

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141747.D
 Acq On : 24 Feb 2025 16:38
 Operator : RC/JU
 Sample : Q1395-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BEL-25-0005MSD

Quant Time: Feb 24 16:59:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83746	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	332221	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	175907	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	268692	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	175624	20.000	ng	-0.02
86) Perylene-d12	15.386	264	195910	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	769057	143.969	ng	0.01
7) Phenol-d6	6.434	99	873294	129.346	ng	0.00
23) Nitrobenzene-d5	7.351	82	653102	102.536	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	258961	146.549	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1204711	105.512	ng	-0.01
79) Terphenyl-d14	12.886	244	1066198	102.487	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	100753	46.863	ng	# 80
3) Pyridine	3.410	79	214665	41.959	ng	94
4) n-Nitrosodimethylamine	3.322	42	142054	41.933	ng	90
6) Aniline	6.451	93	38937	6.148	ng	# 1
8) 2-Chlorophenol	6.575	128	276805	47.956	ng	99
9) Benzaldehyde	6.334	77	69963	19.500	ng	97
10) Phenol	6.451	94	925884	131.758	ng	# 73
11) bis(2-Chloroethyl)ether	6.522	93	255625	48.431	ng	99
12) 1,3-Dichlorobenzene	6.722	146	286636	47.038	ng	97
13) 1,4-Dichlorobenzene	6.798	146	286688	46.047	ng	99
14) 1,2-Dichlorobenzene	6.951	146	274104	47.436	ng	98
15) Benzyl Alcohol	6.939	79	240362	46.425	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	391352	43.314	ng	# 49
17) 2-Methylphenol	7.051	107	210990	46.711	ng	93
18) Hexachloroethane	7.292	117	109026	47.317	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	194502	48.161	ng	96
20) 3+4-Methylphenols	7.216	107	284647	49.587	ng	# 56
22) Acetophenone	7.192	105	430526	52.095	ng	# 89
24) Nitrobenzene	7.369	77	283944	45.716	ng	98
25) Isophorone	7.610	82	488333	48.083	ng	99
26) 2-Nitrophenol	7.681	139	148029	47.904	ng	96
27) 2,4-Dimethylphenol	7.728	122	222765	61.709	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	314866	48.383	ng	99
29) 2,4-Dichlorophenol	7.934	162	228369	46.821	ng	100
30) 1,2,4-Trichlorobenzene	8.004	180	247107	46.523	ng	100
31) Naphthalene	8.086	128	790282	45.699	ng	100
32) Benzoic acid	7.951	122	422511	112.680	ng	98
33) 4-Chloroaniline	8.145	127	44354m	7.346	ng	
34) Hexachlorobutadiene	8.198	225	151355	47.467	ng	100
35) Caprolactam	8.539	113	86831	58.470	ng	94
36) 4-Chloro-3-methylphenol	8.639	107	243305	45.033	ng	99
37) 2-Methylnaphthalene	8.775	142	505472	44.917	ng	100
38) 1-Methylnaphthalene	8.875	142	488066	44.780	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	277039	54.437	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	161487	49.096	ng	99
44) 2,4,5-Trichlorophenol	9.116	196	171207	48.028	ng	99

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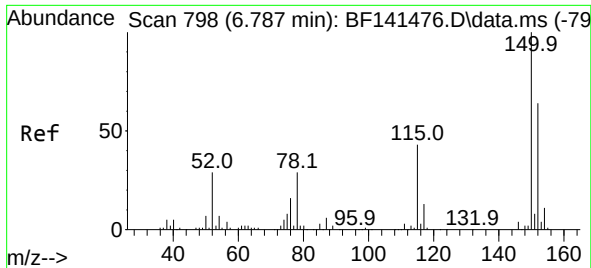
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.239	154	730892	53.593	ng	99
47) 2-Chloronaphthalene	9.263	162	493837	48.969	ng	100
48) 2-Nitroaniline	9.369	65	151325	44.712	ng	96
49) Acenaphthylene	9.680	152	732992	48.867	ng	100
50) Dimethylphthalate	9.539	163	583875	48.893	ng	99
51) 2,6-Dinitrotoluene	9.610	165	126631	48.507	ng	96
52) Acenaphthene	9.851	154	469989	46.606	ng	99
53) 3-Nitroaniline	9.780	138	174296m	62.032	ng	
54) 2,4-Dinitrophenol	9.898	184	152396	98.223	ng	89
55) Dibenzofuran	10.022	168	668621	45.172	ng	94
56) 4-Nitrophenol	9.998	139	67961m	32.583	ng	
57) 2,4-Dinitrotoluene	10.016	165	165196	47.534	ng	# 92
58) Fluorene	10.363	166	540442	47.222	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	144070	46.943	ng	# 94
60) Diethylphthalate	10.239	149	539310	45.901	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	265367	48.197	ng	97
62) 4-Nitroaniline	10.392	138	111672	39.141	ng	99
63) Azobenzene	10.516	77	516547	44.223	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	95558	51.197	ng	97
66) n-Nitrosodiphenylamine	10.475	169	462032	53.718	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	159048	52.963	ng	99
68) Hexachlorobenzene	10.910	284	165000	53.359	ng	98
69) Atrazine	11.004	200	100671	39.015	ng	98
70) Pentachlorophenol	11.116	266	182272	92.184	ng	99
71) Phenanthrene	11.327	178	739667	50.010	ng	100
72) Anthracene	11.380	178	761538	51.221	ng	100
73) Carbazole	11.539	167	608730	45.503	ng	99
74) Di-n-butylphthalate	11.863	149	747931	48.419	ng	100
75) Fluoranthene	12.516	202	672632	42.896	ng	99
77) Benzidine	12.645	184	68080	17.577	ng	97
78) Pyrene	12.739	202	671281	44.901	ng	100
80) Butylbenzylphthalate	13.357	149	259680	50.147	ng	99
81) Benzo(a)anthracene	13.933	228	605224	51.842	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	116191	34.744	ng	99
83) Chrysene	13.968	228	534786	49.612	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	340420	58.287	ng	99
85) Di-n-octyl phthalate	14.527	149	605276	72.646	ng	100
87) Indeno(1,2,3-cd)pyrene	16.821	276	628141	51.891	ng	99
88) Benzo(b)fluoranthene	14.968	252	566739	43.084	ng	99
89) Benzo(k)fluoranthene	14.998	252	573038	51.015	ng	98
90) Benzo(a)pyrene	15.327	252	553726	52.022	ng	98
91) Dibenzo(a,h)anthracene	16.833	278	514016	52.405	ng	99
92) Benzo(g,h,i)perylene	17.251	276	469435	45.735	ng	100

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

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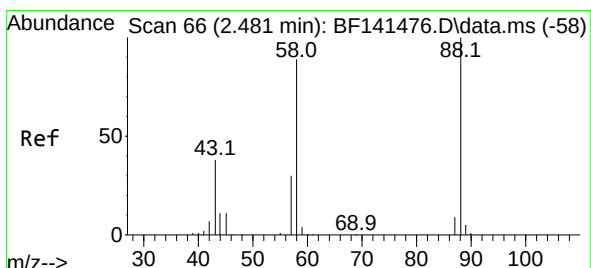
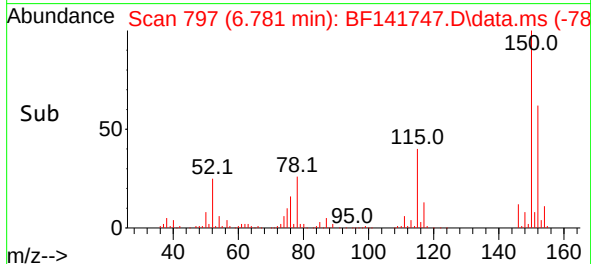
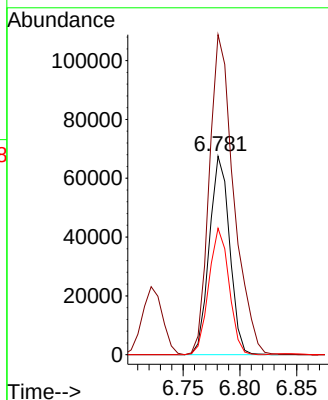
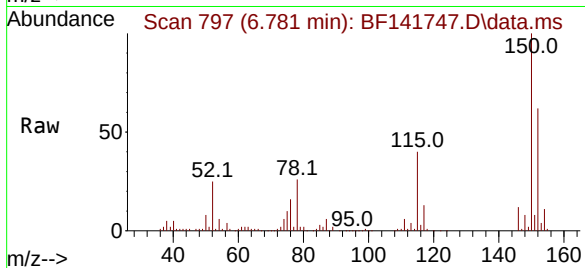




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

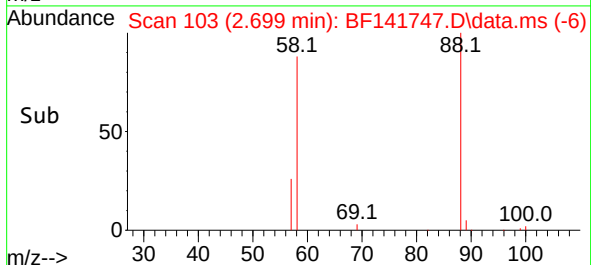
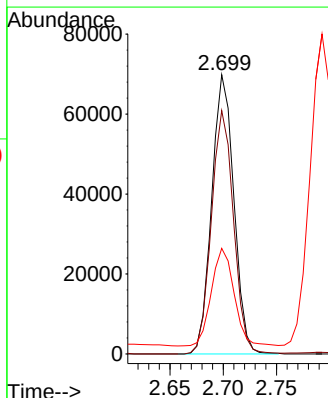
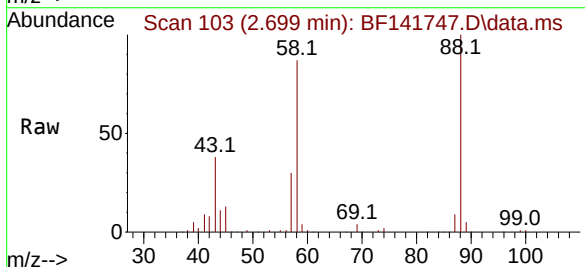
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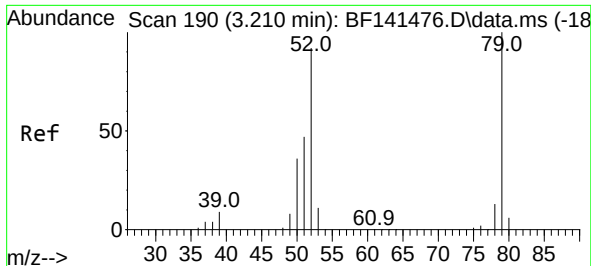
Tgt Ion:152 Resp: 83746
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.0 187.4
 115 63.7 53.6 80.4



#2
 1,4-Dioxane
 Concen: 46.863 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.218 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

Tgt Ion: 88 Resp: 100753
 Ion Ratio Lower Upper
 88 100
 58 87.4 71.1 106.7
 43 0.0 30.6 46.0#





#3

Pyridine

Concen: 41.959 ng

RT: 3.410 min Scan# 210

Delta R.T. 0.194 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

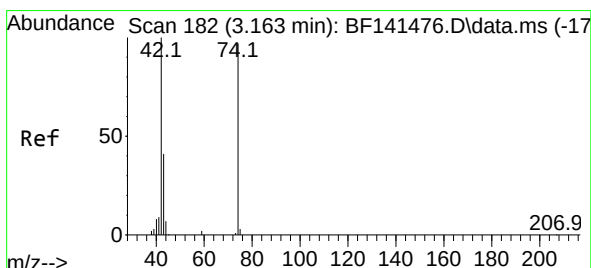
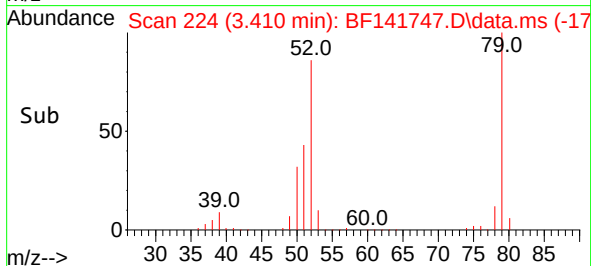
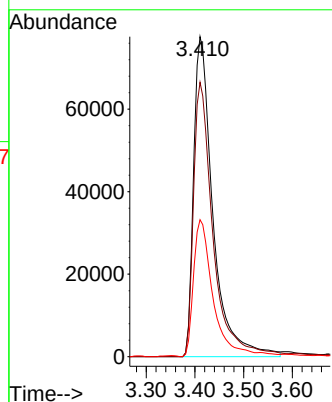
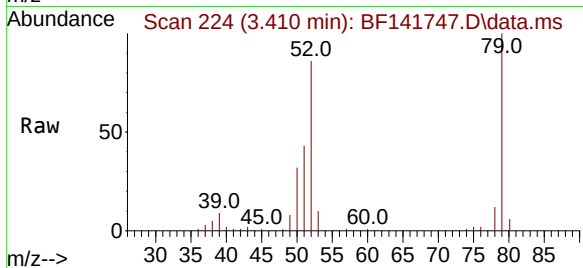
Tgt Ion: 79 Resp: 214665

Ion Ratio Lower Upper

79 100

52 85.8 73.7 110.5

51 42.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.933 ng

RT: 3.322 min Scan# 209

Delta R.T. 0.135 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

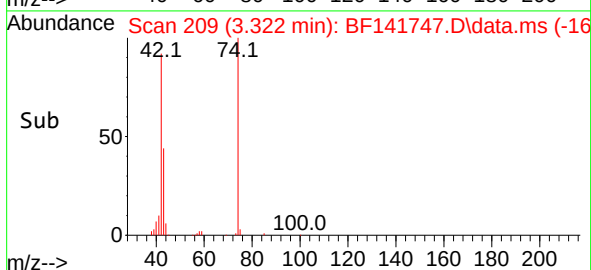
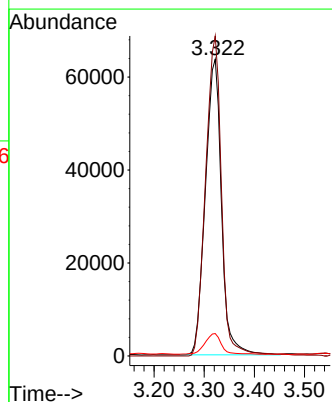
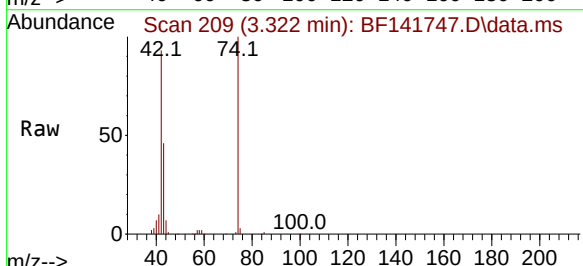
Tgt Ion: 42 Resp: 142054

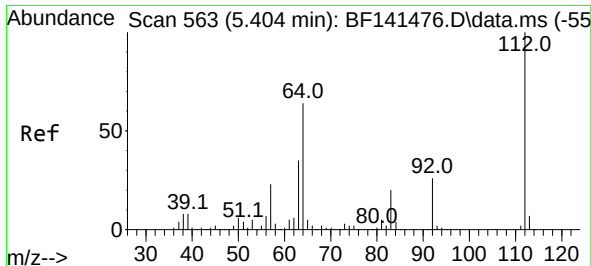
Ion Ratio Lower Upper

42 100

74 107.8 78.0 117.0

44 7.5 5.4 8.2

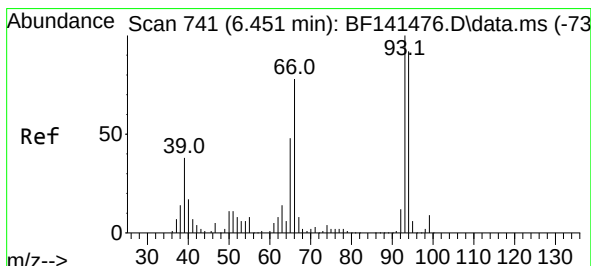
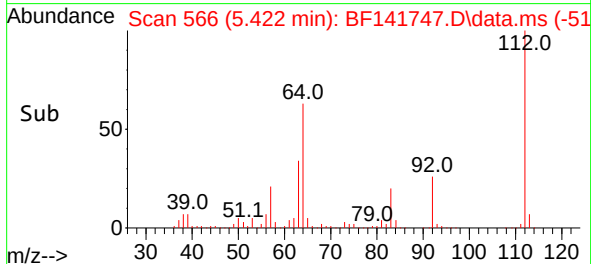
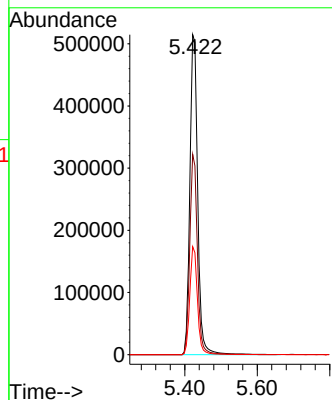
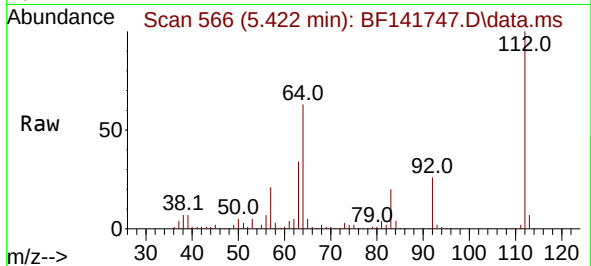




#5
2-Fluorophenol
Concen: 143.969 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

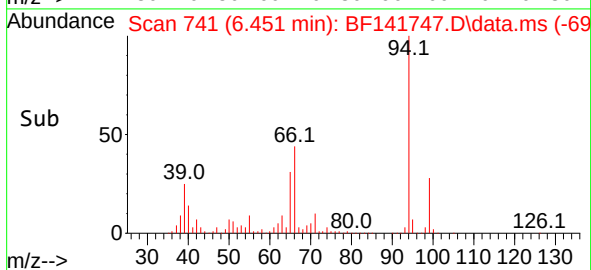
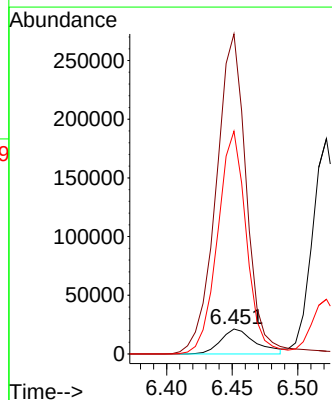
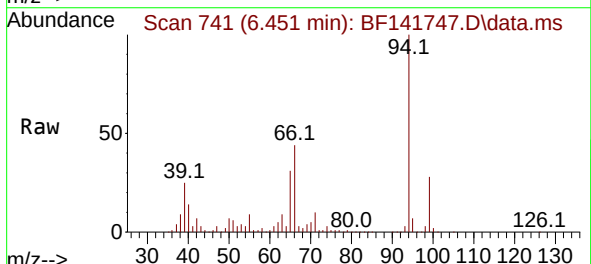
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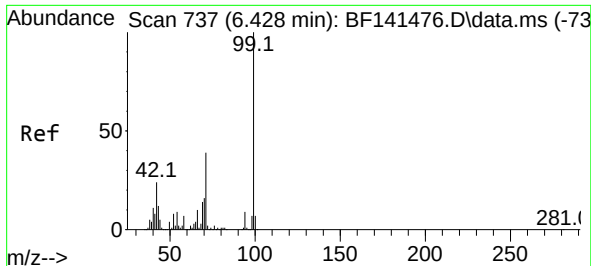
Tgt Ion:112 Resp: 769057
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 33.8 28.4 42.6



#6
Aniline
Concen: 6.148 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion: 93 Resp: 38937
Ion Ratio Lower Upper
93 100
66 1280.2 62.6 94.0#
65 891.4 38.3 57.5#

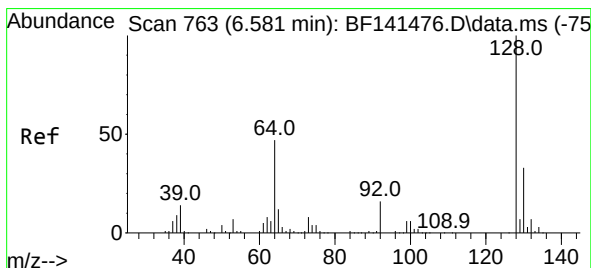
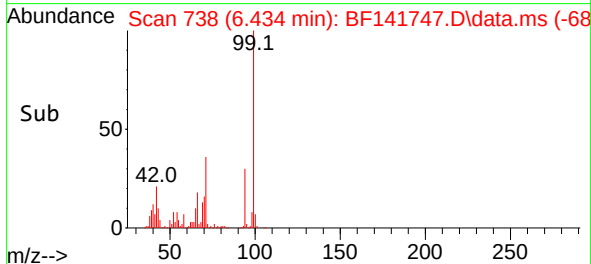
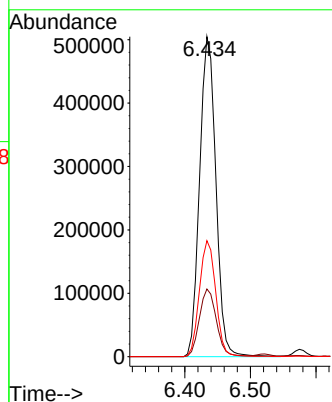
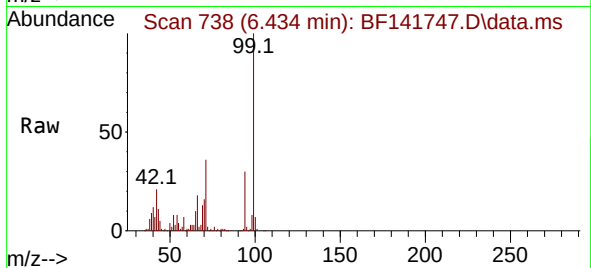




#7
Phenol-d6
Concen: 129.346 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

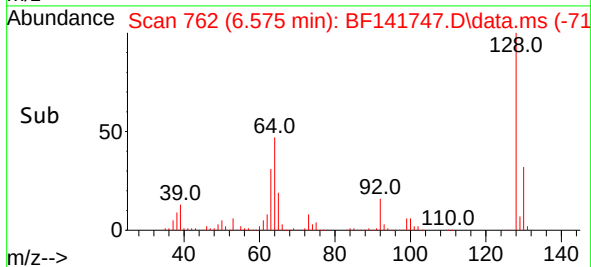
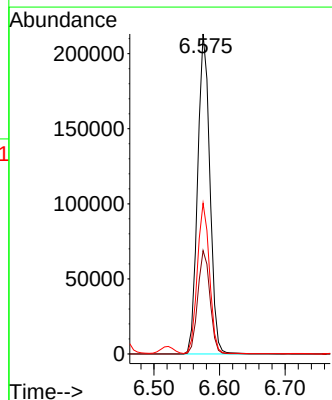
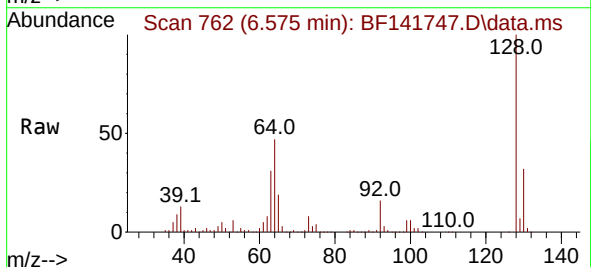
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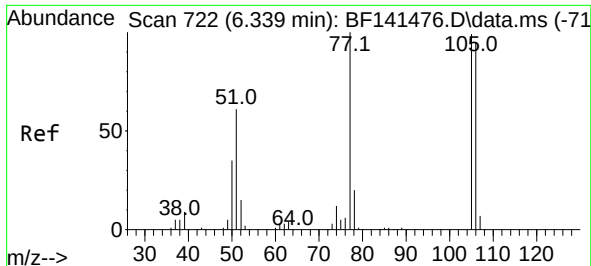
Tgt Ion: 99 Resp: 873294
Ion Ratio Lower Upper
99 100
42 21.1 19.1 28.7
71 36.3 31.1 46.7



#8
2-Chlorophenol
Concen: 47.956 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion: 128 Resp: 276805
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 47.1 28.3 68.3

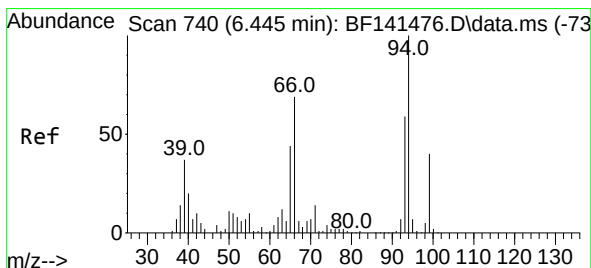
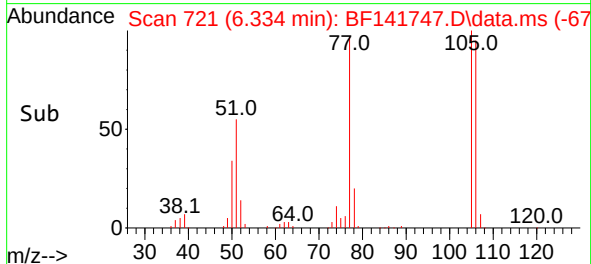
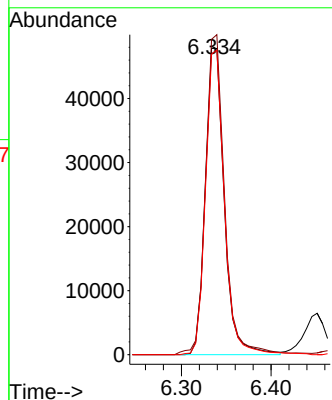
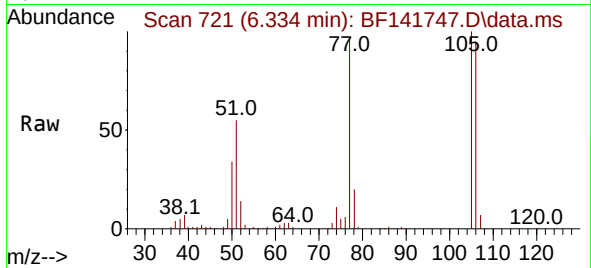




#9
Benzaldehyde
Concen: 19.500 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

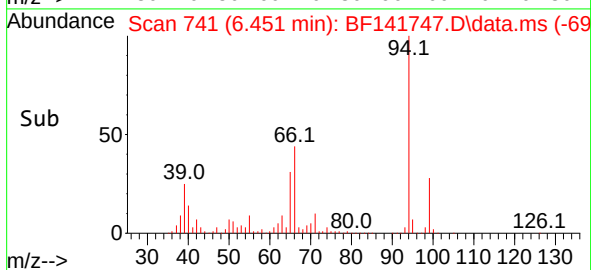
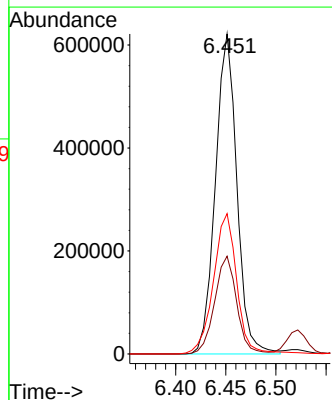
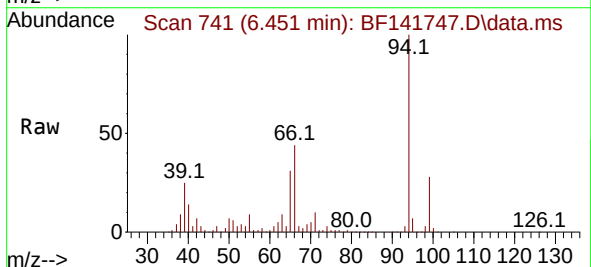
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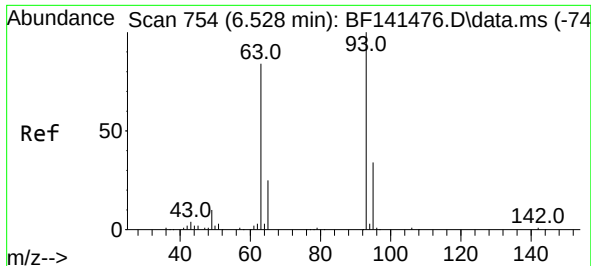
Tgt Ion: 77 Resp: 69963
Ion Ratio Lower Upper
77 100
105 102.9 79.4 119.4
106 98.1 75.1 115.1



#10
Phenol
Concen: 131.758 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141747.D
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Tgt Ion: 94 Resp: 925884
Ion Ratio Lower Upper
94 100
65 30.5 23.7 63.7
66 43.9 49.3 89.3#

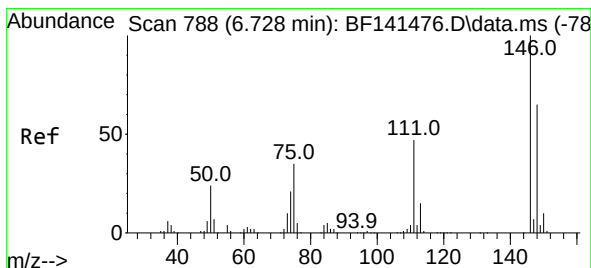
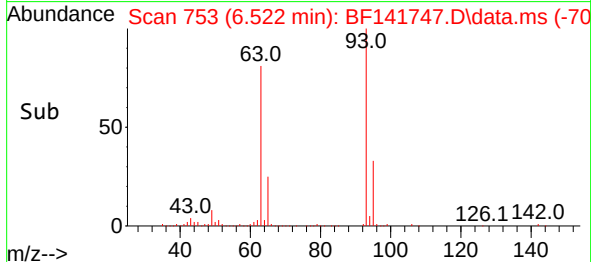
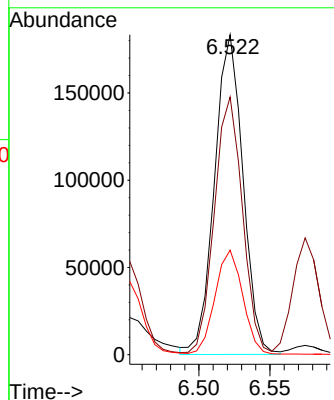
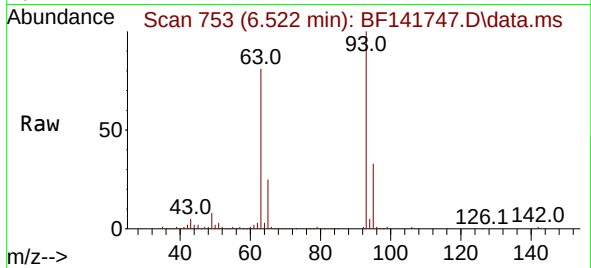




#11
bis(2-Chloroethyl)ether
Concen: 48.431 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

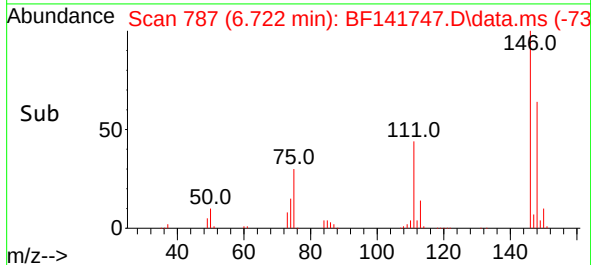
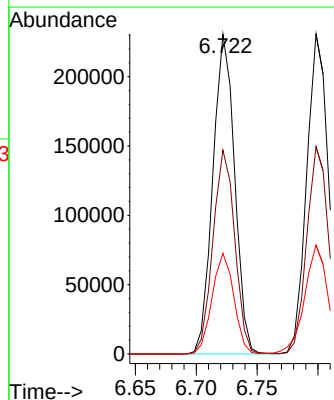
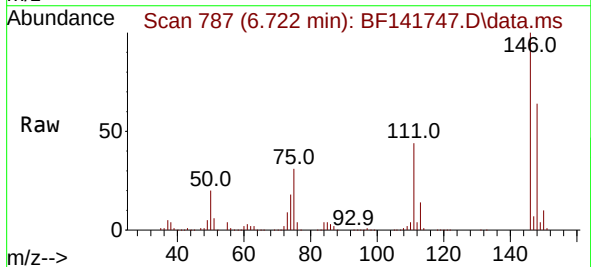
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

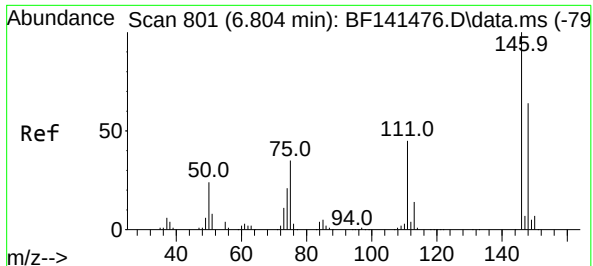
Tgt Ion: 93 Resp: 255625
Ion Ratio Lower Upper
93 100
63 80.5 62.0 102.0
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 47.038 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:146 Resp: 286636
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 31.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.047 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

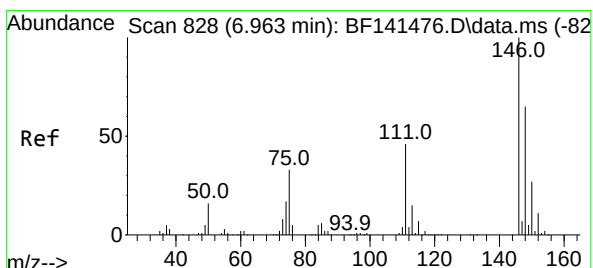
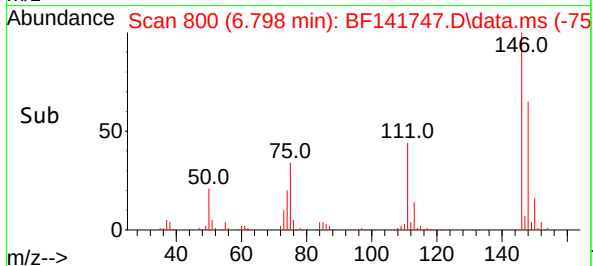
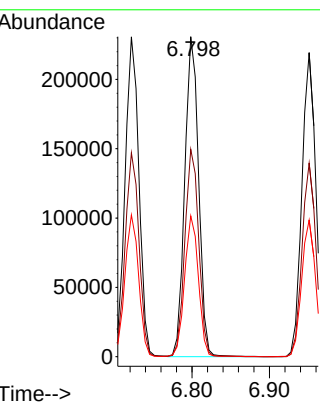
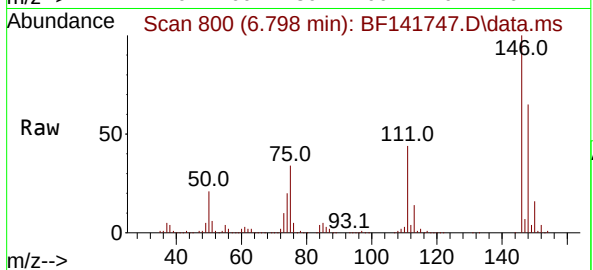
Tgt Ion:146 Resp: 286688

Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

111 44.0 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 47.436 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

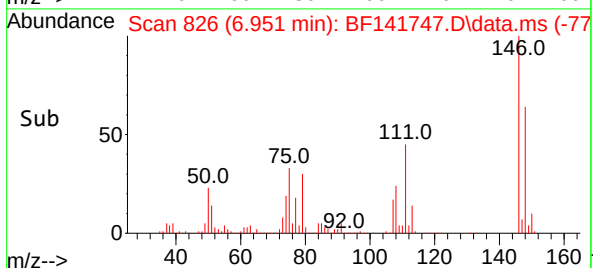
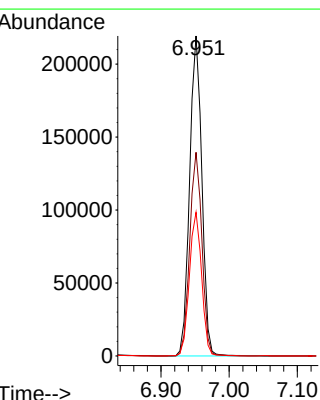
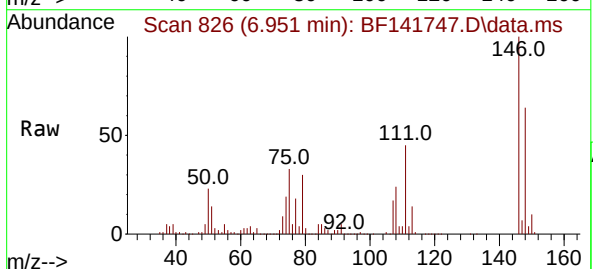
Tgt Ion:146 Resp: 274104

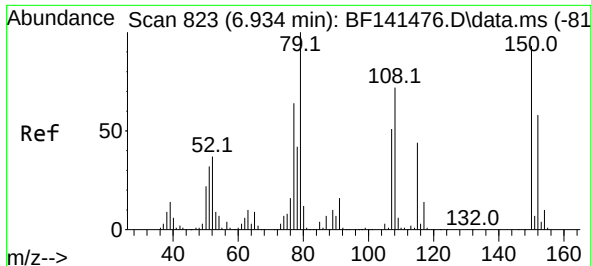
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

111 44.9 37.0 55.4

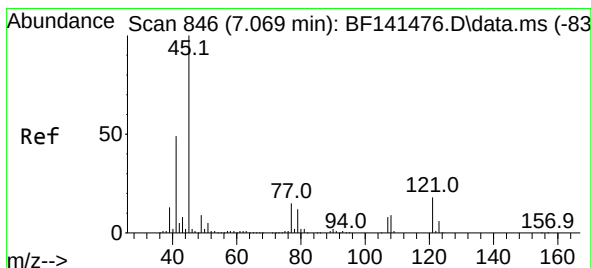
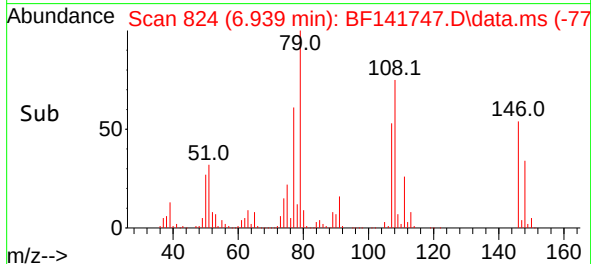
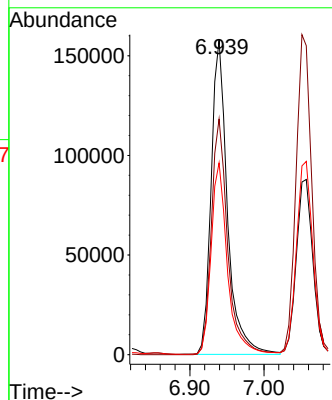
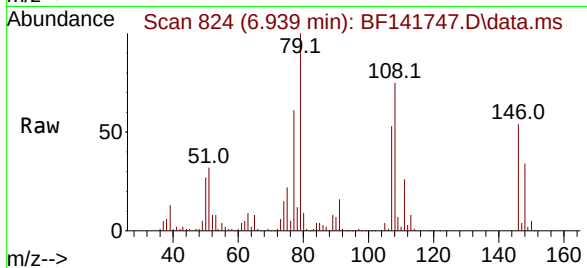




#15
Benzyl Alcohol
Concen: 46.425 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

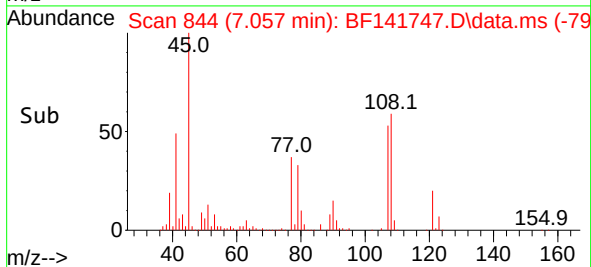
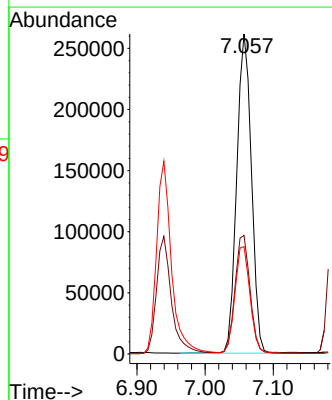
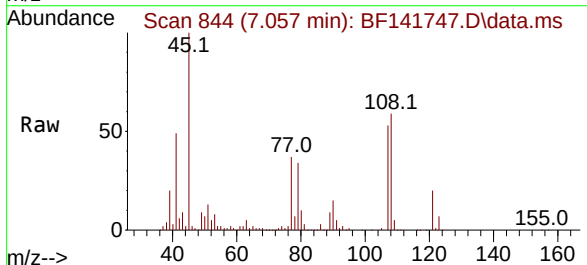
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

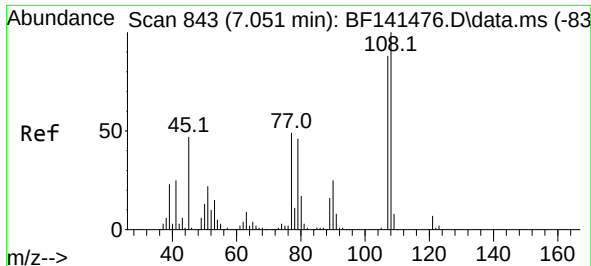
Tgt Ion: 79 Resp: 240362
Ion Ratio Lower Upper
79 100
108 74.9 57.4 86.2
77 61.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.314 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion: 45 Resp: 391352
Ion Ratio Lower Upper
45 100
77 37.1 0.0 35.8#
79 33.6 0.0 32.7#



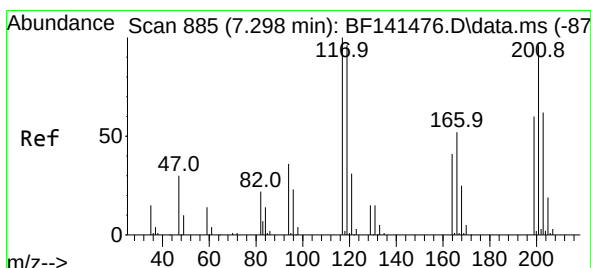
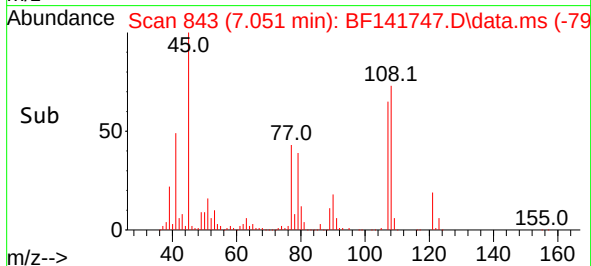
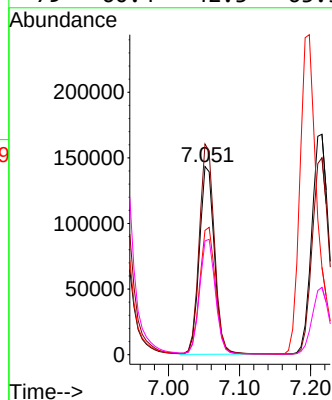
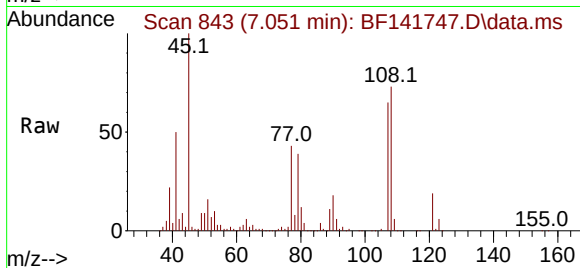


#17
2-Methylphenol
Concen: 46.711 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

Tgt Ion:107 Resp: 210990

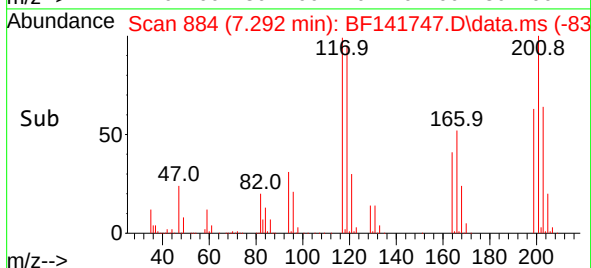
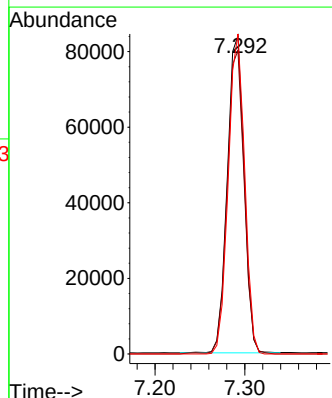
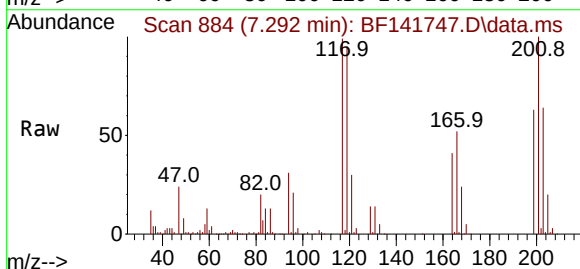
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.6	136.0
77	66.1	44.4	66.6
79	60.4	42.3	63.5

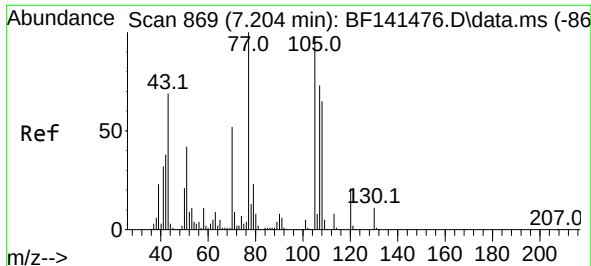


#18
Hexachloroethane
Concen: 47.317 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:117 Resp: 109026

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.5	114.7
201	100.6	76.7	115.1



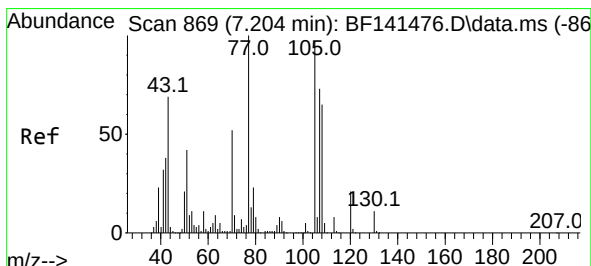
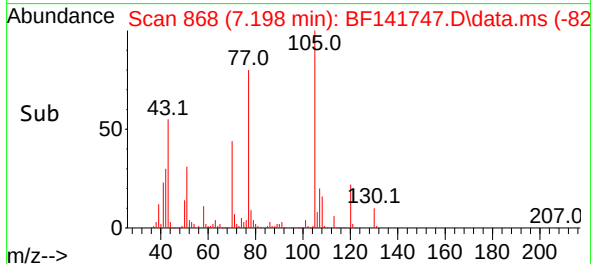
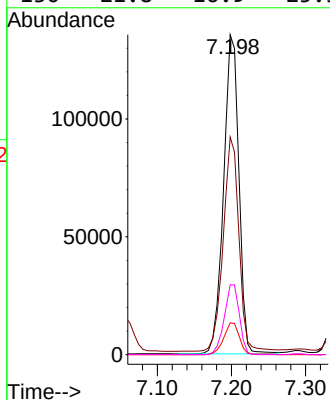
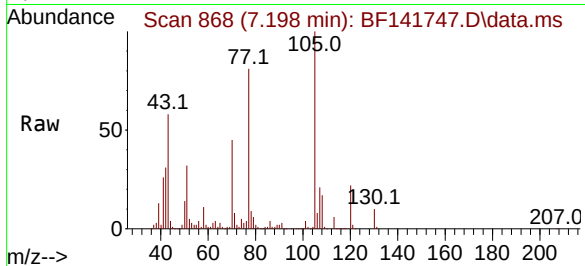


#19
n-Nitroso-di-n-propylamine
Concen: 48.161 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

Tgt Ion: 70 Resp: 194502

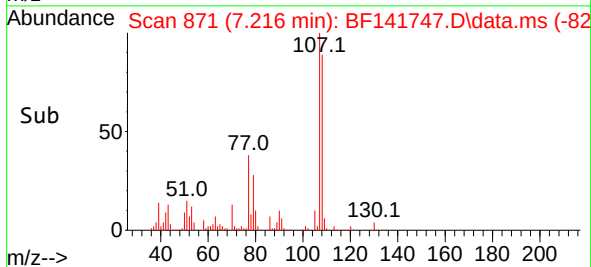
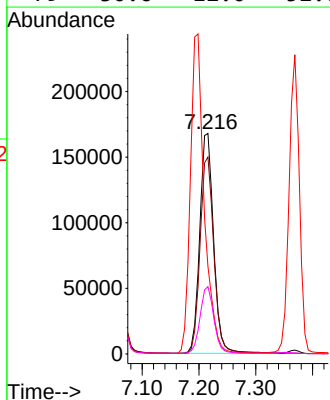
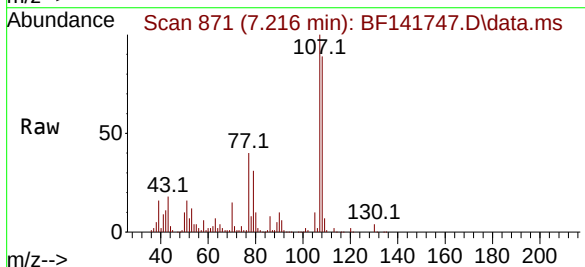
Ion	Ratio	Lower	Upper
70	100		
42	68.0	57.4	86.2
101	9.9	8.0	12.0
130	21.8	16.9	25.3

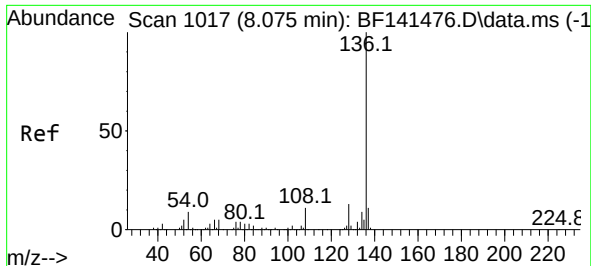


#20
3+4-Methylphenols
Concen: 49.587 ng
RT: 7.216 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion: 107 Resp: 284647

Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.5	108.5
77	39.6	116.5	156.5#
79	30.6	12.0	52.0

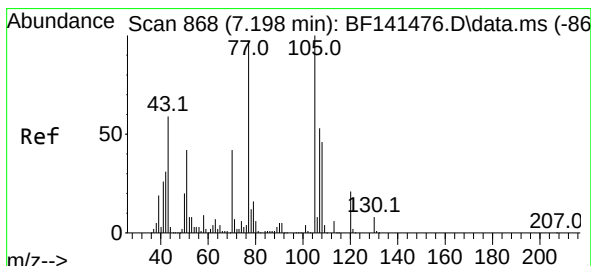
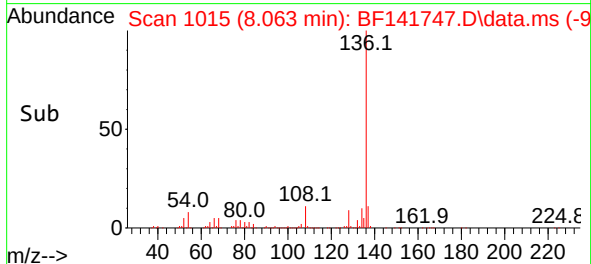
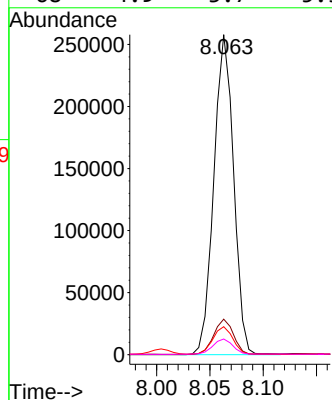
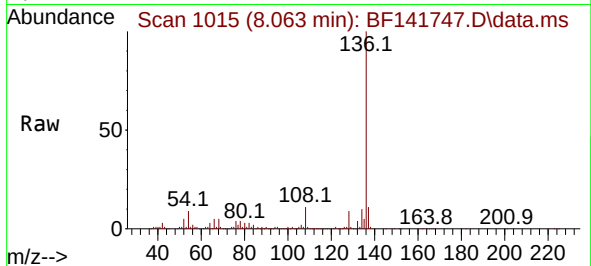




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

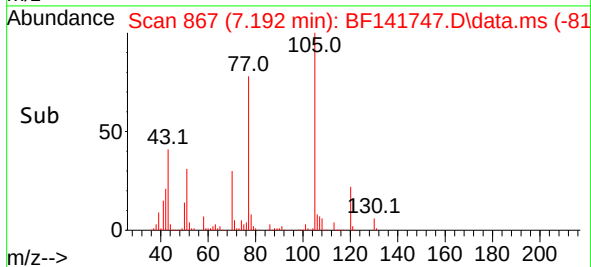
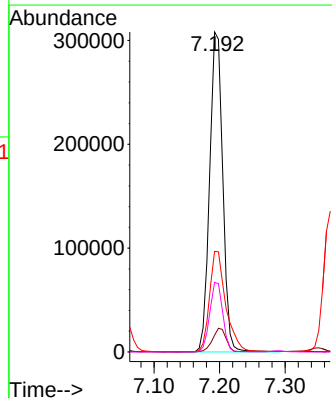
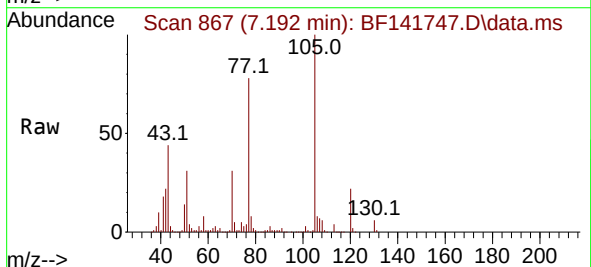
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

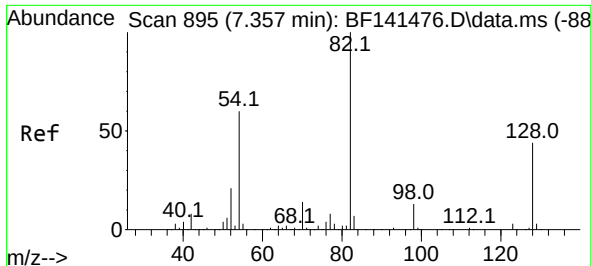
Tgt Ion:136 Resp: 332221
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 7.2 10.8
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 52.095 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:105 Resp: 430526
Ion Ratio Lower Upper
105 100
71 5.3 5.7 8.5#
51 31.5 33.7 50.5#
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 102.536 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

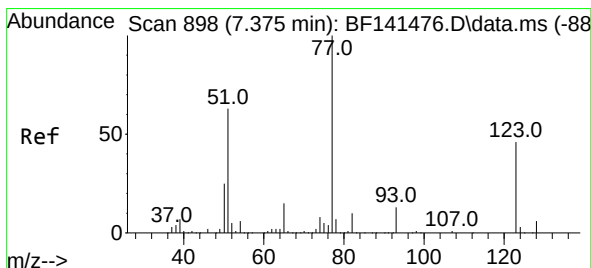
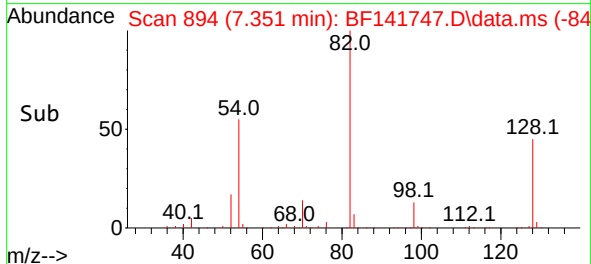
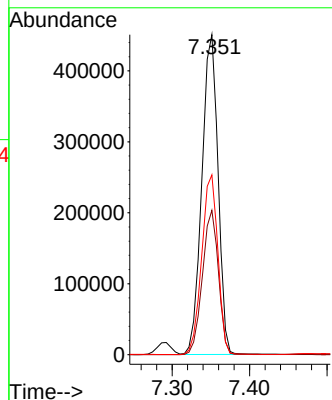
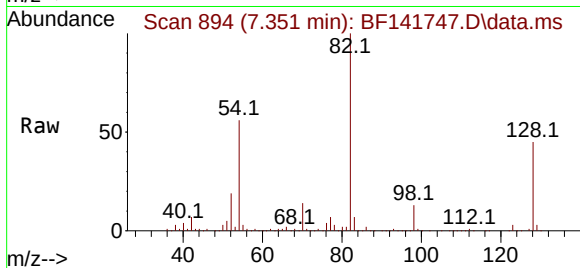
Tgt Ion: 82 Resp: 653102

Ion Ratio Lower Upper

82 100

128 45.1 34.8 52.2

54 56.2 48.2 72.4



#24

Nitrobenzene

Concen: 45.716 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

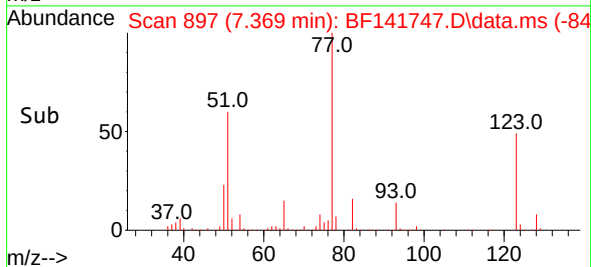
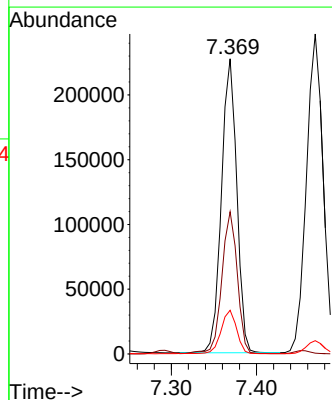
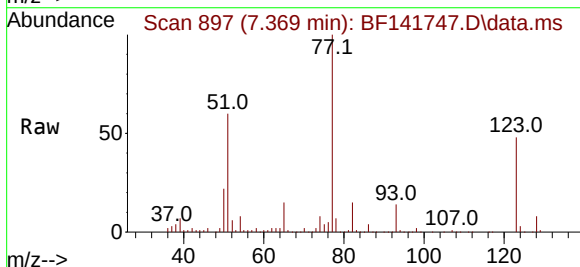
Tgt Ion: 77 Resp: 283944

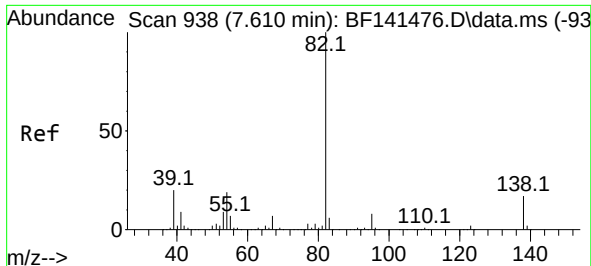
Ion Ratio Lower Upper

77 100

123 48.2 36.9 55.3

65 14.8 11.9 17.9

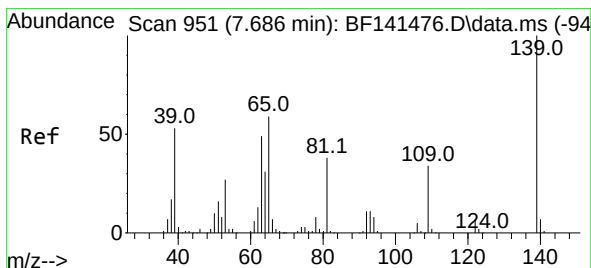
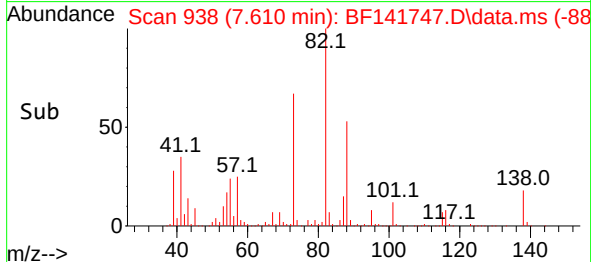
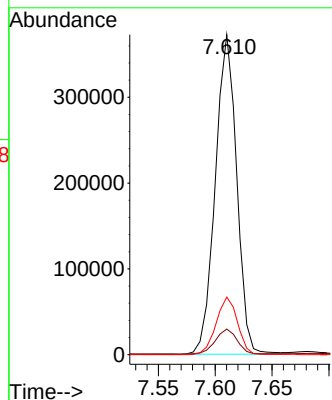
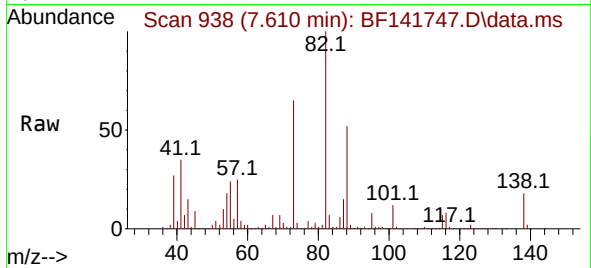




#25
Isophorone
Concen: 48.083 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

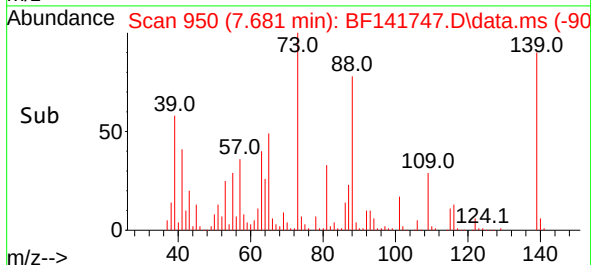
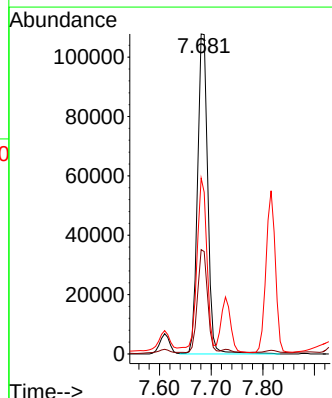
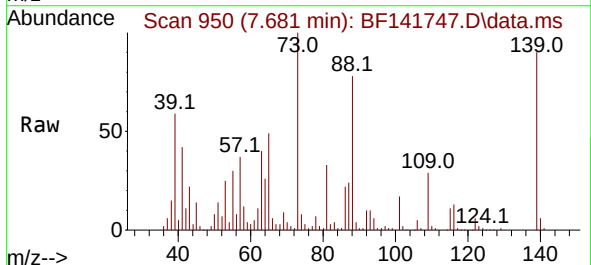
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

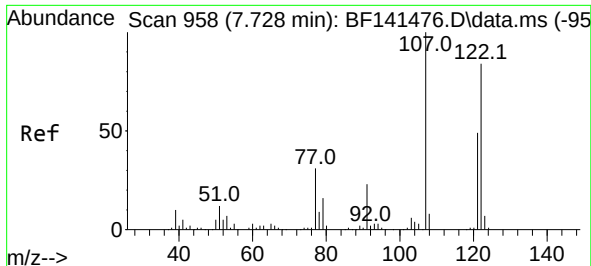
Tgt Ion: 82 Resp: 488333
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 47.904 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:139 Resp: 148029
Ion Ratio Lower Upper
139 100
109 32.6 27.0 40.6
65 55.0 47.1 70.7

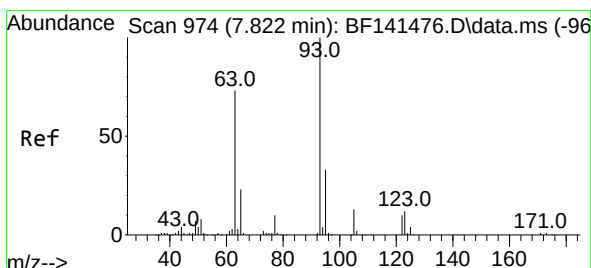
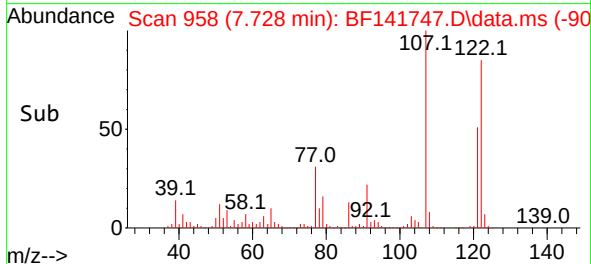
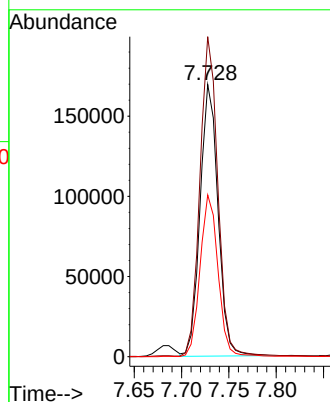
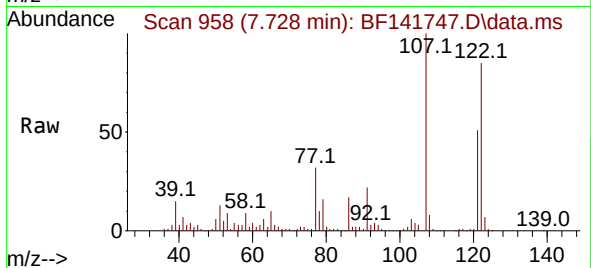




#27
2,4-Dimethylphenol
Concen: 61.709 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

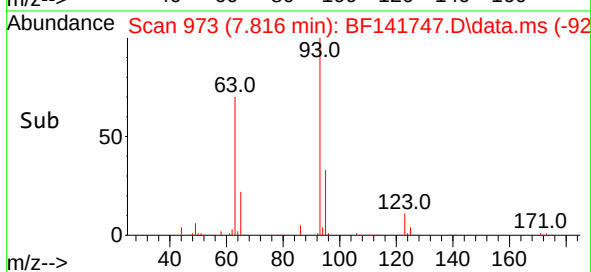
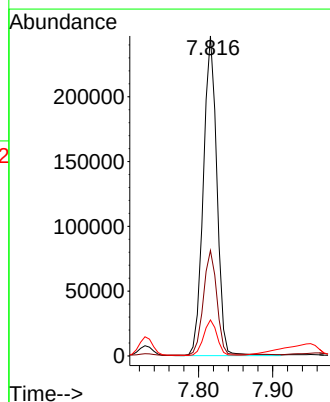
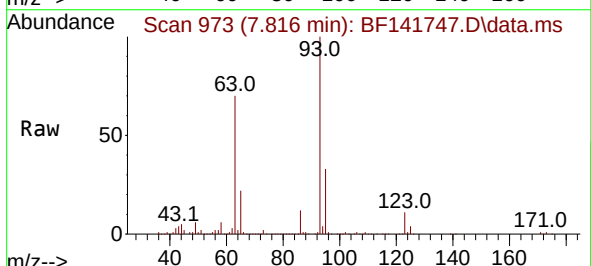
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

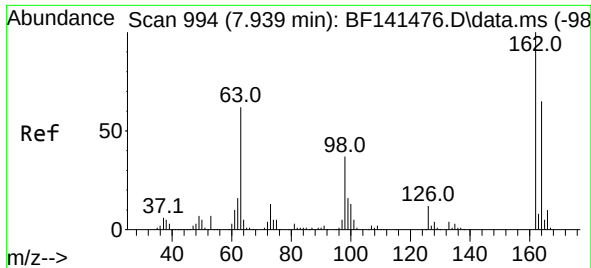
Tgt Ion:122 Resp: 222765
Ion Ratio Lower Upper
122 100
107 117.6 94.3 141.5
121 59.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.383 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion: 93 Resp: 314866
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.821 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

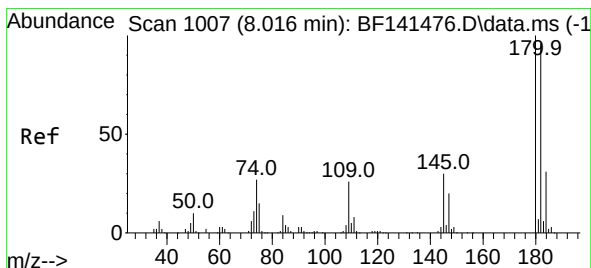
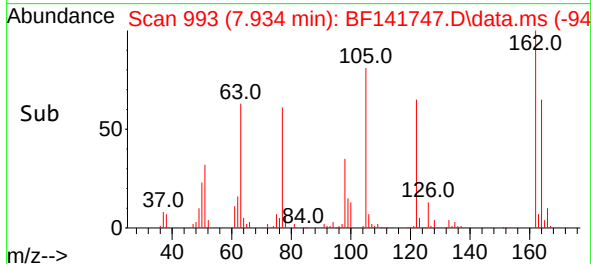
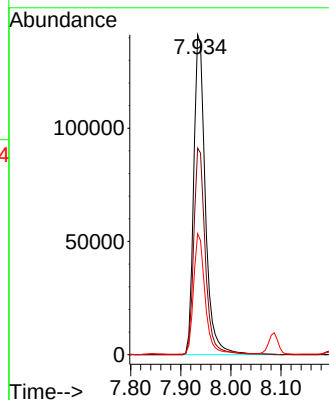
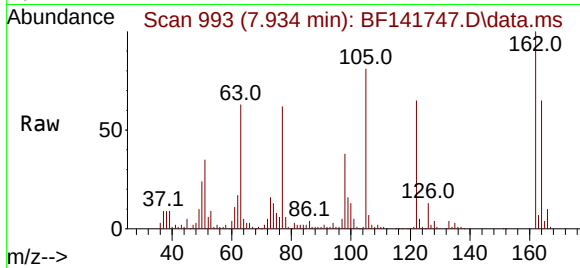
Tgt Ion:162 Resp: 228369

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 37.8 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 46.523 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

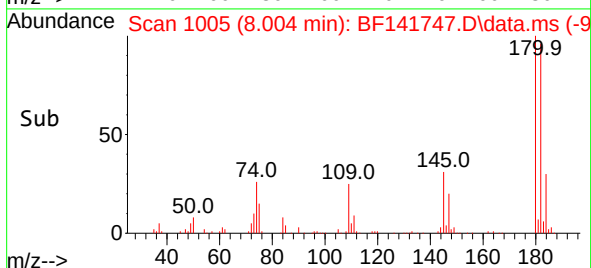
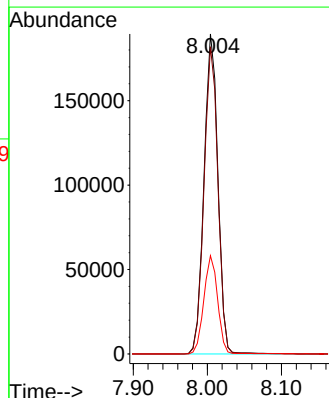
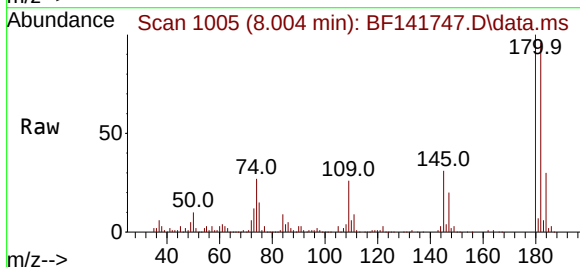
Tgt Ion:180 Resp: 247107

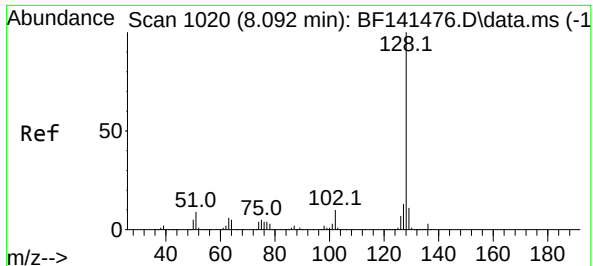
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 30.7 24.2 36.4

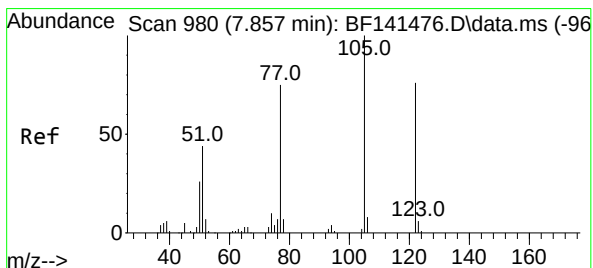
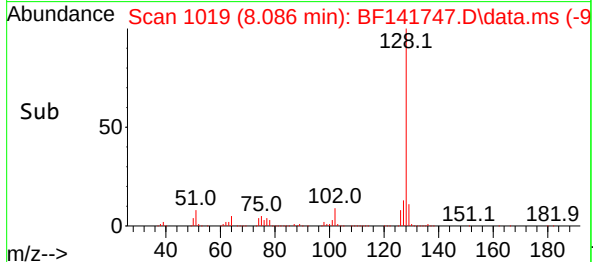
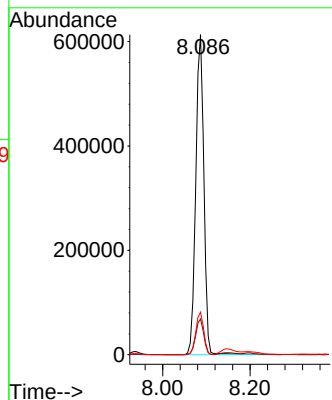
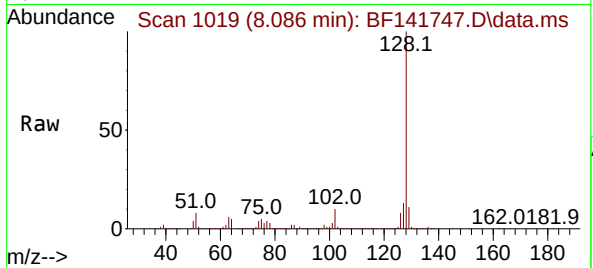




#31
Naphthalene
Concen: 45.699 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

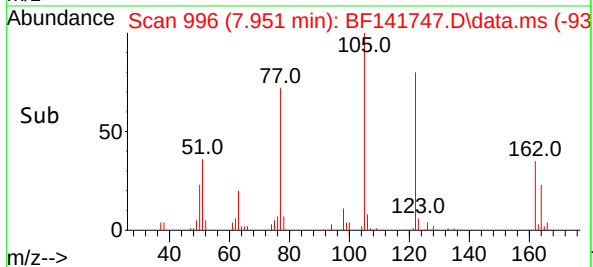
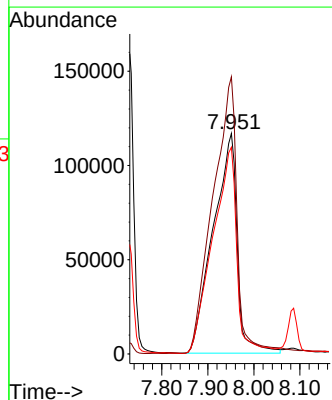
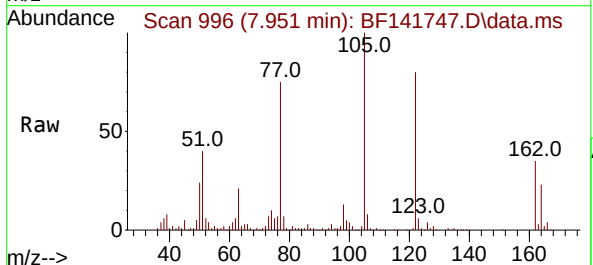
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

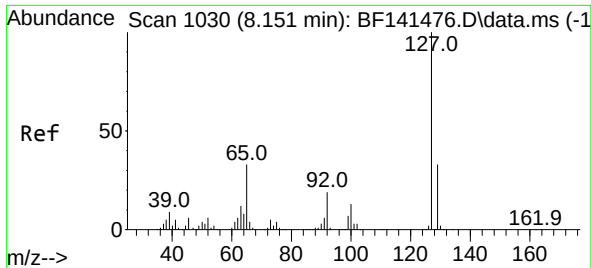
Tgt Ion:128 Resp: 790282
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 112.680 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.059 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:122 Resp: 422511
Ion Ratio Lower Upper
122 100
105 125.7 106.5 146.5
77 93.8 76.3 116.3

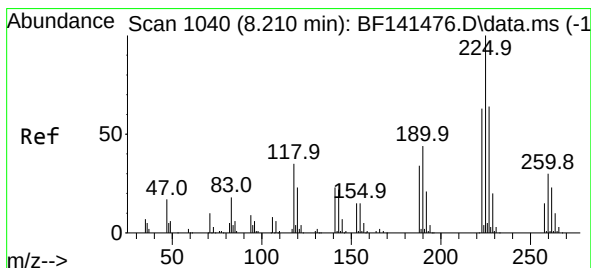
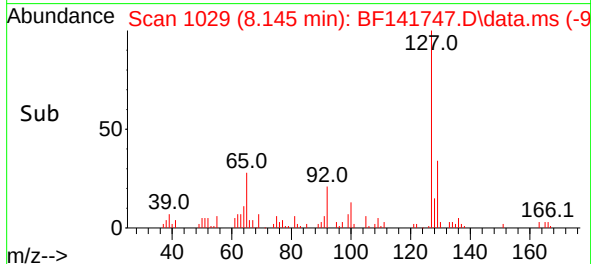
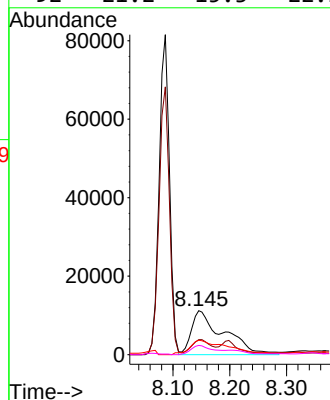
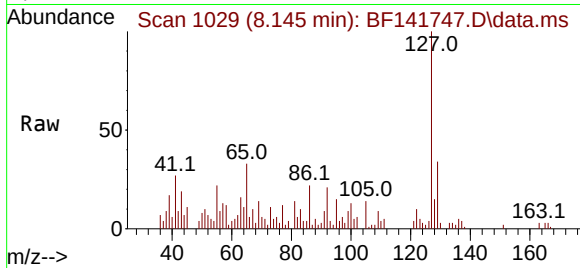




#33
4-Chloroaniline
Concen: 7.346 ng m
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

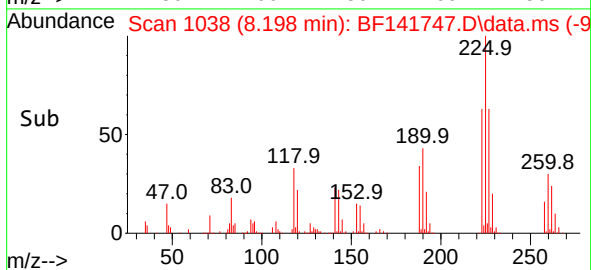
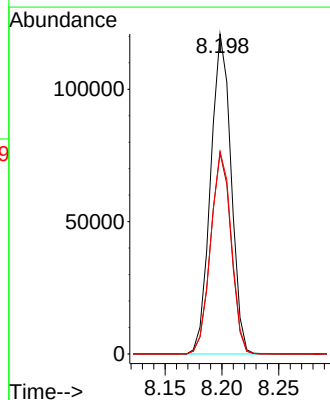
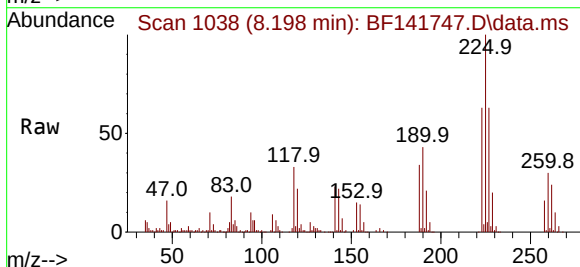
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

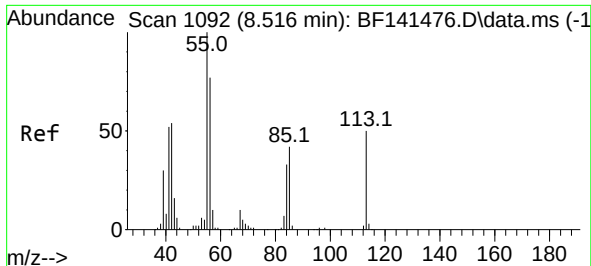
Tgt Ion:127	Resp:	44354
Ion	Ratio	Lower Upper
127	100	
129	34.0	26.5 39.7
65	32.9	26.4 39.6
92	21.2	15.3 22.9



#34
Hexachlorobutadiene
Concen: 47.467 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:225	Resp:	151355
Ion	Ratio	Lower Upper
225	100	
223	62.8	50.1 75.1
227	63.3	51.0 76.6

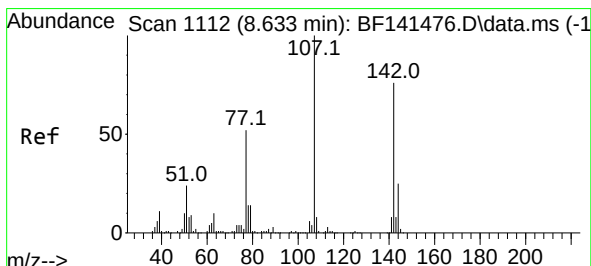
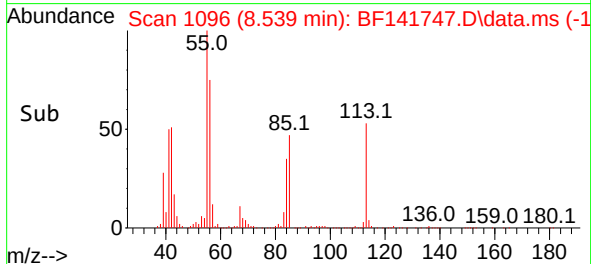
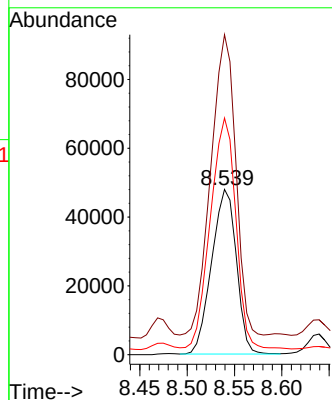
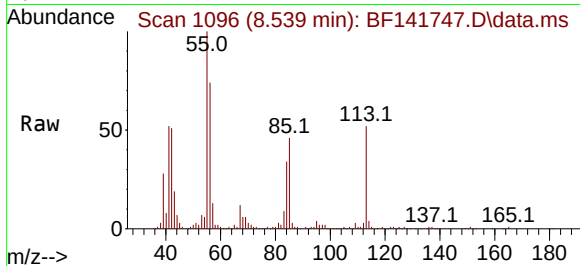




#35
 Caprolactam
 Concen: 58.470 ng
 RT: 8.539 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

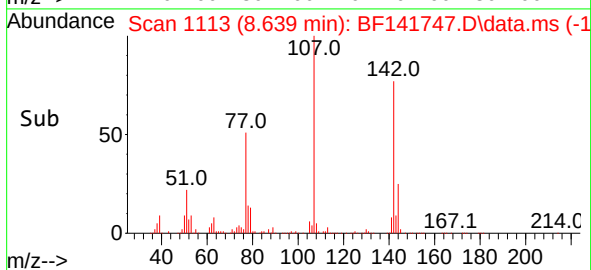
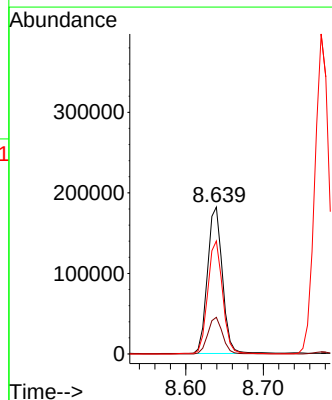
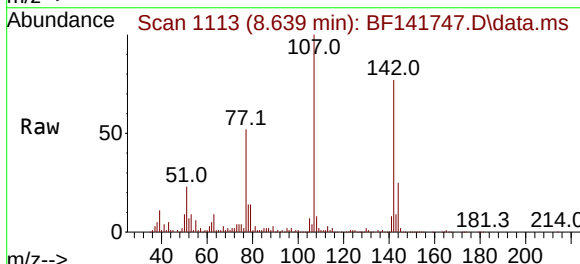
Instrument :
 BNA_F
 ClientSampleId :
 BEL-25-0005MSD

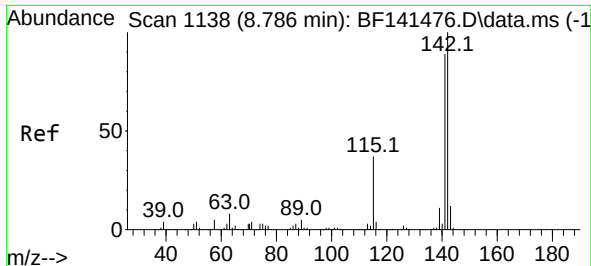
Tgt Ion:113 Resp: 86831
 Ion Ratio Lower Upper
 113 100
 55 193.6 180.8 220.8
 56 143.2 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.033 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

Tgt Ion:107 Resp: 243305
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.7 29.5
 142 77.0 60.8 91.2

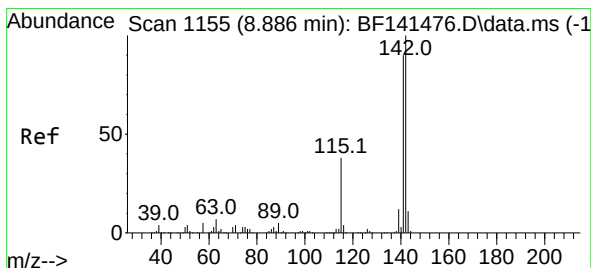
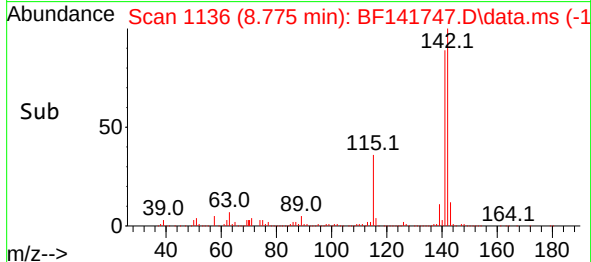
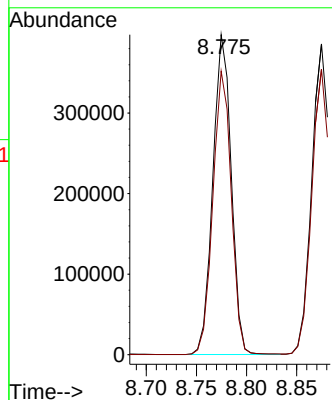
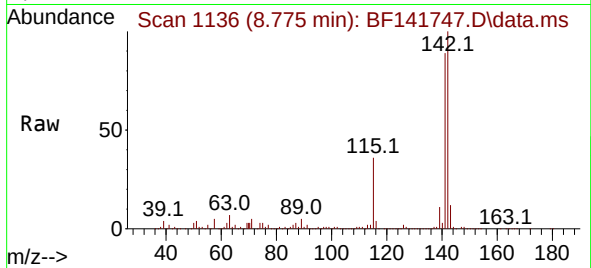




#37
2-Methylnaphthalene
Concen: 44.917 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

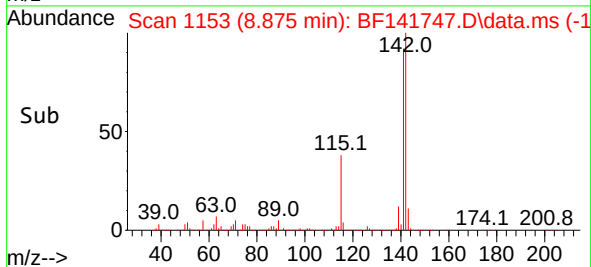
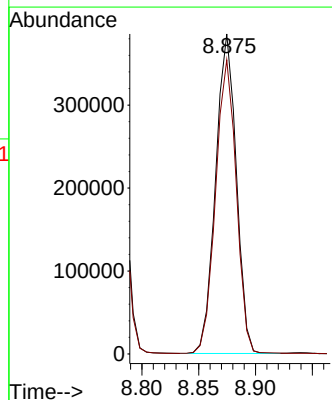
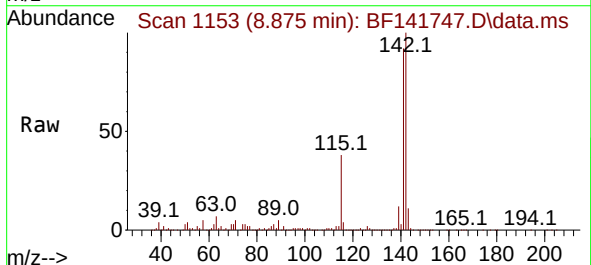
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

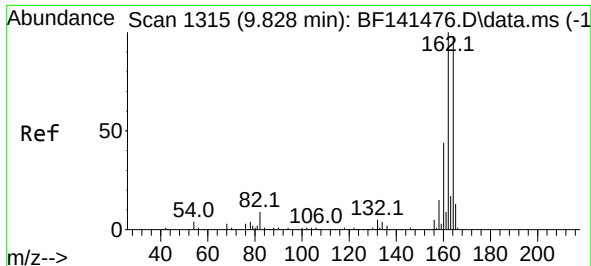
Tgt Ion:142 Resp: 505472
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8



#38
1-Methylnaphthalene
Concen: 44.780 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:142 Resp: 488066
Ion Ratio Lower Upper
142 100
141 91.9 72.1 108.1

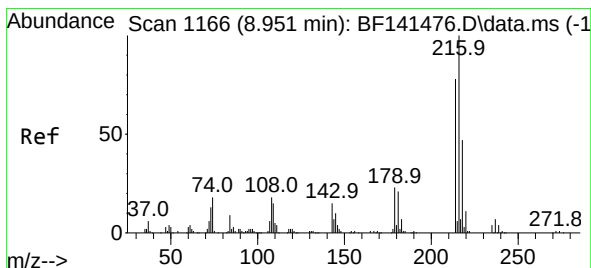
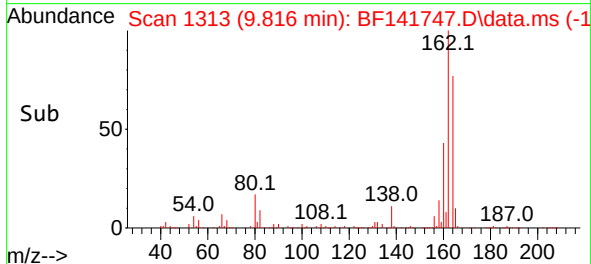
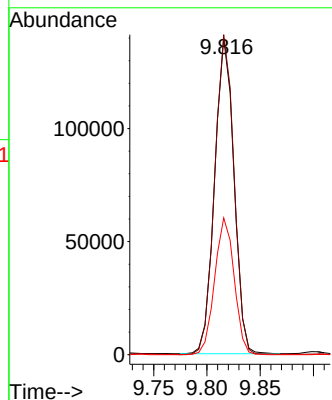
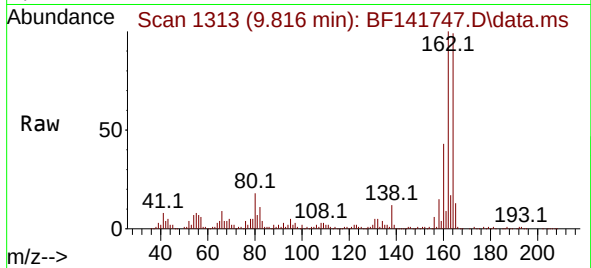




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

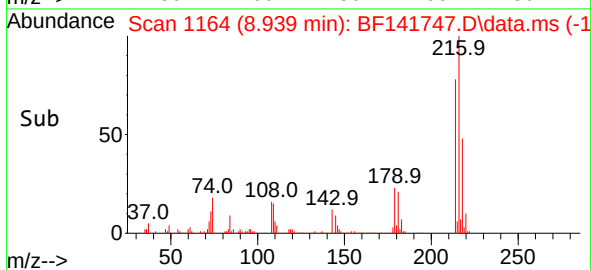
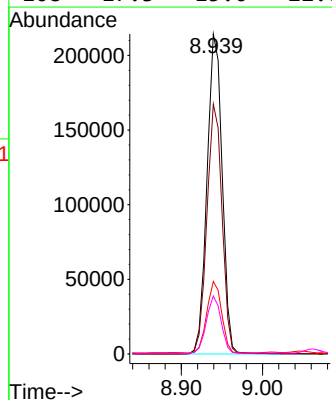
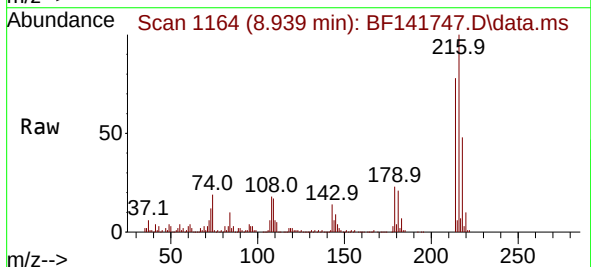
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

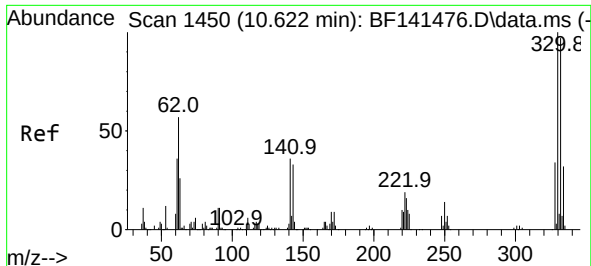
Tgt Ion:164 Resp: 175907
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 43.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.437 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:216 Resp: 277039
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 21.9 18.0 27.0
108 17.3 15.0 22.6





#42

2,4,6-Tribromophenol

Concen: 146.549 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

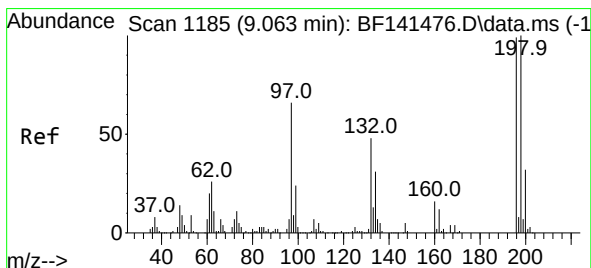
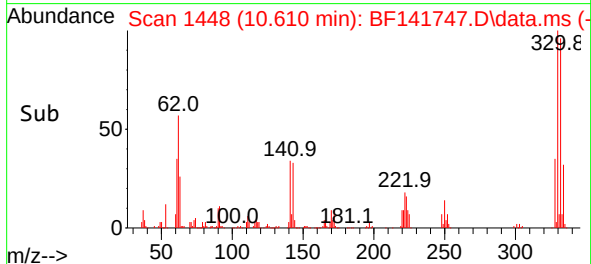
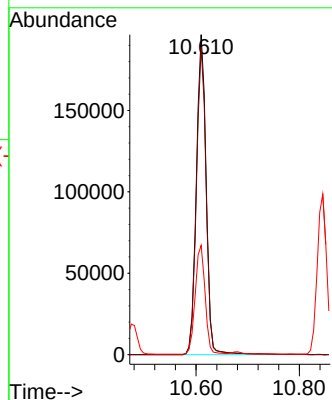
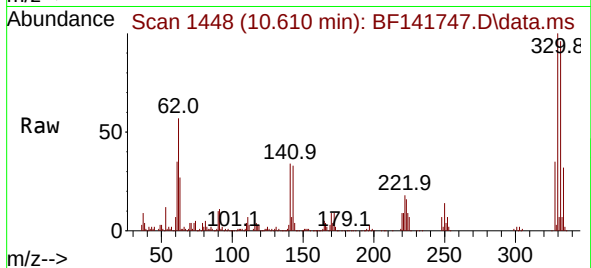
Tgt Ion:330 Resp: 258961

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 34.3 31.0 46.4



#43

2,4,6-Trichlorophenol

Concen: 49.096 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

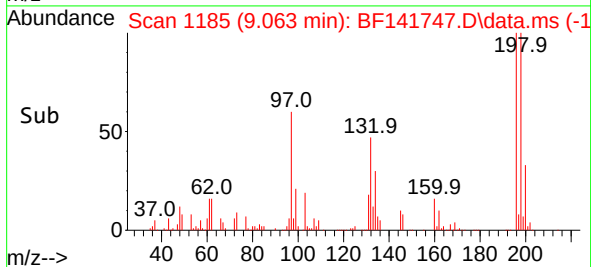
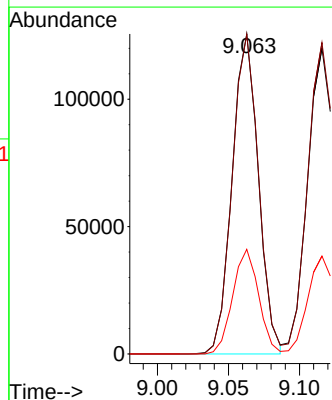
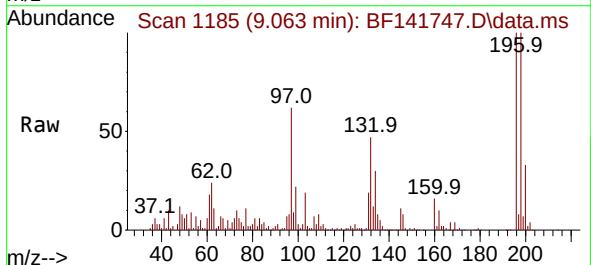
Tgt Ion:196 Resp: 161487

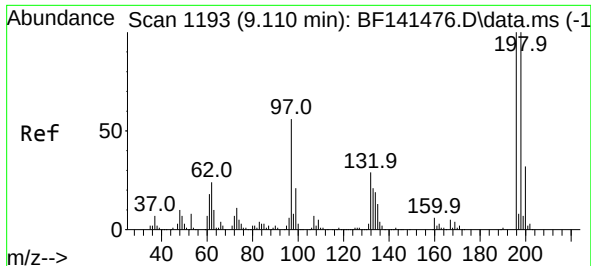
Ion Ratio Lower Upper

196 100

198 99.8 80.6 121.0

200 32.7 25.5 38.3

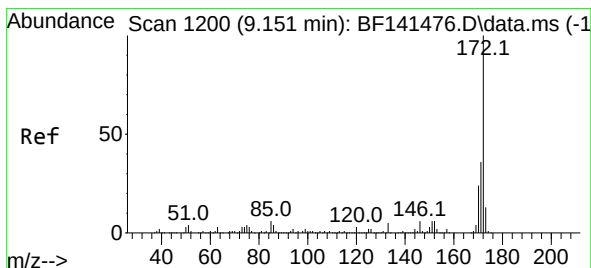
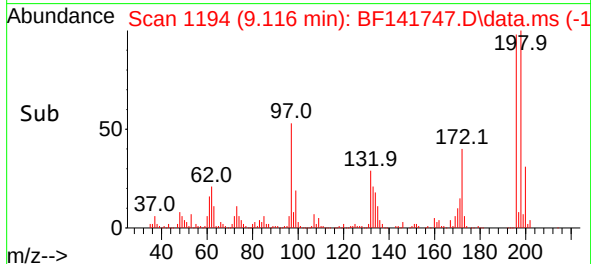
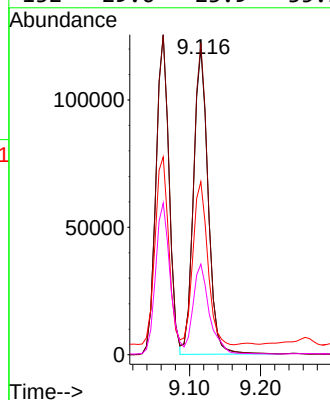
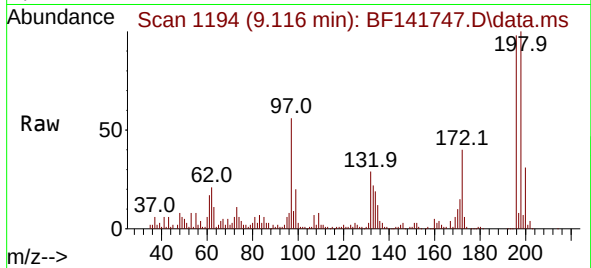




#44
2,4,5-Trichlorophenol
Concen: 48.028 ng
RT: 9.116 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

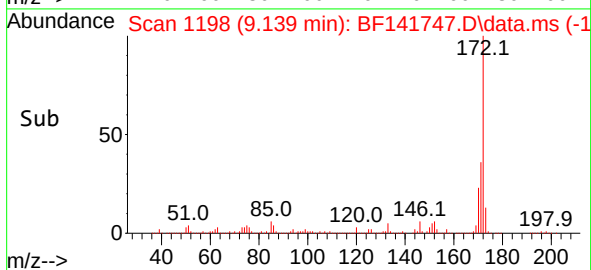
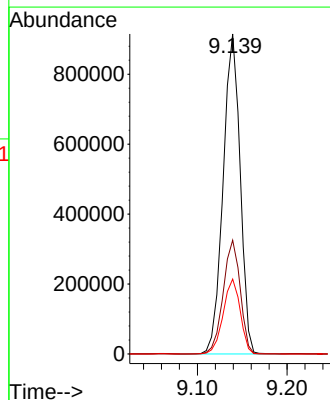
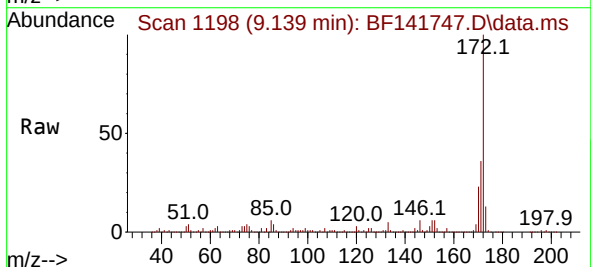
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

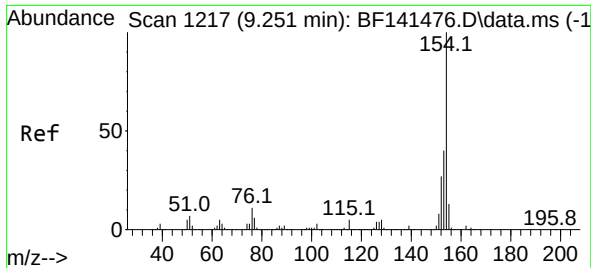
Tgt Ion:196	Resp: 171207
Ion Ratio	Lower Upper
196	100
198	101.9 79.8 119.8
97	56.6 44.8 67.2
132	29.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 105.512 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:172	Resp: 1204711
Ion Ratio	Lower Upper
172	100
171	35.5 28.7 43.1
170	23.4 18.9 28.3

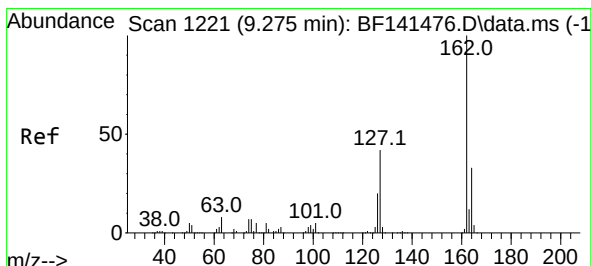
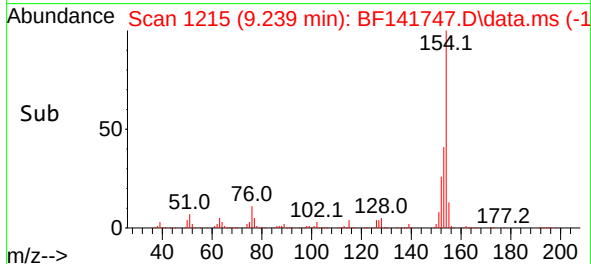
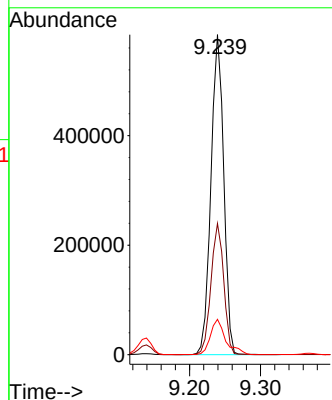
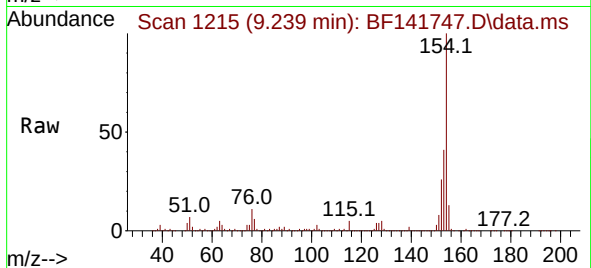




#46
1,1'-Biphenyl
Concen: 53.593 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

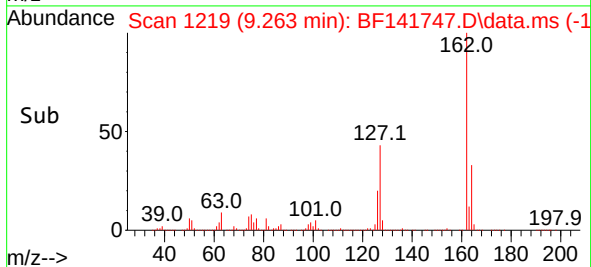
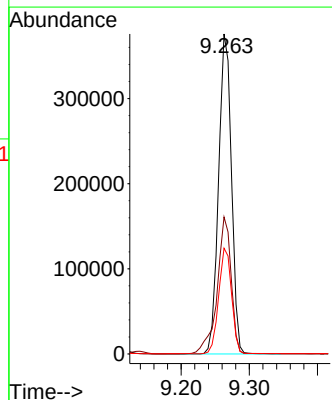
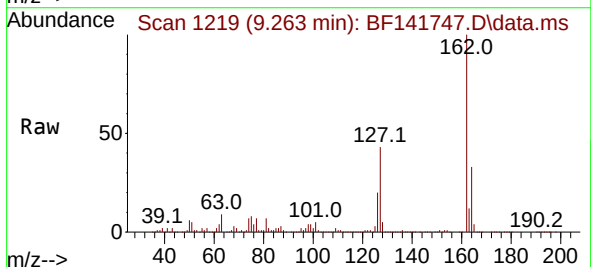
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

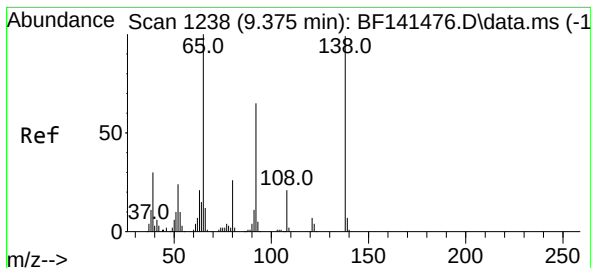
Tgt Ion:154 Resp: 730892
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 11.1 0.0 30.8



#47
2-Chloronaphthalene
Concen: 48.969 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:162 Resp: 493837
Ion Ratio Lower Upper
162 100
127 42.8 34.1 51.1
164 33.0 26.3 39.5





#48

2-Nitroaniline

Concen: 44.712 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

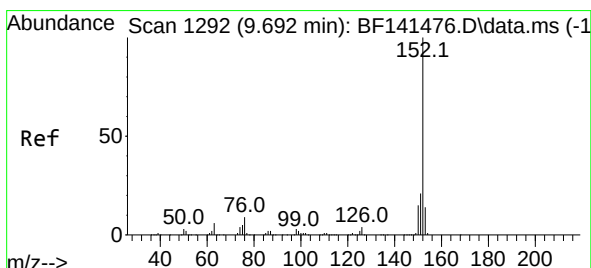
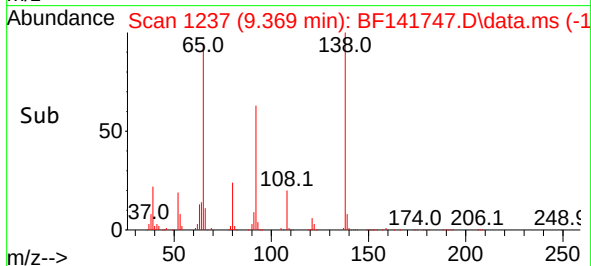
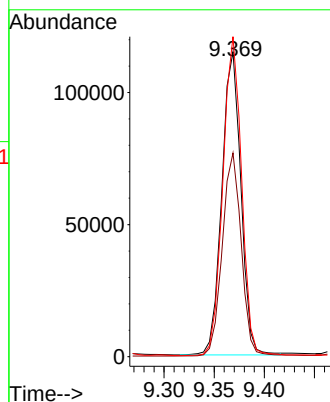
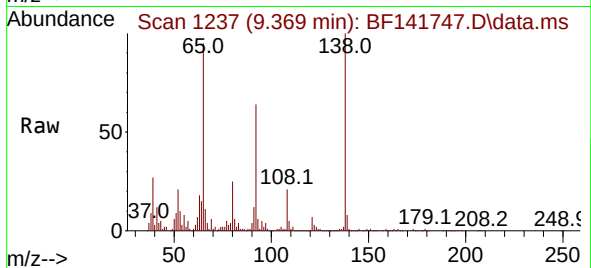
Tgt Ion: 65 Resp: 151325

Ion Ratio Lower Upper

65 100

92 66.8 52.2 78.2

138 104.9 79.5 119.3



#49

Acenaphthylene

Concen: 48.867 ng

RT: 9.680 min Scan# 1290

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

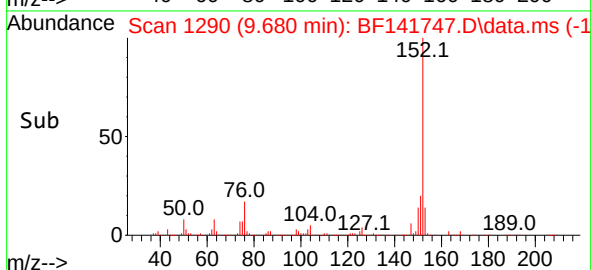
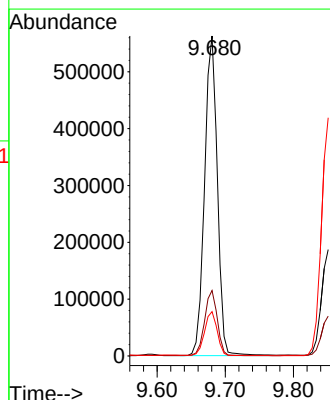
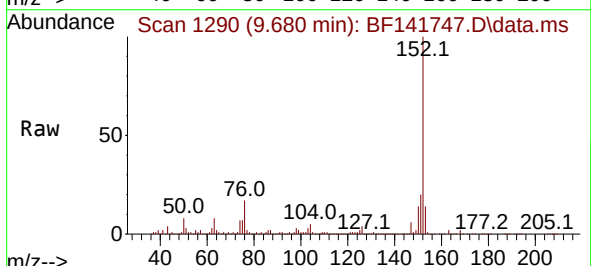
Tgt Ion:152 Resp: 732992

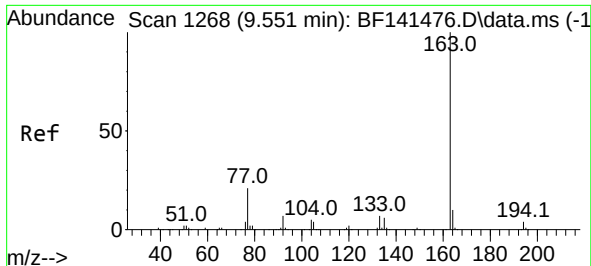
Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.9 10.9 16.3

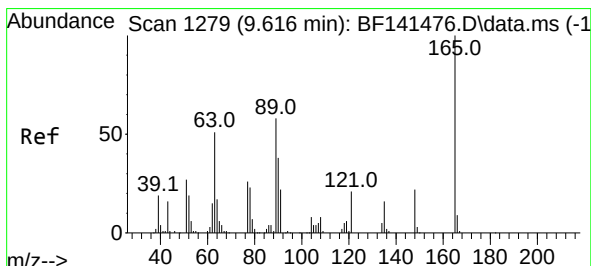
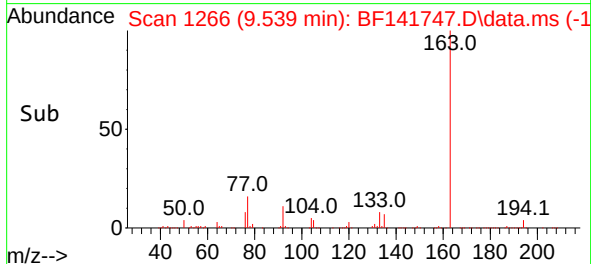
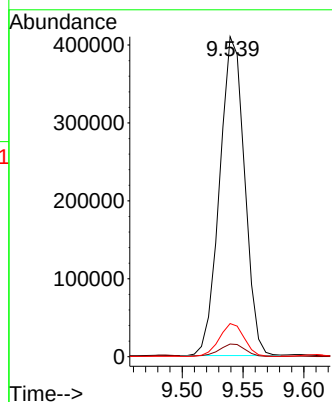
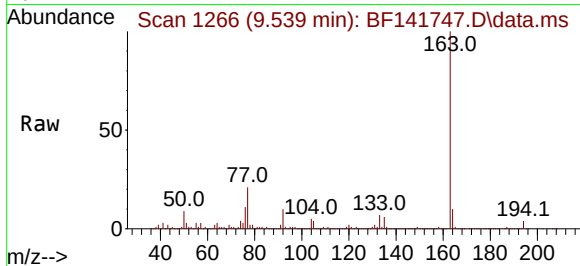




#50
Dimethylphthalate
Concen: 48.893 ng
RT: 9.539 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

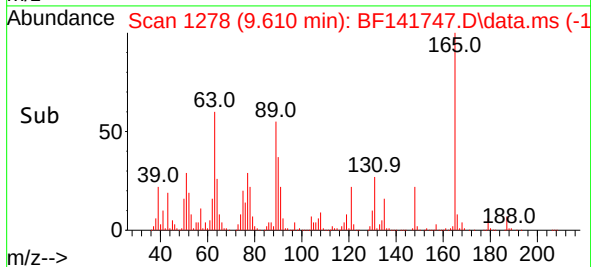
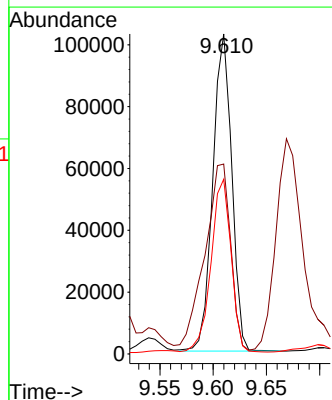
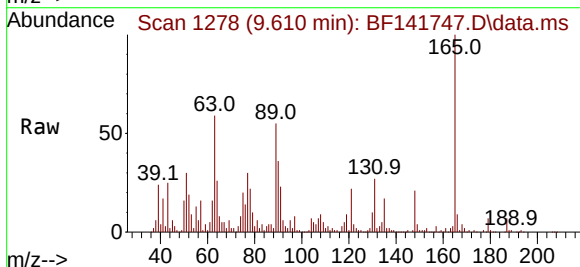
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

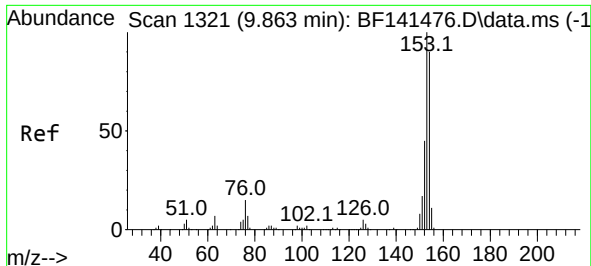
Tgt Ion:163 Resp: 583875
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.4 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 48.507 ng
RT: 9.610 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:165 Resp: 126631
Ion Ratio Lower Upper
165 100
63 59.3 49.4 74.0
89 54.6 46.5 69.7

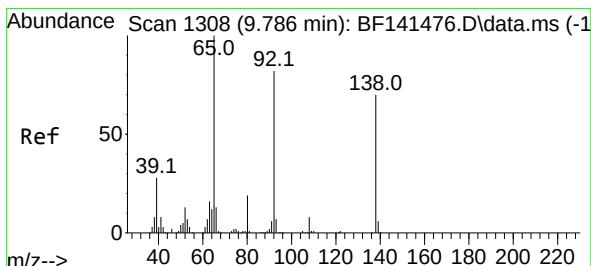
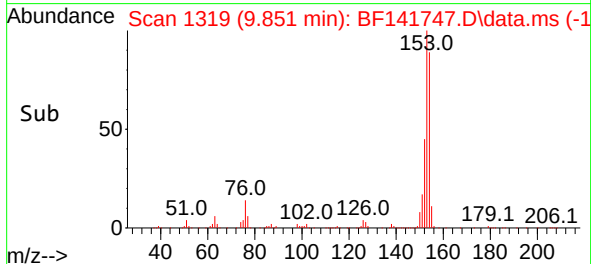
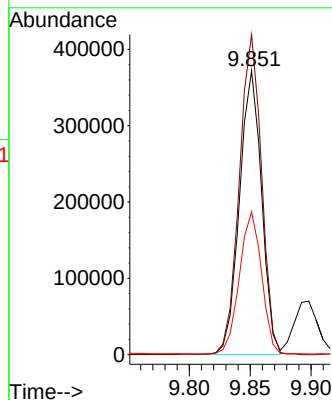
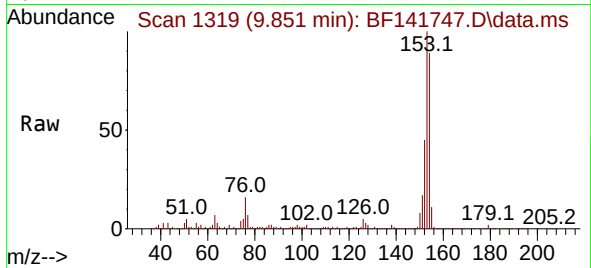




#52
Acenaphthene
Concen: 46.606 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

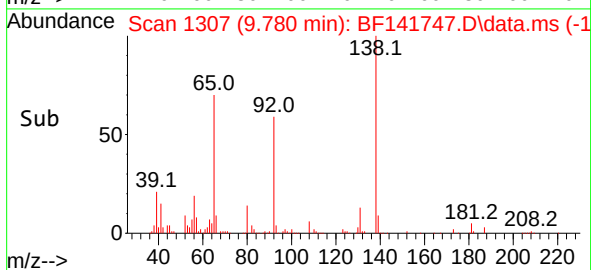
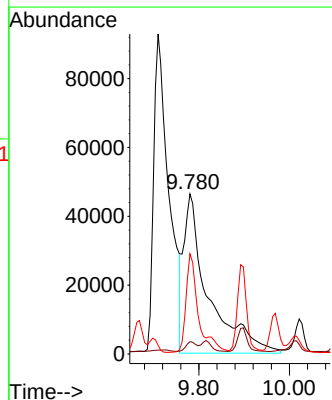
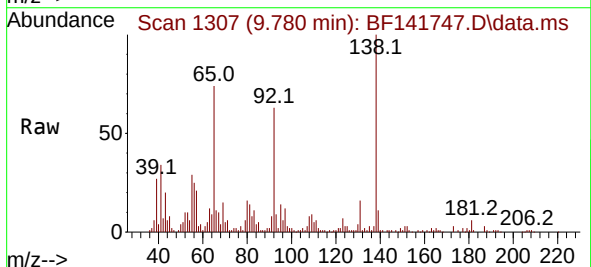
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

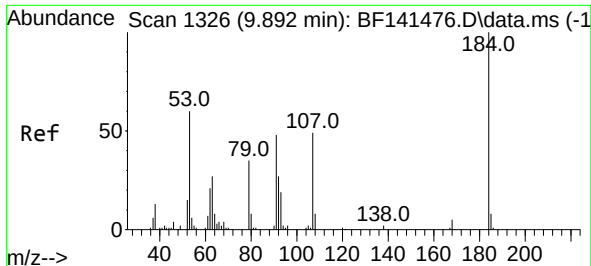
Tgt Ion:154 Resp: 469989
Ion Ratio Lower Upper
154 100
153 112.7 89.2 133.8
152 50.3 39.8 59.8



#53
3-Nitroaniline
Concen: 62.032 ng m
RT: 9.780 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:138 Resp: 174296
Ion Ratio Lower Upper
138 100
108 7.7 9.0 13.4#
92 62.5 93.7 140.5#

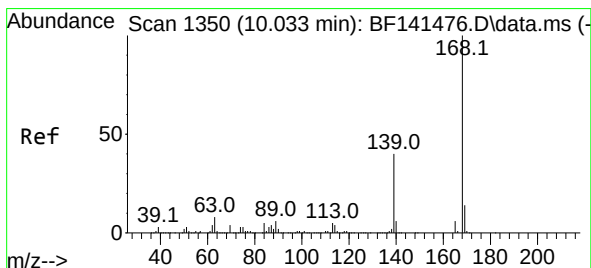
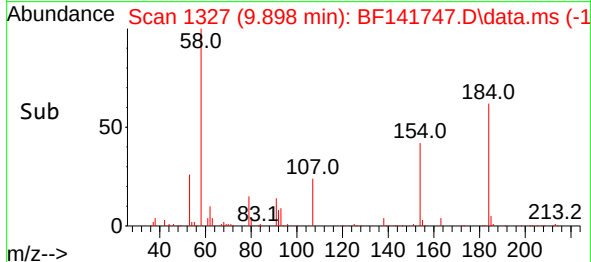
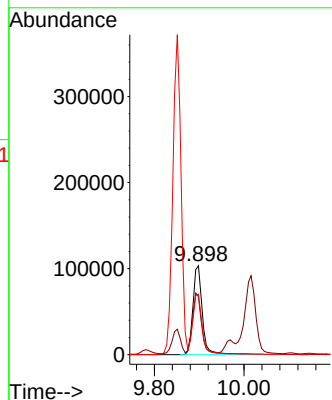
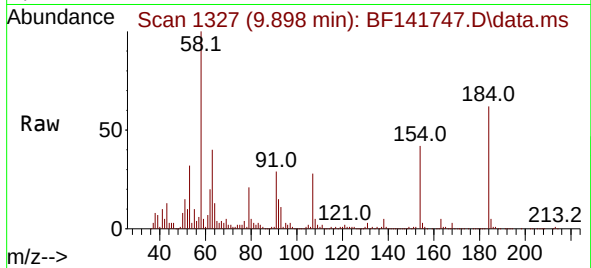




#54
2,4-Dinitrophenol
Concen: 98.223 ng
RT: 9.898 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

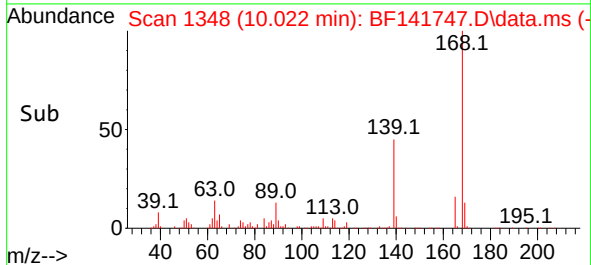
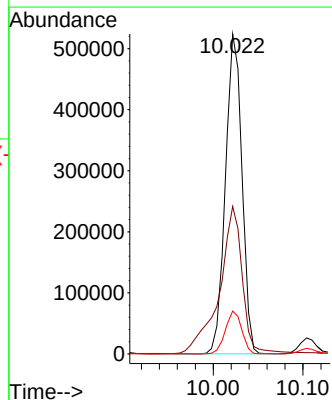
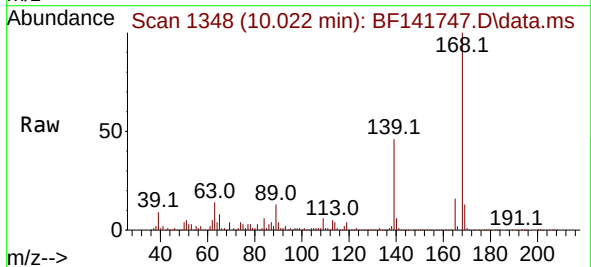
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

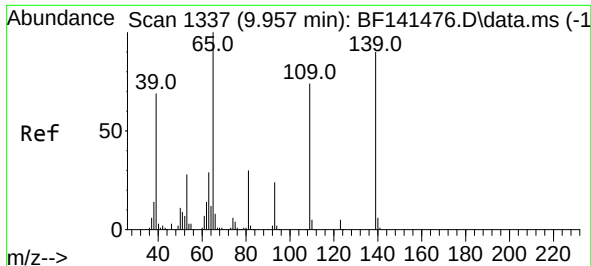
Tgt Ion:184 Resp: 152396
Ion Ratio Lower Upper
184 100
63 65.3 61.0 91.6
154 67.9 59.9 89.9



#55
Dibenzofuran
Concen: 45.172 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:168 Resp: 668621
Ion Ratio Lower Upper
168 100
139 46.1 32.7 49.1
169 13.4 10.8 16.2

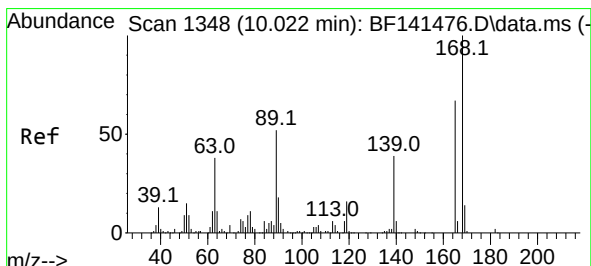
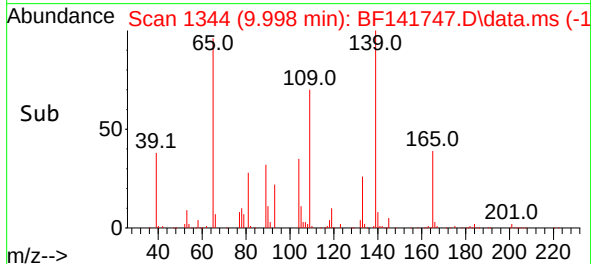
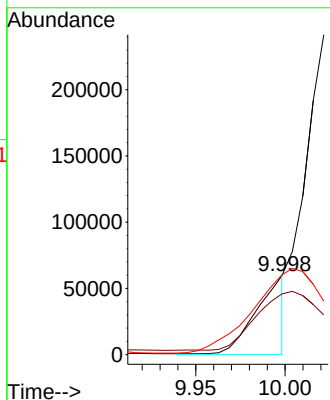
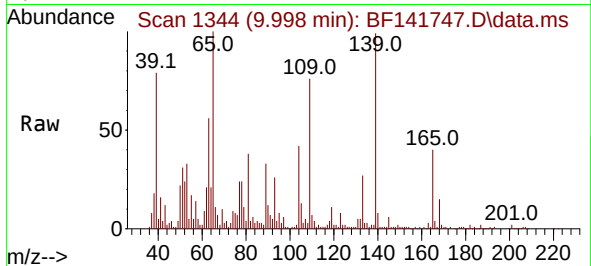




#56
4-Nitrophenol
Concen: 32.583 ng m
RT: 9.998 min Scan# 1344
Delta R.T. 0.030 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

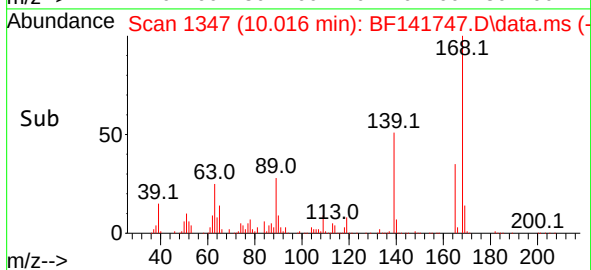
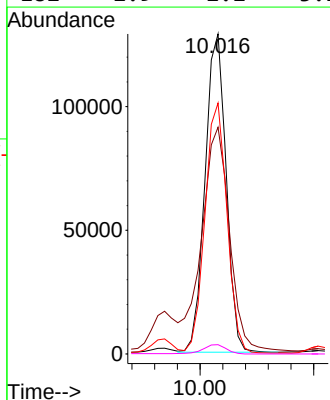
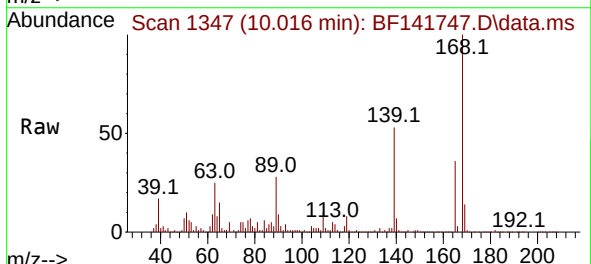
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

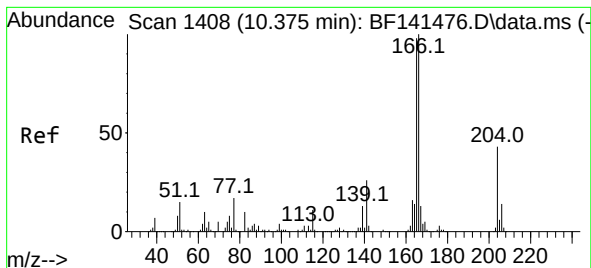
Tgt Ion:139 Resp: 67961
Ion Ratio Lower Upper
139 100
109 77.1 62.0 102.0
65 101.3 91.2 131.2



#57
2,4-Dinitrotoluene
Concen: 47.534 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:165 Resp: 165196
Ion Ratio Lower Upper
165 100
63 70.9 46.4 69.6#
89 78.4 61.8 92.6
182 2.9 2.2 3.2





#58

Fluorene

Concen: 47.222 ng

RT: 10.363 min Scan# 1408

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

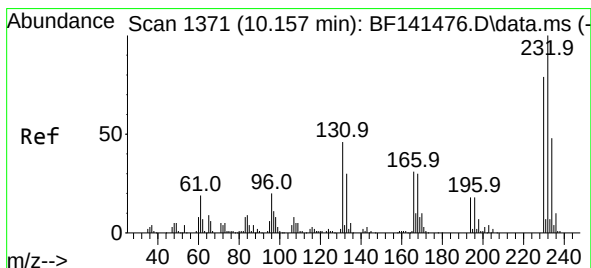
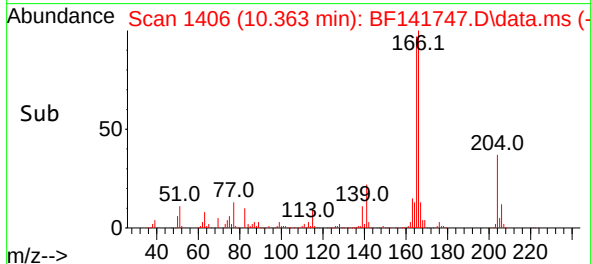
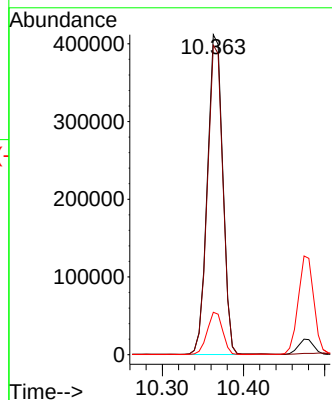
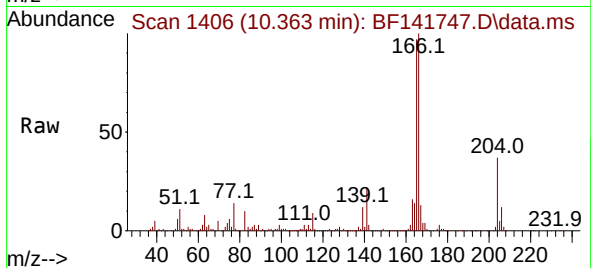
Tgt Ion:166 Resp: 540442

Ion Ratio Lower Upper

166 100

165 96.7 78.2 117.2

167 13.3 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 46.943 ng

RT: 10.145 min Scan# 1369

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Tgt Ion:232 Resp: 144070

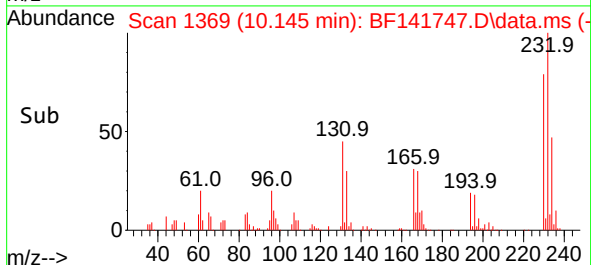
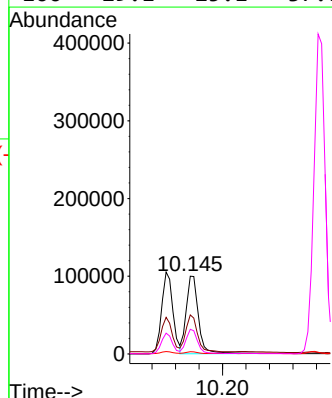
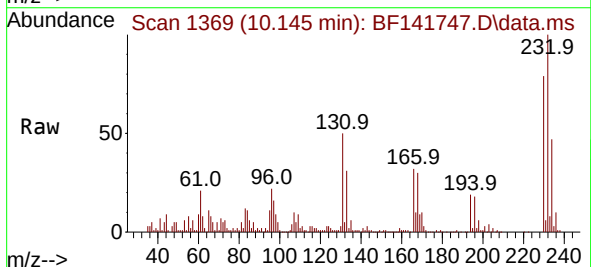
Ion Ratio Lower Upper

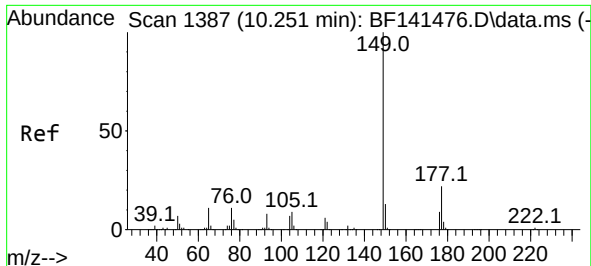
232 100

131 43.7 39.2 58.8

130 2.0 2.1 3.1#

166 29.1 25.1 37.7

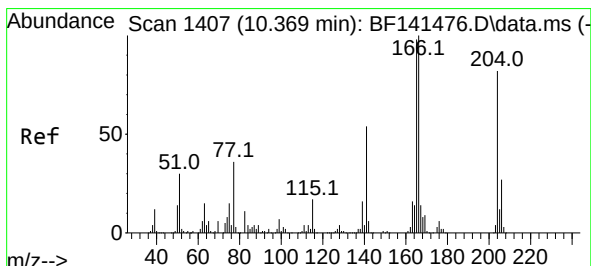
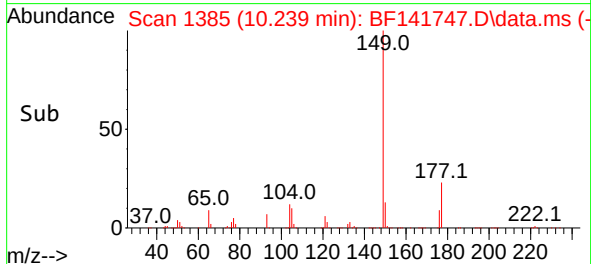
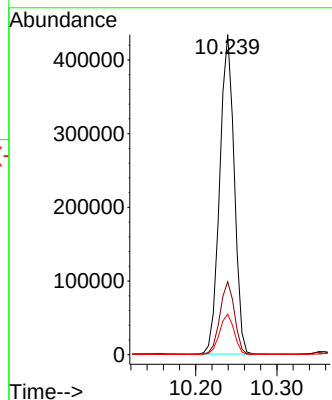
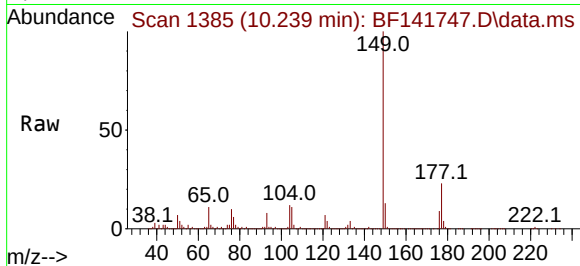




#60
Diethylphthalate
Concen: 45.901 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

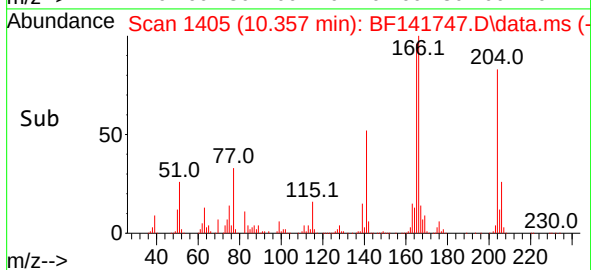
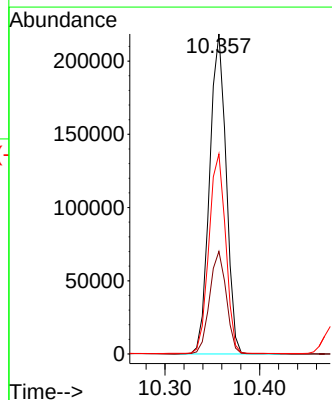
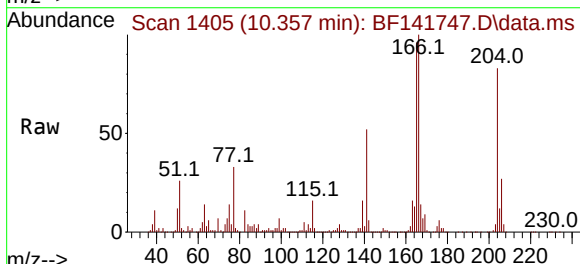
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

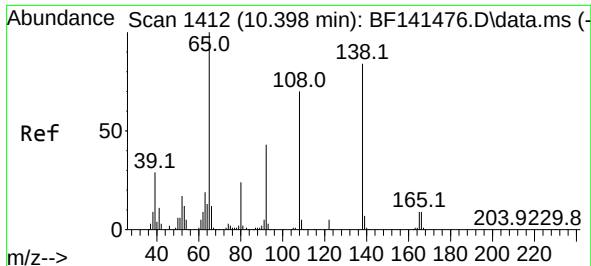
Tgt Ion:149 Resp: 539310
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.6
150 12.7 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 48.197 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:204 Resp: 265367
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 62.5 51.9 77.9

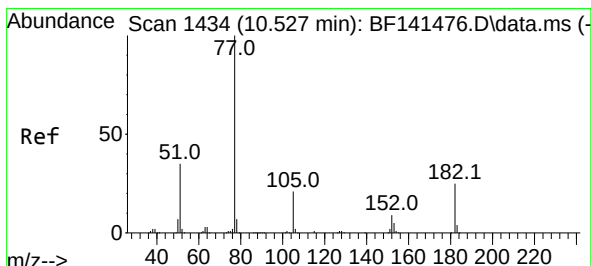
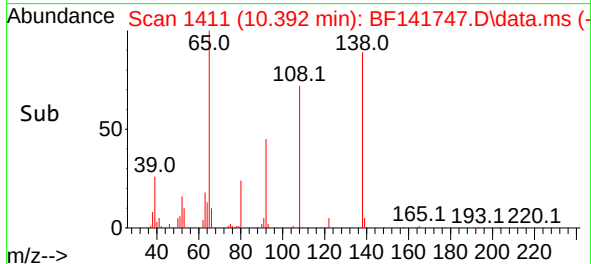
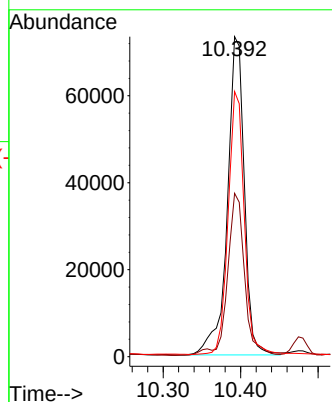
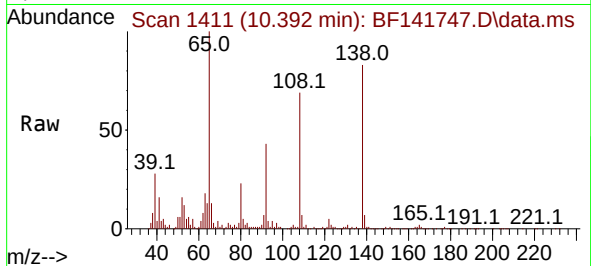




#62
4-Nitroaniline
Concen: 39.141 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

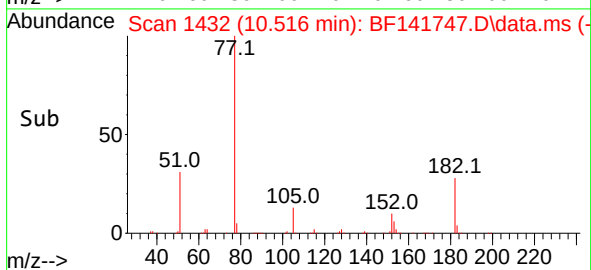
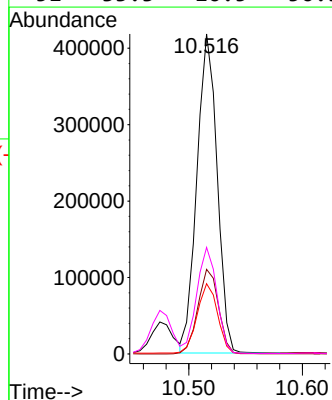
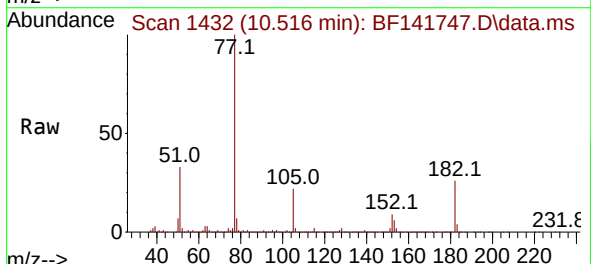
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

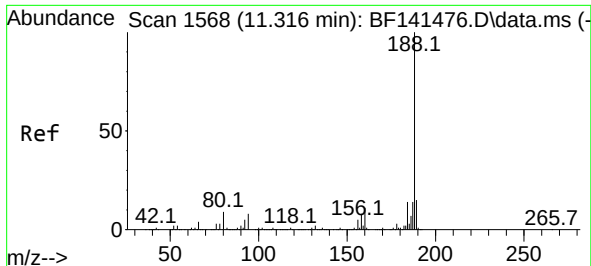
Tgt Ion:138 Resp: 111672
Ion Ratio Lower Upper
138 100
92 51.1 31.3 71.3
108 82.9 63.7 103.7



#63
Azobenzene
Concen: 44.223 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion: 77 Resp: 516547
Ion Ratio Lower Upper
77 100
182 26.4 4.7 44.7
105 22.0 0.4 40.4
51 33.3 16.5 56.5

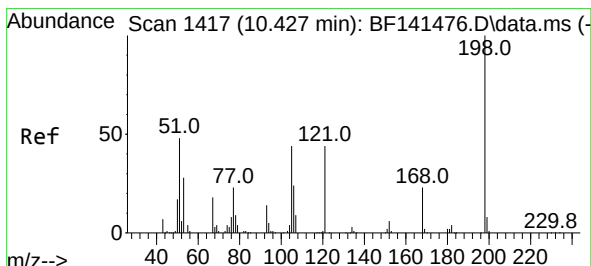
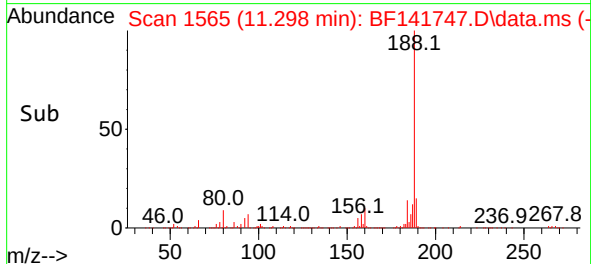
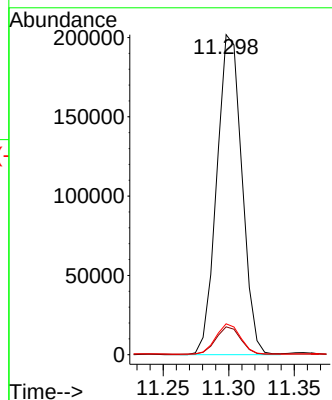
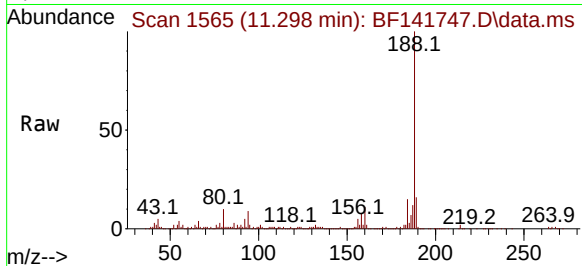




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

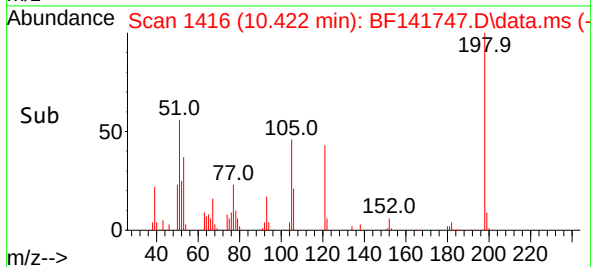
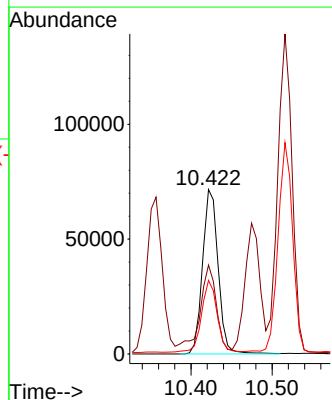
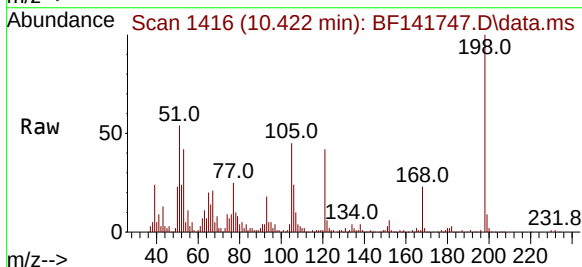
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

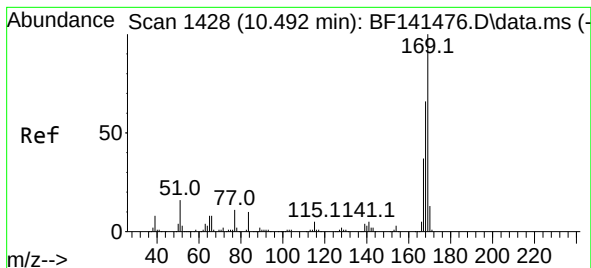
Tgt Ion:188 Resp: 268692
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.7 7.3 10.9



#65
4,6-Dinitro-2-methylphenol
Concen: 51.197 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:198 Resp: 95558
Ion Ratio Lower Upper
198 100
51 54.1 37.4 77.4
105 44.7 25.2 65.2





#66

n-Nitrosodiphenylamine

Concen: 53.718 ng

RT: 10.475 min Scan# 1425

Delta R.T. -0.023 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

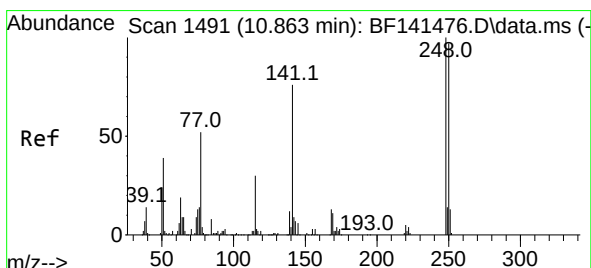
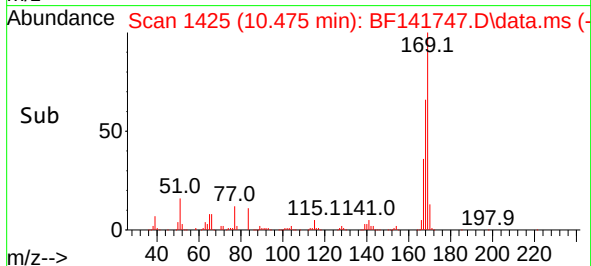
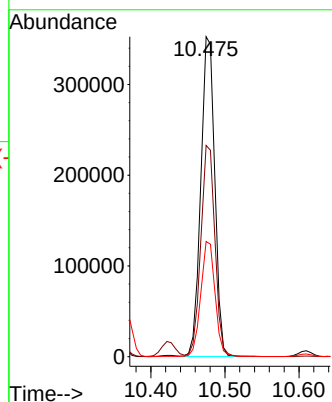
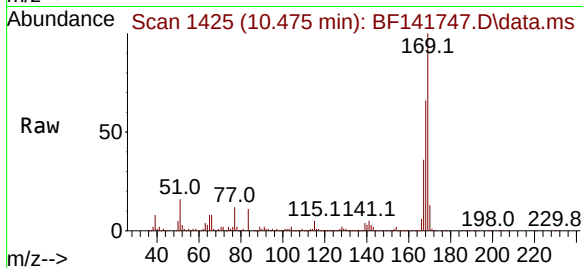
Tgt Ion:169 Resp: 462032

Ion Ratio Lower Upper

169 100

168 66.0 53.3 79.9

167 36.0 29.4 44.2



#67

4-Bromophenyl-phenylether

Concen: 52.963 ng

RT: 10.845 min Scan# 1488

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

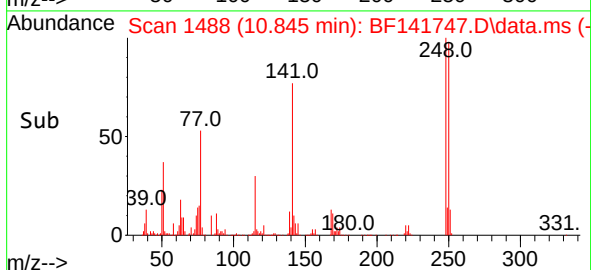
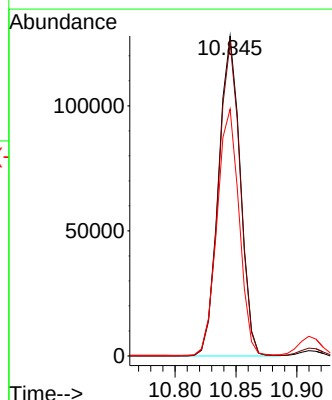
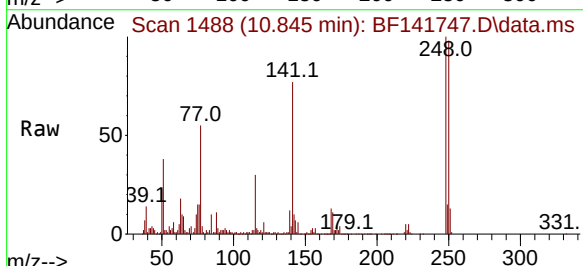
Tgt Ion:248 Resp: 159048

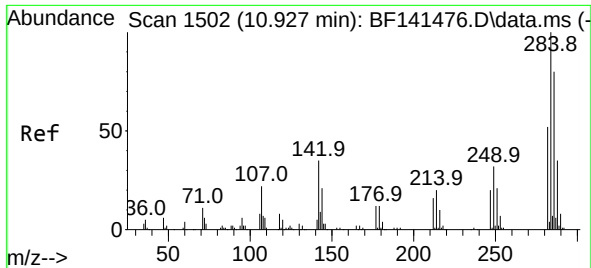
Ion Ratio Lower Upper

248 100

250 98.0 77.8 116.6

141 77.1 60.6 90.8

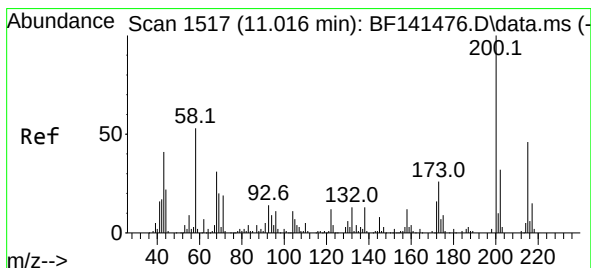
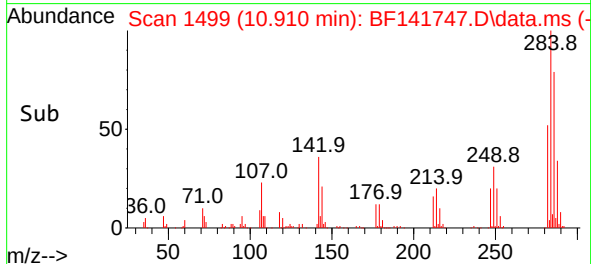
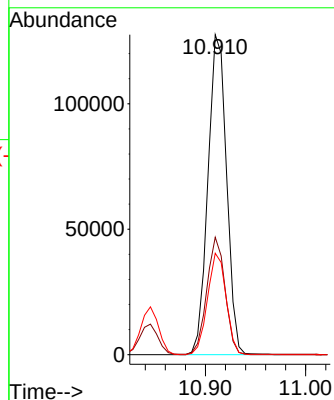
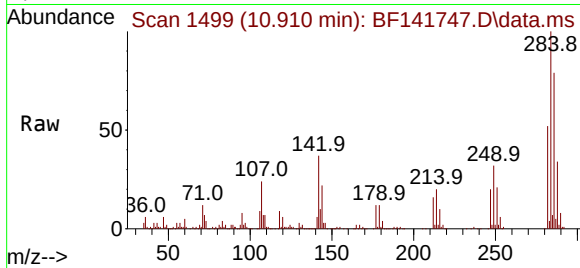




#68
Hexachlorobenzene
Concen: 53.359 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

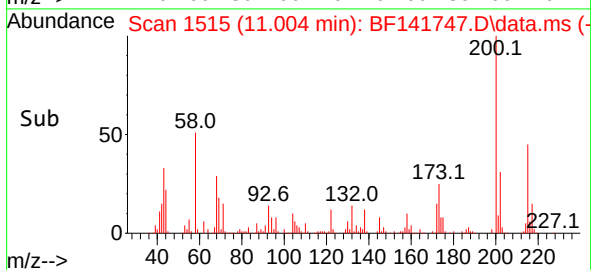
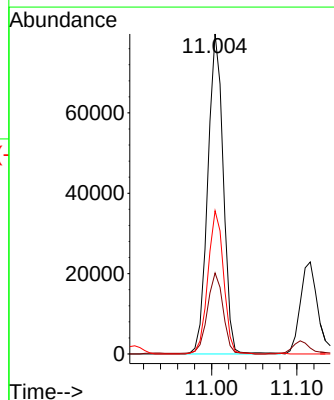
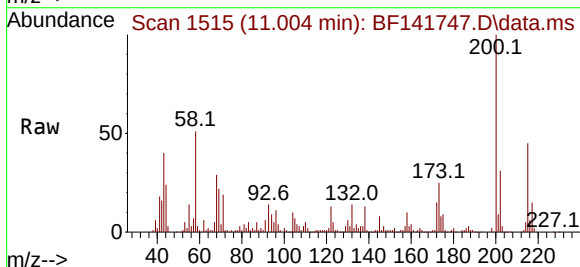
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

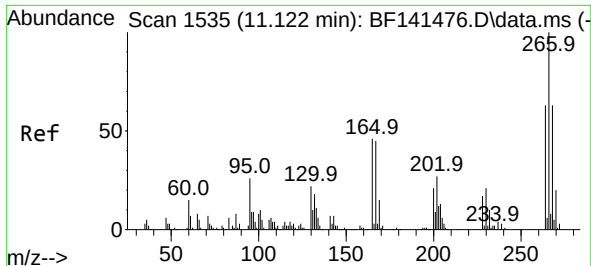
Tgt Ion:284 Resp: 165000
Ion Ratio Lower Upper
284 100
142 36.7 28.0 42.0
249 31.7 25.8 38.8



#69
Atrazine
Concen: 39.015 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.018 min
Lab File: BF141747.D
Acq: 24 Feb 2025 16:38

Tgt Ion:200 Resp: 100671
Ion Ratio Lower Upper
200 100
173 25.3 5.9 45.9
215 44.7 25.9 65.9

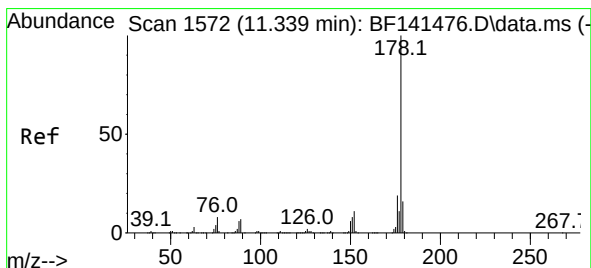
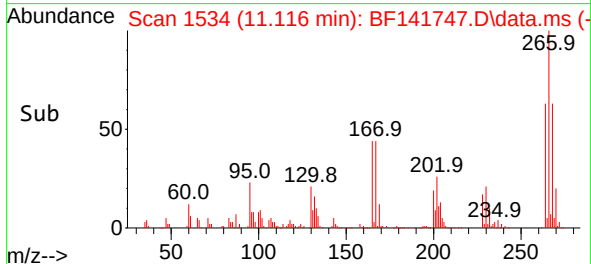
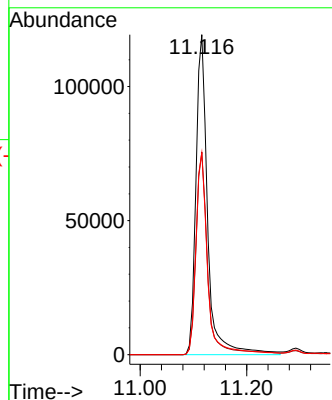
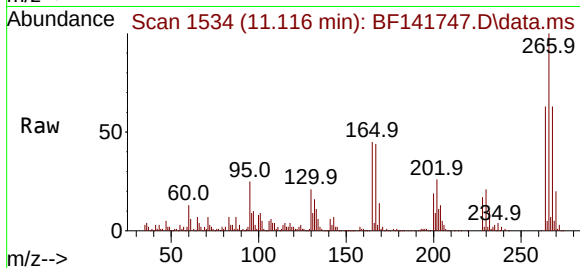




#70
 Pentachlorophenol
 Concen: 92.184 ng
 RT: 11.116 min Scan# 1534
 Delta R.T. -0.012 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

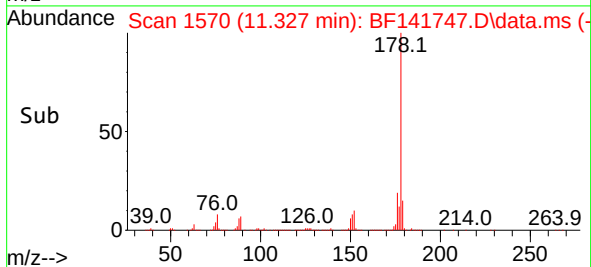
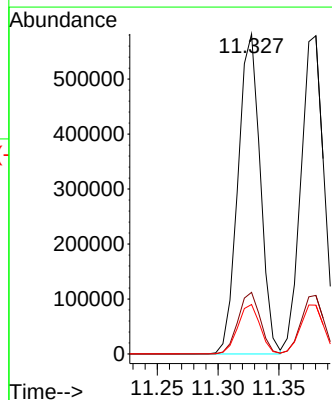
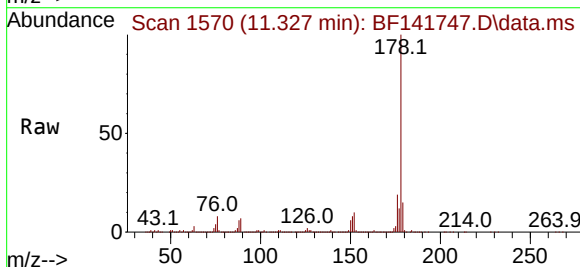
Instrument :
 BNA_F
 ClientSampleId :
 BEL-25-0005MSD

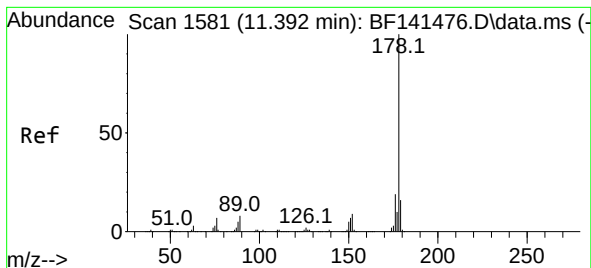
Tgt Ion:266 Resp: 182272
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.1 75.1
 264 63.0 50.1 75.1



#71
 Phenanthrene
 Concen: 50.010 ng
 RT: 11.327 min Scan# 1570
 Delta R.T. -0.018 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

Tgt Ion:178 Resp: 739667
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 15.5 12.4 18.6





#72

Anthracene

Concen: 51.221 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

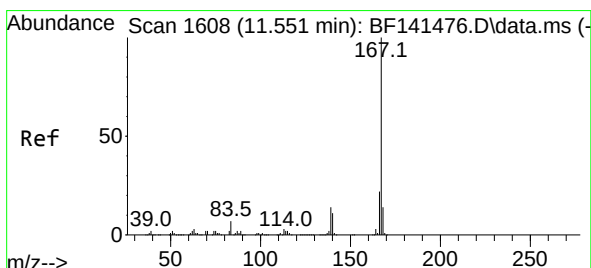
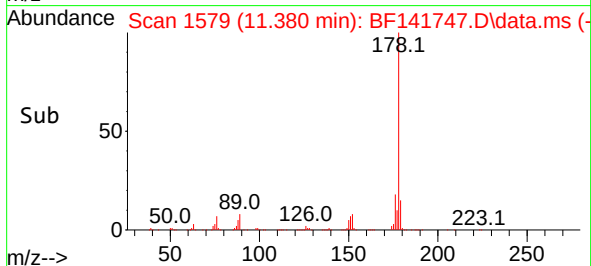
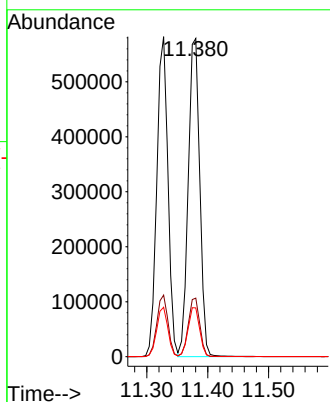
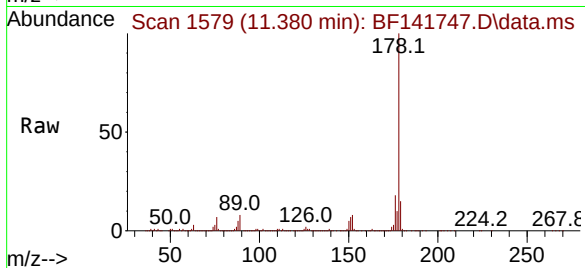
Tgt Ion:178 Resp: 761538

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.3 12.4 18.6



#73

Carbazole

Concen: 45.503 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

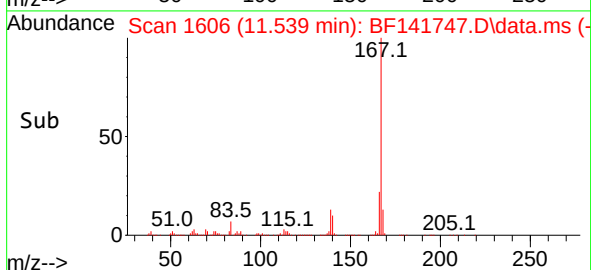
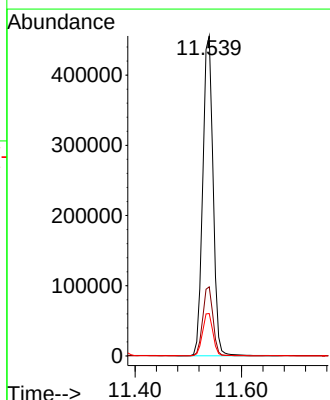
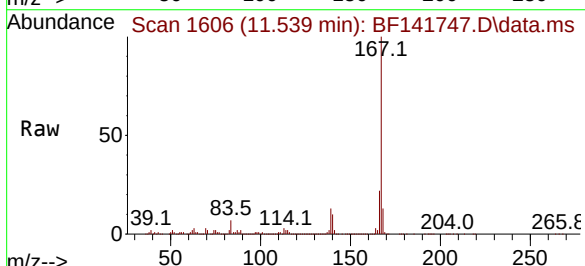
Tgt Ion:167 Resp: 608730

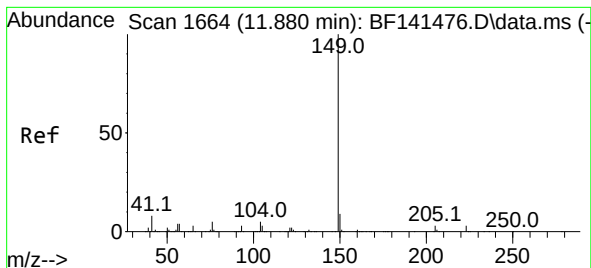
Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.3 10.9 16.3





#74

Di-n-butylphthalate

Concen: 48.419 ng

RT: 11.863 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

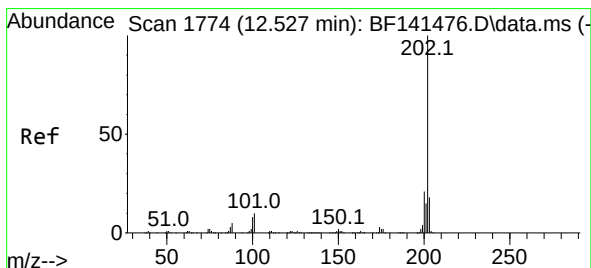
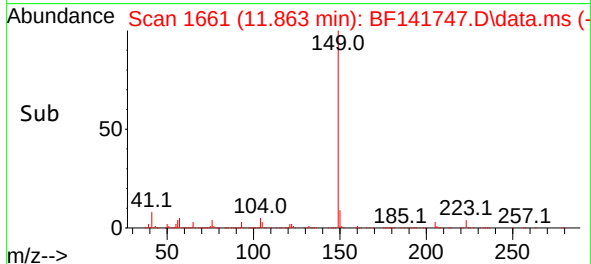
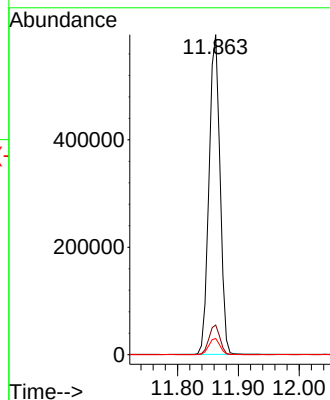
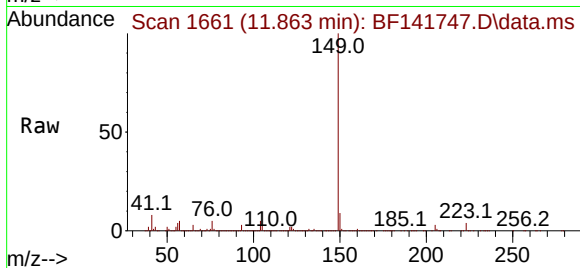
Tgt Ion:149 Resp: 747931

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.2 6.2



#75

Fluoranthene

Concen: 42.896 ng

RT: 12.516 min Scan# 1772

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

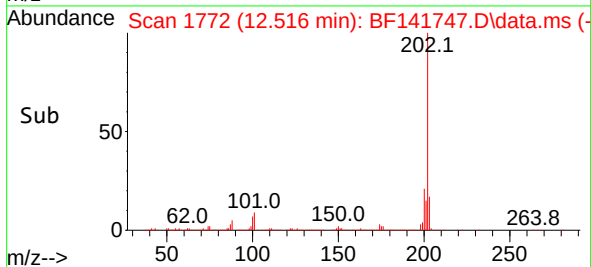
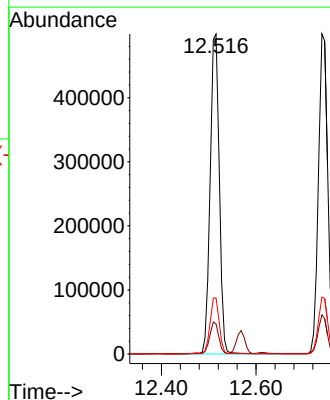
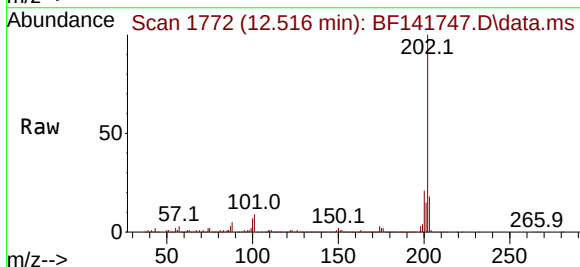
Tgt Ion:202 Resp: 672632

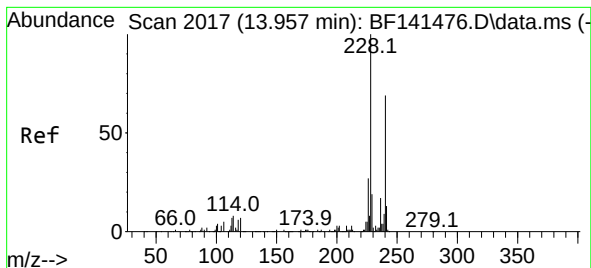
Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.2

203 17.5 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

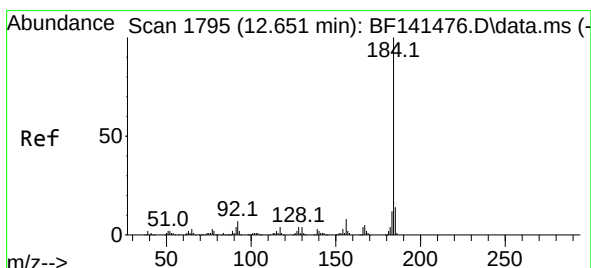
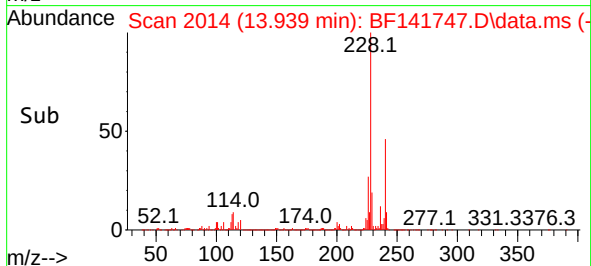
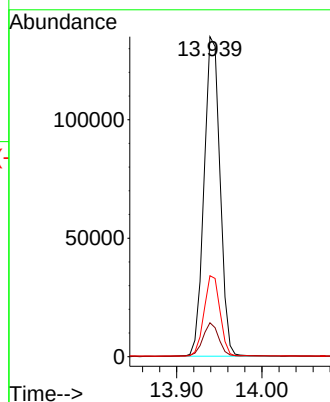
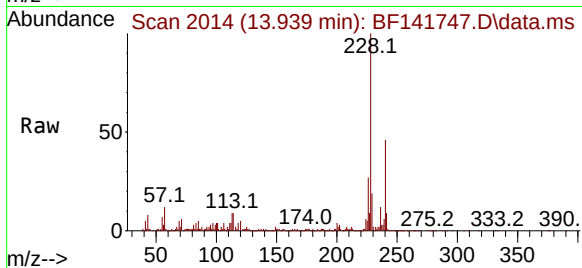
Tgt Ion:240 Resp: 175624

Ion Ratio Lower Upper

240 100

120 10.6 8.0 12.0

236 25.3 19.8 29.8



#77

Benzidine

Concen: 17.577 ng

RT: 12.645 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

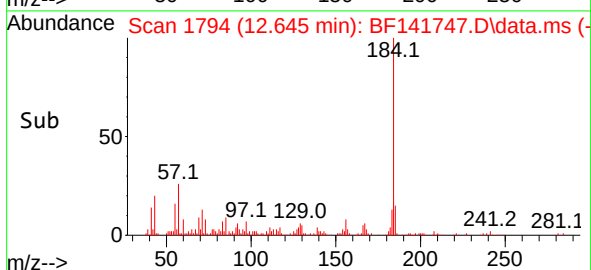
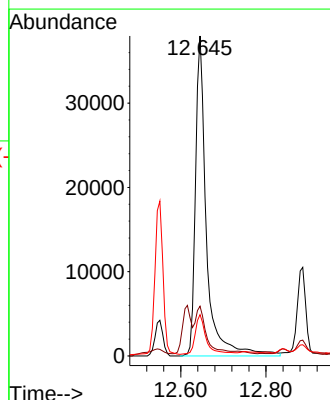
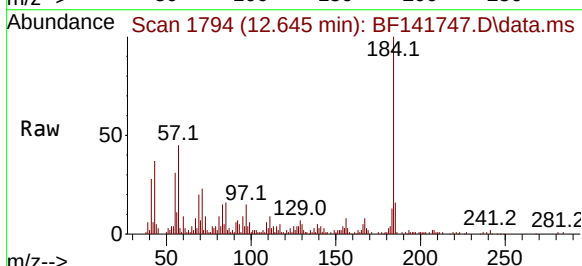
Tgt Ion:184 Resp: 68080

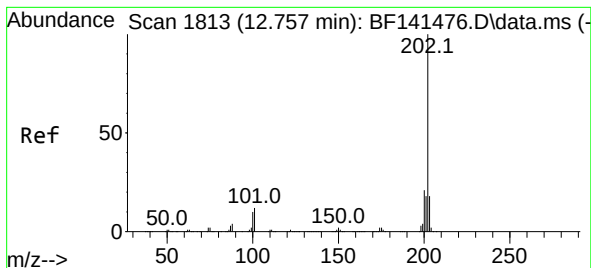
Ion Ratio Lower Upper

184 100

185 15.5 11.3 16.9

183 12.9 9.3 13.9





#78

Pyrene

Concen: 44.901 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.023 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

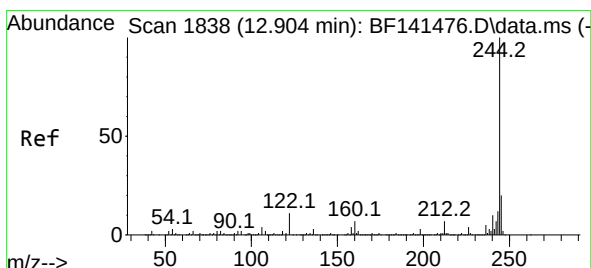
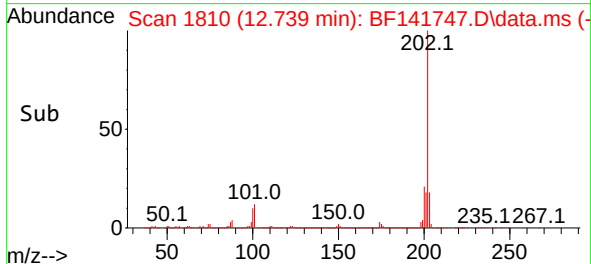
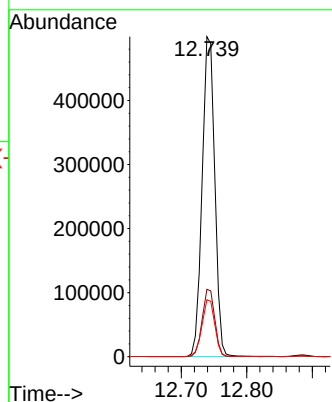
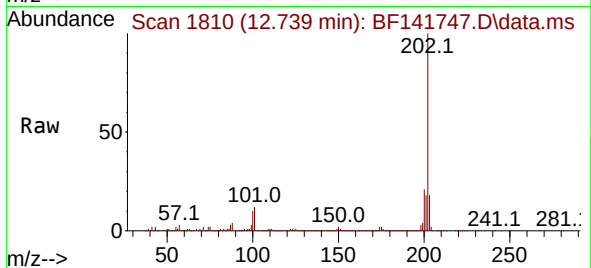
Tgt Ion:202 Resp: 671281

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.8 14.3 21.5



#79

Terphenyl-d14

Concen: 102.487 ng

RT: 12.886 min Scan# 1835

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

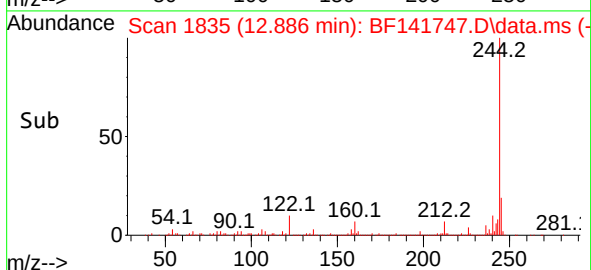
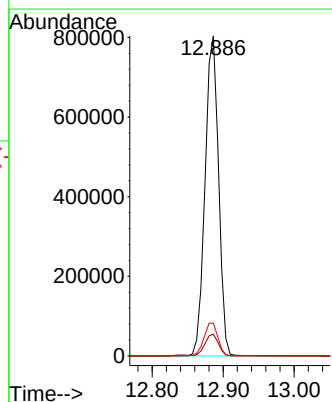
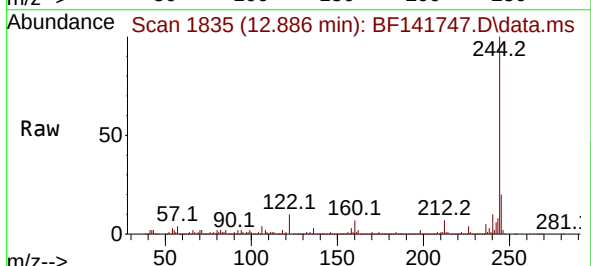
Tgt Ion:244 Resp: 1066198

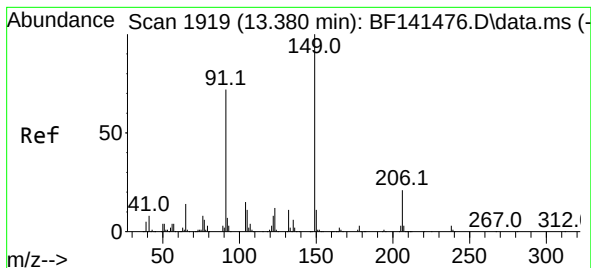
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.2 8.4 12.6





#80

Butylbenzylphthalate

Concen: 50.147 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

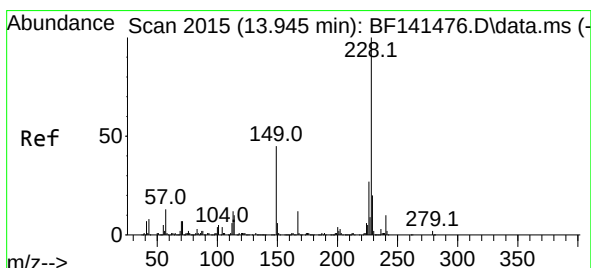
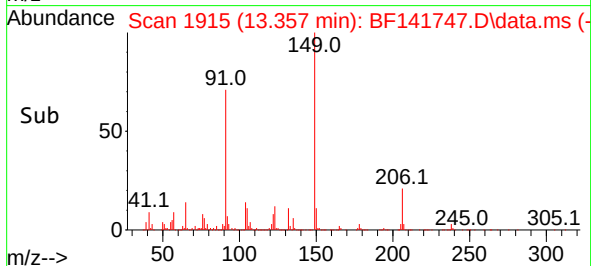
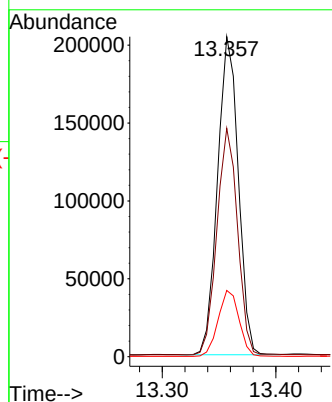
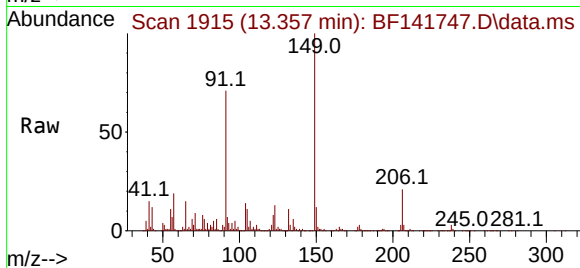
Tgt Ion:149 Resp: 259680

Ion Ratio Lower Upper

149 100

91 71.3 57.8 86.8

206 20.7 16.7 25.1



#81

Benzo(a)anthracene

Concen: 51.842 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.018 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

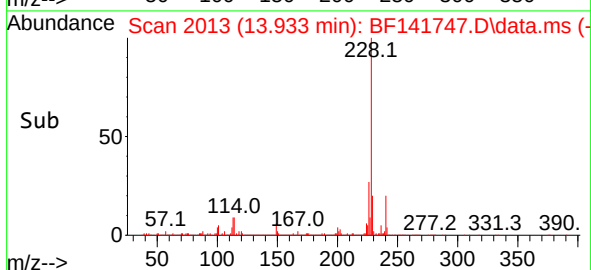
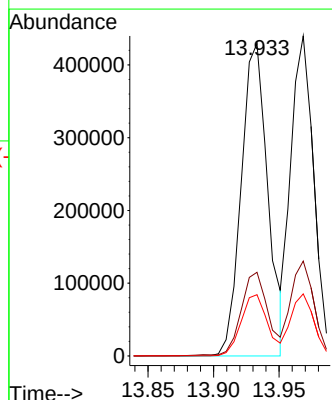
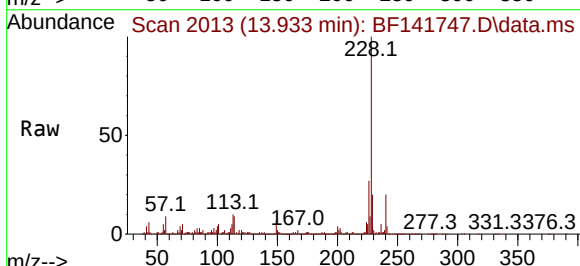
Tgt Ion:228 Resp: 605224

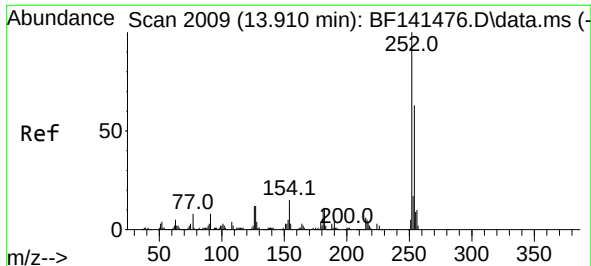
Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.6 15.8 23.6

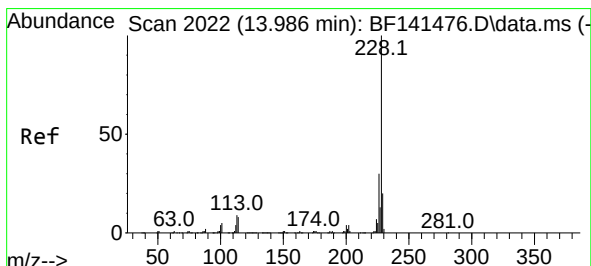
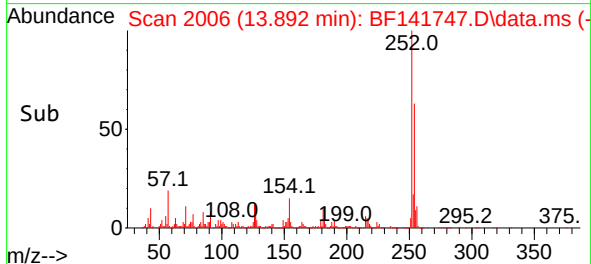
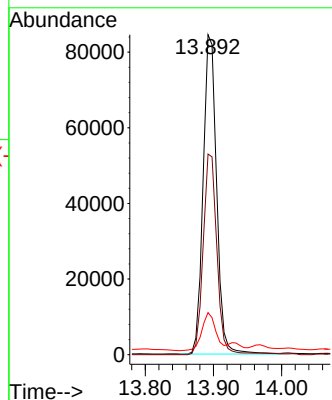
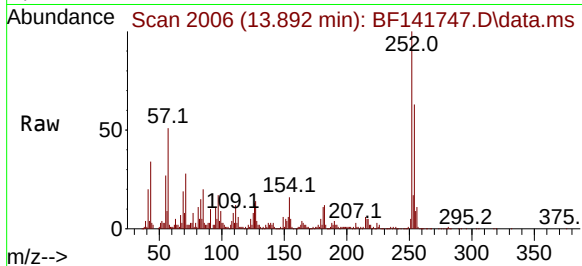




#82
 3,3'-Dichlorobenzidine
 Concen: 34.744 ng
 RT: 13.892 min Scan# 2019
 Delta R.T. -0.023 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

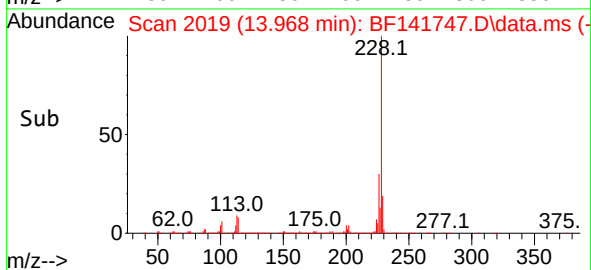
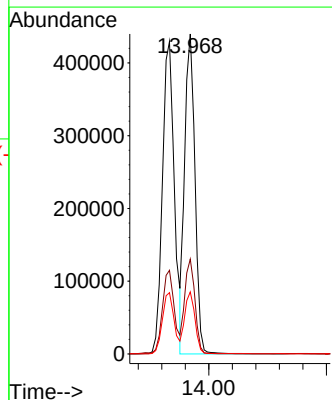
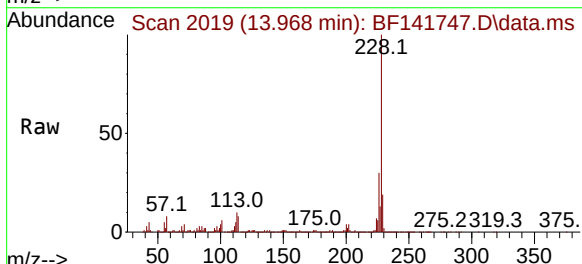
Instrument :
 BNA_F
 ClientSampleId :
 BEL-25-0005MSD

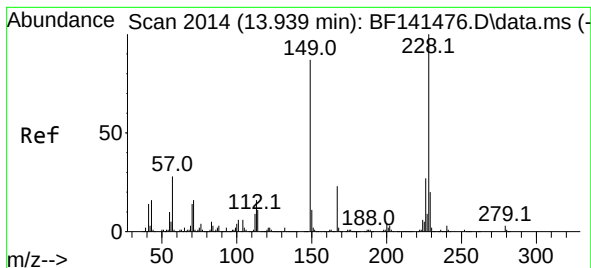
Tgt Ion:252 Resp: 116191
 Ion Ratio Lower Upper
 252 100
 254 62.7 50.6 76.0
 126 13.2 9.3 13.9



#83
 Chrysene
 Concen: 49.612 ng
 RT: 13.968 min Scan# 2019
 Delta R.T. -0.023 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

Tgt Ion:228 Resp: 534786
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.0 36.0
 229 19.4 15.7 23.5

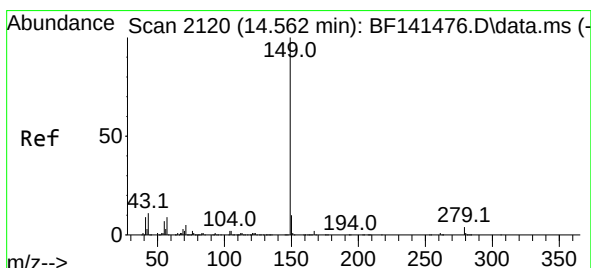
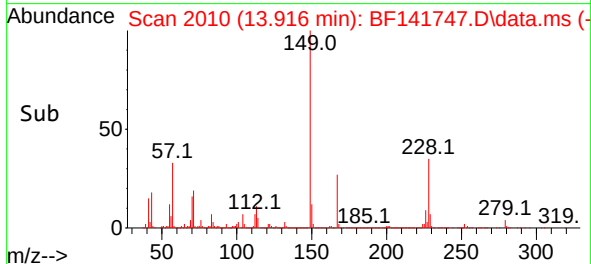
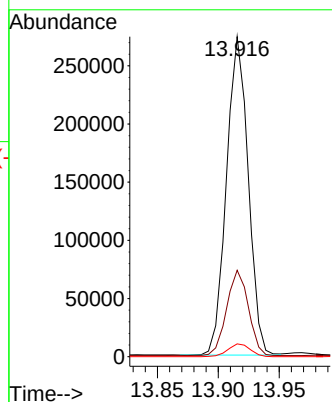
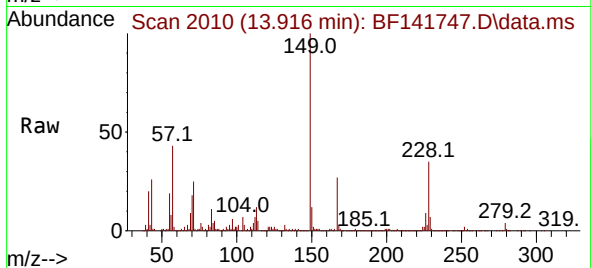




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.287 ng
 RT: 13.916 min Scan# 2010
 Delta R.T. -0.023 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

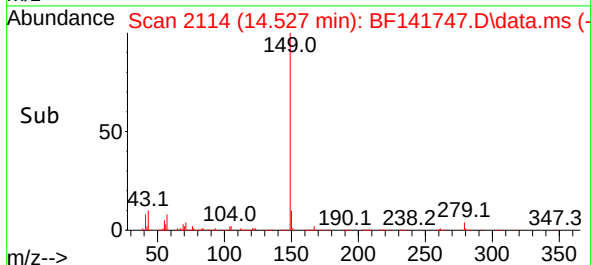
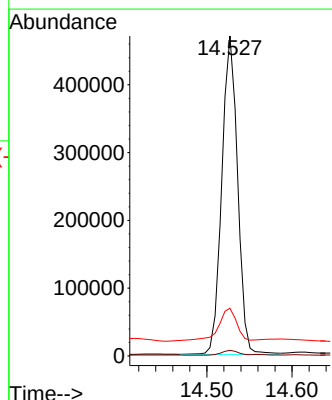
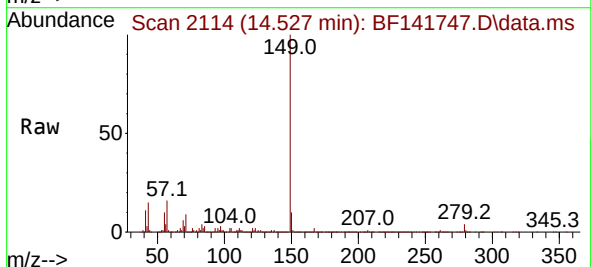
Instrument :
 BNA_F
 ClientSampleId :
 BEL-25-0005MSD

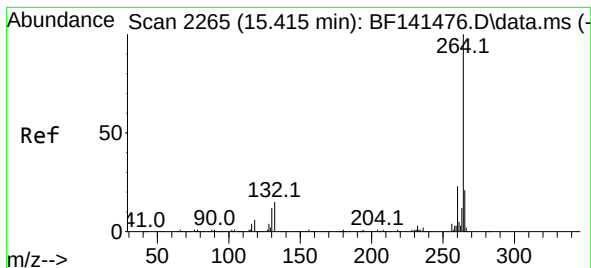
Tgt Ion:149 Resp: 340420
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.4 32.0
 279 4.0 3.1 4.7



#85
 Di-n-octyl phthalate
 Concen: 72.646 ng
 RT: 14.527 min Scan# 2114
 Delta R.T. -0.035 min
 Lab File: BF141747.D
 Acq: 24 Feb 2025 16:38

Tgt Ion:149 Resp: 605276
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.1 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

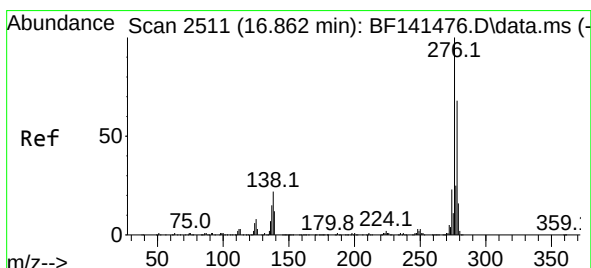
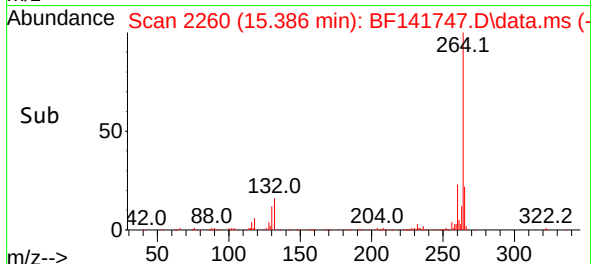
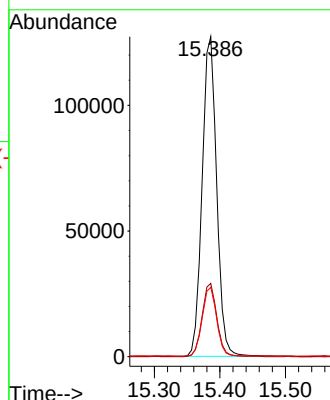
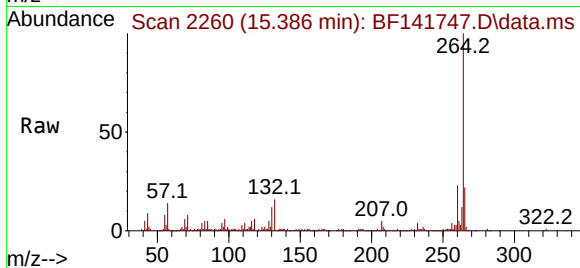
Tgt Ion:264 Resp: 195910

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.7 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.891 ng

RT: 16.821 min Scan# 2504

Delta R.T. -0.053 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

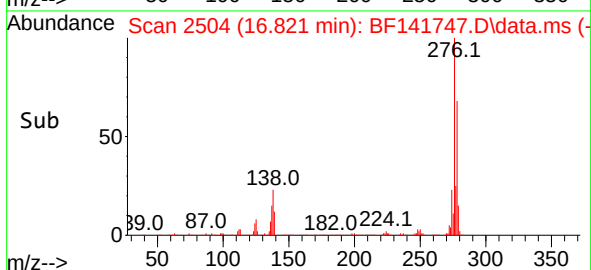
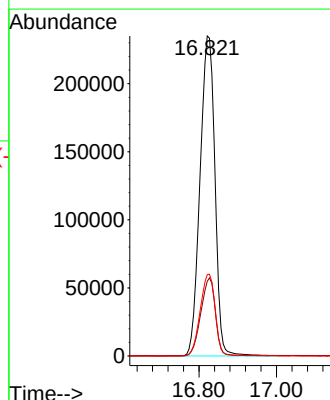
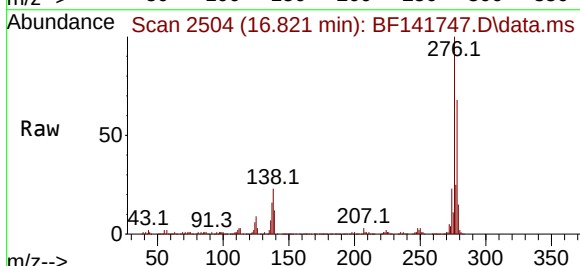
Tgt Ion:276 Resp: 628141

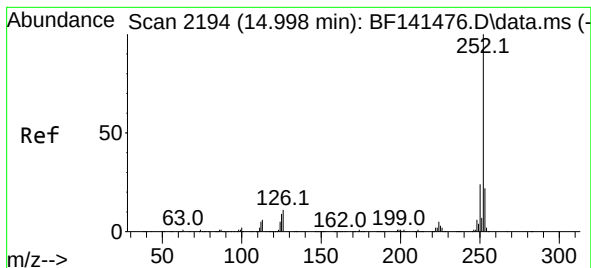
Ion Ratio Lower Upper

276 100

138 23.4 18.0 27.0

277 25.7 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 43.084 ng

RT: 14.968 min Scan# 2119

Delta R.T. -0.035 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

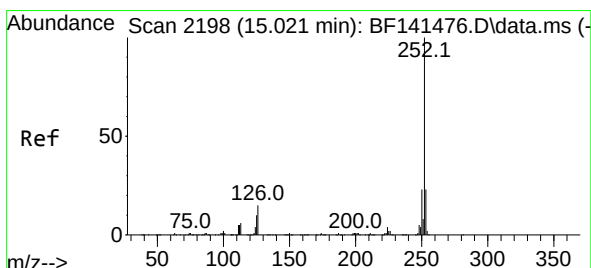
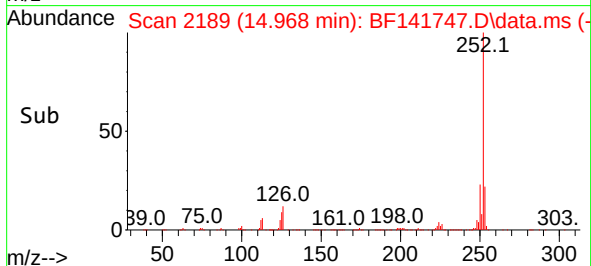
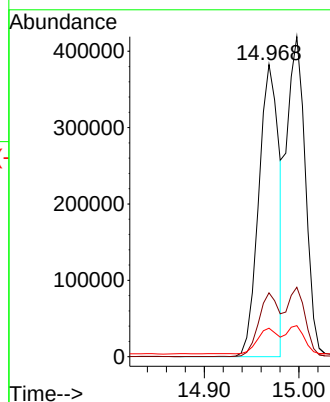
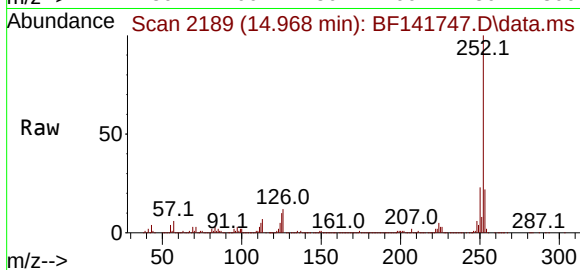
Tgt Ion:252 Resp: 566739

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.8 7.0 10.6



#89

Benzo(k)fluoranthene

Concen: 51.015 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.035 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

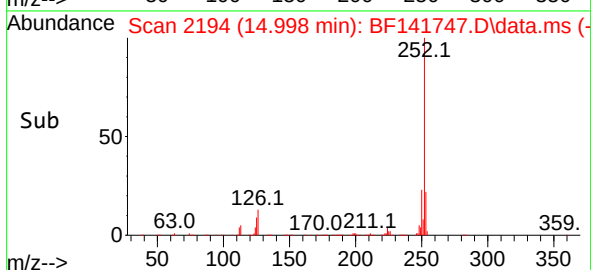
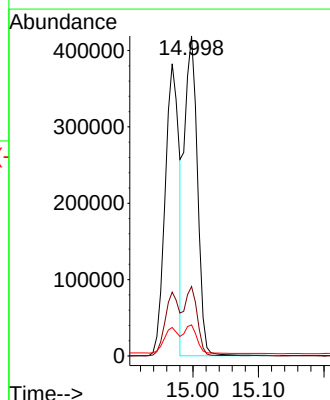
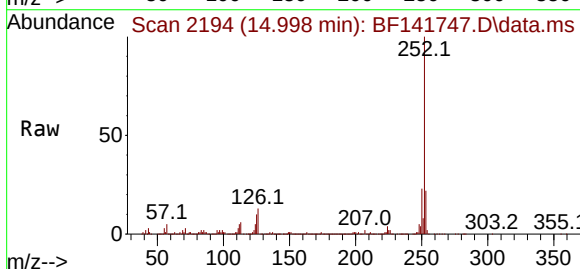
Tgt Ion:252 Resp: 573038

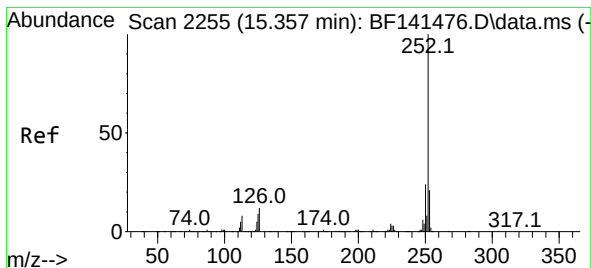
Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 9.7 7.4 11.0





#90

Benzo(a)pyrene

Concen: 52.022 ng

RT: 15.327 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD

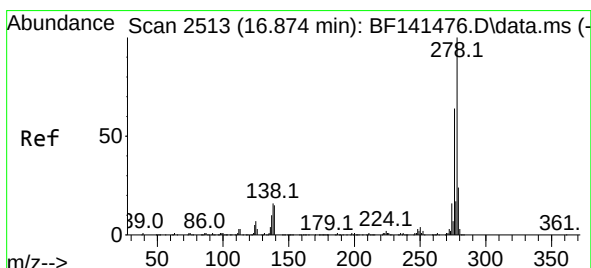
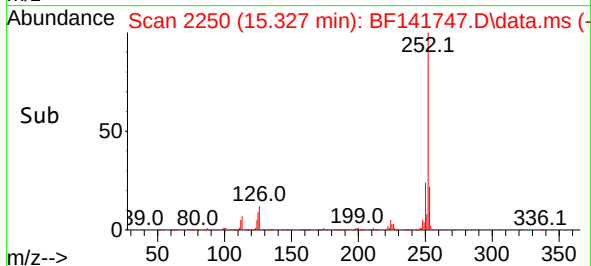
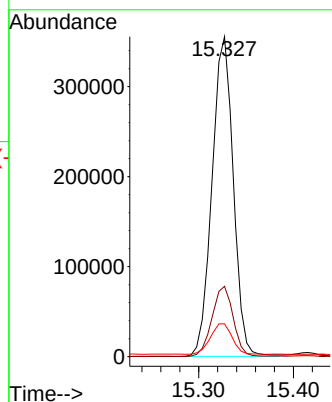
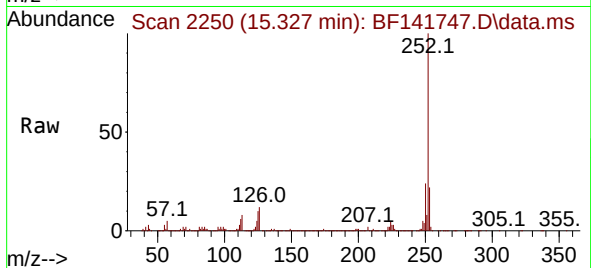
Tgt Ion:252 Resp: 553726

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 10.2 7.4 11.2



#91

Dibenzo(a,h)anthracene

Concen: 52.405 ng

RT: 16.833 min Scan# 2506

Delta R.T. -0.059 min

Lab File: BF141747.D

Acq: 24 Feb 2025 16:38

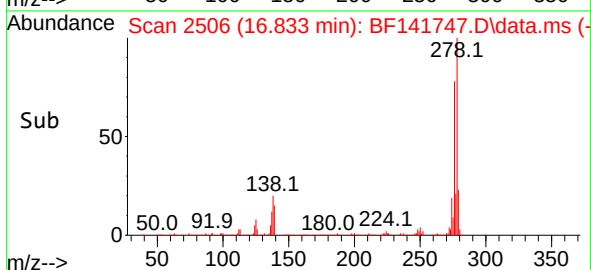
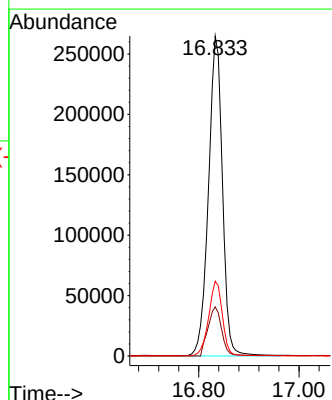
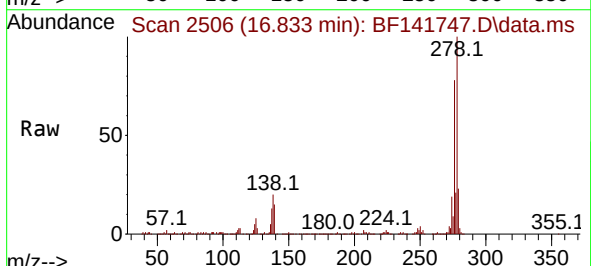
Tgt Ion:278 Resp: 514016

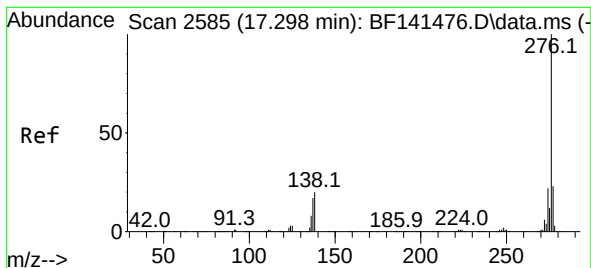
Ion Ratio Lower Upper

278 100

139 15.3 11.8 17.6

279 23.4 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 45.735 ng

RT: 17.251 min Scan# 21

Delta R.T. -0.065 min

Lab File: BF141747.D

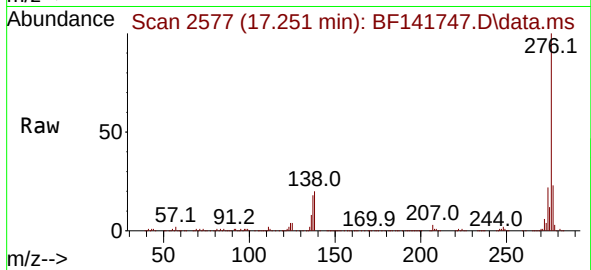
Acq: 24 Feb 2025 16:38

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005MSD



Tgt Ion:276 Resp: 469435

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 20.0 15.9 23.9

