

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142224.D
 Acq On : 23 Apr 2025 14:11
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 23 14:40:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 23 14:31:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	428308	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1545910	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	859142	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1465733	20.000	ng	0.00
76) Chrysene-d12	14.027	240	877355	20.000	ng	0.00
86) Perylene-d12	15.492	264	1082484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3678808	146.381	ng	0.00
7) Phenol-d6	6.504	99	4476676	145.338	ng	0.01
23) Nitrobenzene-d5	7.434	82	3917119	150.969	ng	0.01
42) 2,4,6-Tribromophenol	10.692	330	1973809	163.897	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	6991357	130.945	ng	0.00
79) Terphenyl-d14	12.969	244	7054778	130.688	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	795095	78.722	ng	99
3) Pyridine	3.375	79	1877519	77.683	ng	98
4) n-Nitrosodimethylamine	3.340	42	780657	80.182	ng	100
6) Aniline	6.528	93	1933297	69.719	ng	# 74
8) 2-Chlorophenol	6.651	128	2023949	73.617	ng	99
9) Benzaldehyde	6.416	77	984259	58.777	ng	98
10) Phenol	6.516	94	2344109	72.536	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	1745352	74.687	ng	98
12) 1,3-Dichlorobenzene	6.804	146	2239612	73.898	ng	98
13) 1,4-Dichlorobenzene	6.881	146	2265161	73.658	ng	99
14) 1,2-Dichlorobenzene	7.039	146	2083107	72.281	ng	99
15) Benzyl Alcohol	7.010	79	1701542	75.692	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1628180	70.069	ng	91
17) 2-Methylphenol	7.122	107	1572060	75.101	ng	97
18) Hexachloroethane	7.375	117	797274	74.294	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	1237082	72.448	ng	99
20) 3+4-Methylphenols	7.275	107	1904889	72.370	ng	92
22) Acetophenone	7.275	105	2622308	73.325	ng	# 96
24) Nitrobenzene	7.451	77	1939383	75.663	ng	99
25) Isophorone	7.686	82	3314254	77.903	ng	99
26) 2-Nitrophenol	7.763	139	1131689	80.397	ng	98
27) 2,4-Dimethylphenol	7.798	122	1272688	77.803	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	2077401	75.704	ng	99
29) 2,4-Dichlorophenol	8.004	162	1789605	77.658	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	1990333	76.549	ng	100
31) Naphthalene	8.169	128	5192063	68.332	ng	96
32) Benzoic acid	7.951	122	1377969	93.030	ng	100
33) 4-Chloroaniline	8.222	127	2006197	74.975	ng	99
34) Hexachlorobutadiene	8.281	225	1321462	77.102	ng	100
35) Caprolactam	8.604	113	527875	77.996	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	1864381	77.825	ng	97
37) 2-Methylnaphthalene	8.857	142	3739214	73.336	ng	99
38) 1-Methylnaphthalene	8.957	142	3598065	72.431	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	2132438	77.845	ng	99
41) Hexachlorocyclopentadiene	9.010	237	713235	79.680	ng	97
43) 2,4,6-Trichlorophenol	9.133	196	1351670	81.562	ng	99

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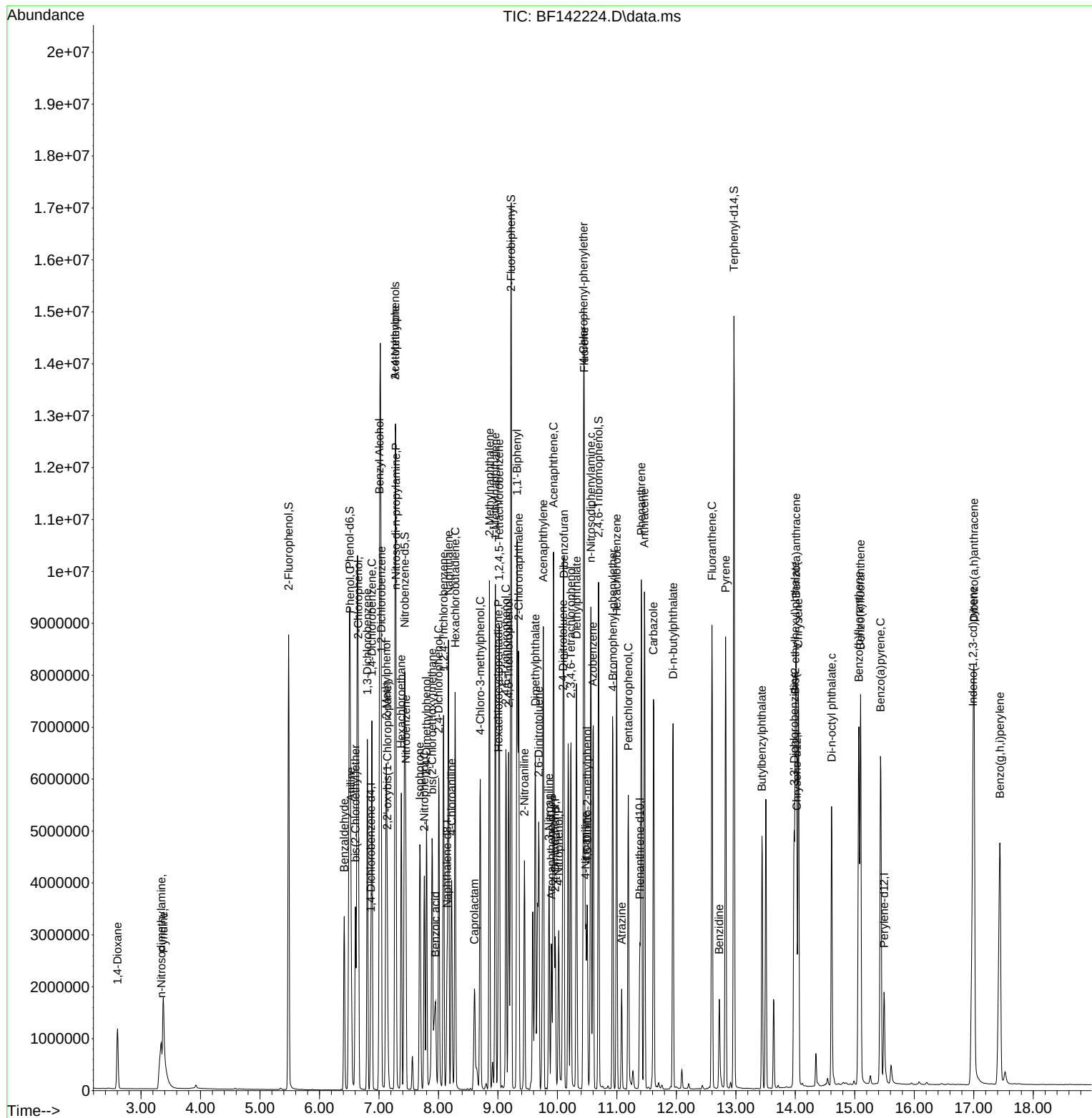
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	1455869	81.927	ng	99
46) 1,1'-Biphenyl	9.322	154	4554772	71.996	ng	97
47) 2-Chloronaphthalene	9.351	162	3590064	74.006	ng	97
48) 2-Nitroaniline	9.445	65	1010292	80.468	ng	98
49) Acenaphthylene	9.763	152	4989024	70.904	ng	97
50) Dimethylphthalate	9.628	163	4378849	75.896	ng	99
51) 2,6-Dinitrotoluene	9.686	165	1021833	79.536	ng	98
52) Acenaphthene	9.933	154	3850690	76.567	ng	99
53) 3-Nitroaniline	9.857	138	1011763	80.462	ng	98
54) 2,4-Dinitrophenol	9.963	184	642653	92.349	ng	99
55) Dibenzofuran	10.110	168	4982432	70.276	ng	94
56) 4-Nitrophenol	10.022	139	754388	82.355	ng	98
57) 2,4-Dinitrotoluene	10.092	165	1344741	78.115	ng	98
58) Fluorene	10.451	166	4036701	72.619	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	1327625	82.343	ng	100
60) Diethylphthalate	10.322	149	4100071	74.307	ng	97
61) 4-Chlorophenyl-phenyle...	10.439	204	2254954	76.621	ng	97
62) 4-Nitroaniline	10.475	138	941469	75.690	ng	99
63) Azobenzene	10.598	77	3497396	73.078	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	829110	84.803	ng	98
66) n-Nitrosodiphenylamine	10.563	169	3475669	77.177	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1494309	81.226	ng	98
68) Hexachlorobenzene	10.998	284	1760831	80.621	ng	99
69) Atrazine	11.080	200	359101	28.112	ng	99
70) Pentachlorophenol	11.192	266	1055111	88.601	ng	99
71) Phenanthrene	11.410	178	5333285	70.423	ng	96
72) Anthracene	11.463	178	5286795	69.804	ng	96
73) Carbazole	11.616	167	4558146	69.311	ng	98
74) Di-n-butylphthalate	11.945	149	5091256	68.130	ng	98
75) Fluoranthene	12.598	202	5188311	65.746	ng	97
77) Benzidine	12.721	184	1067518	81.510	ng	99
78) Pyrene	12.827	202	5129000	70.026	ng	97
80) Butylbenzylphthalate	13.439	149	1658993	78.231	ng	98
81) Benzo(a)anthracene	14.015	228	4229588	76.171	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	1469931	86.864	ng	97
83) Chrysene	14.051	228	3950140	77.053	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	2150588	84.937	ng	100
85) Di-n-octyl phthalate	14.610	149	3745021	86.180	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	6081441	78.427	ng	99
88) Benzo(b)fluoranthene	15.068	252	4739885	75.651	ng	98
89) Benzo(k)fluoranthene	15.098	252	4474100	76.888	ng	98
90) Benzo(a)pyrene	15.433	252	4331199	78.331	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	4934894	77.712	ng	99
92) Benzo(g,h,i)perylene	17.439	276	5048097	76.608	ng	99

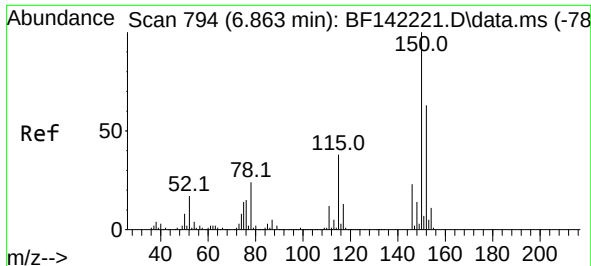
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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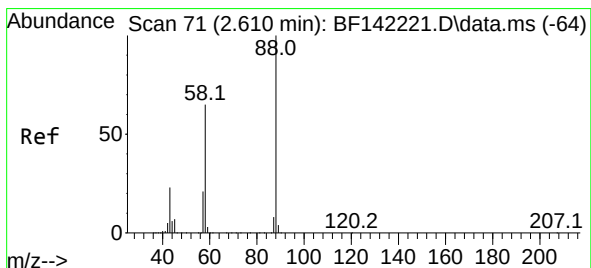
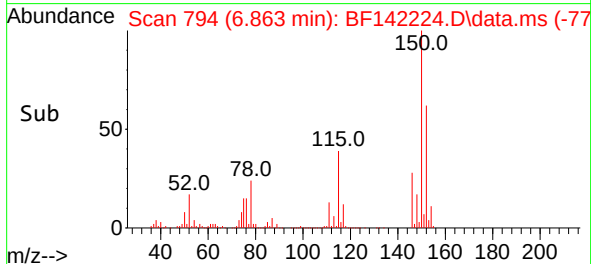
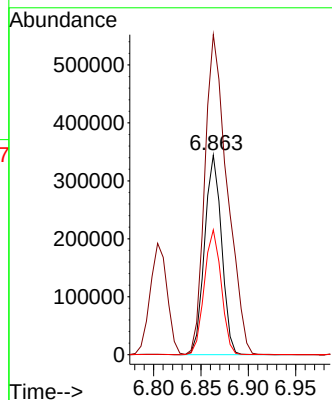
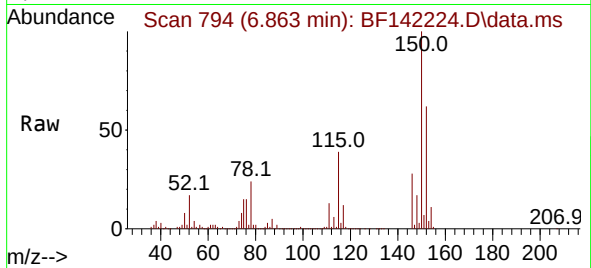




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF142224.D
 Acq: 23 Apr 2025 14:11

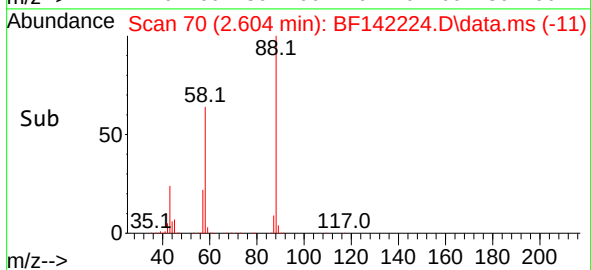
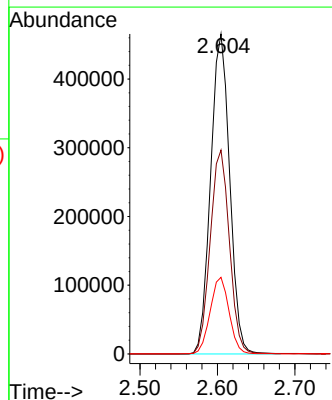
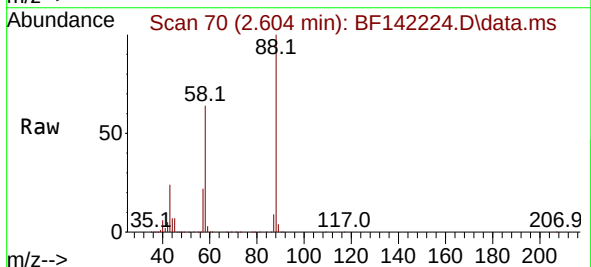
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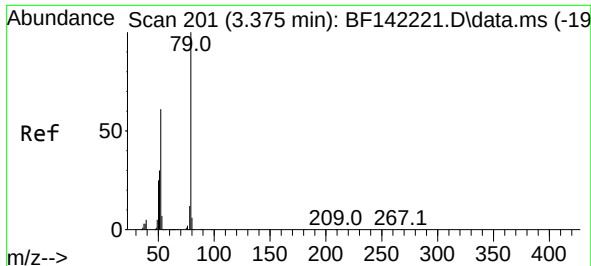
Tgt Ion:152 Resp: 428308
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.8 191.6
 115 62.5 48.5 72.7



#2
 1,4-Dioxane
 Concen: 78.722 ng
 RT: 2.604 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF142224.D
 Acq: 23 Apr 2025 14:11

Tgt Ion: 88 Resp: 795095
 Ion Ratio Lower Upper
 88 100
 58 64.3 52.4 78.6
 43 23.7 19.0 28.6

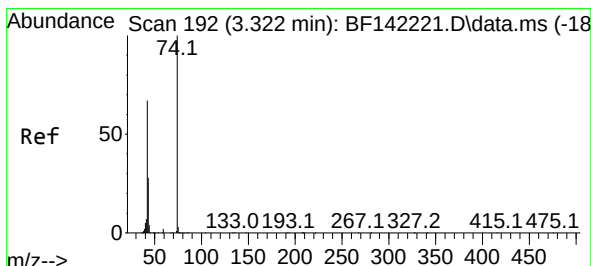
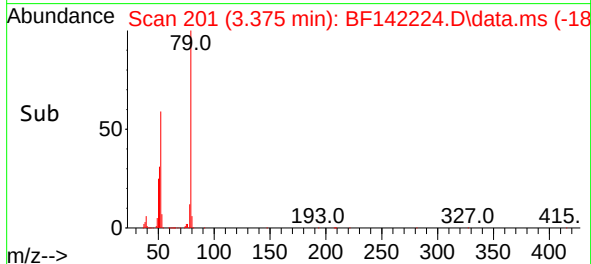
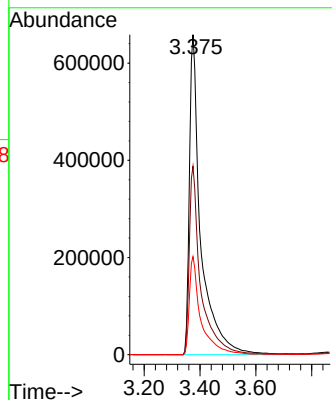
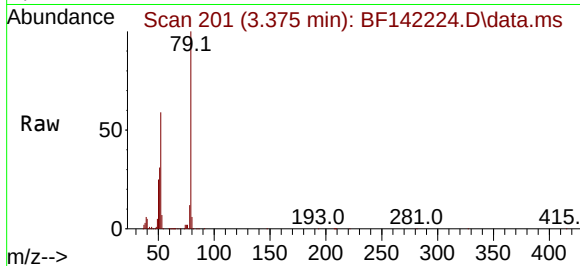




#3
Pyridine
Concen: 77.683 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

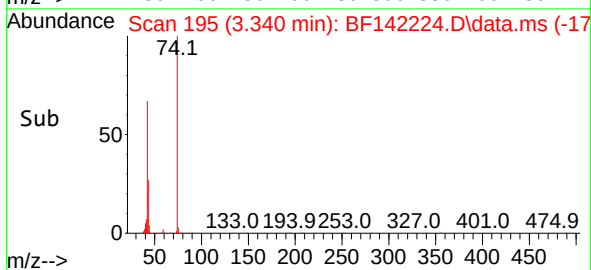
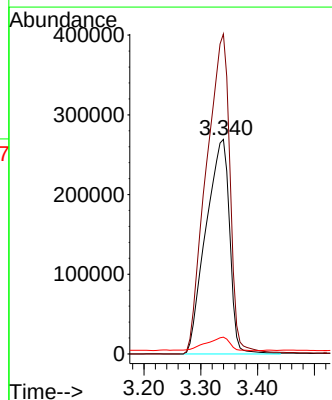
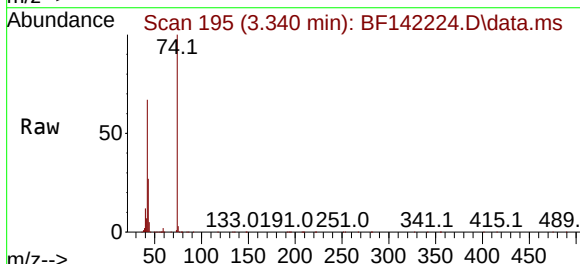
Instrument :
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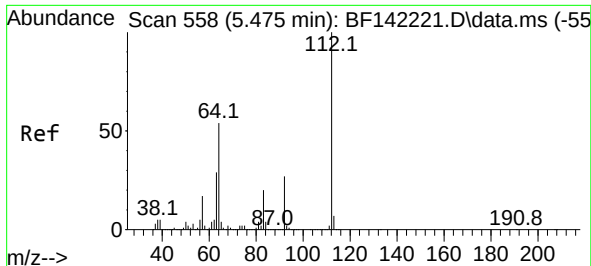
Tgt Ion: 79 Resp: 1877519
Ion Ratio Lower Upper
79 100
52 58.9 48.6 72.8
51 30.7 24.3 36.5



#4
n-Nitrosodimethylamine
Concen: 80.182 ng
RT: 3.340 min Scan# 195
Delta R.T. 0.018 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion: 42 Resp: 780657
Ion Ratio Lower Upper
42 100
74 149.2 119.1 178.7
44 7.8 7.0 10.4

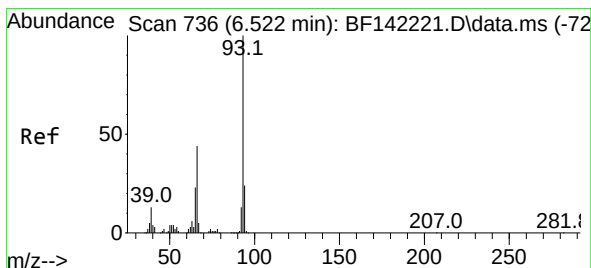
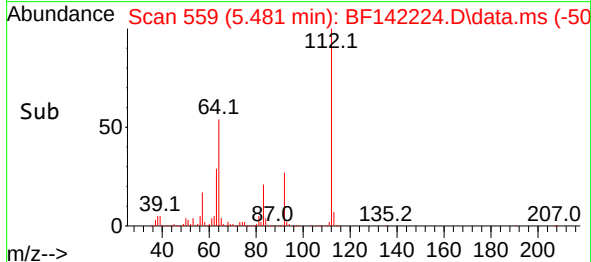
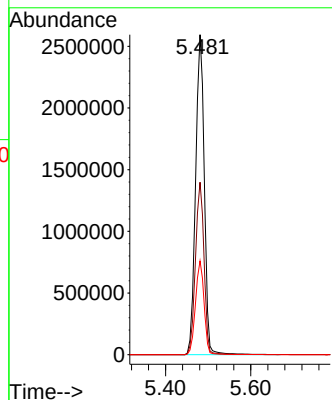
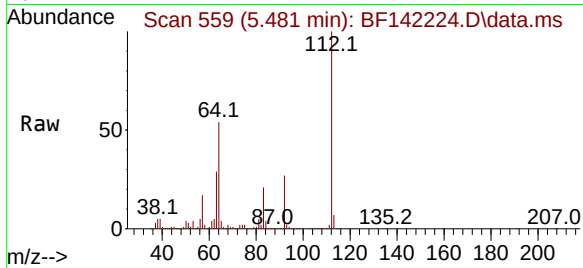




#5
2-Fluorophenol
Concen: 146.381 ng
RT: 5.481 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

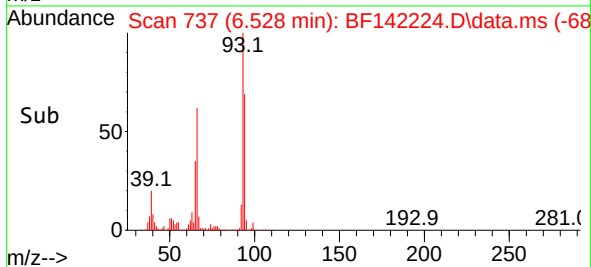
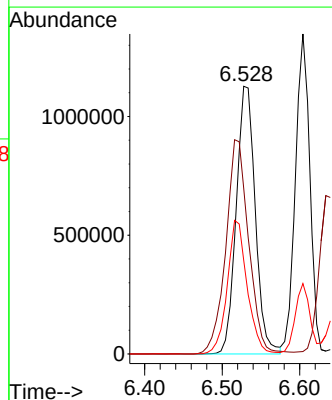
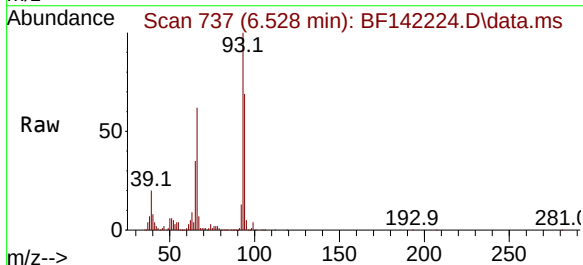
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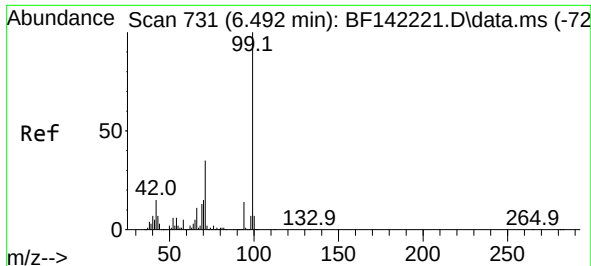
Tgt Ion:112 Resp: 3678808
Ion Ratio Lower Upper
112 100
64 53.9 43.1 64.7
63 29.3 23.1 34.7



#6
Aniline
Concen: 69.719 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion: 93 Resp: 1933297
Ion Ratio Lower Upper
93 100
66 61.9 35.5 53.3#
65 35.0 18.5 27.7#

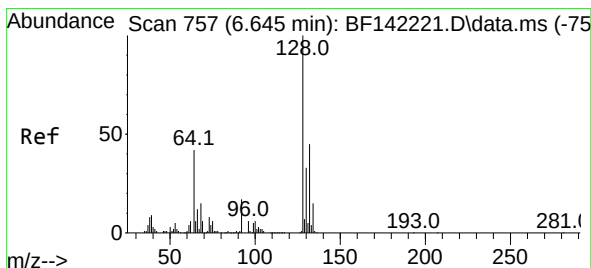
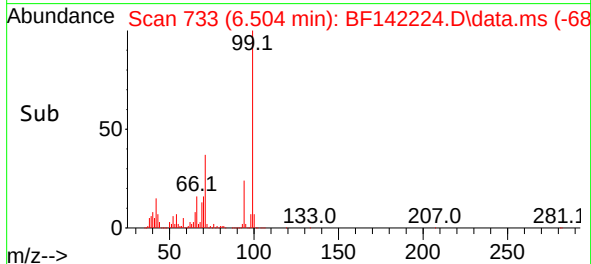
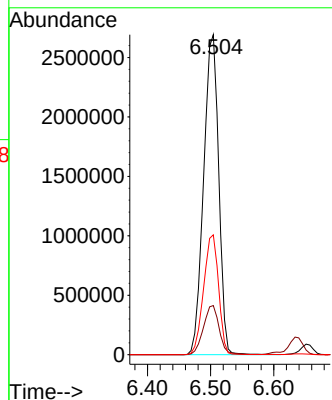
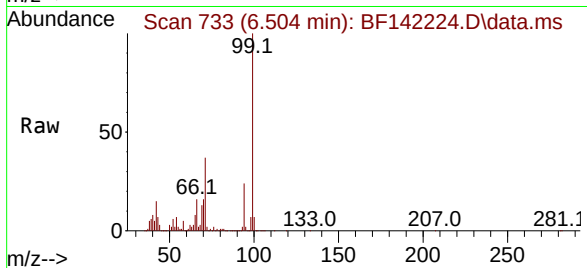




#7
Phenol-d6
Concen: 145.338 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

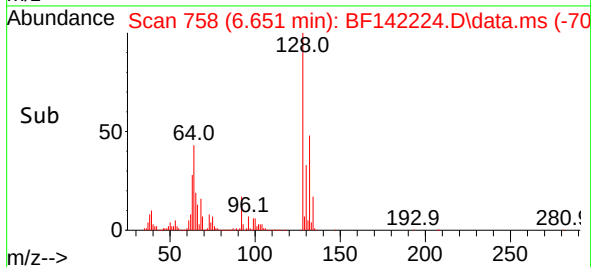
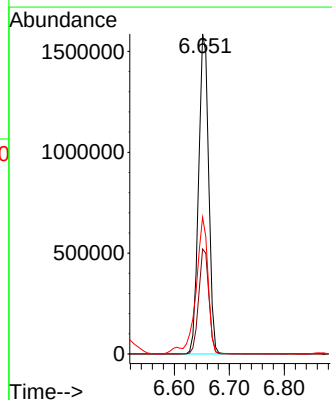
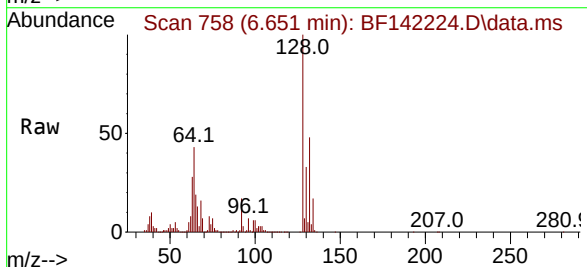
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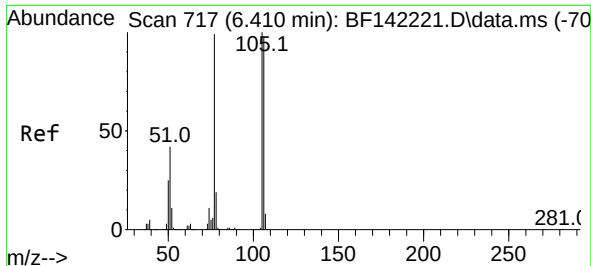
Tgt Ion: 99 Resp: 4476676
Ion Ratio Lower Upper
99 100
42 15.4 12.0 18.0
71 37.5 28.3 42.5



#8
2-Chlorophenol
Concen: 73.617 ng
RT: 6.651 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion: 128 Resp: 2023949
Ion Ratio Lower Upper
128 100
130 32.8 13.4 53.4
64 42.7 23.4 63.4

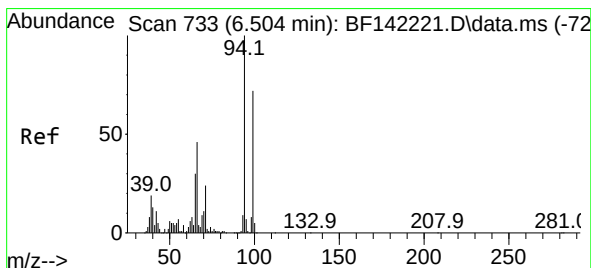
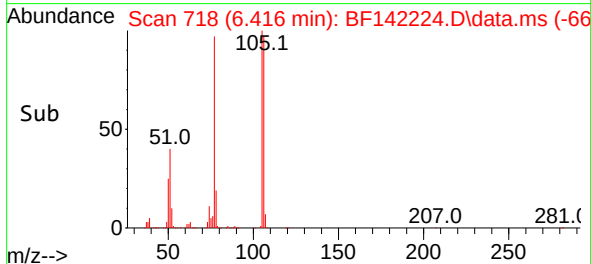
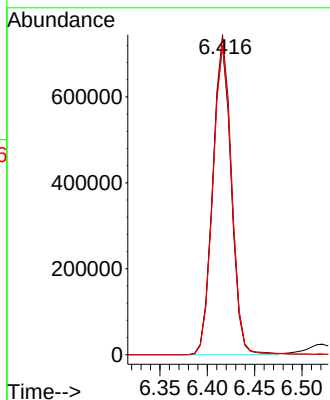
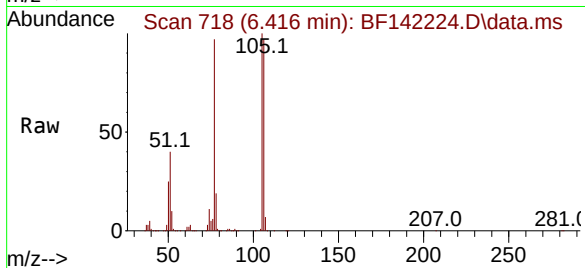




#9
Benzaldehyde
Concen: 58.777 ng
RT: 6.416 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF142224.D
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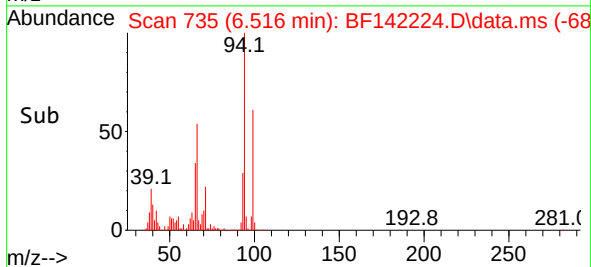
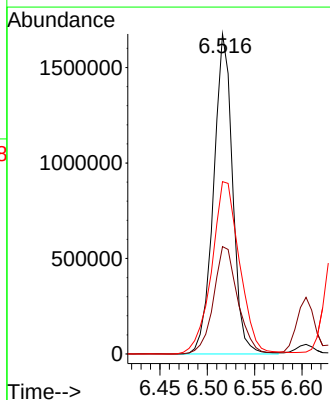
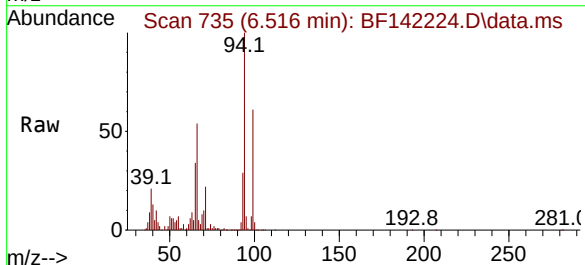
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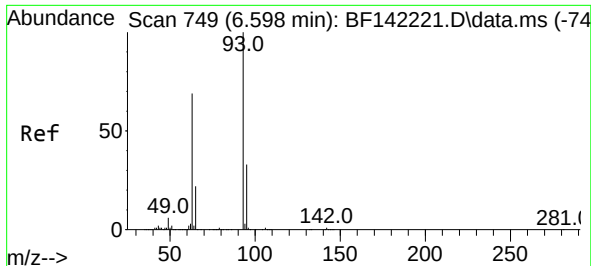
Tgt Ion: 77 Resp: 984259
Ion Ratio Lower Upper
77 100
105 103.5 81.3 121.3
106 100.1 78.4 118.4



#10
Phenol
Concen: 72.536 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion: 94 Resp: 2344109
Ion Ratio Lower Upper
94 100
65 33.6 10.2 50.2
66 53.8 25.9 65.9





#11

bis(2-Chloroethyl)ether

Concen: 74.687 ng

RT: 6.604 min Scan# 749

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

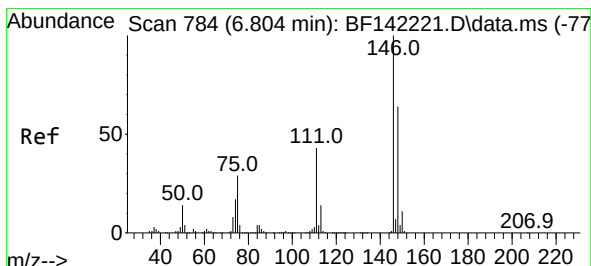
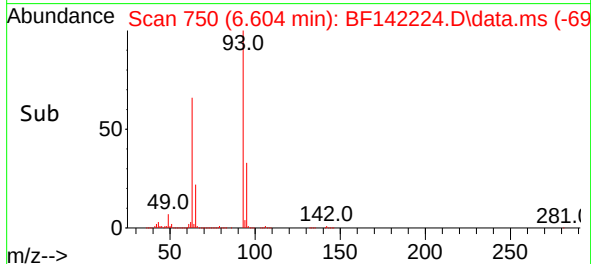
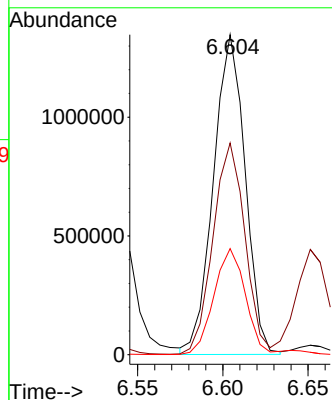
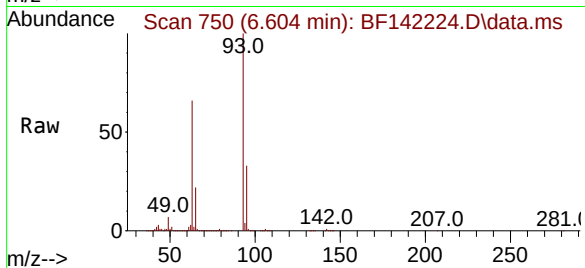
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 1745352

Ion	Ratio	Lower	Upper
93	100		
63	66.2	48.2	88.2
95	33.2	12.5	52.5



#12

1,3-Dichlorobenzene

Concen: 73.898 ng

RT: 6.804 min Scan# 784

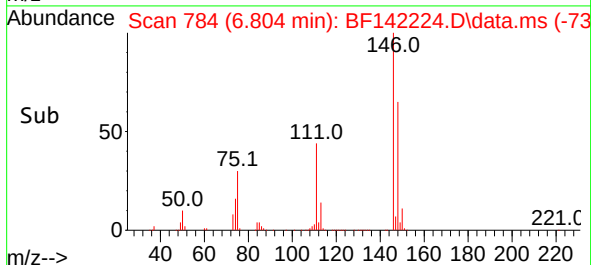
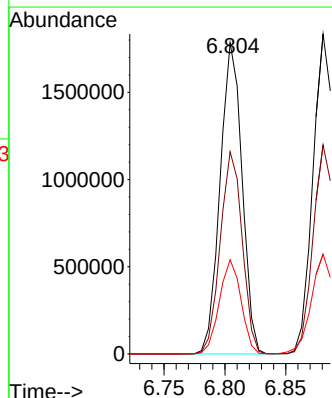
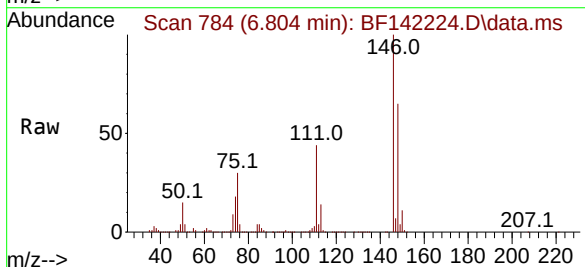
Delta R.T. 0.000 min

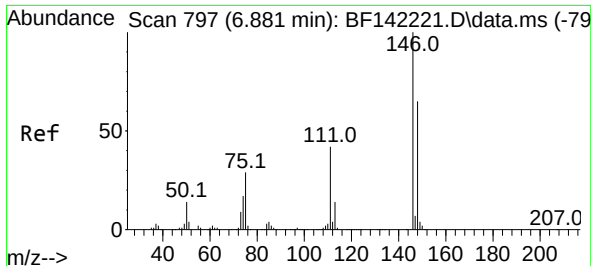
Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Tgt Ion:146 Resp: 2239612

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.2	76.8
75	30.3	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 73.658 ng

RT: 6.881 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

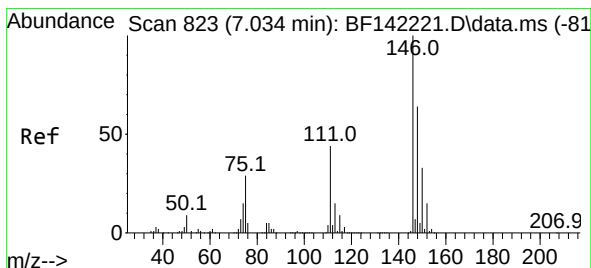
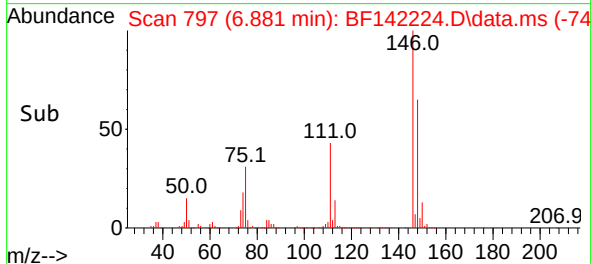
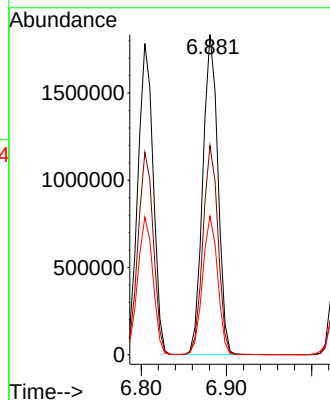
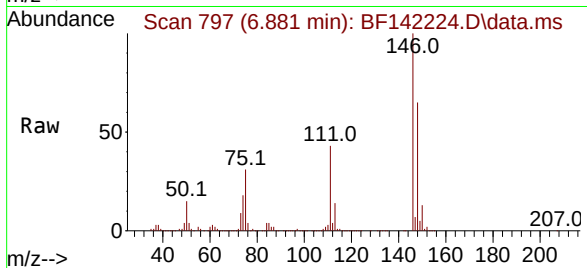
Tgt Ion:146 Resp: 2265161

Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

111 43.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 72.281 ng

RT: 7.039 min Scan# 824

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

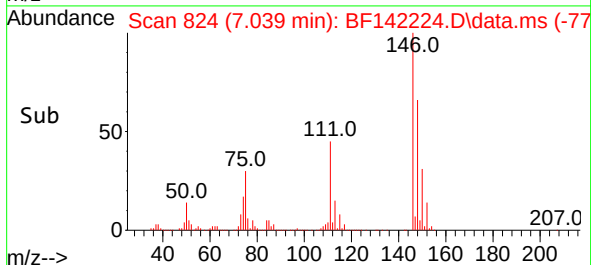
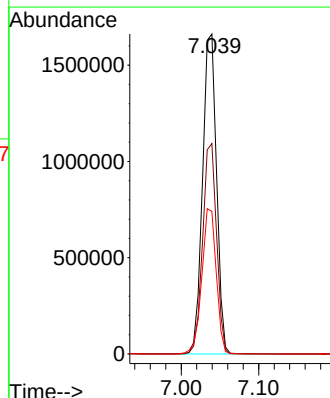
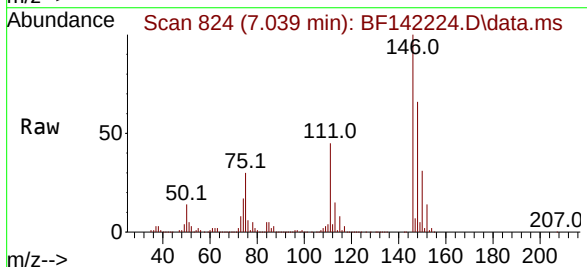
Tgt Ion:146 Resp: 2083107

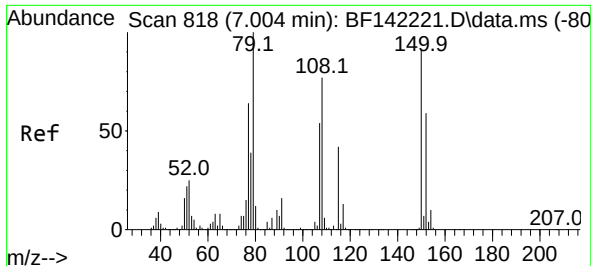
Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.0

111 44.5 35.4 53.0

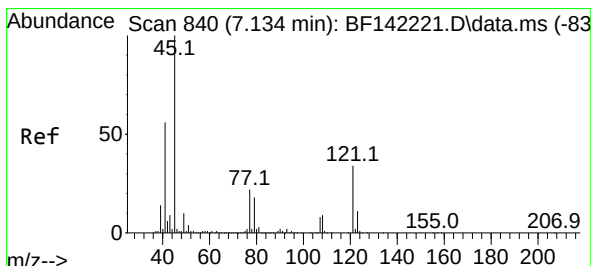
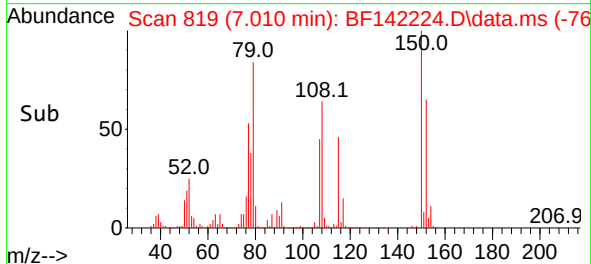
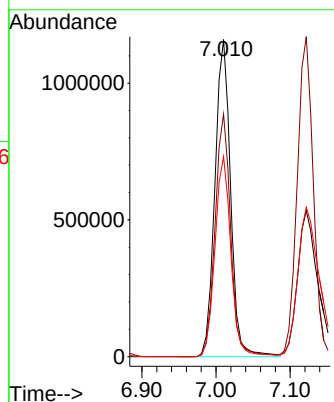
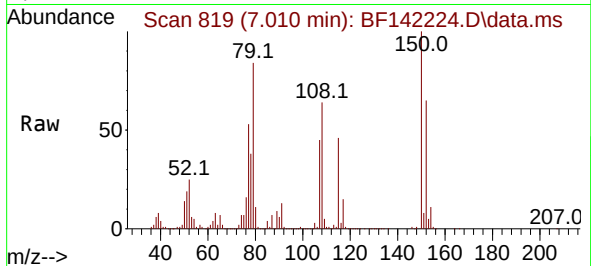




#15
Benzyl Alcohol
Concen: 75.692 ng
RT: 7.010 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

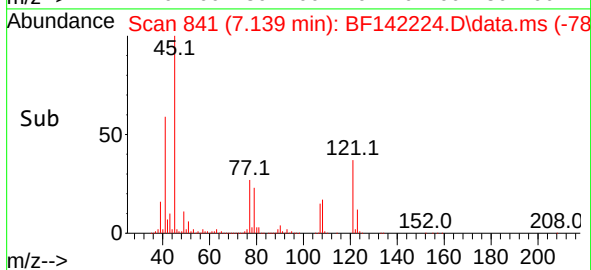
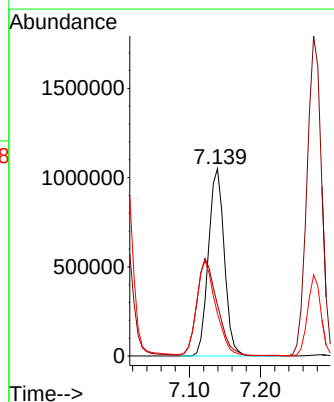
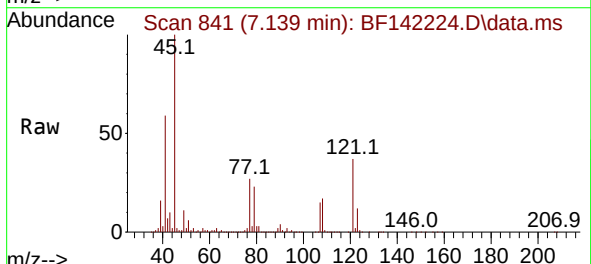
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

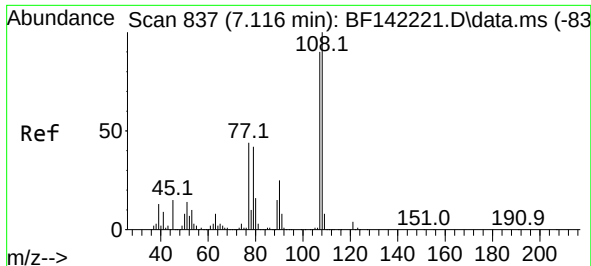
Tgt Ion: 79 Resp: 1701542
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.2
77 63.0 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 70.069 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion: 45 Resp: 1628180
Ion Ratio Lower Upper
45 100
77 27.2 3.0 43.0
79 22.5 0.0 38.4

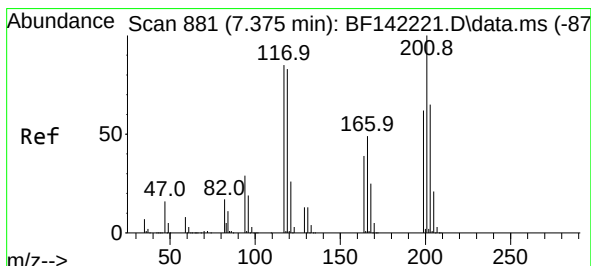
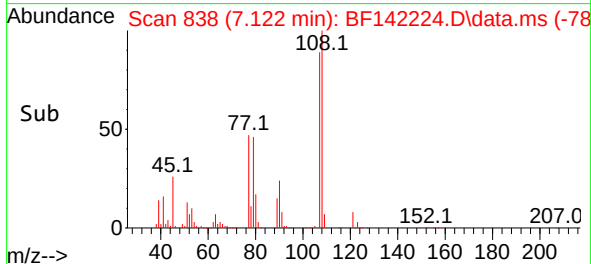
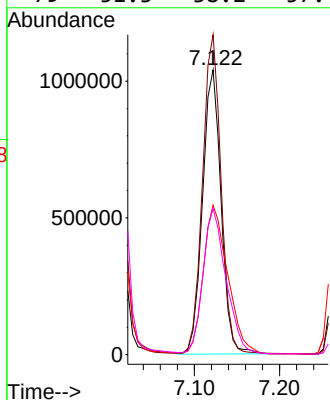
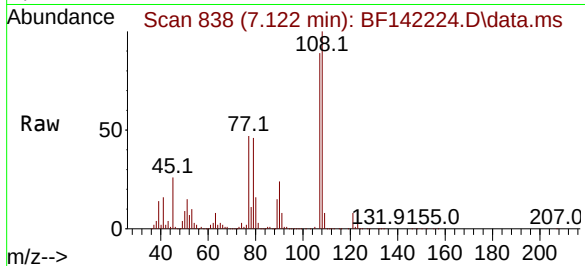




#17
2-Methylphenol
Concen: 75.101 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

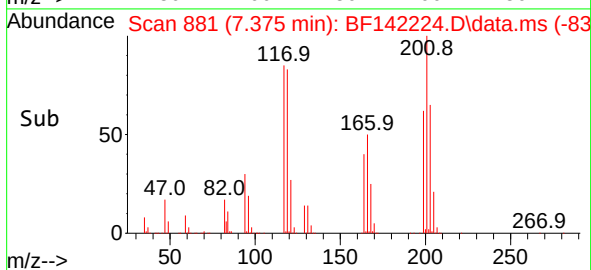
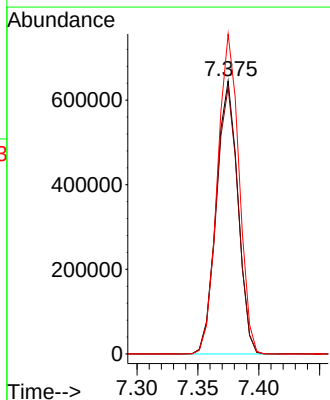
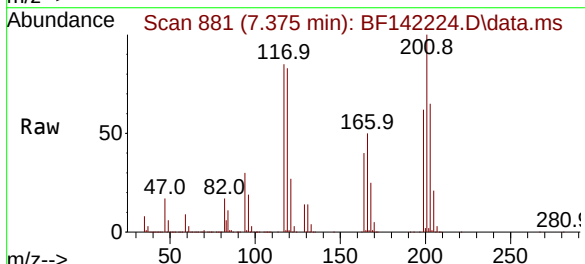
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

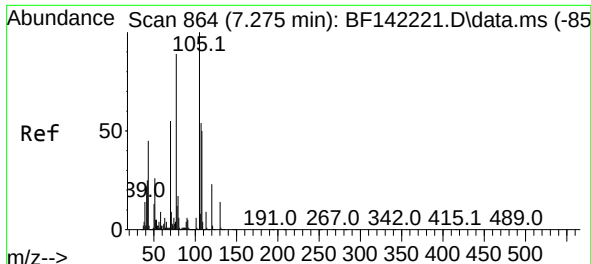
Tgt Ion:107 Resp: 1572060
Ion Ratio Lower Upper
107 100
108 112.3 89.3 133.9
77 52.5 39.3 58.9
79 51.3 38.2 57.4



#18
Hexachloroethane
Concen: 74.294 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:117 Resp: 797274
Ion Ratio Lower Upper
117 100
119 97.6 78.0 117.0
201 117.2 94.2 141.4



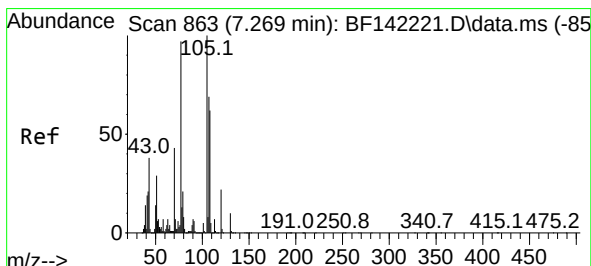
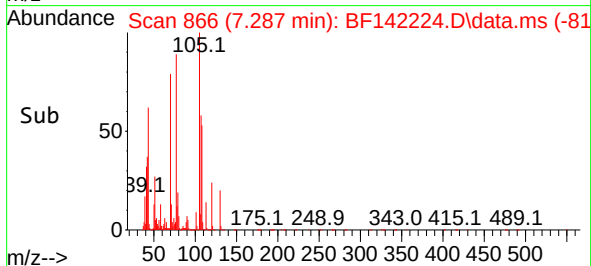
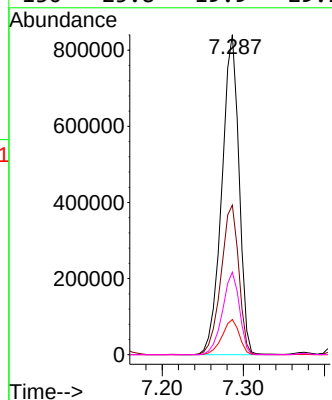
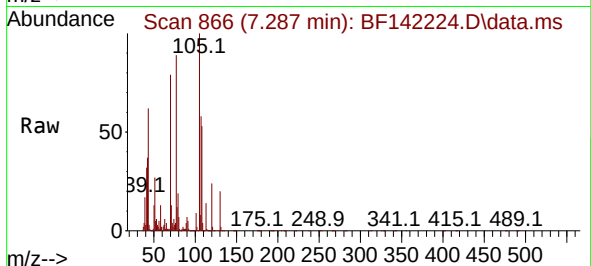


#19
n-Nitroso-di-n-propylamine
Concen: 72.448 ng
RT: 7.287 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 1237082

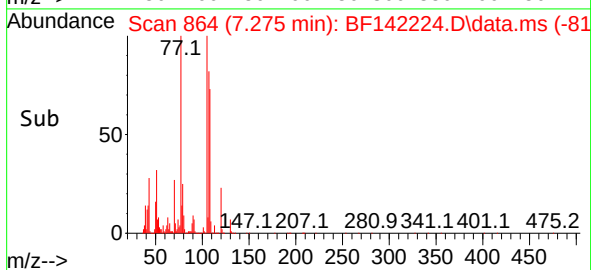
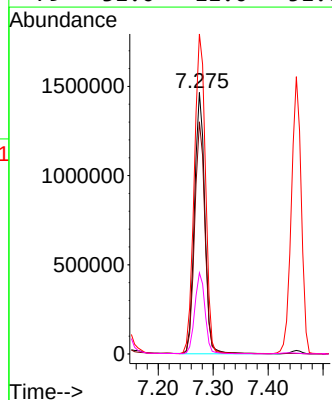
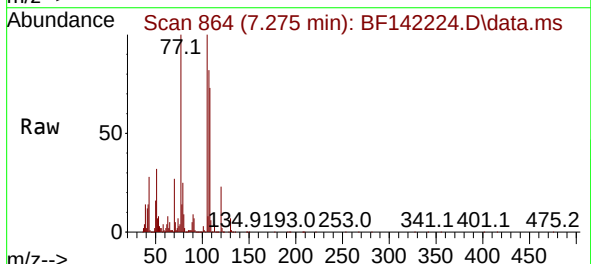
Ion	Ratio	Lower	Upper
70	100		
42	46.8	37.1	55.7
101	11.0	8.6	12.8
130	25.8	19.9	29.9

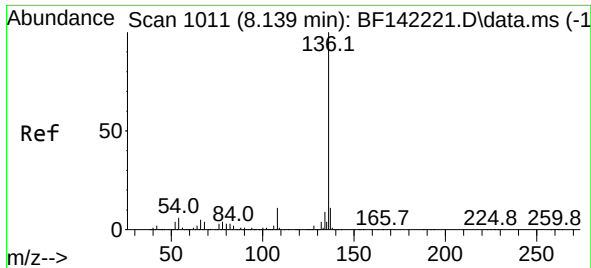


#20
3+4-Methylphenols
Concen: 72.370 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:107 Resp: 1904889

Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.2	110.2
77	122.4	119.4	159.4
79	31.0	11.0	51.0

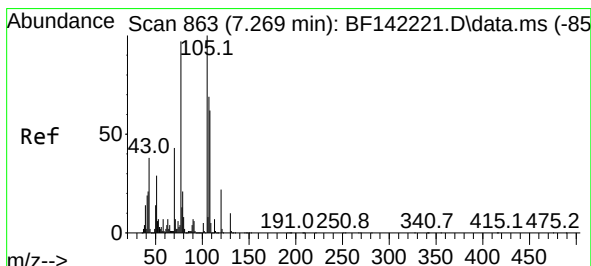
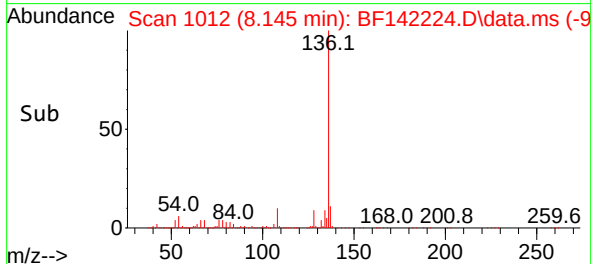
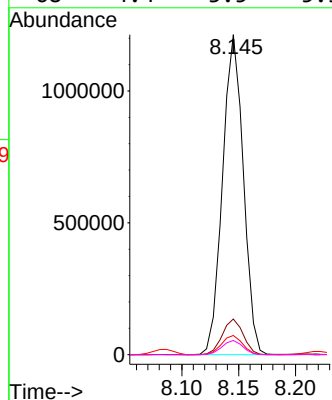
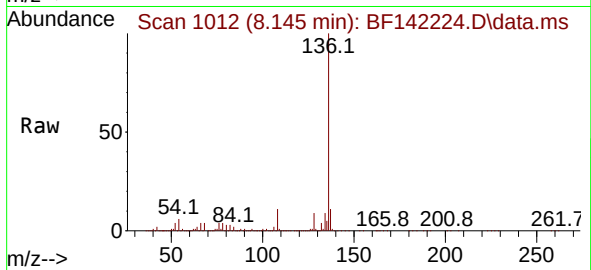




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

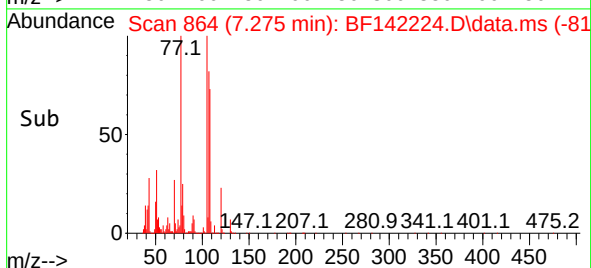
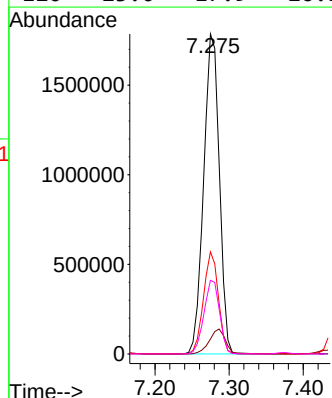
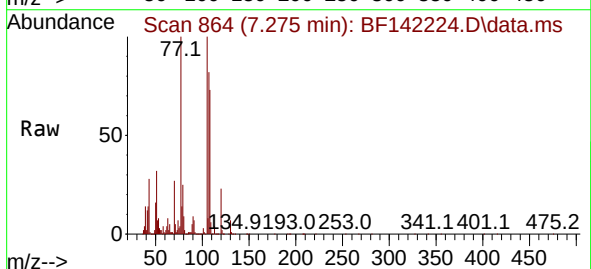
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

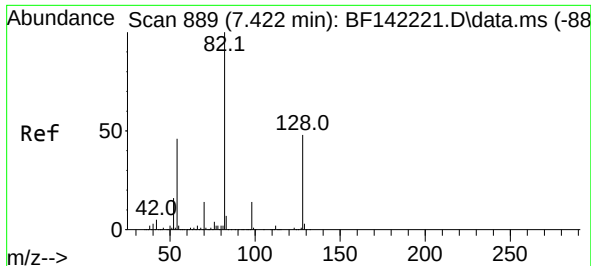
Tgt Ion:136 Resp: 1545910
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.0 4.7 7.1
68 4.4 3.5 5.3



#22
Acetophenone
Concen: 73.325 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:105 Resp: 2622308
Ion Ratio Lower Upper
105 100
71 4.6 5.7 8.5#
51 31.9 23.5 35.3
120 23.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 150.969 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.012 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

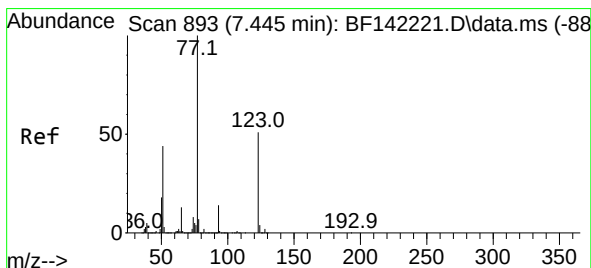
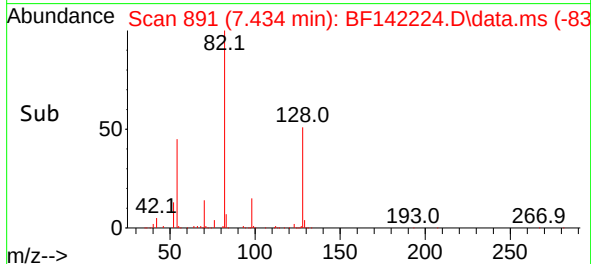
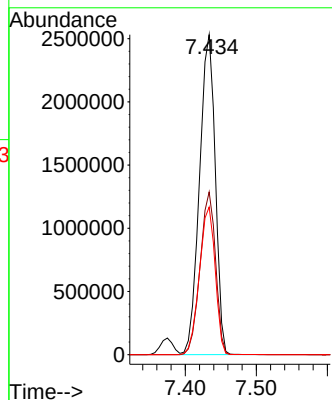
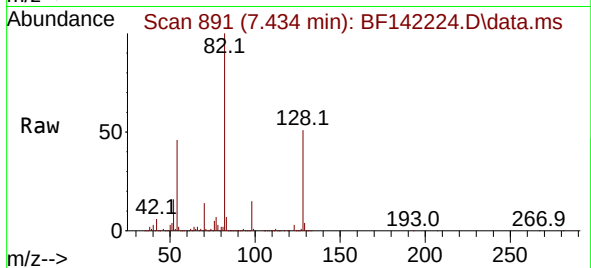
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 3917119

Ion	Ratio	Lower	Upper
82	100		
128	50.9	38.3	57.5
54	46.2	36.4	54.6



#24

Nitrobenzene

Concen: 75.663 ng

RT: 7.451 min Scan# 894

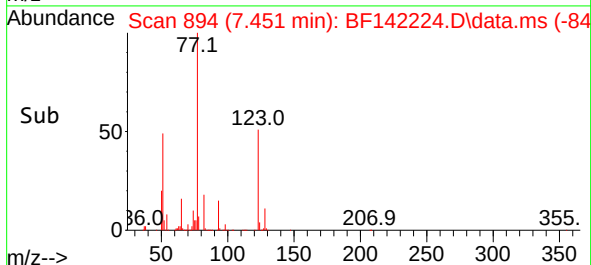
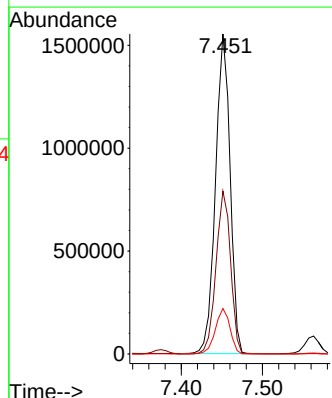
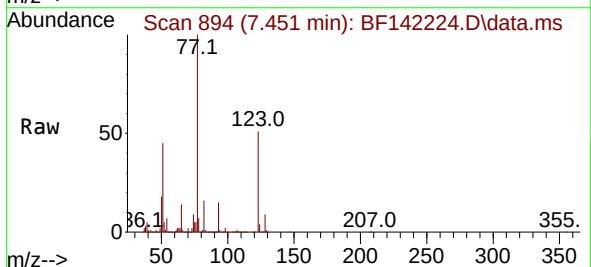
Delta R.T. 0.006 min

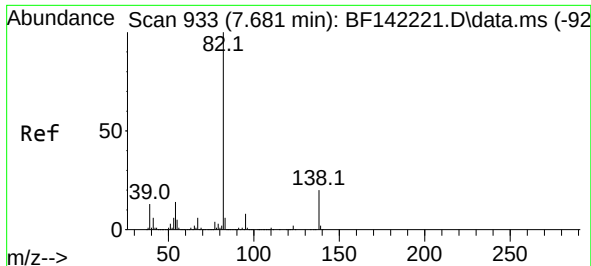
Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Tgt Ion: 77 Resp: 1939383

Ion	Ratio	Lower	Upper
77	100		
123	50.9	41.0	61.6
65	14.2	10.6	16.0

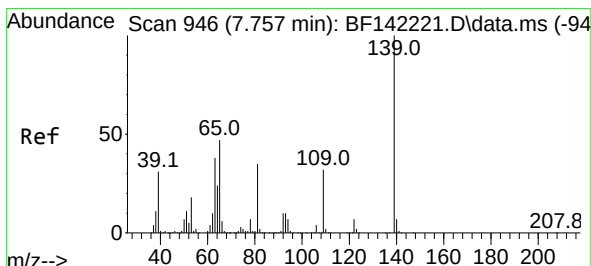
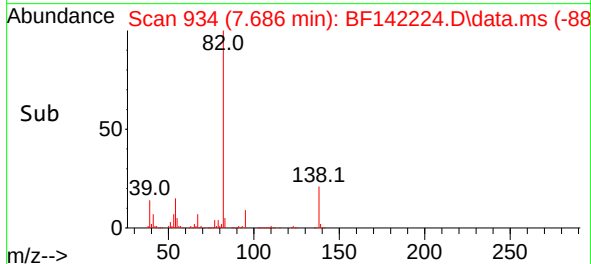
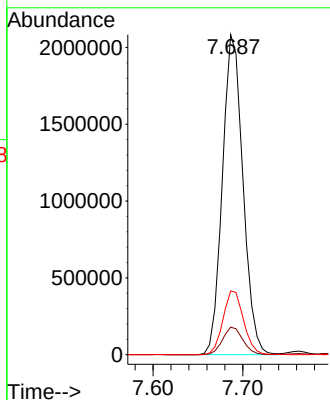
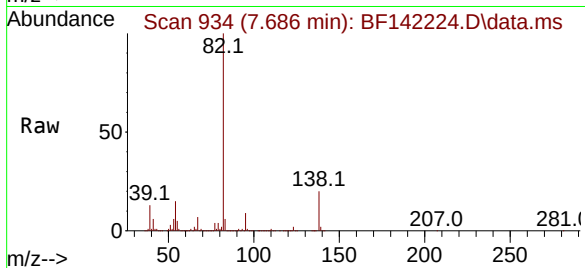




#25
Isophorone
Concen: 77.903 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

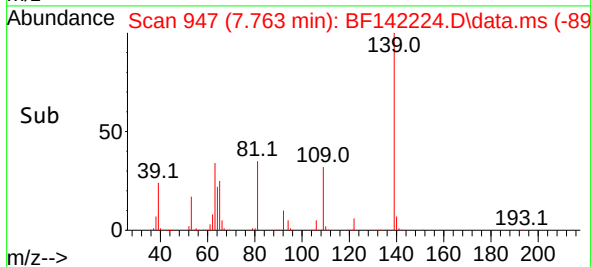
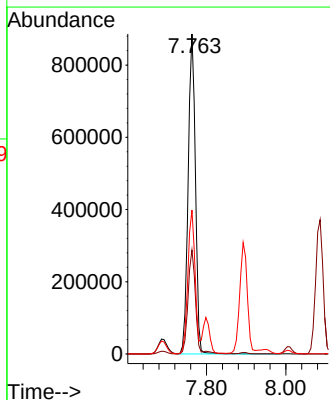
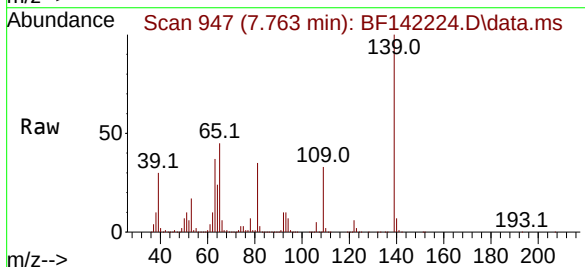
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

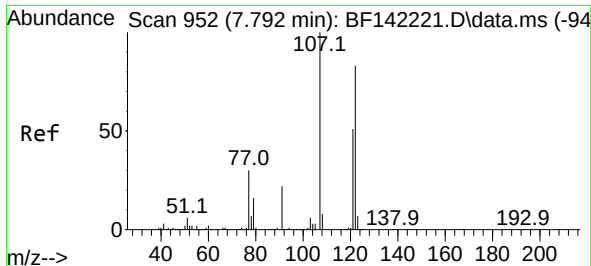
Tgt Ion: 82 Resp: 3314254
Ion Ratio Lower Upper
82 100
95 8.6 6.6 9.8
138 20.0 16.2 24.2



#26
2-Nitrophenol
Concen: 80.397 ng
RT: 7.763 min Scan# 947
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:139 Resp: 1131689
Ion Ratio Lower Upper
139 100
109 32.5 25.5 38.3
65 44.9 37.4 56.2





#27

2,4-Dimethylphenol

Concen: 77.803 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

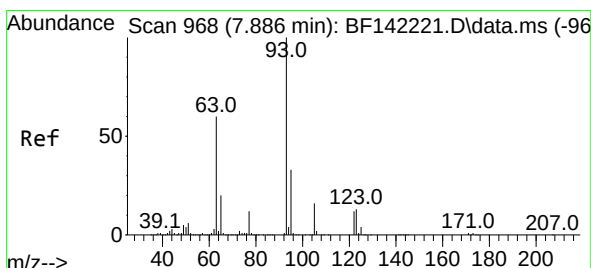
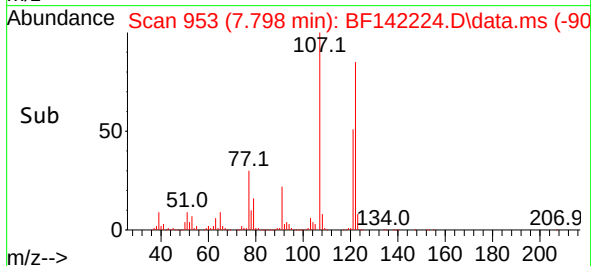
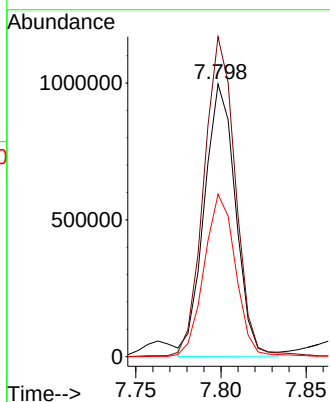
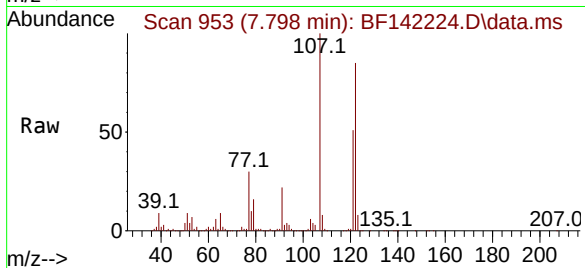
Tgt Ion:122 Resp: 1272688

Ion Ratio Lower Upper

122 100

107 117.3 94.6 141.8

121 59.5 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 75.704 ng

RT: 7.892 min Scan# 969

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

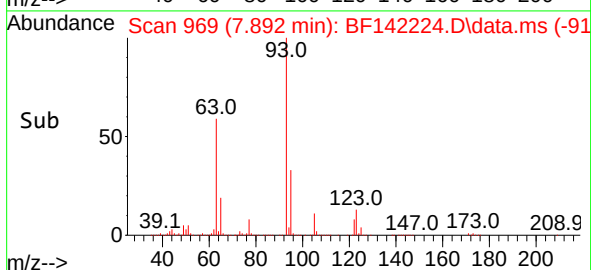
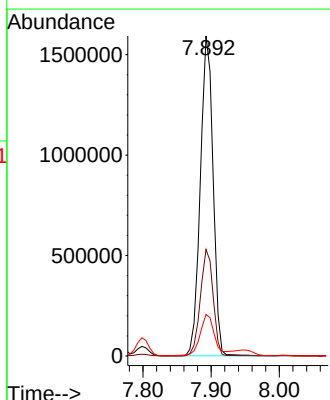
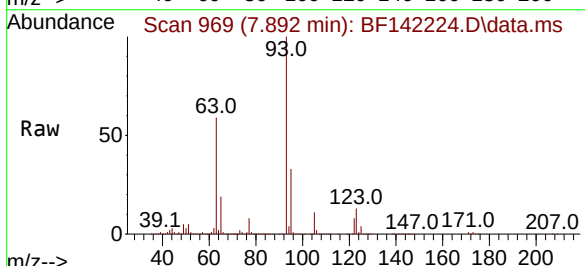
Tgt Ion: 93 Resp: 2077401

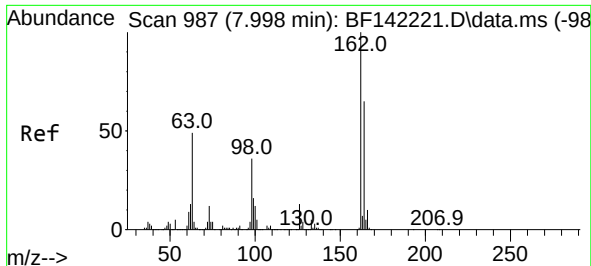
Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

123 12.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 77.658 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

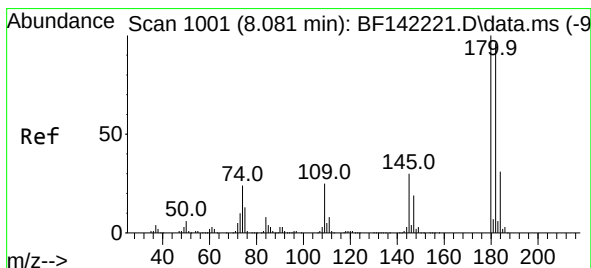
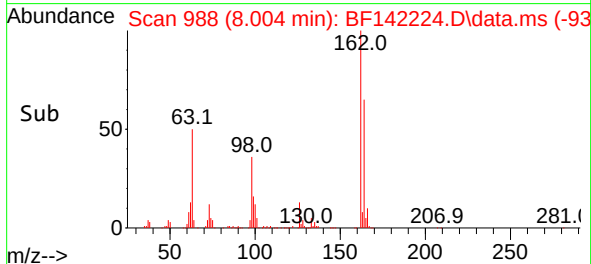
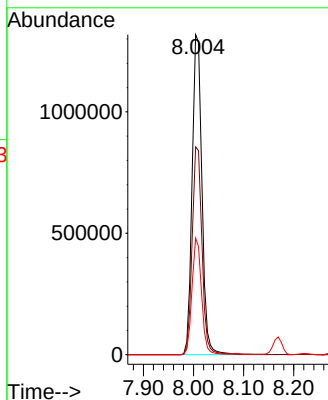
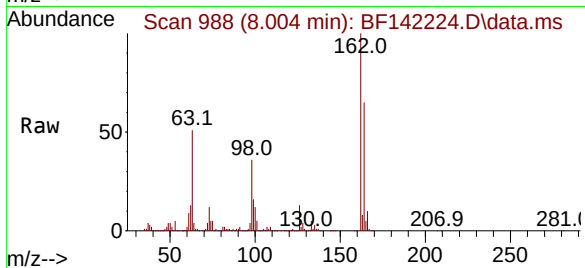
Tgt Ion:162 Resp: 1789605

Ion Ratio Lower Upper

162 100

164 64.9 44.7 84.7

98 36.4 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 76.549 ng

RT: 8.086 min Scan# 1002

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

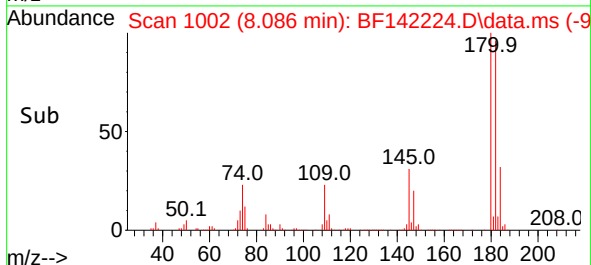
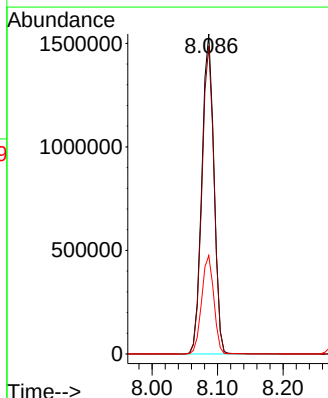
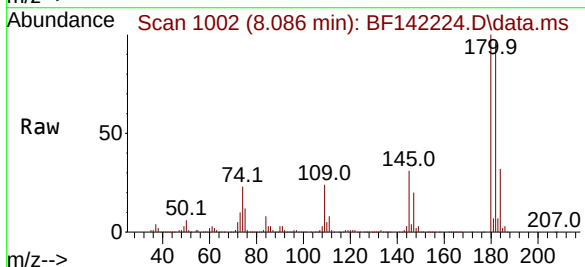
Tgt Ion:180 Resp: 1990333

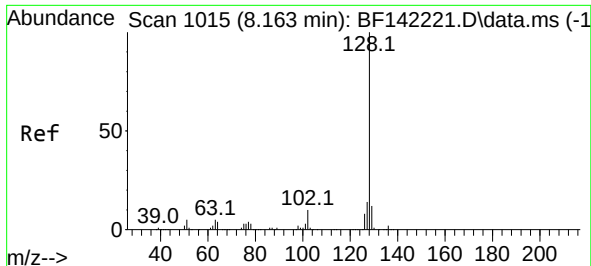
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

145 30.8 24.3 36.5

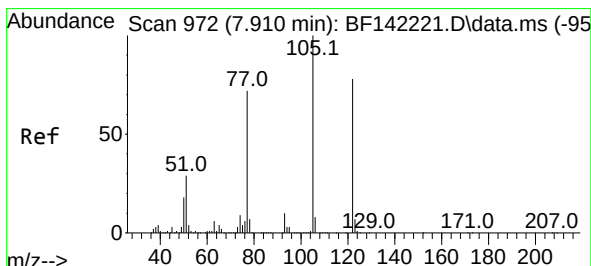
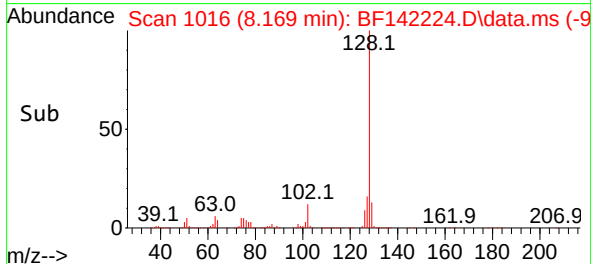
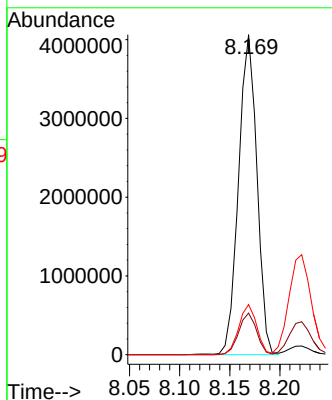
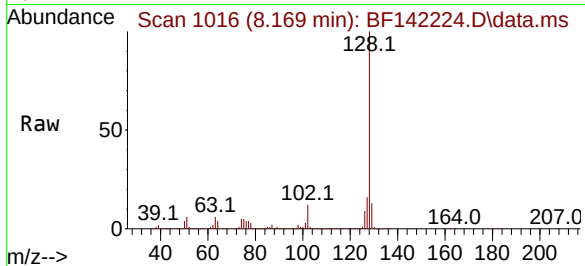




#31
Naphthalene
Concen: 68.332 ng
RT: 8.169 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

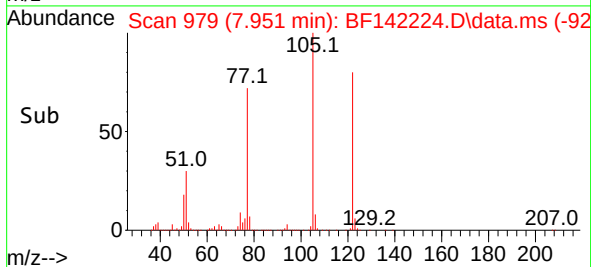
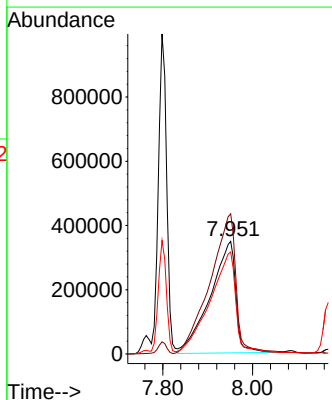
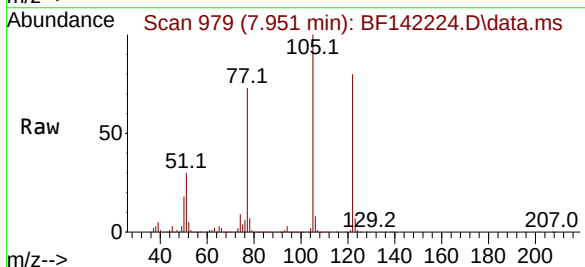
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

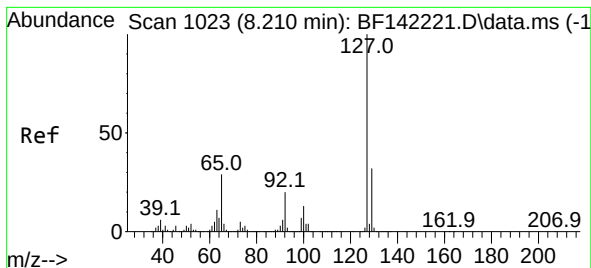
Tgt Ion:128 Resp: 5192063
Ion Ratio Lower Upper
128 100
129 13.0 9.4 14.0
127 15.7 11.0 16.4



#32
Benzoic acid
Concen: 93.030 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.041 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:122 Resp: 1377969
Ion Ratio Lower Upper
122 100
105 124.4 104.9 144.9
77 90.4 70.3 110.3





#33

4-Chloroaniline

Concen: 74.975 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.012 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 2006197

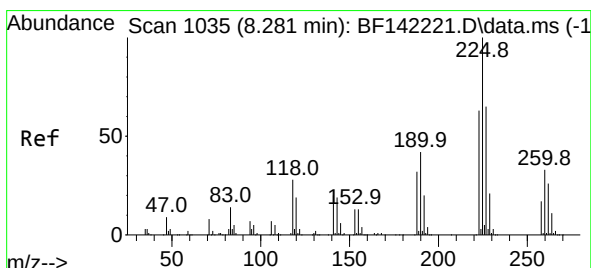
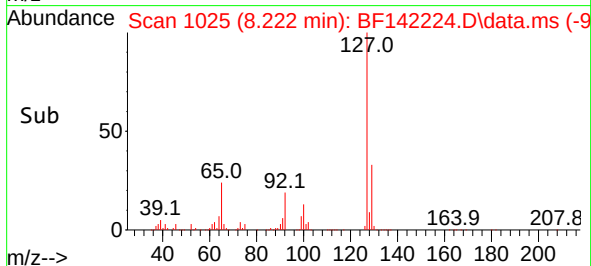
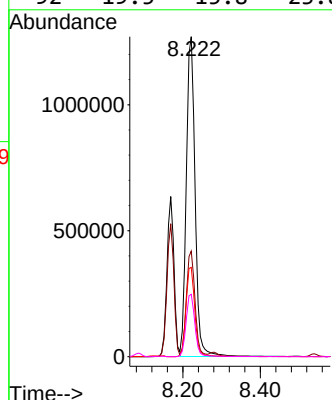
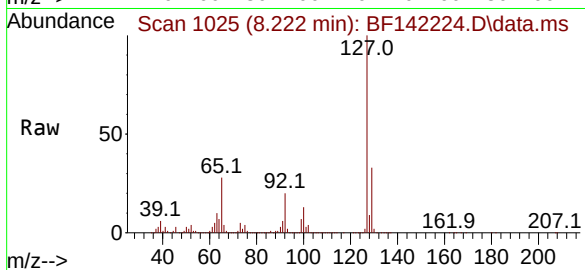
Ion Ratio Lower Upper

127 100

129 33.0 26.0 39.0

65 27.9 22.8 34.2

92 19.5 15.8 23.8



#34

Hexachlorobutadiene

Concen: 77.102 ng

RT: 8.281 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

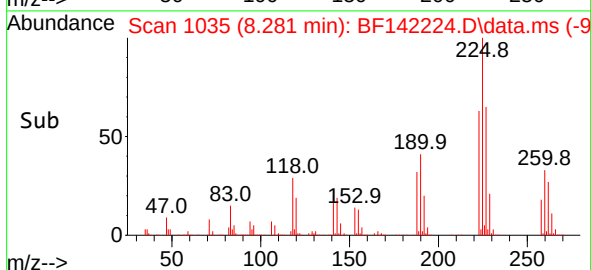
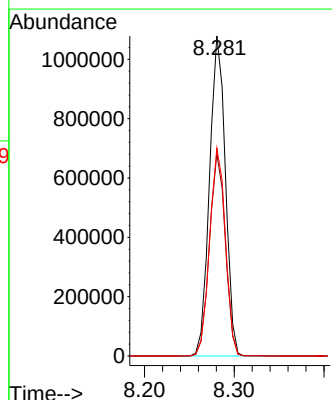
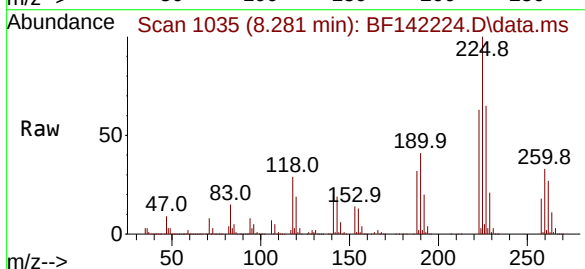
Tgt Ion:225 Resp: 1321462

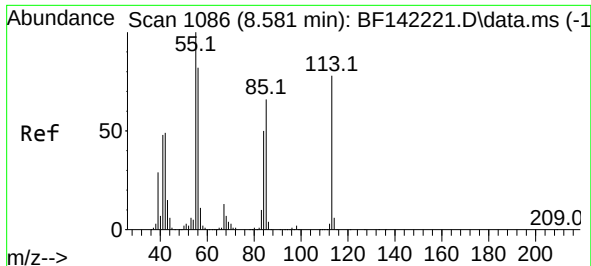
Ion Ratio Lower Upper

225 100

223 63.1 50.3 75.5

227 64.9 51.9 77.9

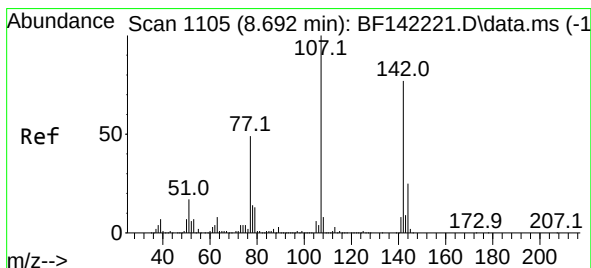
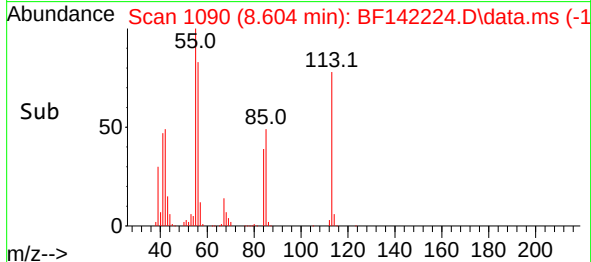
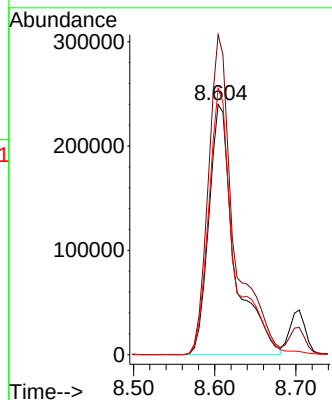
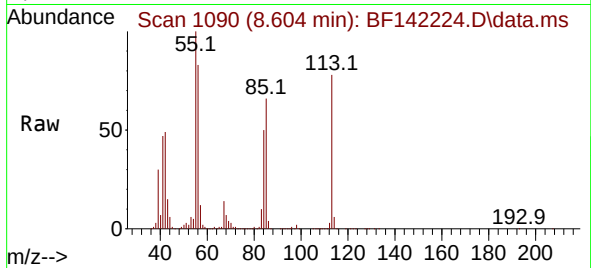




#35
 Caprolactam
 Concen: 77.996 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.024 min
 Lab File: BF142224.D
 Acq: 23 Apr 2025 14:11

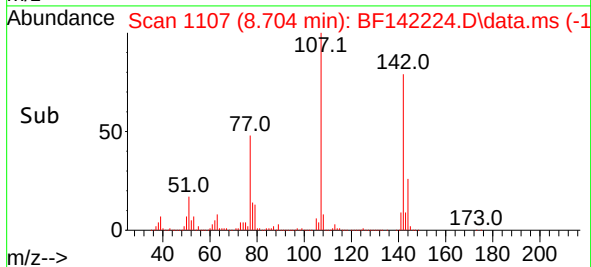
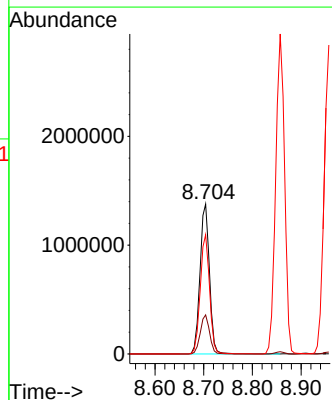
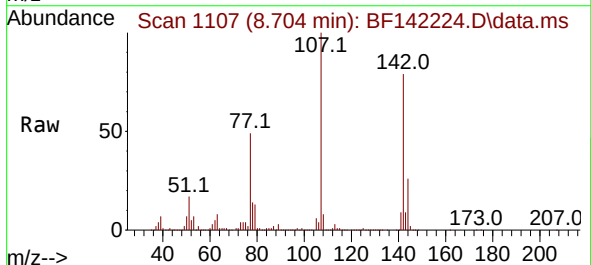
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

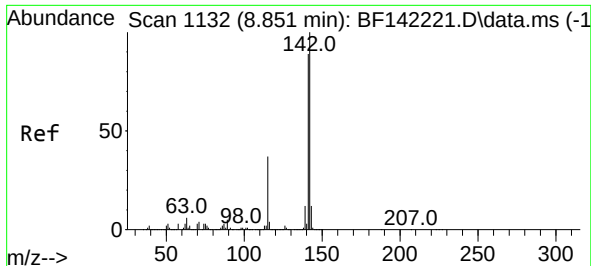
Tgt Ion:113 Resp: 527875
 Ion Ratio Lower Upper
 113 100
 55 127.9 107.8 147.8
 56 106.5 84.5 124.5



#36
 4-Chloro-3-methylphenol
 Concen: 77.825 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF142224.D
 Acq: 23 Apr 2025 14:11

Tgt Ion:107 Resp: 1864381
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.7 29.5
 142 79.4 61.8 92.8

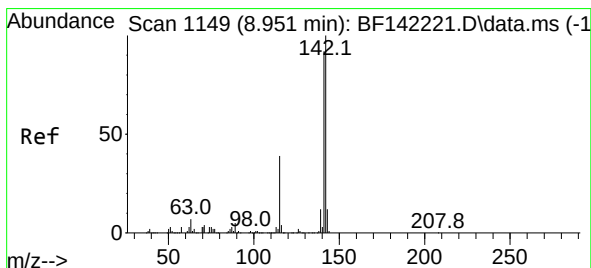
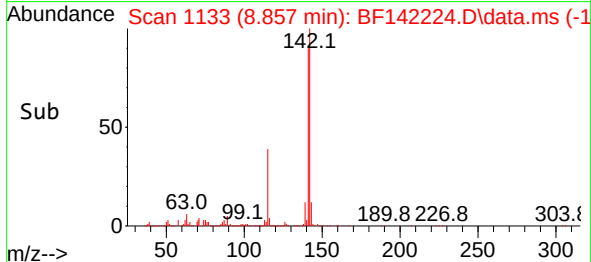
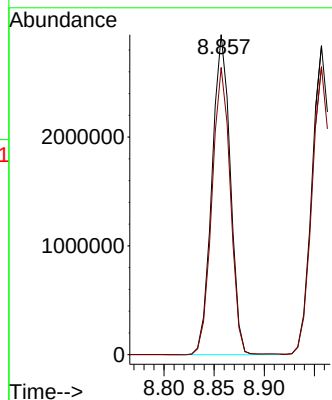
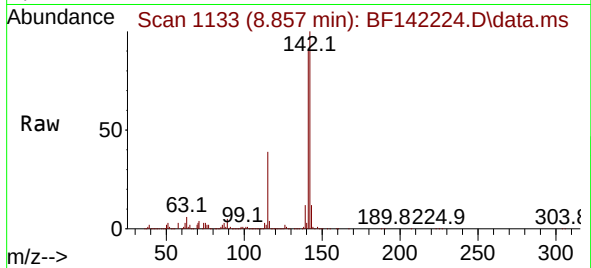




#37
2-Methylnaphthalene
Concen: 73.336 ng
RT: 8.857 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

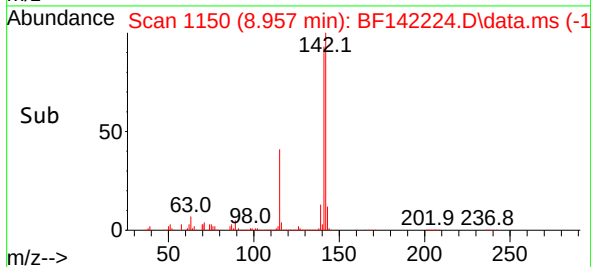
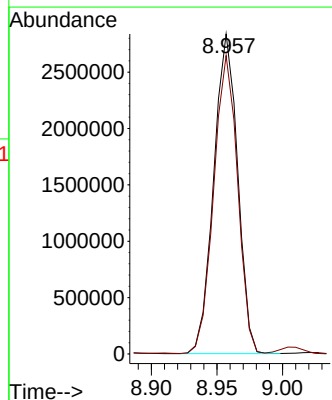
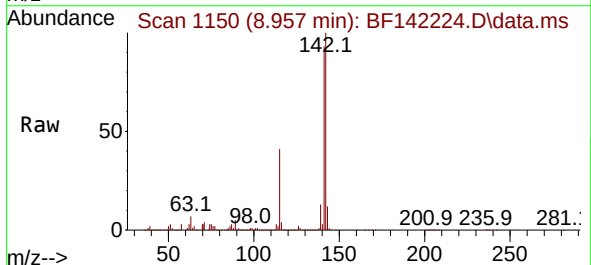
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

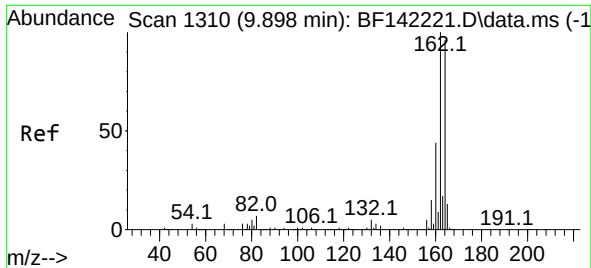
Tgt Ion:142 Resp: 3739214
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3



#38
1-Methylnaphthalene
Concen: 72.431 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:142 Resp: 3598065
Ion Ratio Lower Upper
142 100
141 93.3 73.6 110.4

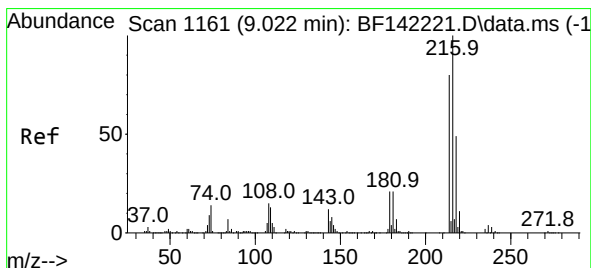
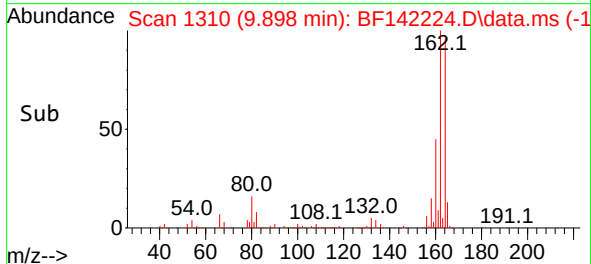
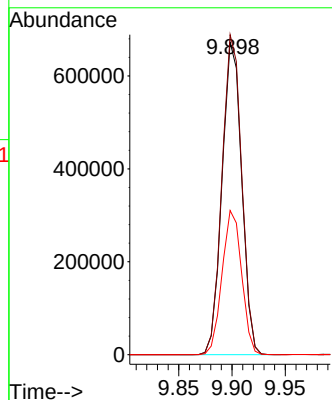
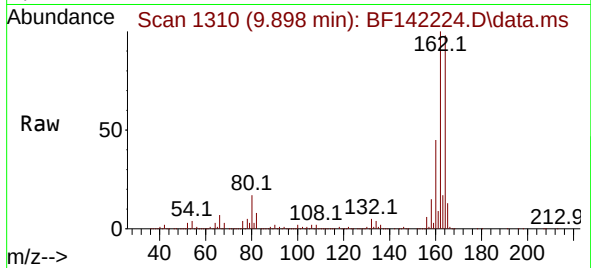




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

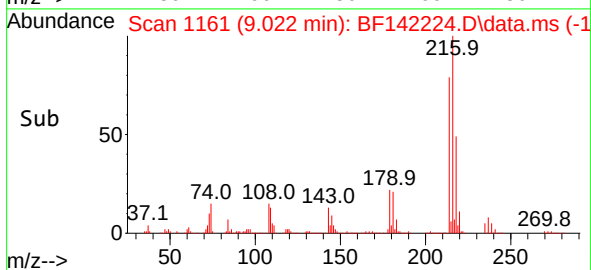
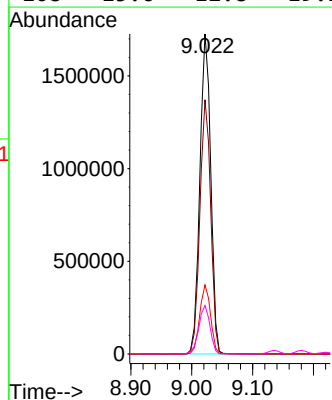
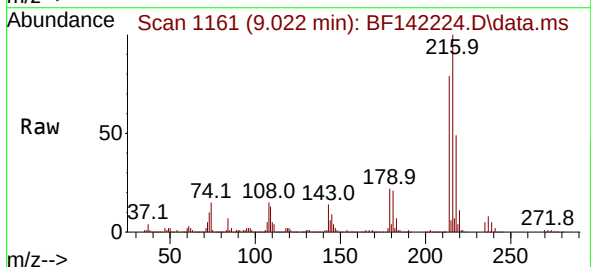
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

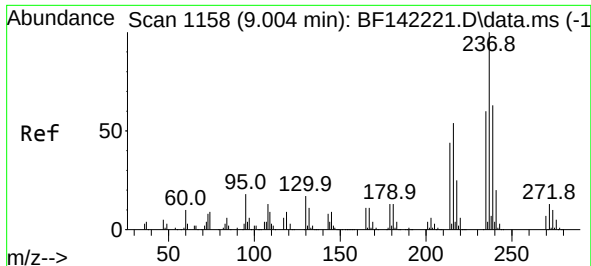
Tgt Ion:164 Resp: 859142
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.6
160 46.1 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.845 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:216 Resp: 2132438
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 21.4 17.0 25.6
108 15.6 12.8 19.2

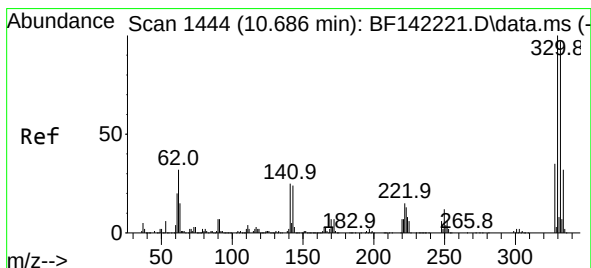
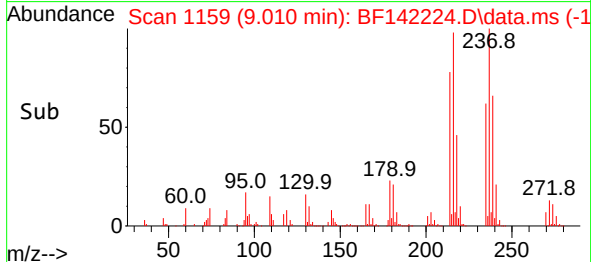
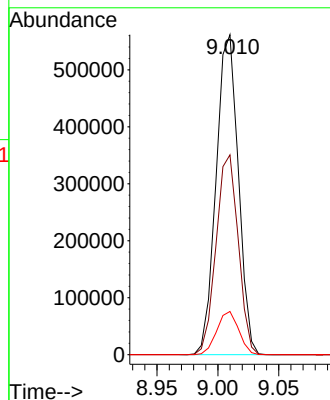
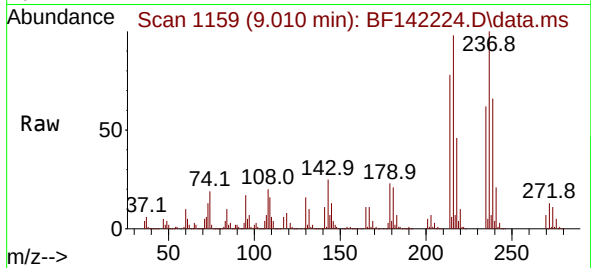




#41
 Hexachlorocyclopentadiene
 Concen: 79.680 ng
 RT: 9.010 min Scan# 1158
 Delta R.T. 0.006 min
 Lab File: BF142224.D
 Acq: 23 Apr 2025 14:11

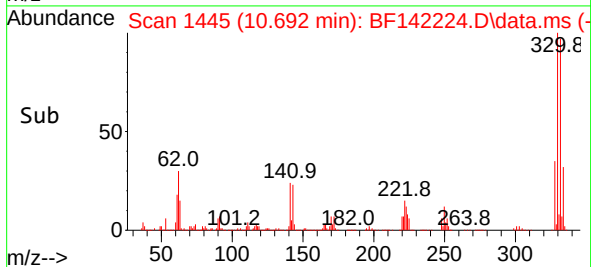
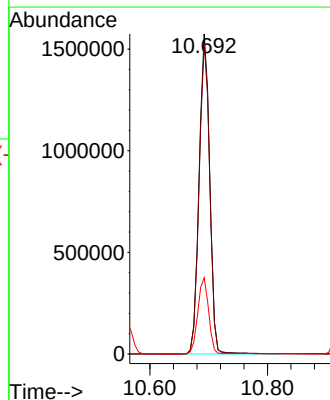
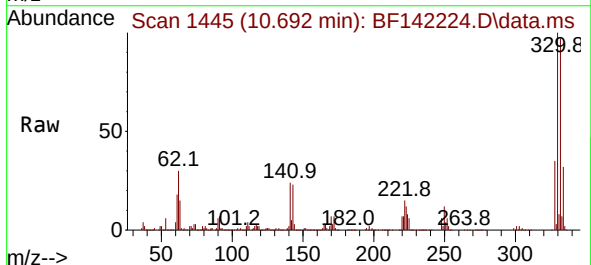
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

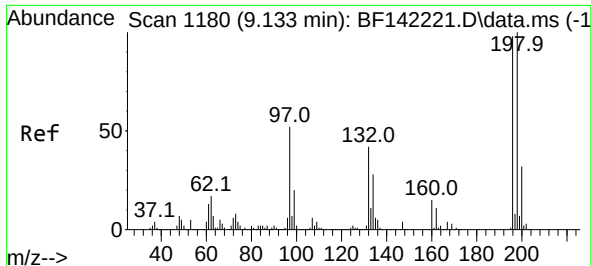
Tgt Ion:237 Resp: 713235
 Ion Ratio Lower Upper
 237 100
 235 62.4 40.0 80.0
 272 13.5 0.0 32.9



#42
 2,4,6-Tribromophenol
 Concen: 163.897 ng
 RT: 10.692 min Scan# 1445
 Delta R.T. 0.006 min
 Lab File: BF142224.D
 Acq: 23 Apr 2025 14:11

Tgt Ion:330 Resp: 1973809
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.2 115.8
 141 24.2 20.2 30.4

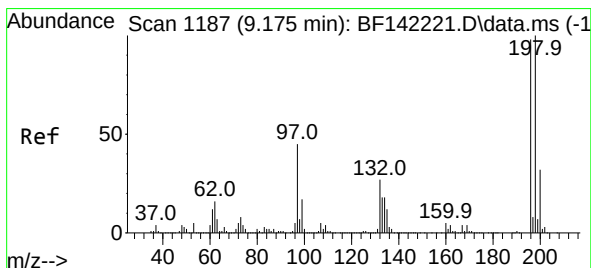
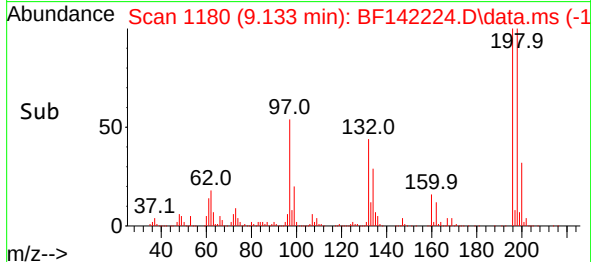
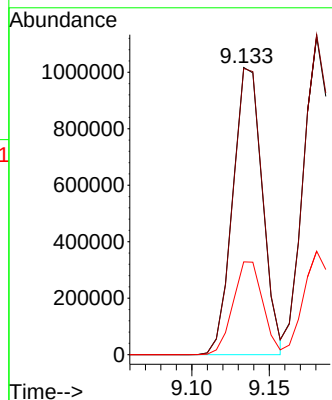
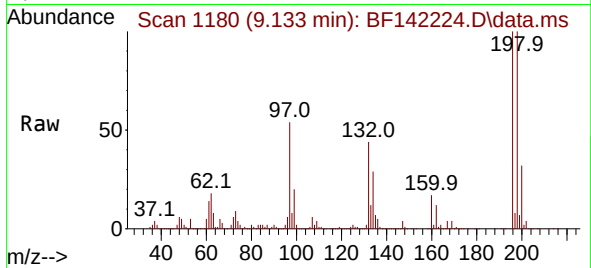




#43
2,4,6-Trichlorophenol
Concen: 81.562 ng
RT: 9.133 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

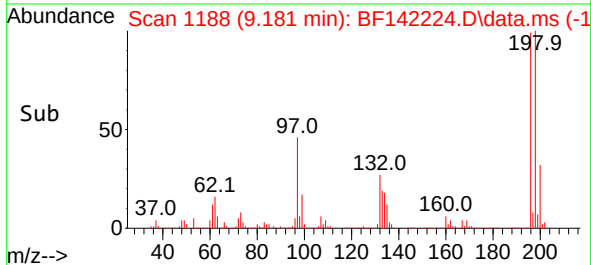
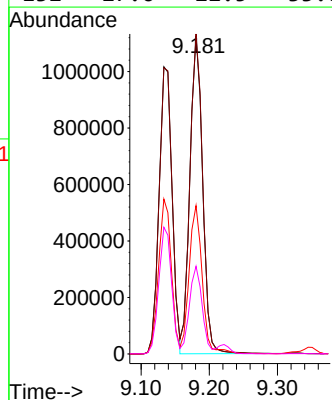
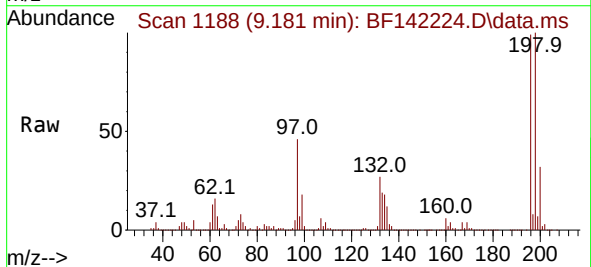
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

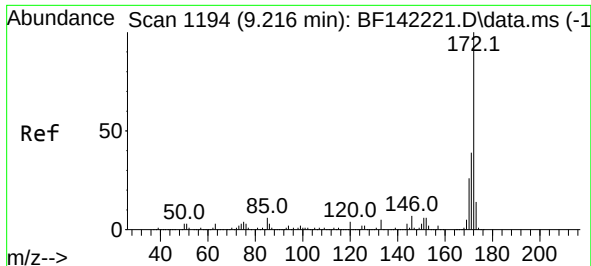
Tgt Ion:196 Resp: 1351670
Ion Ratio Lower Upper
196 100
198 99.7 81.3 121.9
200 32.3 25.8 38.8



#44
2,4,5-Trichlorophenol
Concen: 81.927 ng
RT: 9.181 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:196 Resp: 1455869
Ion Ratio Lower Upper
196 100
198 100.6 81.4 122.0
97 46.6 37.4 56.2
132 27.6 22.5 33.7

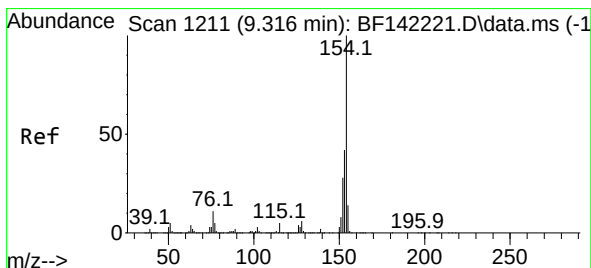
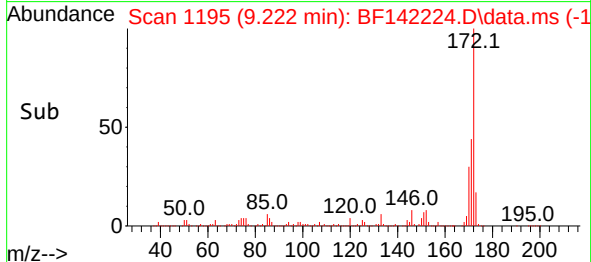
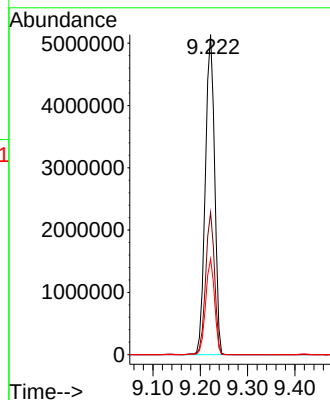
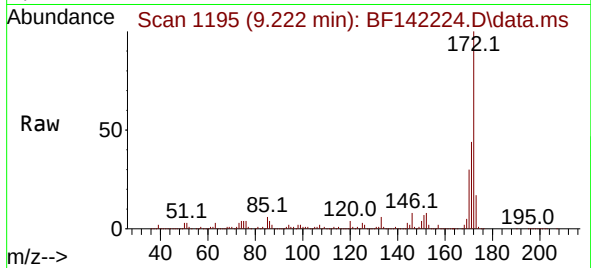




#45
2-Fluorobiphenyl
Concen: 130.945 ng
RT: 9.222 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

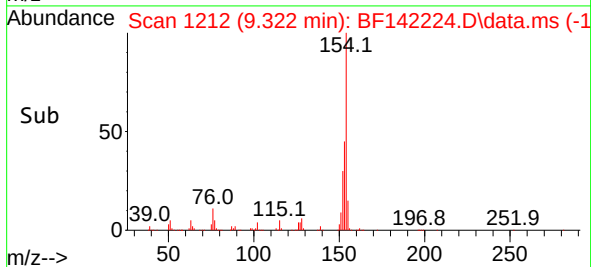
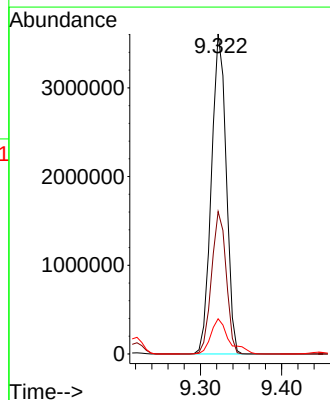
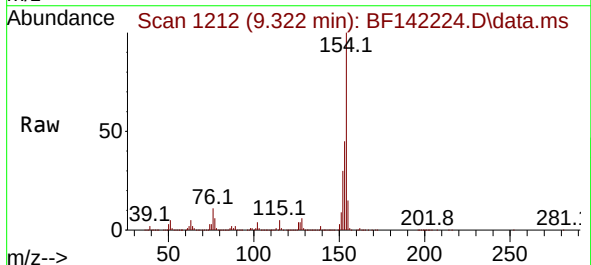
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

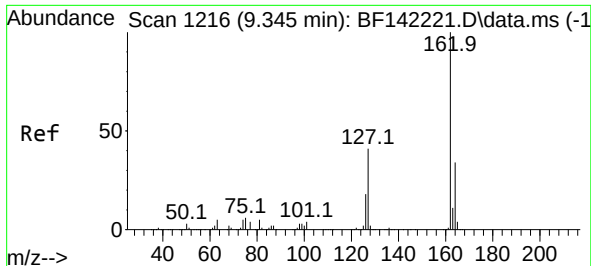
Tgt Ion:172 Resp: 6991357
Ion Ratio Lower Upper
172 100
171 44.4 30.9 46.3
170 29.9 20.6 30.8



#46
1,1'-Biphenyl
Concen: 71.996 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:154 Resp: 4554772
Ion Ratio Lower Upper
154 100
153 44.5 22.0 62.0
76 11.0 0.0 30.7





#47

2-Chloronaphthalene

Concen: 74.006 ng

RT: 9.351 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

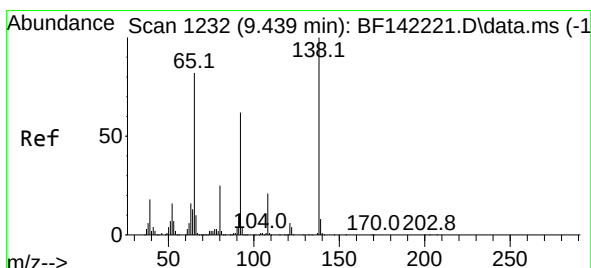
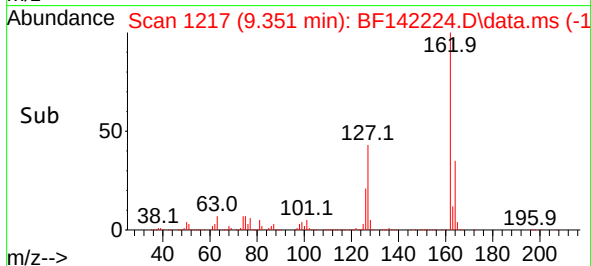
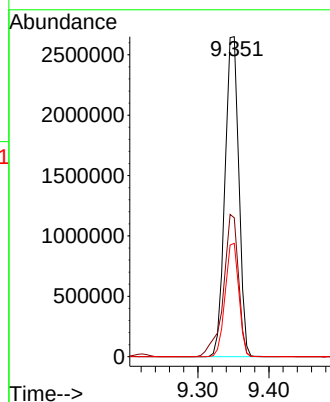
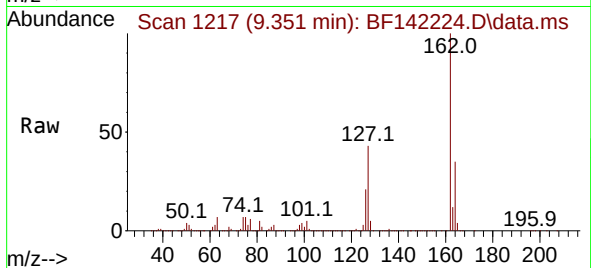
Tgt Ion:162 Resp: 3590064

Ion Ratio Lower Upper

162 100

127 43.4 33.4 50.0

164 35.4 26.9 40.3



#48

2-Nitroaniline

Concen: 80.468 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

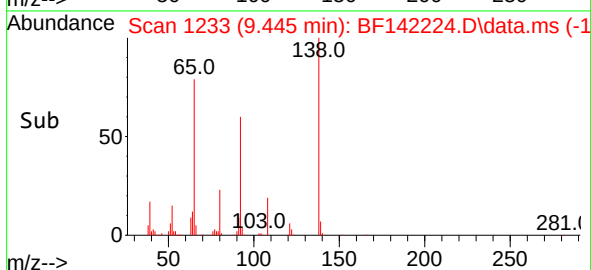
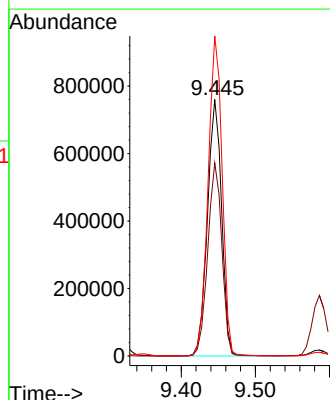
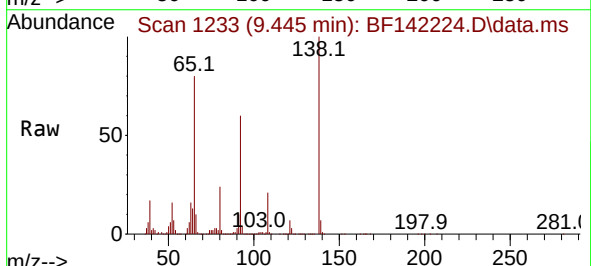
Tgt Ion: 65 Resp: 1010292

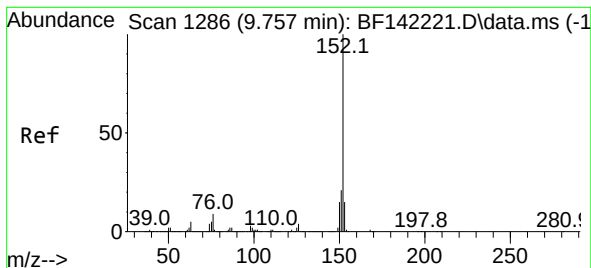
Ion Ratio Lower Upper

65 100

92 75.3 60.6 91.0

138 124.8 97.8 146.6





#49

Acenaphthylene

Concen: 70.904 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

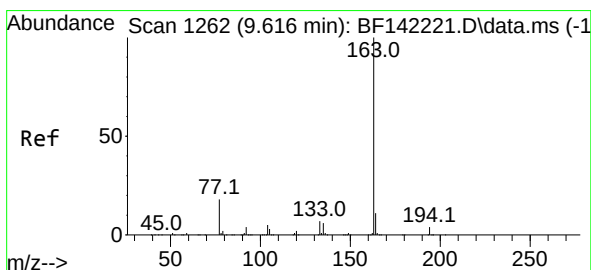
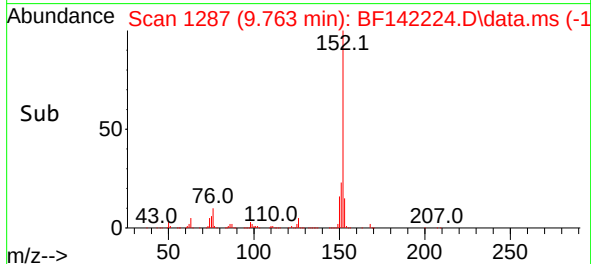
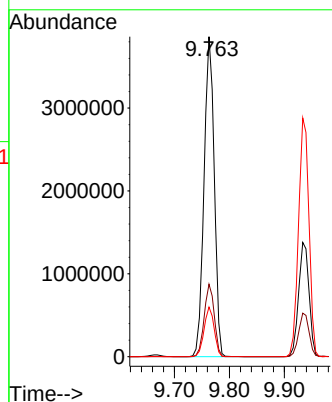
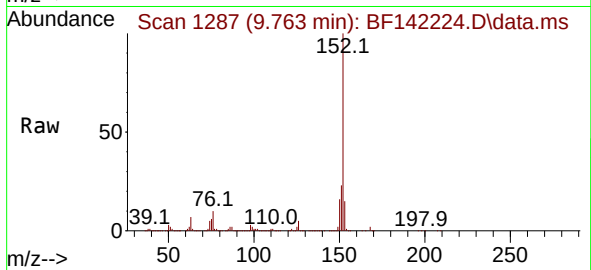
Tgt Ion:152 Resp: 4989024

Ion Ratio Lower Upper

152 100

151 22.7 16.7 25.1

153 15.5 11.6 17.4



#50

Dimethylphthalate

Concen: 75.896 ng

RT: 9.628 min Scan# 1264

Delta R.T. 0.012 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

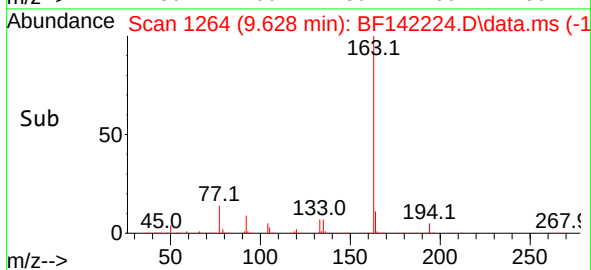
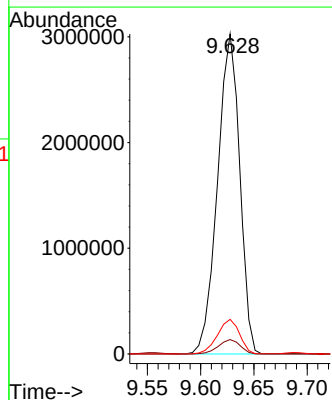
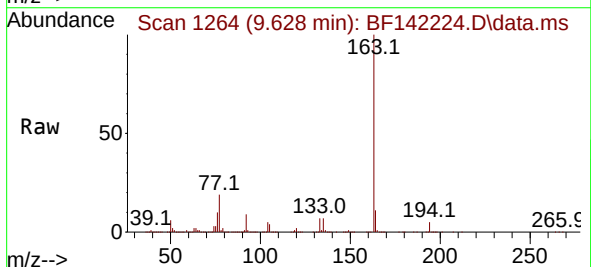
Tgt Ion:163 Resp: 4378849

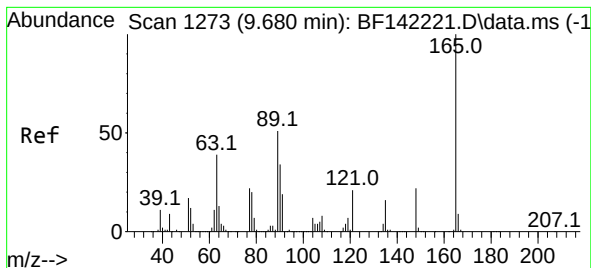
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.8 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 79.536 ng

RT: 9.686 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

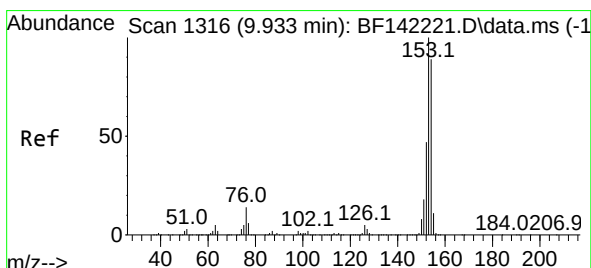
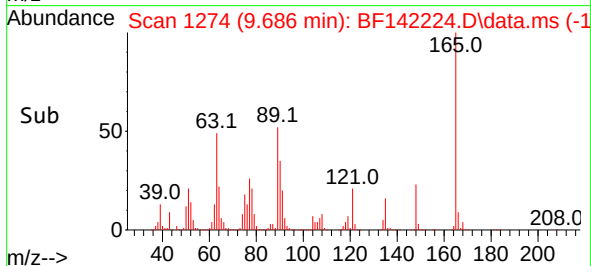
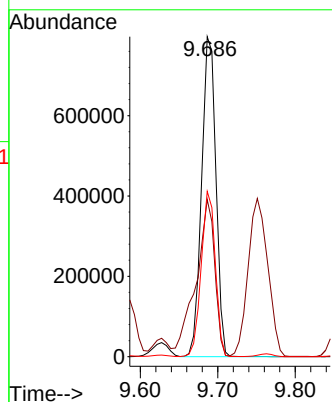
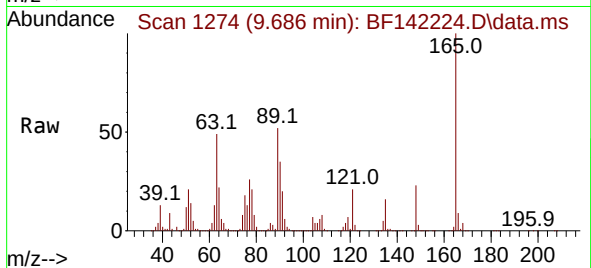
Tgt Ion:165 Resp: 1021833

Ion Ratio Lower Upper

165 100

63 49.1 37.9 56.9

89 51.7 40.6 61.0



#52

Acenaphthene

Concen: 76.567 ng

RT: 9.933 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

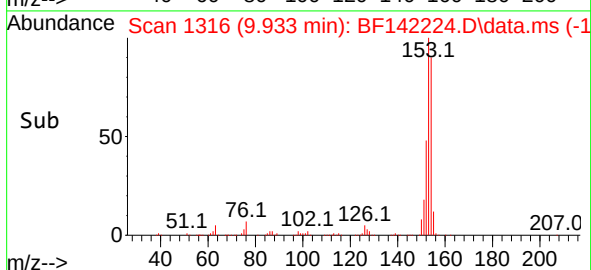
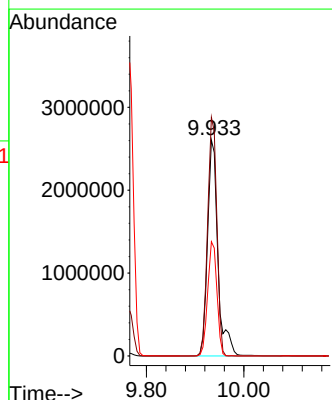
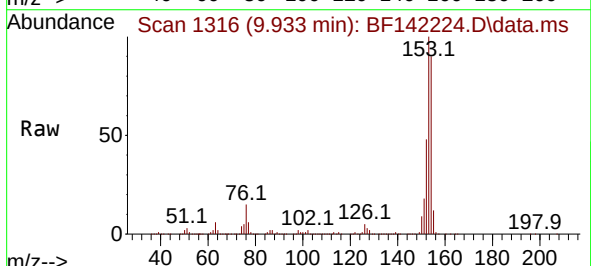
Tgt Ion:154 Resp: 3850690

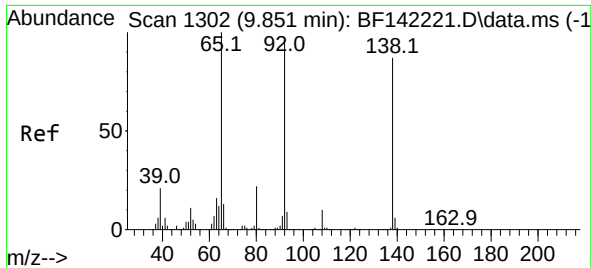
Ion Ratio Lower Upper

154 100

153 110.6 89.5 134.3

152 52.9 41.9 62.9

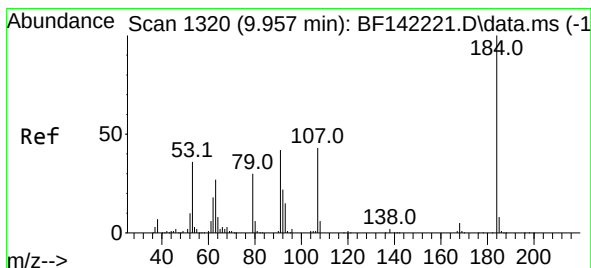
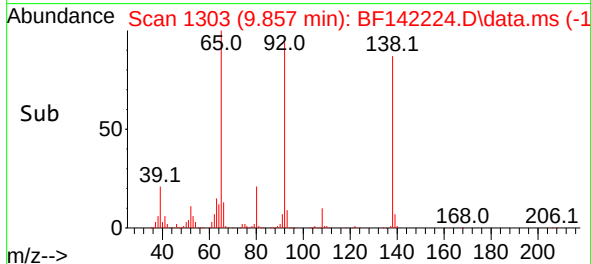
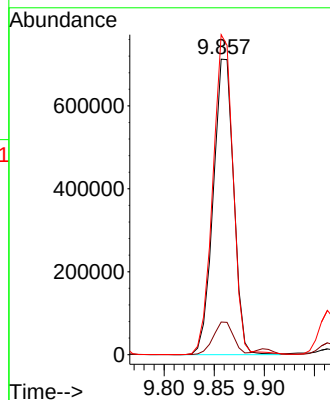
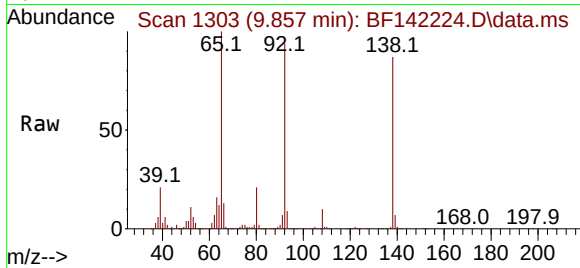




#53
3-Nitroaniline
Concen: 80.462 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

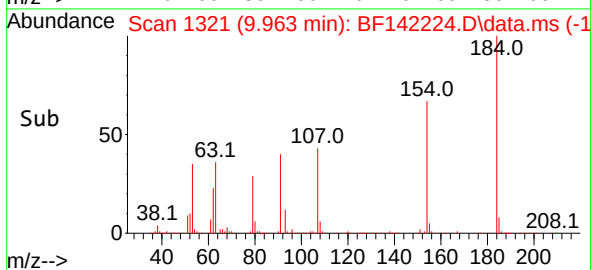
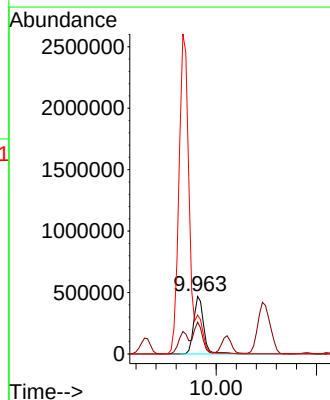
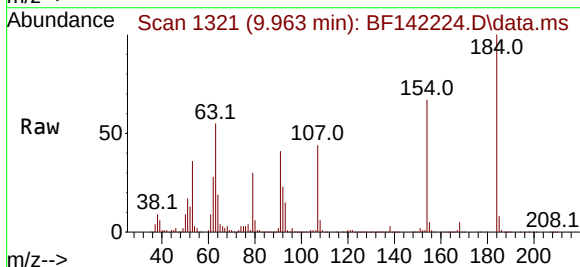
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

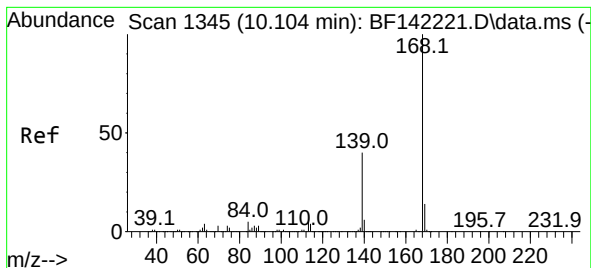
Tgt Ion:138 Resp: 1011763
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.6
92 108.3 88.5 132.7



#54
2,4-Dinitrophenol
Concen: 92.349 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:184 Resp: 642653
Ion Ratio Lower Upper
184 100
63 55.3 44.6 66.8
154 67.4 54.2 81.4

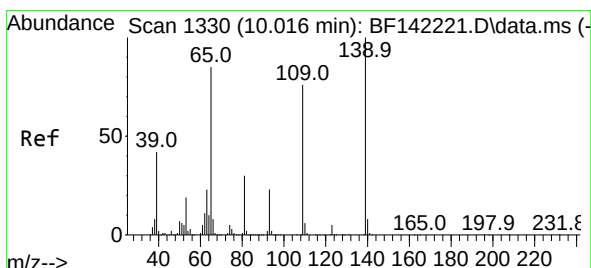
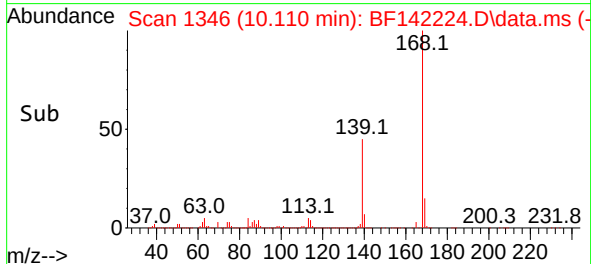
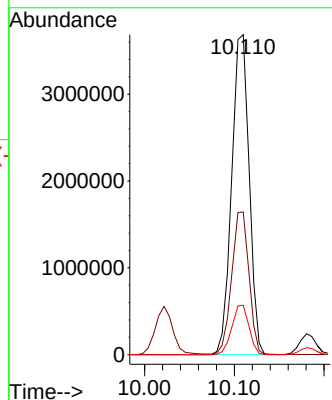
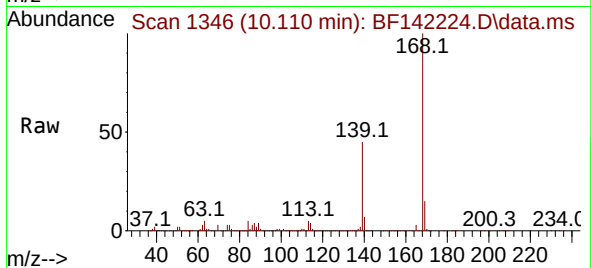




#55
Dibenzenofuran
Concen: 70.276 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

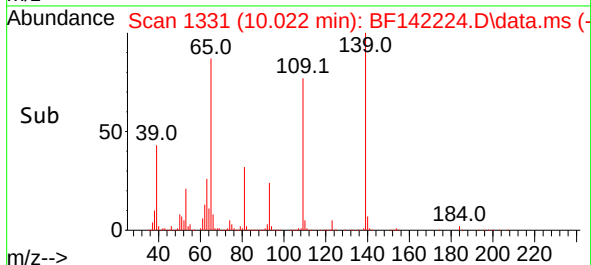
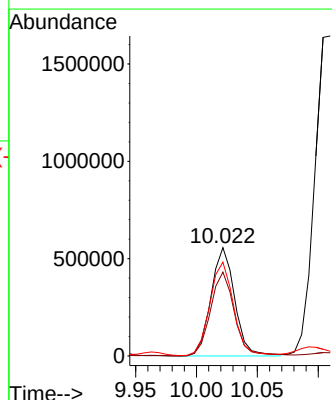
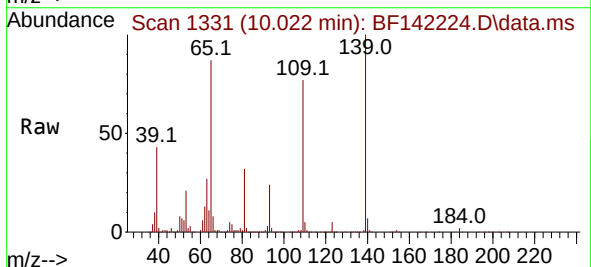
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

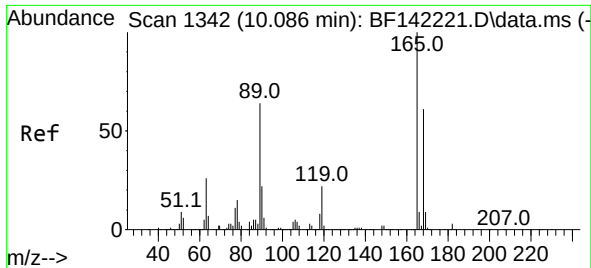
Tgt Ion:168 Resp: 4982432
Ion Ratio Lower Upper
168 100
139 44.6 32.6 48.8
169 15.4 11.2 16.8



#56
4-Nitrophenol
Concen: 82.355 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:139 Resp: 754388
Ion Ratio Lower Upper
139 100
109 77.4 55.8 95.8
65 86.6 65.5 105.5

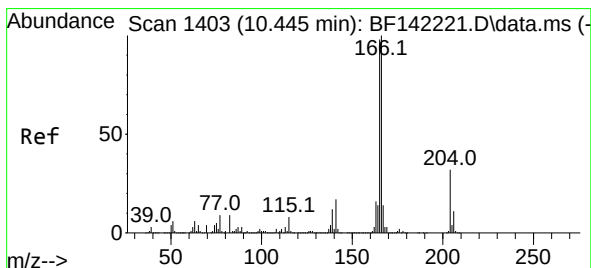
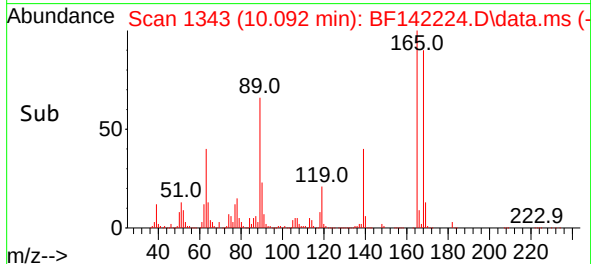
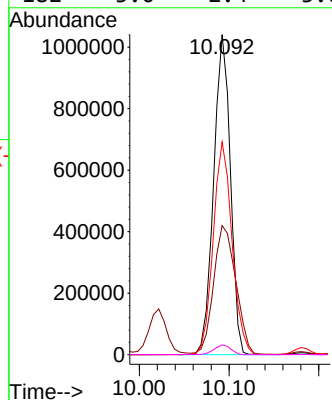
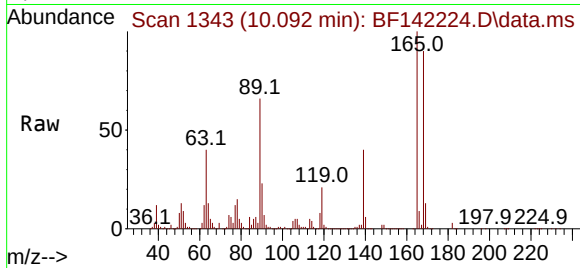




#57
2,4-Dinitrotoluene
Concen: 78.115 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

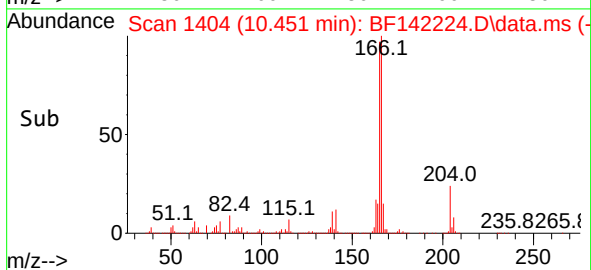
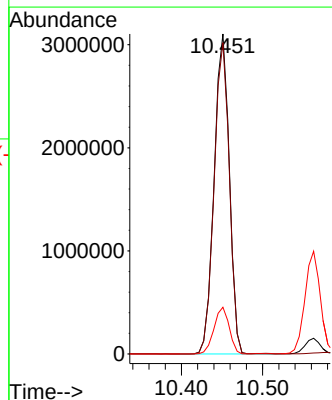
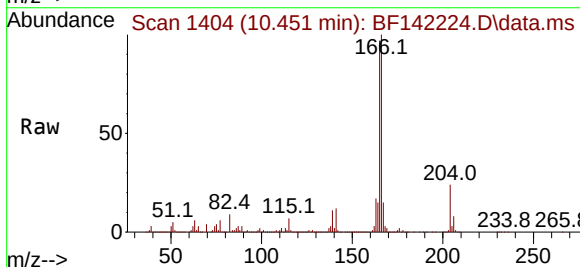
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

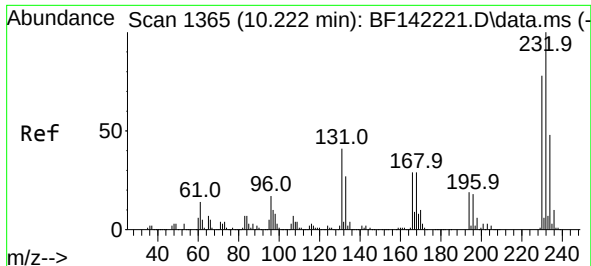
Tgt Ion:165 Resp: 1344741
Ion Ratio Lower Upper
165 100
63 40.4 31.1 46.7
89 66.5 51.7 77.5
182 3.0 2.4 3.6



#58
Fluorene
Concen: 72.619 ng
RT: 10.451 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:166 Resp: 4036701
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 14.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 82.343 ng

RT: 10.227 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 1327625

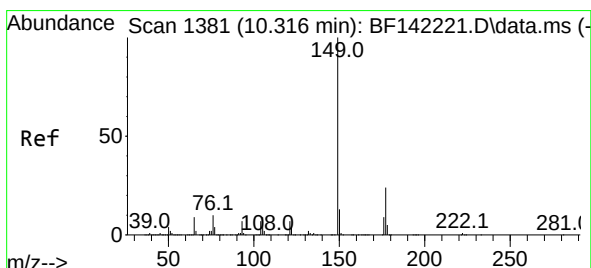
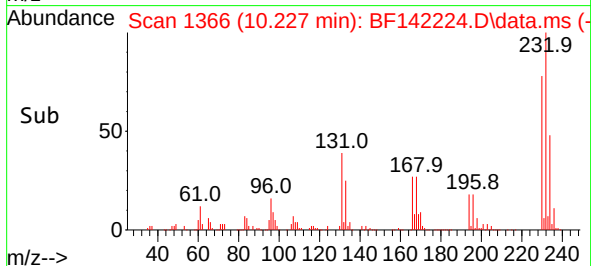
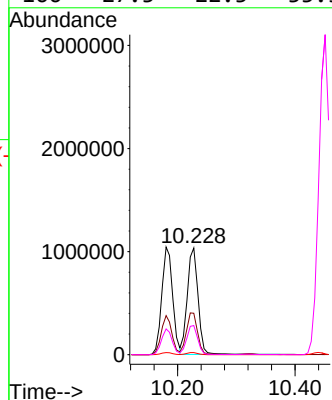
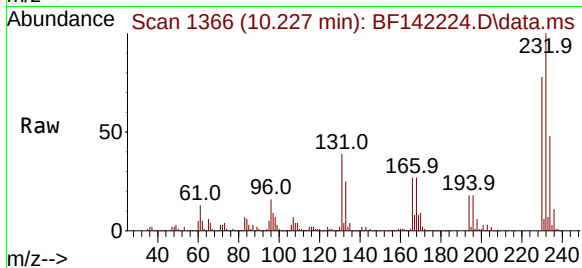
Ion Ratio Lower Upper

232 100

131 40.2 32.2 48.2

130 2.0 1.7 2.5

166 27.3 22.3 33.5



#60

Diethylphthalate

Concen: 74.307 ng

RT: 10.322 min Scan# 1382

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

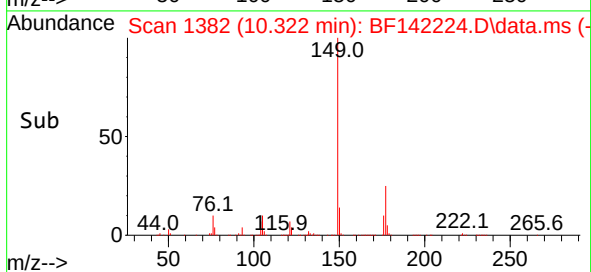
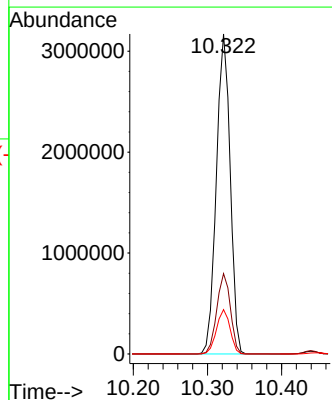
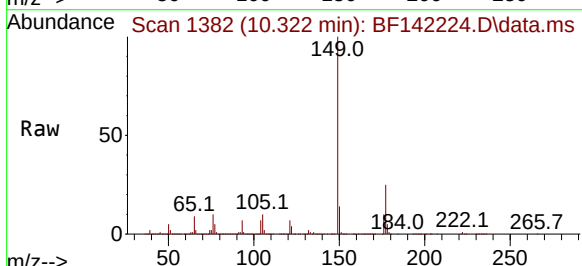
Tgt Ion:149 Resp: 4100071

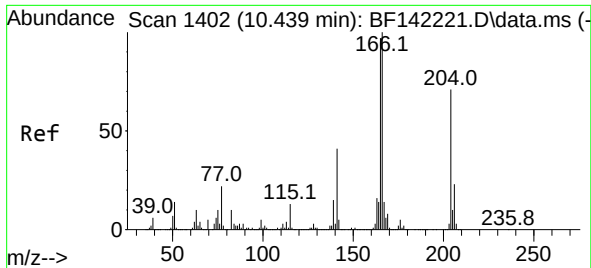
Ion Ratio Lower Upper

149 100

177 25.1 19.0 28.6

150 13.9 10.3 15.5

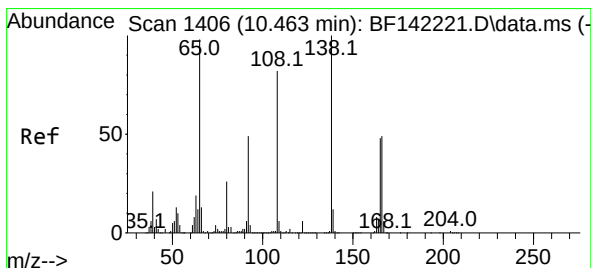
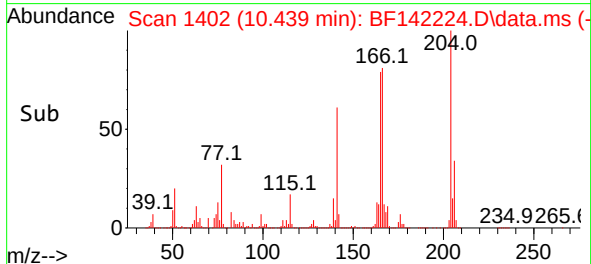
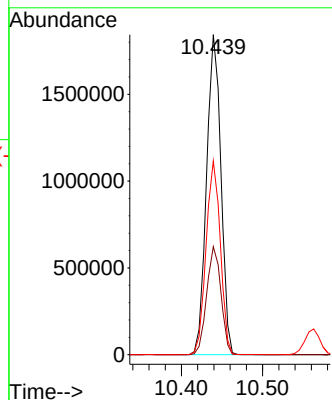
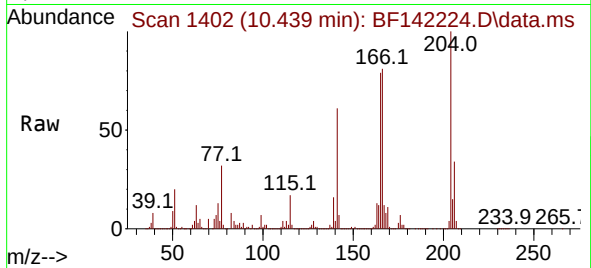




#61
4-Chlorophenyl-phenylether
Concen: 76.621 ng
RT: 10.439 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

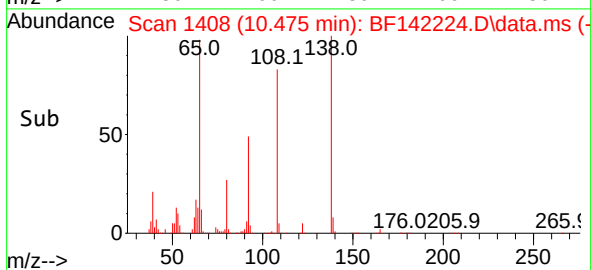
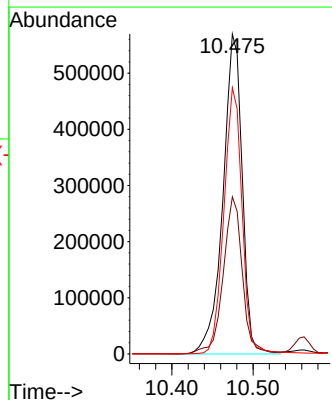
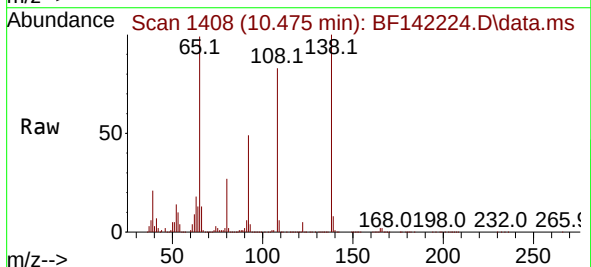
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

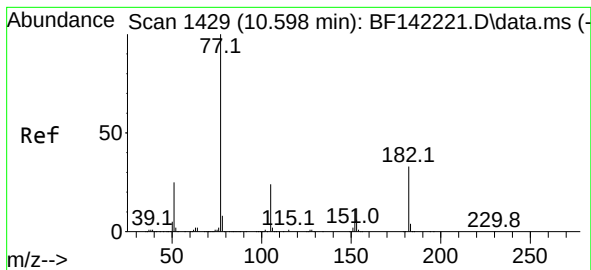
Tgt Ion:204 Resp: 2254954
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 60.5 46.4 69.6



#62
4-Nitroaniline
Concen: 75.690 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:138 Resp: 941469
Ion Ratio Lower Upper
138 100
92 49.1 29.3 69.3
108 83.2 61.6 101.6

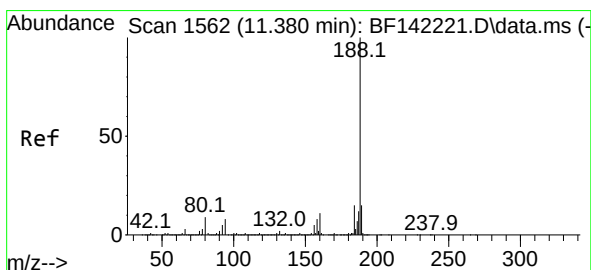
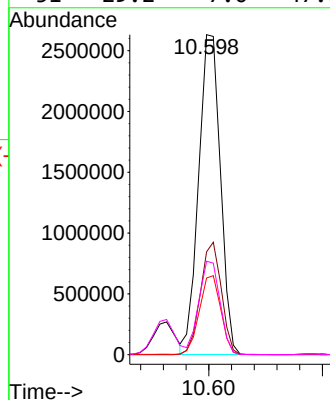
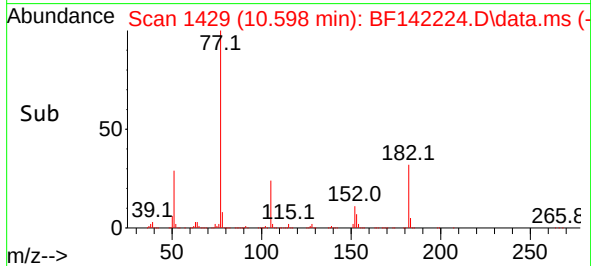
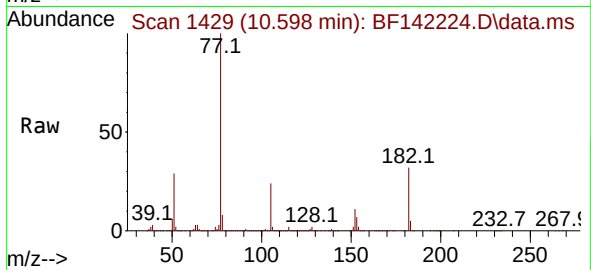




#63
Azobenzene
Concen: 73.078 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

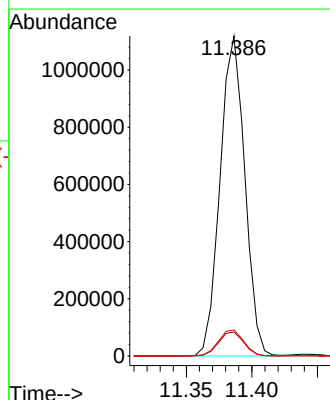
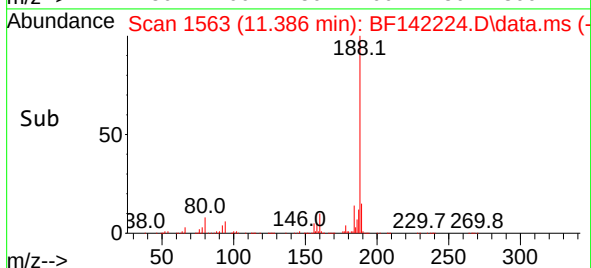
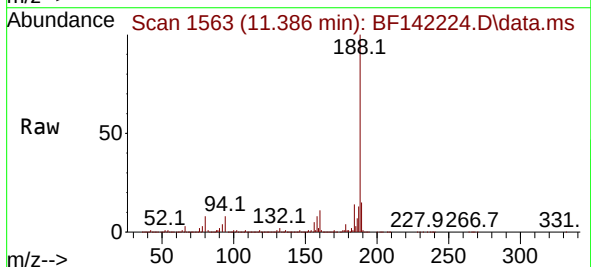
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

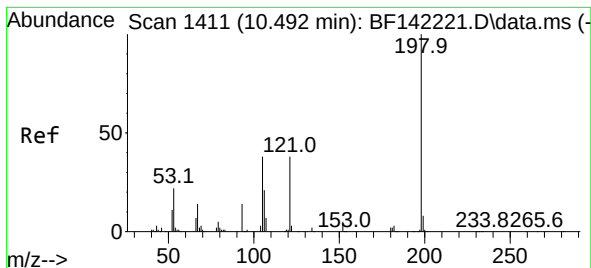
Tgt Ion: 77 Resp: 3497396
Ion Ratio Lower Upper
77 100
182 32.2 12.6 52.6
105 24.0 3.1 43.1
51 29.2 7.0 47.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:188 Resp: 1465733
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.2 7.0 10.6

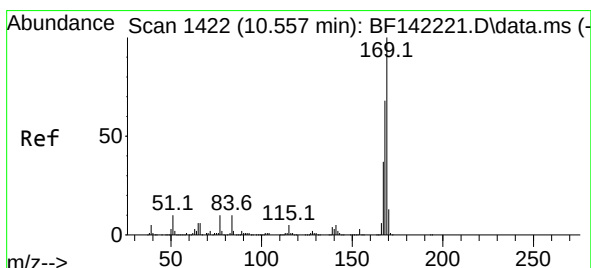
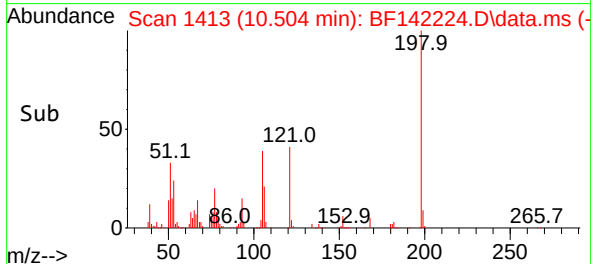
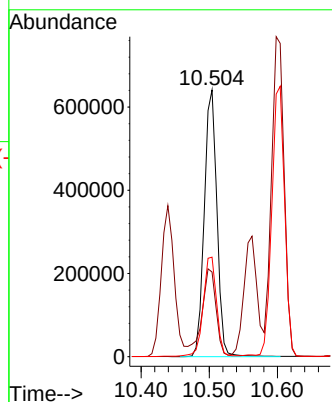
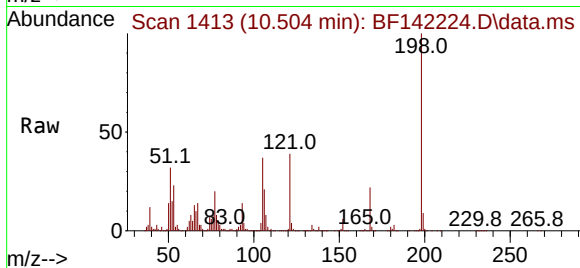




#65
4,6-Dinitro-2-methylphenol
Concen: 84.803 ng
RT: 10.504 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

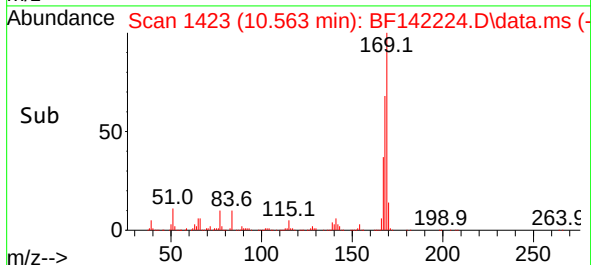
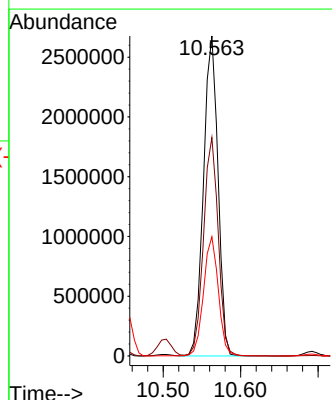
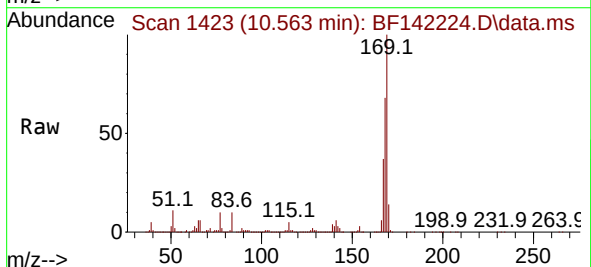
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

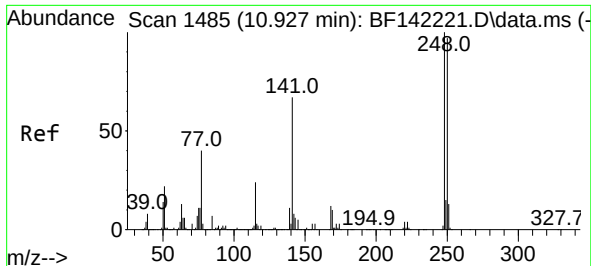
Tgt Ion:198 Resp: 829110
Ion Ratio Lower Upper
198 100
51 31.7 13.5 53.5
105 37.3 17.8 57.8



#66
n-Nitrosodiphenylamine
Concen: 77.177 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:169 Resp: 3475669
Ion Ratio Lower Upper
169 100
168 68.2 54.2 81.4
167 37.2 29.4 44.0

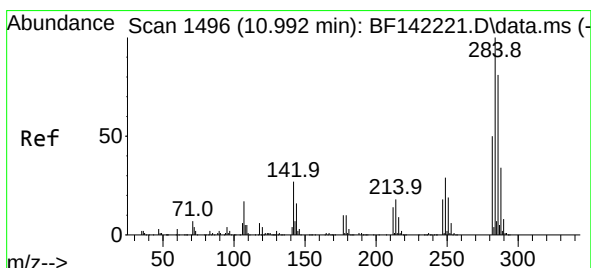
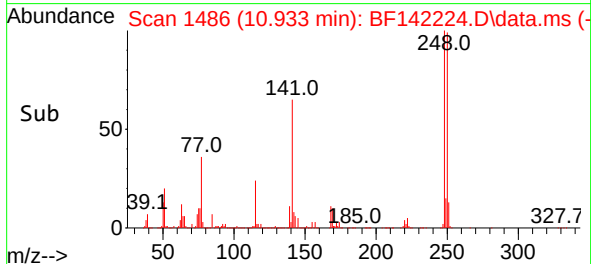
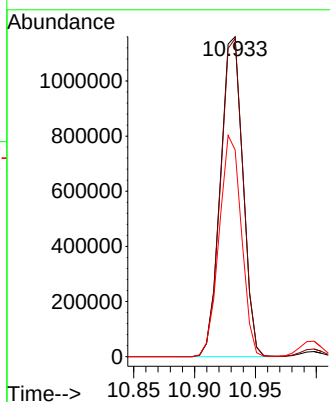
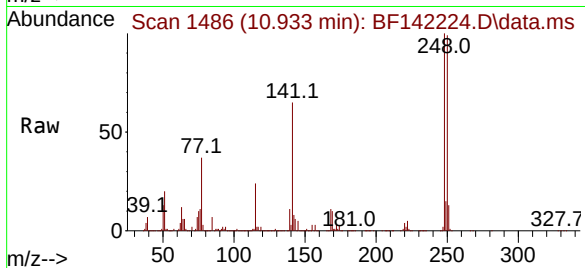




#67
4-Bromophenyl-phenylether
Concen: 81.226 ng
RT: 10.933 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

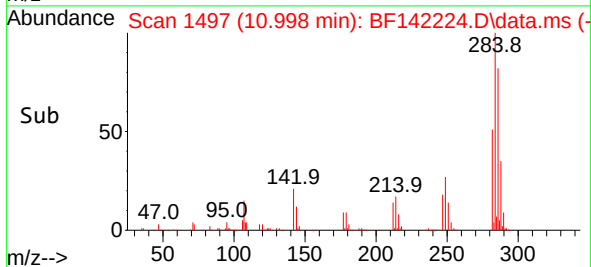
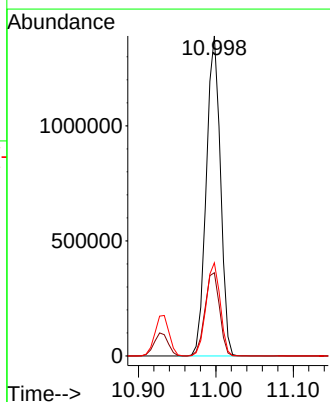
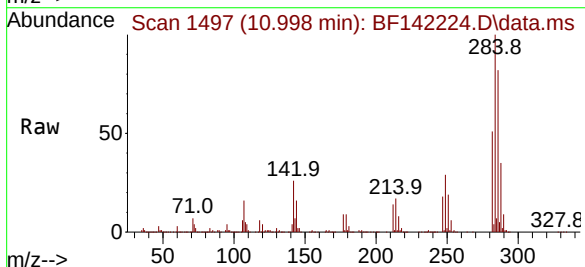
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

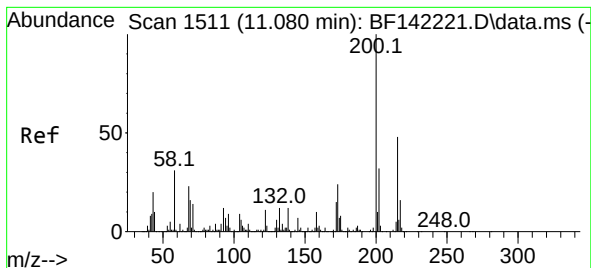
Tgt Ion:248 Resp: 1494309
Ion Ratio Lower Upper
248 100
250 99.4 77.9 116.9
141 64.6 53.3 79.9



#68
Hexachlorobenzene
Concen: 80.621 ng
RT: 10.998 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:284 Resp: 1760831
Ion Ratio Lower Upper
284 100
142 26.0 21.7 32.5
249 29.1 23.4 35.2





#69

Atrazine

Concen: 28.112 ng

RT: 11.080 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

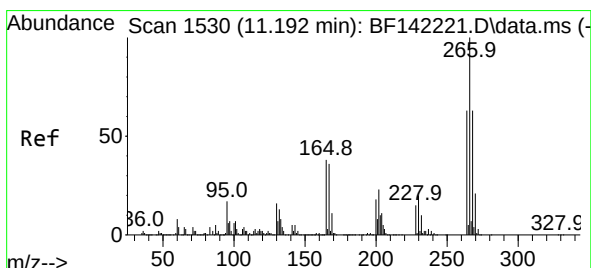
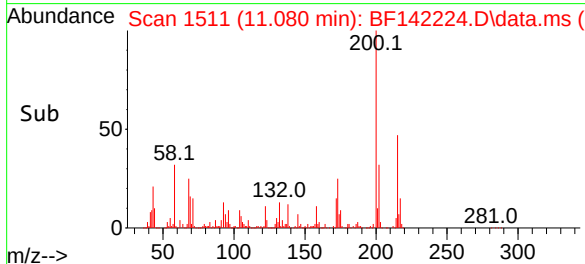
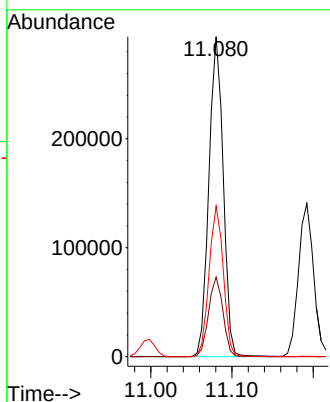
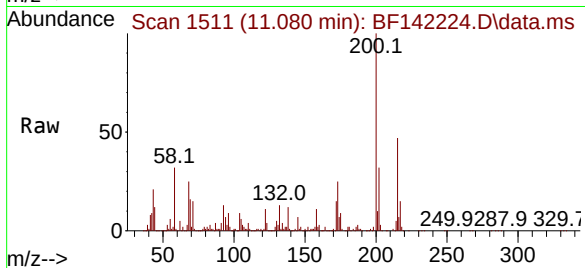
Tgt Ion:200 Resp: 359101

Ion Ratio Lower Upper

200 100

173 24.9 4.4 44.4

215 47.0 27.8 67.8



#70

Pentachlorophenol

Concen: 88.601 ng

RT: 11.192 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

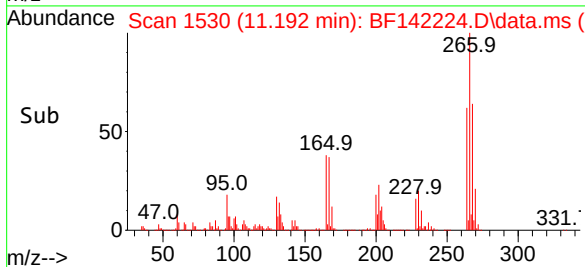
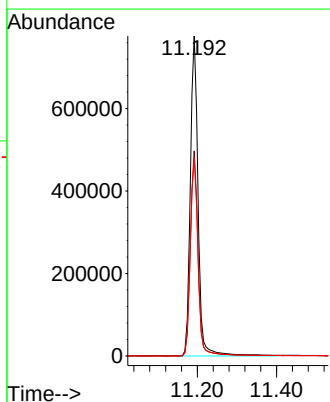
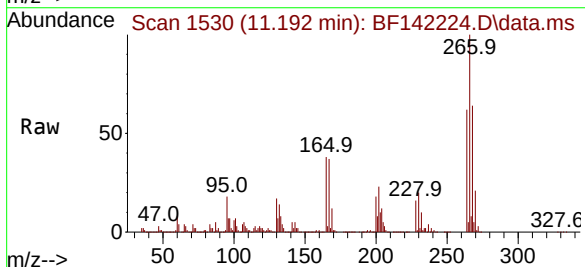
Tgt Ion:266 Resp: 1055111

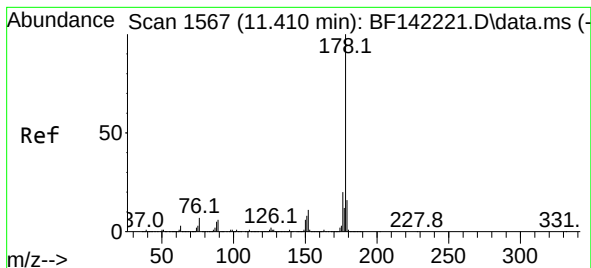
Ion Ratio Lower Upper

266 100

268 64.1 50.6 75.8

264 61.9 50.2 75.2





#71

Phenanthrene

Concen: 70.423 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

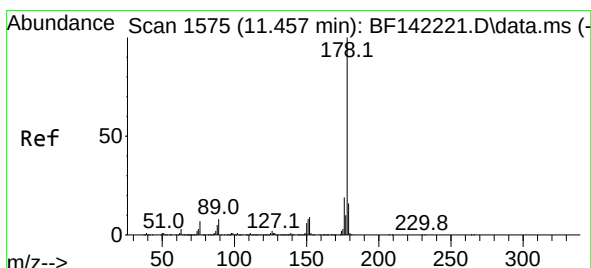
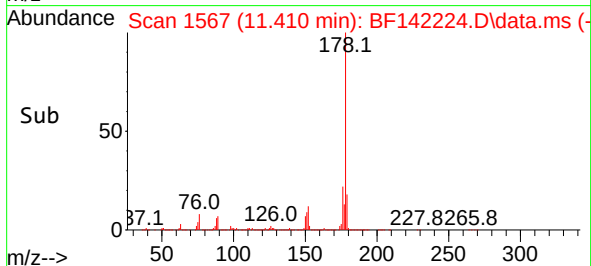
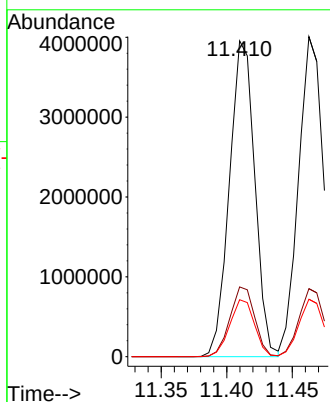
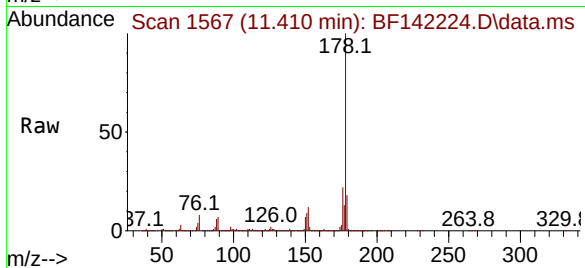
Tgt Ion:178 Resp: 5333285

Ion Ratio Lower Upper

178 100

176 22.1 16.0 24.0

179 18.0 13.0 19.6



#72

Anthracene

Concen: 69.804 ng

RT: 11.463 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

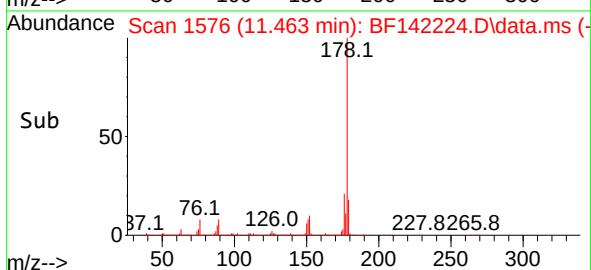
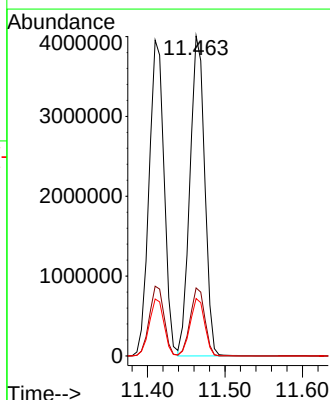
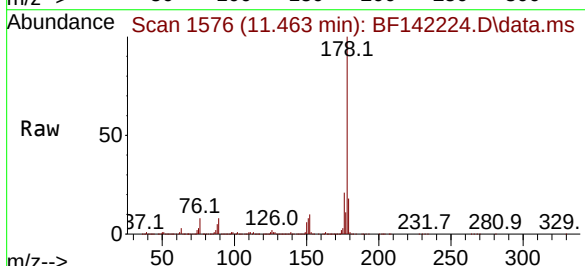
Tgt Ion:178 Resp: 5286795

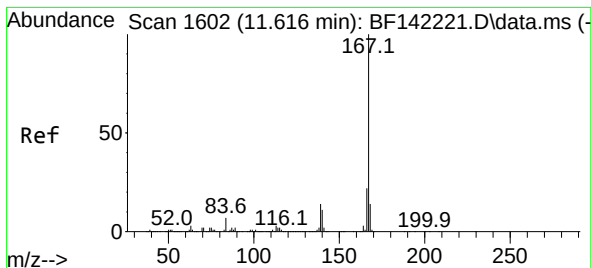
Ion Ratio Lower Upper

178 100

176 21.3 15.5 23.3

179 17.9 12.9 19.3





#73

Carbazole

Concen: 69.311 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

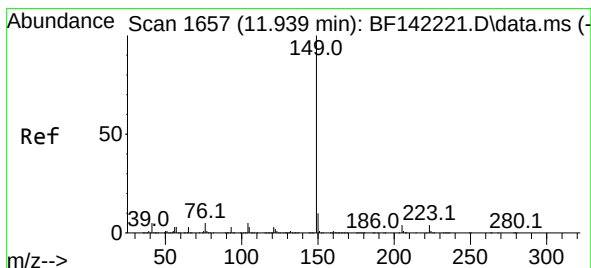
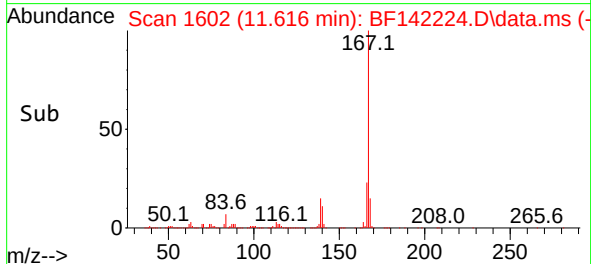
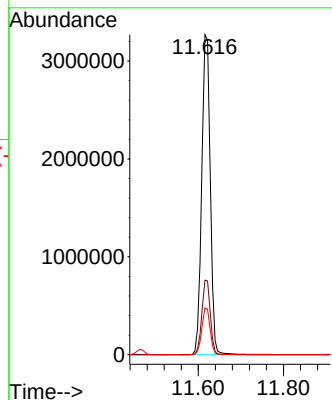
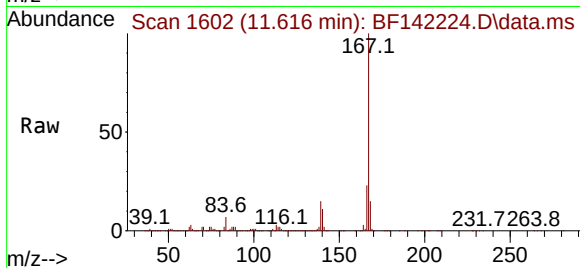
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:167 Resp: 4558146

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.6
139	14.6	11.0	16.4



#74

Di-n-butylphthalate

Concen: 68.130 ng

RT: 11.945 min Scan# 1658

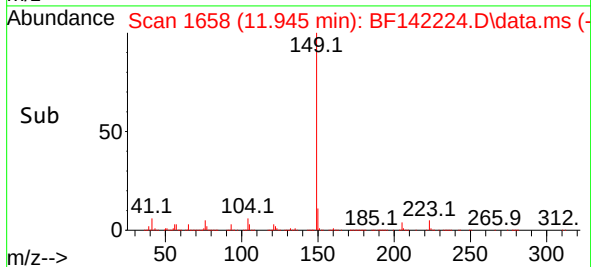
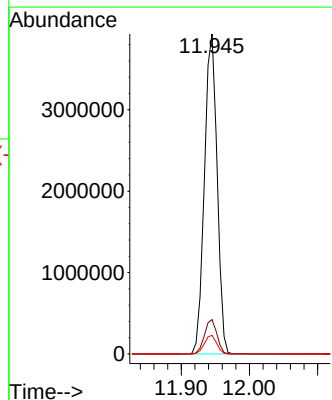
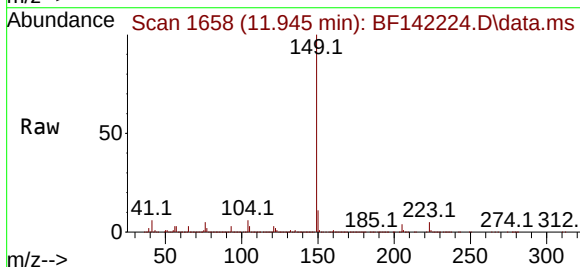
Delta R.T. 0.006 min

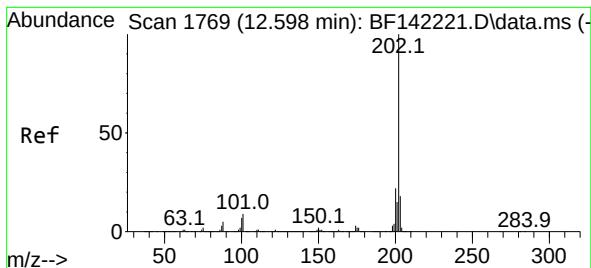
Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Tgt Ion:149 Resp: 5091256

Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.1	12.1
104	5.8	4.1	6.1





#75

Fluoranthene

Concen: 65.746 ng

RT: 12.598 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

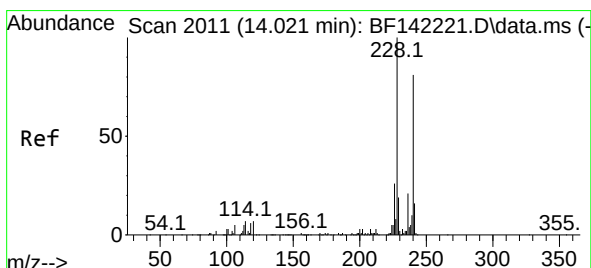
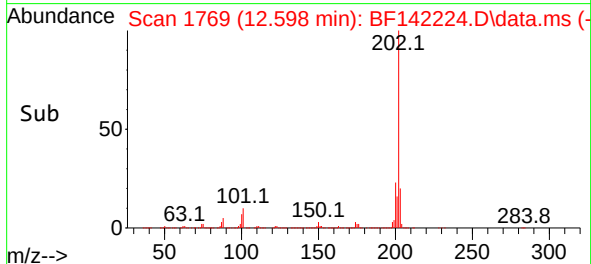
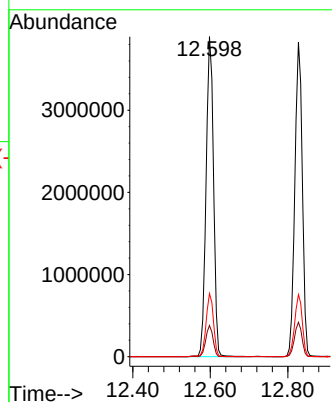
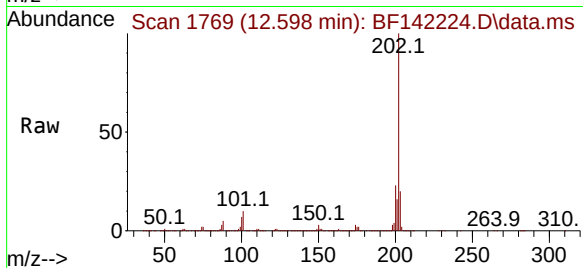
Tgt Ion:202 Resp: 5188311

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.0

203 19.7 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

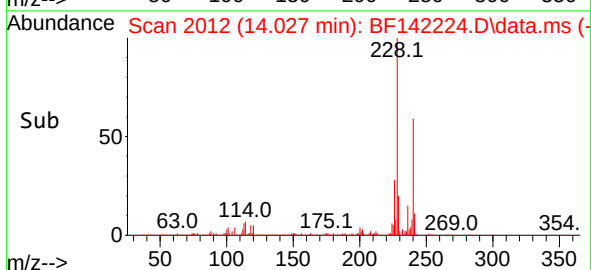
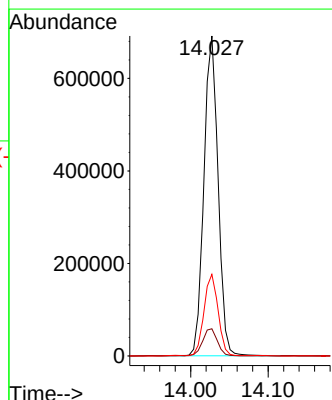
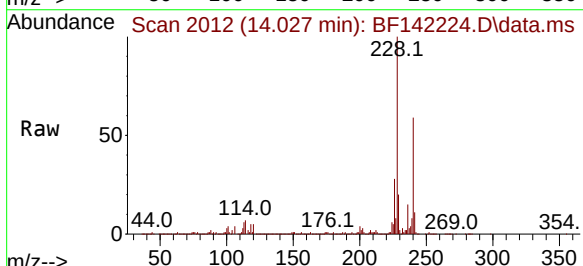
Tgt Ion:240 Resp: 877355

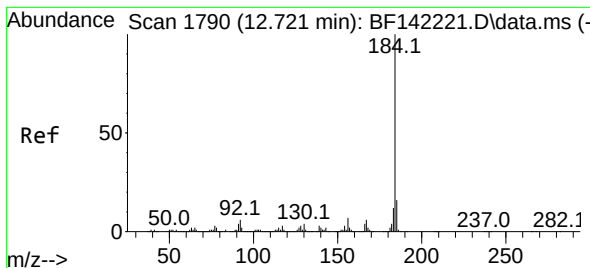
Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

236 25.5 20.4 30.6





#77

Benzidine

Concen: 81.510 ng

RT: 12.721 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

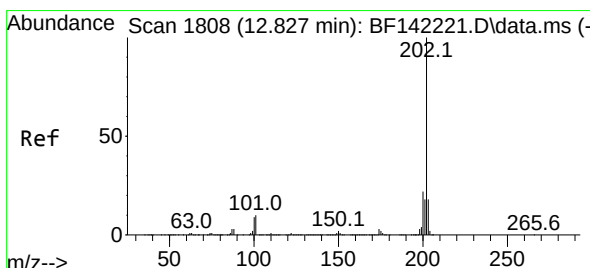
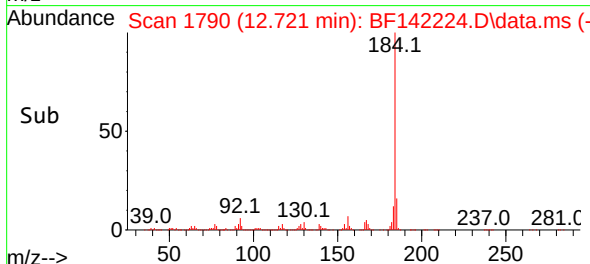
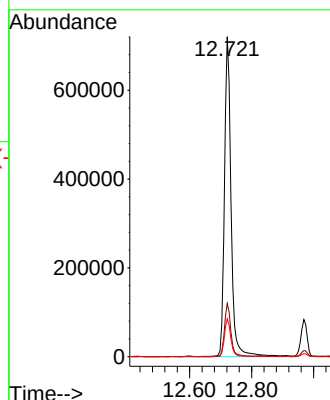
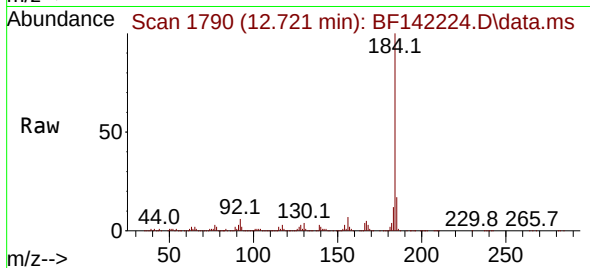
Tgt Ion:184 Resp: 1067518

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.4

183 11.9 9.8 14.6



#78

Pyrene

Concen: 70.026 ng

RT: 12.827 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

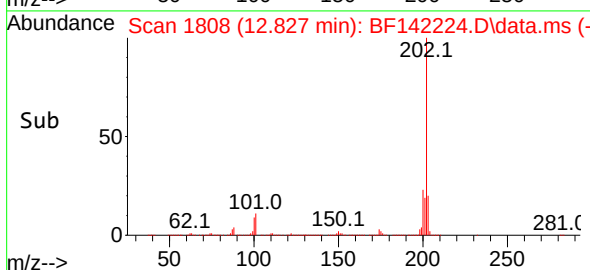
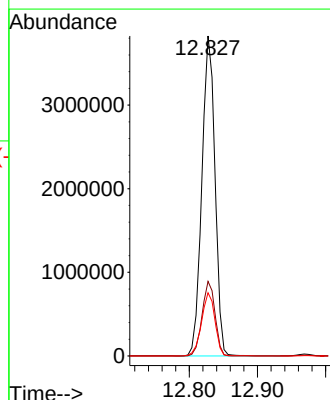
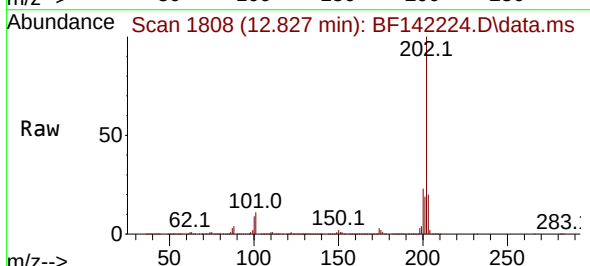
Tgt Ion:202 Resp: 5129000

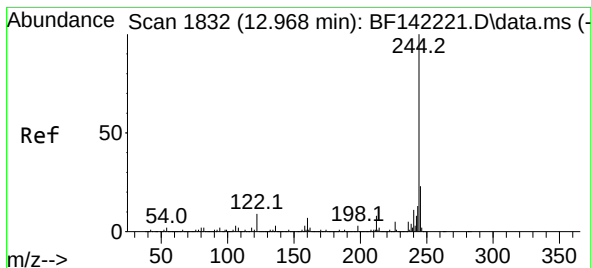
Ion Ratio Lower Upper

202 100

200 23.3 17.5 26.3

203 19.8 14.7 22.1





#79

Terphenyl-d14

Concen: 130.688 ng

RT: 12.969 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

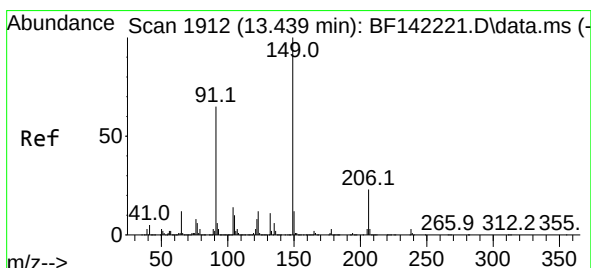
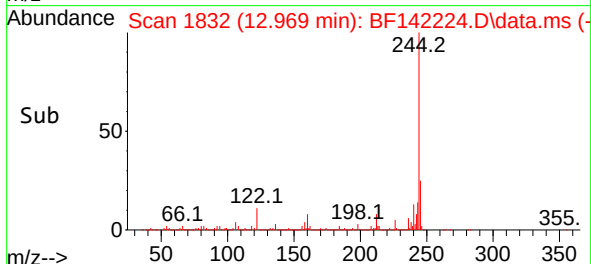
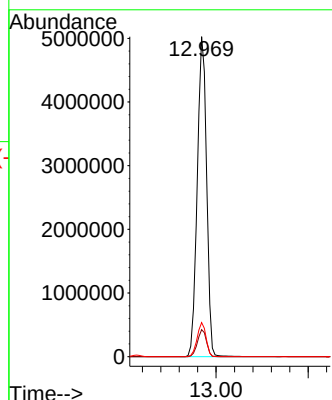
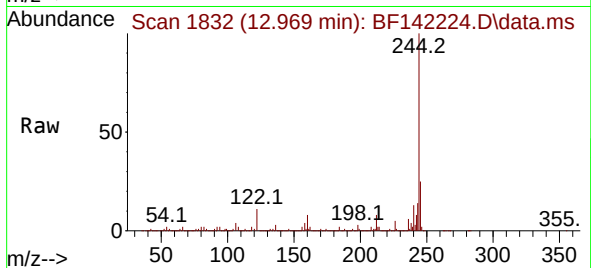
Tgt Ion:244 Resp: 7054778

Ion Ratio Lower Upper

244 100

212 8.5 6.1 9.1

122 10.6 7.3 10.9



#80

Butylbenzylphthalate

Concen: 78.231 ng

RT: 13.439 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

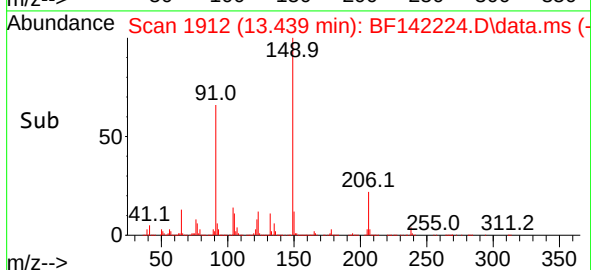
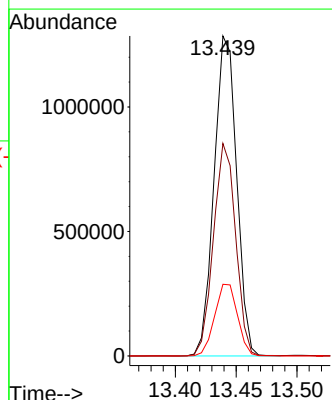
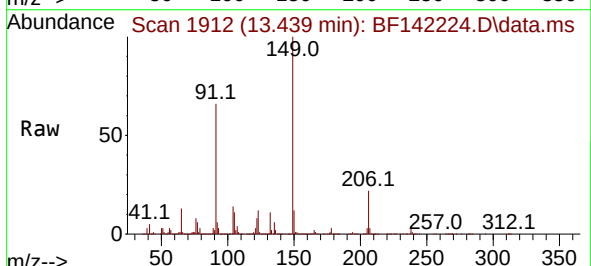
Tgt Ion:149 Resp: 1658993

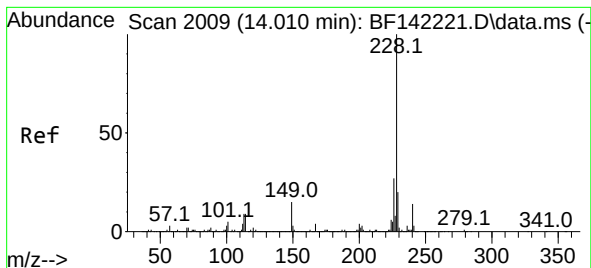
Ion Ratio Lower Upper

149 100

91 66.4 51.8 77.8

206 22.4 18.2 27.4





#81

Benzo(a)anthracene

Concen: 76.171 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

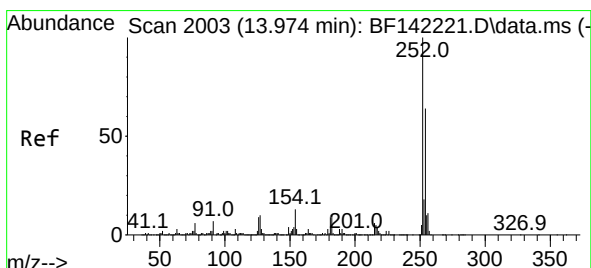
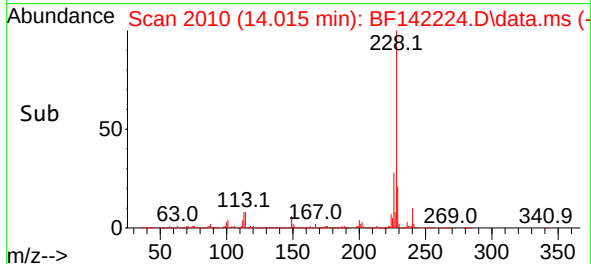
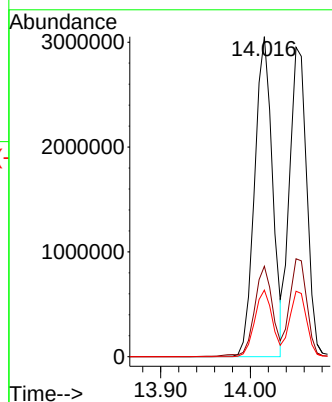
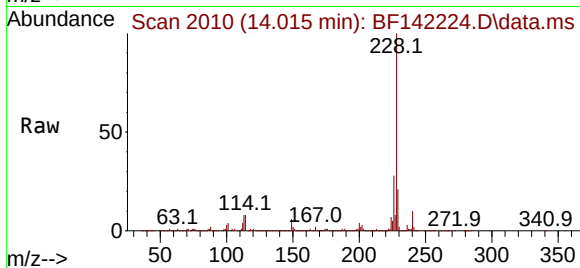
Tgt Ion:228 Resp: 4229588

Ion Ratio Lower Upper

228 100

226 28.2 21.6 32.4

229 20.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 86.864 ng

RT: 13.980 min Scan# 2004

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

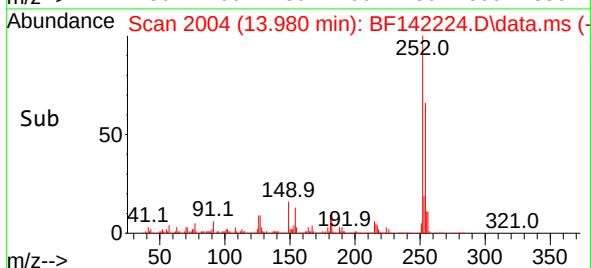
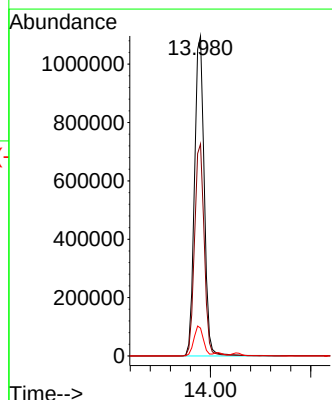
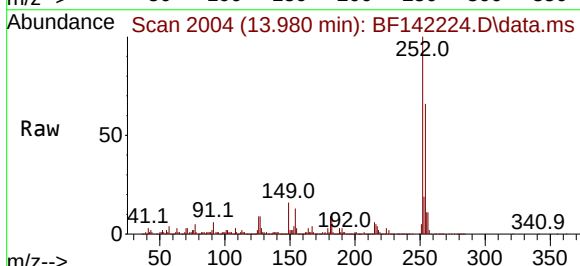
Tgt Ion:252 Resp: 1469931

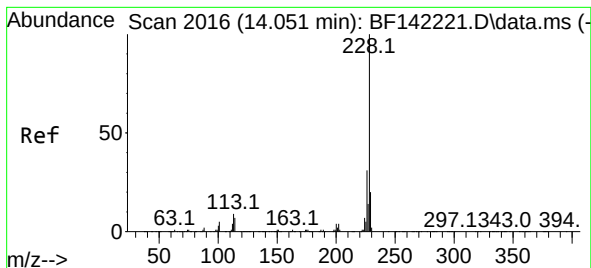
Ion Ratio Lower Upper

252 100

254 66.2 51.0 76.4

126 8.7 7.2 10.8





#83

Chrysene

Concen: 77.053 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

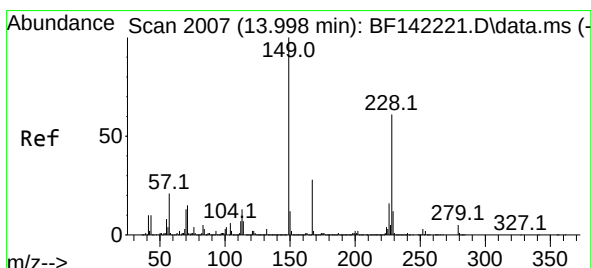
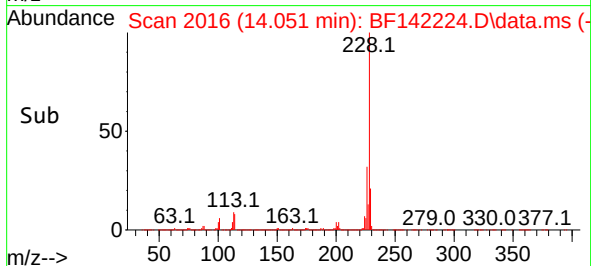
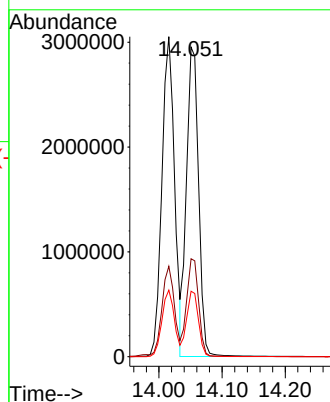
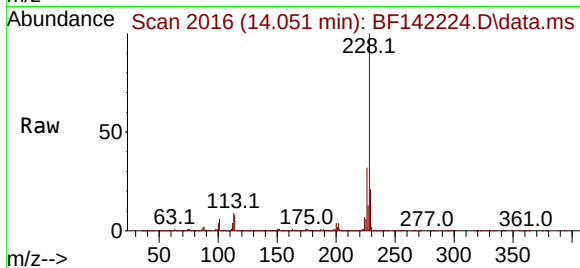
Tgt Ion:228 Resp: 3950140

Ion Ratio Lower Upper

228 100

226 31.7 24.2 36.4

229 21.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 84.937 ng

RT: 13.998 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

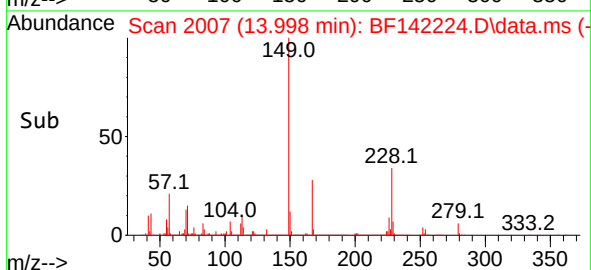
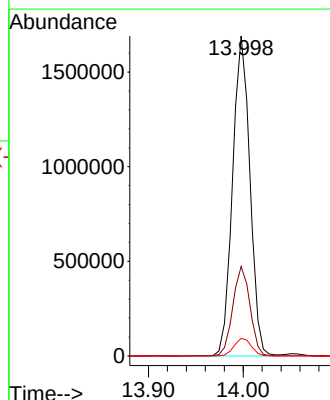
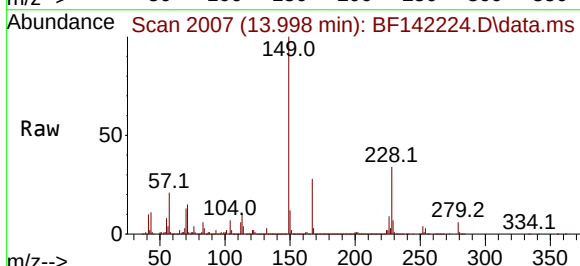
Tgt Ion:149 Resp: 2150588

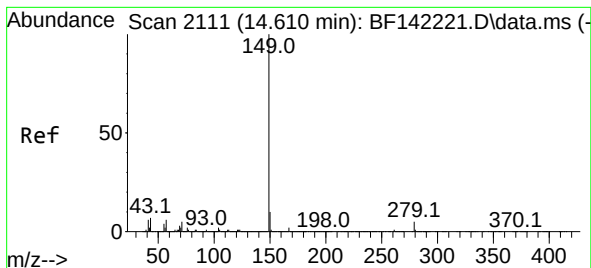
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 86.180 ng

RT: 14.610 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

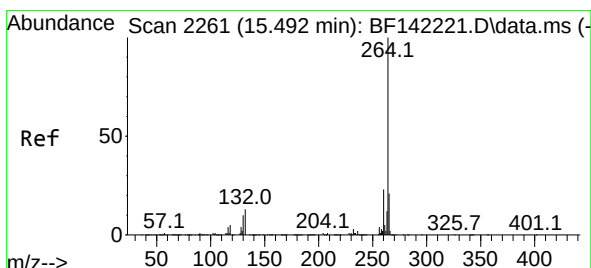
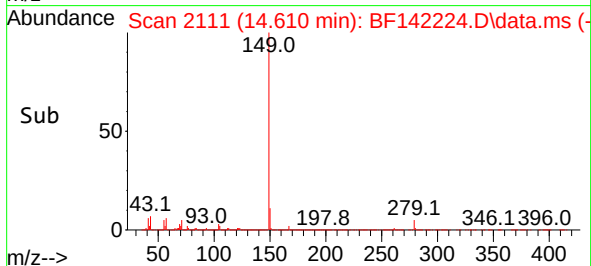
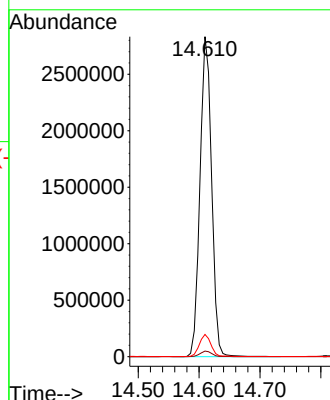
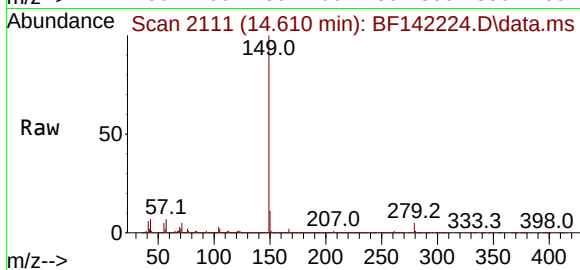
Tgt Ion:149 Resp: 3745021

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.9 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

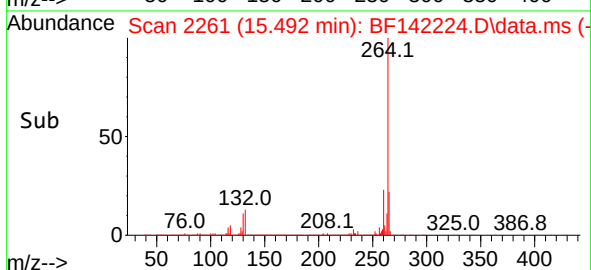
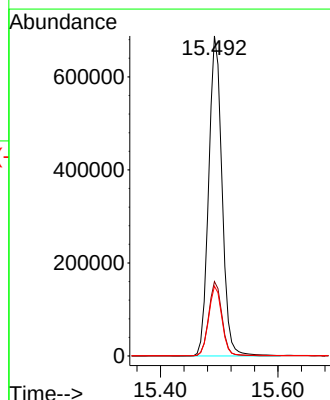
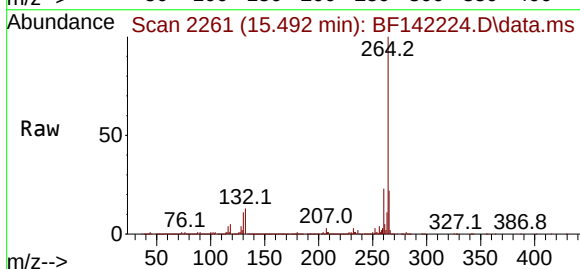
Tgt Ion:264 Resp: 1082484

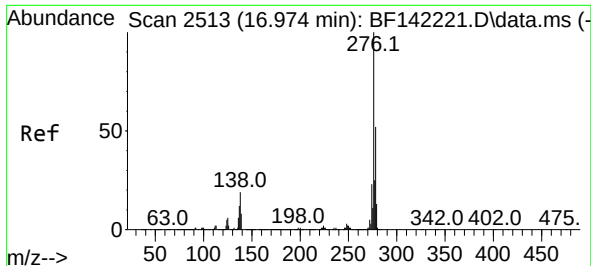
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.8 17.2 25.8

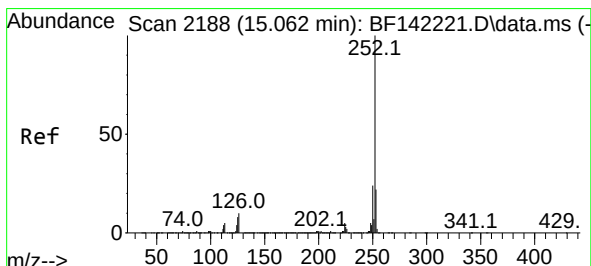
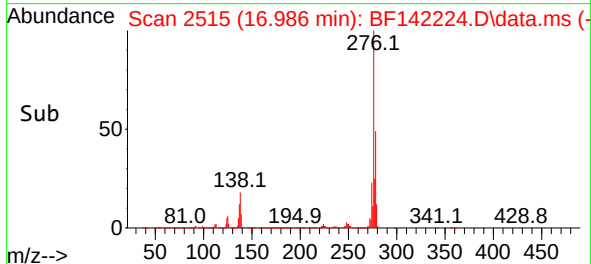
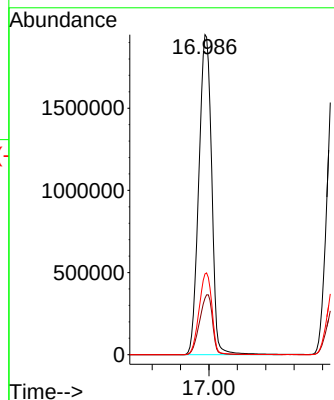
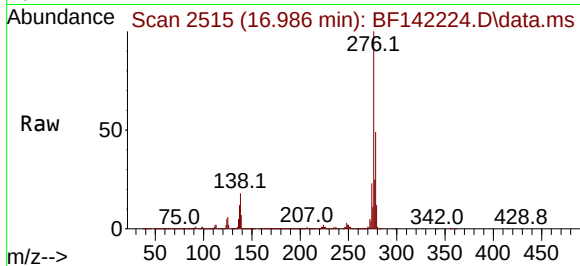




#87
Indeno(1,2,3-cd)pyrene
Concen: 78.427 ng
RT: 16.986 min Scan# 2189
Delta R.T. 0.012 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

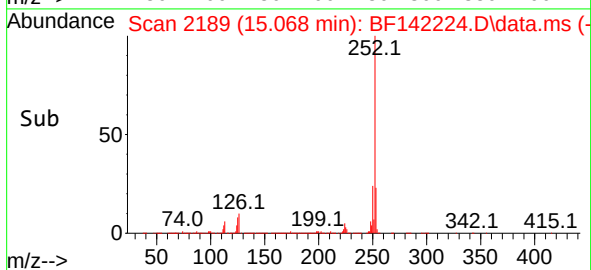
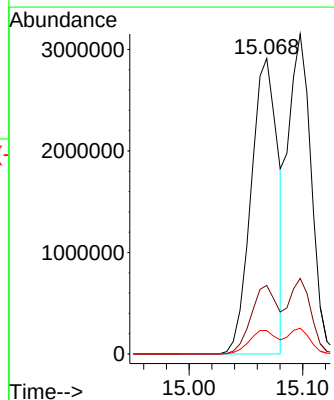
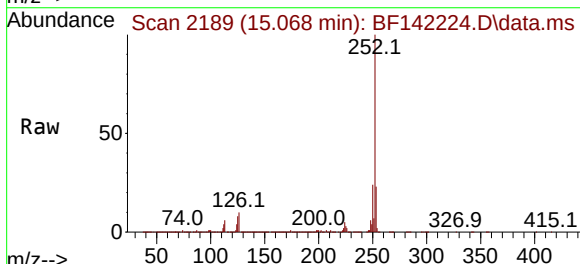
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

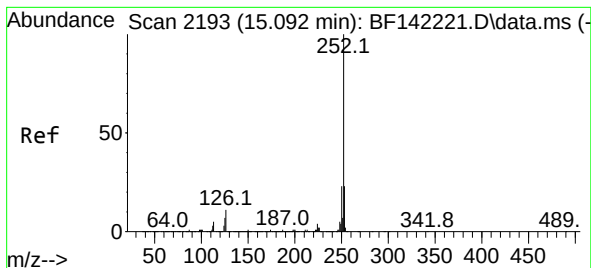
Tgt Ion:276 Resp: 6081441
Ion Ratio Lower Upper
276 100
138 18.9 15.8 23.8
277 25.6 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 75.651 ng
RT: 15.068 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF142224.D
Acq: 23 Apr 2025 14:11

Tgt Ion:252 Resp: 4739885
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 7.9 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 76.888 ng

RT: 15.098 min Scan# 2193

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

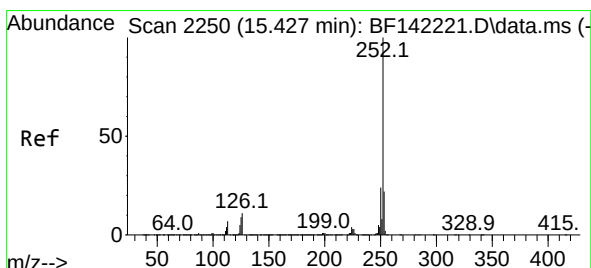
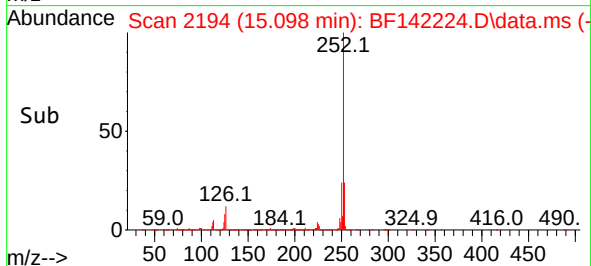
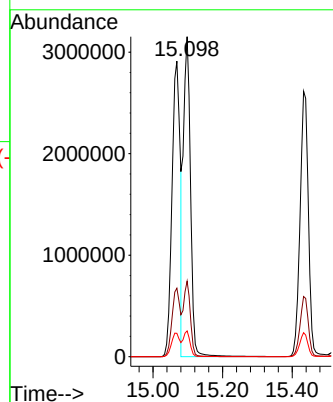
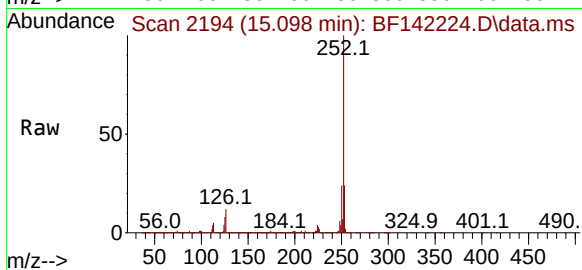
Tgt Ion:252 Resp: 4474100

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 8.0 5.9 8.9



#90

Benzo(a)pyrene

Concen: 78.331 ng

RT: 15.433 min Scan# 2251

Delta R.T. 0.006 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

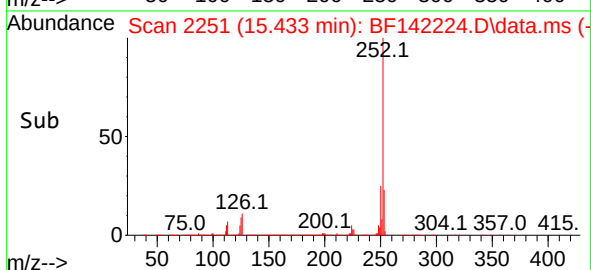
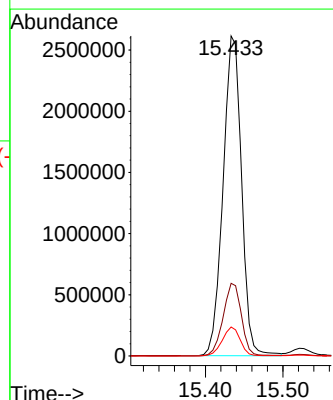
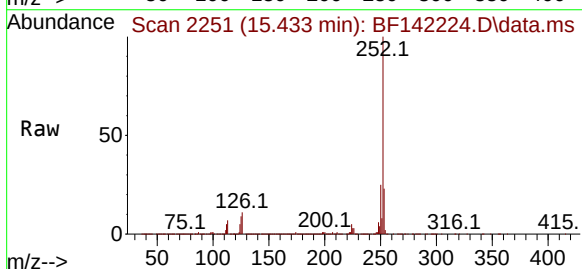
Tgt Ion:252 Resp: 4331199

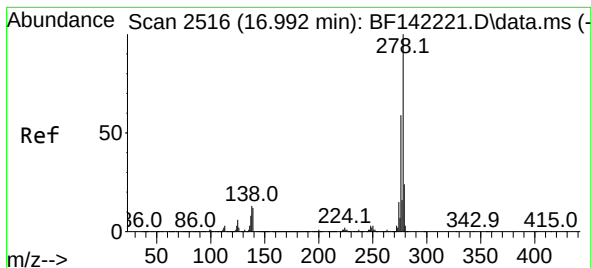
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 9.0 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 77.712 ng

RT: 17.004 min Scan# 2516

Delta R.T. 0.012 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

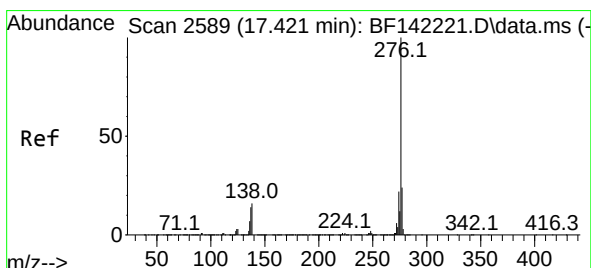
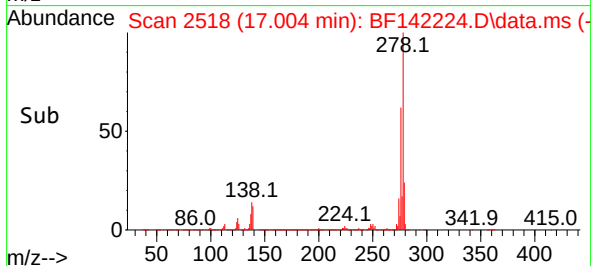
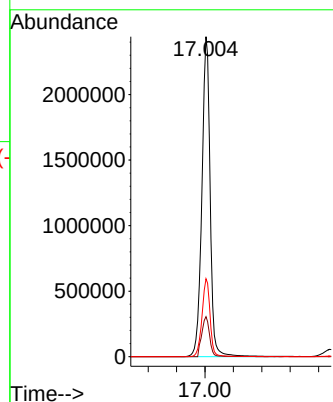
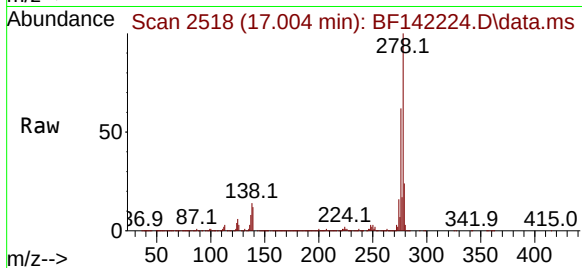
Tgt Ion:278 Resp: 4934894

Ion Ratio Lower Upper

278 100

139 12.5 9.7 14.5

279 24.3 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 76.608 ng

RT: 17.439 min Scan# 2592

Delta R.T. 0.018 min

Lab File: BF142224.D

Acq: 23 Apr 2025 14:11

Tgt Ion:276 Resp: 5048097

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.6

138 16.9 13.0 19.4

