

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141017.D
 Acq On : 28 Dec 2024 00:21
 Operator : RC/JU
 Sample : P5387-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122624MSD

Quant Time: Dec 28 01:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	212429	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	718907	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	344499	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	546946	20.000	ng	0.00
76) Chrysene-d12	13.986	240	323787	20.000	ng	0.00
86) Perylene-d12	15.445	264	295704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1303461	92.492	ng	0.00
7) Phenol-d6	6.451	99	1621368	89.310	ng	0.00
23) Nitrobenzene-d5	7.387	82	934017	83.121	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	338204	101.031	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1439247	66.562	ng	0.00
79) Terphenyl-d14	12.933	244	1331449	68.302	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	269014	42.164	ng	99
3) Pyridine	3.334	79	709188	45.484	ng	99
4) n-Nitrosodimethylamine	3.281	42	377403	47.771	ng	99
6) Aniline	6.487	93	564313	34.853	ng	99
8) 2-Chlorophenol	6.610	128	730463	49.163	ng	98
9) Benzaldehyde	6.375	77	167270	13.329	ng	# 87
10) Phenol	6.463	94	947146	50.455	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	705448	46.542	ng	98
12) 1,3-Dichlorobenzene	6.769	146	742974	45.310	ng	99
13) 1,4-Dichlorobenzene	6.845	146	744396	45.033	ng	99
14) 1,2-Dichlorobenzene	6.998	146	706303	45.828	ng	99
15) Benzyl Alcohol	6.969	79	620577	47.569	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1050032	45.808	ng	91
17) 2-Methylphenol	7.075	107	581453	47.105	ng	98
18) Hexachloroethane	7.345	117	301634	51.368	ng	100
19) n-Nitroso-di-n-propyla...	7.240	70	529109	47.573	ng	99
20) 3+4-Methylphenols	7.228	107	710240	45.468	ng	94
22) Acetophenone	7.240	105	1099458	62.342	ng	# 97
24) Nitrobenzene	7.410	77	717803	57.168	ng	96
25) Isophorone	7.651	82	1337199	54.687	ng	# 96
26) 2-Nitrophenol	7.728	139	292731	55.908	ng	# 93
27) 2,4-Dimethylphenol	7.763	122	546471	61.151	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	777909	50.213	ng	95
29) 2,4-Dichlorophenol	7.963	162	512347	50.551	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	539703	47.047	ng	100
31) Naphthalene	8.134	128	2023154	53.407	ng	99
32) Benzoic acid	7.857	122	361993	49.027	ng	# 82
33) 4-Chloroaniline	8.181	127	334702	24.423	ng	98
34) Hexachlorobutadiene	8.251	225	335694	49.639	ng	99
35) Caprolactam	8.534	113	214691	62.310	ng	# 48
36) 4-Chloro-3-methylphenol	8.651	107	518509	46.066	ng	99
37) 2-Methylnaphthalene	8.822	142	1291455	53.290	ng	99
38) 1-Methylnaphthalene	8.922	142	1132221	47.538	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	485729	51.250	ng	98
41) Hexachlorocyclopentadiene	8.975	237	72610	23.119	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	330397	52.379	ng	100

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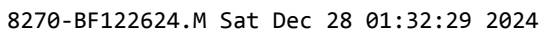
Instrument :
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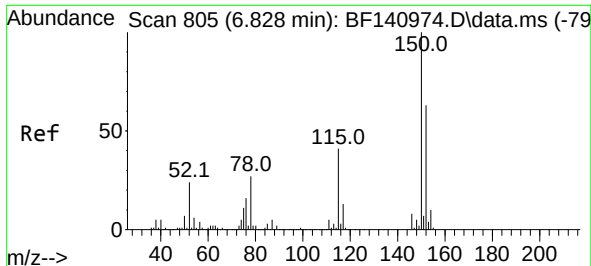
Quant Time: Dec 28 01:32:21 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	307666	47.670	ng	# 88
46) 1,1'-Biphenyl	9.286	154	1351796	51.247	ng	100
47) 2-Chloronaphthalene	9.310	162	965170	47.178	ng	99
48) 2-Nitroaniline	9.404	65	335126	61.203	ng	95
49) Acenaphthylene	9.728	152	1472233	49.990	ng	99
50) Dimethylphthalate	9.586	163	1100993	48.587	ng	99
51) 2,6-Dinitrotoluene	9.645	165	219995	47.636	ng	99
52) Acenaphthene	9.898	154	926649	46.542	ng	99
53) 3-Nitroaniline	9.810	138	219175	43.911	ng	96
54) 2,4-Dinitrophenol	9.916	184	20986	21.203	ng	# 39
55) Dibenzofuran	10.069	168	1342935	47.996	ng	99
56) 4-Nitrophenol	9.963	139	411579	106.182	ng	96
57) 2,4-Dinitrotoluene	10.045	165	280081	49.385	ng	# 97
58) Fluorene	10.416	166	1021197	47.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	262577	49.123	ng	# 84
60) Diethylphthalate	10.286	149	1067243	47.707	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	488852	46.824	ng	98
62) 4-Nitroaniline	10.422	138	237871	47.422	ng	96
63) Azobenzene	10.569	77	1165078	49.618	ng	92
65) 4,6-Dinitro-2-methylph...	10.451	198	17917	15.960	ng	# 1
66) n-Nitrosodiphenylamine	10.522	169	929110	53.945	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	315404	53.345	ng	99
68) Hexachlorobenzene	10.963	284	322161	49.415	ng	99
69) Atrazine	11.051	200	322193	66.961	ng	98
70) Pentachlorophenol	11.151	266	394435	97.173	ng	99
71) Phenanthrene	11.375	178	1601133	55.621	ng	99
72) Anthracene	11.428	178	1542658	54.691	ng	100
73) Carbazole	11.580	167	1372377	50.612	ng	99
74) Di-n-butylphthalate	11.916	149	1663865	53.949	ng	100
75) Fluoranthene	12.563	202	1567974	50.222	ng	99
77) Benzidine	12.680	184	463745	67.770	ng	97
78) Pyrene	12.792	202	1554708	54.902	ng	100
80) Butylbenzylphthalate	13.410	149	605751	58.582	ng	97
81) Benzo(a)anthracene	13.974	228	1148763	50.907	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	285585	42.122	ng	100
83) Chrysene	14.016	228	980401	48.195	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	771495	57.519	ng	99
85) Di-n-octyl phthalate	14.592	149	1165058	60.014	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	830504	44.579	ng	96
88) Benzo(b)fluoranthene	15.021	252	1042725	50.560	ng	98
89) Benzo(k)fluoranthene	15.051	252	773805	47.872	ng	99
90) Benzo(a)pyrene	15.386	252	840201	52.488	ng	98
91) Dibenzo(a,h)anthracene	16.921	278	670482	44.398	ng	100
92) Benzo(g,h,i)perylene	17.339	276	574060	36.650	ng	99

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

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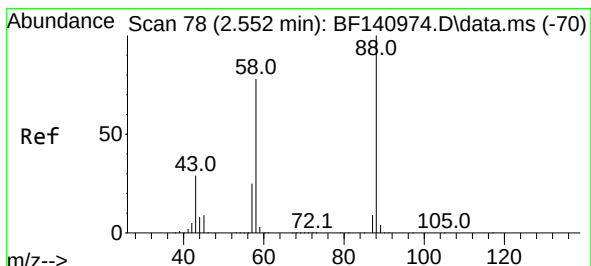
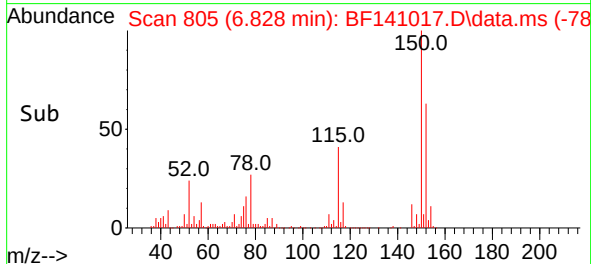
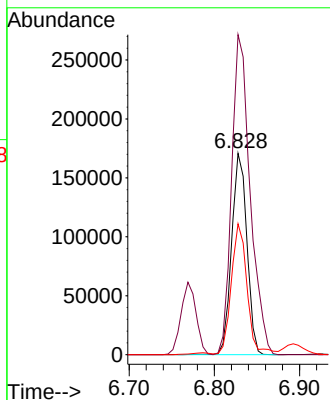
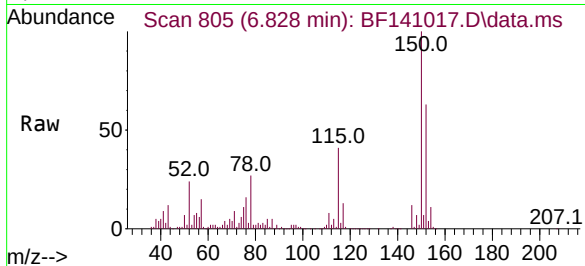




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141017.D
 Acq: 28 Dec 2024 00:21

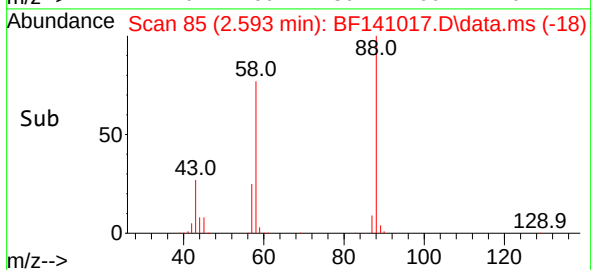
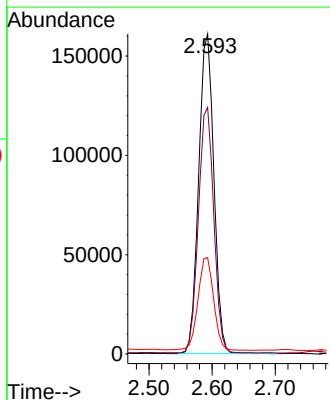
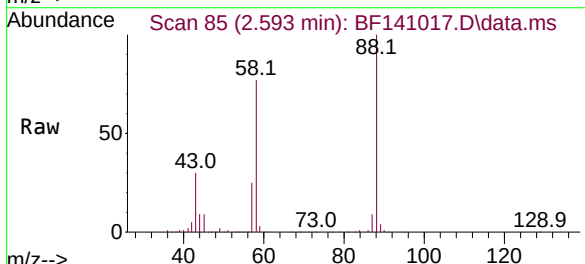
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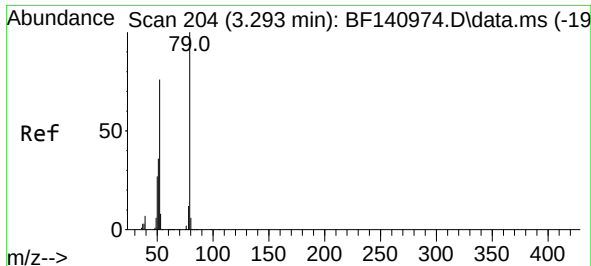
Tgt Ion:152 Resp: 212429
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.0 190.6
 115 65.0 51.7 77.5



#2
 1,4-Dioxane
 Concen: 42.164 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.041 min
 Lab File: BF141017.D
 Acq: 28 Dec 2024 00:21

Tgt Ion: 88 Resp: 269014
 Ion Ratio Lower Upper
 88 100
 58 77.8 63.0 94.4
 43 30.0 23.4 35.2

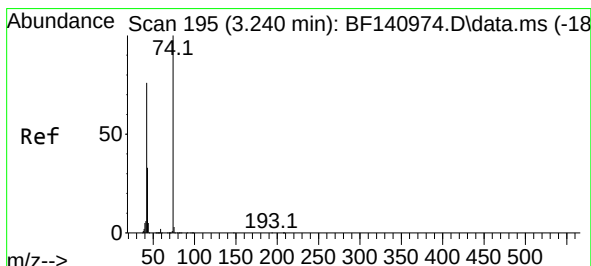
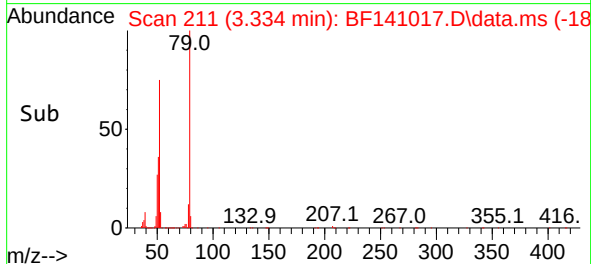
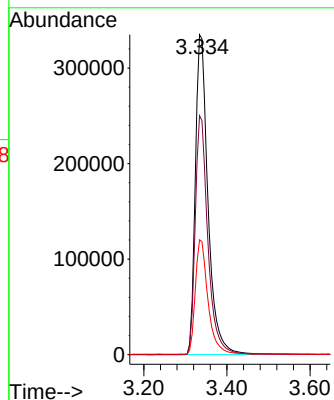
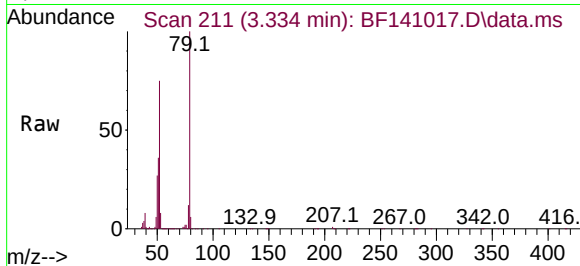




#3
Pyridine
Concen: 45.484 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.041 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

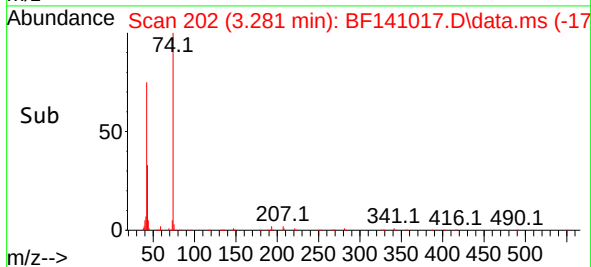
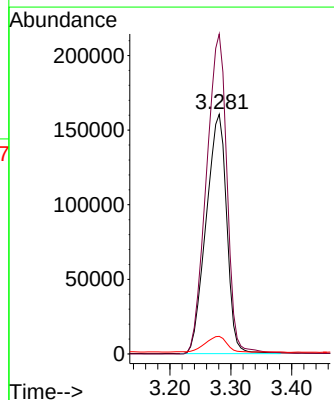
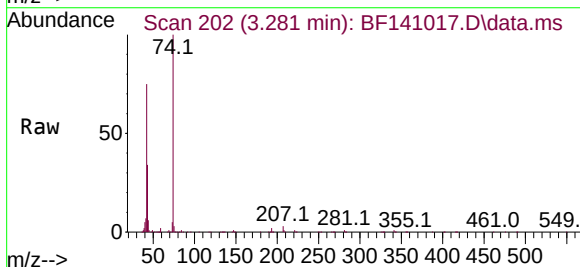
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

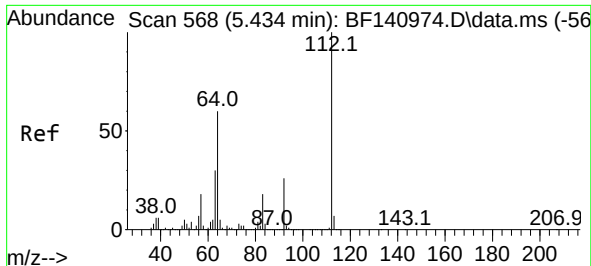
Tgt Ion: 79 Resp: 709188
Ion Ratio Lower Upper
79 100
52 74.7 60.4 90.6
51 35.9 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 47.771 ng
RT: 3.281 min Scan# 202
Delta R.T. 0.041 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion: 42 Resp: 377403
Ion Ratio Lower Upper
42 100
74 133.5 105.8 158.6
44 7.4 6.6 10.0

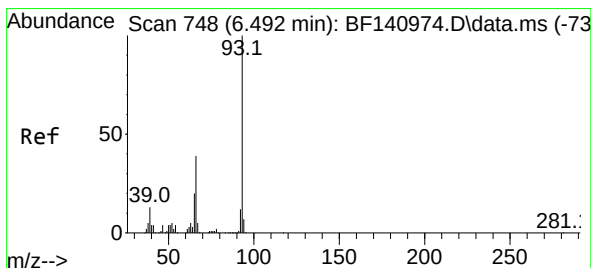
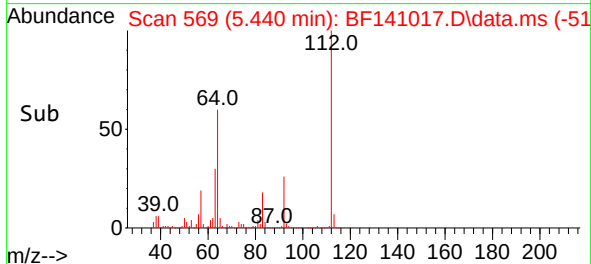
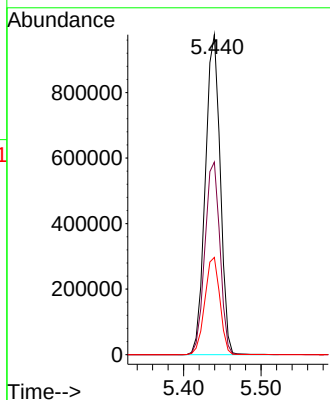
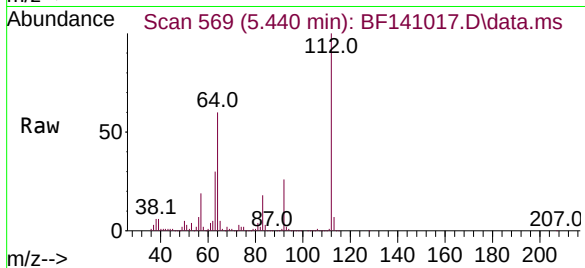




#5
2-Fluorophenol
Concen: 92.492 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

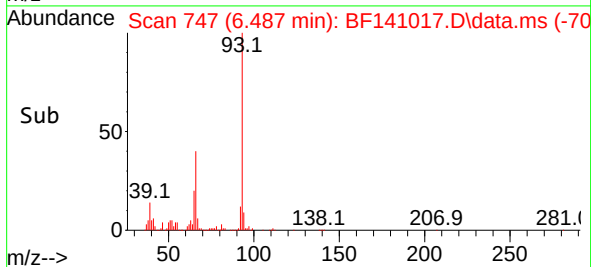
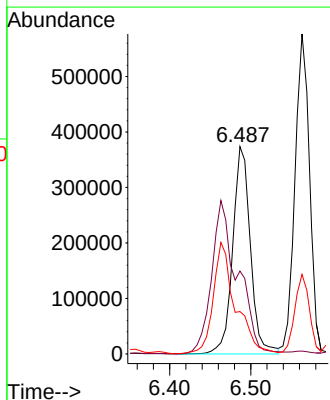
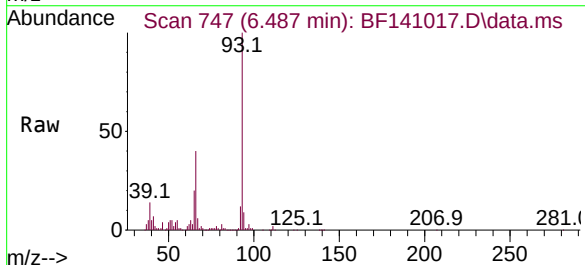
Instrument :
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ClientSampleId :
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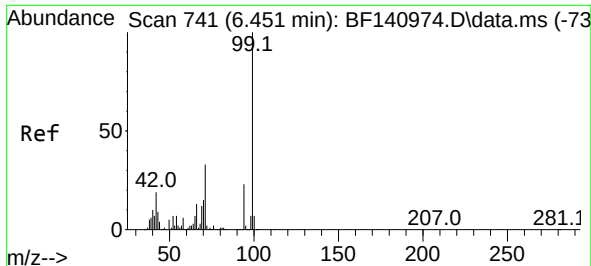
Tgt Ion:112 Resp: 1303461
Ion Ratio Lower Upper
112 100
64 60.2 47.7 71.5
63 30.4 24.2 36.2



#6
Aniline
Concen: 34.853 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion: 93 Resp: 564313
Ion Ratio Lower Upper
93 100
66 40.0 31.8 47.8
65 20.4 15.4 23.0





#7

Phenol-d6

Concen: 89.310 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF141017.D

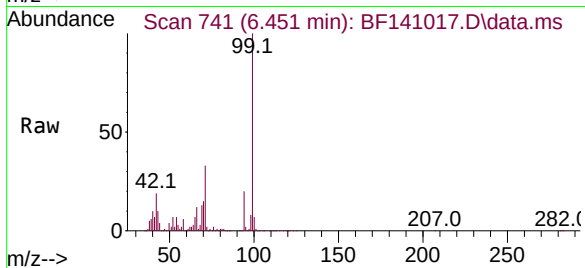
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Instrument :

BNA_F

ClientSampleId :

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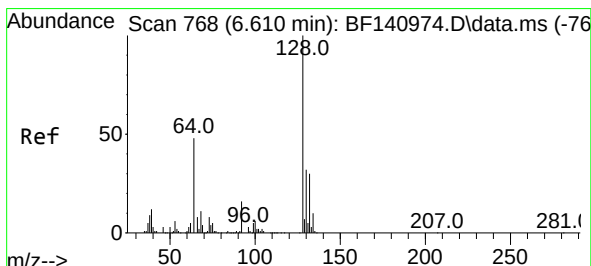
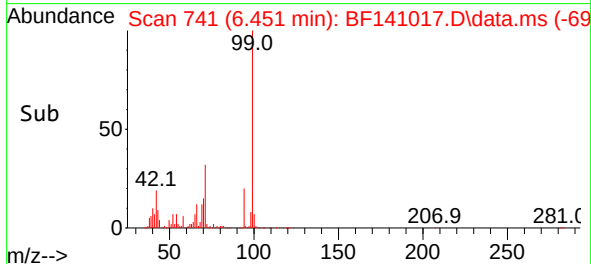
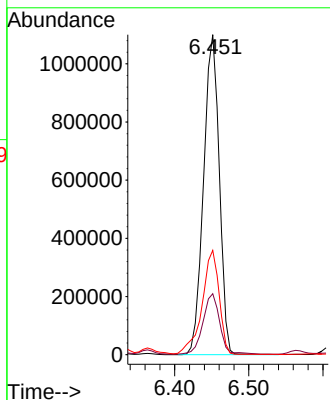
Tgt Ion: 99 Resp: 1621368

Ion Ratio Lower Upper

99 100

42 19.1 15.0 22.4

71 32.6 26.2 39.2



#8

2-Chlorophenol

Concen: 49.163 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

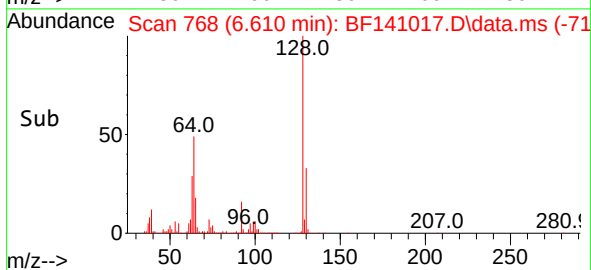
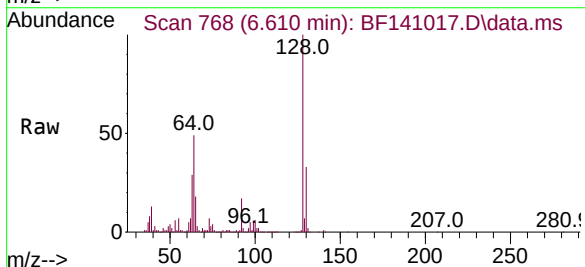
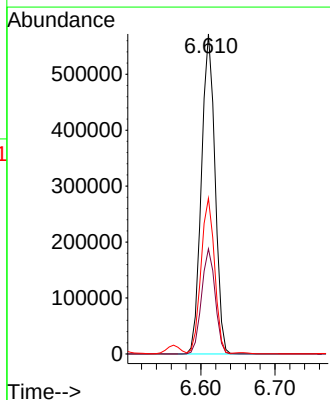
Tgt Ion:128 Resp: 730463

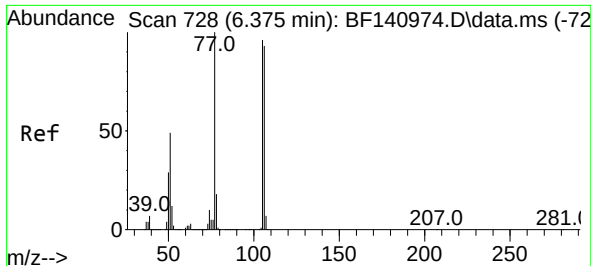
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 48.7 30.3 70.3

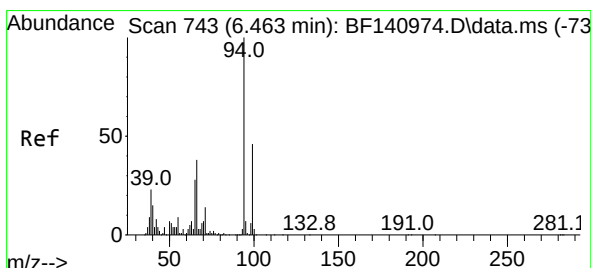
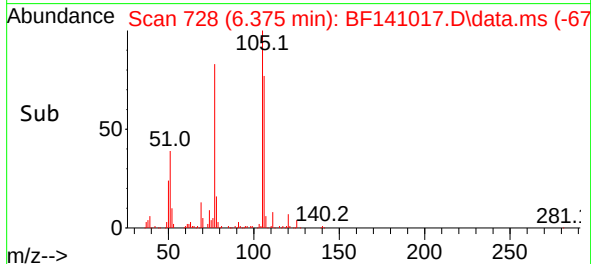
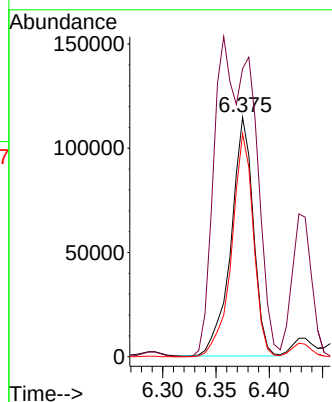
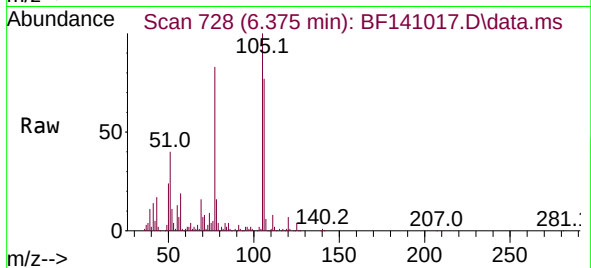




#9
Benzaldehyde
Concen: 13.329 ng
RT: 6.375 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

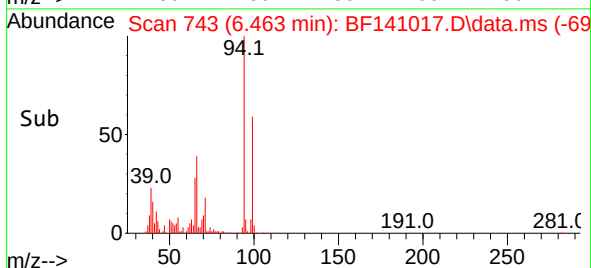
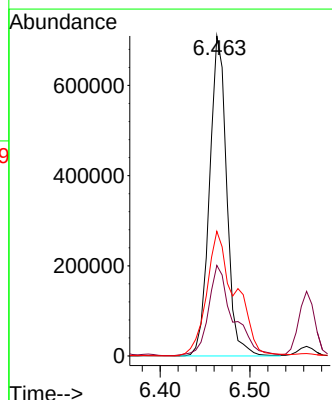
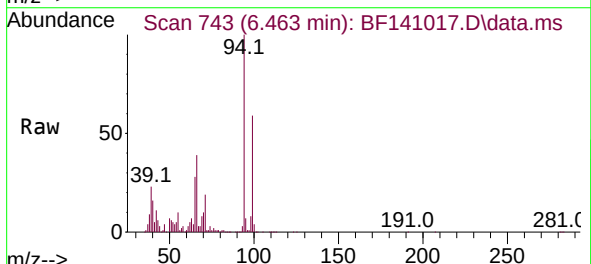
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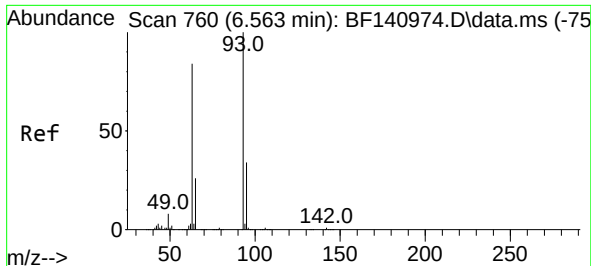
Tgt Ion: 77 Resp: 167270
Ion Ratio Lower Upper
77 100
105 120.4 76.2 116.2#
106 93.2 73.4 113.4



#10
Phenol
Concen: 50.455 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion: 94 Resp: 947146
Ion Ratio Lower Upper
94 100
65 28.3 8.1 48.1
66 38.9 18.7 58.7

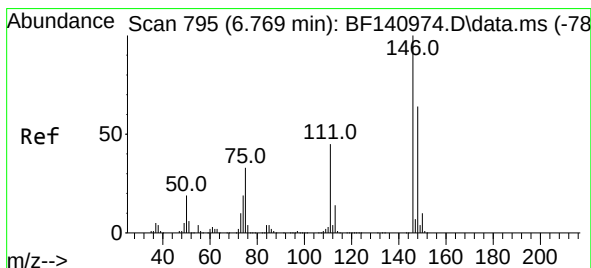
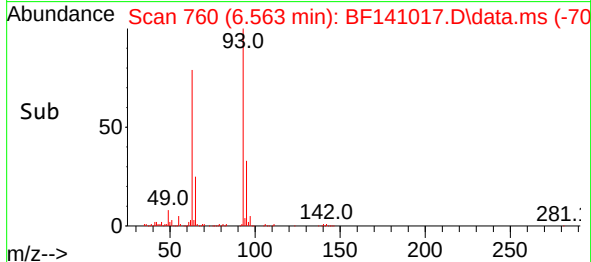
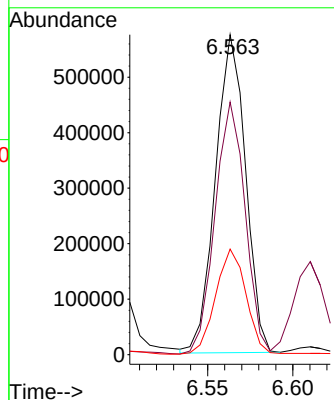
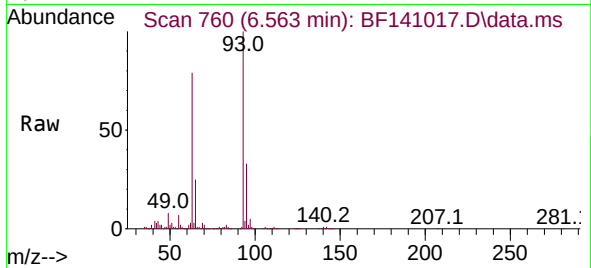




#11
bis(2-Chloroethyl)ether
Concen: 46.542 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

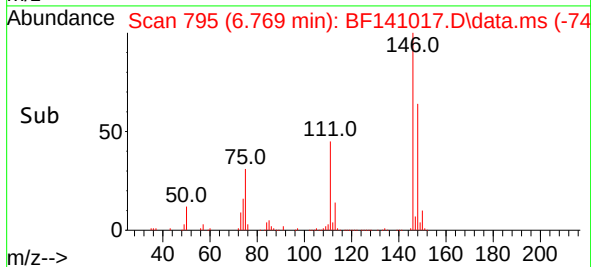
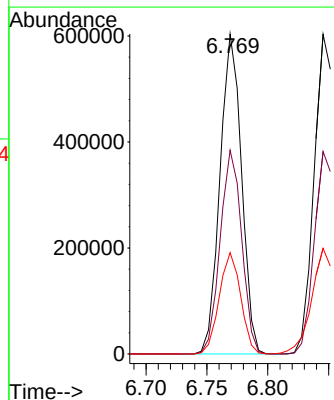
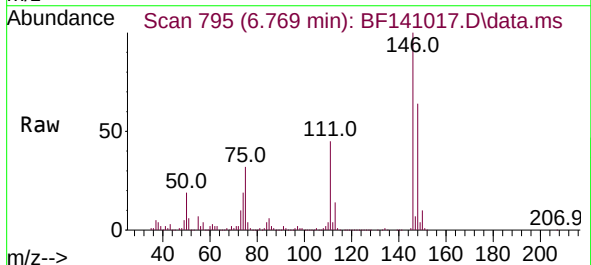
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

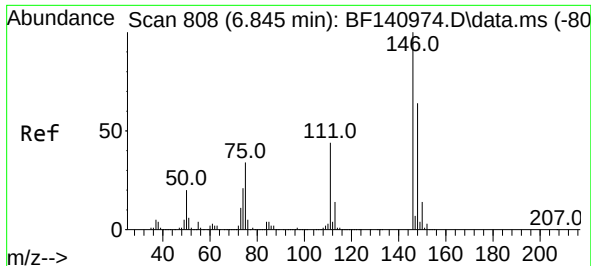
Tgt Ion: 93 Resp: 705448
Ion Ratio Lower Upper
93 100
63 78.9 60.3 100.3
95 33.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.310 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:146 Resp: 742974
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.7 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 45.033 ng

RT: 6.845 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

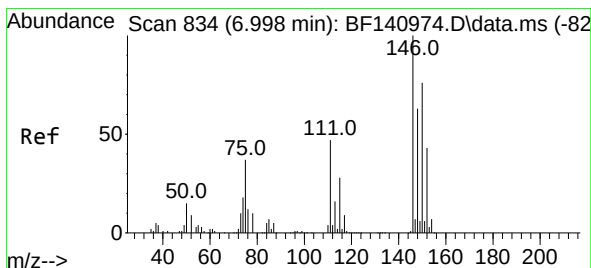
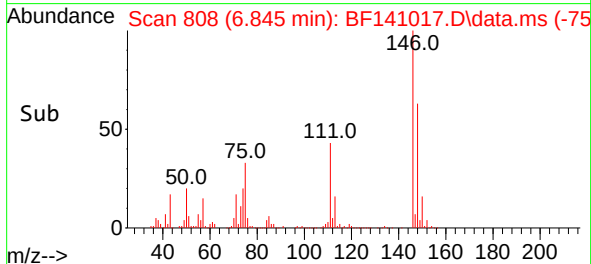
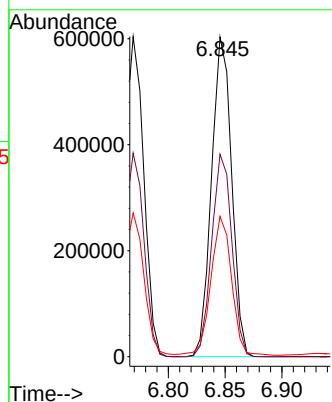
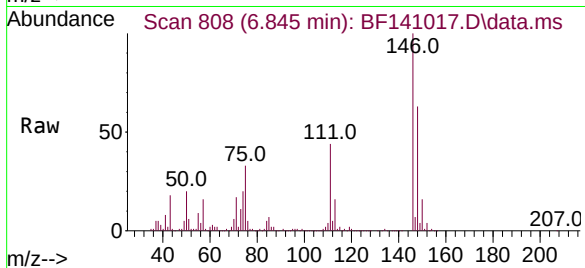
Tgt Ion:146 Resp: 744396

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 43.9 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 45.828 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

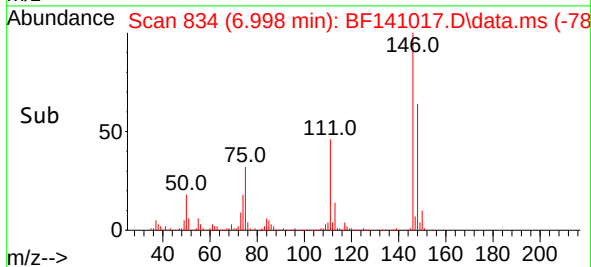
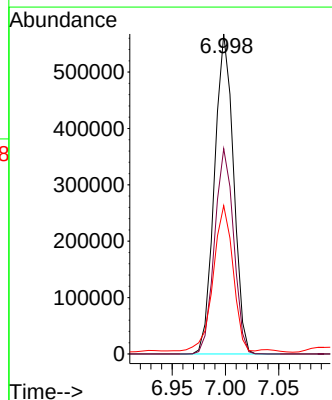
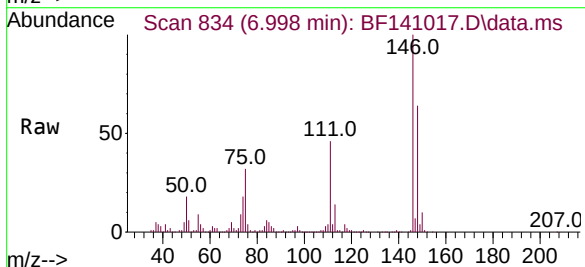
Tgt Ion:146 Resp: 706303

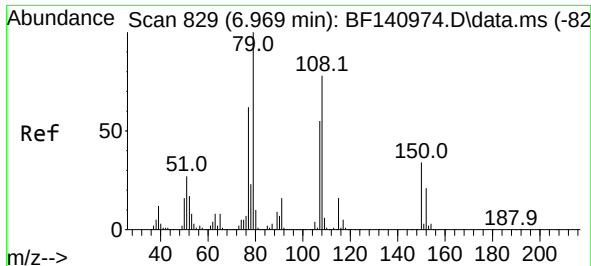
Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

111 46.3 37.3 55.9

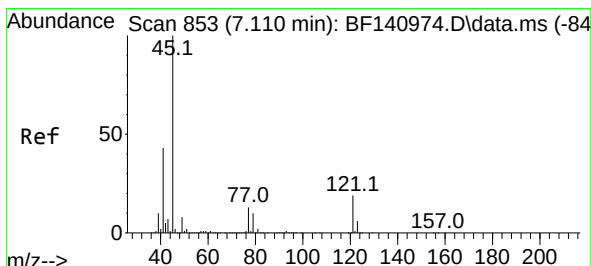
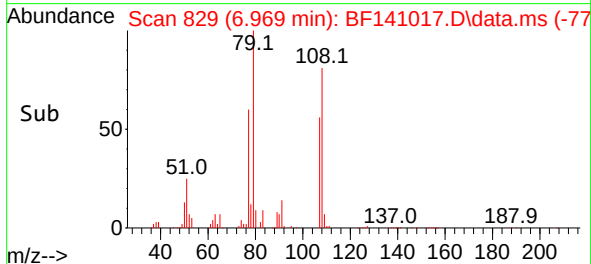
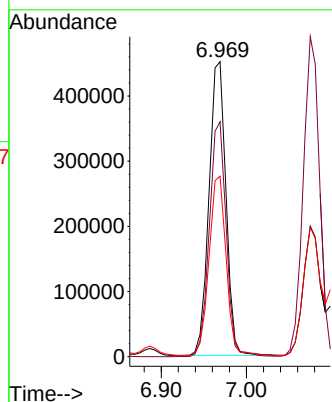
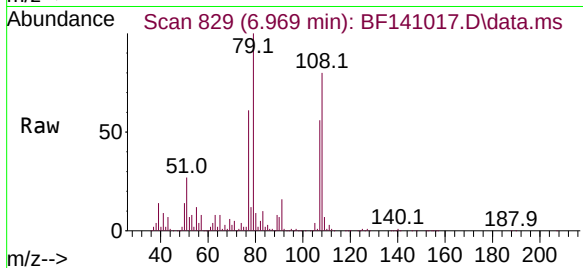




#15
Benzyl Alcohol
Concen: 47.569 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

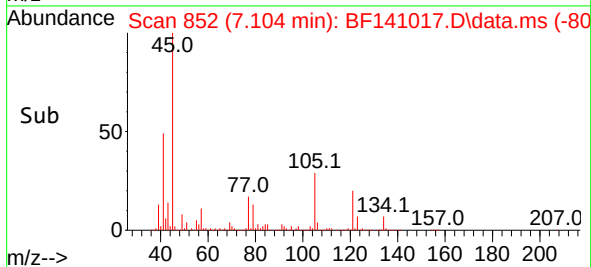
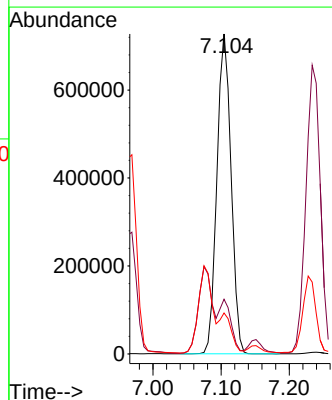
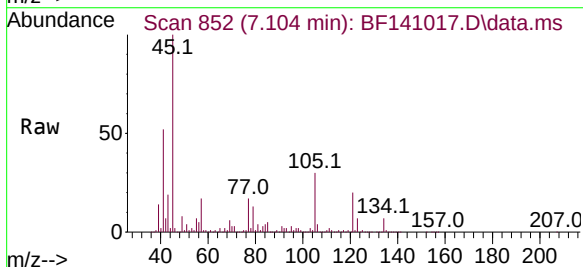
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

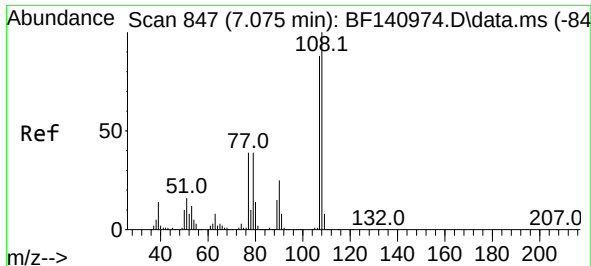
Tgt Ion: 79 Resp: 620577
Ion Ratio Lower Upper
79 100
108 79.6 62.5 93.7
77 61.2 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.808 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion: 45 Resp: 1050032
Ion Ratio Lower Upper
45 100
77 17.1 0.0 33.1
79 12.8 0.0 30.1





#17

2-Methylphenol

Concen: 47.105 ng

RT: 7.075 min Scan# 847

Delta R.T. 0.000 min

Lab File: BF141017.D

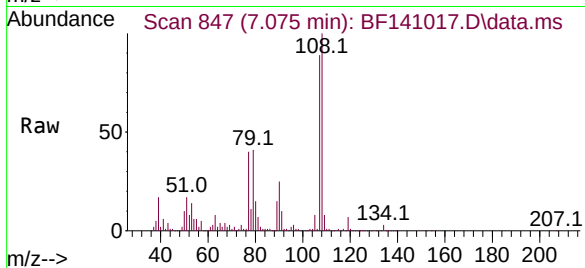
Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD



Tgt Ion:107 Resp: 581453

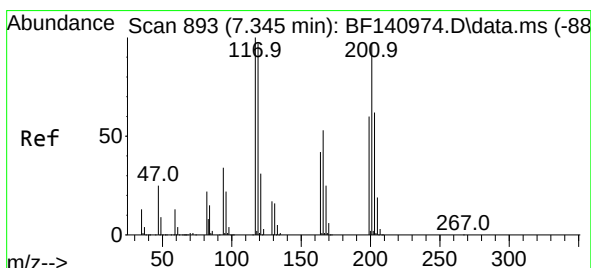
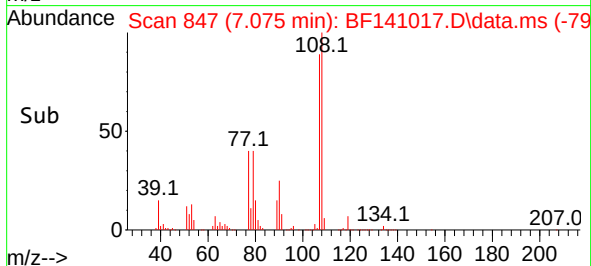
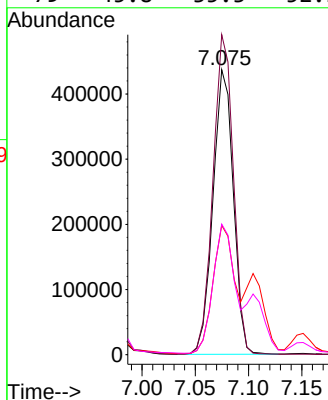
Ion Ratio Lower Upper

107 100

108 112.3 90.6 136.0

77 45.4 35.3 52.9

79 45.8 35.3 52.9



#18

Hexachloroethane

Concen: 51.368 ng

RT: 7.345 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

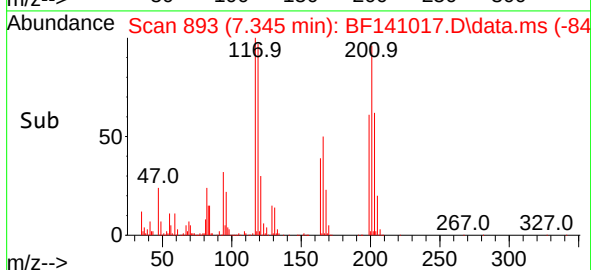
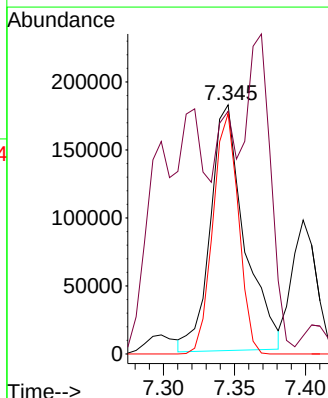
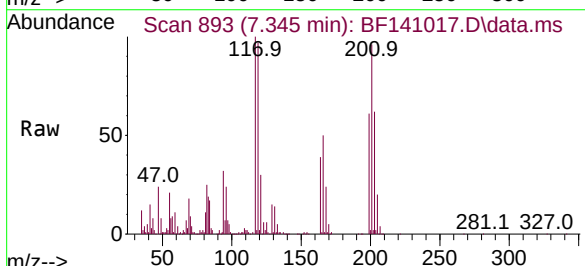
Tgt Ion:117 Resp: 301634

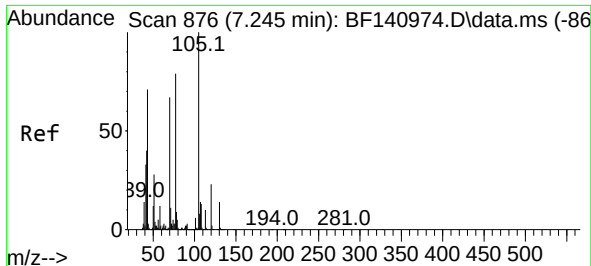
Ion Ratio Lower Upper

117 100

119 97.4 77.5 116.3

201 96.4 77.4 116.2

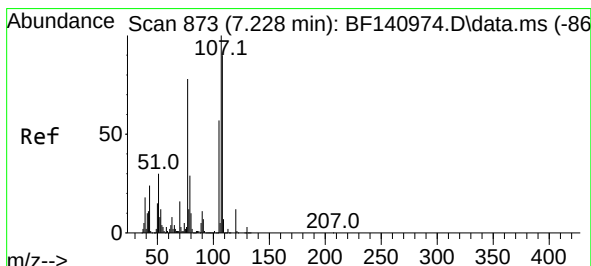
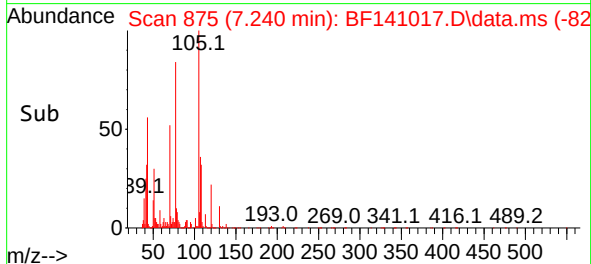
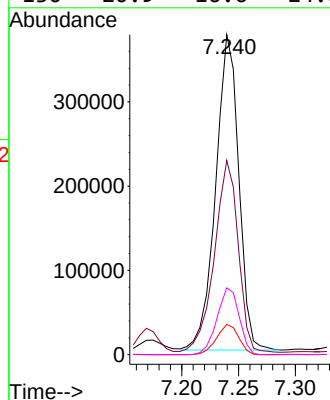
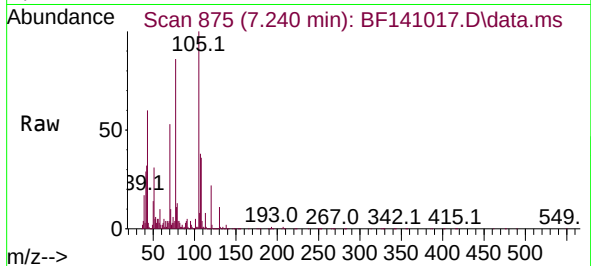




#19
n-Nitroso-di-n-propylamine
Concen: 47.573 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

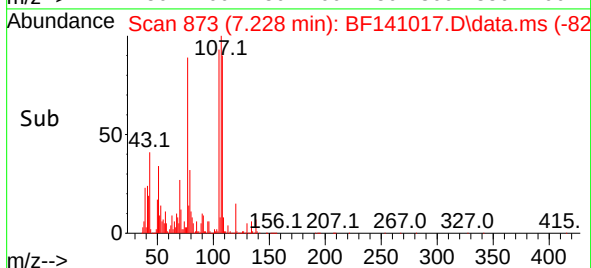
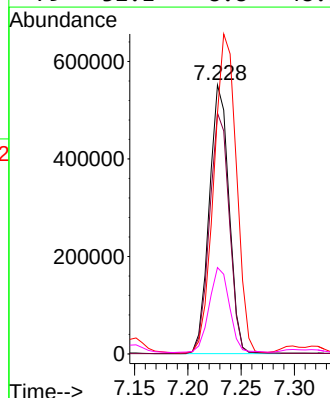
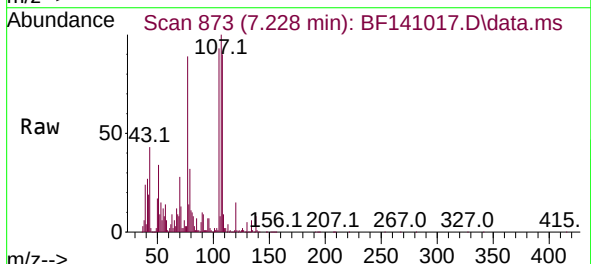
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

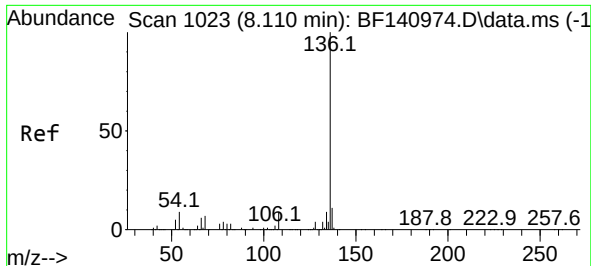
Tgt Ion: 70 Resp: 529109
Ion Ratio Lower Upper
70 100
42 60.7 48.1 72.1
101 9.5 7.6 11.4
130 20.9 16.6 24.8



#20
3+4-Methylphenols
Concen: 45.468 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:107 Resp: 710240
Ion Ratio Lower Upper
107 100
108 89.6 69.6 109.6
77 89.4 57.6 97.6
79 32.1 8.8 48.8

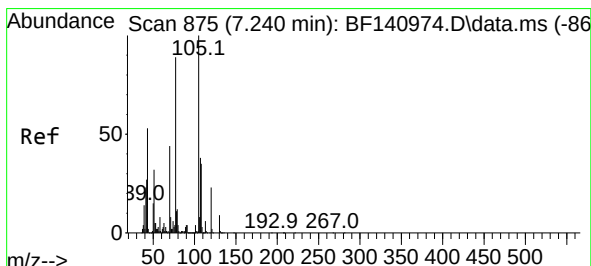
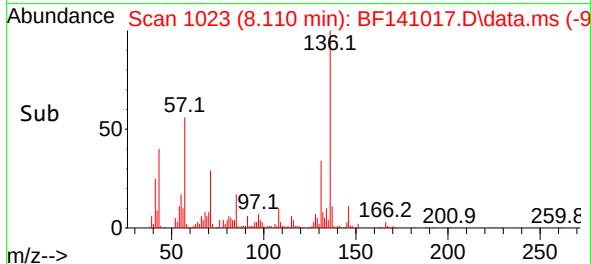
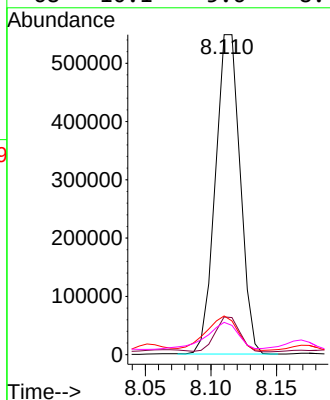
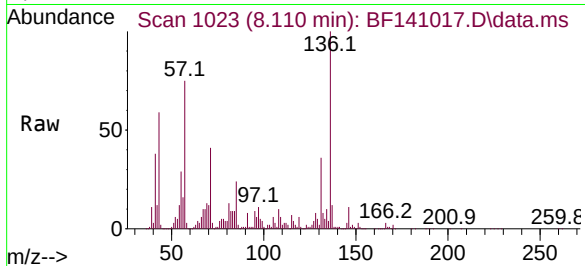




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

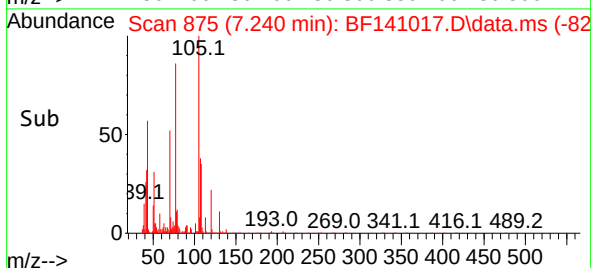
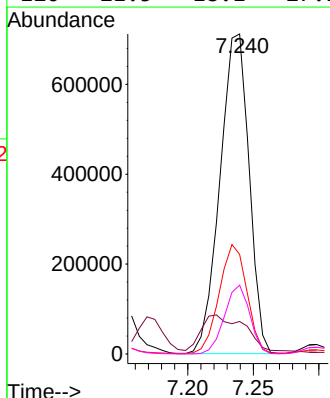
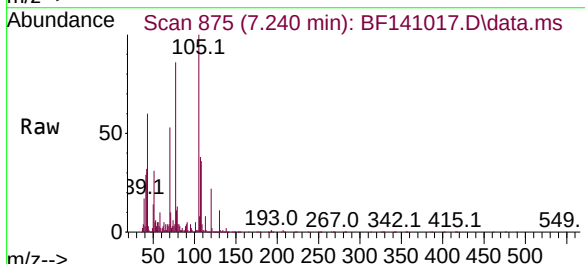
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

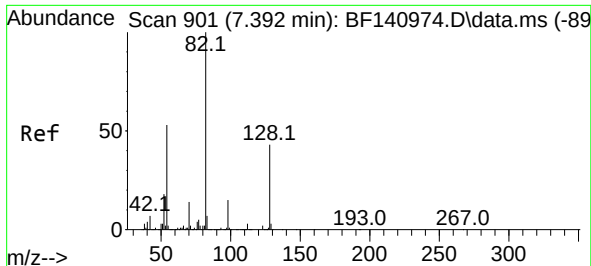
Tgt Ion:	136	Resp:	718907
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.0	13.4
54	12.1	7.6	11.4#
68	10.1	5.6	8.4#



#22
Acetophenone
Concen: 62.342 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:	105	Resp:	1099458
Ion Ratio	Lower	Upper	
105	100		
71	10.1	6.1	9.1#
51	31.1	25.8	38.6
120	21.5	18.1	27.1





#23

Nitrobenzene-d5

Concen: 83.121 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

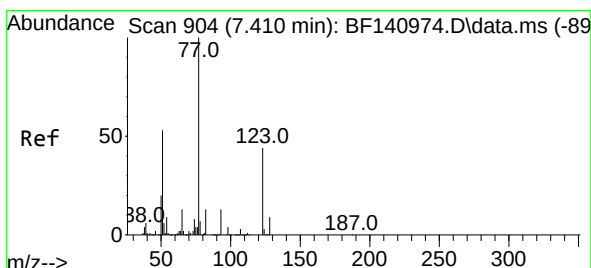
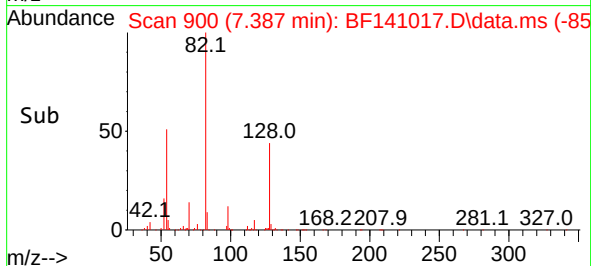
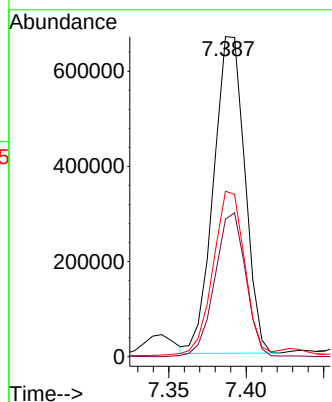
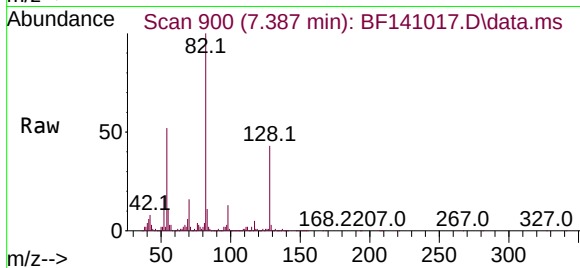
Tgt Ion: 82 Resp: 934017

Ion Ratio Lower Upper

82 100

128 43.0 34.4 51.6

54 51.7 42.4 63.6



#24

Nitrobenzene

Concen: 57.168 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

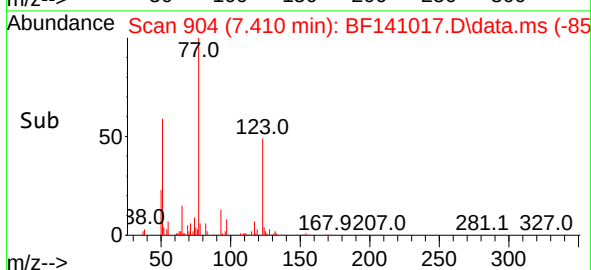
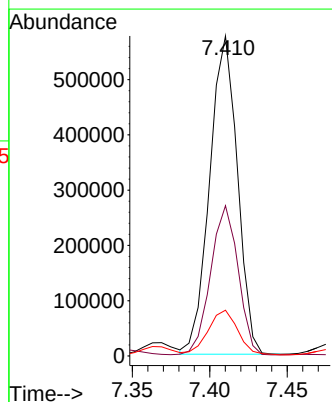
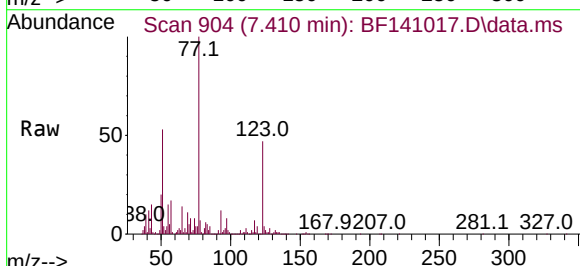
Tgt Ion: 77 Resp: 717803

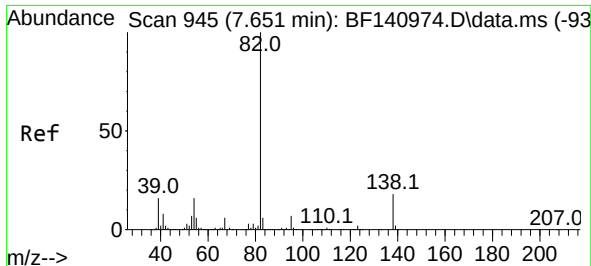
Ion Ratio Lower Upper

77 100

123 47.0 35.4 53.2

65 14.3 10.7 16.1

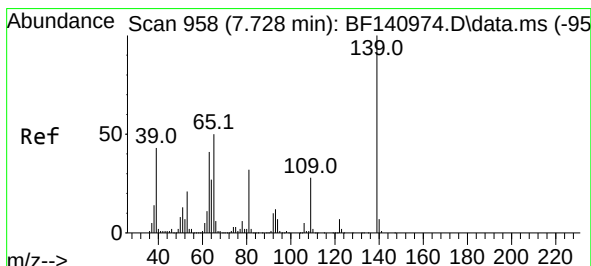
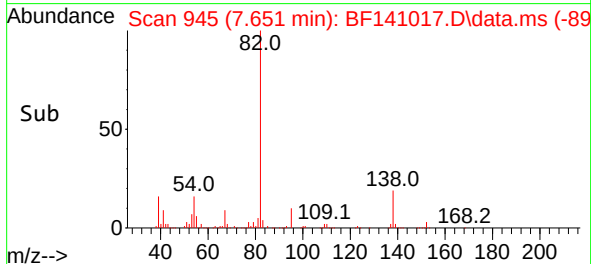
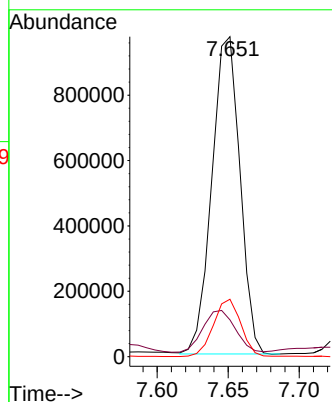
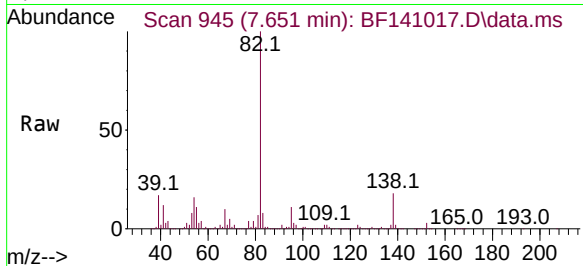




#25
Isophorone
Concen: 54.687 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

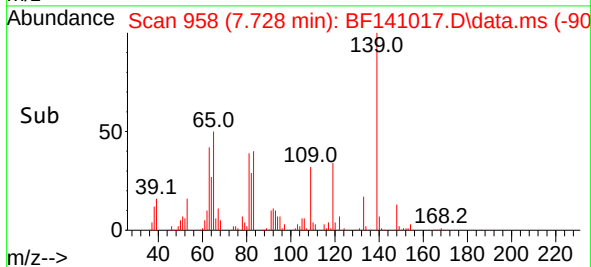
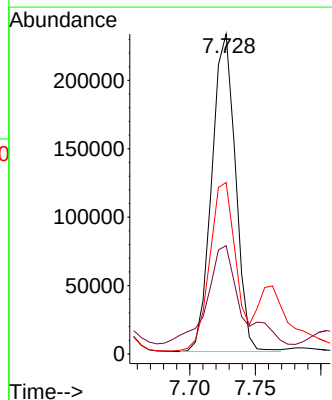
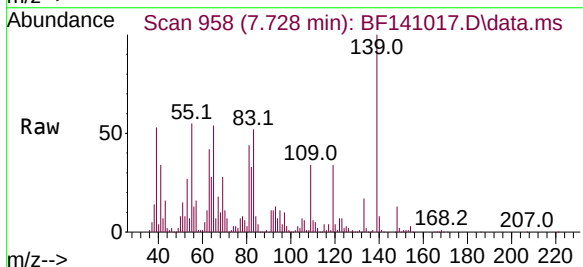
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

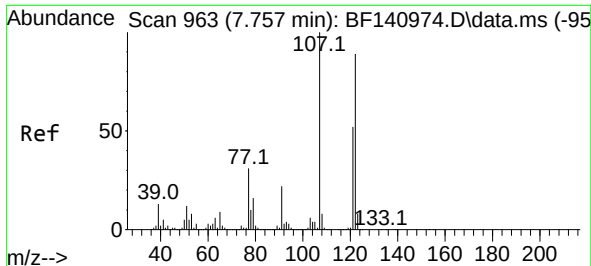
Tgt Ion: 82 Resp: 1337199
Ion Ratio Lower Upper
82 100
95 11.5 5.6 8.4#
138 18.0 14.6 21.8



#26
2-Nitrophenol
Concen: 55.908 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:139 Resp: 292731
Ion Ratio Lower Upper
139 100
109 33.8 22.2 33.4#
65 53.6 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 61.151 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141017.D

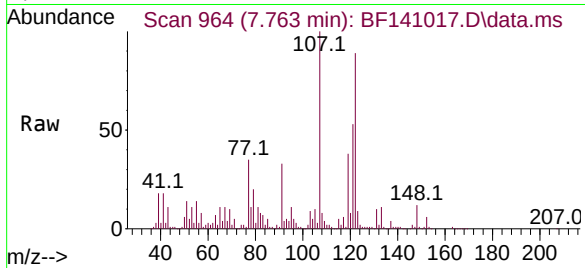
Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

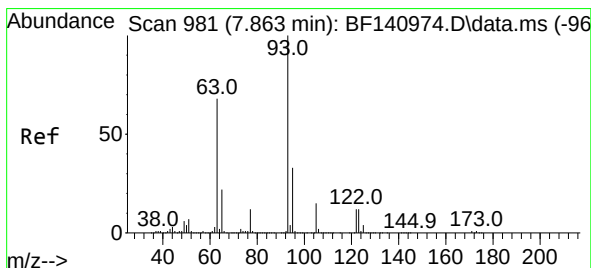
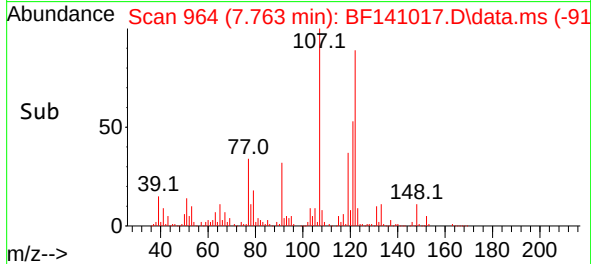
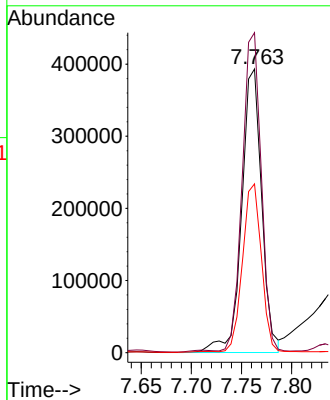
ClientSampleId :

TR-05-122624MSD



Tgt Ion:122 Resp: 546471

Ion	Ratio	Lower	Upper
122	100		
107	112.8	89.4	134.2
121	59.5	46.7	70.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.213 ng

RT: 7.863 min Scan# 981

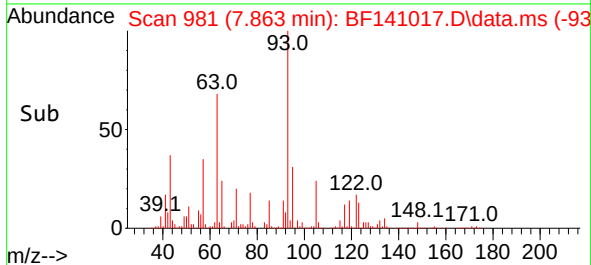
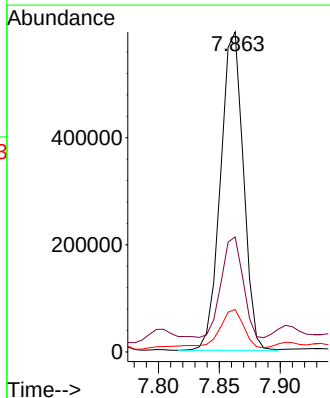
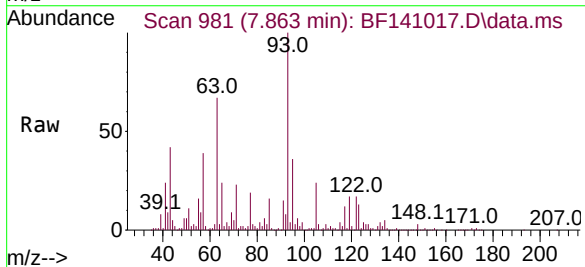
Delta R.T. 0.000 min

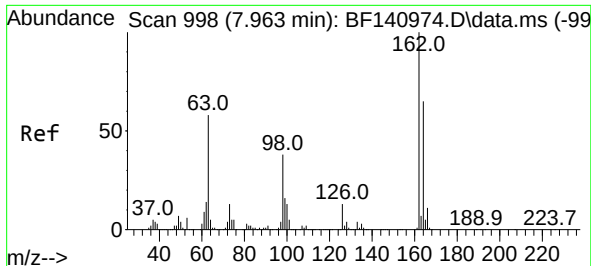
Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Tgt Ion: 93 Resp: 777909

Ion	Ratio	Lower	Upper
93	100		
95	35.9	26.2	39.4
123	13.3	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 50.551 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

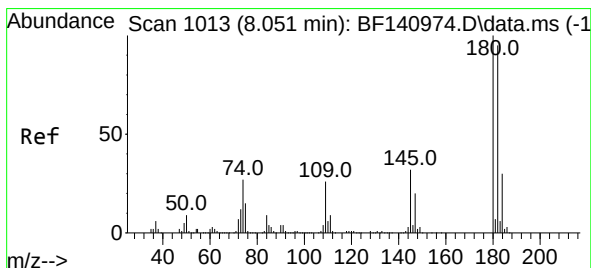
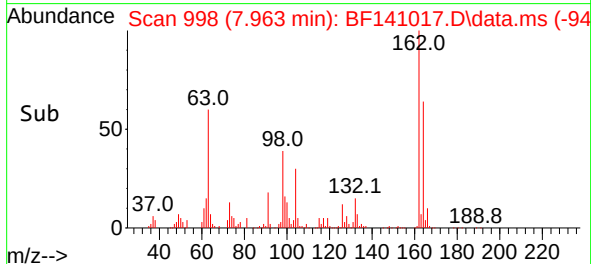
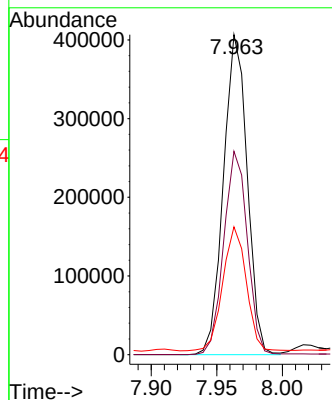
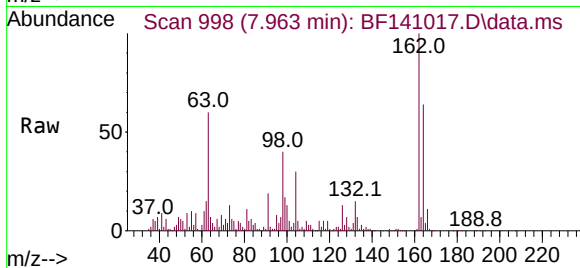
Tgt Ion:162 Resp: 512347

Ion Ratio Lower Upper

162 100

164 63.5 44.8 84.8

98 40.0 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 47.047 ng

RT: 8.051 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

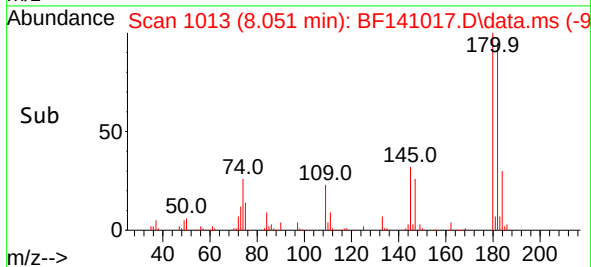
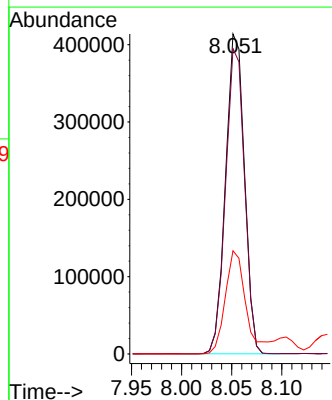
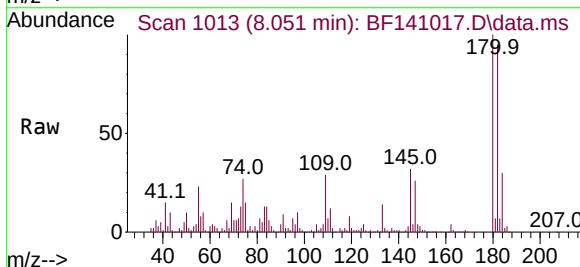
Tgt Ion:180 Resp: 539703

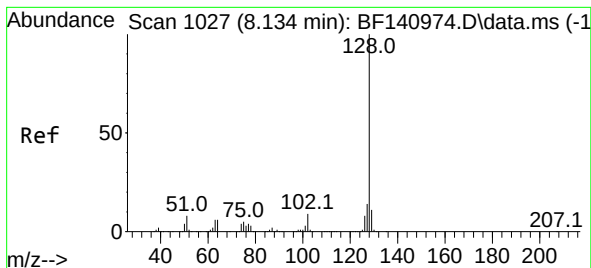
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

145 32.3 25.4 38.2





#31

Naphthalene

Concen: 53.407 ng

RT: 8.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

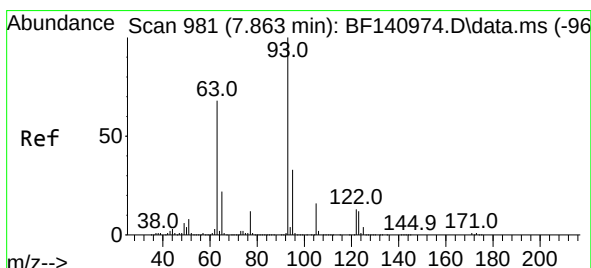
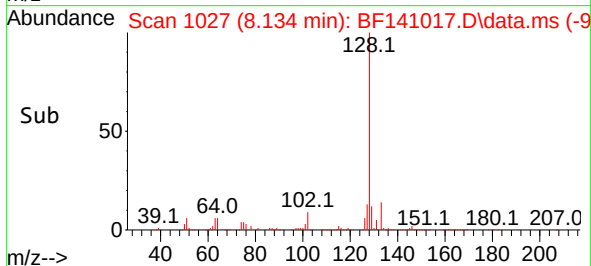
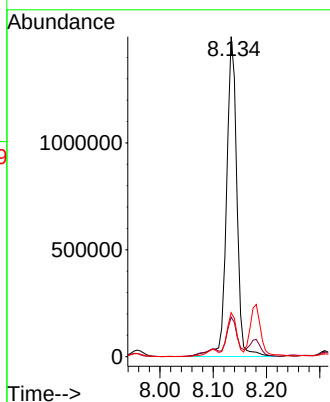
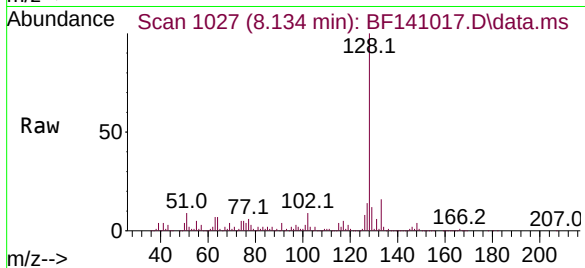
Tgt Ion:128 Resp: 2023154

Ion Ratio Lower Upper

128 100

129 12.4 9.2 13.8

127 13.7 11.0 16.4



#32

Benzoic acid

Concen: 49.027 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

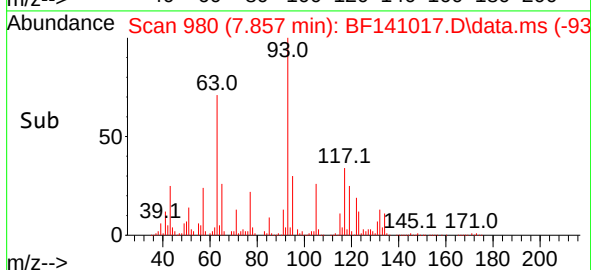
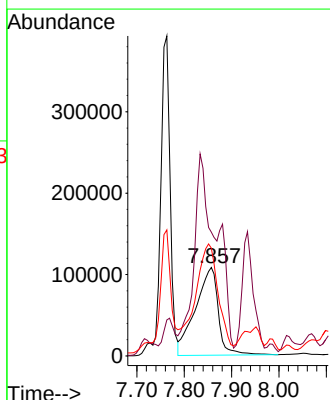
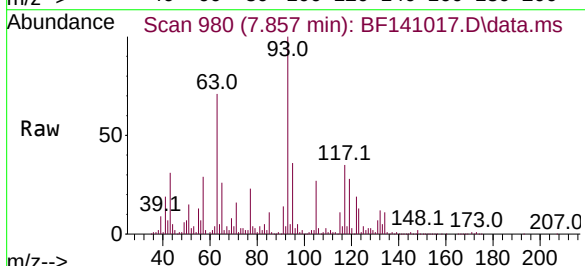
Tgt Ion:122 Resp: 361993

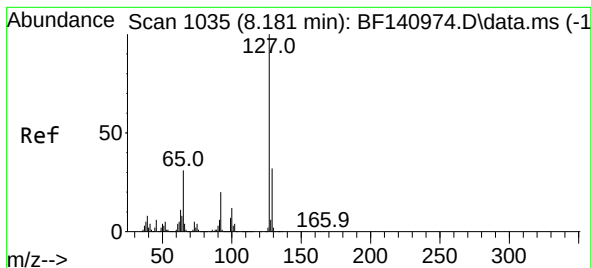
Ion Ratio Lower Upper

122 100

105 139.8 105.4 145.4

77 121.7 76.4 116.4#





#33

4-Chloroaniline

Concen: 24.423 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

Tgt Ion:127 Resp: 334702

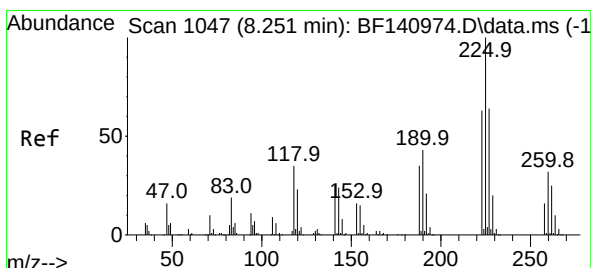
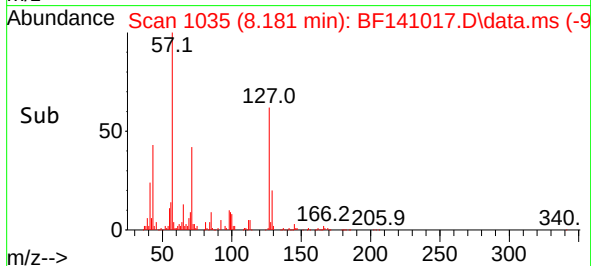
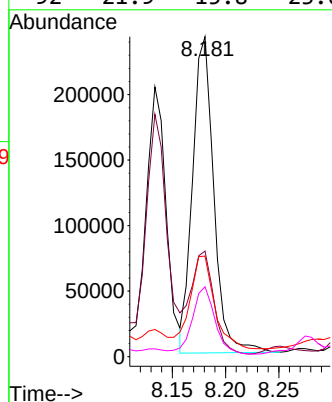
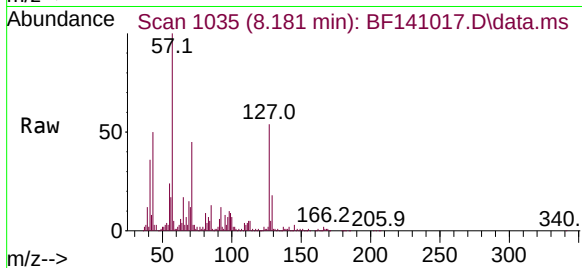
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 31.4 24.6 37.0

92 21.9 15.8 23.6



#34

Hexachlorobutadiene

Concen: 49.639 ng

RT: 8.251 min Scan# 1047

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

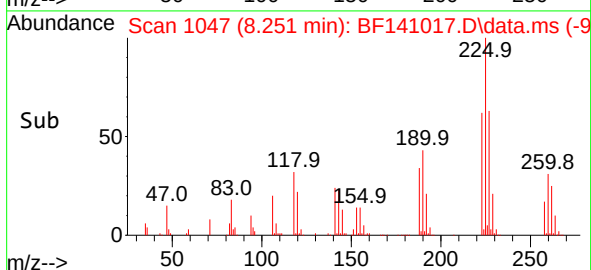
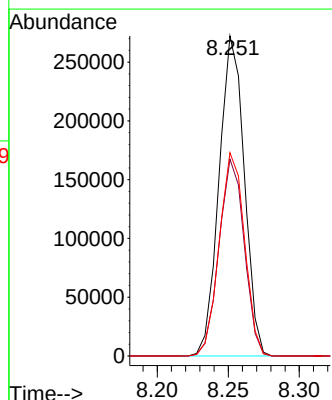
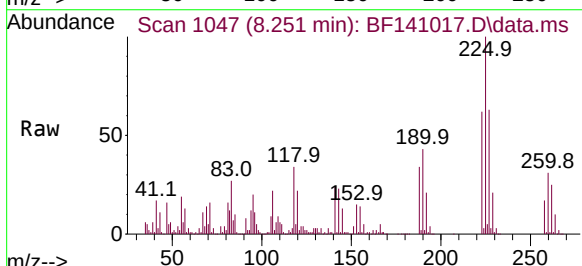
Tgt Ion:225 Resp: 335694

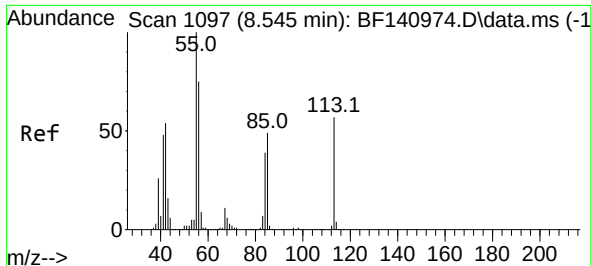
Ion Ratio Lower Upper

225 100

223 61.5 50.3 75.5

227 63.5 50.8 76.2

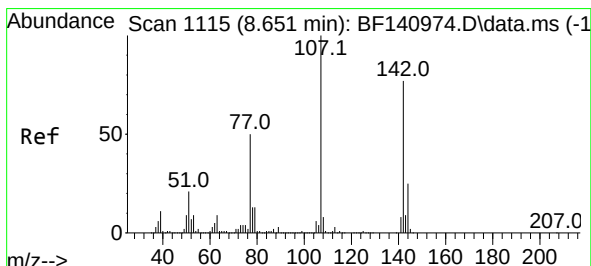
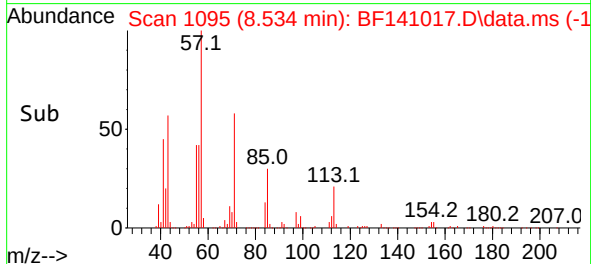
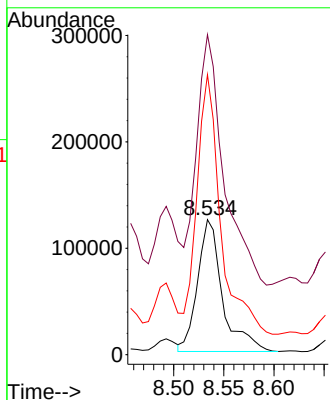
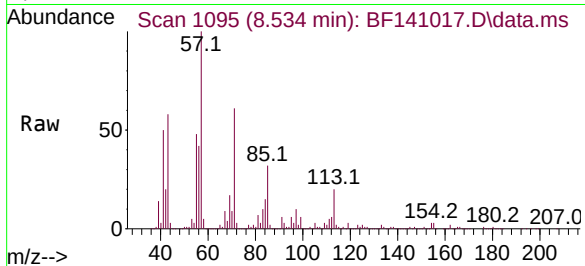




#35
Caprolactam
Concen: 62.310 ng
RT: 8.534 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

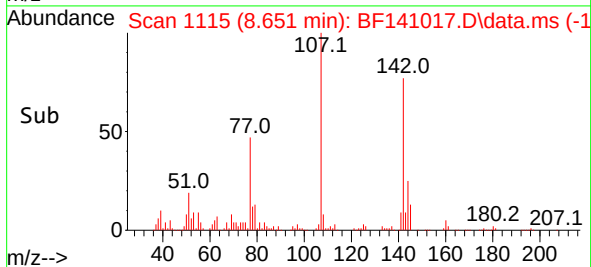
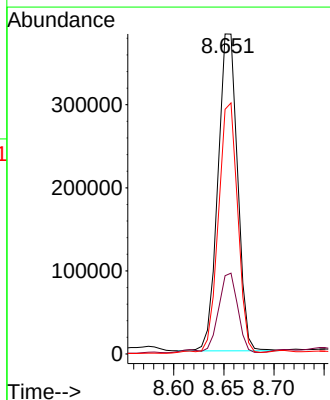
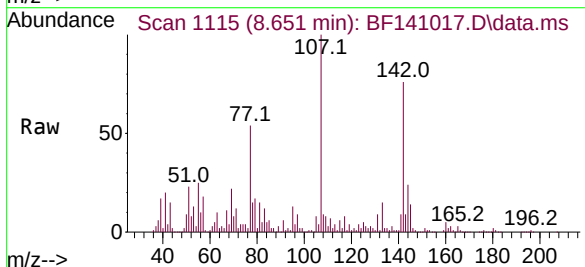
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

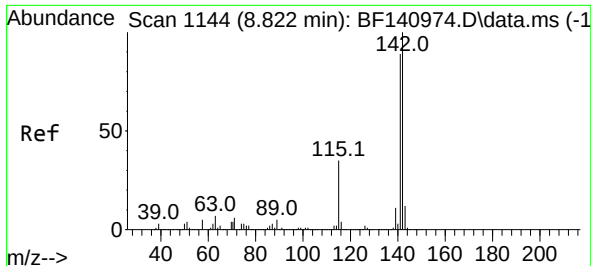
Tgt Ion:113 Resp: 214691
Ion Ratio Lower Upper
113 100
55 237.1 156.6 196.6#
56 207.4 111.7 151.7#



#36
4-Chloro-3-methylphenol
Concen: 46.066 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:107 Resp: 518509
Ion Ratio Lower Upper
107 100
144 24.4 19.9 29.9
142 76.5 61.8 92.8





#37

2-Methylnaphthalene

Concen: 53.290 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

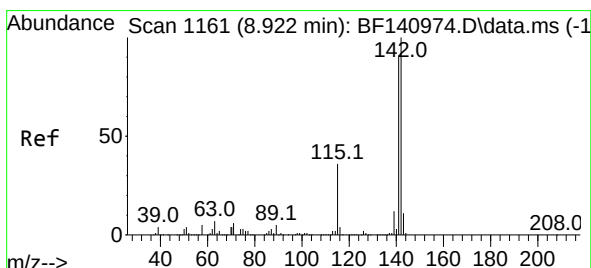
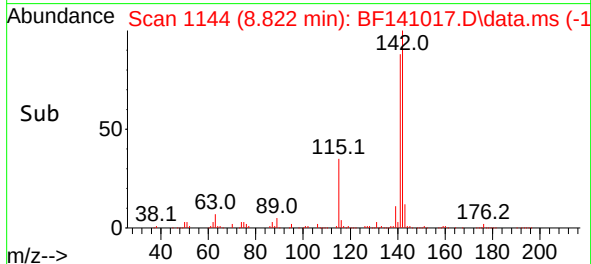
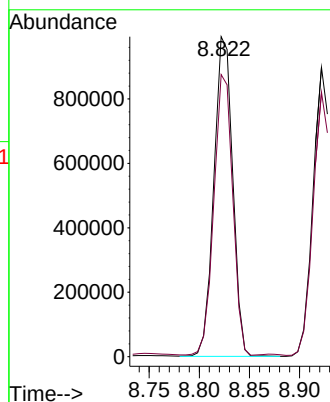
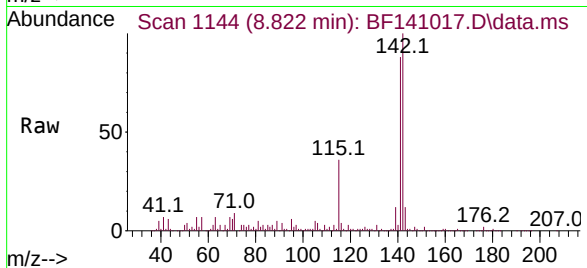
TR-05-122624MSD

Tgt Ion:142 Resp: 1291455

Ion Ratio Lower Upper

142 100

141 88.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 47.538 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF141017.D

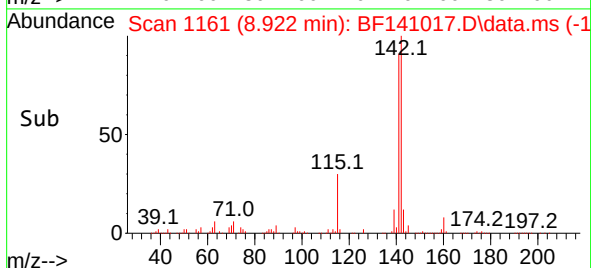
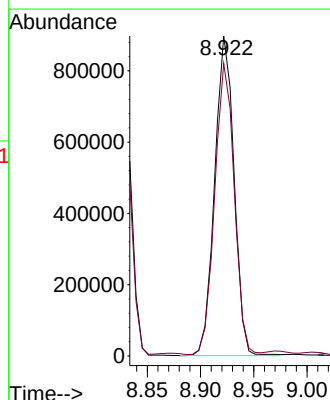
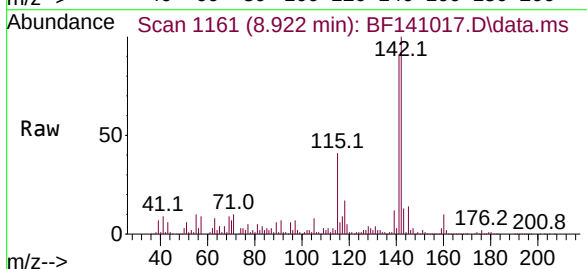
Acq: 28 Dec 2024 00:21

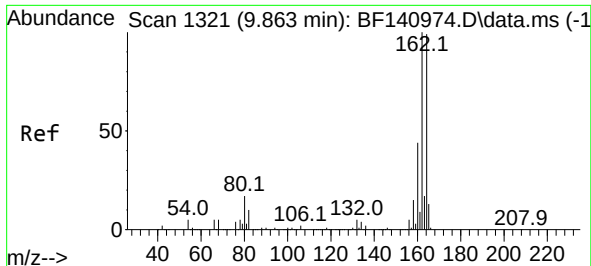
Tgt Ion:142 Resp: 1132221

Ion Ratio Lower Upper

142 100

141 91.4 72.7 109.1

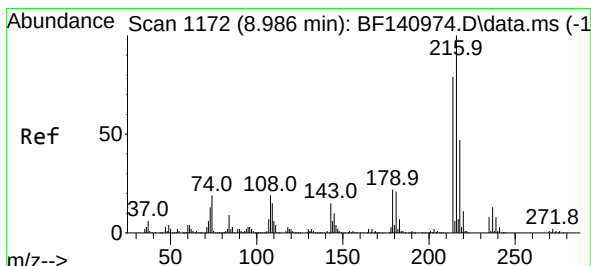
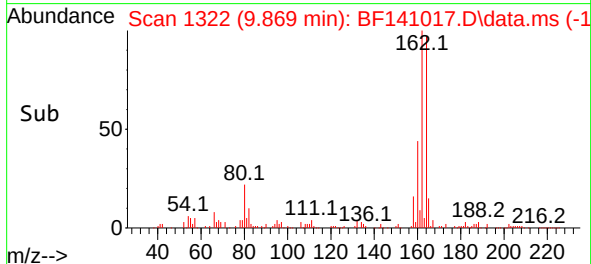
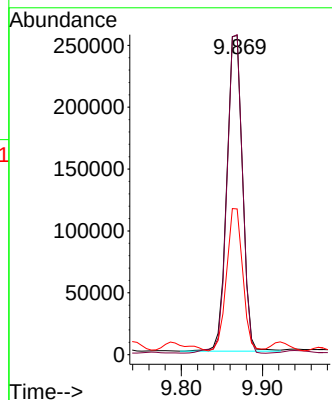
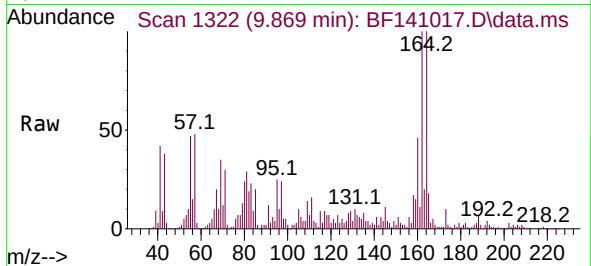




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

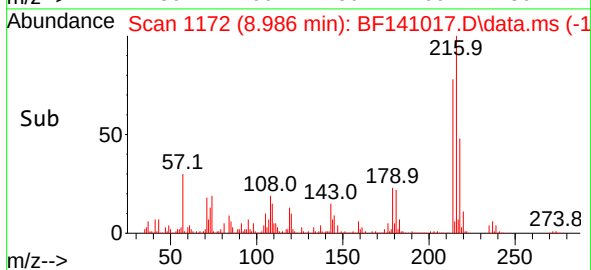
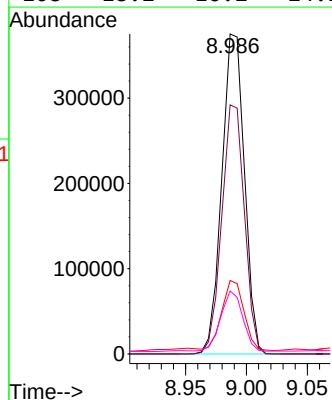
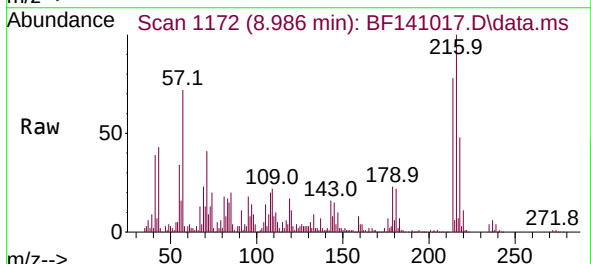
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

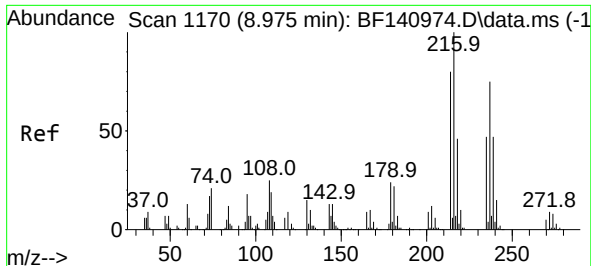
Tgt Ion:164 Resp: 344499
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 45.7 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.250 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:216 Resp: 485729
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.6
179 21.5 17.9 26.9
108 18.2 16.2 24.2

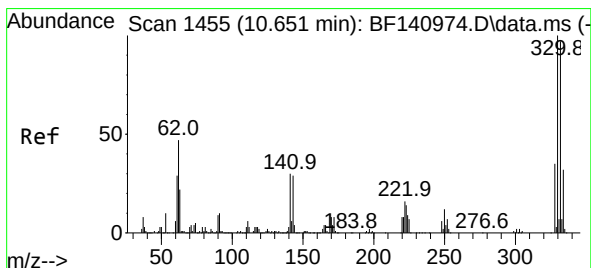
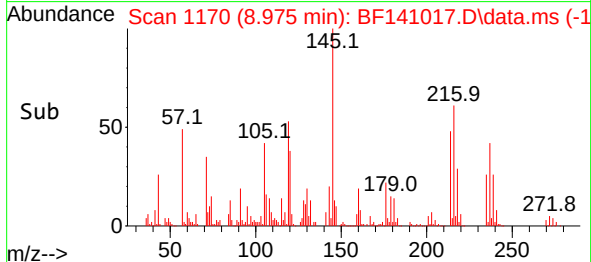
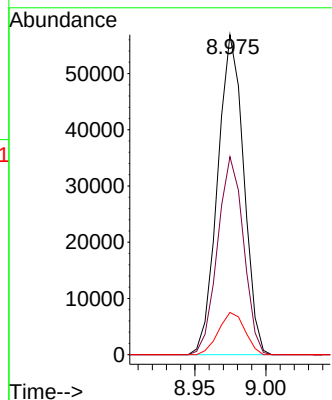
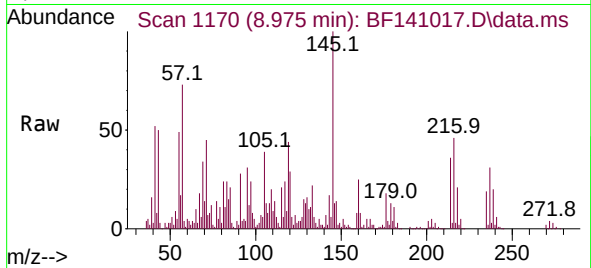




#41
Hexachlorocyclopentadiene
Concen: 23.119 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

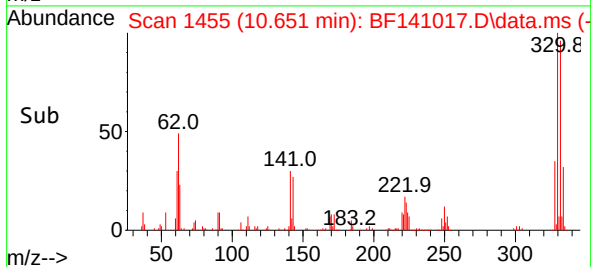
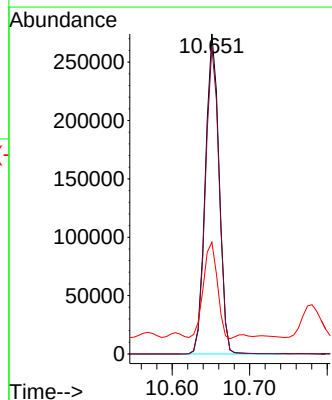
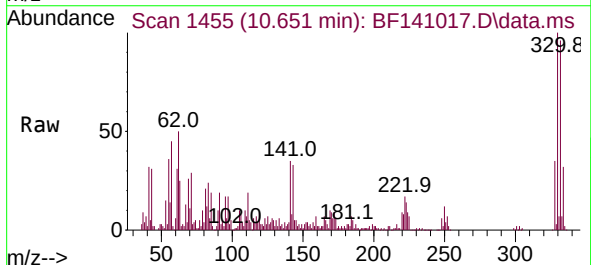
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

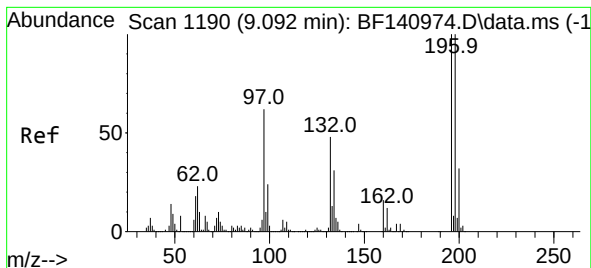
Tgt Ion:237 Resp: 72610
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 101.031 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:330 Resp: 338204
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 30.8 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 52.379 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

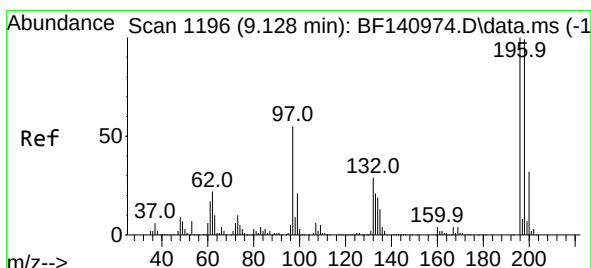
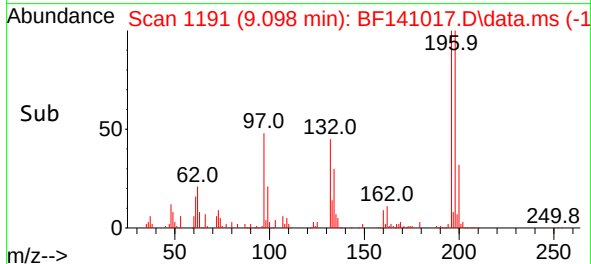
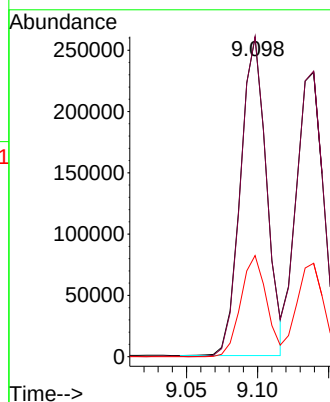
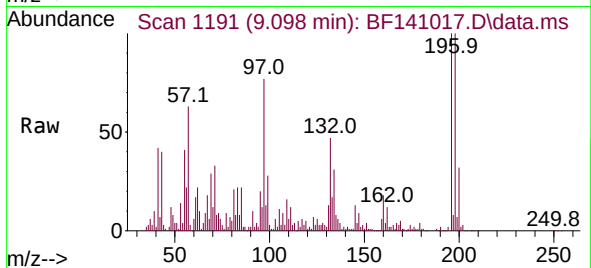
Tgt Ion:196 Resp: 330397

Ion Ratio Lower Upper

196 100

198 100.3 80.2 120.4

200 31.7 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 47.670 ng

RT: 9.139 min Scan# 1198

Delta R.T. 0.012 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Tgt Ion:196 Resp: 307666

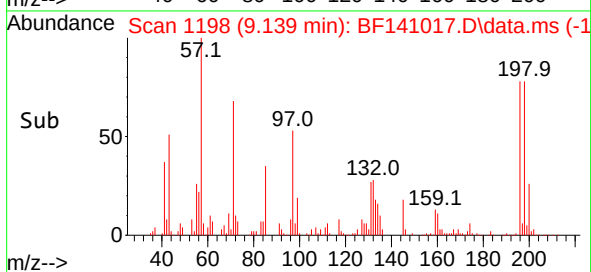
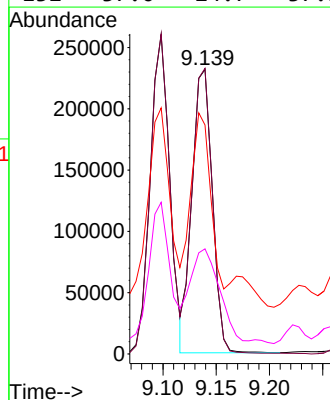
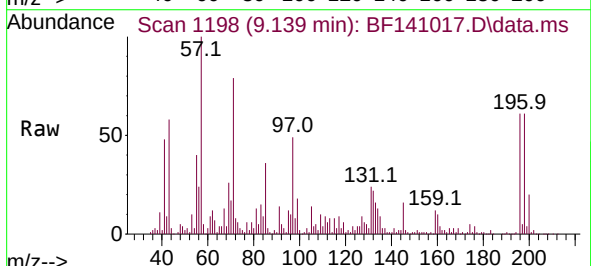
Ion Ratio Lower Upper

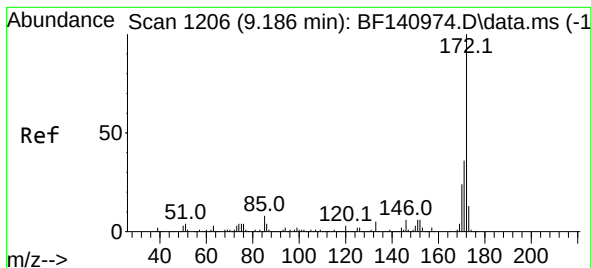
196 100

198 100.4 79.9 119.9

97 80.5 44.3 66.5#

132 37.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 66.562 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

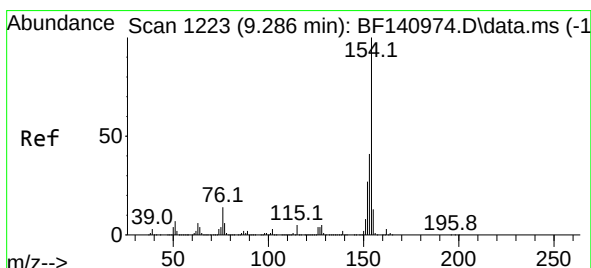
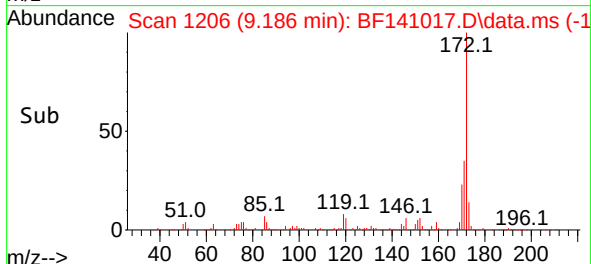
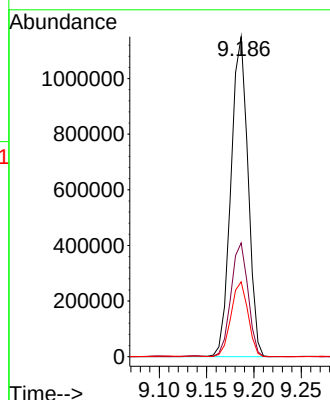
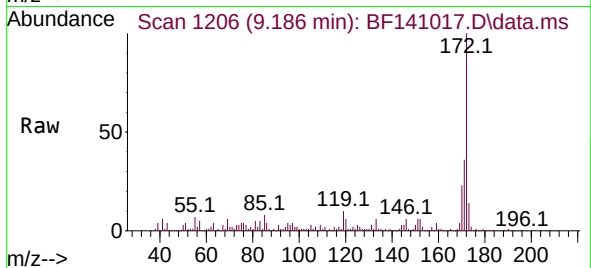
Tgt Ion:172 Resp: 1439247

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 23.4 19.6 29.4



#46

1,1'-Biphenyl

Concen: 51.247 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

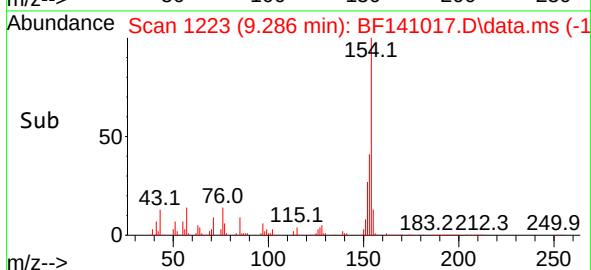
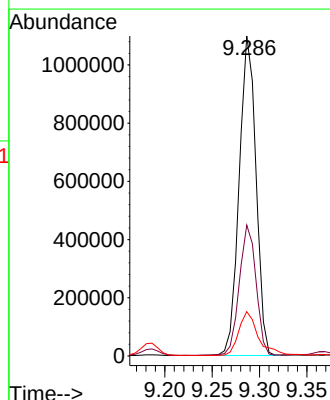
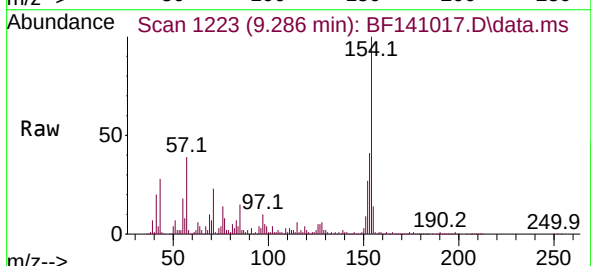
Tgt Ion:154 Resp: 1351796

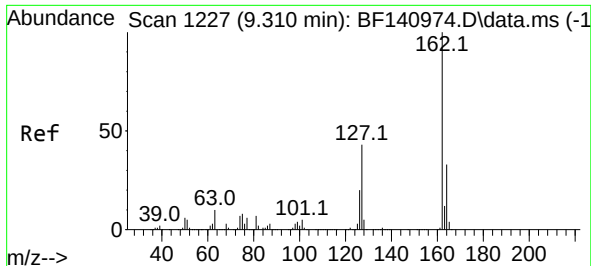
Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

76 13.9 0.0 34.0

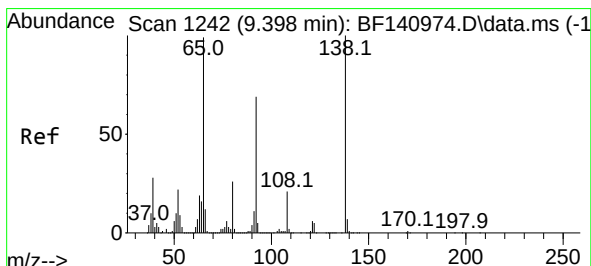
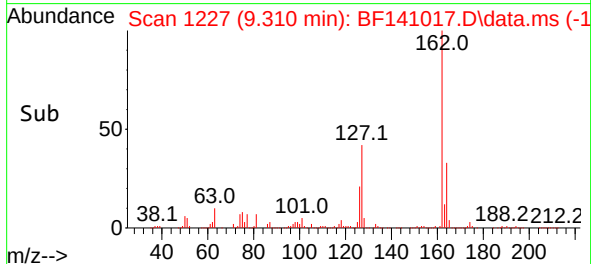
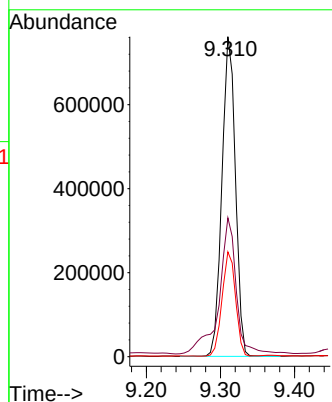
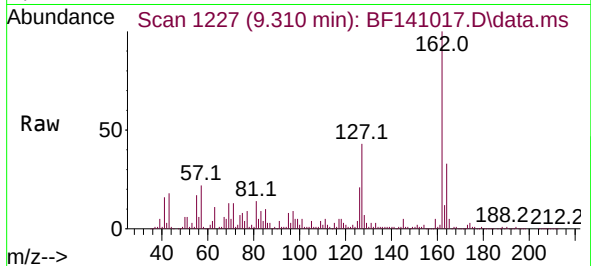




#47
2-Chloronaphthalene
Concen: 47.178 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

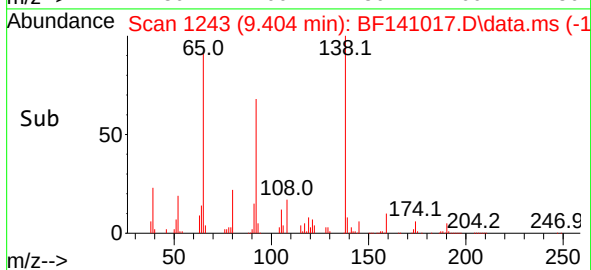
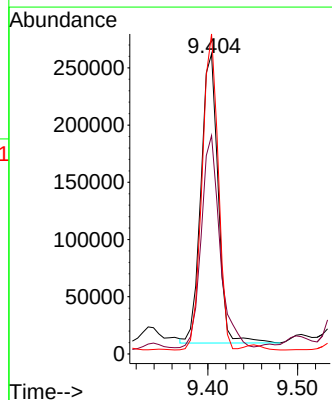
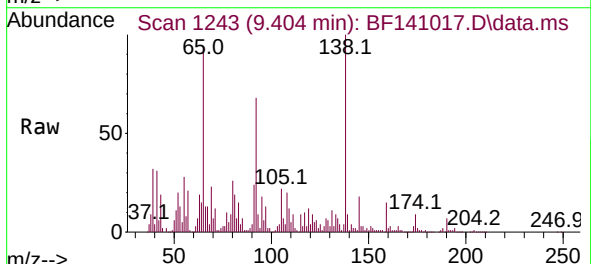
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

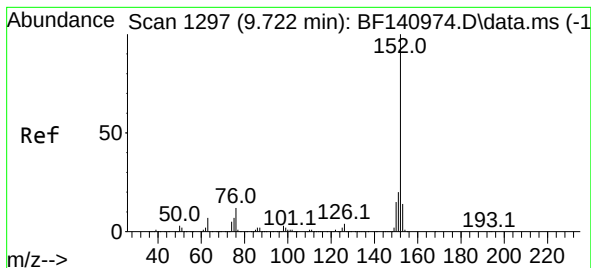
Tgt Ion:162 Resp: 965170
Ion Ratio Lower Upper
162 100
127 43.4 34.2 51.4
164 32.8 26.6 40.0



#48
2-Nitroaniline
Concen: 61.203 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion: 65 Resp: 335126
Ion Ratio Lower Upper
65 100
92 72.8 55.6 83.4
138 106.6 80.5 120.7





#49

Acenaphthylene

Concen: 49.990 ng

RT: 9.728 min Scan# 1297

Delta R.T. 0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

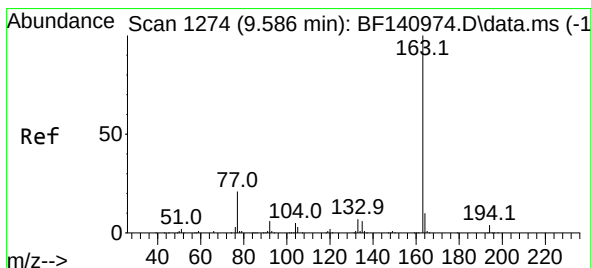
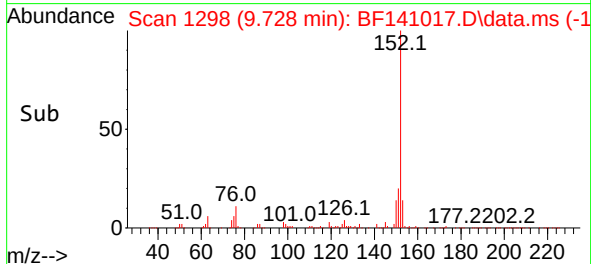
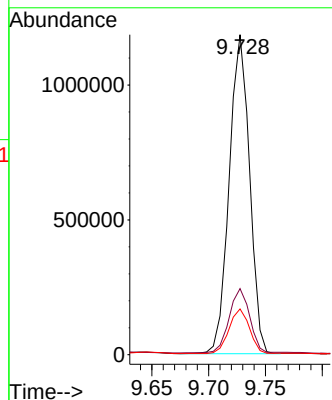
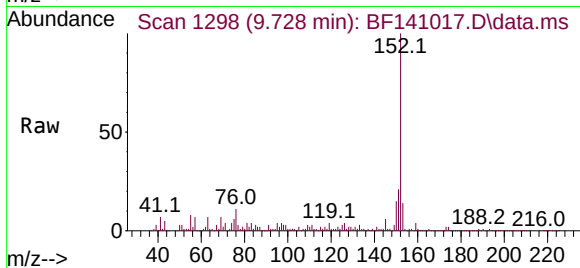
Tgt Ion:152 Resp: 1472233

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 14.3 11.4 17.0



#50

Dimethylphthalate

Concen: 48.587 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

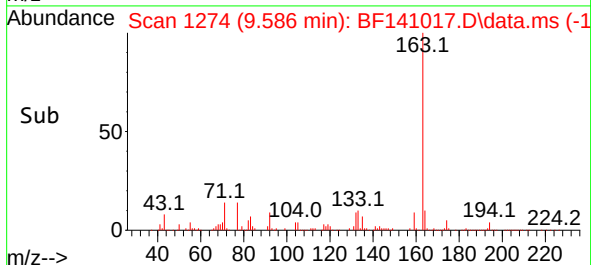
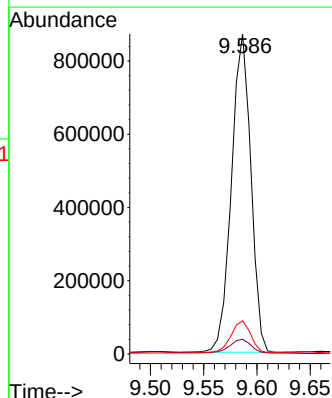
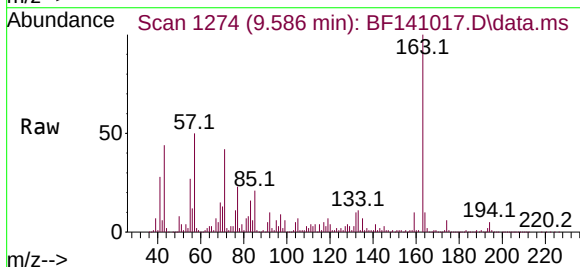
Tgt Ion:163 Resp: 1100993

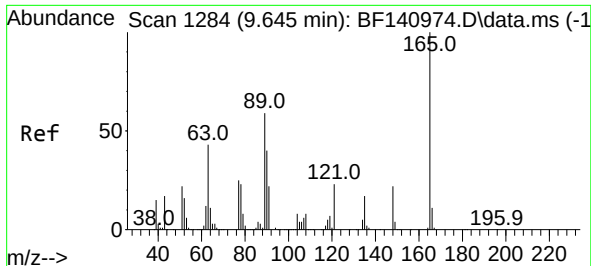
Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

164 10.4 8.3 12.5

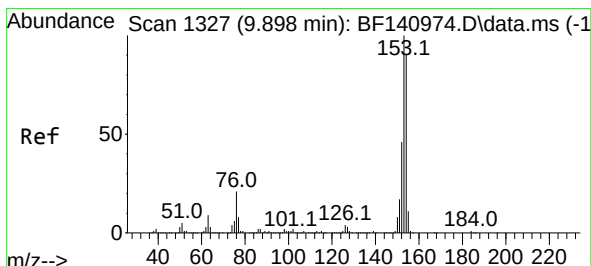
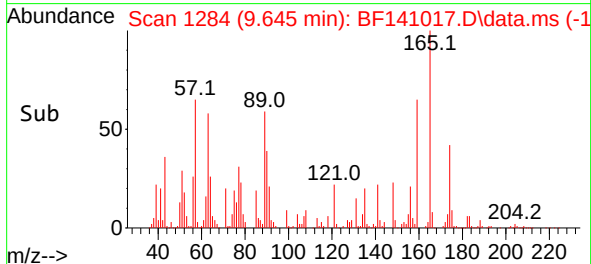
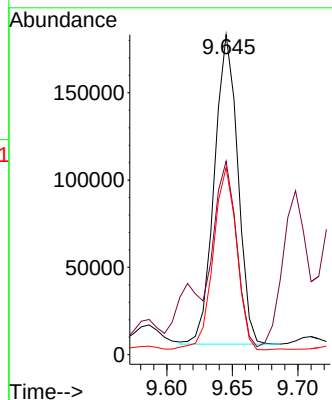
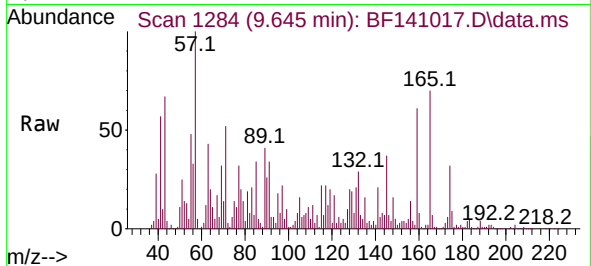




#51
2,6-Dinitrotoluene
Concen: 47.636 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

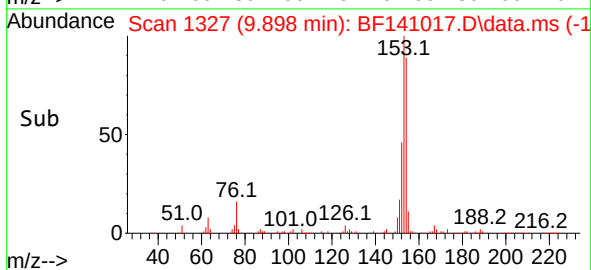
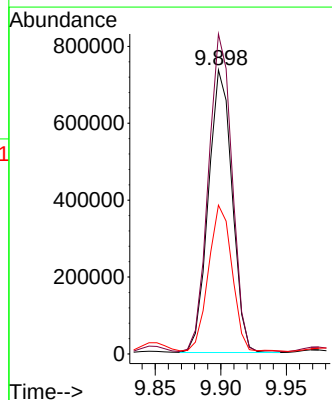
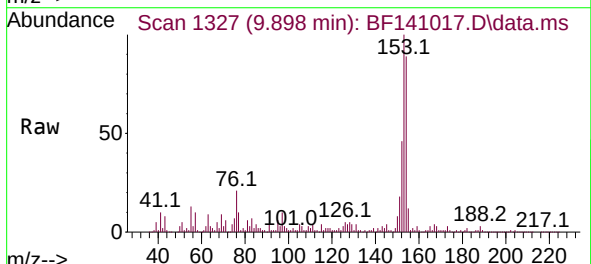
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

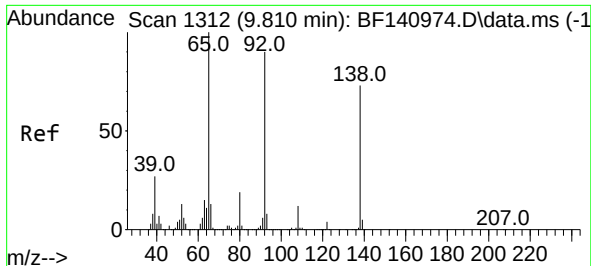
Tgt Ion:165 Resp: 219995
Ion Ratio Lower Upper
165 100
63 60.4 47.1 70.7
89 58.5 47.0 70.4



#52
Acenaphthene
Concen: 46.542 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:154 Resp: 926649
Ion Ratio Lower Upper
154 100
153 112.7 89.2 133.8
152 52.4 40.9 61.3

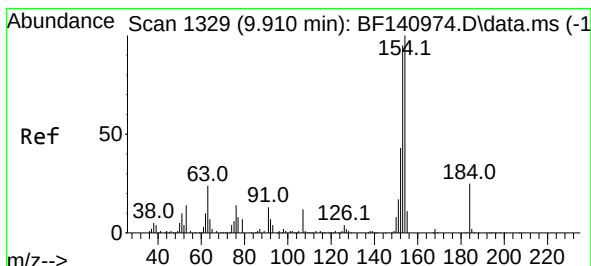
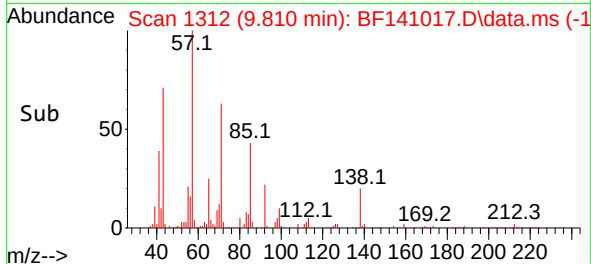
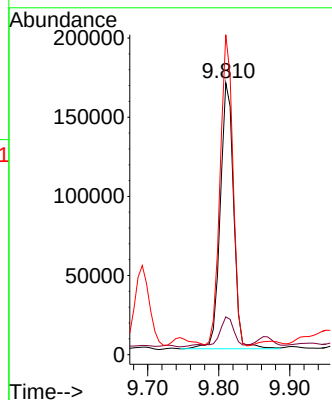
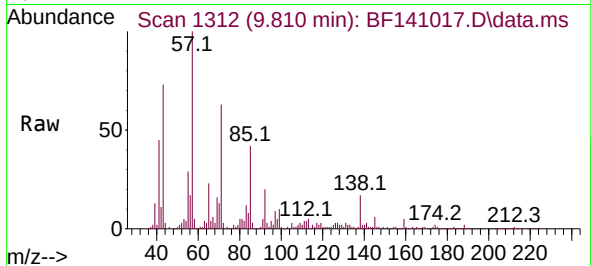




#53
3-Nitroaniline
Concen: 43.911 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

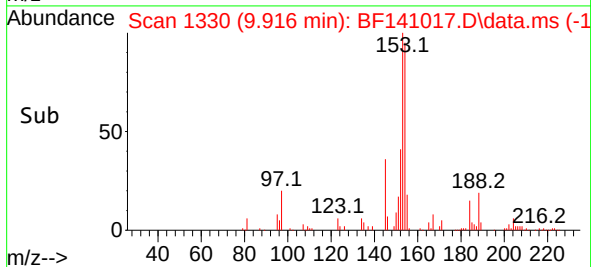
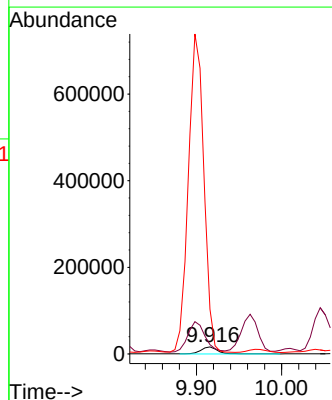
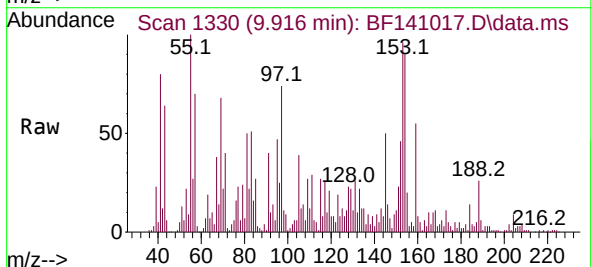
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

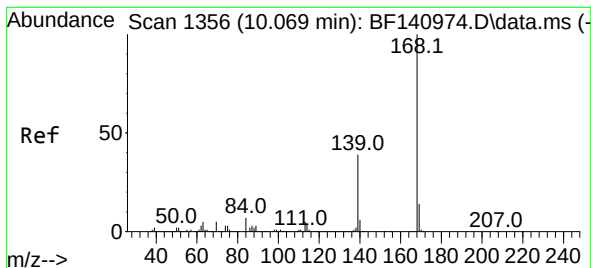
Tgt Ion:138 Resp: 219175
Ion Ratio Lower Upper
138 100
108 13.9 13.5 20.3
92 117.7 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 21.203 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:184 Resp: 20986
Ion Ratio Lower Upper
184 100
63 131.3 81.6 122.4#
154 632.0 363.5 545.3#

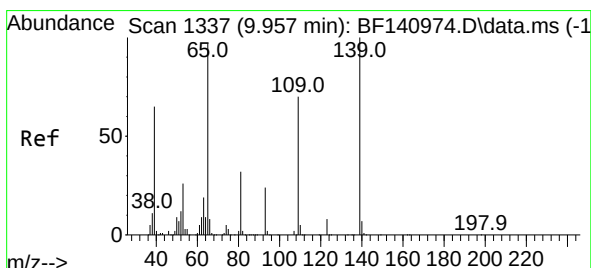
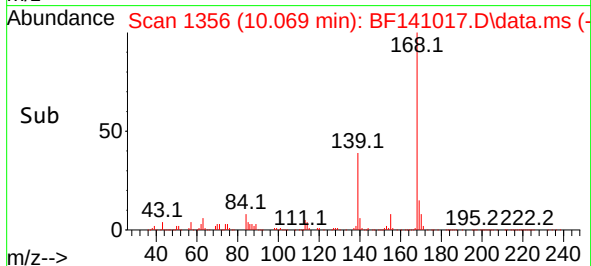
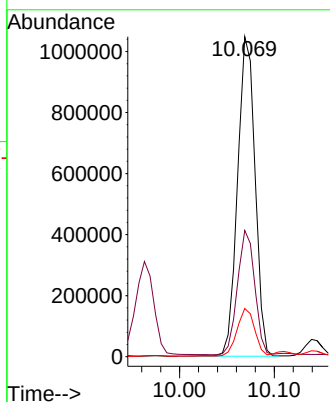
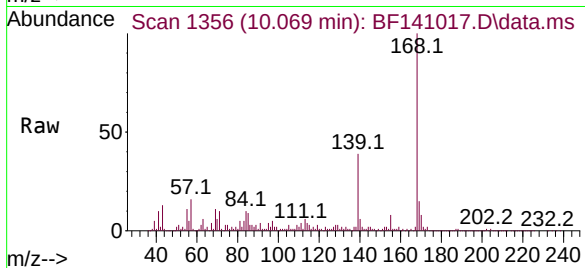




#55
Dibenzofuran
Concen: 47.996 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

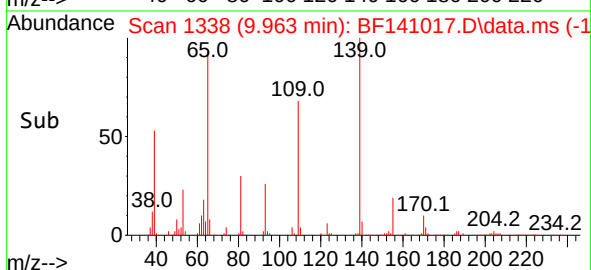
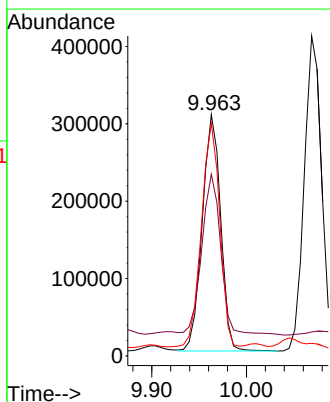
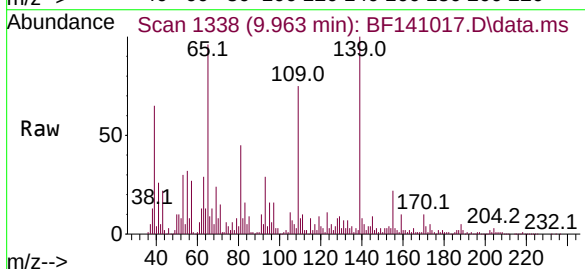
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

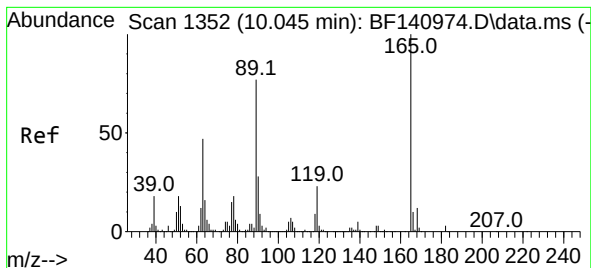
Tgt Ion:168 Resp: 1342935
Ion Ratio Lower Upper
168 100
139 39.4 31.6 47.4
169 15.1 11.0 16.6



#56
4-Nitrophenol
Concen: 106.182 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:139 Resp: 411579
Ion Ratio Lower Upper
139 100
109 75.3 50.8 90.8
65 96.4 78.5 118.5

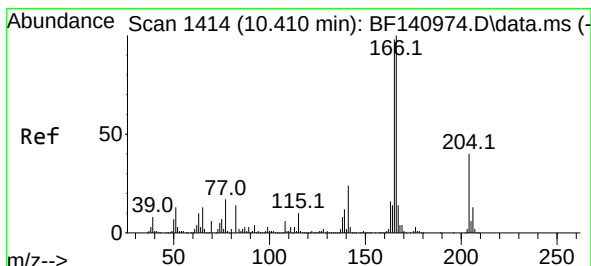
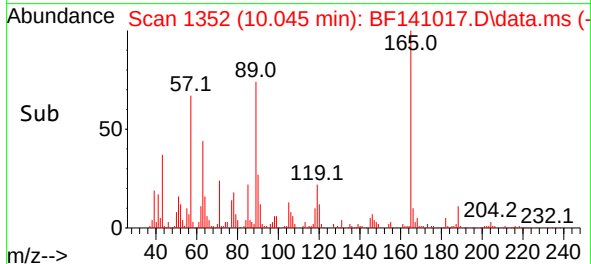
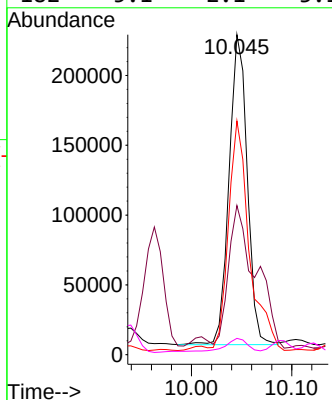
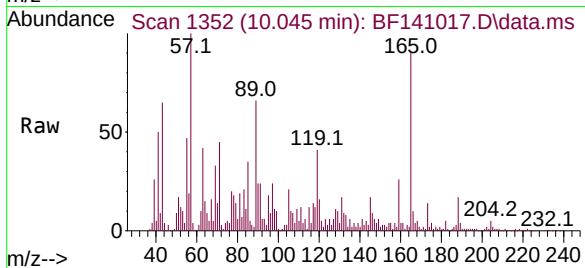




#57
2,4-Dinitrotoluene
Concen: 49.385 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

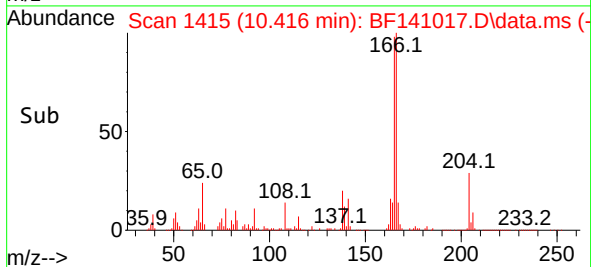
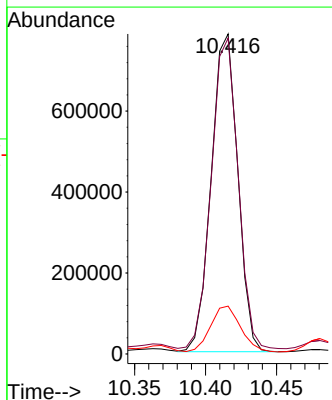
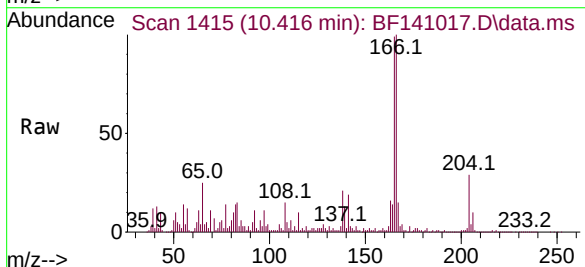
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

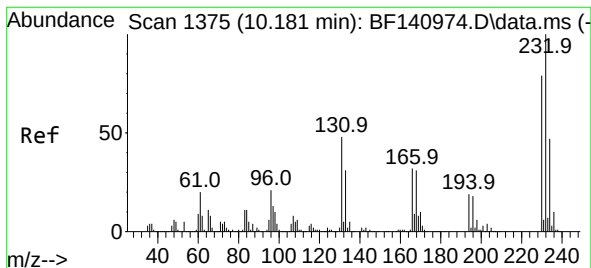
Tgt Ion:165 Resp: 280081
Ion Ratio Lower Upper
165 100
63 46.6 38.1 57.1
89 73.1 61.4 92.2
182 5.1 2.1 3.1#



#58
Fluorene
Concen: 47.066 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:166 Resp: 1021197
Ion Ratio Lower Upper
166 100
165 98.7 78.3 117.5
167 14.9 10.9 16.3

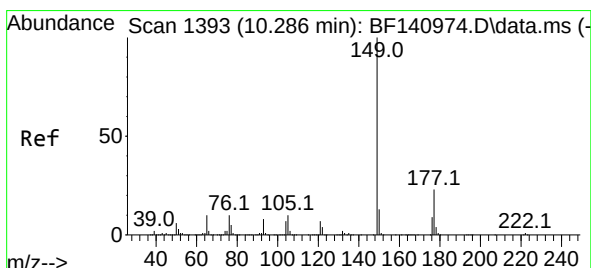
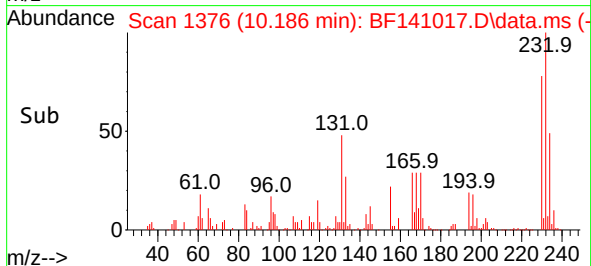
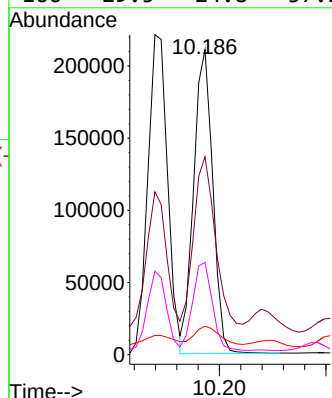
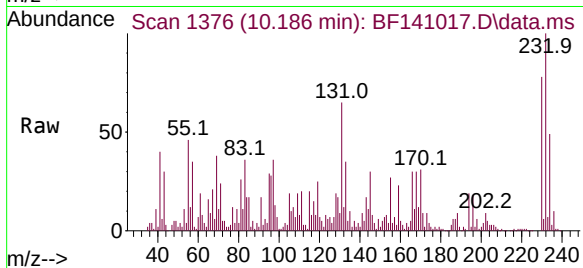




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.123 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

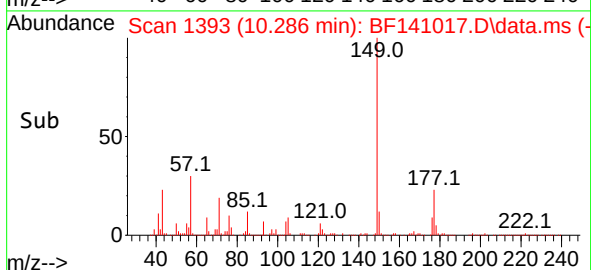
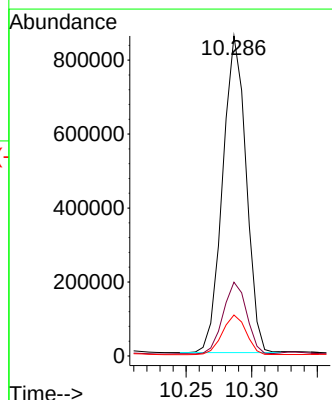
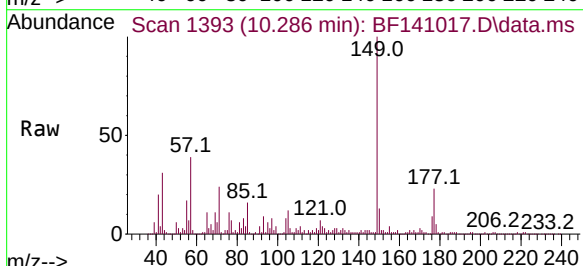
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

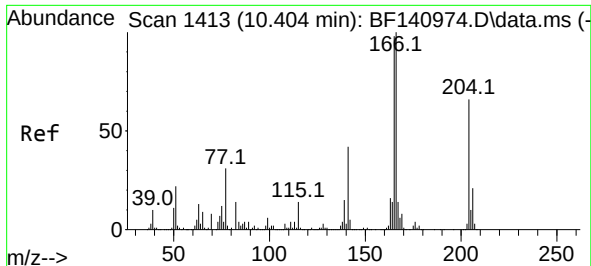
Tgt Ion:232 Resp: 262577
Ion Ratio Lower Upper
232 100
131 63.2 37.4 56.2#
130 7.5 1.8 2.8#
166 29.5 24.8 37.2



#60
Diethylphthalate
Concen: 47.707 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:149 Resp: 1067243
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.8 10.4 15.6

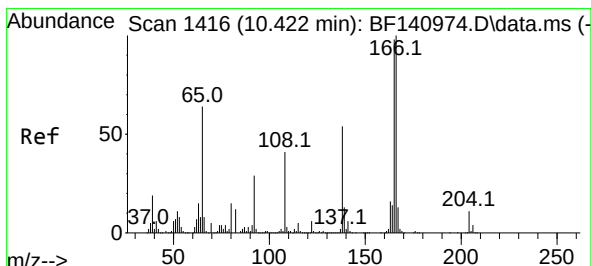
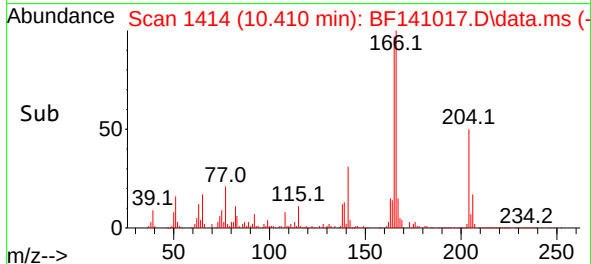
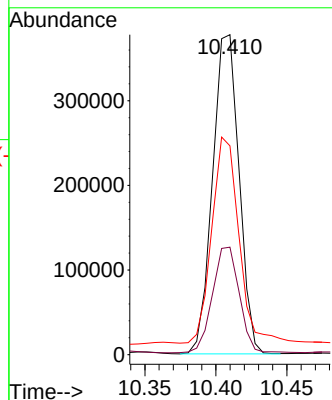
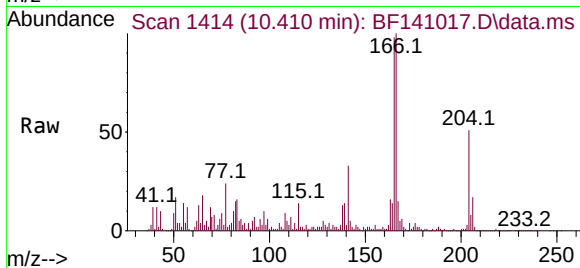




#61
4-Chlorophenyl-phenylether
Concen: 46.824 ng
RT: 10.410 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

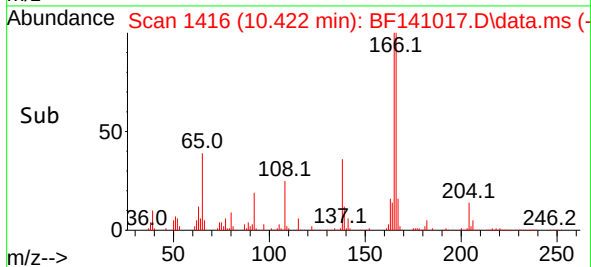
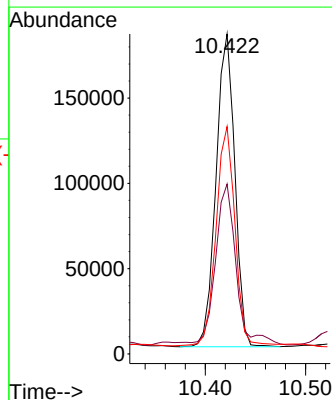
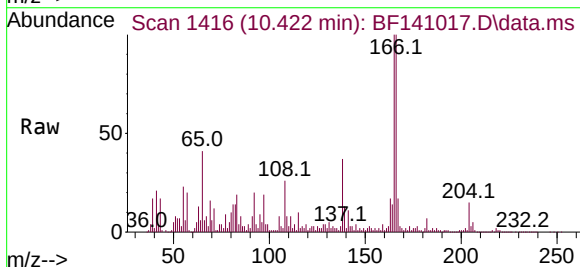
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

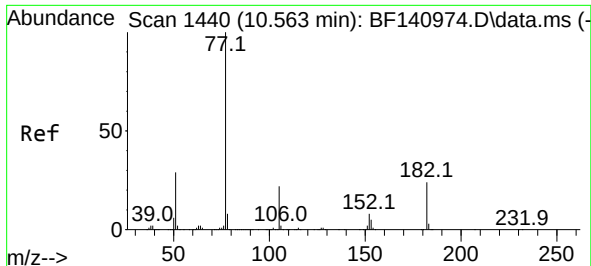
Tgt Ion:204 Resp: 488852
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 65.3 51.2 76.8



#62
4-Nitroaniline
Concen: 47.422 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:138 Resp: 237871
Ion Ratio Lower Upper
138 100
92 53.1 34.8 74.8
108 71.0 55.9 95.9



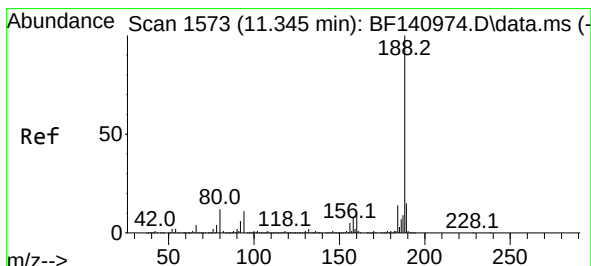
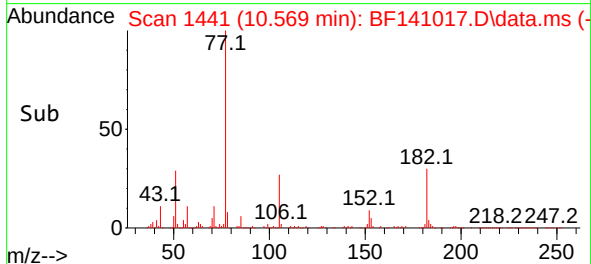
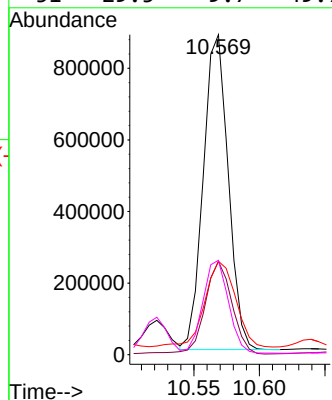
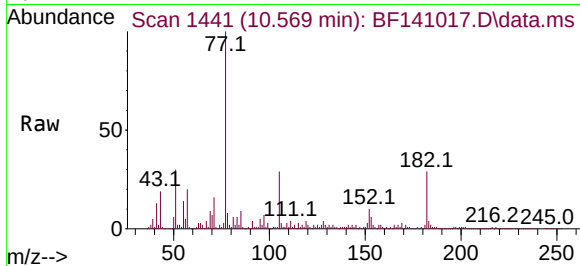


#63
Azobenzene
Concen: 49.618 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

Tgt Ion: 77 Resp: 1165078

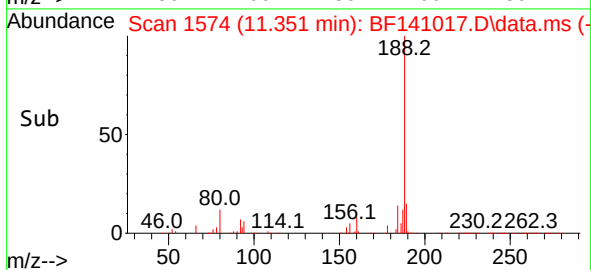
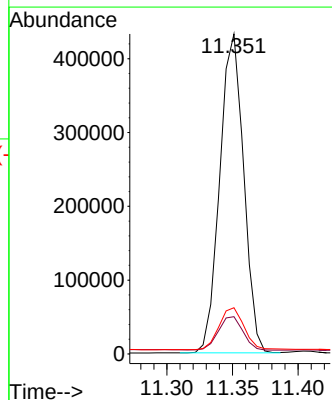
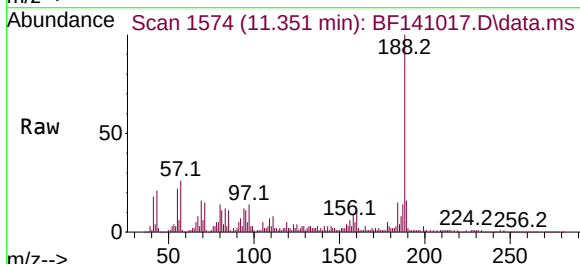
Ion	Ratio	Lower	Upper
77	100		
182	29.2	4.1	44.1
105	29.2	1.8	41.8
51	29.5	9.7	49.7

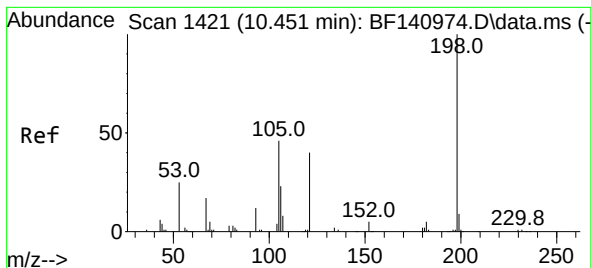


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion: 188 Resp: 546946

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.0	13.6
80	14.4	9.8	14.6

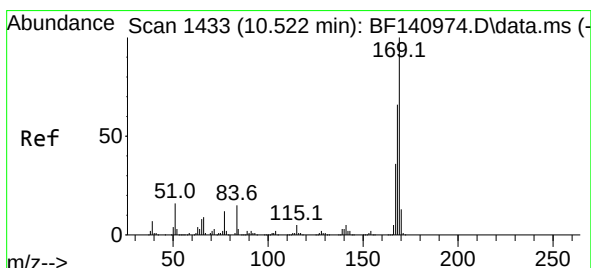
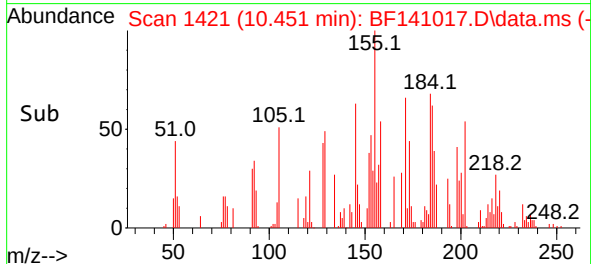
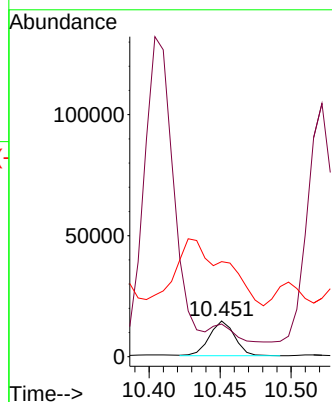
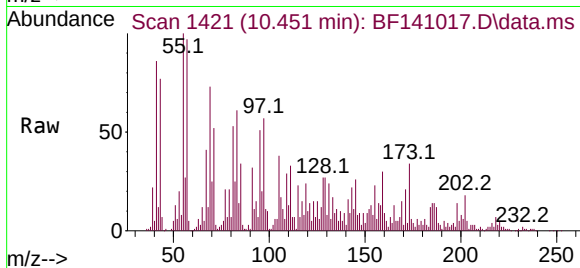




#65
4,6-Dinitro-2-methylphenol
Concen: 15.960 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

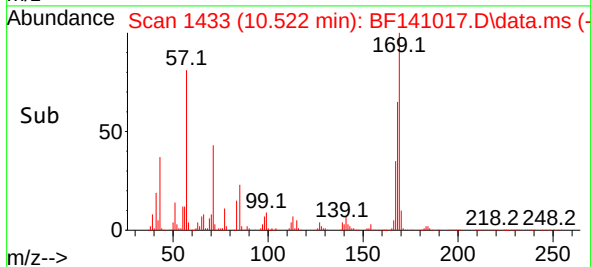
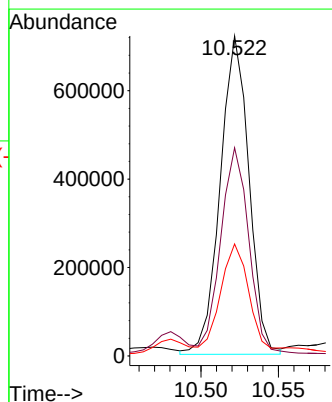
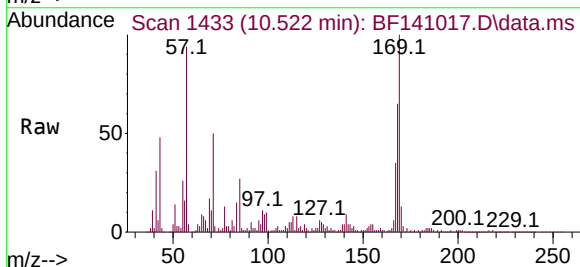
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

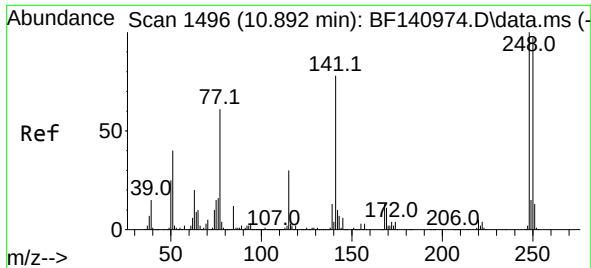
Tgt Ion:198 Resp: 17917
Ion Ratio Lower Upper
198 100
51 91.6 32.3 72.3#
105 266.4 28.4 68.4#



#66
n-Nitrosodiphenylamine
Concen: 53.945 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:169 Resp: 929110
Ion Ratio Lower Upper
169 100
168 65.1 52.6 79.0
167 35.0 29.0 43.4

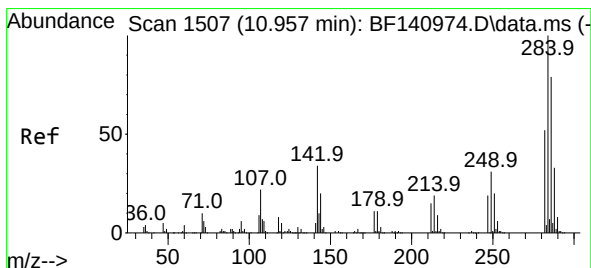
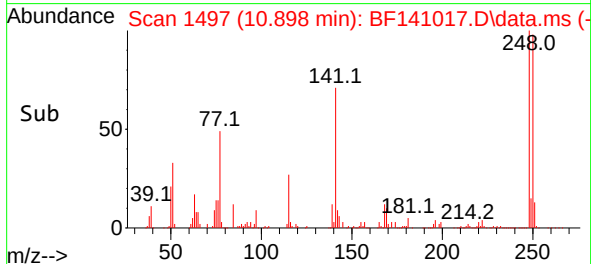
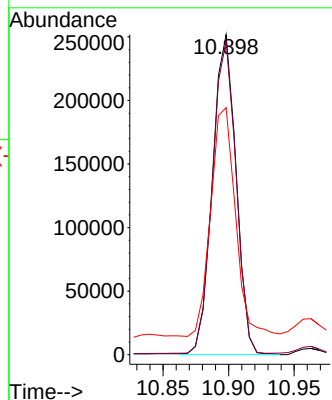
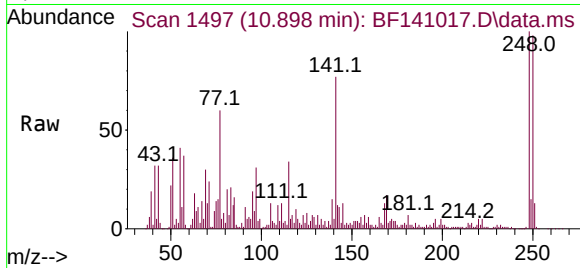




#67
4-Bromophenyl-phenylether
Concen: 53.345 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

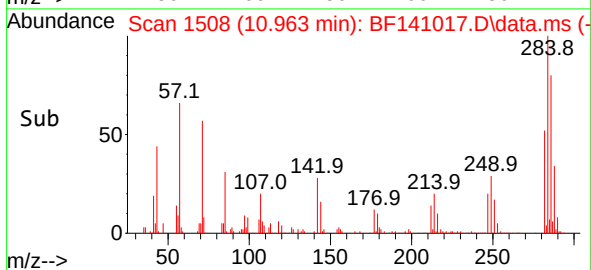
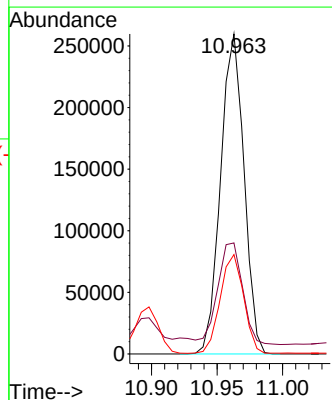
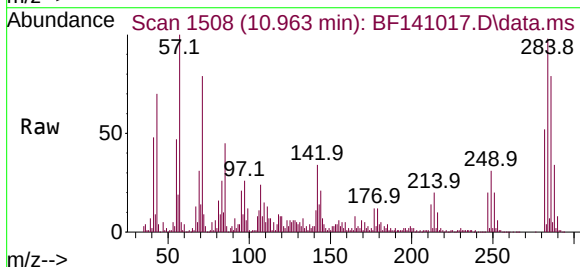
Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

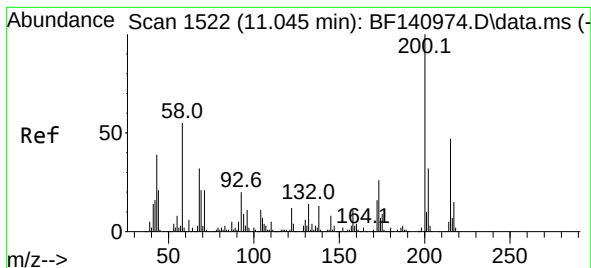
Tgt Ion:248 Resp: 315404
Ion Ratio Lower Upper
248 100
250 98.0 77.7 116.5
141 77.2 62.1 93.1



#68
Hexachlorobenzene
Concen: 49.415 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF141017.D
Acq: 28 Dec 2024 00:21

Tgt Ion:284 Resp: 322161
Ion Ratio Lower Upper
284 100
142 34.7 27.1 40.7
249 31.0 25.1 37.7





#69

Atrazine

Concen: 66.961 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

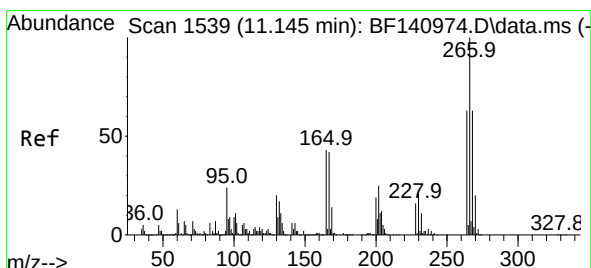
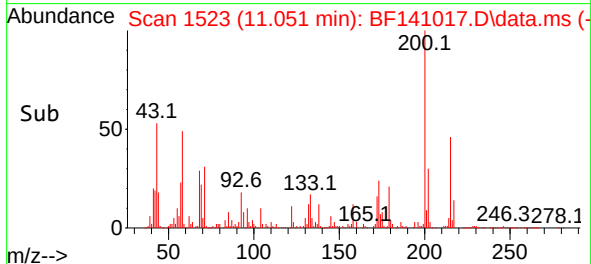
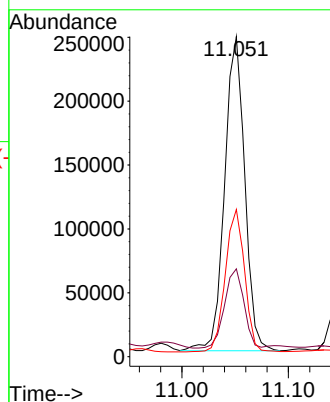
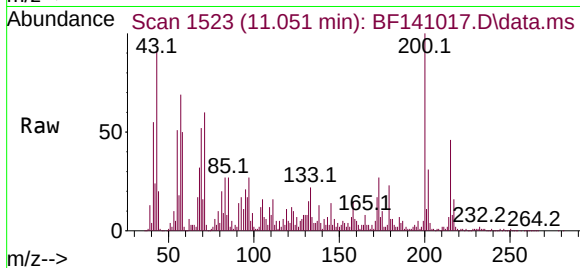
Tgt Ion:200 Resp: 322193

Ion Ratio Lower Upper

200 100

173 27.4 6.4 46.4

215 46.0 27.2 67.2



#70

Pentachlorophenol

Concen: 97.173 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

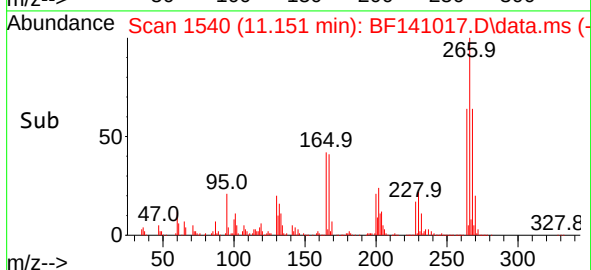
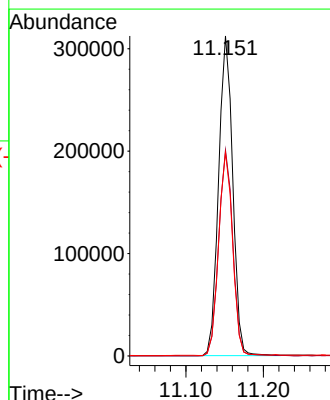
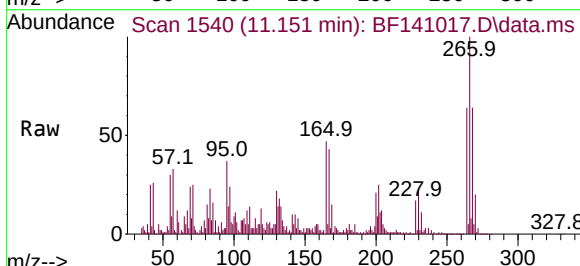
Tgt Ion:266 Resp: 394435

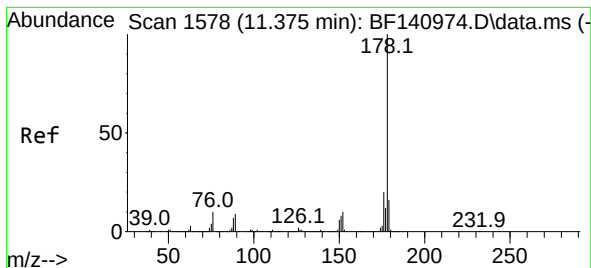
Ion Ratio Lower Upper

266 100

268 64.3 50.5 75.7

264 63.6 50.2 75.4





#71

Phenanthrene

Concen: 55.621 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

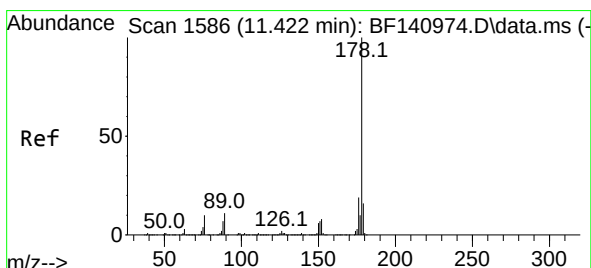
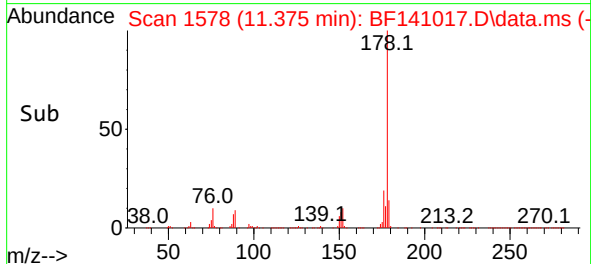
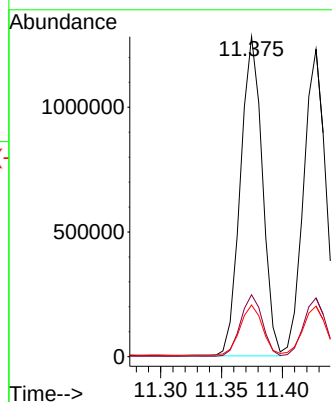
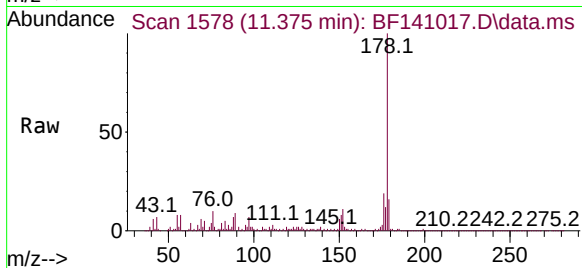
Tgt Ion:178 Resp: 1601133

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 16.2 12.6 19.0



#72

Anthracene

Concen: 54.691 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

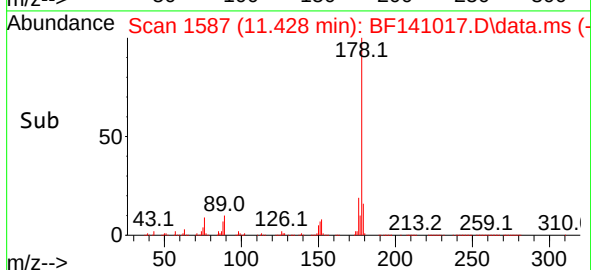
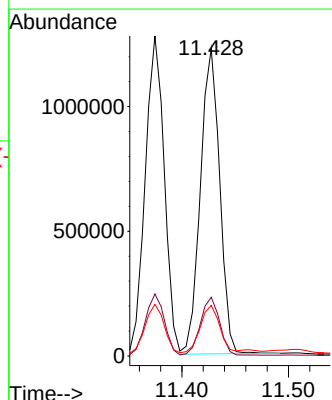
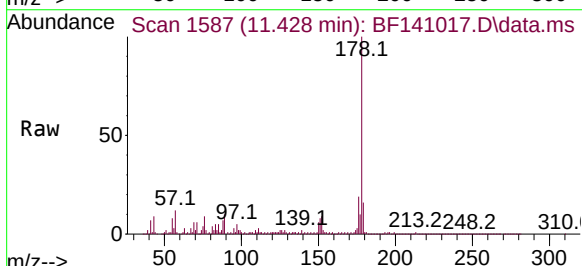
Tgt Ion:178 Resp: 1542658

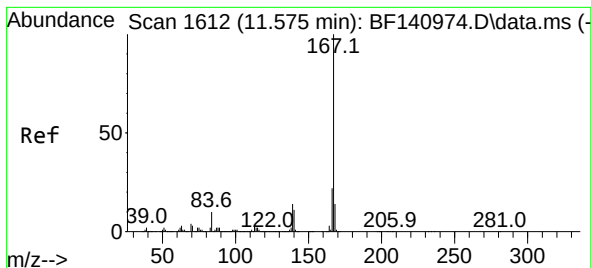
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 16.4 12.9 19.3





#73

Carbazole

Concen: 50.612 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

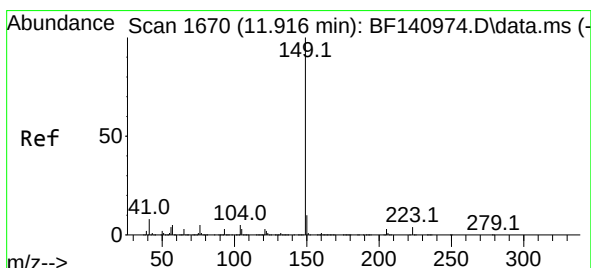
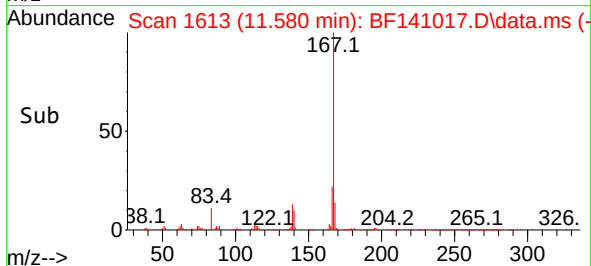
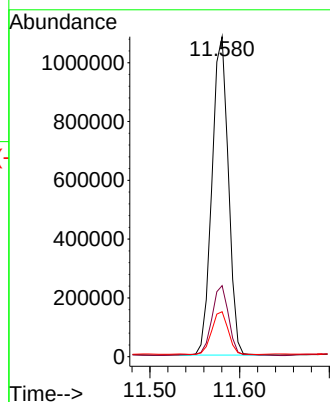
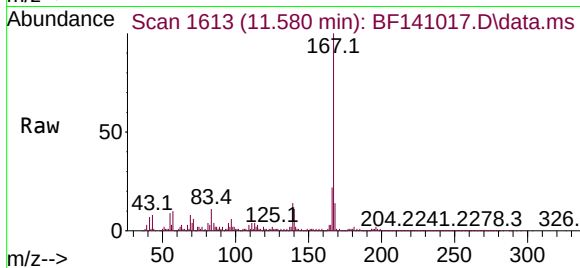
Tgt Ion:167 Resp: 1372377

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

139 14.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 53.949 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

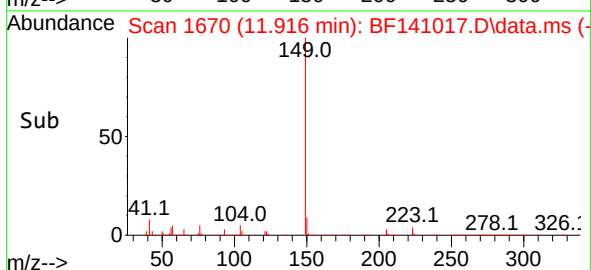
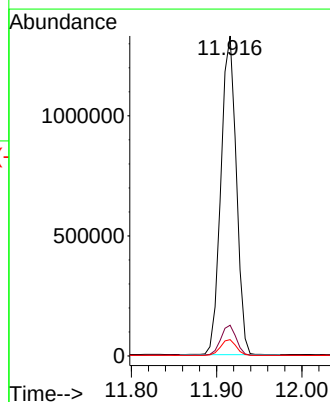
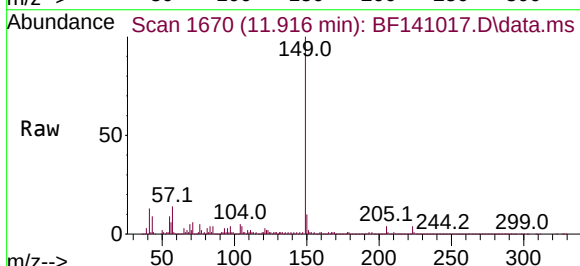
Tgt Ion:149 Resp: 1663865

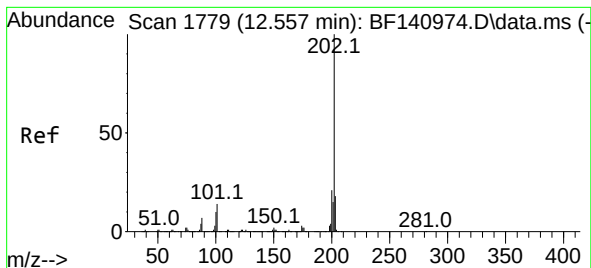
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 50.222 ng

RT: 12.563 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

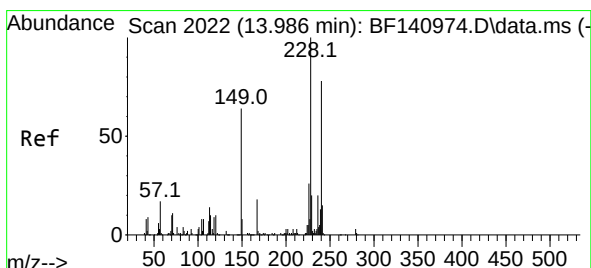
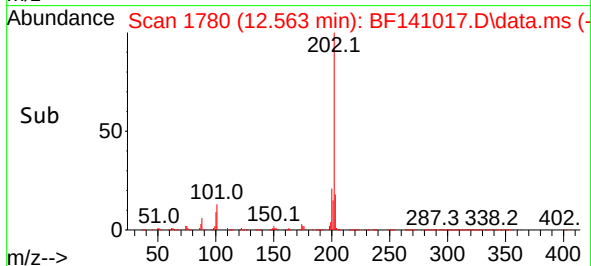
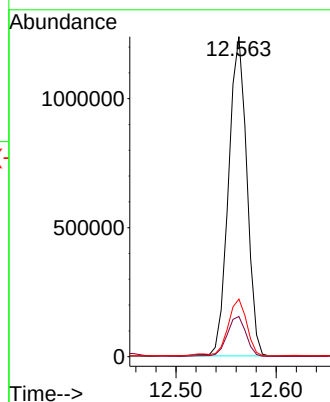
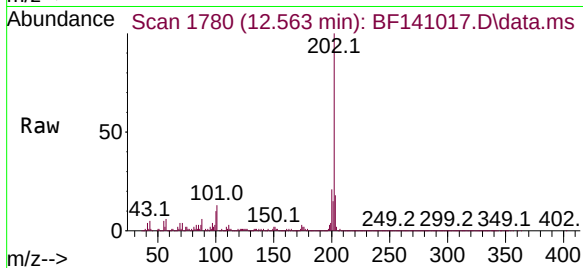
Tgt Ion:202 Resp: 1567974

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.7

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

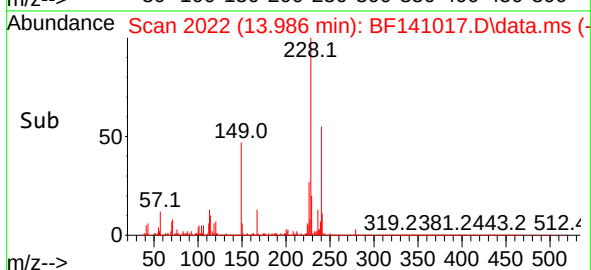
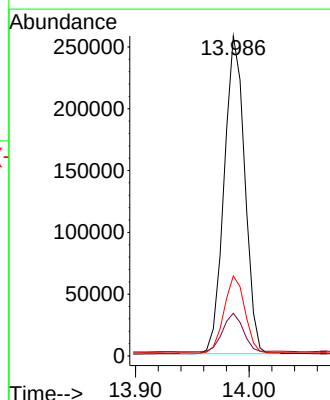
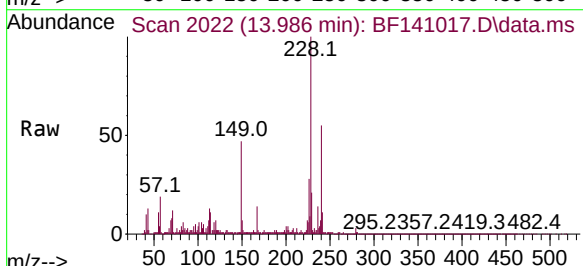
Tgt Ion:240 Resp: 323787

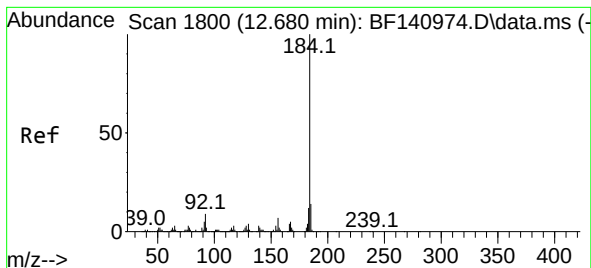
Ion Ratio Lower Upper

240 100

120 13.4 10.7 16.1

236 25.0 20.6 31.0





#77

Benzidine

Concen: 67.770 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

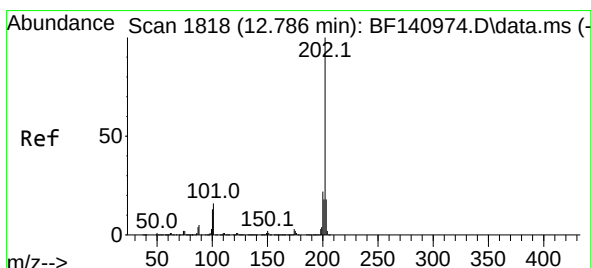
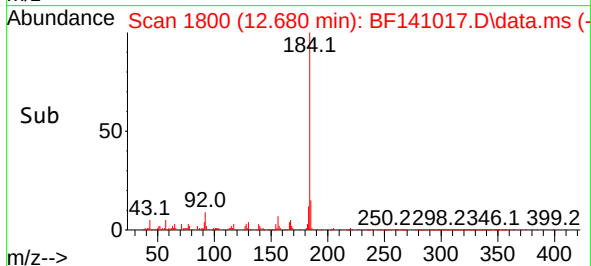
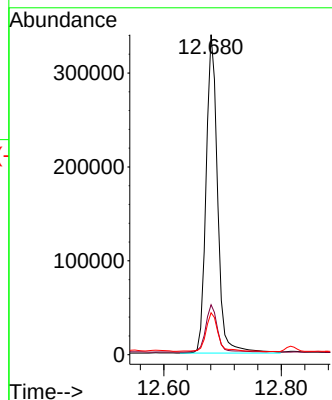
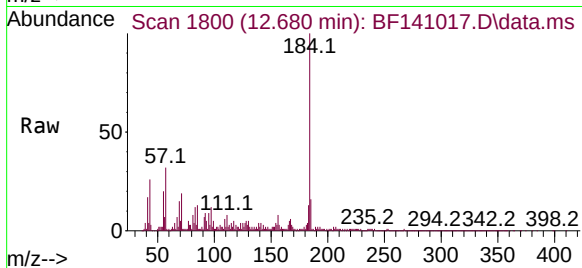
Tgt Ion:184 Resp: 463745

Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.2

183 13.1 9.4 14.0



#78

Pyrene

Concen: 54.902 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

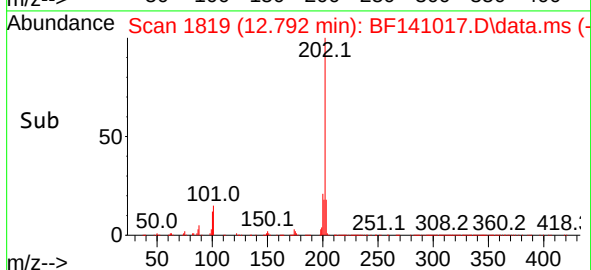
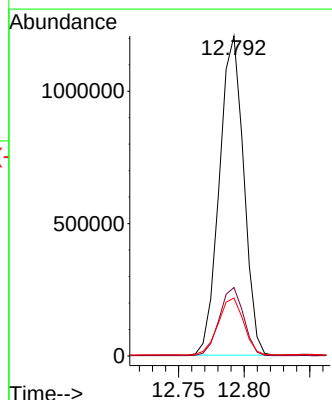
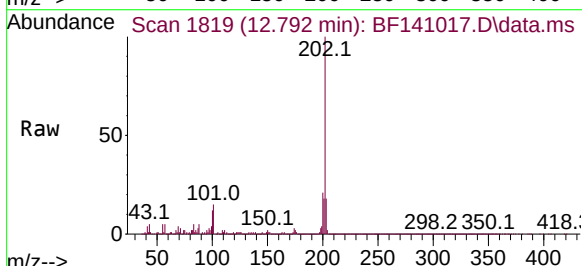
Tgt Ion:202 Resp: 1554708

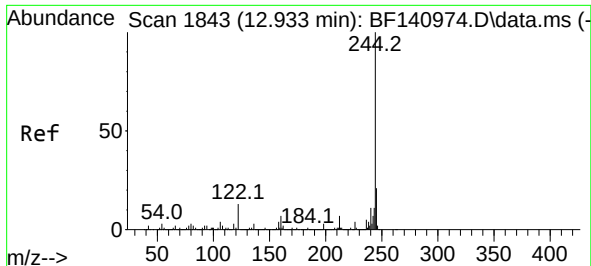
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 18.1 14.6 21.8

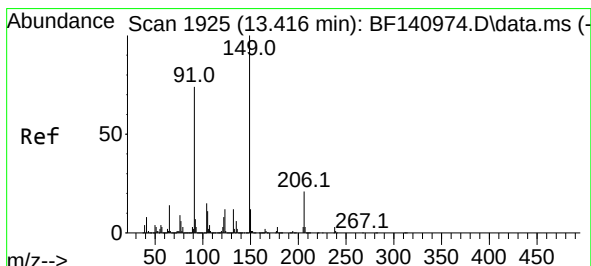
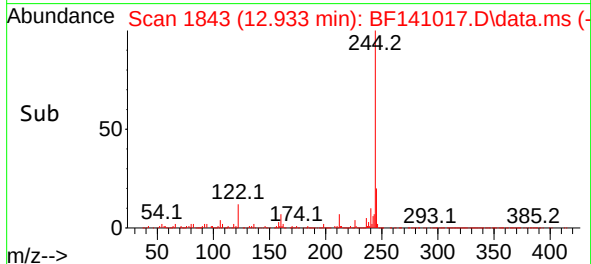
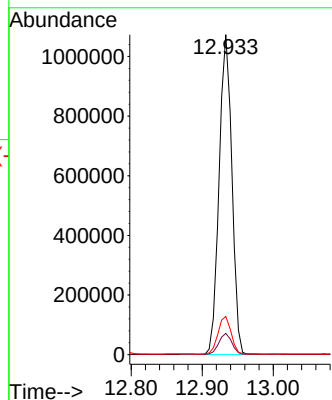
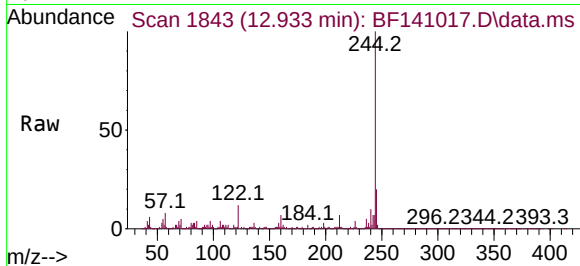




#79
 Terphenyl-d14
 Concen: 68.302 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141017.D
 Acq: 28 Dec 2024 00:21

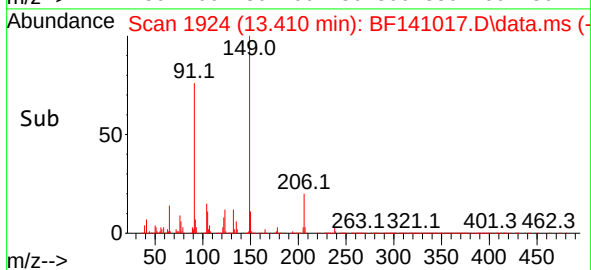
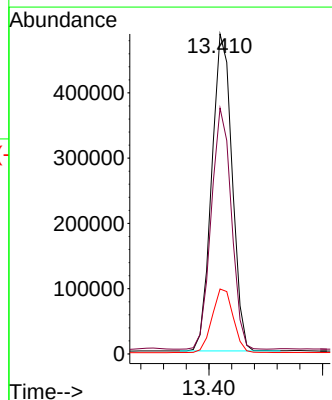
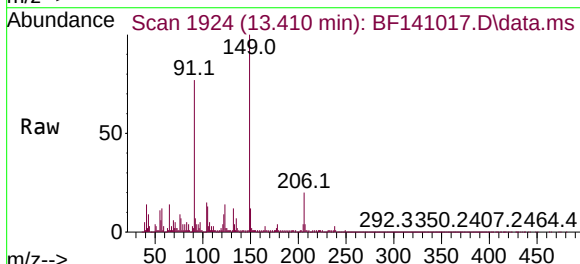
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122624MSD

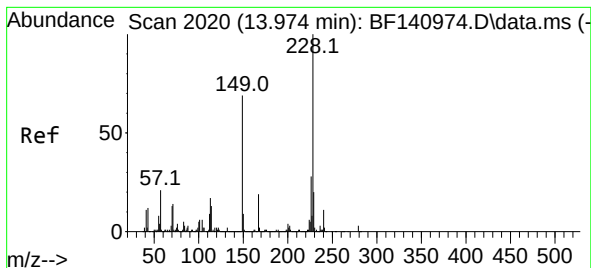
Tgt Ion:244 Resp: 1331449
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 12.0 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 58.582 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141017.D
 Acq: 28 Dec 2024 00:21

Tgt Ion:149 Resp: 605751
 Ion Ratio Lower Upper
 149 100
 91 76.8 59.5 89.3
 206 20.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 50.907 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

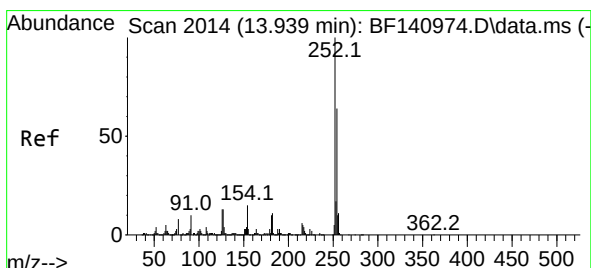
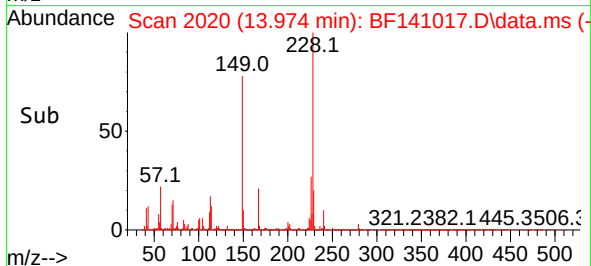
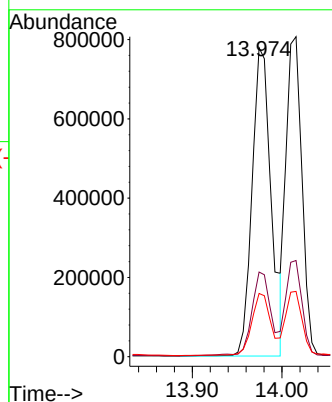
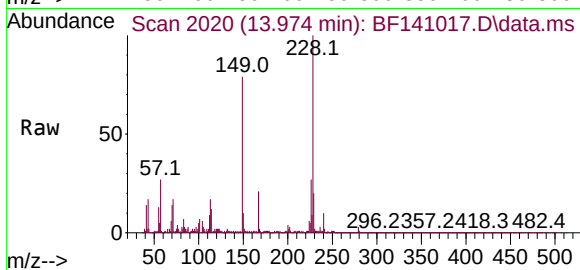
Tgt Ion:228 Resp: 1148763

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.5 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 42.122 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

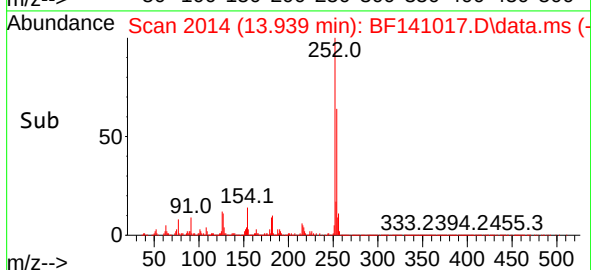
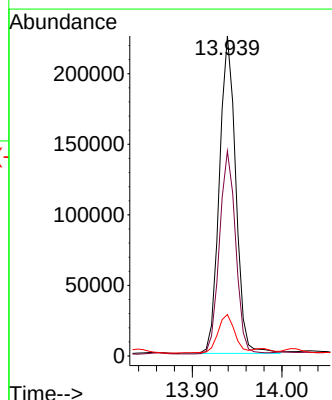
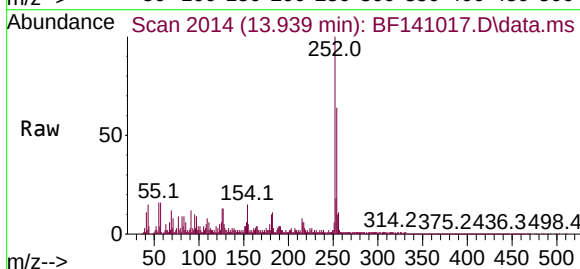
Tgt Ion:252 Resp: 285585

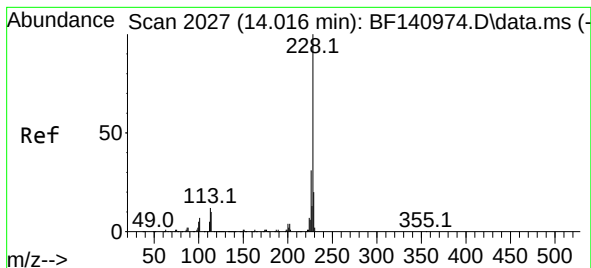
Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

126 12.9 10.3 15.5





#83

Chrysene

Concen: 48.195 ng

RT: 14.016 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

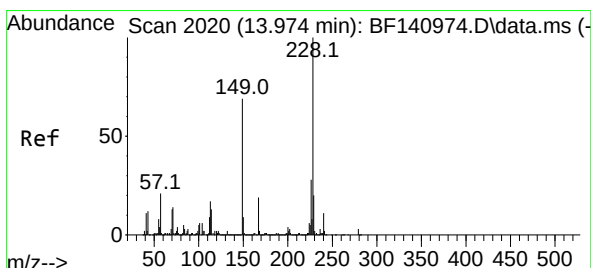
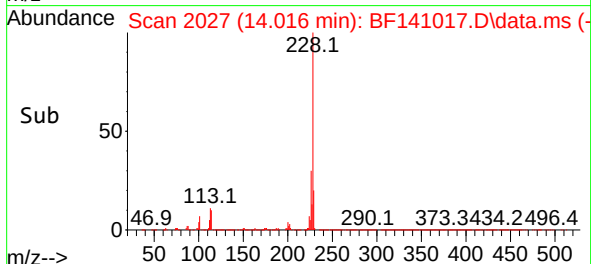
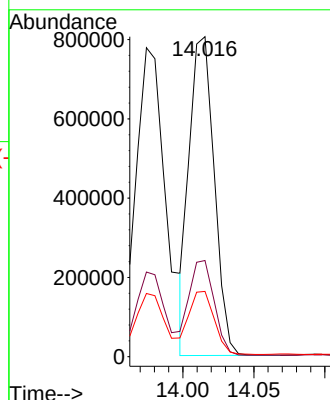
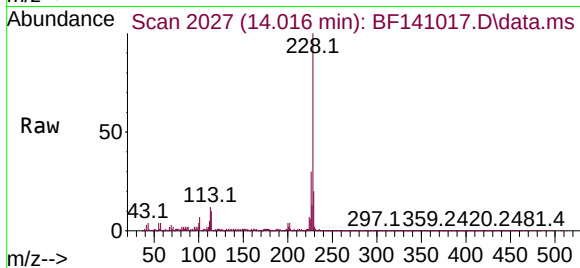
Tgt Ion:228 Resp: 980401

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.519 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

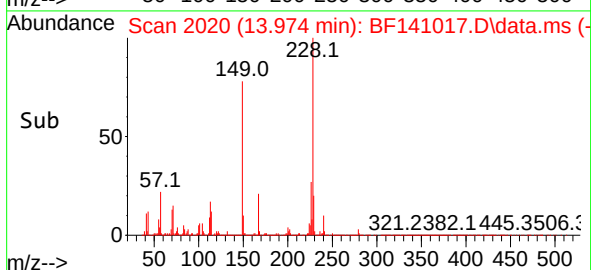
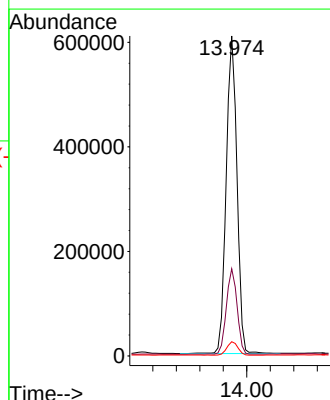
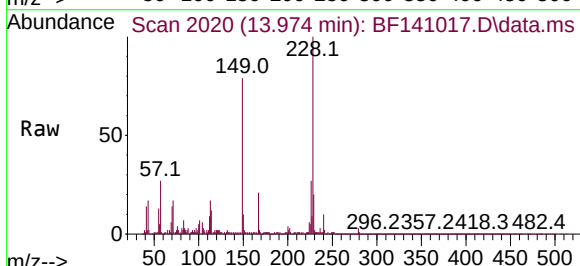
Tgt Ion:149 Resp: 771495

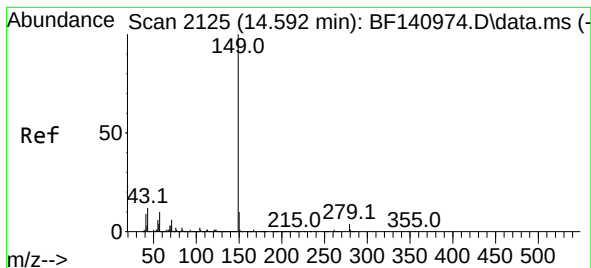
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.014 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

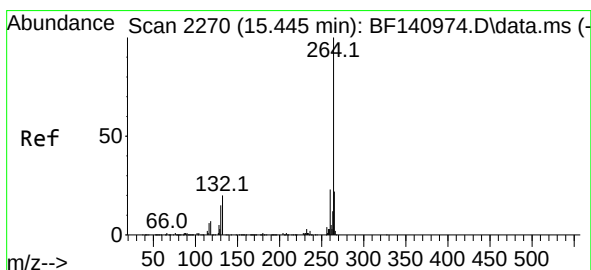
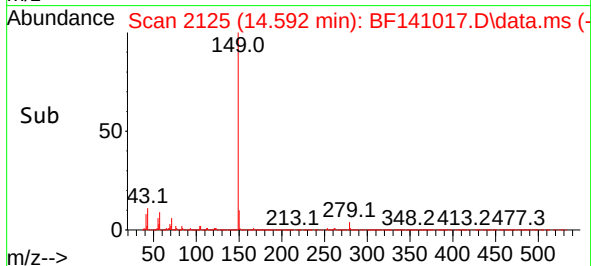
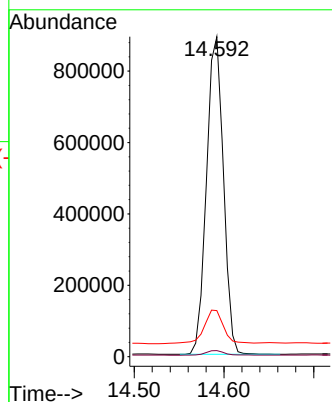
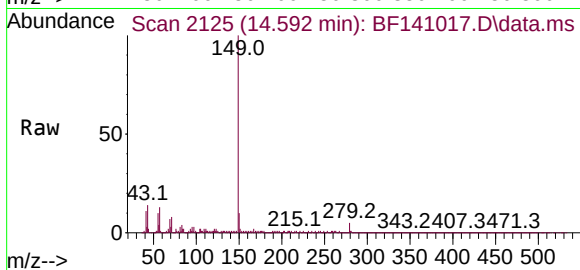
Tgt Ion:149 Resp: 1165058

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.2 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

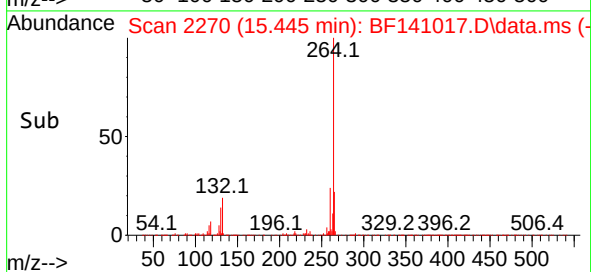
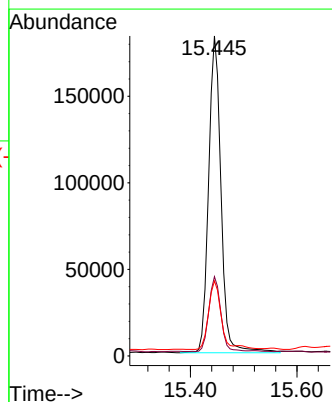
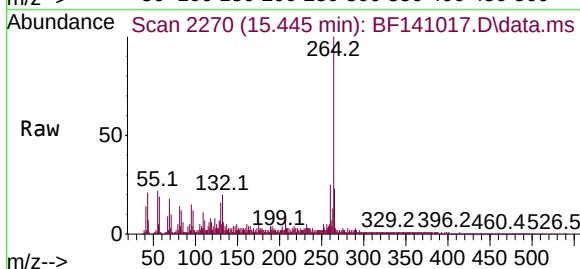
Tgt Ion:264 Resp: 295704

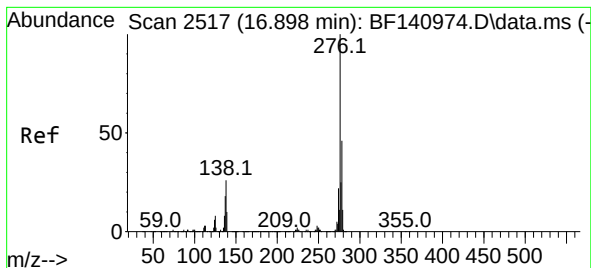
Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

265 23.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.579 ng

RT: 16.898 min Scan# 2517

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

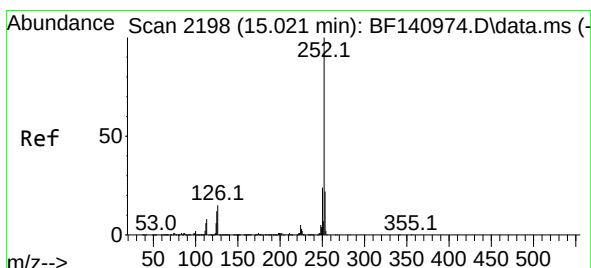
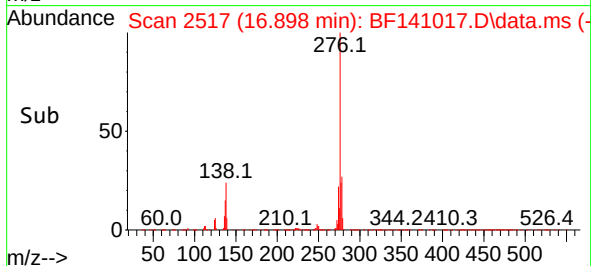
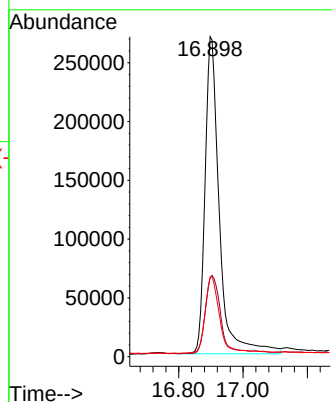
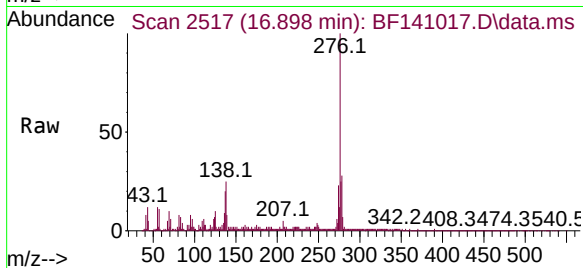
Tgt Ion:276 Resp: 830504

Ion Ratio Lower Upper

276 100

138 25.9 23.1 34.7

277 24.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.560 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

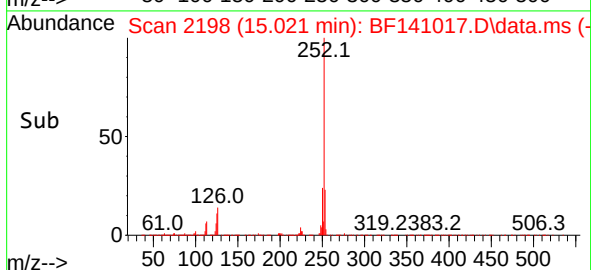
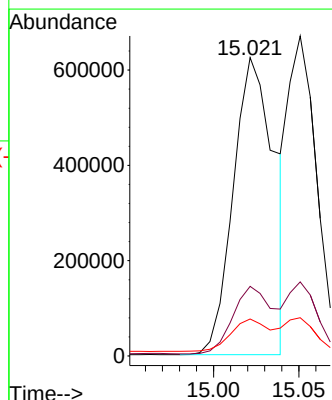
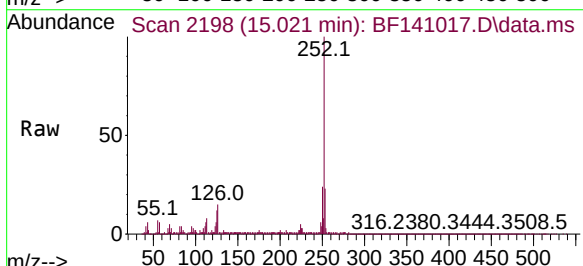
Tgt Ion:252 Resp: 1042725

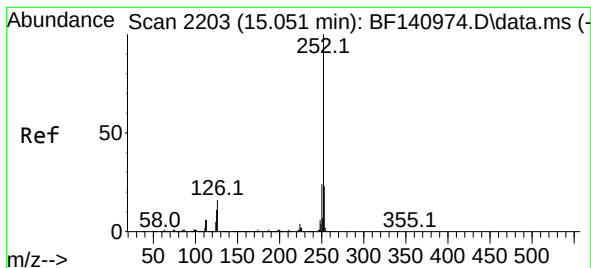
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 12.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 47.872 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

Instrument :

BNA_F

ClientSampleId :

TR-05-122624MSD

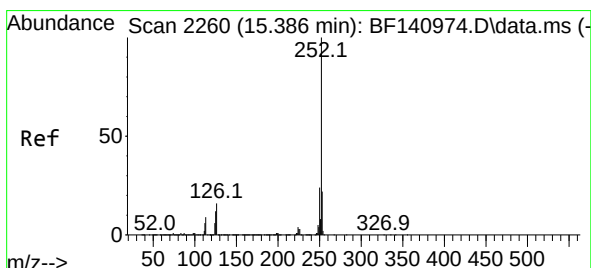
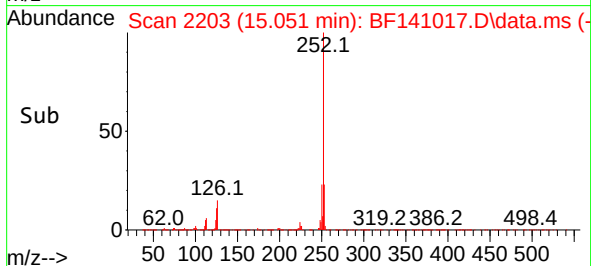
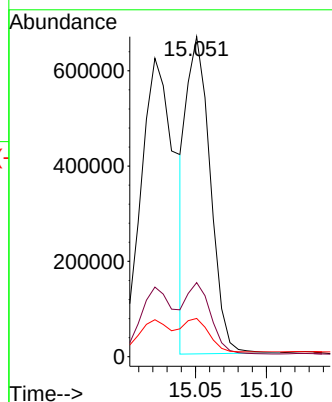
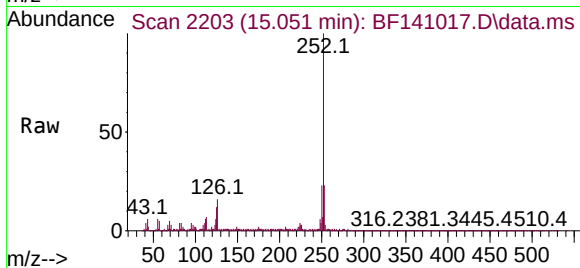
Tgt Ion:252 Resp: 773805

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 12.0 9.4 14.0



#90

Benzo(a)pyrene

Concen: 52.488 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF141017.D

Acq: 28 Dec 2024 00:21

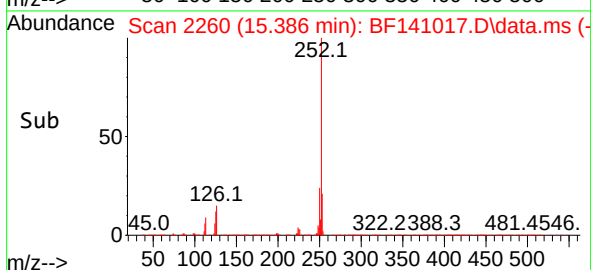
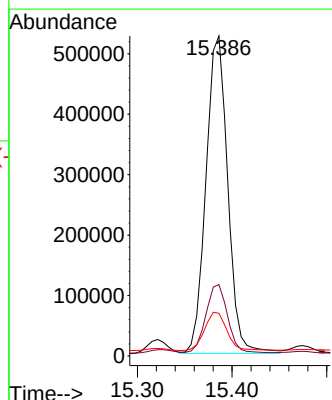
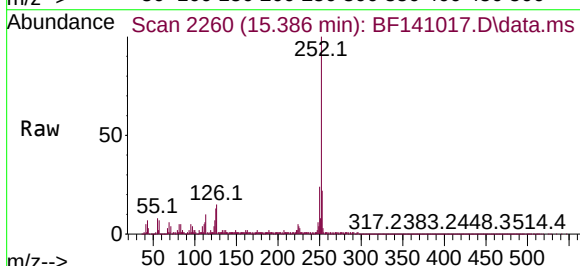
Tgt Ion:252 Resp: 840201

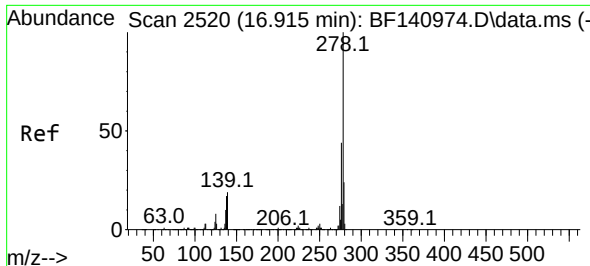
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 13.4 9.8 14.8

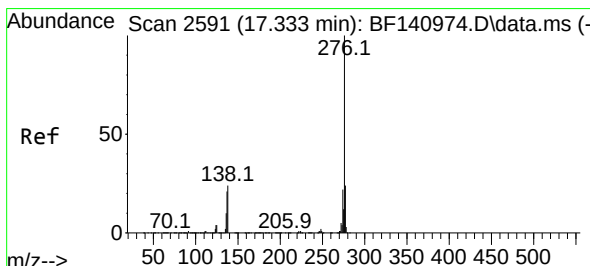
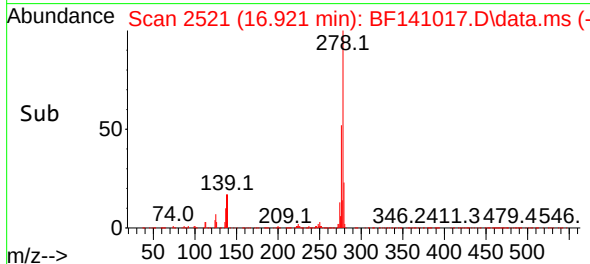
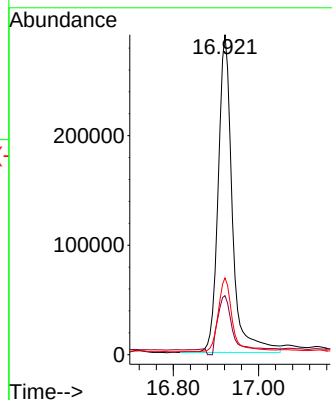
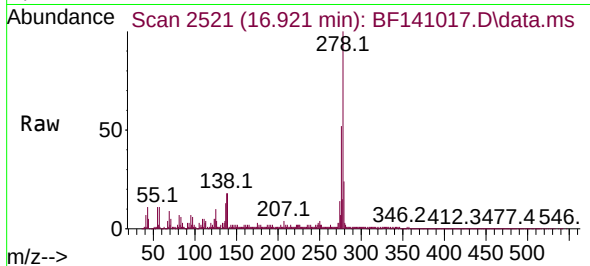




#91
 Dibenzo(a,h)anthracene
 Concen: 44.398 ng
 RT: 16.921 min Scan# 2520
 Delta R.T. 0.006 min
 Lab File: BF141017.D
 Acq: 28 Dec 2024 00:21

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122624MSD

Tgt Ion:278 Resp: 670482
 Ion Ratio Lower Upper
 278 100
 139 18.5 14.9 22.3
 279 24.0 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 36.650 ng
 RT: 17.339 min Scan# 2592
 Delta R.T. 0.006 min
 Lab File: BF141017.D
 Acq: 28 Dec 2024 00:21

Tgt Ion:276 Resp: 574060
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.4
 138 23.4 19.4 29.2

