

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142175.D
 Acq On : 31 Mar 2025 12:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 31 13:28:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	153678	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	590359	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	382940	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	658962	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	402422	20.000	ng	0.00
86) Perylene-d12	15.510	264	395762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	720182	78.213	ng	-0.02
7) Phenol-d6	6.492	99	906496	77.321	ng	-0.01
23) Nitrobenzene-d5	7.434	82	824222	78.569	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	424168	87.312	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1789068	71.051	ng	-0.01
79) Terphenyl-d14	12.980	244	2189308	80.433	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	151628	39.300	ng	95
3) Pyridine	3.381	79	357118	37.735	ng	95
4) n-Nitrosodimethylamine	3.334	42	153753	34.082	ng	95
6) Aniline	6.528	93	423065	36.580	ng	97
8) 2-Chlorophenol	6.651	128	402678	39.430	ng	98
9) Benzaldehyde	6.422	77	400852	61.135	ng	98
10) Phenol	6.510	94	471439	38.223	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	344959	37.247	ng	97
12) 1,3-Dichlorobenzene	6.810	146	431688	39.154	ng	98
13) 1,4-Dichlorobenzene	6.887	146	442695	39.685	ng	98
14) 1,2-Dichlorobenzene	7.040	146	418060	39.788	ng	98
15) Benzyl Alcohol	7.010	79	357915	37.762	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	362122	32.388	ng	95
17) 2-Methylphenol	7.116	107	308065	37.940	ng	99
18) Hexachloroethane	7.381	117	160616	38.396	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	264106	35.059	ng	98
20) 3+4-Methylphenols	7.269	107	384200	36.940	ng	93
22) Acetophenone	7.275	105	544720	38.530	ng	96
24) Nitrobenzene	7.451	77	408076	39.130	ng	97
25) Isophorone	7.687	82	693028	37.373	ng	99
26) 2-Nitrophenol	7.763	139	218069	42.605	ng	98
27) 2,4-Dimethylphenol	7.798	122	273488	38.804	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	436149	37.500	ng	99
29) 2,4-Dichlorophenol	8.004	162	356384	40.739	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	396543	41.132	ng	99
31) Naphthalene	8.175	128	1197246	39.479	ng	100
32) Benzoic acid	7.922	122	269230	43.457	ng	97
33) 4-Chloroaniline	8.222	127	419768	39.211	ng	97
34) Hexachlorobutadiene	8.286	225	258743	41.154	ng	99
35) Caprolactam	8.598	113	108728	40.767	ng	88
36) 4-Chloro-3-methylphenol	8.698	107	387742	39.734	ng	97
37) 2-Methylnaphthalene	8.863	142	808508	39.887	ng	100
38) 1-Methylnaphthalene	8.963	142	784063	40.084	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	426726	36.601	ng	98
41) Hexachlorocyclopentadiene	9.016	237	149031	32.662	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	267782	35.144	ng	99

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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	9.181	196	294625	38.178	ng	98
46) 1,1'-Biphenyl	9.328	154	1029821	35.393	ng	100
47) 2-Chloronaphthalene	9.351	162	789161	36.389	ng	98
48) 2-Nitroaniline	9.451	65	223730	35.630	ng	95
49) Acenaphthylene	9.769	152	1187671	36.904	ng	100
50) Dimethylphthalate	9.628	163	983065	36.659	ng	100
51) 2,6-Dinitrotoluene	9.692	165	212696	38.094	ng	92
52) Acenaphthene	9.939	154	909759	40.226	ng	99
53) 3-Nitroaniline	9.863	138	229673	40.552	ng	95
54) 2,4-Dinitrophenol	9.969	184	126805	43.261	ng #	44
55) Dibenzofuran	10.116	168	1224573	37.893	ng	97
56) 4-Nitrophenol	10.016	139	187493	43.898	ng	94
57) 2,4-Dinitrotoluene	10.098	165	300571	41.216	ng	96
58) Fluorene	10.457	166	974033	39.084	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	289877	41.279	ng	96
60) Diethylphthalate	10.328	149	1024395	38.310	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	517652	39.842	ng	97
62) 4-Nitroaniline	10.475	138	230890	41.874	ng	96
63) Azobenzene	10.610	77	901409	36.260	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	174944	44.534	ng	95
66) n-Nitrosodiphenylamine	10.569	169	829498	38.899	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	338991	40.962	ng	95
68) Hexachlorobenzene	11.004	284	381167	41.994	ng	94
69) Atrazine	11.092	200	253570	38.789	ng	98
70) Pentachlorophenol	11.198	266	236933	42.367	ng	99
71) Phenanthrene	11.422	178	1409825	39.610	ng	100
72) Anthracene	11.475	178	1364675	38.217	ng	100
73) Carbazole	11.627	167	1233540	40.056	ng	100
74) Di-n-butylphthalate	11.951	149	1597845	39.103	ng	100
75) Fluoranthene	12.610	202	1360519	36.035	ng	99
77) Benzidine	12.727	184	246774	43.953	ng	99
78) Pyrene	12.839	202	1366309	39.251	ng	99
80) Butylbenzylphthalate	13.451	149	553085	40.594	ng	98
81) Benzo(a)anthracene	14.027	228	1055317	39.963	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	313883	41.131	ng	100
83) Chrysene	14.063	228	965783	40.347	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	713878	38.001	ng	99
85) Di-n-octyl phthalate	14.621	149	1106581	42.336	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	966446	37.750	ng	97
88) Benzo(b)fluoranthene	15.080	252	980961	36.166	ng	99
89) Benzo(k)fluoranthene	15.110	252	939819	40.489	ng	99
90) Benzo(a)pyrene	15.451	252	844845	39.807	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	787699	37.291	ng	98
92) Benzo(g,h,i)perylene	17.456	276	785864	37.648	ng	97

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

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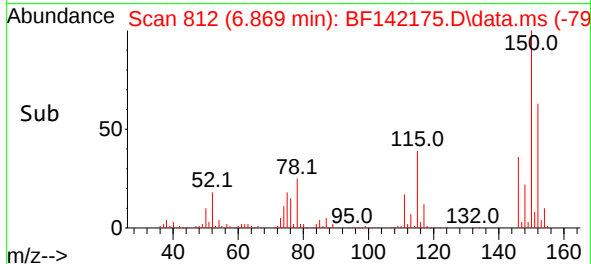
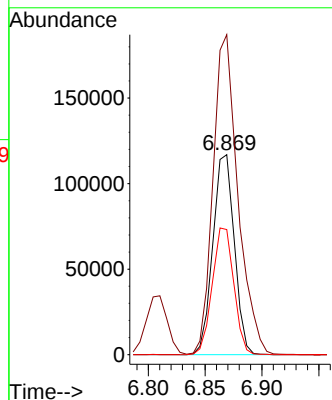
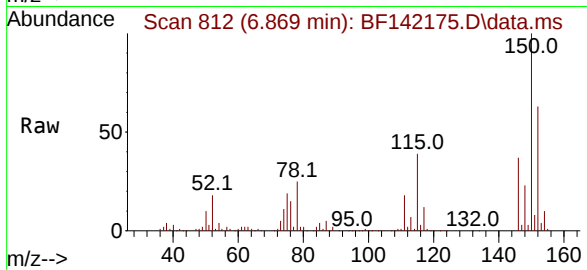




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF142175.D
 Acq: 31 Mar 2025 12:22

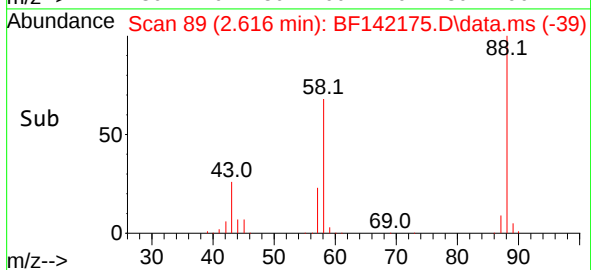
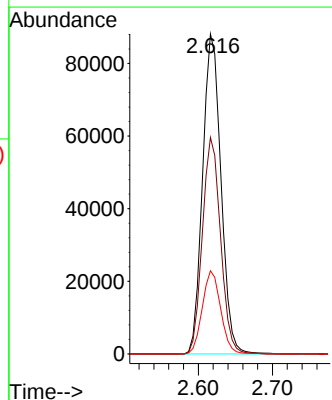
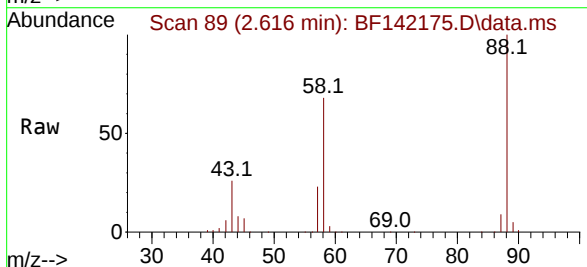
Instrument :
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 SSTDCCC040

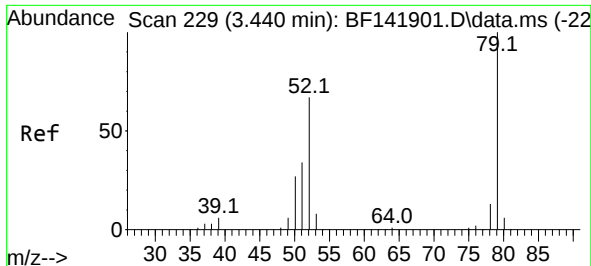
Tgt Ion:152 Resp: 153678
 Ion Ratio Lower Upper
 152 100
 150 159.9 127.4 191.2
 115 62.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 39.300 ng
 RT: 2.616 min Scan# 89
 Delta R.T. -0.059 min
 Lab File: BF142175.D
 Acq: 31 Mar 2025 12:22

Tgt Ion: 88 Resp: 151628
 Ion Ratio Lower Upper
 88 100
 58 66.8 57.4 86.2
 43 26.0 21.5 32.3





#3

Pyridine

Concen: 37.735 ng

RT: 3.381 min Scan# 211

Delta R.T. -0.059 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

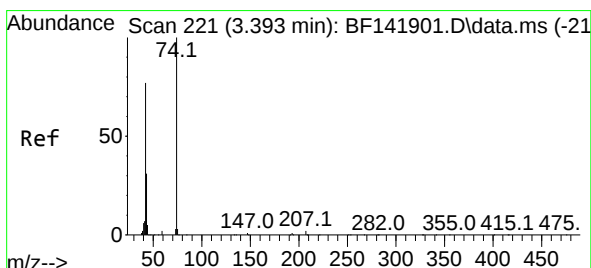
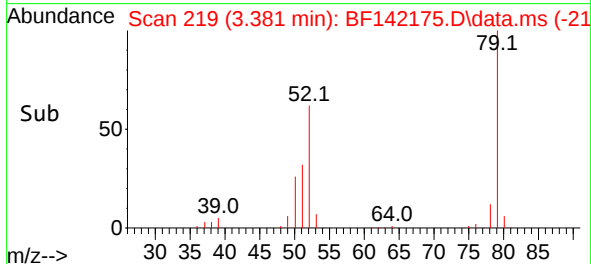
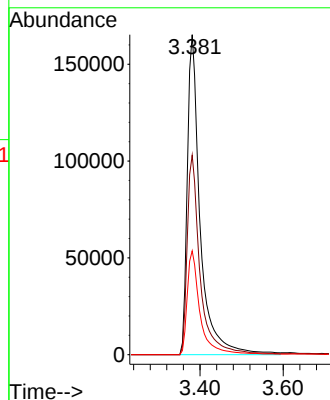
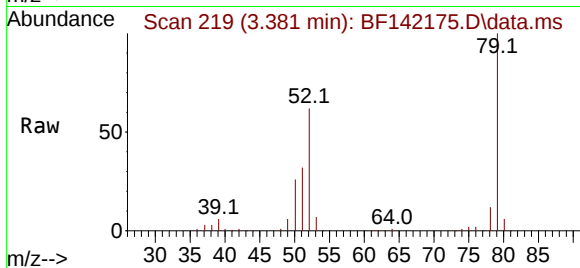
Tgt Ion: 79 Resp: 357118

Ion Ratio Lower Upper

79 100

52 62.3 53.3 79.9

51 32.5 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 34.082 ng

RT: 3.334 min Scan# 211

Delta R.T. -0.059 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

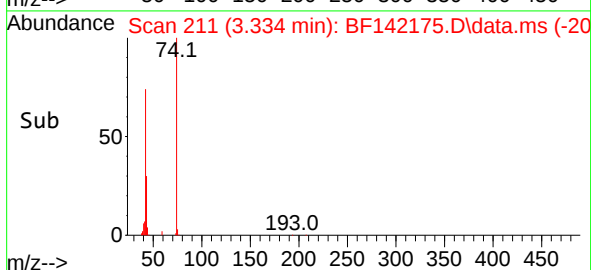
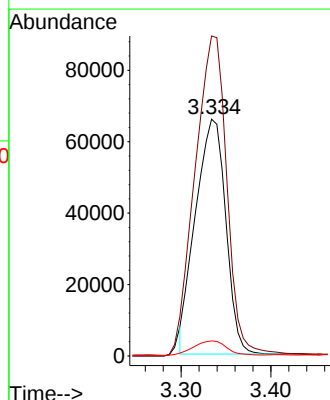
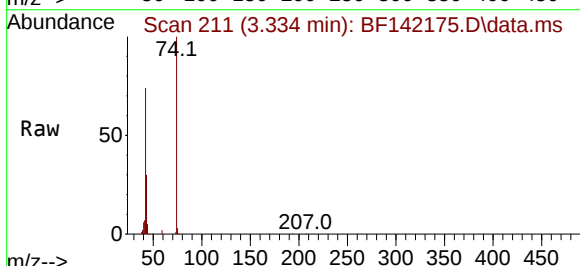
Tgt Ion: 42 Resp: 153753

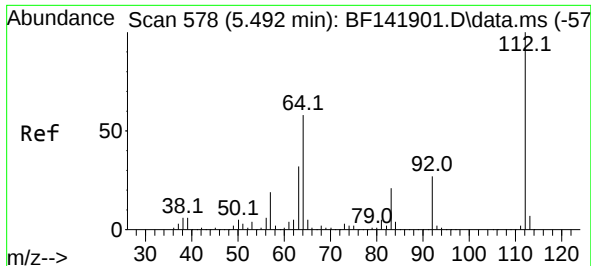
Ion Ratio Lower Upper

42 100

74 135.2 103.4 155.0

44 6.3 5.0 7.4

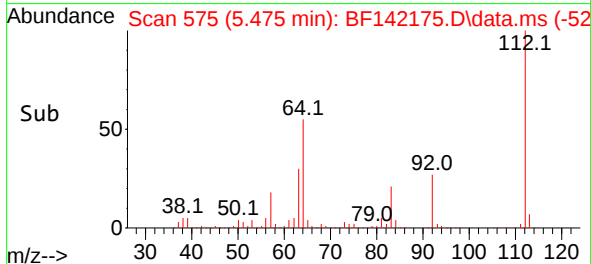
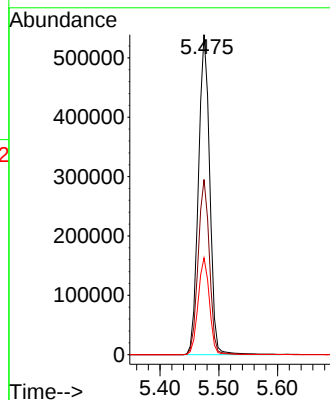
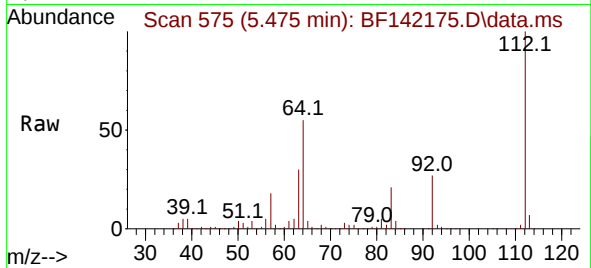




#5
2-Fluorophenol
Concen: 78.213 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.018 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

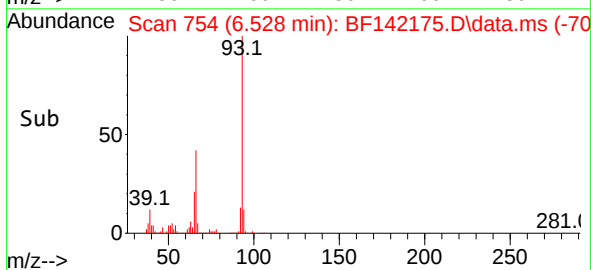
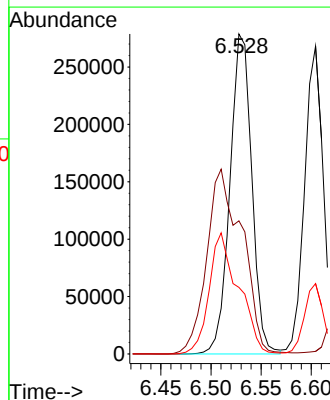
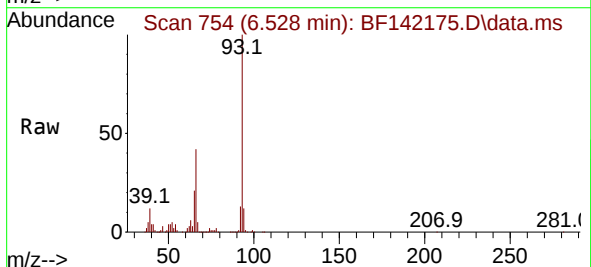
Instrument :
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Tgt Ion:112 Resp: 720182
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 30.3 25.4 38.2



#6
Aniline
Concen: 36.580 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion: 93 Resp: 423065
Ion Ratio Lower Upper
93 100
66 41.6 31.9 47.9
65 20.8 15.8 23.6

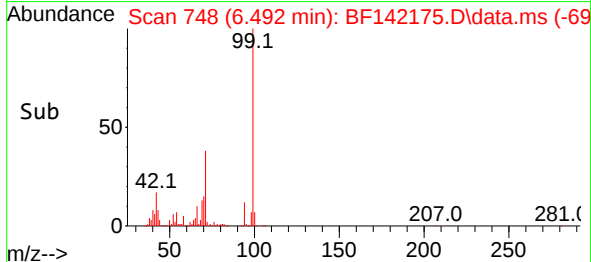
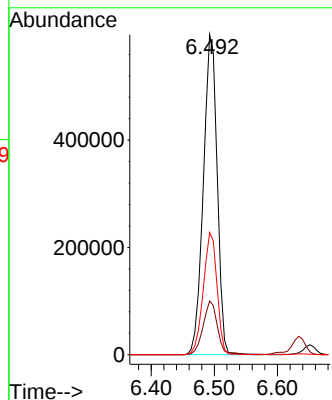
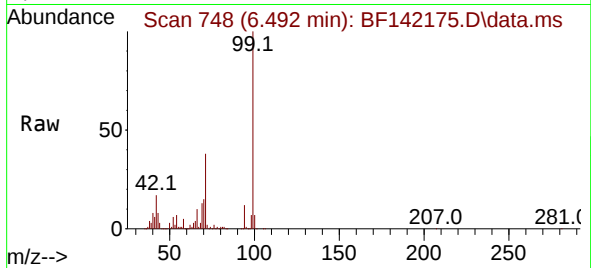




#7
Phenol-d6
Concen: 77.321 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

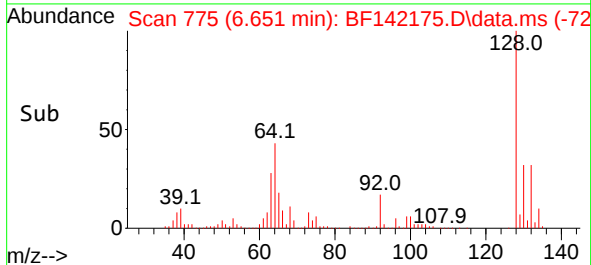
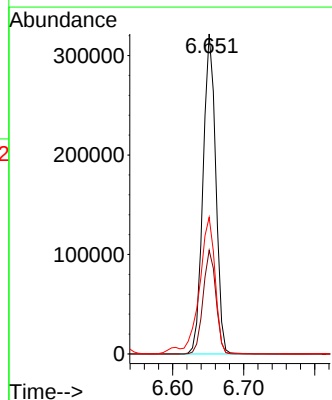
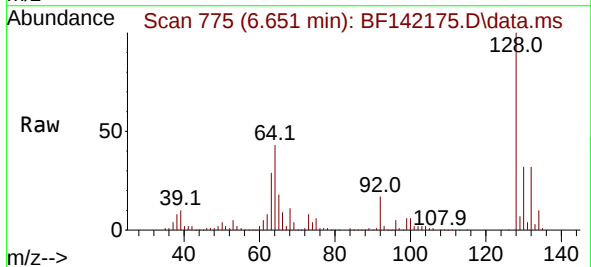
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 906496
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 38.2 30.8 46.2



#8
2-Chlorophenol
Concen: 39.430 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.018 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:128 Resp: 402678
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 42.7 24.4 64.4

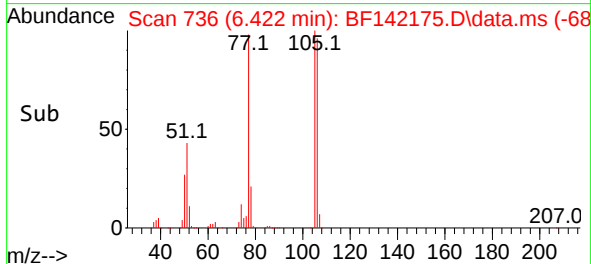
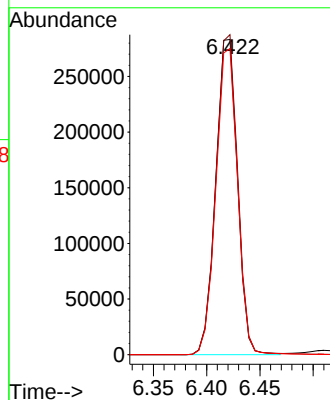
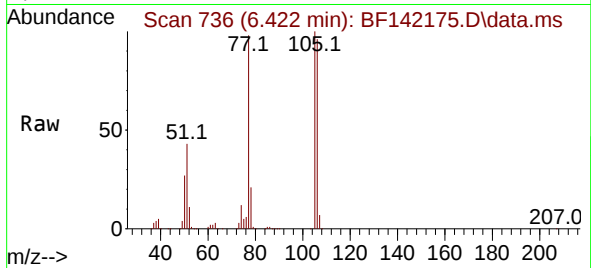




#9
Benzaldehyde
Concen: 61.135 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
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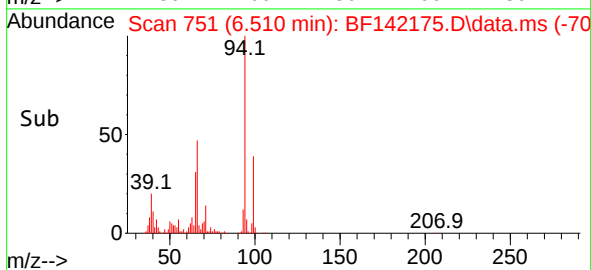
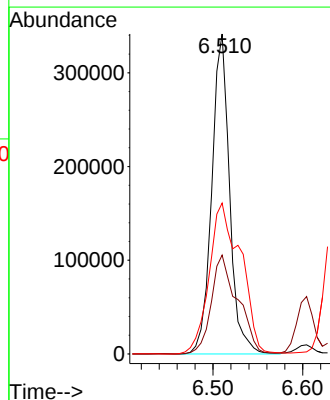
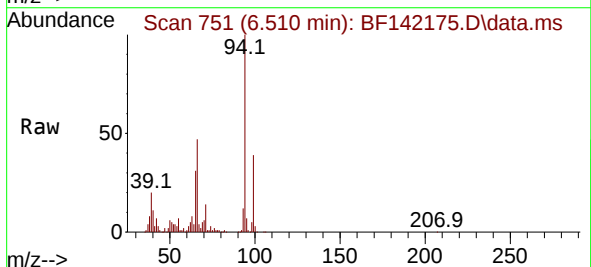
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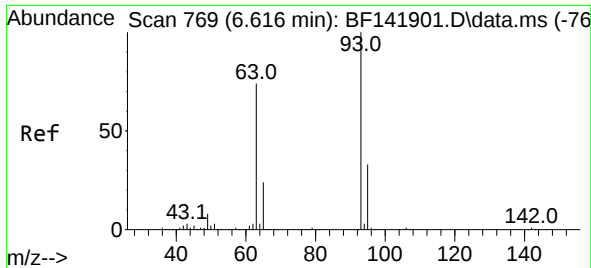
Tgt Ion: 77 Resp: 400852
Ion Ratio Lower Upper
77 100
105 101.5 80.0 120.0
106 97.1 74.5 114.5



#10
Phenol
Concen: 38.223 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion: 94 Resp: 471439
Ion Ratio Lower Upper
94 100
65 30.9 10.5 50.5
66 47.2 25.8 65.8

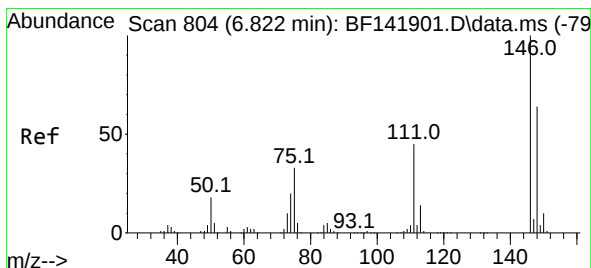
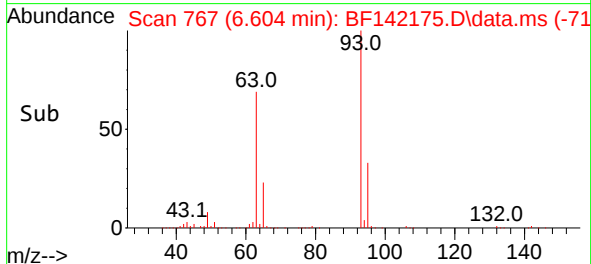
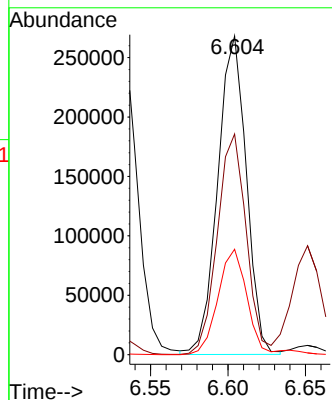
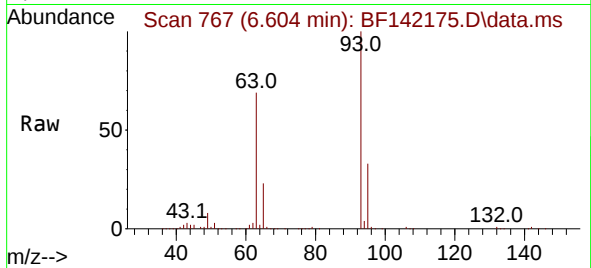




#11
bis(2-Chloroethyl)ether
Concen: 37.247 ng
RT: 6.604 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

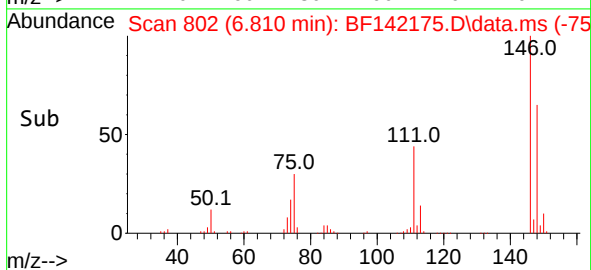
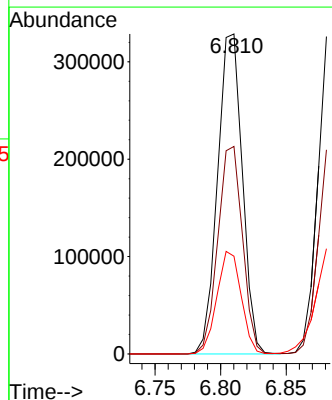
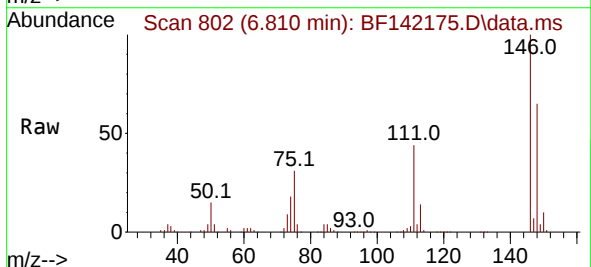
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 344959
Ion Ratio Lower Upper
93 100
63 69.2 53.0 93.0
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.154 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:146 Resp: 431688
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 30.6 26.6 40.0

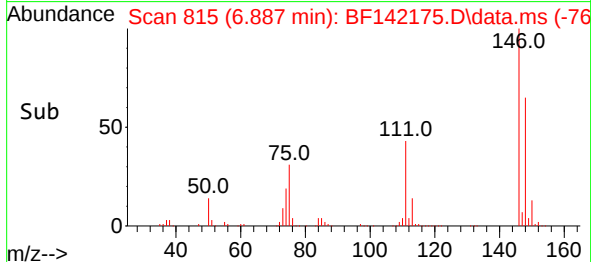
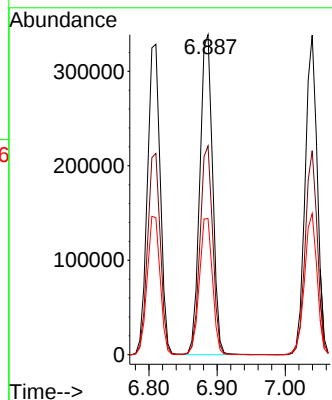
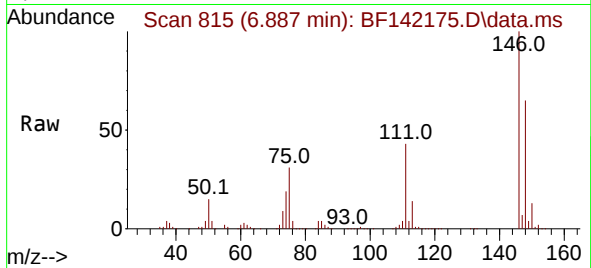




#13
1,4-Dichlorobenzene
Concen: 39.685 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

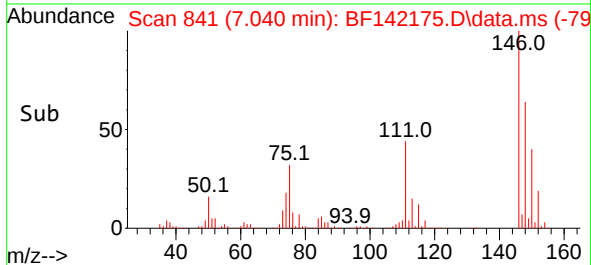
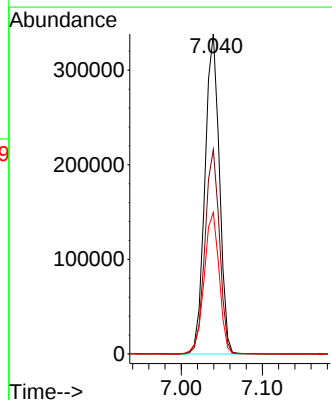
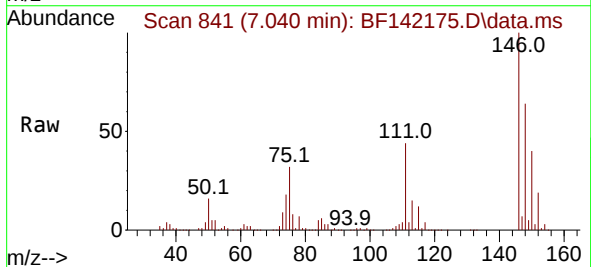
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 442695
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.6
111 42.6 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 39.788 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:146 Resp: 418060
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 44.2 38.0 57.0

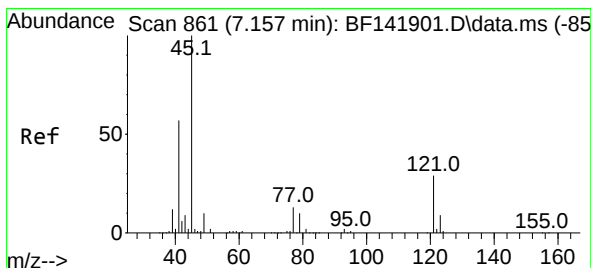
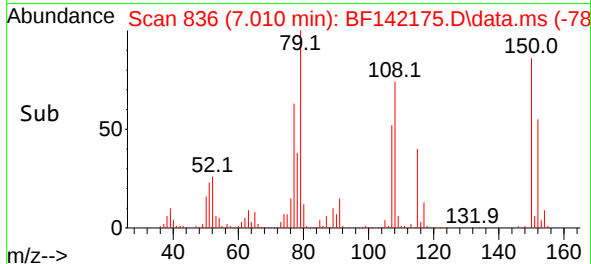
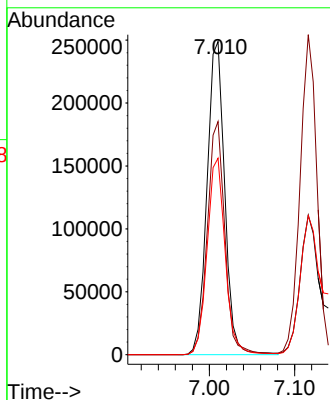
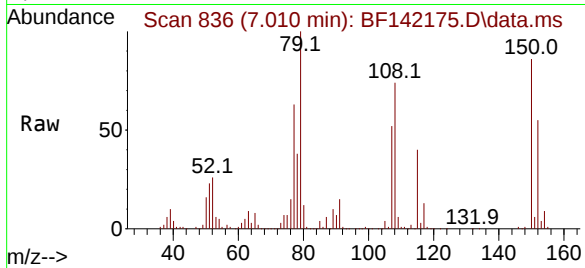




#15
Benzyl Alcohol
Concen: 37.762 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

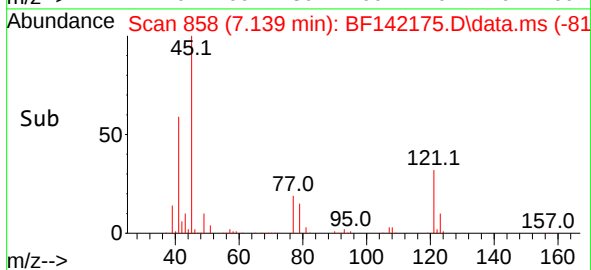
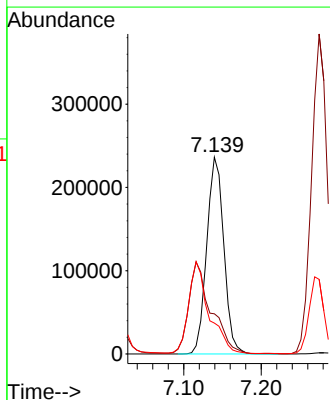
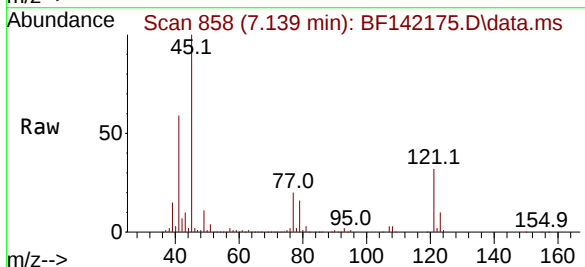
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

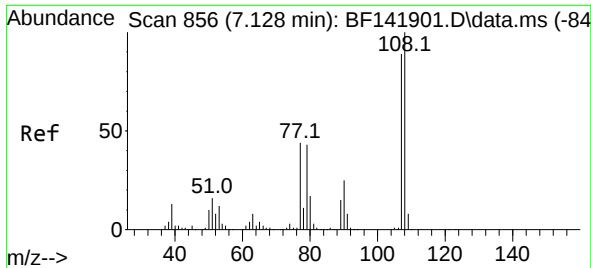
Tgt Ion: 79 Resp: 357915
Ion Ratio Lower Upper
79 100
108 74.5 59.7 89.5
77 62.8 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.388 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.018 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion: 45 Resp: 362122
Ion Ratio Lower Upper
45 100
77 20.4 0.0 37.8
79 15.7 0.0 34.2

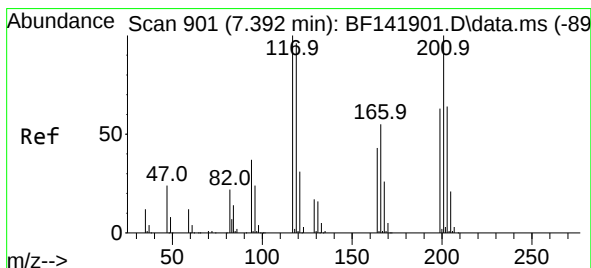
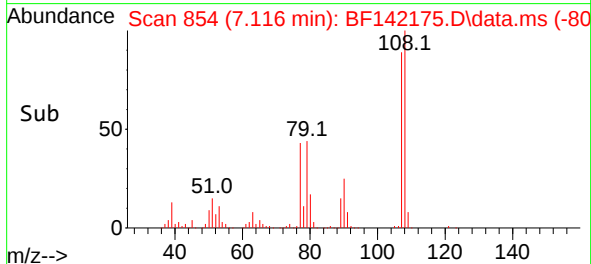
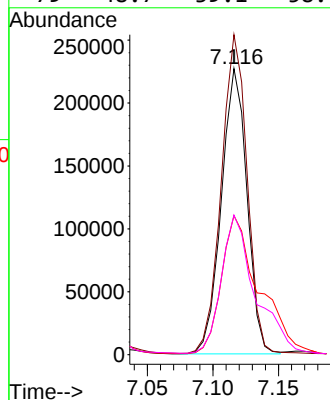
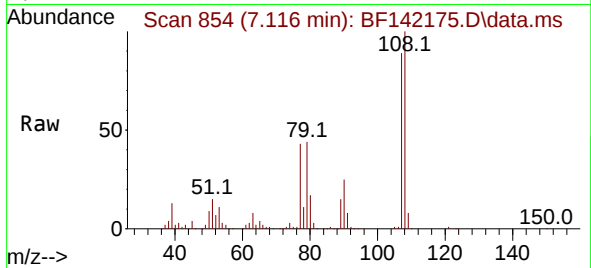




#17
2-Methylphenol
Concen: 37.940 ng
RT: 7.116 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

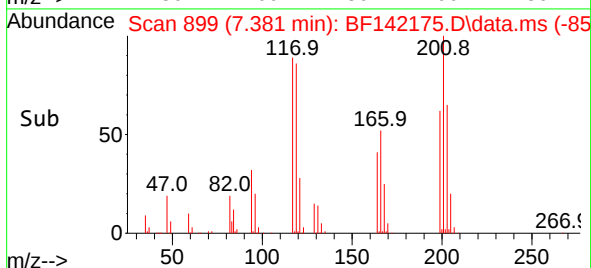
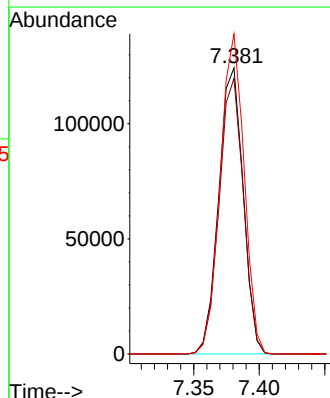
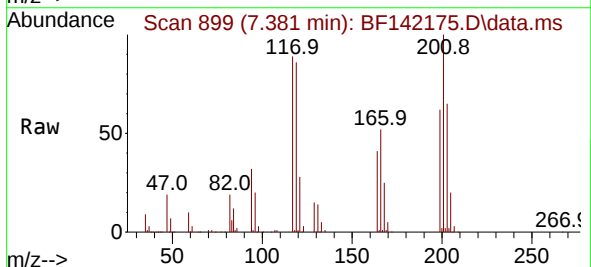
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 308065
Ion Ratio Lower Upper
107 100
108 111.8 90.2 135.2
77 48.6 39.6 59.4
79 48.7 39.1 58.7



#18
Hexachloroethane
Concen: 38.396 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:117 Resp: 160616
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3
201 111.9 79.9 119.9



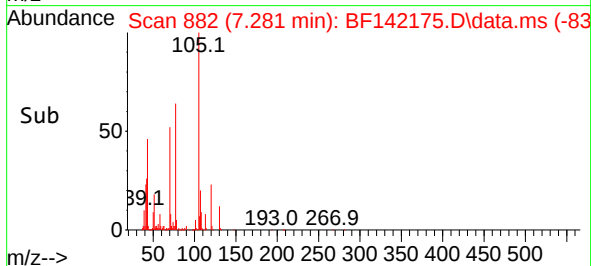
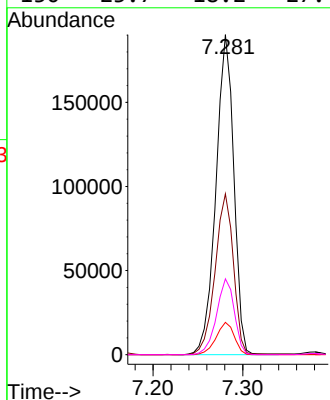
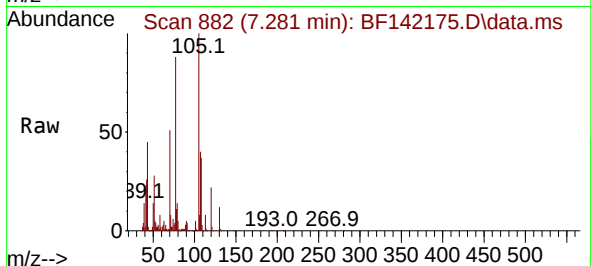


#19
n-Nitroso-di-n-propylamine
Concen: 35.059 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 264106

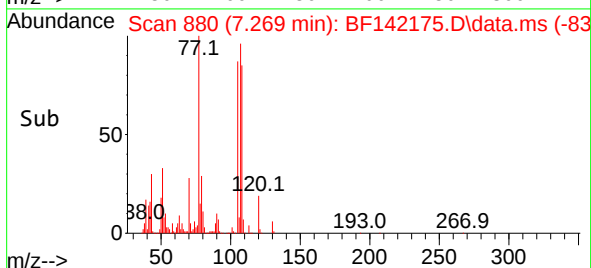
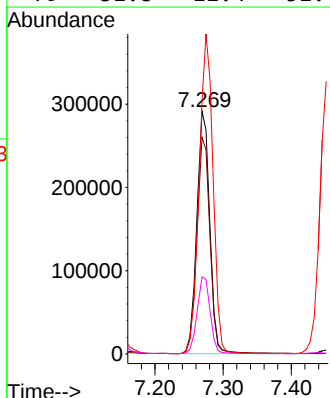
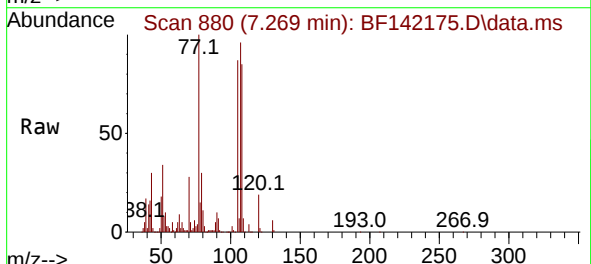
Ion	Ratio	Lower	Upper
70	100		
42	50.2	41.4	62.0
101	10.1	8.2	12.2
130	23.7	18.2	27.4

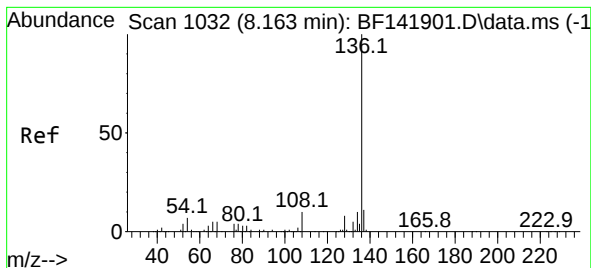


#20
3+4-Methylphenols
Concen: 36.940 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion: 107 Resp: 384200

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.4	108.4
77	104.6	69.7	109.7
79	31.8	11.4	51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 590359

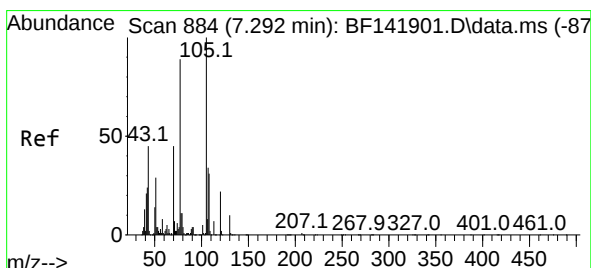
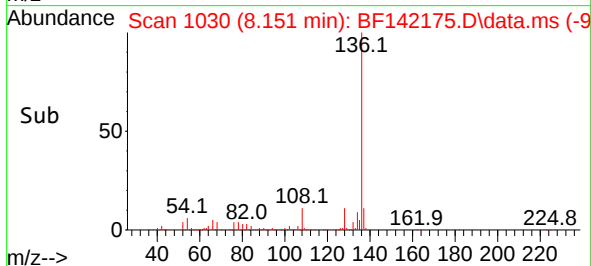
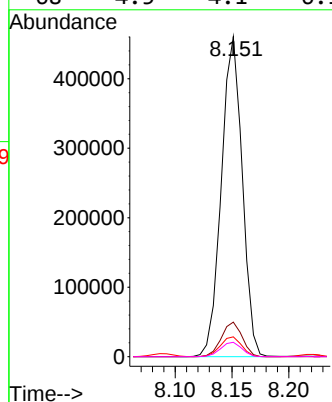
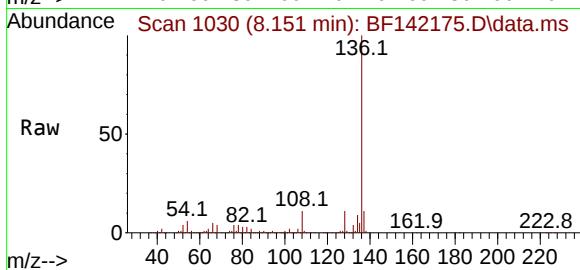
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.2 5.8 8.8

68 4.5 4.1 6.1



#22

Acetophenone

Concen: 38.530 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Tgt Ion:105 Resp: 544720

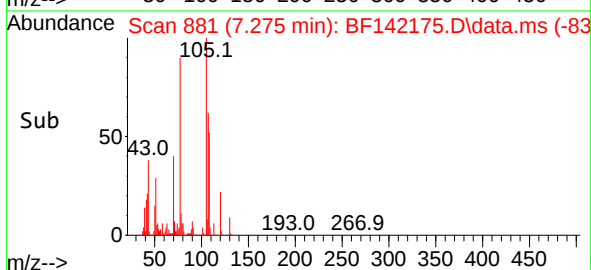
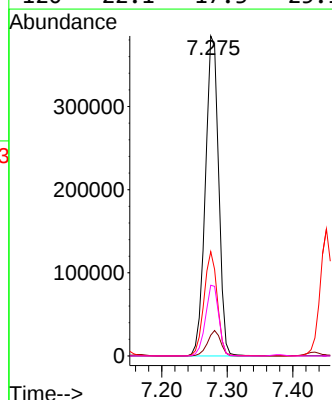
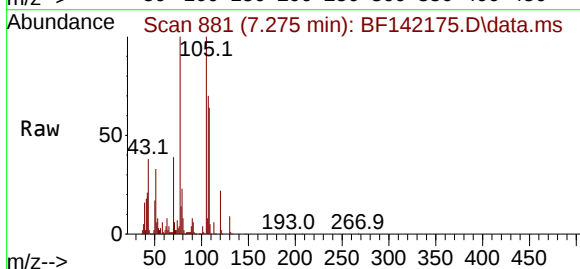
Ion Ratio Lower Upper

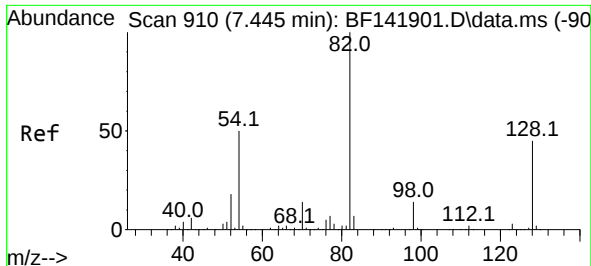
105 100

71 6.5 5.8 8.8

51 32.6 23.4 35.0

120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 78.569 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

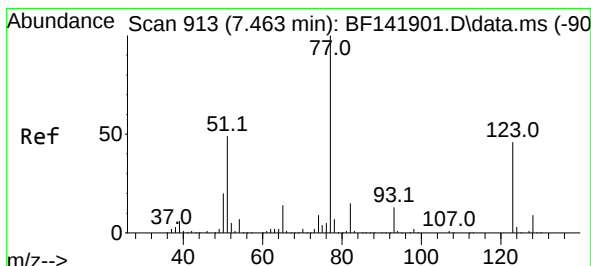
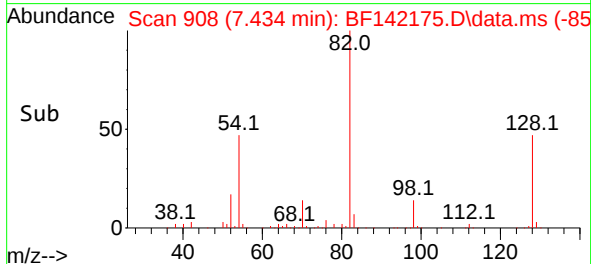
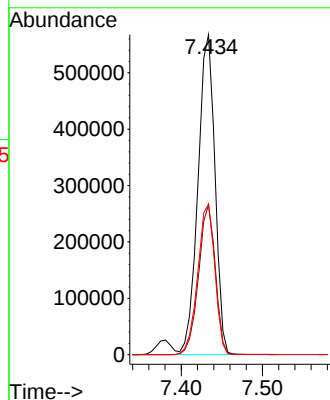
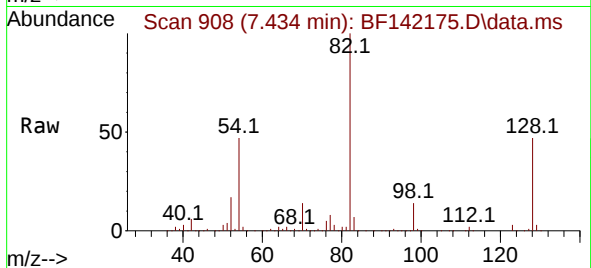
Tgt Ion: 82 Resp: 824222

Ion Ratio Lower Upper

82 100

128 46.8 36.0 54.0

54 47.1 39.6 59.4



#24

Nitrobenzene

Concen: 39.130 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

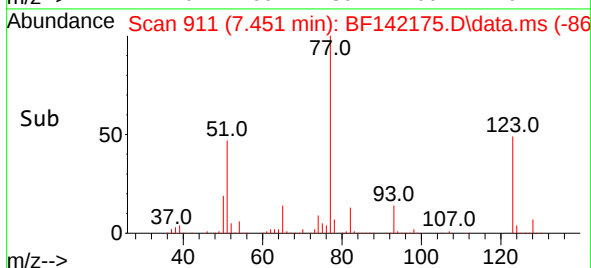
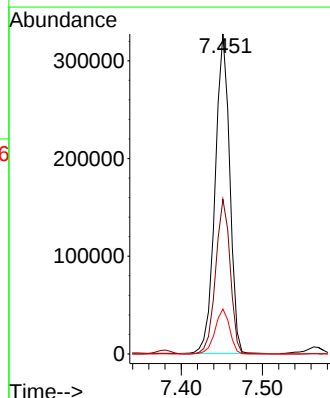
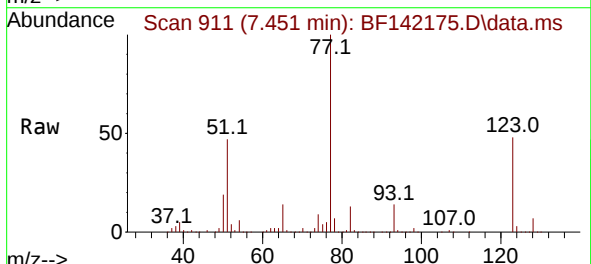
Tgt Ion: 77 Resp: 408076

Ion Ratio Lower Upper

77 100

123 48.4 37.0 55.4

65 14.0 11.3 16.9

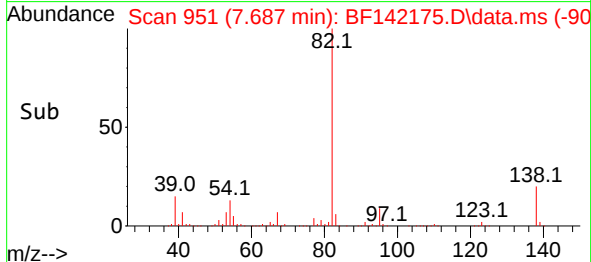
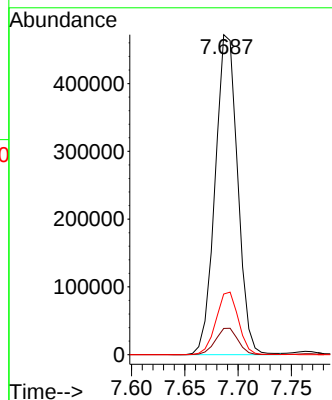
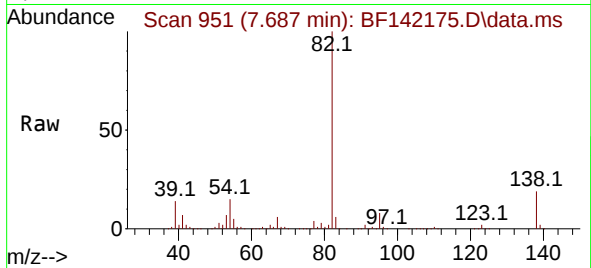




#25
Isophorone
Concen: 37.373 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

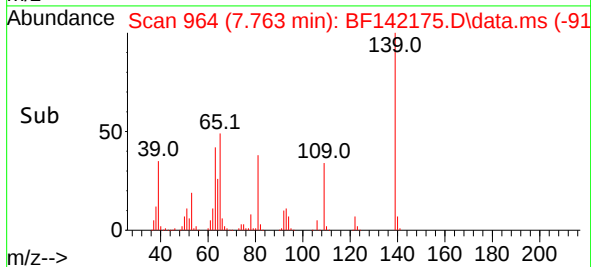
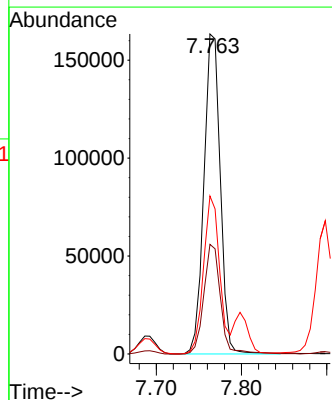
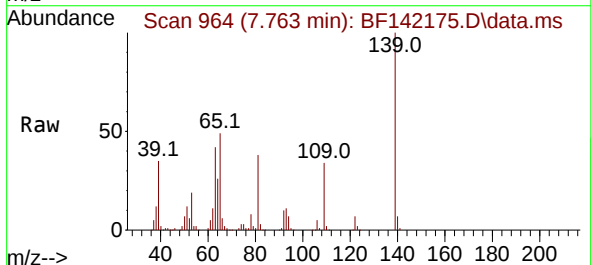
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 693028
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 42.605 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.018 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:139 Resp: 218069
Ion Ratio Lower Upper
139 100
109 34.2 26.5 39.7
65 49.3 40.3 60.5

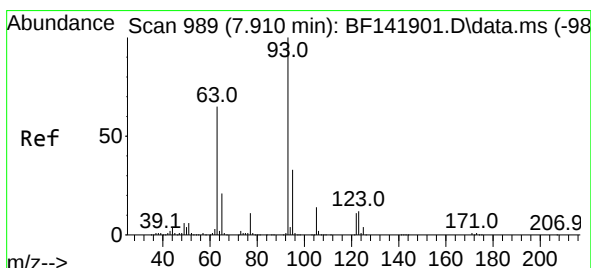
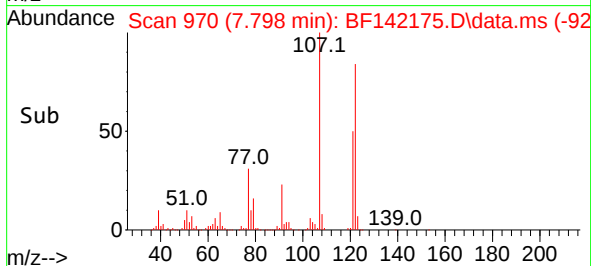
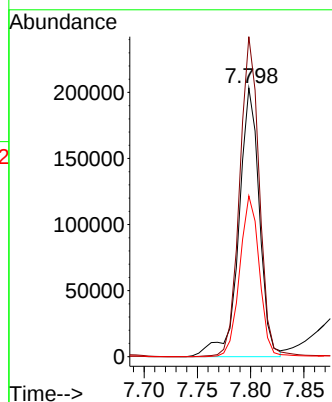
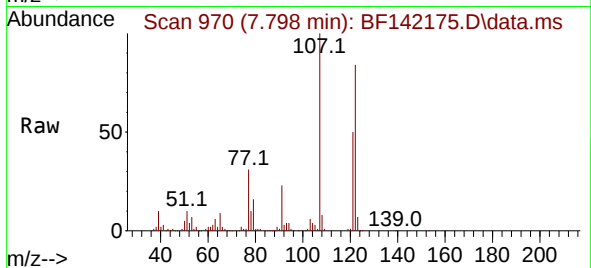




#27
2,4-Dimethylphenol
Concen: 38.804 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

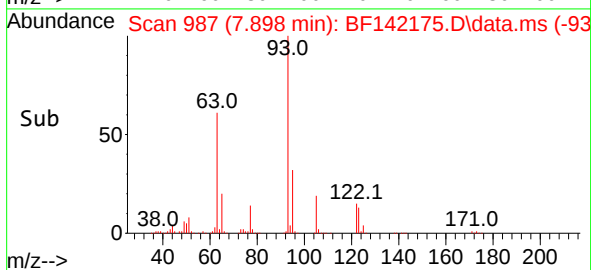
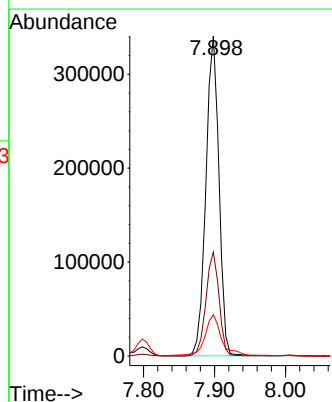
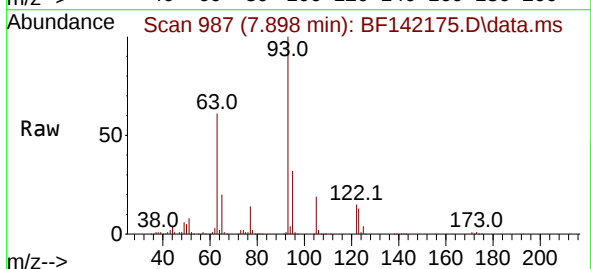
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 273488
Ion Ratio Lower Upper
122 100
107 119.1 94.8 142.2
121 59.9 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.500 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion: 93 Resp: 436149
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 40.739 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

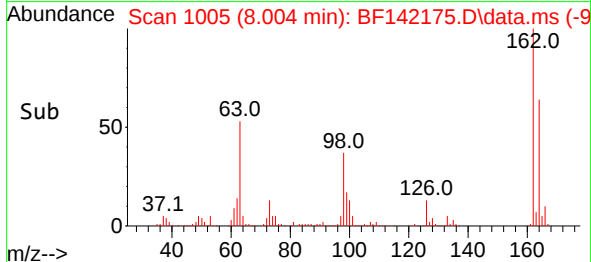
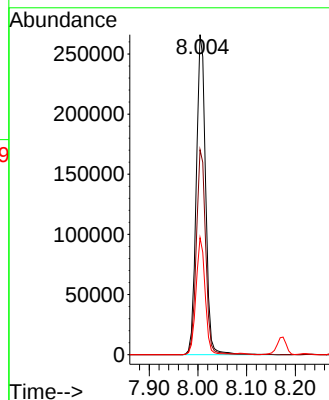
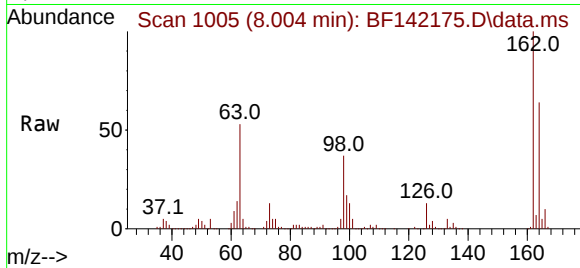
Tgt Ion:162 Resp: 356384

Ion Ratio Lower Upper

162 100

164 64.0 43.8 83.8

98 36.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 41.132 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

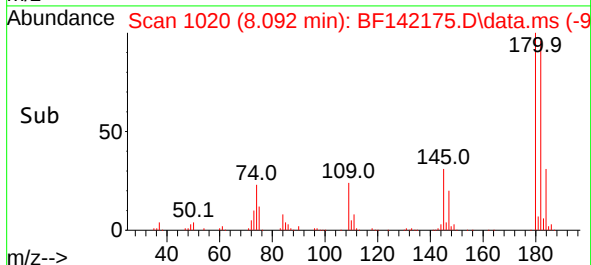
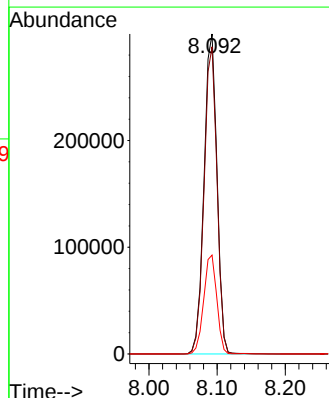
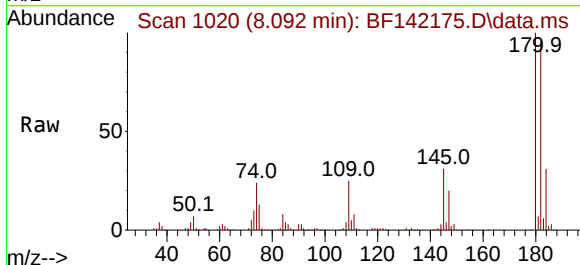
Tgt Ion:180 Resp: 396543

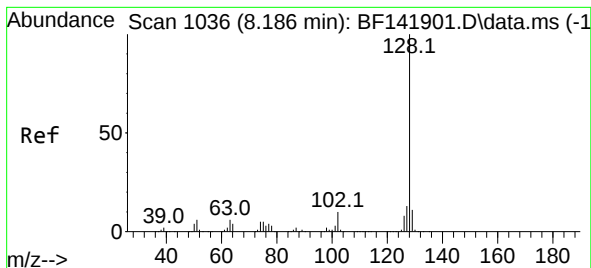
Ion Ratio Lower Upper

180 100

182 96.0 77.5 116.3

145 30.9 25.8 38.6





#31

Naphthalene

Concen: 39.479 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

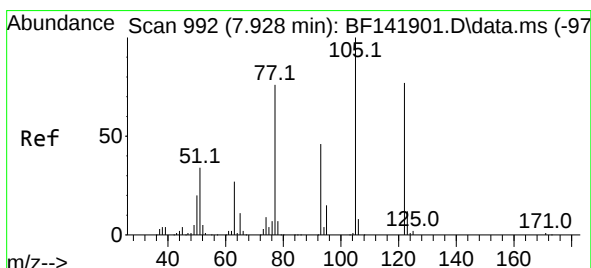
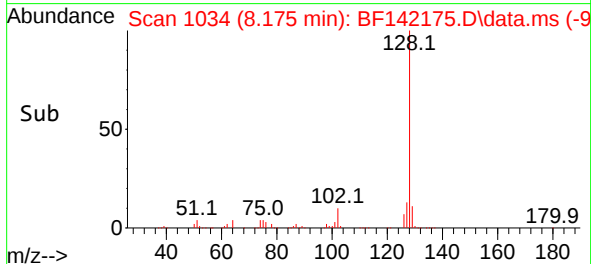
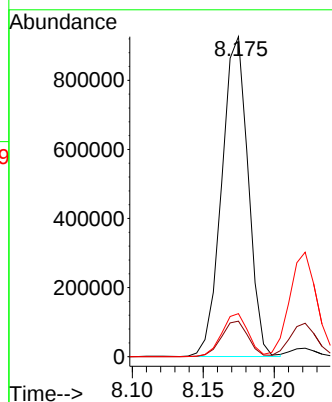
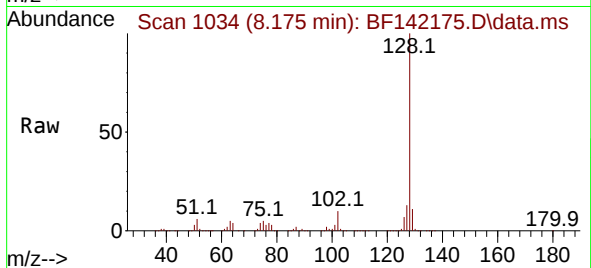
Tgt Ion:128 Resp: 1197246

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 43.457 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

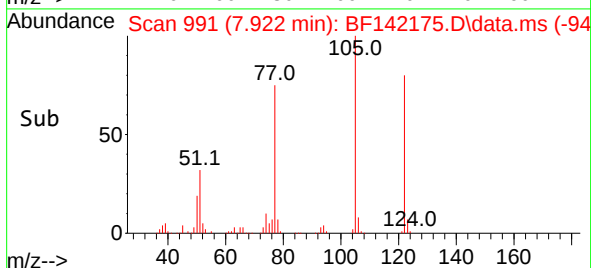
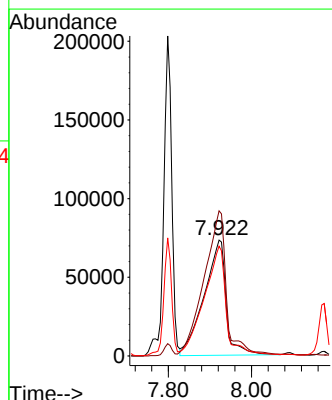
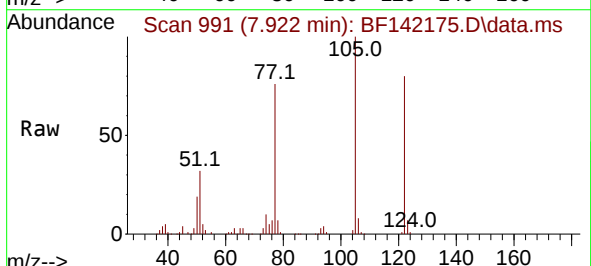
Tgt Ion:122 Resp: 269230

Ion Ratio Lower Upper

122 100

105 125.2 107.9 147.9

77 94.8 79.0 119.0

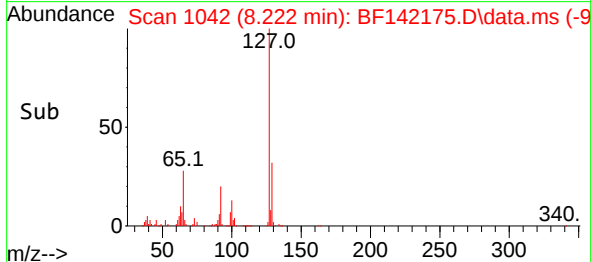
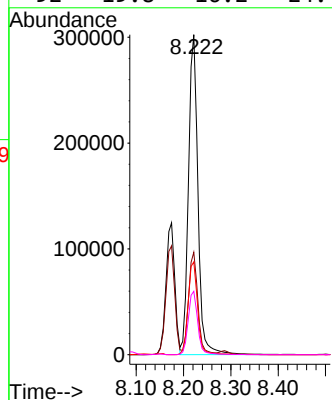
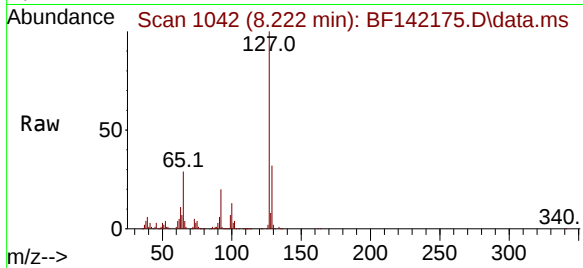




#33
4-Chloroaniline
Concen: 39.211 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

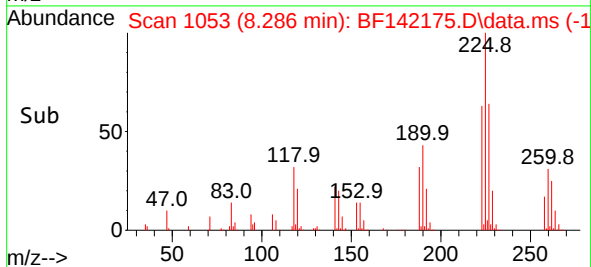
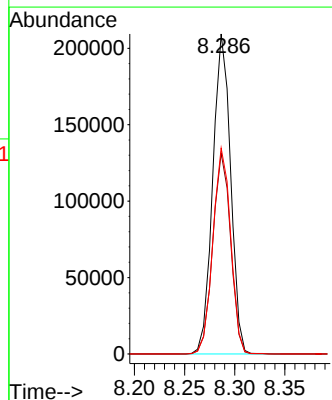
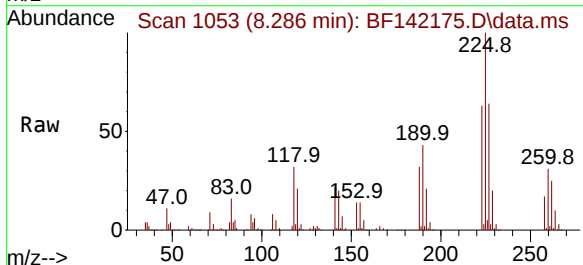
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

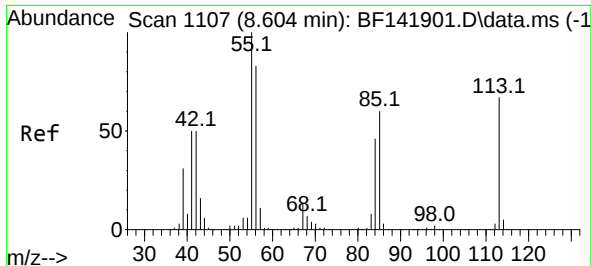
Tgt Ion:	127	Resp:	419768
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	29.0	25.4	38.2
92	19.8	16.2	24.4



#34
Hexachlorobutadiene
Concen: 41.154 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.018 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:	225	Resp:	258743
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	64.4	52.2	78.2

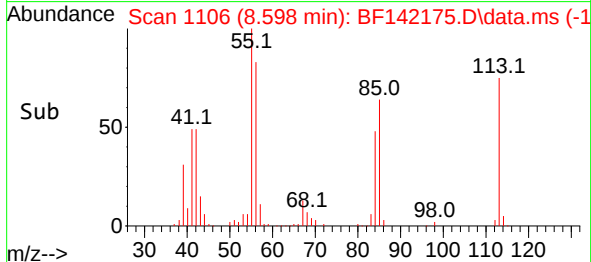
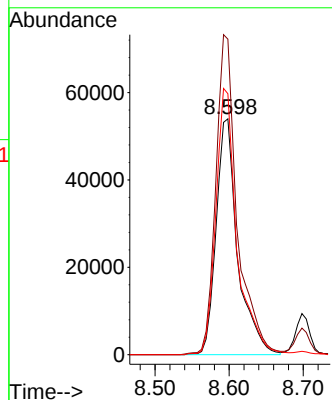
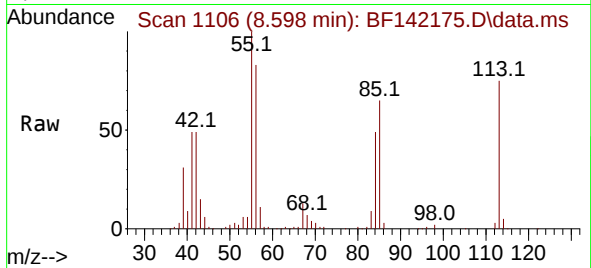




#35
 Caprolactam
 Concen: 40.767 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF142175.D
 Acq: 31 Mar 2025 12:22

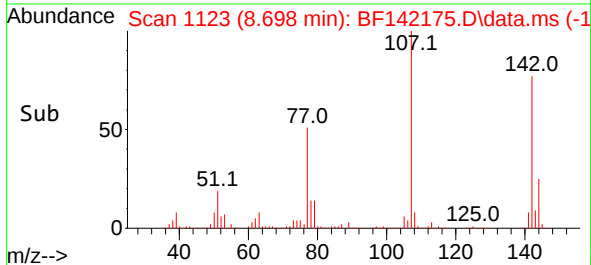
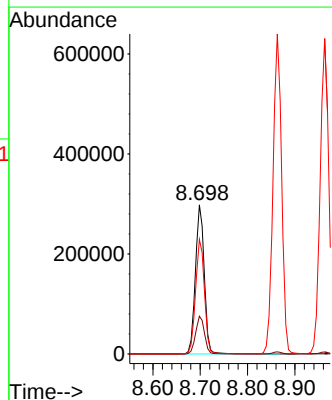
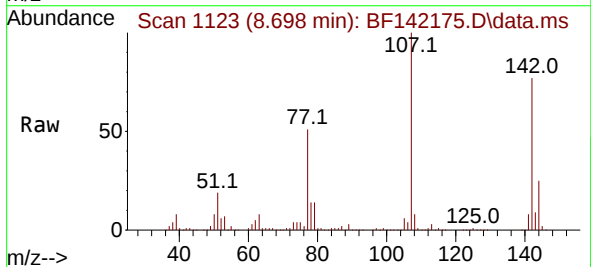
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

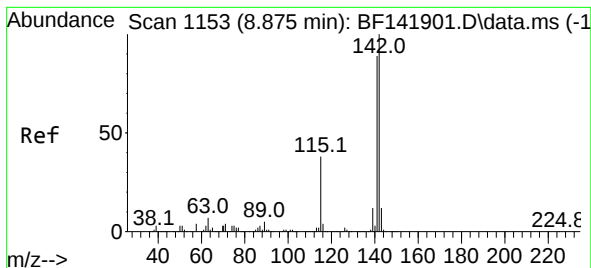
Tgt Ion:113 Resp: 108728
 Ion Ratio Lower Upper
 113 100
 55 133.8 129.6 169.6
 56 110.7 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.734 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF142175.D
 Acq: 31 Mar 2025 12:22

Tgt Ion:107 Resp: 387742
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.6
 142 76.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 39.887 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

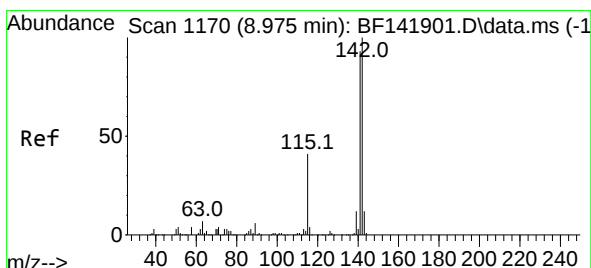
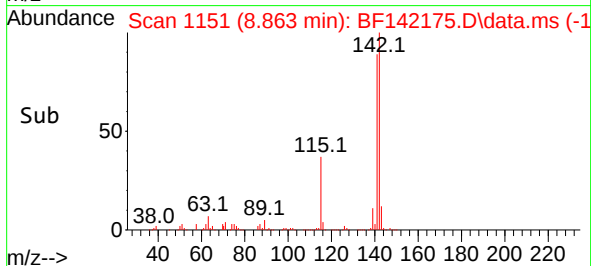
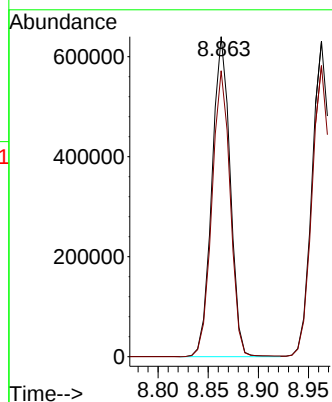
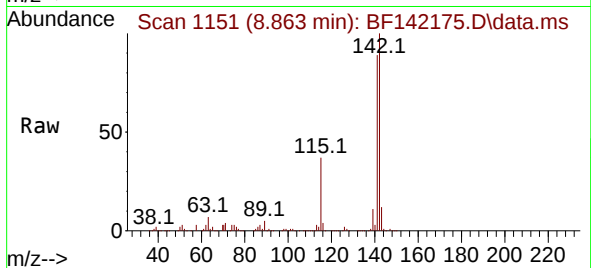
SSTDCCC040

Tgt Ion:142 Resp: 808508

Ion Ratio Lower Upper

142 100

141 89.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 40.084 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.012 min

Lab File: BF142175.D

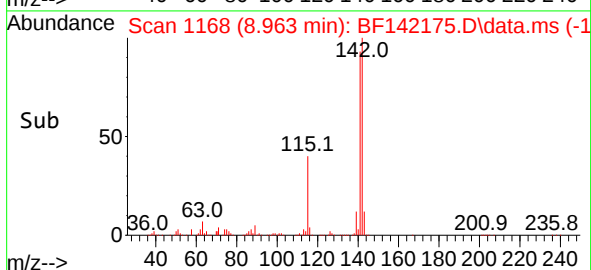
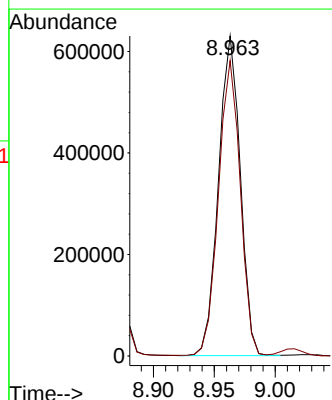
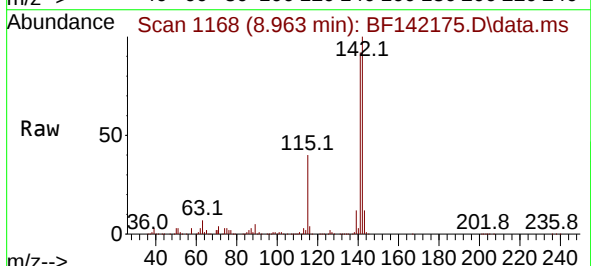
Acq: 31 Mar 2025 12:22

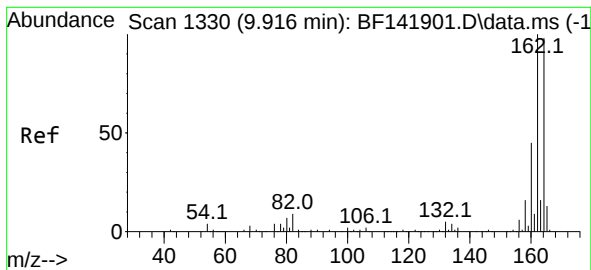
Tgt Ion:142 Resp: 784063

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

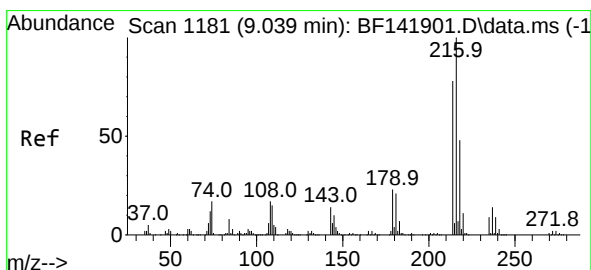
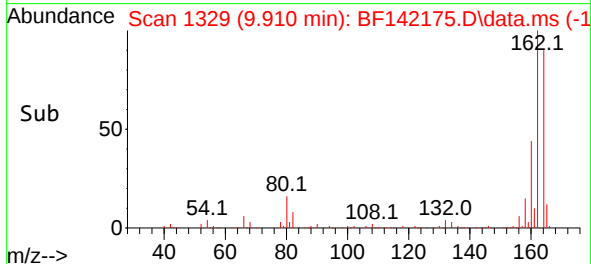
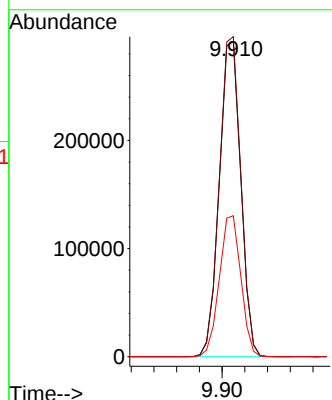
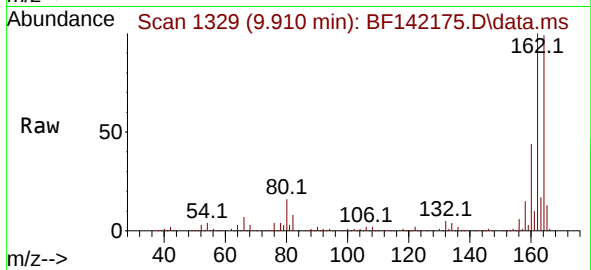
Tgt Ion:164 Resp: 382940

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 44.7 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.601 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Tgt Ion:216 Resp: 426726

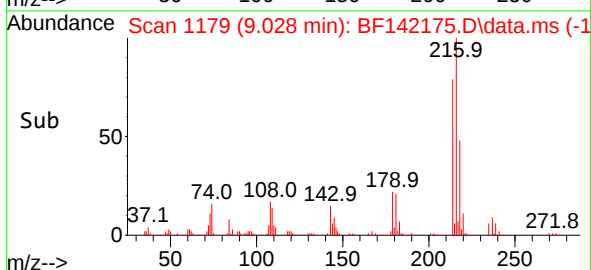
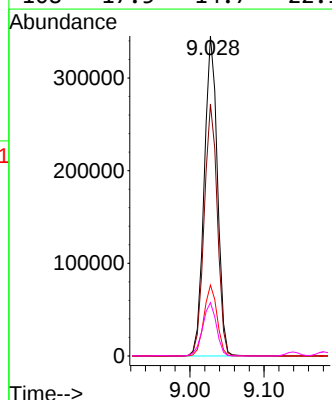
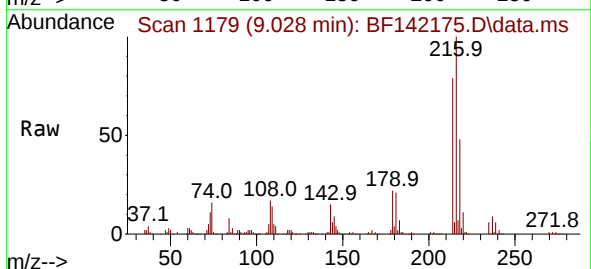
Ion Ratio Lower Upper

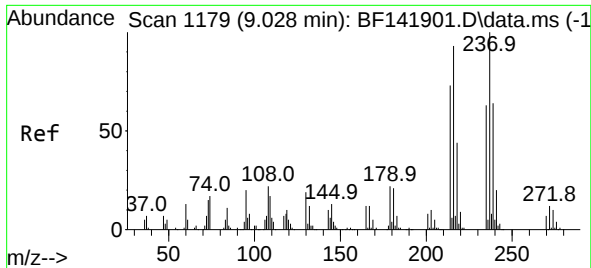
216 100

214 78.7 61.9 92.9

179 22.0 18.1 27.1

108 17.5 14.7 22.1

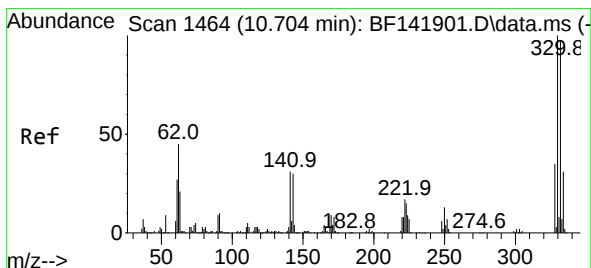
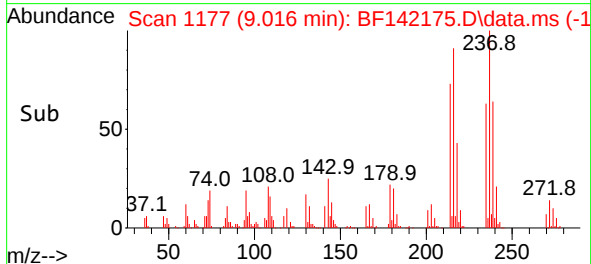
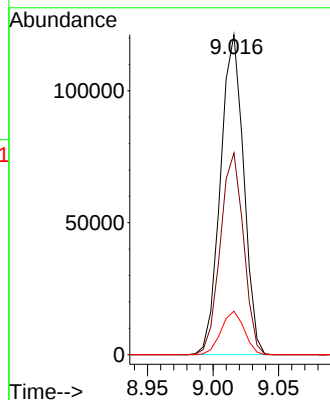
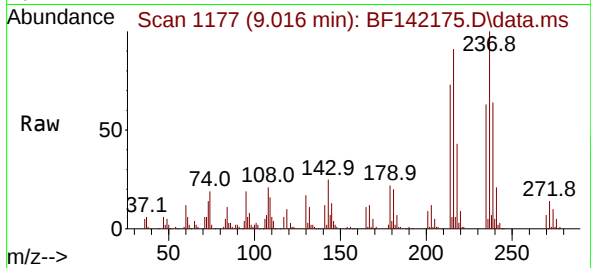




#41
Hexachlorocyclopentadiene
Concen: 32.662 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

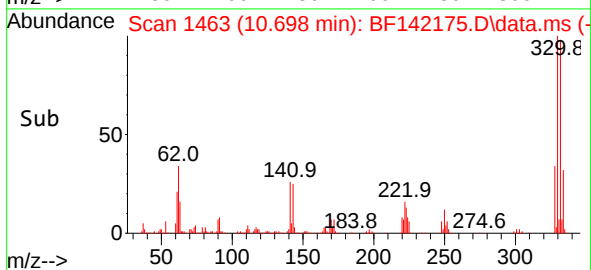
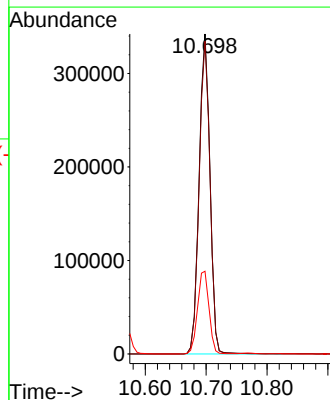
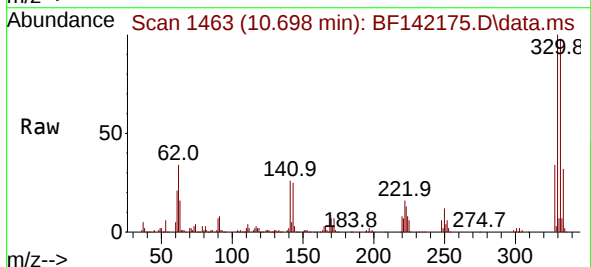
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 149031
Ion Ratio Lower Upper
237 100
235 63.0 43.1 83.1
272 13.6 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 87.312 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:330 Resp: 424168
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 27.4 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 35.144 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

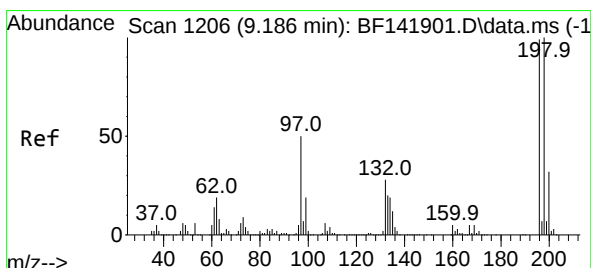
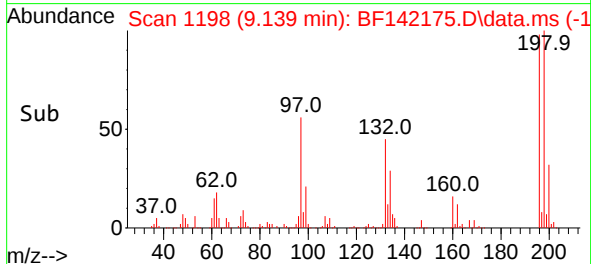
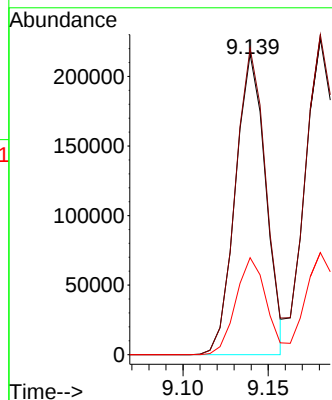
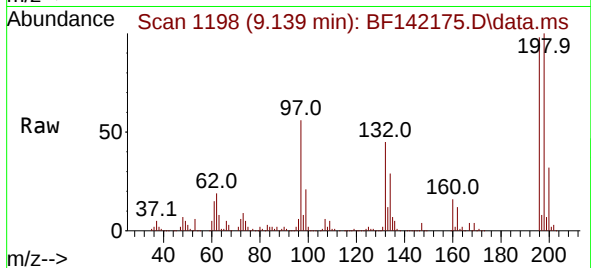
Tgt Ion:196 Resp: 267782

Ion Ratio Lower Upper

196 100

198 102.0 80.6 121.0

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.178 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Tgt Ion:196 Resp: 294625

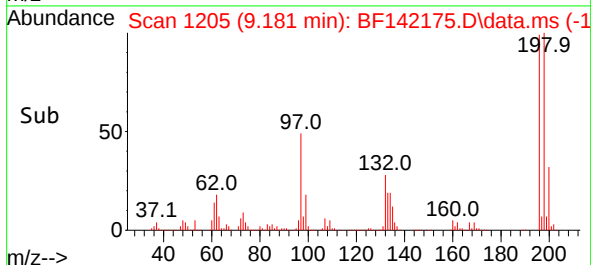
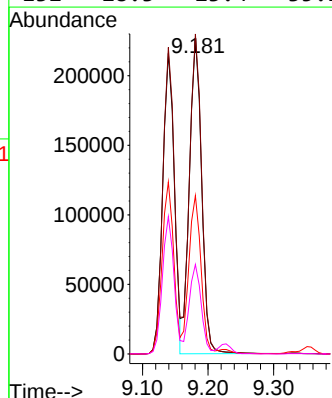
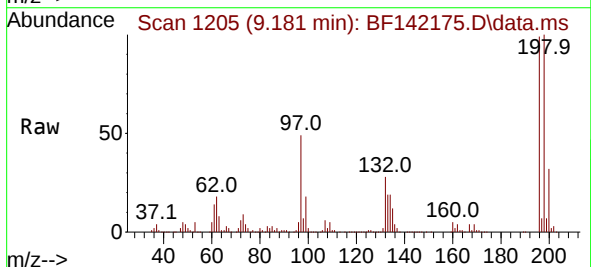
Ion Ratio Lower Upper

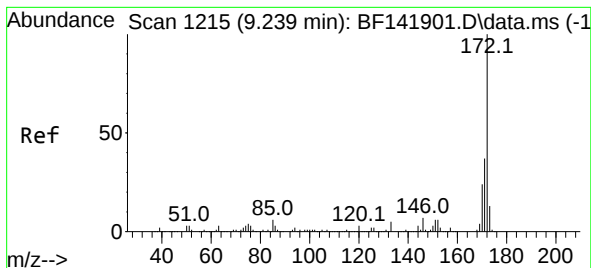
196 100

198 101.2 80.7 121.1

97 50.1 42.1 63.1

132 28.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 71.051 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

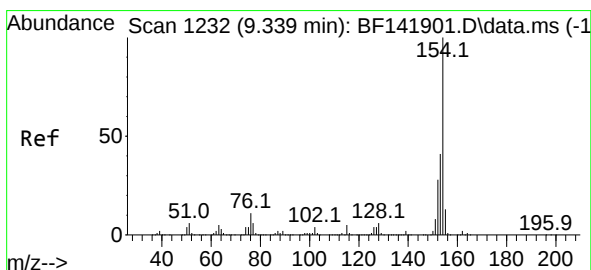
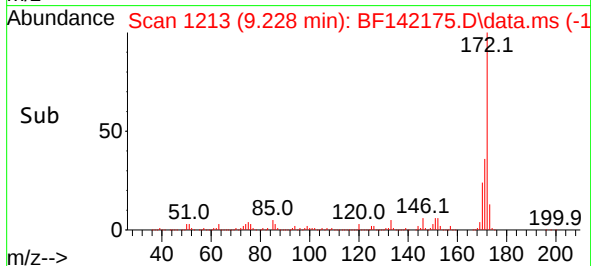
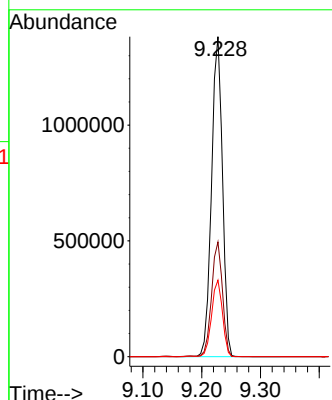
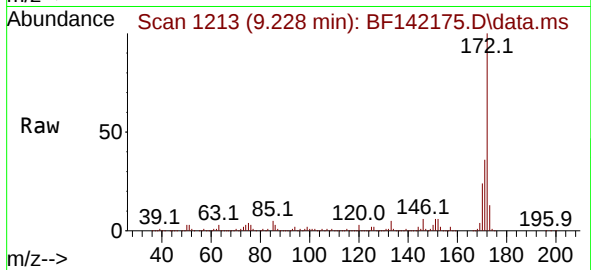
Tgt Ion:172 Resp: 1789068

Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 35.393 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

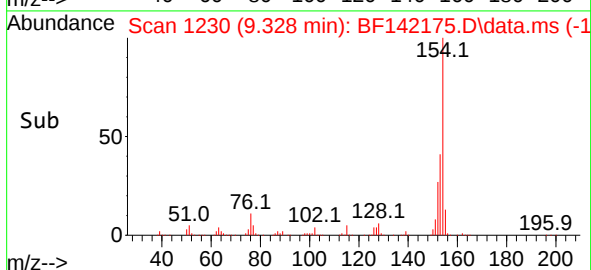
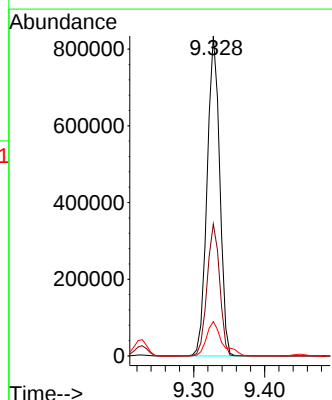
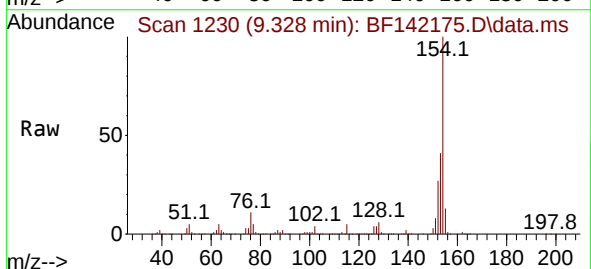
Tgt Ion:154 Resp: 1029821

Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

76 10.7 0.0 31.3

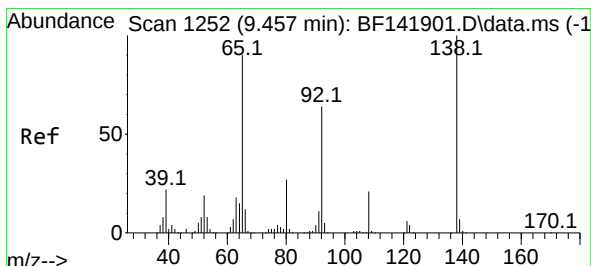
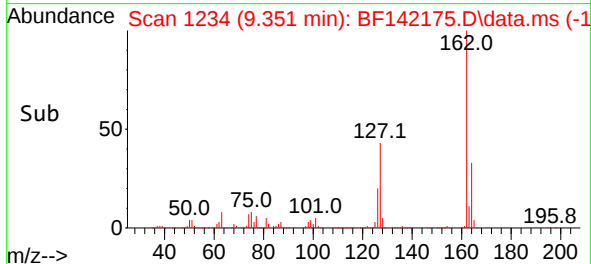
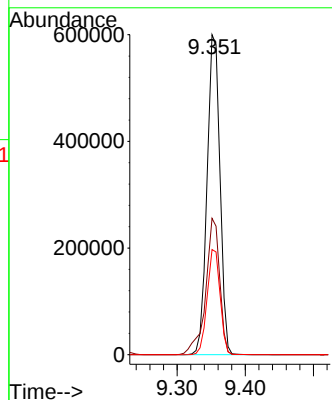
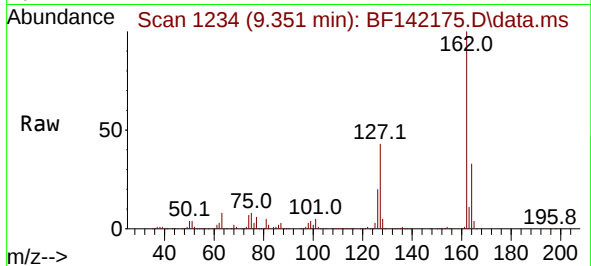




#47
2-Chloronaphthalene
Concen: 36.389 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

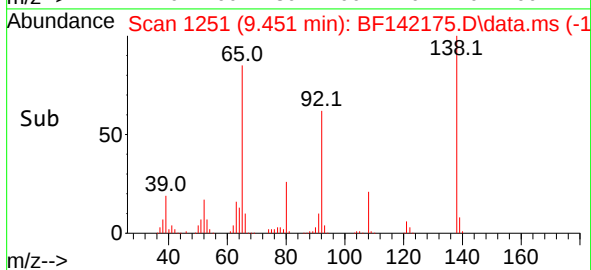
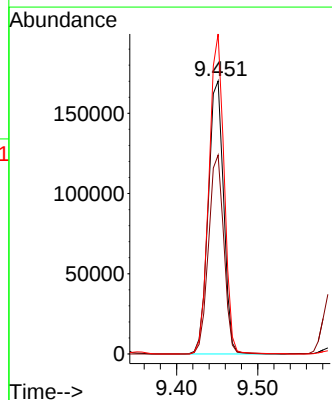
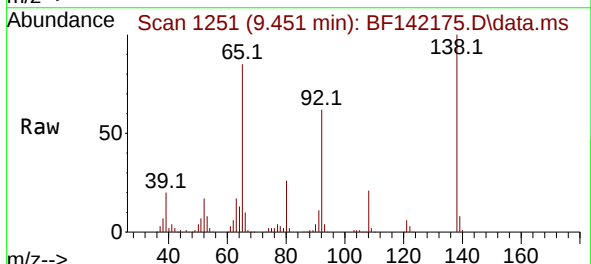
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

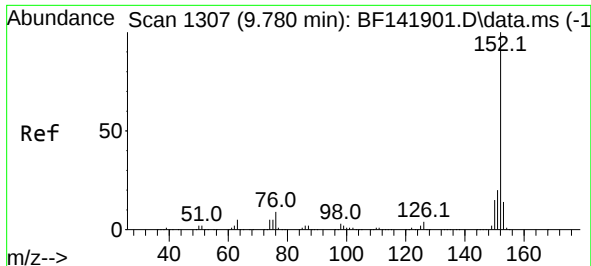
Tgt Ion:162 Resp: 789161
Ion Ratio Lower Upper
162 100
127 42.6 35.5 53.3
164 32.8 26.6 40.0



#48
2-Nitroaniline
Concen: 35.630 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion: 65 Resp: 223730
Ion Ratio Lower Upper
65 100
92 72.8 56.6 84.8
138 117.2 88.6 133.0





#49

Acenaphthylene

Concen: 36.904 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

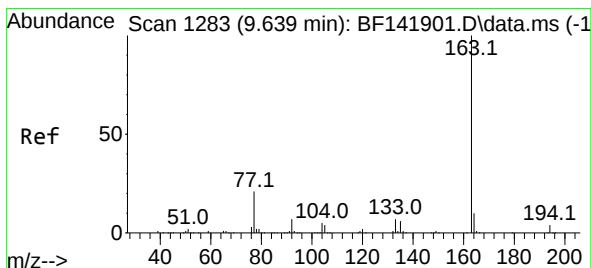
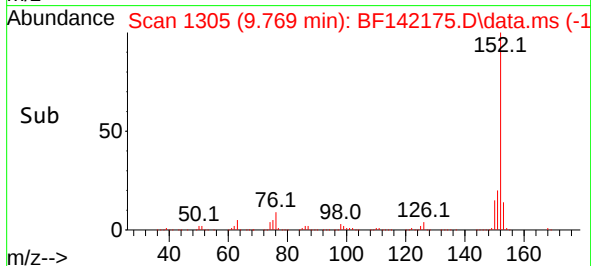
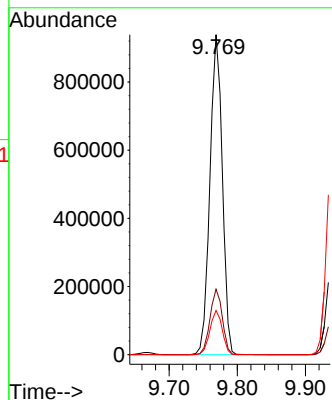
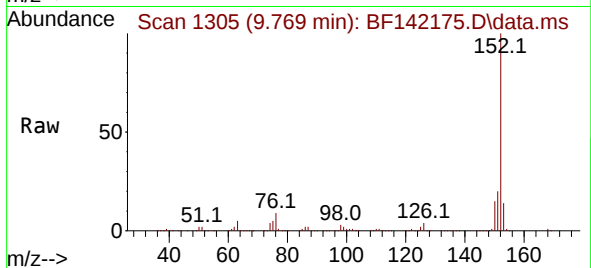
Tgt Ion:152 Resp: 1187671

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 36.659 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

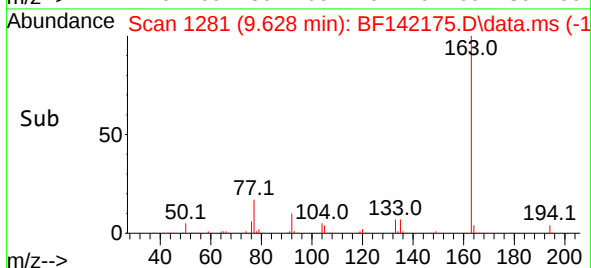
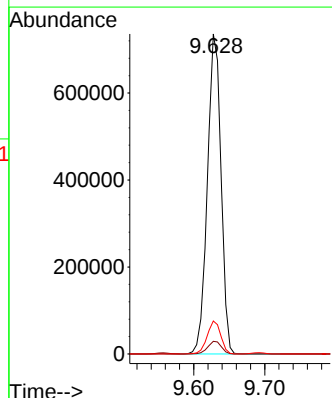
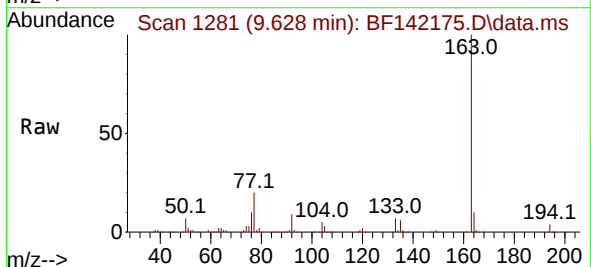
Tgt Ion:163 Resp: 983065

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.2 12.4

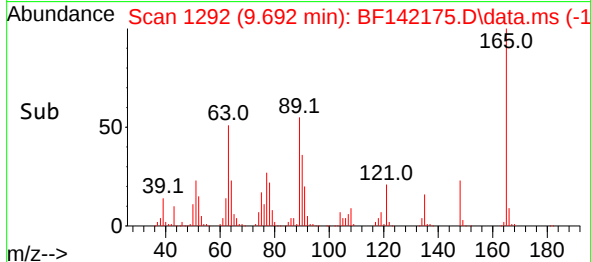
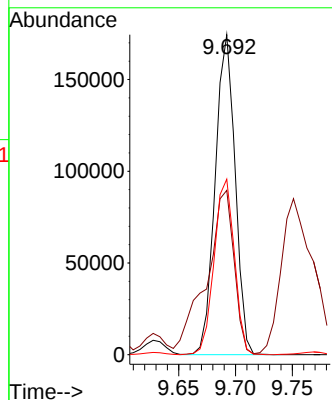
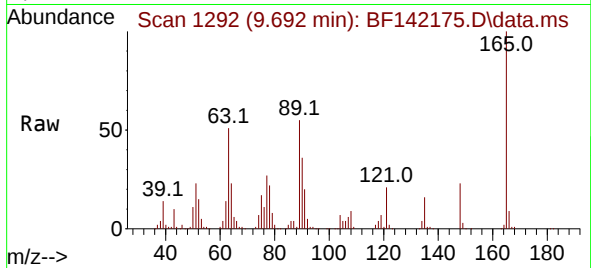




#51
2,6-Dinitrotoluene
Concen: 38.094 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

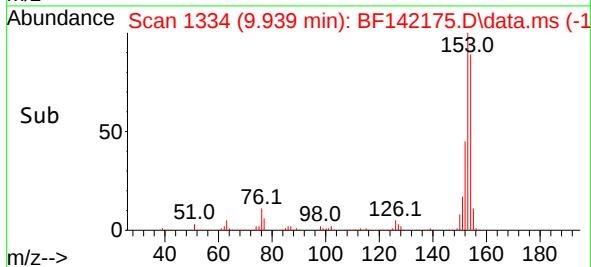
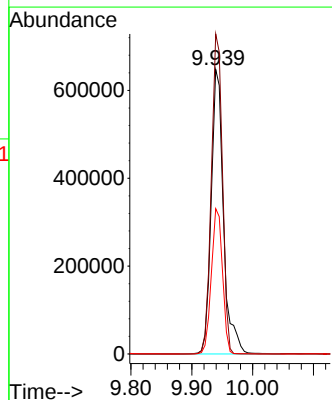
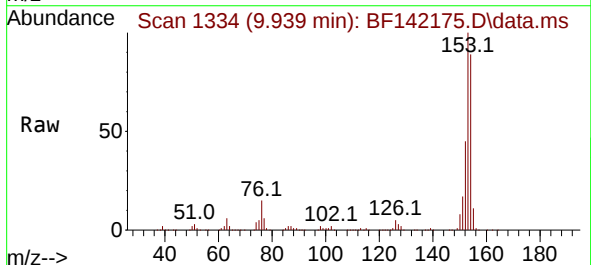
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

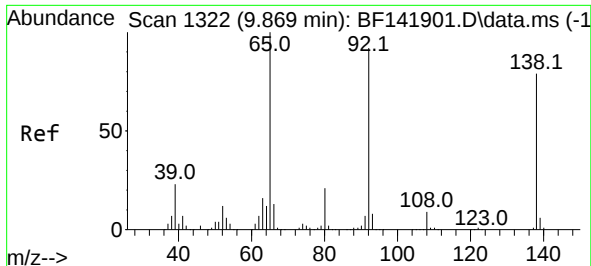
Tgt Ion:165 Resp: 212696
Ion Ratio Lower Upper
165 100
63 51.3 47.0 70.4
89 54.9 47.4 71.2



#52
Acenaphthene
Concen: 40.226 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:154 Resp: 909759
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 51.1 41.1 61.7

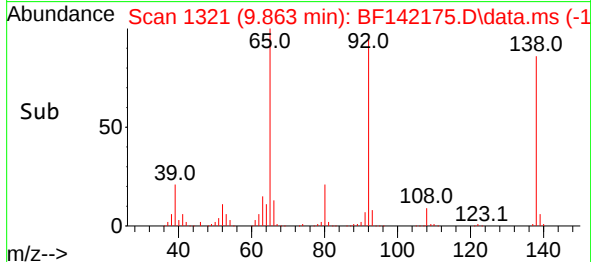
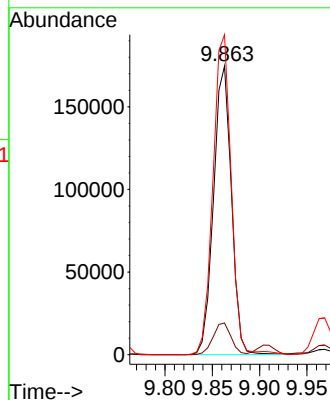
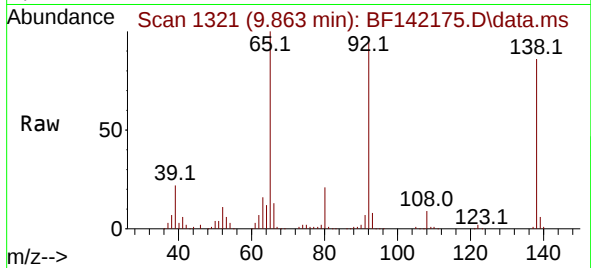




#53
3-Nitroaniline
Concen: 40.552 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

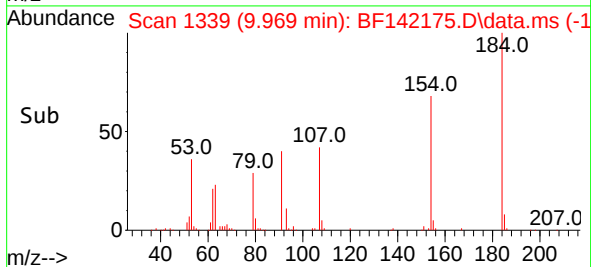
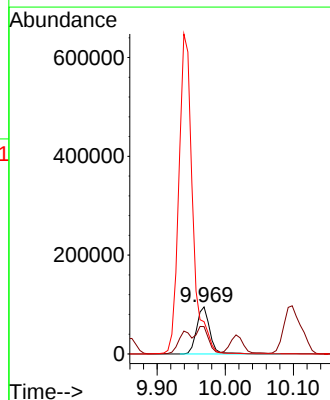
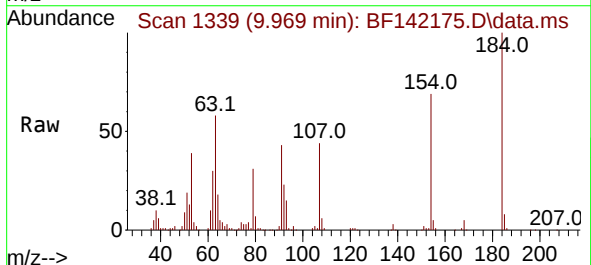
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

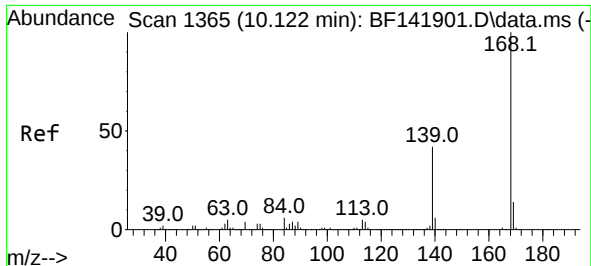
Tgt Ion:138 Resp: 229673
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 110.8 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 43.261 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:184 Resp: 126805
Ion Ratio Lower Upper
184 100
63 58.1 60.2 90.4#
154 68.6 132.9 199.3#

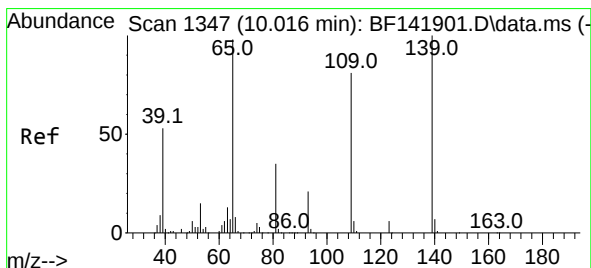
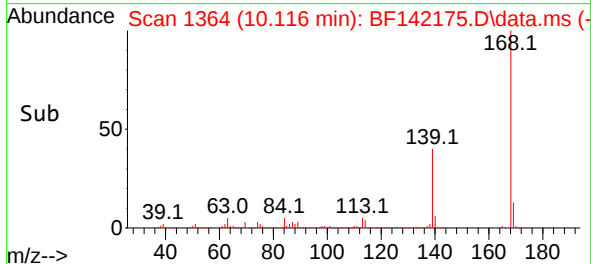
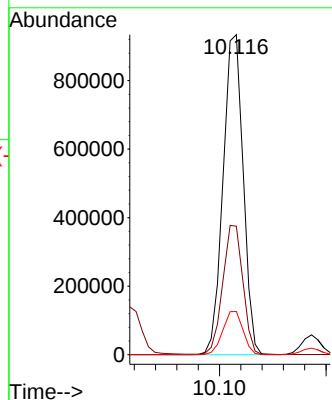
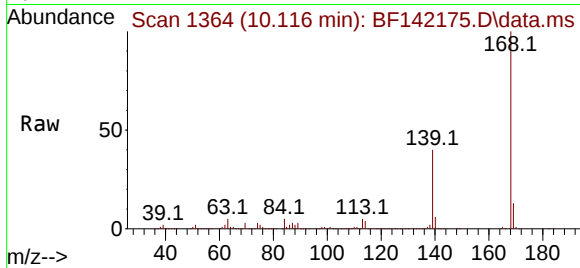




#55
Dibenzofuran
Concen: 37.893 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

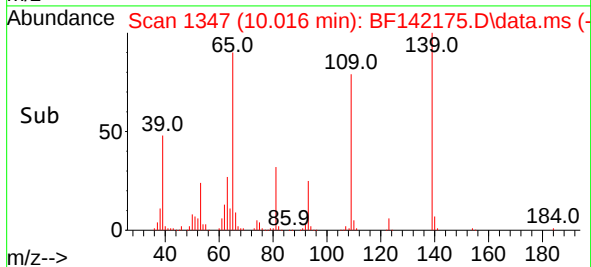
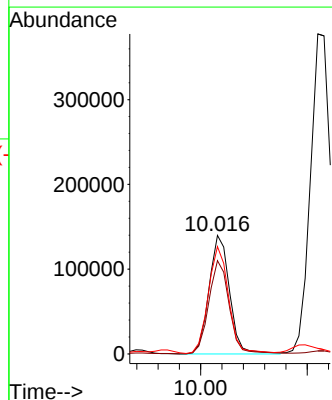
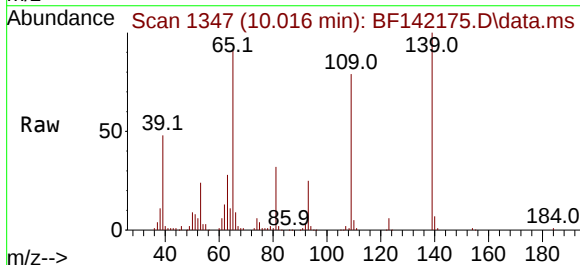
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

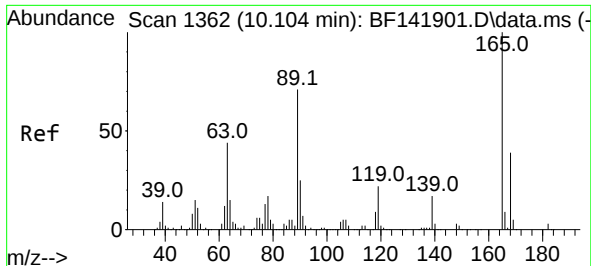
Tgt Ion:168 Resp: 1224573
Ion Ratio Lower Upper
168 100
139 40.2 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 43.898 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:139 Resp: 187493
Ion Ratio Lower Upper
139 100
109 78.7 61.6 101.6
65 90.5 79.4 119.4

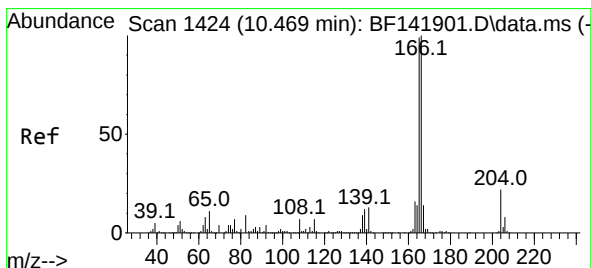
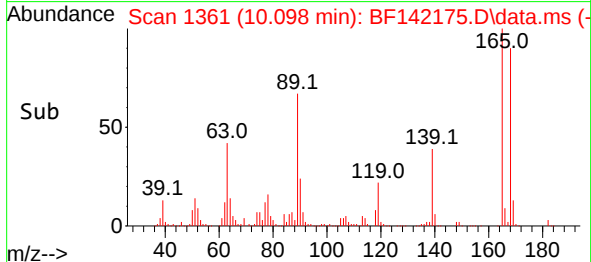
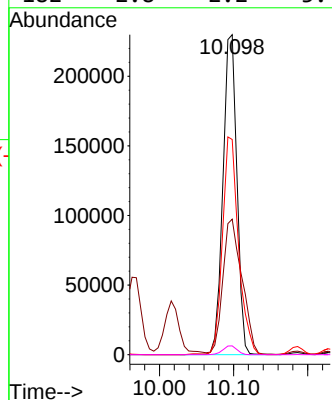
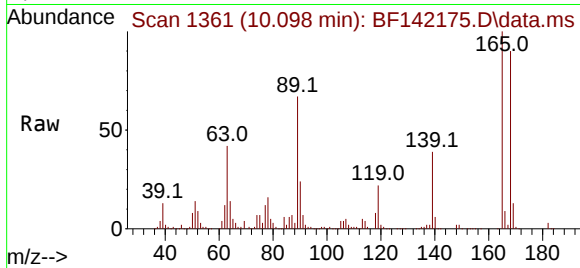




#57
2,4-Dinitrotoluene
Concen: 41.216 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

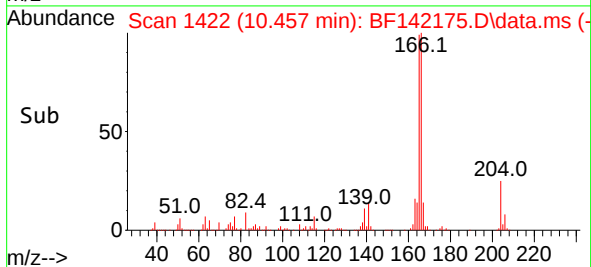
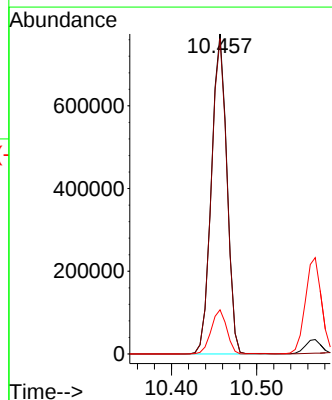
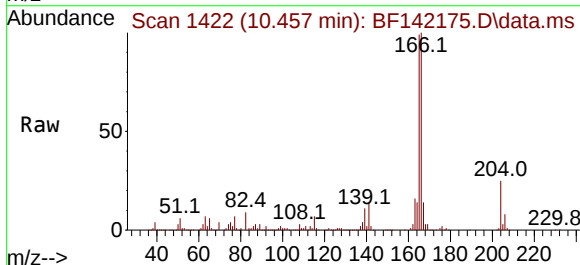
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

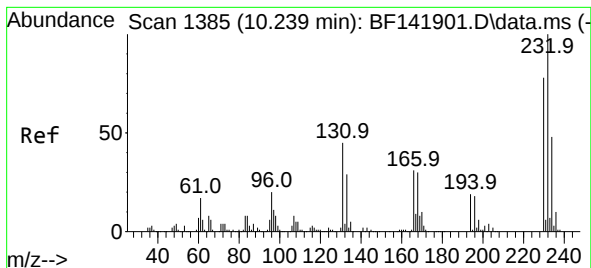
Tgt Ion:165 Resp: 300571
Ion Ratio Lower Upper
165 100
63 42.4 35.4 53.2
89 67.3 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 39.084 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:166 Resp: 974033
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.4
167 13.8 11.0 16.4

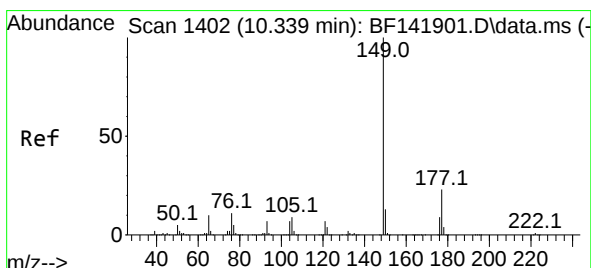
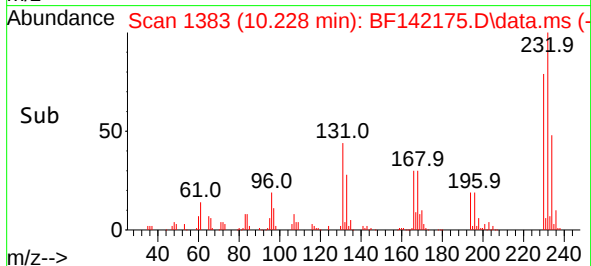
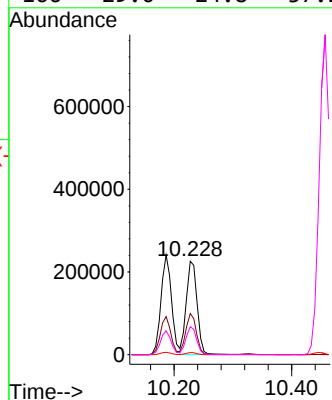
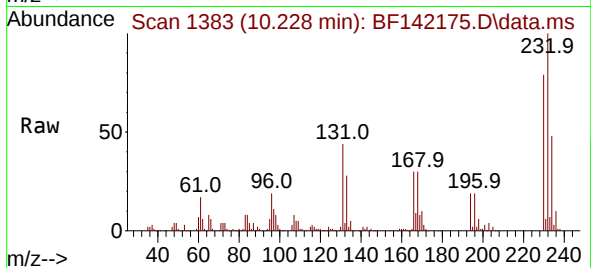




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.279 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

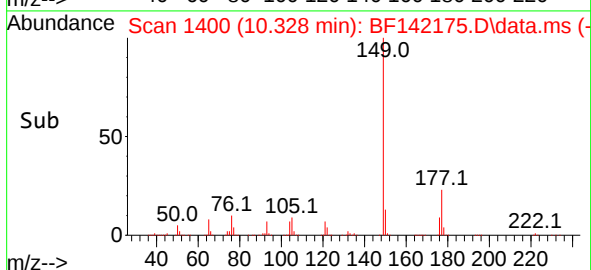
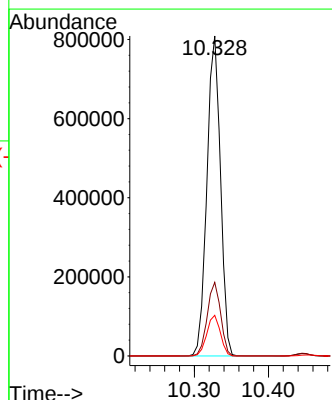
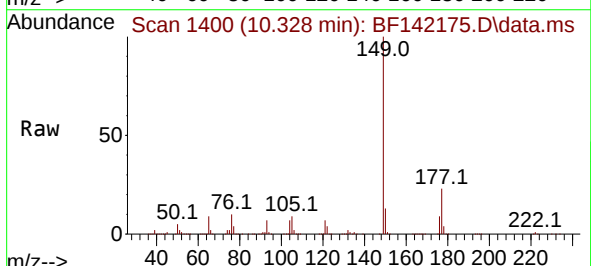
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

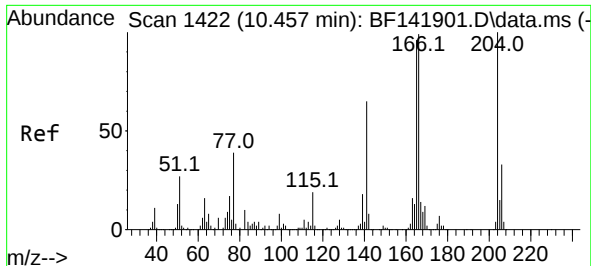
Tgt Ion:232 Resp: 289877
Ion Ratio Lower Upper
232 100
131 43.1 37.3 55.9
130 2.2 1.9 2.9
166 29.0 24.8 37.2



#60
Diethylphthalate
Concen: 38.310 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:149 Resp: 1024395
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.7 10.2 15.4

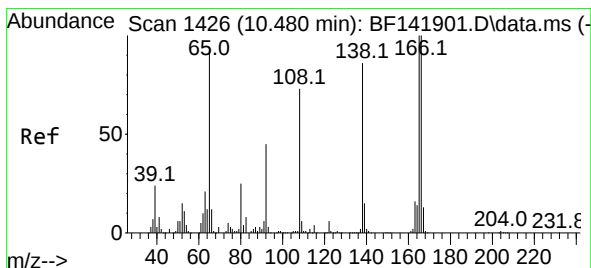
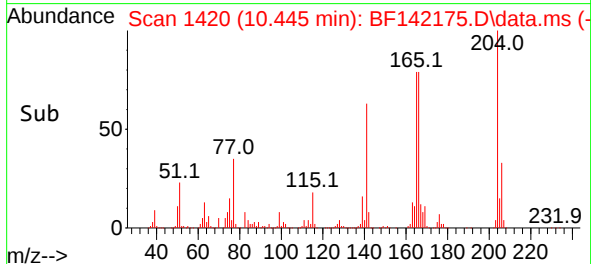
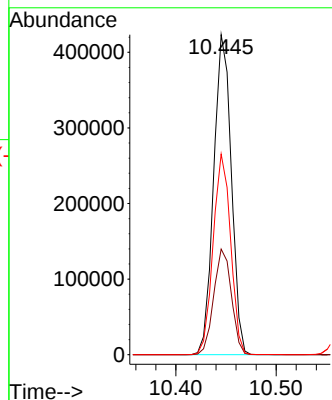
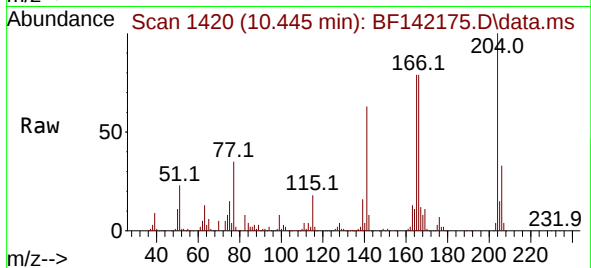




#61
4-Chlorophenyl-phenylether
Concen: 39.842 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

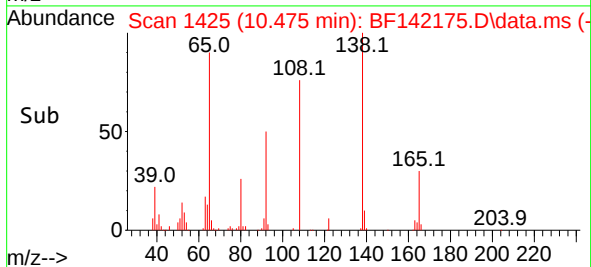
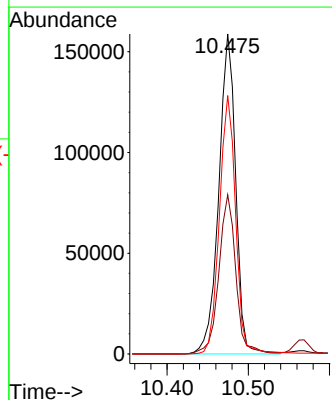
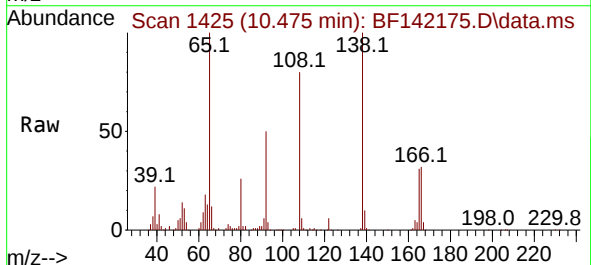
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

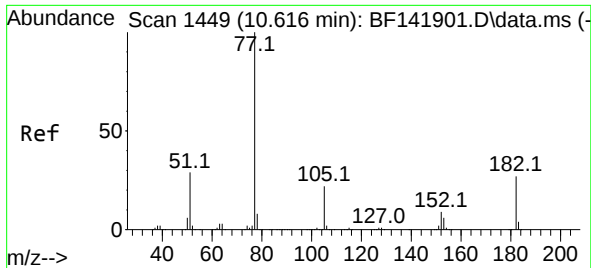
Tgt Ion:204 Resp: 517652
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 62.7 52.4 78.6



#62
4-Nitroaniline
Concen: 41.874 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:138 Resp: 230890
Ion Ratio Lower Upper
138 100
92 49.7 32.6 72.6
108 80.8 65.0 105.0

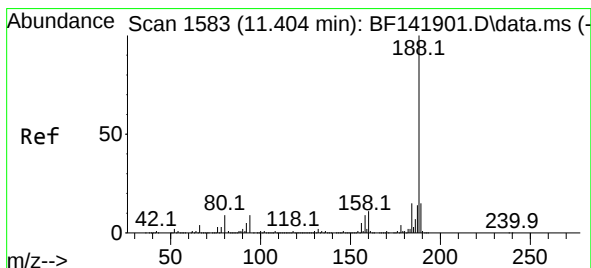
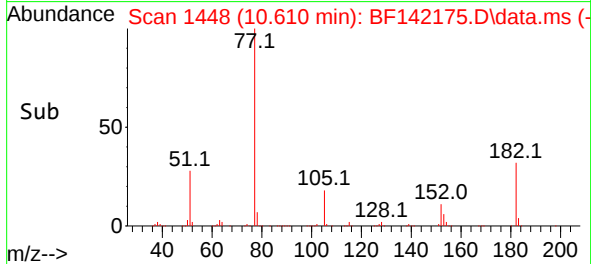
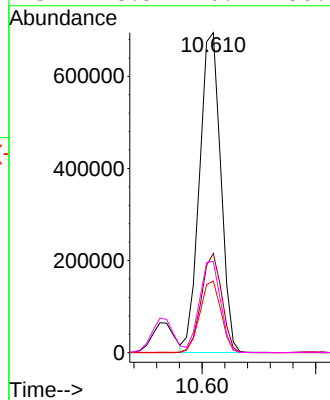
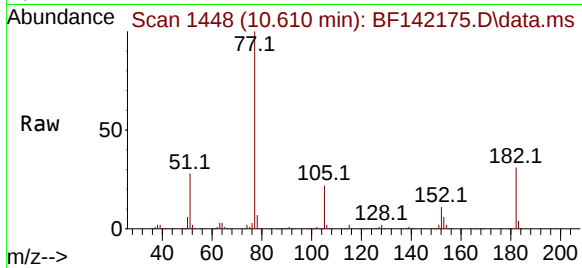




#63
Azobenzene
Concen: 36.260 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

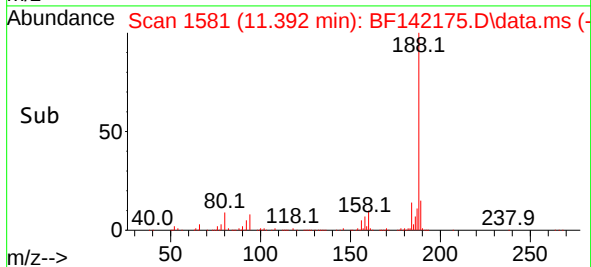
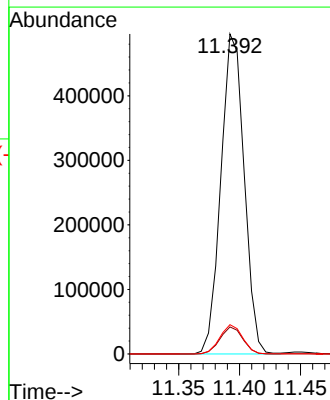
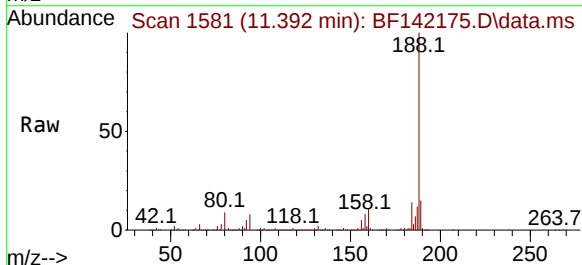
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 901409
Ion Ratio Lower Upper
77 100
182 31.0 6.6 46.6
105 22.4 1.3 41.3
51 28.5 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion: 188 Resp: 658962
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.2 7.6 11.4

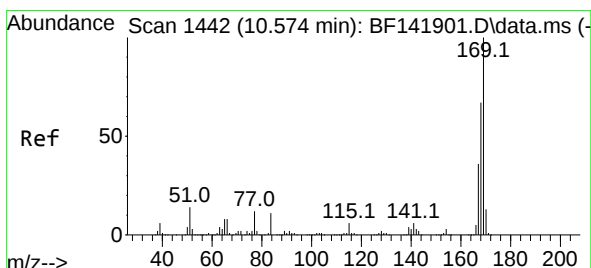
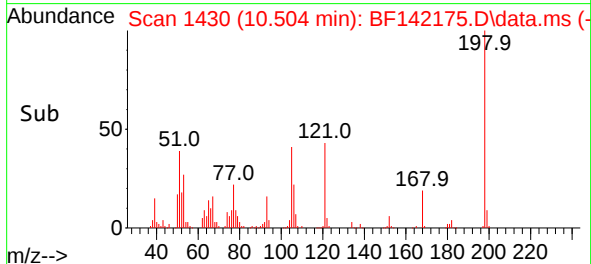
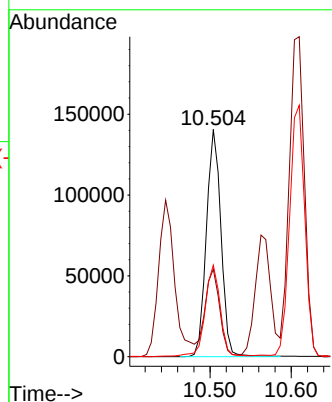
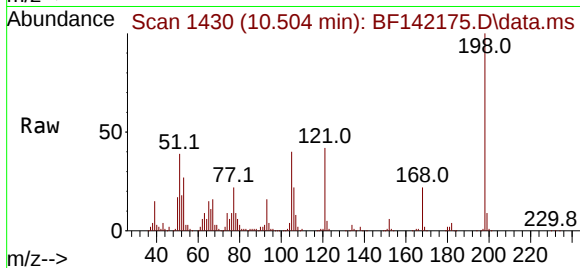




#65
4,6-Dinitro-2-methylphenol
Concen: 44.534 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

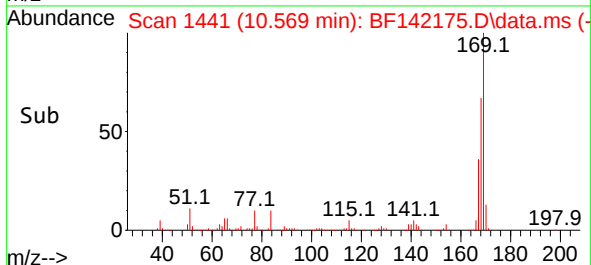
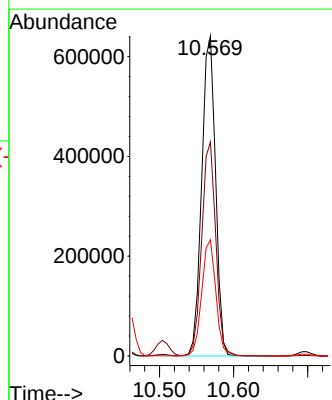
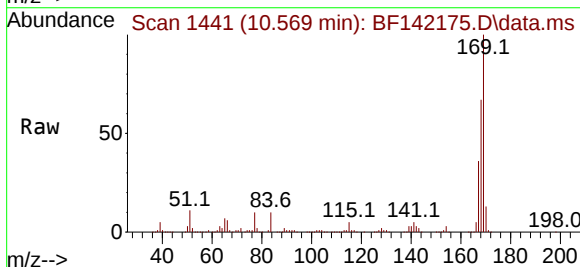
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 174944
Ion Ratio Lower Upper
198 100
51 38.5 22.3 62.3
105 40.3 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.899 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:169 Resp: 829498
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8

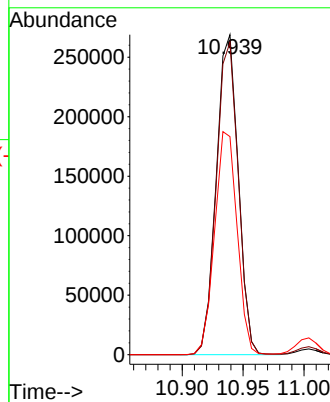
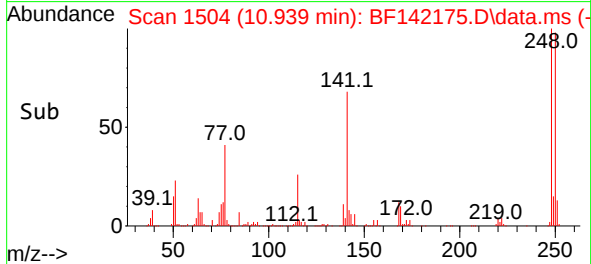
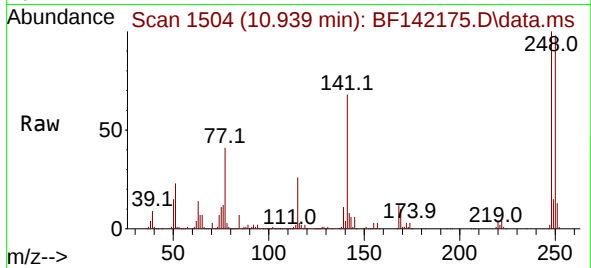




#67
4-Bromophenyl-phenylether
Concen: 40.962 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

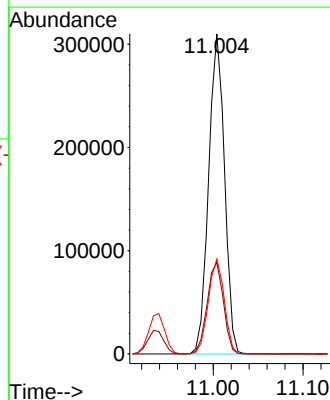
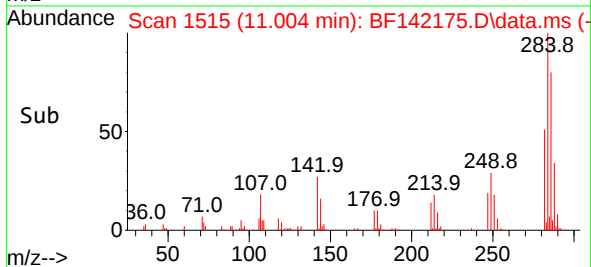
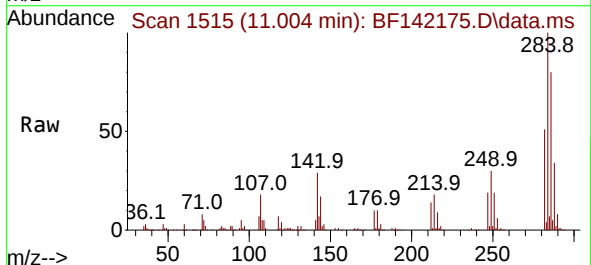
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 338991
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.8
141 68.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 41.994 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:284 Resp: 381167
Ion Ratio Lower Upper
284 100
142 28.6 27.0 40.6
249 29.7 25.2 37.8





#69

Atrazine

Concen: 38.789 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

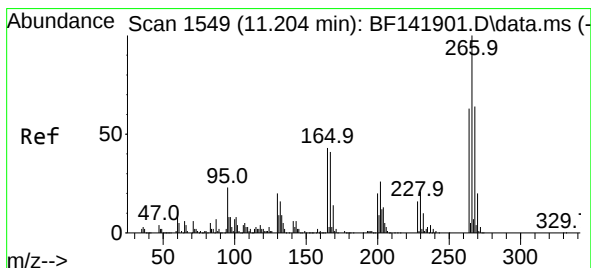
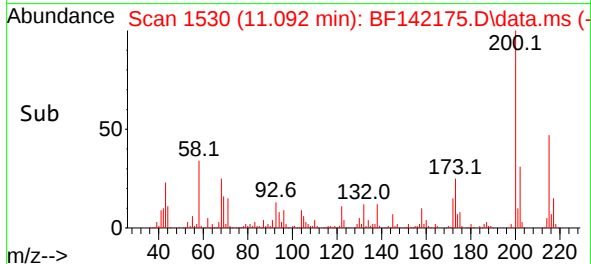
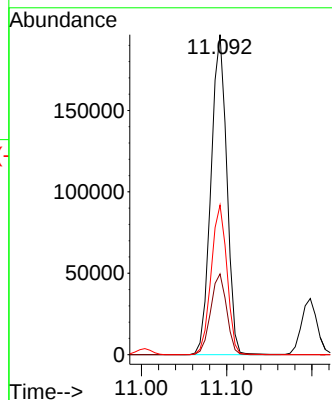
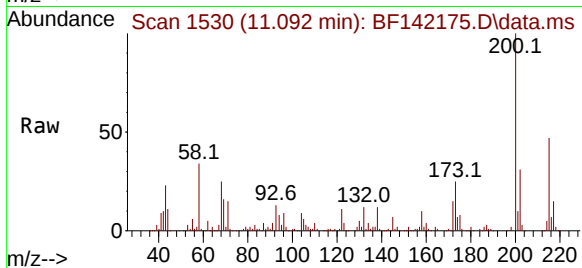
Tgt Ion:200 Resp: 253570

Ion Ratio Lower Upper

200 100

173 25.2 4.7 44.7

215 46.7 25.4 65.4



#70

Pentachlorophenol

Concen: 42.367 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

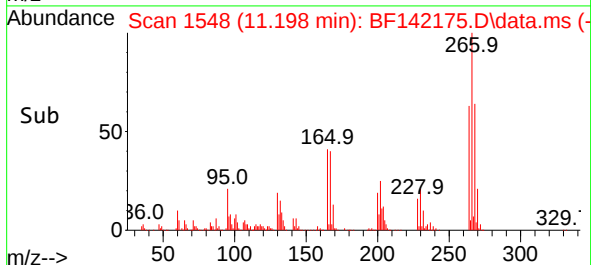
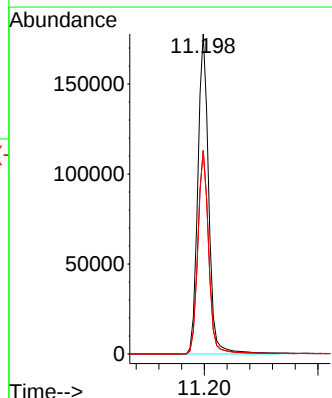
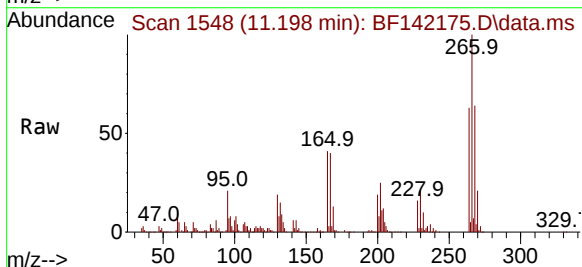
Tgt Ion:266 Resp: 236933

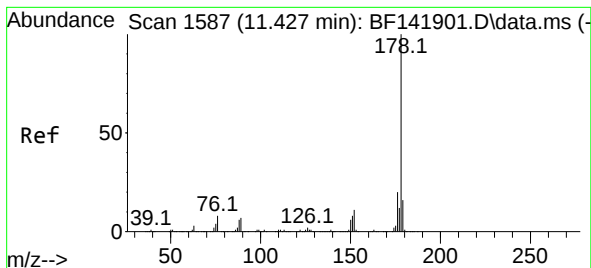
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 63.5 50.2 75.2





#71

Phenanthrene

Concen: 39.610 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

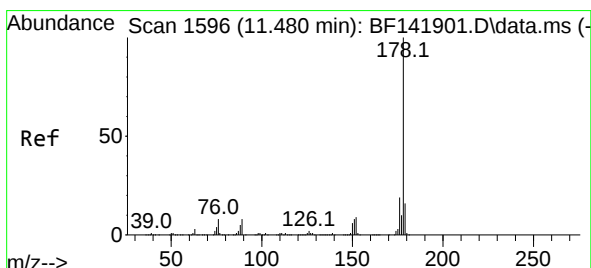
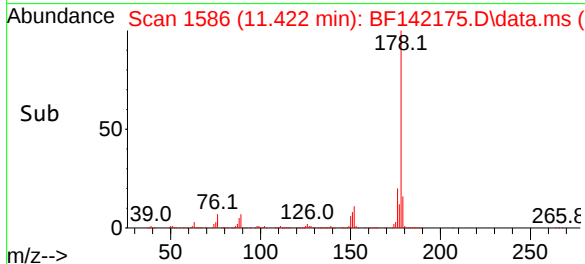
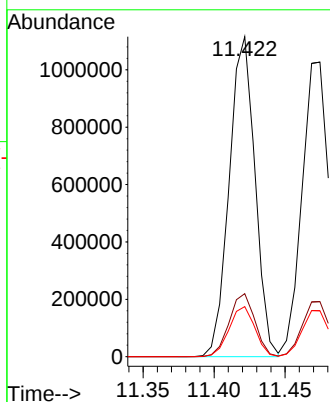
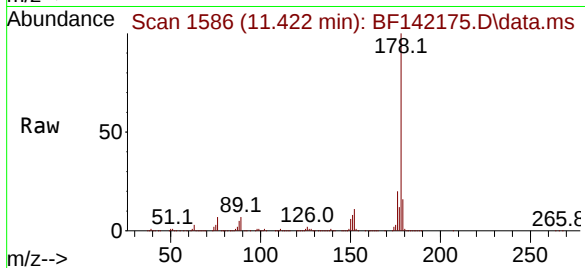
Tgt Ion:178 Resp: 1409825

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 15.6 12.6 19.0



#72

Anthracene

Concen: 38.217 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

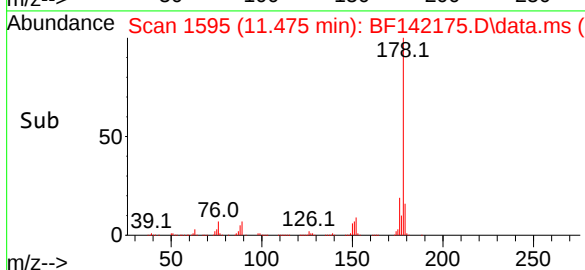
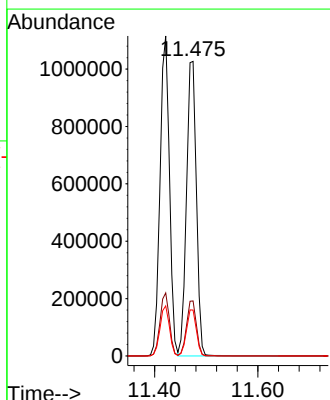
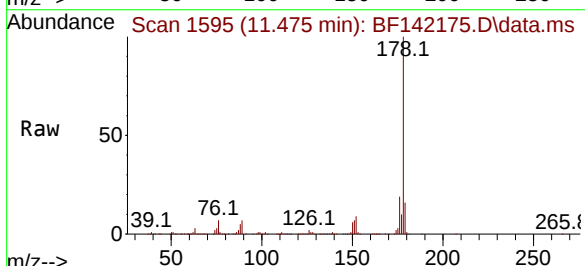
Tgt Ion:178 Resp: 1364675

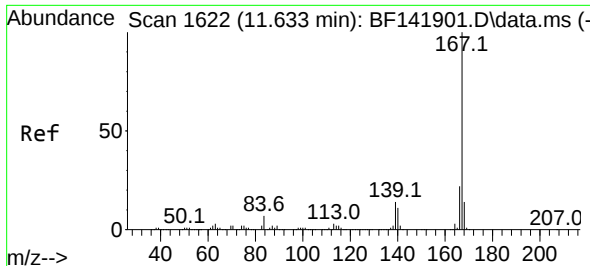
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.6 12.6 19.0

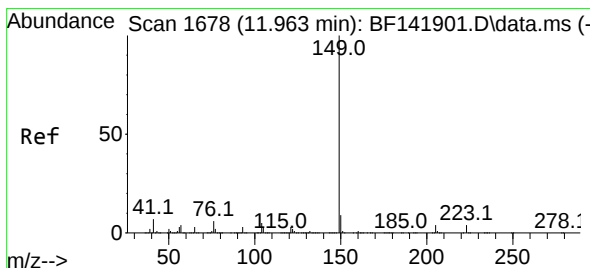
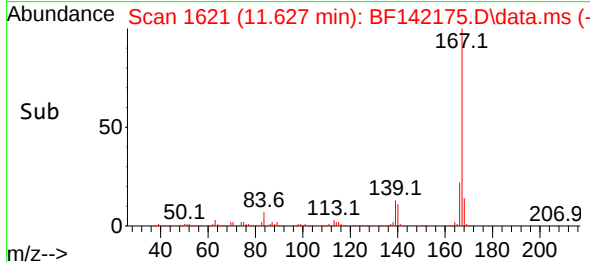
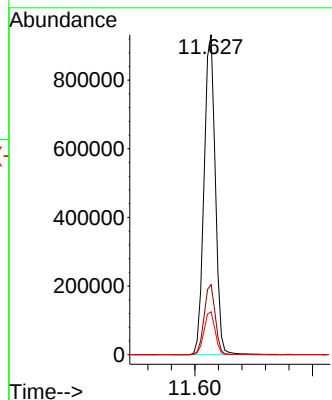
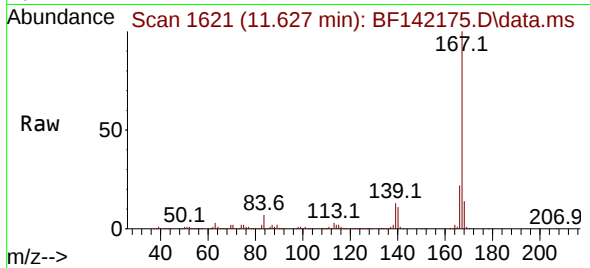




#73
 Carbazole
 Concen: 40.056 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142175.D
 Acq: 31 Mar 2025 12:22

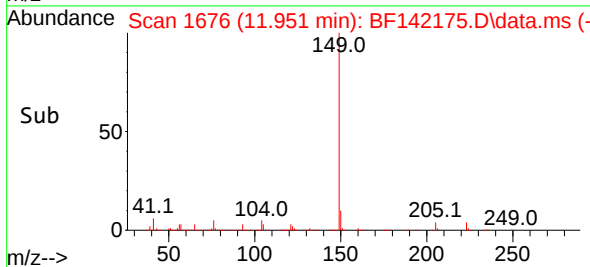
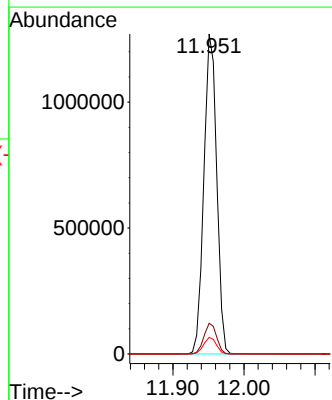
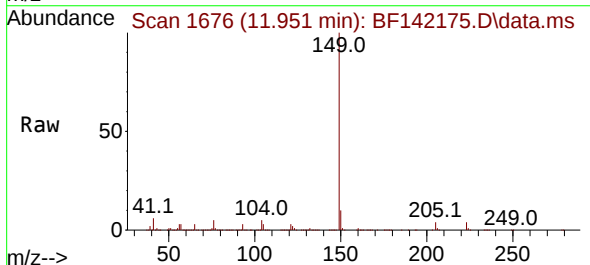
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

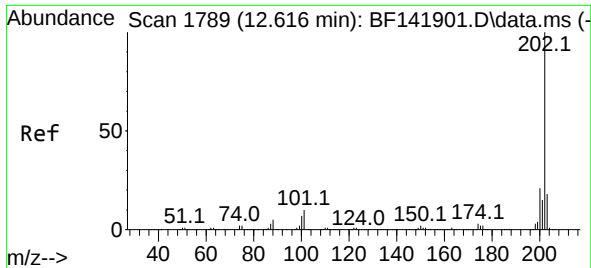
Tgt Ion:167 Resp: 1233540
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.4 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 39.103 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.012 min
 Lab File: BF142175.D
 Acq: 31 Mar 2025 12:22

Tgt Ion:149 Resp: 1597845
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.2 4.4 6.6

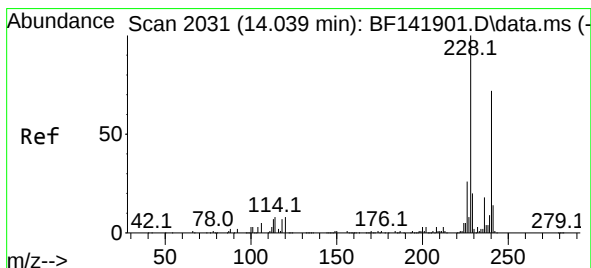
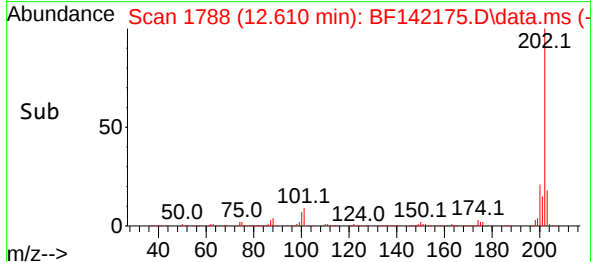
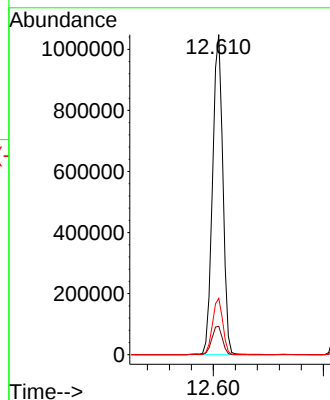
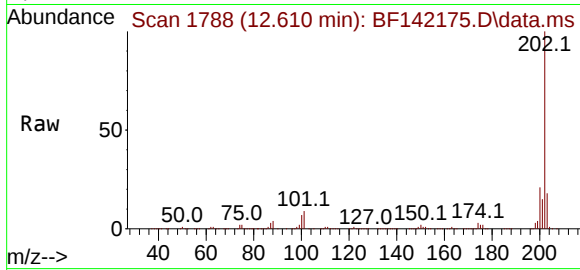




#75
Fluoranthene
Concen: 36.035 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

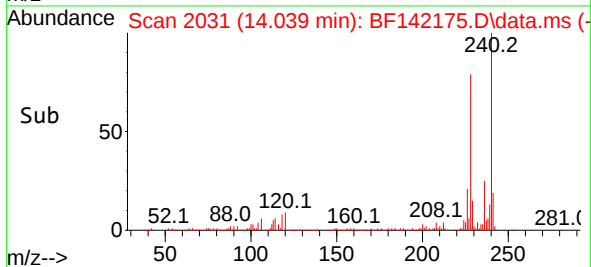
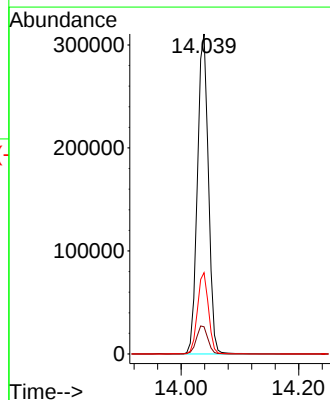
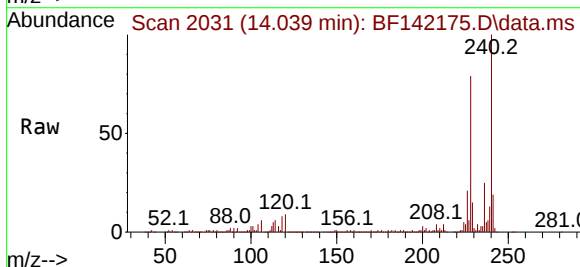
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

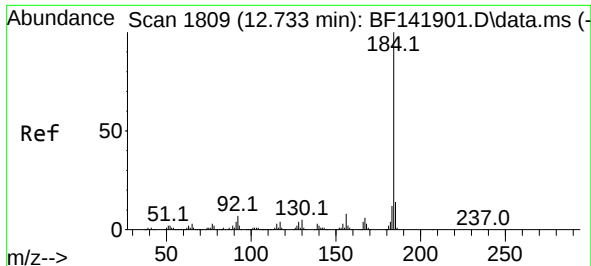
Tgt Ion:202 Resp: 1360519
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:240 Resp: 402422
Ion Ratio Lower Upper
240 100
120 8.5 8.4 12.6
236 25.4 20.5 30.7

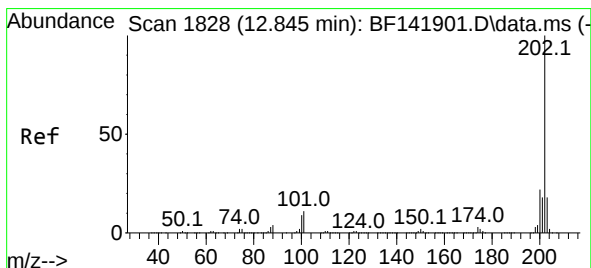
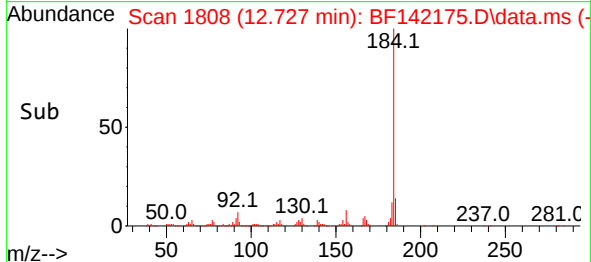
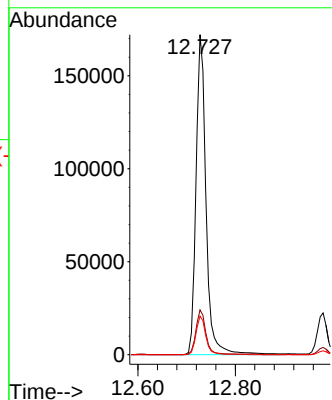
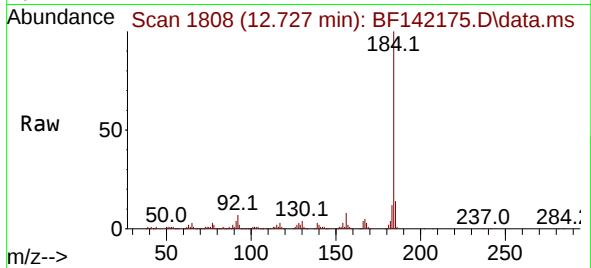




#77
Benzidine
Concen: 43.953 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

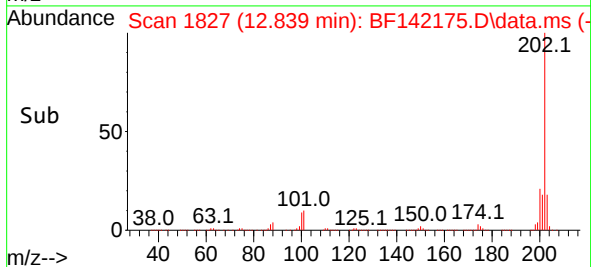
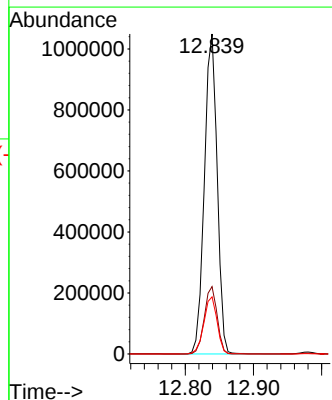
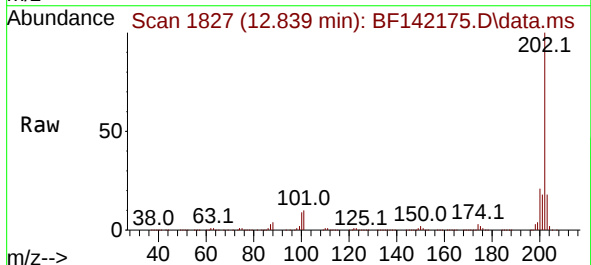
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

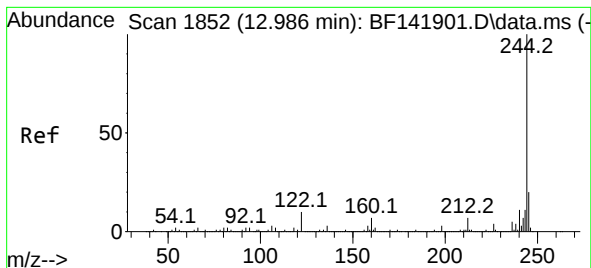
Tgt Ion:184 Resp: 246774
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 12.1 9.7 14.5



#78
Pyrene
Concen: 39.251 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:202 Resp: 1366309
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 80.433 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

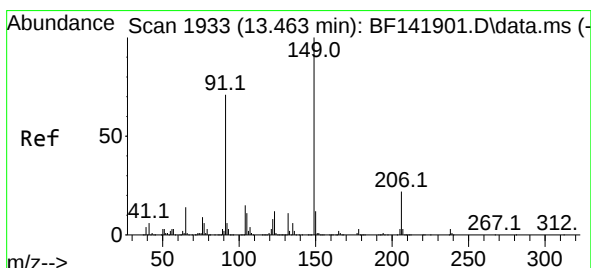
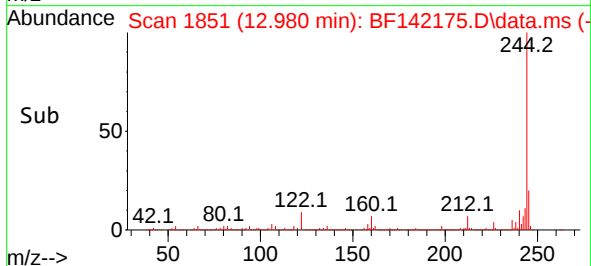
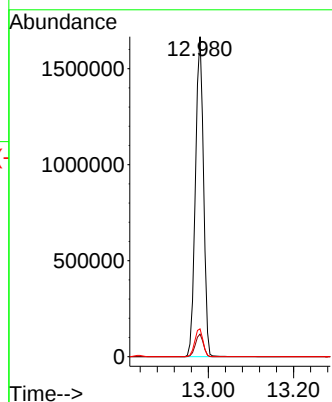
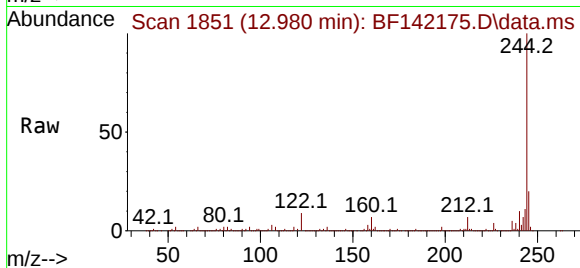
Tgt Ion:244 Resp: 2189308

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 8.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 40.594 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

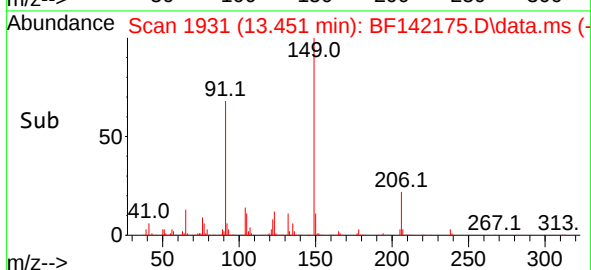
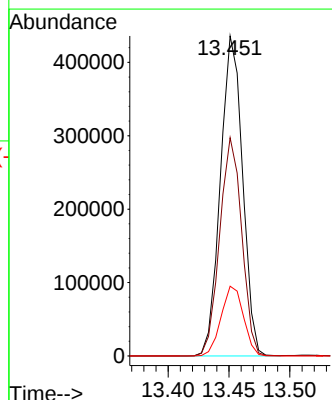
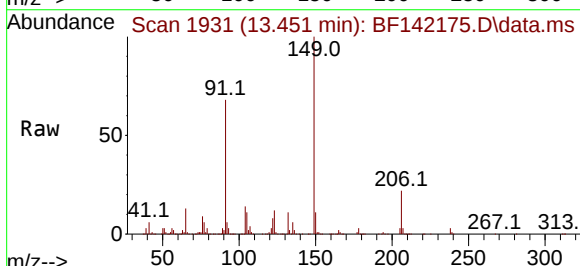
Tgt Ion:149 Resp: 553085

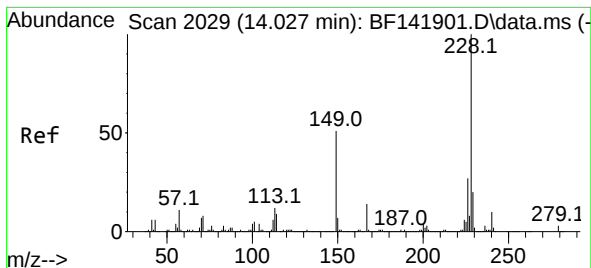
Ion Ratio Lower Upper

149 100

91 68.2 56.5 84.7

206 21.8 17.3 25.9





#81

Benzo(a)anthracene

Concen: 39.963 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

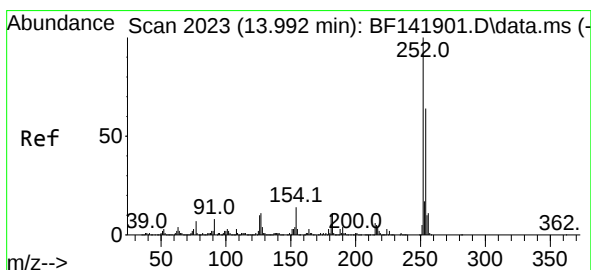
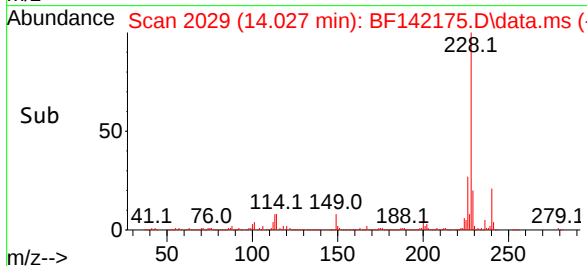
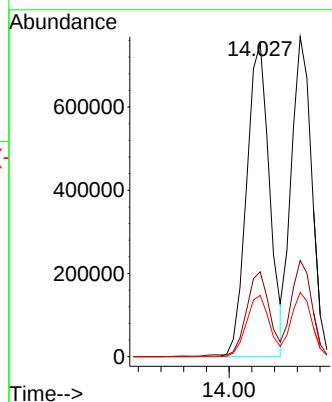
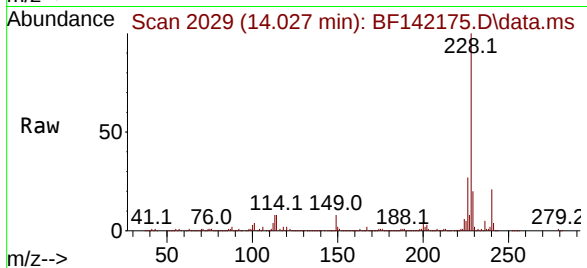
Tgt Ion:228 Resp: 1055317

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.131 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

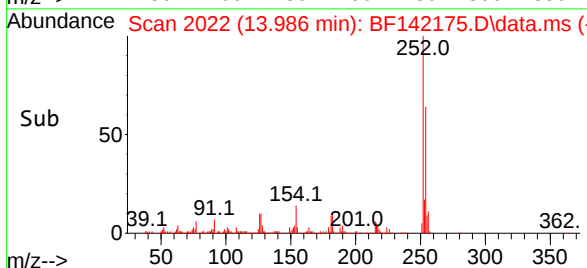
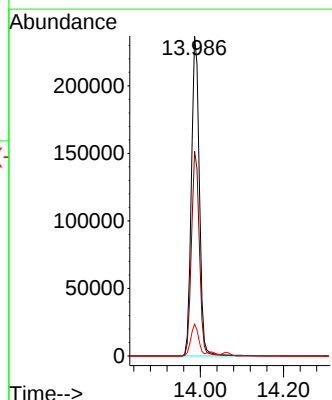
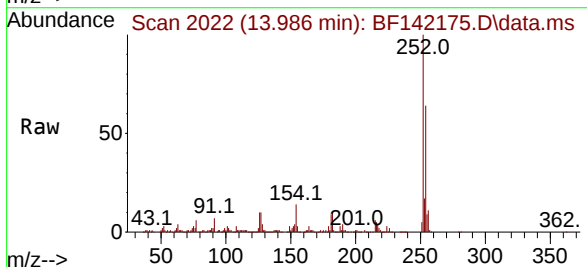
Tgt Ion:252 Resp: 313883

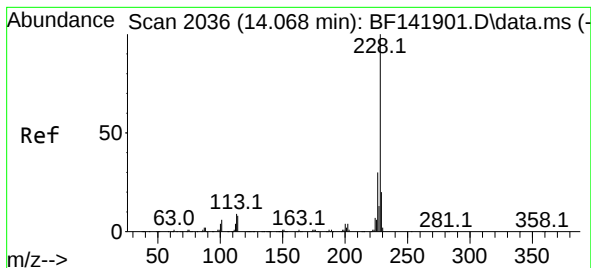
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.6

126 10.0 8.4 12.6





#83

Chrysene

Concen: 40.347 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

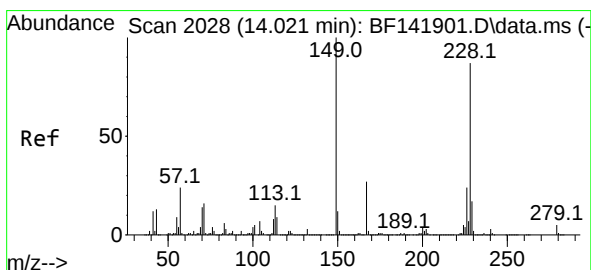
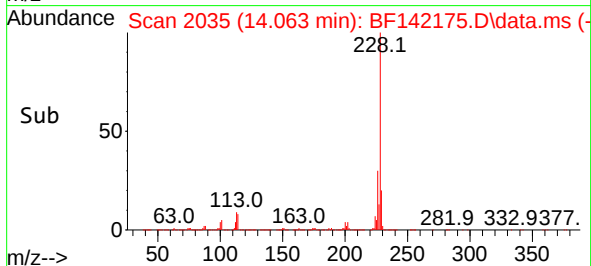
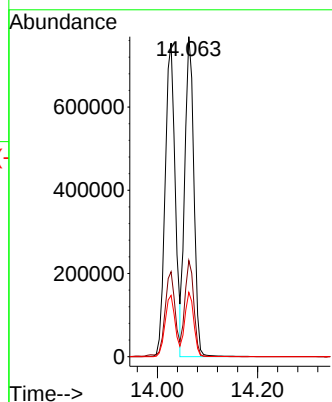
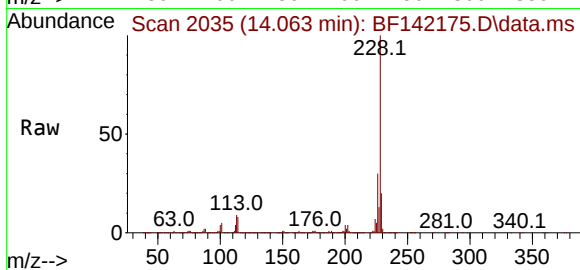
Tgt Ion:228 Resp: 965783

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.001 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

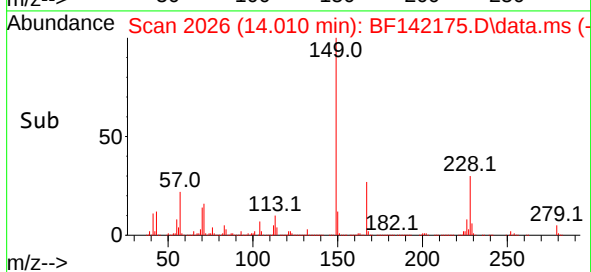
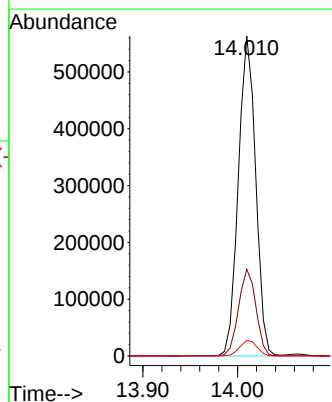
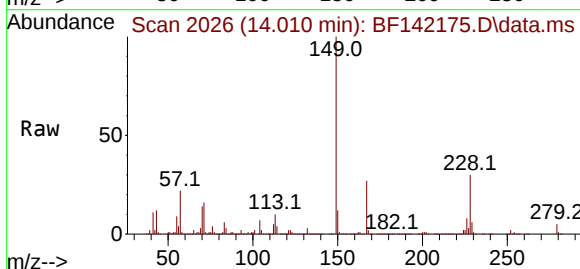
Tgt Ion:149 Resp: 713878

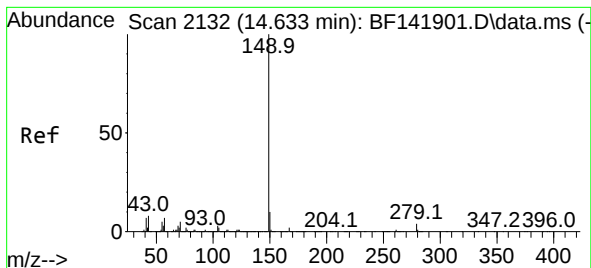
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 42.336 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

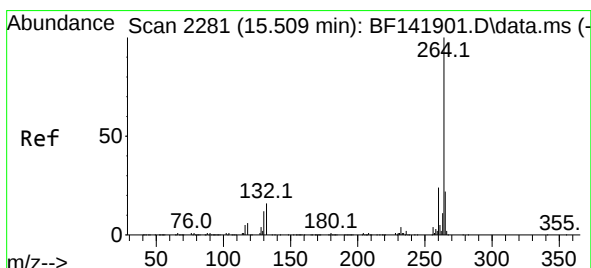
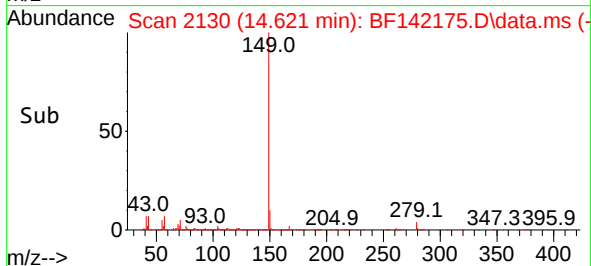
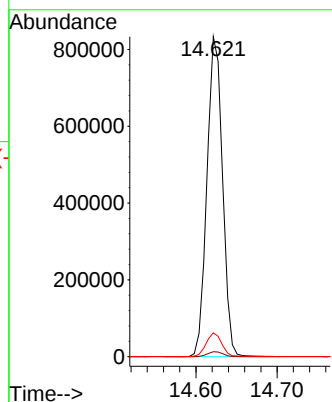
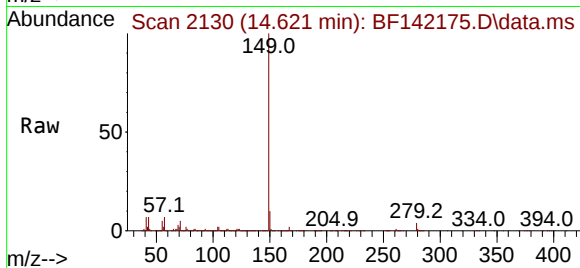
Tgt Ion:149 Resp: 1106581

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

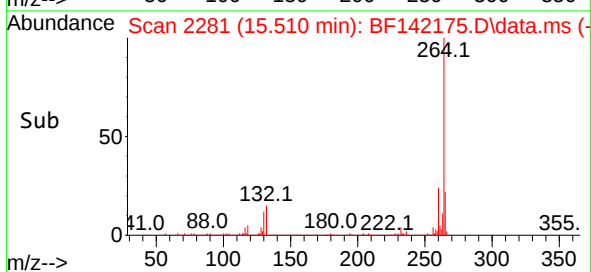
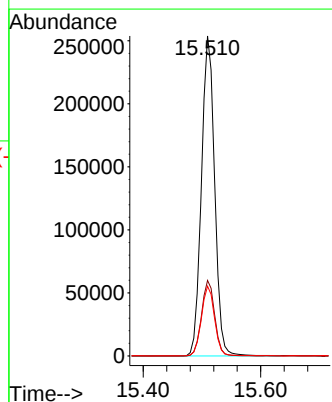
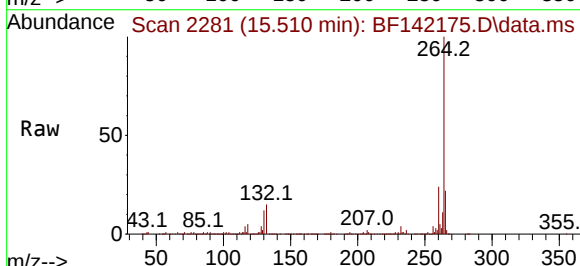
Tgt Ion:264 Resp: 395762

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.750 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

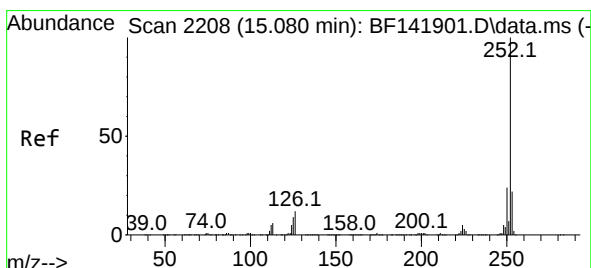
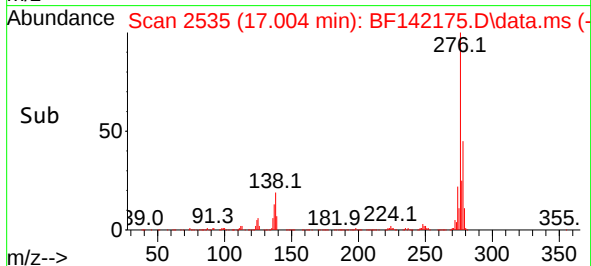
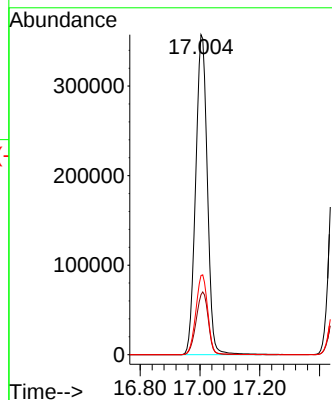
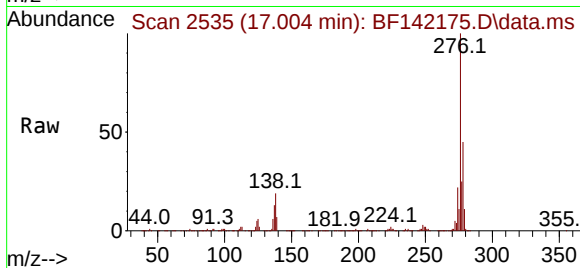
Tgt Ion:276 Resp: 966446

Ion Ratio Lower Upper

276 100

138 20.3 18.4 27.6

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 36.166 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

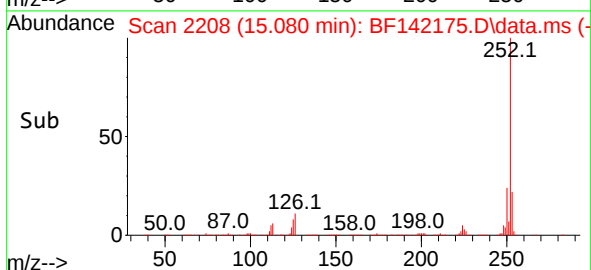
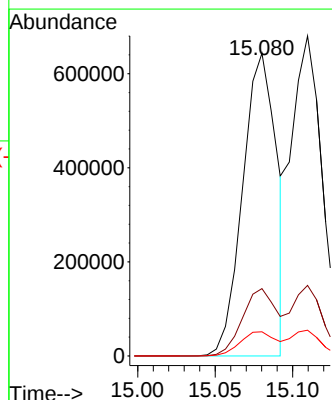
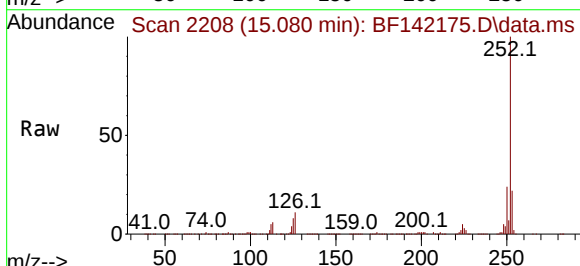
Tgt Ion:252 Resp: 980961

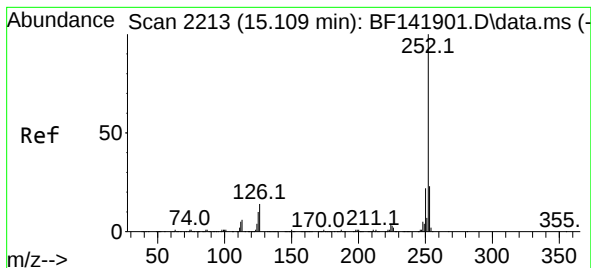
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 40.489 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

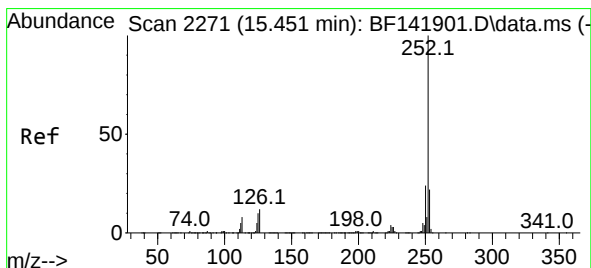
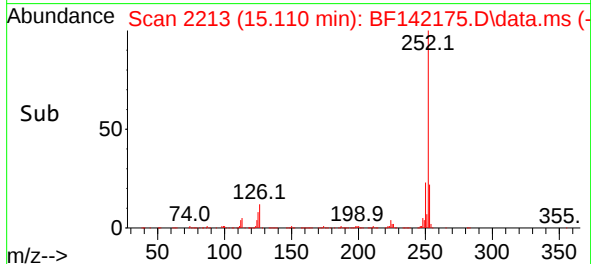
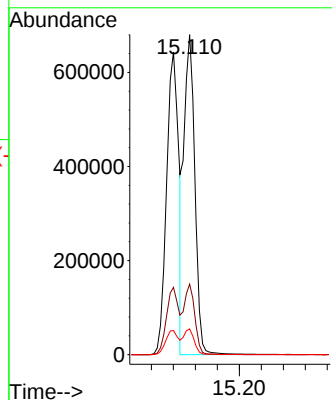
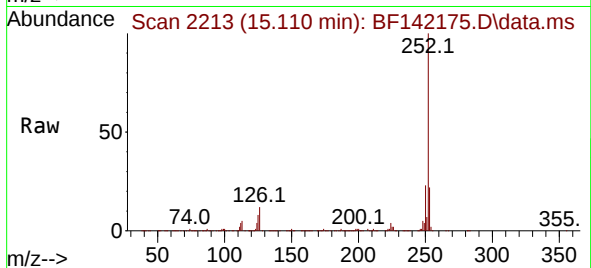
Tgt Ion:252 Resp: 939819

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 39.807 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF142175.D

Acq: 31 Mar 2025 12:22

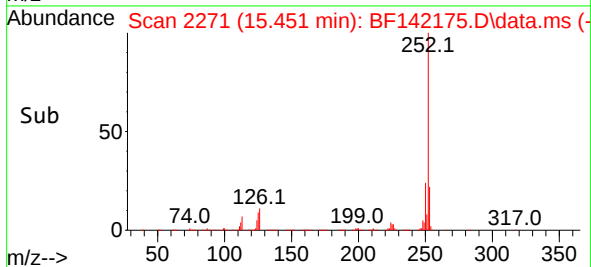
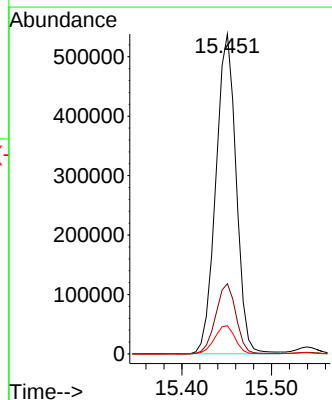
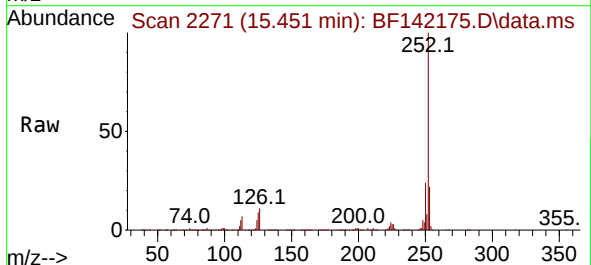
Tgt Ion:252 Resp: 844845

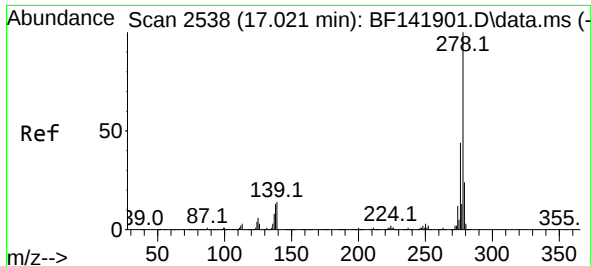
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.8 7.8 11.8

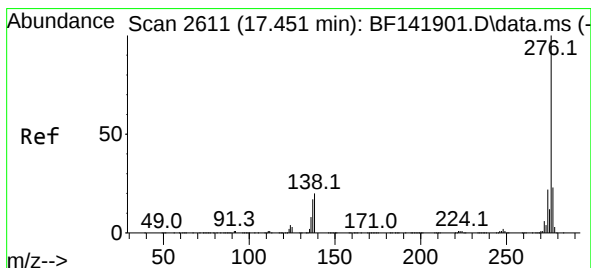
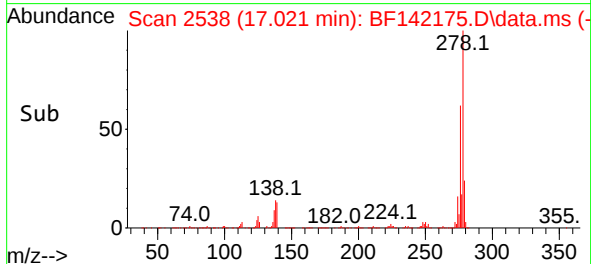
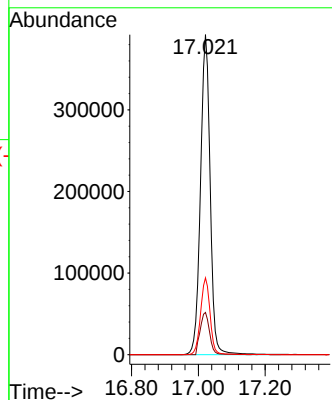
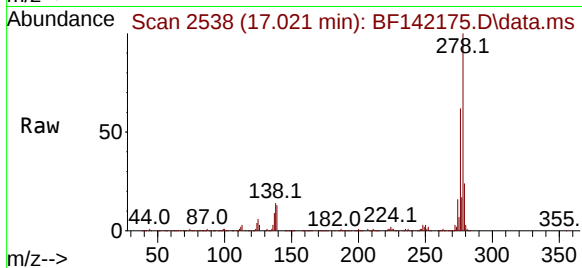




#91
Dibenzo(a,h)anthracene
Concen: 37.291 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 787699
Ion Ratio Lower Upper
278 100
139 13.2 11.4 17.2
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.648 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF142175.D
Acq: 31 Mar 2025 12:22

Tgt Ion:276 Resp: 785864
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 17.3 15.8 23.8

