

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142014.D
 Acq On : 20 Mar 2025 16:36
 Operator : RC/JU
 Sample : Q1606-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251346MSD

Quant Time: Mar 20 17:01:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147102	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	550796	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	256234	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	325130	20.000	ng	0.00
76) Chrysene-d12	14.039	240	319994	20.000	ng	0.00
86) Perylene-d12	15.509	264	363920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	819414	92.967	ng	0.00
7) Phenol-d6	6.498	99	1007064	89.739	ng	0.00
23) Nitrobenzene-d5	7.433	82	657367	67.164	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	266642	82.027	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1203237	71.415	ng	-0.01
79) Terphenyl-d14	12.980	244	899338	41.552	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	171793	46.518	ng	98
3) Pyridine	3.475	79	366789	40.489	ng	98
4) n-Nitrosodimethylamine	3.416	42	179990	41.681	ng	95
6) Aniline	6.534	93	251441	22.713	ng	96
8) 2-Chlorophenol	6.657	128	425604	43.538	ng	100
9) Benzaldehyde	6.422	77	118022	18.804	ng	96
10) Phenol	6.516	94	484431	41.032	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	373835	42.170	ng	99
12) 1,3-Dichlorobenzene	6.816	146	471301	44.658	ng	99
13) 1,4-Dichlorobenzene	6.892	146	475670	44.547	ng	99
14) 1,2-Dichlorobenzene	7.045	146	449134	44.656	ng	98
15) Benzyl Alcohol	7.010	79	368752	40.645	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	421442	39.378	ng	97
17) 2-Methylphenol	7.122	107	325850	41.924	ng	99
18) Hexachloroethane	7.386	117	179568	44.845	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	279926	38.820	ng	99
20) 3+4-Methylphenols	7.275	107	411912	41.375	ng	# 85
22) Acetophenone	7.281	105	631944	47.910	ng	97
24) Nitrobenzene	7.457	77	429587	44.151	ng	98
25) Isophorone	7.692	82	759865	43.921	ng	100
26) 2-Nitrophenol	7.769	139	222682	46.631	ng	99
27) 2,4-Dimethylphenol	7.804	122	341826	51.984	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	460444	42.432	ng	100
29) 2,4-Dichlorophenol	8.010	162	339159	41.554	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	398239	44.275	ng	99
31) Naphthalene	8.180	128	1314365	46.455	ng	100
32) Benzoic acid	7.892	122	153574	26.569	ng	99
33) 4-Chloroaniline	8.222	127	124286	12.444	ng	97
34) Hexachlorobutadiene	8.292	225	270882	46.180	ng	99
35) Caprolactam	8.586	113	96755	38.883	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	338073	37.132	ng	98
37) 2-Methylnaphthalene	8.869	142	761475	40.265	ng	100
38) 1-Methylnaphthalene	8.969	142	727594	39.869	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	440030	56.405	ng	98
41) Hexachlorocyclopentadiene	9.022	237	434799	142.412	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	233873	45.871	ng	100

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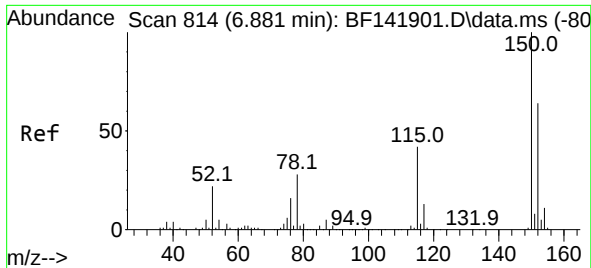
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	234133	45.342	ng	98
46) 1,1'-Biphenyl	9.333	154	1044845	53.667	ng	100
47) 2-Chloronaphthalene	9.357	162	705020	48.585	ng	98
48) 2-Nitroaniline	9.451	65	182859	43.521	ng	97
49) Acenaphthylene	9.774	152	1001988	46.530	ng	100
50) Dimethylphthalate	9.627	163	808047	45.033	ng	100
51) 2,6-Dinitrotoluene	9.692	165	161174	43.141	ng	93
52) Acenaphthene	9.945	154	700035	46.258	ng	99
53) 3-Nitroaniline	9.857	138	95358	25.163	ng	99
54) 2,4-Dinitrophenol	9.963	184	117080	57.198	ng	# 65
55) Dibenzofuran	10.116	168	900897	41.663	ng	98
56) 4-Nitrophenol	10.016	139	199346	69.753	ng	95
57) 2,4-Dinitrotoluene	10.092	165	208249	42.678	ng	97
58) Fluorene	10.457	166	669722	40.162	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	172799	36.775	ng	97
60) Diethylphthalate	10.327	149	725568	40.553	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	359047	41.299	ng	97
62) 4-Nitroaniline	10.469	138	119671	32.436	ng	96
63) Azobenzene	10.610	77	708458	42.590	ng	94
65) 4,6-Dinitro-2-methylph...	10.498	198	84125	43.403	ng	98
66) n-Nitrosodiphenylamine	10.569	169	562955	53.506	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	204638	50.116	ng	99
68) Hexachlorobenzene	11.004	284	216773	48.404	ng	99
69) Atrazine	11.092	200	193114	59.873	ng	99
70) Pentachlorophenol	11.198	266	245291	88.897	ng	99
71) Phenanthrene	11.421	178	792554	45.131	ng	99
72) Anthracene	11.474	178	810484	46.002	ng	99
73) Carbazole	11.627	167	642992	42.317	ng	99
74) Di-n-butylphthalate	11.957	149	860183	42.665	ng	99
75) Fluoranthene	12.610	202	823113	44.186	ng	99
77) Benzidine	12.727	184	239224	53.583	ng	100
78) Pyrene	12.839	202	860747	31.097	ng	99
80) Butylbenzylphthalate	13.457	149	377964	34.887	ng	97
81) Benzo(a)anthracene	14.027	228	947876	45.141	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	150585	24.816	ng	99
83) Chrysene	14.062	228	839985	44.131	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	561259	37.573	ng	99
85) Di-n-octyl phthalate	14.627	149	1057051	50.858	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	788010	33.473	ng	97
88) Benzo(b)fluoranthene	15.080	252	1015022	40.696	ng	99
89) Benzo(k)fluoranthene	15.109	252	903166	42.314	ng	99
90) Benzo(a)pyrene	15.445	252	890452	45.627	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	632731	32.576	ng	99
92) Benzo(g,h,i)perylene	17.445	276	532750	27.756	ng	98

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

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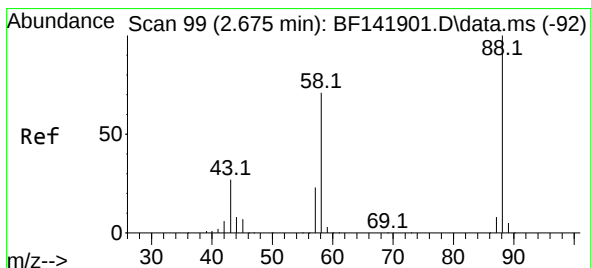
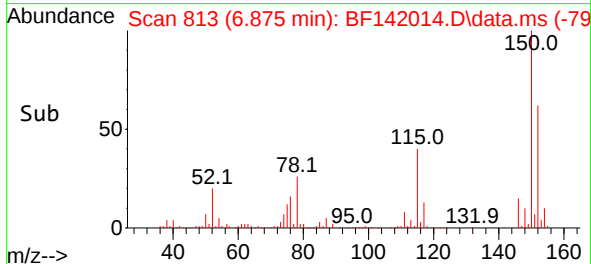
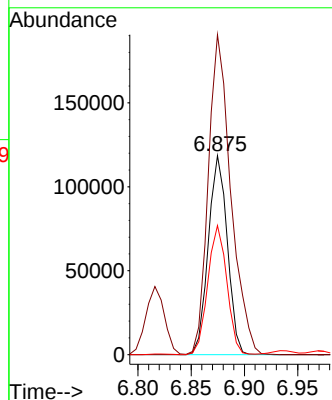
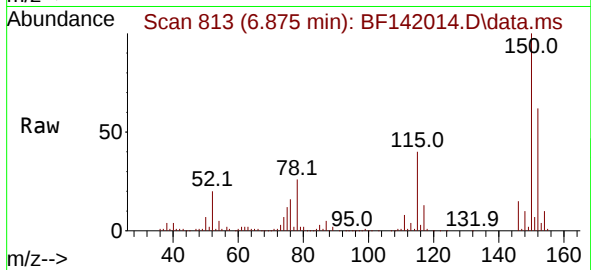




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

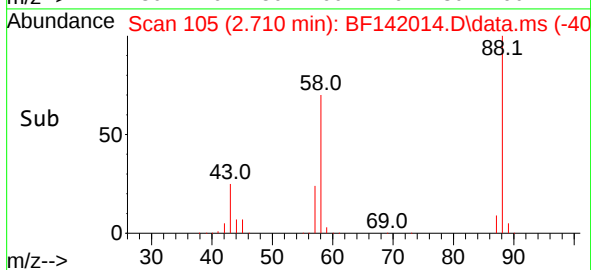
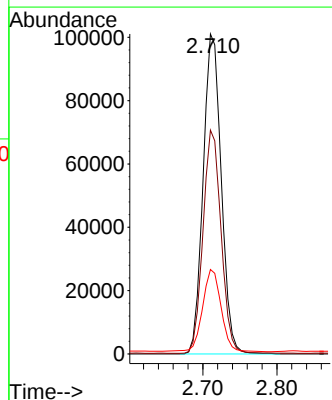
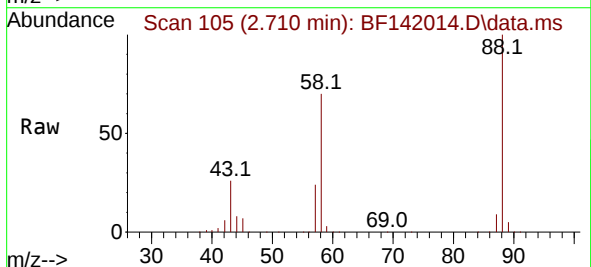
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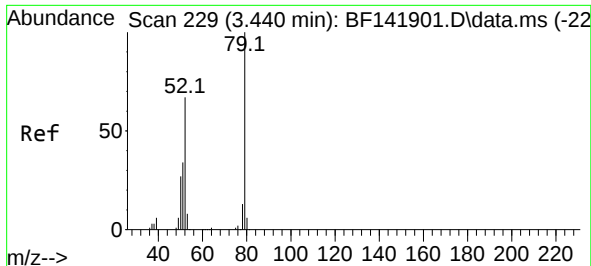
Tgt Ion:152 Resp: 147102
 Ion Ratio Lower Upper
 152 100
 150 160.8 127.4 191.2
 115 64.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 46.518 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.035 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

Tgt Ion: 88 Resp: 171793
 Ion Ratio Lower Upper
 88 100
 58 69.5 57.4 86.2
 43 26.5 21.5 32.3

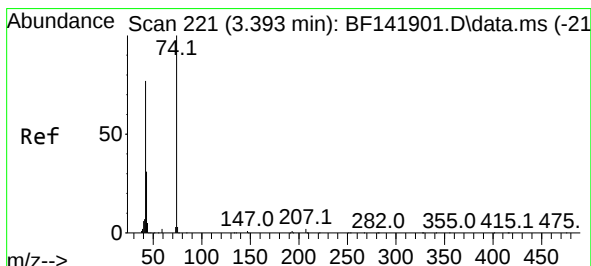
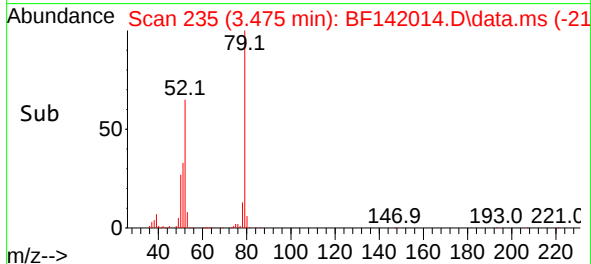
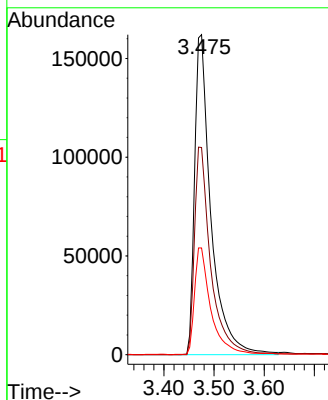
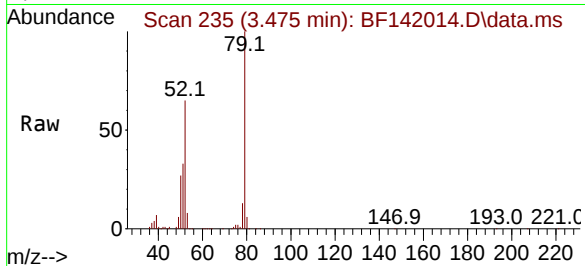




#3
 Pyridine
 Concen: 40.489 ng
 RT: 3.475 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

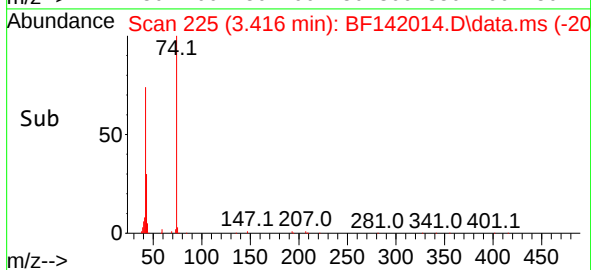
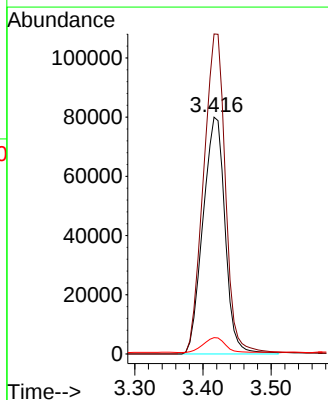
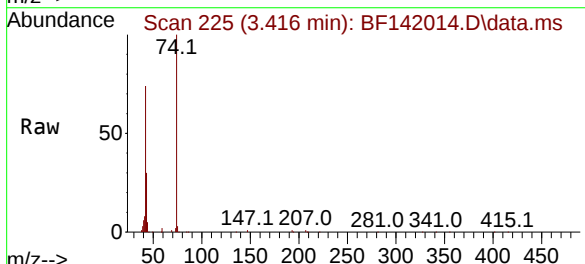
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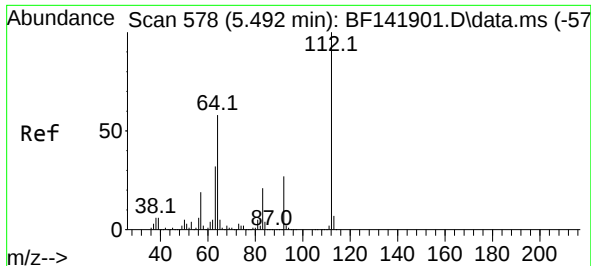
Tgt Ion: 79 Resp: 366789
 Ion Ratio Lower Upper
 79 100
 52 64.8 53.3 79.9
 51 33.4 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 41.681 ng
 RT: 3.416 min Scan# 225
 Delta R.T. 0.023 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

Tgt Ion: 42 Resp: 179990
 Ion Ratio Lower Upper
 42 100
 74 135.1 103.4 155.0
 44 6.9 5.0 7.4

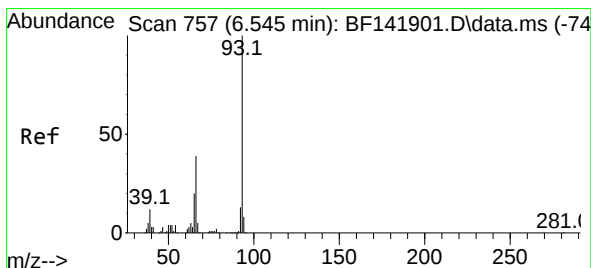
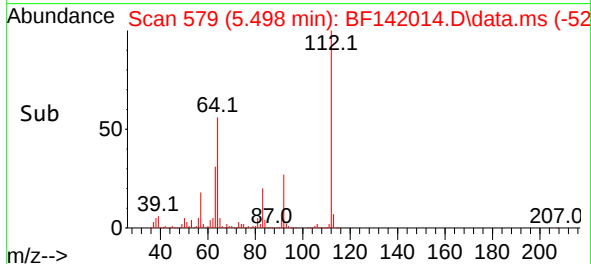
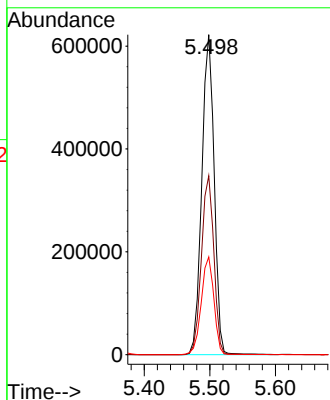
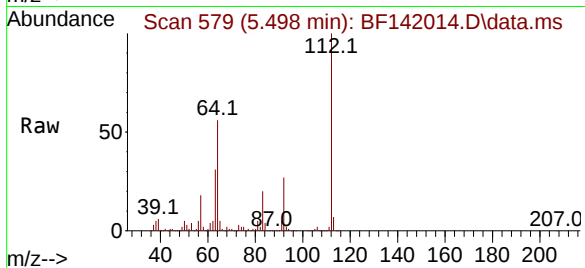




#5
2-Fluorophenol
Concen: 92.967 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

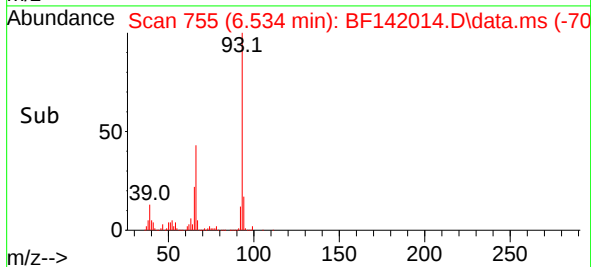
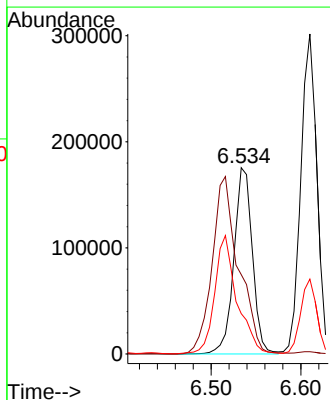
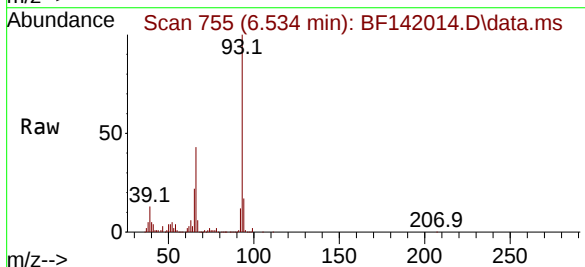
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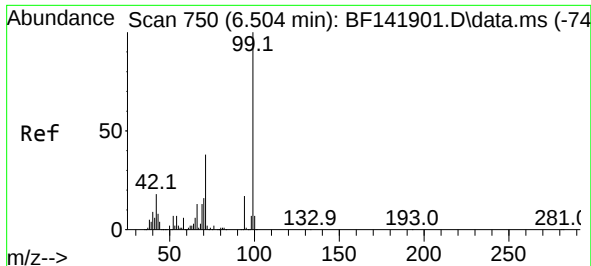
Tgt Ion:112 Resp: 819414
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 30.5 25.4 38.2



#6
Aniline
Concen: 22.713 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 93 Resp: 251441
Ion Ratio Lower Upper
93 100
66 42.6 31.9 47.9
65 21.7 15.8 23.6

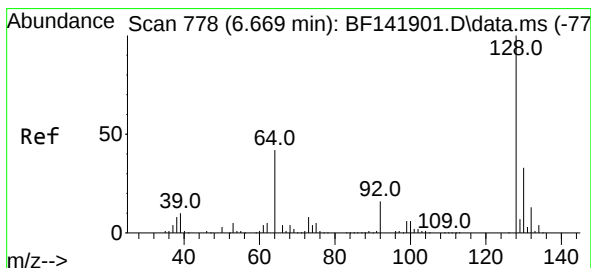
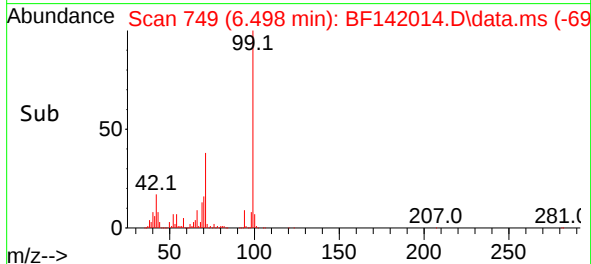
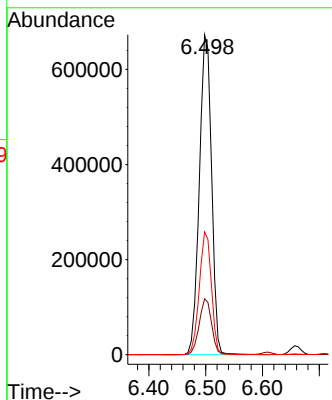
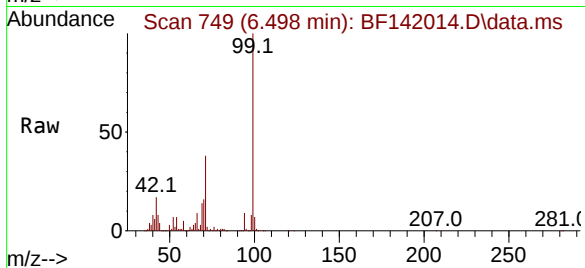




#7
Phenol-d6
Concen: 89.739 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

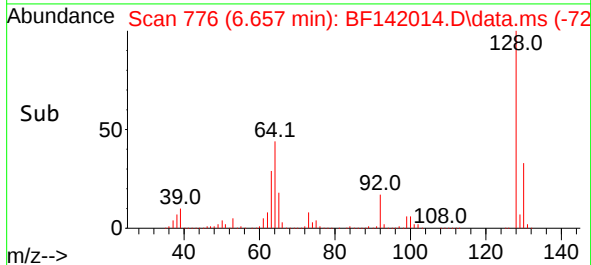
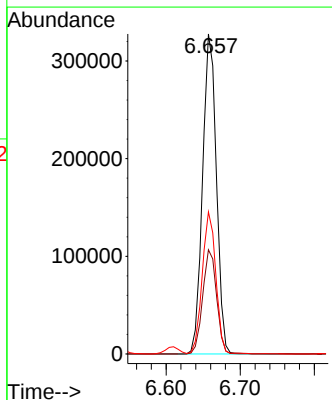
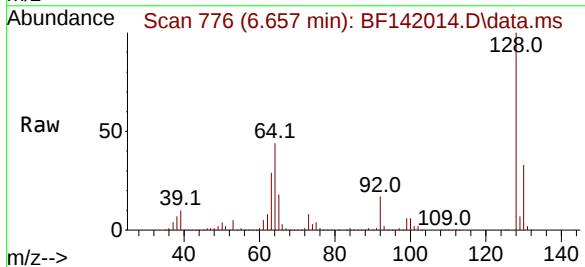
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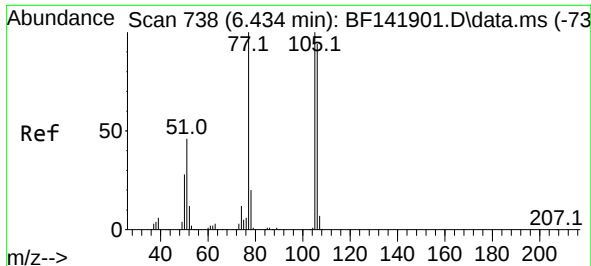
Tgt Ion: 99 Resp: 1007064
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 38.4 30.8 46.2



#8
2-Chlorophenol
Concen: 43.538 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:128 Resp: 425604
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 44.4 24.4 64.4

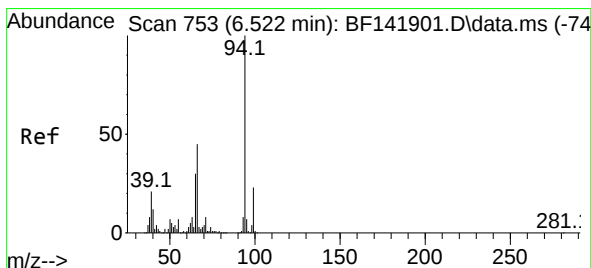
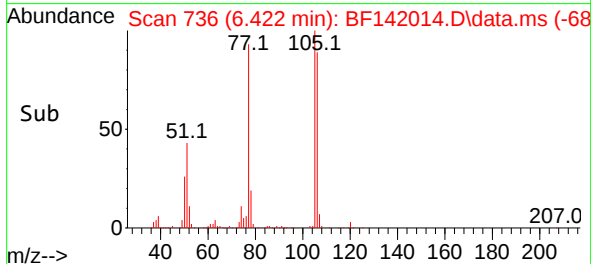
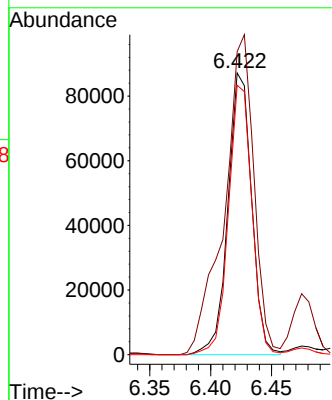
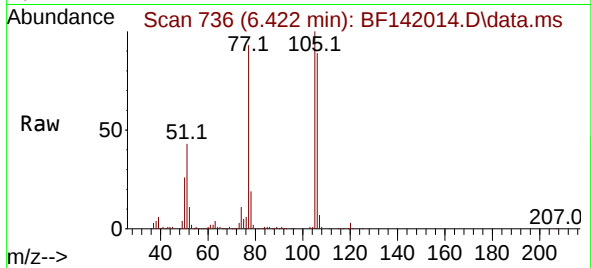




#9
Benzaldehyde
Concen: 18.804 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

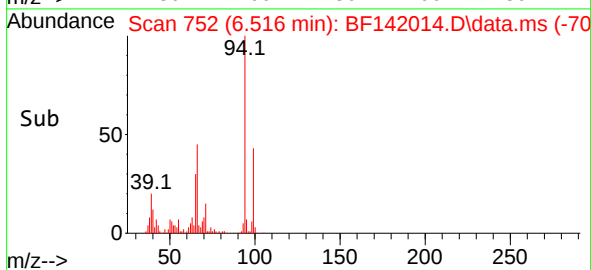
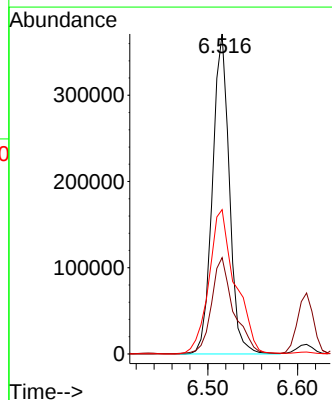
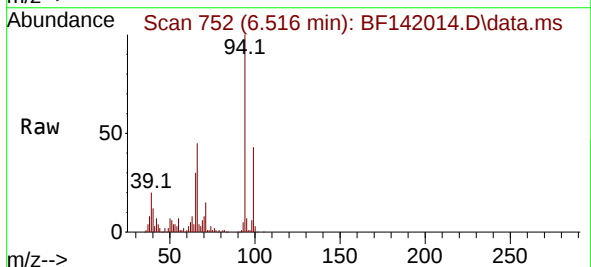
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ClientSampleId :
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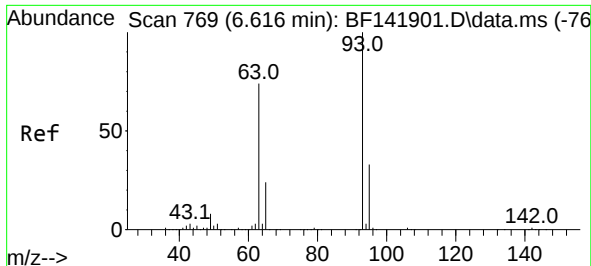
Tgt Ion: 77 Resp: 118022
Ion Ratio Lower Upper
77 100
105 107.6 80.0 120.0
106 95.6 74.5 114.5



#10
Phenol
Concen: 41.032 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 94 Resp: 484431
Ion Ratio Lower Upper
94 100
65 30.1 10.5 50.5
66 45.1 25.8 65.8

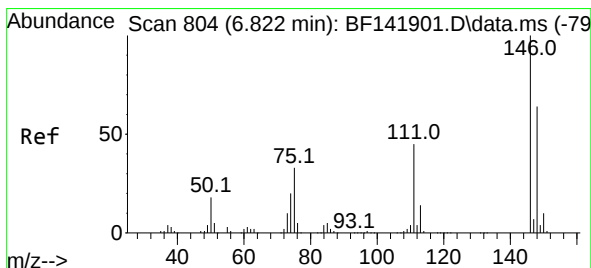
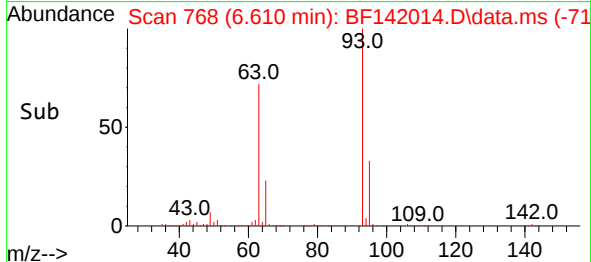
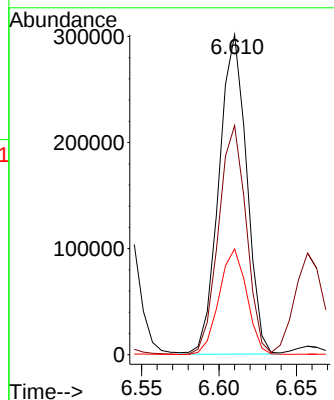
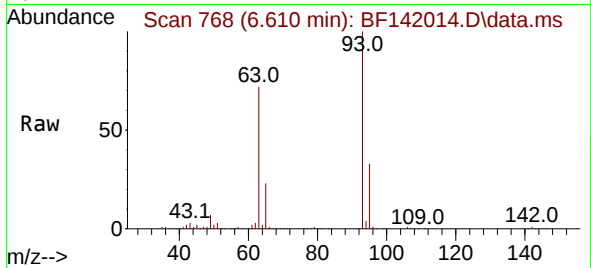




#11
bis(2-Chloroethyl)ether
Concen: 42.170 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

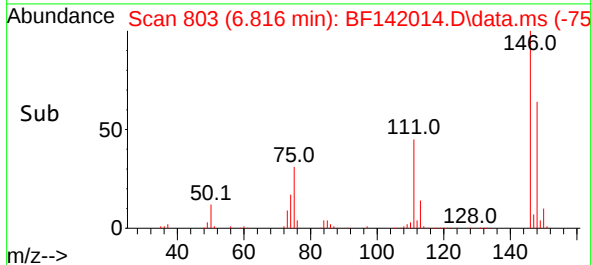
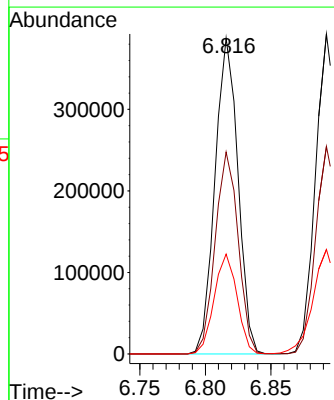
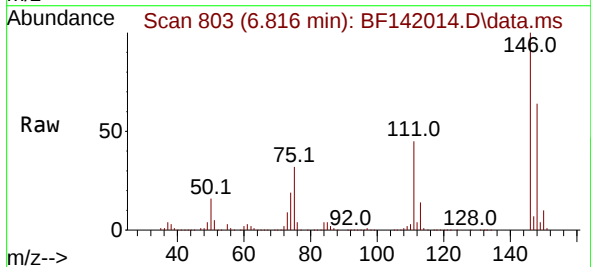
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

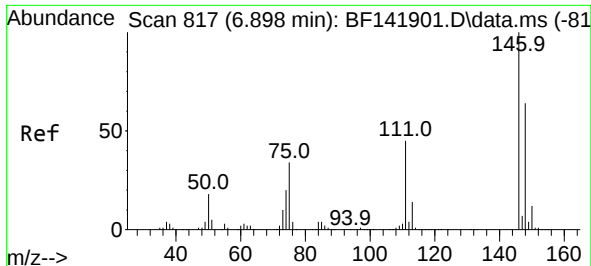
Tgt Ion: 93 Resp: 373835
Ion Ratio Lower Upper
93 100
63 71.6 53.0 93.0
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.658 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 146 Resp: 471301
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 31.6 26.6 40.0

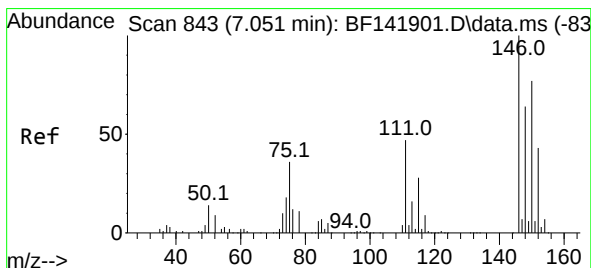
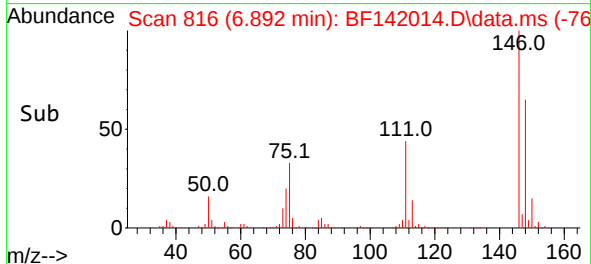
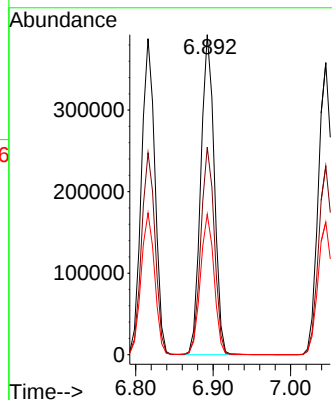
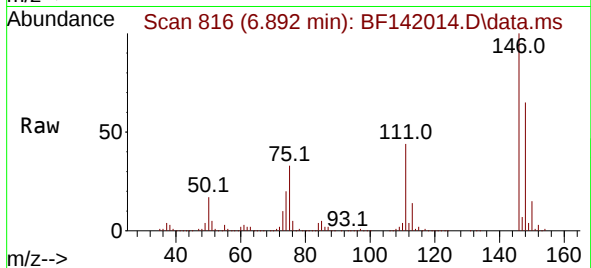




#13
1,4-Dichlorobenzene
Concen: 44.547 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

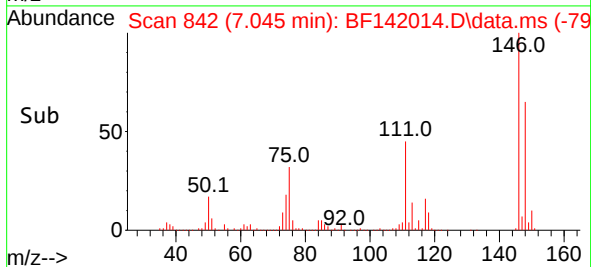
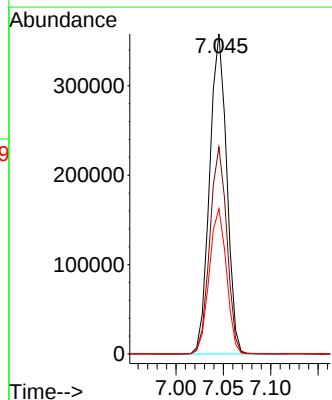
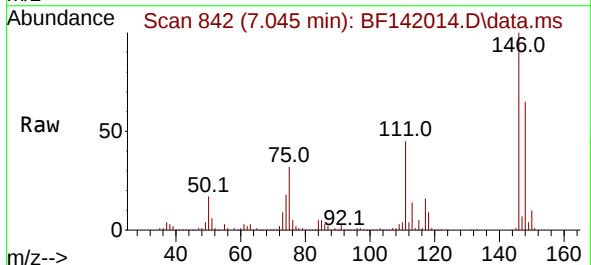
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

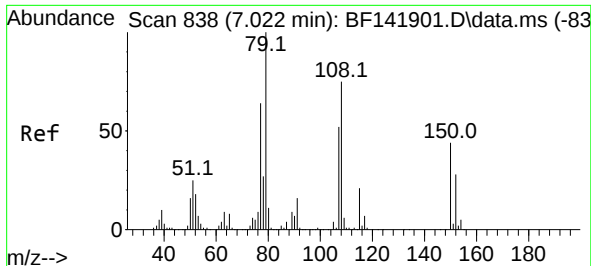
Tgt Ion:146 Resp: 475670
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 43.9 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 44.656 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:146 Resp: 449134
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 45.4 38.0 57.0

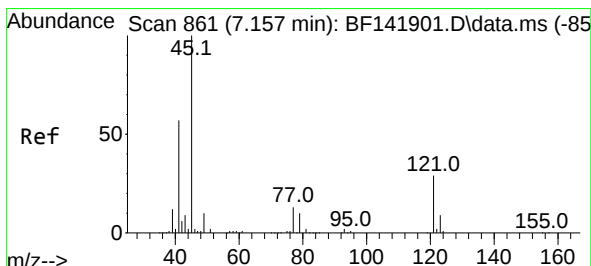
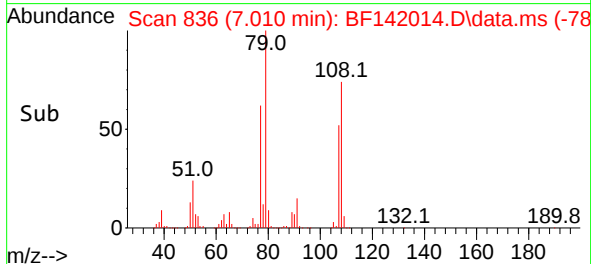
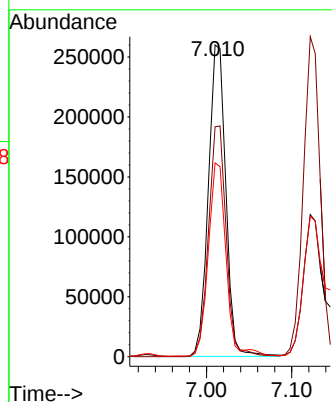
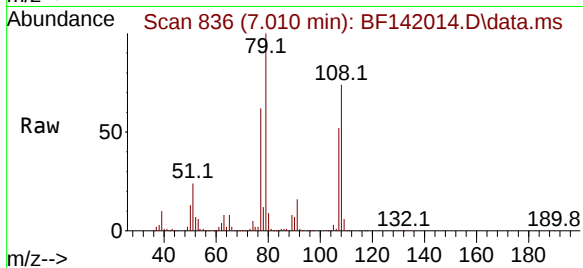




#15
Benzyl Alcohol
Concen: 40.645 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

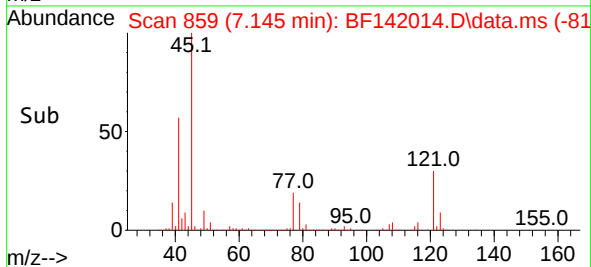
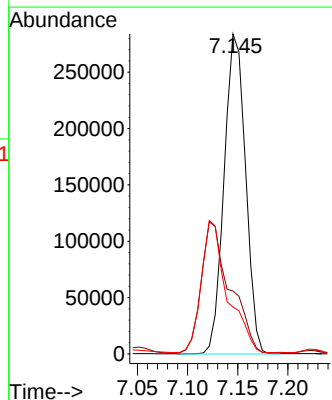
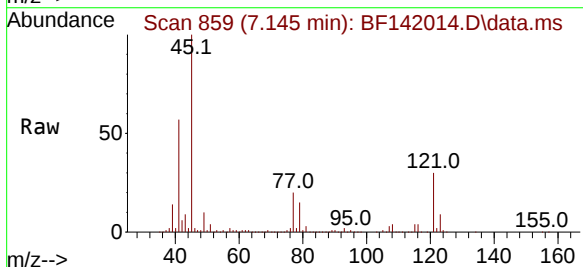
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

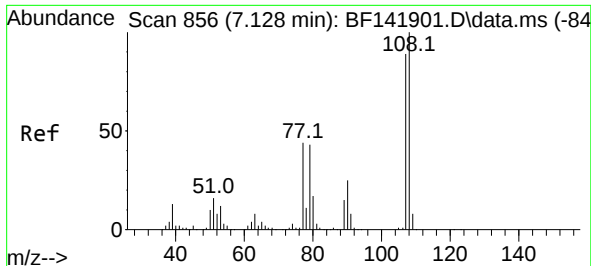
Tgt Ion: 79 Resp: 368752
Ion Ratio Lower Upper
79 100
108 73.7 59.7 89.5
77 62.2 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.378 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 45 Resp: 421442
Ion Ratio Lower Upper
45 100
77 19.6 0.0 37.8
79 14.6 0.0 34.2

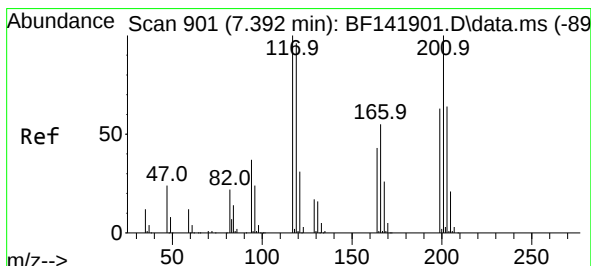
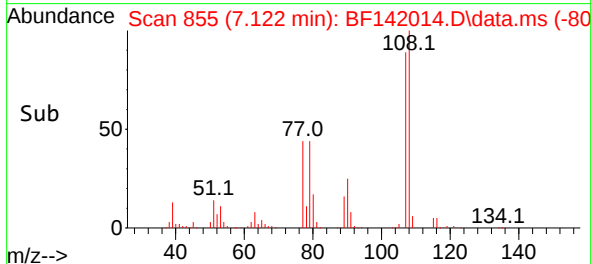
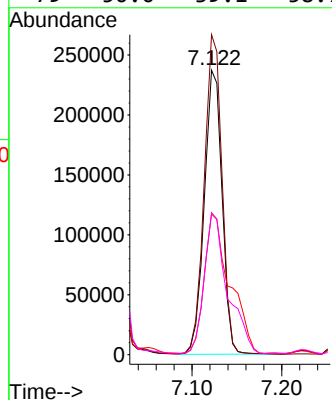
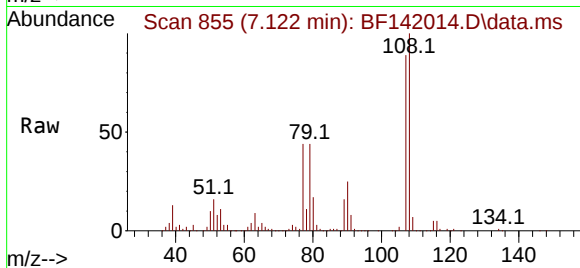




#17
2-Methylphenol
Concen: 41.924 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

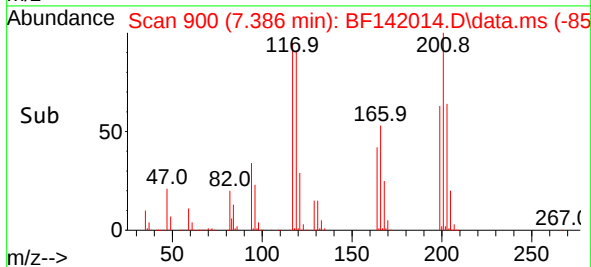
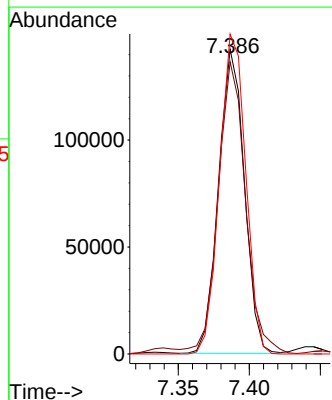
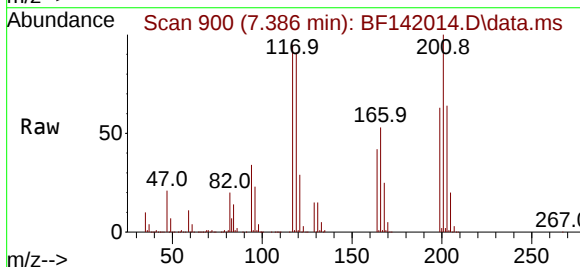
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

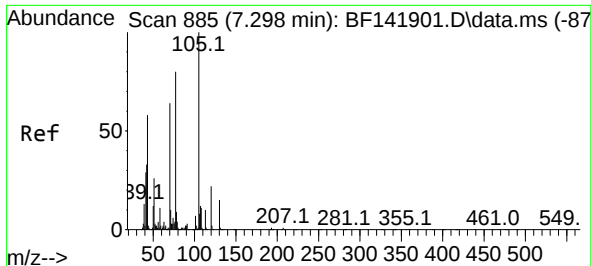
Tgt Ion:	107	Resp:	325850
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.2	135.2
77	49.4	39.6	59.4
79	50.0	39.1	58.7



#18
Hexachloroethane
Concen: 44.845 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:	117	Resp:	179568
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
201	105.0	79.9	119.9

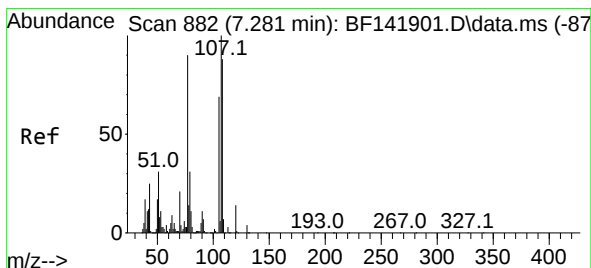
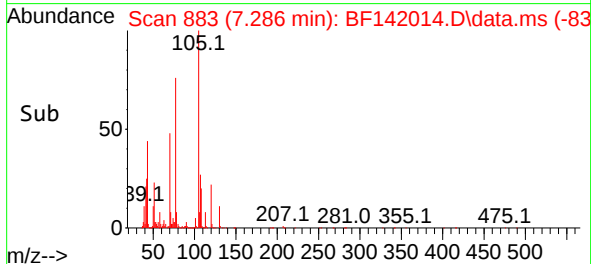
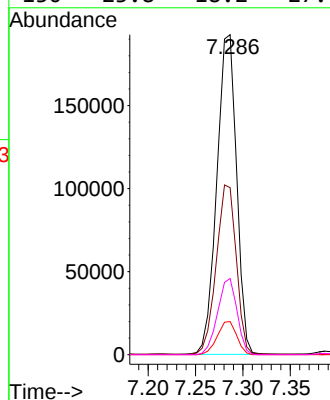
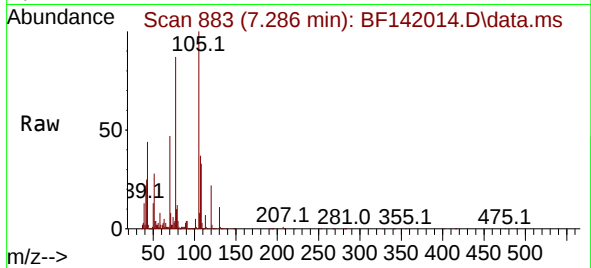




#19
n-Nitroso-di-n-propylamine
Concen: 38.820 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

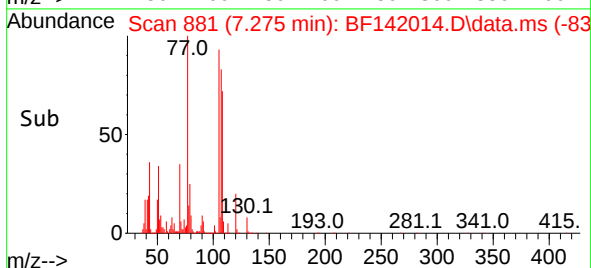
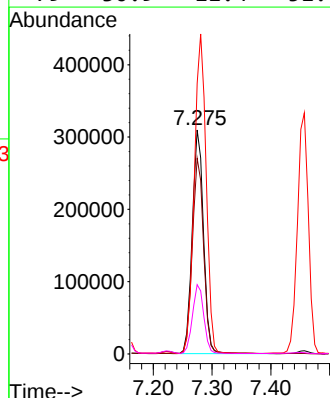
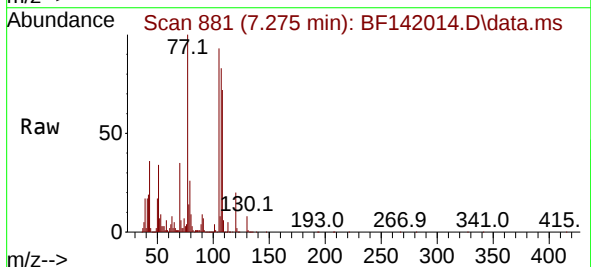
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

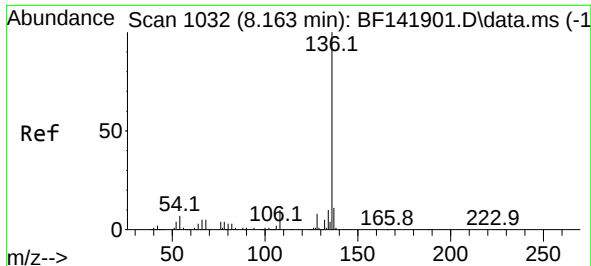
Tgt Ion: 70 Resp: 279926
Ion Ratio Lower Upper
70 100
42 52.2 41.4 62.0
101 10.4 8.2 12.2
130 23.8 18.2 27.4



#20
3+4-Methylphenols
Concen: 41.375 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 107 Resp: 411912
Ion Ratio Lower Upper
107 100
108 87.3 68.4 108.4
77 120.7 69.7 109.7#
79 30.9 11.4 51.4



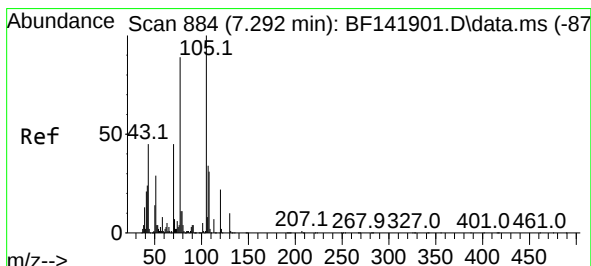
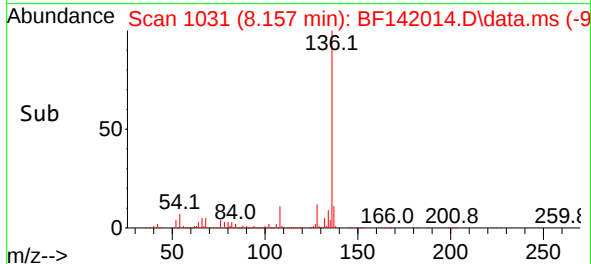
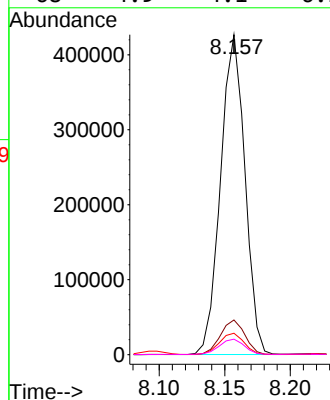
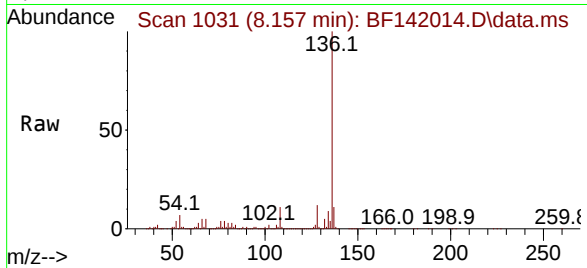


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

Tgt Ion:136 Resp: 550796

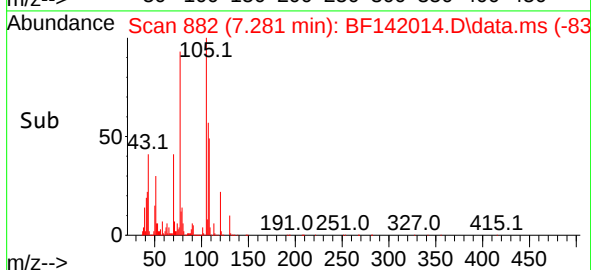
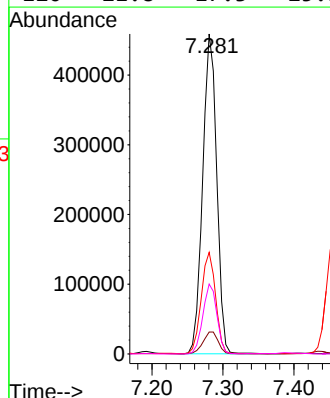
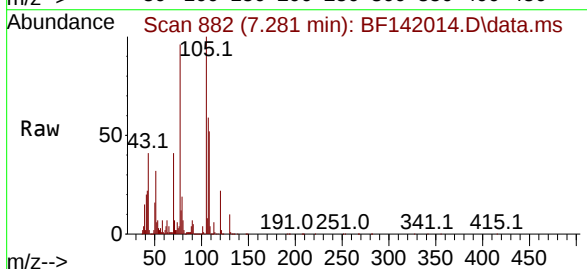
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.8	8.8
68	4.9	4.1	6.1

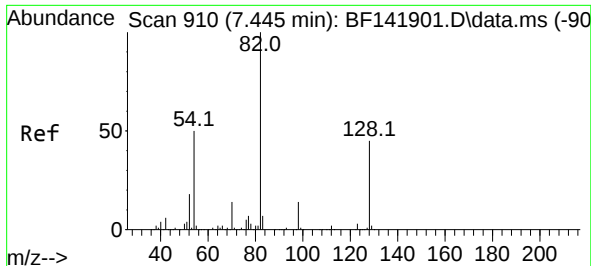


#22
Acetophenone
Concen: 47.910 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:105 Resp: 631944

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.8
51	31.8	23.4	35.0
120	21.8	17.3	25.9





#23

Nitrobenzene-d5

Concen: 67.164 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

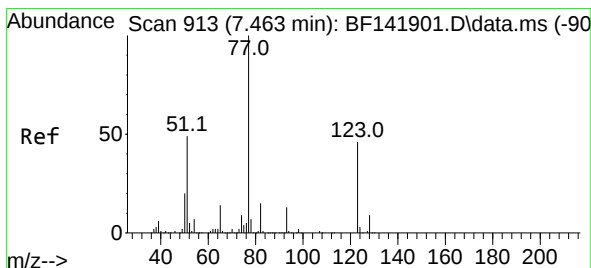
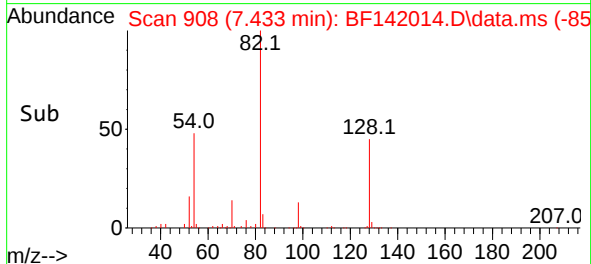
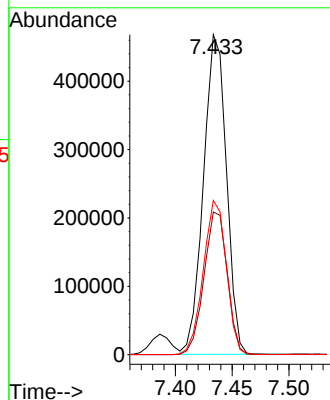
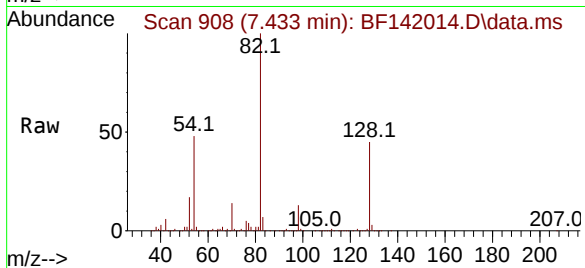
Tgt Ion: 82 Resp: 657367

Ion Ratio Lower Upper

82 100

128 44.6 36.0 54.0

54 48.2 39.6 59.4



#24

Nitrobenzene

Concen: 44.151 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

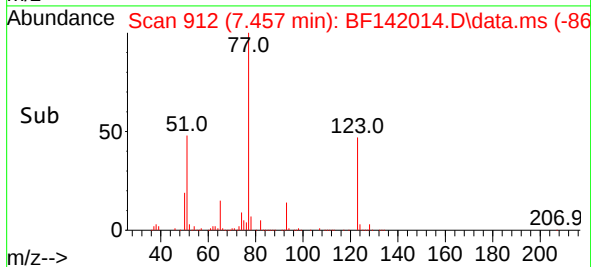
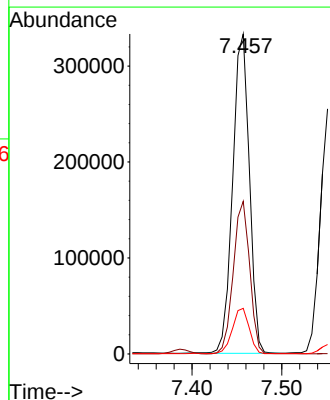
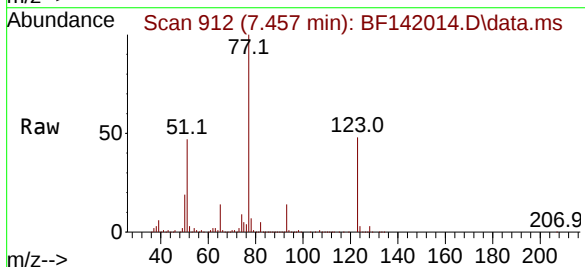
Tgt Ion: 77 Resp: 429587

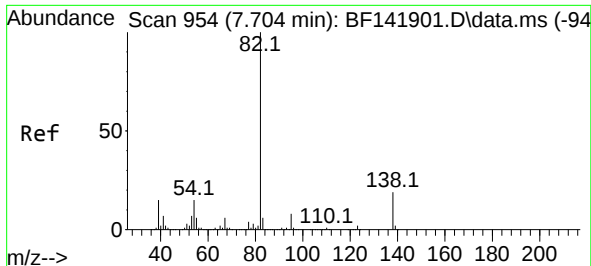
Ion Ratio Lower Upper

77 100

123 47.7 37.0 55.4

65 14.2 11.3 16.9

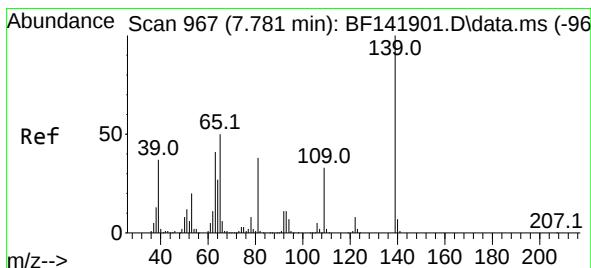
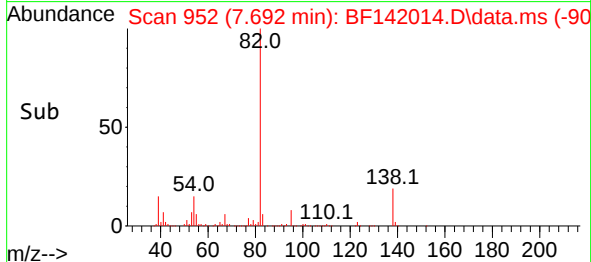
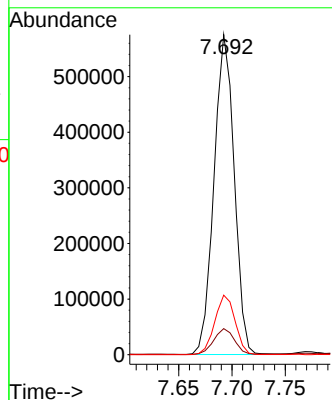
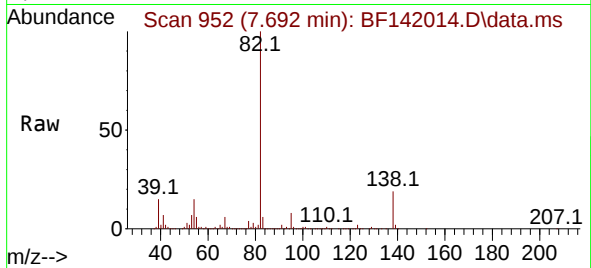




#25
Isophorone
Concen: 43.921 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

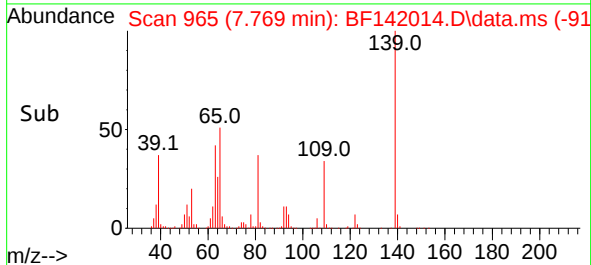
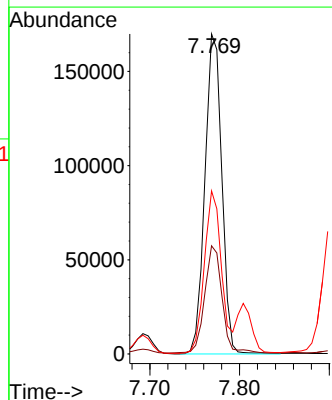
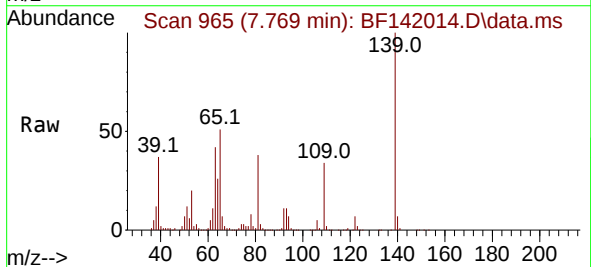
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

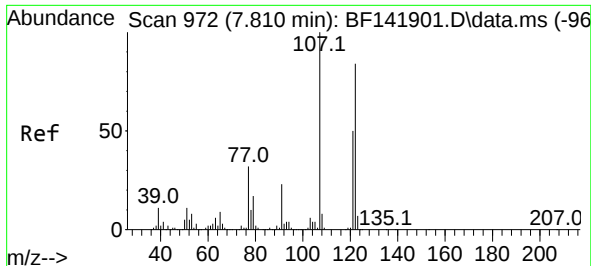
Tgt Ion: 82 Resp: 759865
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.6 14.9 22.3



#26
2-Nitrophenol
Concen: 46.631 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

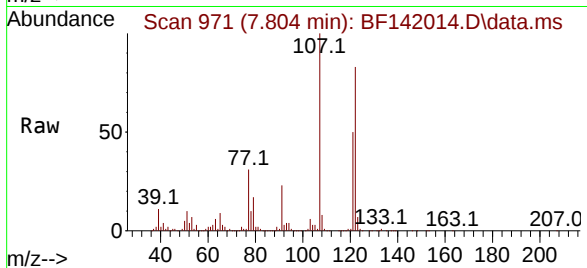
Tgt Ion:139 Resp: 222682
Ion Ratio Lower Upper
139 100
109 33.8 26.5 39.7
65 50.9 40.3 60.5



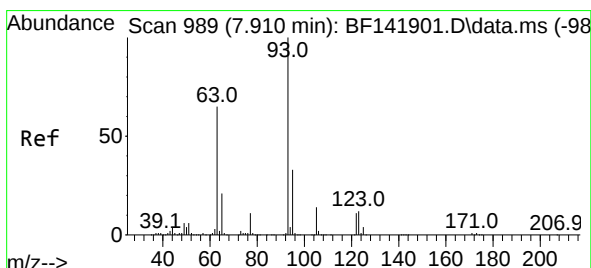
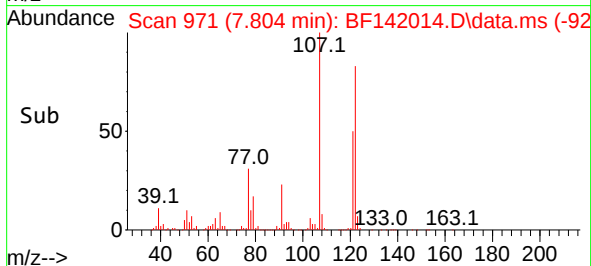
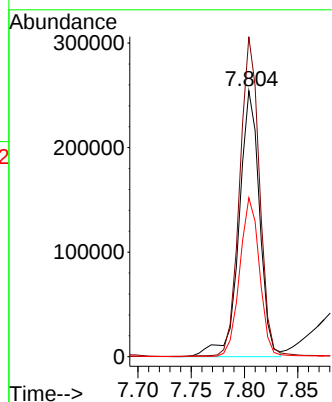


#27
2,4-Dimethylphenol
Concen: 51.984 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

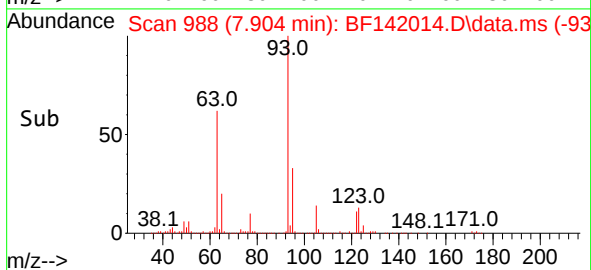
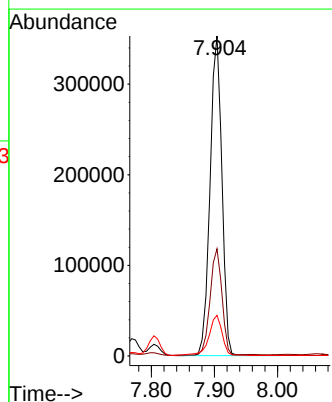
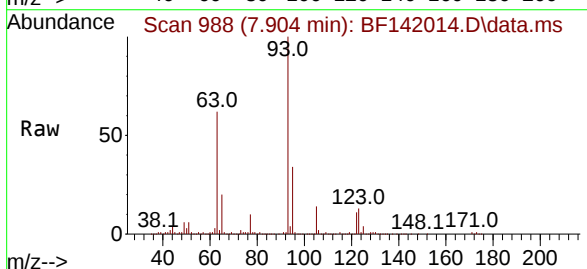


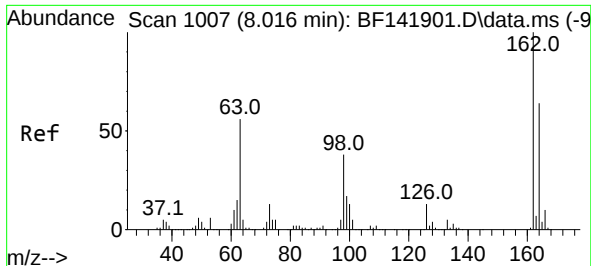
Tgt Ion:122 Resp: 341826
Ion Ratio Lower Upper
122 100
107 120.4 94.8 142.2
121 59.8 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.432 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 93 Resp: 460444
Ion Ratio Lower Upper
93 100
95 33.5 26.6 40.0
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.554 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

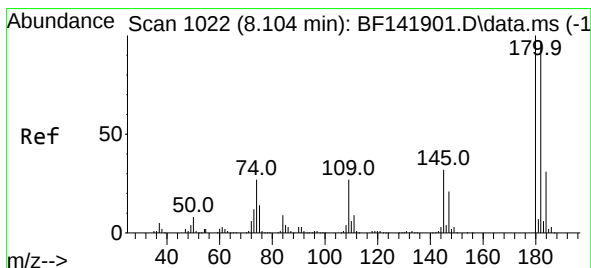
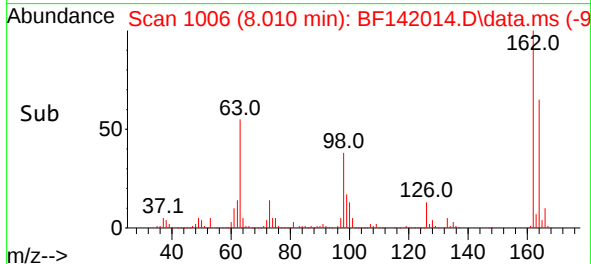
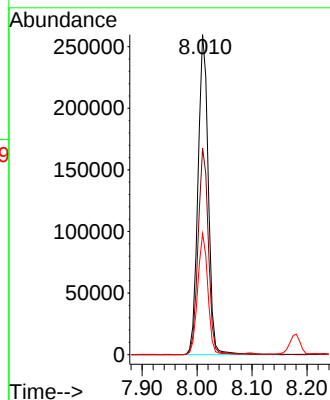
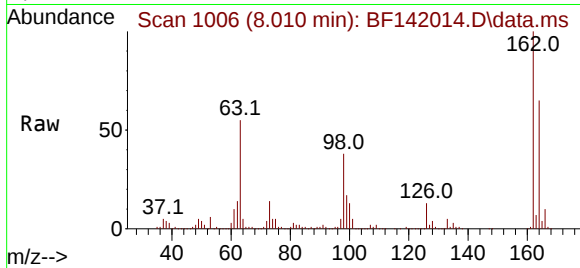
Tgt Ion:162 Resp: 339159

Ion Ratio Lower Upper

162 100

164 64.6 43.8 83.8

98 37.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.275 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

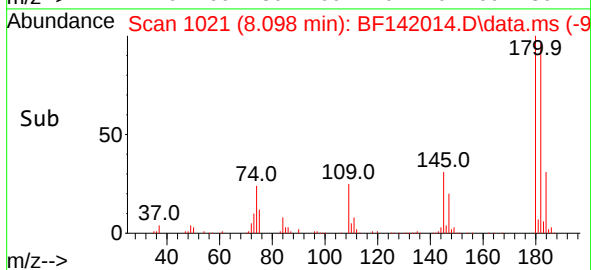
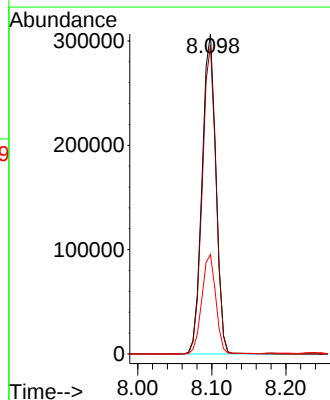
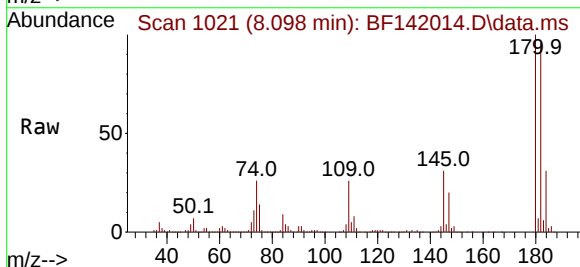
Tgt Ion:180 Resp: 398239

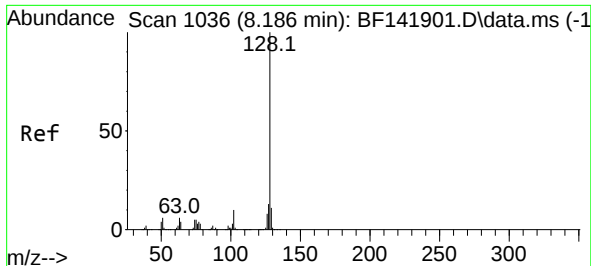
Ion Ratio Lower Upper

180 100

182 96.5 77.5 116.3

145 31.1 25.8 38.6

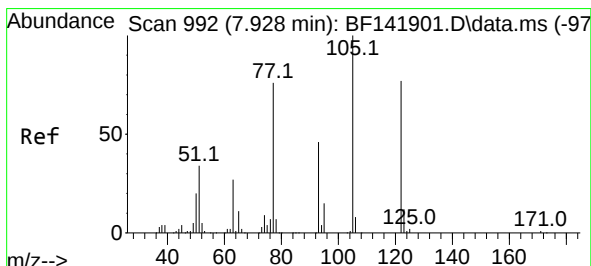
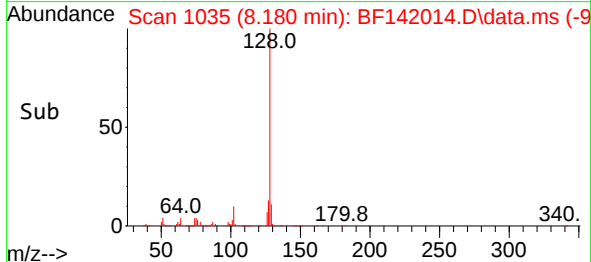
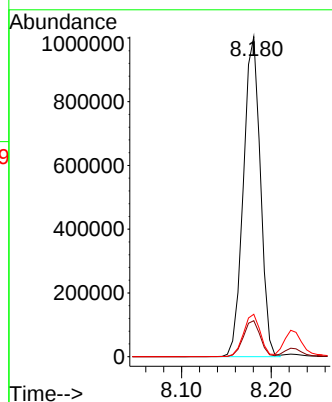
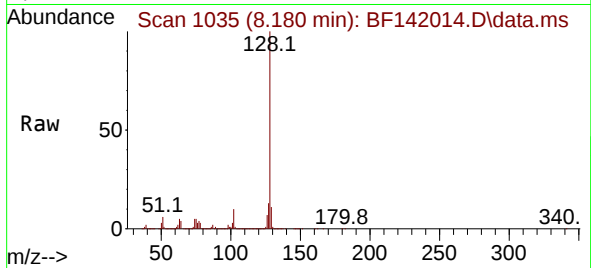




#31
Naphthalene
Concen: 46.455 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

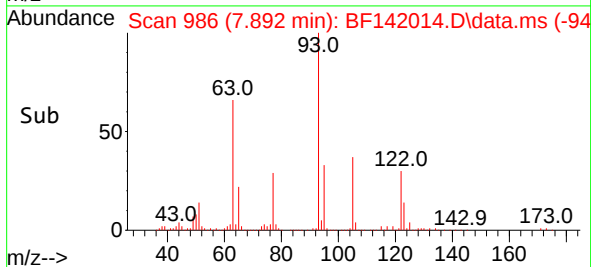
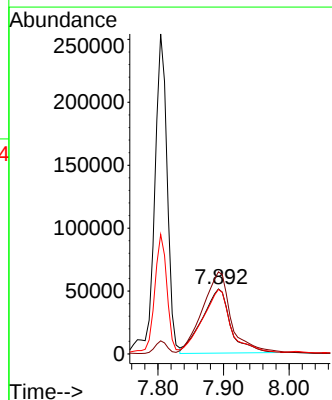
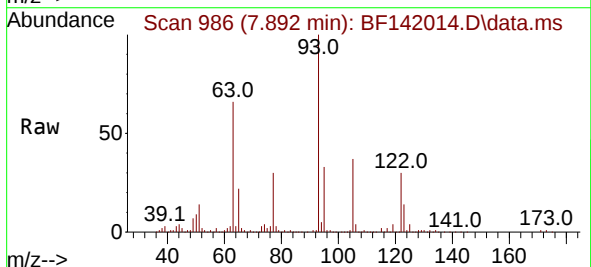
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

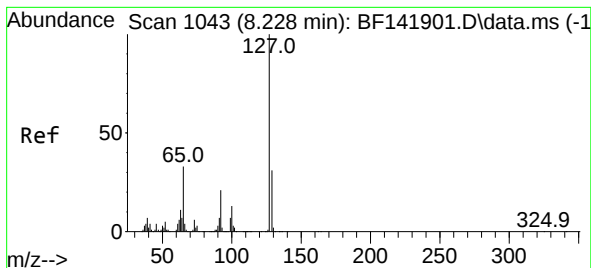
Tgt Ion:128 Resp: 1314365
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 26.569 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.036 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:122 Resp: 153574
Ion Ratio Lower Upper
122 100
105 126.3 107.9 147.9
77 99.6 79.0 119.0





#33

4-Chloroaniline

Concen: 12.444 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

Tgt Ion:127 Resp: 124286

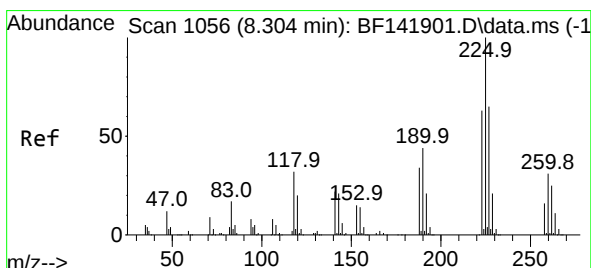
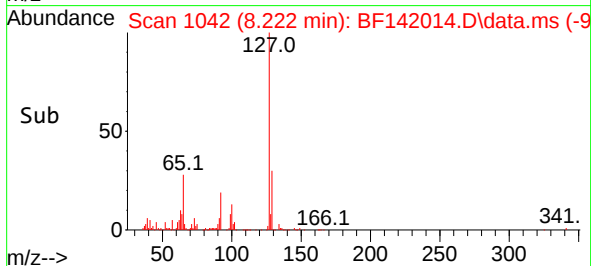
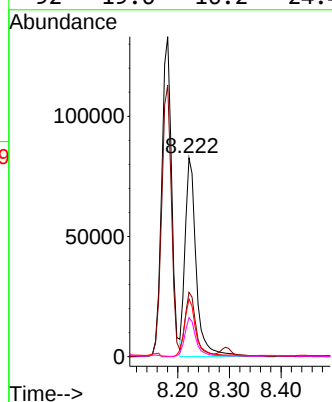
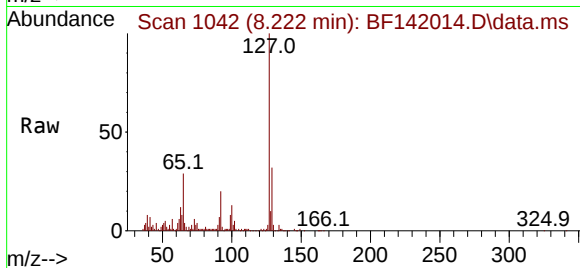
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.4

65 29.0 25.4 38.2

92 19.6 16.2 24.4



#34

Hexachlorobutadiene

Concen: 46.180 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.012 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

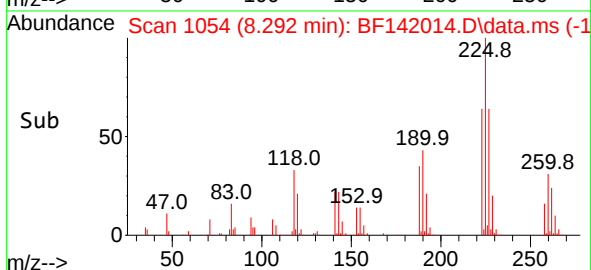
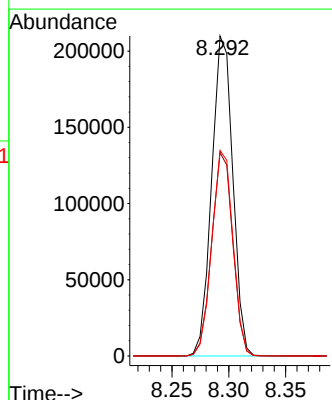
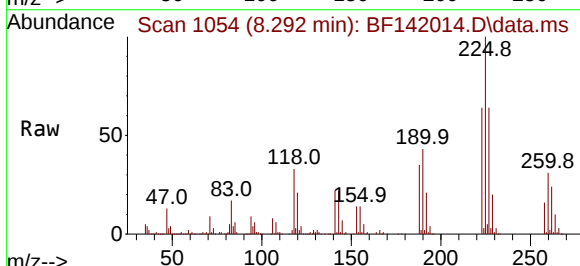
Tgt Ion:225 Resp: 270882

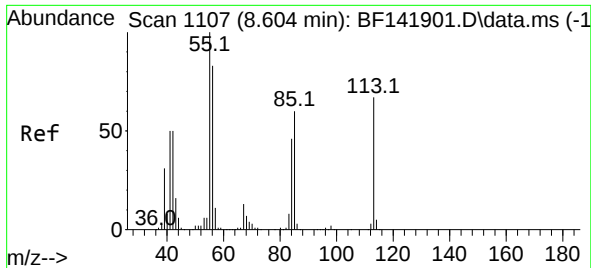
Ion Ratio Lower Upper

225 100

223 63.6 50.6 75.8

227 64.2 52.2 78.2

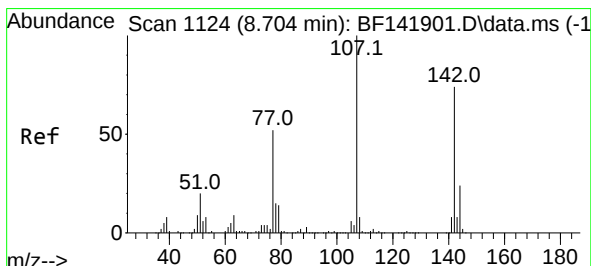
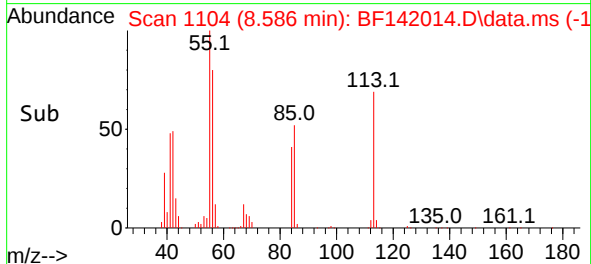
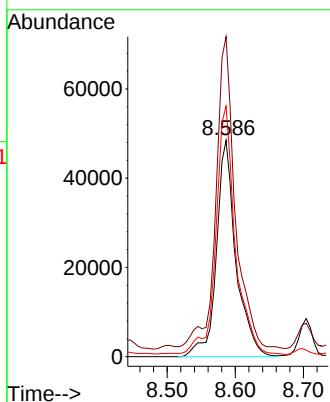
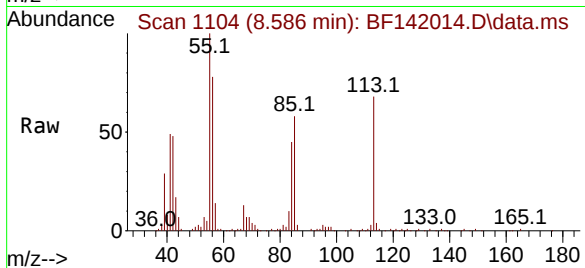




#35
 Caprolactam
 Concen: 38.883 ng
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.018 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

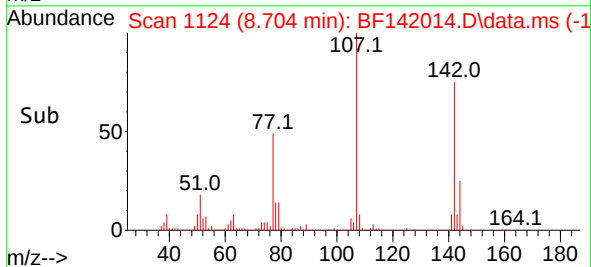
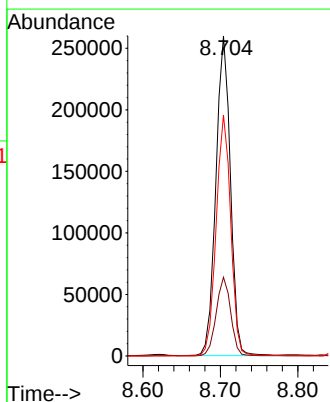
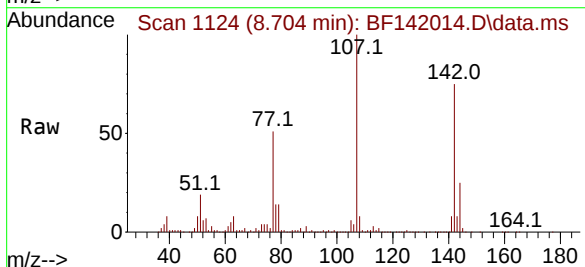
Instrument :
 BNA_F
 ClientSampleId :
 RBR251346MSD

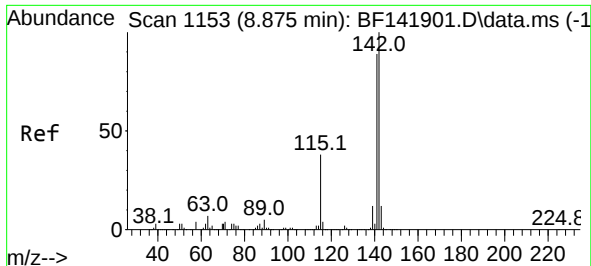
Tgt Ion:113 Resp: 96755
 Ion Ratio Lower Upper
 113 100
 55 147.9 129.6 169.6
 56 115.8 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.132 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. -0.000 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

Tgt Ion:107 Resp: 338073
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.6
 142 75.3 59.2 88.8

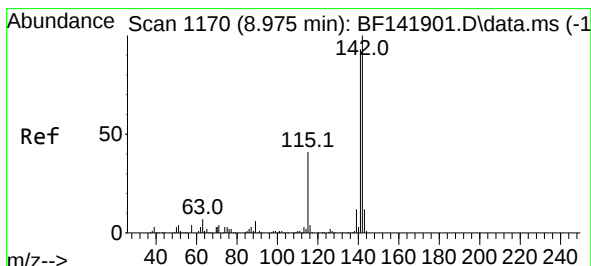
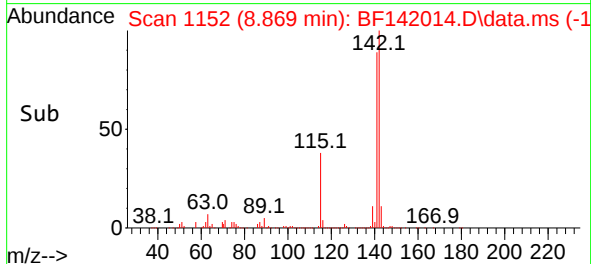
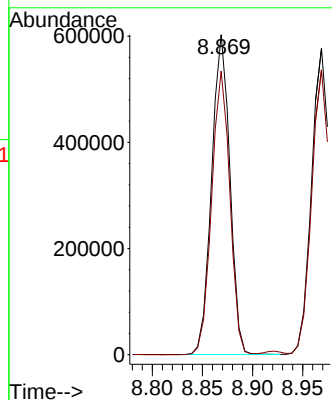
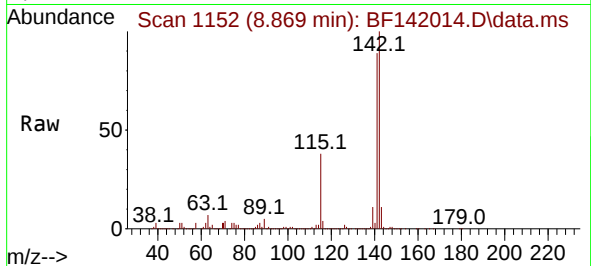




#37
2-Methylnaphthalene
Concen: 40.265 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

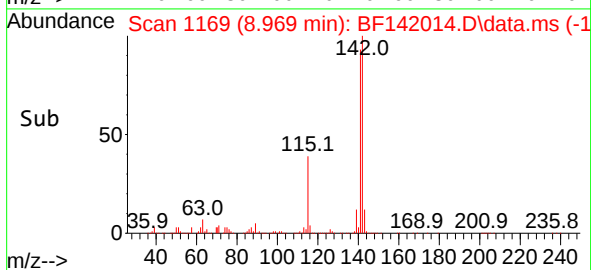
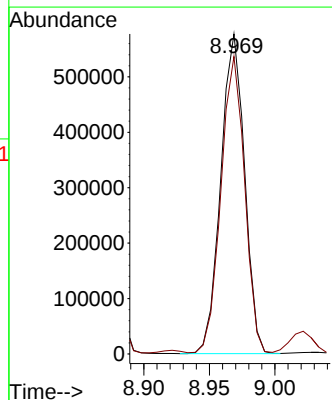
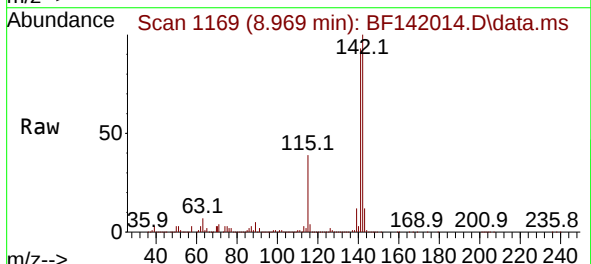
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

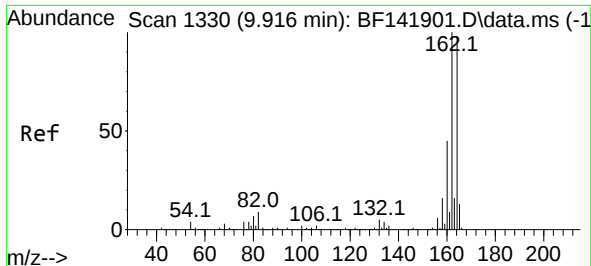
Tgt Ion:142 Resp: 761475
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.869 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:142 Resp: 727594
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

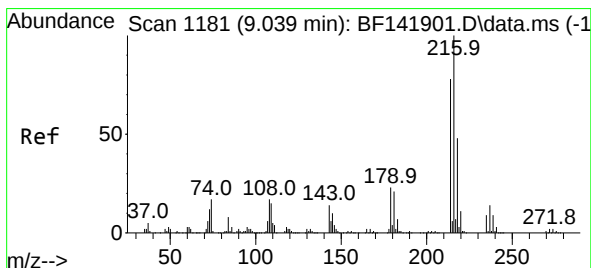
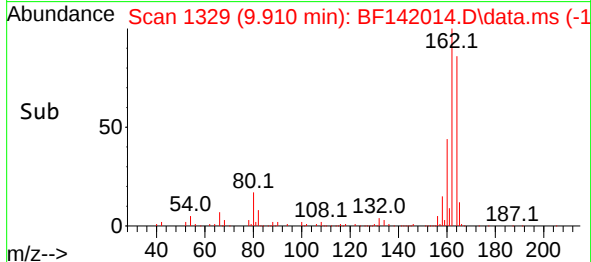
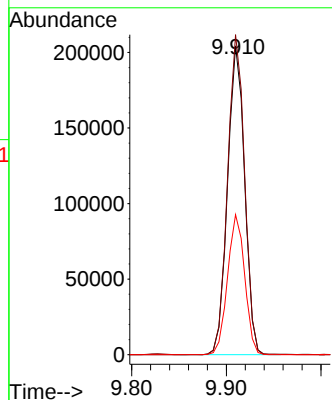
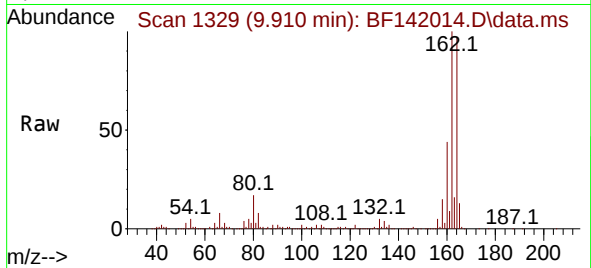




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

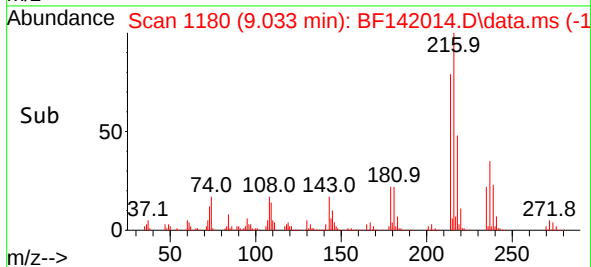
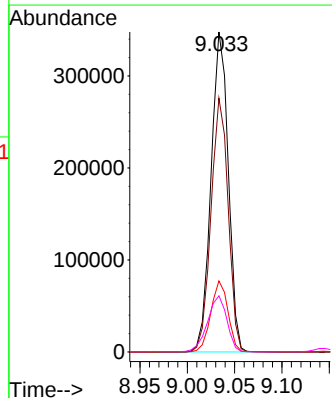
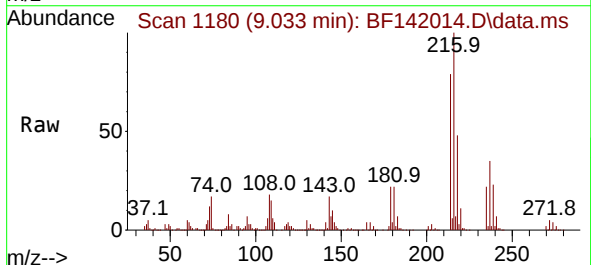
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

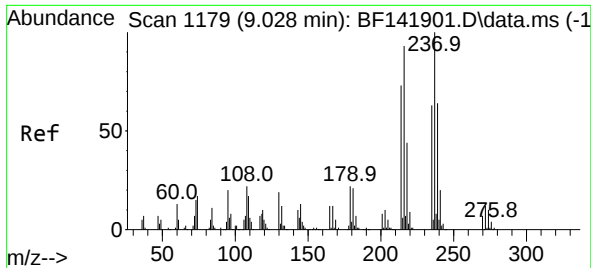
Tgt Ion:164 Resp: 256234
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 45.3 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.405 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:216 Resp: 440030
Ion Ratio Lower Upper
216 100
214 79.0 61.9 92.9
179 21.9 18.1 27.1
108 19.5 14.7 22.1

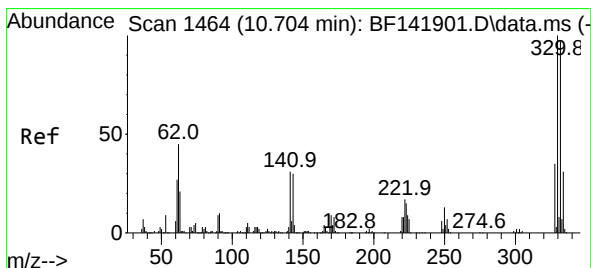
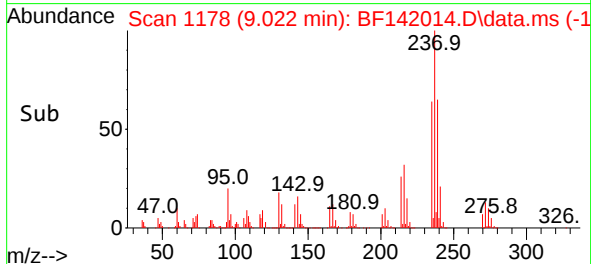
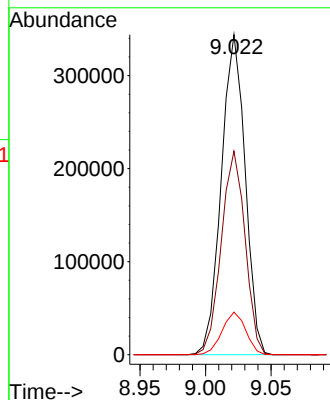
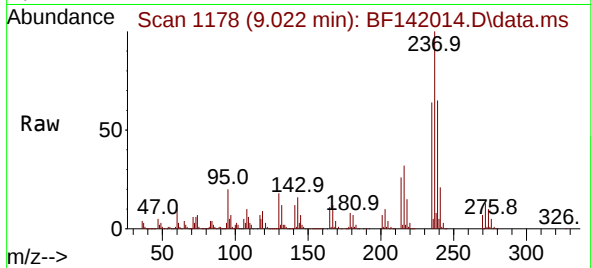




#41
Hexachlorocyclopentadiene
Concen: 142.412 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

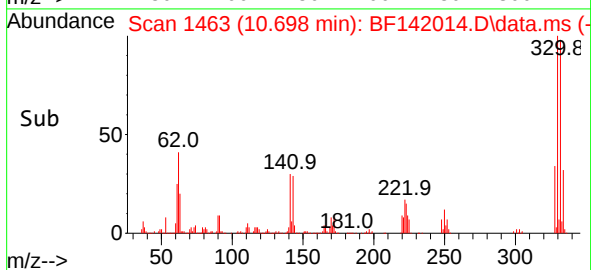
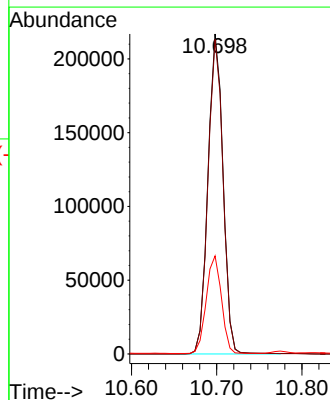
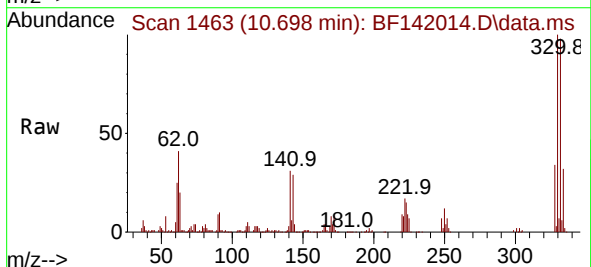
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

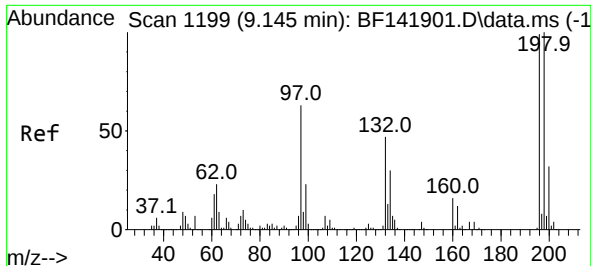
Tgt Ion:237 Resp: 434799
Ion Ratio Lower Upper
237 100
235 63.6 43.1 83.1
272 13.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 82.027 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:330 Resp: 266642
Ion Ratio Lower Upper
330 100
332 98.3 77.6 116.4
141 30.6 24.7 37.1

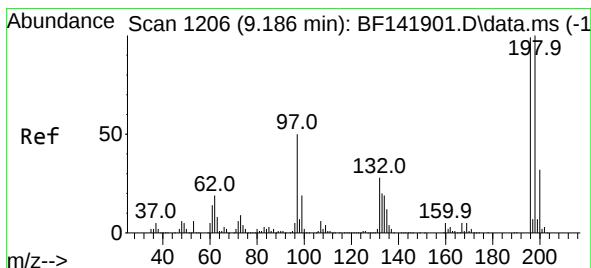
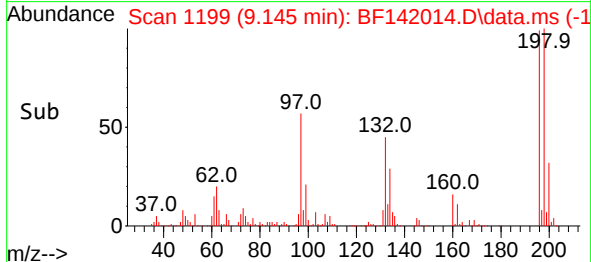
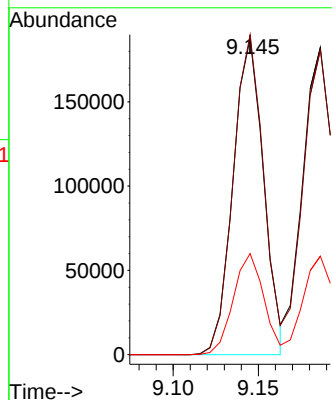
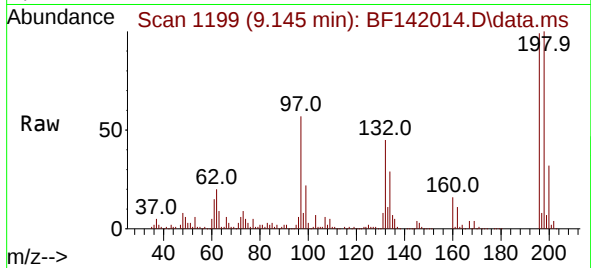




#43
2,4,6-Trichlorophenol
Concen: 45.871 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

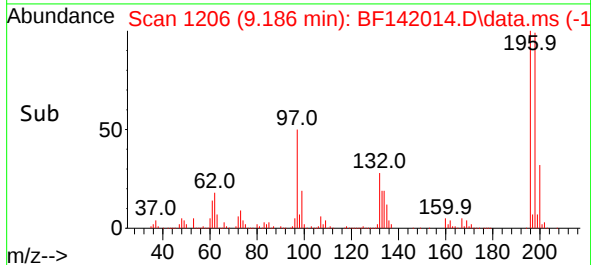
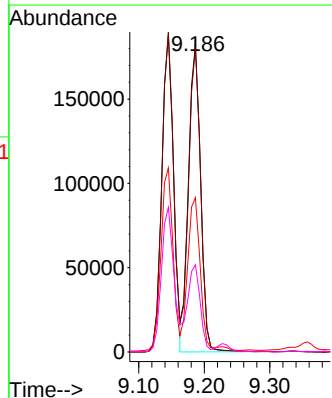
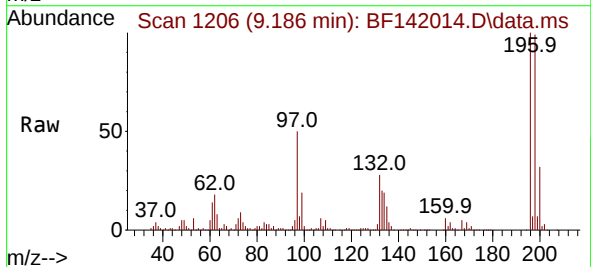
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

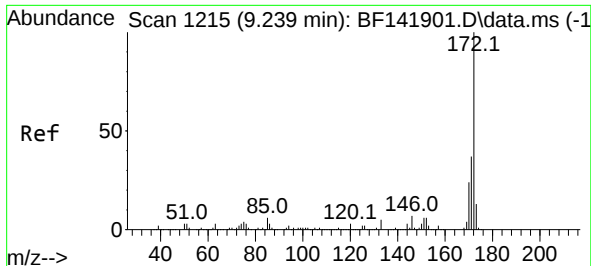
Tgt Ion:196 Resp: 233873
Ion Ratio Lower Upper
196 100
198 101.0 80.6 121.0
200 31.9 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 45.342 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:196 Resp: 234133
Ion Ratio Lower Upper
196 100
198 99.1 80.7 121.1
97 50.2 42.1 63.1
132 28.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 71.415 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

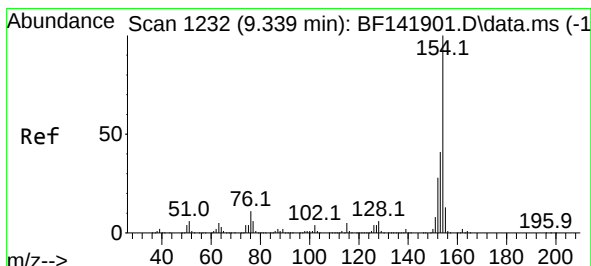
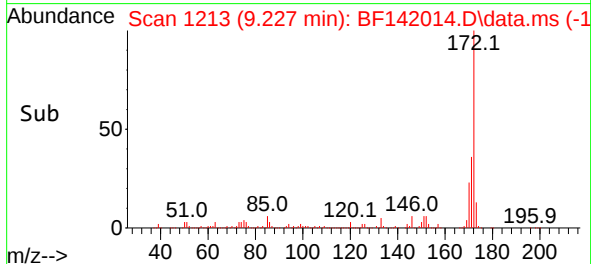
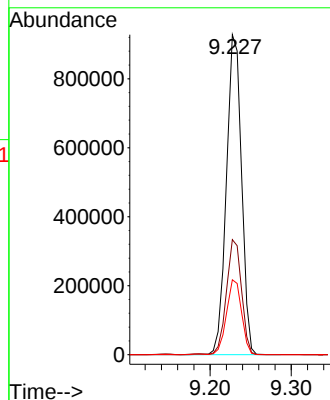
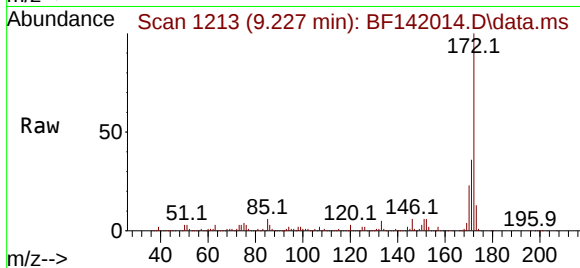
Tgt Ion:172 Resp: 1203237

Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

170 23.4 19.4 29.0



#46

1,1'-Biphenyl

Concen: 53.667 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

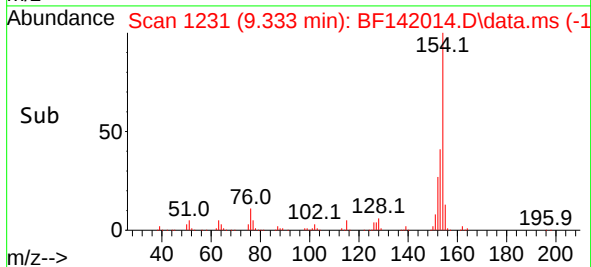
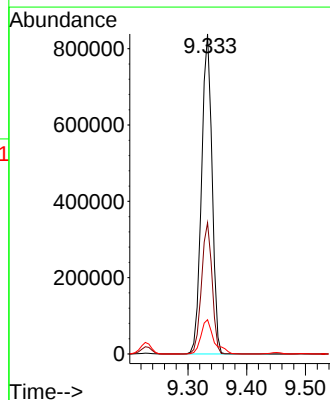
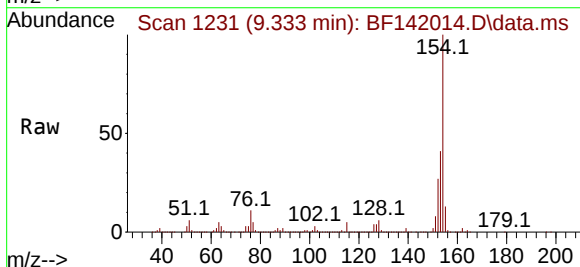
Tgt Ion:154 Resp: 1044845

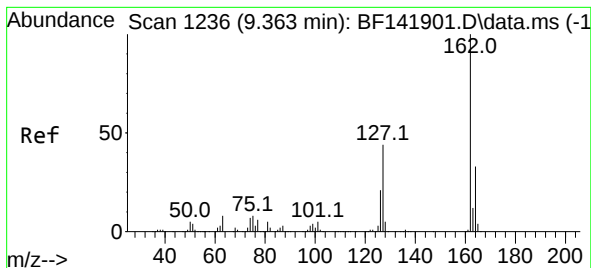
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 10.7 0.0 31.3





#47

2-Chloronaphthalene

Concen: 48.585 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

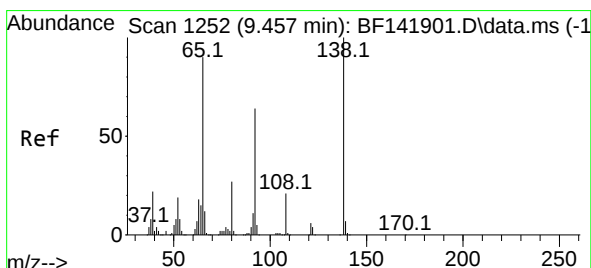
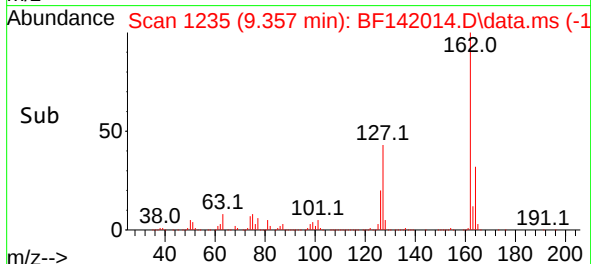
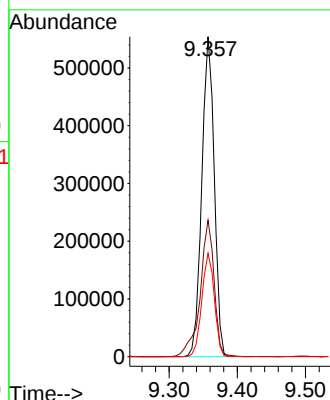
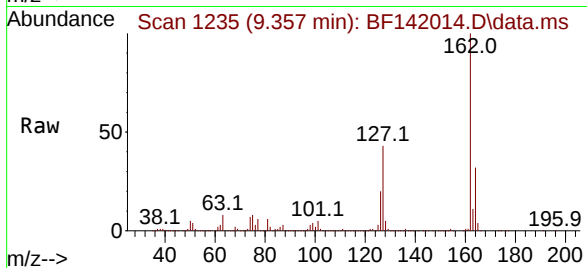
Tgt Ion:162 Resp: 705020

Ion Ratio Lower Upper

162 100

127 42.6 35.5 53.3

164 32.3 26.6 40.0



#48

2-Nitroaniline

Concen: 43.521 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

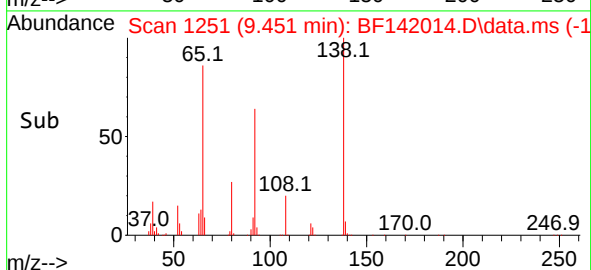
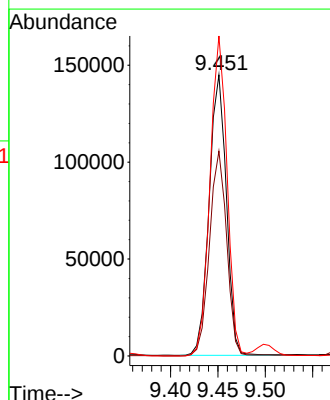
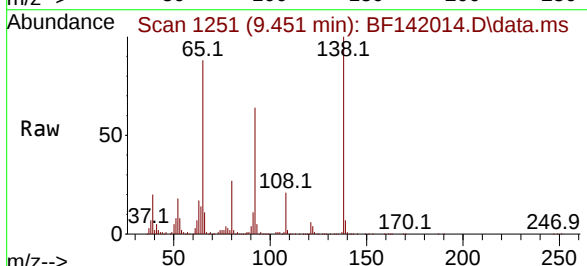
Tgt Ion: 65 Resp: 182859

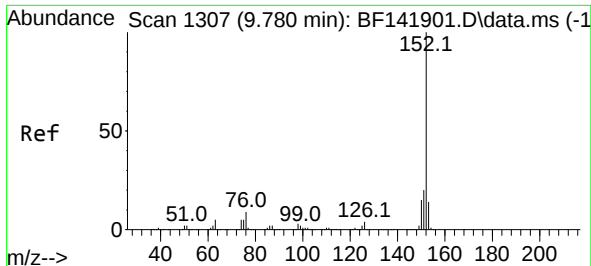
Ion Ratio Lower Upper

65 100

92 72.9 56.6 84.8

138 113.8 88.6 133.0





#49

Acenaphthylene

Concen: 46.530 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

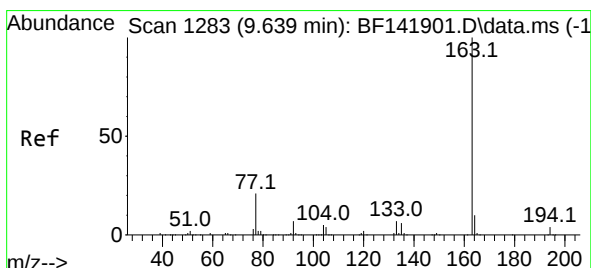
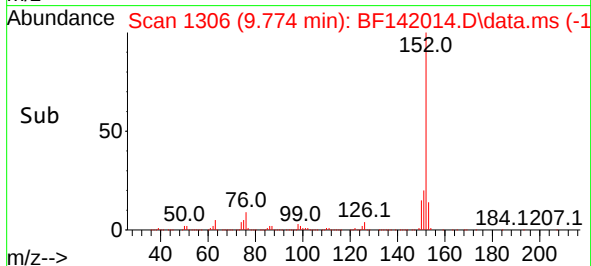
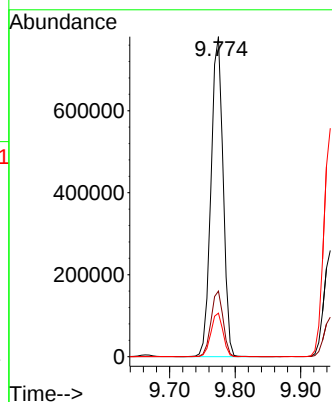
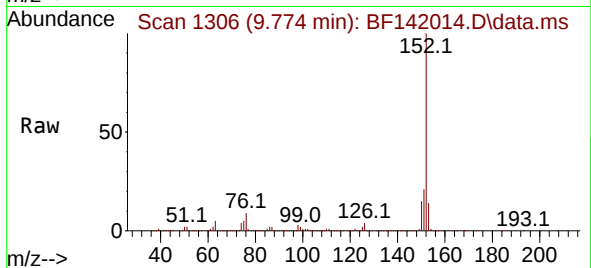
Tgt Ion:152 Resp: 1001988

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.6 11.1 16.7



#50

Dimethylphthalate

Concen: 45.033 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

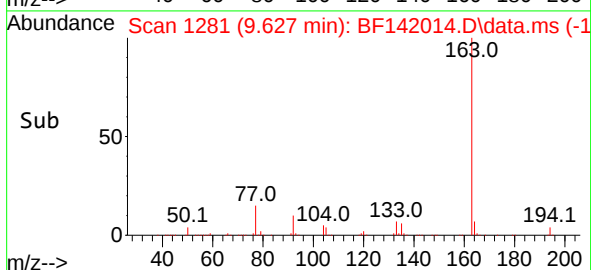
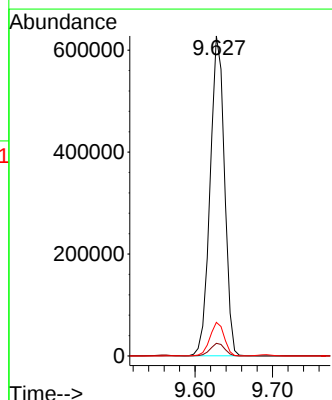
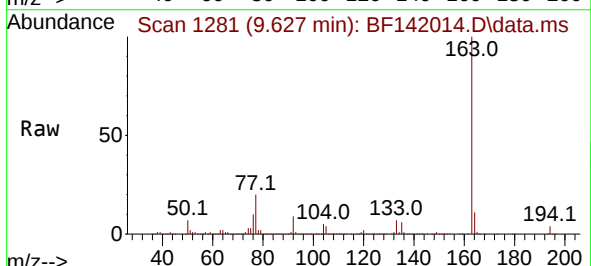
Tgt Ion:163 Resp: 808047

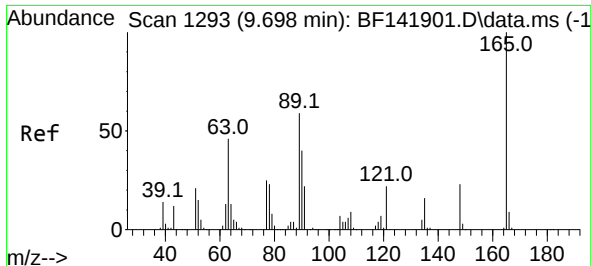
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 8.2 12.4

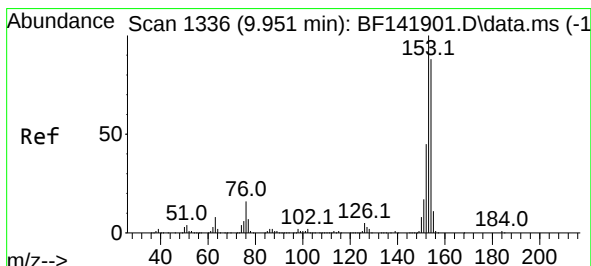
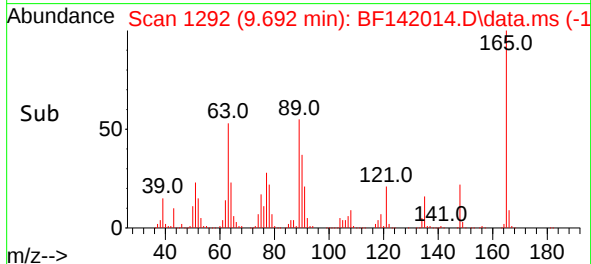
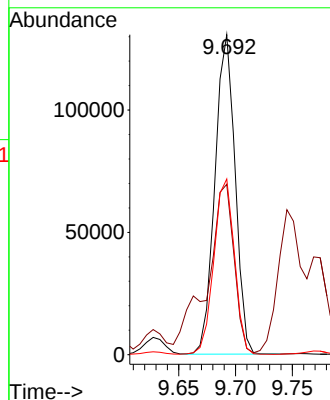
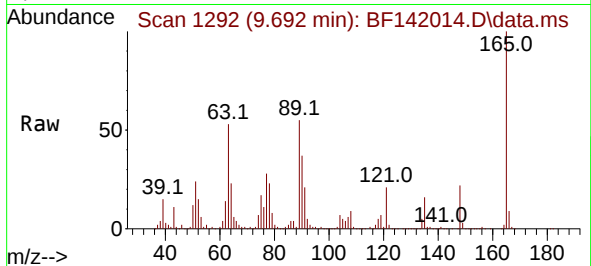




#51
2,6-Dinitrotoluene
Concen: 43.141 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

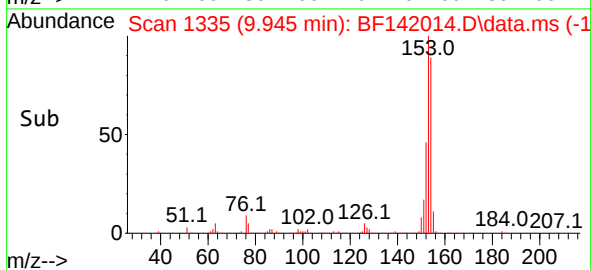
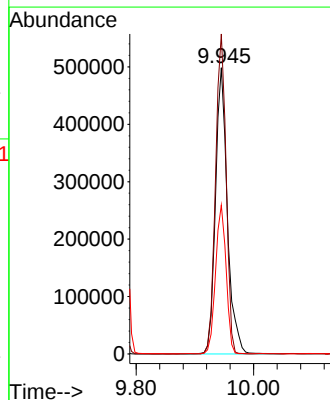
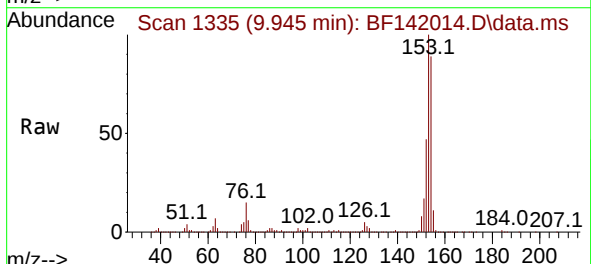
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

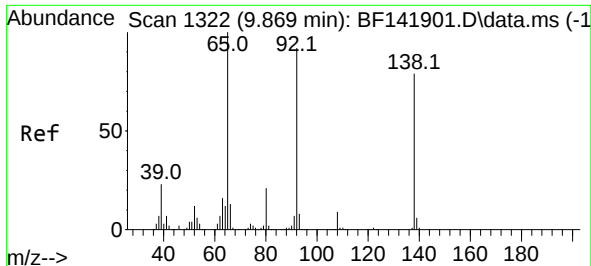
Tgt Ion:165 Resp: 161174
Ion Ratio Lower Upper
165 100
63 53.3 47.0 70.4
89 54.9 47.4 71.2



#52
Acenaphthene
Concen: 46.258 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:154 Resp: 700035
Ion Ratio Lower Upper
154 100
153 111.8 90.7 136.1
152 52.0 41.1 61.7

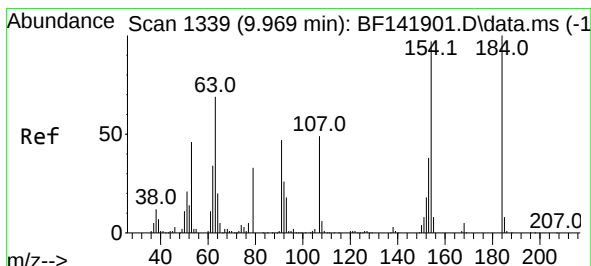
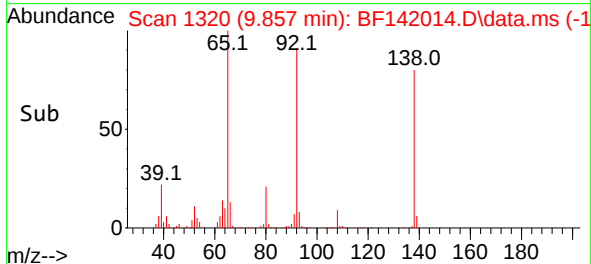
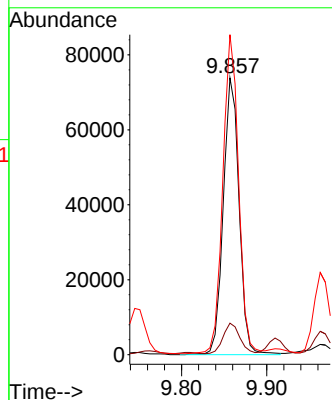
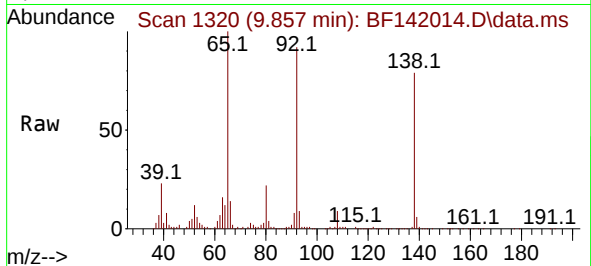




#53
3-Nitroaniline
Concen: 25.163 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

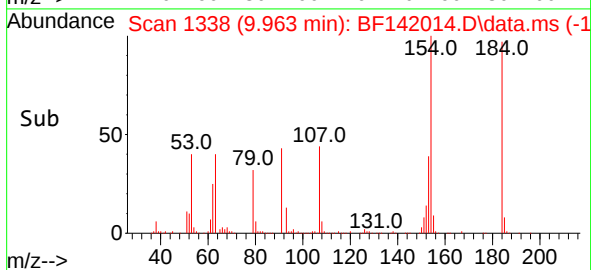
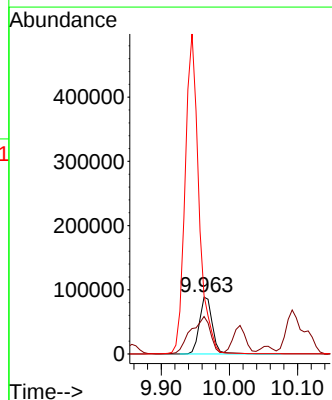
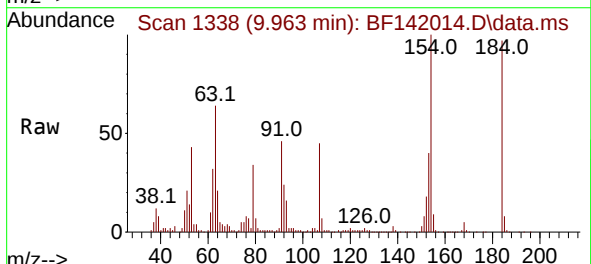
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

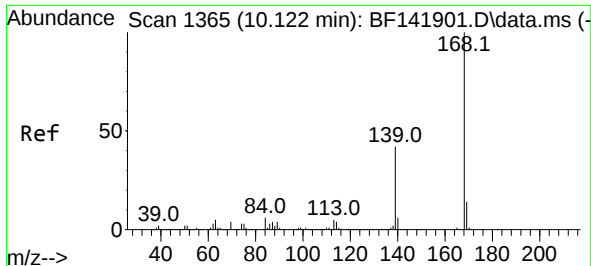
Tgt Ion:138 Resp: 95358
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 115.6 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 57.198 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:184 Resp: 117080
Ion Ratio Lower Upper
184 100
63 65.9 60.2 90.4
154 103.3 132.9 199.3#

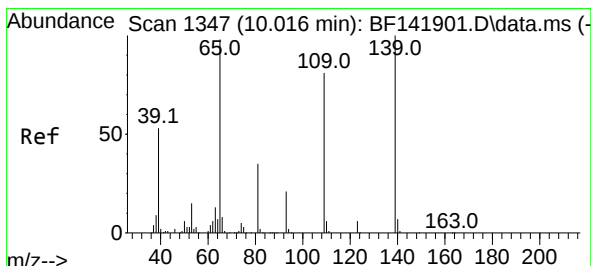
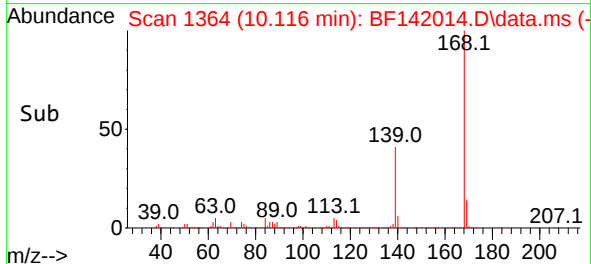
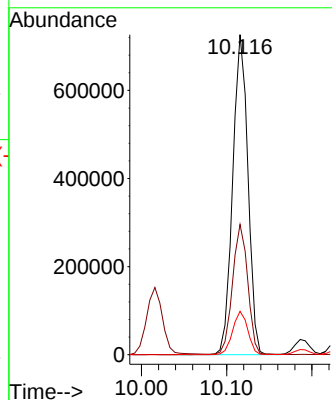
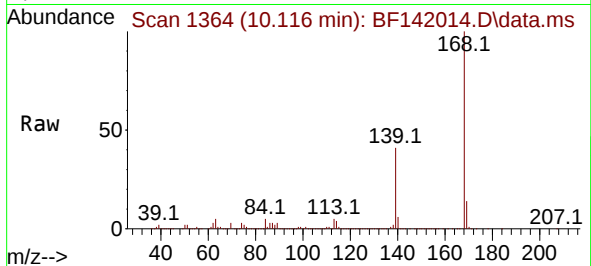




#55
Dibenzenofuran
Concen: 41.663 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

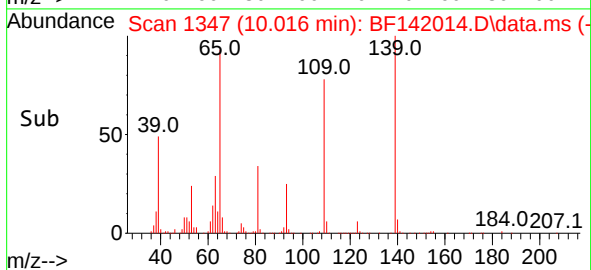
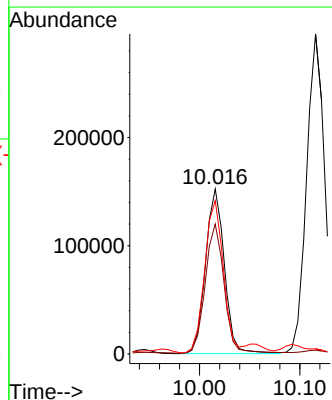
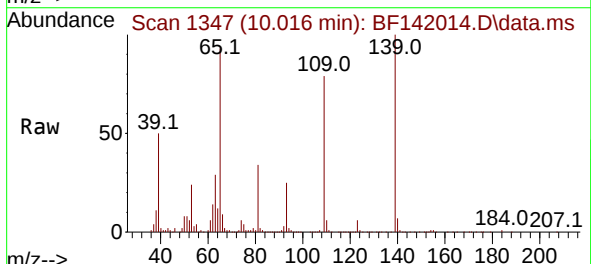
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

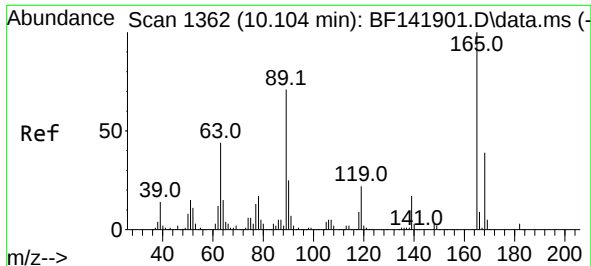
Tgt Ion:168 Resp: 900897
Ion Ratio Lower Upper
168 100
139 40.7 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 69.753 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:139 Resp: 199346
Ion Ratio Lower Upper
139 100
109 78.7 61.6 101.6
65 92.9 79.4 119.4

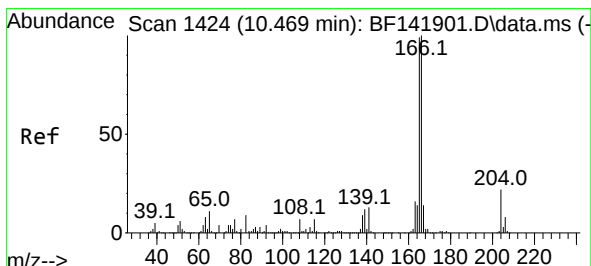
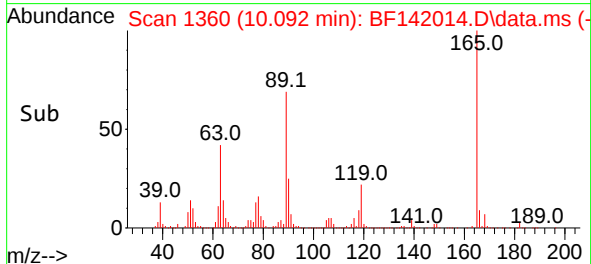
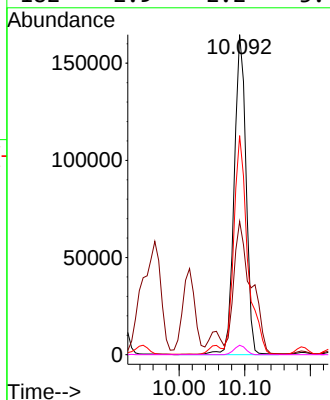
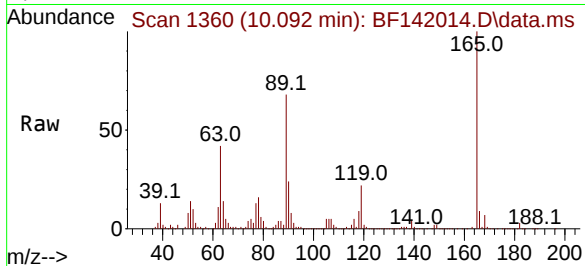




#57
2,4-Dinitrotoluene
Concen: 42.678 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

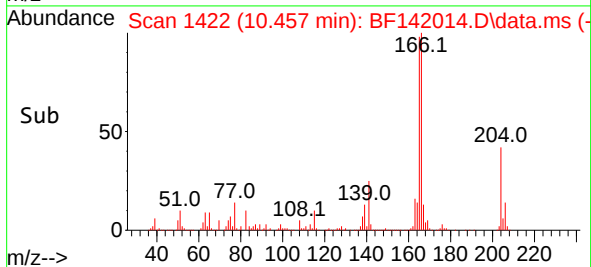
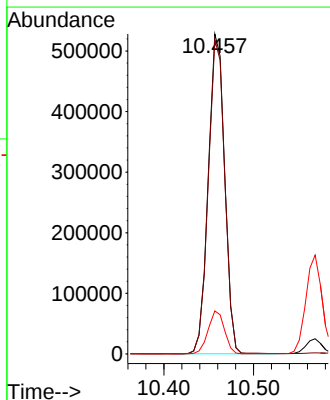
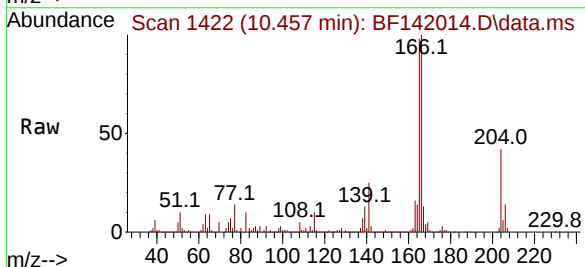
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

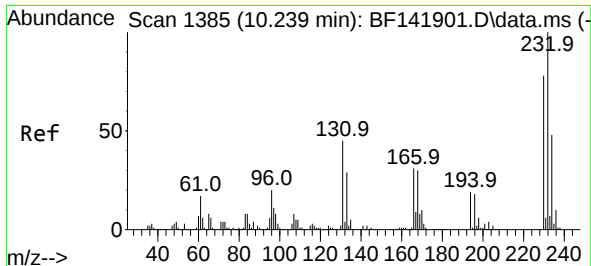
Tgt Ion:165 Resp: 208249
Ion Ratio Lower Upper
165 100
63 41.7 35.4 53.2
89 68.5 56.6 84.8
182 2.9 2.2 3.4



#58
Fluorene
Concen: 40.162 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:166 Resp: 669722
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 13.4 11.0 16.4

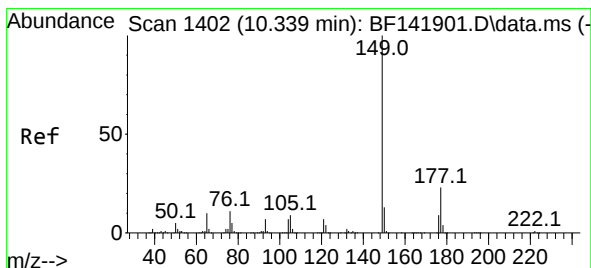
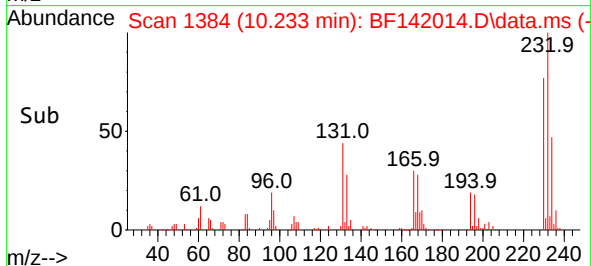
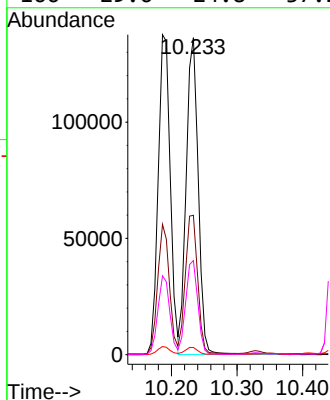
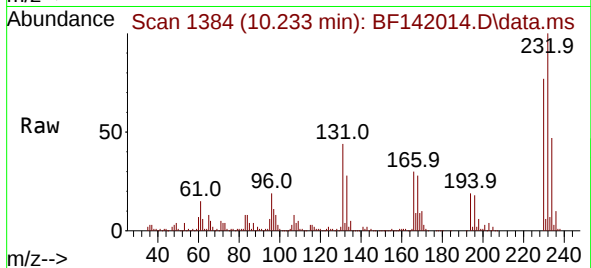




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.775 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

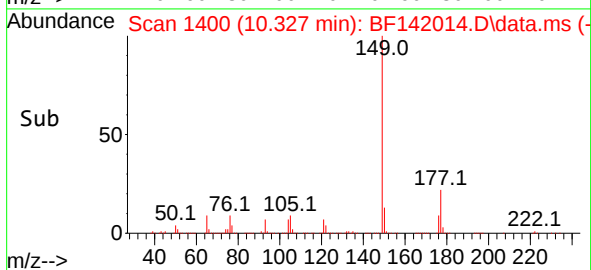
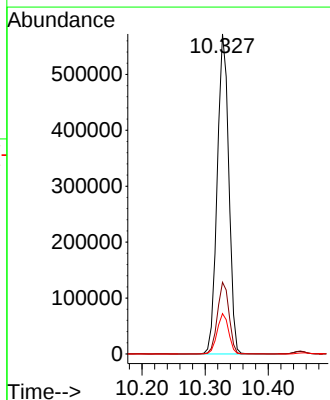
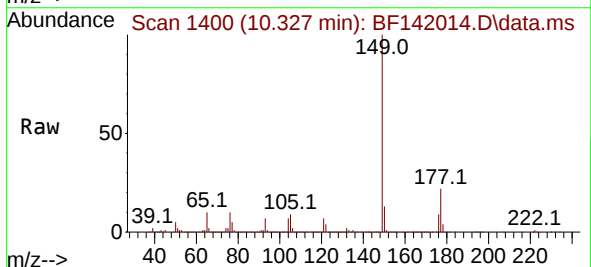
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

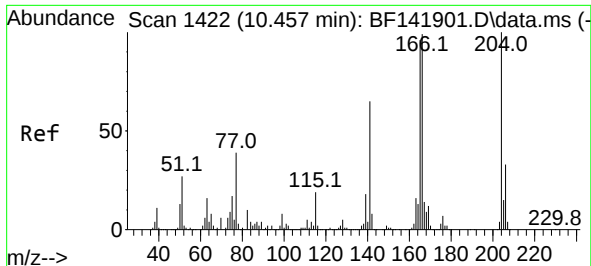
Tgt Ion:232 Resp: 172799
Ion Ratio Lower Upper
232 100
131 44.7 37.3 55.9
130 2.2 1.9 2.9
166 29.6 24.8 37.2



#60
Diethylphthalate
Concen: 40.553 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:149 Resp: 725568
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.6 10.2 15.4

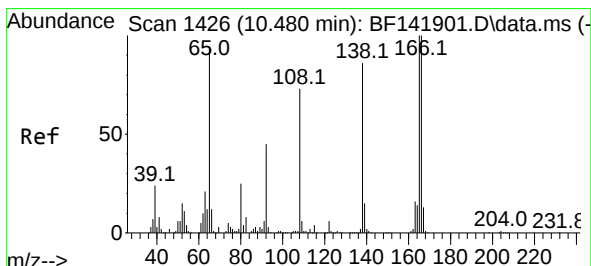
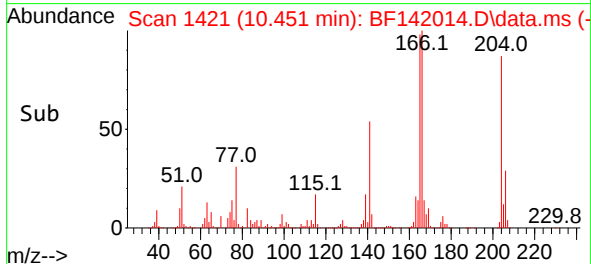
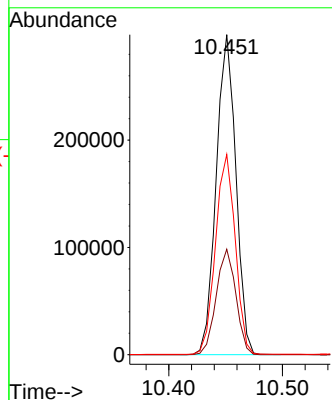
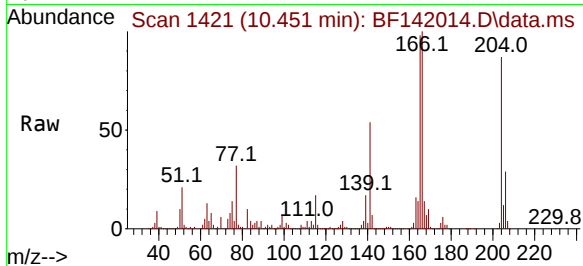




#61
4-Chlorophenyl-phenylether
Concen: 41.299 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

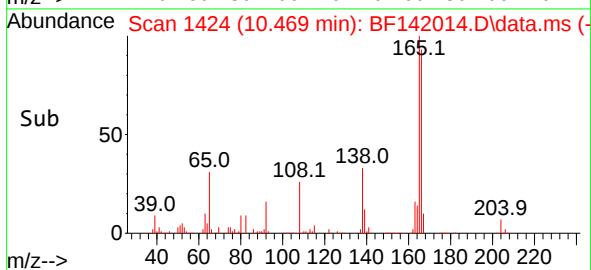
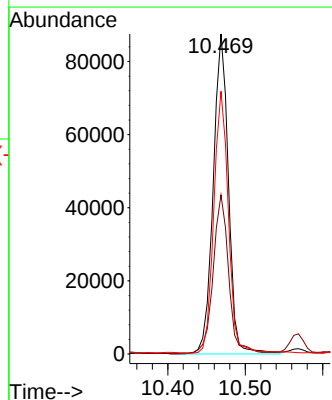
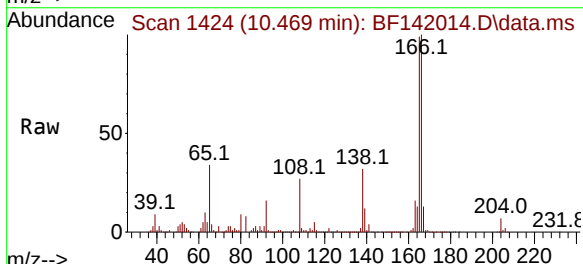
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

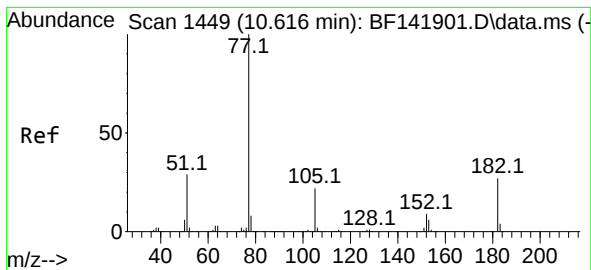
Tgt Ion:204 Resp: 359047
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 62.5 52.4 78.6



#62
4-Nitroaniline
Concen: 32.436 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:138 Resp: 119671
Ion Ratio Lower Upper
138 100
92 49.7 32.6 72.6
108 82.1 65.0 105.0

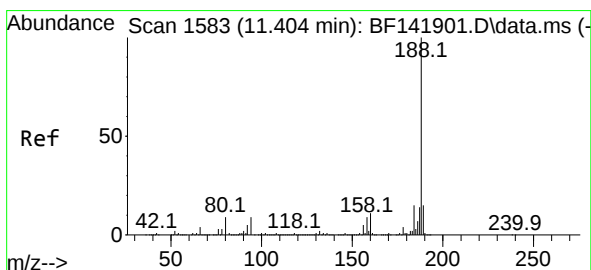
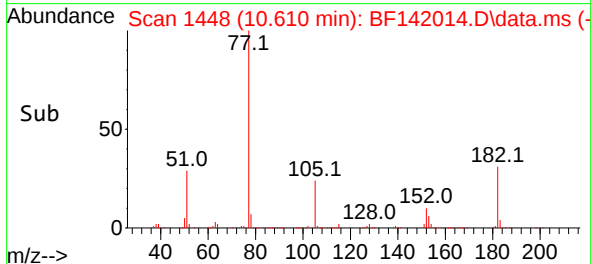
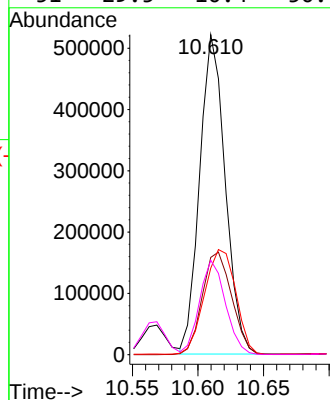
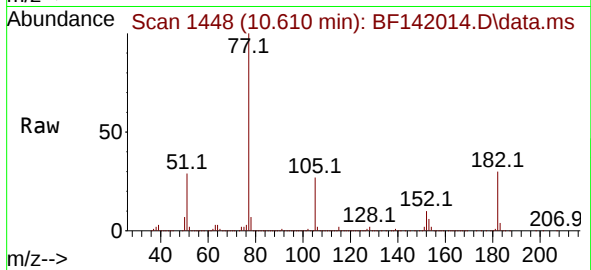




#63
Azobenzene
Concen: 42.590 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

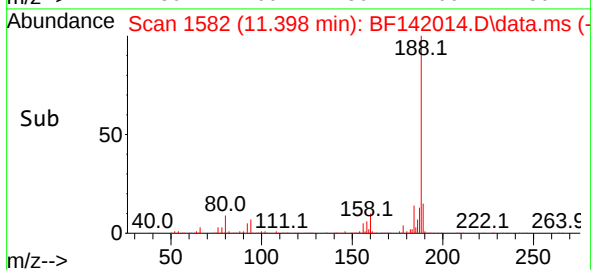
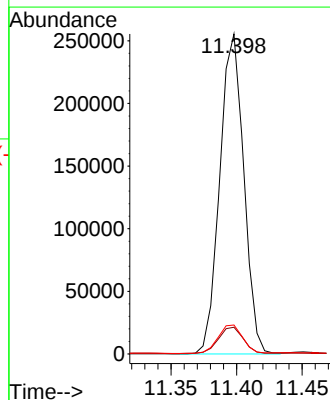
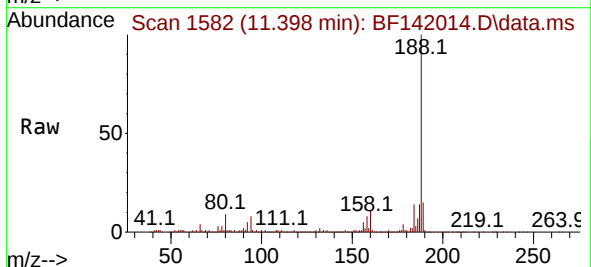
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

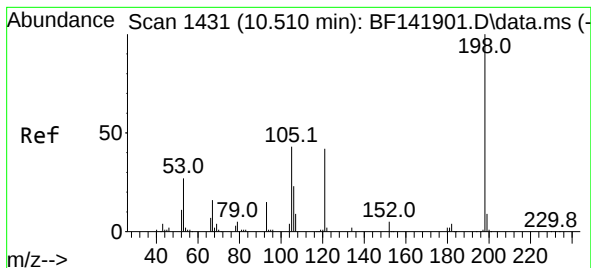
Tgt Ion: 77	Resp: 708458
Ion Ratio	Lower Upper
77 100	
182 30.4	6.6 46.6
105 27.1	1.3 41.3
51 29.5	10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:188	Resp: 325130
Ion Ratio	Lower Upper
188 100	
94 8.4	6.8 10.2
80 9.0	7.6 11.4

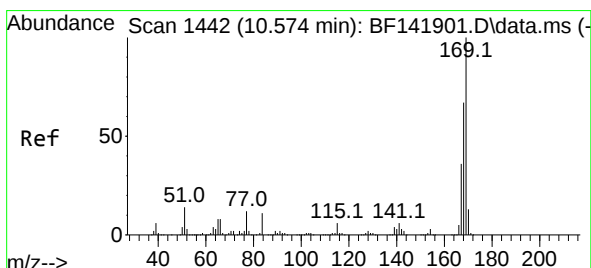
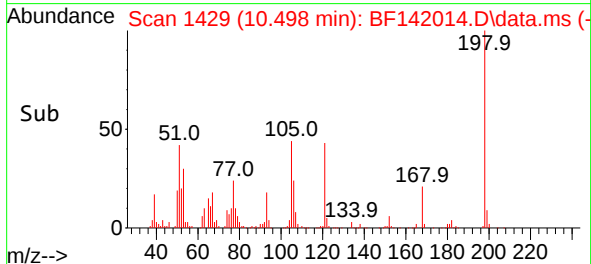
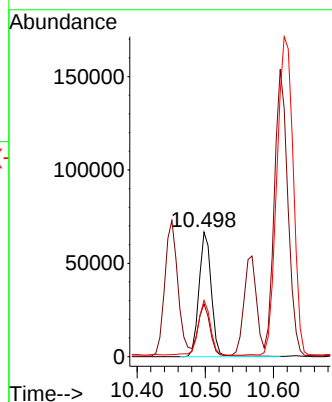
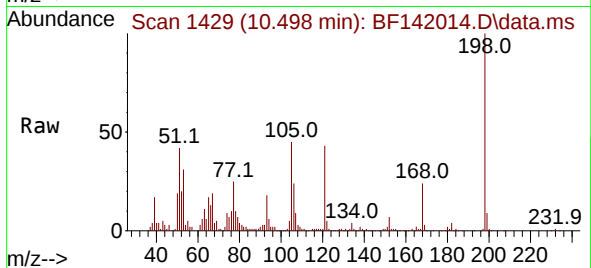




#65
4,6-Dinitro-2-methylphenol
Concen: 43.403 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

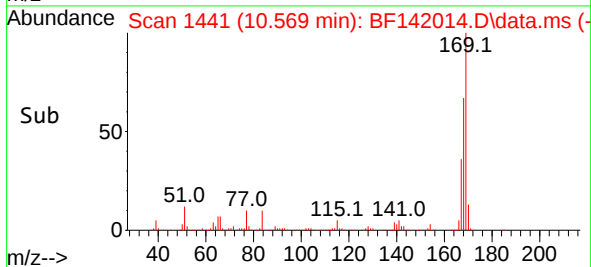
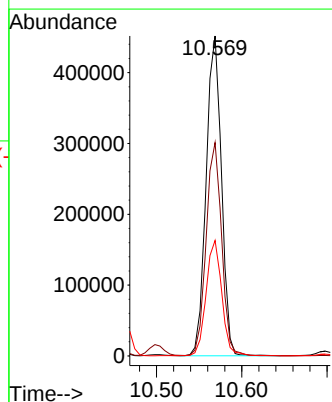
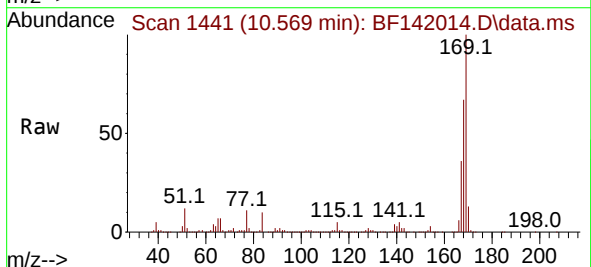
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

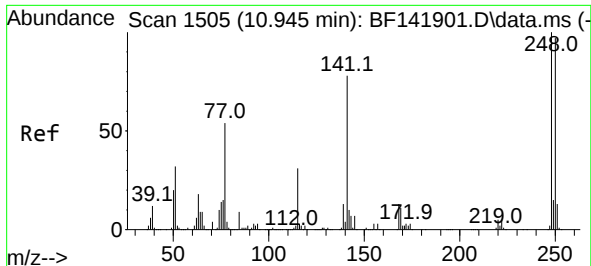
Tgt Ion:198 Resp: 84125
Ion Ratio Lower Upper
198 100
51 42.3 22.3 62.3
105 45.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 53.506 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:169 Resp: 562955
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.1 29.2 43.8

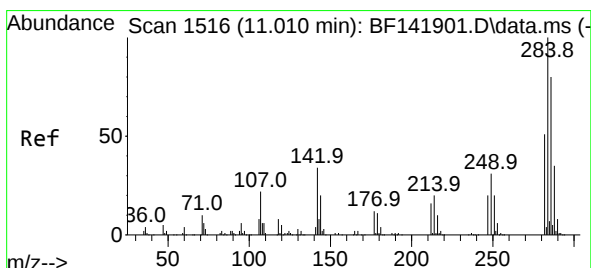
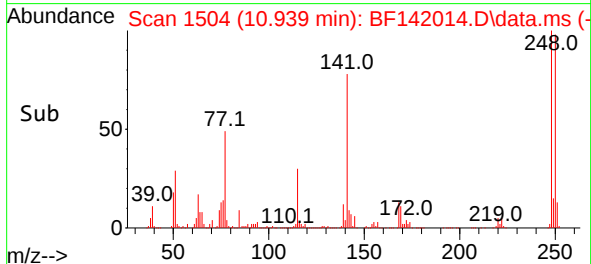
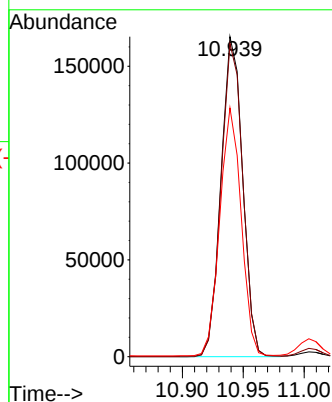
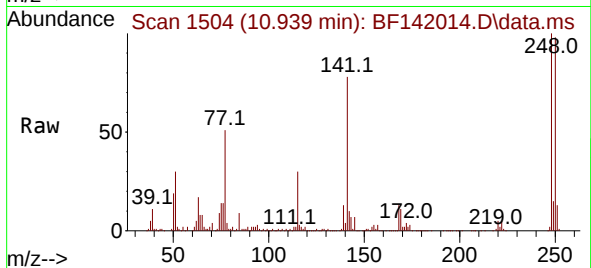




#67
4-Bromophenyl-phenylether
Concen: 50.116 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

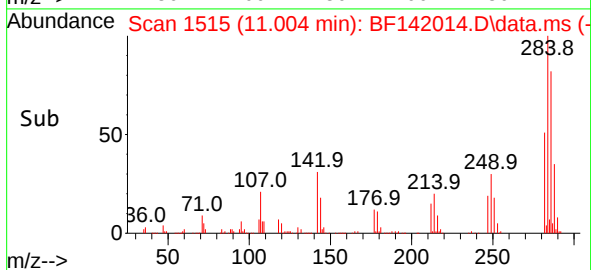
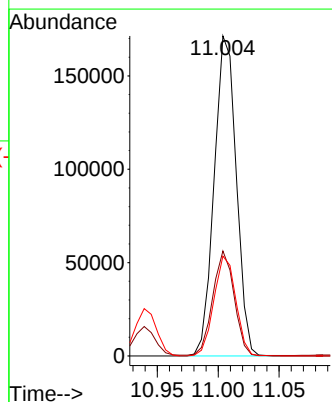
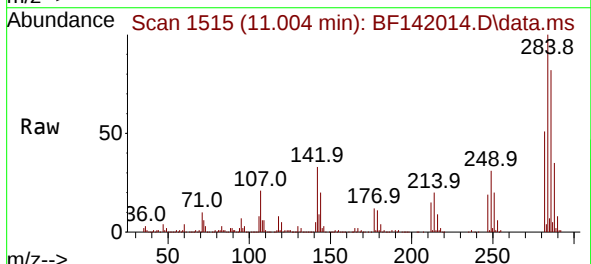
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

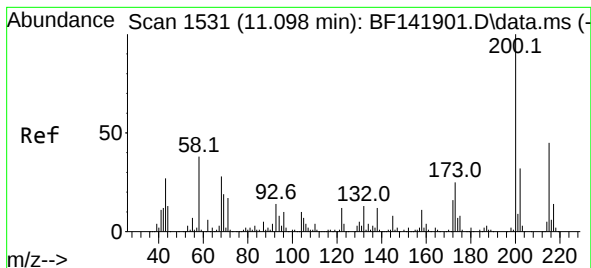
Tgt Ion:248 Resp: 204638
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 77.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 48.404 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:284 Resp: 216773
Ion Ratio Lower Upper
284 100
142 32.8 27.0 40.6
249 31.2 25.2 37.8





#69

Atrazine

Concen: 59.873 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

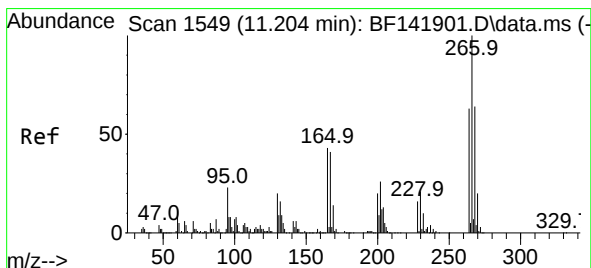
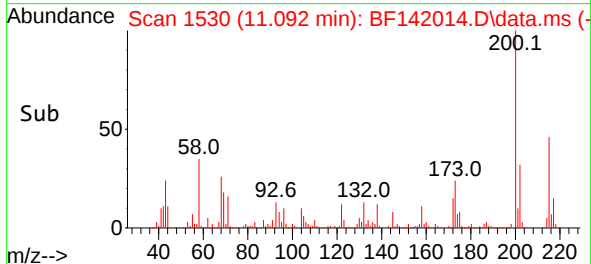
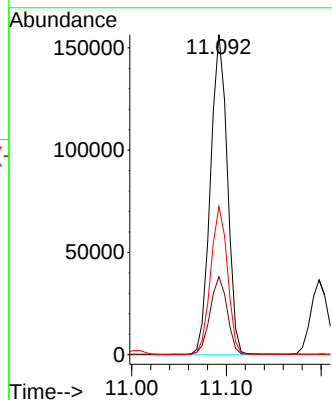
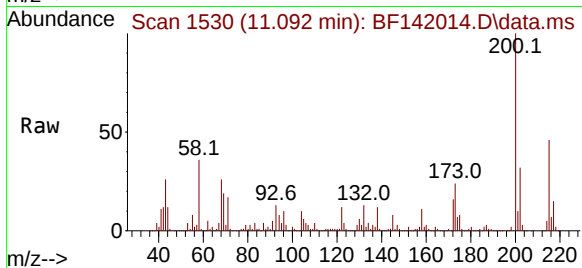
Tgt Ion:200 Resp: 193114

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

215 46.3 25.4 65.4



#70

Pentachlorophenol

Concen: 88.897 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

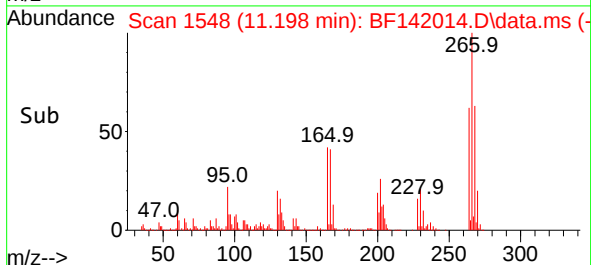
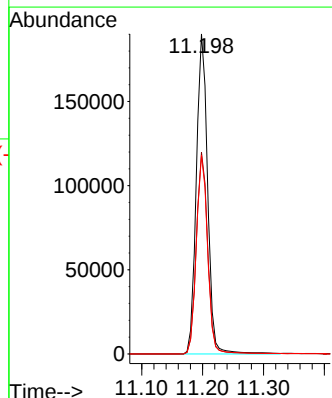
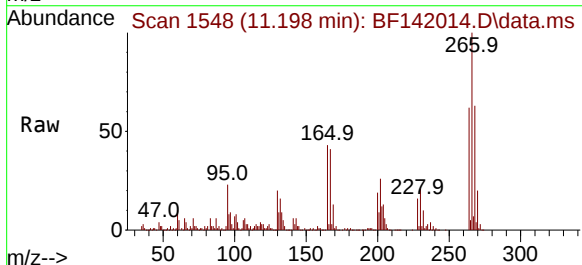
Tgt Ion:266 Resp: 245291

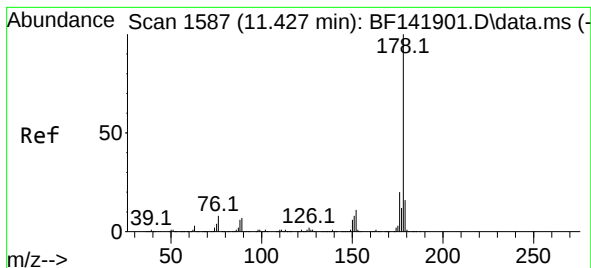
Ion Ratio Lower Upper

266 100

268 63.0 51.0 76.6

264 62.1 50.2 75.2





#71

Phenanthrene

Concen: 45.131 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

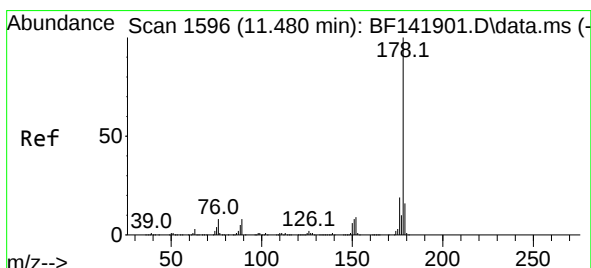
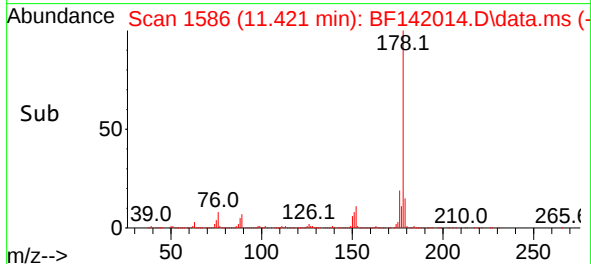
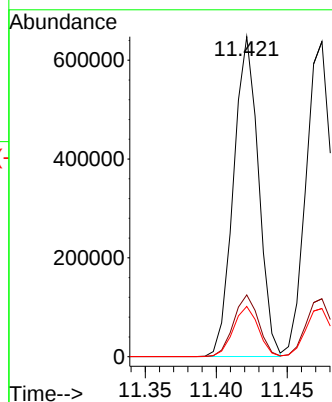
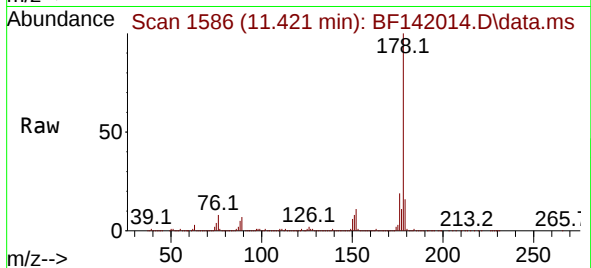
Tgt Ion:178 Resp: 792554

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 46.002 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

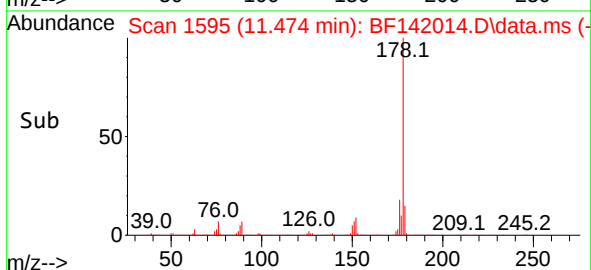
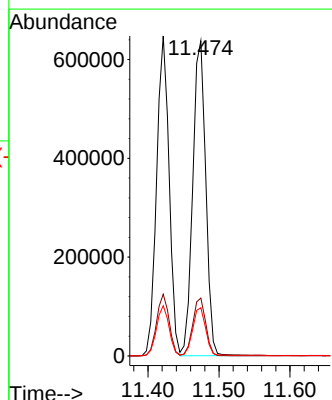
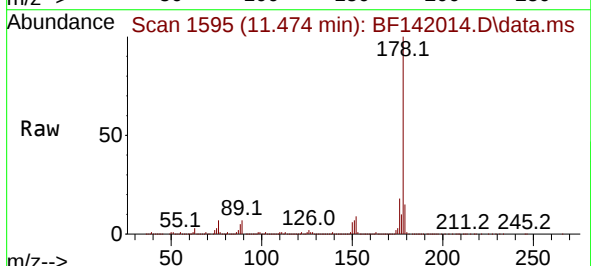
Tgt Ion:178 Resp: 810484

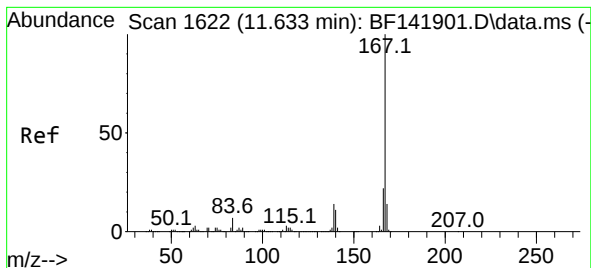
Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

179 15.3 12.6 19.0





#73

Carbazole

Concen: 42.317 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

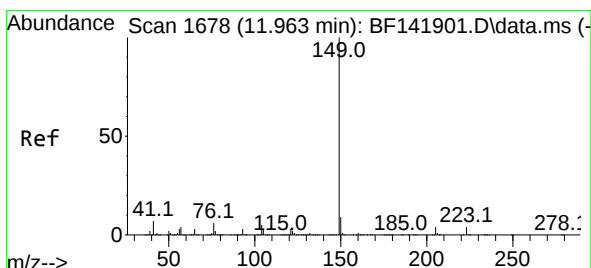
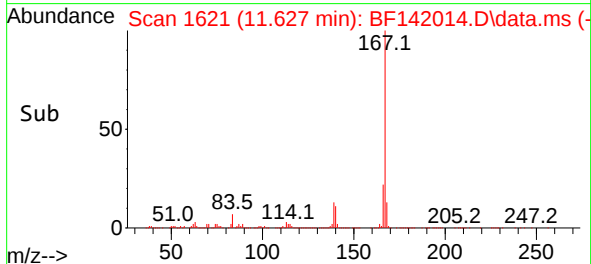
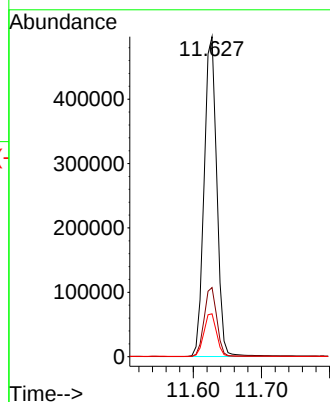
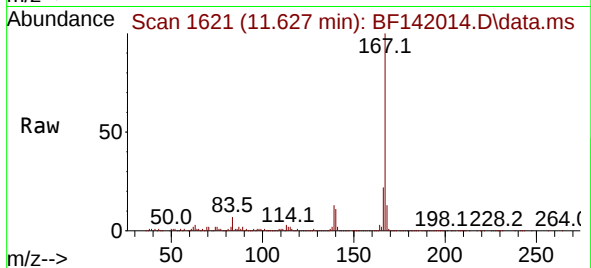
Tgt Ion:167 Resp: 642992

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.4 11.0 16.6



#74

Di-n-butylphthalate

Concen: 42.665 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

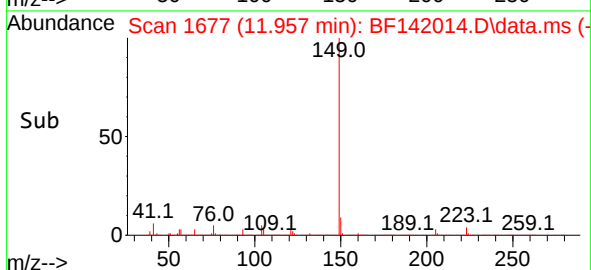
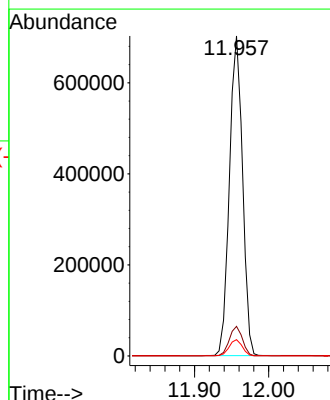
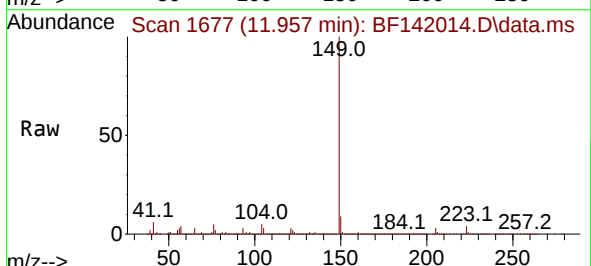
Tgt Ion:149 Resp: 860183

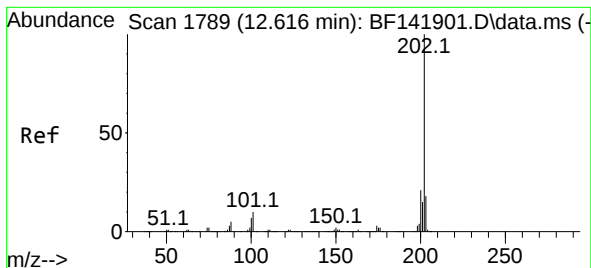
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 44.186 ng

RT: 12.610 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

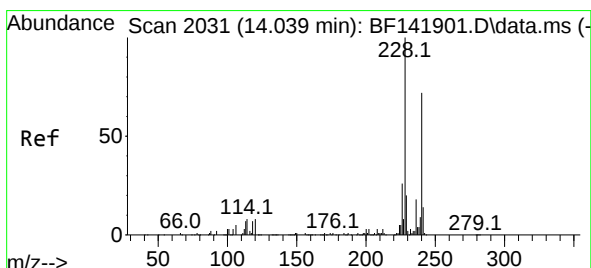
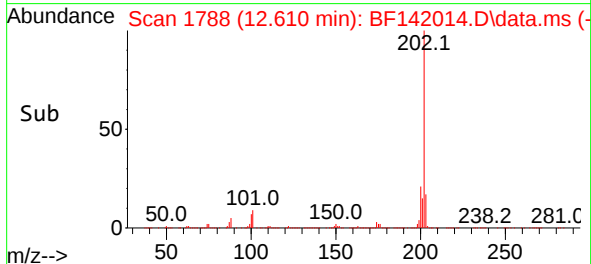
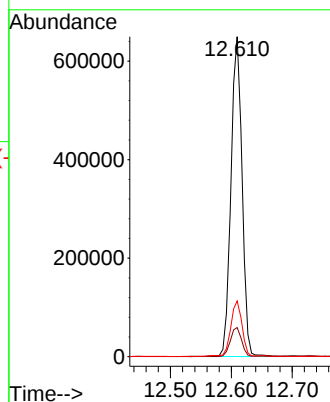
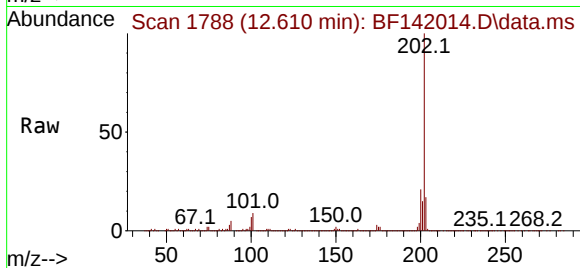
Tgt Ion:202 Resp: 823113

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.7

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

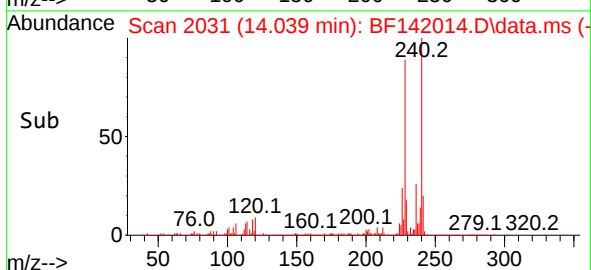
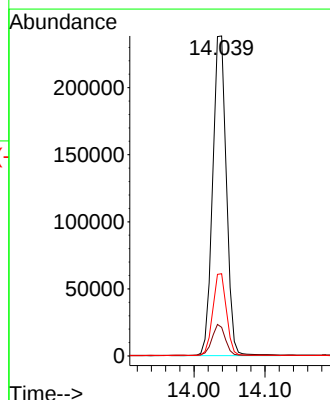
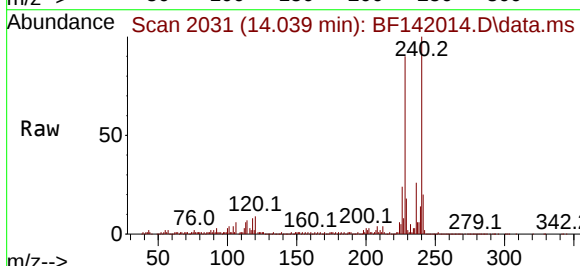
Tgt Ion:240 Resp: 319994

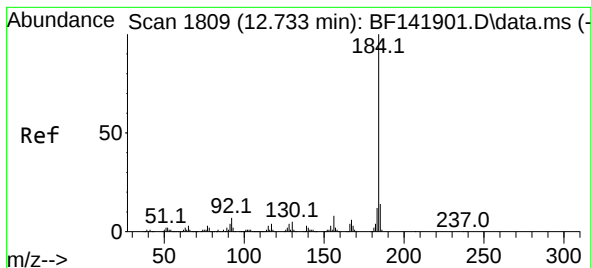
Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

236 25.7 20.5 30.7





#77

Benzidine

Concen: 53.583 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

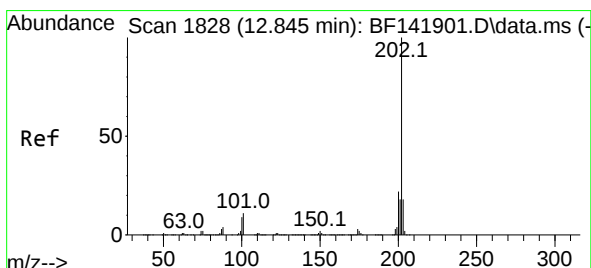
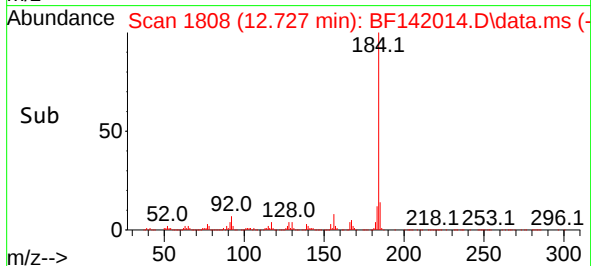
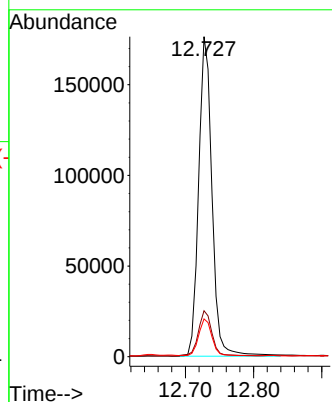
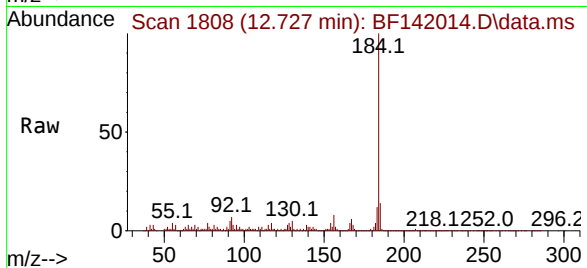
Tgt Ion:184 Resp: 239224

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.8 9.7 14.5



#78

Pyrene

Concen: 31.097 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

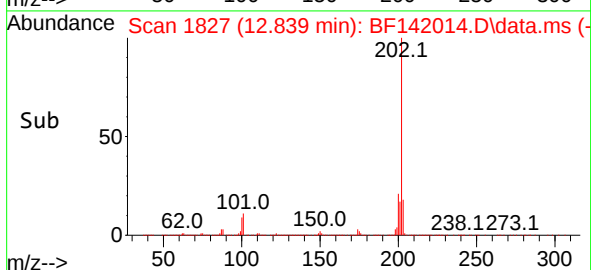
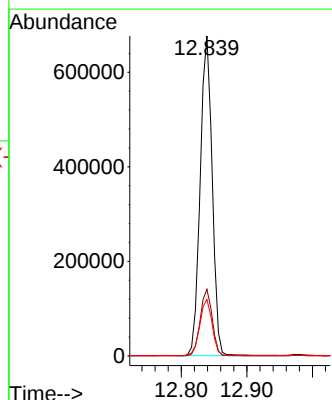
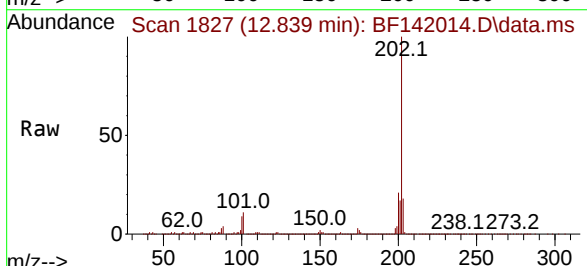
Tgt Ion:202 Resp: 860747

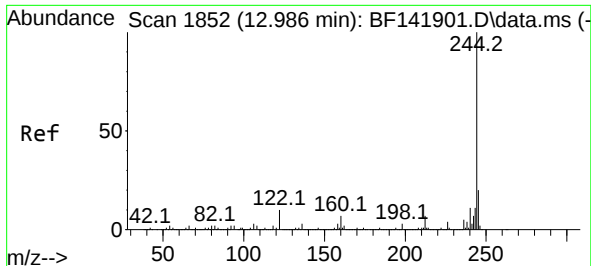
Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

203 17.7 14.4 21.6

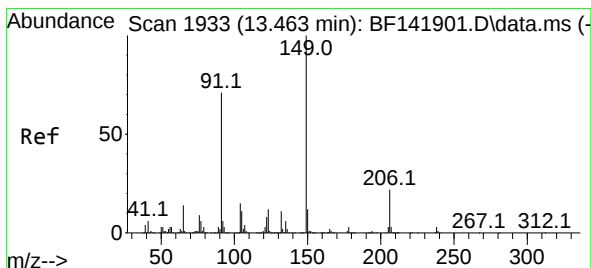
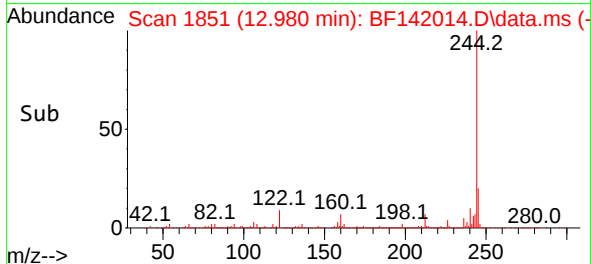
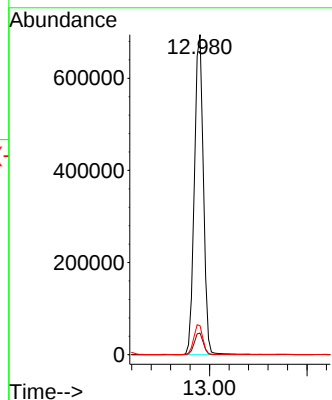
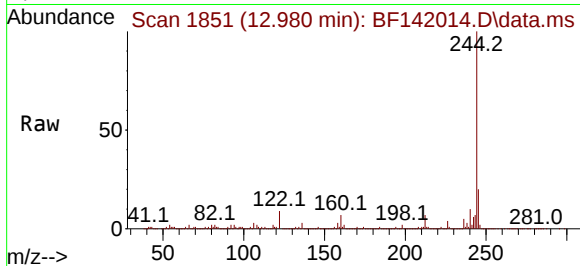




#79
 Terphenyl-d14
 Concen: 41.552 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

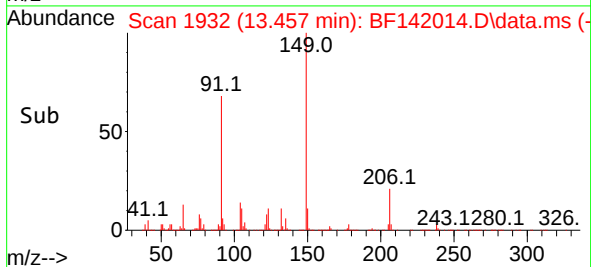
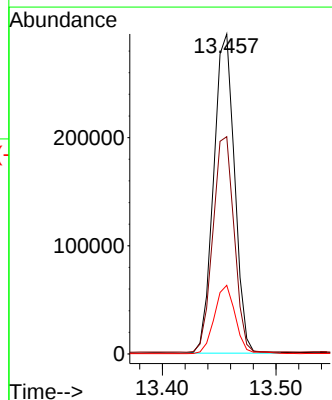
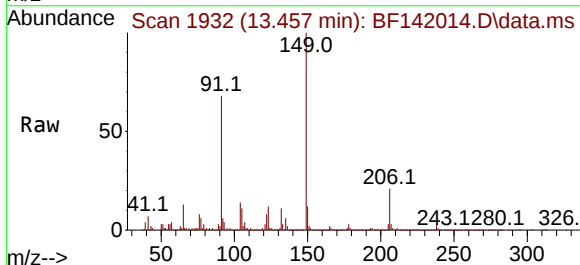
Instrument :
 BNA_F
 ClientSampleId :
 RBR251346MSD

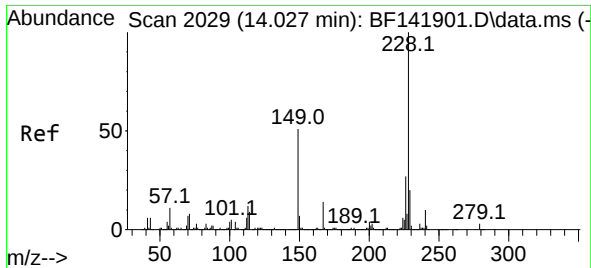
Tgt Ion:244 Resp: 899338
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.0 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 34.887 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

Tgt Ion:149 Resp: 377964
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.5 84.7
 206 21.5 17.3 25.9

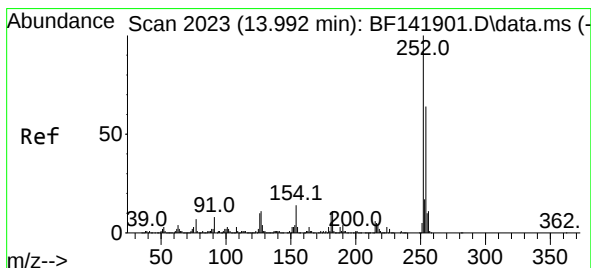
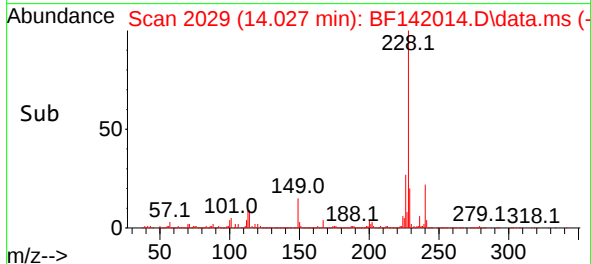
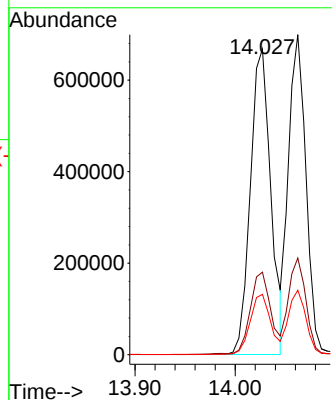
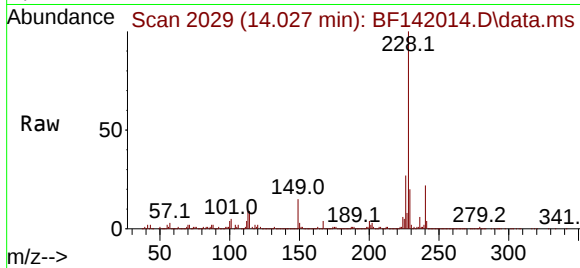




#81
Benzo(a)anthracene
Concen: 45.141 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

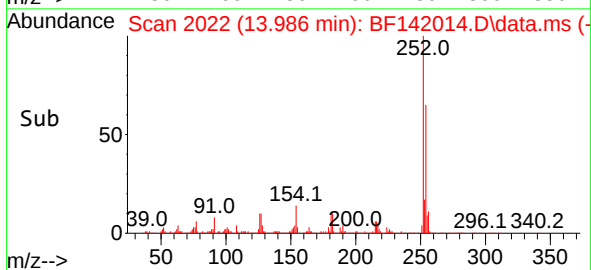
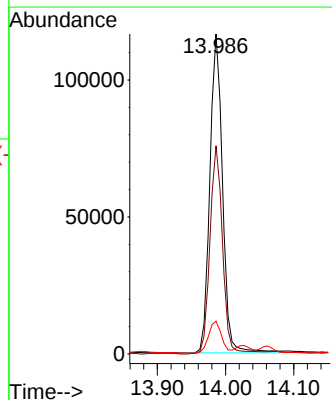
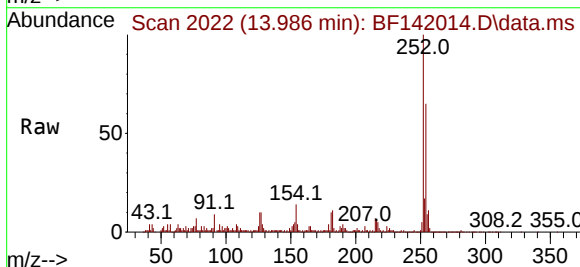
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

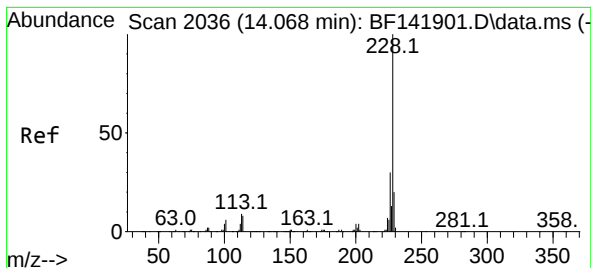
Tgt Ion:228 Resp: 947876
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 24.816 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:252 Resp: 150585
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.6
126 10.3 8.4 12.6





#83

Chrysene

Concen: 44.131 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

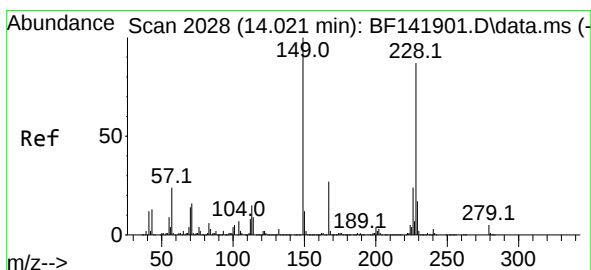
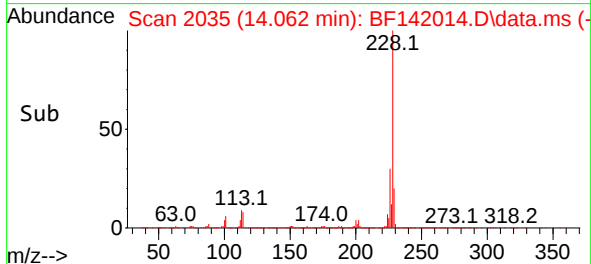
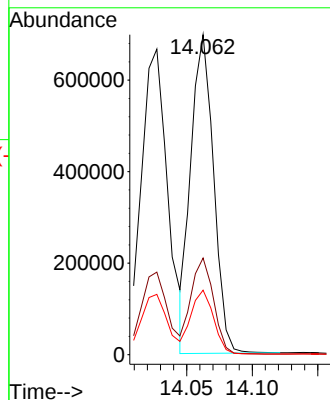
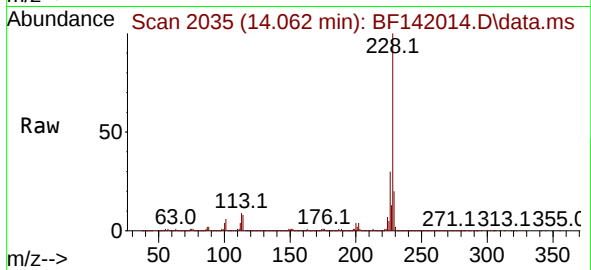
Tgt Ion:228 Resp: 839985

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.573 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

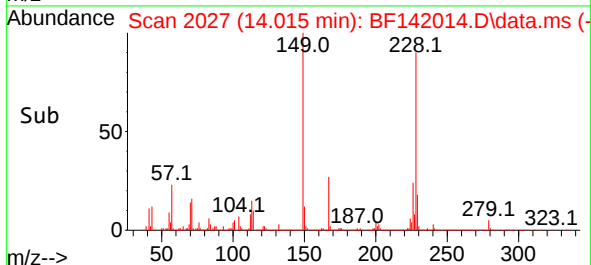
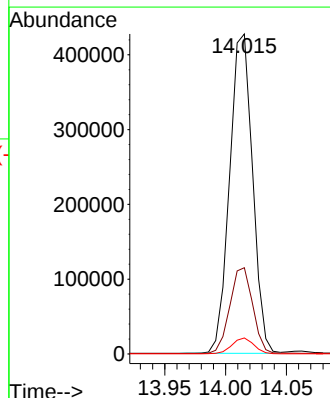
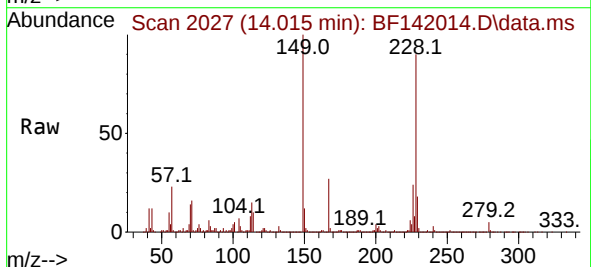
Tgt Ion:149 Resp: 561259

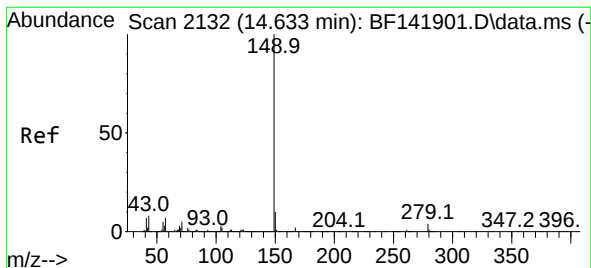
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.858 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

Instrument :

BNA_F

ClientSampleId :

RBR251346MSD

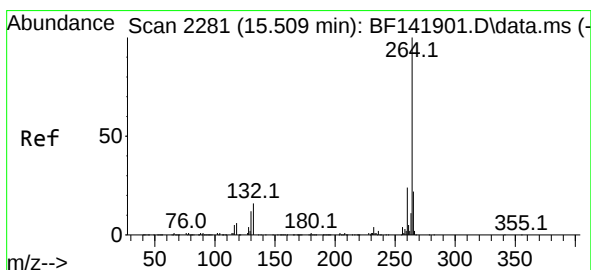
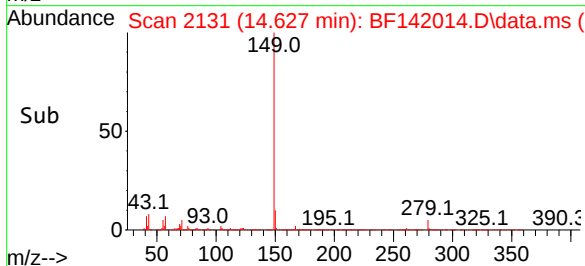
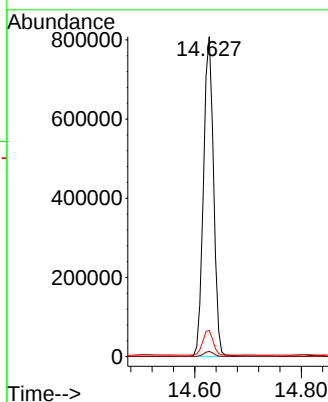
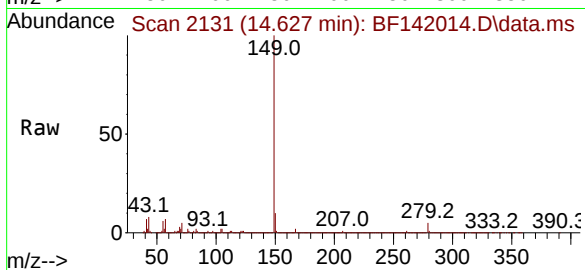
Tgt Ion:149 Resp: 1057051

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BF142014.D

Acq: 20 Mar 2025 16:36

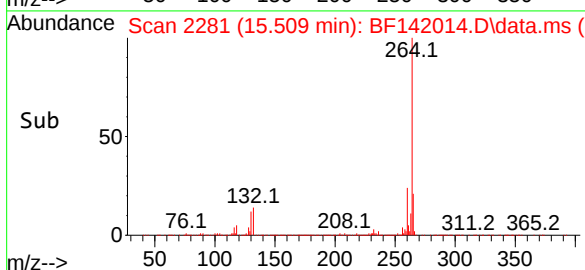
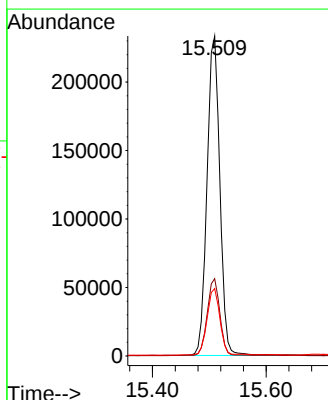
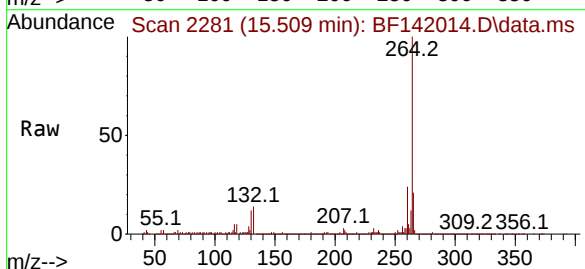
Tgt Ion:264 Resp: 363920

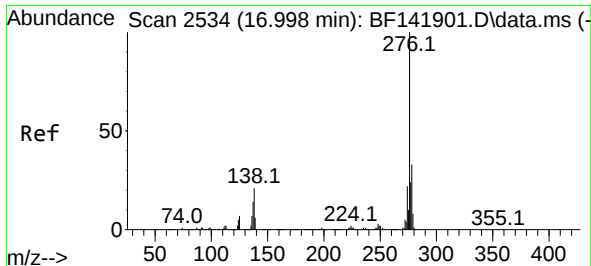
Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.0 17.5 26.3

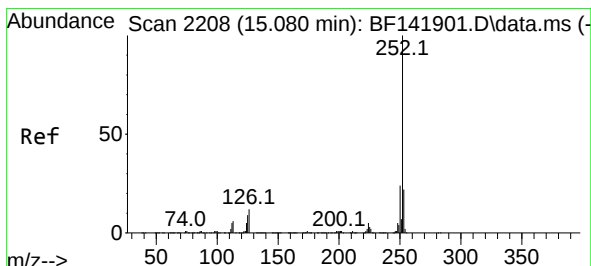
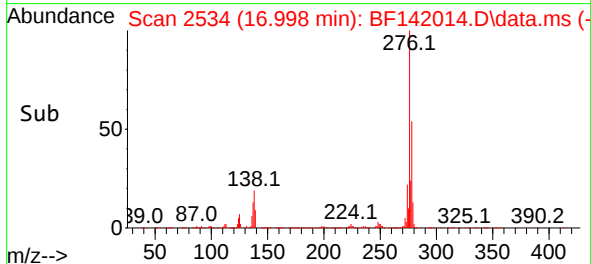
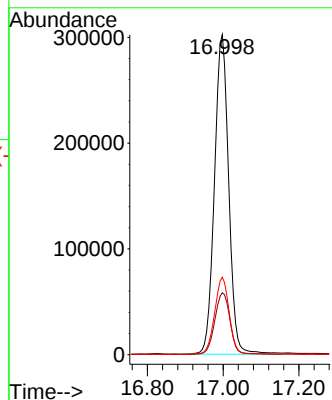
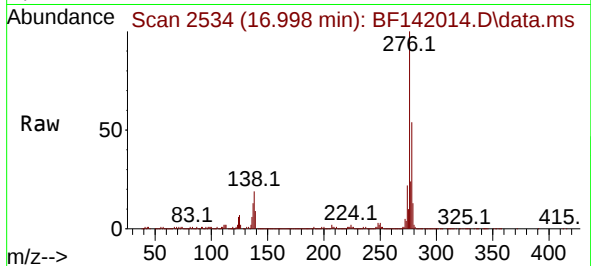




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.473 ng
 RT: 16.998 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

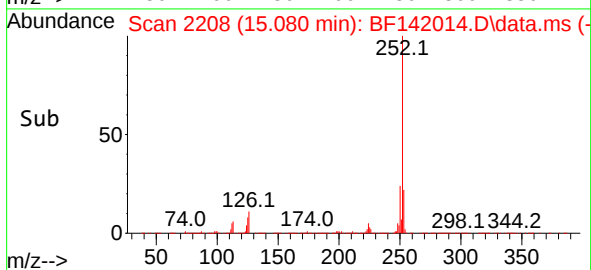
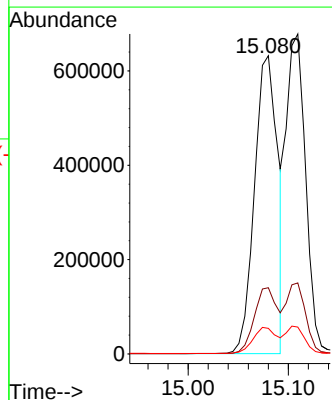
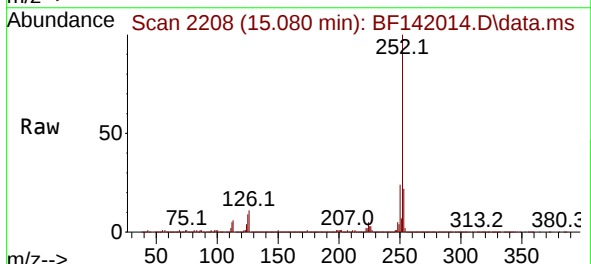
Instrument :
 BNA_F
 ClientSampleId :
 RBR251346MSD

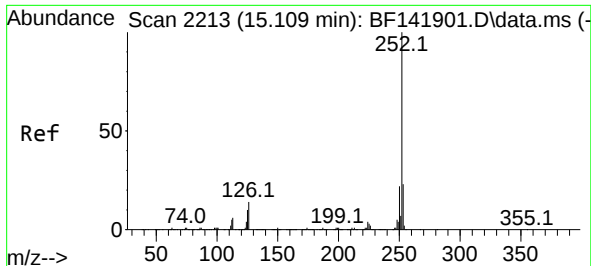
Tgt Ion:276 Resp: 788010
 Ion Ratio Lower Upper
 276 100
 138 20.8 18.4 27.6
 277 24.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 40.696 ng
 RT: 15.080 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: BF142014.D
 Acq: 20 Mar 2025 16:36

Tgt Ion:252 Resp: 1015022
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 8.6 7.0 10.4

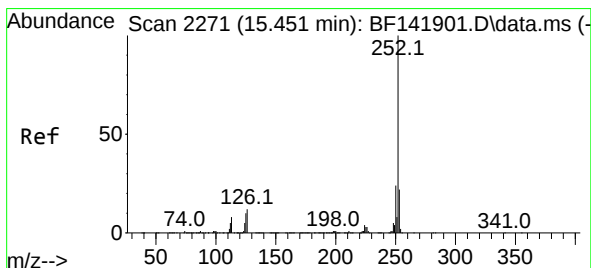
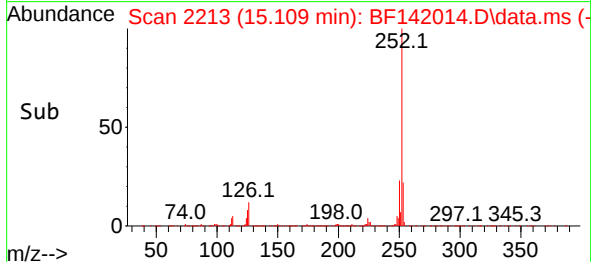
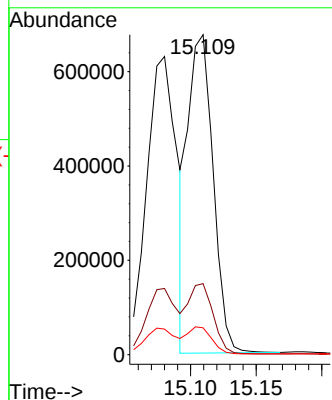
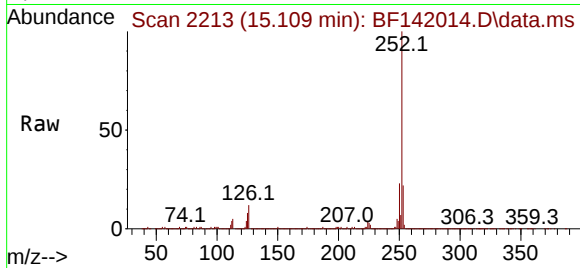




#89
Benzo(k)fluoranthene
Concen: 42.314 ng
RT: 15.109 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

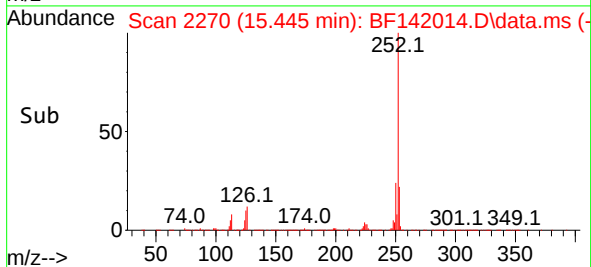
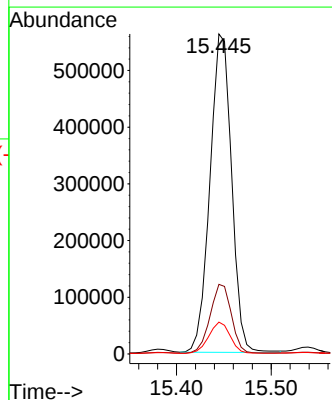
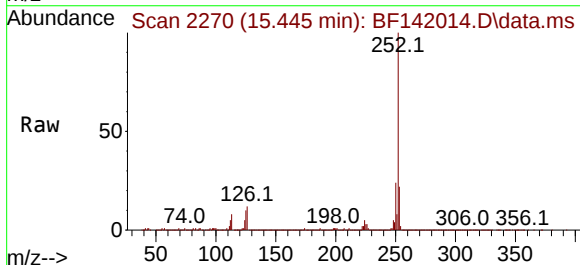
Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

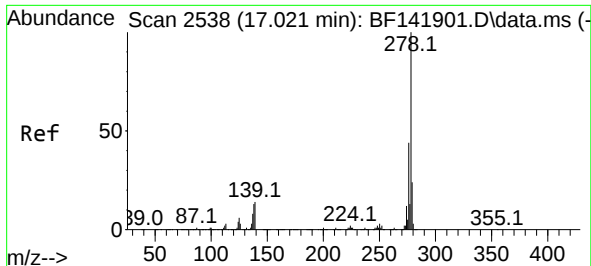
Tgt Ion:252 Resp: 903166
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.4 7.2 10.8



#90
Benzo(a)pyrene
Concen: 45.627 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:252 Resp: 890452
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.9 7.8 11.8

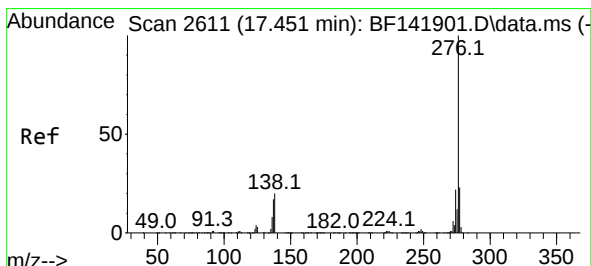
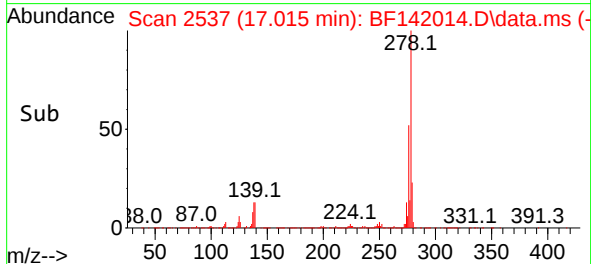
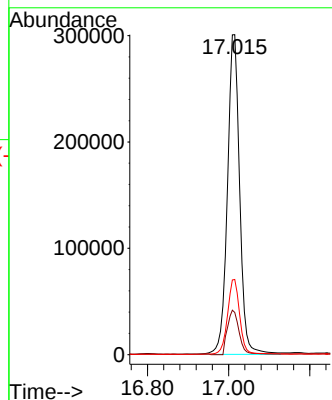
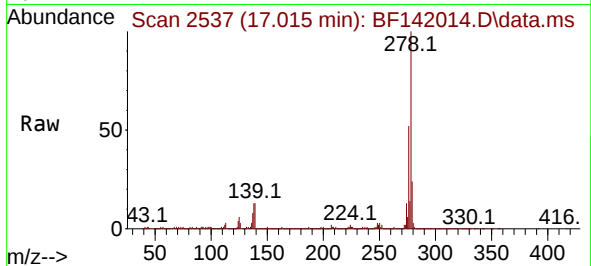




#91
Dibenzo(a,h)anthracene
Concen: 32.576 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

Tgt Ion:278 Resp: 632731
Ion Ratio Lower Upper
278 100
139 13.2 11.4 17.2
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 27.756 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142014.D
Acq: 20 Mar 2025 16:36

Tgt Ion:276 Resp: 532750
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 18.3 15.8 23.8

