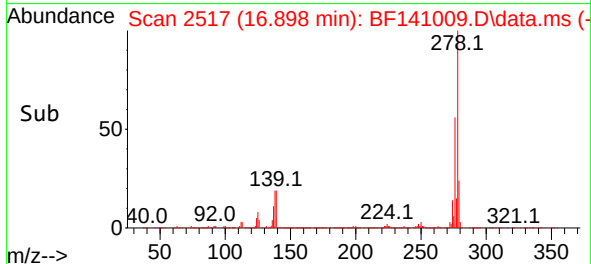
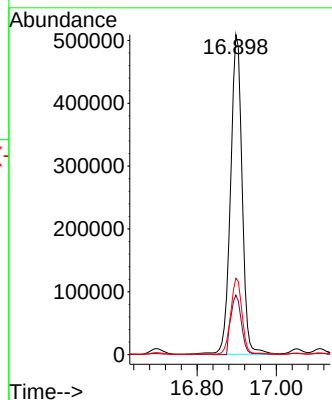
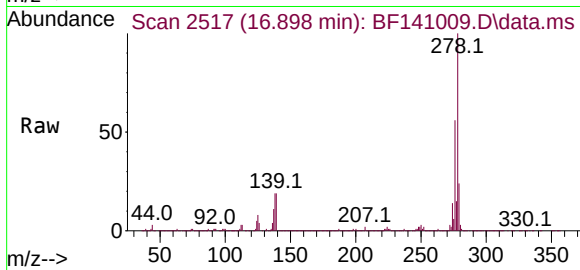
Tgt Ion:278 Resp: 1030067

Ion Ratio Lower Upper

278 100

139 18.6 14.9 22.3

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 45.025 ng

RT: 17.315 min Scan# 2588

Delta R.T. -0.018 min

Lab File: BF141009.D

Acq: 27 Dec 2024 20:51

Tgt Ion:276 Resp: 996351

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 24.2 19.4 29.2

