

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141845.D
 Acq On : 05 Mar 2025 15:51
 Operator : RC/JU
 Sample : Q1487-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-42MSD

Quant Time: Mar 05 16:12:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	191311	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	731999	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	367233	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	575333	20.000	ng	0.00
76) Chrysene-d12	14.039	240	414755	20.000	ng	-0.01
86) Perylene-d12	15.509	264	465047	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1301485	108.643	ng	0.00
7) Phenol-d6	6.504	99	1625710	104.263	ng	0.00
23) Nitrobenzene-d5	7.445	82	1029379	89.888	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	402954	116.878	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1718796	75.048	ng	0.00
79) Terphenyl-d14	12.986	244	1459806	56.946	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.710	88	228087	41.961	ng 99
3) Pyridine	3.475	79	547422	40.476	ng 98
4) n-Nitrosodimethylamine	3.416	42	283179	43.516	ng 97
6) Aniline	6.545	93	629942	38.861	ng 100
8) 2-Chlorophenol	6.669	128	575056	44.375	ng 96
9) Benzaldehyde	6.434	77	206651	22.785	ng 98
10) Phenol	6.522	94	741516	44.504	ng 97
11) bis(2-Chloroethyl)ether	6.622	93	531330	41.835	ng 97
12) 1,3-Dichlorobenzene	6.828	146	603684	43.499	ng 99
13) 1,4-Dichlorobenzene	6.904	146	616390	44.080	ng 99
14) 1,2-Dichlorobenzene	7.057	146	583334	44.674	ng 98
15) Benzyl Alcohol	7.022	79	497324	39.909	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	733553	38.031	ng 99
17) 2-Methylphenol	7.128	107	454751	42.513	ng 100
18) Hexachloroethane	7.398	117	224314	42.859	ng 99
19) n-Nitroso-di-n-propyla...	7.292	70	390439	38.092	ng 99
20) 3+4-Methylphenols	7.281	107	581786	43.679	ng 97
22) Acetophenone	7.292	105	842821	47.275	ng 98
24) Nitrobenzene	7.463	77	598766	48.826	ng 99
25) Isophorone	7.704	82	1045129	42.481	ng 99
26) 2-Nitrophenol	7.781	139	281708	51.099	ng 99
27) 2,4-Dimethylphenol	7.810	122	484864	53.613	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	621875	39.625	ng 99
29) 2,4-Dichlorophenol	8.016	162	452566	43.378	ng 99
30) 1,2,4-Trichlorobenzene	8.104	180	495020	43.300	ng 98
31) Naphthalene	8.186	128	1597999	42.475	ng 99
32) Benzoic acid	7.910	122	347122	46.310	ng 96
33) 4-Chloroaniline	8.233	127	347428	25.186	ng 98
34) Hexachlorobutadiene	8.304	225	307767	43.322	ng 98
35) Caprolactam	8.592	113	165656	51.613	ng 97
36) 4-Chloro-3-methylphenol	8.704	107	485311	41.874	ng 99
37) 2-Methylnaphthalene	8.880	142	980751	39.744	ng 99
38) 1-Methylnaphthalene	8.975	142	970185	40.974	ng 99
40) 1,2,4,5-Tetrachloroben...	9.045	216	524773	49.478	ng 99
41) Hexachlorocyclopentadiene	9.033	237	568656	128.474	ng 100
43) 2,4,6-Trichlorophenol	9.151	196	320323	46.755	ng 100

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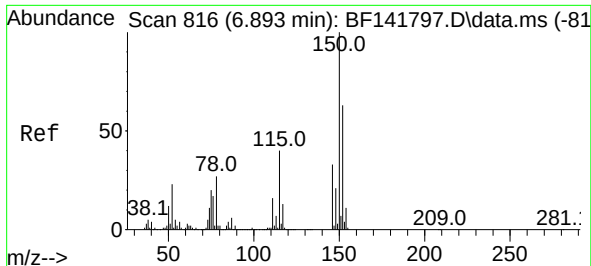
Quant Time: Mar 05 16:12:53 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	326554	48.135	ng	99
46) 1,1'-Biphenyl	9.339	154	1381301	49.416	ng	99
47) 2-Chloronaphthalene	9.369	162	939307	45.529	ng	98
48) 2-Nitroaniline	9.457	65	301849	52.958	ng	97
49) Acenaphthylene	9.780	152	1444944	46.713	ng	100
50) Dimethylphthalate	9.639	163	1069323	43.481	ng	99
51) 2,6-Dinitrotoluene	9.698	165	235755	49.987	ng	96
52) Acenaphthene	9.957	154	980429	46.974	ng	99
53) 3-Nitroaniline	9.869	138	179159	36.508	ng #	94
54) 2,4-Dinitrophenol	9.969	184	153518	73.318	ng #	18
55) Dibenzofuran	10.127	168	1289752	42.456	ng	98
56) 4-Nitrophenol	10.016	139	414529	114.125	ng	99
57) 2,4-Dinitrotoluene	10.104	165	323093	55.621	ng	91
58) Fluorene	10.469	166	986733	43.363	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	269777	45.723	ng	98
60) Diethylphthalate	10.339	149	1010574	40.990	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	482285	42.302	ng	99
62) 4-Nitroaniline	10.480	138	222496	52.977	ng	96
63) Azobenzene	10.622	77	1103992	42.529	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	112278	42.552	ng	92
66) n-Nitrosodiphenylamine	10.574	169	874306	46.279	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	299369	44.548	ng	97
68) Hexachlorobenzene	11.016	284	318600	44.897	ng	99
69) Atrazine	11.104	200	327584	63.055	ng	98
70) Pentachlorophenol	11.204	266	378895	84.186	ng	99
71) Phenanthrene	11.427	178	1401406	45.538	ng	99
72) Anthracene	11.480	178	1410204	45.722	ng	99
73) Carbazole	11.633	167	1207332	44.327	ng	99
74) Di-n-butylphthalate	11.963	149	1415465	40.999	ng	100
75) Fluoranthene	12.616	202	1296948	41.129	ng	98
77) Benzidine	12.733	184	567942	108.795	ng	99
78) Pyrene	12.845	202	1302790	36.274	ng	99
80) Butylbenzylphthalate	13.463	149	493506	37.820	ng	98
81) Benzo(a)anthracene	14.033	228	1246967	45.518	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	378006	48.093	ng	100
83) Chrysene	14.068	228	1103430	43.694	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	628755	38.698	ng	100
85) Di-n-octyl phthalate	14.633	149	1135656	46.687	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1039862	35.115	ng	98
88) Benzo(b)fluoranthene	15.080	252	1433060	45.239	ng	99
89) Benzo(k)fluoranthene	15.109	252	1063202	39.488	ng	99
90) Benzo(a)pyrene	15.451	252	1186012	46.684	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	871243	36.044	ng	98
92) Benzo(g,h,i)perylene	17.445	276	735371	29.696	ng	98

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

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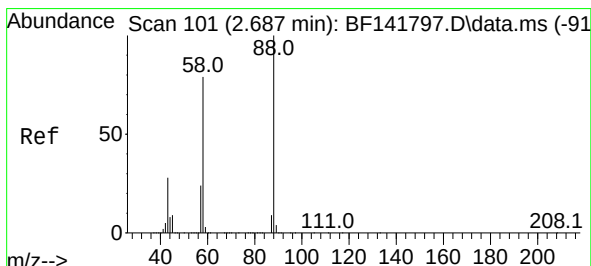
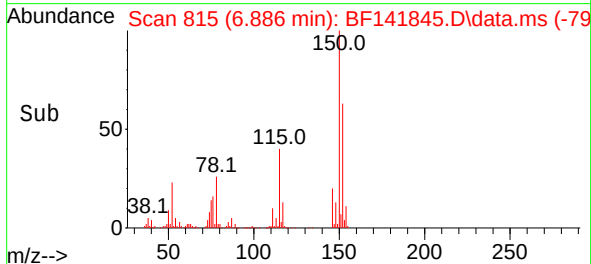
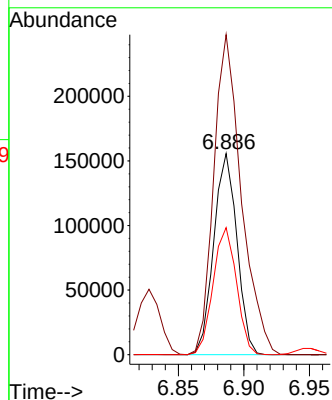
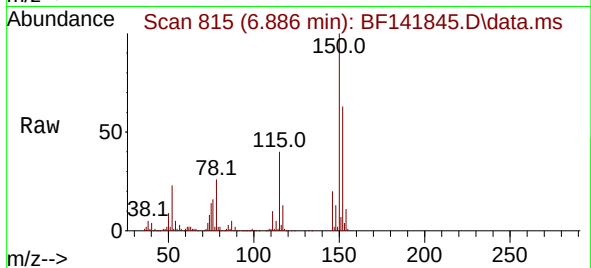




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.007 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

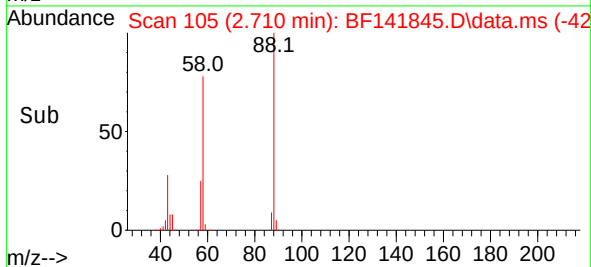
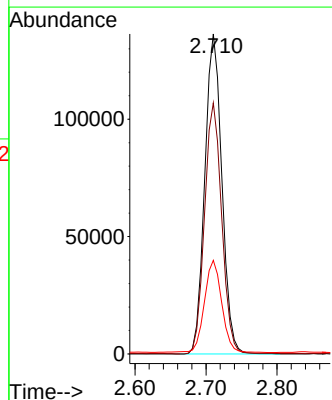
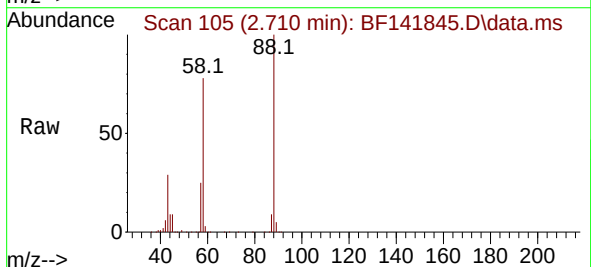
Instrument :
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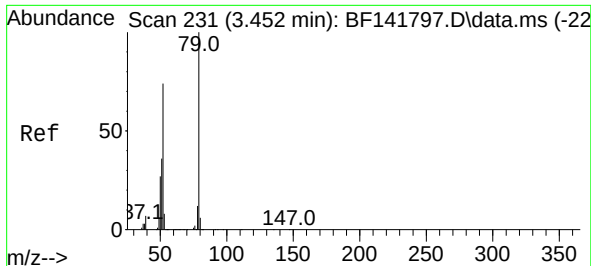
Tgt Ion:152 Resp: 191311
Ion Ratio Lower Upper
152 100
150 159.1 127.5 191.3
115 63.2 51.4 77.2



#2
1,4-Dioxane
Concen: 41.961 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.023 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion: 88 Resp: 228087
Ion Ratio Lower Upper
88 100
58 78.8 63.9 95.9
43 29.3 23.0 34.6





#3

Pyridine

Concen: 40.476 ng

RT: 3.475 min Scan# 24

Delta R.T. 0.023 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

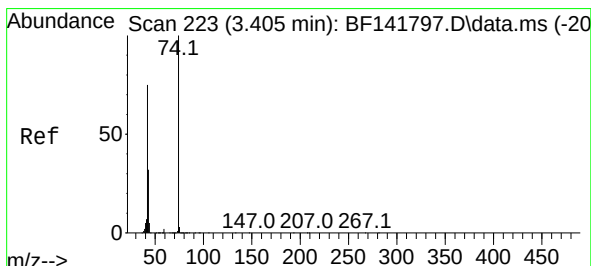
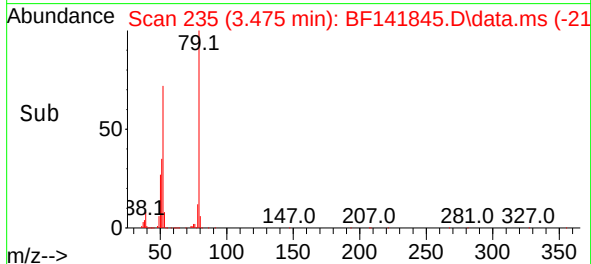
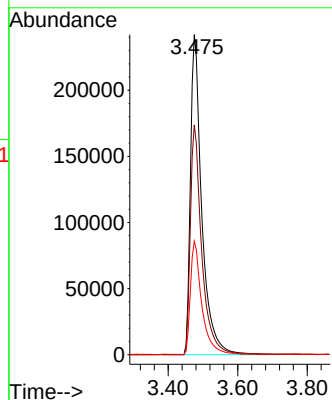
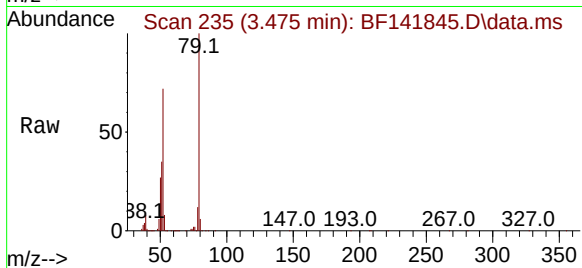
Tgt Ion: 79 Resp: 547422

Ion Ratio Lower Upper

79 100

52 71.8 59.0 88.4

51 35.5 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 43.516 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

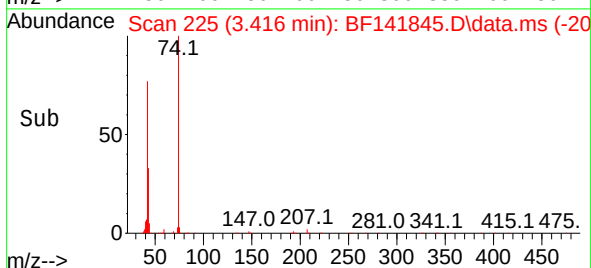
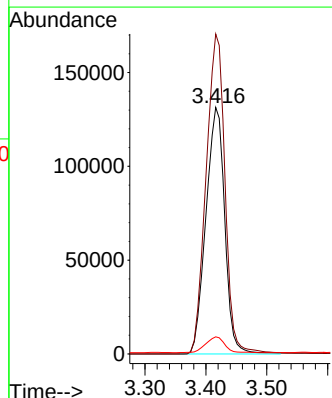
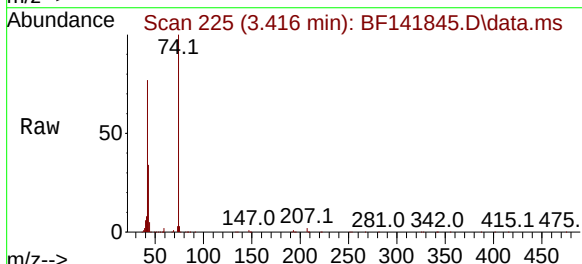
Tgt Ion: 42 Resp: 283179

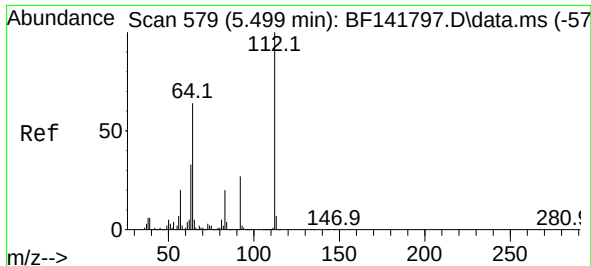
Ion Ratio Lower Upper

42 100

74 129.8 107.1 160.7

44 6.9 6.6 9.8

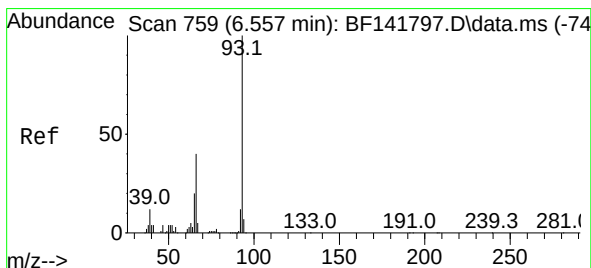
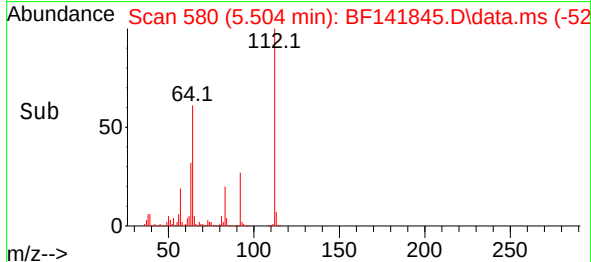
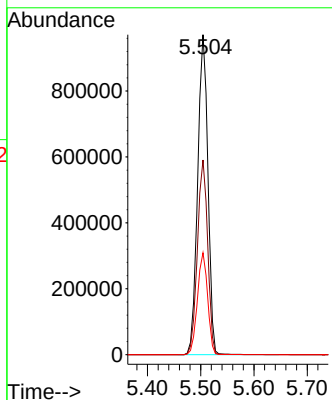
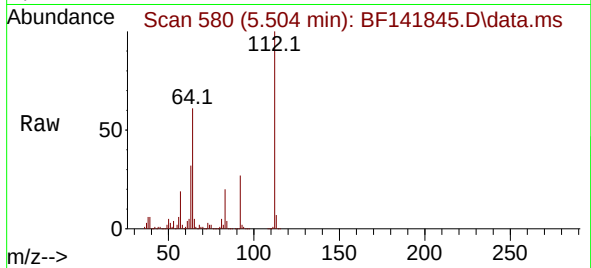




#5
2-Fluorophenol
Concen: 108.643 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

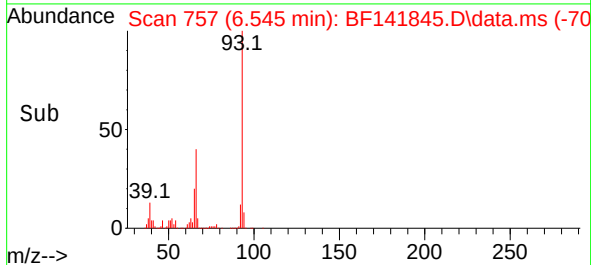
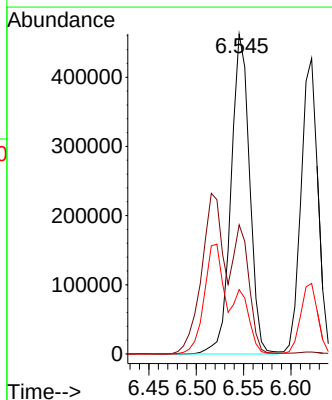
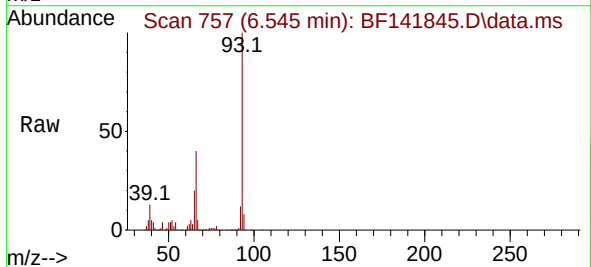
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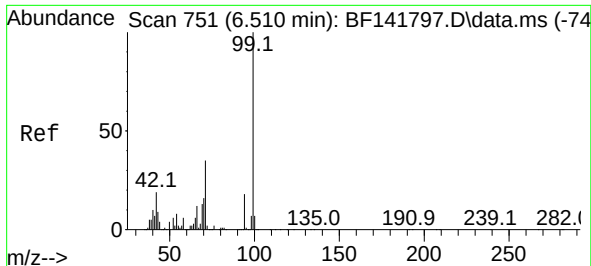
Tgt Ion:112 Resp: 1301485
Ion Ratio Lower Upper
112 100
64 60.9 51.3 76.9
63 31.8 26.2 39.4



#6
Aniline
Concen: 38.861 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion: 93 Resp: 629942
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 20.1 15.9 23.9

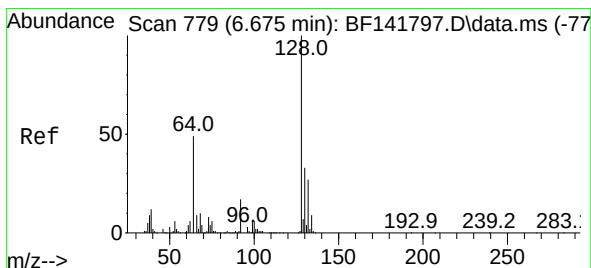
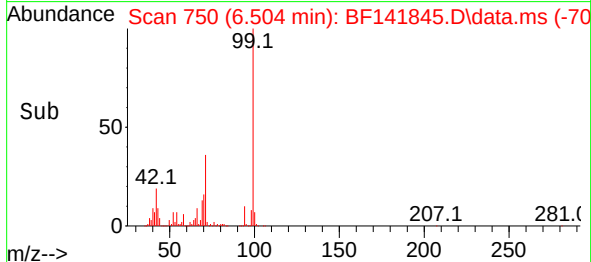
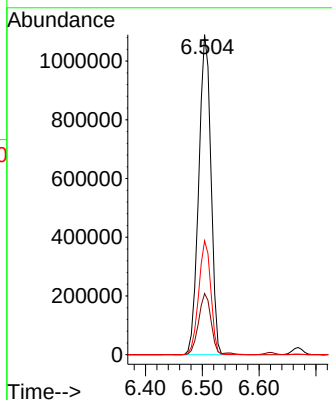
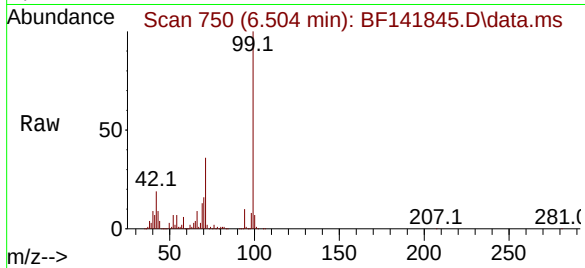




#7
Phenol-d6
Concen: 104.263 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

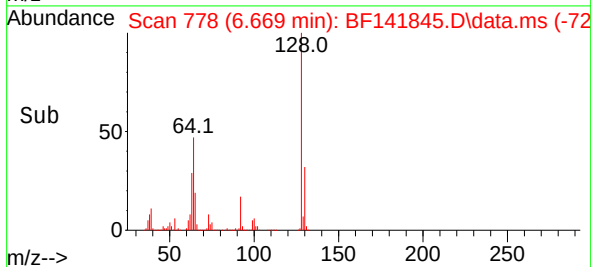
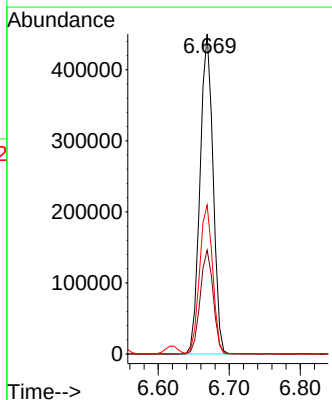
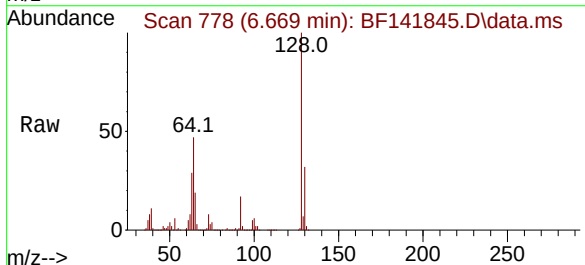
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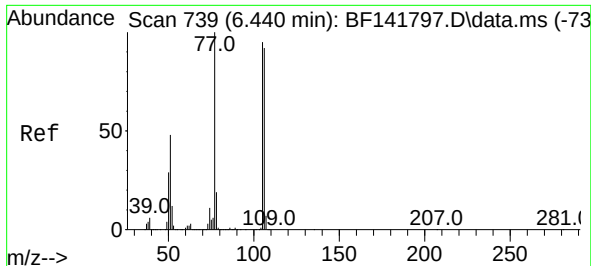
Tgt Ion: 99 Resp: 1625710
Ion Ratio Lower Upper
99 100
42 19.1 15.2 22.8
71 35.6 28.2 42.2



#8
2-Chlorophenol
Concen: 44.375 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion: 128 Resp: 575056
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 46.5 31.1 71.1

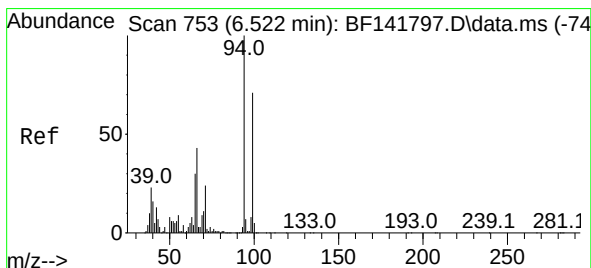
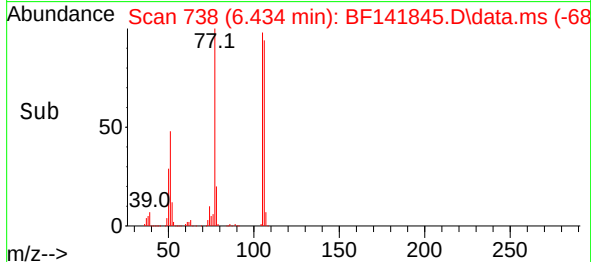
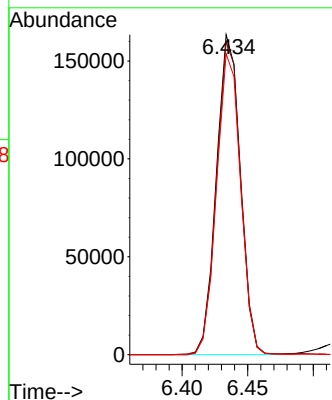
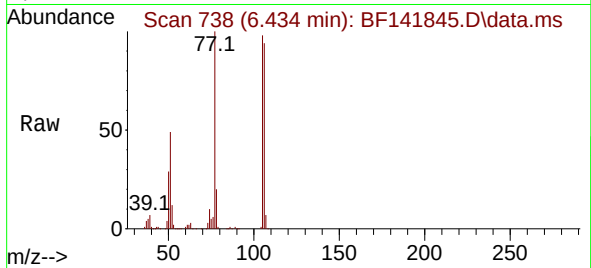




#9
Benzaldehyde
Concen: 22.785 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

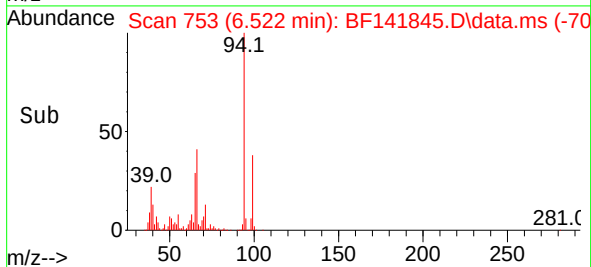
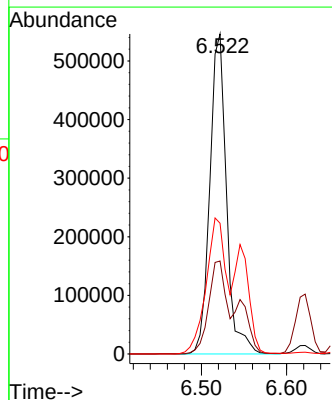
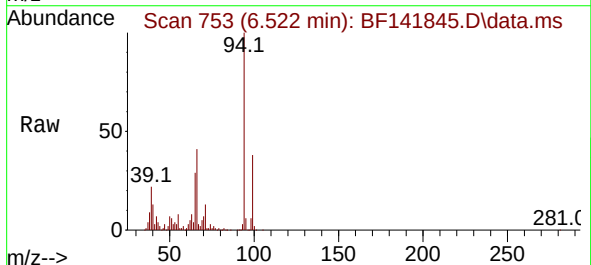
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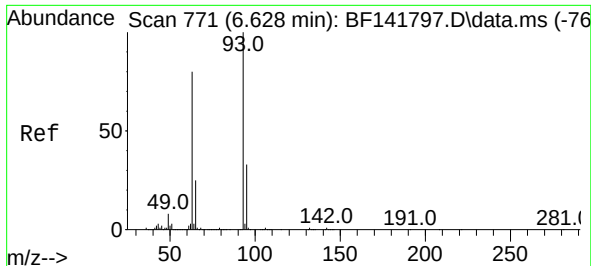
Tgt Ion: 77 Resp: 206651
Ion Ratio Lower Upper
77 100
105 97.8 75.3 115.3
106 94.0 72.3 112.3



#10
Phenol
Concen: 44.504 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion: 94 Resp: 741516
Ion Ratio Lower Upper
94 100
65 29.1 10.2 50.2
66 40.8 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 41.835 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

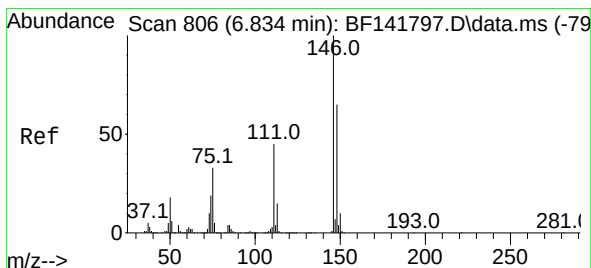
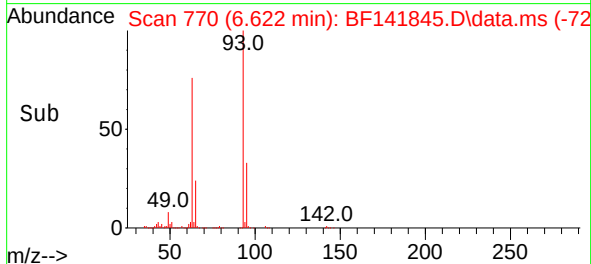
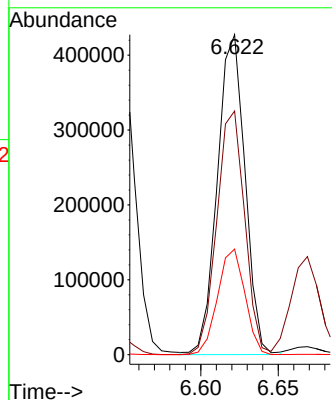
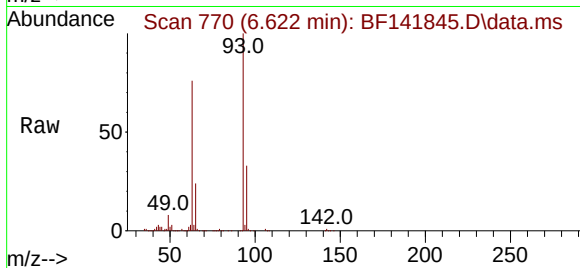
Tgt Ion: 93 Resp: 531330

Ion Ratio Lower Upper

93 100

63 76.2 59.3 99.3

95 33.0 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 43.499 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

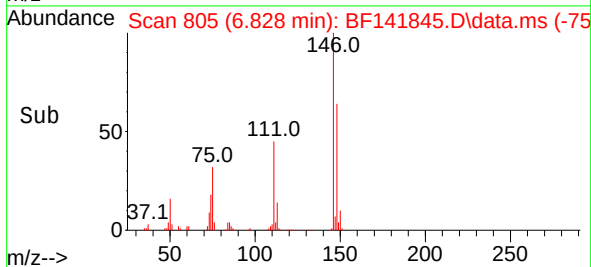
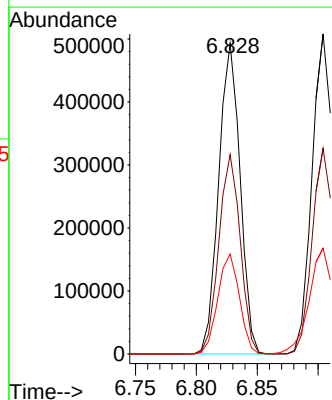
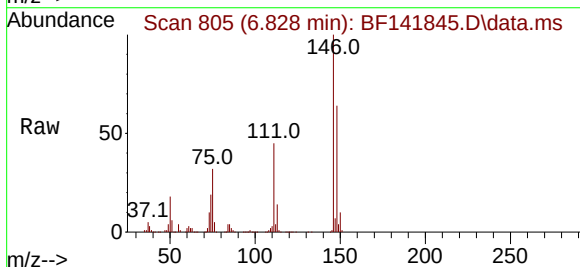
Tgt Ion:146 Resp: 603684

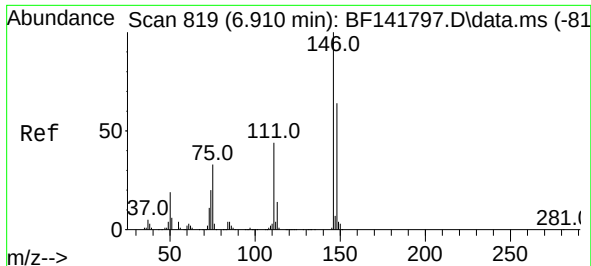
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

75 32.2 26.2 39.4

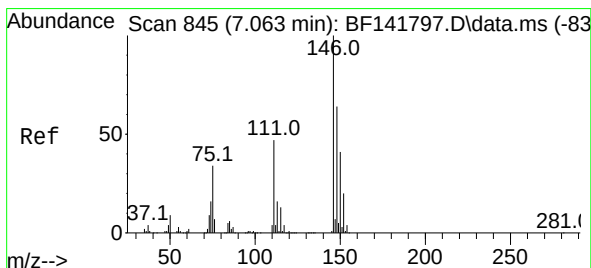
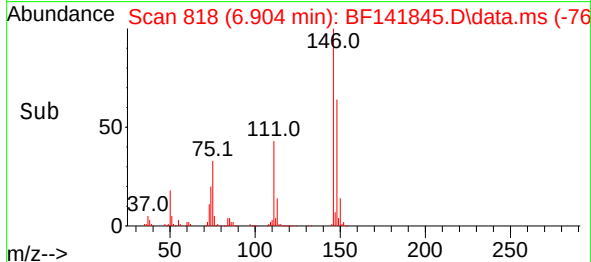
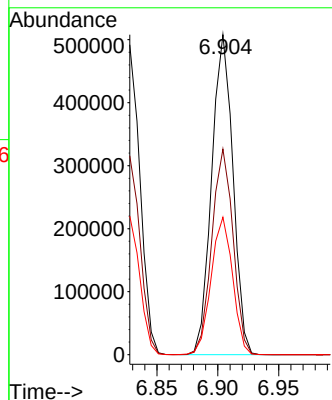
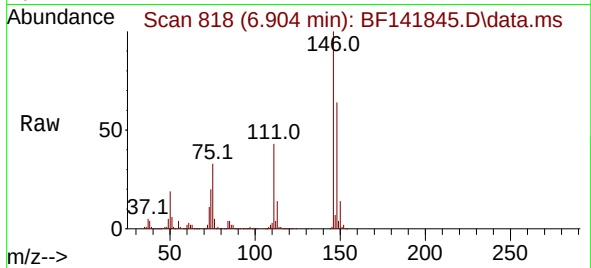




#13
1,4-Dichlorobenzene
Concen: 44.080 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

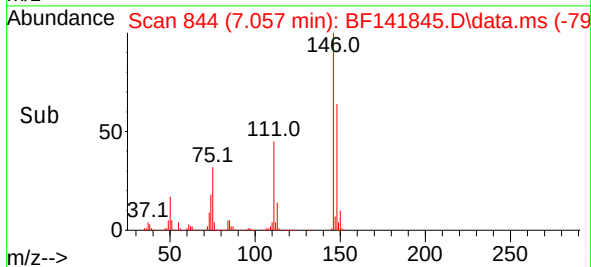
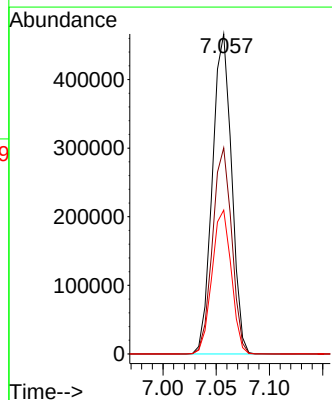
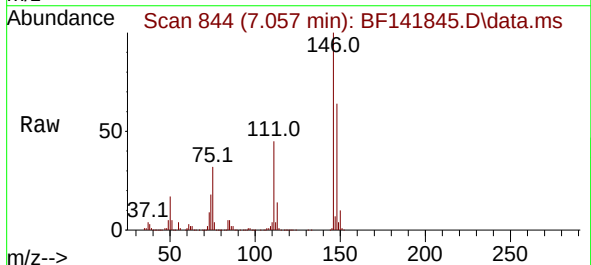
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

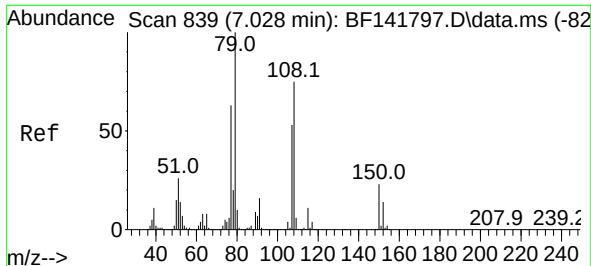
Tgt Ion:146 Resp: 616390
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 43.0 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 44.674 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:146 Resp: 583334
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
111 44.9 37.8 56.6

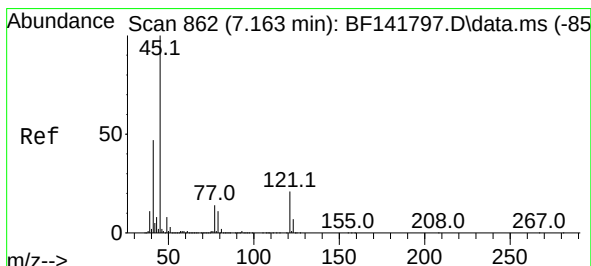
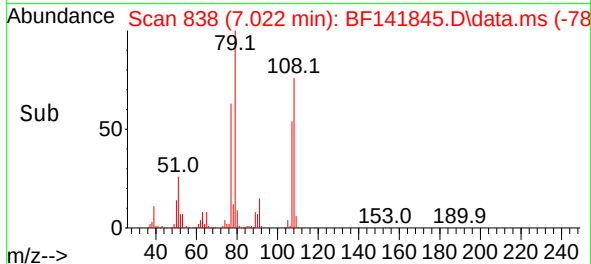
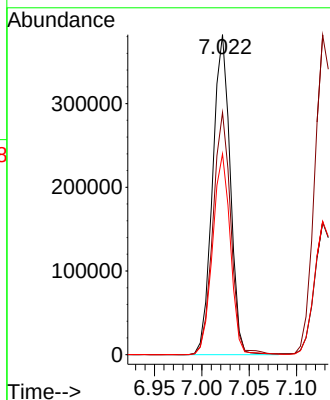
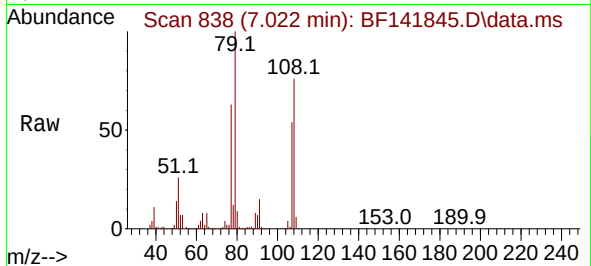




#15
Benzyl Alcohol
Concen: 39.909 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

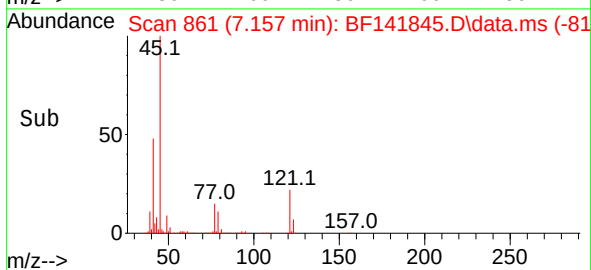
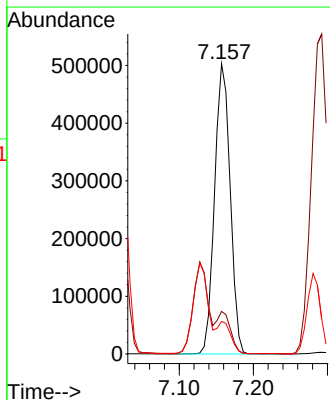
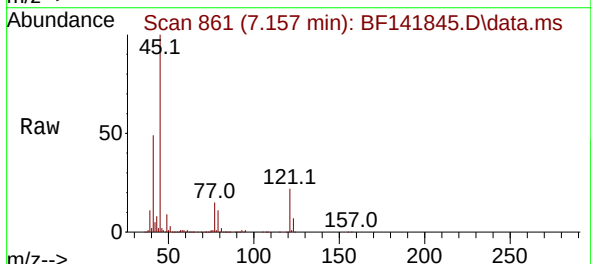
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

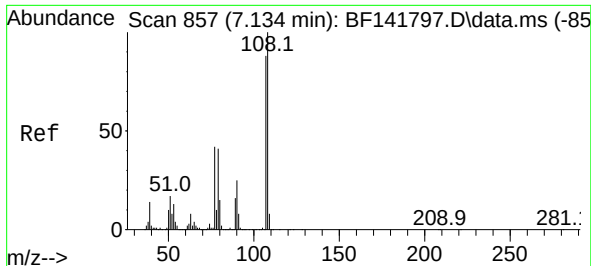
Tgt Ion: 79 Resp: 497324
Ion Ratio Lower Upper
79 100
108 75.7 60.2 90.2
77 62.7 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.031 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion: 45 Resp: 733553
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.4
79 11.2 0.0 30.9

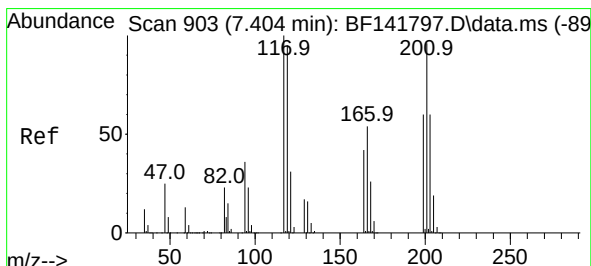
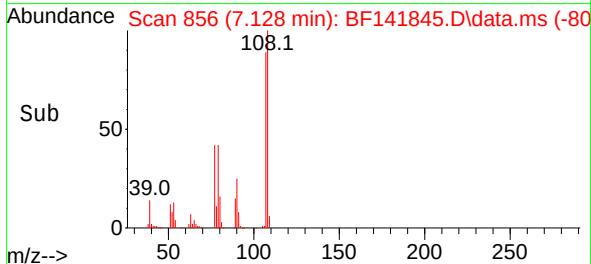
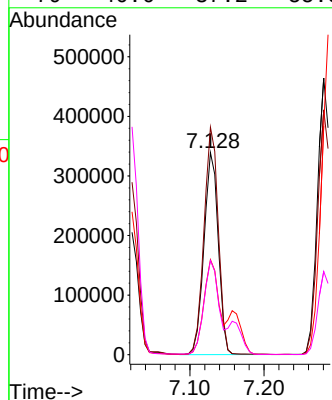
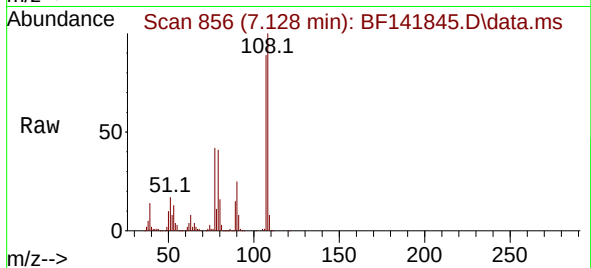




#17
2-Methylphenol
Concen: 42.513 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

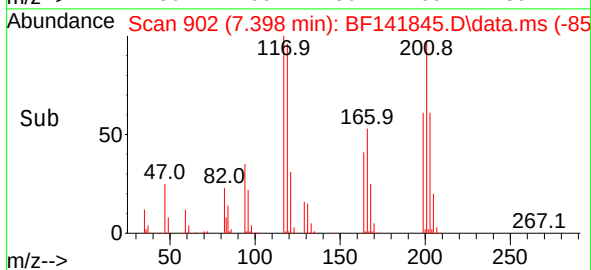
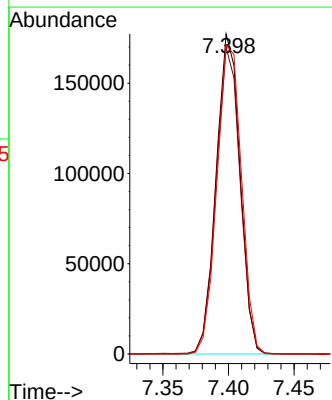
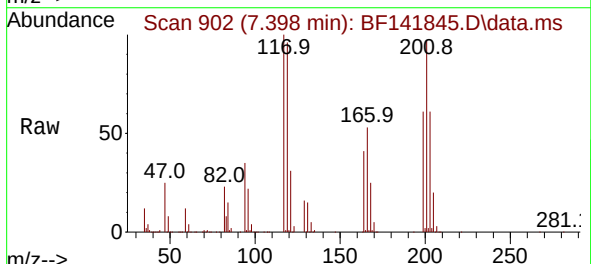
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

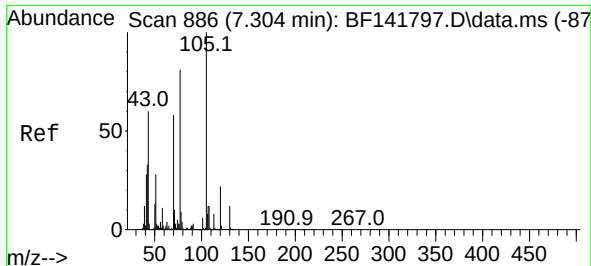
Tgt Ion:107 Resp: 454751
Ion Ratio Lower Upper
107 100
108 112.5 90.6 135.8
77 47.0 37.7 56.5
79 46.6 37.2 55.8



#18
Hexachloroethane
Concen: 42.859 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:117 Resp: 224314
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 96.6 76.7 115.1

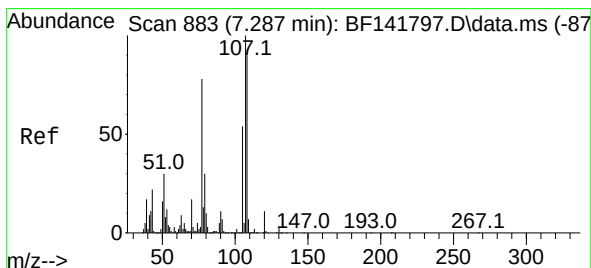
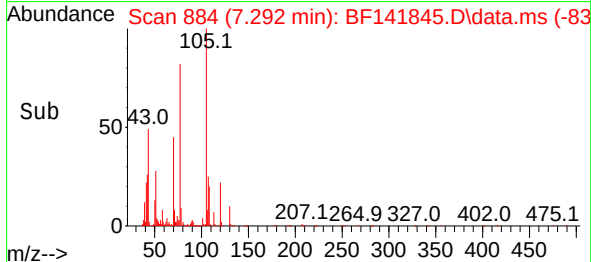
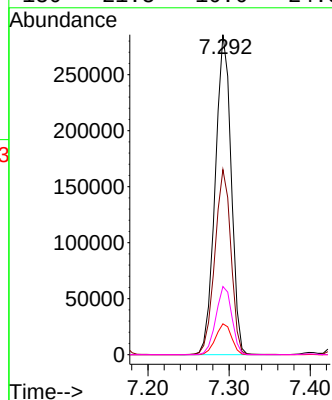
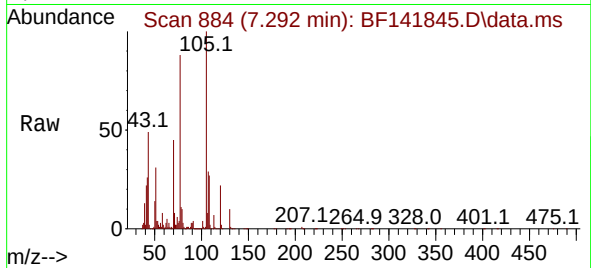




#19
n-Nitroso-di-n-propylamine
Concen: 38.092 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

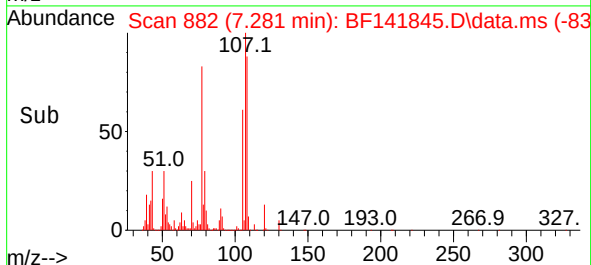
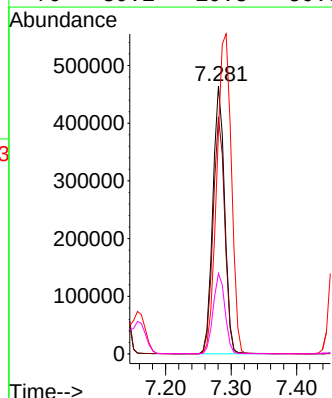
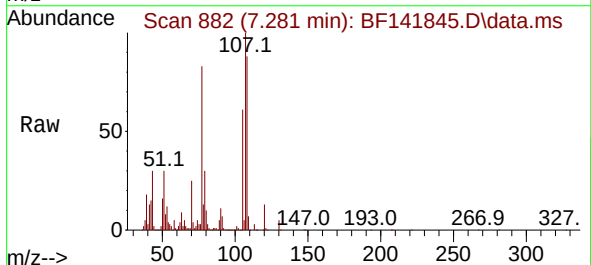
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

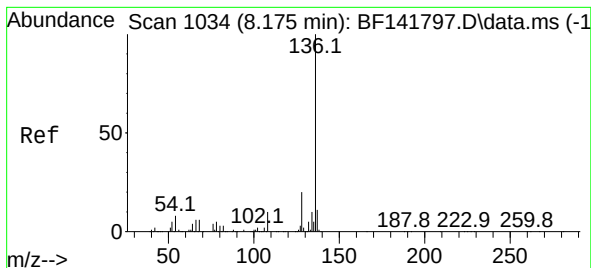
Tgt Ion: 70 Resp: 390439
Ion Ratio Lower Upper
70 100
42 57.8 45.4 68.0
101 9.7 7.8 11.8
130 21.3 16.6 24.8



#20
3+4-Methylphenols
Concen: 43.679 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:107 Resp: 581786
Ion Ratio Lower Upper
107 100
108 88.5 69.7 109.7
77 82.7 58.3 98.3
79 30.1 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion:136 Resp: 731999

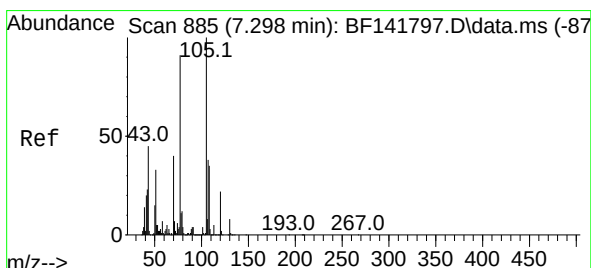
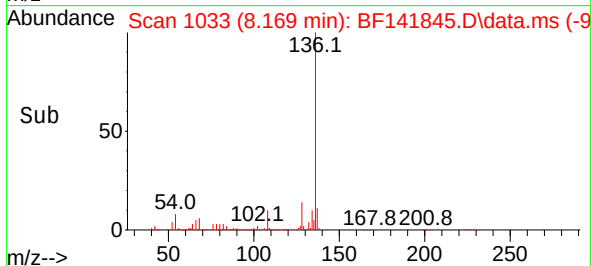
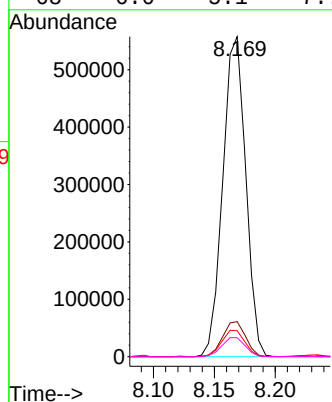
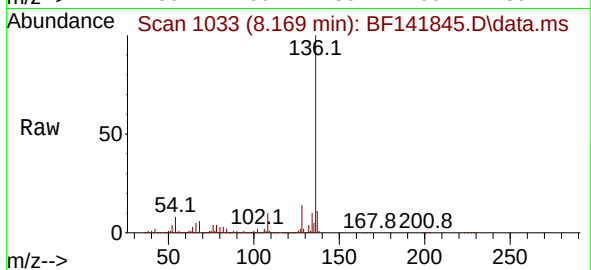
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 6.9 10.3

68 6.0 5.1 7.7



#22

Acetophenone

Concen: 47.275 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Tgt Ion:105 Resp: 842821

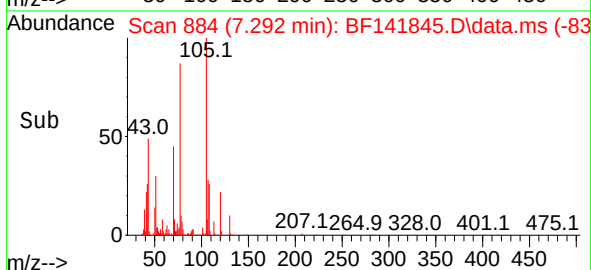
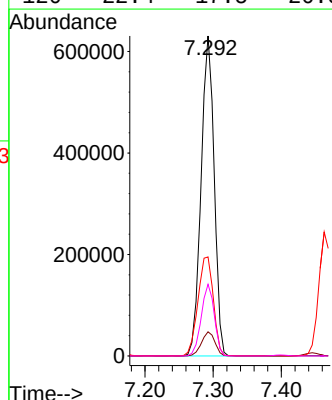
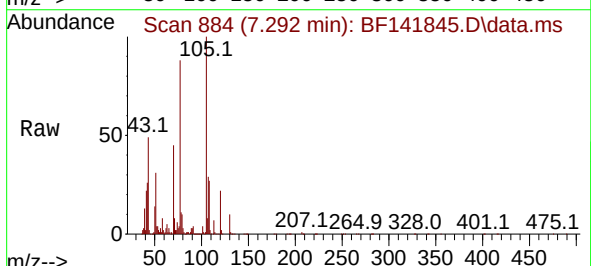
Ion Ratio Lower Upper

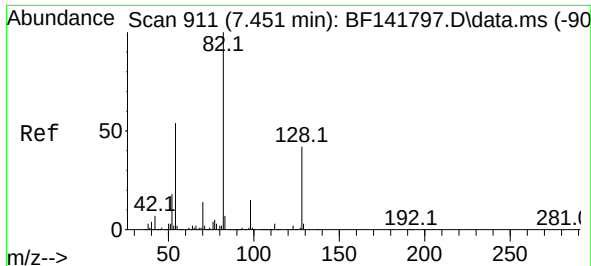
105 100

71 7.6 5.4 8.0

51 31.0 26.1 39.1

120 22.4 17.5 26.3





#23

Nitrobenzene-d5

Concen: 89.888 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

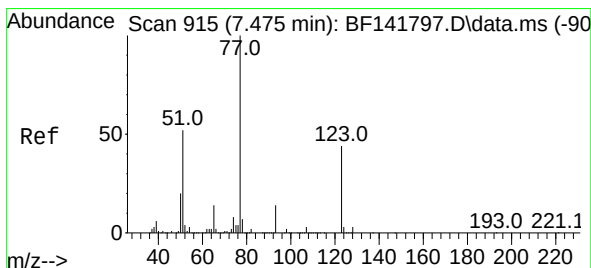
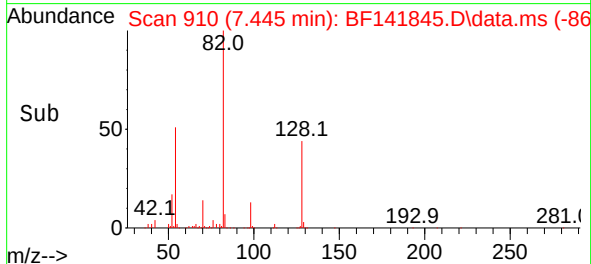
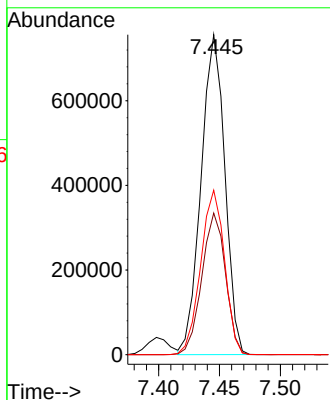
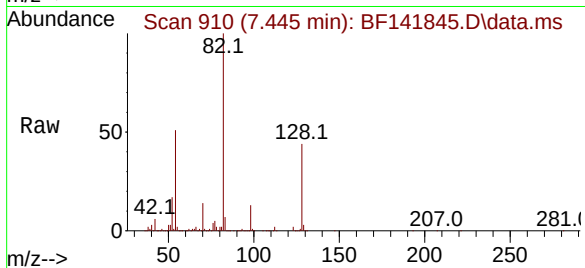
Tgt Ion: 82 Resp: 1029379

Ion Ratio Lower Upper

82 100

128 44.3 33.5 50.3

54 51.4 42.7 64.1



#24

Nitrobenzene

Concen: 48.826 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

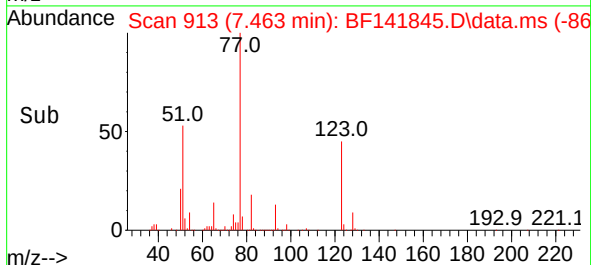
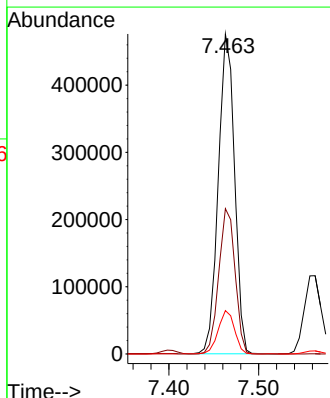
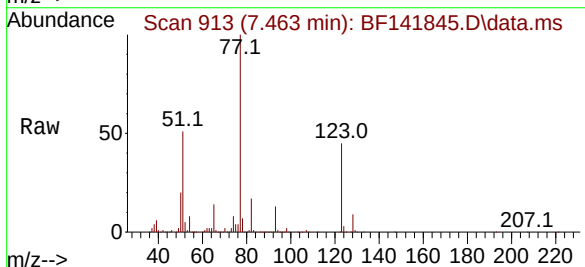
Tgt Ion: 77 Resp: 598766

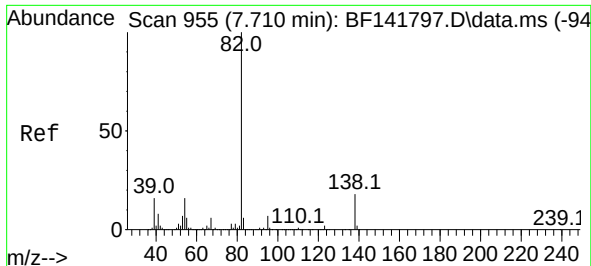
Ion Ratio Lower Upper

77 100

123 45.4 35.8 53.8

65 13.5 11.2 16.8

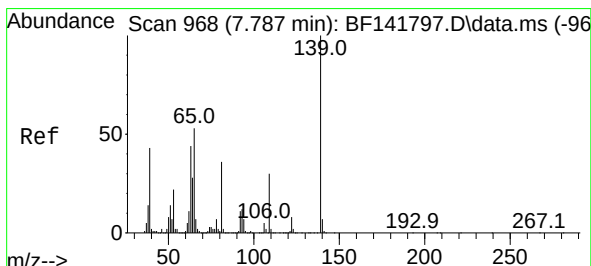
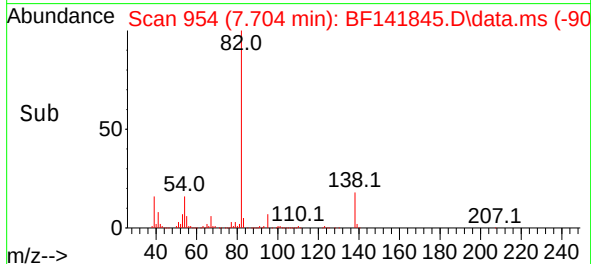
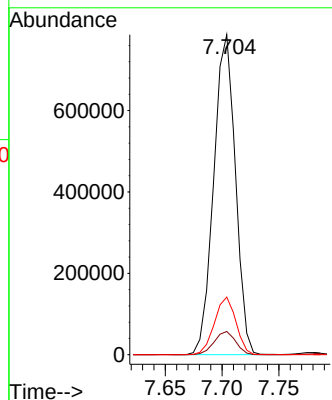
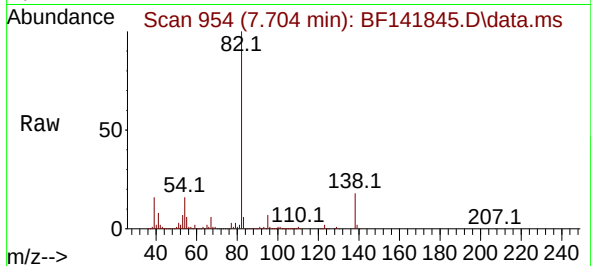




#25
Isophorone
Concen: 42.481 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

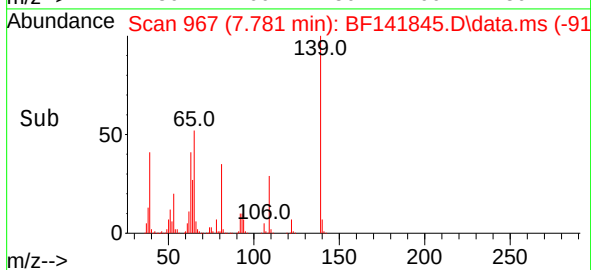
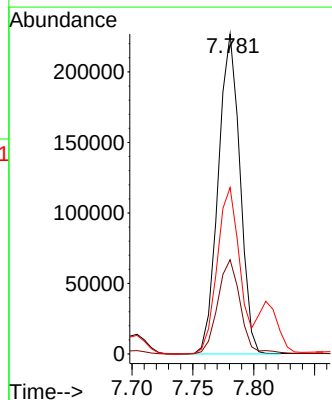
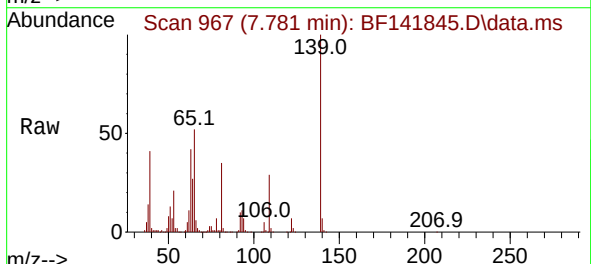
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

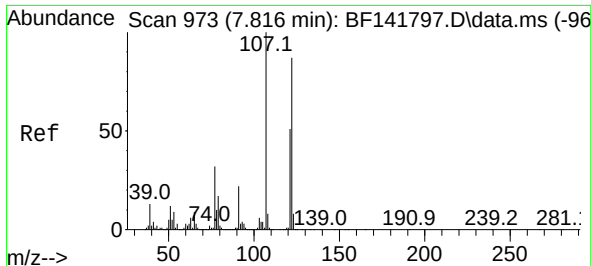
Tgt Ion: 82 Resp: 1045129
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.0 14.0 21.0



#26
2-Nitrophenol
Concen: 51.099 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:139 Resp: 281708
Ion Ratio Lower Upper
139 100
109 29.4 24.1 36.1
65 52.0 42.3 63.5

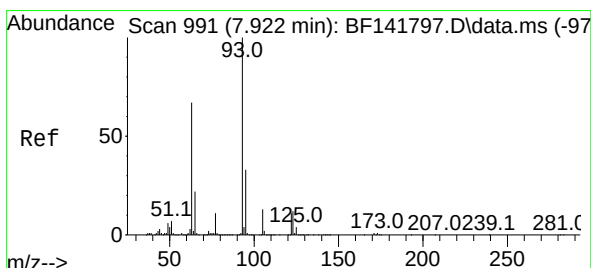
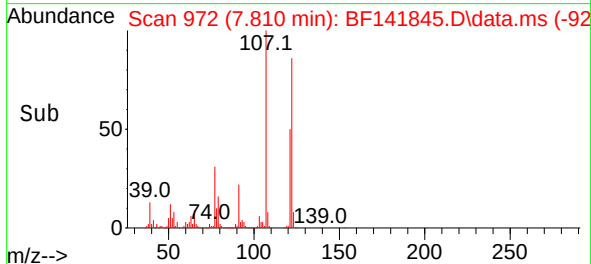
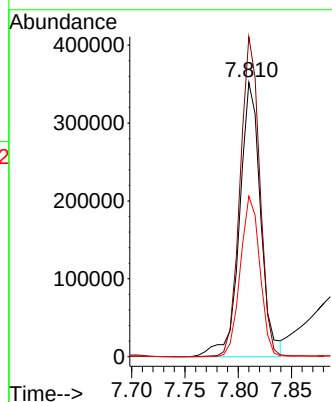
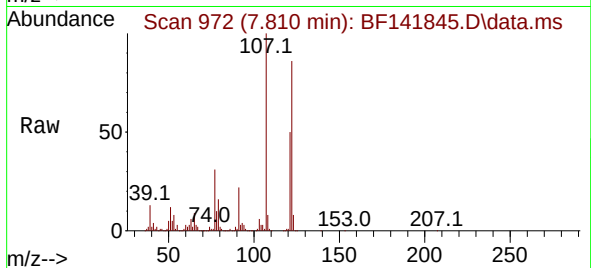




#27
2,4-Dimethylphenol
Concen: 53.613 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

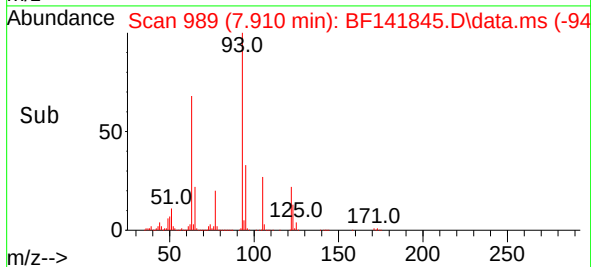
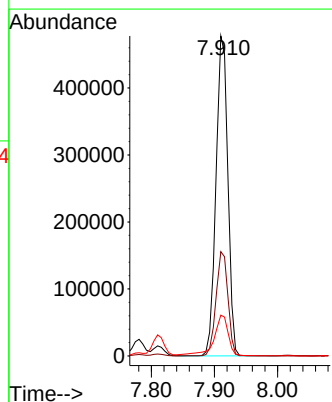
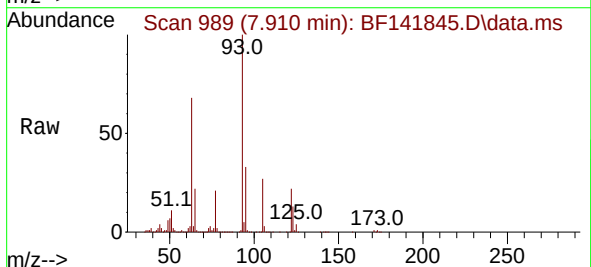
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

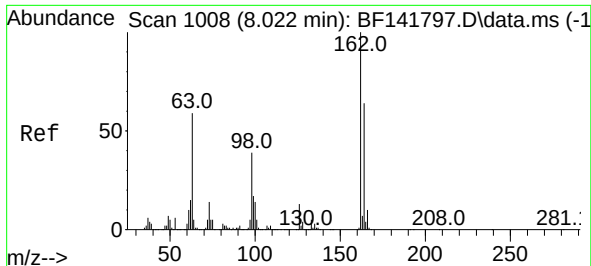
Tgt Ion:122 Resp: 484864
Ion Ratio Lower Upper
122 100
107 116.7 92.5 138.7
121 58.5 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.625 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion: 93 Resp: 621875
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 12.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.378 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

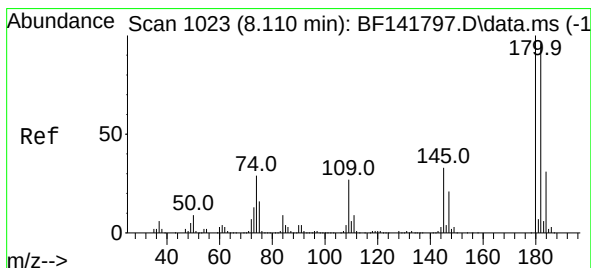
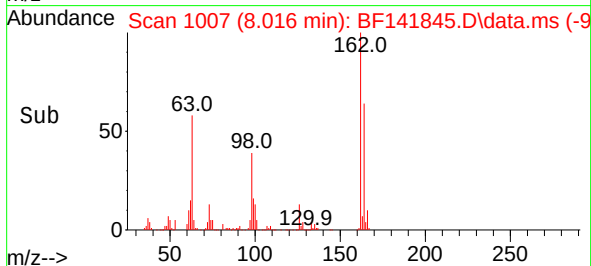
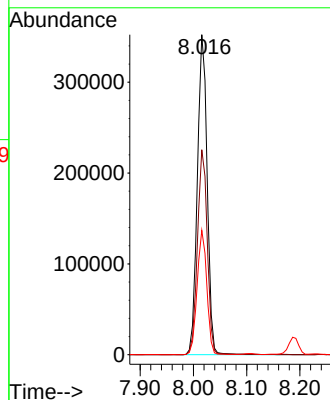
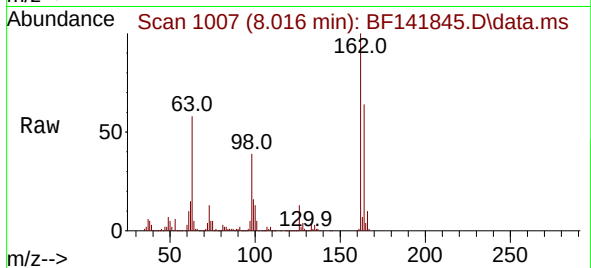
Tgt Ion:162 Resp: 452566

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 38.9 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 43.300 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

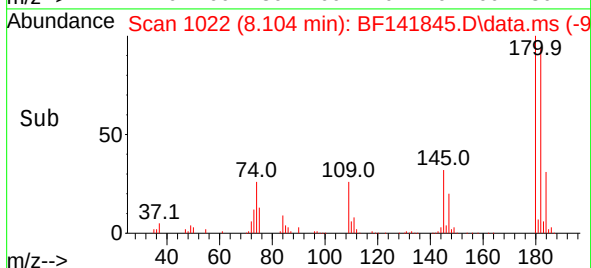
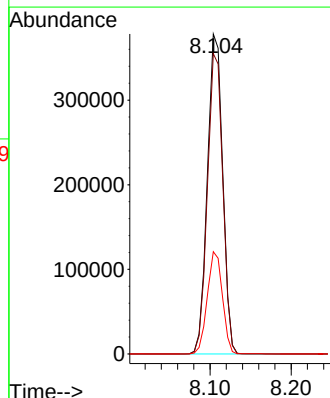
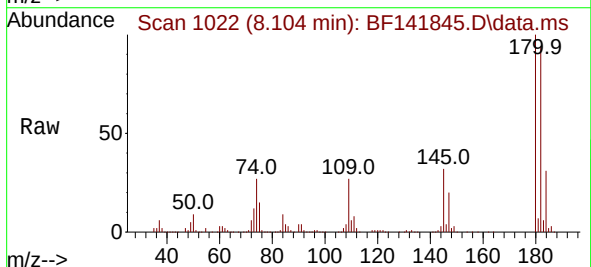
Tgt Ion:180 Resp: 495020

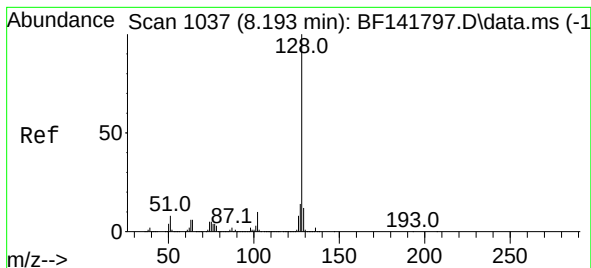
Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

145 32.0 26.4 39.6

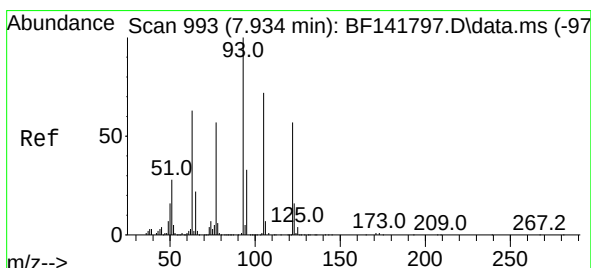
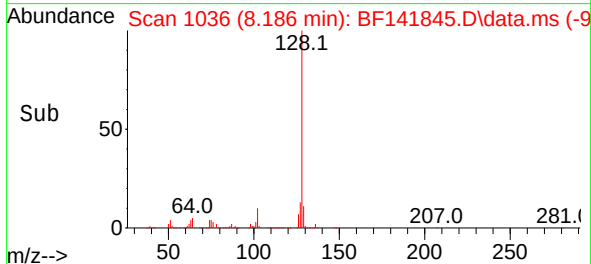
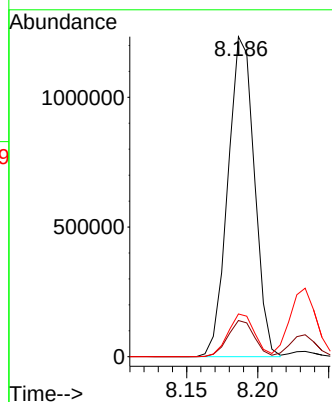
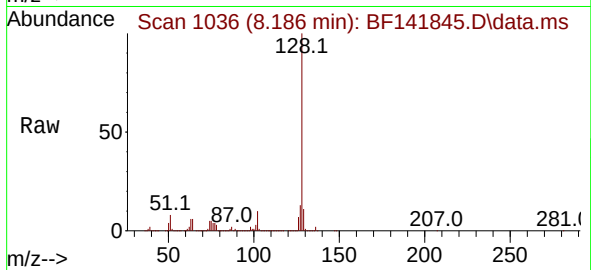




#31
Naphthalene
Concen: 42.475 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

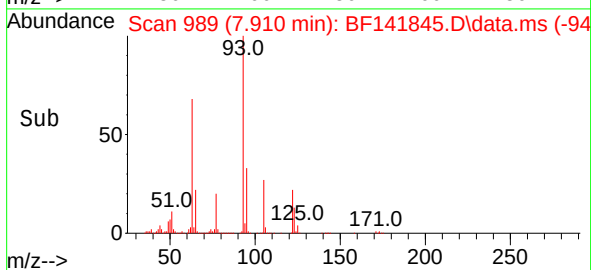
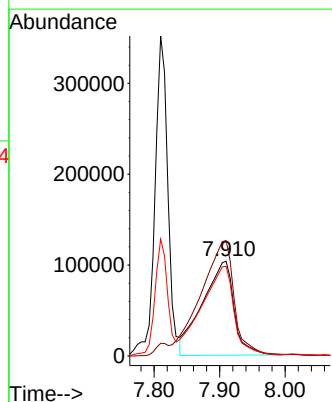
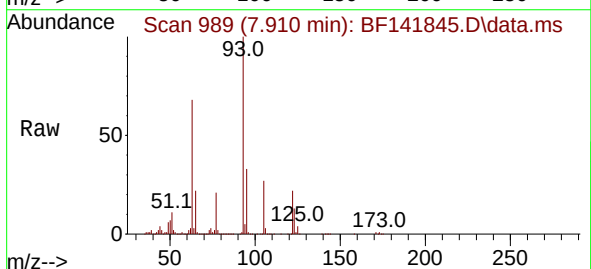
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

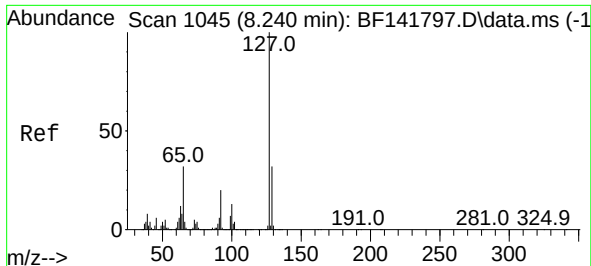
Tgt Ion:128 Resp: 1597999
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.4 11.0 16.4



#32
Benzoic acid
Concen: 46.310 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.024 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:122 Resp: 347122
Ion Ratio Lower Upper
122 100
105 121.9 105.8 145.8
77 94.6 79.9 119.9





#33

4-Chloroaniline

Concen: 25.186 ng

RT: 8.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

Tgt Ion:127 Resp: 347428

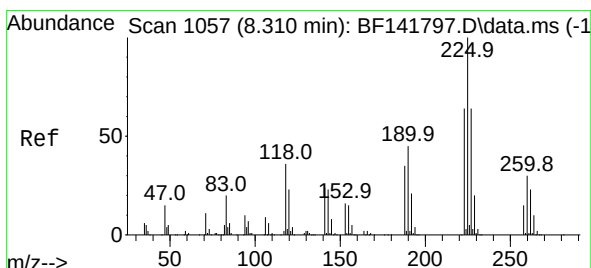
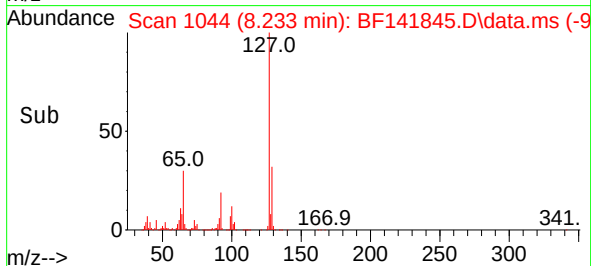
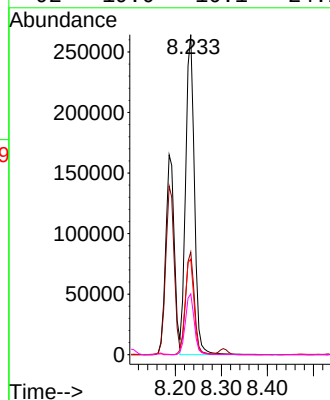
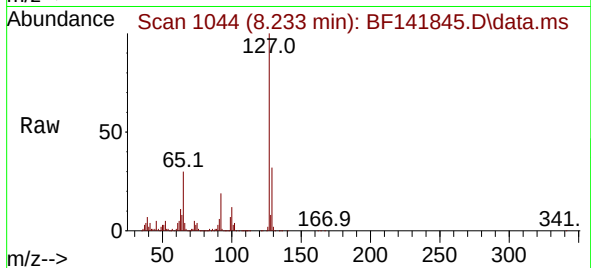
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 29.8 25.7 38.5

92 19.0 16.1 24.1



#34

Hexachlorobutadiene

Concen: 43.322 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

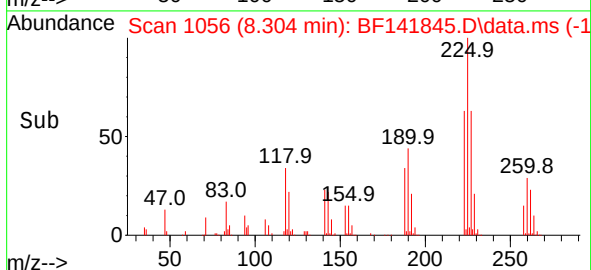
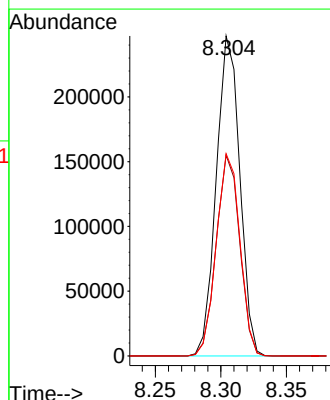
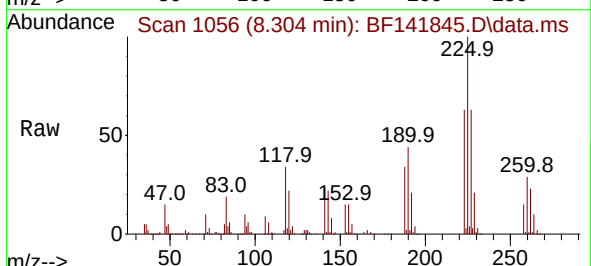
Tgt Ion:225 Resp: 307767

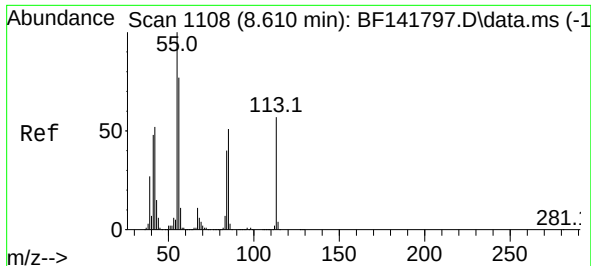
Ion Ratio Lower Upper

225 100

223 62.8 51.4 77.2

227 63.2 51.6 77.4





#35

Caprolactam

Concen: 51.613 ng

RT: 8.592 min Scan# 1105

Delta R.T. -0.018 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

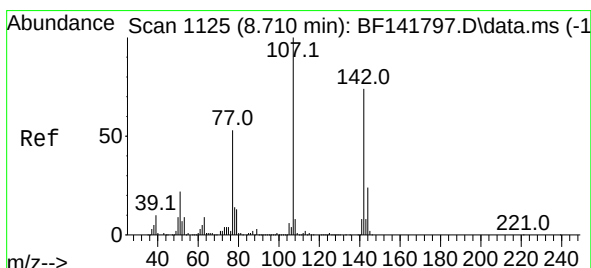
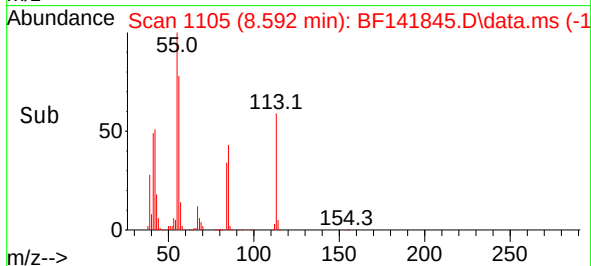
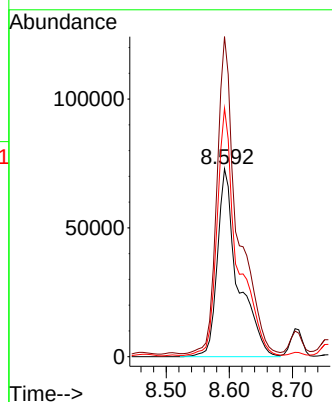
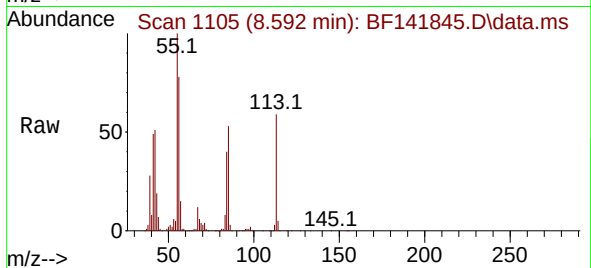
Tgt Ion:113 Resp: 165656

Ion Ratio Lower Upper

113 100

55 170.4 155.6 195.6

56 132.3 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 41.874 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

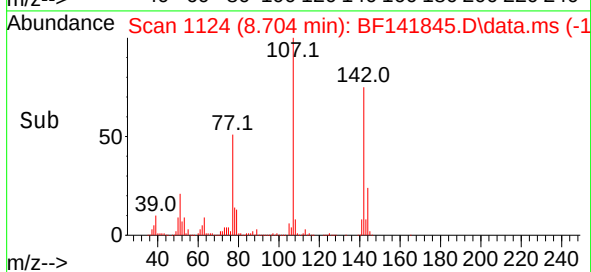
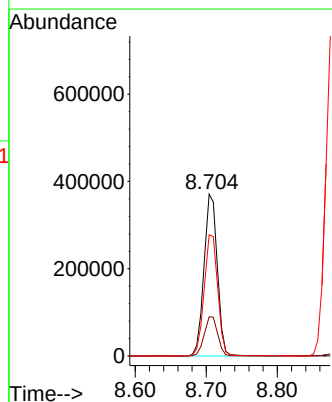
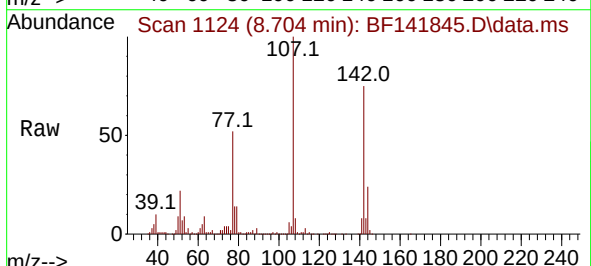
Tgt Ion:107 Resp: 485311

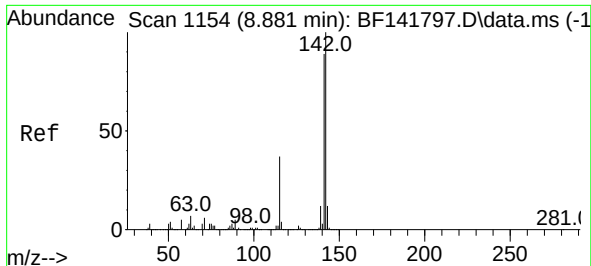
Ion Ratio Lower Upper

107 100

144 24.2 19.4 29.0

142 74.9 59.4 89.0





#37

2-Methylnaphthalene

Concen: 39.744 ng

RT: 8.880 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

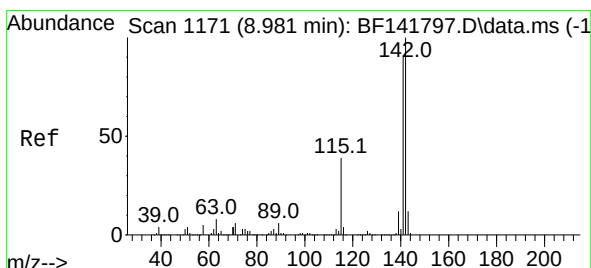
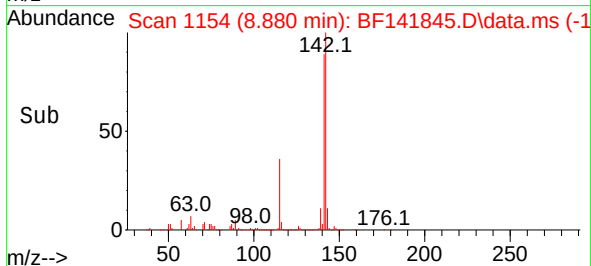
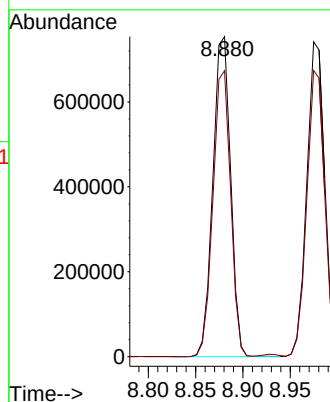
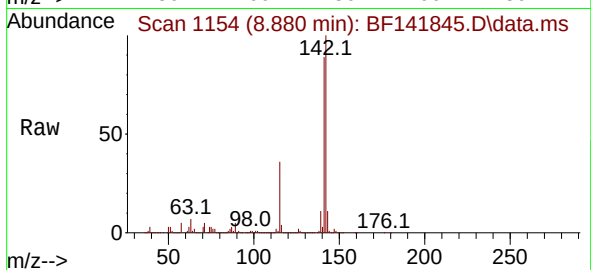
DN-B-42MSD

Tgt Ion:142 Resp: 980751

Ion Ratio Lower Upper

142 100

141 89.4 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.974 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF141845.D

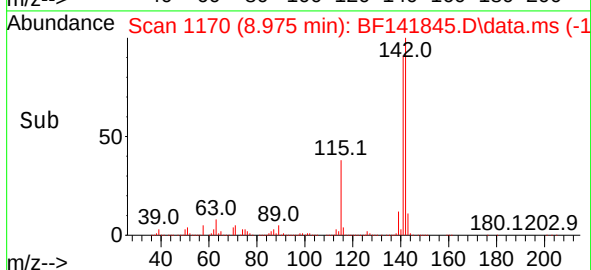
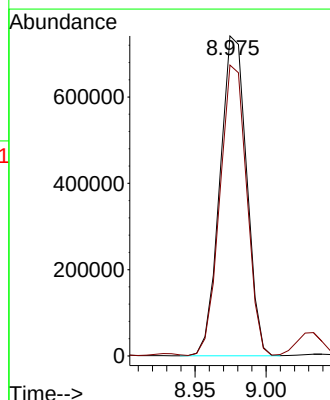
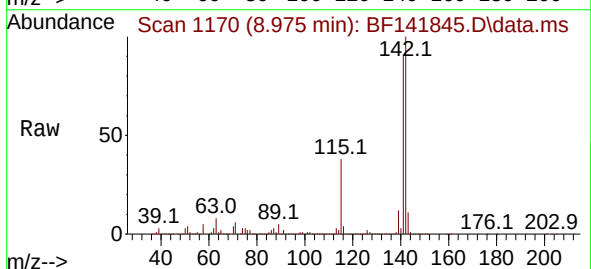
Acq: 05 Mar 2025 15:51

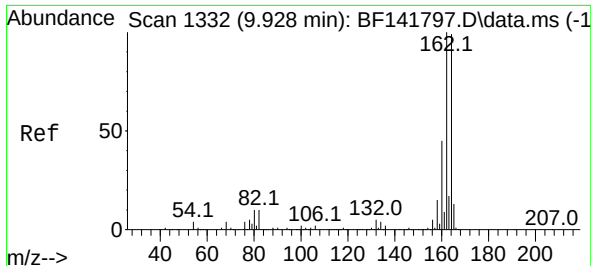
Tgt Ion:142 Resp: 970185

Ion Ratio Lower Upper

142 100

141 90.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

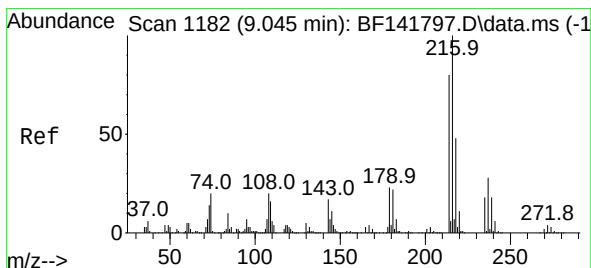
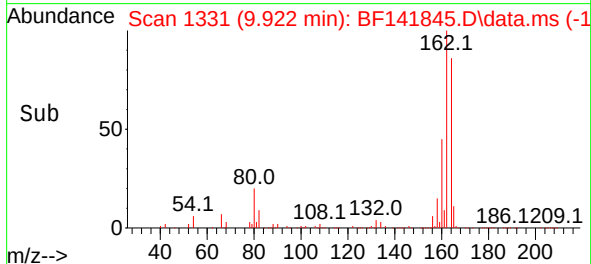
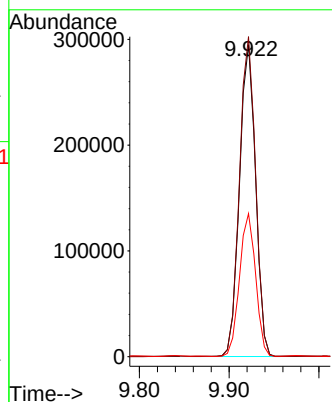
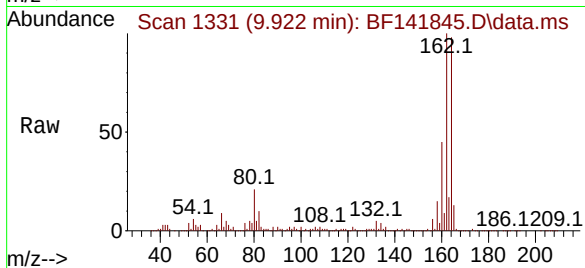
Tgt Ion:164 Resp: 367233

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

160 45.8 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.478 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Tgt Ion:216 Resp: 524773

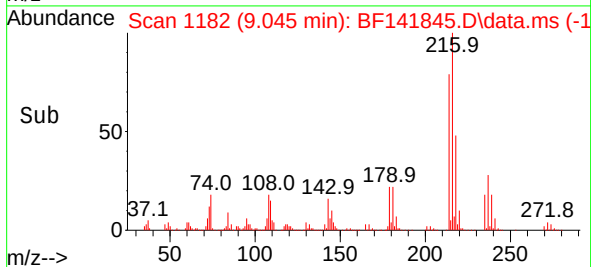
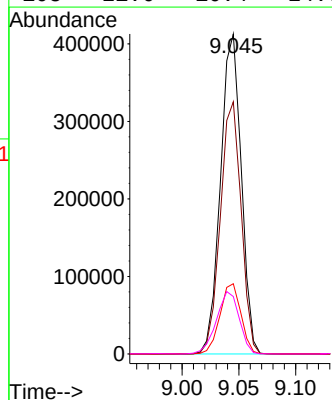
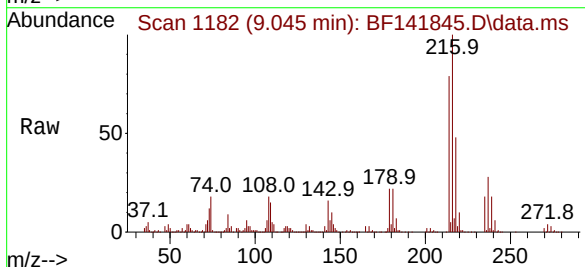
Ion Ratio Lower Upper

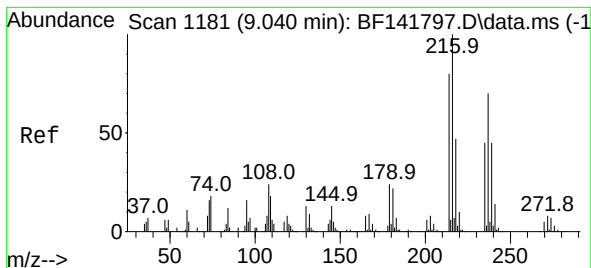
216 100

214 78.9 63.5 95.3

179 22.3 18.1 27.1

108 21.6 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 128.474 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

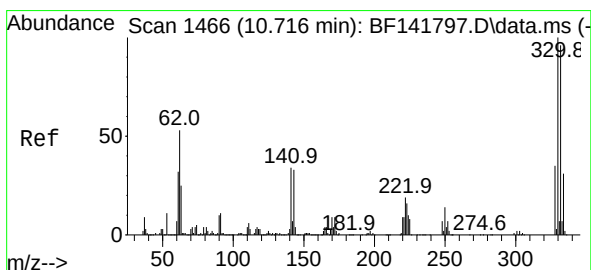
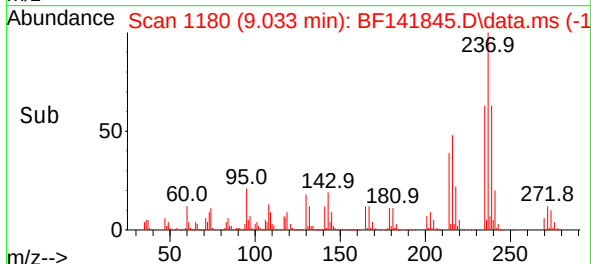
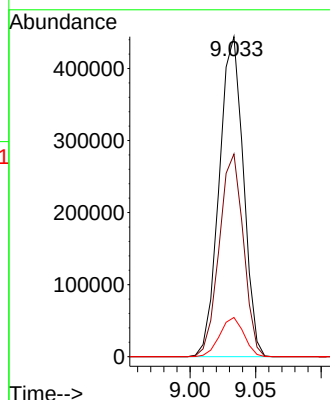
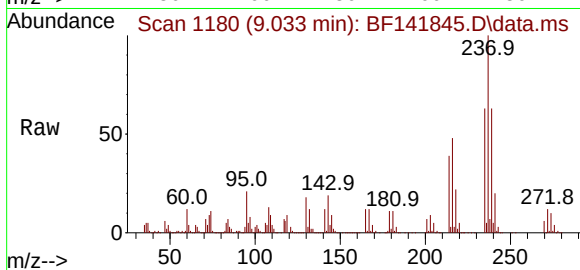
Tgt Ion:237 Resp: 568656

Ion Ratio Lower Upper

237 100

235 63.3 43.3 83.3

272 12.2 0.0 31.9



#42

2,4,6-Tribromophenol

Concen: 116.878 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

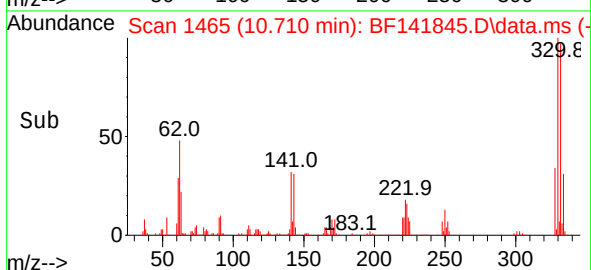
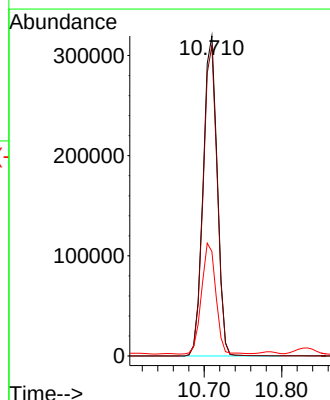
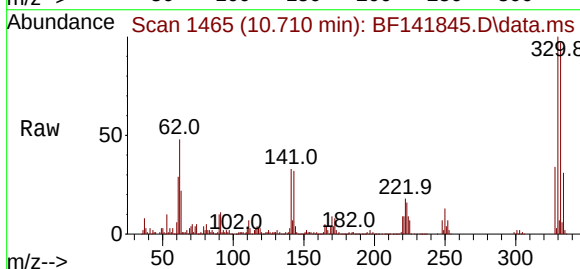
Tgt Ion:330 Resp: 402954

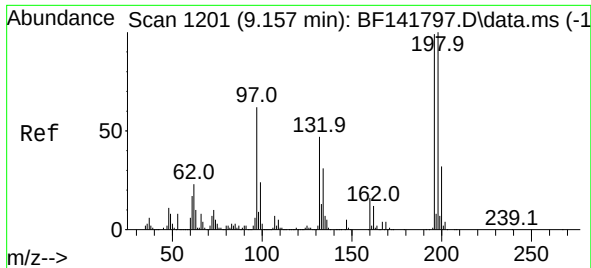
Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

141 35.2 29.0 43.4

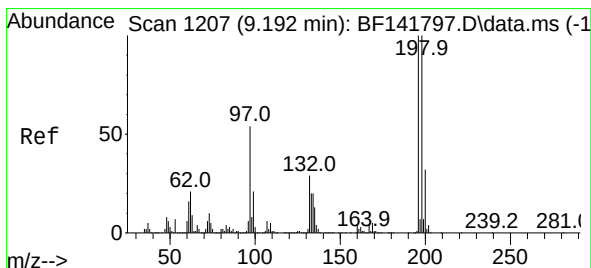
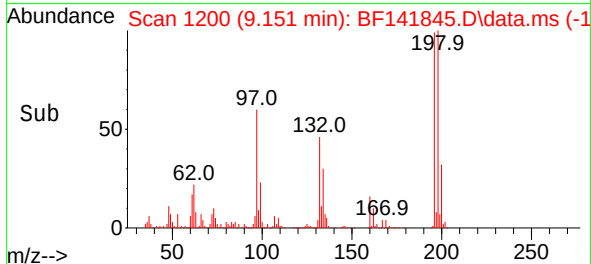
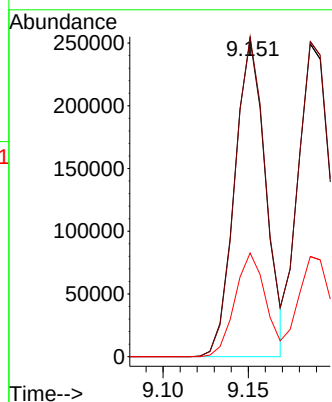
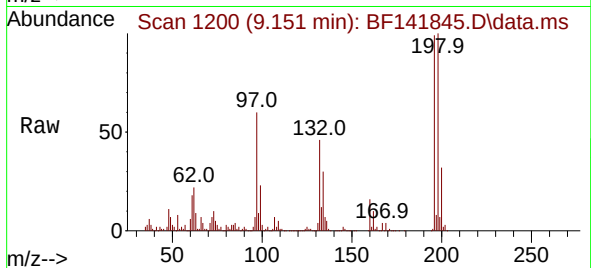




#43
2,4,6-Trichlorophenol
Concen: 46.755 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

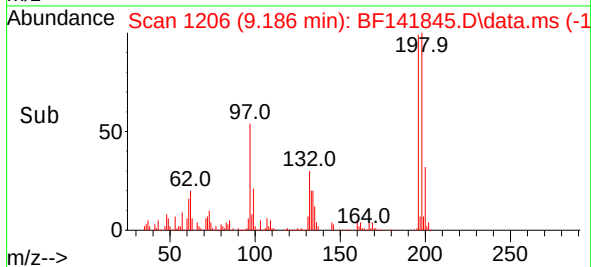
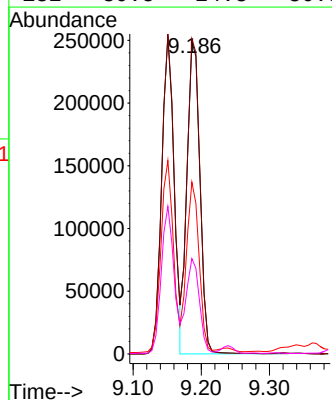
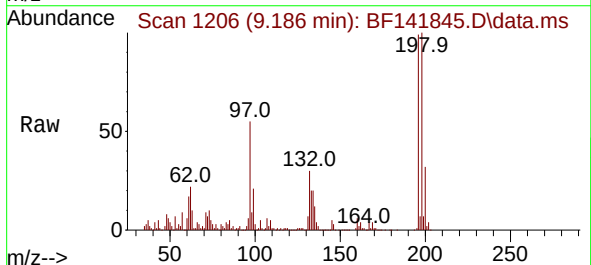
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

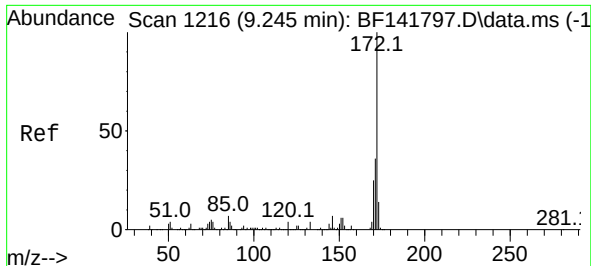
Tgt Ion:196 Resp: 320323
Ion Ratio Lower Upper
196 100
198 100.8 80.4 120.6
200 32.7 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 48.135 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:196 Resp: 326554
Ion Ratio Lower Upper
196 100
198 100.7 79.7 119.5
97 54.9 44.2 66.2
132 30.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 75.048 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

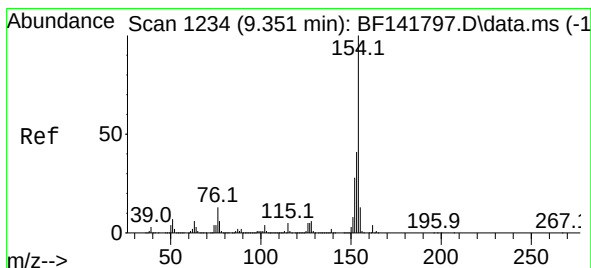
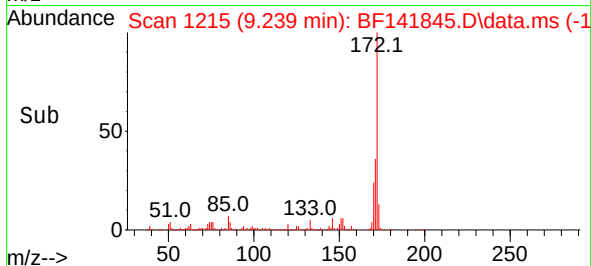
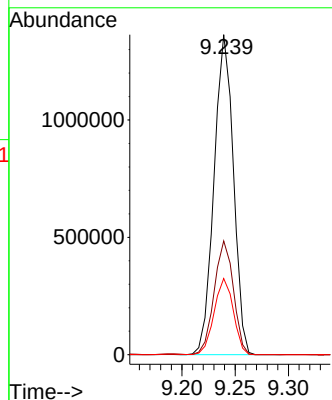
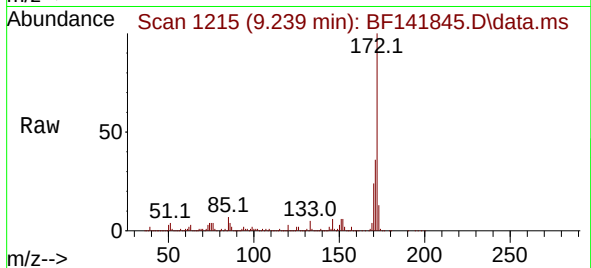
Tgt Ion:172 Resp: 1718796

Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

170 23.8 19.7 29.5



#46

1,1'-Biphenyl

Concen: 49.416 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

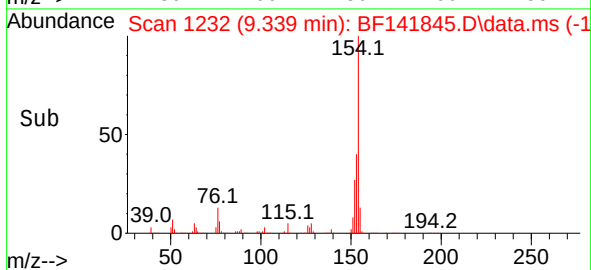
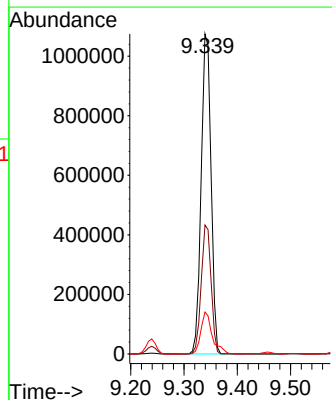
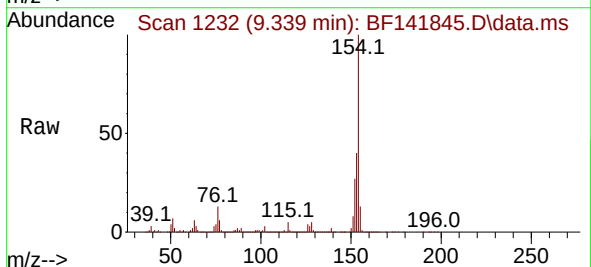
Tgt Ion:154 Resp: 1381301

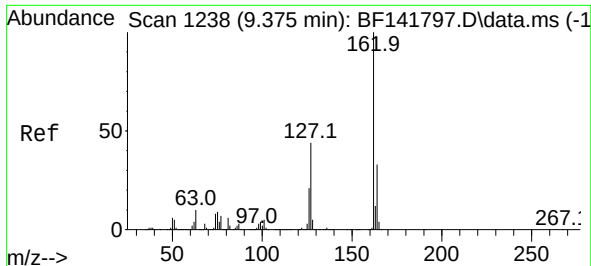
Ion Ratio Lower Upper

154 100

153 40.3 21.4 61.4

76 13.1 0.0 33.4





#47

2-Chloronaphthalene

Concen: 45.529 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

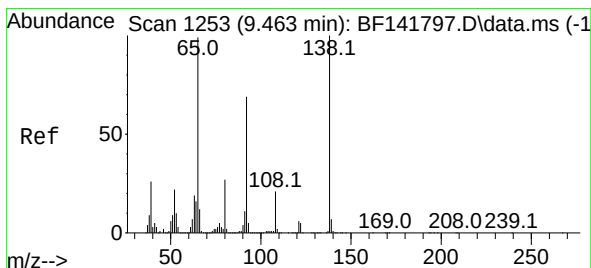
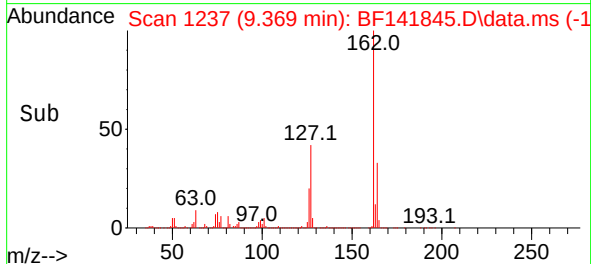
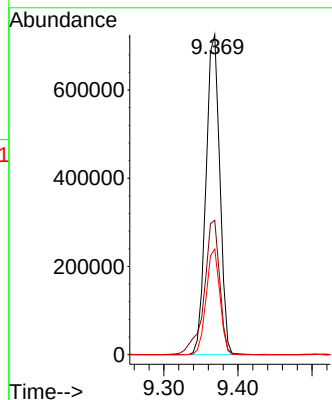
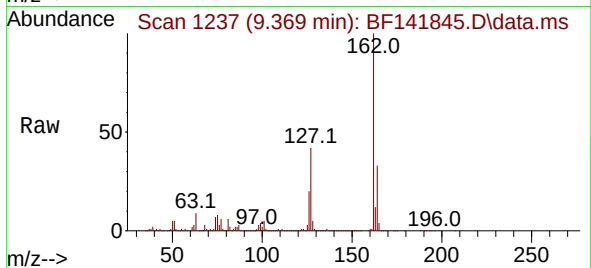
Tgt Ion:162 Resp: 939307

Ion Ratio Lower Upper

162 100

127 42.0 35.0 52.6

164 33.0 26.6 40.0



#48

2-Nitroaniline

Concen: 52.958 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

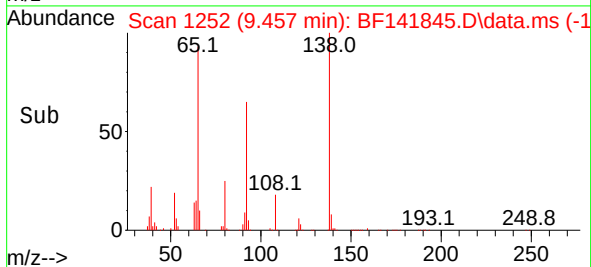
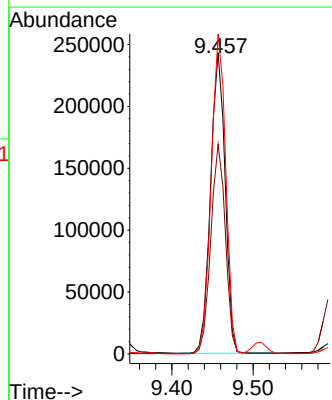
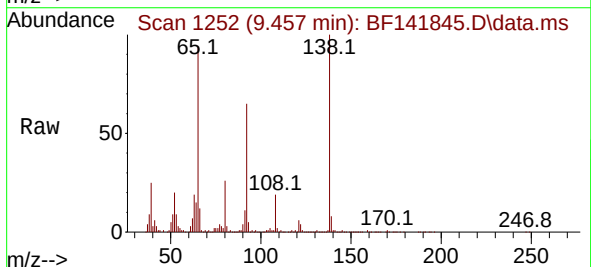
Tgt Ion: 65 Resp: 301849

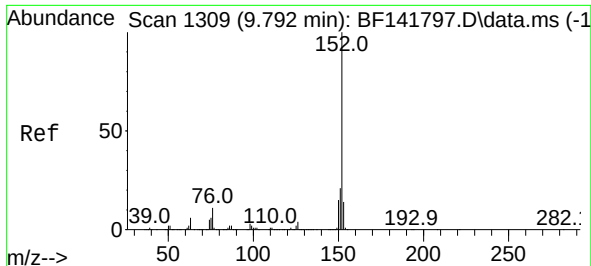
Ion Ratio Lower Upper

65 100

92 69.6 55.7 83.5

138 106.2 80.6 121.0

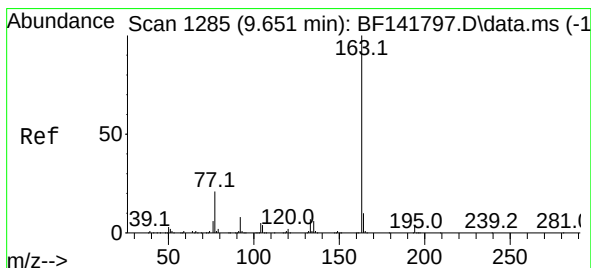
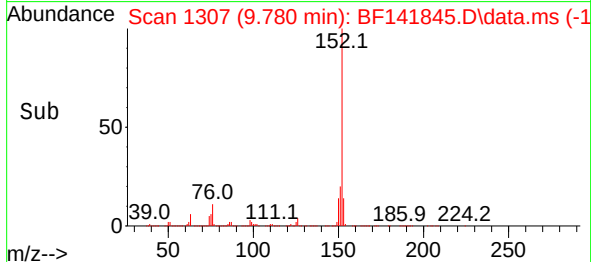
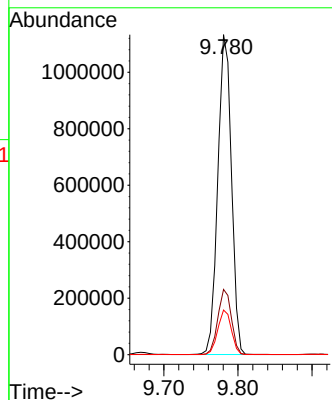
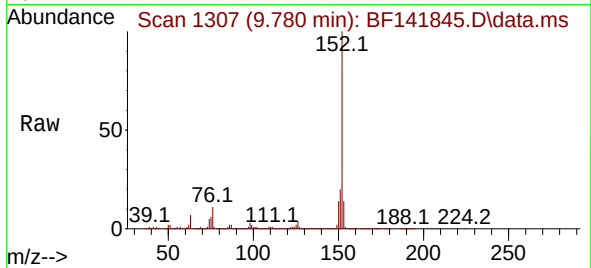




#49
Acenaphthylene
Concen: 46.713 ng
RT: 9.780 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

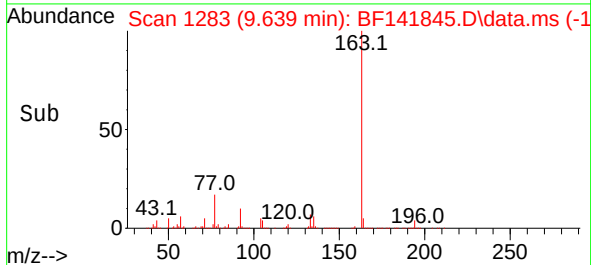
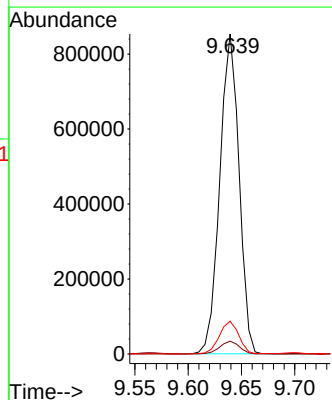
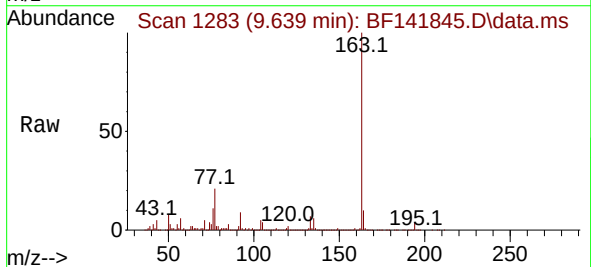
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

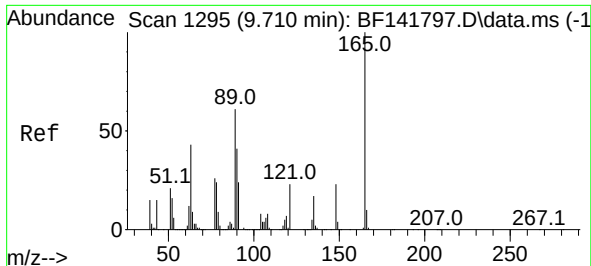
Tgt Ion:152 Resp: 1444944
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.0 11.2 16.8



#50
Dimethylphthalate
Concen: 43.481 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:163 Resp: 1069323
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 49.987 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

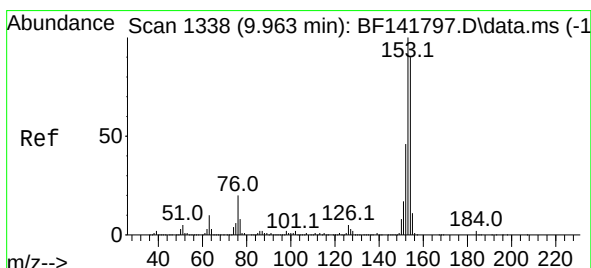
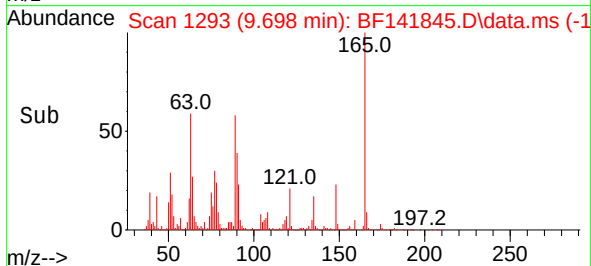
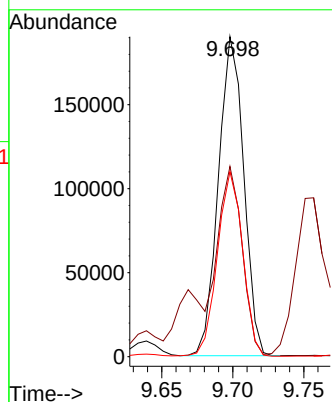
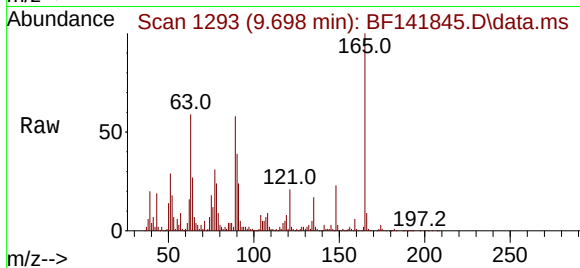
Tgt Ion:165 Resp: 235755

Ion Ratio Lower Upper

165 100

63 59.4 49.5 74.3

89 57.8 49.0 73.4



#52

Acenaphthene

Concen: 46.974 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

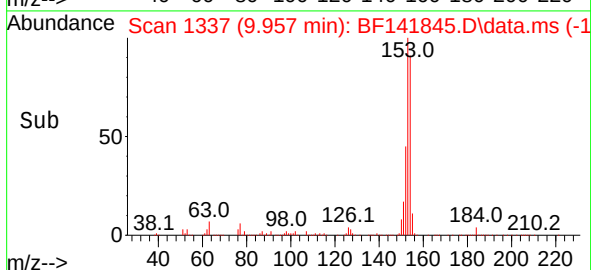
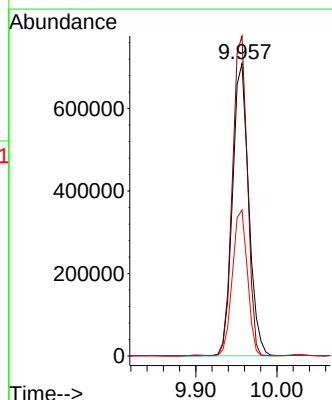
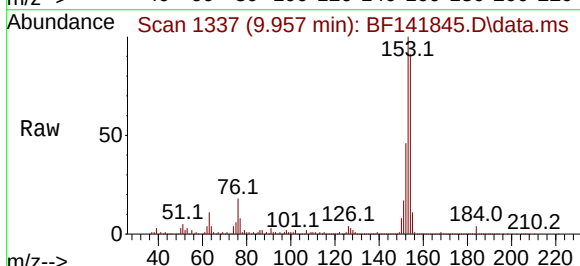
Tgt Ion:154 Resp: 980429

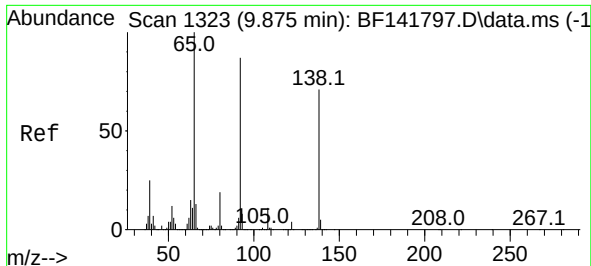
Ion Ratio Lower Upper

154 100

153 109.5 88.7 133.1

152 49.9 40.9 61.3

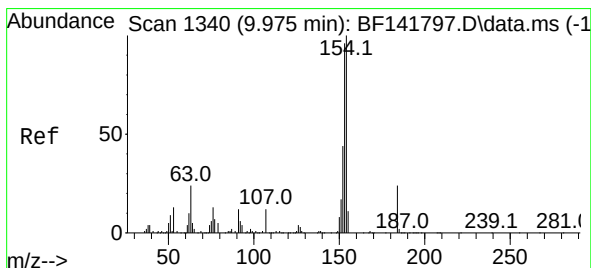
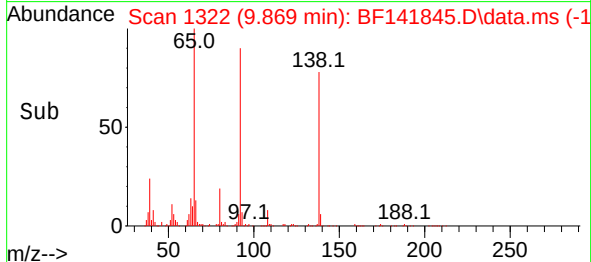
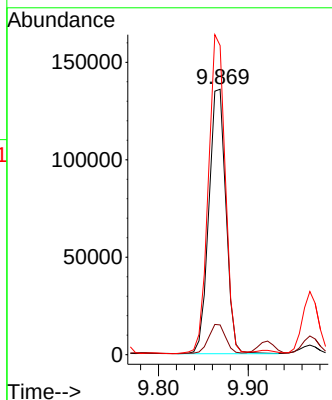
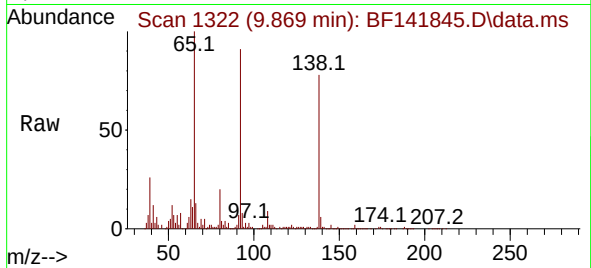




#53
3-Nitroaniline
Concen: 36.508 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

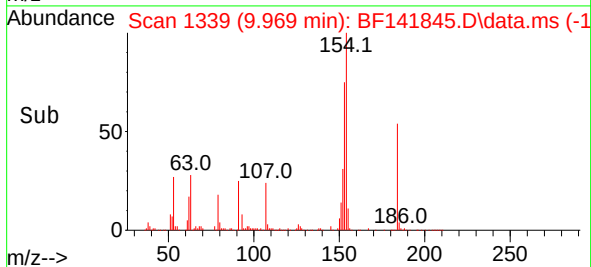
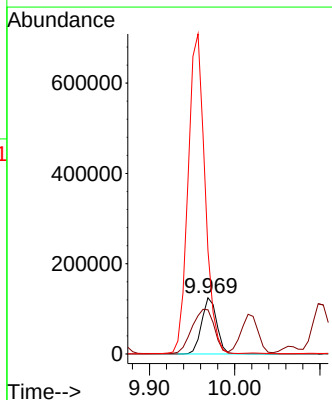
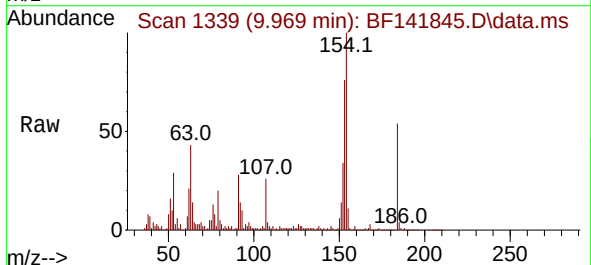
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

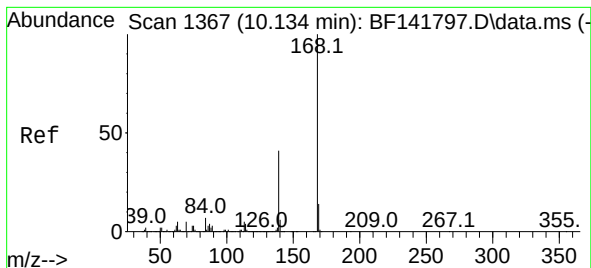
Tgt Ion:138 Resp: 179159
Ion Ratio Lower Upper
138 100
108 11.2 12.7 19.1#
92 116.4 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 73.318 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:184 Resp: 153518
Ion Ratio Lower Upper
184 100
63 78.6 79.0 118.6#
154 184.3 335.8 503.8#





#55

Dibenzenofuran

Concen: 42.456 ng

RT: 10.127 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

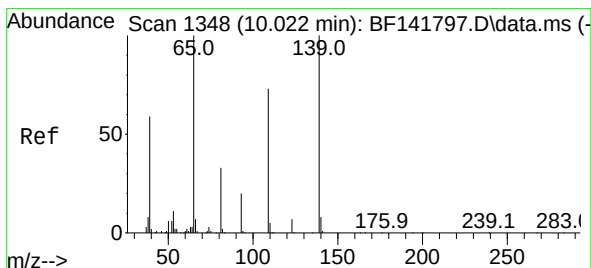
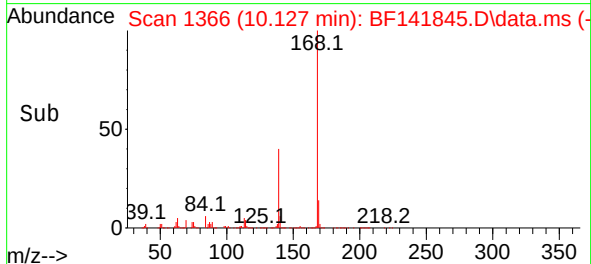
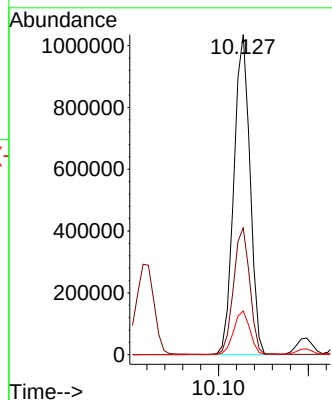
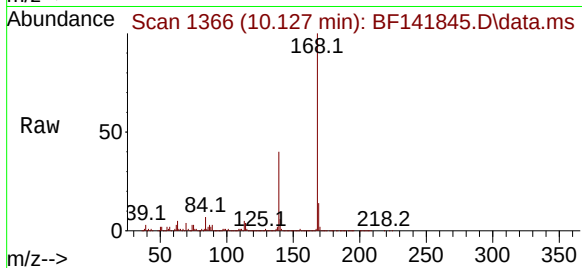
Tgt Ion:168 Resp: 1289752

Ion Ratio Lower Upper

168 100

139 39.6 32.9 49.3

169 13.7 11.1 16.7



#56

4-Nitrophenol

Concen: 114.125 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

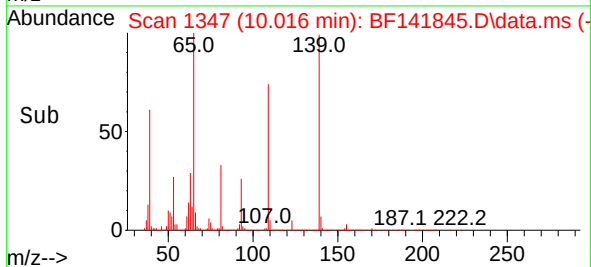
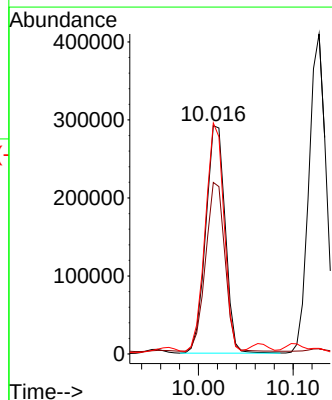
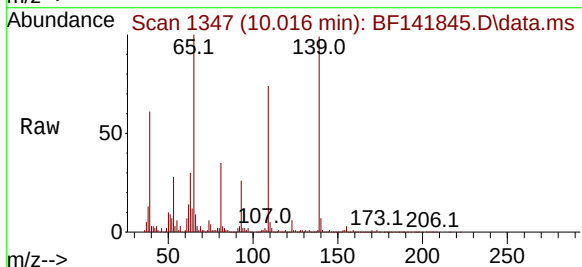
Tgt Ion:139 Resp: 414529

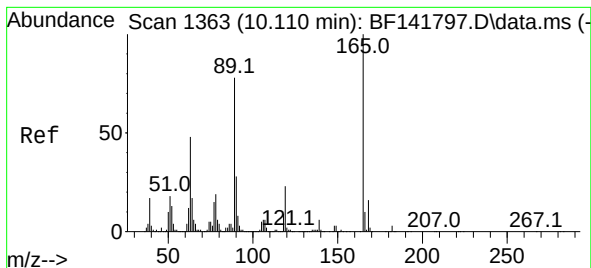
Ion Ratio Lower Upper

139 100

109 75.1 53.4 93.4

65 101.2 82.1 122.1

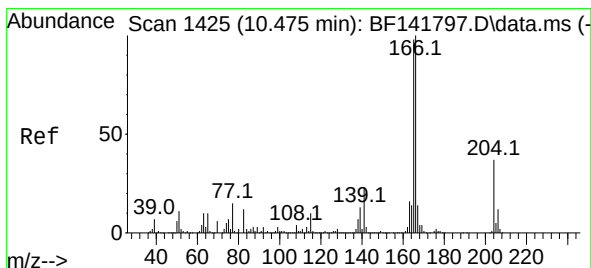
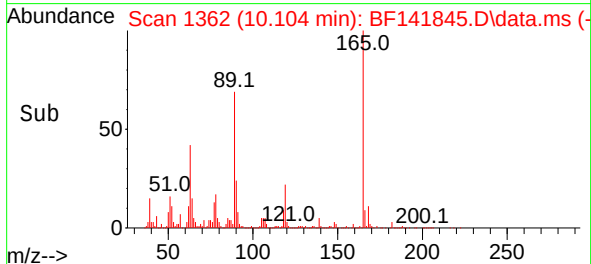
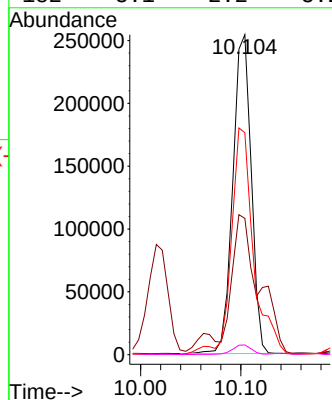
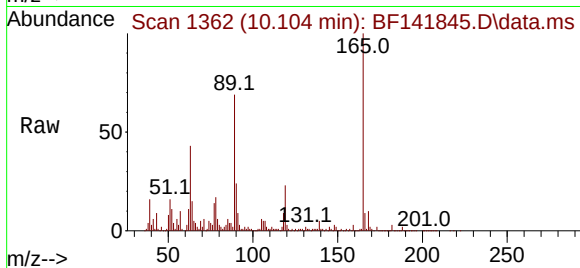




#57
2,4-Dinitrotoluene
Concen: 55.621 ng
RT: 10.104 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

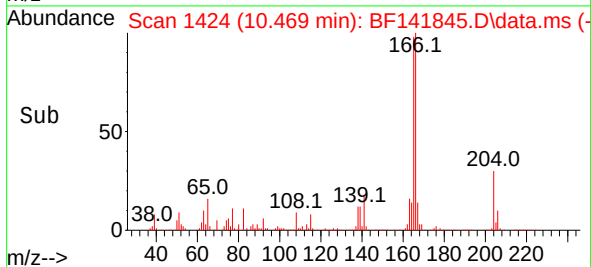
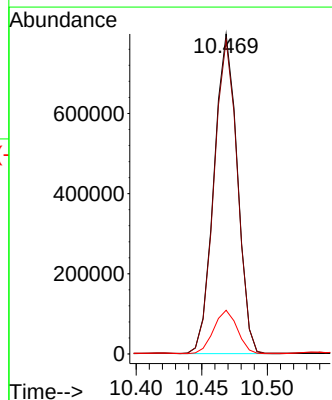
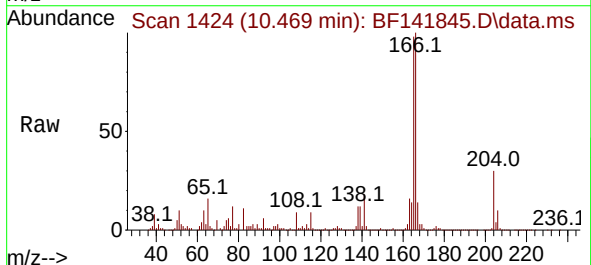
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

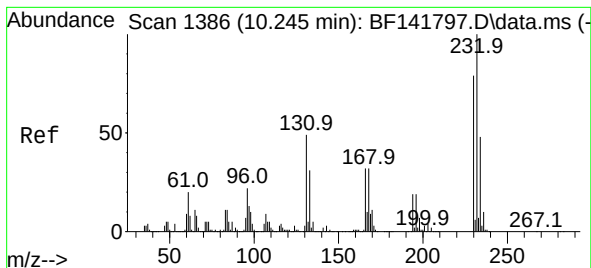
Tgt Ion:165 Resp: 323093
Ion Ratio Lower Upper
165 100
63 42.6 38.8 58.2
89 69.4 62.6 94.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 43.363 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

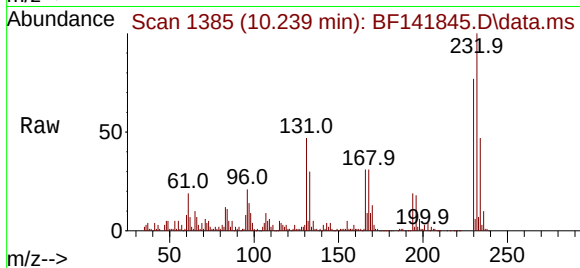
Tgt Ion:166 Resp: 986733
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 13.6 11.0 16.4



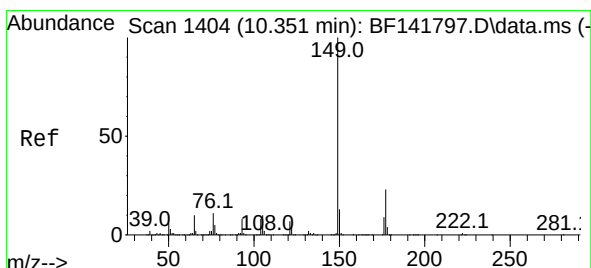
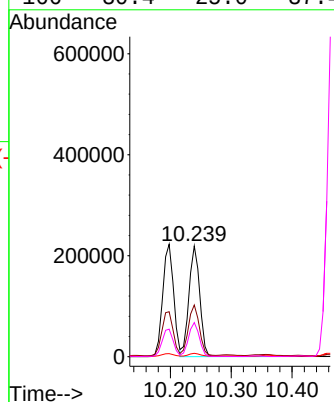
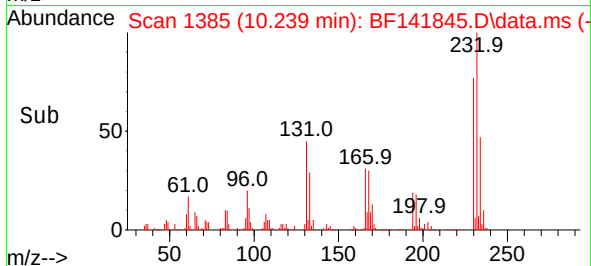


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.723 ng
RT: 10.239 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

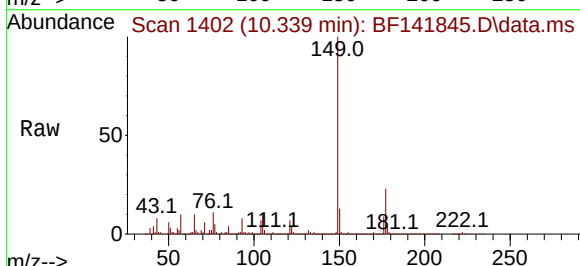
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD



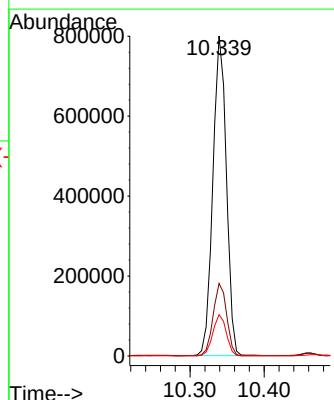
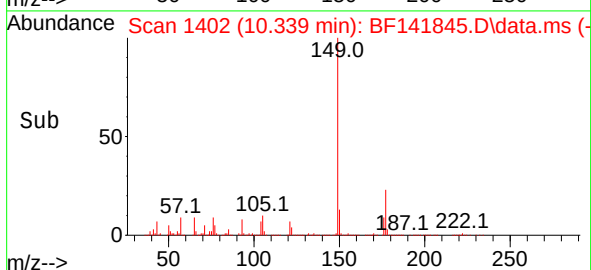
Tgt Ion:232 Resp: 269777
Ion Ratio Lower Upper
232 100
131 45.8 37.8 56.8
130 2.8 2.0 3.0
166 30.4 25.0 37.4

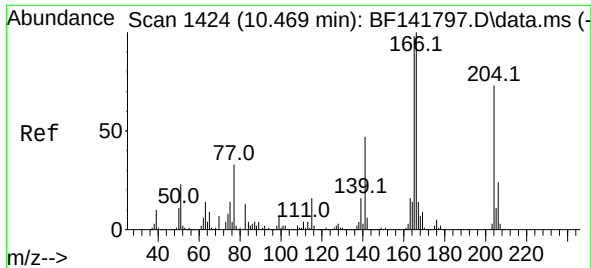


#60
Diethylphthalate
Concen: 40.990 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51



Tgt Ion:149 Resp: 1010574
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.9 10.3 15.5

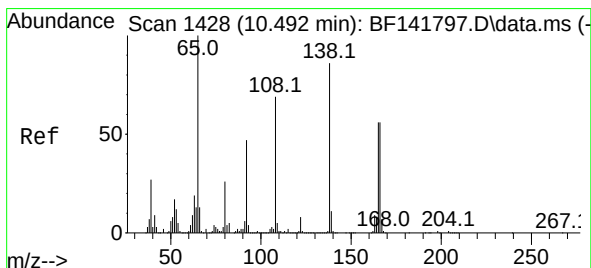
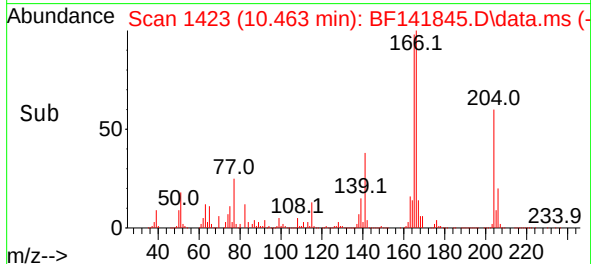
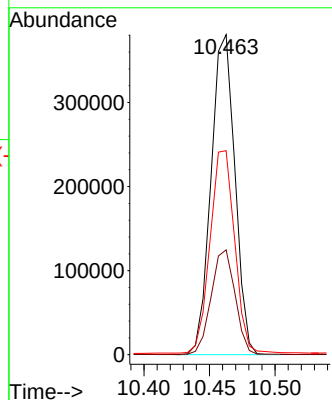
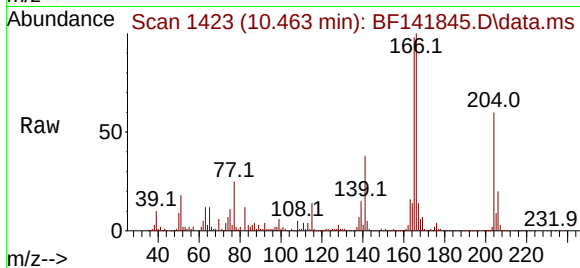




#61
4-Chlorophenyl-phenylether
Concen: 42.302 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

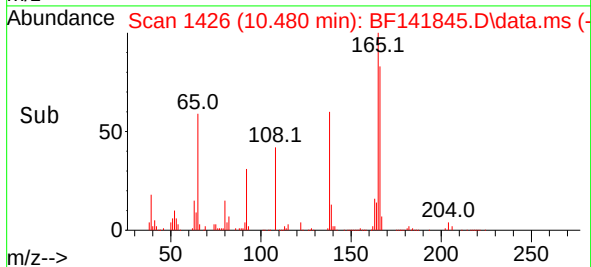
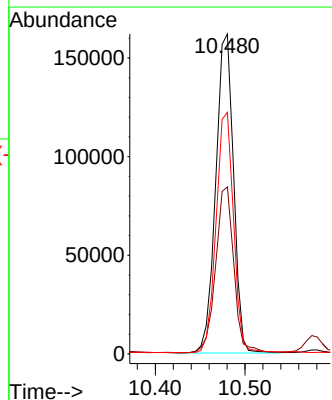
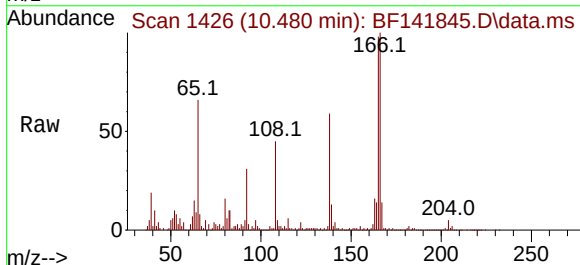
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

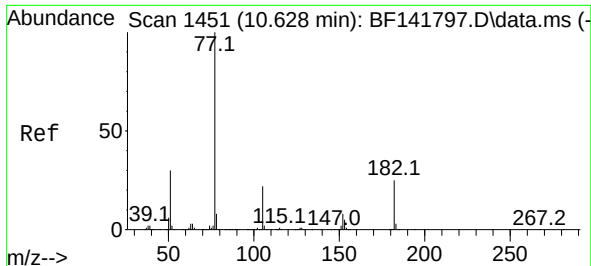
Tgt Ion:204 Resp: 482285
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 63.7 51.7 77.5



#62
4-Nitroaniline
Concen: 52.977 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:138 Resp: 222496
Ion Ratio Lower Upper
138 100
92 52.2 34.9 74.9
108 75.5 59.6 99.6

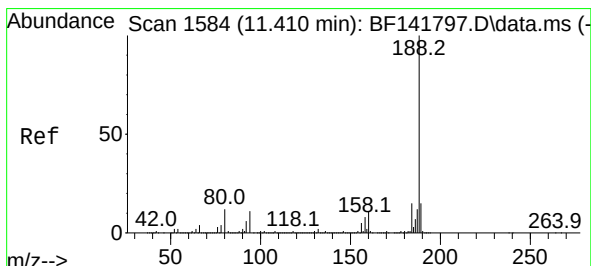
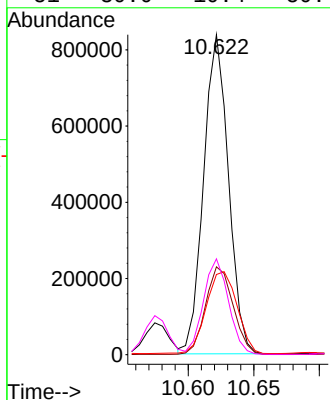
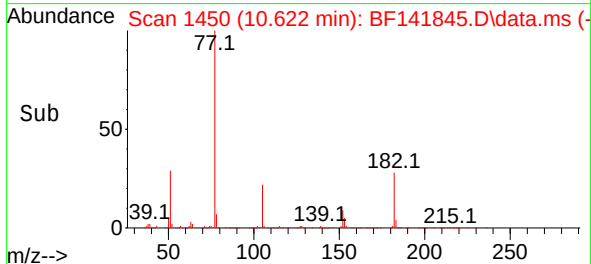
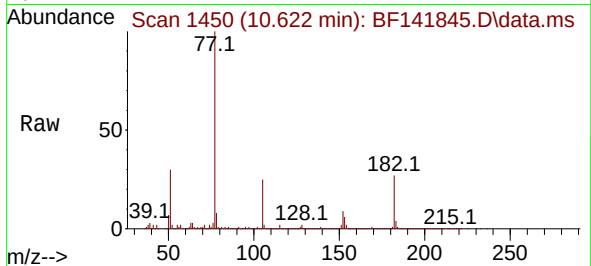




#63
Azobenzene
Concen: 42.529 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

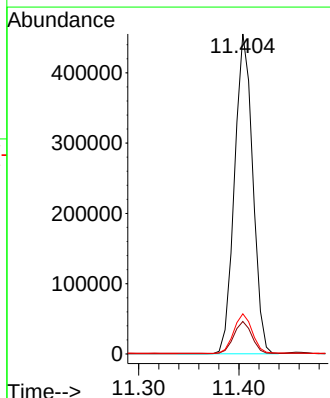
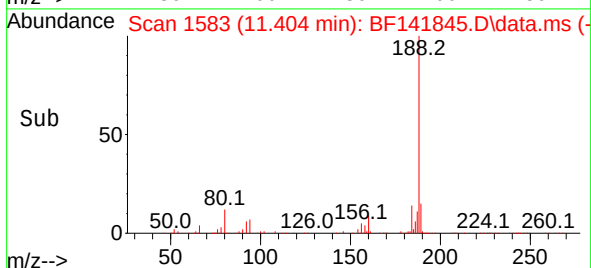
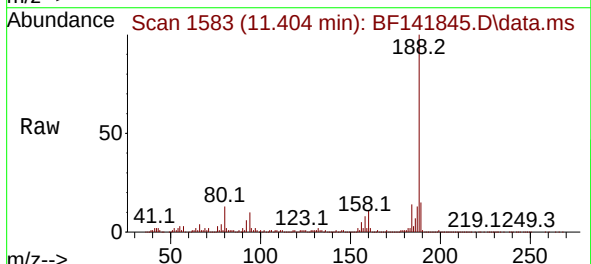
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

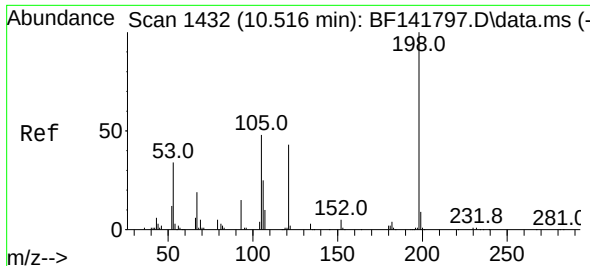
Tgt Ion: 77 Resp: 1103992
Ion Ratio Lower Upper
77 100
182 27.5 4.2 44.2
105 25.1 1.5 41.5
51 30.0 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:188 Resp: 575333
Ion Ratio Lower Upper
188 100
94 10.1 8.9 13.3
80 12.5 9.7 14.5

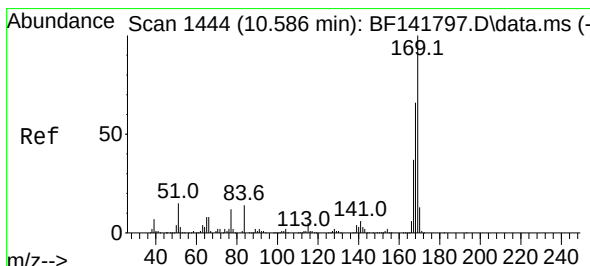
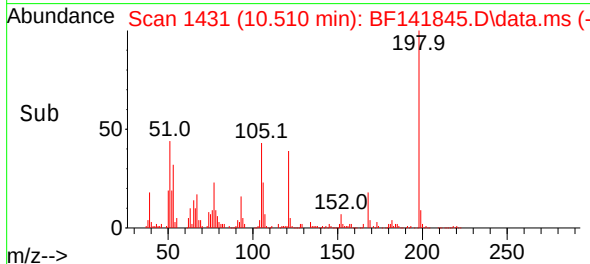
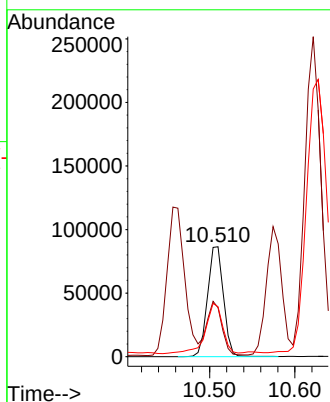
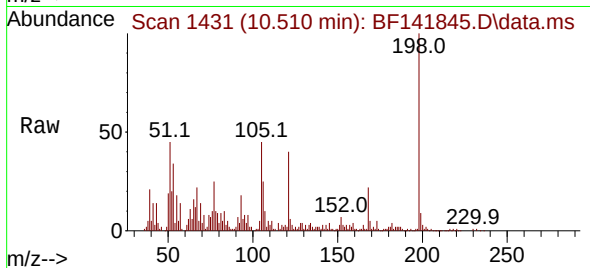




#65
4,6-Dinitro-2-methylphenol
Concen: 42.552 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

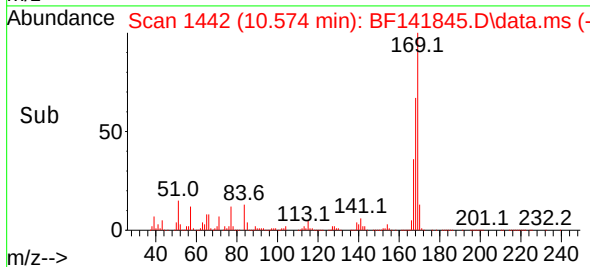
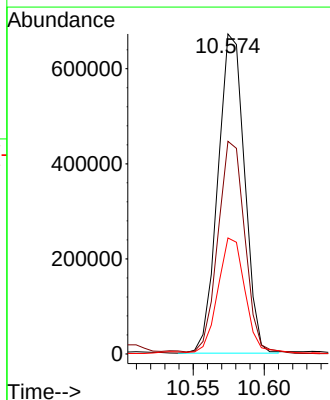
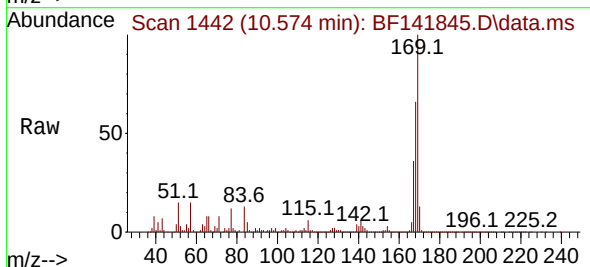
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

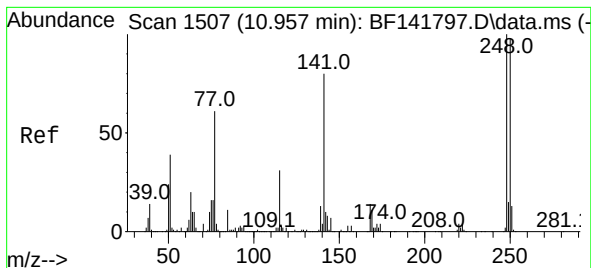
Tgt Ion:198 Resp: 112278
Ion Ratio Lower Upper
198 100
51 44.5 32.1 72.1
105 45.4 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 46.279 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:169 Resp: 874306
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.3 29.3 43.9

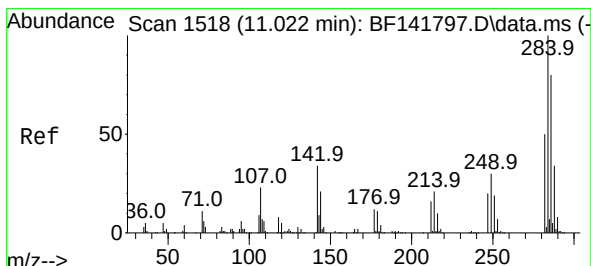
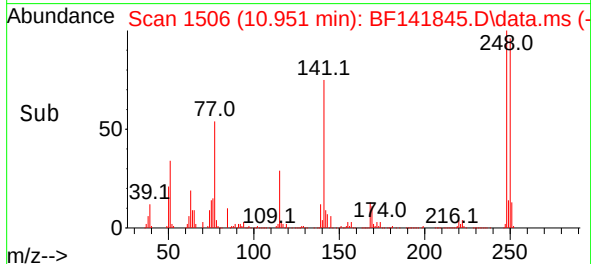
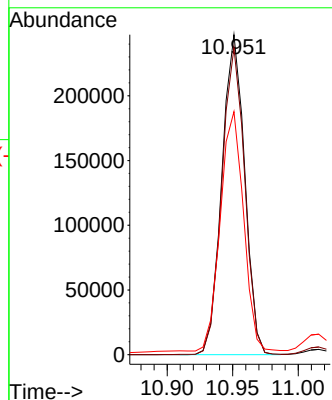
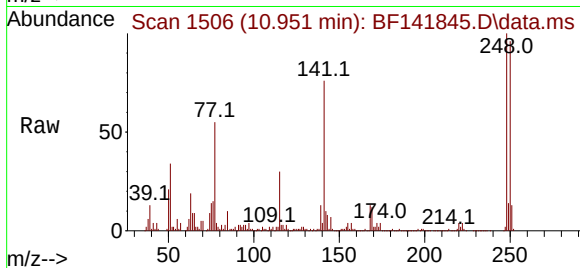




#67
4-Bromophenyl-phenylether
Concen: 44.548 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

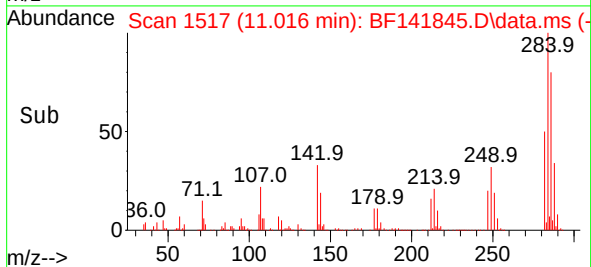
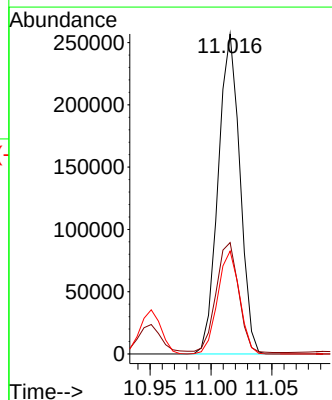
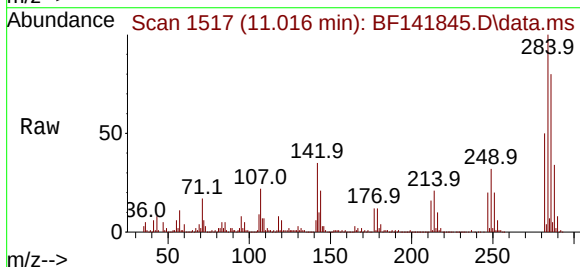
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

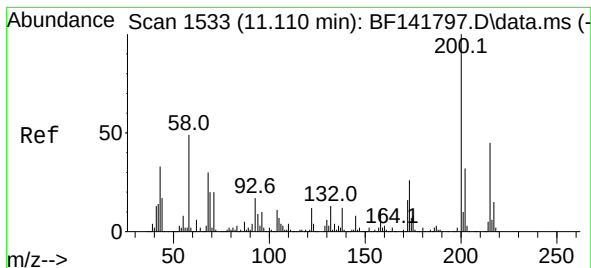
Tgt Ion:248 Resp: 299369
Ion Ratio Lower Upper
248 100
250 95.9 78.1 117.1
141 76.0 64.3 96.5



#68
Hexachlorobenzene
Concen: 44.897 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:284 Resp: 318600
Ion Ratio Lower Upper
284 100
142 34.8 28.2 42.2
249 32.1 25.5 38.3





#69

Atrazine

Concen: 63.055 ng

RT: 11.104 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

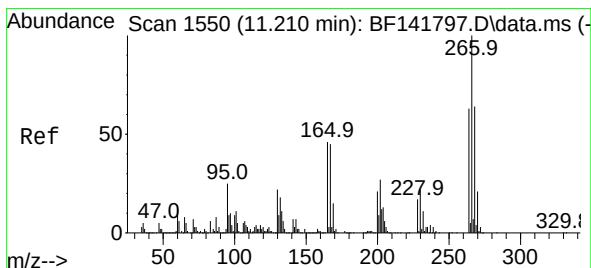
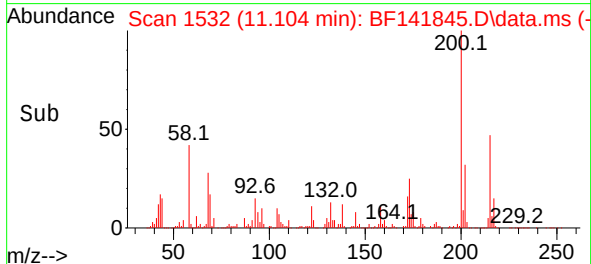
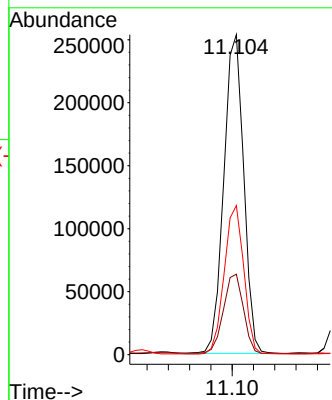
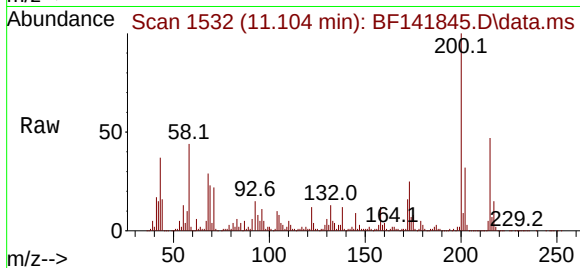
Tgt Ion:200 Resp: 327584

Ion Ratio Lower Upper

200 100

173 25.1 5.6 45.6

215 46.6 25.3 65.3



#70

Pentachlorophenol

Concen: 84.186 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

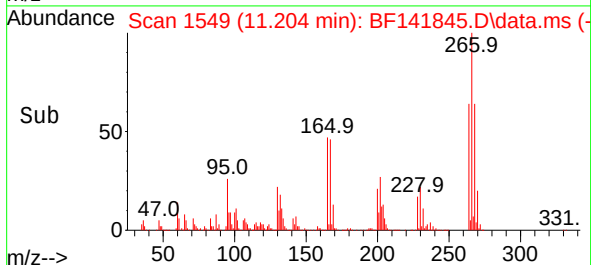
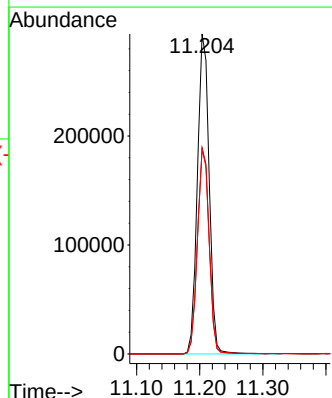
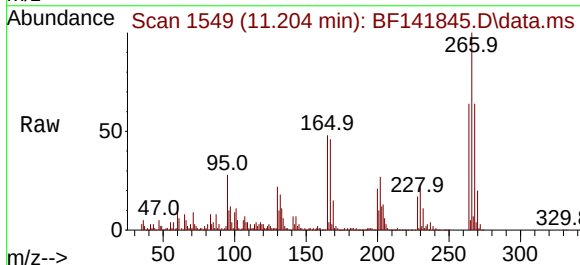
Tgt Ion:266 Resp: 378895

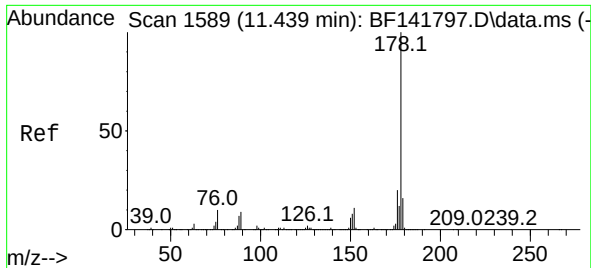
Ion Ratio Lower Upper

266 100

268 64.4 50.9 76.3

264 64.0 50.2 75.4

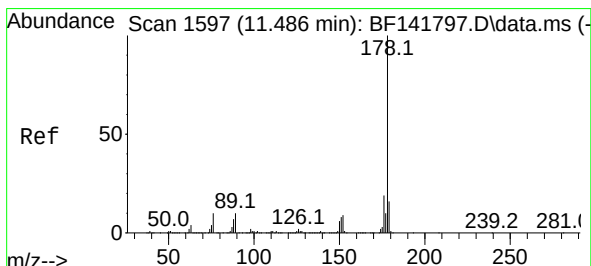
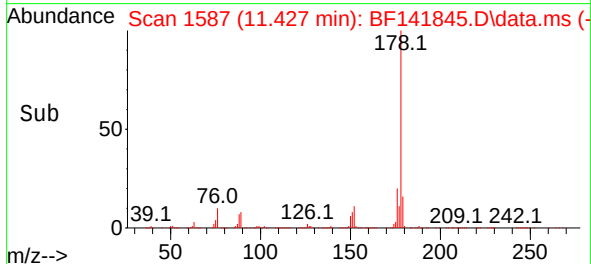
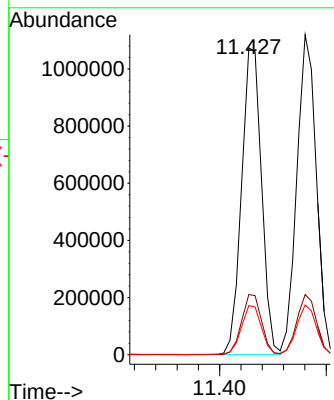
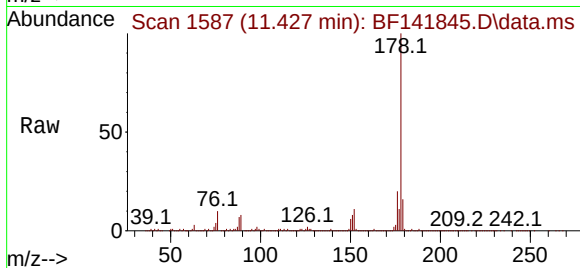




#71
Phenanthrene
Concen: 45.538 ng
RT: 11.427 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

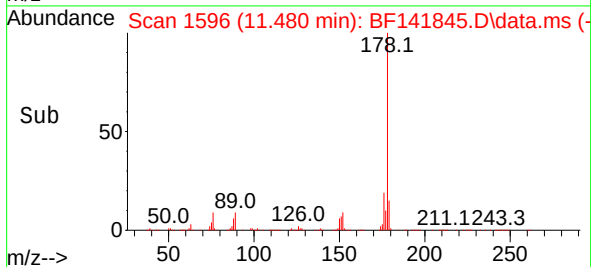
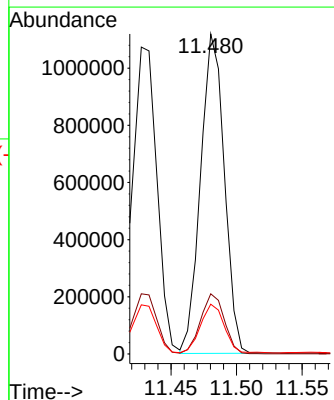
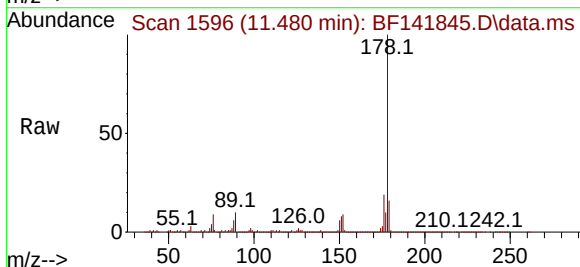
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

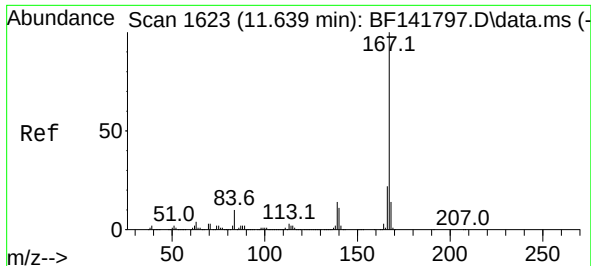
Tgt Ion:178 Resp: 1401406
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.0 12.6 19.0



#72
Anthracene
Concen: 45.722 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:178 Resp: 1410204
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.8 19.2

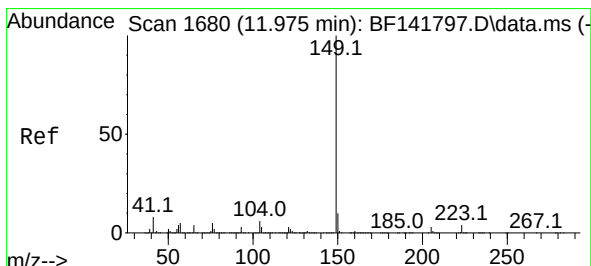
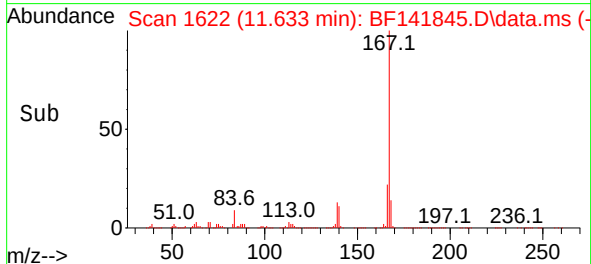
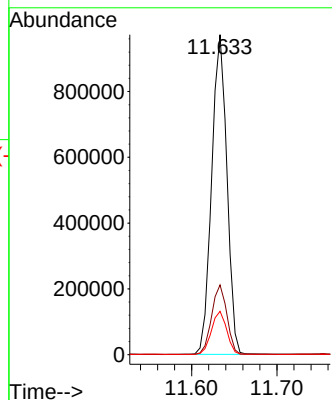
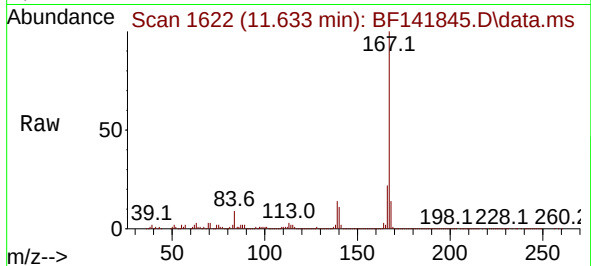




#73
 Carbazole
 Concen: 44.327 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141845.D
 Acq: 05 Mar 2025 15:51

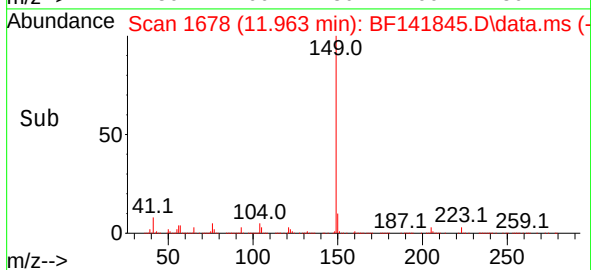
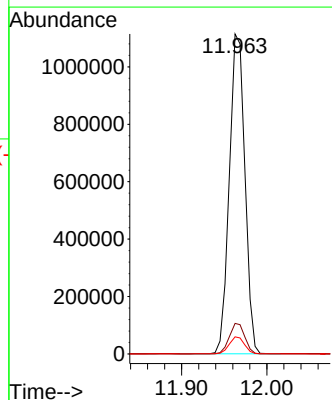
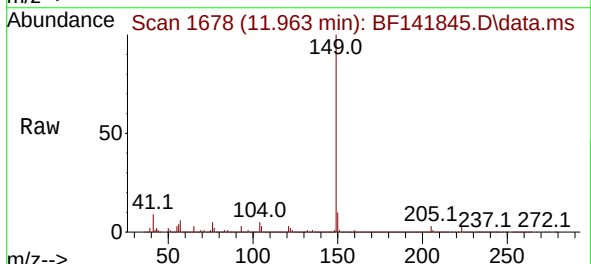
Instrument :
 BNA_F
 ClientSampleId :
 DN-B-42MSD

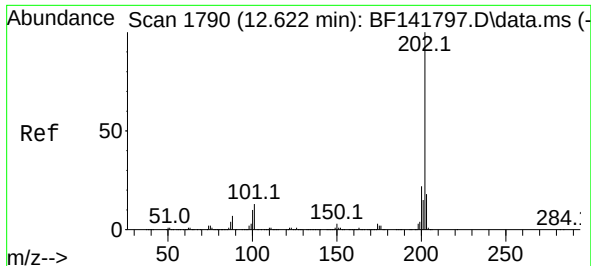
Tgt Ion:167 Resp: 1207332
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.5 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 40.999 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. -0.012 min
 Lab File: BF141845.D
 Acq: 05 Mar 2025 15:51

Tgt Ion:149 Resp: 1415465
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.4 6.6

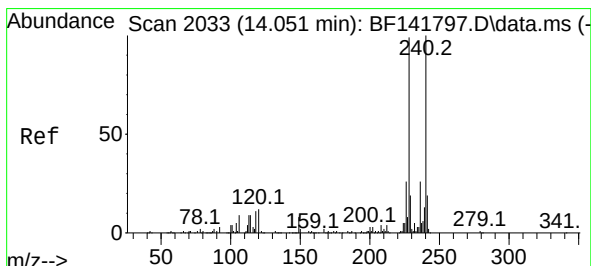
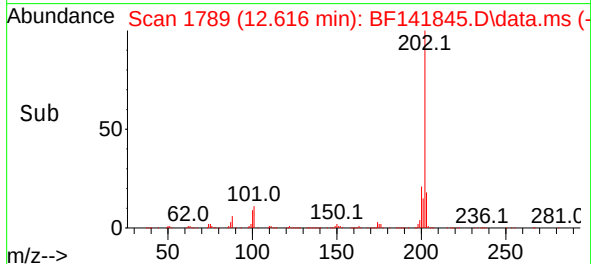
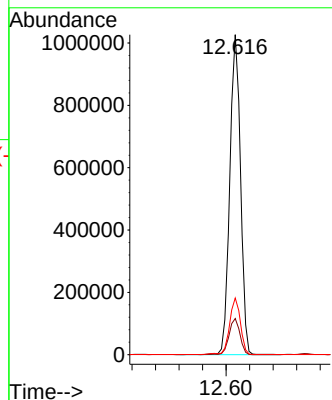
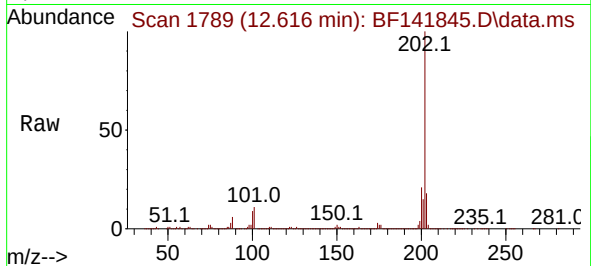




#75
Fluoranthene
Concen: 41.129 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

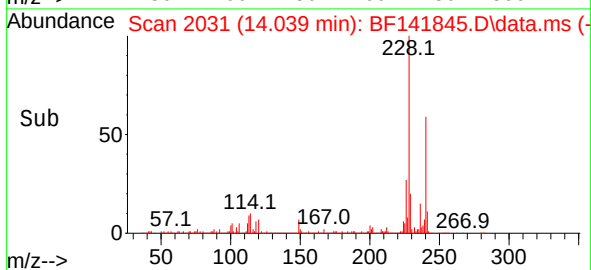
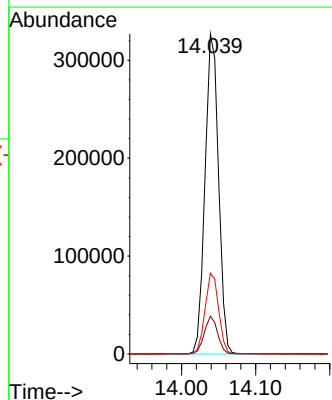
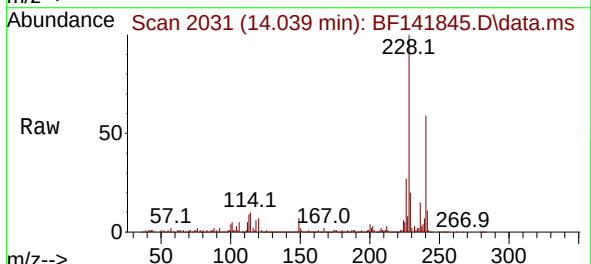
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

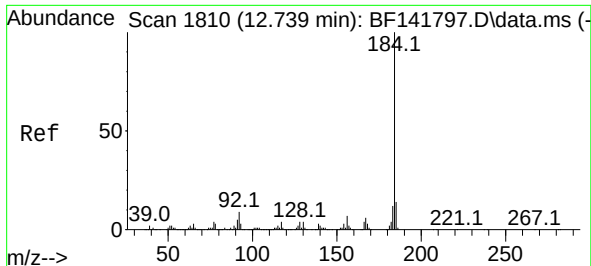
Tgt Ion:202 Resp: 1296948
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.8
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:240 Resp: 414755
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.3 21.0 31.4

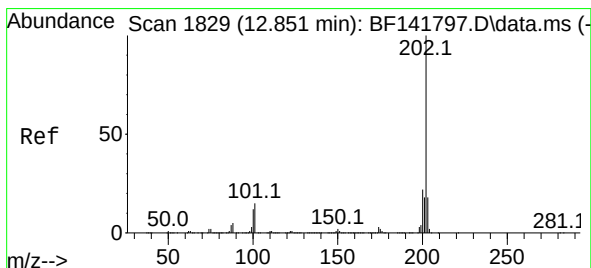
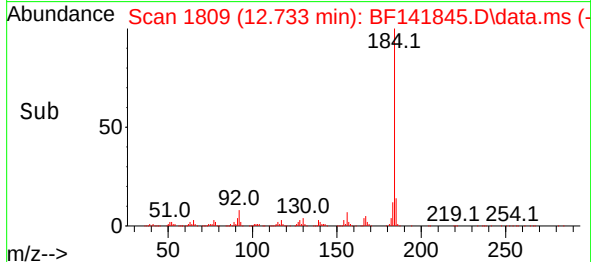
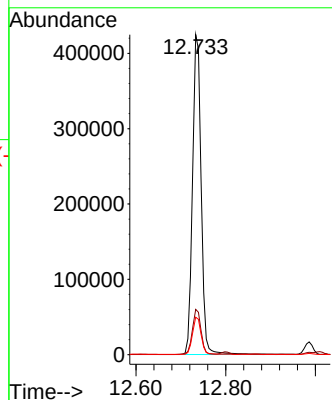
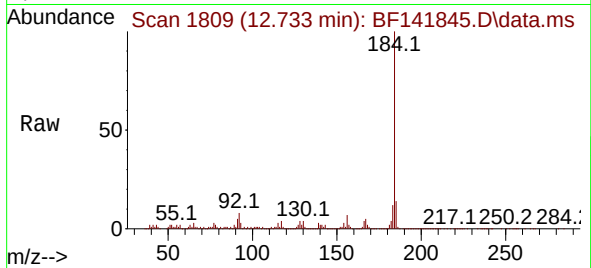




#77
Benzidine
Concen: 108.795 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

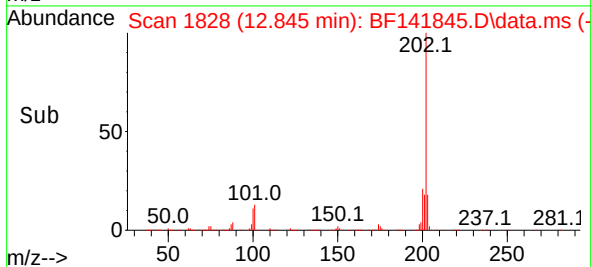
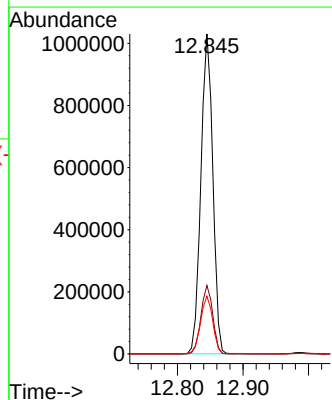
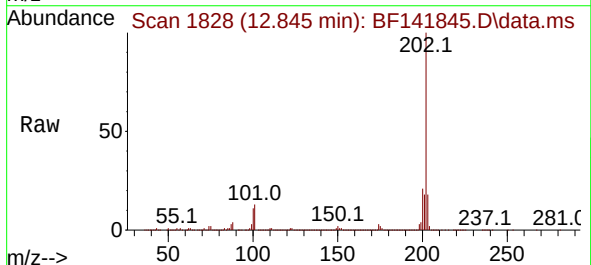
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

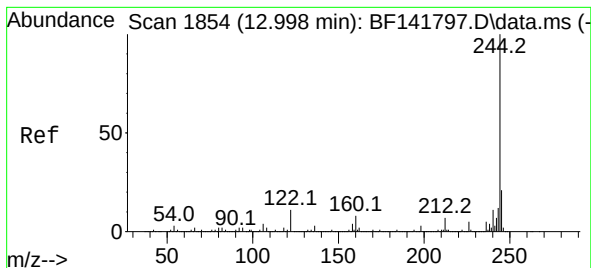
Tgt Ion:184 Resp: 567942
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.7 9.4 14.0



#78
Pyrene
Concen: 36.274 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:202 Resp: 1302790
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.0
203 18.1 14.6 22.0





#79

Terphenyl-d14

Concen: 56.946 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

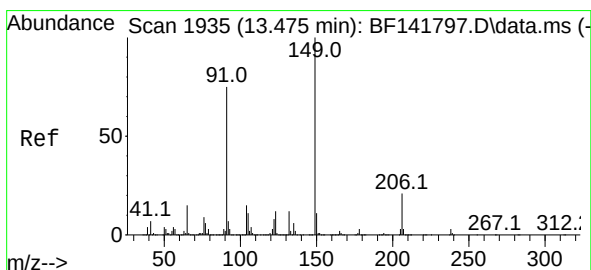
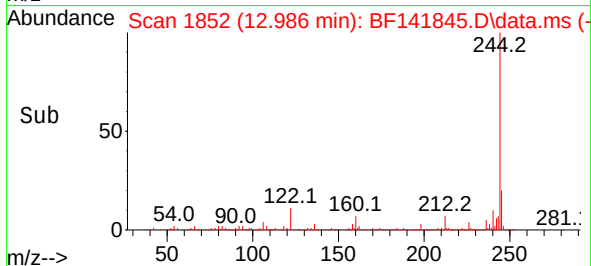
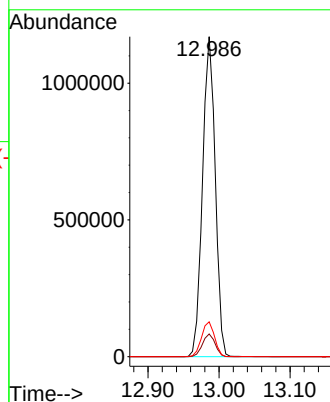
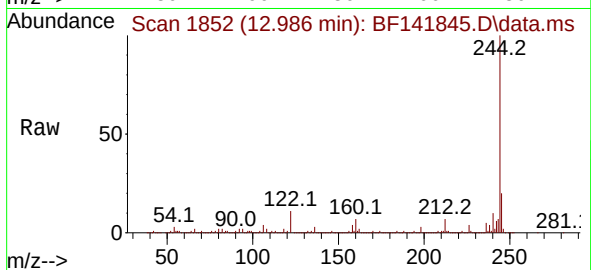
Tgt Ion:244 Resp: 1459806

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.9 9.0 13.6



#80

Butylbenzylphthalate

Concen: 37.820 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

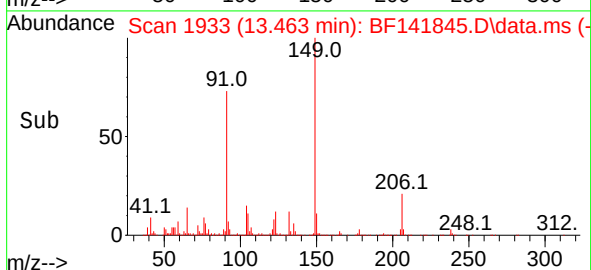
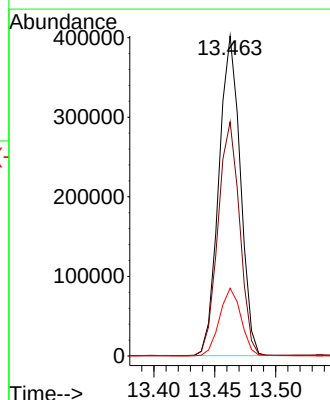
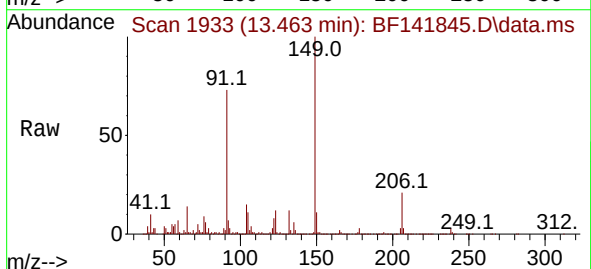
Tgt Ion:149 Resp: 493506

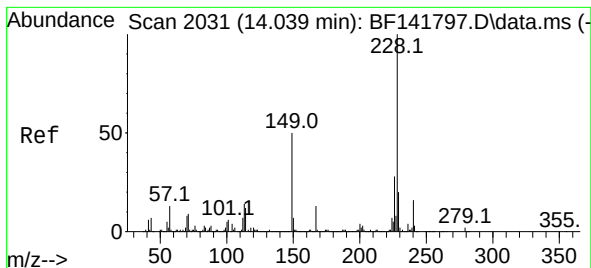
Ion Ratio Lower Upper

149 100

91 73.1 60.1 90.1

206 21.1 16.8 25.2





#81

Benzo(a)anthracene

Concen: 45.518 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

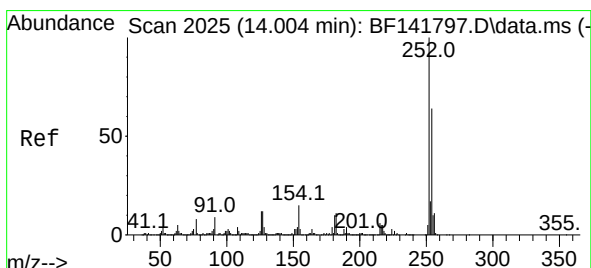
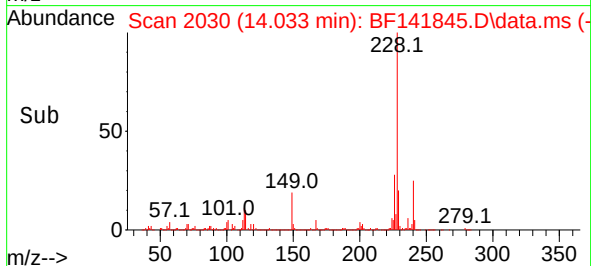
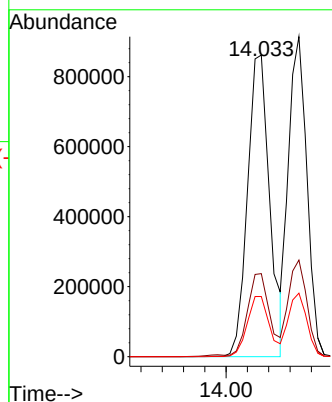
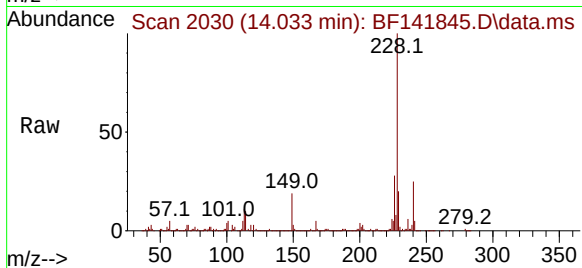
Tgt Ion:228 Resp: 1246967

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 48.093 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

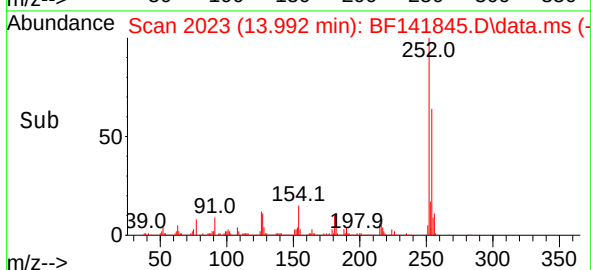
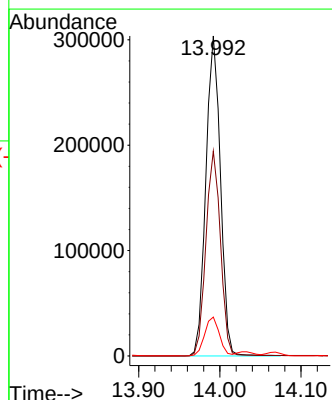
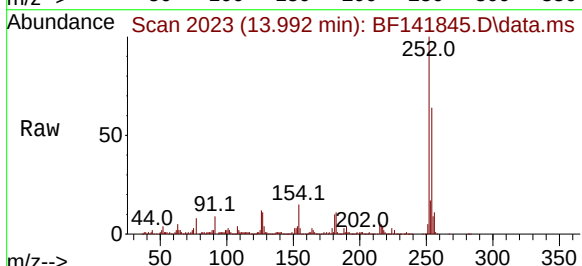
Tgt Ion:252 Resp: 378006

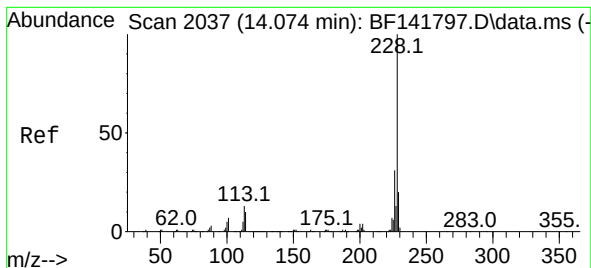
Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.0

126 12.1 9.8 14.6





#83

Chrysene

Concen: 43.694 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

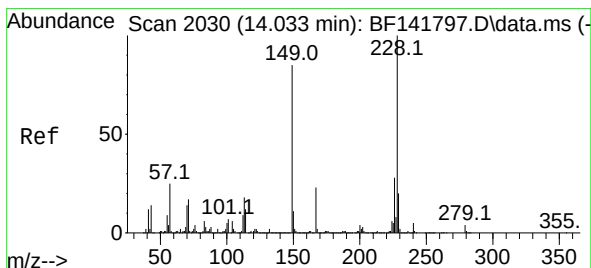
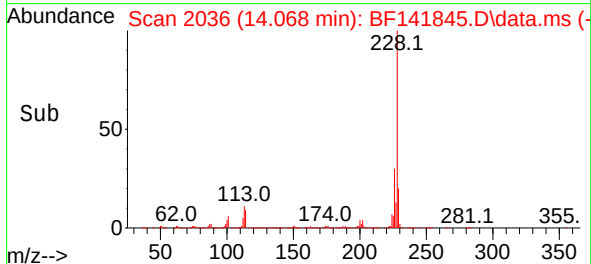
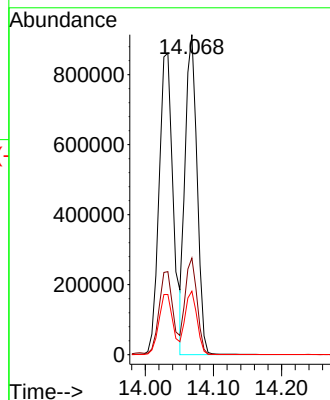
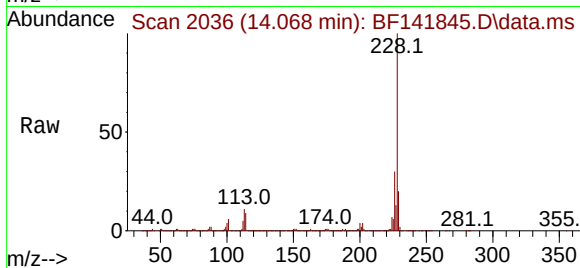
Tgt Ion:228 Resp: 1103430

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.698 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

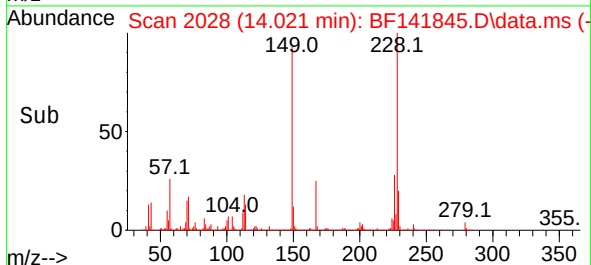
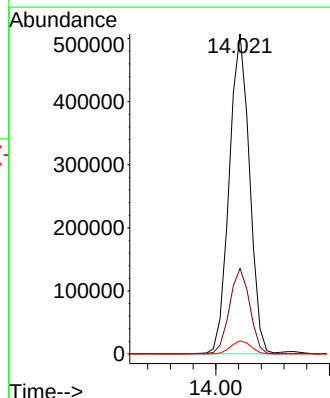
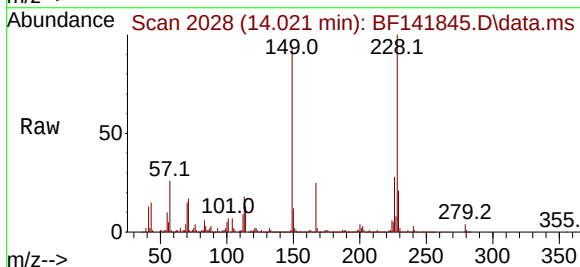
Tgt Ion:149 Resp: 628755

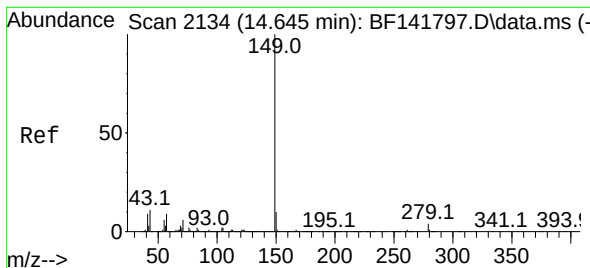
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.1 3.3 4.9

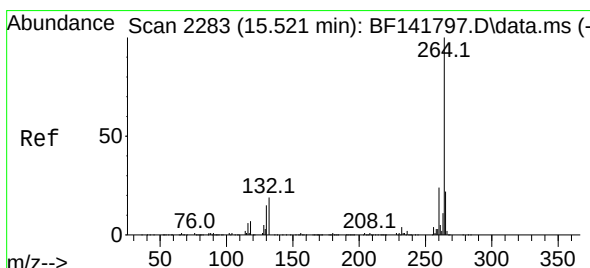
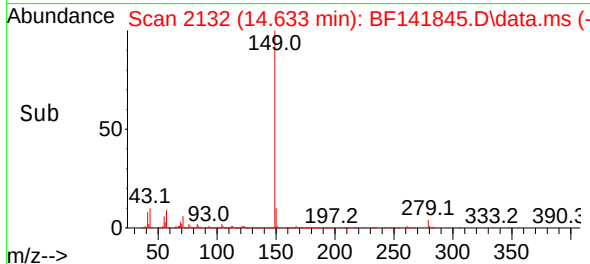
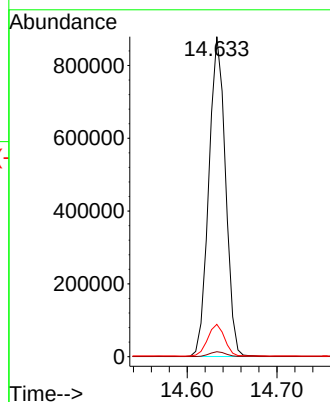
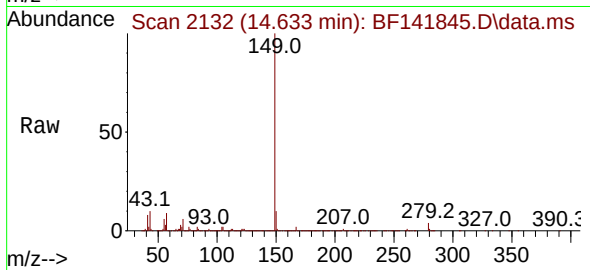




#85
Di-n-octyl phthalate
Concen: 46.687 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

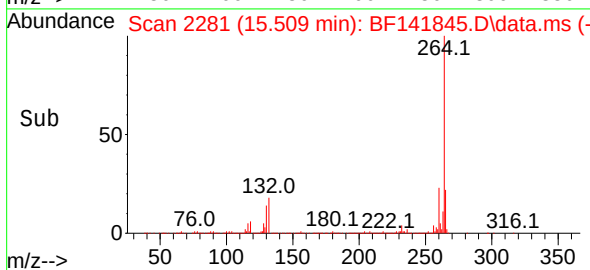
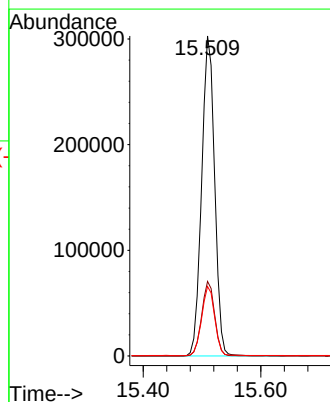
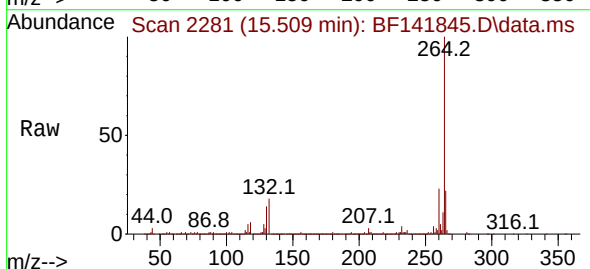
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

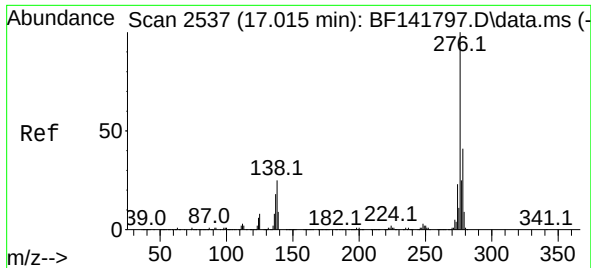
Tgt Ion:149 Resp: 1135656
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:264 Resp: 465047
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.7 17.4 26.0

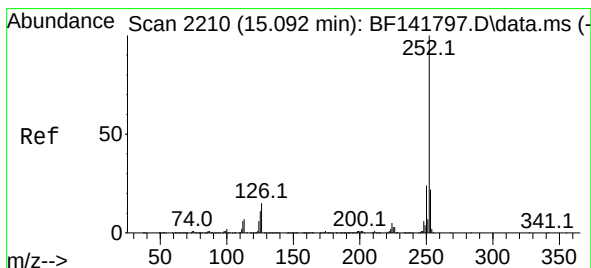
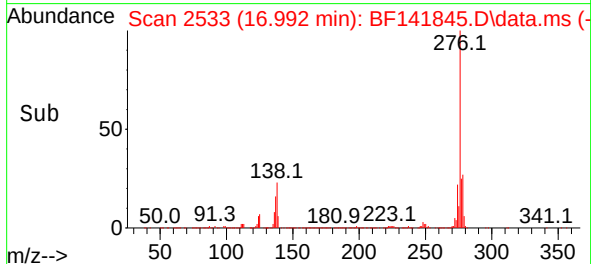
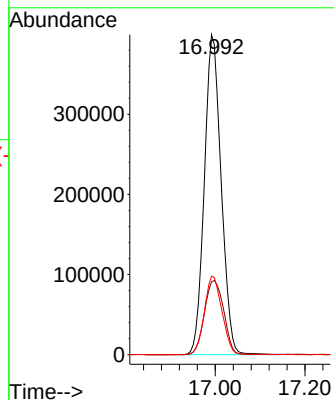
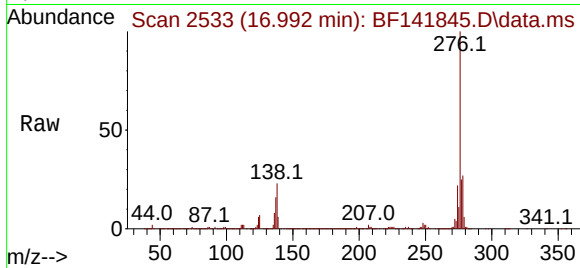




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.115 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

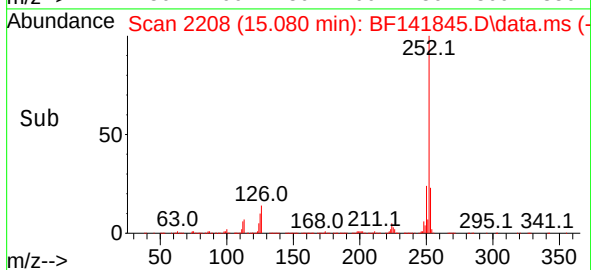
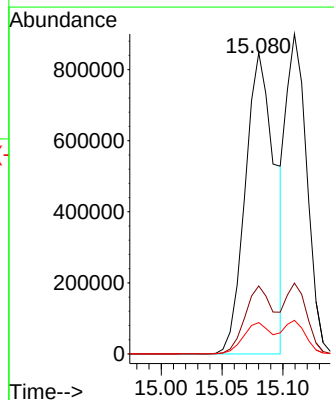
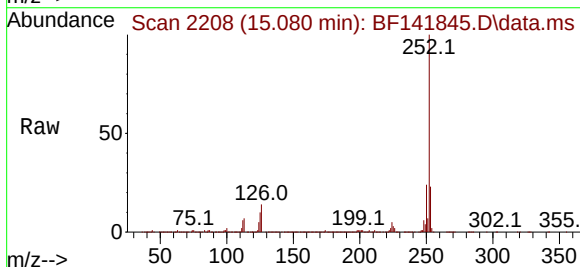
Instrument :
BNA_F
ClientSampleId :
DN-B-42MSD

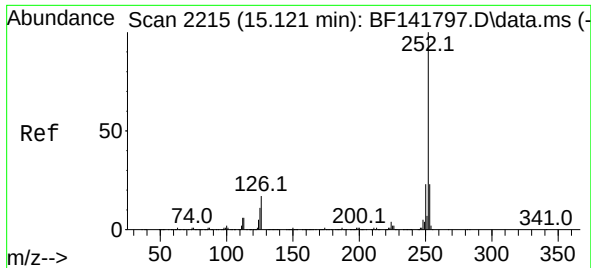
Tgt Ion:276 Resp: 1039862
Ion Ratio Lower Upper
276 100
138 26.6 22.5 33.7
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 45.239 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BF141845.D
Acq: 05 Mar 2025 15:51

Tgt Ion:252 Resp: 1433060
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 39.488 ng

RT: 15.109 min Scan# 2215

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

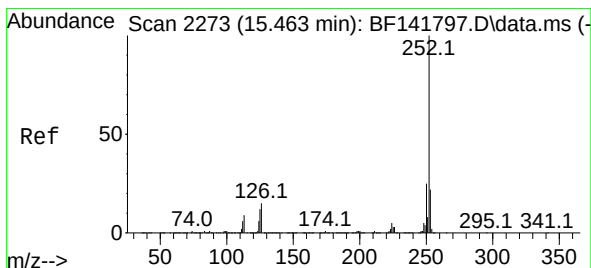
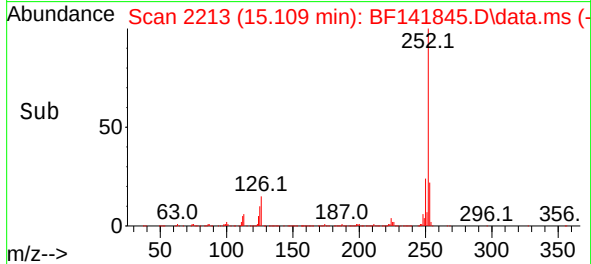
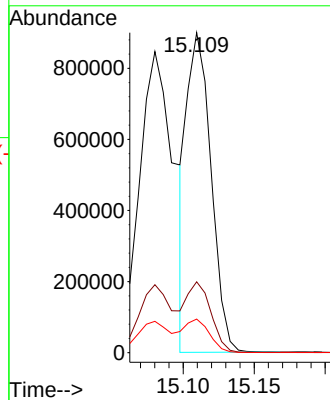
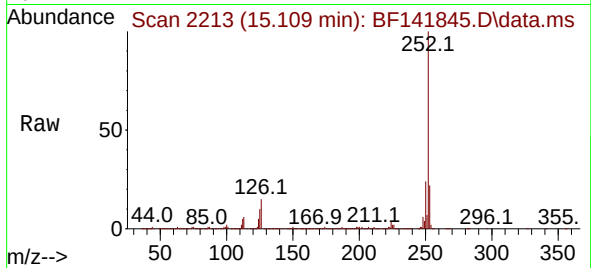
Tgt Ion:252 Resp: 1063202

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.5 8.8 13.2



#90

Benzo(a)pyrene

Concen: 46.684 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

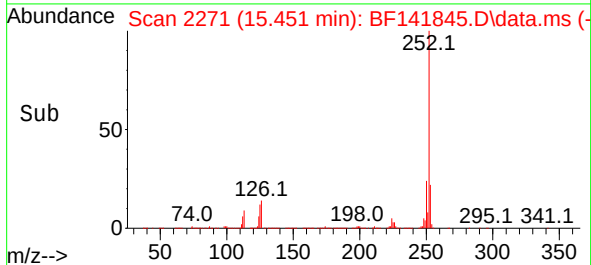
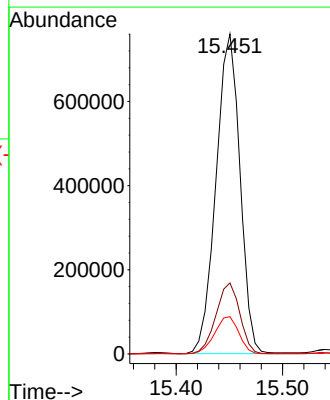
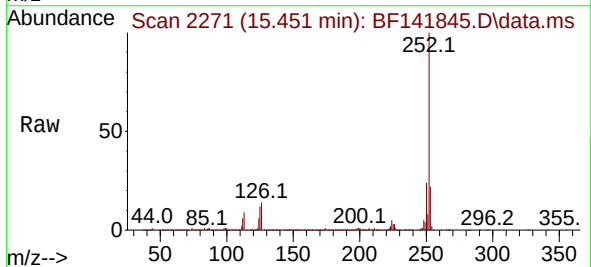
Tgt Ion:252 Resp: 1186012

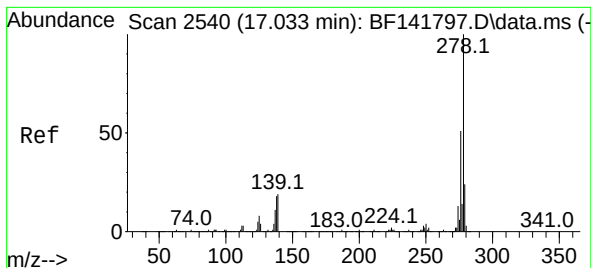
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 11.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 36.044 ng

RT: 17.015 min Scan# 2537

Delta R.T. -0.018 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Instrument :

BNA_F

ClientSampleId :

DN-B-42MSD

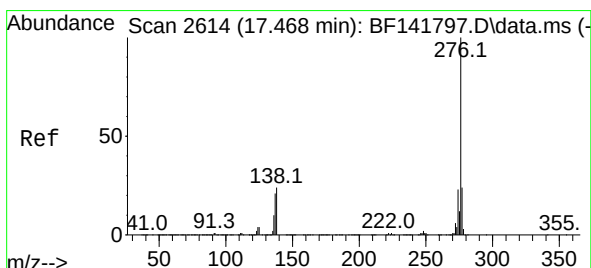
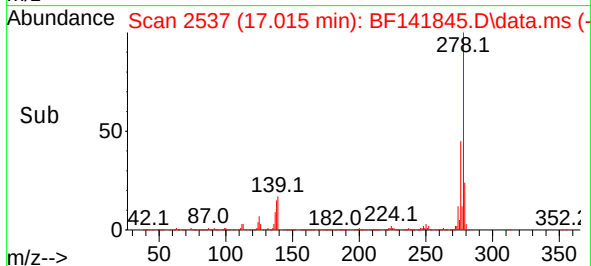
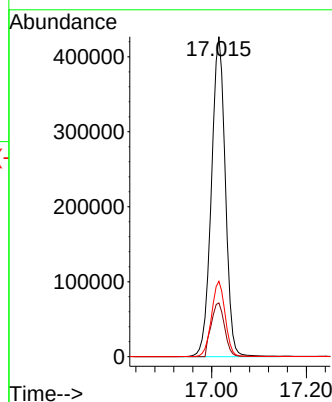
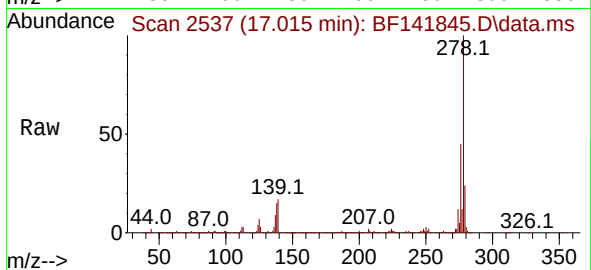
Tgt Ion:278 Resp: 871243

Ion Ratio Lower Upper

278 100

139 16.8 14.9 22.3

279 23.6 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 29.696 ng

RT: 17.445 min Scan# 2610

Delta R.T. -0.024 min

Lab File: BF141845.D

Acq: 05 Mar 2025 15:51

Tgt Ion:276 Resp: 735371

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 22.6 19.3 28.9

