

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141019.D
 Acq On : 30 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 30 10:08:52 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	6.834	152	287798	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1120357	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	589913	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	999326	20.000	ng	0.00
76) Chrysene-d12	13.992	240	513499	20.000	ng	0.00
86) Perylene-d12	15.451	264	572329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1430877	74.944	ng	0.00
7) Phenol-d6	6.457	99	1850852	75.252	ng	0.00
23) Nitrobenzene-d5	7.398	82	1419604	81.066	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	463792	80.910	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2835781	76.589	ng	0.00
79) Terphenyl-d14	12.939	244	2692720	87.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	324850	37.582	ng	99
3) Pyridine	3.304	79	830439	39.312	ng	99
4) n-Nitrosodimethylamine	3.252	42	396435	37.039	ng	98
6) Aniline	6.498	93	876086	39.939	ng	99
8) 2-Chlorophenol	6.616	128	768330	38.169	ng	99
9) Benzaldehyde	6.381	77	483931	40.312	ng	99
10) Phenol	6.469	94	995709	39.151	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	759321	36.977	ng	98
12) 1,3-Dichlorobenzene	6.775	146	868495	39.095	ng	99
13) 1,4-Dichlorobenzene	6.851	146	866903	38.710	ng	99
14) 1,2-Dichlorobenzene	7.004	146	806001	38.601	ng	99
15) Benzyl Alcohol	6.969	79	667713	37.779	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1165429	37.528	ng	100
17) 2-Methylphenol	7.081	107	631725	37.776	ng	100
18) Hexachloroethane	7.345	117	305939	38.457	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	555869	36.891	ng	99
20) 3+4-Methylphenols	7.234	107	798915	37.751	ng	91
22) Acetophenone	7.240	105	1030346	37.489	ng	95
24) Nitrobenzene	7.416	77	779136	39.818	ng	99
25) Isophorone	7.651	82	1452518	38.118	ng	99
26) 2-Nitrophenol	7.728	139	283151	36.712	ng	98
27) 2,4-Dimethylphenol	7.763	122	522137	37.492	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	924219	38.280	ng	100
29) 2,4-Dichlorophenol	7.969	162	619461	39.219	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	705338	39.454	ng	100
31) Naphthalene	8.139	128	2265686	38.378	ng	99
32) Benzoic acid	7.875	122	406940	37.509	ng	96
33) 4-Chloroaniline	8.181	127	811033	37.974	ng	100
34) Hexachlorobutadiene	8.251	225	418359	39.695	ng	99
35) Caprolactam	8.551	113	199464	37.147	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	672479	38.337	ng	98
37) 2-Methylnaphthalene	8.822	142	1448371	38.350	ng	100
38) 1-Methylnaphthalene	8.922	142	1426512	38.433	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	653460	40.264	ng	100
41) Hexachlorocyclopentadiene	8.975	237	209732	38.997	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	423585	39.216	ng	100

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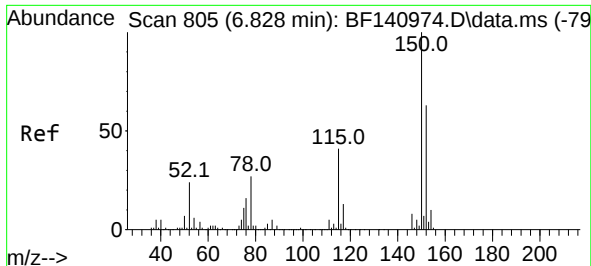
Quant Time: Dec 30 10:08:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	453675	41.049	ng	99
46) 1,1'-Biphenyl	9.286	154	1780971	39.429	ng	100
47) 2-Chloronaphthalene	9.316	162	1373992	39.221	ng	99
48) 2-Nitroaniline	9.404	65	334984	37.660	ng	96
49) Acenaphthylene	9.728	152	1927381	38.219	ng	100
50) Dimethylphthalate	9.586	163	1506626	38.828	ng	100
51) 2,6-Dinitrotoluene	9.651	165	293090	37.873	ng	100
52) Acenaphthene	9.898	154	1322805	38.800	ng	100
53) 3-Nitroaniline	9.816	138	316358	37.526	ng	96
54) 2,4-Dinitrophenol	9.922	184	89470	39.273	ng	# 1
55) Dibenzofuran	10.075	168	1857502	38.768	ng	98
56) 4-Nitrophenol	9.963	139	244391	36.820	ng	99
57) 2,4-Dinitrotoluene	10.051	165	355172	37.740	ng	99
58) Fluorene	10.416	166	1414704	38.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	369931	40.416	ng	98
60) Diethylphthalate	10.286	149	1479347	38.618	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	702832	39.313	ng	96
62) 4-Nitroaniline	10.428	138	311892	37.095	ng	96
63) Azobenzene	10.569	77	1521732	37.847	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	137748	37.186	ng	95
66) n-Nitrosodiphenylamine	10.528	169	1240017	39.405	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	448280	41.496	ng	97
68) Hexachlorobenzene	10.963	284	479543	40.258	ng	99
69) Atrazine	11.051	200	297531	33.844	ng	99
70) Pentachlorophenol	11.151	266	290589	39.182	ng	99
71) Phenanthrene	11.375	178	2018462	38.377	ng	100
72) Anthracene	11.428	178	1971230	38.249	ng	100
73) Carbazole	11.580	167	1810329	36.540	ng	100
74) Di-n-butylphthalate	11.916	149	2091018	37.107	ng	100
75) Fluoranthene	12.563	202	1955256	34.277	ng	100
77) Benzidine	12.686	184	410188	37.797	ng	100
78) Pyrene	12.792	202	1964156	43.736	ng	100
80) Butylbenzylphthalate	13.416	149	651212	39.711	ng	99
81) Benzo(a)anthracene	13.980	228	1320984	36.912	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	430238	40.013	ng	99
83) Chrysene	14.021	228	1300887	40.323	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	790574	37.166	ng	100
85) Di-n-octyl phthalate	14.592	149	1269609	41.238	ng	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	1687714	46.806	ng	98
88) Benzo(b)fluoranthene	15.027	252	1304484	32.680	ng	99
89) Benzo(k)fluoranthene	15.057	252	1256515	40.163	ng	99
90) Benzo(a)pyrene	15.386	252	1181585	38.137	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	1381399	47.261	ng	99
92) Benzo(g,h,i)perylene	17.357	276	1446266	47.707	ng	99

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

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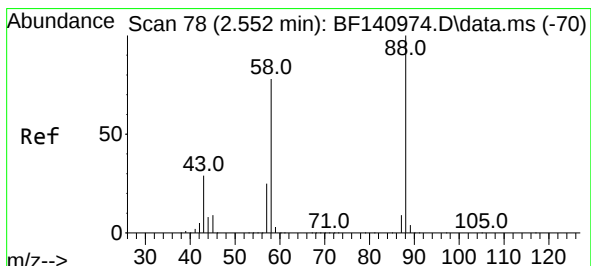
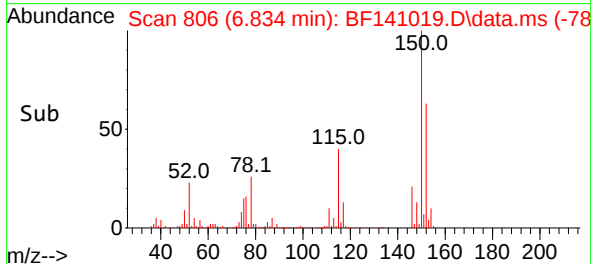
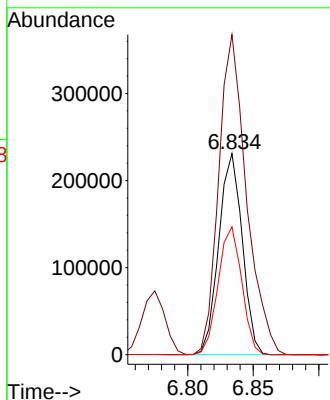
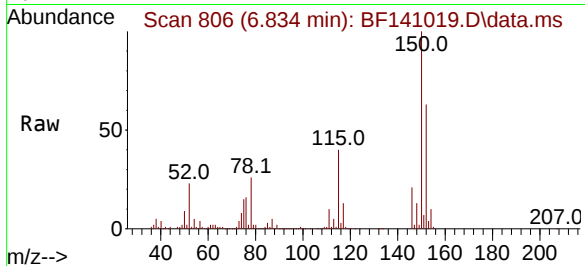




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF141019.D
 Acq: 30 Dec 2024 09:24

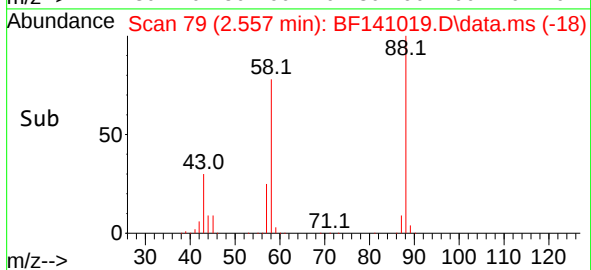
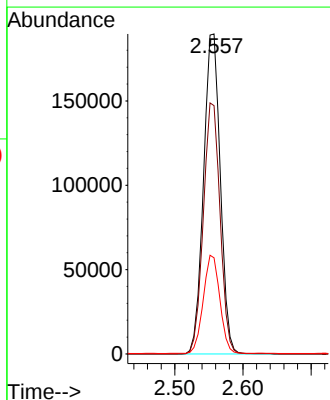
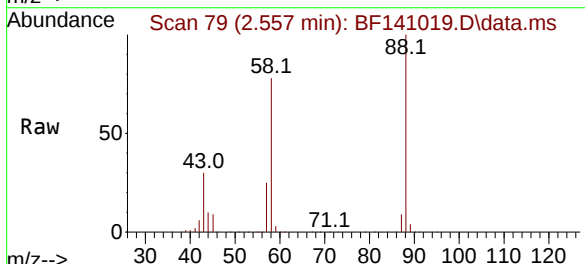
Instrument :
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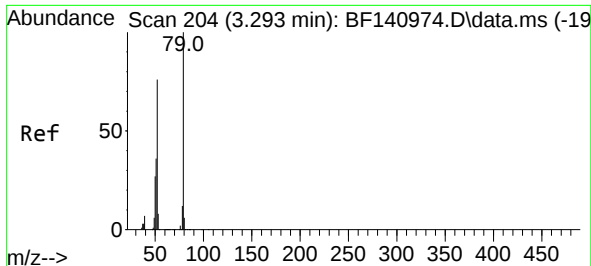
Tgt Ion:152 Resp: 287798
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.0 190.6
 115 63.5 51.7 77.5



#2
 1,4-Dioxane
 Concen: 37.582 ng
 RT: 2.557 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF141019.D
 Acq: 30 Dec 2024 09:24

Tgt Ion: 88 Resp: 324850
 Ion Ratio Lower Upper
 88 100
 58 78.3 63.0 94.4
 43 30.2 23.4 35.2

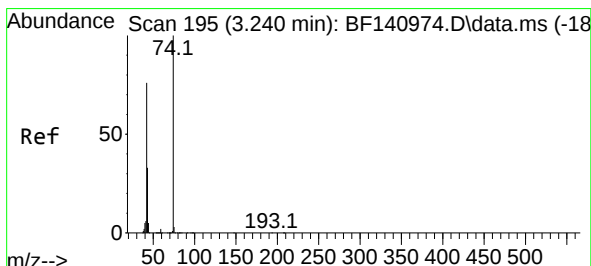
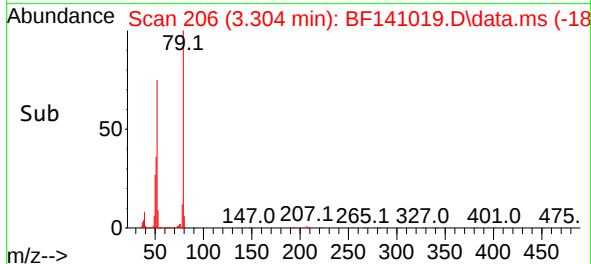
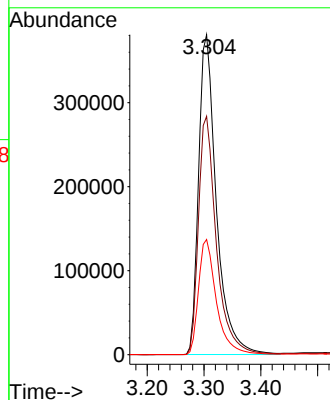
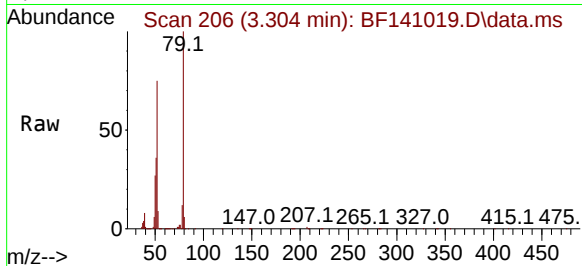




#3
Pyridine
Concen: 39.312 ng
RT: 3.304 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

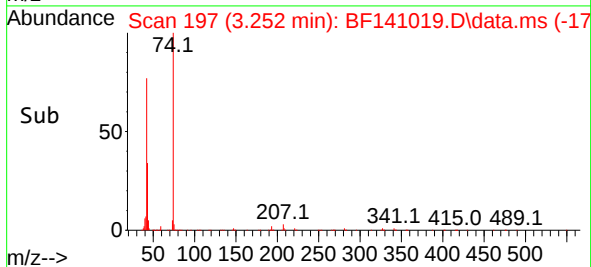
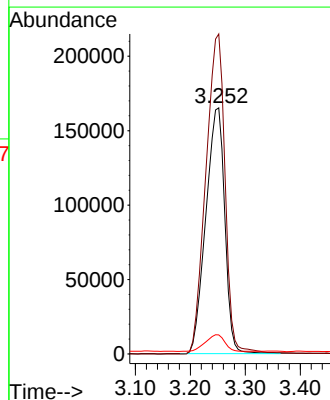
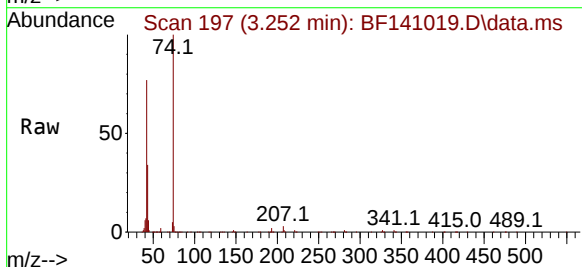
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

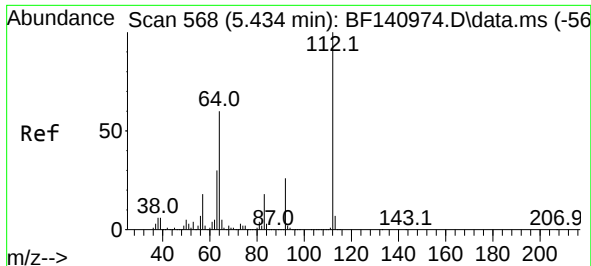
Tgt Ion: 79 Resp: 830439
Ion Ratio Lower Upper
79 100
52 74.5 60.4 90.6
51 36.0 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 37.039 ng
RT: 3.252 min Scan# 197
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 42 Resp: 396435
Ion Ratio Lower Upper
42 100
74 130.0 105.8 158.6
44 7.8 6.6 10.0

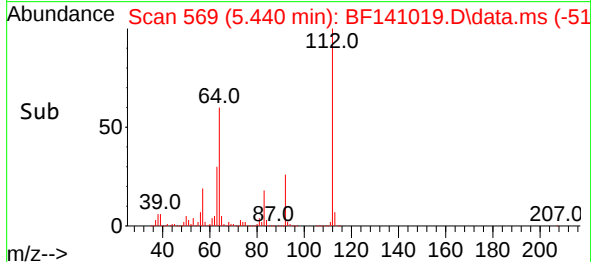
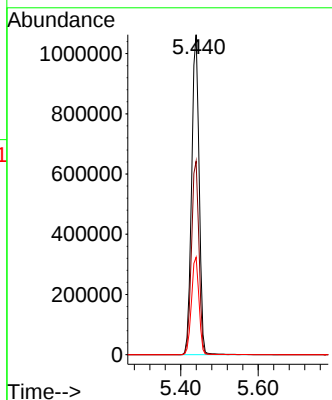
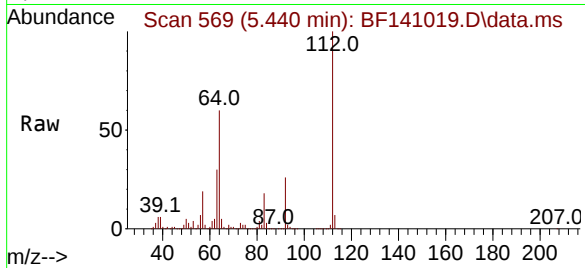




#5
2-Fluorophenol
Concen: 74.944 ng
RT: 5.440 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

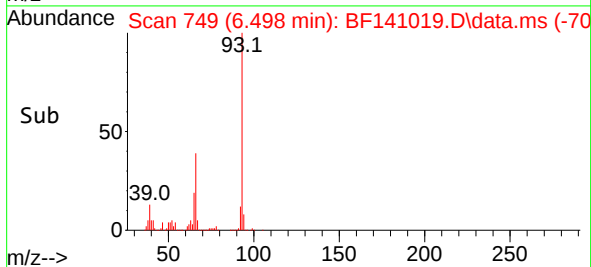
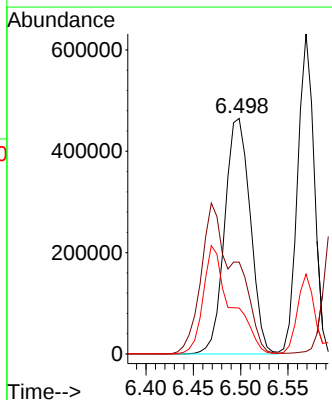
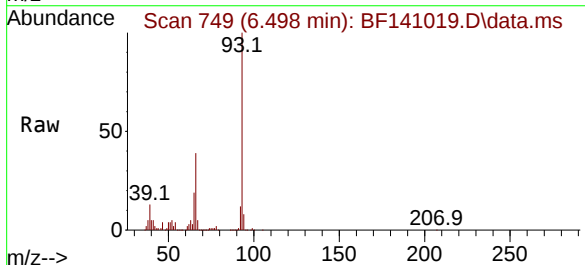
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

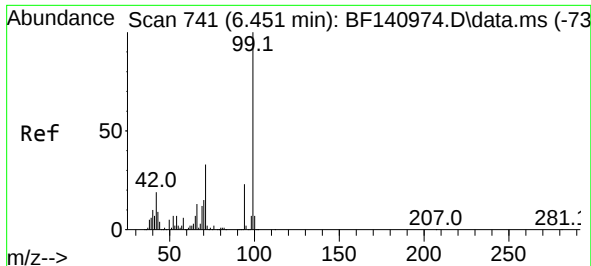
Tgt Ion:112 Resp: 1430877
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.5 24.2 36.2



#6
Aniline
Concen: 39.939 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 93 Resp: 876086
Ion Ratio Lower Upper
93 100
66 39.0 31.8 47.8
65 19.5 15.4 23.0





#7

Phenol-d6

Concen: 75.252 ng

RT: 6.457 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

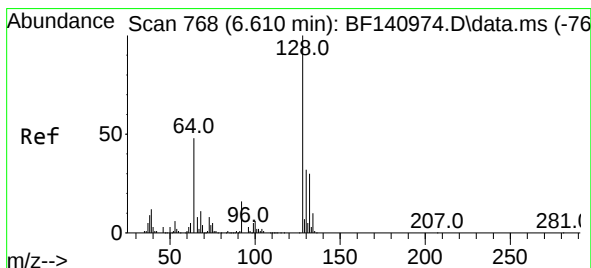
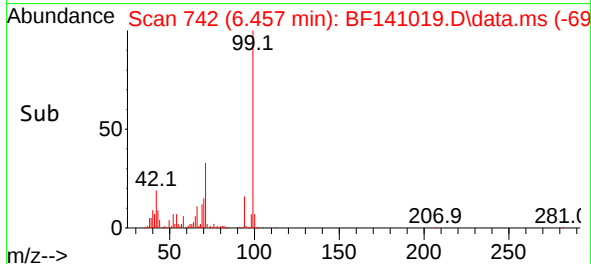
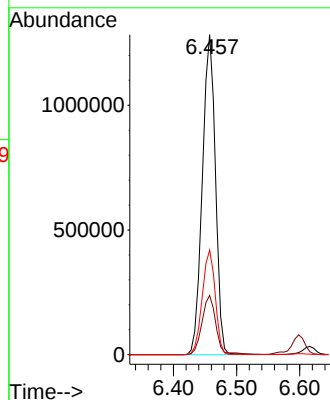
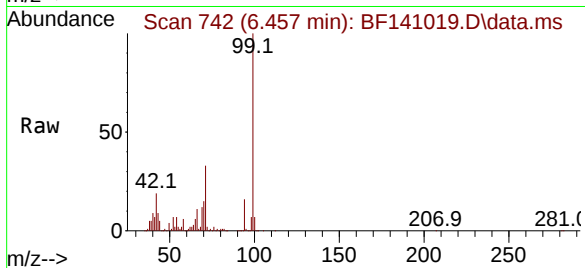
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1850852

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	32.7	26.2	39.2



#8

2-Chlorophenol

Concen: 38.169 ng

RT: 6.616 min Scan# 769

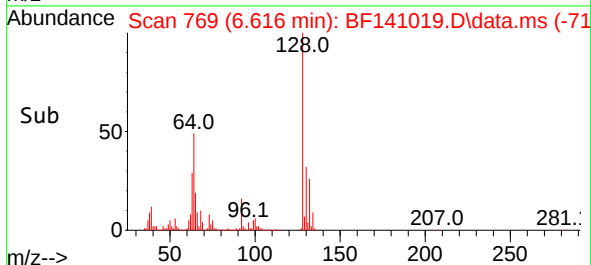
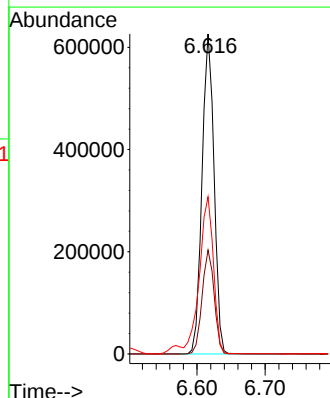
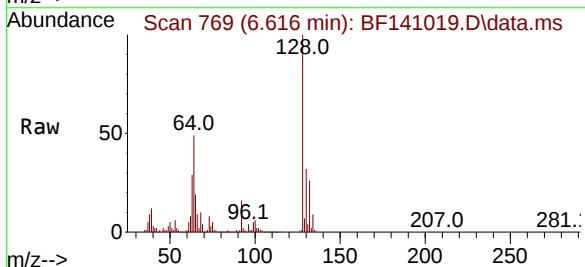
Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion: 128 Resp: 768330

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	49.1	30.3	70.3





#9

Benzaldehyde

Concen: 40.312 ng

RT: 6.381 min Scan# 729

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

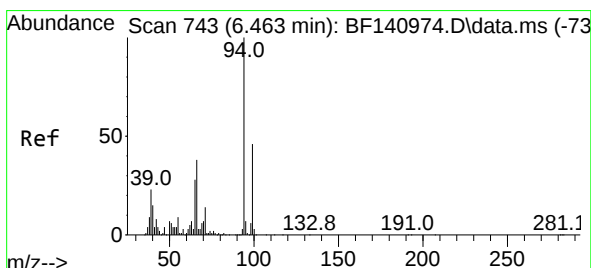
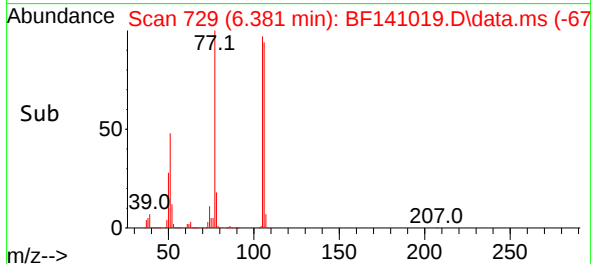
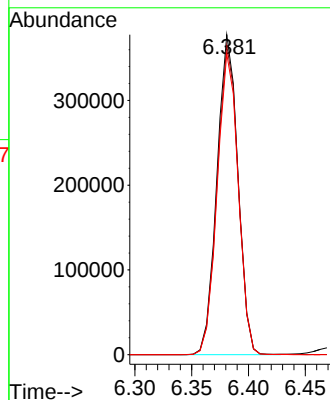
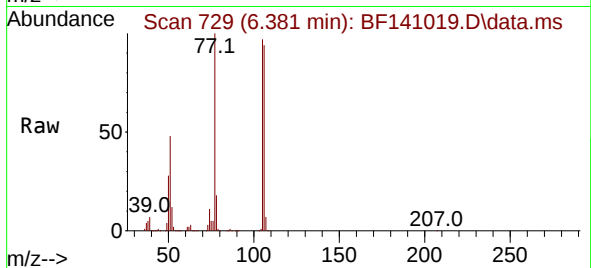
Tgt Ion: 77 Resp: 483931

Ion Ratio Lower Upper

77 100

105 96.7 76.2 116.2

106 94.0 73.4 113.4



#10

Phenol

Concen: 39.151 ng

RT: 6.469 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

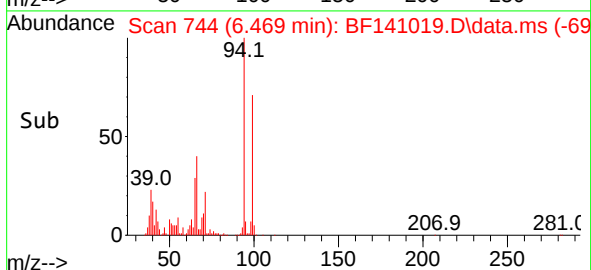
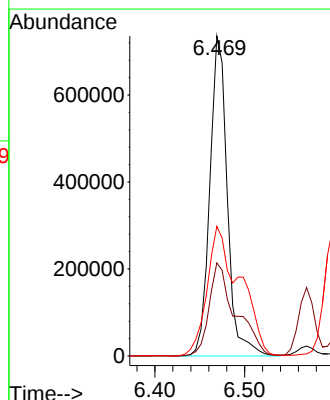
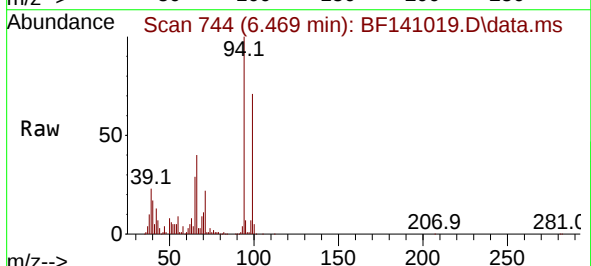
Tgt Ion: 94 Resp: 995709

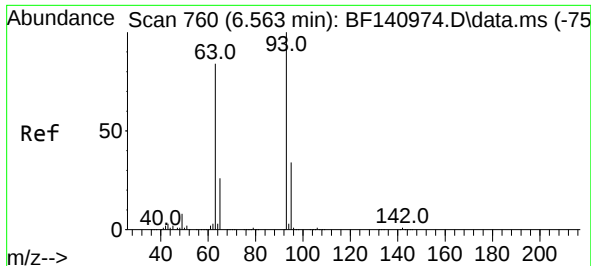
Ion Ratio Lower Upper

94 100

65 29.1 8.1 48.1

66 40.5 18.7 58.7

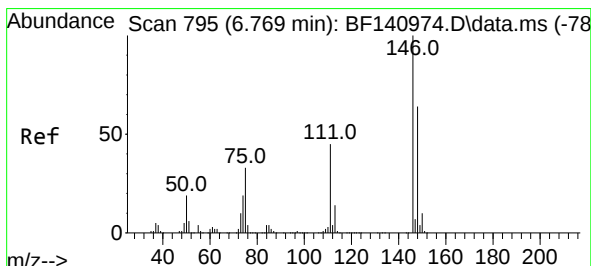
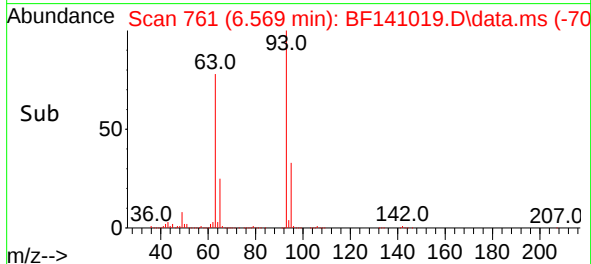
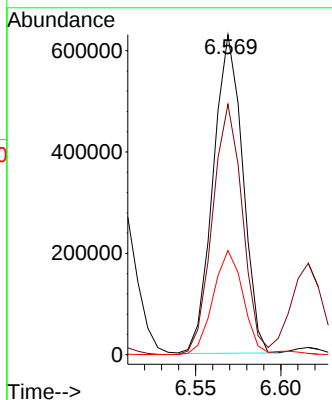
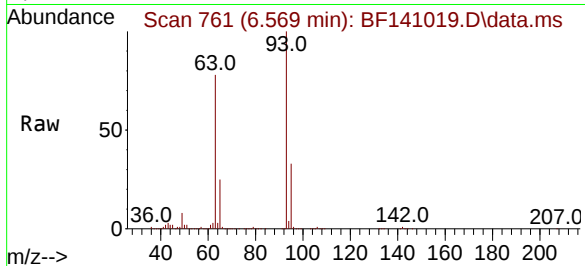




#11
bis(2-Chloroethyl)ether
Concen: 36.977 ng
RT: 6.569 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

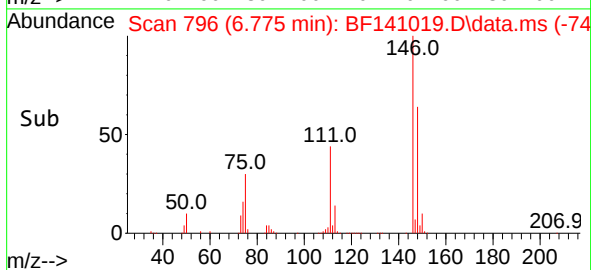
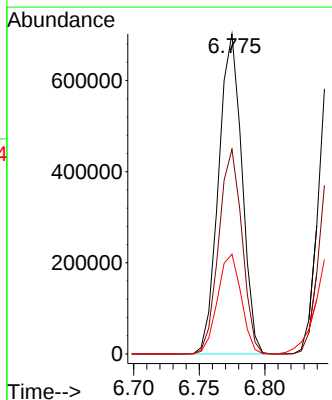
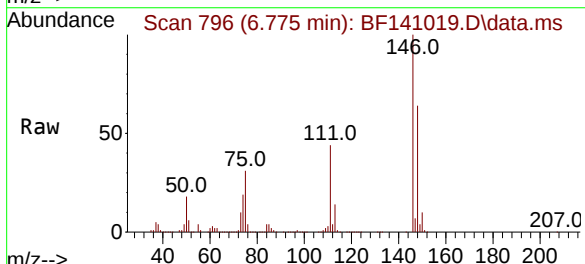
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 759321
Ion Ratio Lower Upper
93 100
63 78.3 60.3 100.3
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.095 ng
RT: 6.775 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:146 Resp: 868495
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.2 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.710 ng

RT: 6.851 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

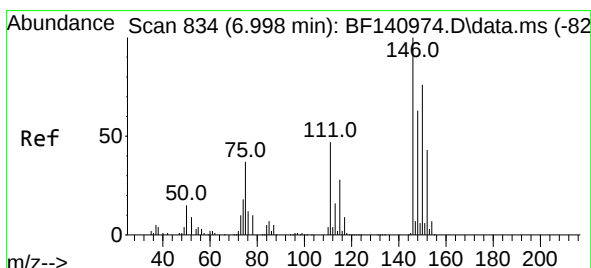
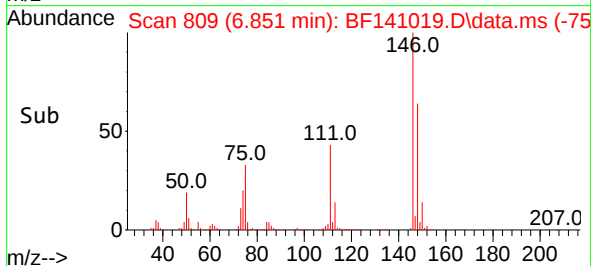
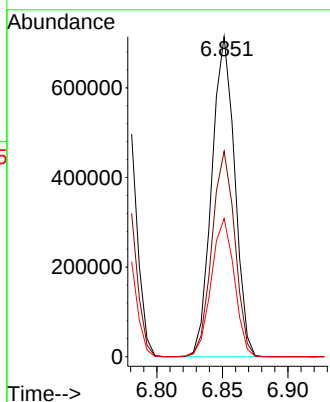
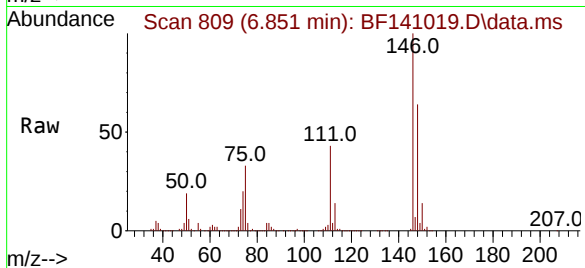
Tgt Ion:146 Resp: 866903

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

111 43.1 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 38.601 ng

RT: 7.004 min Scan# 835

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

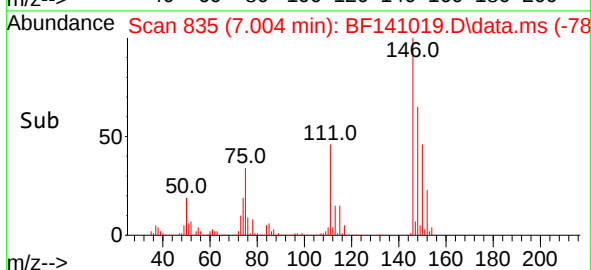
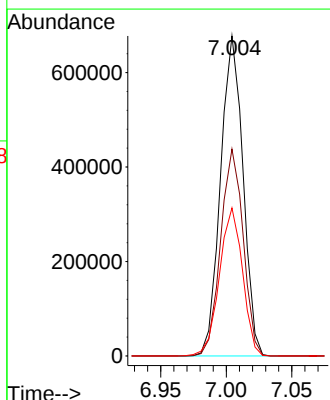
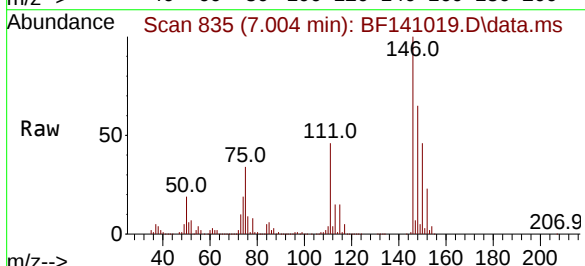
Tgt Ion:146 Resp: 806001

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

111 46.2 37.3 55.9

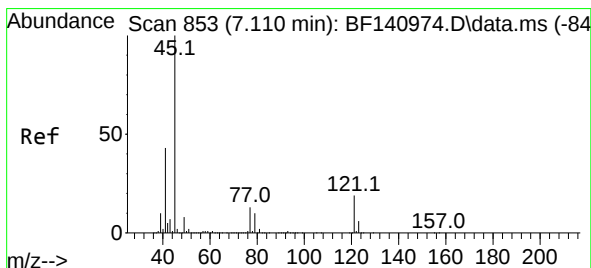
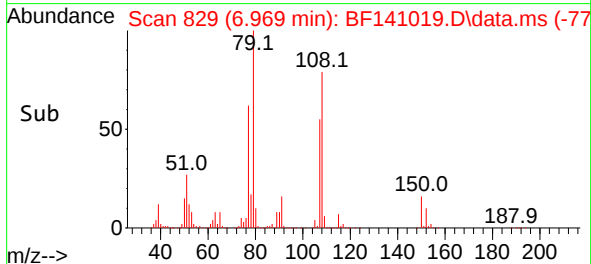
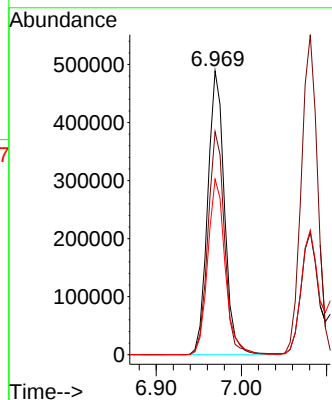
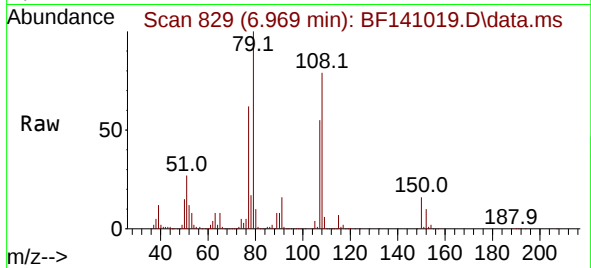




#15
Benzyl Alcohol
Concen: 37.779 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

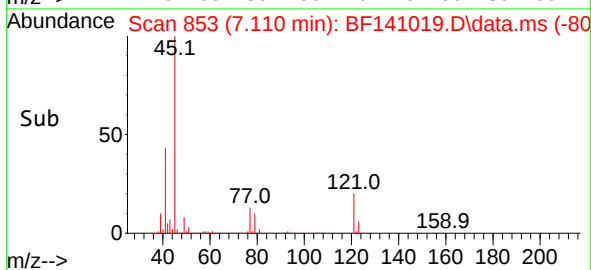
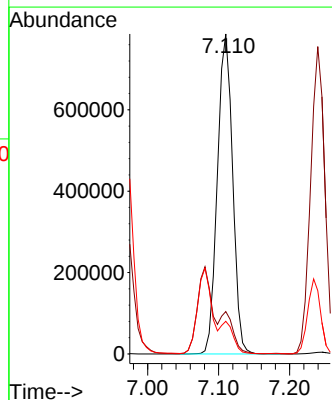
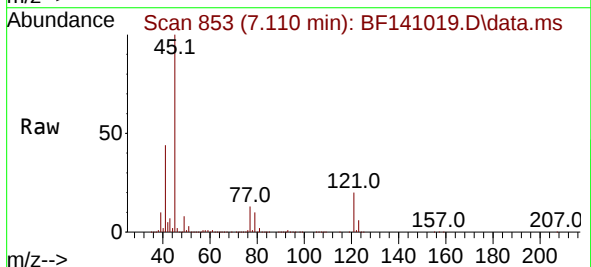
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

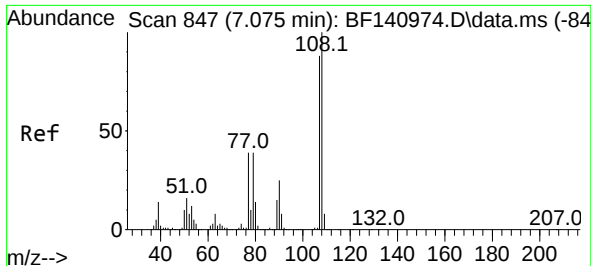
Tgt Ion: 79 Resp: 667713
Ion Ratio Lower Upper
79 100
108 78.6 62.5 93.7
77 61.9 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.528 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 45 Resp: 1165429
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.1
79 10.2 0.0 30.1





#17

2-Methylphenol

Concen: 37.776 ng

RT: 7.081 min Scan# 847

Delta R.T. 0.006 min

Lab File: BF141019.D

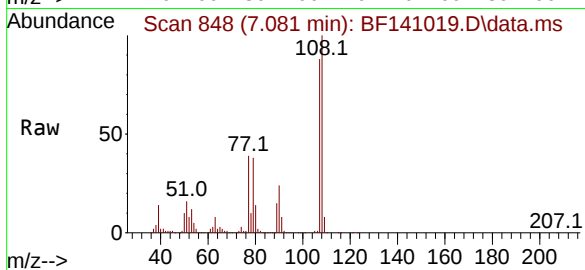
Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 631725

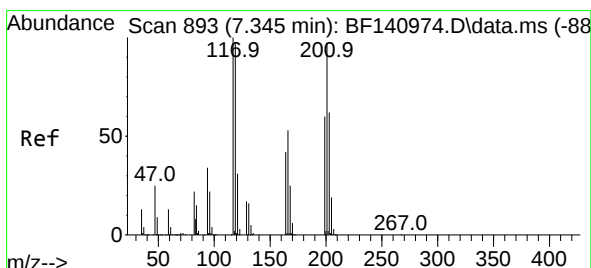
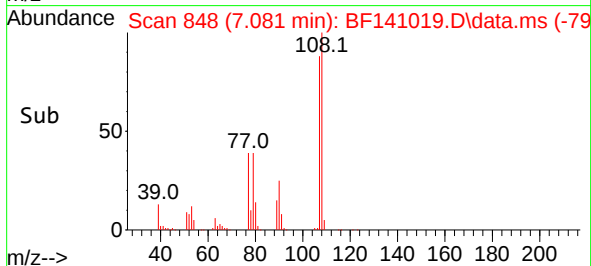
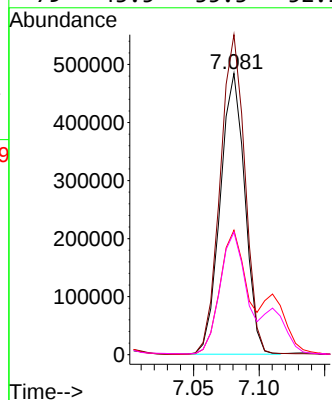
Ion	Ratio	Lower	Upper
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107	100		
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108	113.8	90.6	136.0
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77	44.2	35.3	52.9
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79	43.5	35.3	52.9
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#18

Hexachloroethane

Concen: 38.457 ng

RT: 7.345 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

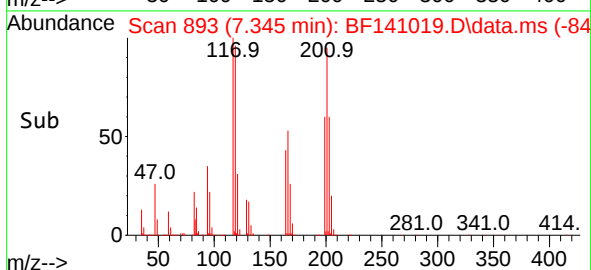
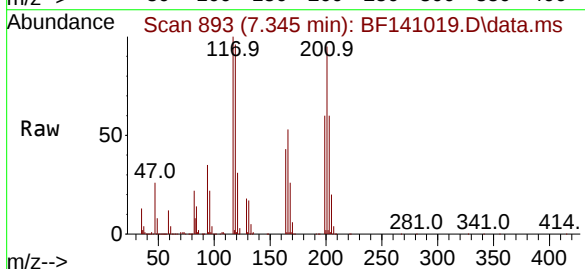
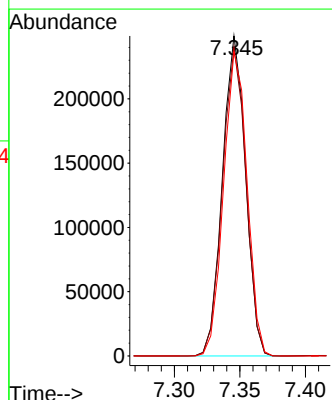
Tgt Ion:117 Resp: 305939

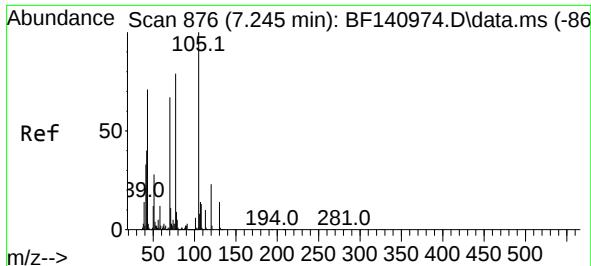
Ion	Ratio	Lower	Upper
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117	100		
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119	96.5	77.5	116.3
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201	95.1	77.4	116.2
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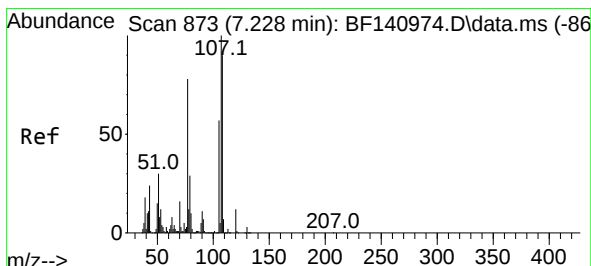
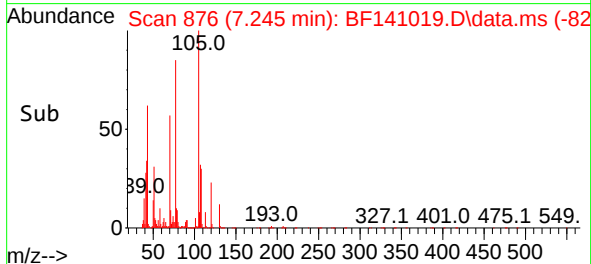
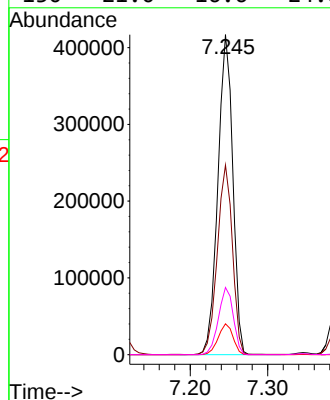
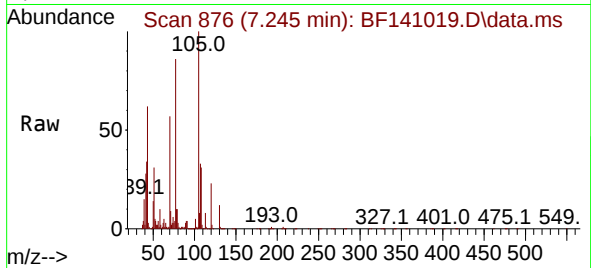




#19
n-Nitroso-di-n-propylamine
Concen: 36.891 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

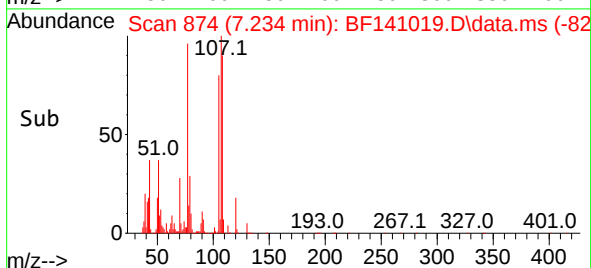
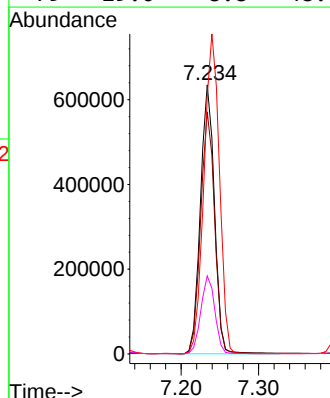
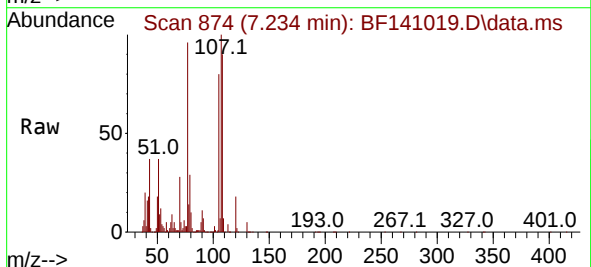
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 555869
Ion Ratio Lower Upper
70 100
42 59.2 48.1 72.1
101 9.6 7.6 11.4
130 21.0 16.6 24.8



#20
3+4-Methylphenols
Concen: 37.751 ng
RT: 7.234 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 107 Resp: 798915
Ion Ratio Lower Upper
107 100
108 90.0 69.6 109.6
77 95.7 57.6 97.6
79 29.0 8.8 48.8



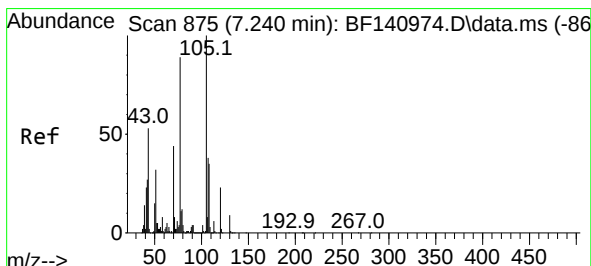
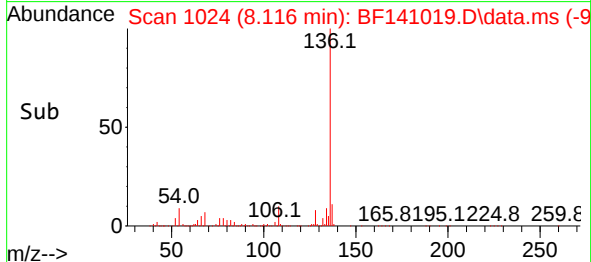
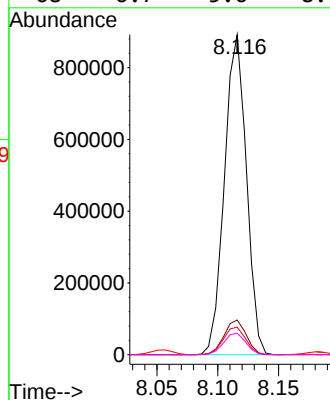
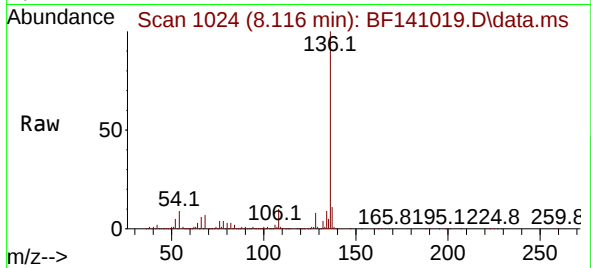


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1120357

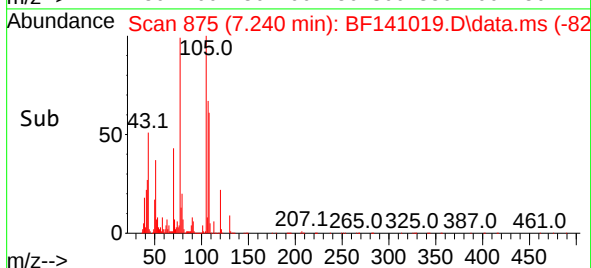
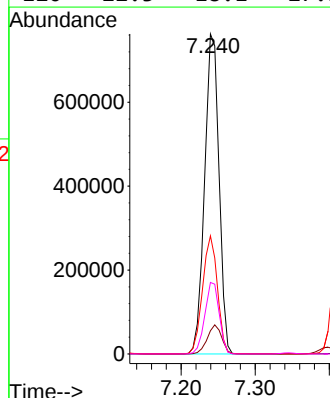
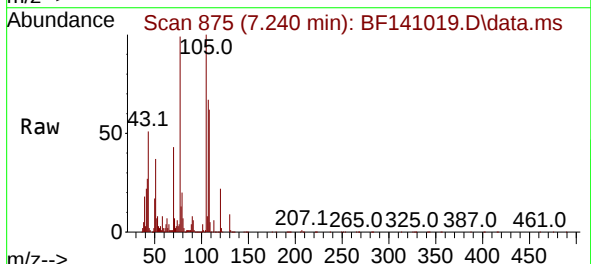
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.6	7.6	11.4
68	6.7	5.6	8.4

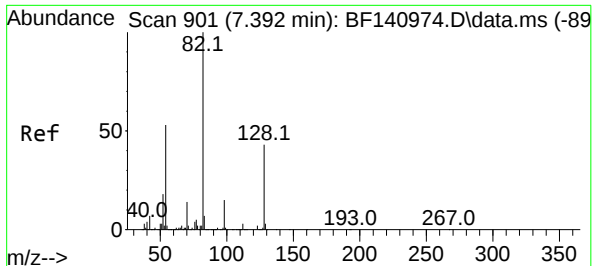


#22
Acetophenone
Concen: 37.489 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:105 Resp: 1030346

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.1	9.1
51	36.9	25.8	38.6
120	22.3	18.1	27.1





#23

Nitrobenzene-d5

Concen: 81.066 ng

RT: 7.398 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

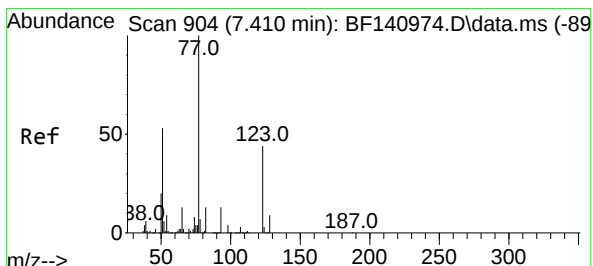
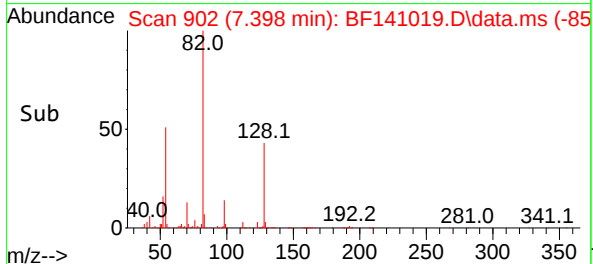
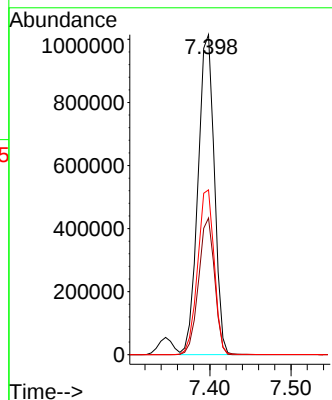
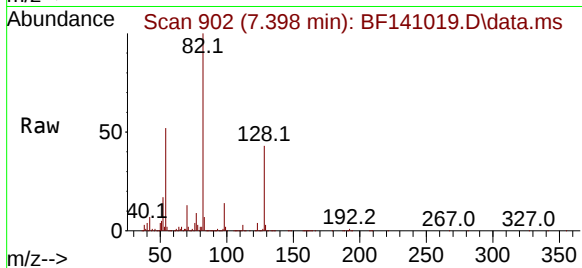
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1419604

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.4	51.6
54	51.5	42.4	63.6



#24

Nitrobenzene

Concen: 39.818 ng

RT: 7.416 min Scan# 905

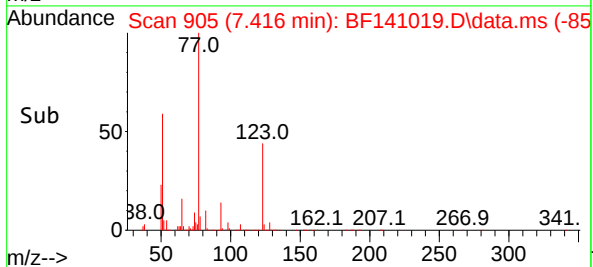
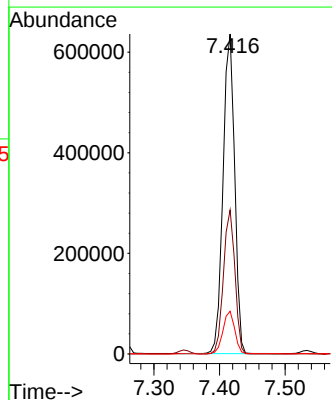
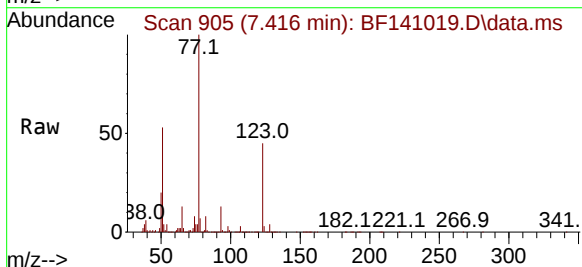
Delta R.T. 0.006 min

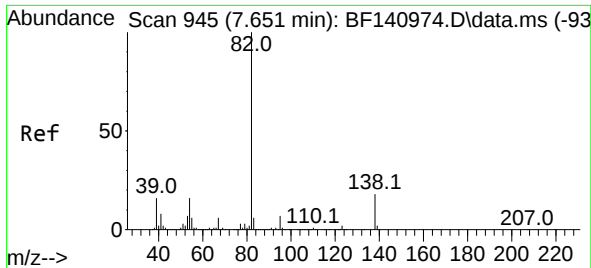
Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion: 77 Resp: 779136

Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.4	53.2
65	13.3	10.7	16.1

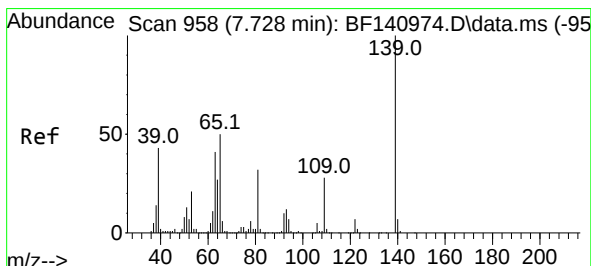
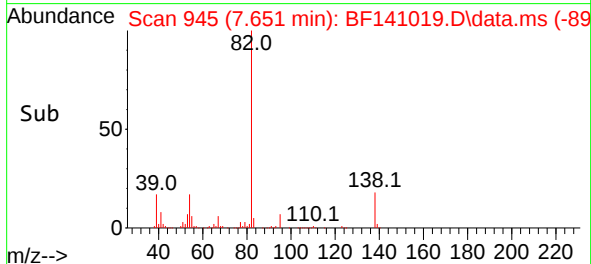
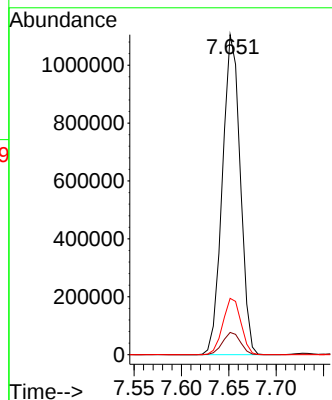
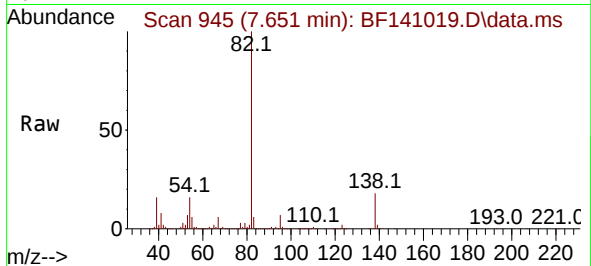




#25
Isophorone
Concen: 38.118 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

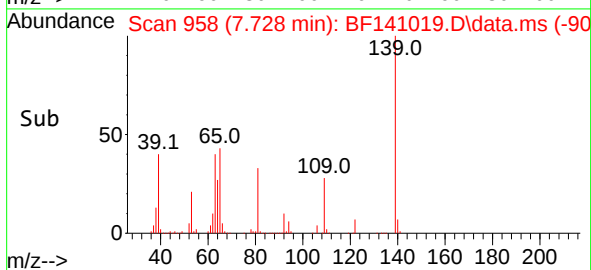
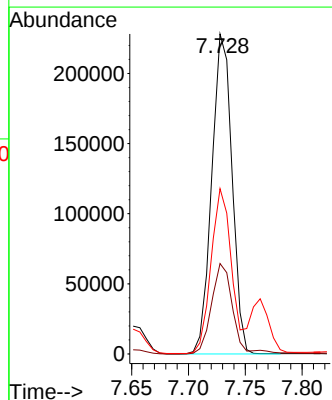
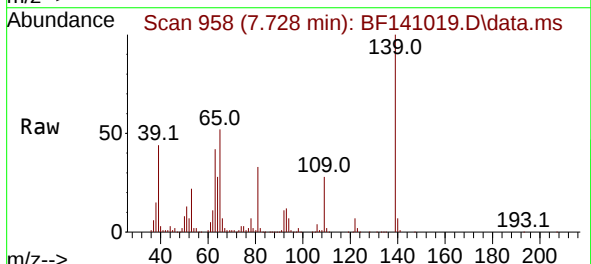
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

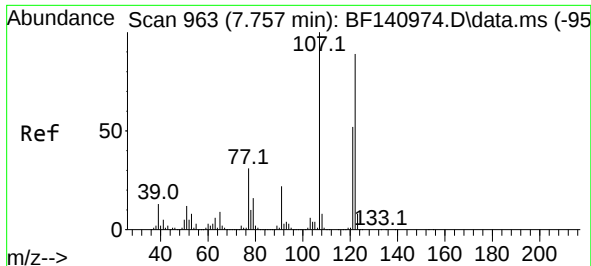
Tgt Ion: 82 Resp: 1452518
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.6 14.6 21.8



#26
2-Nitrophenol
Concen: 36.712 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 139 Resp: 283151
Ion Ratio Lower Upper
139 100
109 28.2 22.2 33.4
65 51.6 40.2 60.4

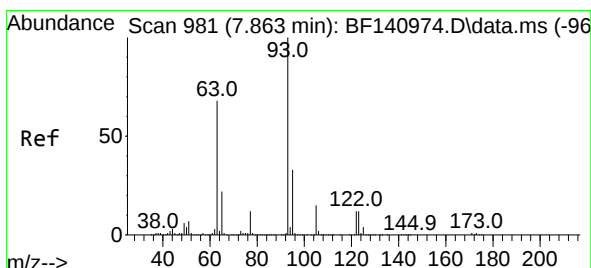
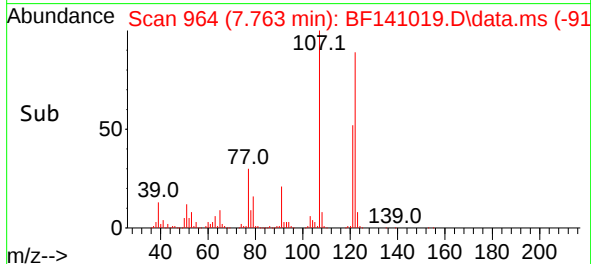
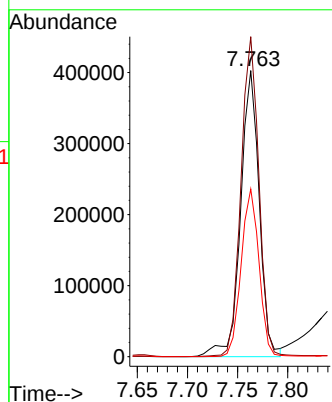
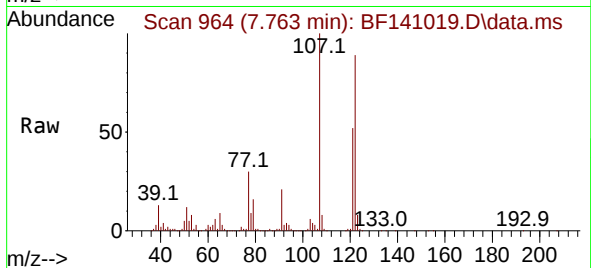




#27
2,4-Dimethylphenol
Concen: 37.492 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

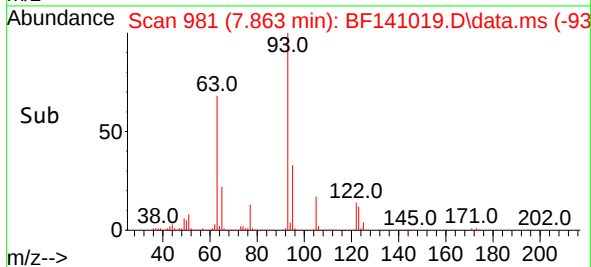
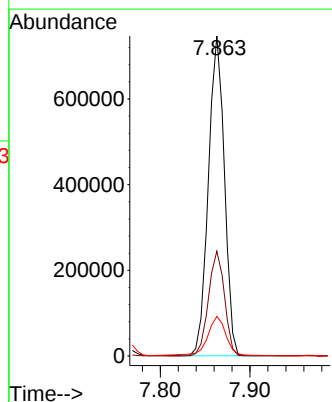
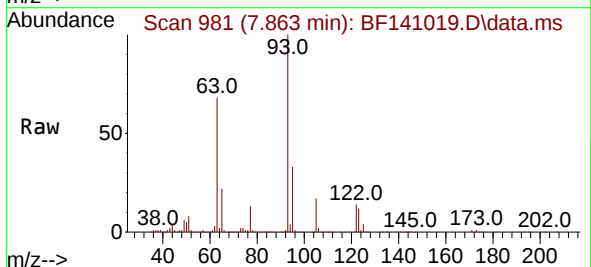
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 522137
Ion Ratio Lower Upper
122 100
107 111.9 89.4 134.2
121 58.6 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.280 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 93 Resp: 924219
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.3 9.9 14.9

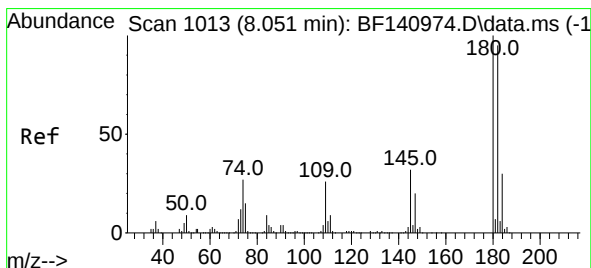
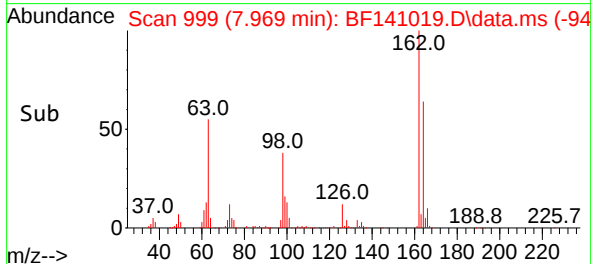
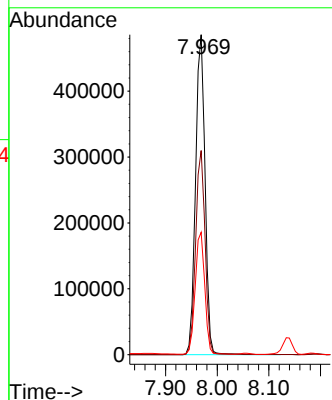
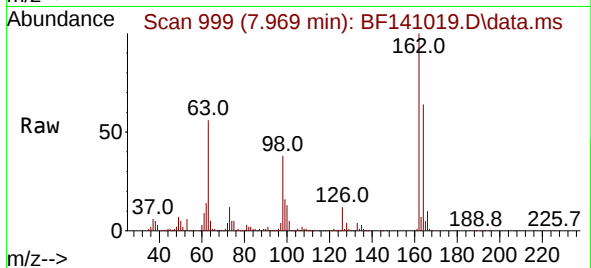




#29
2,4-Dichlorophenol
Concen: 39.219 ng
RT: 7.969 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

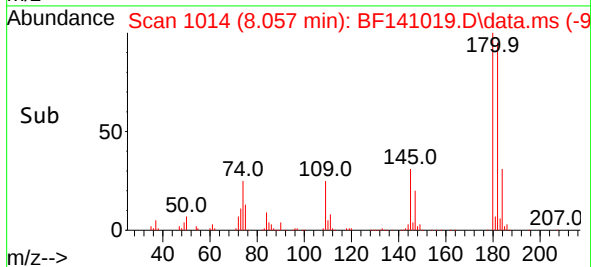
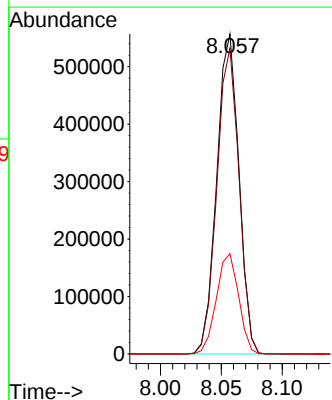
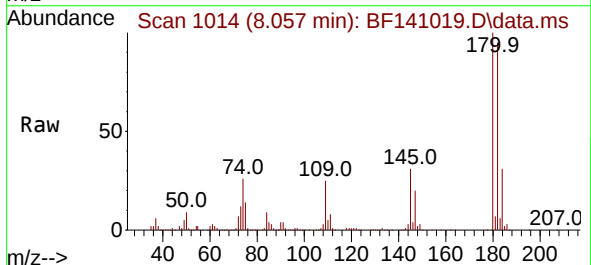
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

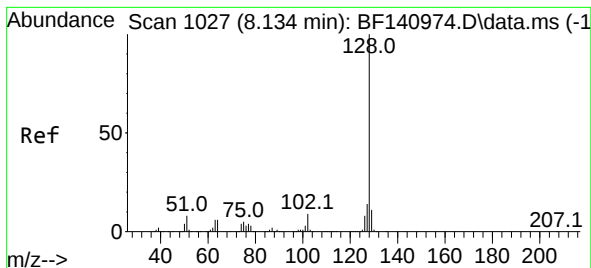
Tgt Ion:162 Resp: 619461
Ion Ratio Lower Upper
162 100
164 63.8 44.8 84.8
98 38.2 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 39.454 ng
RT: 8.057 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:180 Resp: 705338
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.4
145 31.3 25.4 38.2





#31

Naphthalene

Concen: 38.378 ng

RT: 8.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

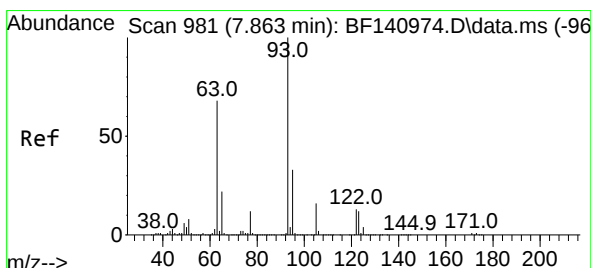
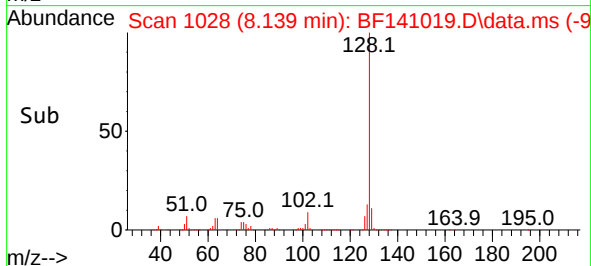
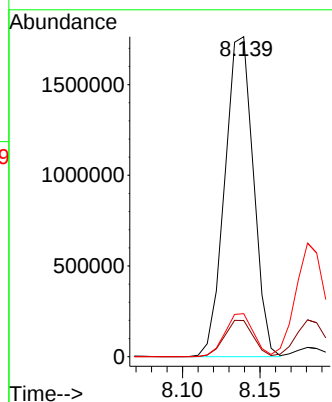
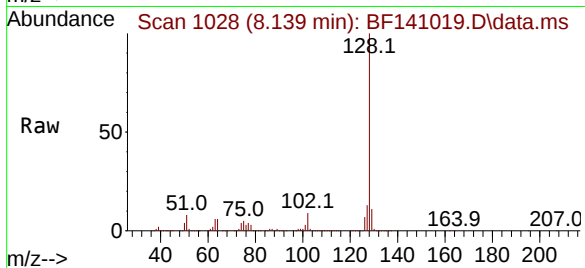
Tgt Ion:128 Resp: 2265686

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

127 13.4 11.0 16.4



#32

Benzoic acid

Concen: 37.509 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.012 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

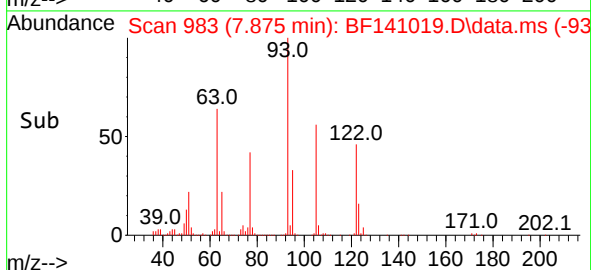
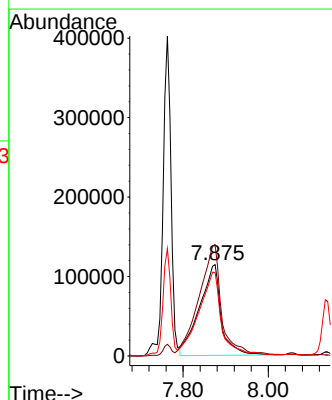
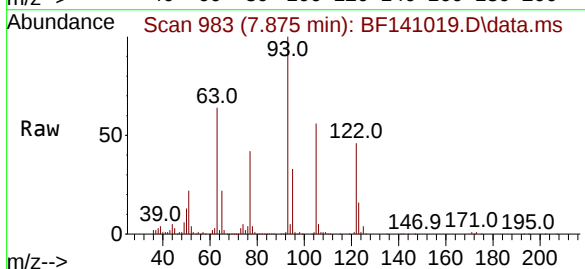
Tgt Ion:122 Resp: 406940

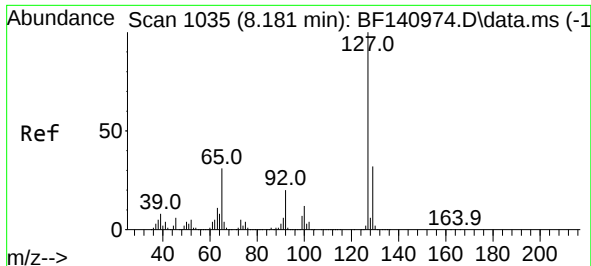
Ion Ratio Lower Upper

122 100

105 121.9 105.4 145.4

77 91.3 76.4 116.4

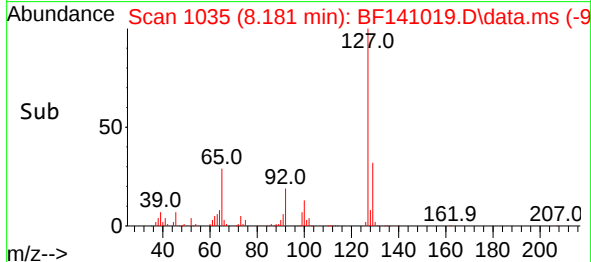
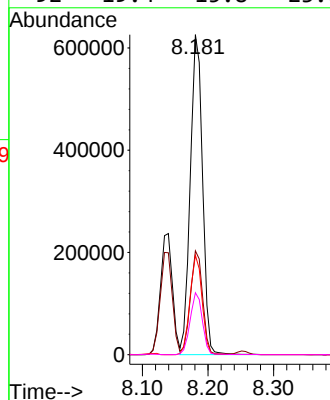
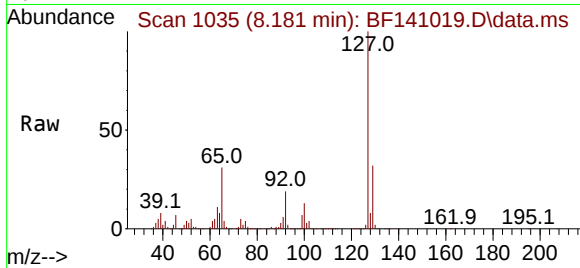




#33
4-Chloroaniline
Concen: 37.974 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

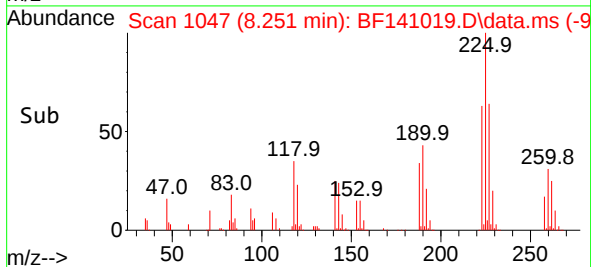
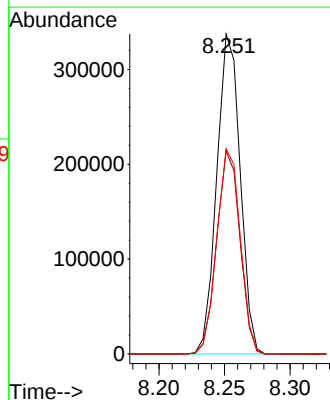
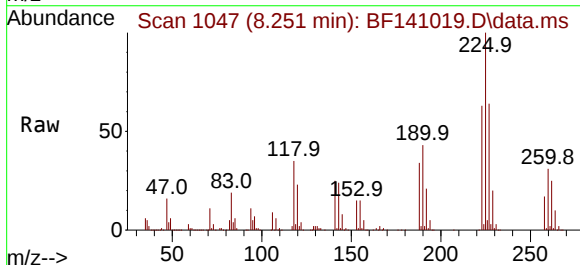
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

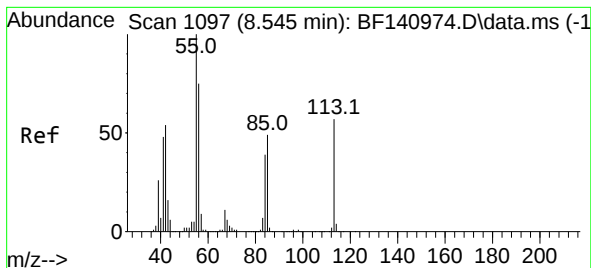
Tgt Ion:	127	Resp:	811033
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	31.1	24.6	37.0
92	19.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 39.695 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:	225	Resp:	418359
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	64.1	50.8	76.2





#35

Caprolactam

Concen: 37.147 ng

RT: 8.551 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

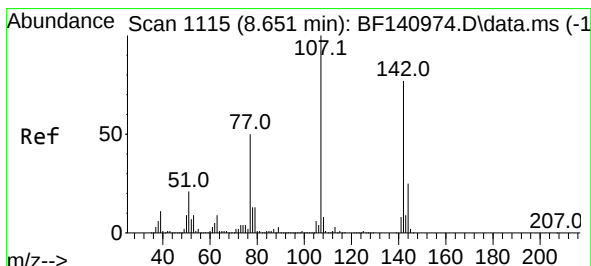
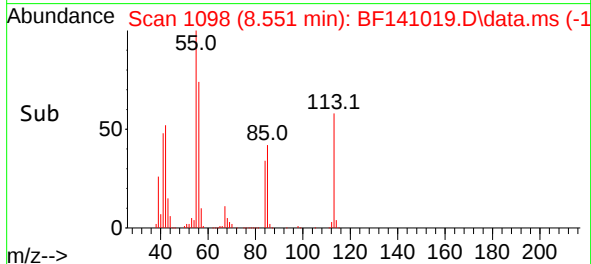
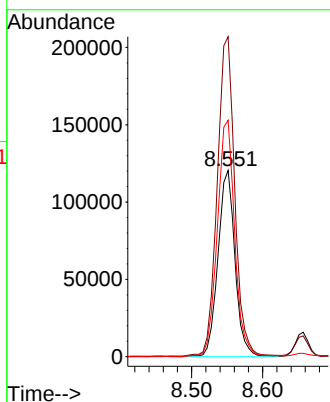
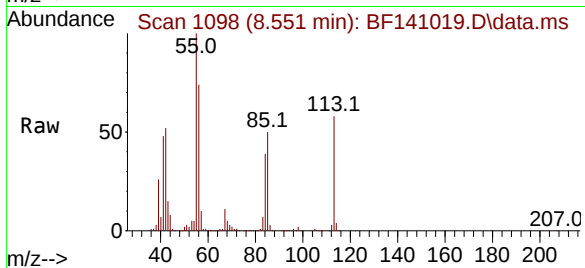
Tgt Ion:113 Resp: 199464

Ion Ratio Lower Upper

113 100

55 171.8 156.6 196.6

56 127.0 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 38.337 ng

RT: 8.657 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

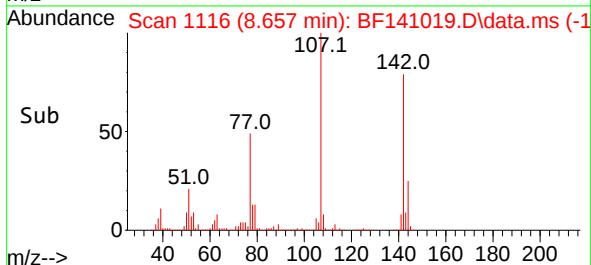
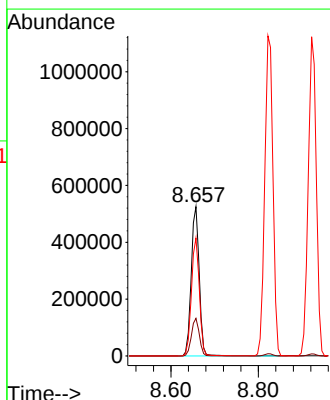
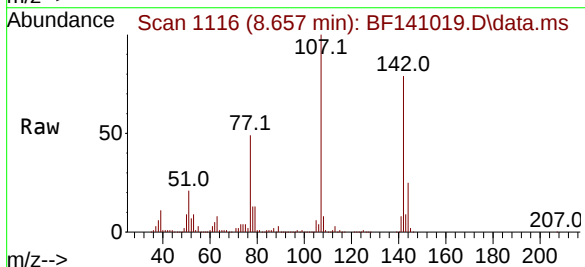
Tgt Ion:107 Resp: 672479

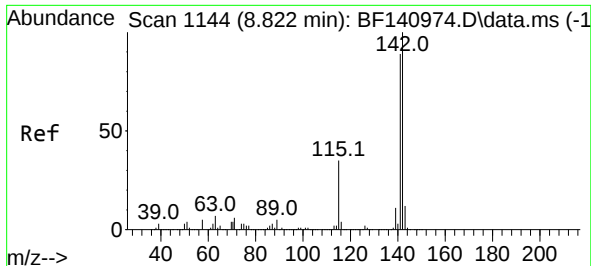
Ion Ratio Lower Upper

107 100

144 25.2 19.9 29.9

142 79.0 61.8 92.8

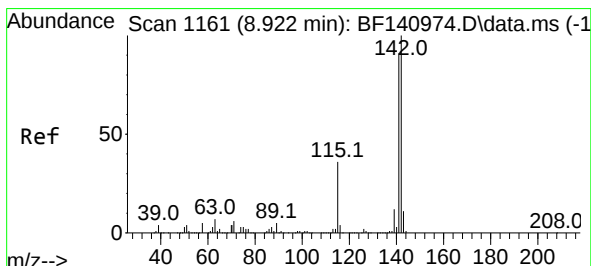
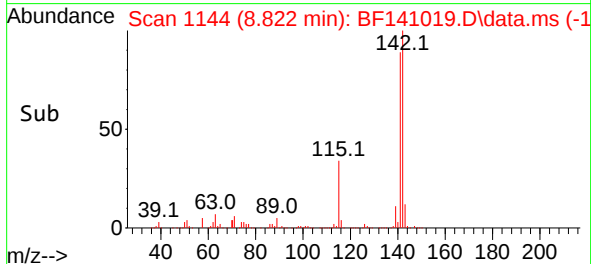
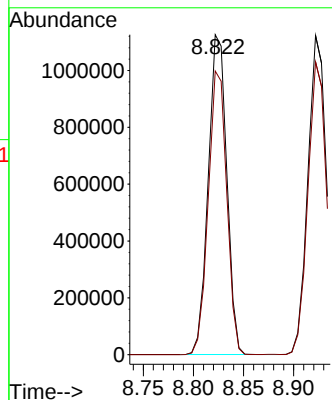
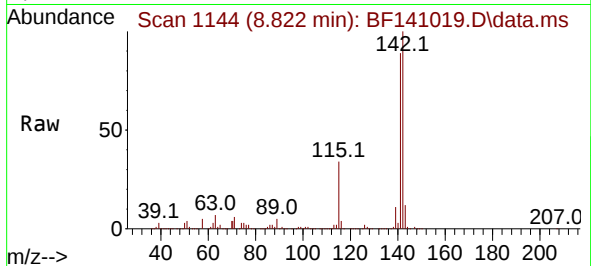




#37
2-Methylnaphthalene
Concen: 38.350 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

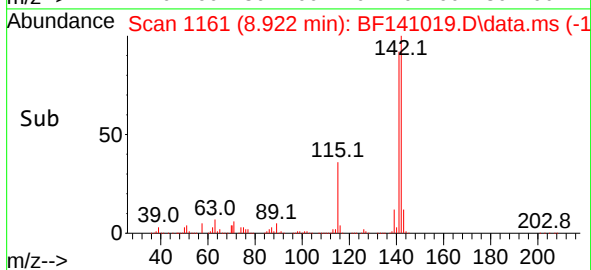
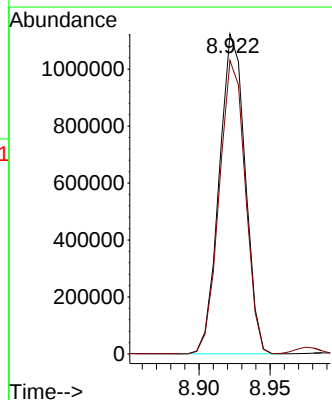
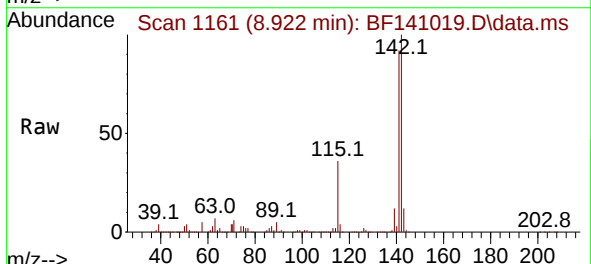
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

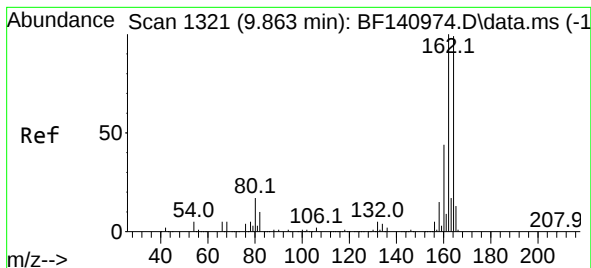
Tgt Ion:142 Resp: 1448371
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#38
1-Methylnaphthalene
Concen: 38.433 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:142 Resp: 1426512
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

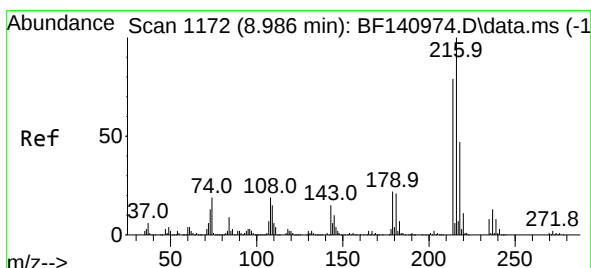
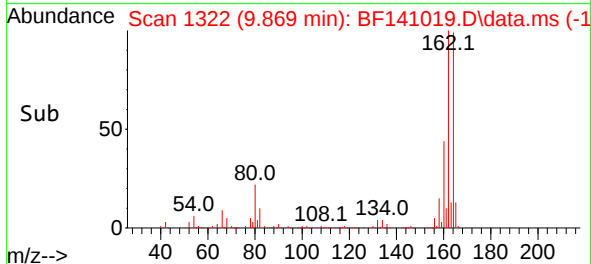
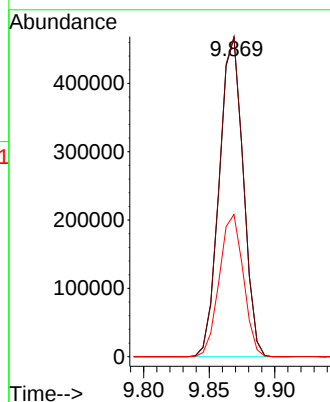
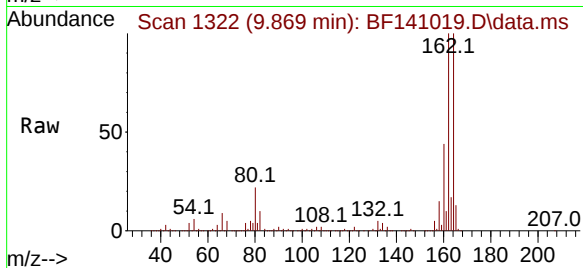
Tgt Ion:164 Resp: 589913

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.264 ng

RT: 8.992 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion:216 Resp: 653460

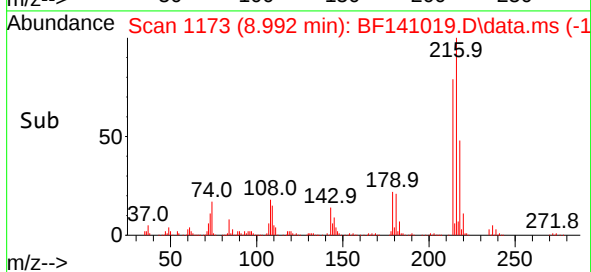
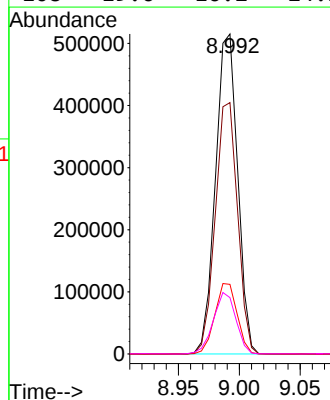
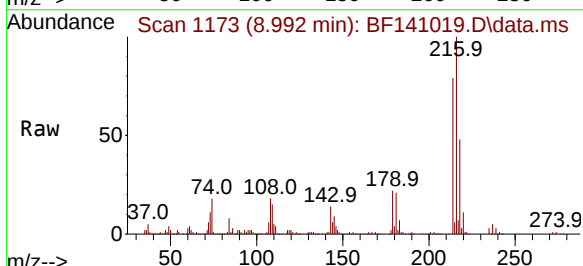
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.6

179 22.1 17.9 26.9

108 19.6 16.2 24.2

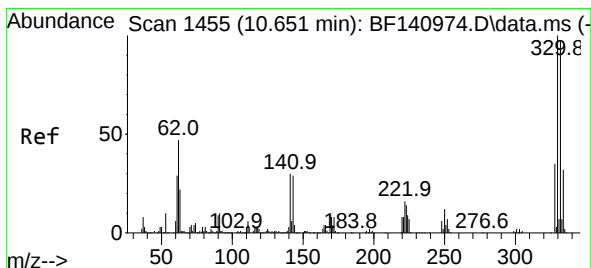
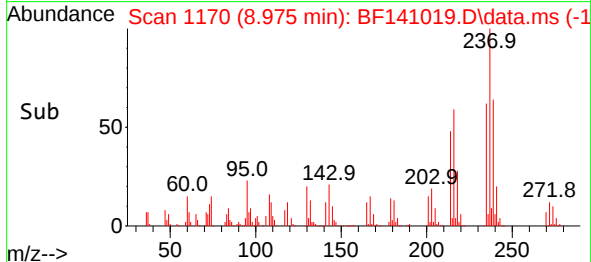
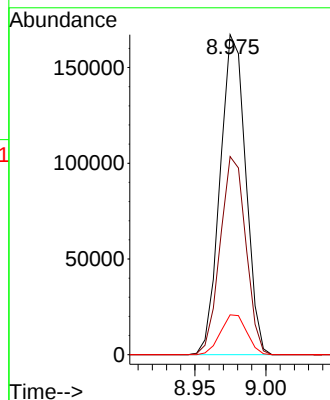
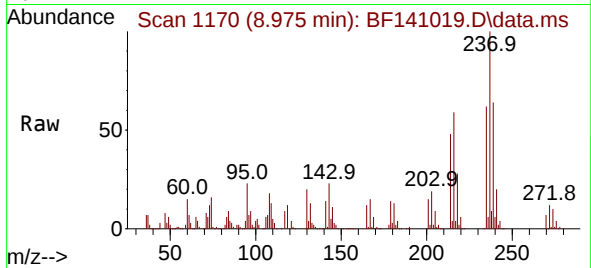




#41
Hexachlorocyclopentadiene
Concen: 38.997 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

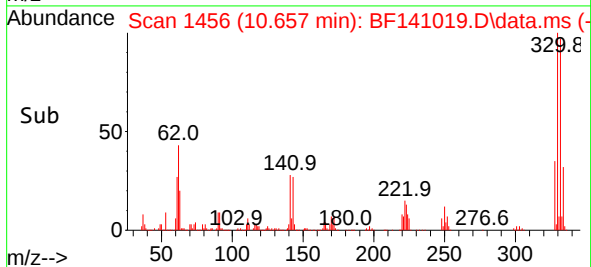
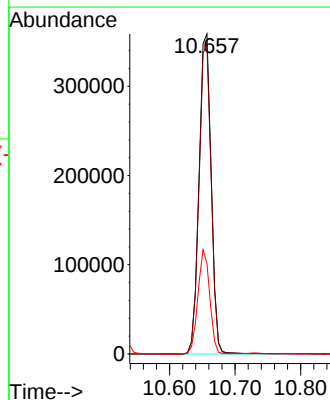
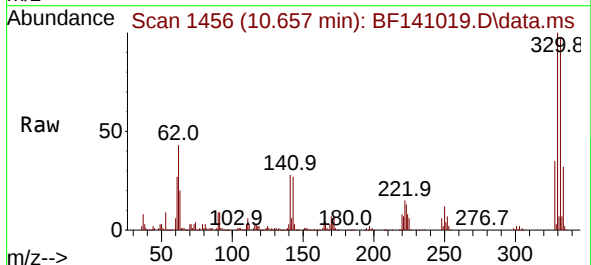
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

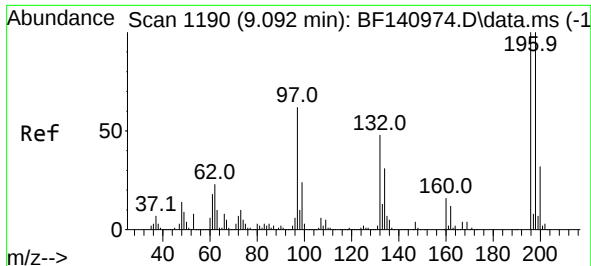
Tgt Ion:237 Resp: 209732
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 12.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 80.910 ng
RT: 10.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:330 Resp: 463792
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 31.6 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 39.216 ng

RT: 9.098 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

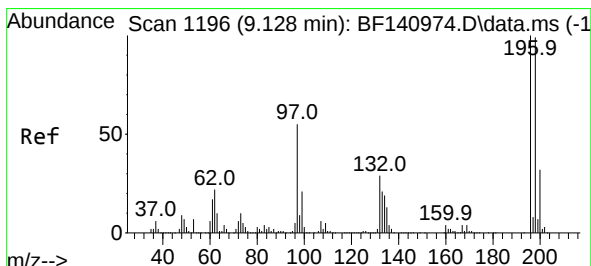
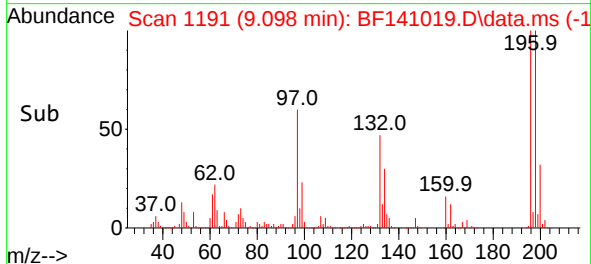
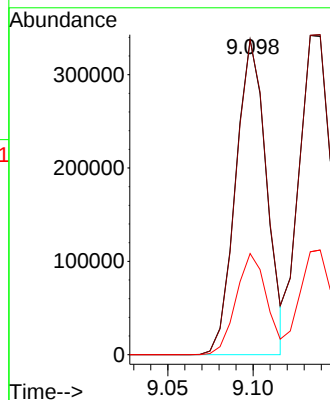
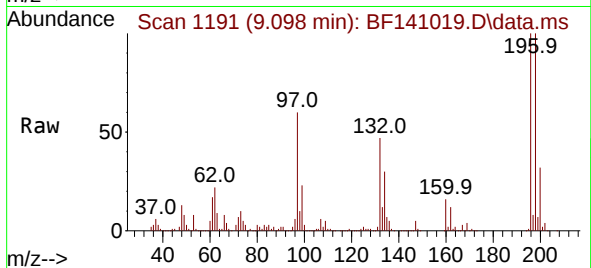
Tgt Ion:196 Resp: 423585

Ion Ratio Lower Upper

196 100

198 99.8 80.2 120.4

200 32.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 41.049 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Tgt Ion:196 Resp: 453675

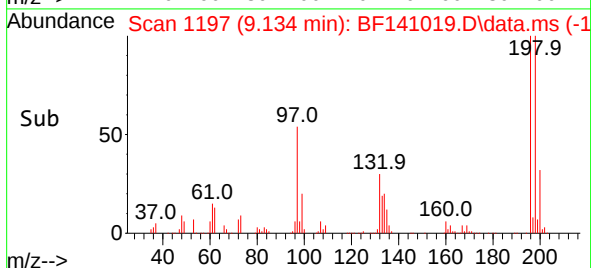
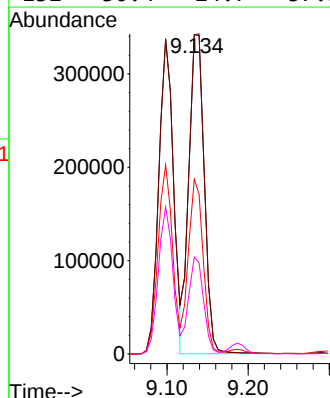
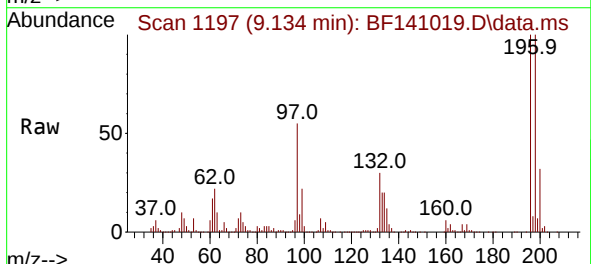
Ion Ratio Lower Upper

196 100

198 100.0 79.9 119.9

97 54.7 44.3 66.5

132 30.4 24.7 37.1

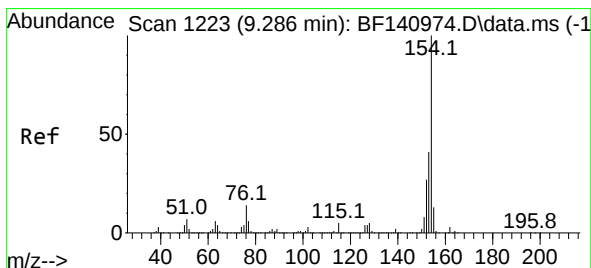
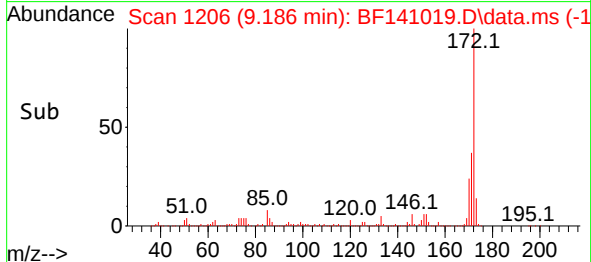
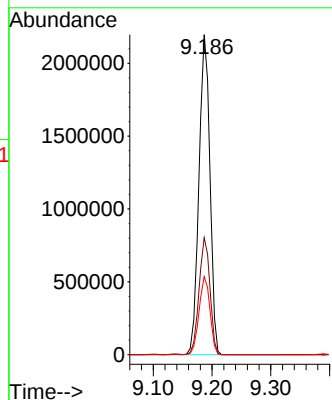
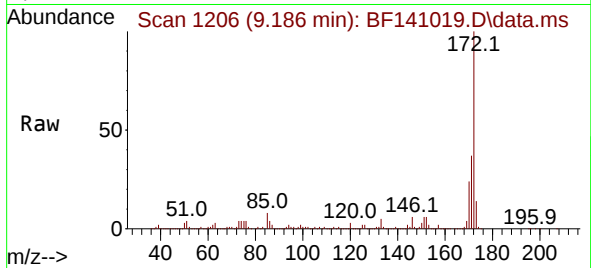




#45
2-Fluorobiphenyl
Concen: 76.589 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

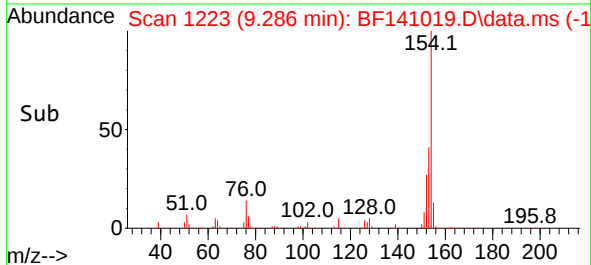
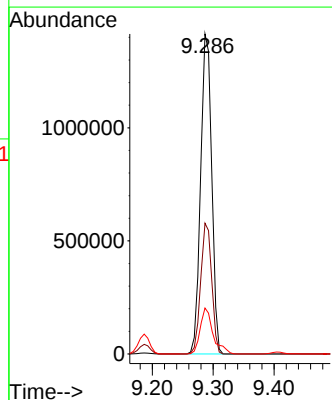
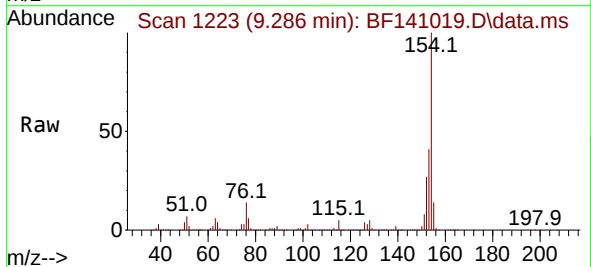
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

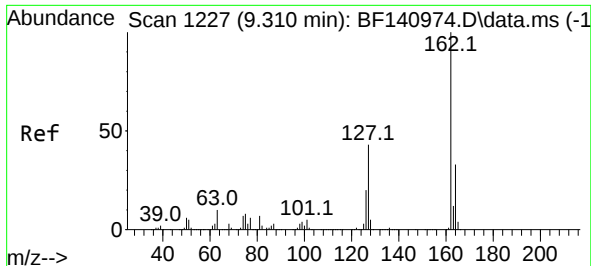
Tgt Ion:172 Resp: 2835781
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.4 19.6 29.4



#46
1,1'-Biphenyl
Concen: 39.429 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:154 Resp: 1780971
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 14.4 0.0 34.0

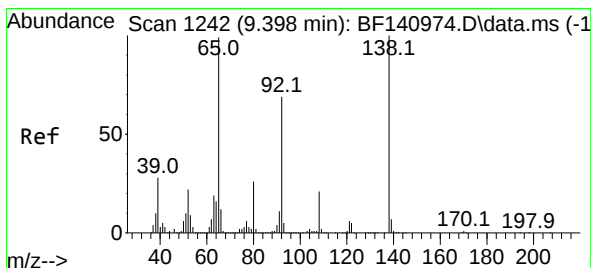
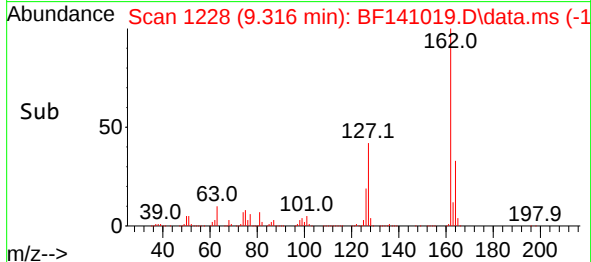
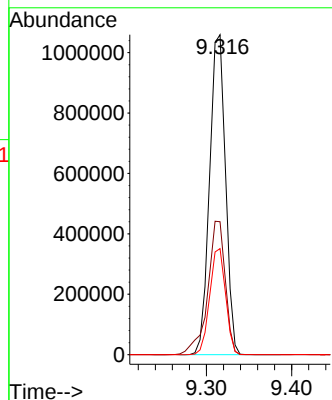
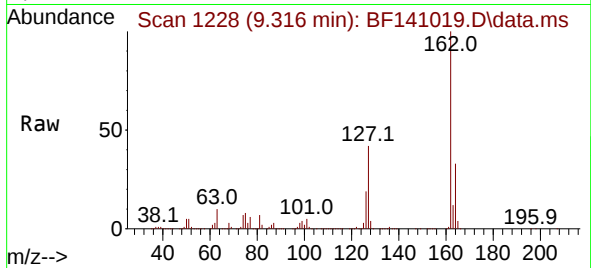




#47
2-Chloronaphthalene
Concen: 39.221 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

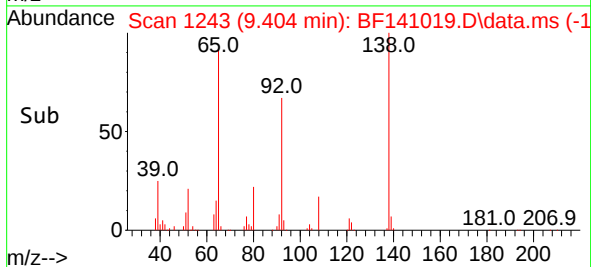
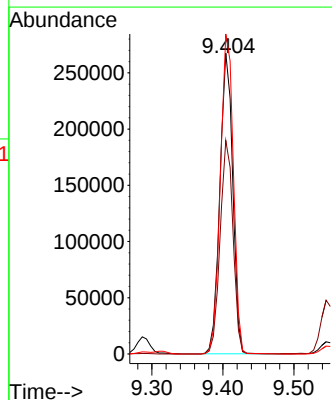
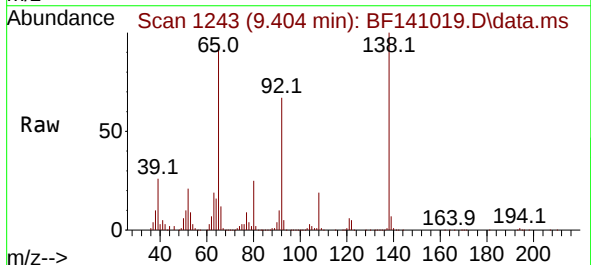
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

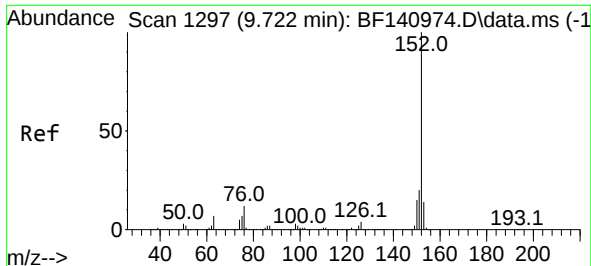
Tgt Ion:162 Resp: 1373992
Ion Ratio Lower Upper
162 100
127 41.5 34.2 51.4
164 33.2 26.6 40.0



#48
2-Nitroaniline
Concen: 37.660 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion: 65 Resp: 334984
Ion Ratio Lower Upper
65 100
92 70.9 55.6 83.4
138 106.4 80.5 120.7





#49

Acenaphthylene

Concen: 38.219 ng

RT: 9.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

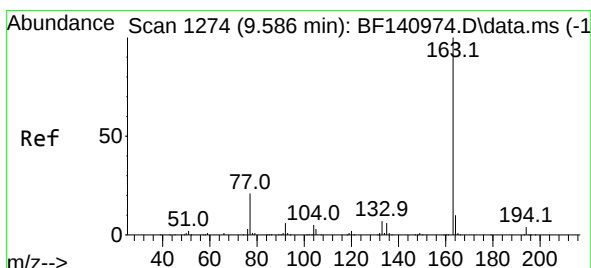
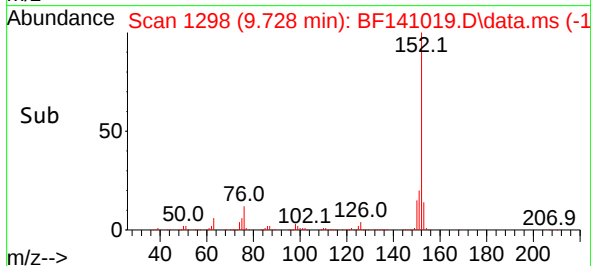
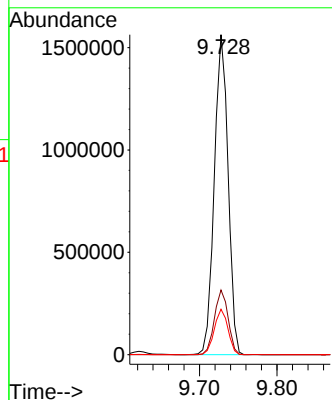
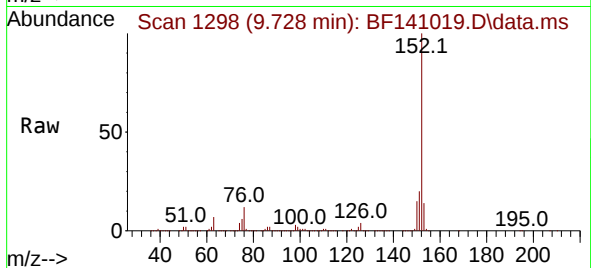
Tgt Ion:152 Resp: 1927381

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 14.2 11.4 17.0



#50

Dimethylphthalate

Concen: 38.828 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

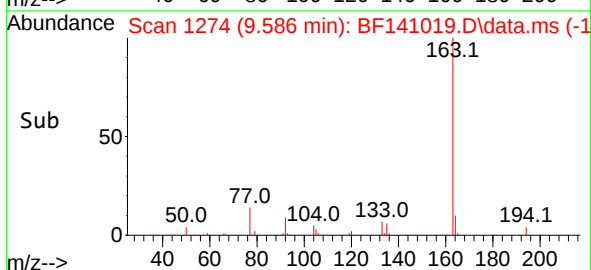
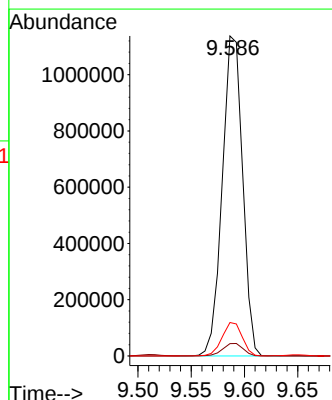
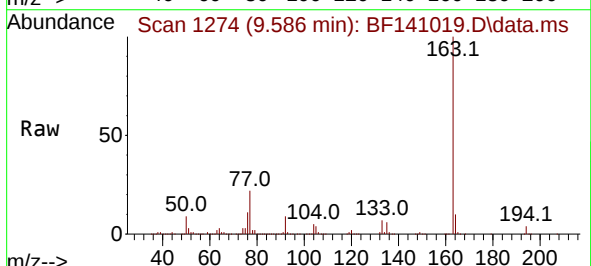
Tgt Ion:163 Resp: 1506626

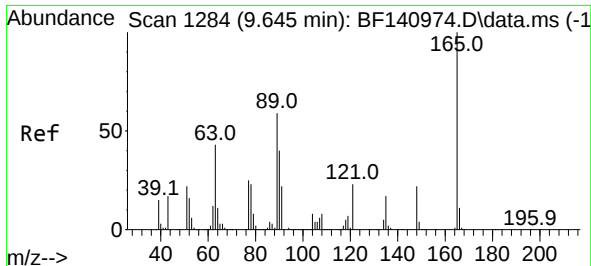
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 8.3 12.5

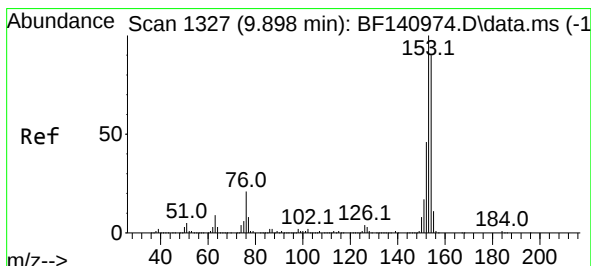
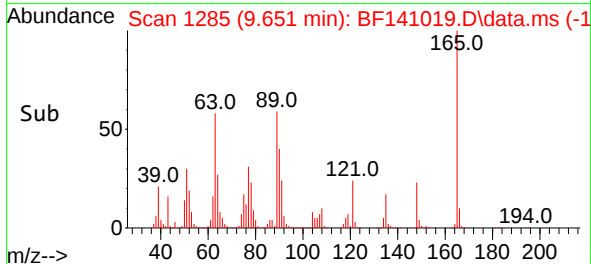
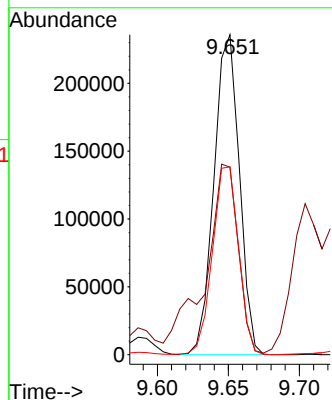
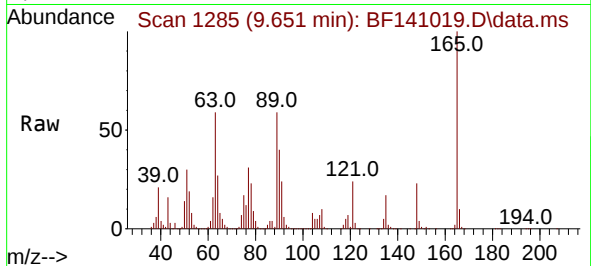




#51
2,6-Dinitrotoluene
Concen: 37.873 ng
RT: 9.651 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

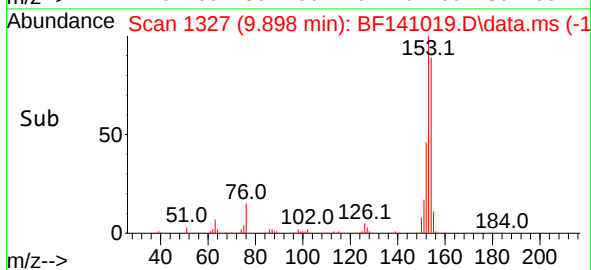
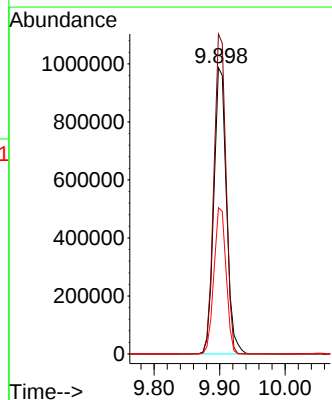
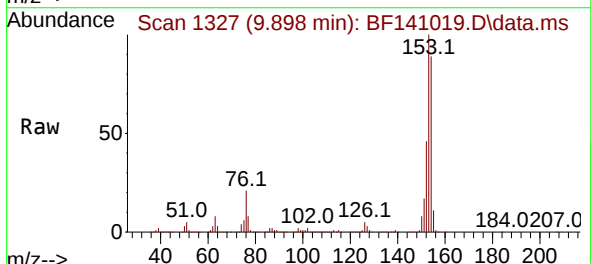
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

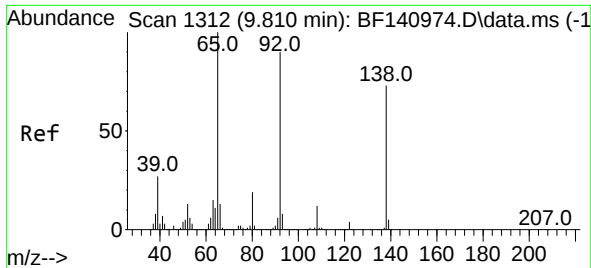
Tgt Ion:165 Resp: 293090
Ion Ratio Lower Upper
165 100
63 58.6 47.1 70.7
89 58.7 47.0 70.4



#52
Acenaphthene
Concen: 38.800 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:154 Resp: 1322805
Ion Ratio Lower Upper
154 100
153 111.8 89.2 133.8
152 51.1 40.9 61.3

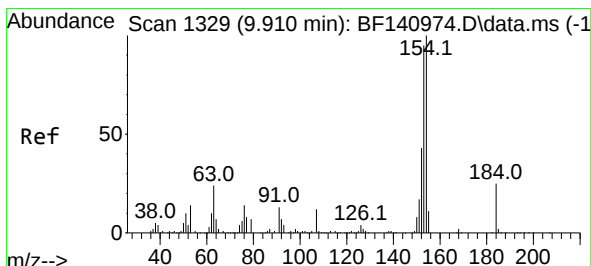
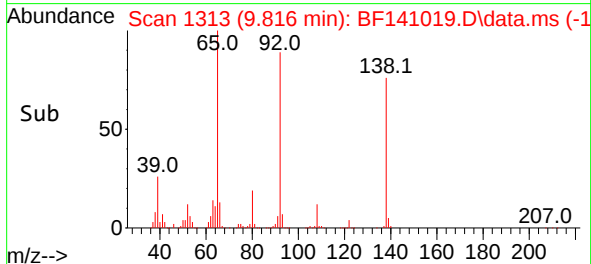
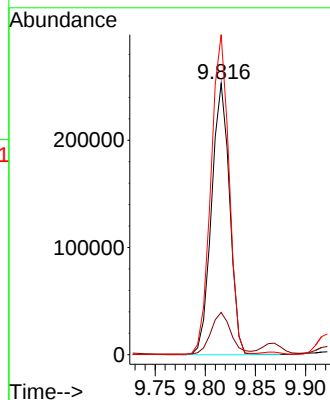
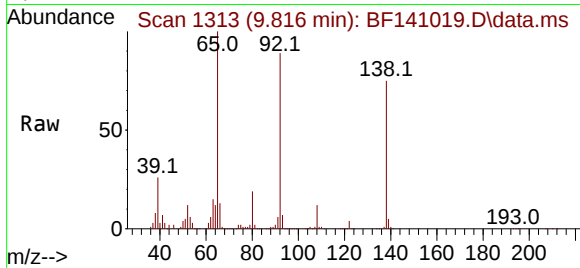




#53
3-Nitroaniline
Concen: 37.526 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

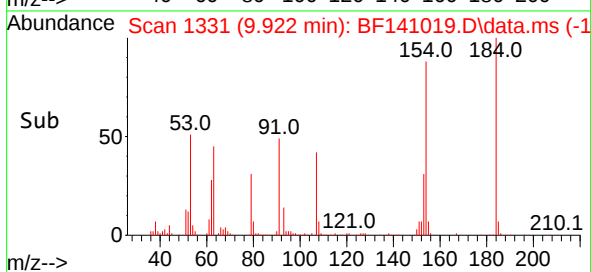
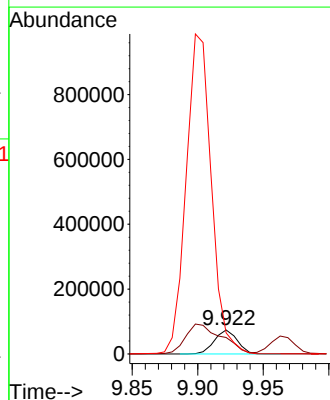
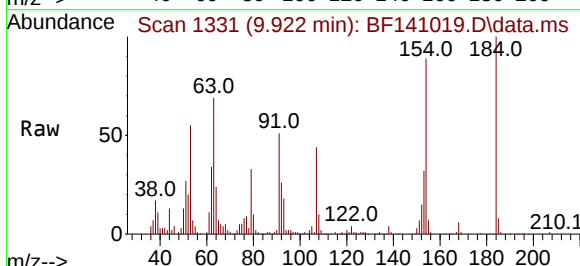
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

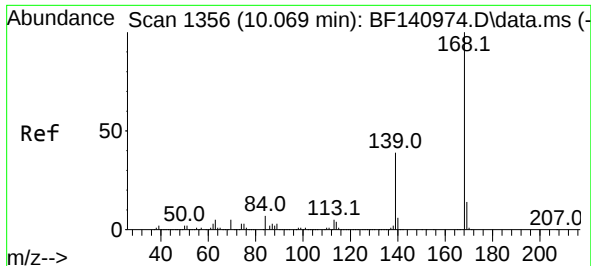
Tgt Ion:138 Resp: 316358
Ion Ratio Lower Upper
138 100
108 15.6 13.5 20.3
92 118.0 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 39.273 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:184 Resp: 89470
Ion Ratio Lower Upper
184 100
63 69.0 81.6 122.4#
154 88.6 363.5 545.3#

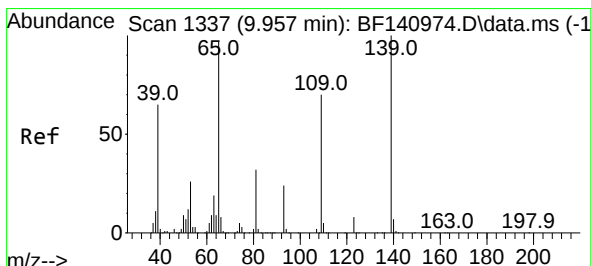
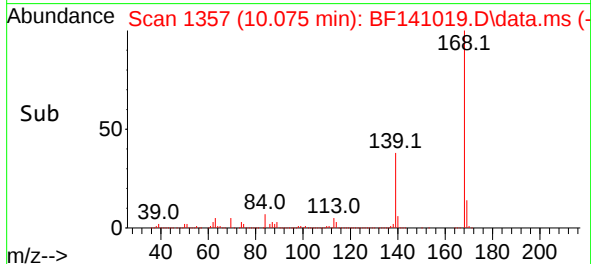
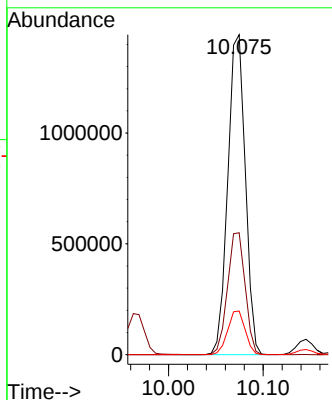
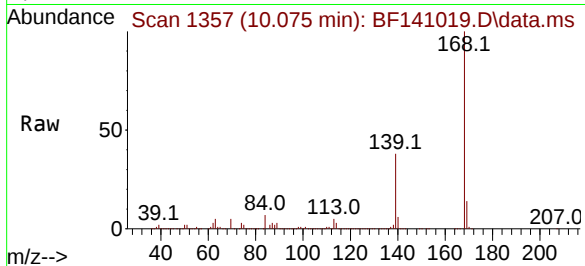




#55
Dibenzenofuran
Concen: 38.768 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

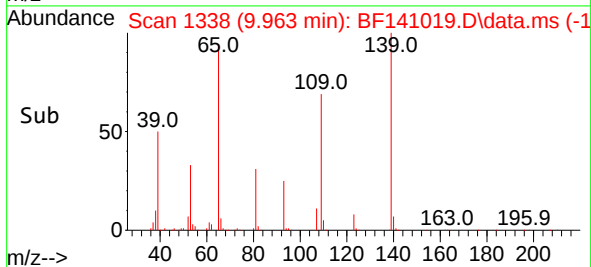
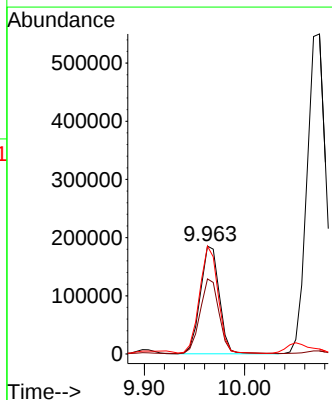
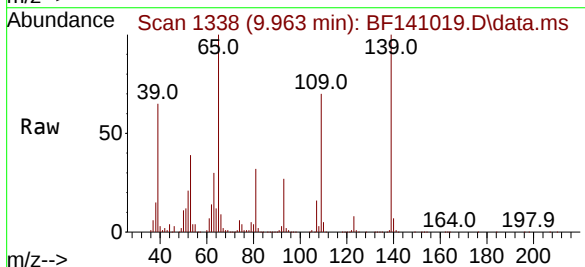
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

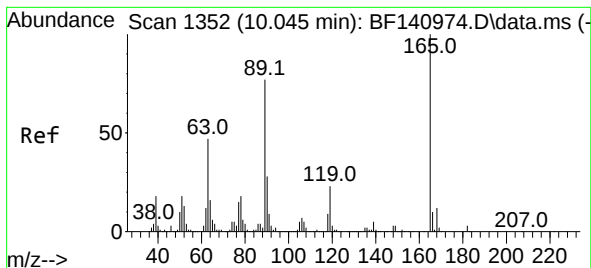
Tgt Ion:168 Resp: 1857502
Ion Ratio Lower Upper
168 100
139 38.1 31.6 47.4
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 36.820 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:139 Resp: 244391
Ion Ratio Lower Upper
139 100
109 69.7 50.8 90.8
65 99.9 78.5 118.5

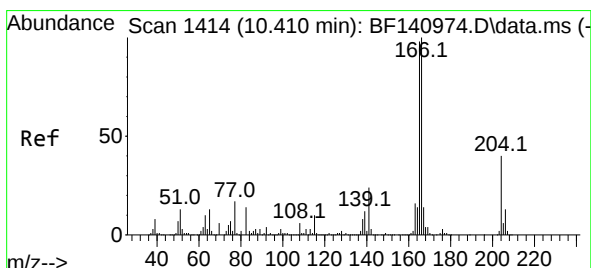
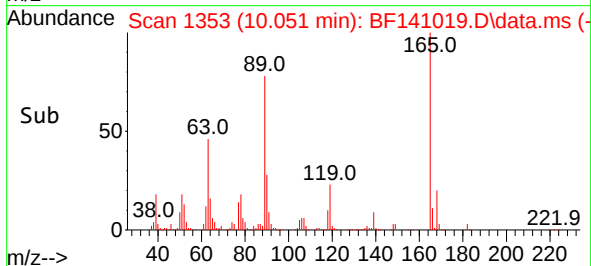
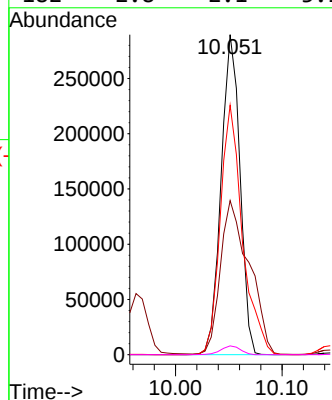
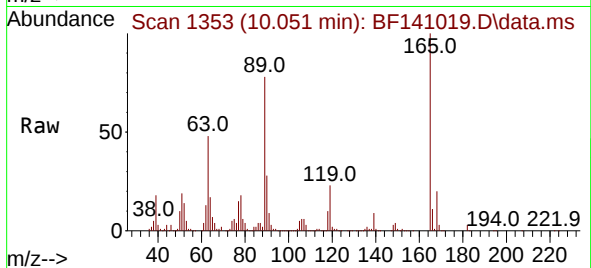




#57
2,4-Dinitrotoluene
Concen: 37.740 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

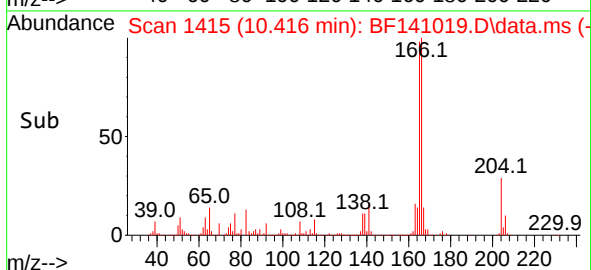
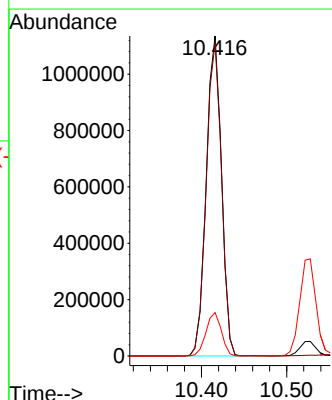
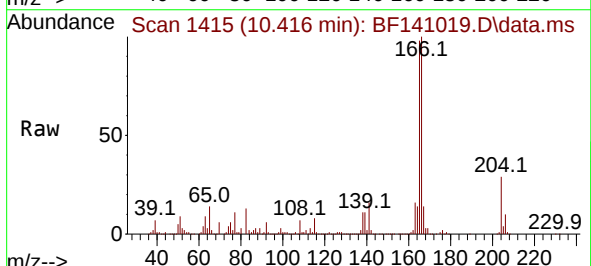
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

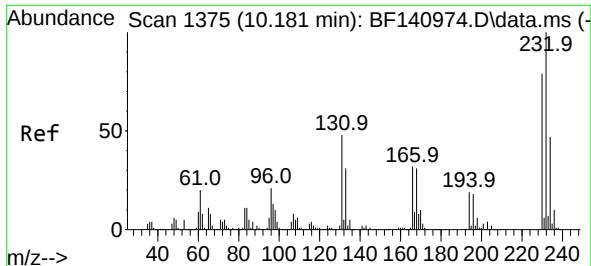
Tgt Ion:165 Resp: 355172
Ion Ratio Lower Upper
165 100
63 48.2 38.1 57.1
89 77.9 61.4 92.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 38.077 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:166 Resp: 1414704
Ion Ratio Lower Upper
166 100
165 97.9 78.3 117.5
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.416 ng

RT: 10.186 min Scan# 1375

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 369931

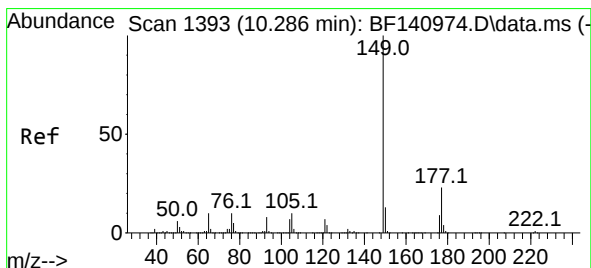
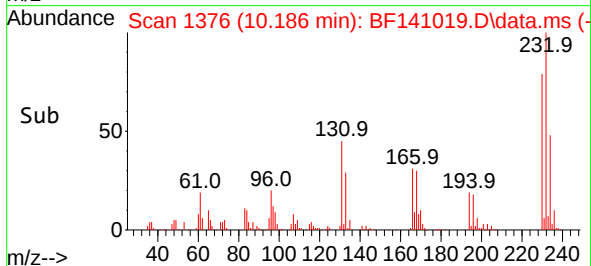
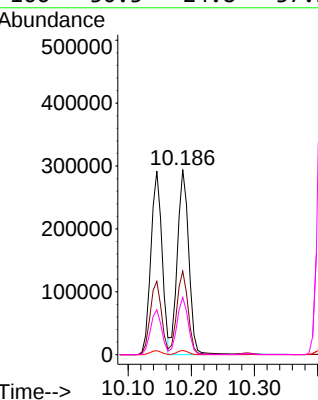
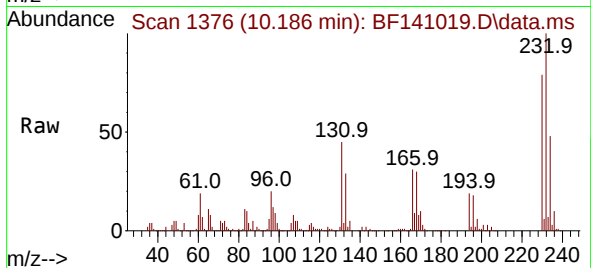
Ion Ratio Lower Upper

232 100

131 44.8 37.4 56.2

130 2.2 1.8 2.8

166 30.3 24.8 37.2



#60

Diethylphthalate

Concen: 38.618 ng

RT: 10.286 min Scan# 1393

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

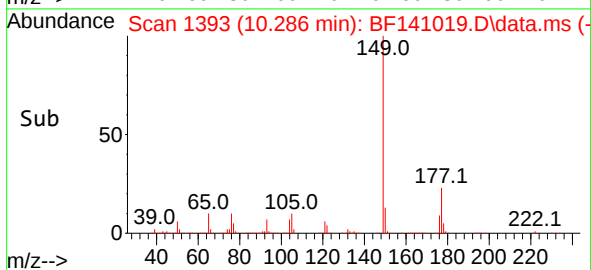
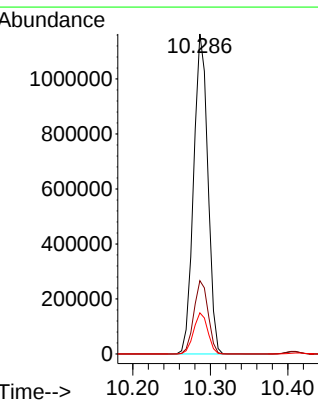
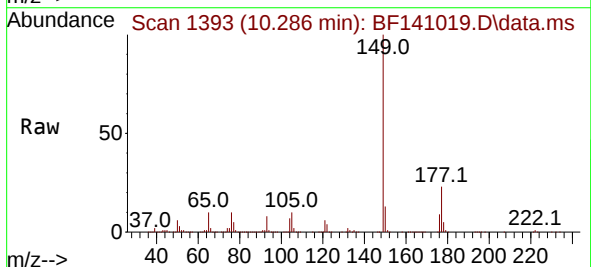
Tgt Ion:149 Resp: 1479347

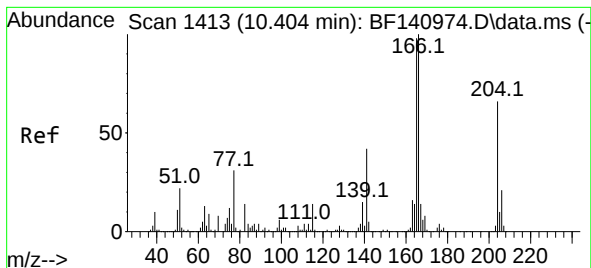
Ion Ratio Lower Upper

149 100

177 22.9 18.3 27.5

150 12.9 10.4 15.6

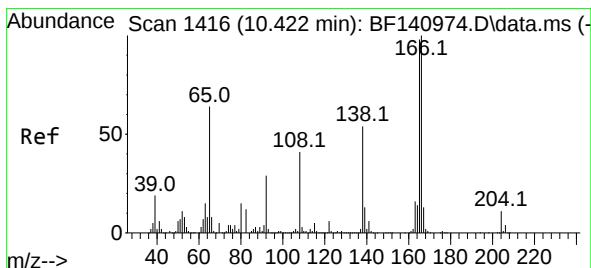
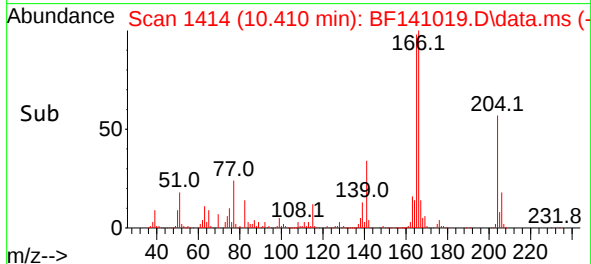
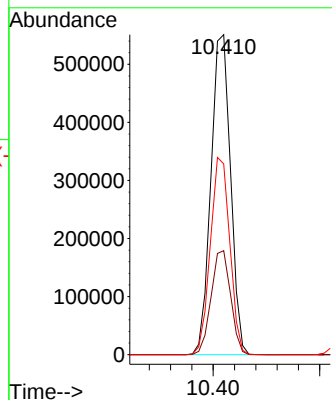
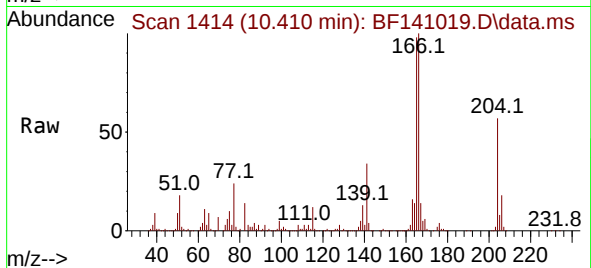




#61
4-Chlorophenyl-phenylether
Concen: 39.313 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

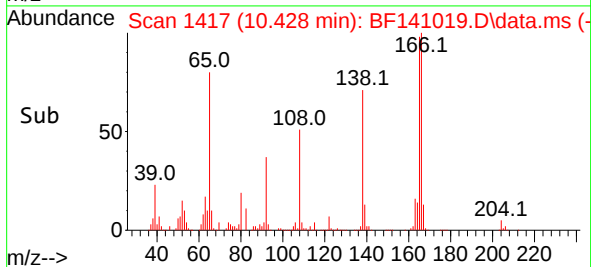
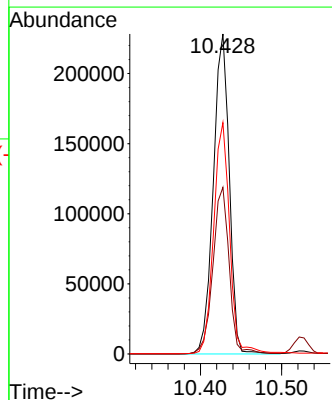
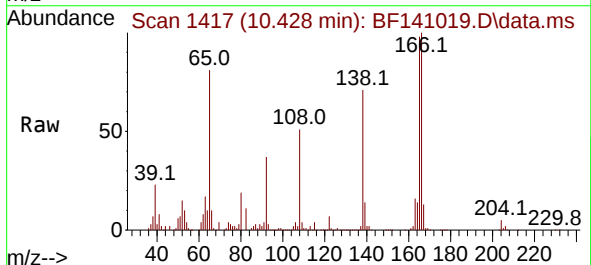
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 702832
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 59.6 51.2 76.8



#62
4-Nitroaniline
Concen: 37.095 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:138 Resp: 311892
Ion Ratio Lower Upper
138 100
92 52.1 34.8 74.8
108 72.3 55.9 95.9





#63

Azobenzene

Concen: 37.847 ng

RT: 10.569 min Scan# 1440

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1521732

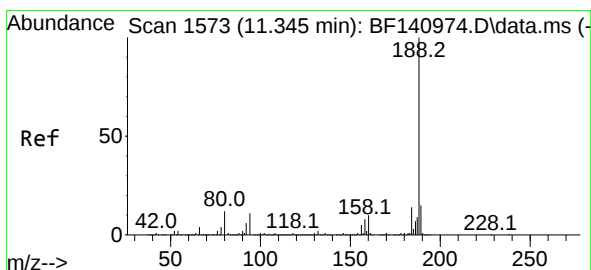
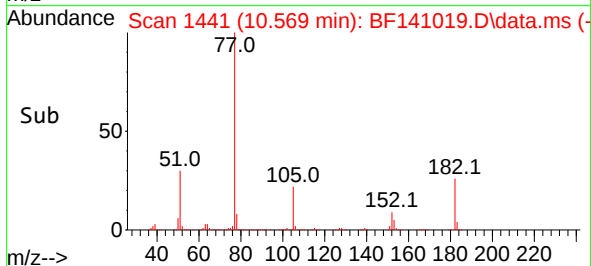
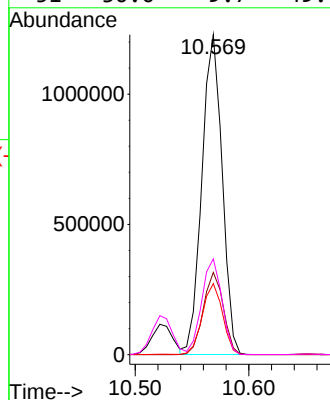
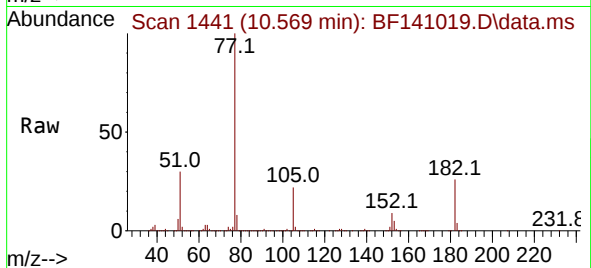
Ion Ratio Lower Upper

77 100

182 25.7 4.1 44.1

105 22.2 1.8 41.8

51 30.0 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: BF141019.D

Acq: 30 Dec 2024 09:24

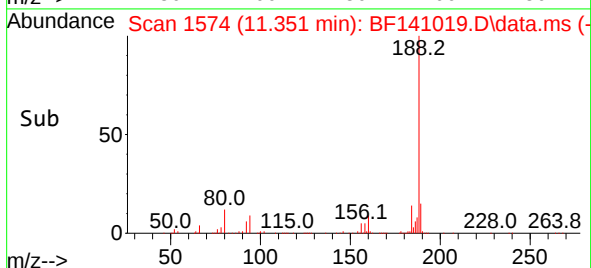
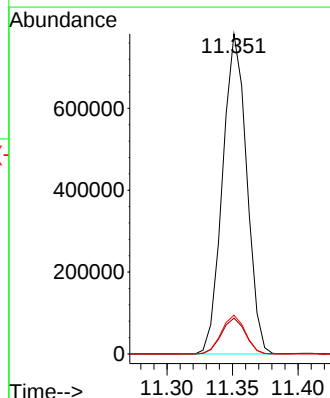
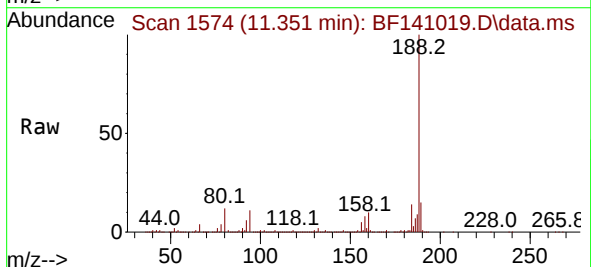
Tgt Ion:188 Resp: 999326

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

80 12.1 9.8 14.6

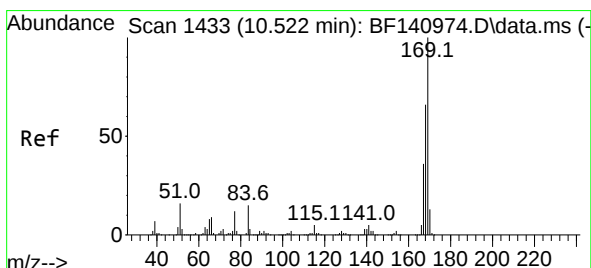
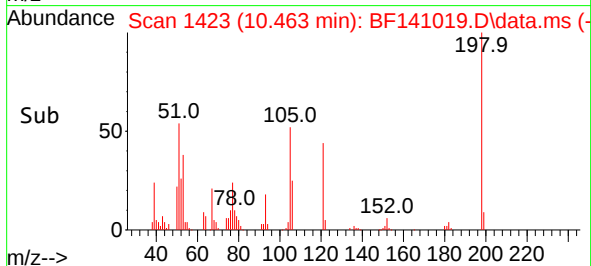
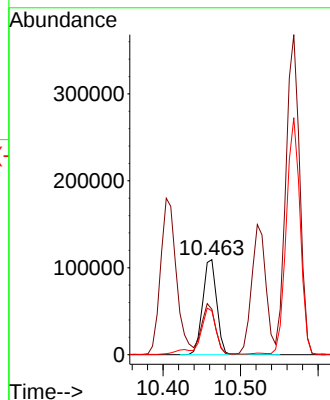
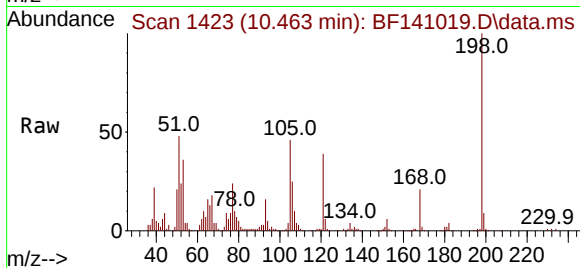




#65
4,6-Dinitro-2-methylphenol
Concen: 37.186 ng
RT: 10.463 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

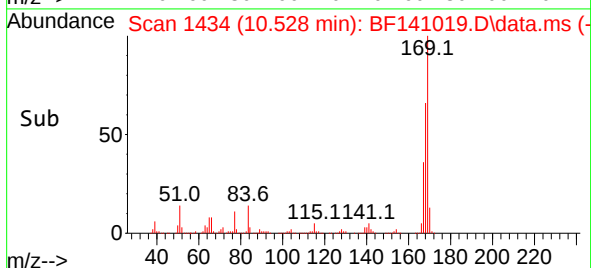
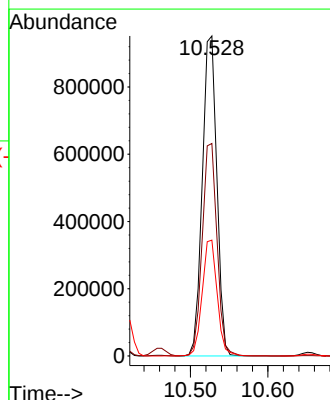
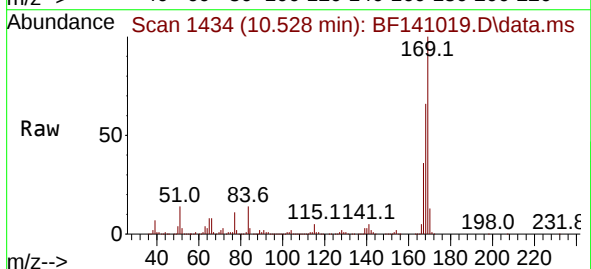
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

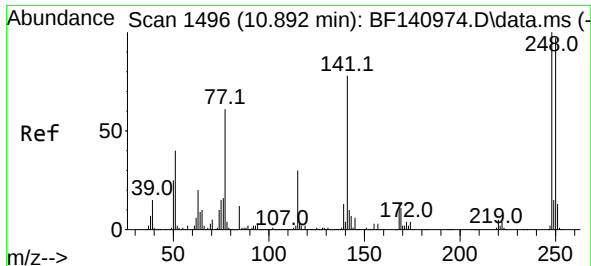
Tgt Ion:198 Resp: 137748
Ion Ratio Lower Upper
198 100
51 47.9 32.3 72.3
105 46.0 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 39.405 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:169 Resp: 1240017
Ion Ratio Lower Upper
169 100
168 66.4 52.6 79.0
167 36.2 29.0 43.4

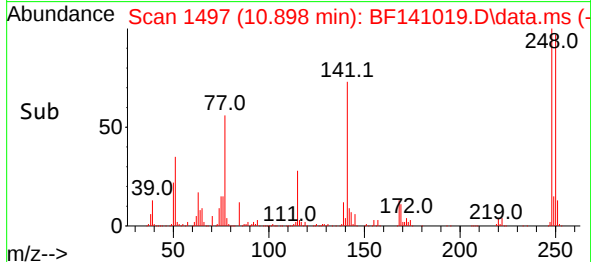
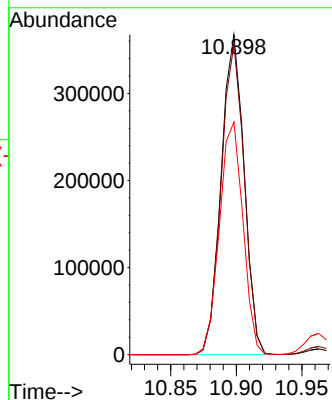
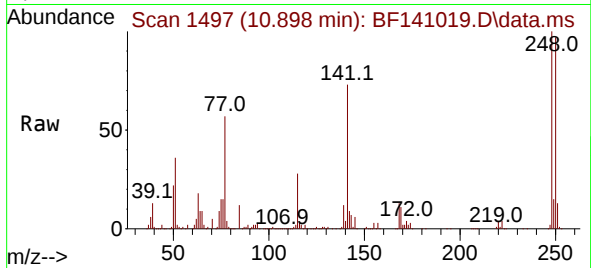




#67
4-Bromophenyl-phenylether
Concen: 41.496 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

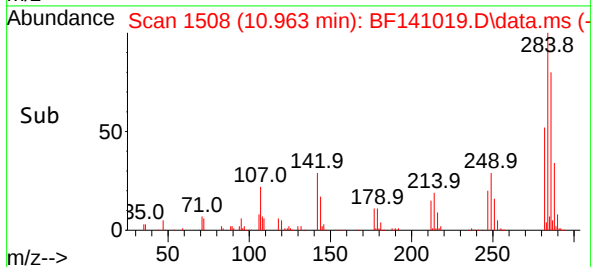
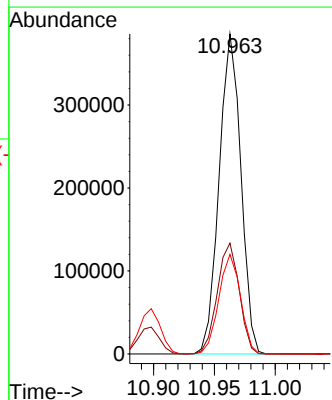
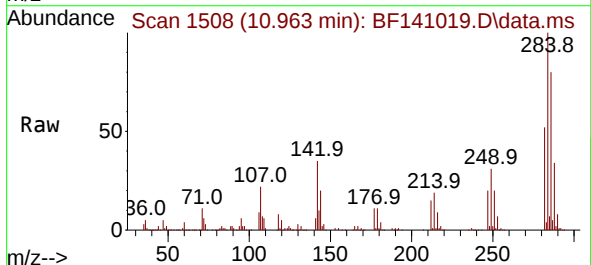
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

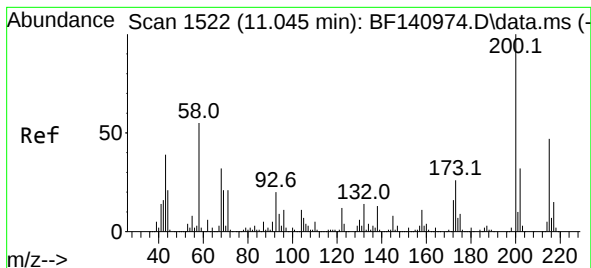
Tgt Ion:248 Resp: 448280
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 72.7 62.1 93.1



#68
Hexachlorobenzene
Concen: 40.258 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:284 Resp: 479543
Ion Ratio Lower Upper
284 100
142 34.7 27.1 40.7
249 31.1 25.1 37.7





#69

Atrazine

Concen: 33.844 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

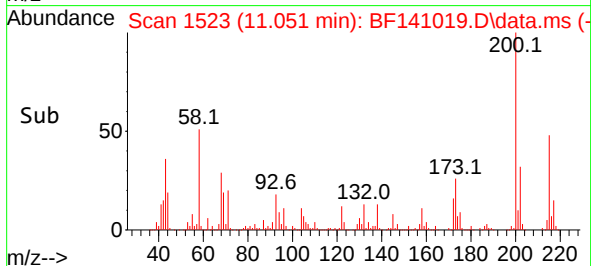
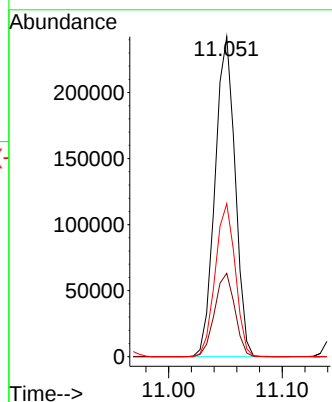
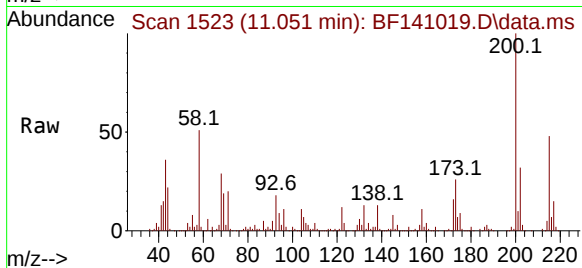
Tgt Ion:200 Resp: 297531

Ion Ratio Lower Upper

200 100

173 26.0 6.4 46.4

215 47.8 27.2 67.2



#70

Pentachlorophenol

Concen: 39.182 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

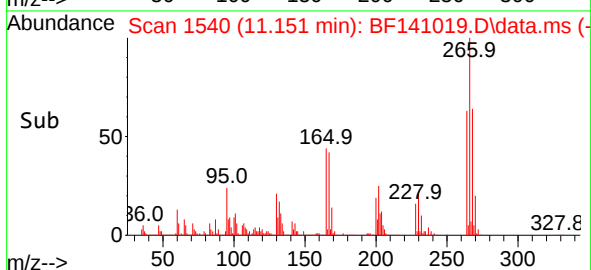
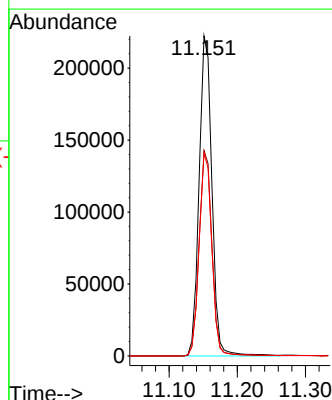
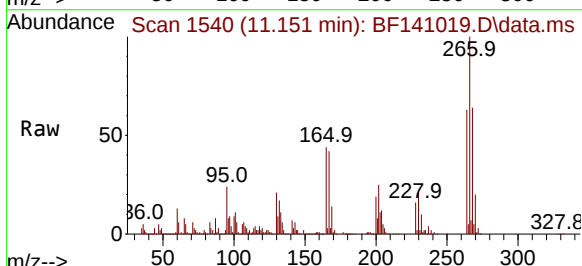
Tgt Ion:266 Resp: 290589

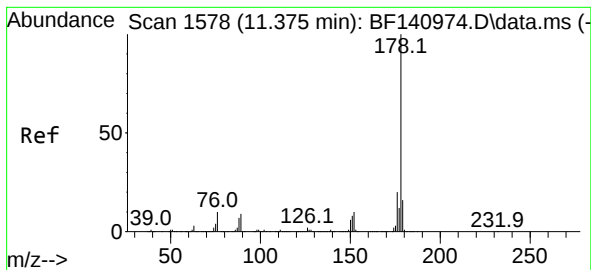
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 63.3 50.2 75.4





#71

Phenanthrene

Concen: 38.377 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

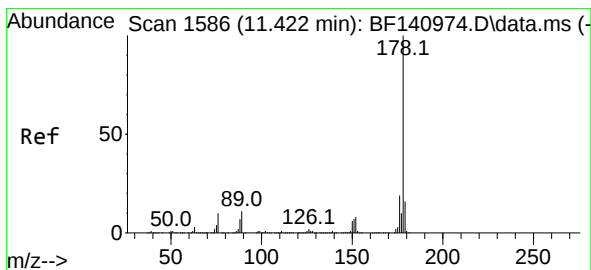
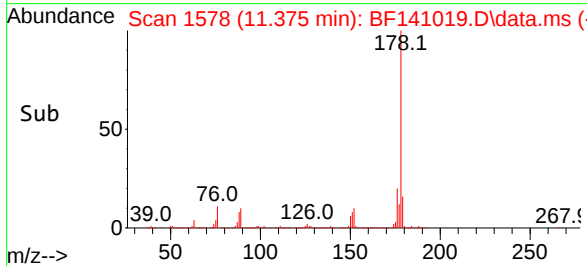
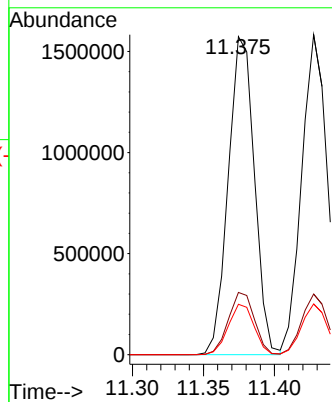
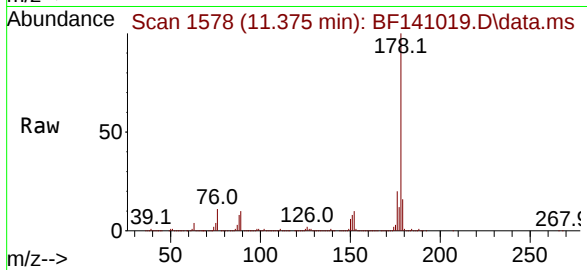
Tgt Ion:178 Resp: 2018462

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.8 12.6 19.0



#72

Anthracene

Concen: 38.249 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

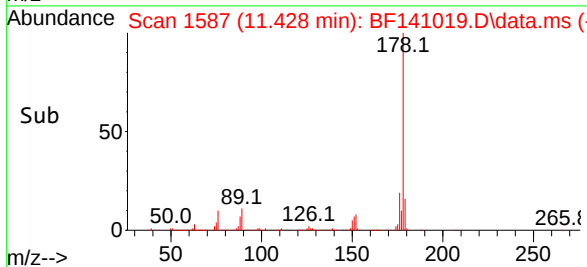
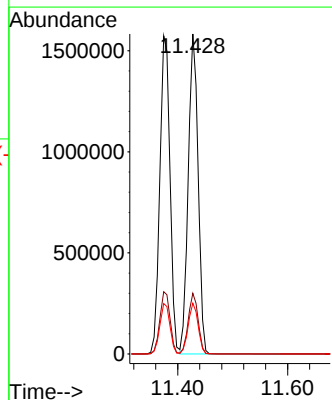
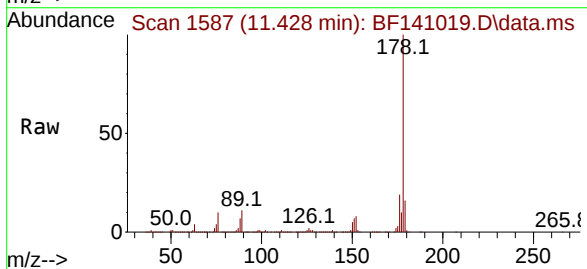
Tgt Ion:178 Resp: 1971230

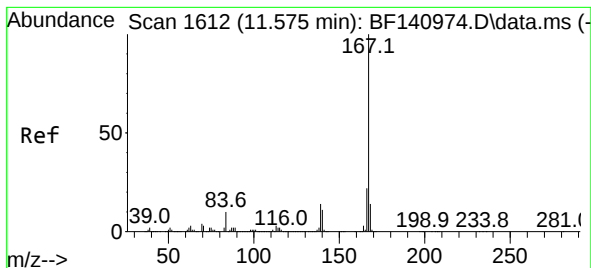
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.9 12.9 19.3





#73

Carbazole

Concen: 36.540 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

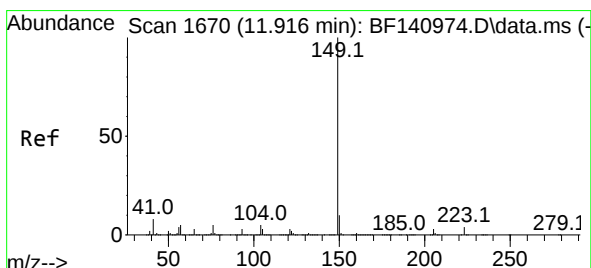
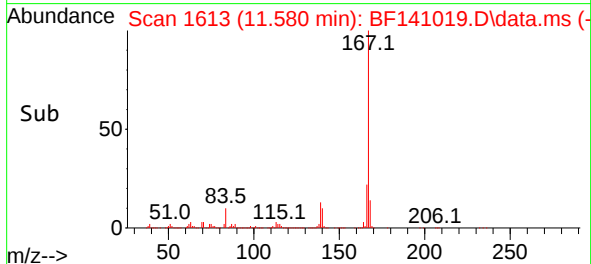
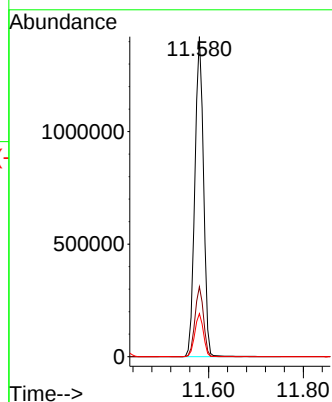
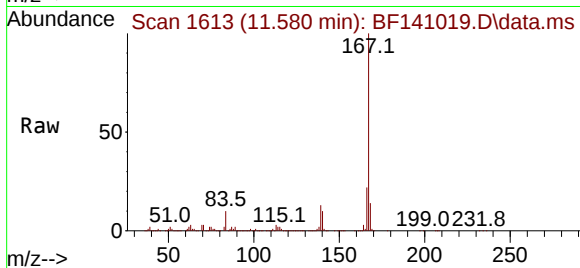
Tgt Ion:167 Resp: 1810329

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.4 11.0 16.4



#74

Di-n-butylphthalate

Concen: 37.107 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

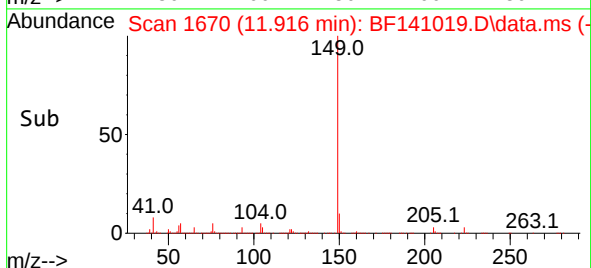
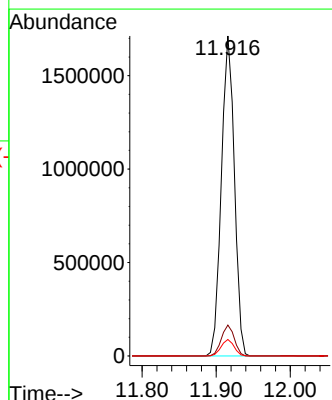
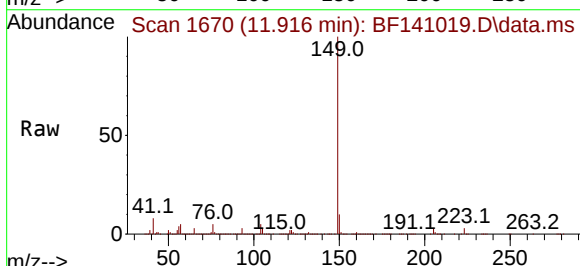
Tgt Ion:149 Resp: 2091018

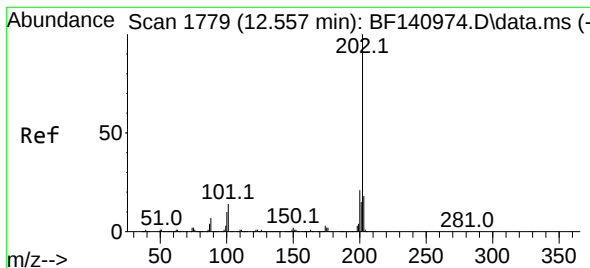
Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 34.277 ng

RT: 12.563 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

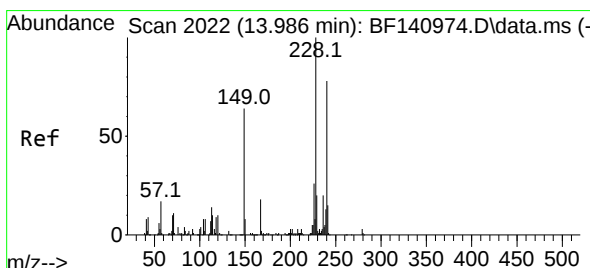
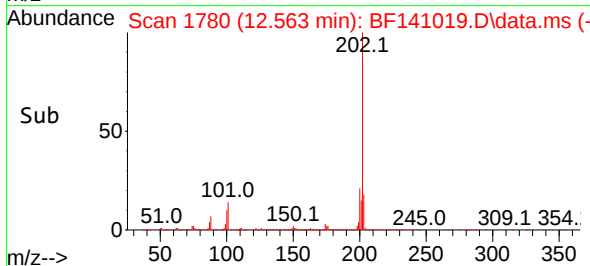
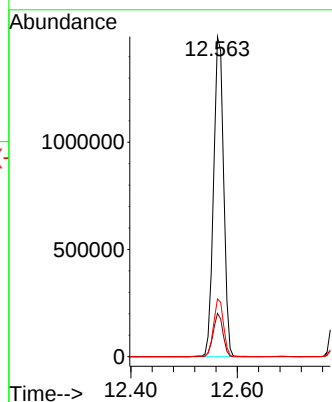
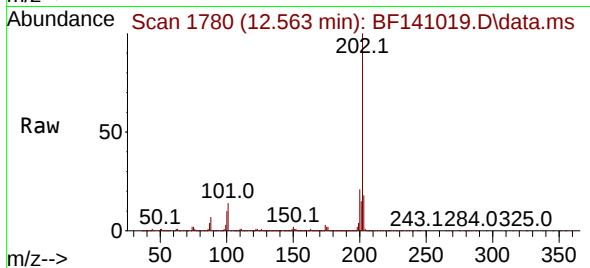
Tgt Ion:202 Resp: 1955256

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.7

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

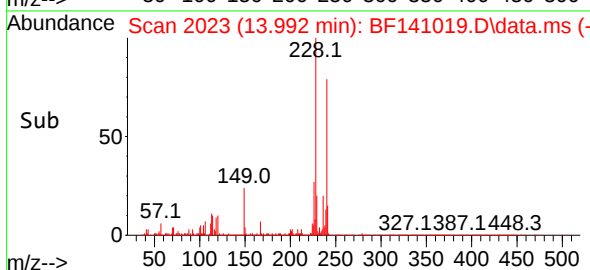
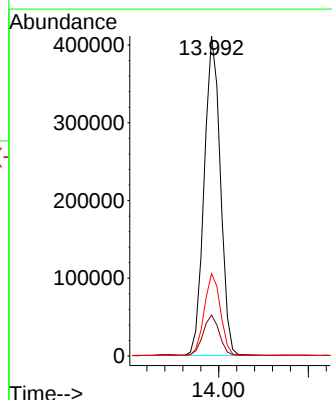
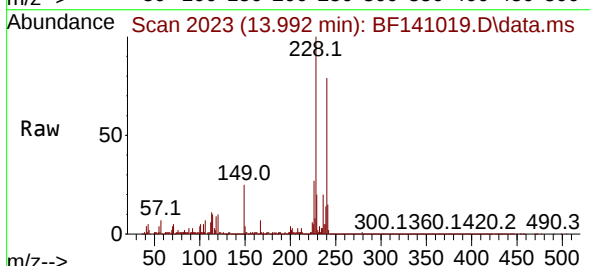
Tgt Ion:240 Resp: 513499

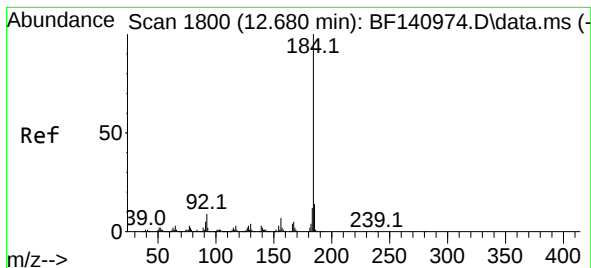
Ion Ratio Lower Upper

240 100

120 12.8 10.7 16.1

236 25.7 20.6 31.0





#77

Benzidine

Concen: 37.797 ng

RT: 12.686 min Scan# 1801

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

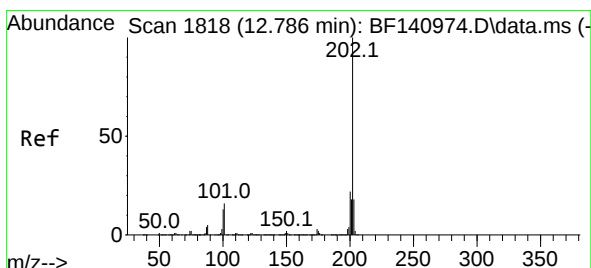
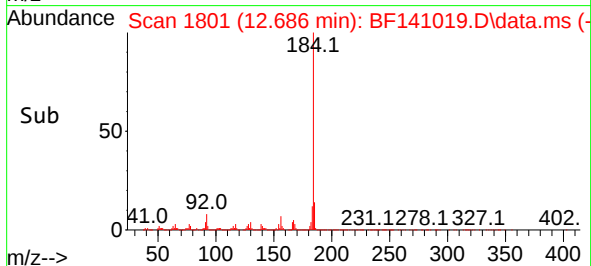
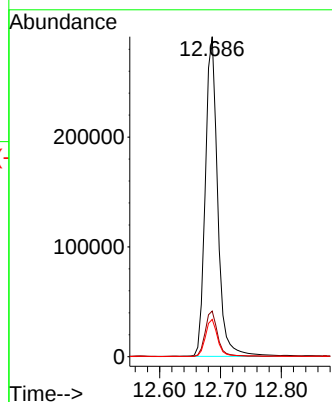
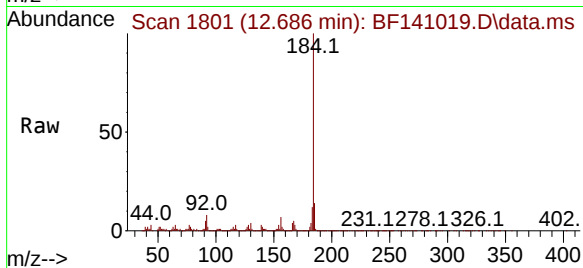
Tgt Ion:184 Resp: 410188

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.2

183 11.6 9.4 14.0



#78

Pyrene

Concen: 43.736 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

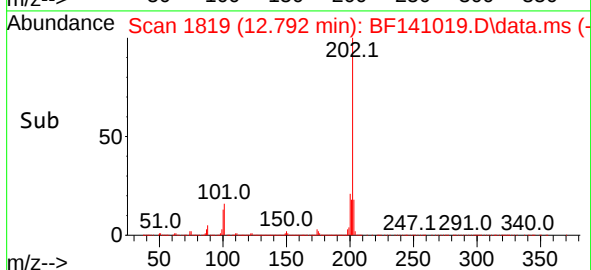
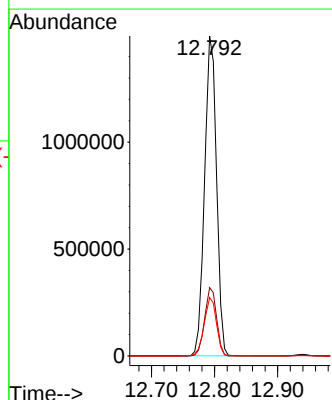
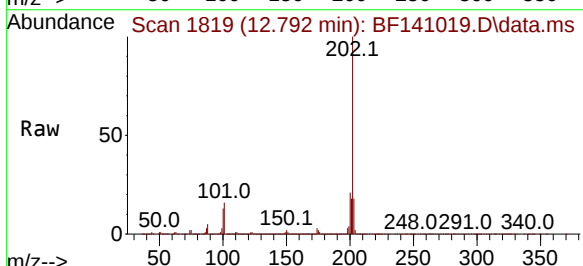
Tgt Ion:202 Resp: 1964156

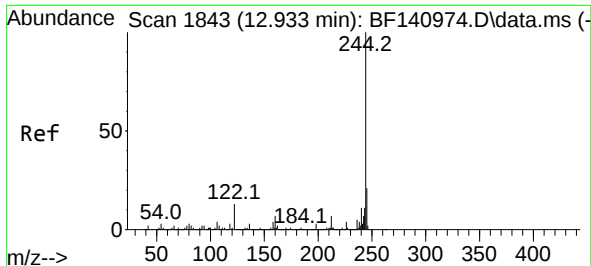
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 18.3 14.6 21.8

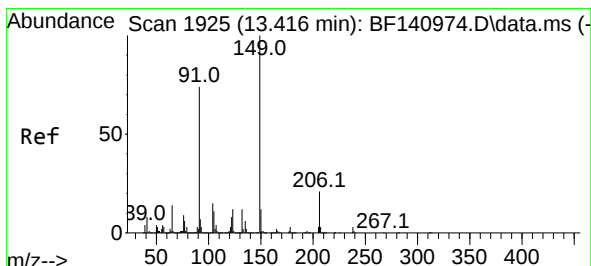
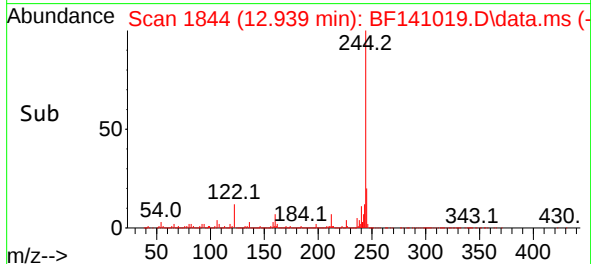
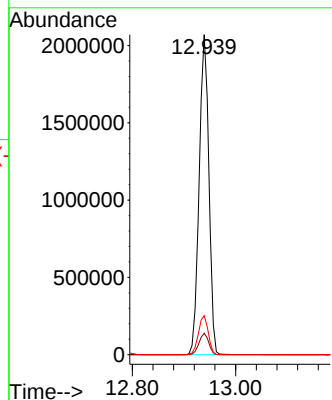
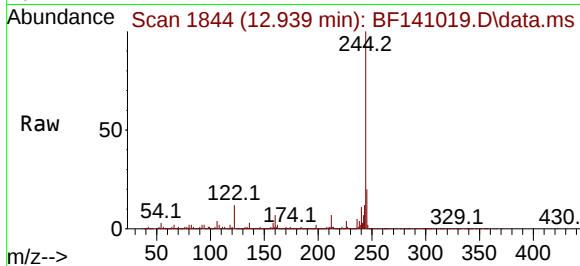




#79
 Terphenyl-d14
 Concen: 87.100 ng
 RT: 12.939 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF141019.D
 Acq: 30 Dec 2024 09:24

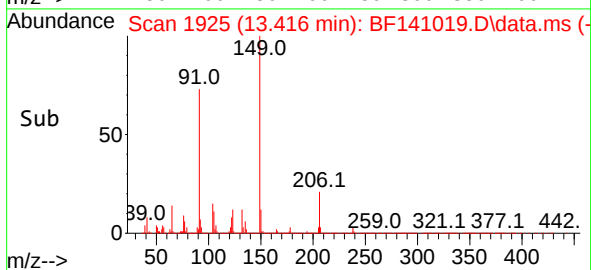
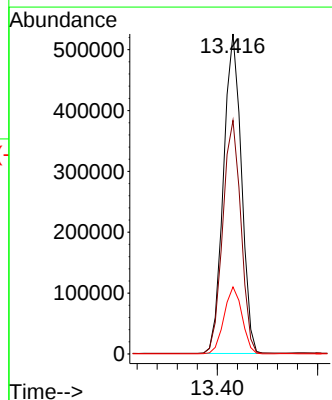
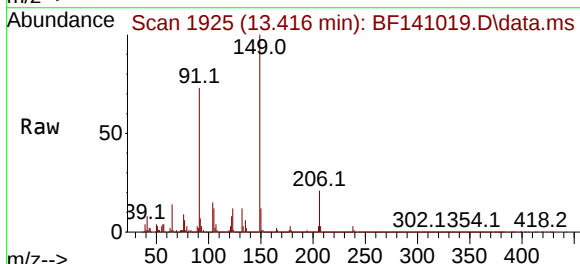
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

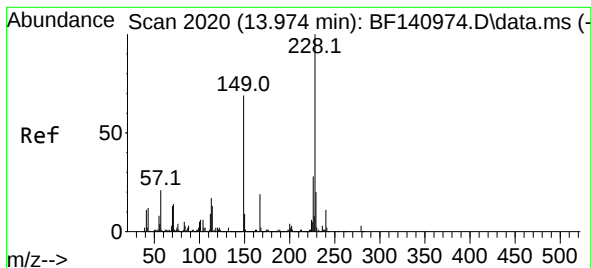
Tgt Ion:244 Resp: 2692720
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 12.2 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 39.711 ng
 RT: 13.416 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: BF141019.D
 Acq: 30 Dec 2024 09:24

Tgt Ion:149 Resp: 651212
 Ion Ratio Lower Upper
 149 100
 91 73.0 59.5 89.3
 206 20.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 36.912 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

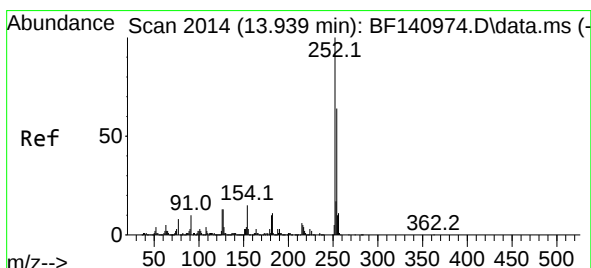
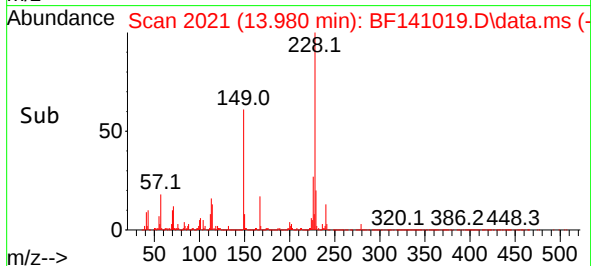
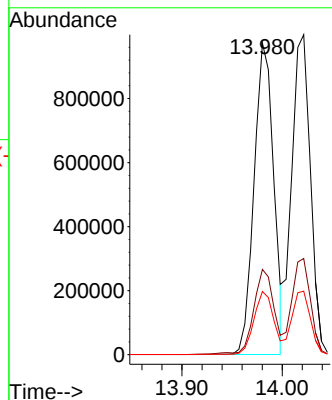
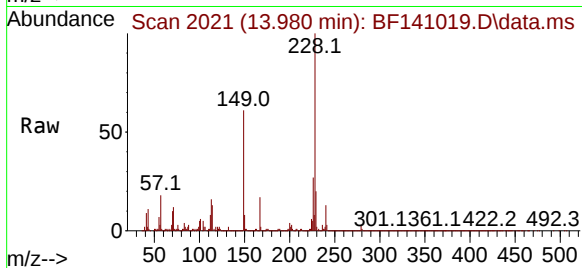
Tgt Ion:228 Resp: 1320984

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 40.013 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

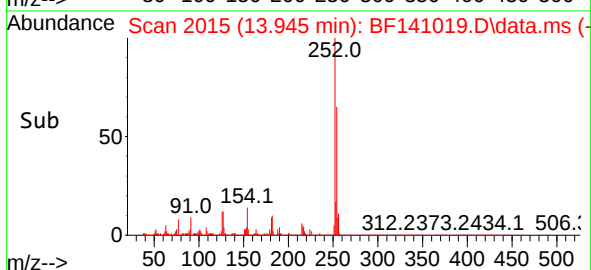
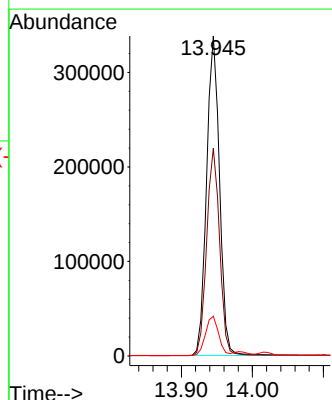
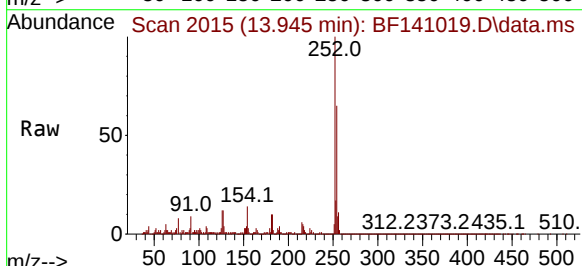
Tgt Ion:252 Resp: 430238

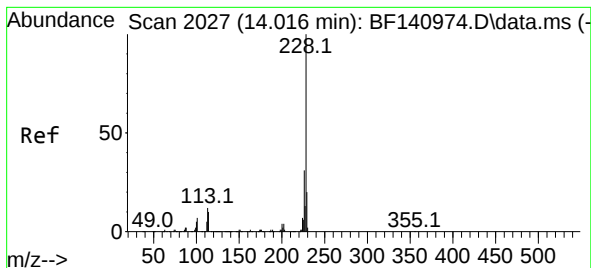
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 12.4 10.3 15.5





#83

Chrysene

Concen: 40.323 ng

RT: 14.021 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

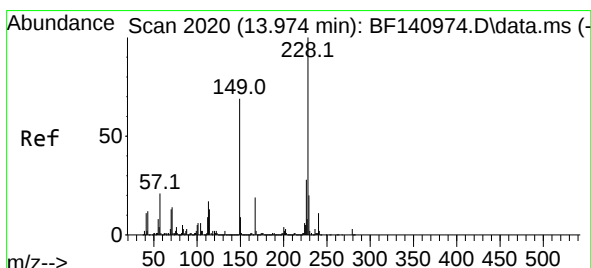
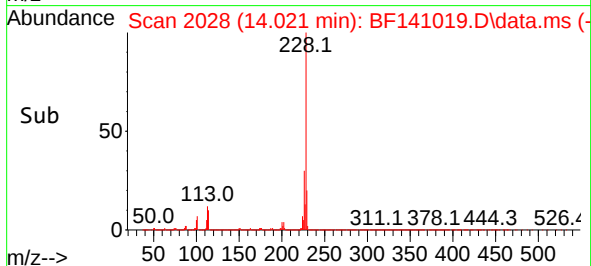
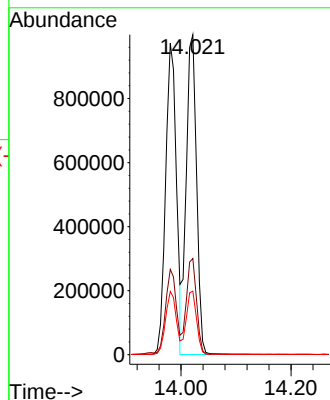
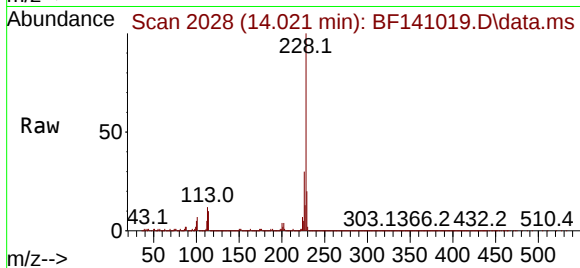
Tgt Ion:228 Resp: 1300887

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.9 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.166 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

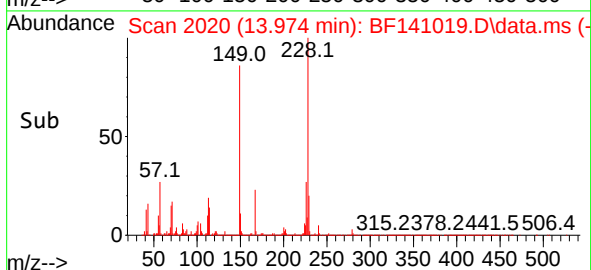
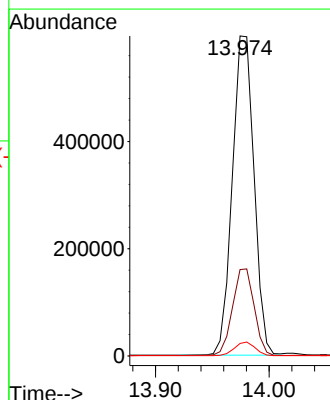
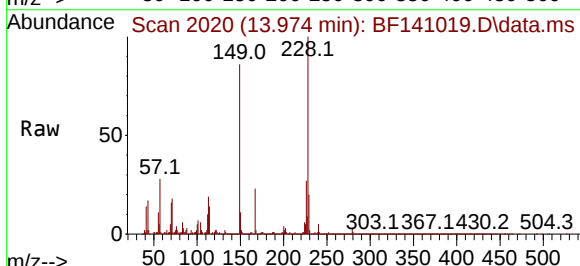
Tgt Ion:149 Resp: 790574

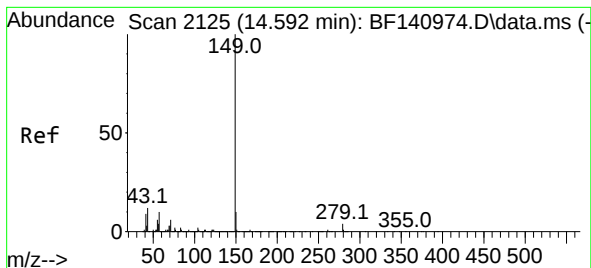
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 41.238 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

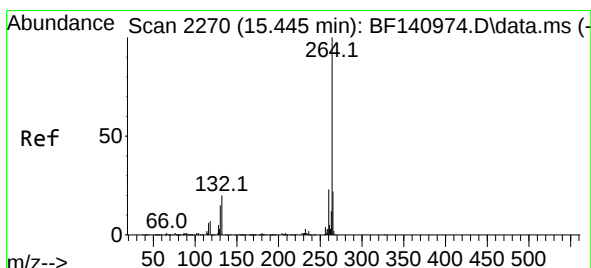
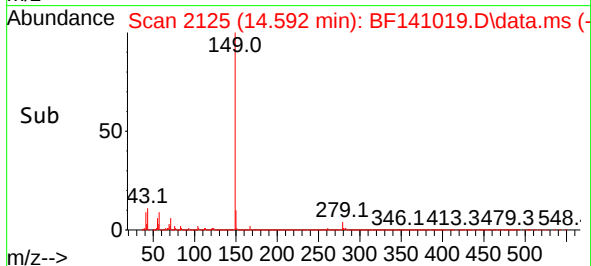
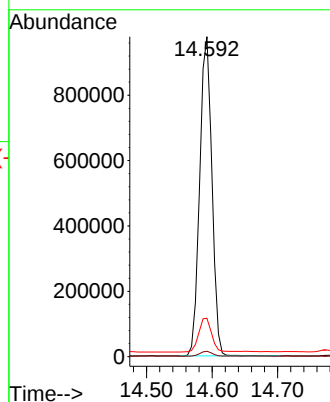
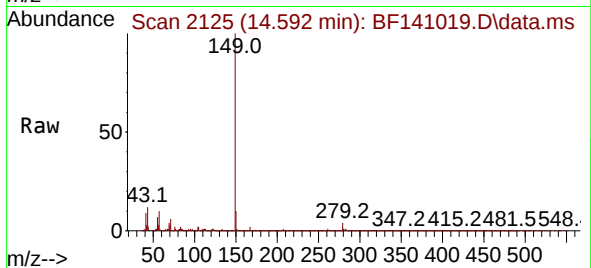
Tgt Ion:149 Resp: 1269609

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.2 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

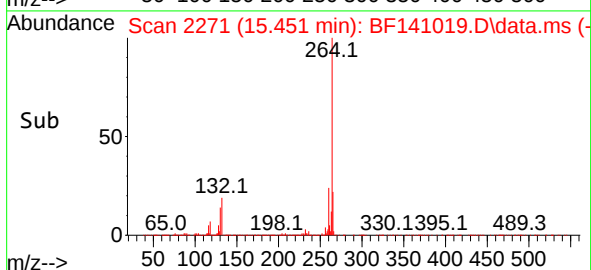
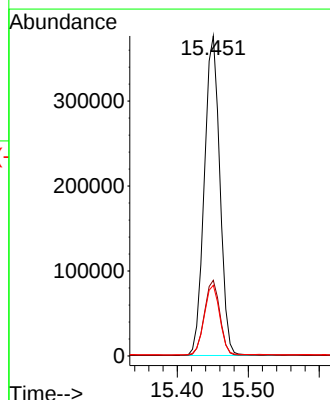
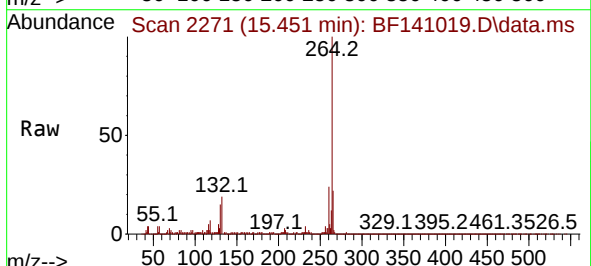
Tgt Ion:264 Resp: 572329

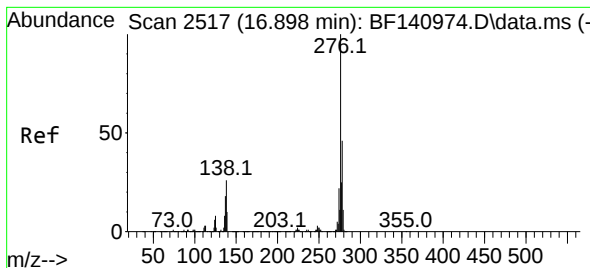
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.806 ng

RT: 16.910 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

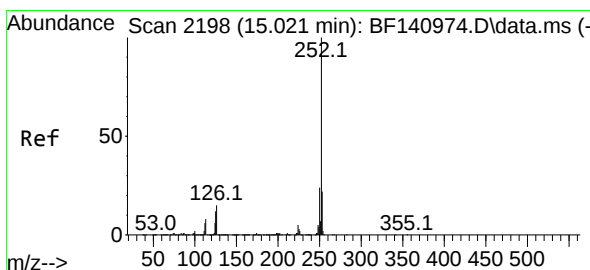
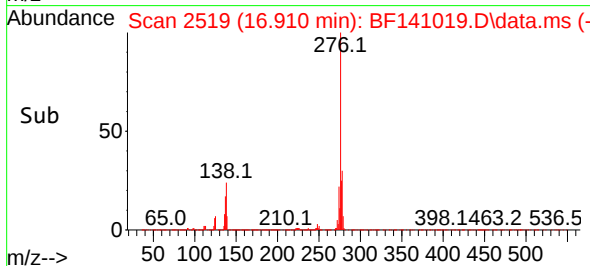
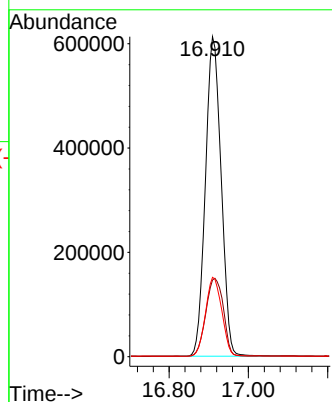
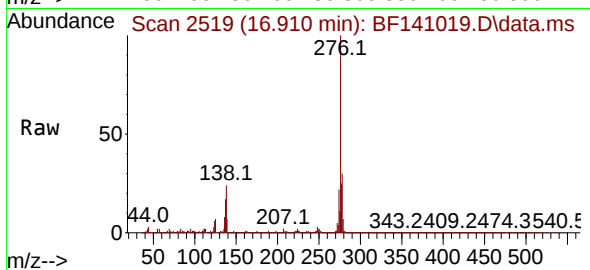
Tgt Ion:276 Resp: 1687714

Ion Ratio Lower Upper

276 100

138 27.1 23.1 34.7

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 32.680 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

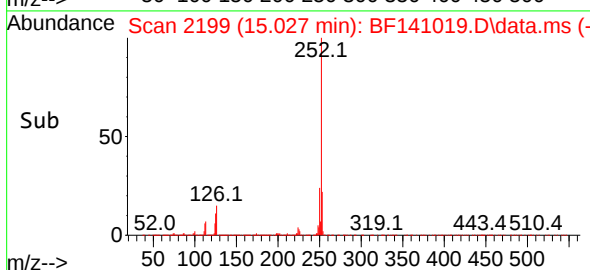
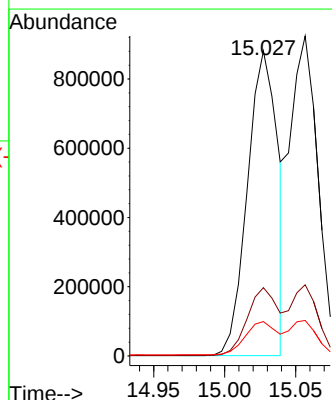
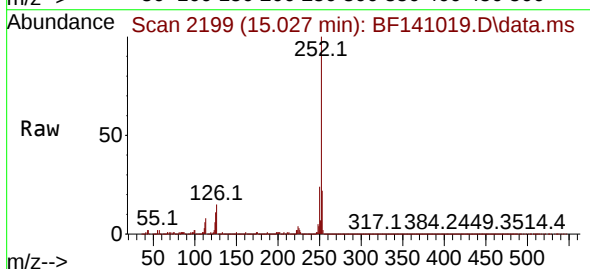
Tgt Ion:252 Resp: 1304484

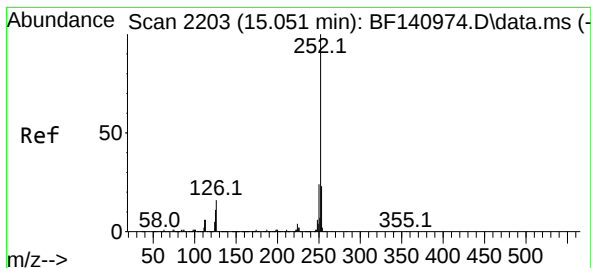
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.3 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 40.163 ng

RT: 15.057 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

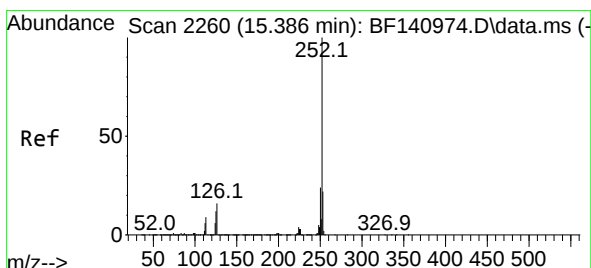
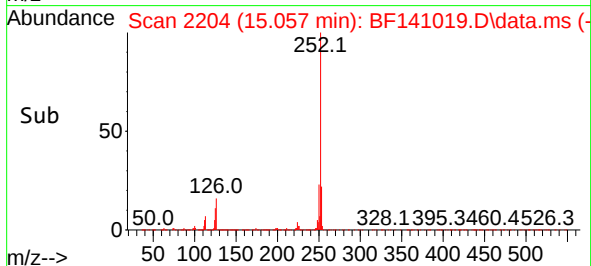
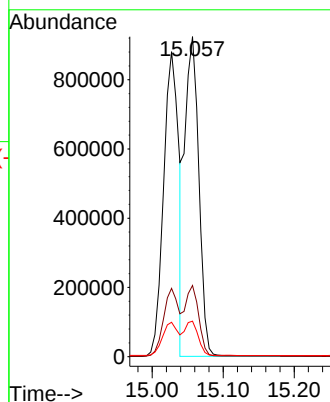
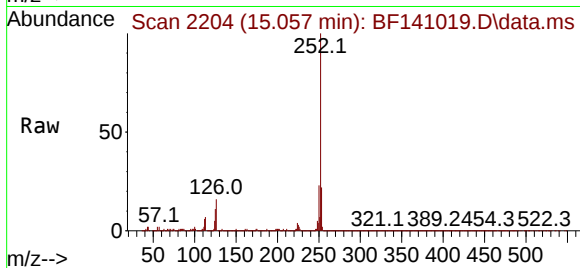
Tgt Ion:252 Resp: 1256515

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.1 9.4 14.0



#90

Benzo(a)pyrene

Concen: 38.137 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF141019.D

Acq: 30 Dec 2024 09:24

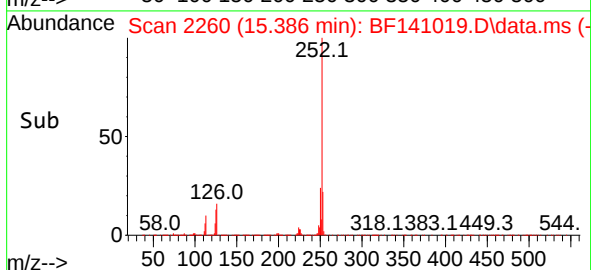
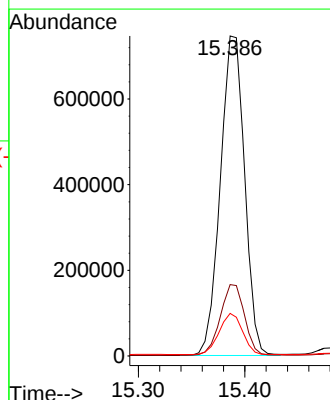
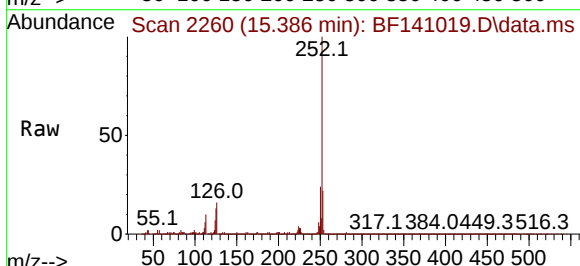
Tgt Ion:252 Resp: 1181585

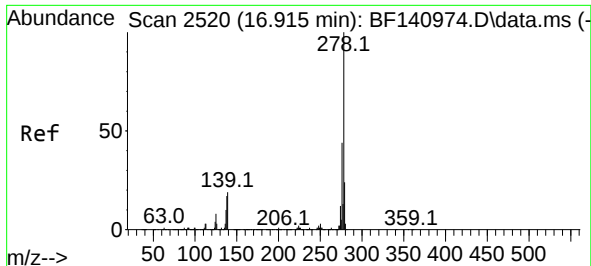
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 13.3 9.8 14.8

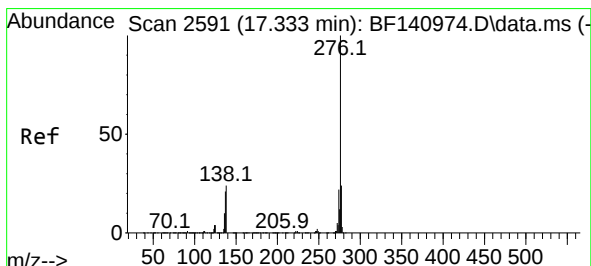
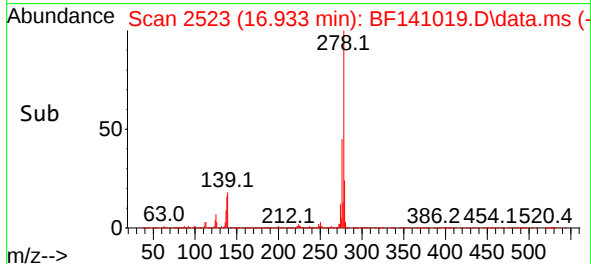
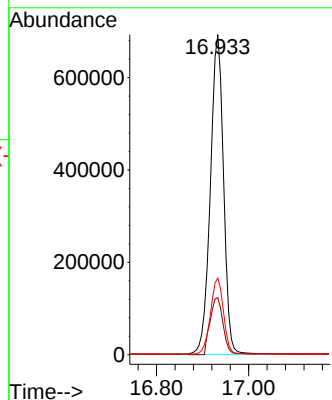
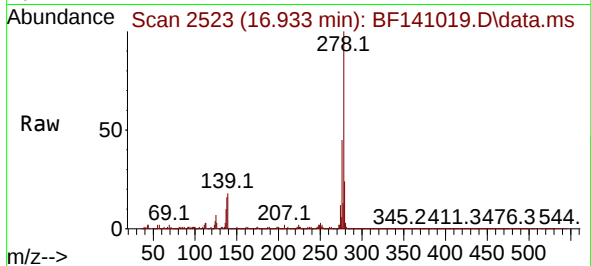




#91
Dibenzo(a,h)anthracene
Concen: 47.261 ng
RT: 16.933 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1381399
Ion Ratio Lower Upper
278 100
139 17.8 14.9 22.3
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.707 ng
RT: 17.357 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF141019.D
Acq: 30 Dec 2024 09:24

Tgt Ion:276 Resp: 1446266
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 23.3 19.4 29.2

