

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141888.D
 Acq On : 07 Mar 2025 11:59
 Operator : RC/JU
 Sample : Q1478-13MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SO-COMP-022825MSD

Quant Time: Mar 07 12:17:26 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	145924	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	573463	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	303593	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	568957	20.000	ng	0.00
76) Chrysene-d12	14.039	240	412687	20.000	ng	-0.01
86) Perylene-d12	15.509	264	369642	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1188951	130.118	ng	0.02
7) Phenol-d6	6.510	99	1514108	127.309	ng	0.00
23) Nitrobenzene-d5	7.445	82	1018675	113.545	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	583302	204.654	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1965727	103.821	ng	0.00
79) Terphenyl-d14	12.986	244	2284451	89.561	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.822	88	145332	35.053	ng	# 80
3) Pyridine	3.546	79	239986	23.264	ng	95
4) n-Nitrosodimethylamine	3.475	42	171369	34.525	ng	# 98
6) Aniline	6.551	93	153452	12.411	ng	100
8) 2-Chlorophenol	6.669	128	417987	42.287	ng	95
9) Benzaldehyde	6.439	77	91235	13.188	ng	98
10) Phenol	6.522	94	490881	38.625	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	363281	37.500	ng	95
12) 1,3-Dichlorobenzene	6.828	146	355371	33.571	ng	99
13) 1,4-Dichlorobenzene	6.904	146	362700	34.005	ng	99
14) 1,2-Dichlorobenzene	7.051	146	356447	35.789	ng	99
15) Benzyl Alcohol	7.022	79	379624	39.939	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	435876	29.627	ng	94
17) 2-Methylphenol	7.128	107	348794	42.750	ng	98
18) Hexachloroethane	7.398	117	131194	32.863	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	292851	37.458	ng	97
20) 3+4-Methylphenols	7.281	107	454538	44.740	ng	92
22) Acetophenone	7.292	105	633919	45.388	ng	97
24) Nitrobenzene	7.463	77	430420	44.802	ng	98
25) Isophorone	7.704	82	810074	42.029	ng	98
26) 2-Nitrophenol	7.781	139	219989	50.950	ng	97
27) 2,4-Dimethylphenol	7.810	122	376107	53.085	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	477100	38.804	ng	98
29) 2,4-Dichlorophenol	8.016	162	371450	45.445	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	352226	39.327	ng	98
31) Naphthalene	8.186	128	1167646	39.617	ng	99
32) Benzoic acid	7.910	122	281362	47.647	ng	97
33) 4-Chloroaniline	8.233	127	44524	4.120	ng	98
34) Hexachlorobutadiene	8.304	225	217994	39.168	ng	99
35) Caprolactam	8.592	113	71650	28.495	ng	# 83
36) 4-Chloro-3-methylphenol	8.710	107	419747	46.229	ng	98
37) 2-Methylnaphthalene	8.875	142	779155	40.304	ng	100
38) 1-Methylnaphthalene	8.975	142	771642	41.599	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	434072	49.506	ng	99
41) Hexachlorocyclopentadiene	9.028	237	523947	143.187	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	289710	51.151	ng	98

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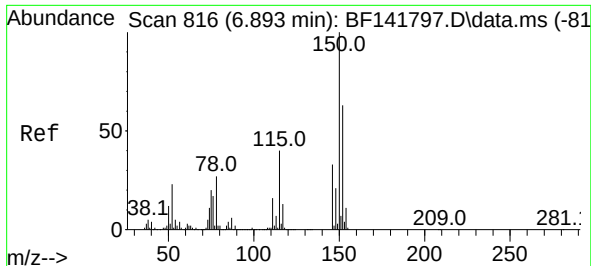
Quant Time: Mar 07 12:17:26 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	304140	54.229	ng	98
46) 1,1'-Biphenyl	9.339	154	1166006	50.458	ng	98
47) 2-Chloronaphthalene	9.363	162	793175	46.505	ng	100
48) 2-Nitroaniline	9.457	65	253809	53.790	ng	96
49) Acenaphthylene	9.780	152	1260858	49.307	ng	100
50) Dimethylphthalate	9.639	163	1002628	49.315	ng	100
51) 2,6-Dinitrotoluene	9.698	165	218602	55.722	ng	95
52) Acenaphthene	9.951	154	918161	53.212	ng	99
53) 3-Nitroaniline	9.863	138	47916	13.818	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	246319	118.427	ng	# 1
55) Dibenzofuran	10.127	168	1111678	44.265	ng	99
56) 4-Nitrophenol	10.022	139	346309	115.329	ng	96
57) 2,4-Dinitrotoluene	10.104	165	289053	59.902	ng	93
58) Fluorene	10.469	166	923723	49.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	259346	53.169	ng	99
60) Diethylphthalate	10.339	149	978673	48.017	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	463931	49.222	ng	99
62) 4-Nitroaniline	10.480	138	200872	57.854	ng	96
63) Azobenzene	10.622	77	909432	42.378	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	166889	59.870	ng	89
66) n-Nitrosodiphenylamine	10.574	169	791239	42.352	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	296123	44.559	ng	97
68) Hexachlorobenzene	11.016	284	338633	48.255	ng	96
69) Atrazine	11.104	200	298445	58.090	ng	99
70) Pentachlorophenol	11.204	266	445248	100.037	ng	99
71) Phenanthrene	11.427	178	1414386	46.475	ng	99
72) Anthracene	11.480	178	1441729	47.268	ng	100
73) Carbazole	11.633	167	1257282	46.679	ng	100
74) Di-n-butylphthalate	11.963	149	1488257	43.590	ng	99
75) Fluoranthene	12.616	202	1454377	46.638	ng	97
77) Benzidine	12.739	184	80335	15.466	ng	# 79
78) Pyrene	12.845	202	1530210	42.820	ng	99
80) Butylbenzylphthalate	13.463	149	605284	46.619	ng	96
81) Benzo(a)anthracene	14.027	228	1277832	46.878	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	162331	20.757	ng	99
83) Chrysene	14.068	228	1120992	44.612	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	752209	46.528	ng	99
85) Di-n-octyl phthalate	14.633	149	1043087	43.097	ng	96
87) Indeno(1,2,3-cd)pyrene	17.003	276	1232228	52.351	ng	95
88) Benzo(b)fluoranthene	15.080	252	951233	37.779	ng	99
89) Benzo(k)fluoranthene	15.109	252	980242	45.803	ng	98
90) Benzo(a)pyrene	15.451	252	960500	47.566	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	993711	51.721	ng	# 96
92) Benzo(g,h,i)perylene	17.451	276	967540	49.156	ng	96

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

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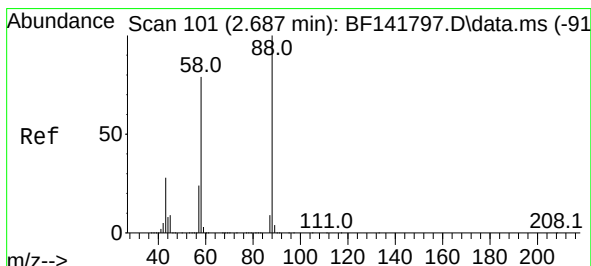
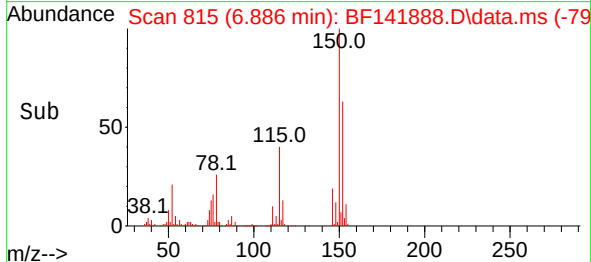
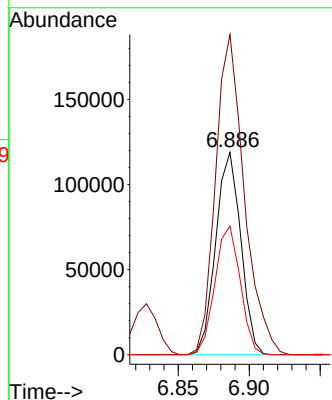
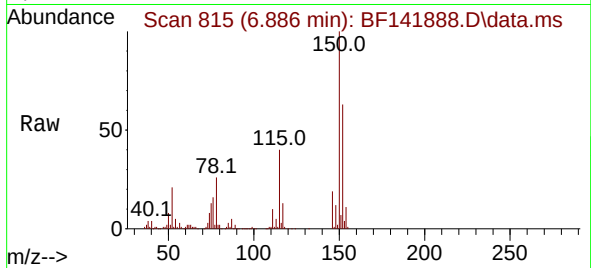




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.007 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

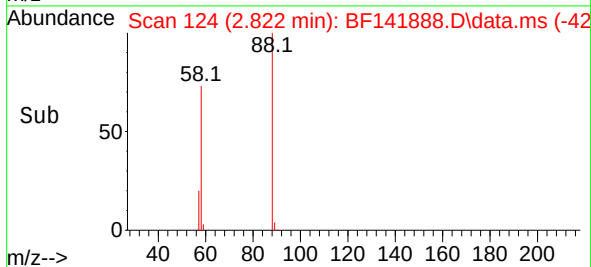
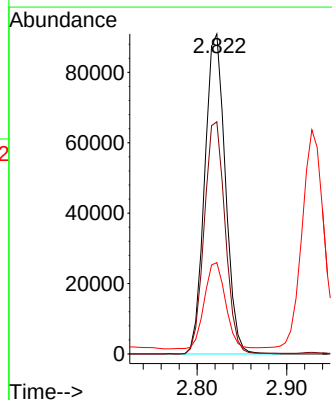
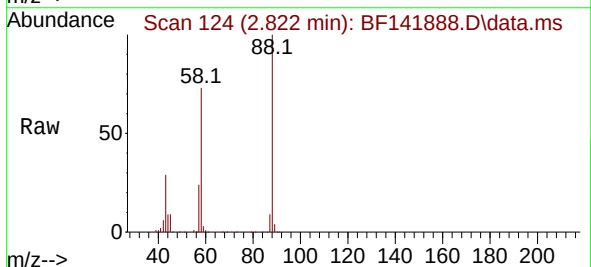
Instrument :
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IDW-SO-COMP-022825MSD

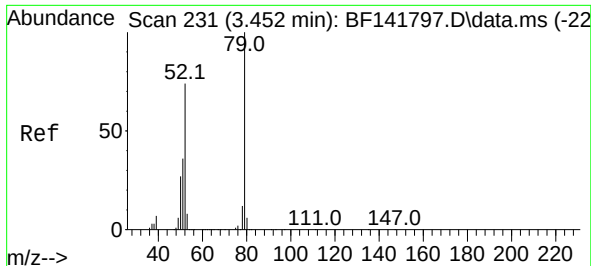
Tgt Ion:152 Resp: 145924
Ion Ratio Lower Upper
152 100
150 158.1 127.5 191.3
115 63.6 51.4 77.2



#2
1,4-Dioxane
Concen: 35.053 ng
RT: 2.822 min Scan# 124
Delta R.T. 0.135 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion: 88 Resp: 145332
Ion Ratio Lower Upper
88 100
58 73.7 63.9 95.9
43 0.0 23.0 34.6#





#3

Pyridine

Concen: 23.264 ng

RT: 3.546 min Scan# 247

Delta R.T. 0.089 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

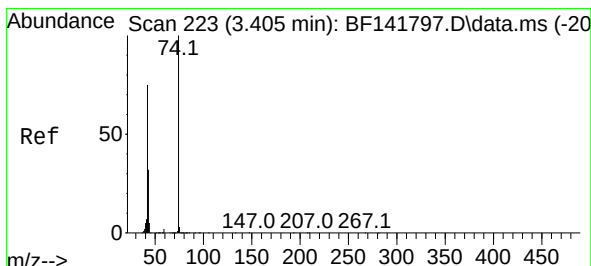
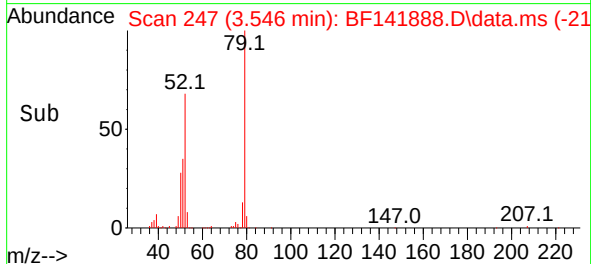
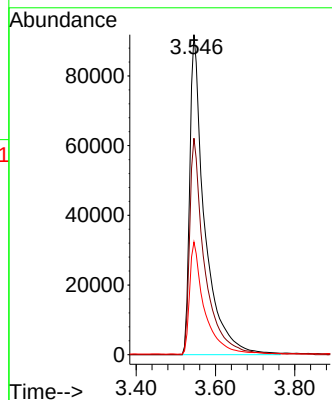
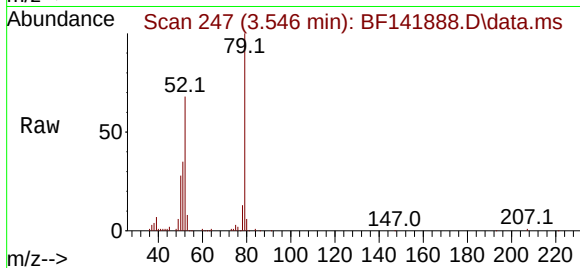
Tgt Ion: 79 Resp: 239986

Ion Ratio Lower Upper

79 100

52 67.6 59.0 88.4

51 35.2 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 34.525 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.070 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

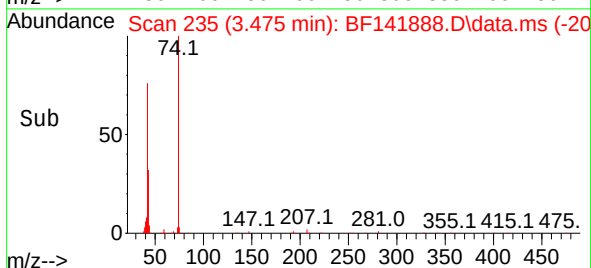
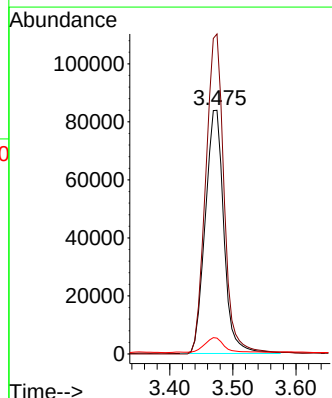
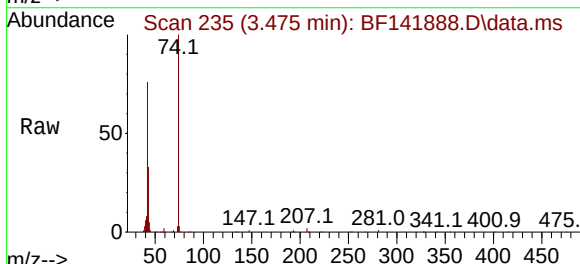
Tgt Ion: 42 Resp: 171369

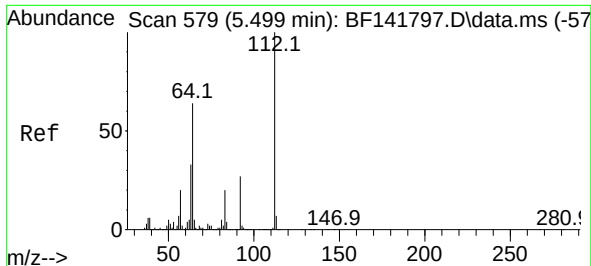
Ion Ratio Lower Upper

42 100

74 131.4 107.1 160.7

44 6.5 6.6 9.8#

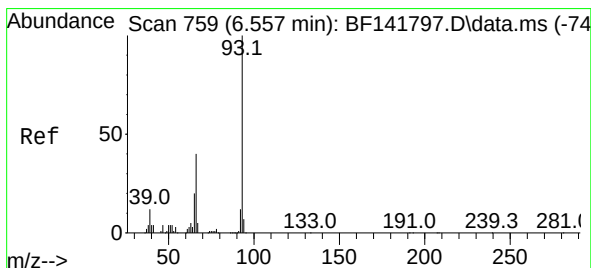
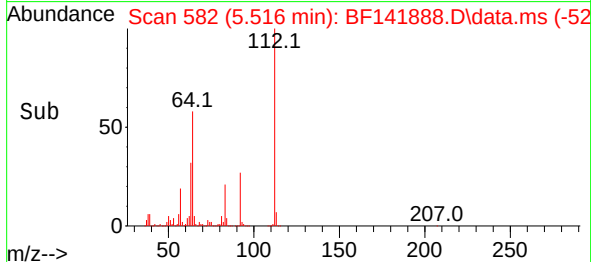
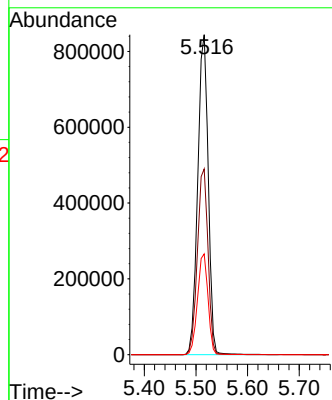
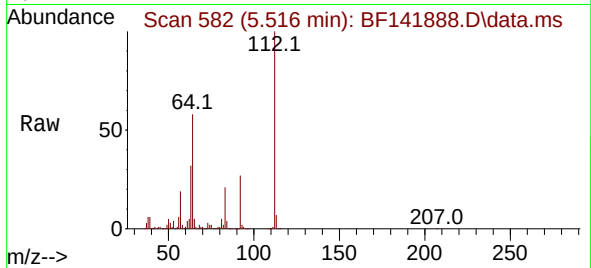




#5
2-Fluorophenol
Concen: 130.118 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

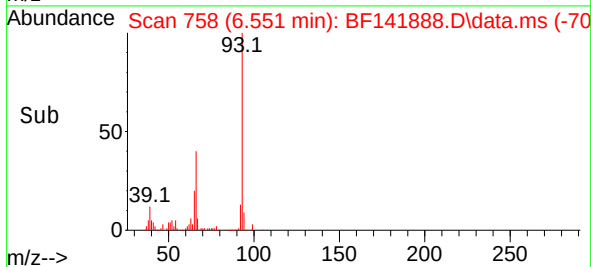
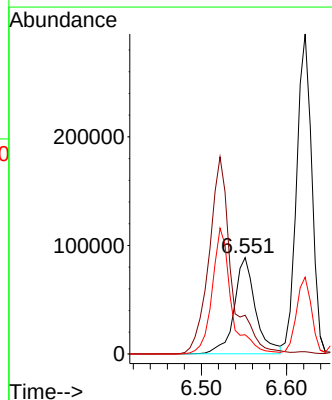
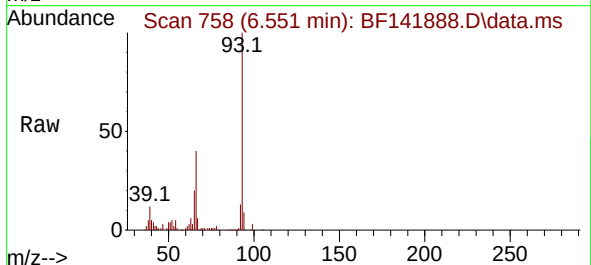
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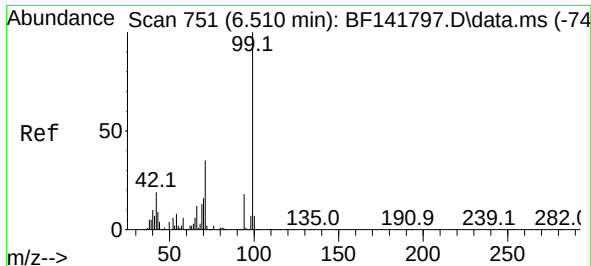
Tgt Ion:112 Resp: 1188951
Ion Ratio Lower Upper
112 100
64 58.0 51.3 76.9
63 31.5 26.2 39.4



#6
Aniline
Concen: 12.411 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion: 93 Resp: 153452
Ion Ratio Lower Upper
93 100
66 40.3 32.3 48.5
65 20.0 15.9 23.9

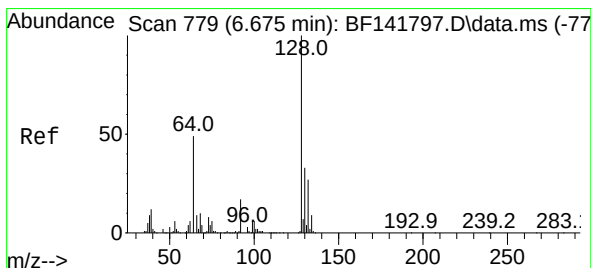
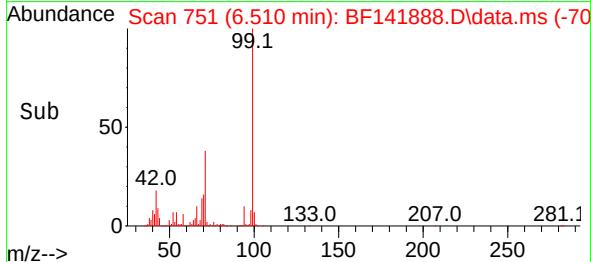
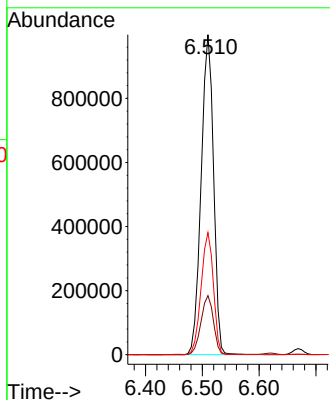
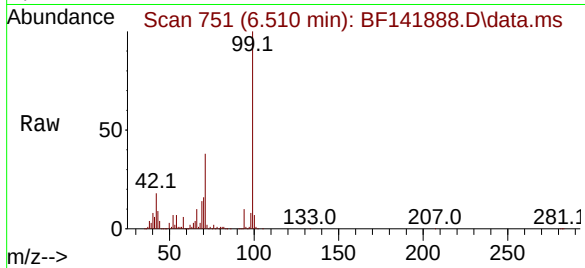




#7
Phenol-d6
Concen: 127.309 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

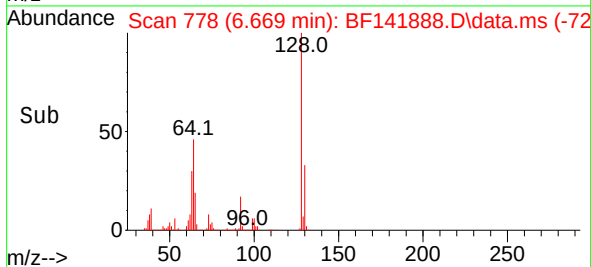
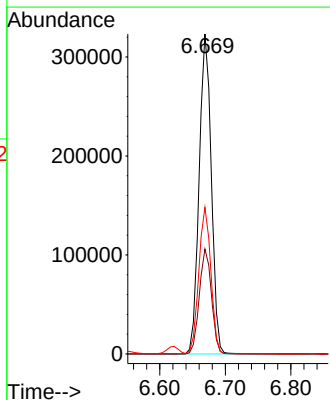
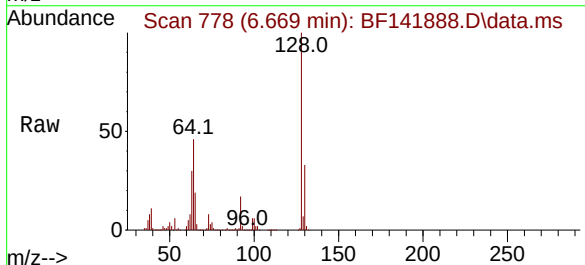
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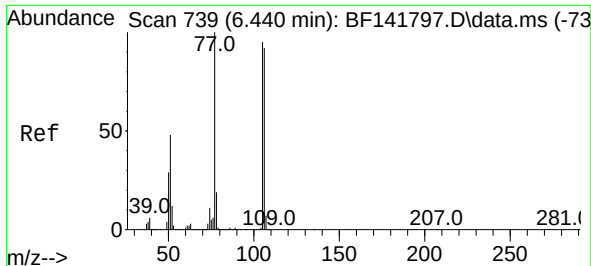
Tgt Ion: 99 Resp: 1514108
Ion Ratio Lower Upper
99 100
42 18.5 15.2 22.8
71 38.2 28.2 42.2



#8
2-Chlorophenol
Concen: 42.287 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:128 Resp: 417987
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 45.8 31.1 71.1

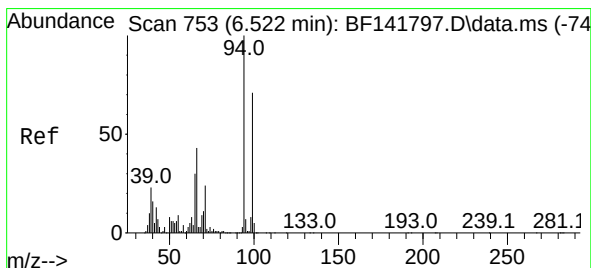
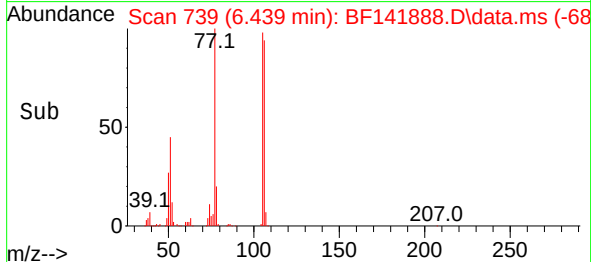
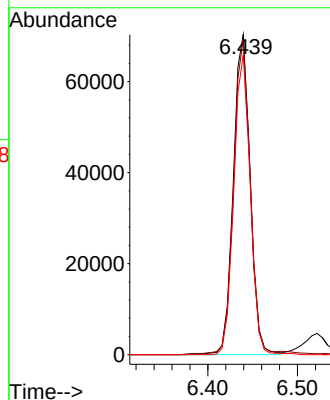
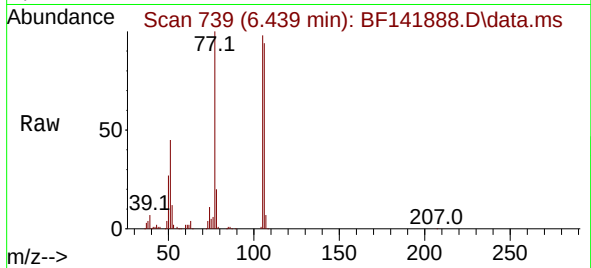




#9
Benzaldehyde
Concen: 13.188 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

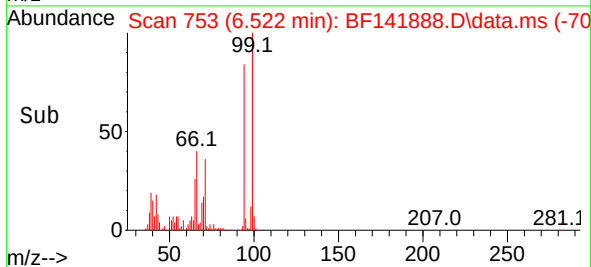
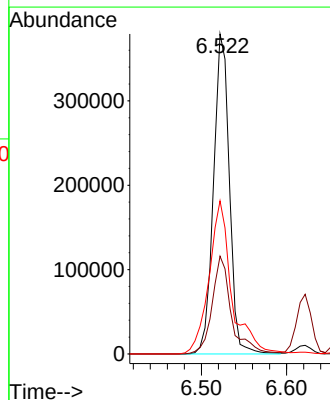
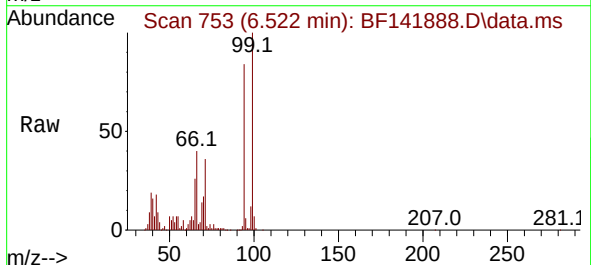
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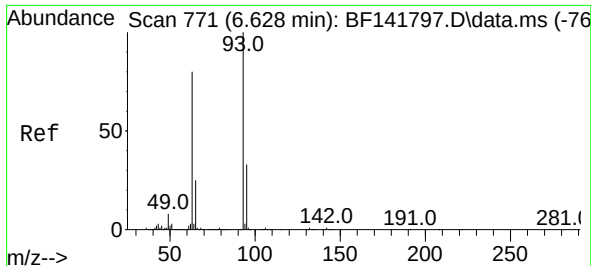
Tgt Ion: 77 Resp: 91235
Ion Ratio Lower Upper
77 100
105 98.5 75.3 115.3
106 93.6 72.3 112.3



#10
Phenol
Concen: 38.625 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion: 94 Resp: 490881
Ion Ratio Lower Upper
94 100
65 30.5 10.2 50.2
66 47.9 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 37.500 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

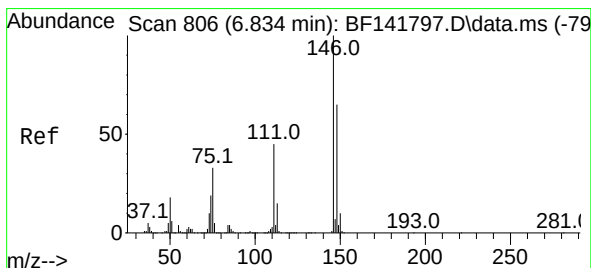
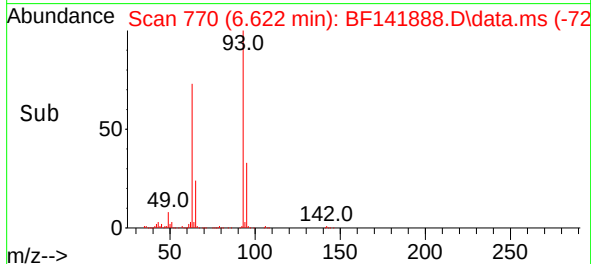
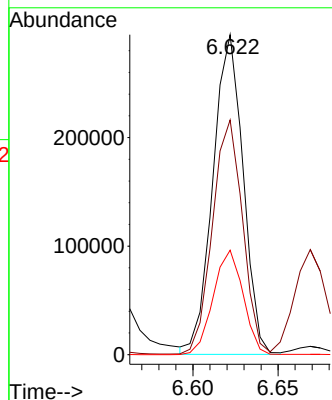
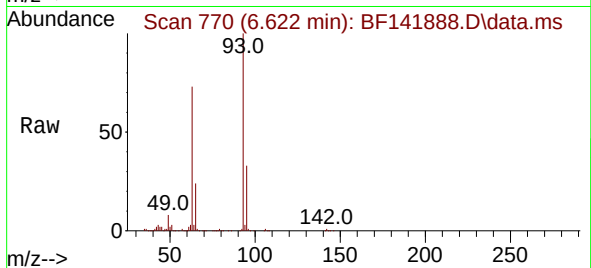
Tgt Ion: 93 Resp: 363281

Ion Ratio Lower Upper

93 100

63 73.3 59.3 99.3

95 32.6 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 33.571 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

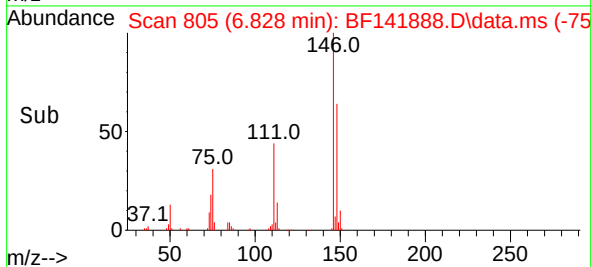
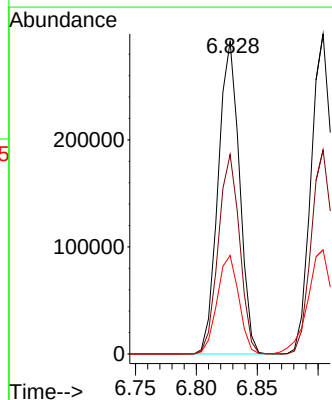
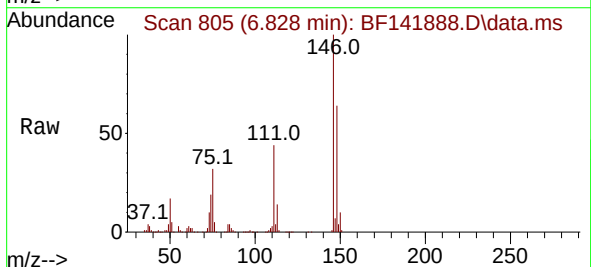
Tgt Ion:146 Resp: 355371

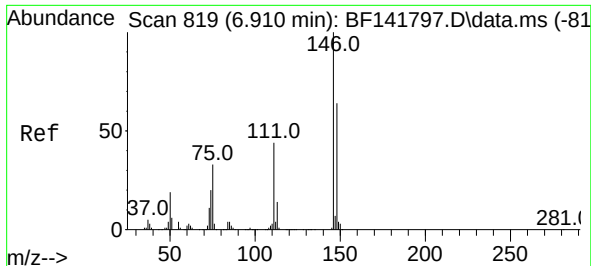
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 31.5 26.2 39.4

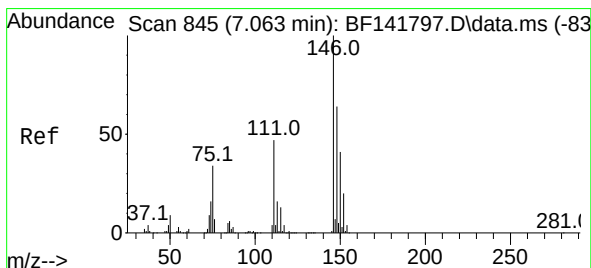
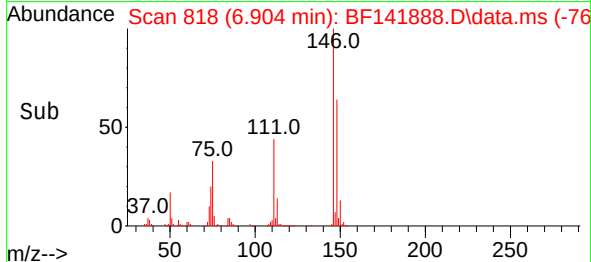
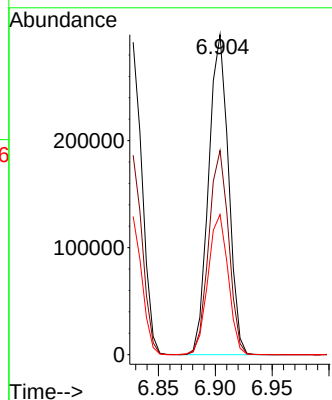
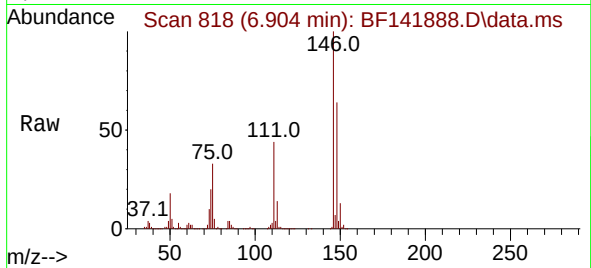




#13
1,4-Dichlorobenzene
Concen: 34.005 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

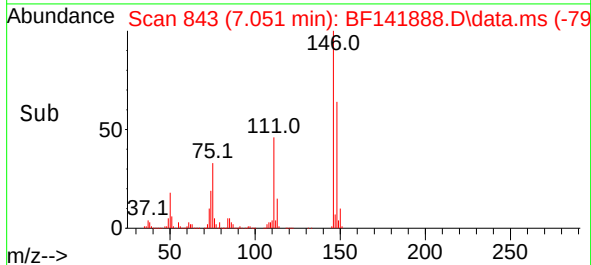
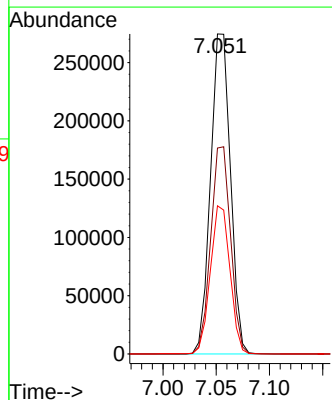
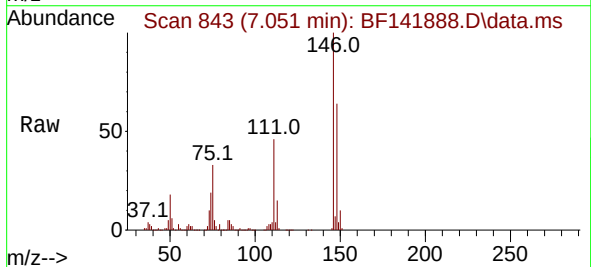
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

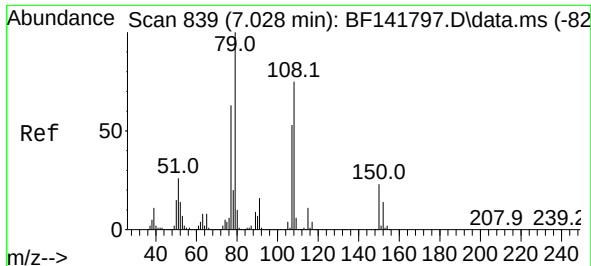
Tgt Ion:146 Resp: 362700
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 43.8 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 35.789 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:146 Resp: 356447
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 46.3 37.8 56.6

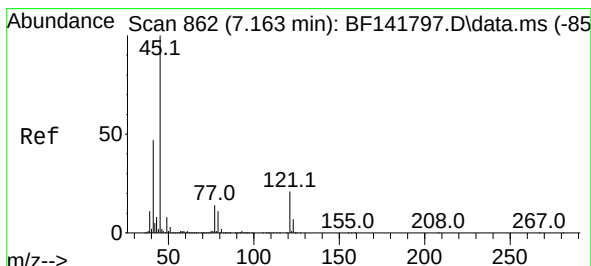
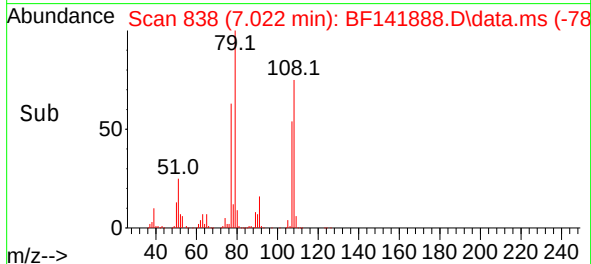
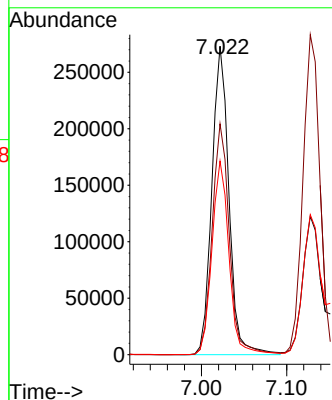
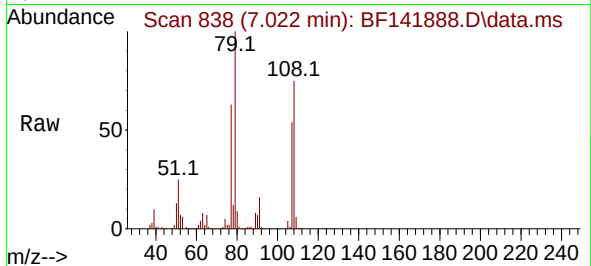




#15
Benzyl Alcohol
Concen: 39.939 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

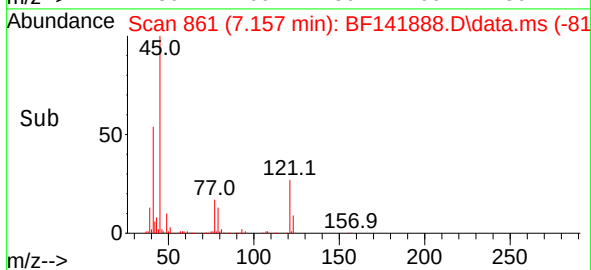
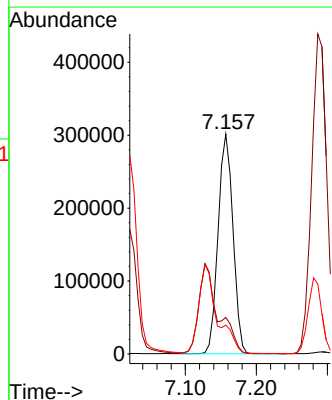
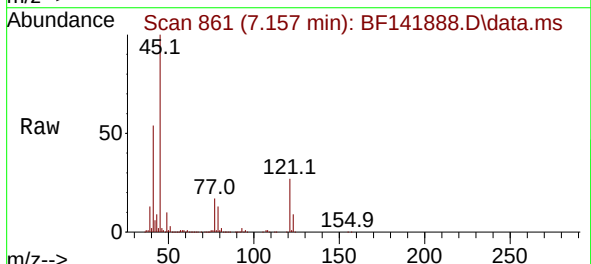
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

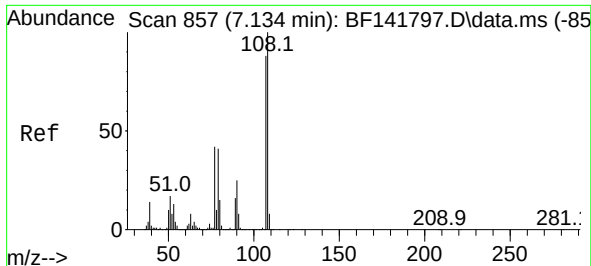
Tgt Ion: 79 Resp: 379624
Ion Ratio Lower Upper
79 100
108 74.9 60.2 90.2
77 62.8 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.627 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

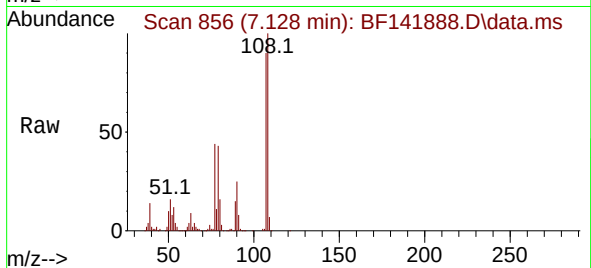
Tgt Ion: 45 Resp: 435876
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.4
79 13.1 0.0 30.9



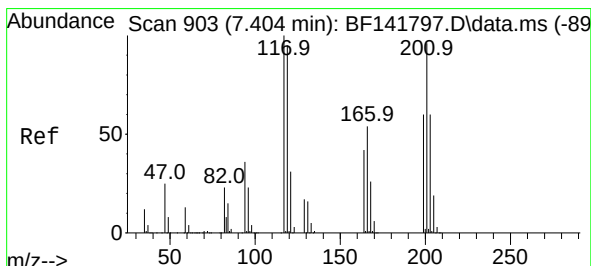
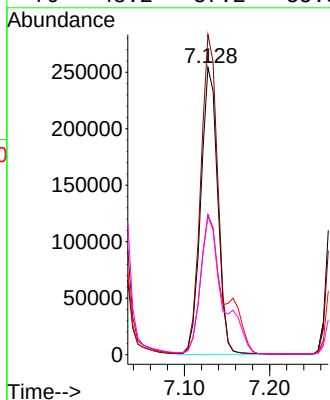
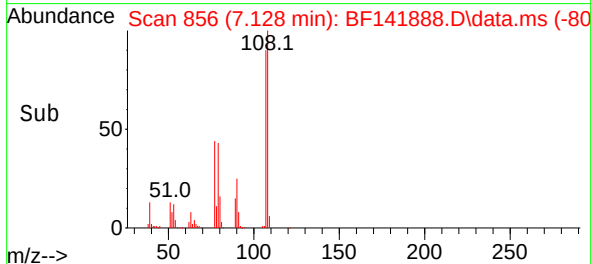


#17
2-Methylphenol
Concen: 42.750 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

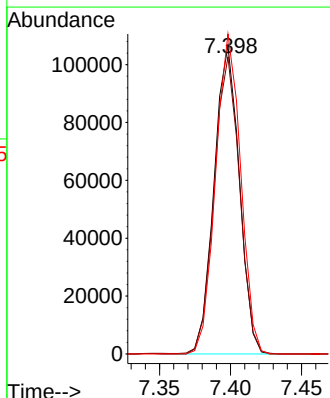
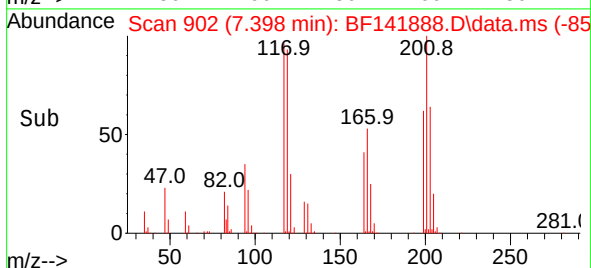
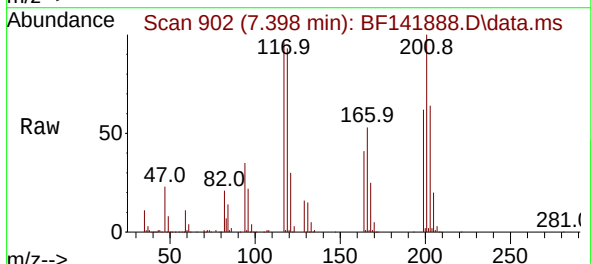


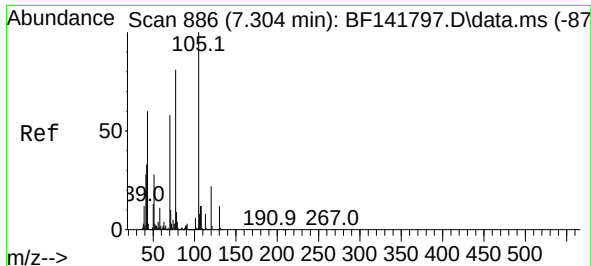
Tgt Ion:	107	Resp:	348794
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.6	135.8
77	48.8	37.7	56.5
79	48.2	37.2	55.8



#18
Hexachloroethane
Concen: 32.863 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:	117	Resp:	131194
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	103.7	76.7	115.1

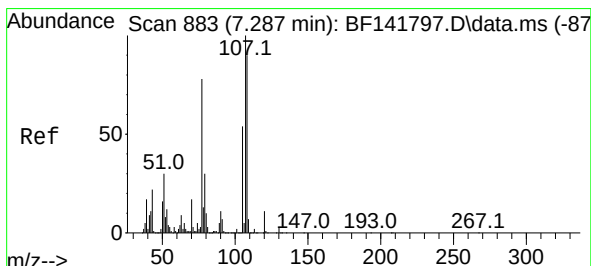
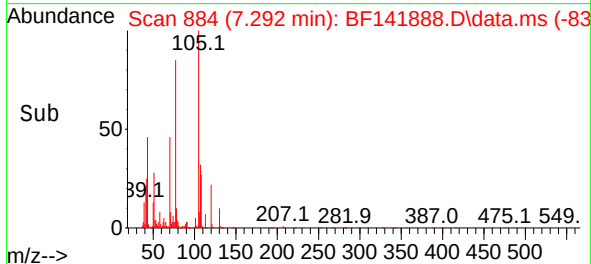
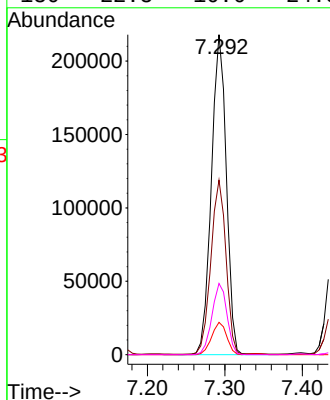
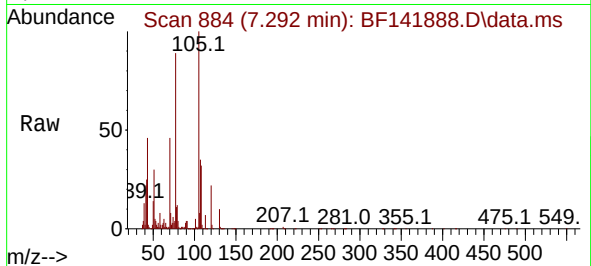




#19
n-Nitroso-di-n-propylamine
Concen: 37.458 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

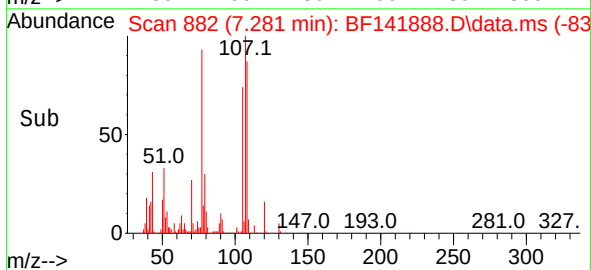
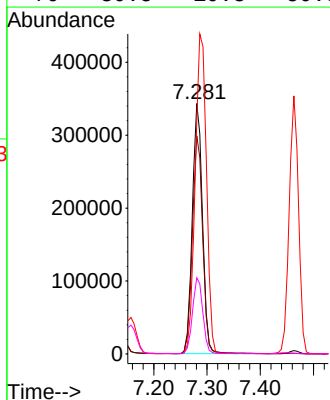
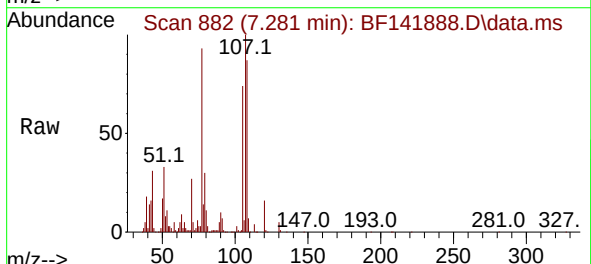
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

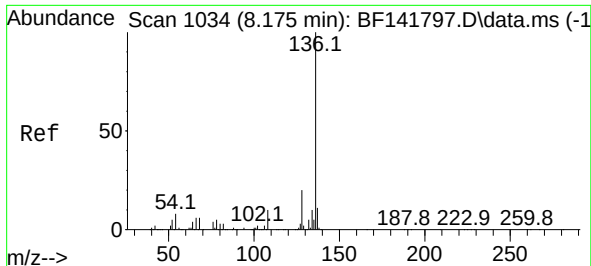
Tgt Ion: 70 Resp: 292851
Ion Ratio Lower Upper
70 100
42 54.6 45.4 68.0
101 10.1 7.8 11.8
130 22.3 16.6 24.8



#20
3+4-Methylphenols
Concen: 44.740 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:107 Resp: 454538
Ion Ratio Lower Upper
107 100
108 87.2 69.7 109.7
77 92.7 58.3 98.3
79 30.5 10.3 50.3



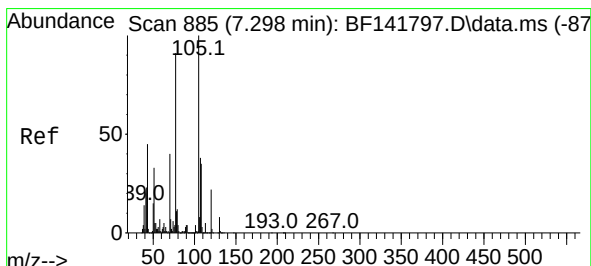
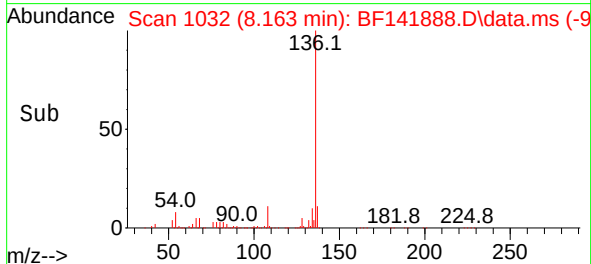
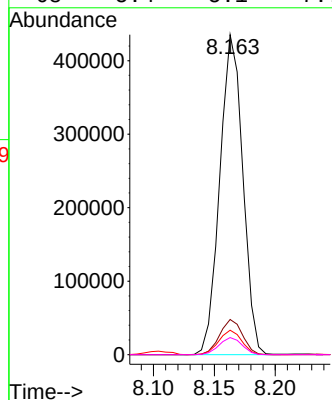
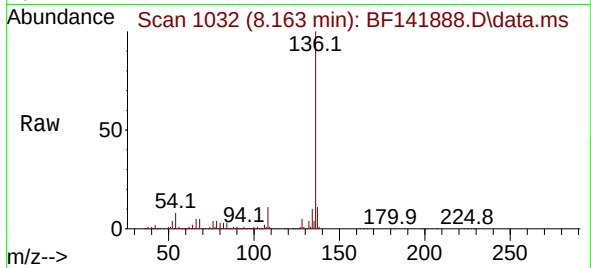


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

Tgt Ion:136 Resp: 573463

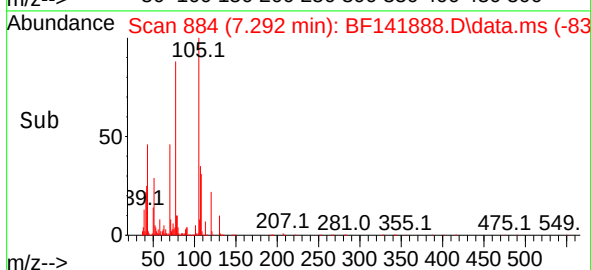
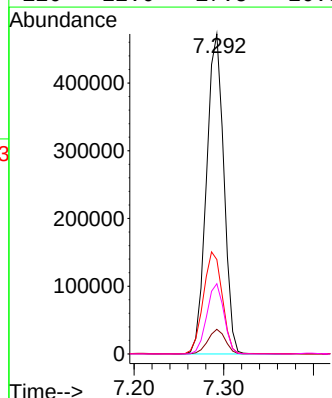
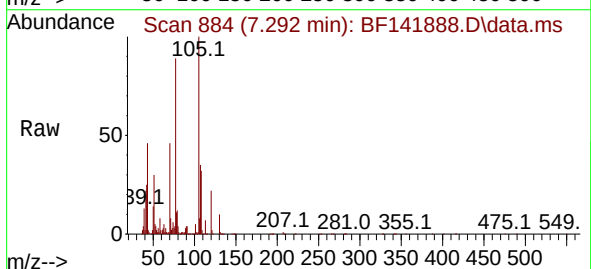
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.9	10.3
68	5.4	5.1	7.7

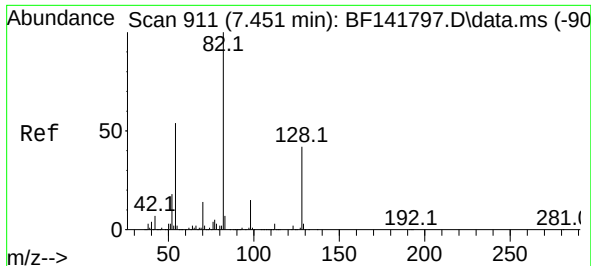


#22
Acetophenone
Concen: 45.388 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:105 Resp: 633919

Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.4	8.0
51	29.5	26.1	39.1
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 113.545 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

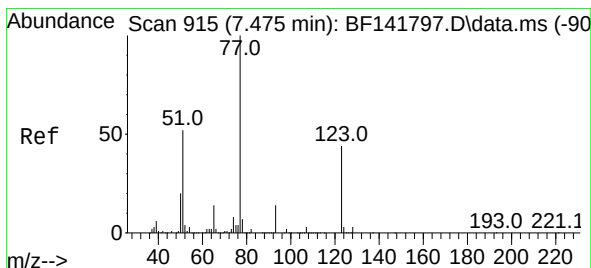
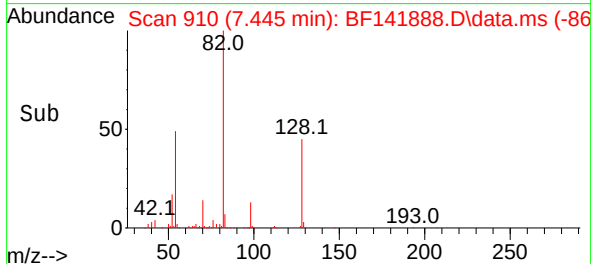
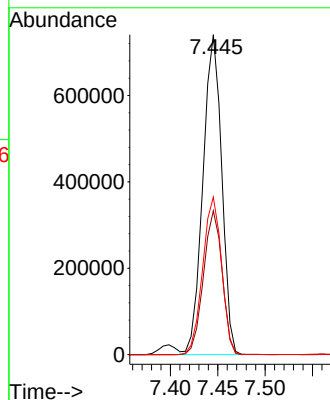
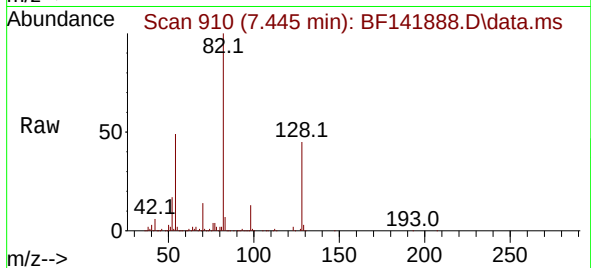
Tgt Ion: 82 Resp: 1018675

Ion Ratio Lower Upper

82 100

128 45.0 33.5 50.3

54 49.3 42.7 64.1



#24

Nitrobenzene

Concen: 44.802 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

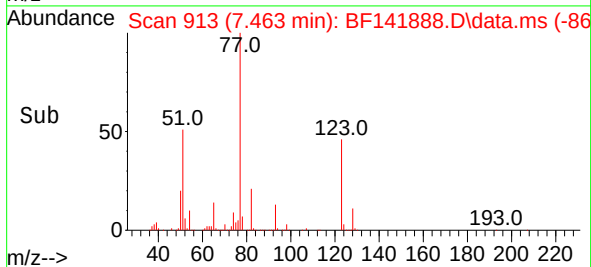
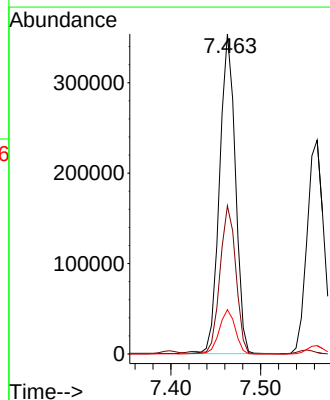
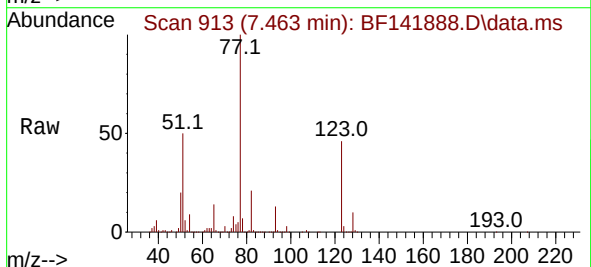
Tgt Ion: 77 Resp: 430420

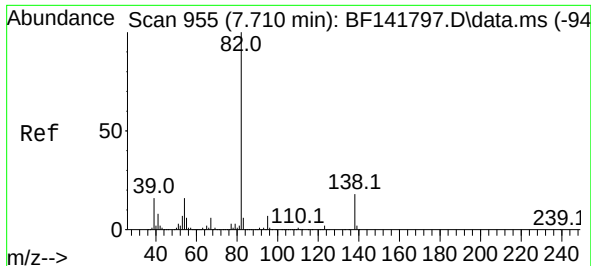
Ion Ratio Lower Upper

77 100

123 46.3 35.8 53.8

65 13.9 11.2 16.8

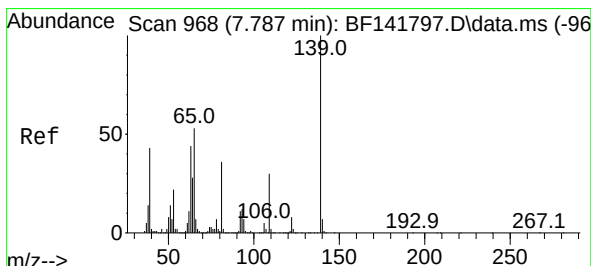
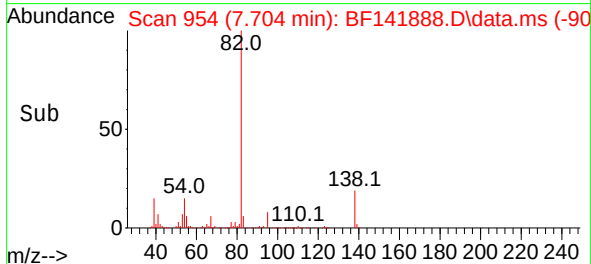
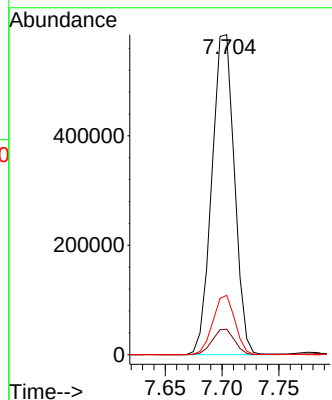
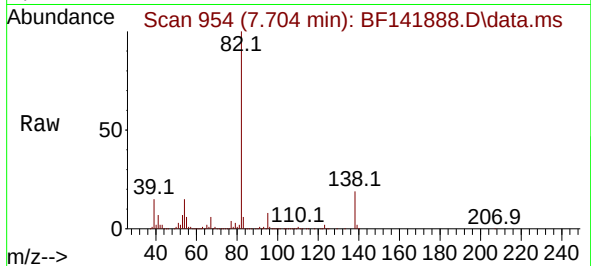




#25
Isophorone
Concen: 42.029 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

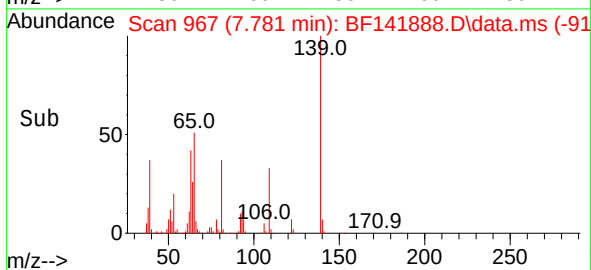
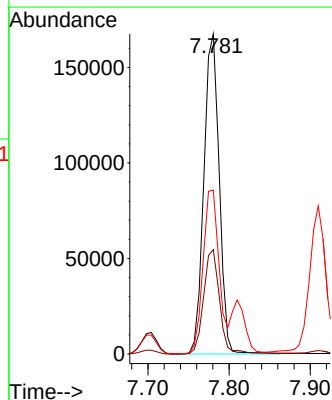
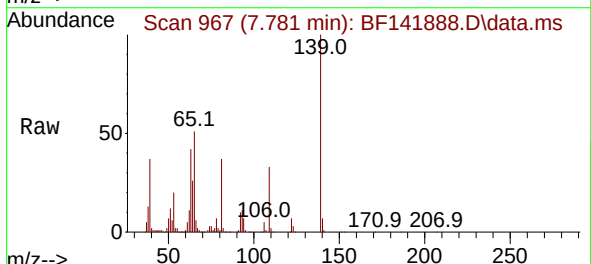
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

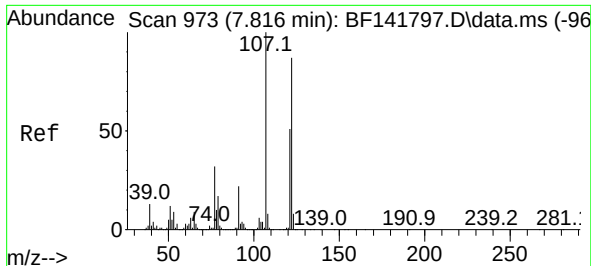
Tgt Ion: 82 Resp: 810074
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 18.6 14.0 21.0



#26
2-Nitrophenol
Concen: 50.950 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:139 Resp: 219989
Ion Ratio Lower Upper
139 100
109 32.6 24.1 36.1
65 51.2 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 53.085 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

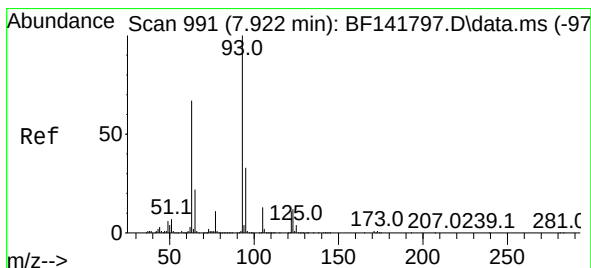
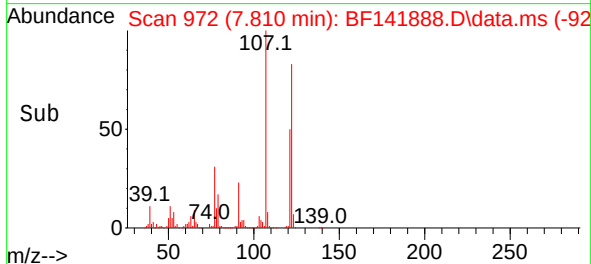
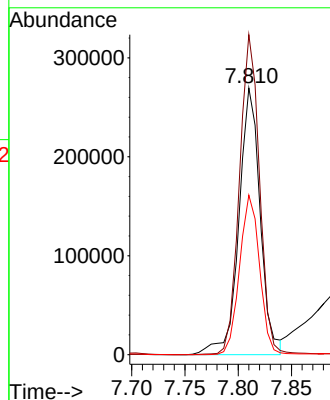
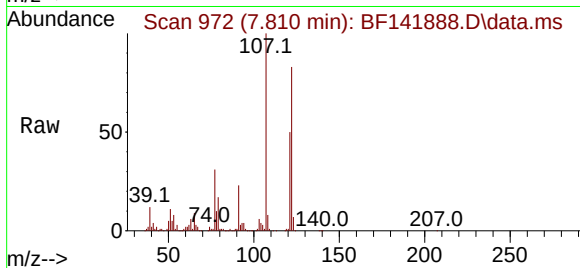
Tgt Ion:122 Resp: 376107

Ion Ratio Lower Upper

122 100

107 119.9 92.5 138.7

121 59.8 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 38.804 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

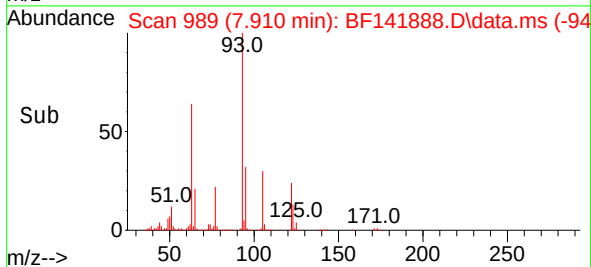
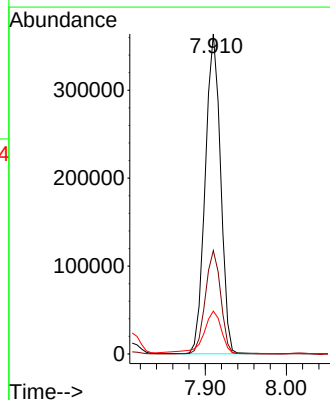
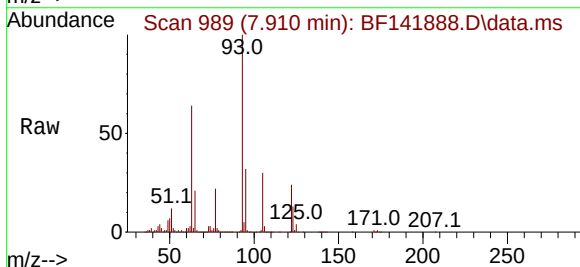
Tgt Ion: 93 Resp: 477100

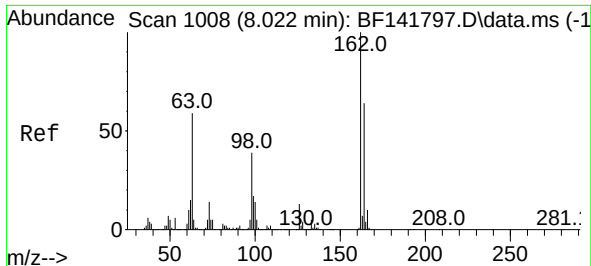
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 13.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.445 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

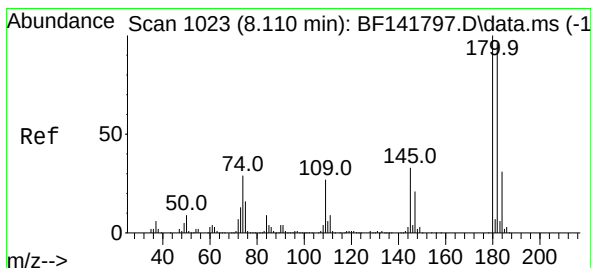
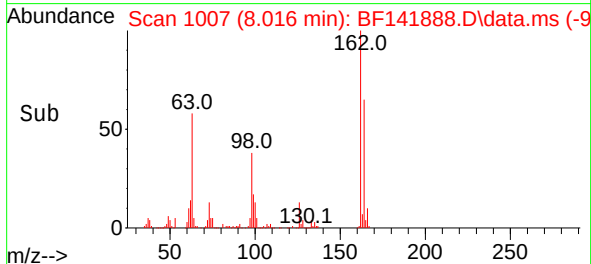
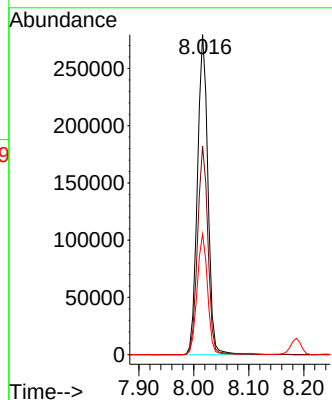
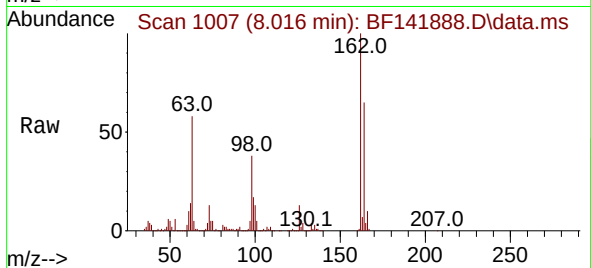
Tgt Ion:162 Resp: 371450

Ion Ratio Lower Upper

162 100

164 65.2 44.3 84.3

98 37.7 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 39.327 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

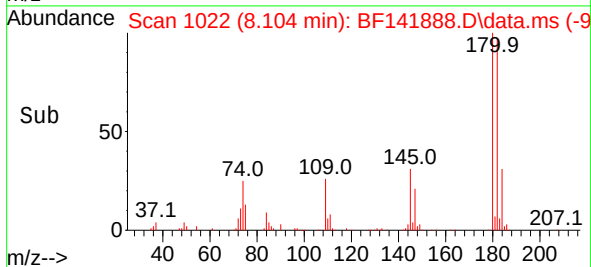
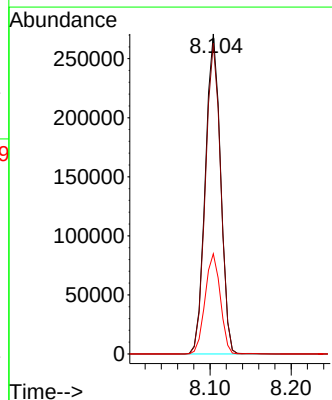
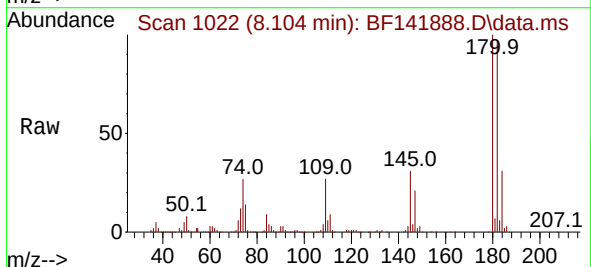
Tgt Ion:180 Resp: 352226

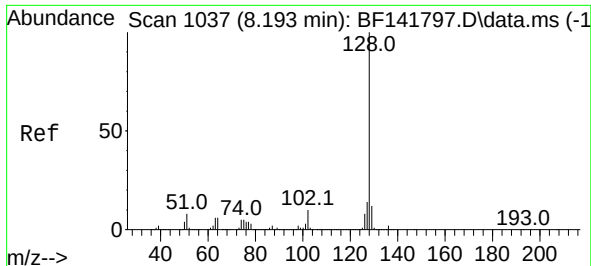
Ion Ratio Lower Upper

180 100

182 97.0 76.8 115.2

145 31.3 26.4 39.6

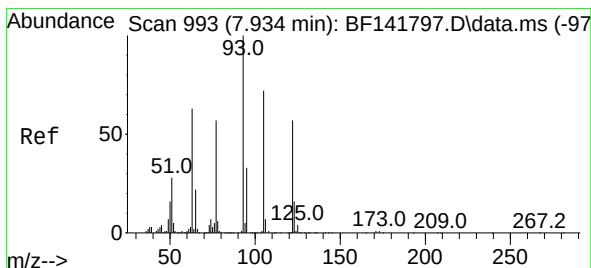
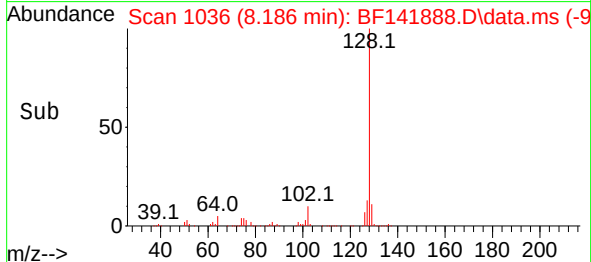
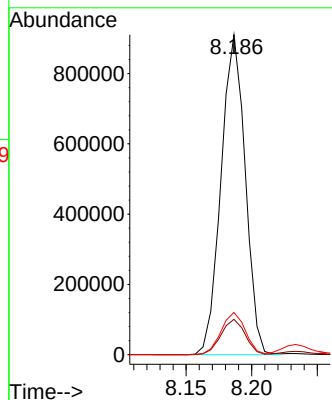
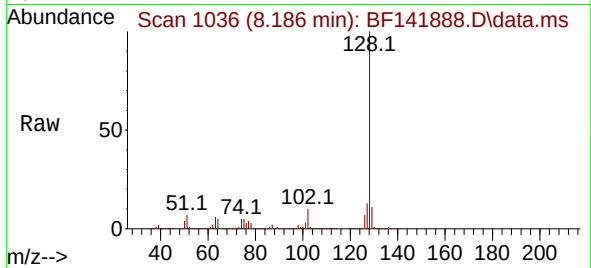




#31
Naphthalene
Concen: 39.617 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

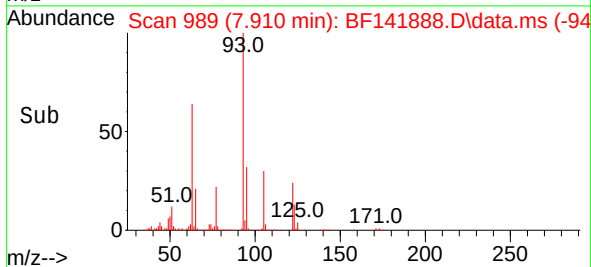
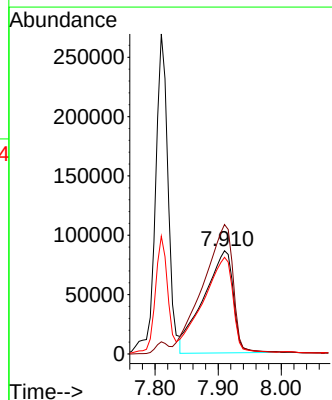
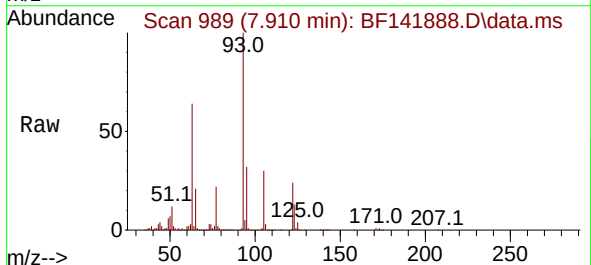
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

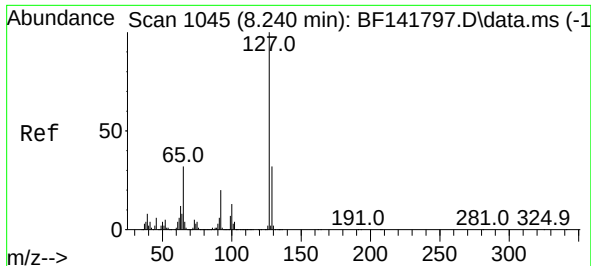
Tgt Ion:128 Resp: 1167646
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.2 11.0 16.4



#32
Benzoic acid
Concen: 47.647 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.024 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:122 Resp: 281362
Ion Ratio Lower Upper
122 100
105 125.4 105.8 145.8
77 93.7 79.9 119.9





#33

4-Chloroaniline

Concen: 4.120 ng

RT: 8.233 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

Tgt Ion:127 Resp: 44524

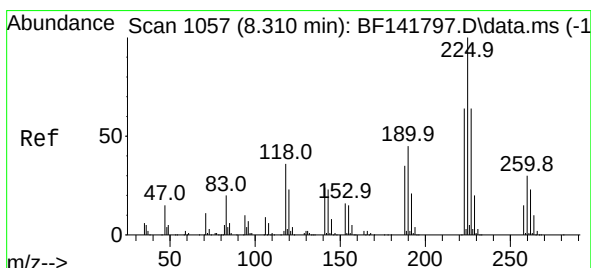
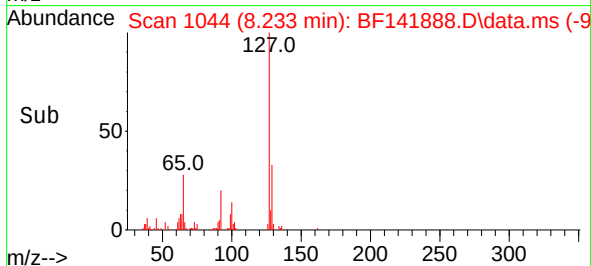
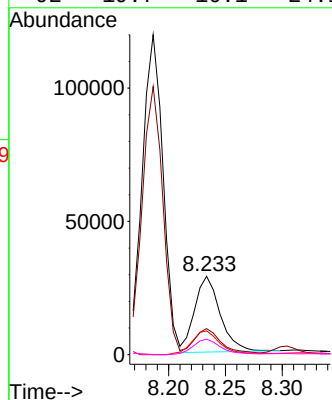
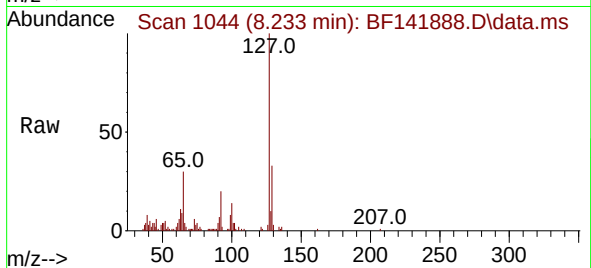
Ion Ratio Lower Upper

127 100

129 33.3 26.1 39.1

65 30.4 25.7 38.5

92 19.7 16.1 24.1



#34

Hexachlorobutadiene

Concen: 39.168 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

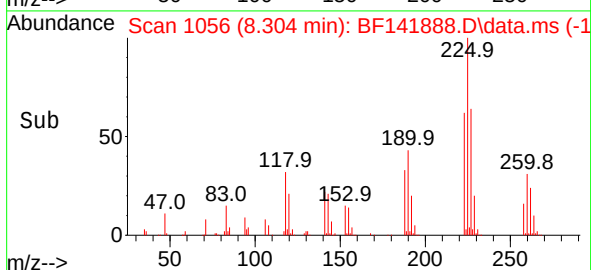
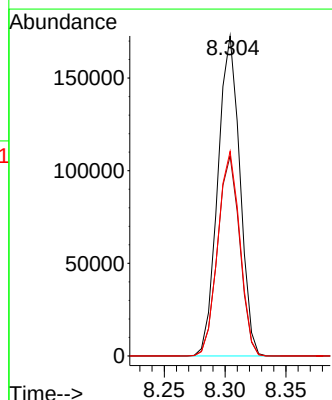
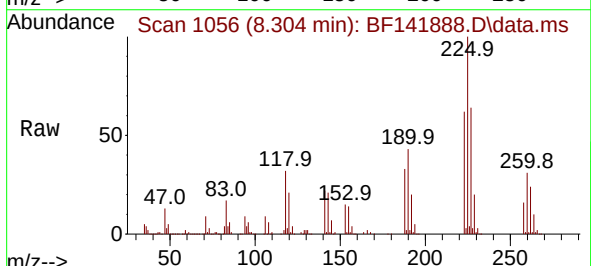
Tgt Ion:225 Resp: 217994

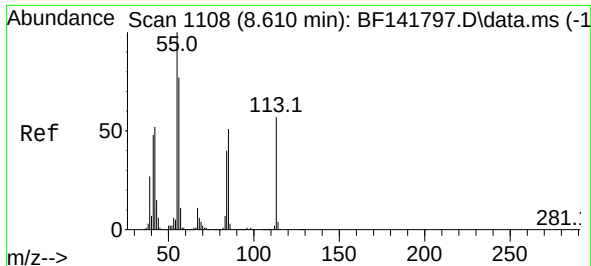
Ion Ratio Lower Upper

225 100

223 62.5 51.4 77.2

227 64.0 51.6 77.4





#35

Caprolactam

Concen: 28.495 ng

RT: 8.592 min Scan# 1105

Delta R.T. -0.018 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

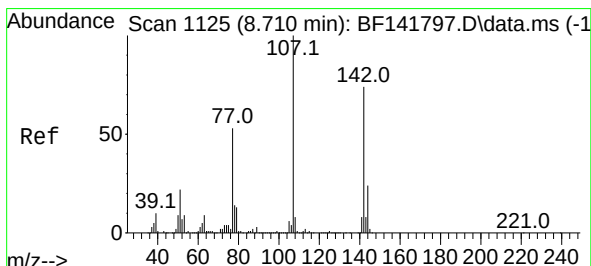
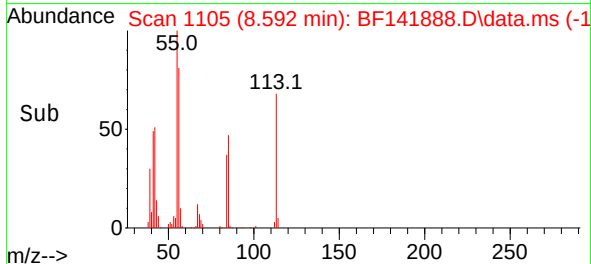
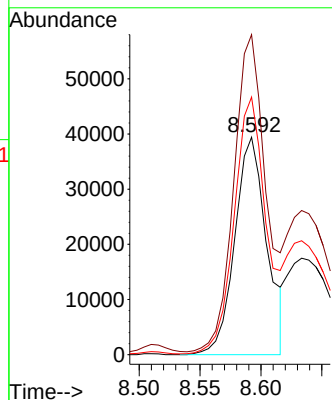
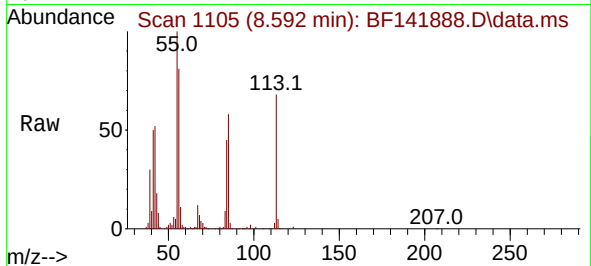
Tgt Ion:113 Resp: 71650

Ion Ratio Lower Upper

113 100

55 147.2 155.6 195.6#

56 118.5 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 46.229 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

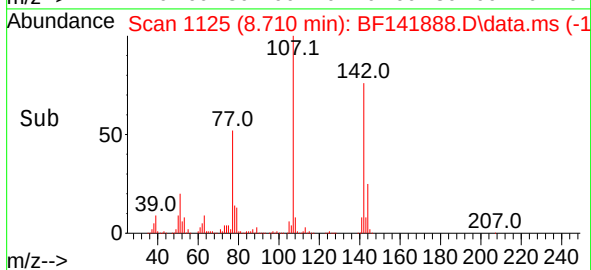
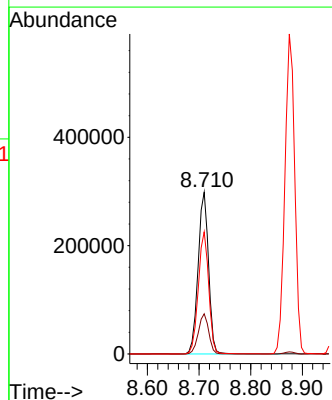
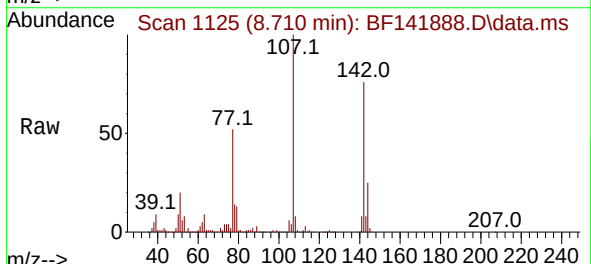
Tgt Ion:107 Resp: 419747

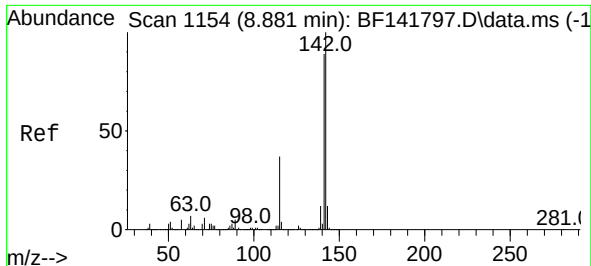
Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.0

142 75.5 59.4 89.0

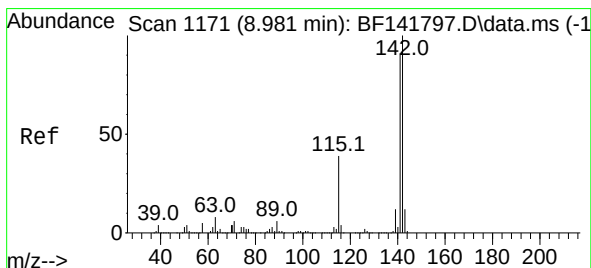
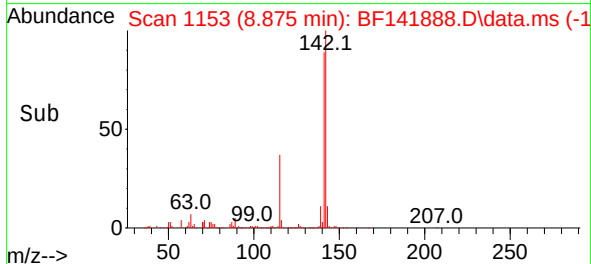
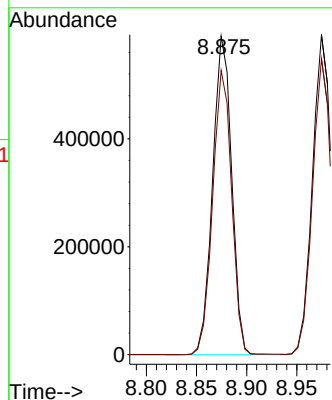
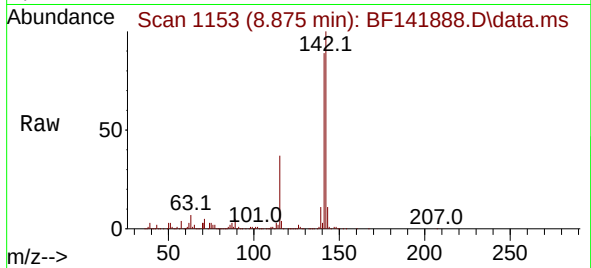




#37
2-Methylnaphthalene
Concen: 40.304 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

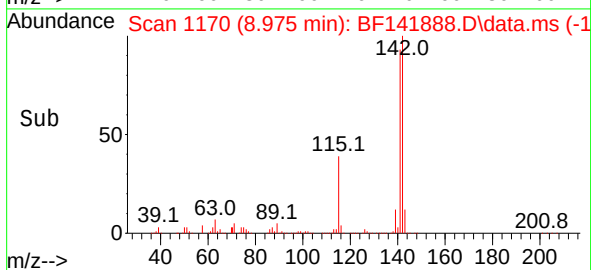
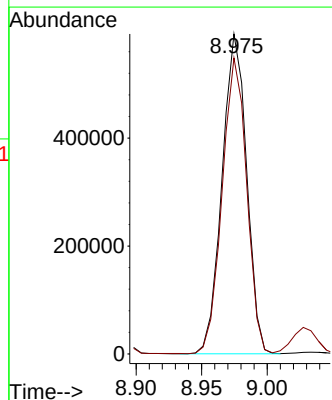
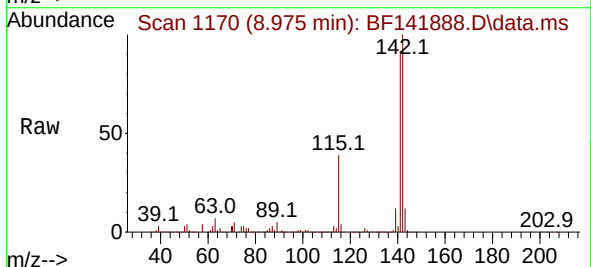
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

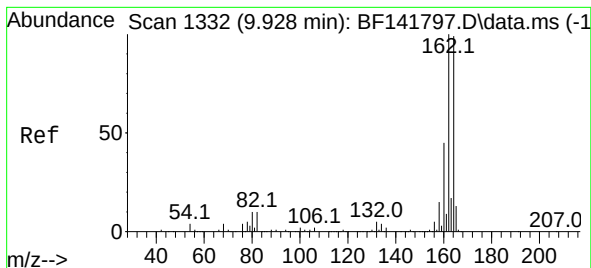
Tgt Ion:142 Resp: 779155
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 41.599 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:142 Resp: 771642
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF141888.D

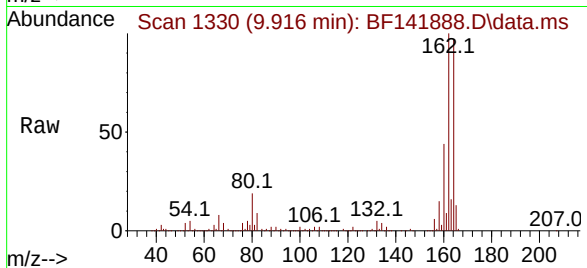
Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD



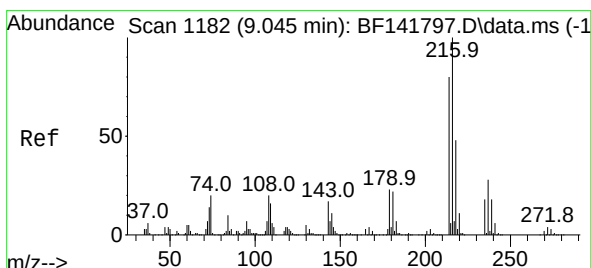
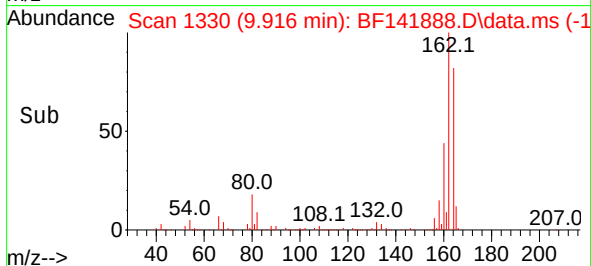
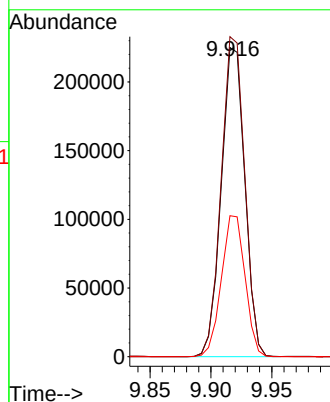
Tgt Ion:164 Resp: 303593

Ion Ratio Lower Upper

164 100

162 103.5 80.6 120.8

160 45.6 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.506 ng

RT: 9.039 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Tgt Ion:216 Resp: 434072

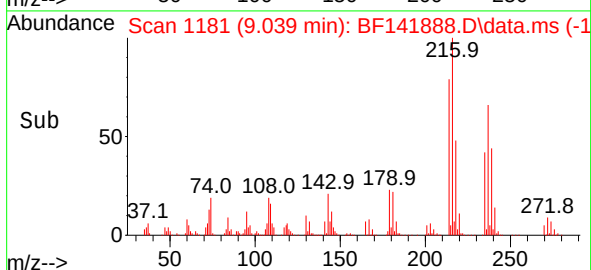
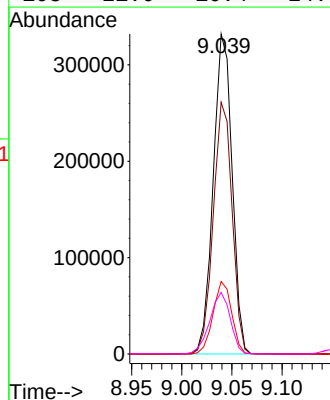
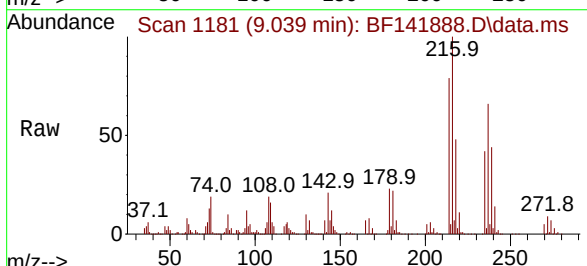
Ion Ratio Lower Upper

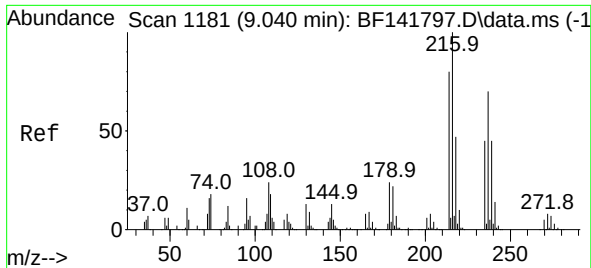
216 100

214 78.7 63.5 95.3

179 22.4 18.1 27.1

108 21.0 16.4 24.6

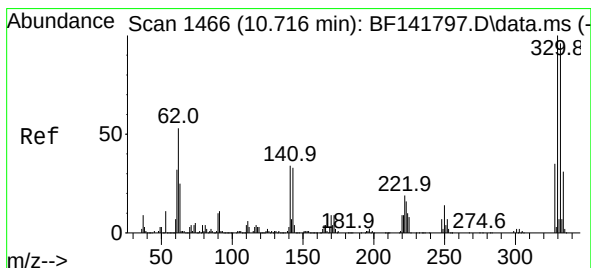
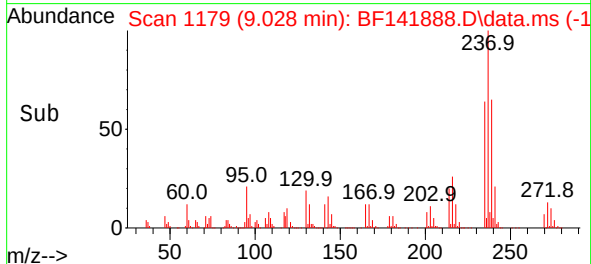
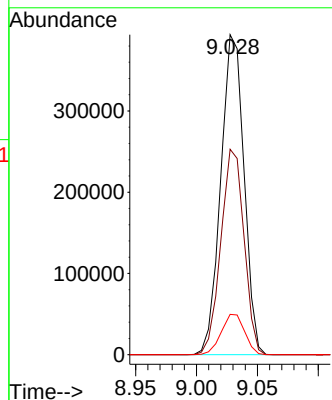
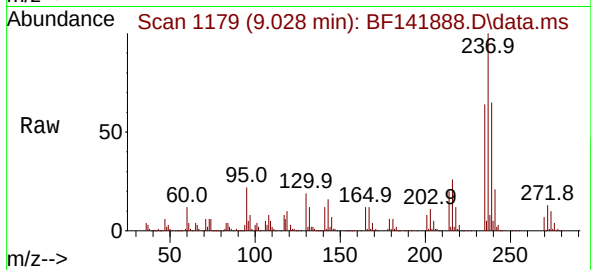




#41
Hexachlorocyclopentadiene
Concen: 143.187 ng
RT: 9.028 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

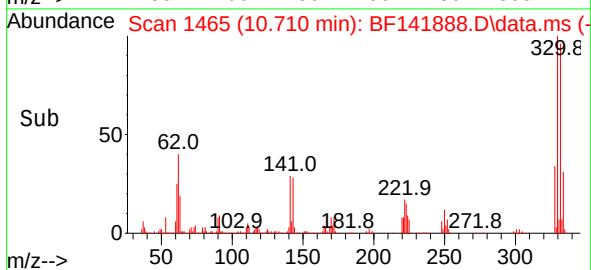
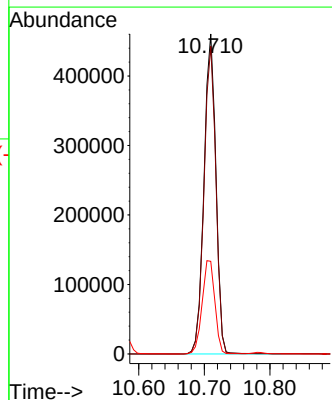
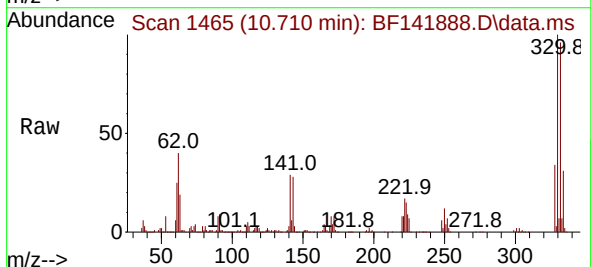
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

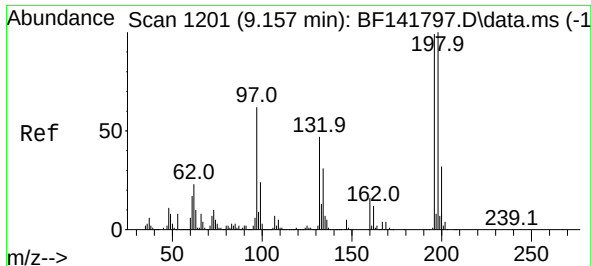
Tgt Ion:237 Resp: 523947
Ion Ratio Lower Upper
237 100
235 64.2 43.3 83.3
272 12.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 204.654 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:330 Resp: 583302
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 31.2 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 51.151 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

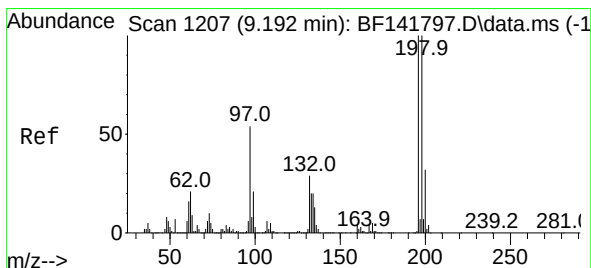
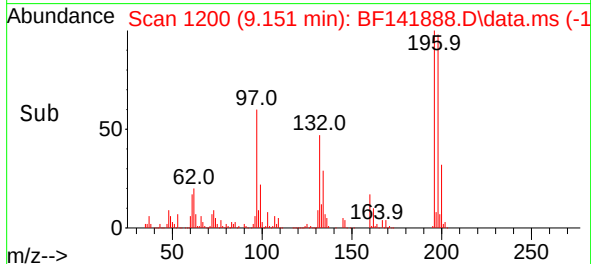
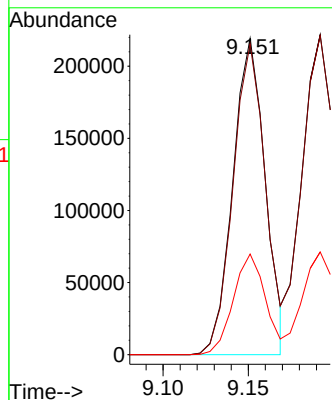
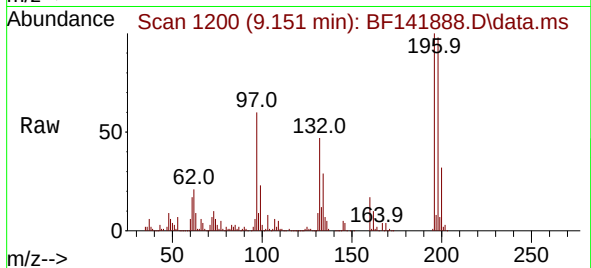
Tgt Ion:196 Resp: 289710

Ion Ratio Lower Upper

196 100

198 98.2 80.4 120.6

200 31.8 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 54.229 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Tgt Ion:196 Resp: 304140

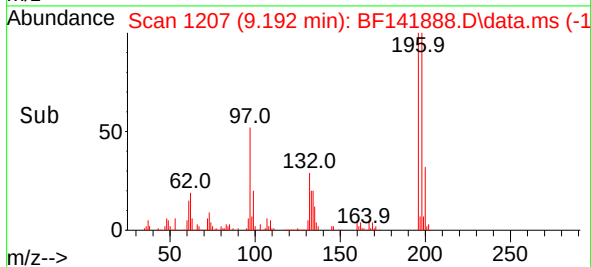
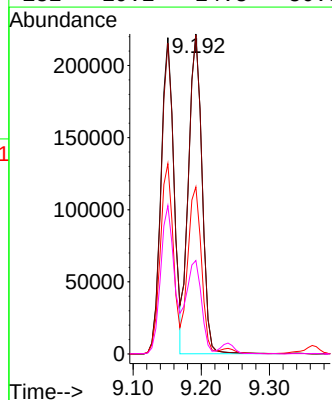
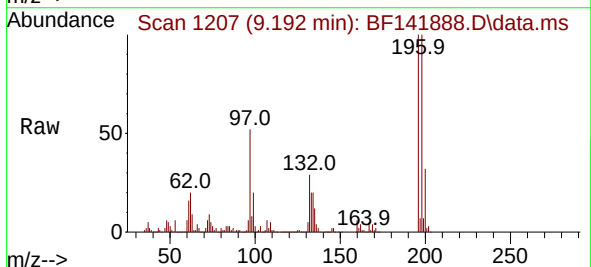
Ion Ratio Lower Upper

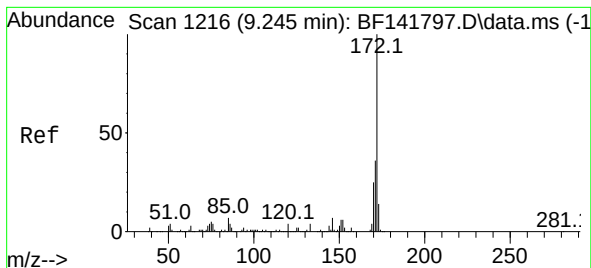
196 100

198 99.7 79.7 119.5

97 52.2 44.2 66.2

132 29.2 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 103.821 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

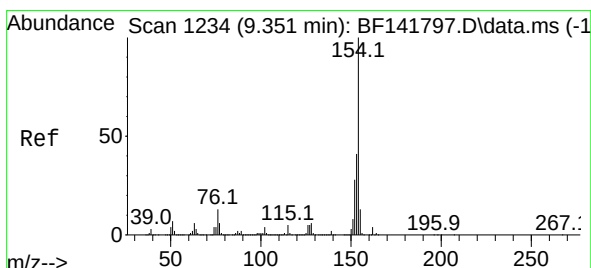
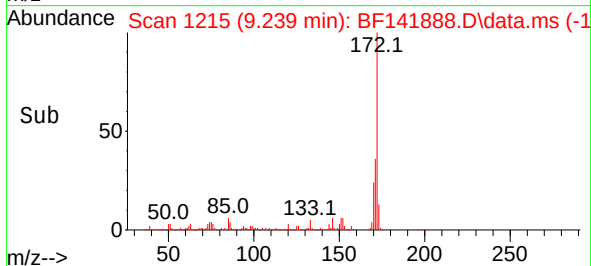
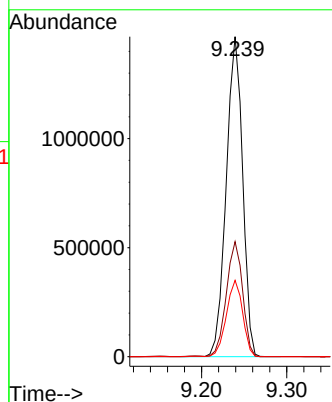
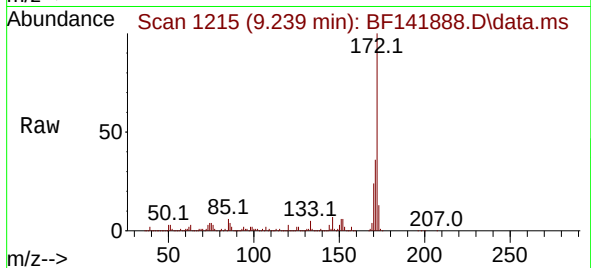
Tgt Ion:172 Resp: 1965727

Ion Ratio Lower Upper

172 100

171 36.0 29.2 43.8

170 23.9 19.7 29.5



#46

1,1'-Biphenyl

Concen: 50.458 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

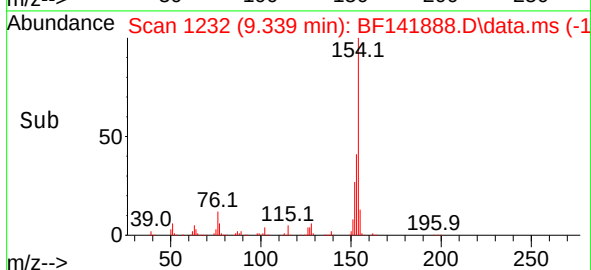
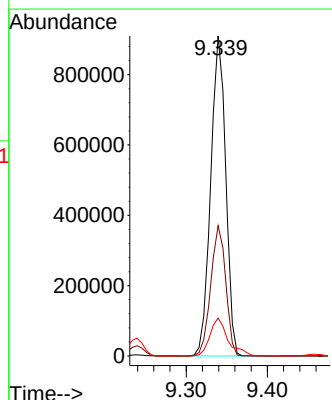
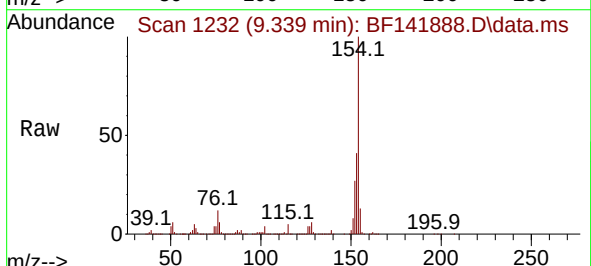
Tgt Ion:154 Resp: 1166006

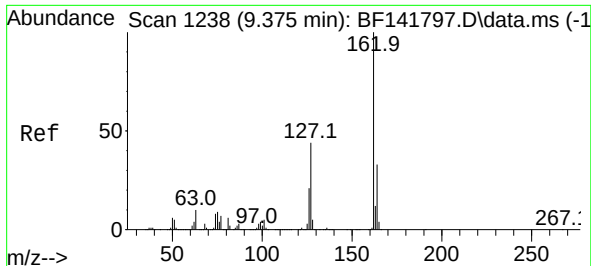
Ion Ratio Lower Upper

154 100

153 40.7 21.4 61.4

76 11.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 46.505 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.012 min

Lab File: BF141888.D

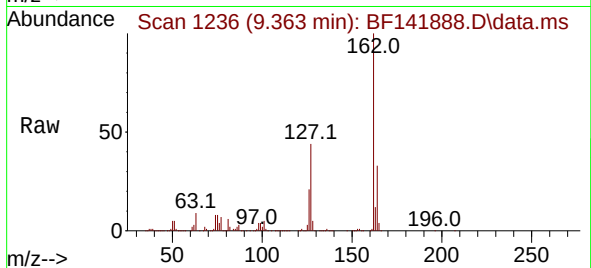
Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD



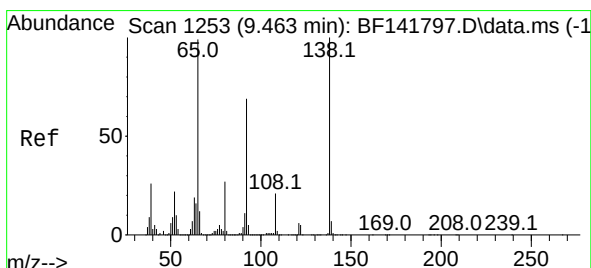
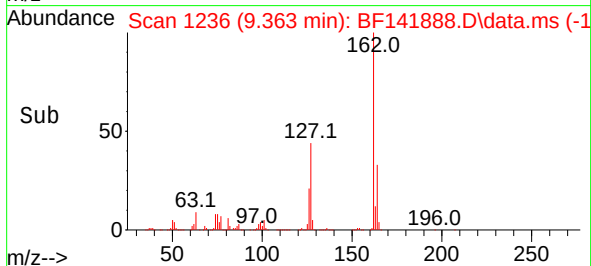
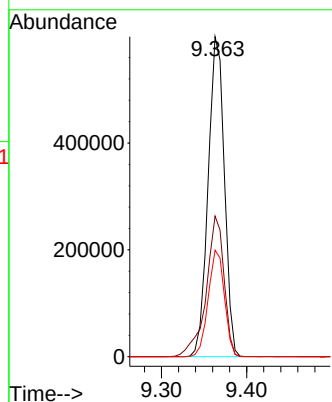
Tgt Ion:162 Resp: 793175

Ion Ratio Lower Upper

162 100

127 43.9 35.0 52.6

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 53.790 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

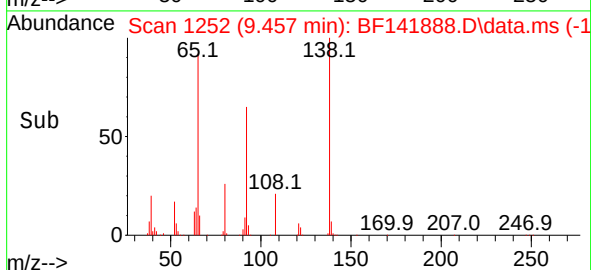
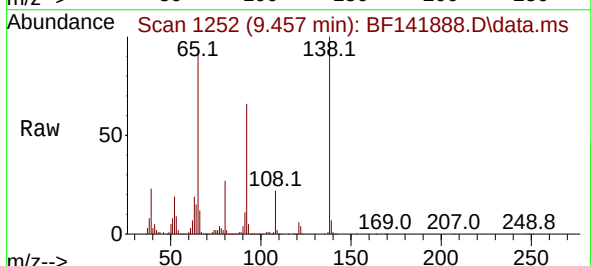
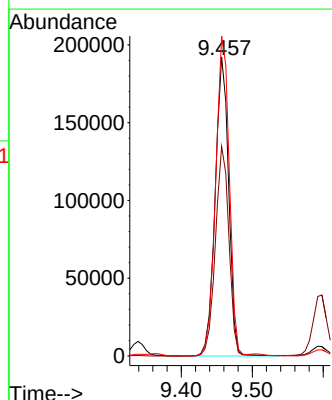
Tgt Ion: 65 Resp: 253809

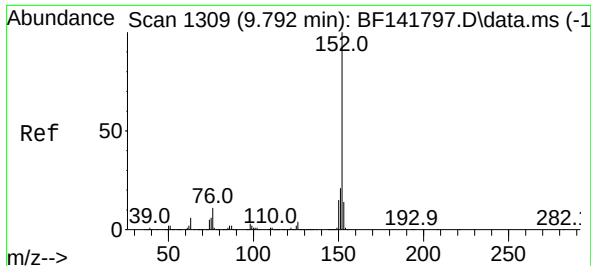
Ion Ratio Lower Upper

65 100

92 70.1 55.7 83.5

138 107.0 80.6 121.0





#49

Acenaphthylene

Concen: 49.307 ng

RT: 9.780 min Scan# 1309

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

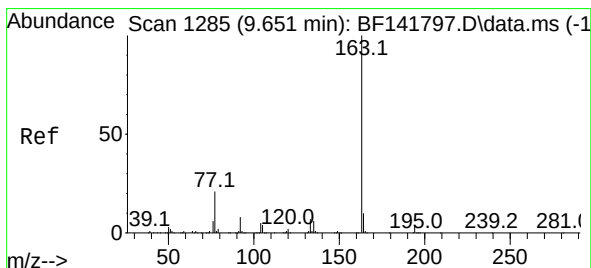
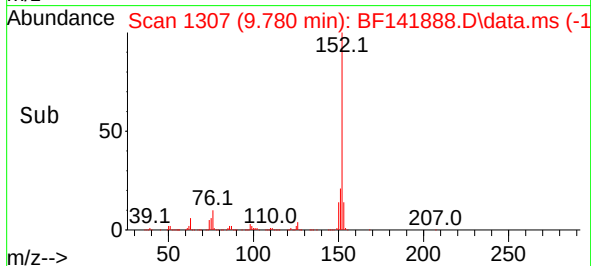
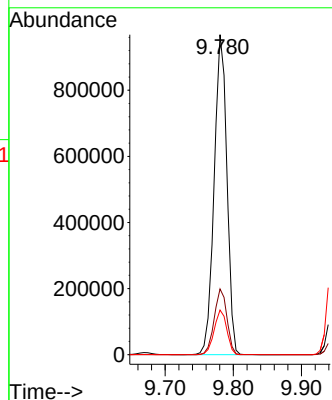
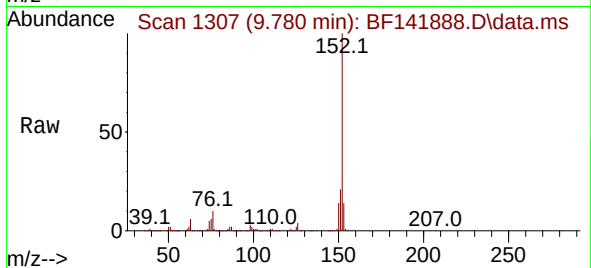
Tgt Ion:152 Resp: 1260858

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

153 14.0 11.2 16.8



#50

Dimethylphthalate

Concen: 49.315 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

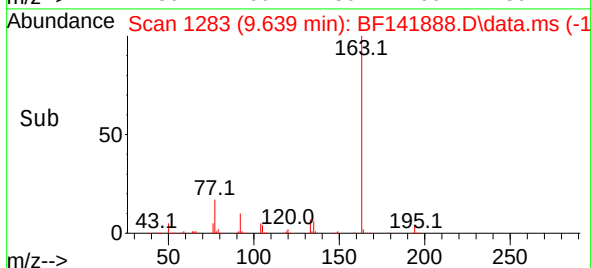
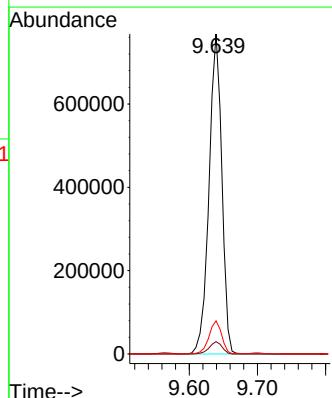
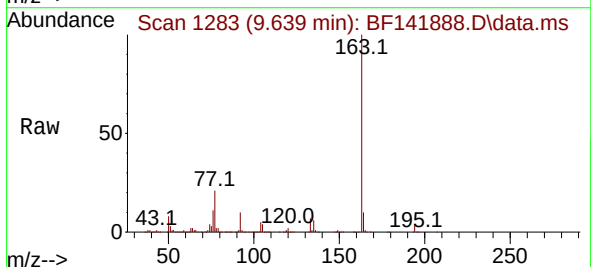
Tgt Ion:163 Resp: 1002628

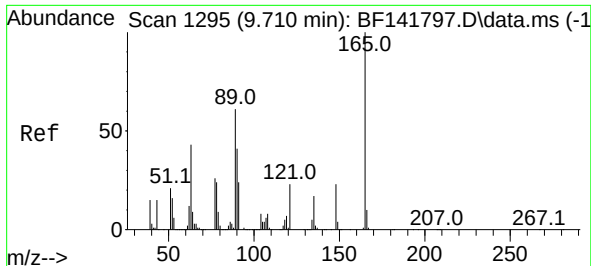
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 55.722 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

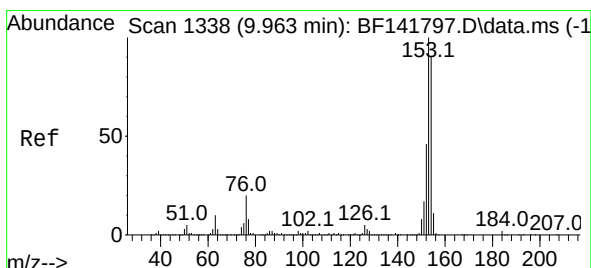
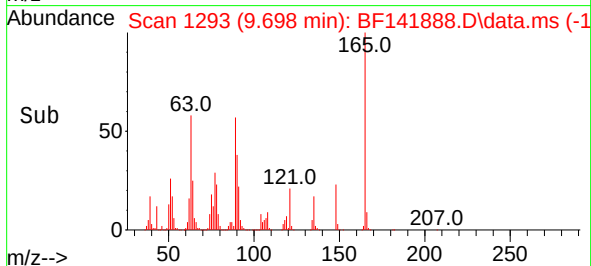
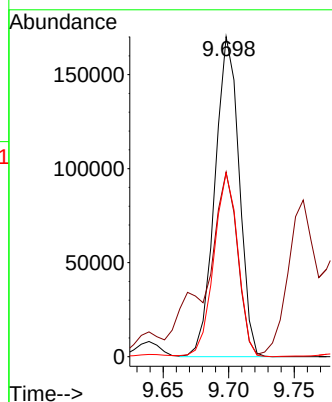
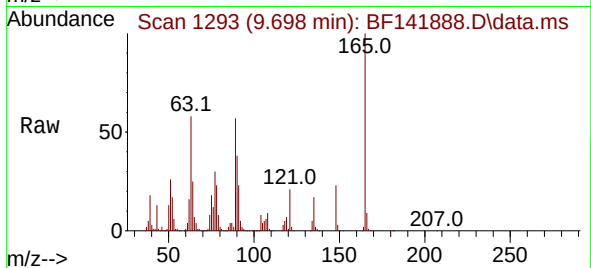
Tgt Ion:165 Resp: 218602

Ion Ratio Lower Upper

165 100

63 57.6 49.5 74.3

89 57.4 49.0 73.4



#52

Acenaphthene

Concen: 53.212 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

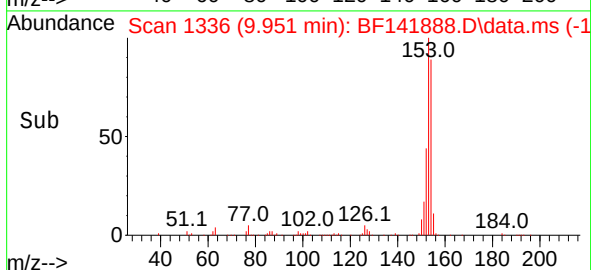
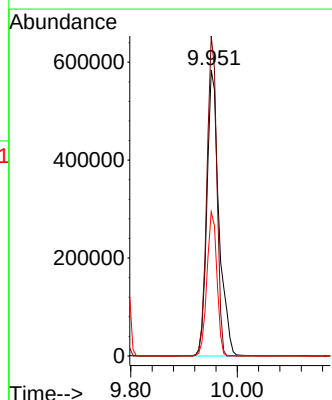
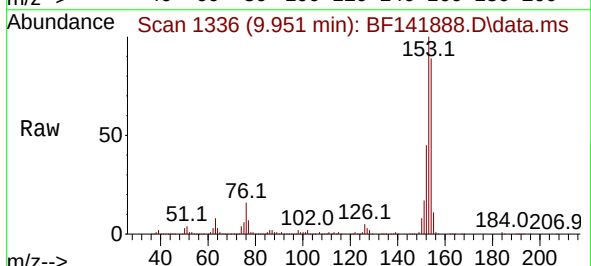
Tgt Ion:154 Resp: 918161

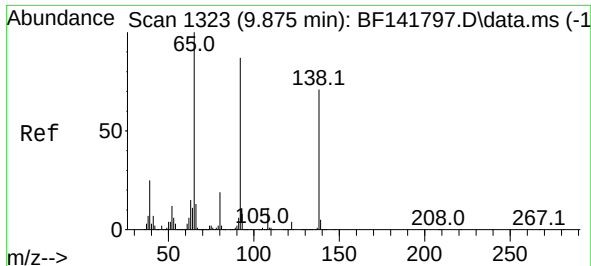
Ion Ratio Lower Upper

154 100

153 111.9 88.7 133.1

152 50.4 40.9 61.3

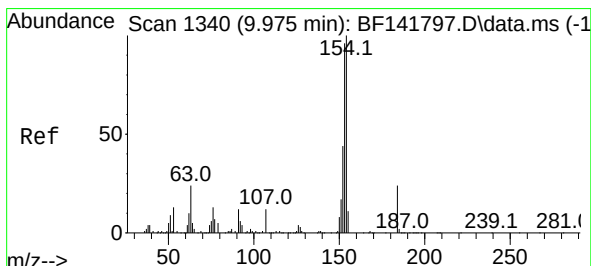
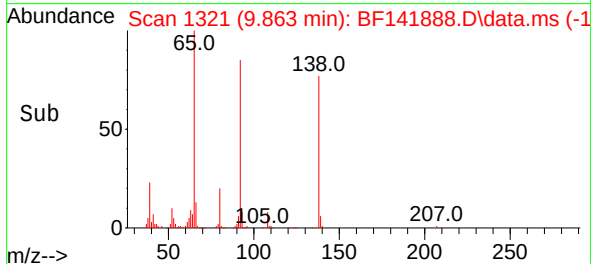
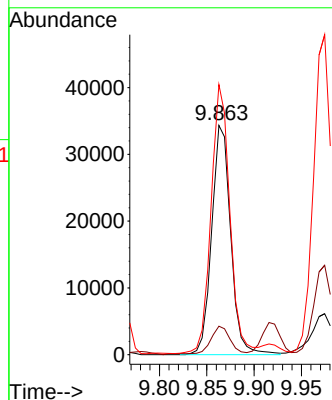
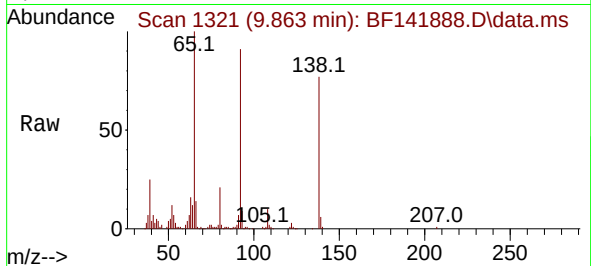




#53
3-Nitroaniline
Concen: 13.818 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

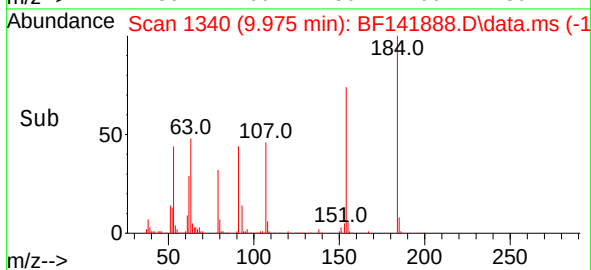
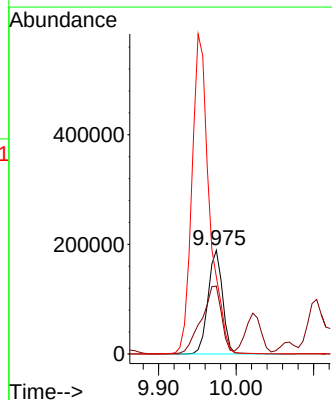
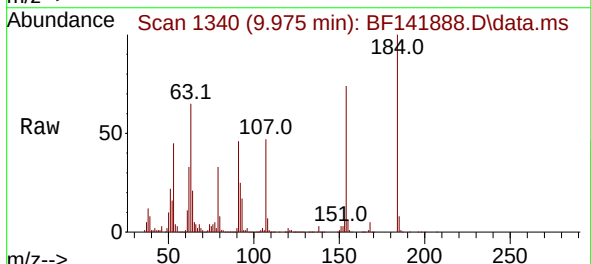
Instrument : BNA_F
ClientSampleId : IDW-SO-COMP-022825MSD

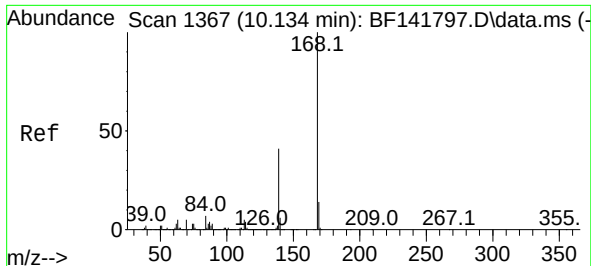
Tgt Ion:138 Resp: 47916
Ion Ratio Lower Upper
138 100
108 12.4 12.7 19.1#
92 117.8 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 118.427 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:184 Resp: 246319
Ion Ratio Lower Upper
184 100
63 65.4 79.0 118.6#
154 74.1 335.8 503.8#

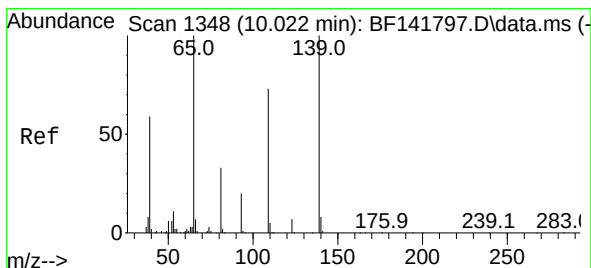
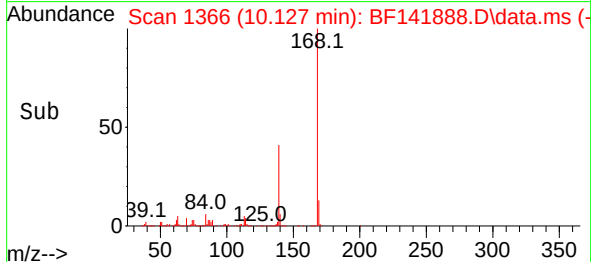
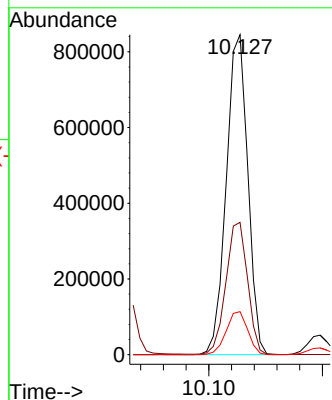
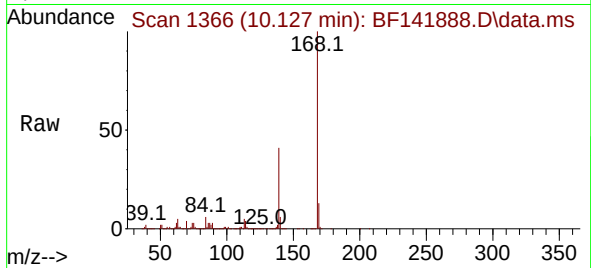




#55
Dibenzenofuran
Concen: 44.265 ng
RT: 10.127 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

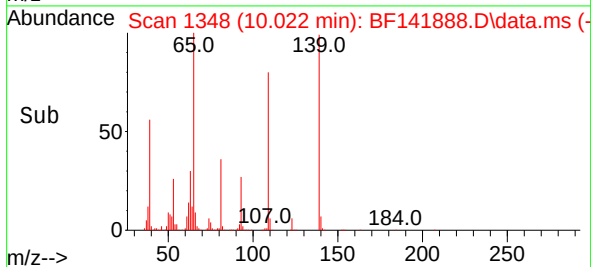
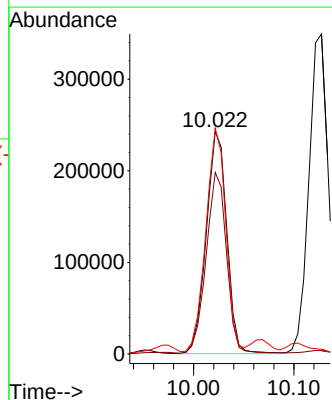
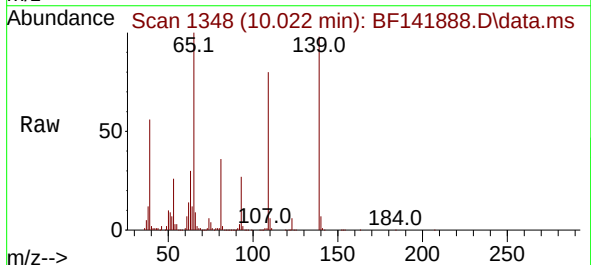
Instrument : BNA_F
ClientSampleId : IDW-SO-COMP-022825MSD

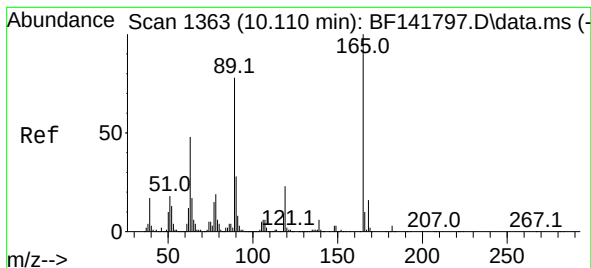
Tgt Ion:168 Resp: 1111678
Ion Ratio Lower Upper
168 100
139 41.3 32.9 49.3
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 115.329 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:139 Resp: 346309
Ion Ratio Lower Upper
139 100
109 81.6 53.4 93.4
65 101.6 82.1 122.1





#57

2,4-Dinitrotoluene

Concen: 59.902 ng

RT: 10.104 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF141888.D

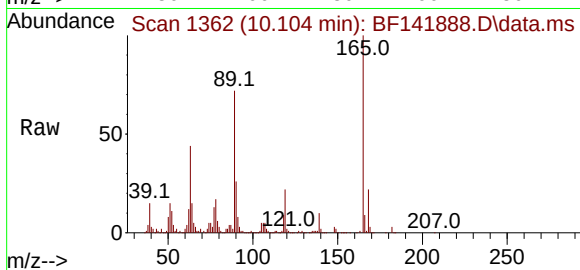
Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD



Tgt Ion:165 Resp: 289053

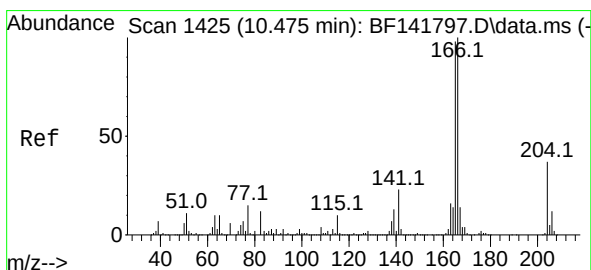
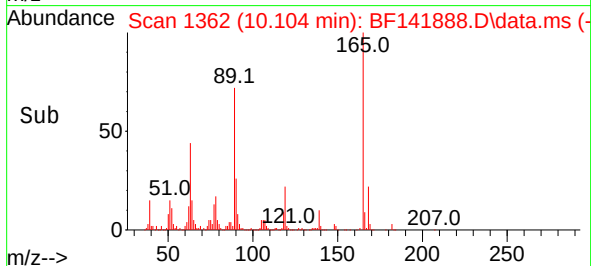
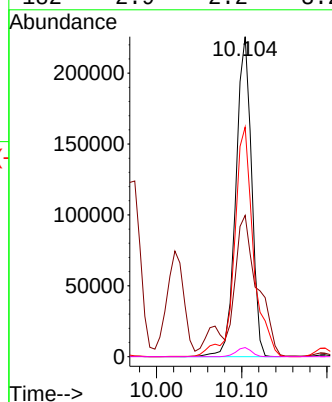
Ion Ratio Lower Upper

165 100

63 44.2 38.8 58.2

89 71.8 62.6 94.0

182 2.9 2.2 3.2



#58

Fluorene

Concen: 49.103 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

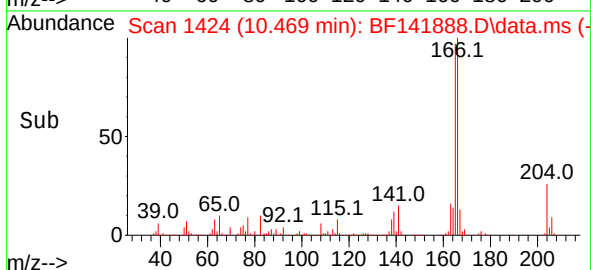
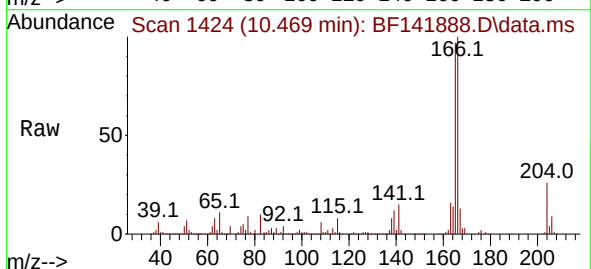
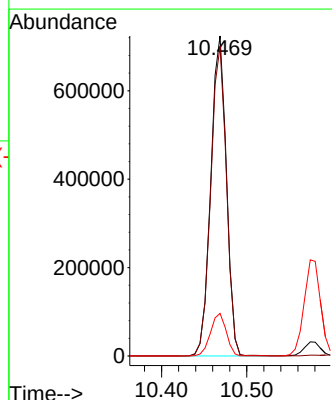
Tgt Ion:166 Resp: 923723

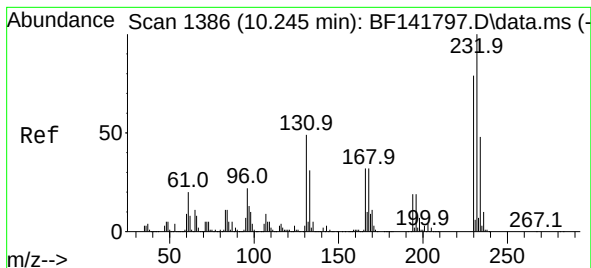
Ion Ratio Lower Upper

166 100

165 96.8 78.6 117.8

167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.169 ng

RT: 10.239 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF141888.D

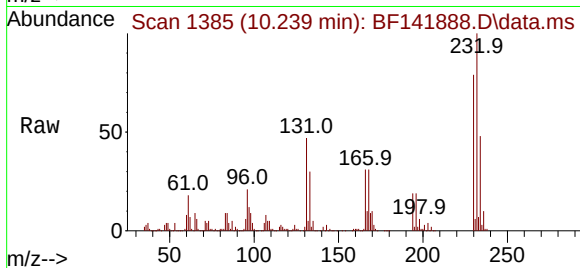
Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD



Tgt Ion:232 Resp: 259346

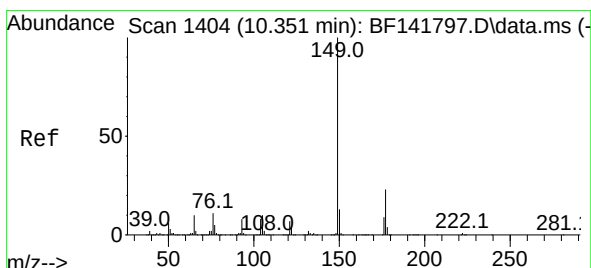
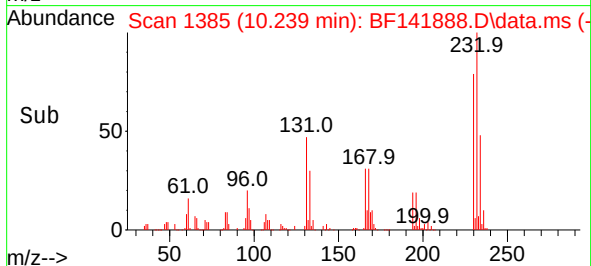
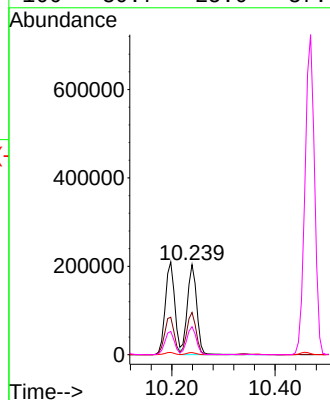
Ion Ratio Lower Upper

232 100

131 46.7 37.8 56.8

130 2.3 2.0 3.0

166 30.7 25.0 37.4



#60

Diethylphthalate

Concen: 48.017 ng

RT: 10.339 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

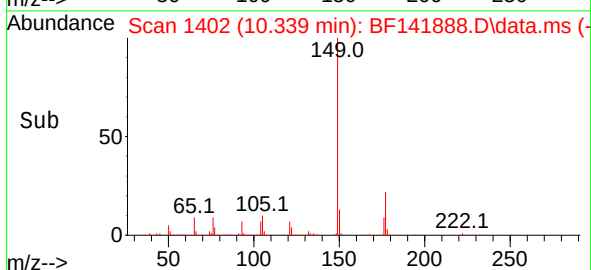
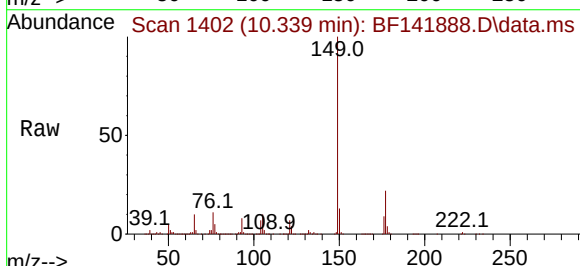
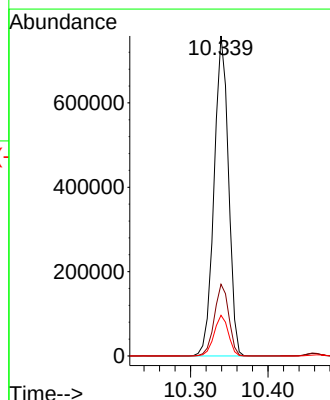
Tgt Ion:149 Resp: 978673

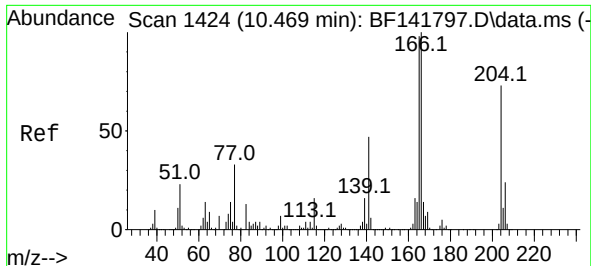
Ion Ratio Lower Upper

149 100

177 22.4 18.3 27.5

150 12.7 10.3 15.5





#61

4-Chlorophenyl-phenylether

Concen: 49.222 ng

RT: 10.457 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

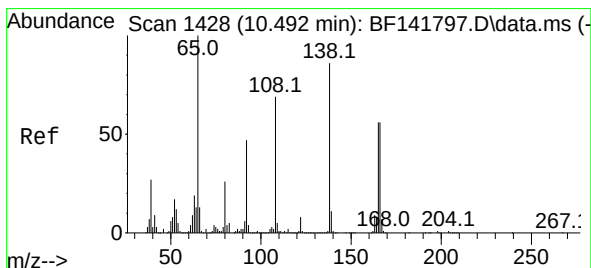
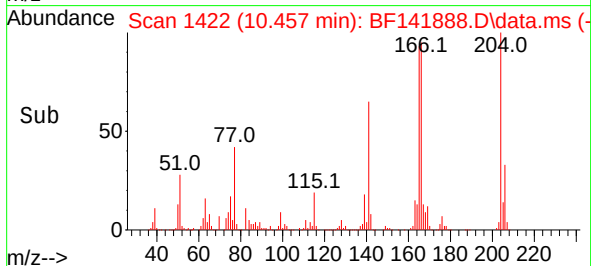
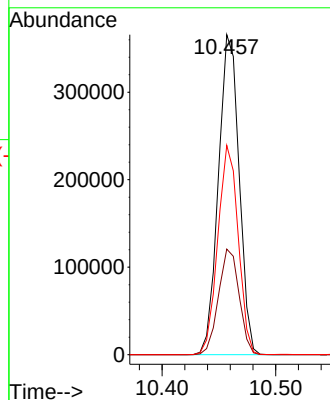
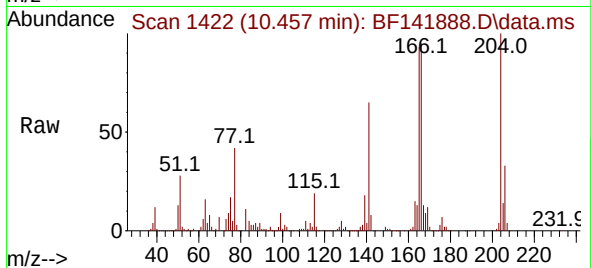
Tgt Ion:204 Resp: 463931

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.4

141 65.4 51.7 77.5



#62

4-Nitroaniline

Concen: 57.854 ng

RT: 10.480 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

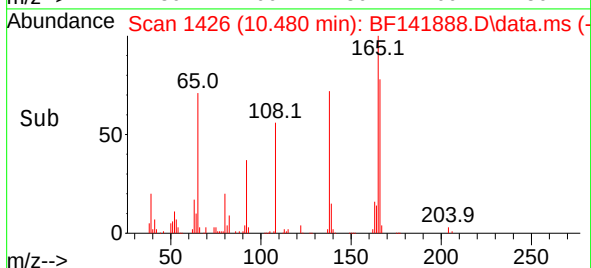
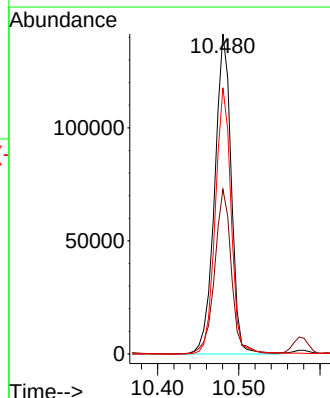
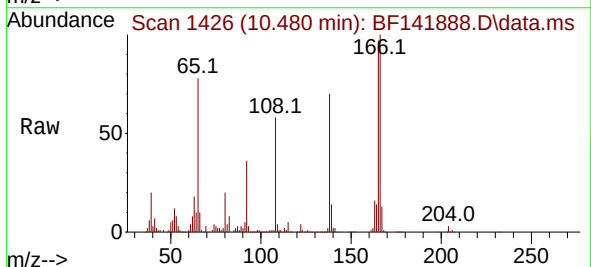
Tgt Ion:138 Resp: 200872

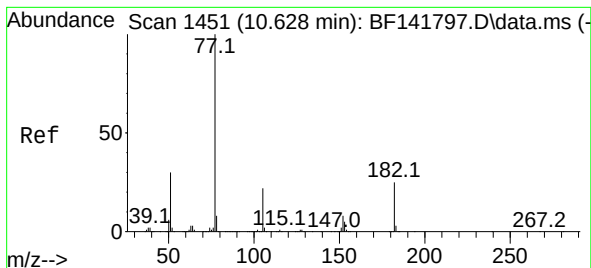
Ion Ratio Lower Upper

138 100

92 51.4 34.9 74.9

108 83.2 59.6 99.6

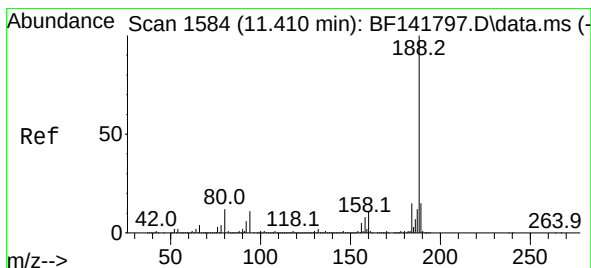
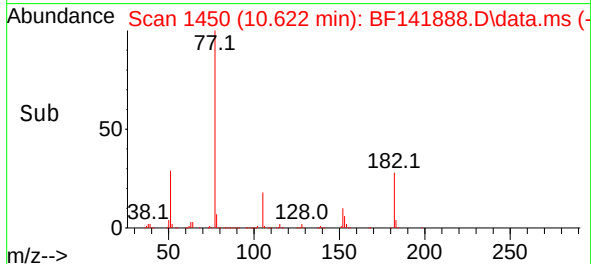
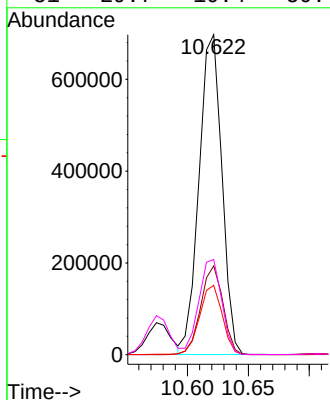
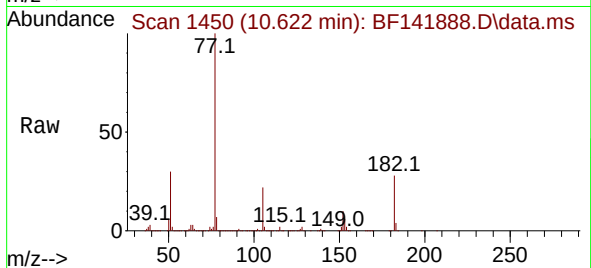




#63
Azobenzene
Concen: 42.378 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

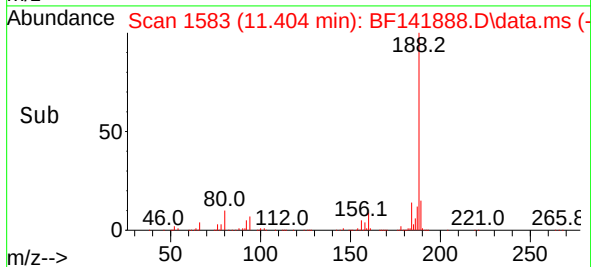
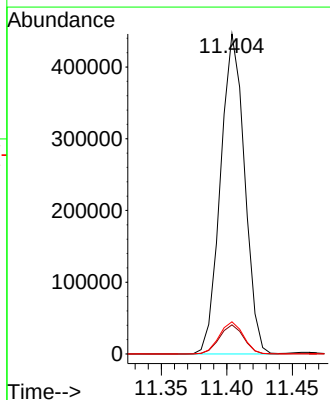
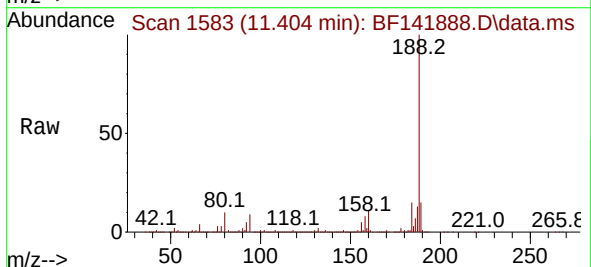
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

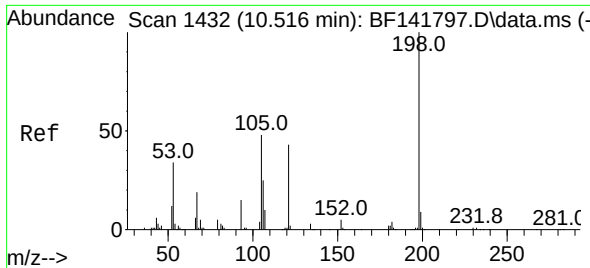
Tgt Ion:	77	Resp:	909432
Ion	Ratio	Lower	Upper
77	100		
182	27.8	4.2	44.2
105	21.7	1.5	41.5
51	29.7	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:	188	Resp:	568957
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.9	13.3
80	10.0	9.7	14.5

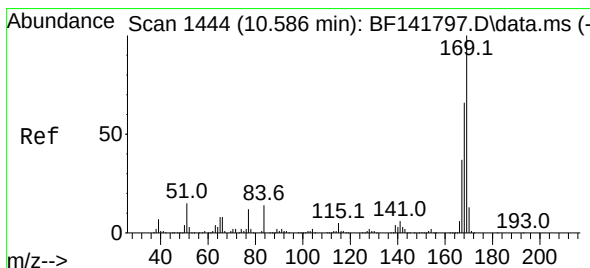
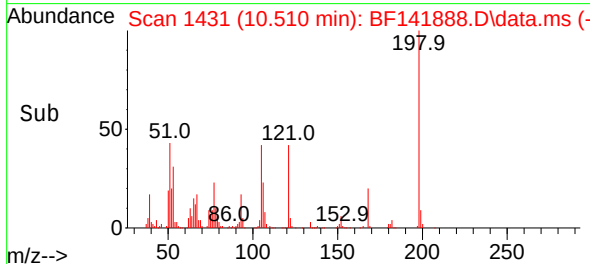
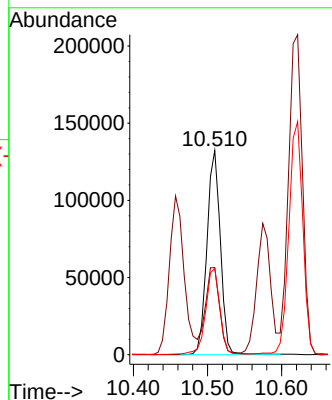
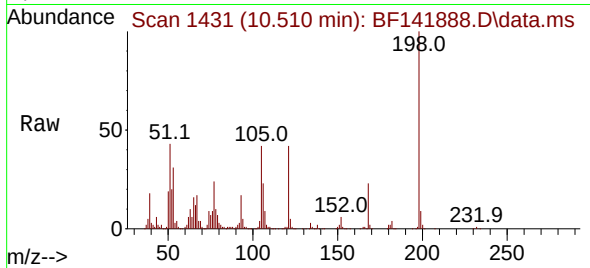




#65
4,6-Dinitro-2-methylphenol
Concen: 59.870 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

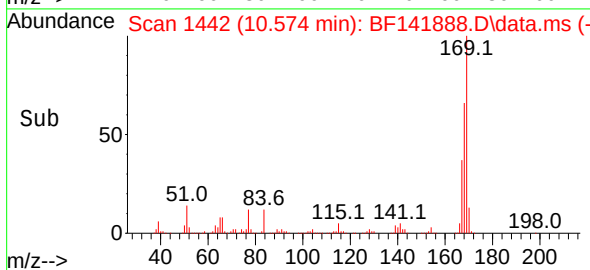
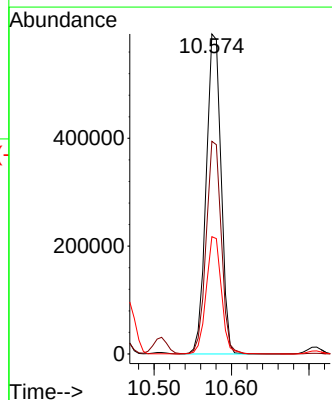
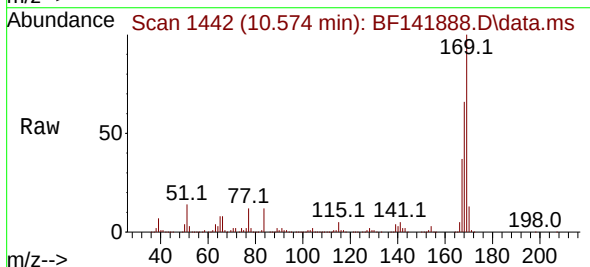
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

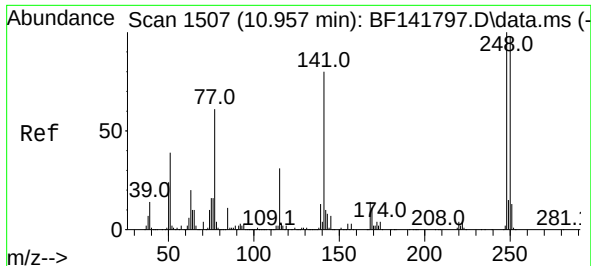
Tgt Ion:198 Resp: 166889
Ion Ratio Lower Upper
198 100
51 42.6 32.1 72.1
105 42.3 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 42.352 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:169 Resp: 791239
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.7 29.3 43.9

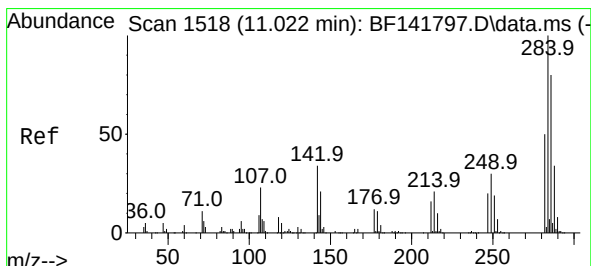
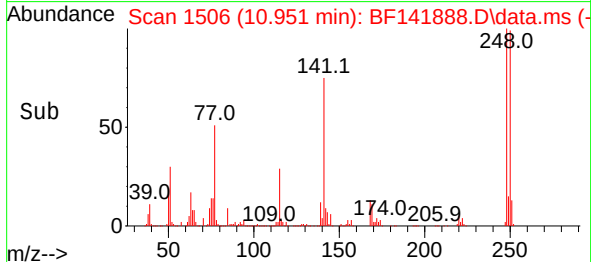
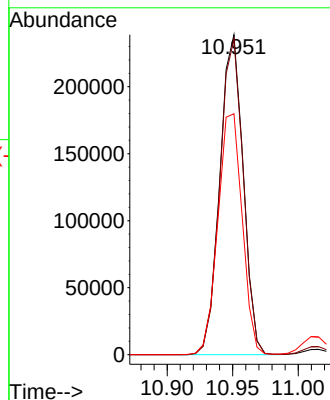
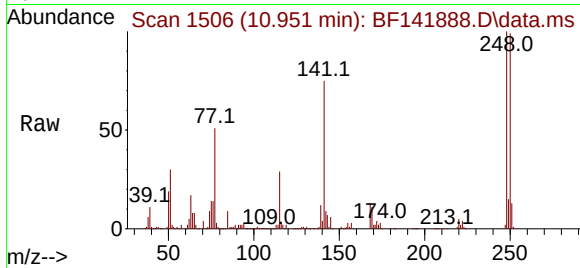




#67
4-Bromophenyl-phenylether
Concen: 44.559 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

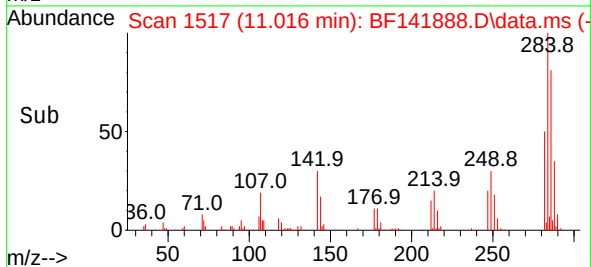
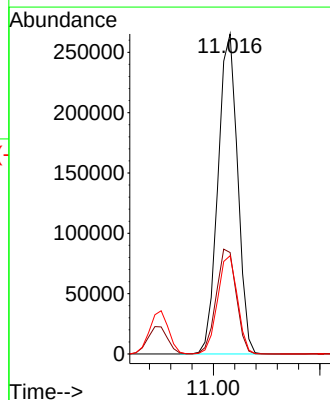
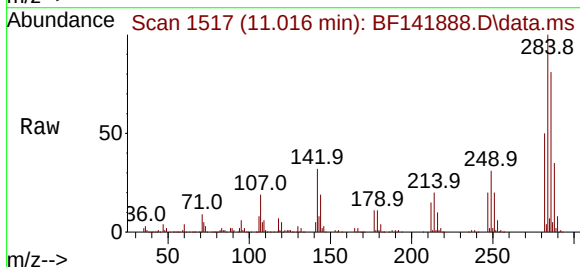
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

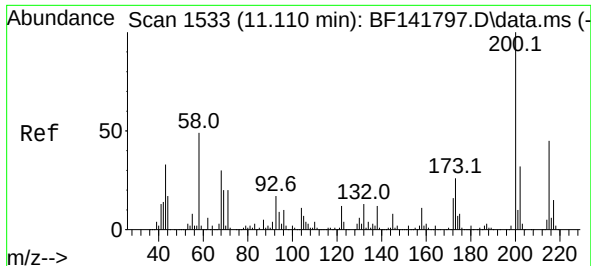
Tgt Ion:248 Resp: 296123
Ion Ratio Lower Upper
248 100
250 98.6 78.1 117.1
141 75.3 64.3 96.5



#68
Hexachlorobenzene
Concen: 48.255 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:284 Resp: 338633
Ion Ratio Lower Upper
284 100
142 31.7 28.2 42.2
249 30.7 25.5 38.3





#69

Atrazine

Concen: 58.090 ng

RT: 11.104 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

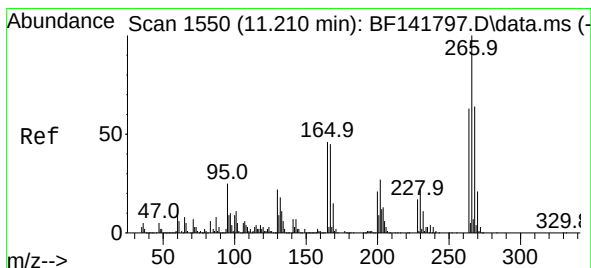
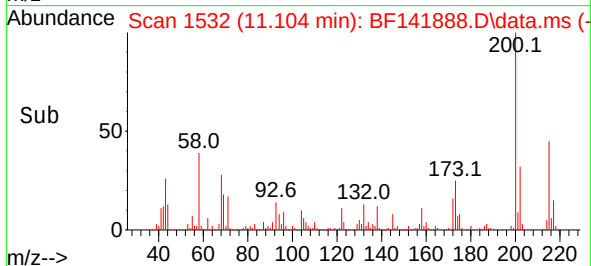
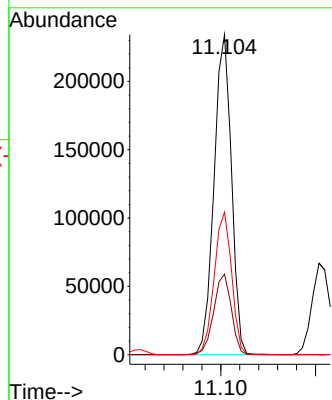
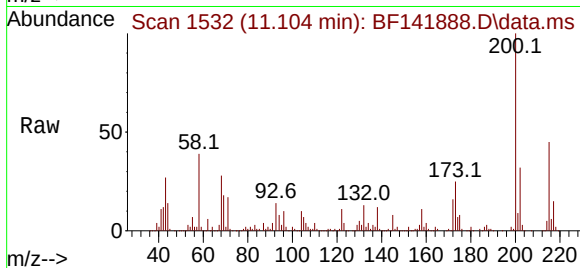
Tgt Ion:200 Resp: 298445

Ion Ratio Lower Upper

200 100

173 25.2 5.6 45.6

215 44.6 25.3 65.3



#70

Pentachlorophenol

Concen: 100.037 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

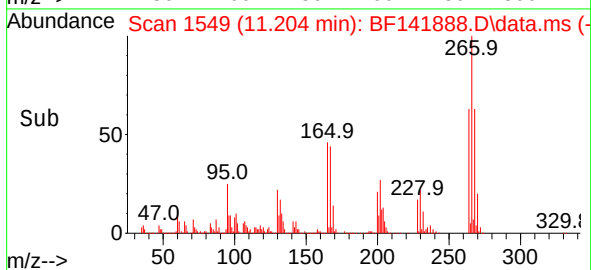
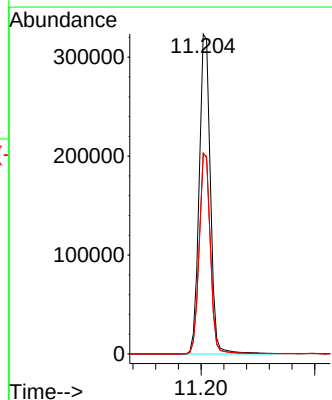
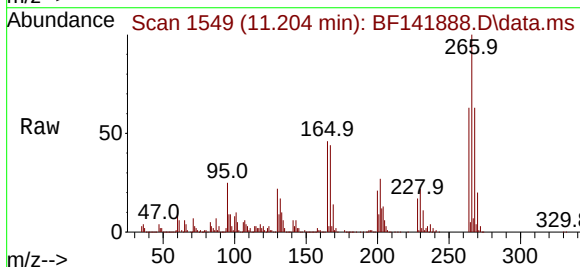
Tgt Ion:266 Resp: 445248

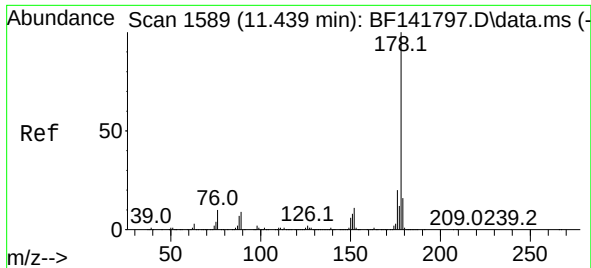
Ion Ratio Lower Upper

266 100

268 62.6 50.9 76.3

264 62.8 50.2 75.4

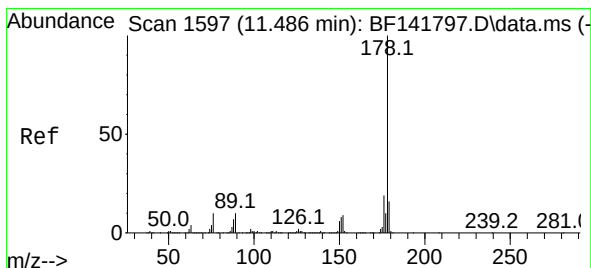
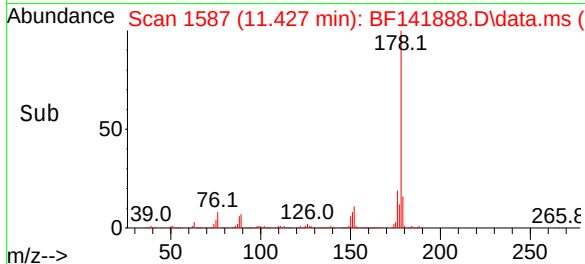
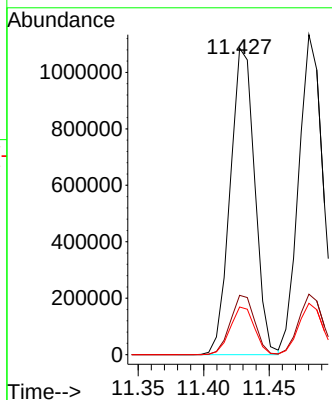
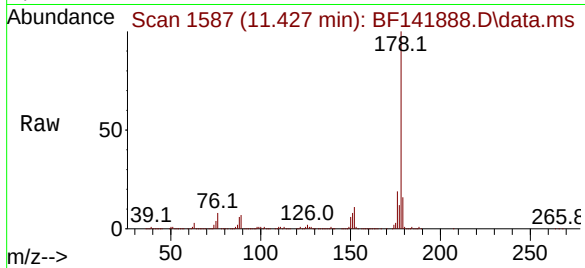




#71
Phenanthrene
Concen: 46.475 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

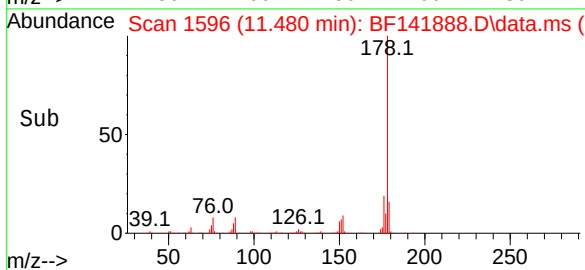
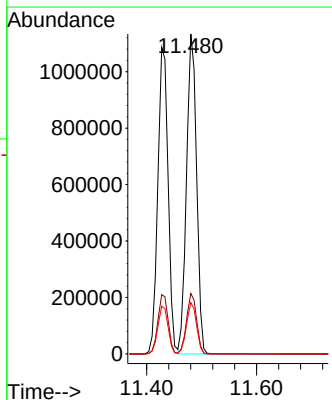
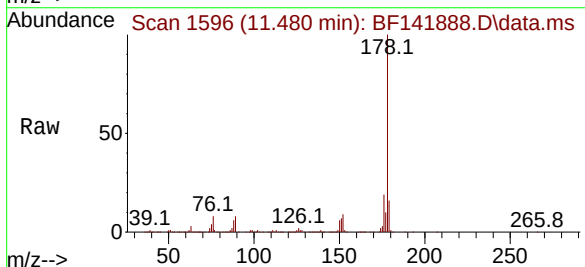
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

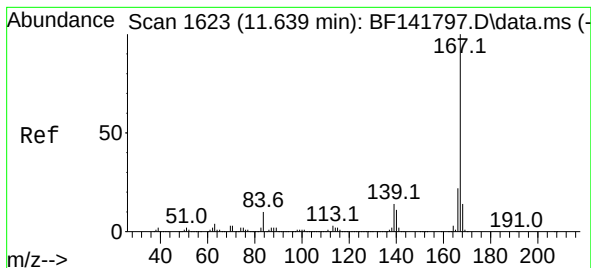
Tgt Ion:178 Resp: 1414386
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.6 12.6 19.0



#72
Anthracene
Concen: 47.268 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:178 Resp: 1441729
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 16.0 12.8 19.2





#73

Carbazole

Concen: 46.679 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141888.D

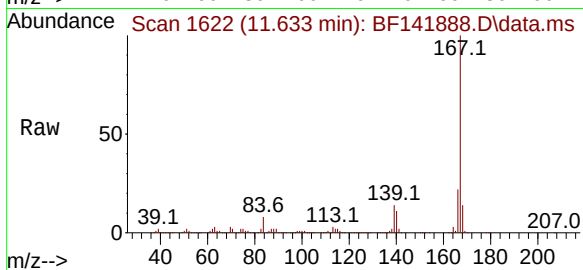
Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD



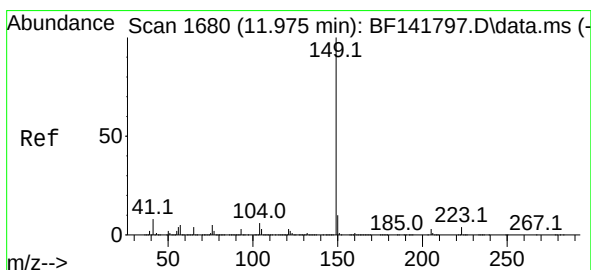
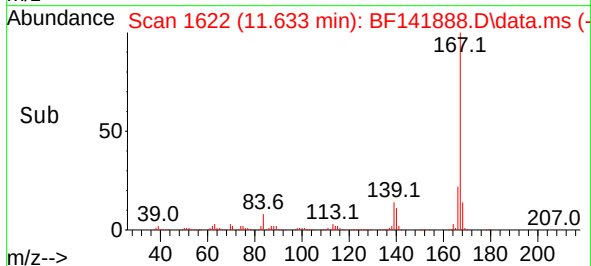
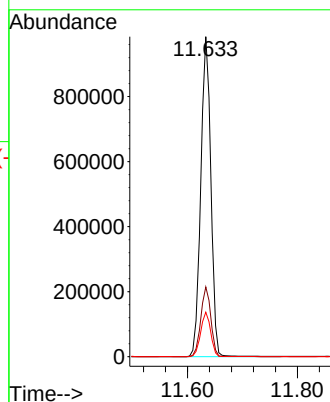
Tgt Ion:167 Resp: 1257282

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.9 11.3 16.9



#74

Di-n-butylphthalate

Concen: 43.590 ng

RT: 11.963 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

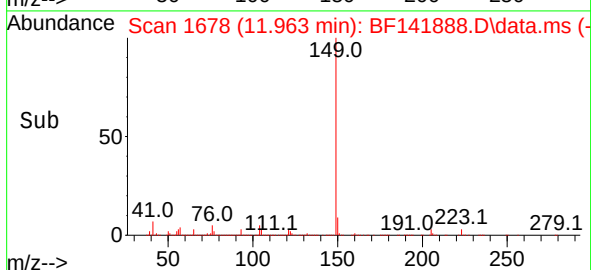
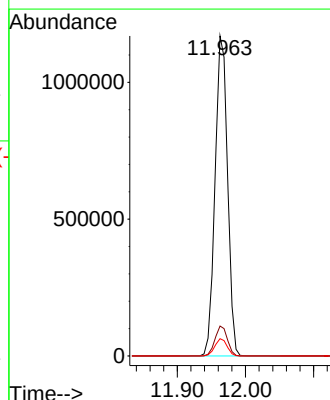
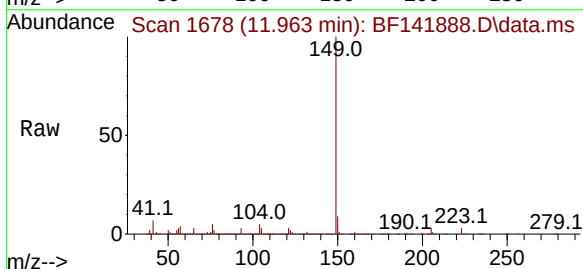
Tgt Ion:149 Resp: 1488257

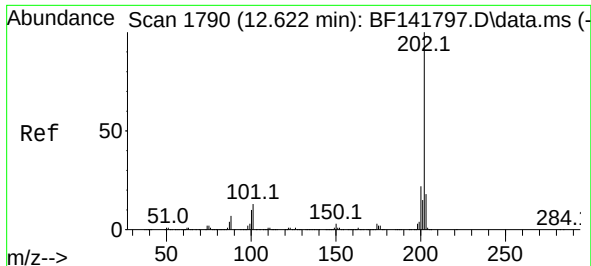
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 5.4 4.4 6.6

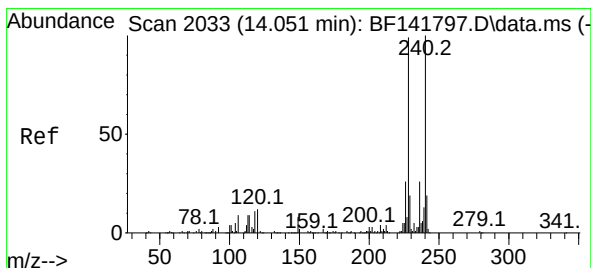
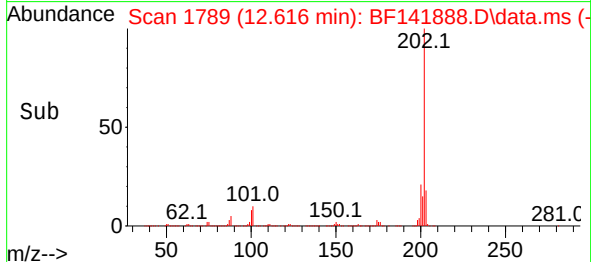
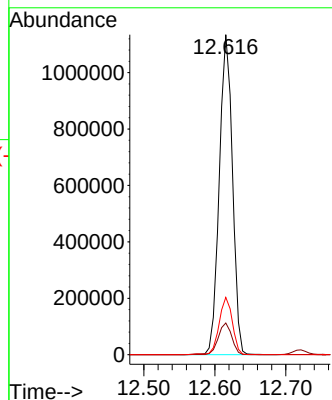
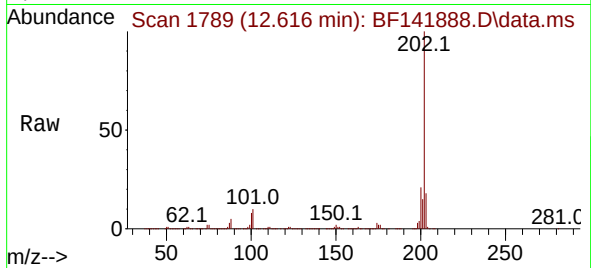




#75
Fluoranthene
Concen: 46.638 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

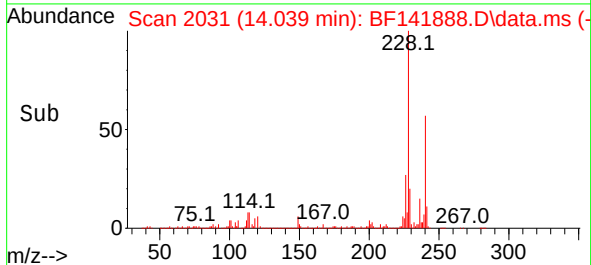
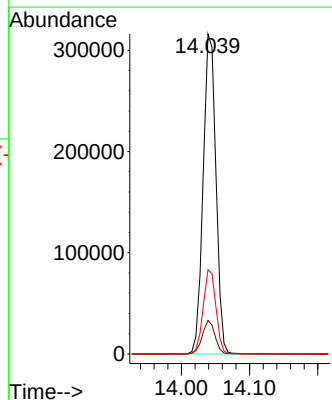
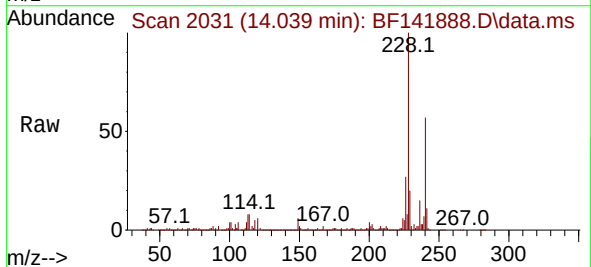
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

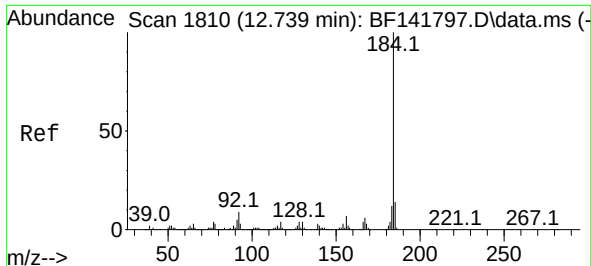
Tgt Ion:202 Resp: 1454377
Ion Ratio Lower Upper
202 100
101 9.9 0.0 32.8
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:240 Resp: 412687
Ion Ratio Lower Upper
240 100
120 10.5 9.7 14.5
236 26.3 21.0 31.4

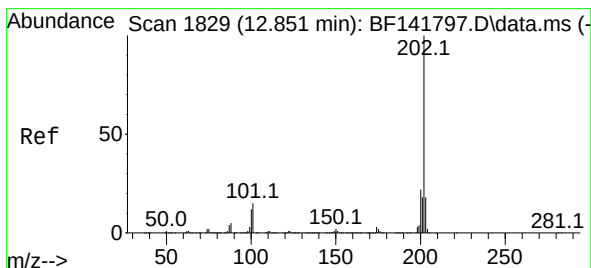
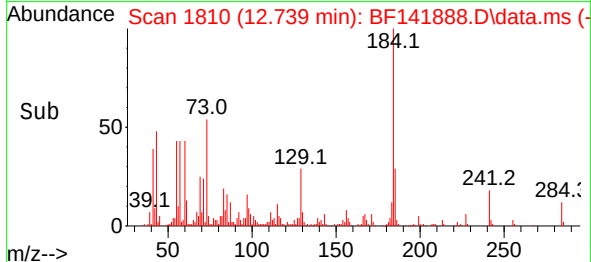
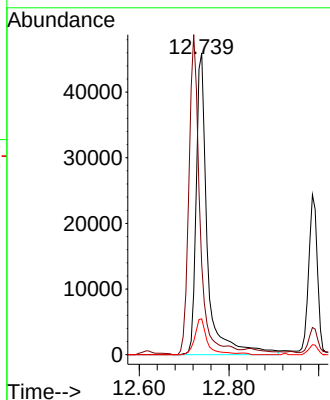
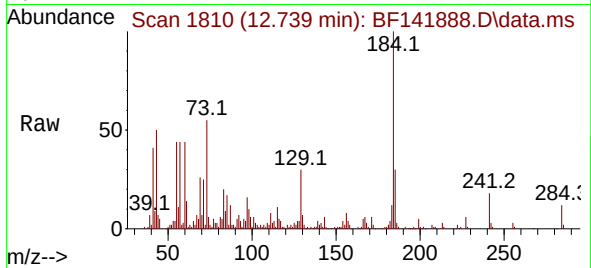




#77
Benzidine
Concen: 15.466 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

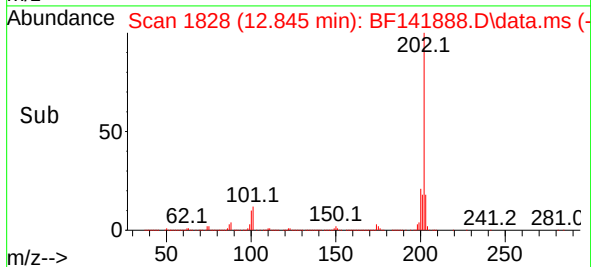
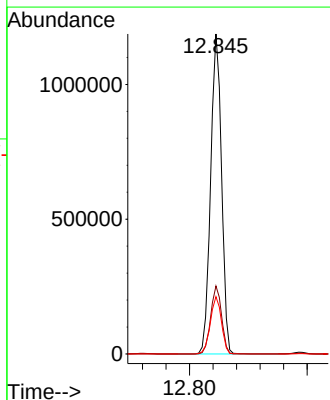
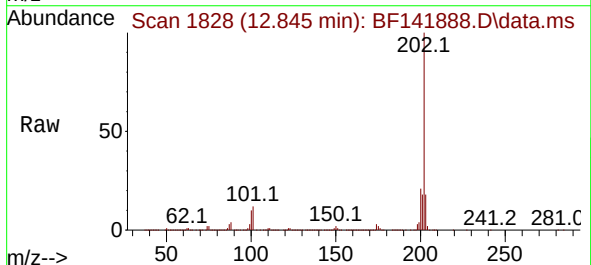
Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MSD

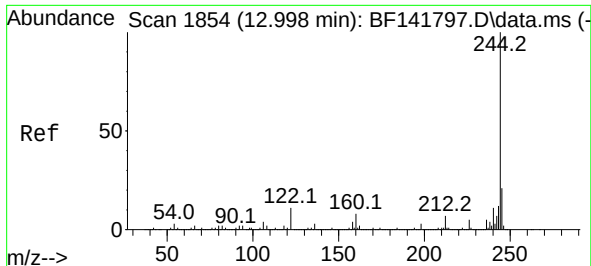
Tgt Ion:184 Resp: 80335
Ion Ratio Lower Upper
184 100
185 29.8 11.6 17.4#
183 11.9 9.4 14.0



#78
Pyrene
Concen: 42.820 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141888.D
Acq: 07 Mar 2025 11:59

Tgt Ion:202 Resp: 1530210
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.0
203 17.9 14.6 22.0





#79

Terphenyl-d14

Concen: 89.561 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

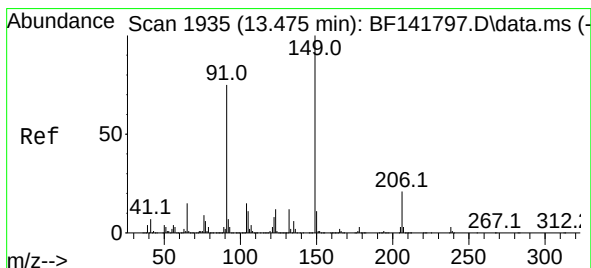
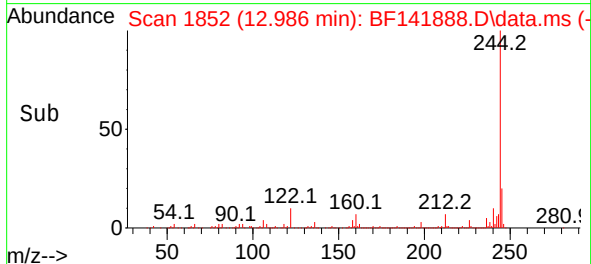
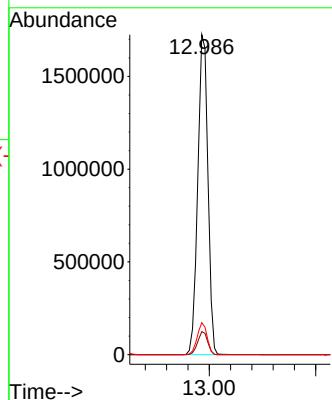
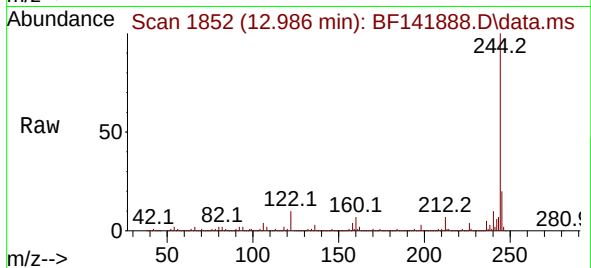
Tgt Ion:244 Resp: 2284451

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.0 9.0 13.6



#80

Butylbenzylphthalate

Concen: 46.619 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

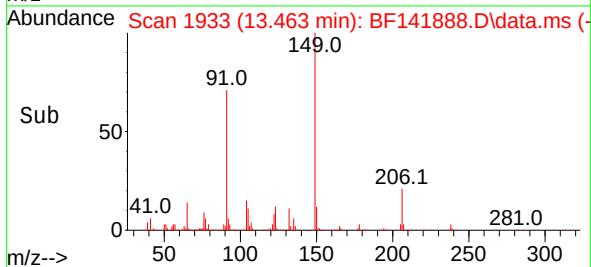
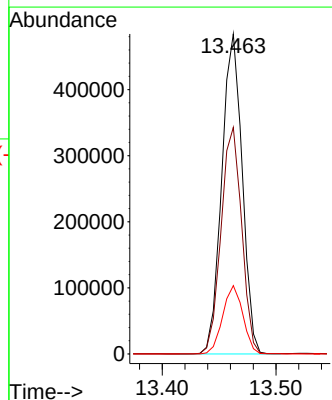
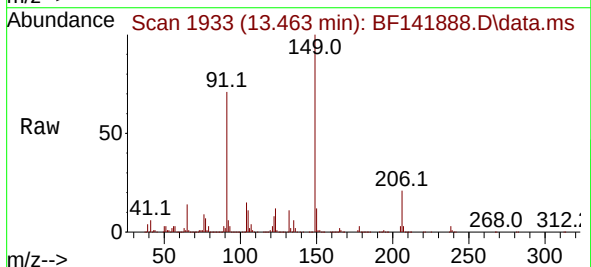
Tgt Ion:149 Resp: 605284

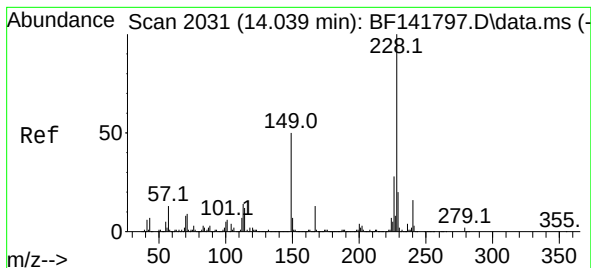
Ion Ratio Lower Upper

149 100

91 70.8 60.1 90.1

206 21.3 16.8 25.2





#81

Benzo(a)anthracene

Concen: 46.878 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

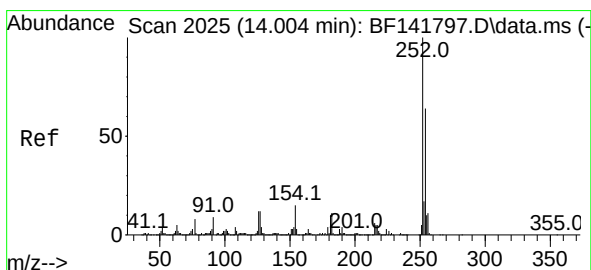
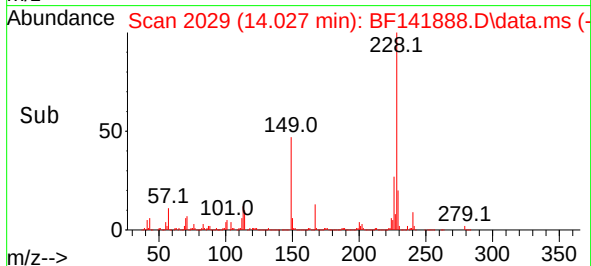
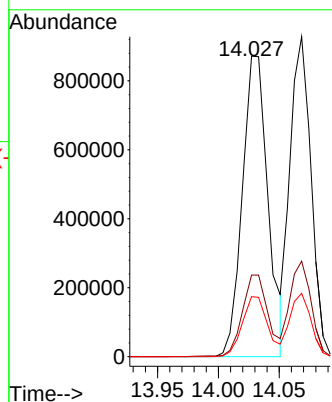
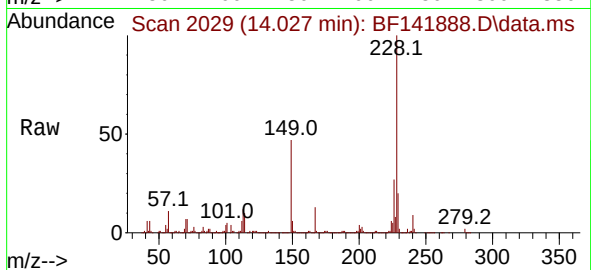
Tgt Ion:228 Resp: 1277832

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 20.757 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

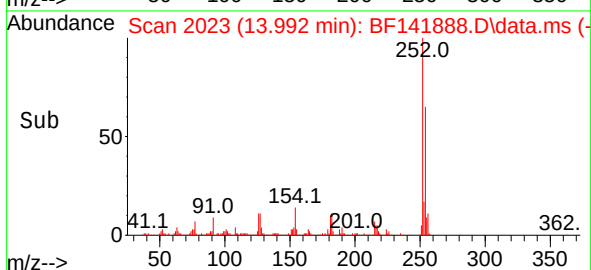
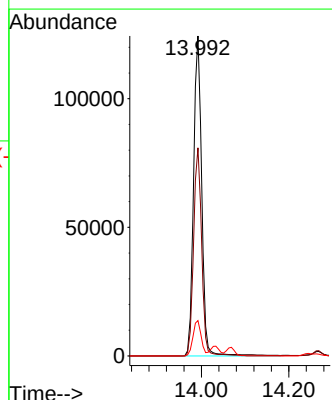
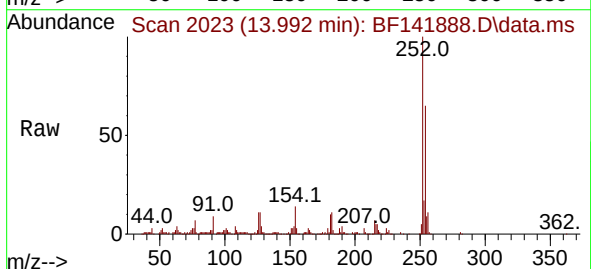
Tgt Ion:252 Resp: 162331

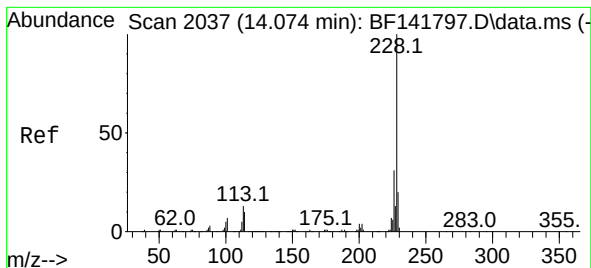
Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.0

126 11.0 9.8 14.6





#83

Chrysene

Concen: 44.612 ng

RT: 14.068 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

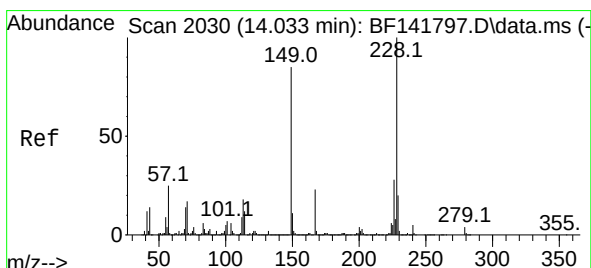
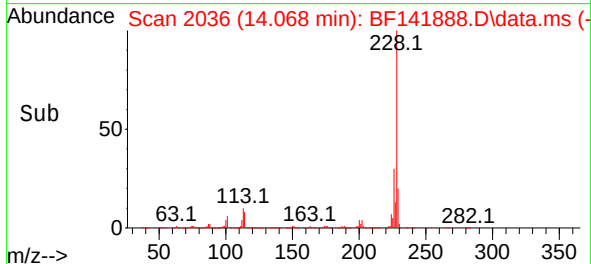
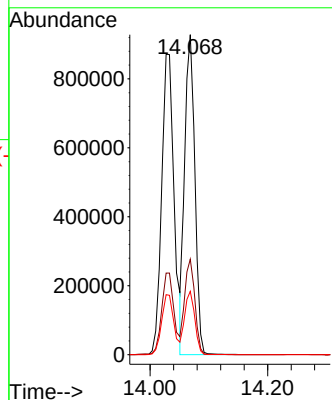
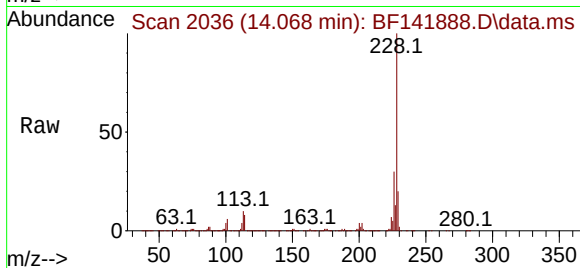
Tgt Ion:228 Resp: 1120992

Ion Ratio Lower Upper

228 100

226 29.9 24.6 37.0

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.528 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

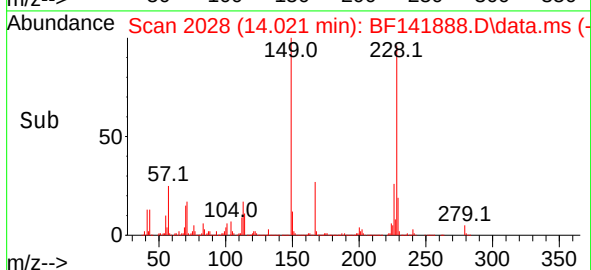
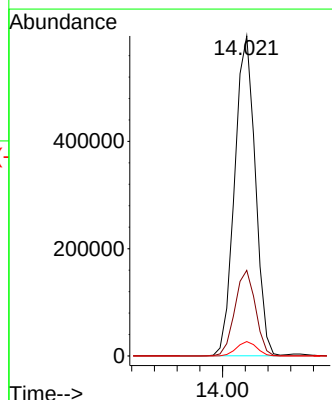
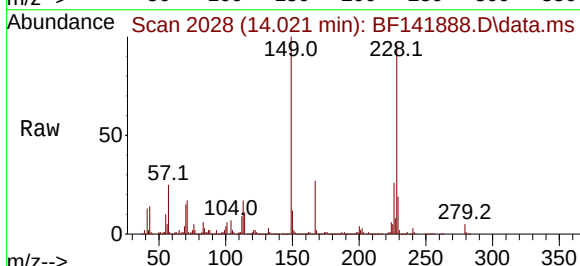
Tgt Ion:149 Resp: 752209

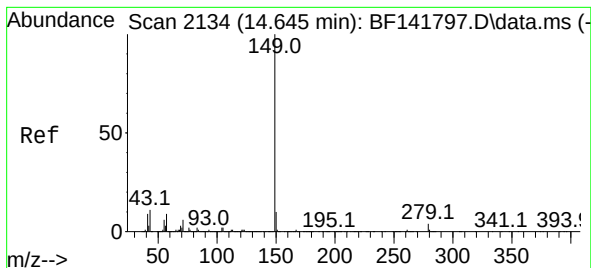
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.097 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

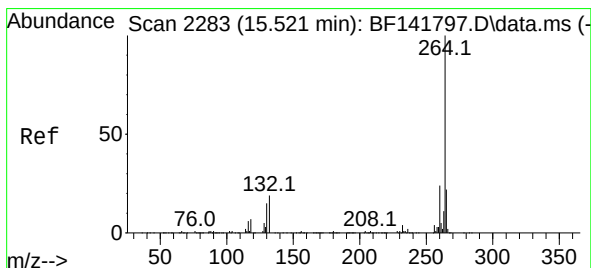
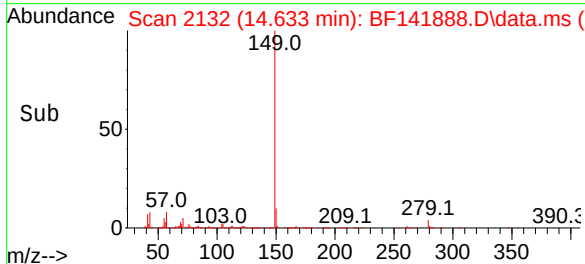
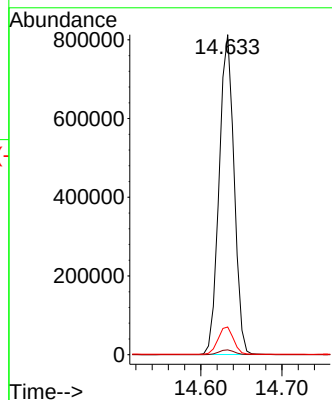
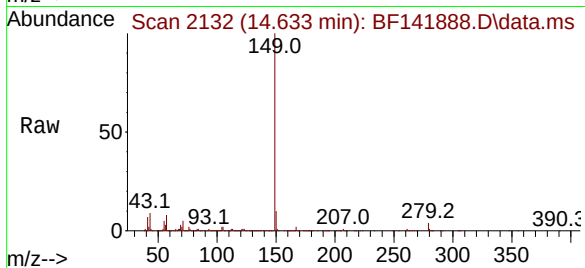
Tgt Ion:149 Resp: 1043087

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.8 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: BF141888.D

Acq: 07 Mar 2025 11:59

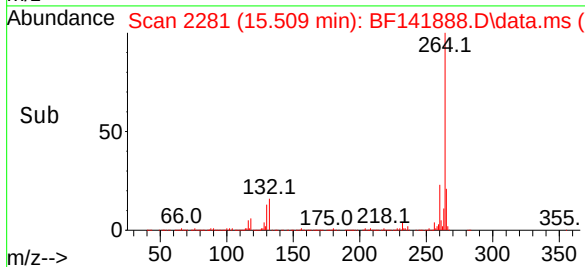
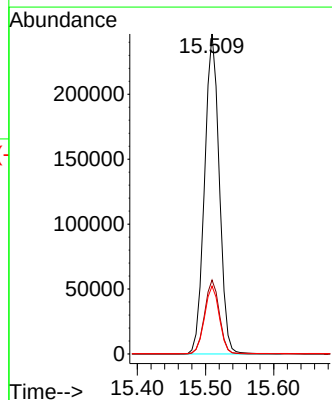
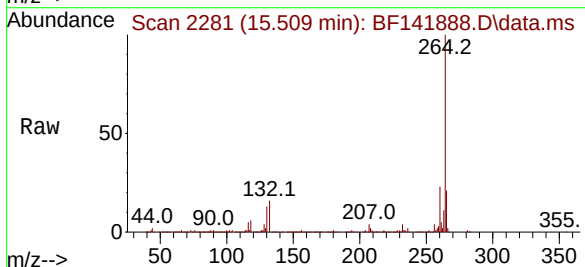
Tgt Ion:264 Resp: 369642

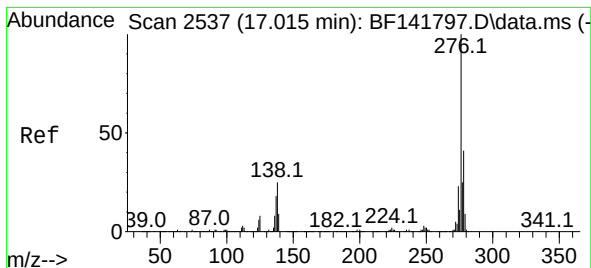
Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.351 ng

RT: 17.003 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

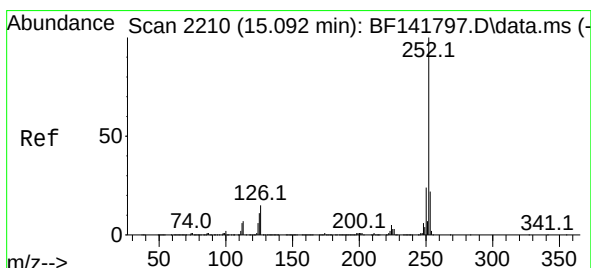
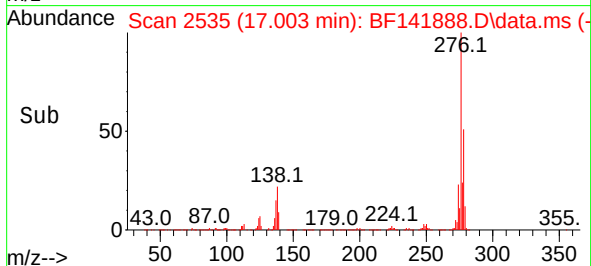
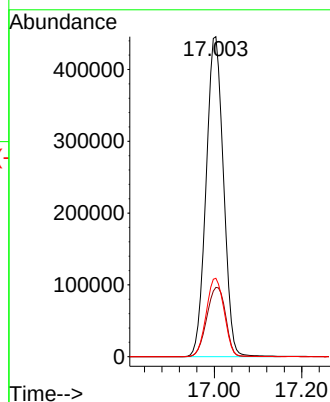
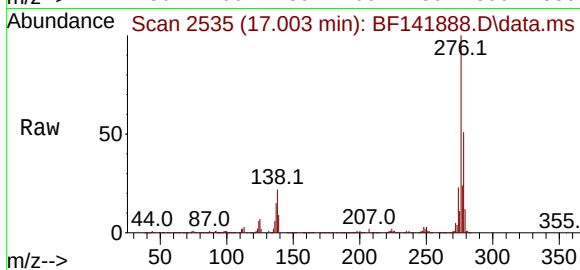
Tgt Ion:276 Resp: 1232228

Ion Ratio Lower Upper

276 100

138 23.5 22.5 33.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 37.779 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

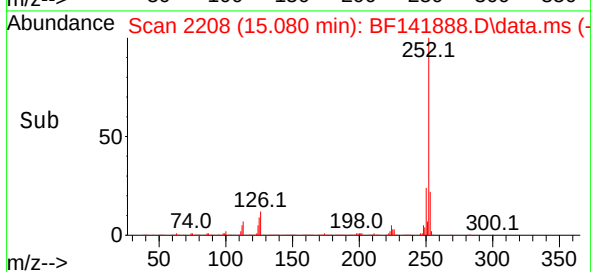
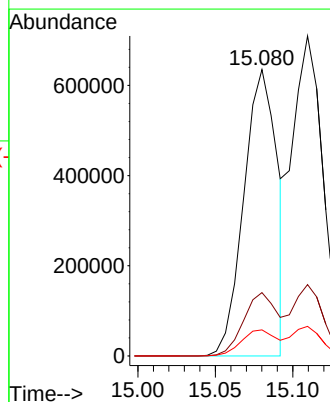
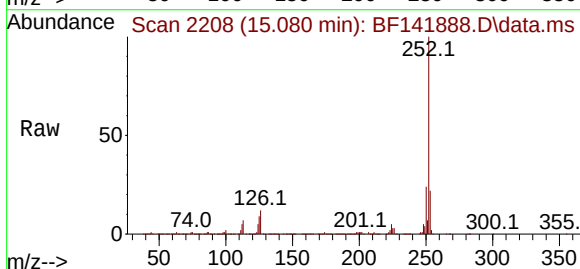
Tgt Ion:252 Resp: 951233

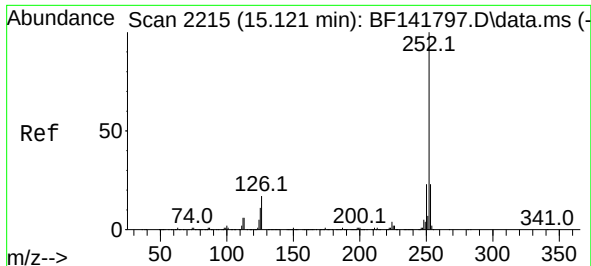
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.1 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 45.803 ng

RT: 15.109 min Scan# 2215

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

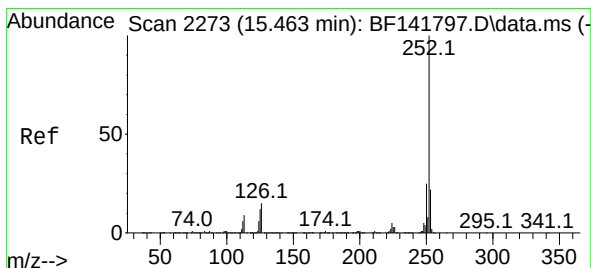
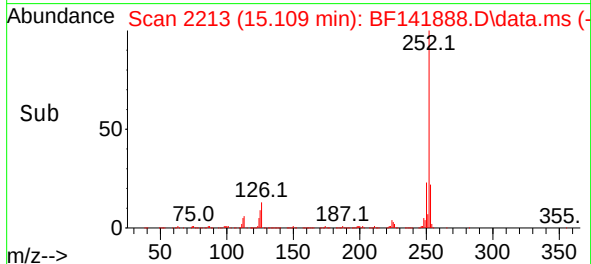
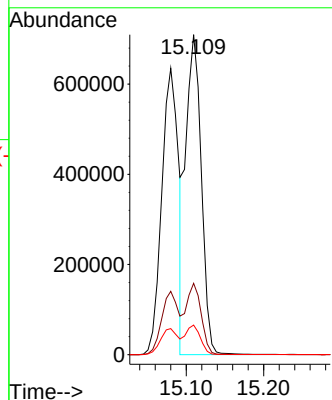
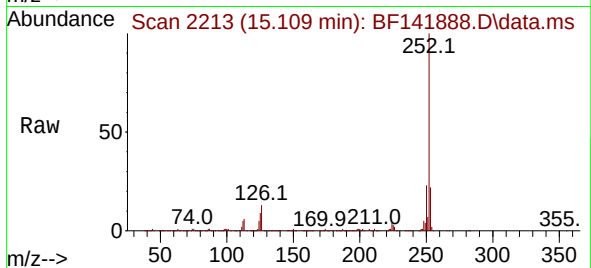
Tgt Ion:252 Resp: 980242

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.3 8.8 13.2



#90

Benzo(a)pyrene

Concen: 47.566 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

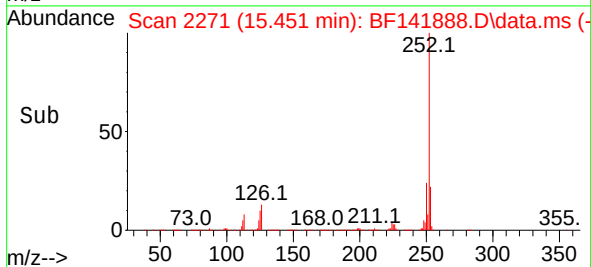
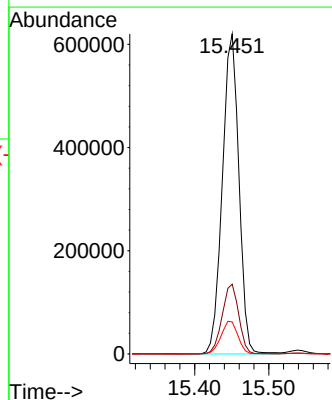
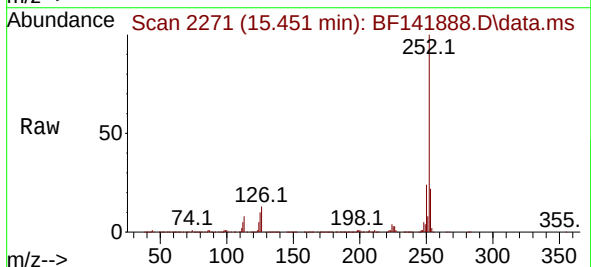
Tgt Ion:252 Resp: 960500

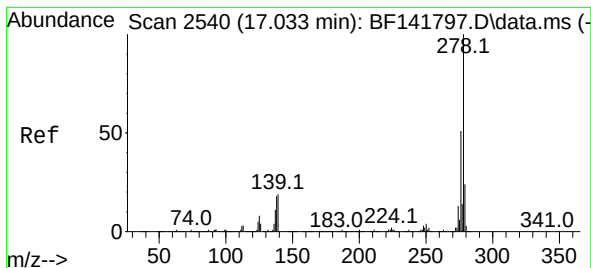
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 51.721 ng

RT: 17.021 min Scan# 2538

Delta R.T. -0.012 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Instrument :

BNA_F

ClientSampleId :

IDW-SO-COMP-022825MSD

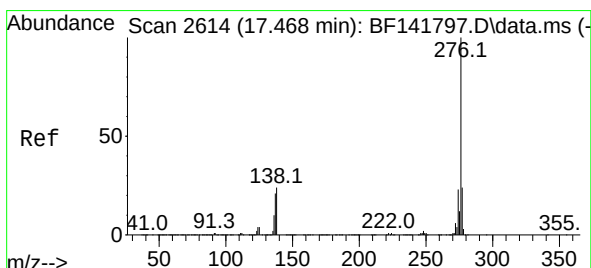
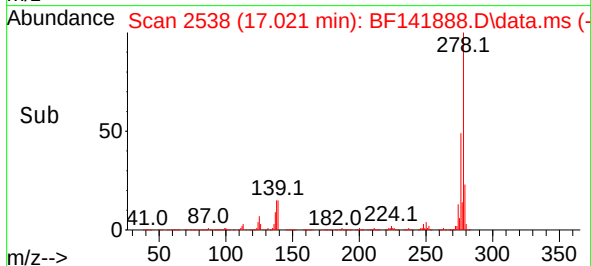
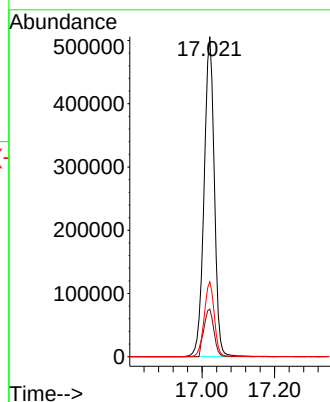
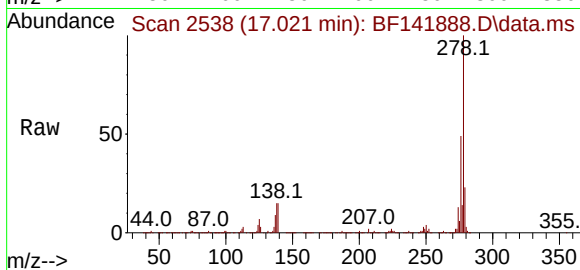
Tgt Ion:278 Resp: 993711

Ion Ratio Lower Upper

278 100

139 14.8 14.9 22.3#

279 23.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 49.156 ng

RT: 17.451 min Scan# 2611

Delta R.T. -0.018 min

Lab File: BF141888.D

Acq: 07 Mar 2025 11:59

Tgt Ion:276 Resp: 967540

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 20.1 19.3 28.9

