

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144022.D
 Acq On : 21 Oct 2025 19:58
 Operator : RC/JU
 Sample : Q3402-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41-LBMSD

Quant Time: Oct 22 11:11:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	105784	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	388491	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	194134	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	286809	20.00	ng	0.00
76) Chrysene-d12	14.063	240	223920	20.00	ng	0.00
86) Perylene-d12	15.545	264	293398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	618906	92.91	ng	0.00
7) Phenol-d6	6.510	99	729330	91.85	ng	0.00
23) Nitrobenzene-d5	7.445	82	400768	62.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	145268	75.13	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	534920	43.72	ng	-0.01
79) Terphenyl-d14	12.998	244	450251	34.37	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	134906	43.76	ng	96
3) Pyridine	3.452	79	377009	42.01	ng	98
4) n-Nitrosodimethylamine	3.405	42	225971	47.87	ng	94
6) Aniline	6.546	93	412091	34.63	ng	97
8) 2-Chlorophenol	6.669	128	314010	48.22	ng	97
9) Benzaldehyde	6.434	77	171182	27.95	ng	99
10) Phenol	6.522	94	470825	49.60	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	353592	48.22	ng	98
12) 1,3-Dichlorobenzene	6.822	146	371669	47.68	ng	99
13) 1,4-Dichlorobenzene	6.898	146	375293	48.81	ng	99
14) 1,2-Dichlorobenzene	7.051	146	363754	49.39	ng	98
15) Benzyl Alcohol	7.022	79	292141	49.11	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	792872	47.50	ng	99
17) 2-Methylphenol	7.134	107	254720	47.33	ng	99
18) Hexachloroethane	7.393	117	122779	47.88	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	242161	44.56	ng	97
20) 3+4-Methylphenols	7.287	107	291162	46.68	ng	# 69
22) Acetophenone	7.293	105	442786	53.90	ng	99
24) Nitrobenzene	7.463	77	364151	51.28	ng	99
25) Isophorone	7.704	82	643056	47.69	ng	98
26) 2-Nitrophenol	7.781	139	175307	57.58	ng	97
27) 2,4-Dimethylphenol	7.816	122	294576	53.79	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	418504	49.14	ng	99
29) 2,4-Dichlorophenol	8.022	162	265392	46.52	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	285429	50.88	ng	98
31) Naphthalene	8.187	128	845626	47.85	ng	100
32) Benzoic acid	7.928	122	203422	53.67	ng	98
33) 4-Chloroaniline	8.234	127	126445	19.08	ng	98
34) Hexachlorobutadiene	8.304	225	186031	47.72	ng	98
35) Caprolactam	8.604	113	89234	49.20	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	248388	45.33	ng	99
37) 2-Methylnaphthalene	8.881	142	493824	41.95	ng	97
38) 1-Methylnaphthalene	8.975	142	505391	44.26	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	296244	55.21	ng	99
41) Hexachlorocyclopentadiene	9.034	237	227968	102.41	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	191391	48.82	ng	97

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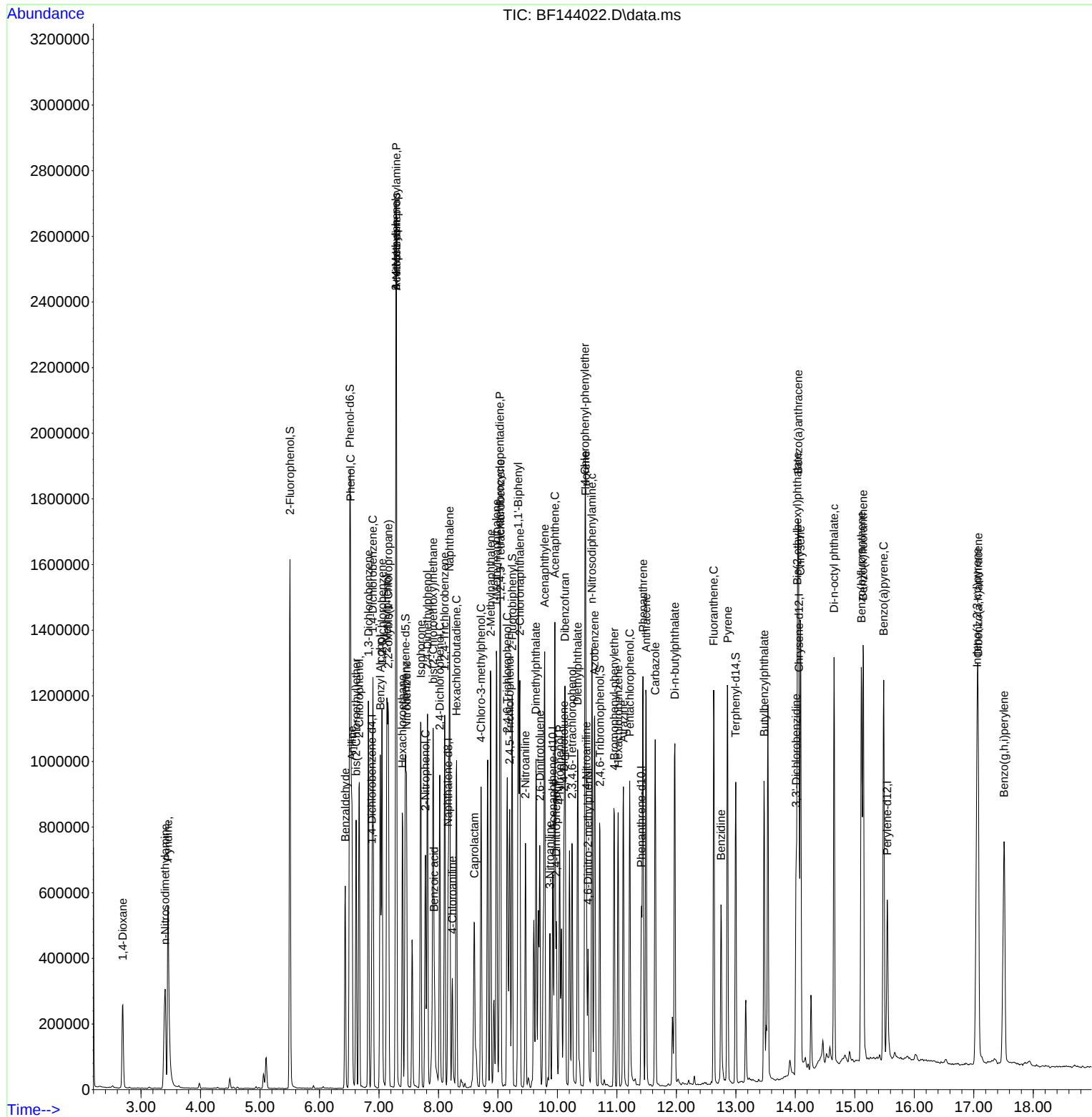
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	199399	48.13	ng	99
46) 1,1'-Biphenyl	9.339	154	699744	54.44	ng	98
47) 2-Chloronaphthalene	9.369	162	529818	49.44	ng	97
48) 2-Nitroaniline	9.463	65	179609	53.01	ng	98
49) Acenaphthylene	9.787	152	823759	54.68	ng	100
50) Dimethylphthalate	9.639	163	611995	49.64	ng	99
51) 2,6-Dinitrotoluene	9.704	165	130428	57.05	ng	95
52) Acenaphthene	9.957	154	486738	49.30	ng	100
53) 3-Nitroaniline	9.875	138	97528	34.84	ng	99
54) 2,4-Dinitrophenol	9.981	184	109640	77.95	ng	94
55) Dibenzofuran	10.128	168	657401	47.17	ng	99
56) 4-Nitrophenol	10.039	139	175713	82.91	ng	98
57) 2,4-Dinitrotoluene	10.110	165	168424	54.15	ng	97
58) Fluorene	10.475	166	495457	47.12	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	133635	45.57	ng	99
60) Diethylphthalate	10.339	149	547114	47.77	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	254519	45.78	ng	97
62) 4-Nitroaniline	10.486	138	122960	45.68	ng	93
63) Azobenzene	10.622	77	615682	51.44	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	85035	59.00	ng	96
66) n-Nitrosodiphenylamine	10.581	169	495231	54.99	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	157374	49.65	ng	98
68) Hexachlorobenzene	11.022	284	170411	46.44	ng	99
69) Atrazine	11.110	200	148200	54.30	ng	99
70) Pentachlorophenol	11.216	266	183498	87.07	ng	97
71) Phenanthrene	11.439	178	685938	49.33	ng	99
72) Anthracene	11.492	178	706739	50.31	ng	100
73) Carbazole	11.645	167	615869	49.50	ng	99
74) Di-n-butylphthalate	11.975	149	753521	52.26	ng	99
75) Fluoranthene	12.627	202	705704	49.14	ng	99
77) Benzidine	12.751	184	341647	43.94	ng	97
78) Pyrene	12.863	202	738321	39.55	ng	100
80) Butylbenzylphthalate	13.475	149	297568	49.08	ng	100
81) Benzo(a)anthracene	14.051	228	751378	51.28	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	207789	46.53	ng	99
83) Chrysene	14.086	228	720720	53.14	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	417651	57.15	ng	98
85) Di-n-octyl phthalate	14.651	149	803920	66.97	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	866474	48.20	ng	98
88) Benzo(b)fluoranthene	15.110	252	827497	49.10	ng	99
89) Benzo(k)fluoranthene	15.139	252	725032	46.49	ng	98
90) Benzo(a)pyrene	15.486	252	766944	52.48	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	705803	48.81	ng	98
92) Benzo(g,h,i)perylene	17.510	276	666626	46.10	ng	97

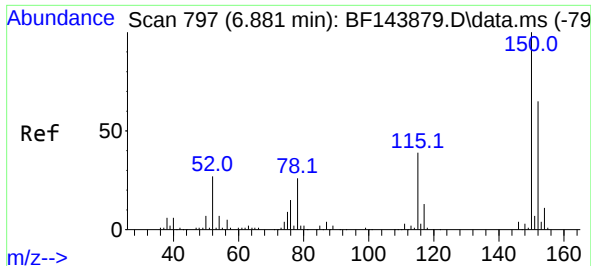
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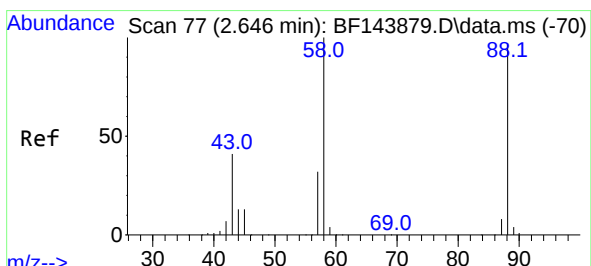
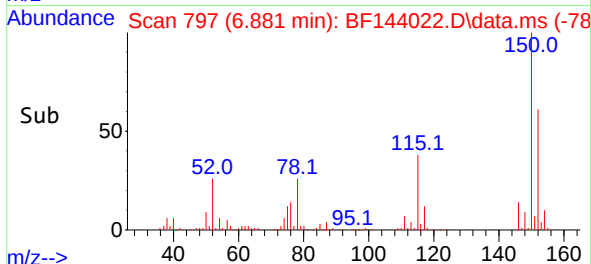
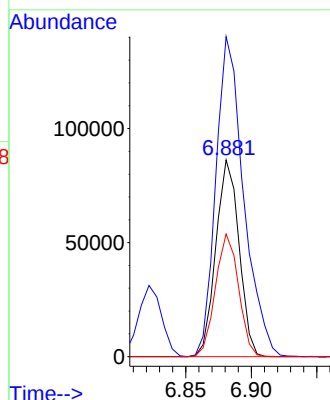
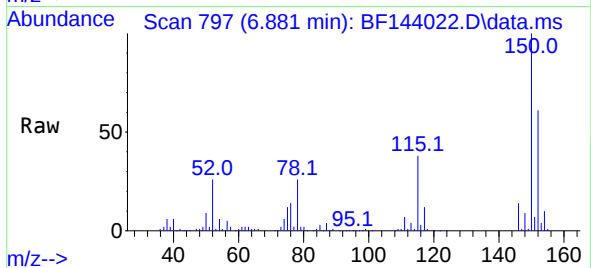




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF144022.D
 Acq: 21 Oct 2025 19:58

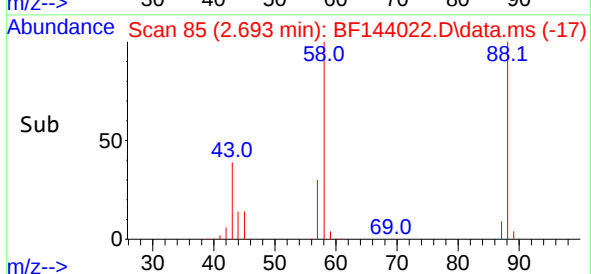
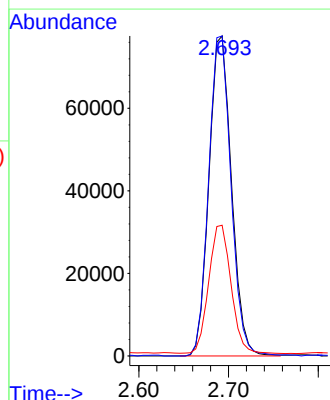
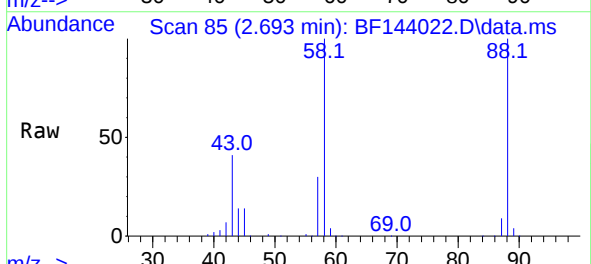
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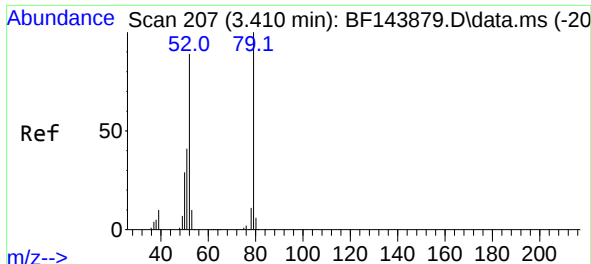
Tgt Ion:152 Resp: 105784
 Ion Ratio Lower Upper
 152 100
 150 162.6 124.4 186.6
 115 62.4 48.1 72.1



#2
 1,4-Dioxane
 Concen: 43.76 ng
 RT: 2.693 min Scan# 85
 Delta R.T. 0.047 min
 Lab File: BF144022.D
 Acq: 21 Oct 2025 19:58

Tgt Ion: 88 Resp: 134906
 Ion Ratio Lower Upper
 88 100
 58 99.6 83.0 124.6
 43 39.8 33.9 50.9

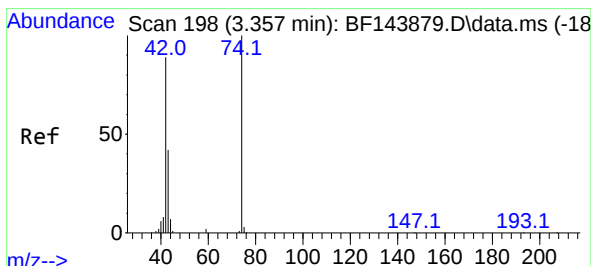
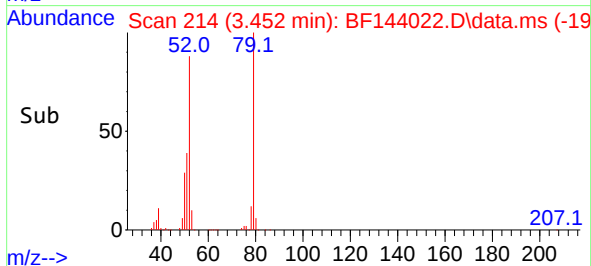
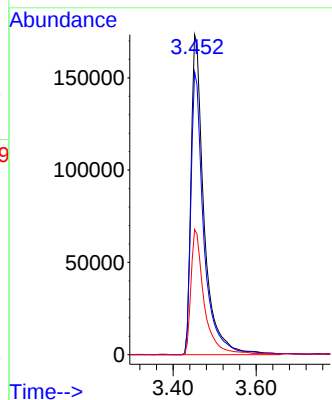
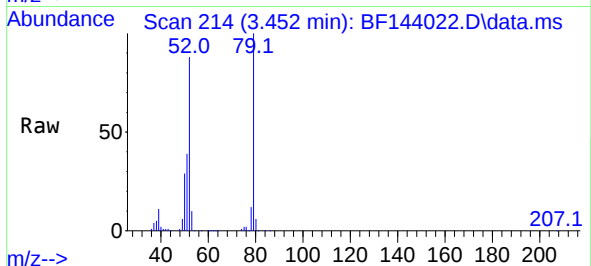




#3
Pyridine
Concen: 42.01 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.036 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

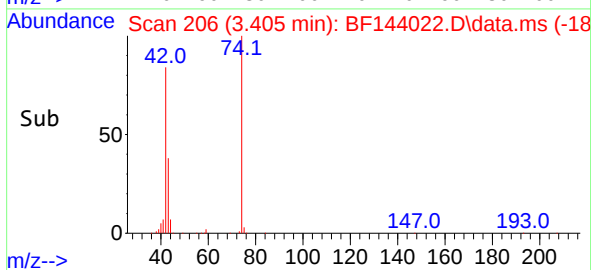
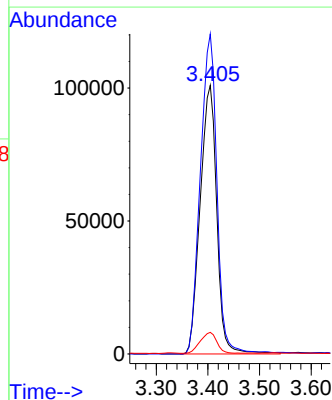
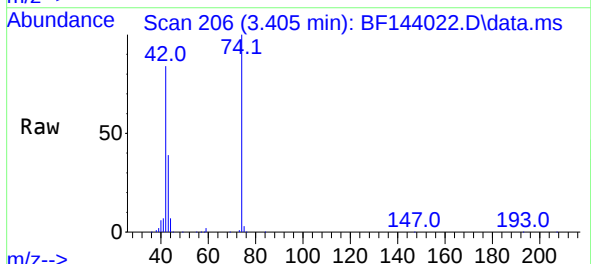
Instrument :
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ClientSampleId :
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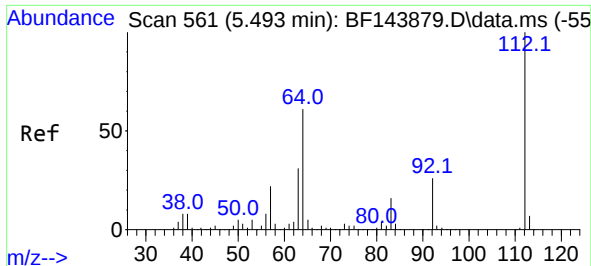
Tgt Ion: 79 Resp: 377009
Ion Ratio Lower Upper
79 100
52 88.3 71.5 107.3
51 39.1 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 47.87 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.018 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 42 Resp: 225971
Ion Ratio Lower Upper
42 100
74 119.1 90.0 135.0
44 8.1 6.2 9.2

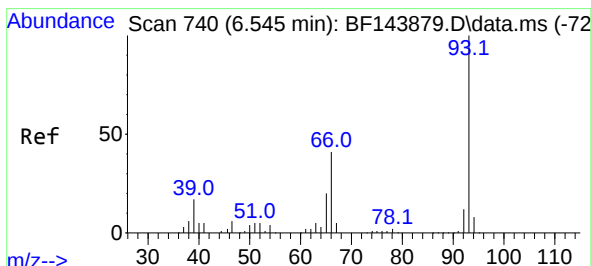
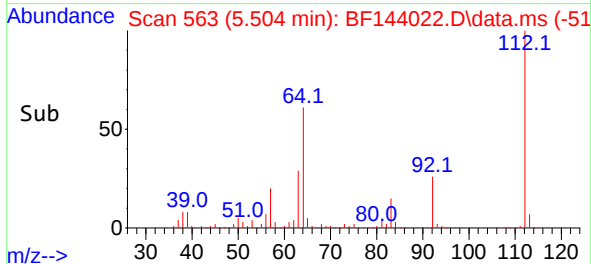
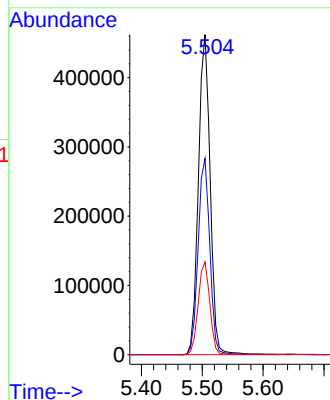
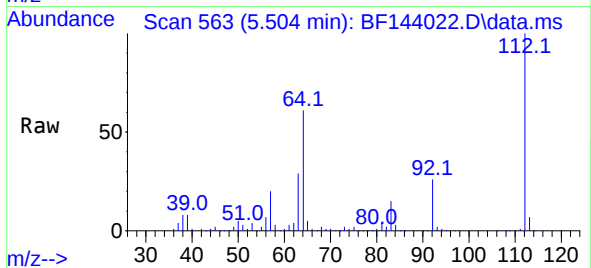




#5
2-Fluorophenol
Concen: 92.91 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

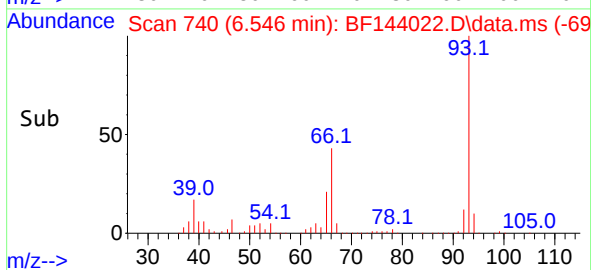
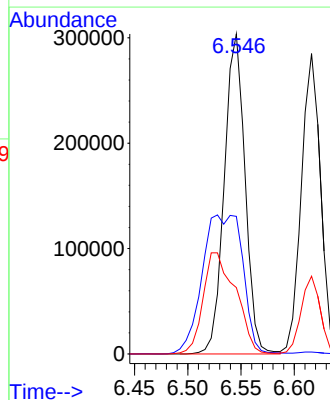
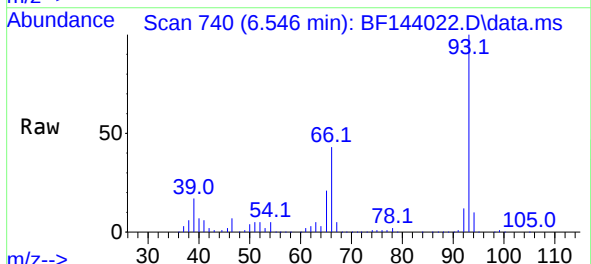
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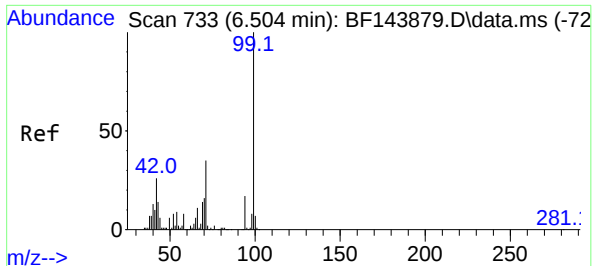
Tgt Ion:112 Resp: 618906
Ion Ratio Lower Upper
112 100
64 61.3 49.1 73.7
63 29.0 24.5 36.7



#6
Aniline
Concen: 34.63 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 93 Resp: 412091
Ion Ratio Lower Upper
93 100
66 43.0 33.0 49.6
65 20.8 15.8 23.8

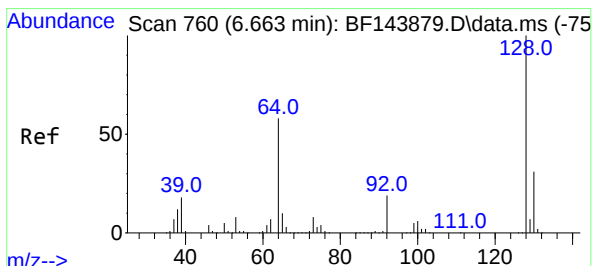
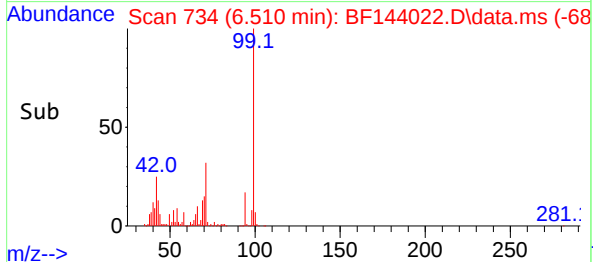
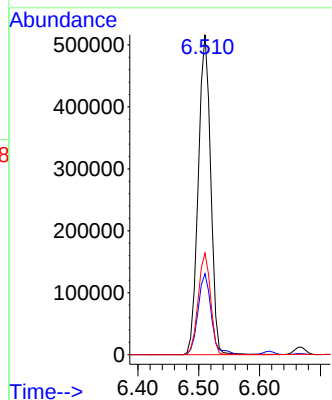
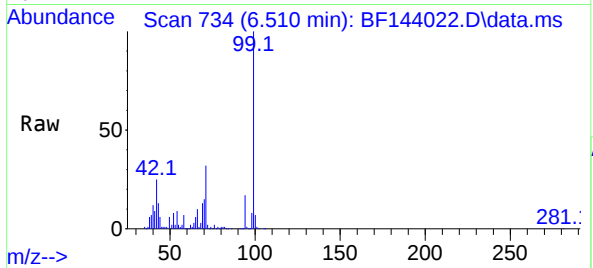




#7
Phenol-d6
Concen: 91.85 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

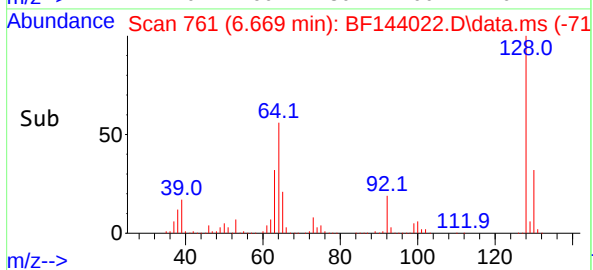
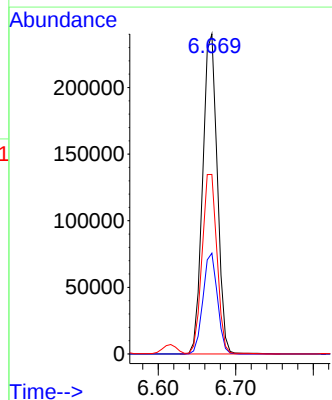
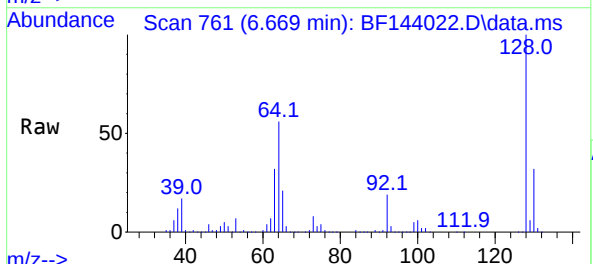
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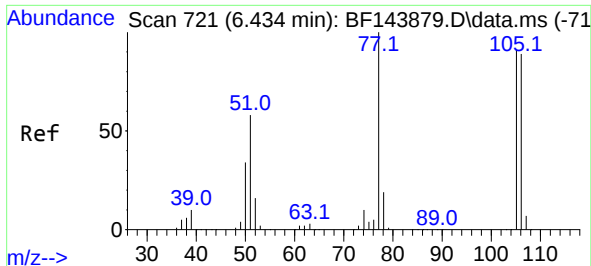
Tgt Ion: 99 Resp: 729330
Ion Ratio Lower Upper
99 100
42 25.3 21.0 31.4
71 31.7 27.8 41.8



#8
2-Chlorophenol
Concen: 48.22 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:128 Resp: 314010
Ion Ratio Lower Upper
128 100
130 31.5 10.7 50.7
64 56.1 39.0 79.0



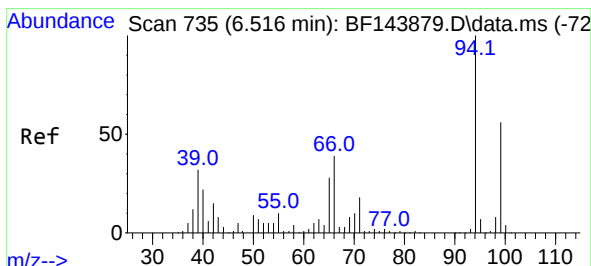
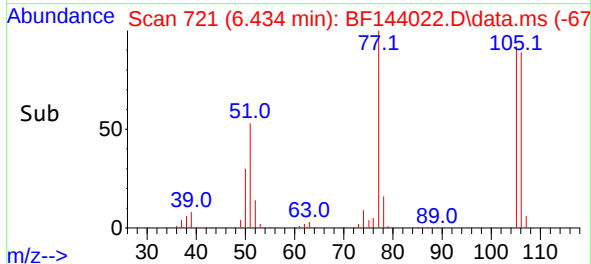
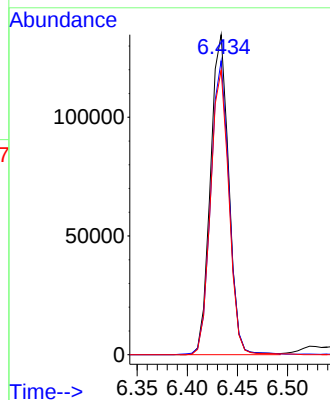
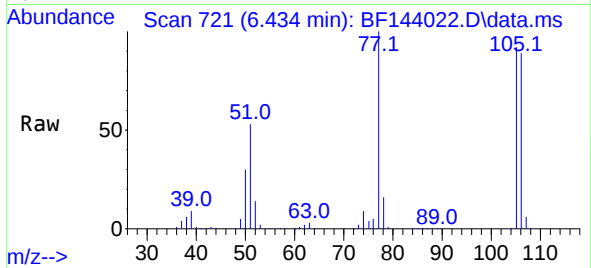


#9
Benzaldehyde
Concen: 27.95 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 171182

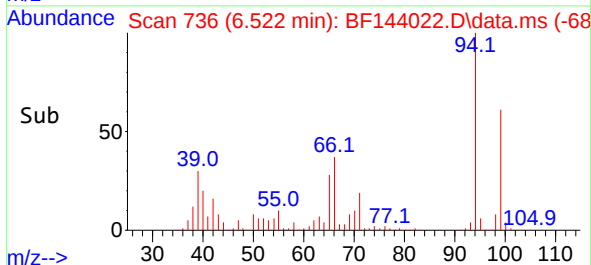
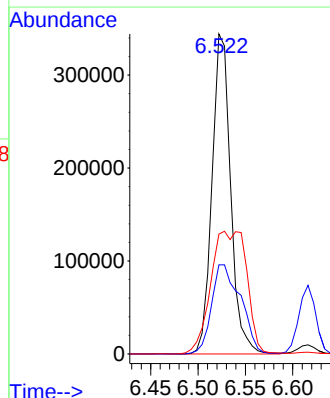
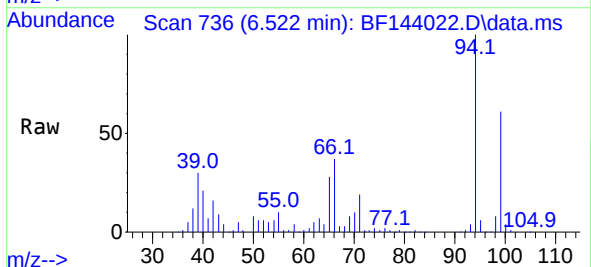
Ion	Ratio	Lower	Upper
77	100		
105	91.9	70.9	110.9
106	88.9	68.9	108.9

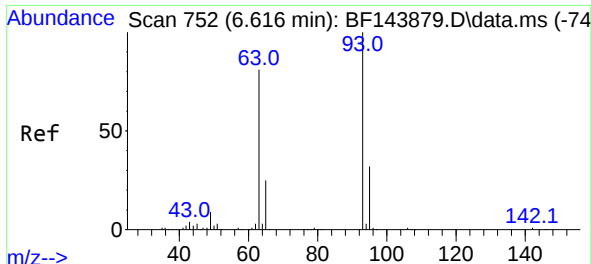


#10
Phenol
Concen: 49.60 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 94 Resp: 470825

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.5	48.5
66	37.5	19.9	59.9

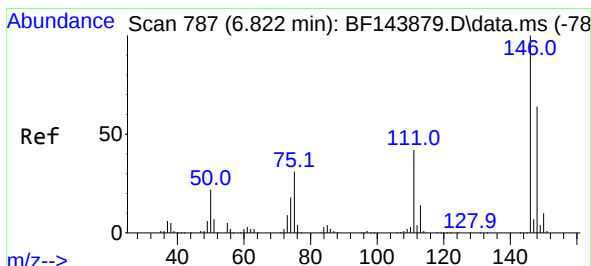
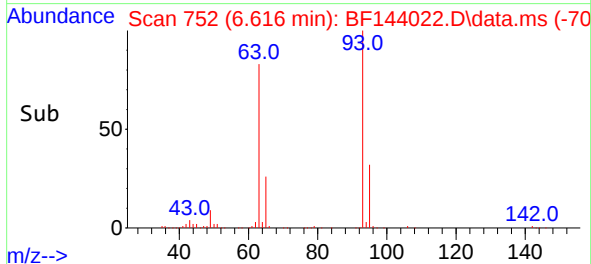
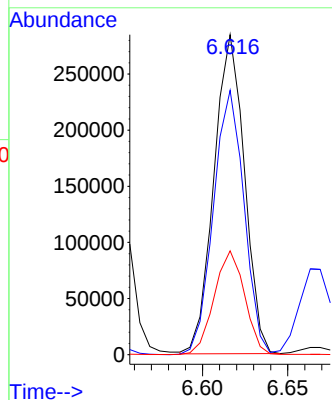
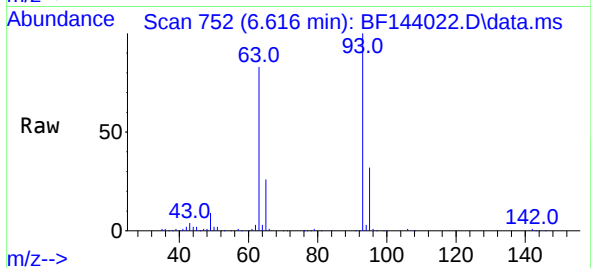




#11
bis(2-Chloroethyl)ether
Concen: 48.22 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

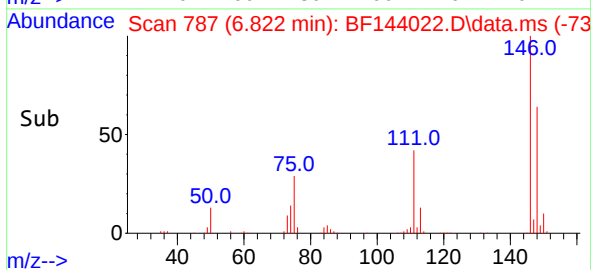
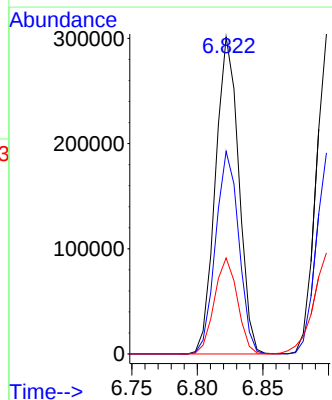
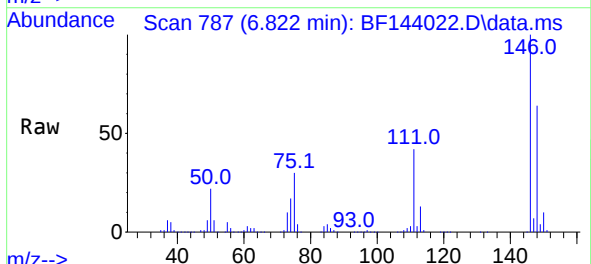
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

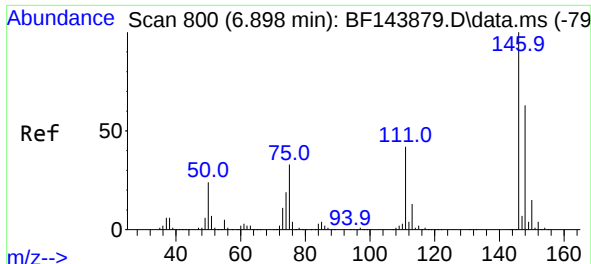
Tgt Ion: 93 Resp: 353592
Ion Ratio Lower Upper
93 100
63 82.6 60.9 100.9
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 47.68 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:146 Resp: 371669
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 30.3 24.9 37.3

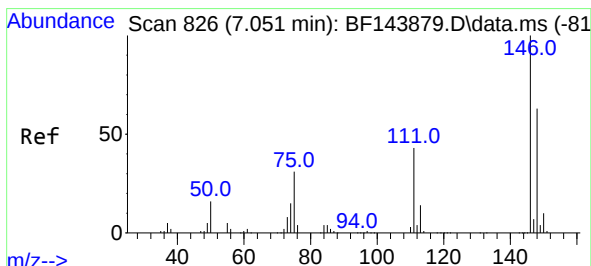
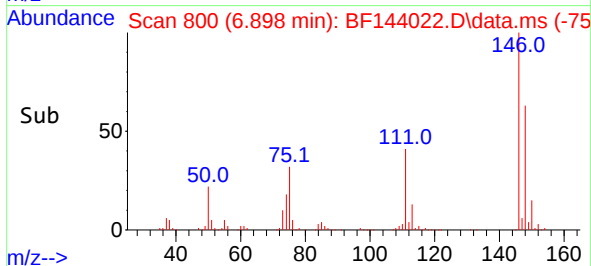
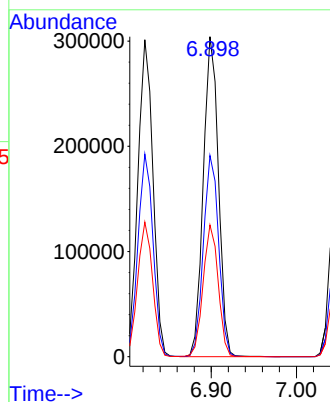
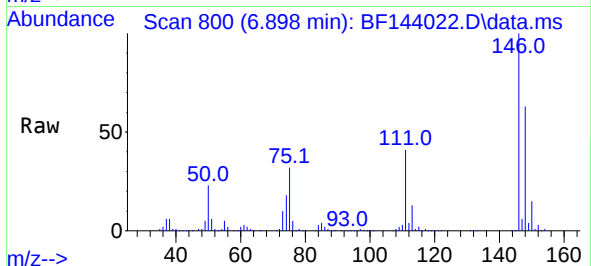




#13
1,4-Dichlorobenzene
Concen: 48.81 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

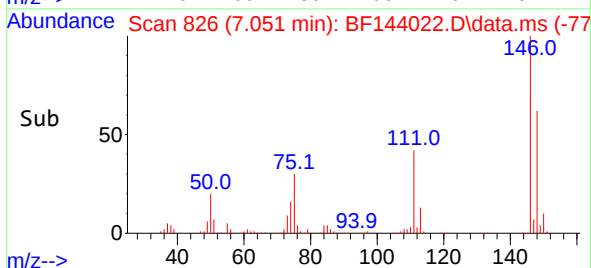
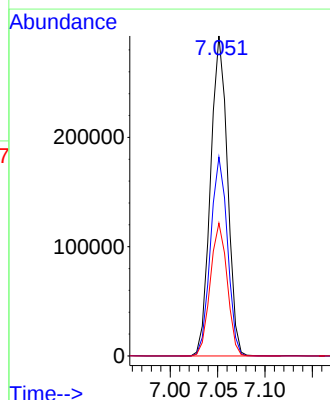
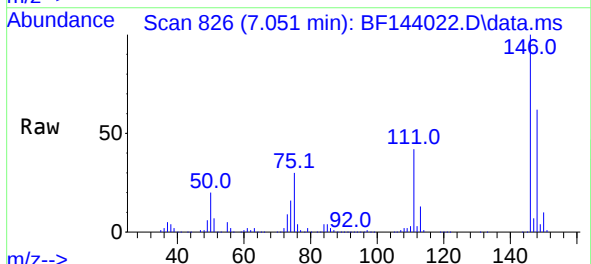
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

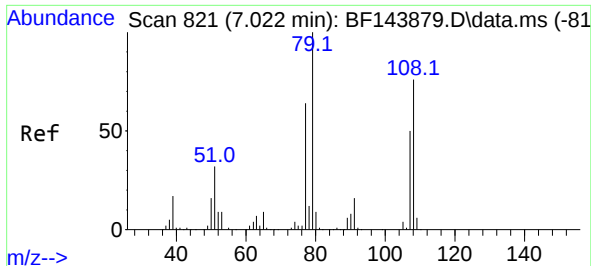
Tgt Ion:146 Resp: 375293
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
111 41.2 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 49.39 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:146 Resp: 363754
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
111 41.5 34.6 51.8

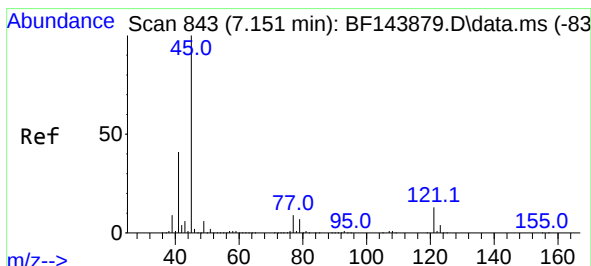
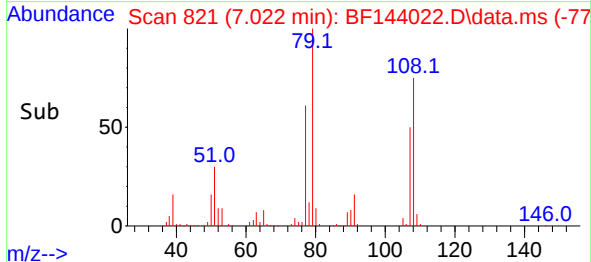
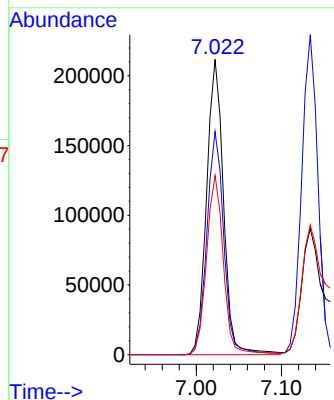
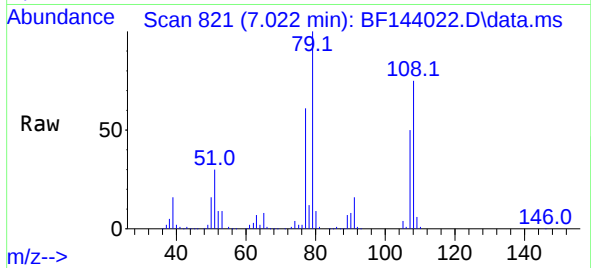




#15
Benzyl Alcohol
Concen: 49.11 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

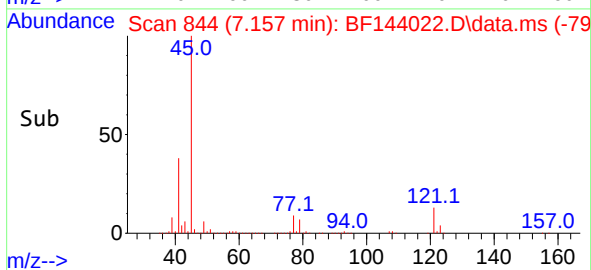
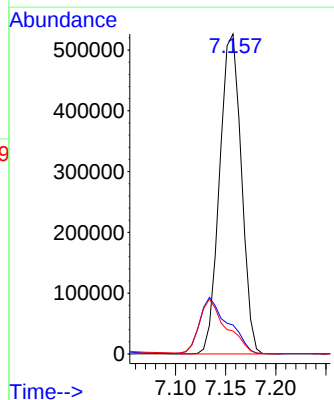
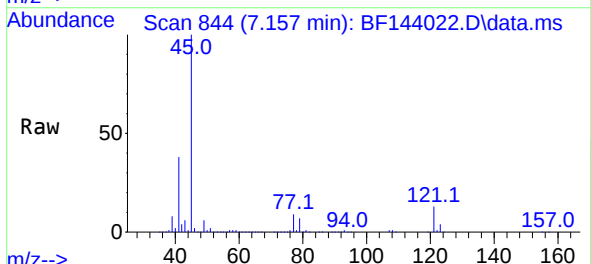
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

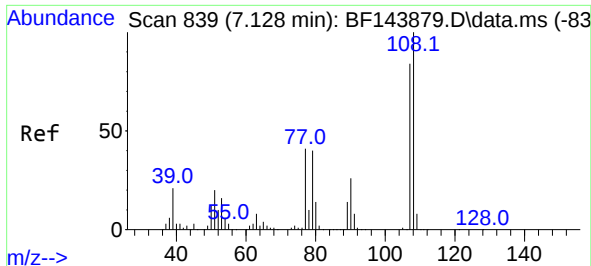
Tgt Ion: 79 Resp: 292141
Ion Ratio Lower Upper
79 100
108 75.5 60.8 91.2
77 60.7 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.50 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 45 Resp: 792872
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 7.2 0.0 26.8

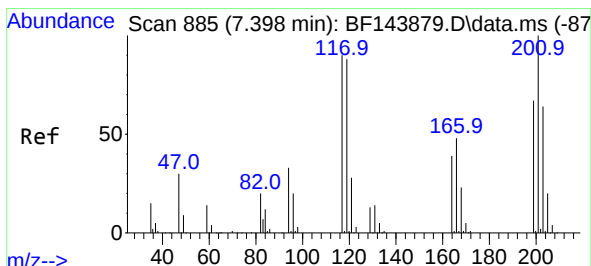
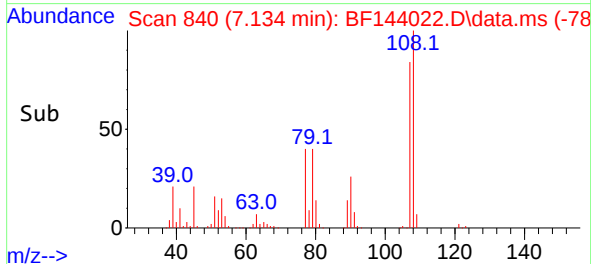
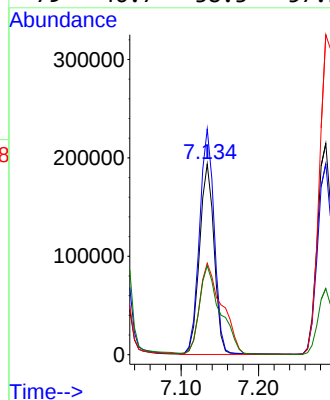
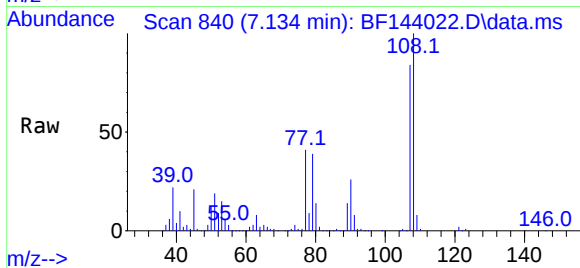




#17
2-Methylphenol
Concen: 47.33 ng
RT: 7.134 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

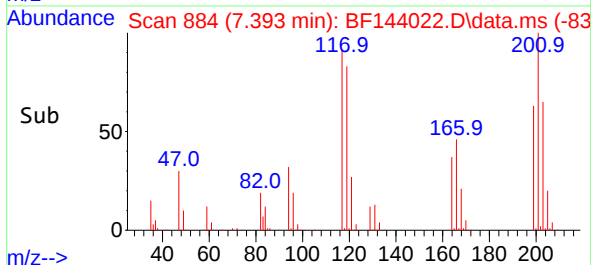
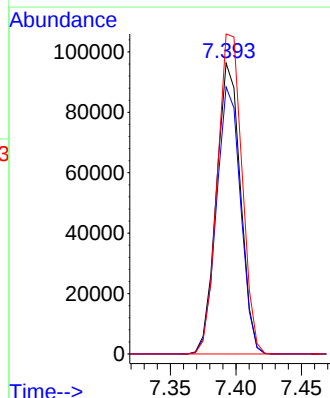
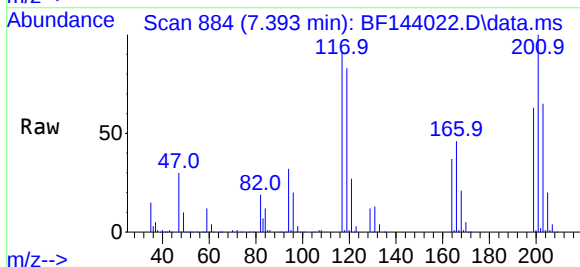
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

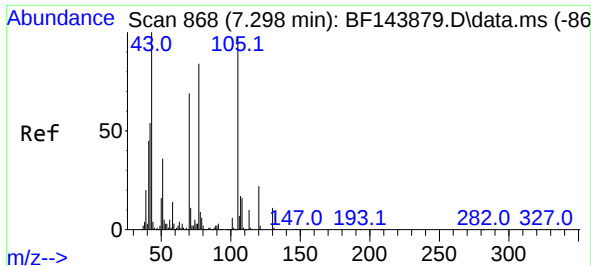
Tgt Ion:107 Resp: 254720
Ion Ratio Lower Upper
107 100
108 118.4 94.7 142.1
77 48.0 38.8 58.2
79 46.7 38.3 57.5



#18
Hexachloroethane
Concen: 47.88 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:117 Resp: 122779
Ion Ratio Lower Upper
117 100
119 91.8 77.8 116.8
201 110.0 88.5 132.7

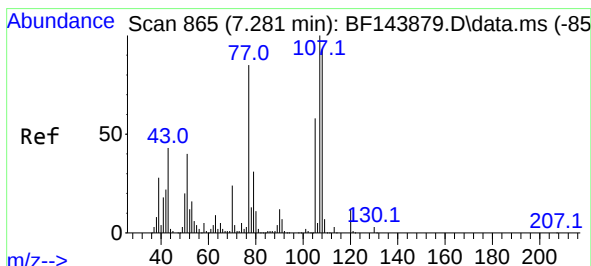
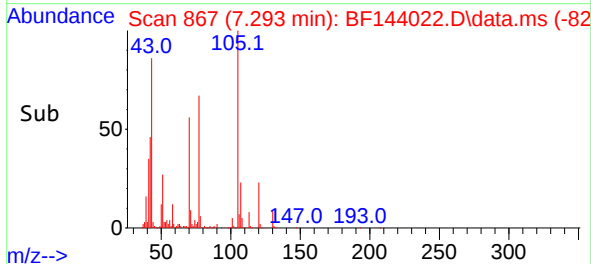
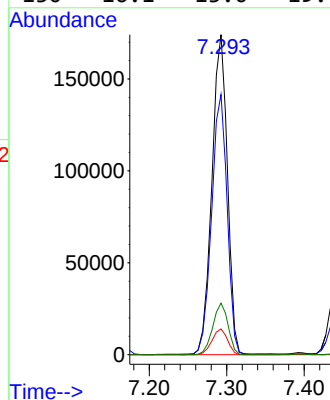
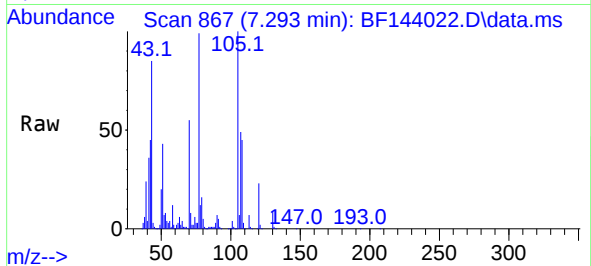




#19
n-Nitroso-di-n-propylamine
Concen: 44.56 ng
RT: 7.293 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

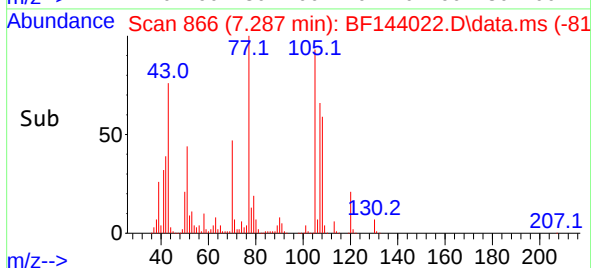
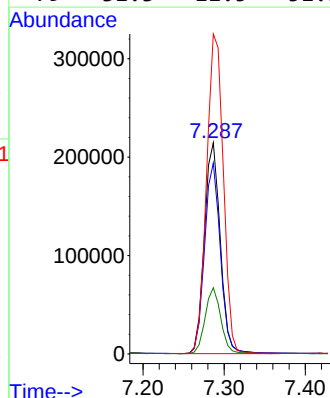
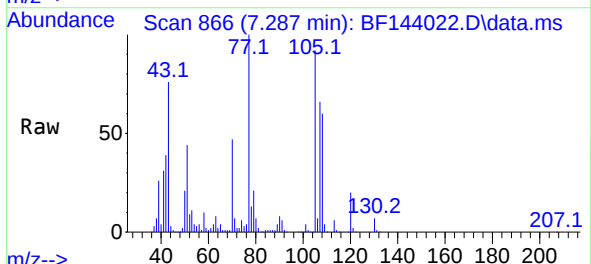
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

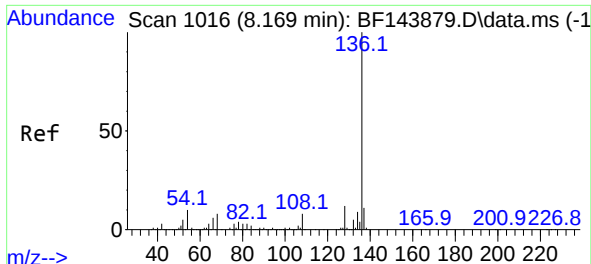
Tgt Ion: 70 Resp: 242161
Ion Ratio Lower Upper
70 100
42 81.3 62.8 94.2
101 8.0 6.7 10.1
130 16.1 13.0 19.4



#20
3+4-Methylphenols
Concen: 46.68 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 107 Resp: 291162
Ion Ratio Lower Upper
107 100
108 90.4 73.0 113.0
77 151.5 64.6 104.6#
79 31.3 11.5 51.5



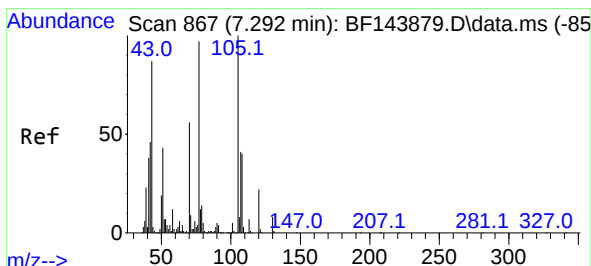
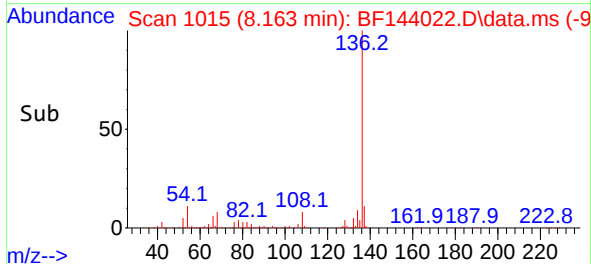
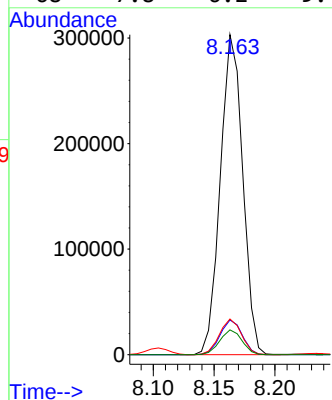
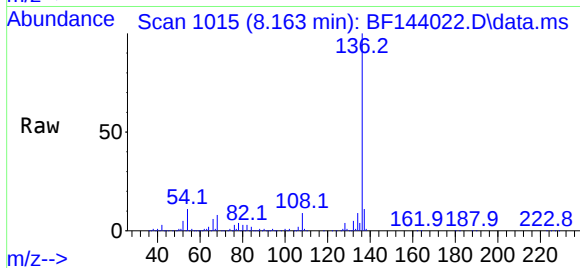


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Instrument :
BNA_F
ClientSampleId :
41-LBMSD

Tgt Ion:136 Resp: 388491

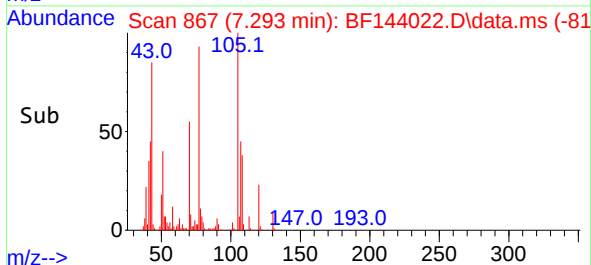
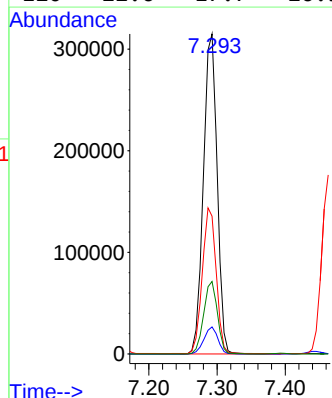
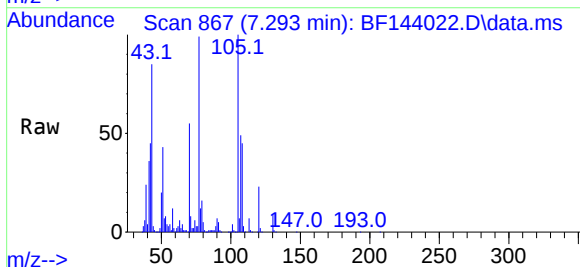
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.1	8.2	12.4
68	7.8	6.2	9.4

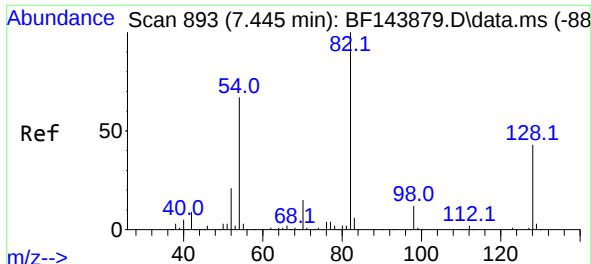


#22
Acetophenone
Concen: 53.90 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:105 Resp: 442786

Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.4	11.0
51	43.1	34.2	51.4
120	22.6	17.7	26.5

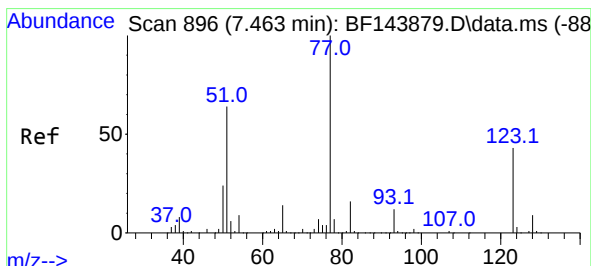
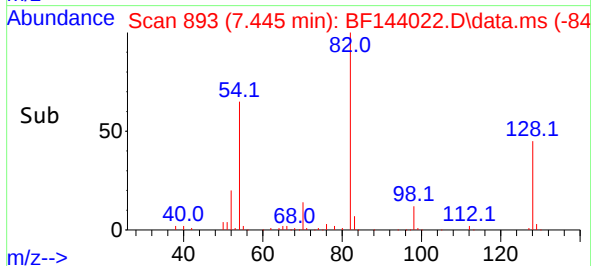
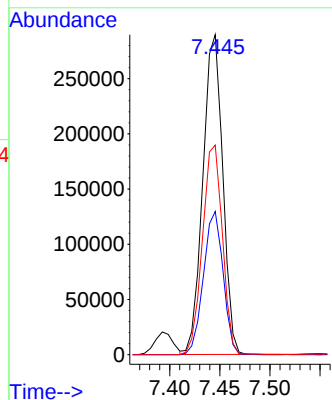
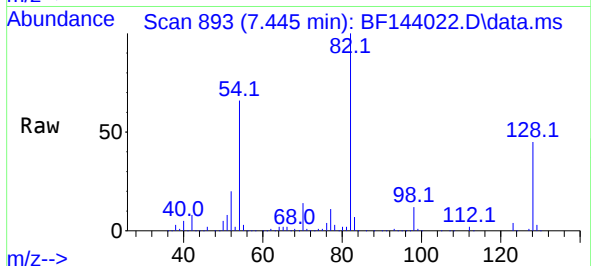




#23
Nitrobenzene-d5
Concen: 62.67 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

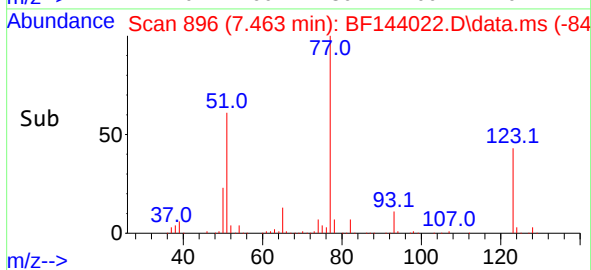
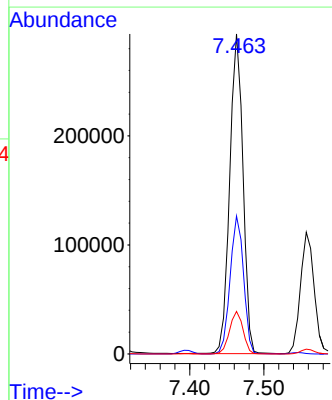
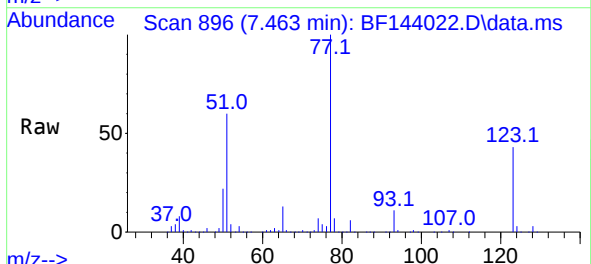
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

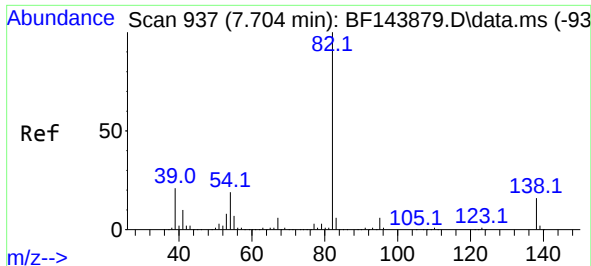
Tgt Ion: 82 Resp: 400768
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 65.5 53.2 79.8



#24
Nitrobenzene
Concen: 51.28 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 77 Resp: 364151
Ion Ratio Lower Upper
77 100
123 43.1 34.2 51.4
65 13.3 11.0 16.6

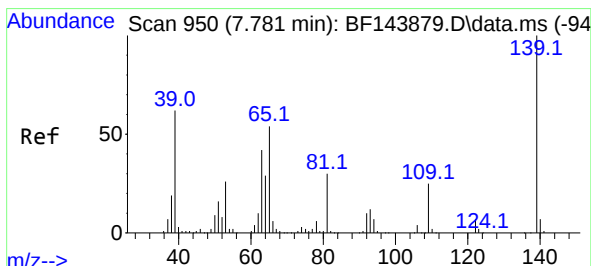
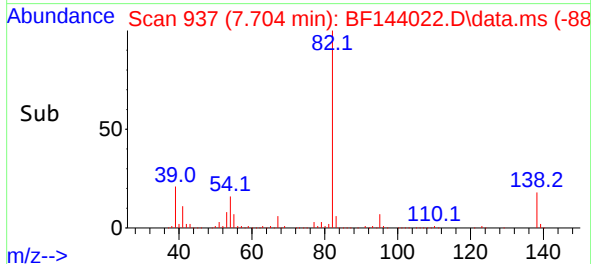
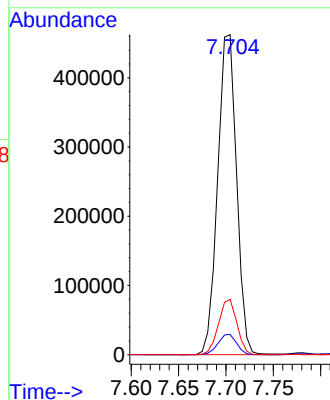
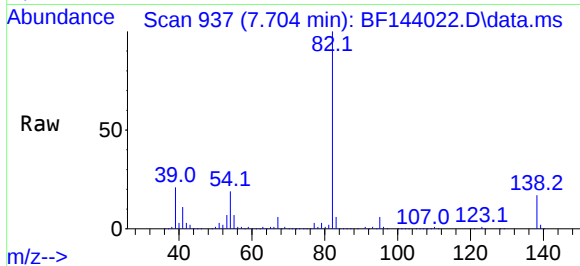




#25
Isophorone
Concen: 47.69 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

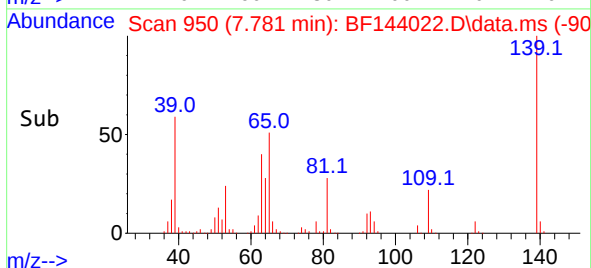
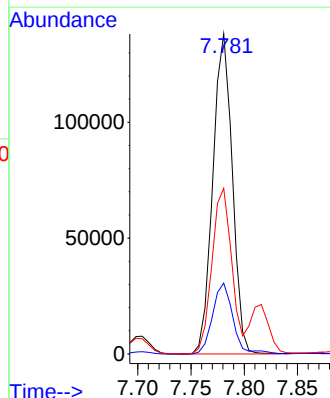
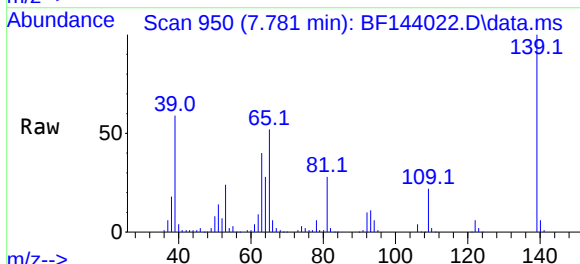
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

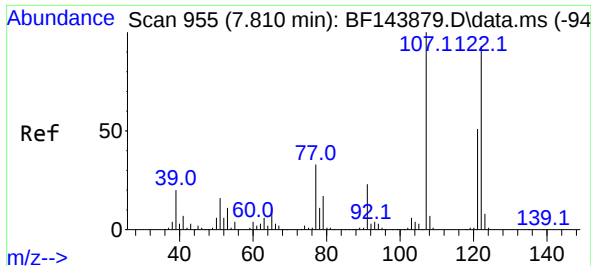
Tgt Ion: 82 Resp: 643056
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 17.2 12.9 19.3



#26
2-Nitrophenol
Concen: 57.58 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:139 Resp: 175307
Ion Ratio Lower Upper
139 100
109 22.1 19.8 29.6
65 51.8 42.9 64.3

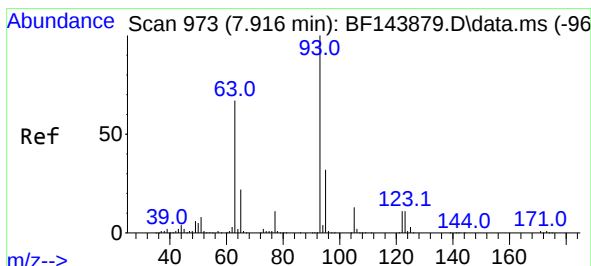
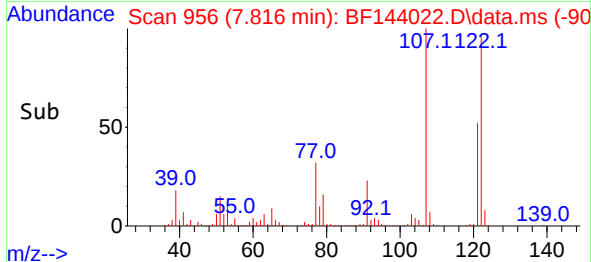
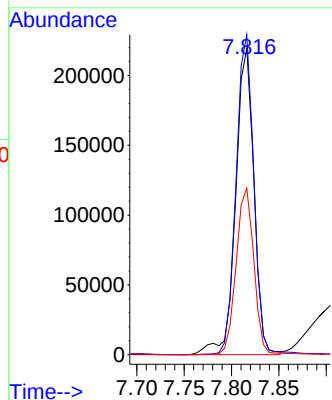
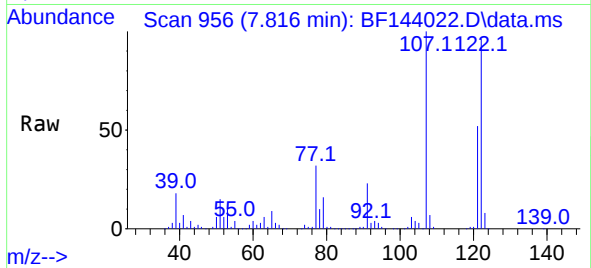




#27
2,4-Dimethylphenol
Concen: 53.79 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

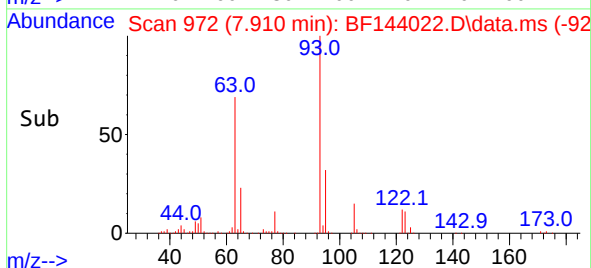
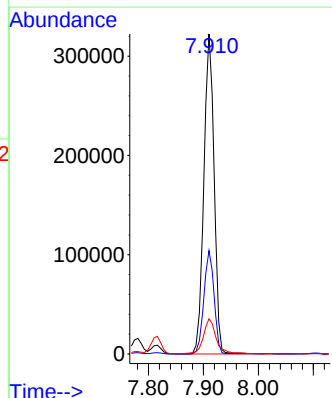
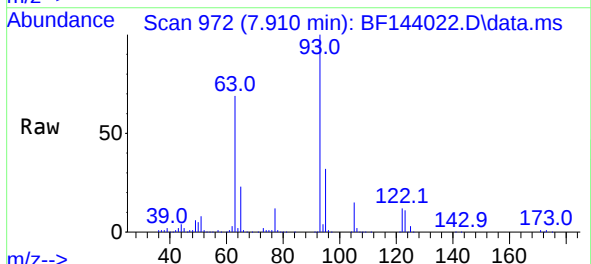
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

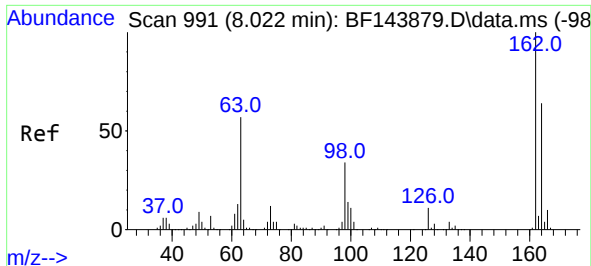
Tgt Ion:122 Resp: 294576
Ion Ratio Lower Upper
122 100
107 104.4 86.1 129.1
121 54.4 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.14 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 93 Resp: 418504
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.0 9.4 14.0

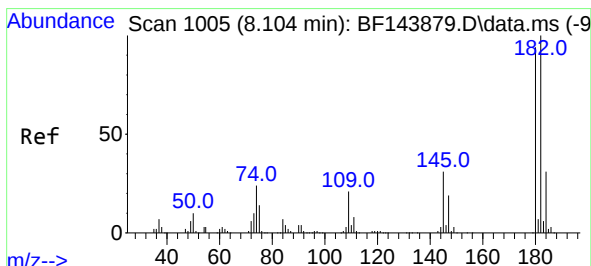
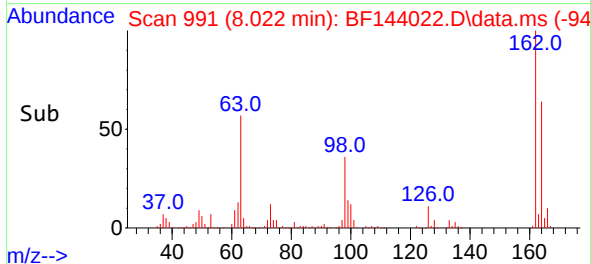
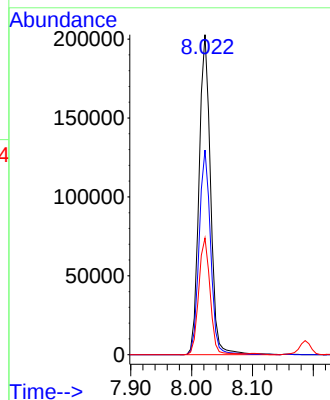
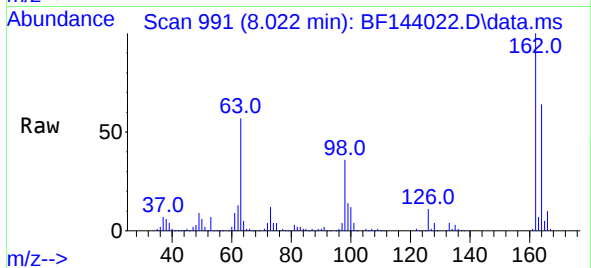




#29
2,4-Dichlorophenol
Concen: 46.52 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

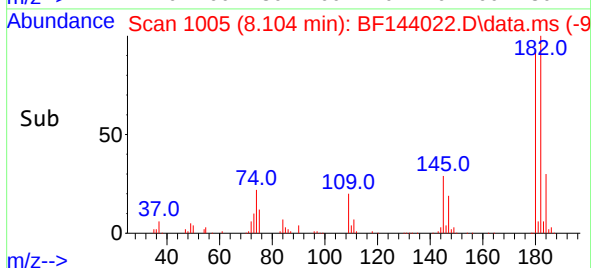
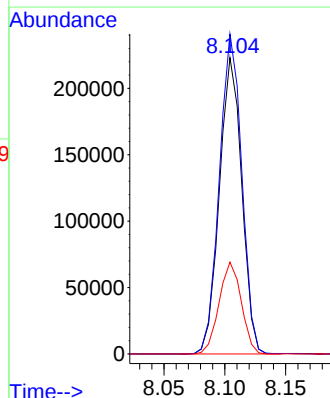
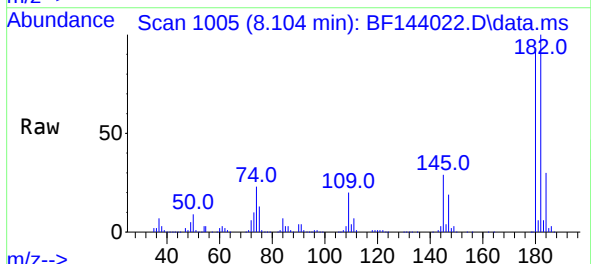
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

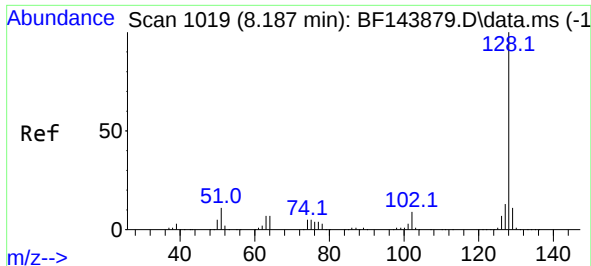
Tgt Ion:162 Resp: 265392
Ion Ratio Lower Upper
162 100
164 64.0 43.9 83.9
98 36.4 14.4 54.4



#30
1,2,4-Trichlorobenzene
Concen: 50.88 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:180 Resp: 285429
Ion Ratio Lower Upper
180 100
182 108.0 85.4 128.0
145 31.0 26.3 39.5

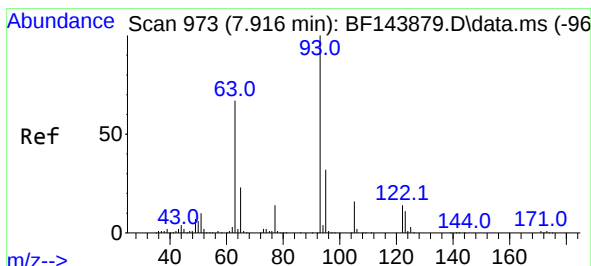
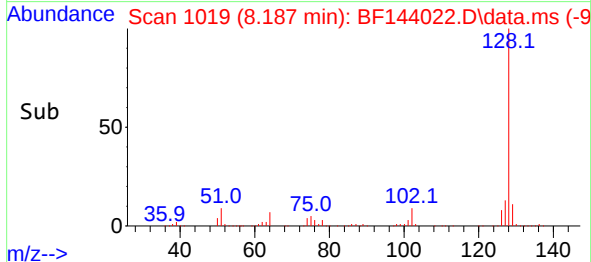
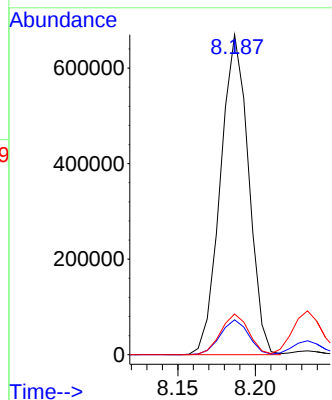
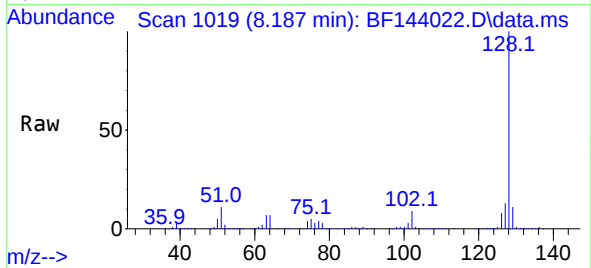




#31
Naphthalene
Concen: 47.85 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

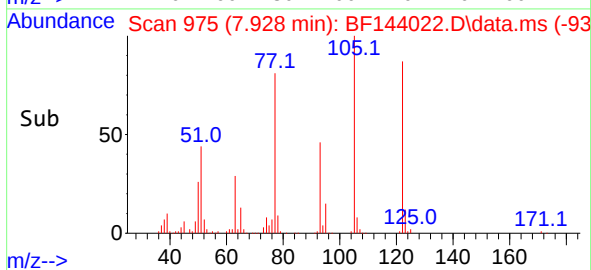
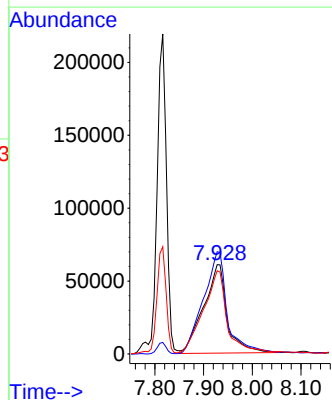
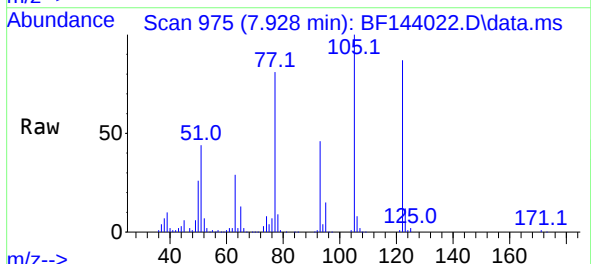
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

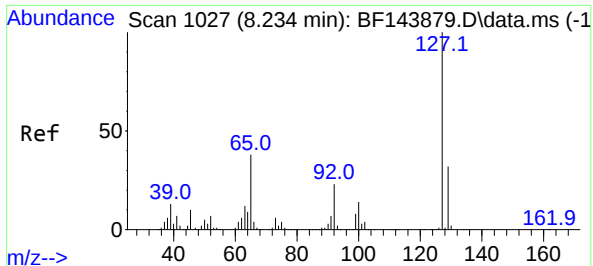
Tgt Ion:128 Resp: 845626
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.7 10.0 15.0



#32
Benzoic acid
Concen: 53.67 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:122 Resp: 203422
Ion Ratio Lower Upper
122 100
105 114.5 93.5 133.5
77 93.2 76.3 116.3



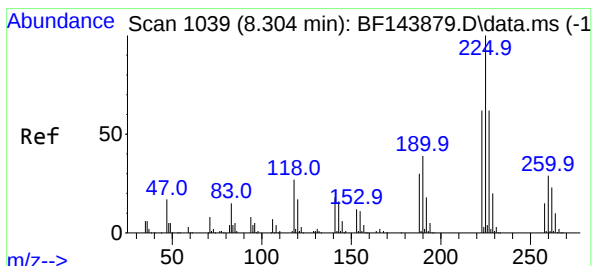
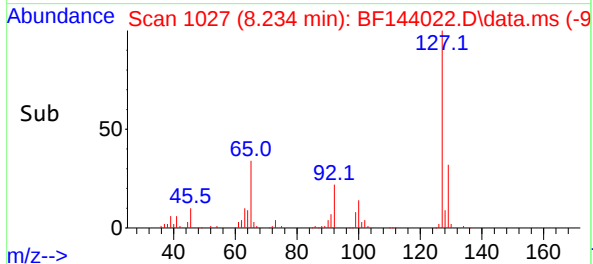
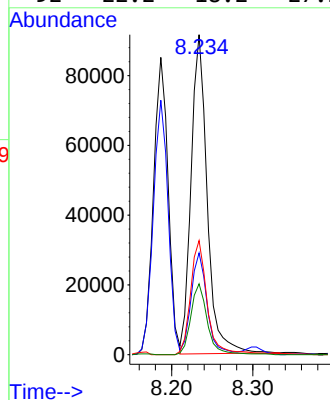
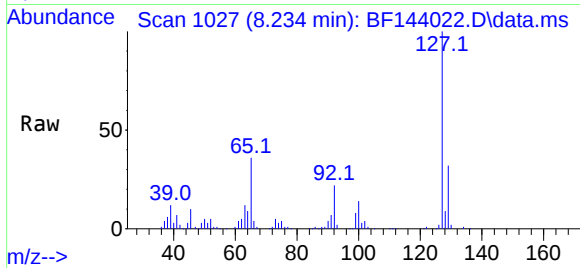


#33
4-Chloroaniline
Concen: 19.08 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Instrument :
BNA_F
ClientSampleId :
41-LBMSD

Tgt Ion:127 Resp: 126445

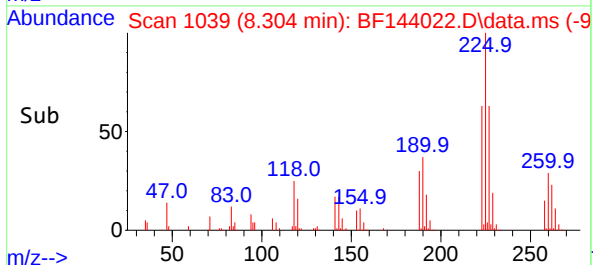
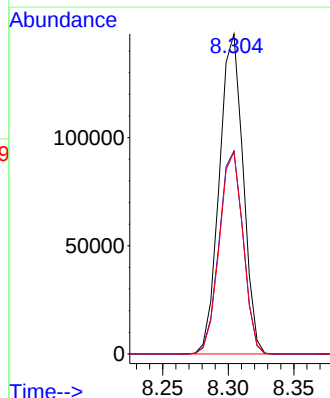
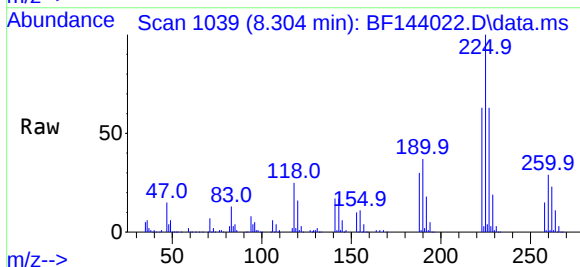
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	35.7	30.0	45.0
92	22.2	18.2	27.2

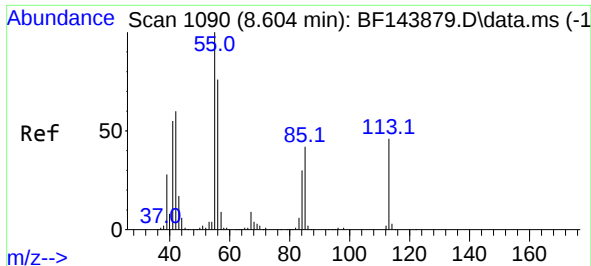


#34
Hexachlorobutadiene
Concen: 47.72 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:225 Resp: 186031

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.2
227	63.1	49.7	74.5

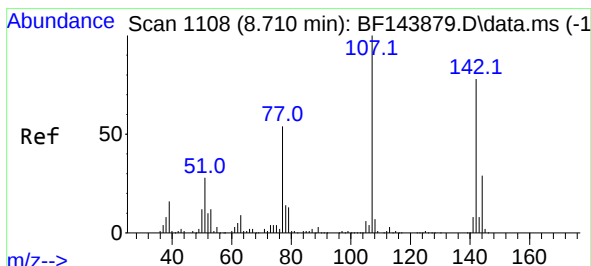
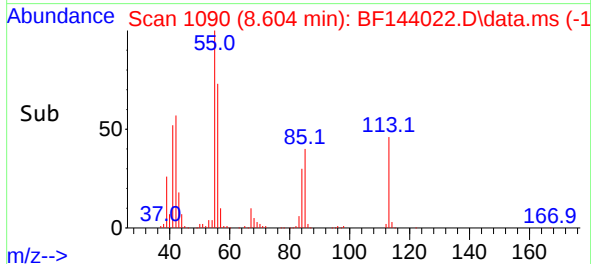
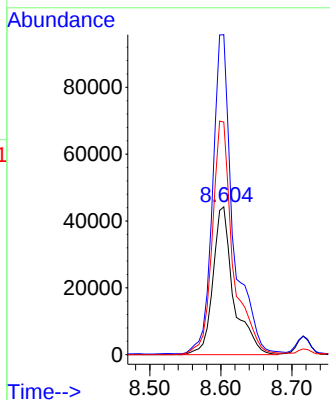
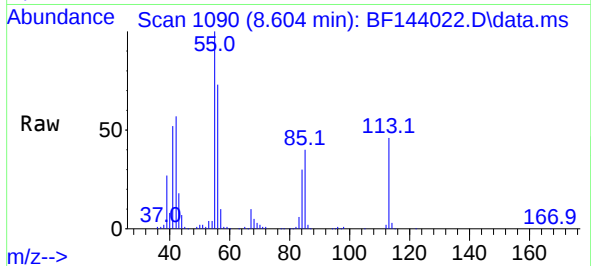




#35
Caprolactam
Concen: 49.20 ng
RT: 8.604 min Scan# 1109
Delta R.T. -0.041 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

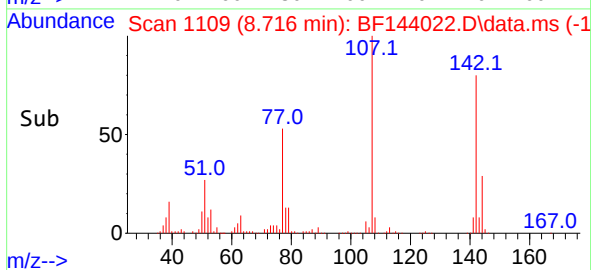
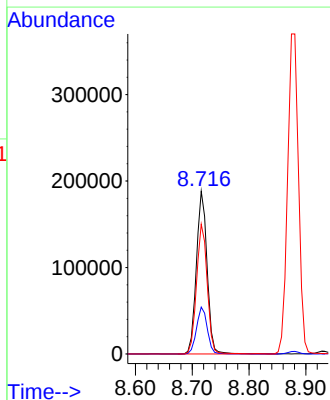
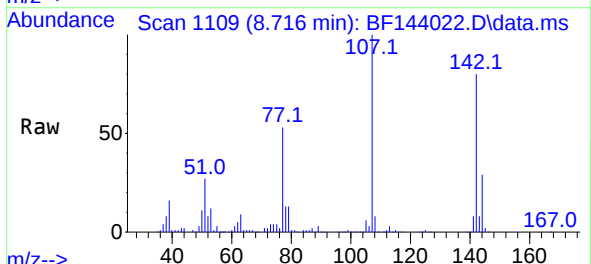
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

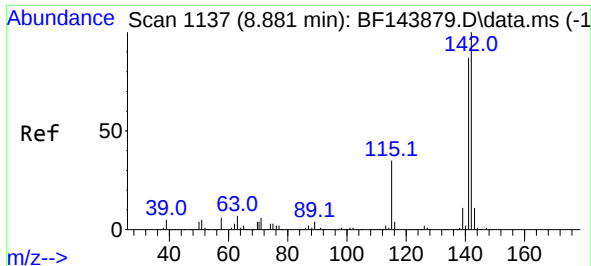
Tgt Ion:113 Resp: 89234
Ion Ratio Lower Upper
113 100
55 216.6 199.6 239.6
56 157.4 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 45.33 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:107 Resp: 248388
Ion Ratio Lower Upper
107 100
144 28.8 23.1 34.7
142 79.7 62.6 94.0

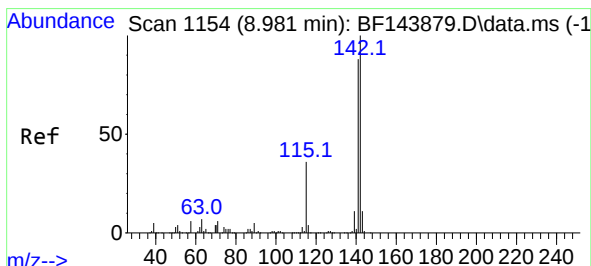
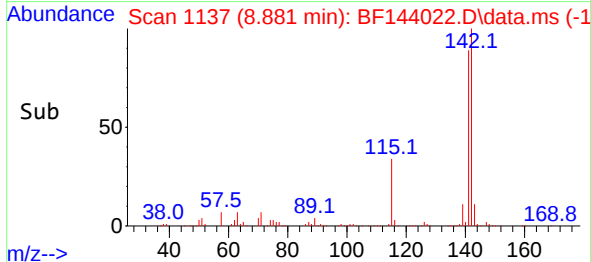
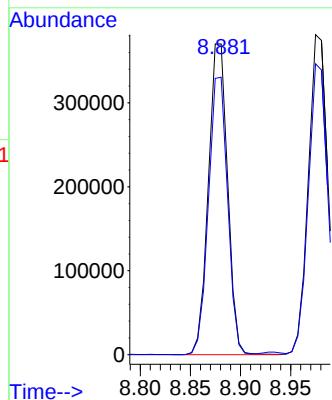
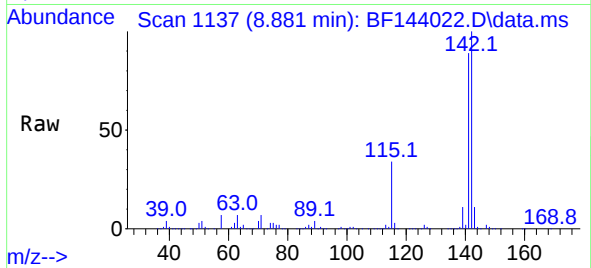




#37
2-Methylnaphthalene
Concen: 41.95 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

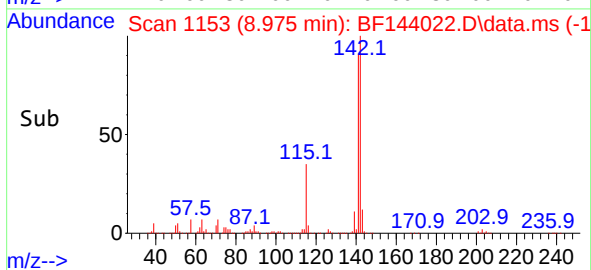
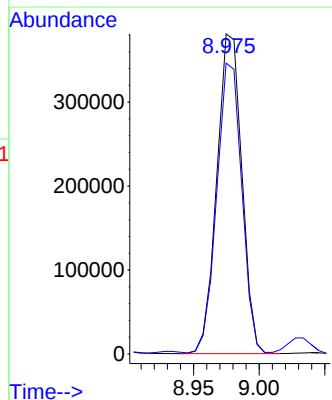
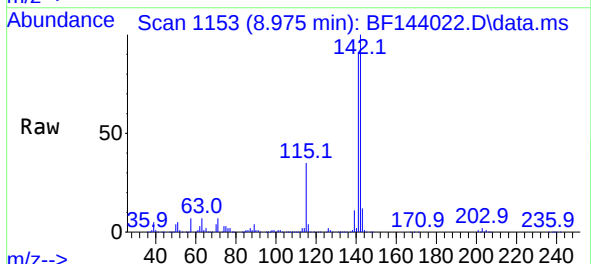
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

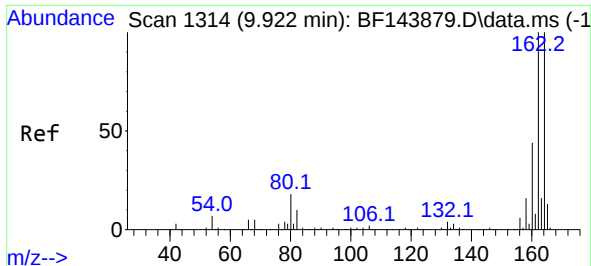
Tgt Ion:142 Resp: 493824
Ion Ratio Lower Upper
142 100
141 89.3 69.2 103.8



#38
1-Methylnaphthalene
Concen: 44.26 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:142 Resp: 505391
Ion Ratio Lower Upper
142 100
141 90.9 70.8 106.2

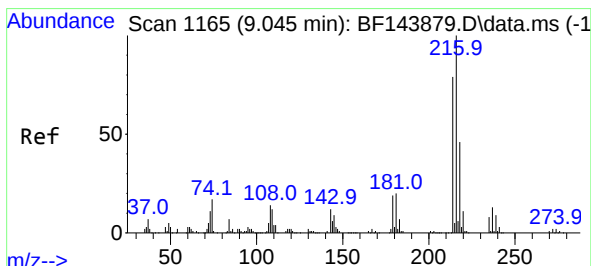
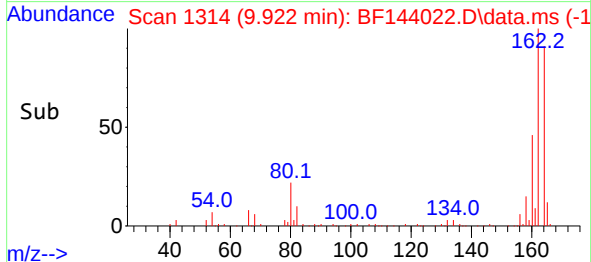
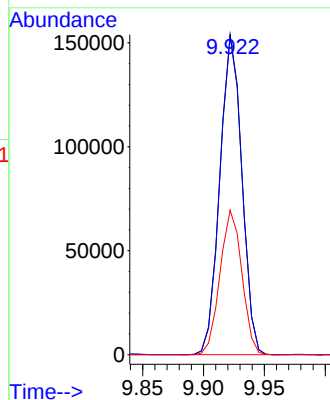
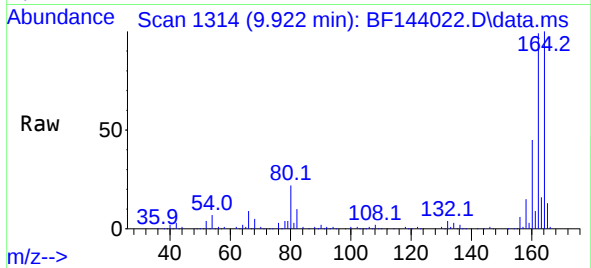




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

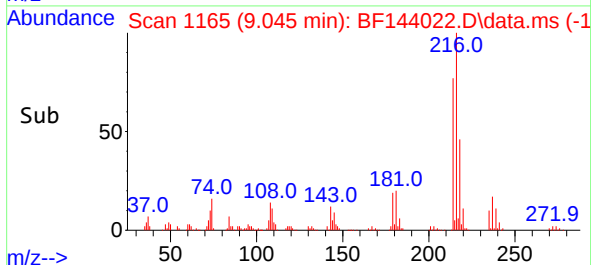
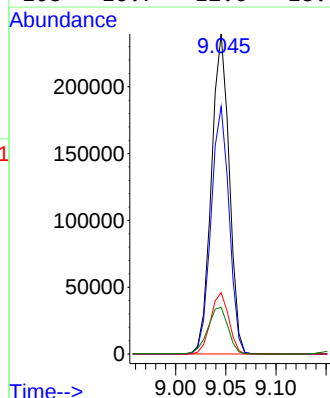
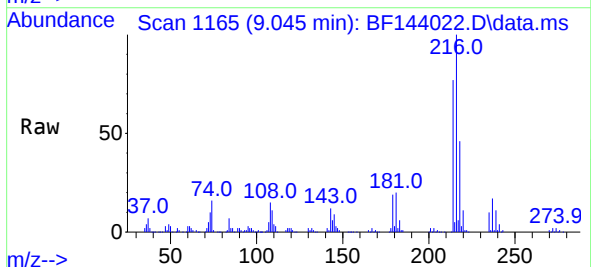
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

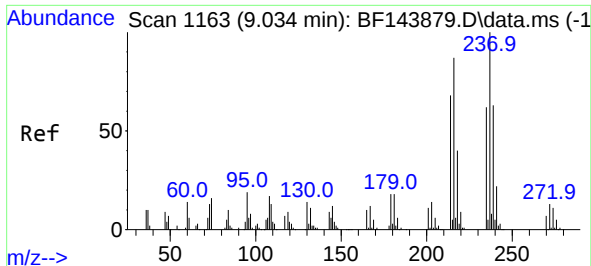
Tgt Ion:164 Resp: 194134
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 45.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.21 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

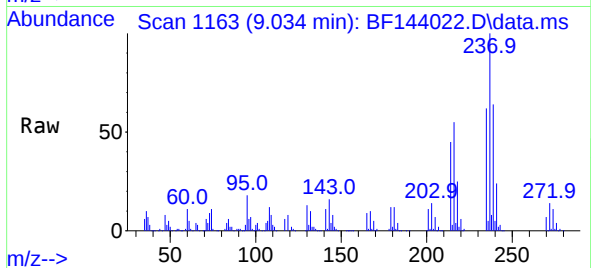
Tgt Ion:216 Resp: 296244
Ion Ratio Lower Upper
216 100
214 78.0 62.6 94.0
179 19.5 15.4 23.0
108 16.7 12.0 18.0



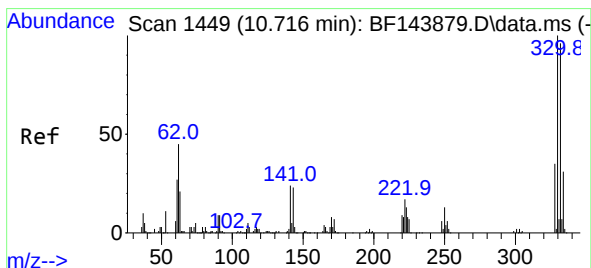
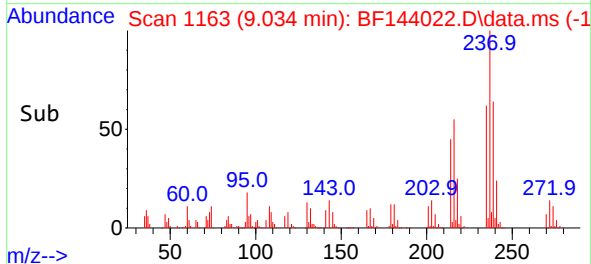
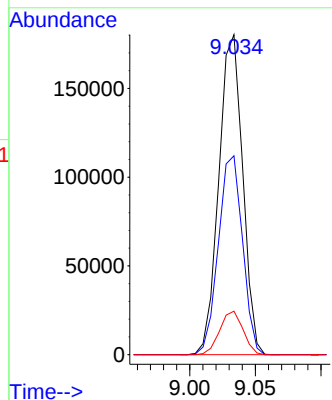


#41
Hexachlorocyclopentadiene
Concen: 102.41 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Instrument :
BNA_F
ClientSampleId :
41-LBMSD

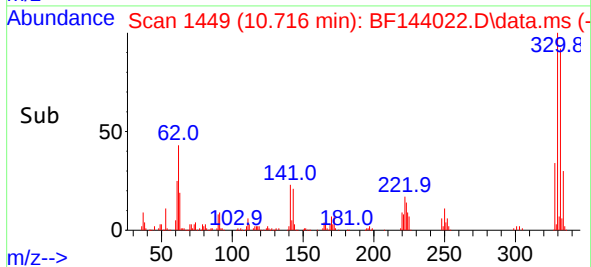
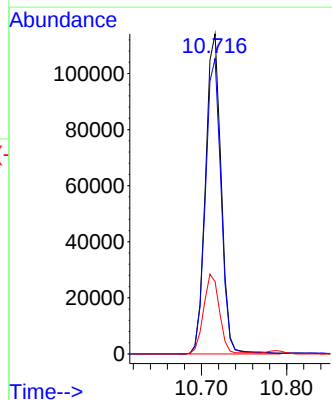
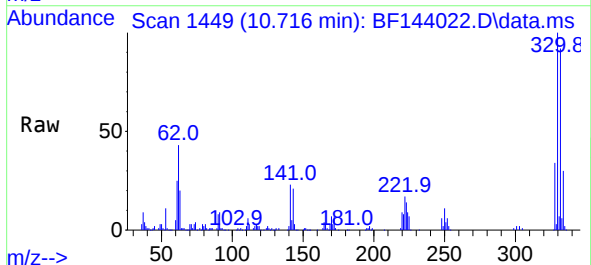


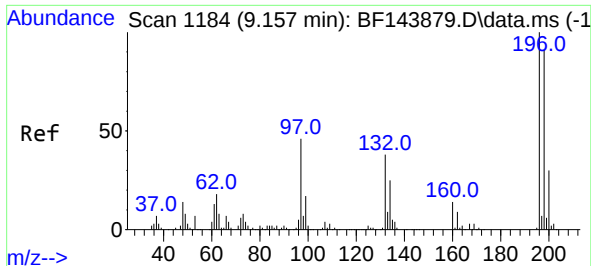
Tgt Ion:237 Resp: 227968
Ion Ratio Lower Upper
237 100
235 62.2 42.3 82.3
272 13.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 75.13 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:330 Resp: 145268
Ion Ratio Lower Upper
330 100
332 92.6 76.9 115.3
141 25.6 20.2 30.4

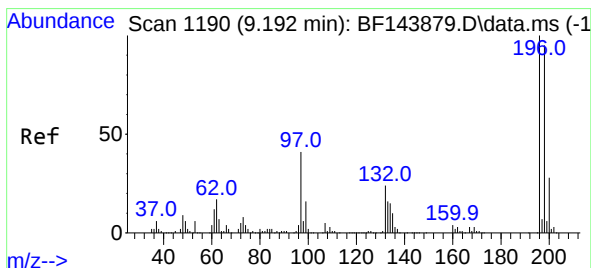
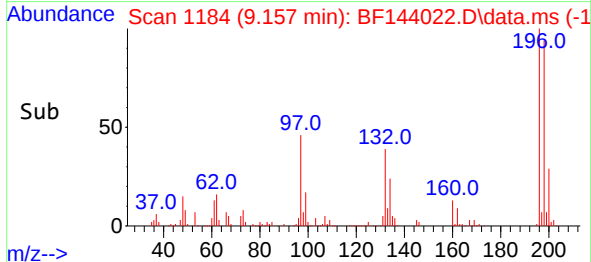
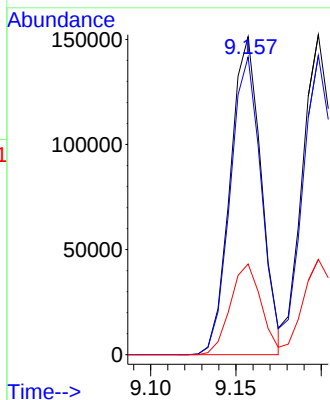
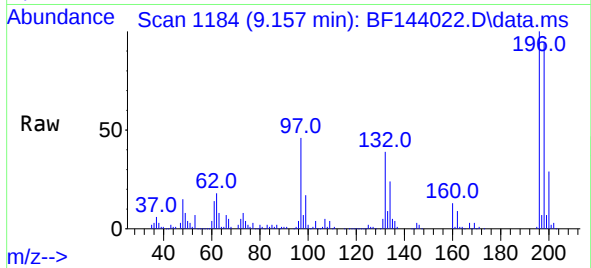




#43
2,4,6-Trichlorophenol
Concen: 48.82 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

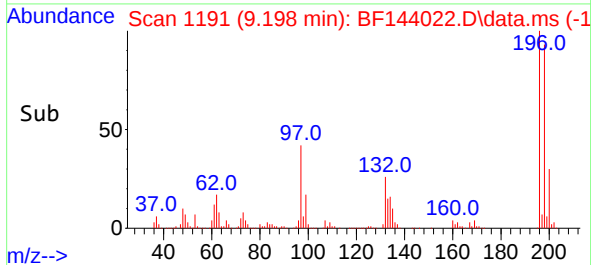
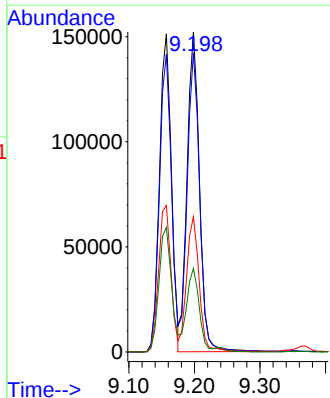
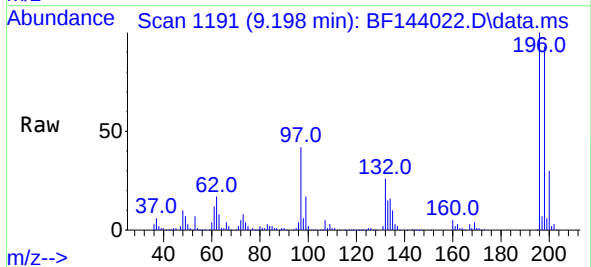
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

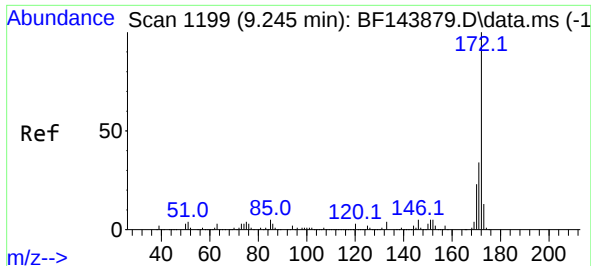
Tgt Ion:196 Resp: 191391
Ion Ratio Lower Upper
196 100
198 93.6 72.8 109.2
200 28.5 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 48.13 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:196 Resp: 199399
Ion Ratio Lower Upper
196 100
198 93.5 75.5 113.3
97 42.3 33.9 50.9
132 26.1 20.0 30.0

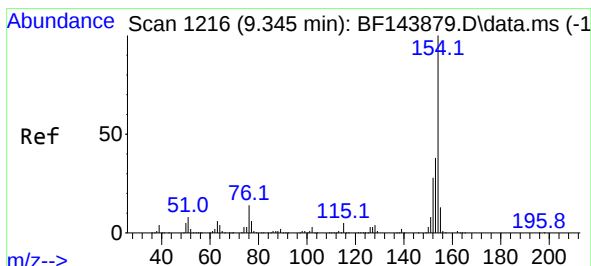
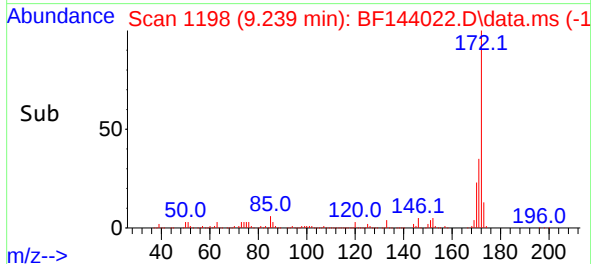
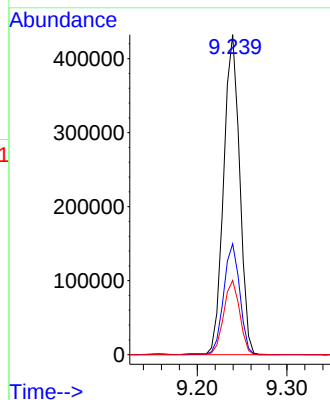
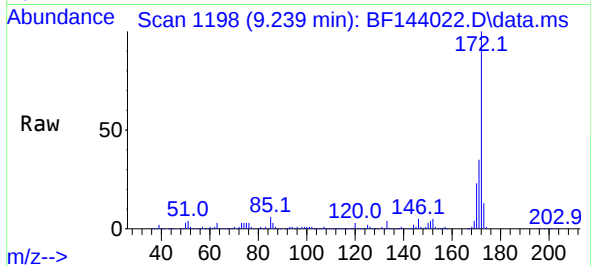




#45
2-Fluorobiphenyl
Concen: 43.72 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

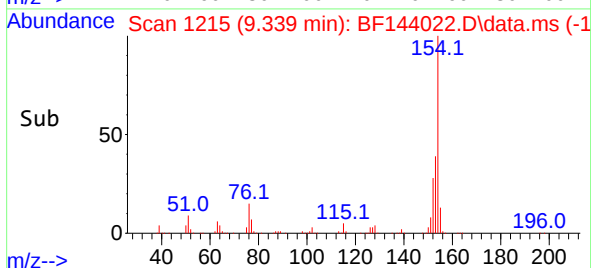
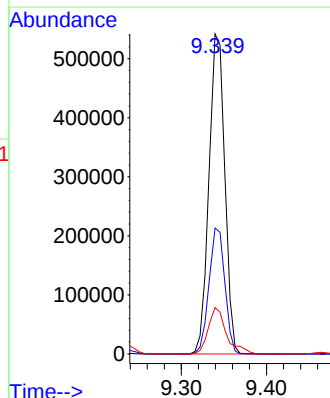
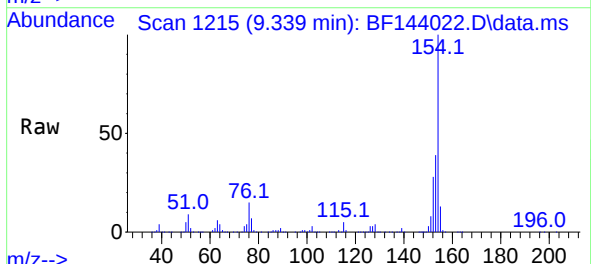
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

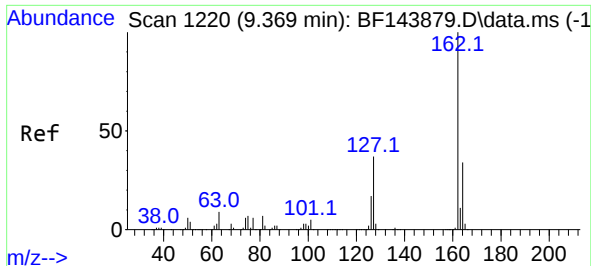
Tgt Ion:172 Resp: 534920
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 54.44 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:154 Resp: 699744
Ion Ratio Lower Upper
154 100
153 39.4 18.4 58.4
76 14.5 0.0 34.0

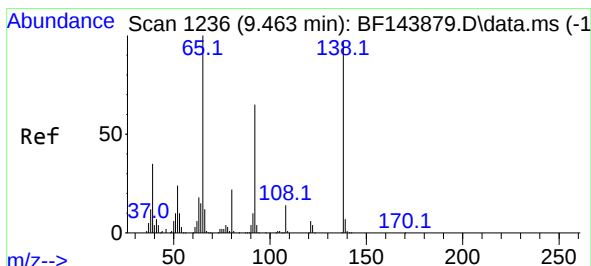
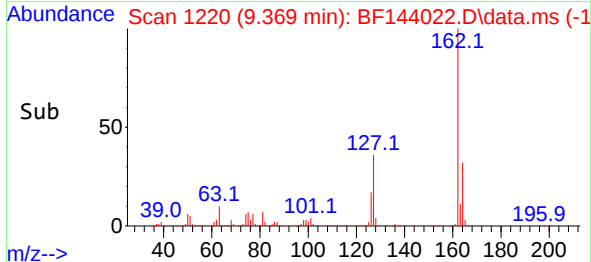
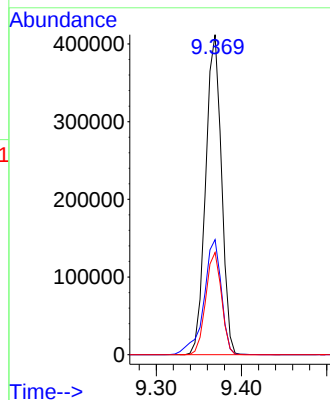
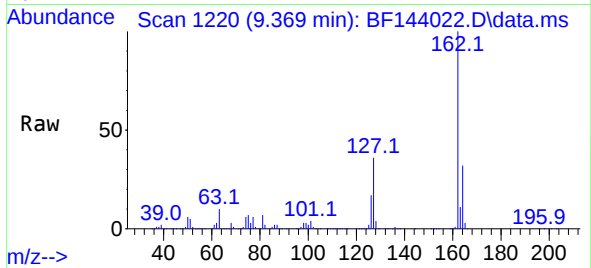




#47
2-Chloronaphthalene
Concen: 49.44 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

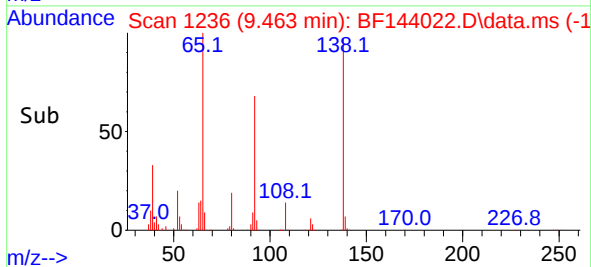
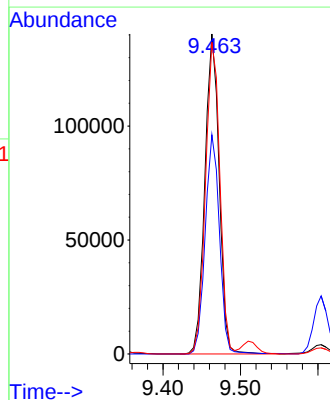
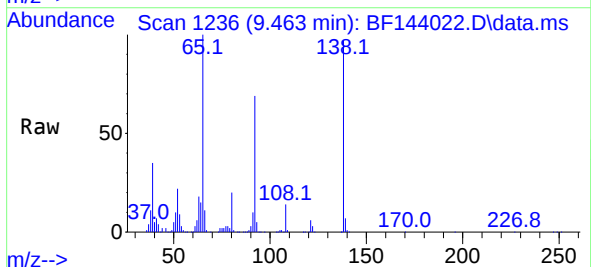
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

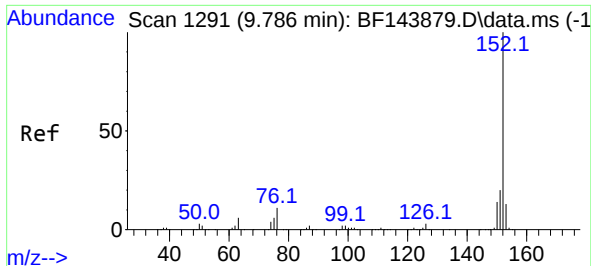
Tgt Ion:162 Resp: 529818
Ion Ratio Lower Upper
162 100
127 36.0 30.2 45.2
164 32.0 26.9 40.3



#48
2-Nitroaniline
Concen: 53.01 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 65 Resp: 179609
Ion Ratio Lower Upper
65 100
92 68.5 52.1 78.1
138 97.4 77.4 116.2





#49

Acenaphthylene

Concen: 54.68 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF144022.D

Acq: 21 Oct 2025 19:58

Instrument :

BNA_F

ClientSampleId :

41-LBMSD

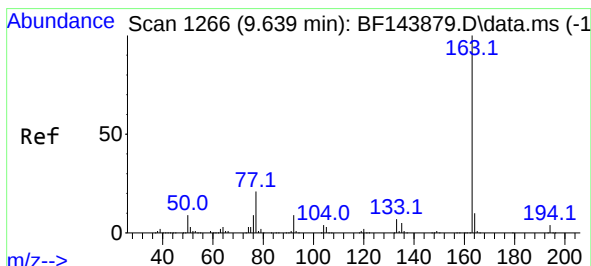
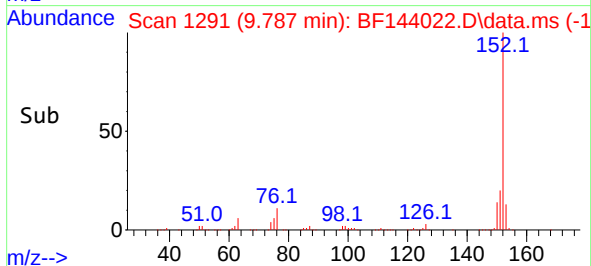
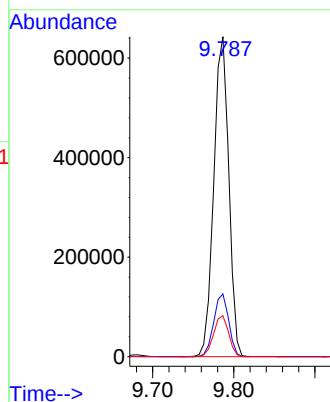
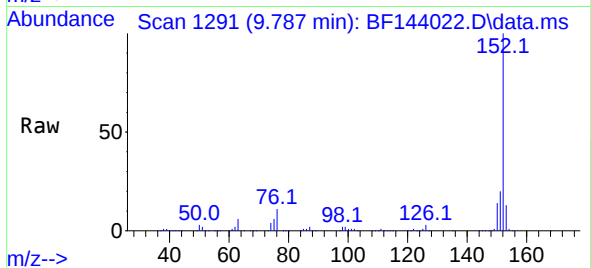
Tgt Ion:152 Resp: 823759

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 49.64 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144022.D

Acq: 21 Oct 2025 19:58

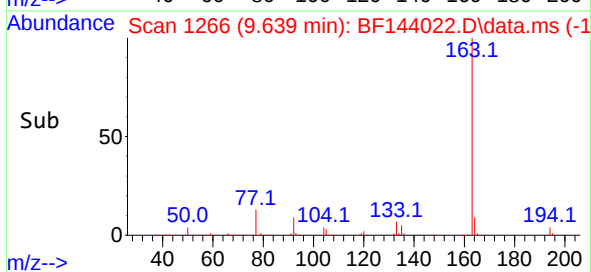
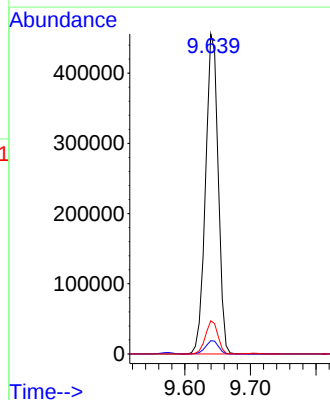
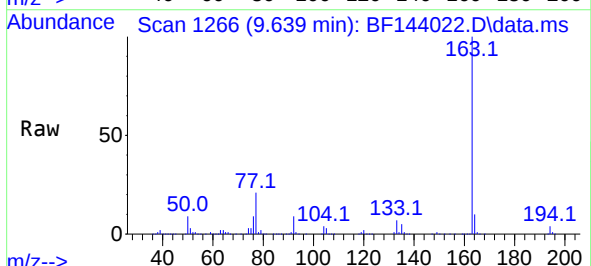
Tgt Ion:163 Resp: 611995

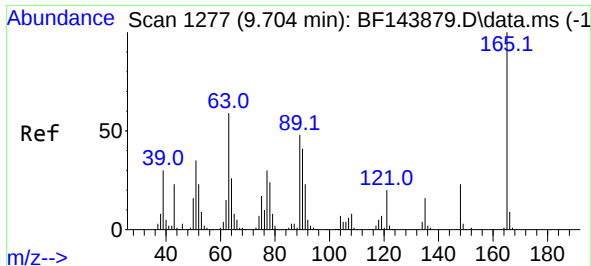
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.1 12.1

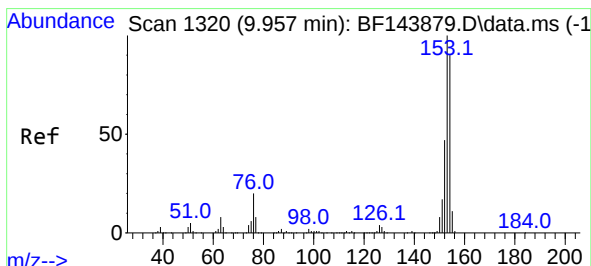
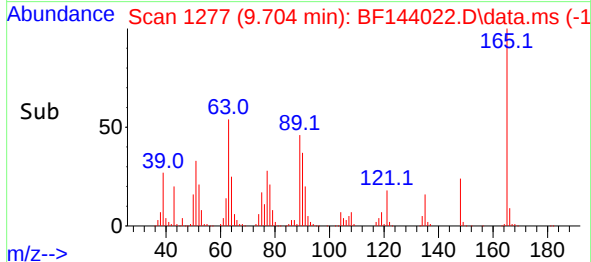
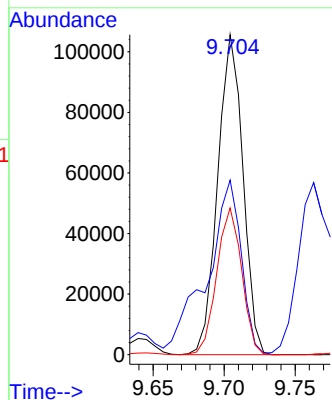
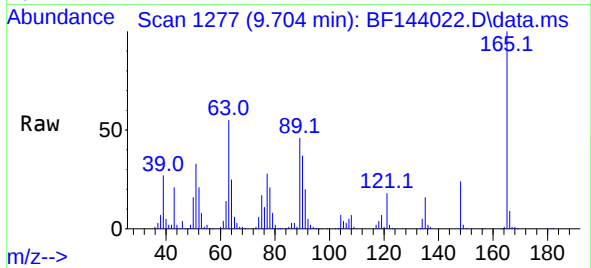




#51
2,6-Dinitrotoluene
Concen: 57.05 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

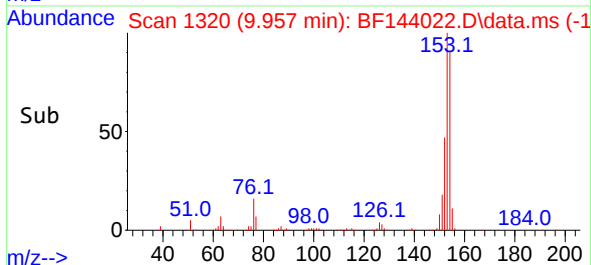
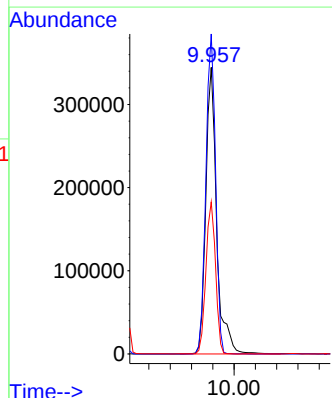
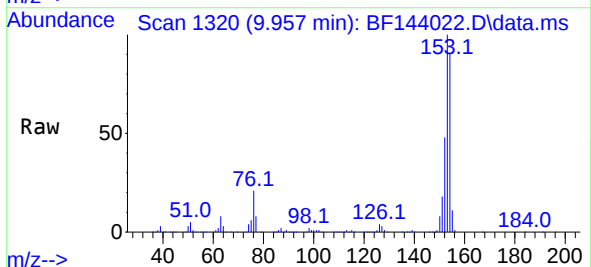
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

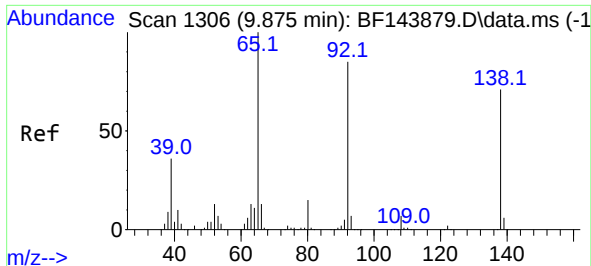
Tgt Ion:165 Resp: 130428
Ion Ratio Lower Upper
165 100
63 54.6 47.3 70.9
89 45.8 38.2 57.4



#52
Acenaphthene
Concen: 49.30 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:154 Resp: 486738
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 53.1 42.2 63.2

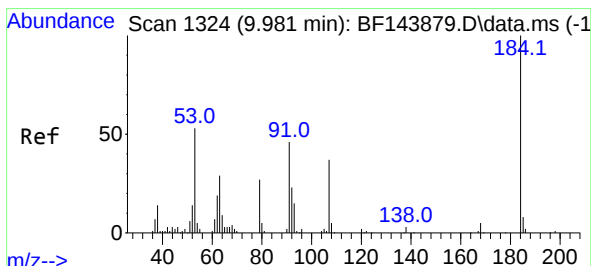
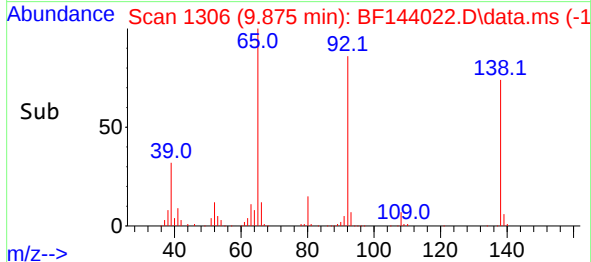
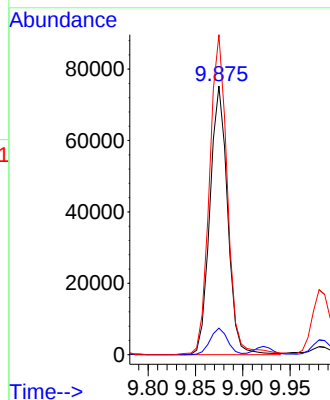
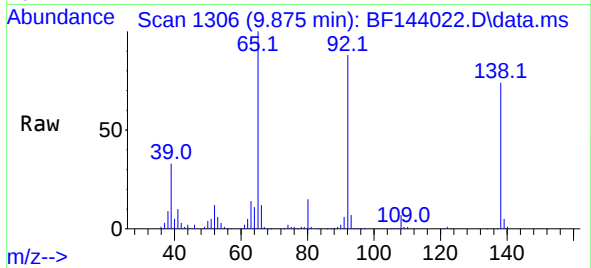




#53
3-Nitroaniline
Concen: 34.84 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

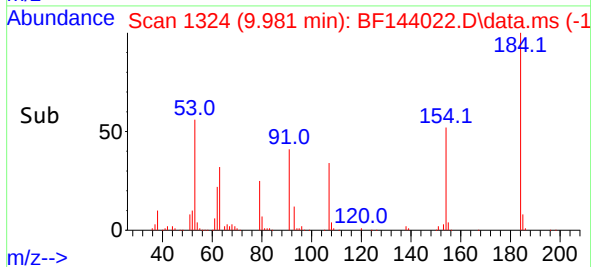
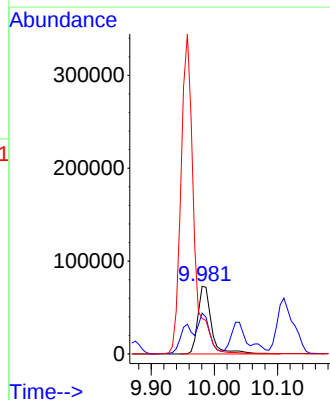
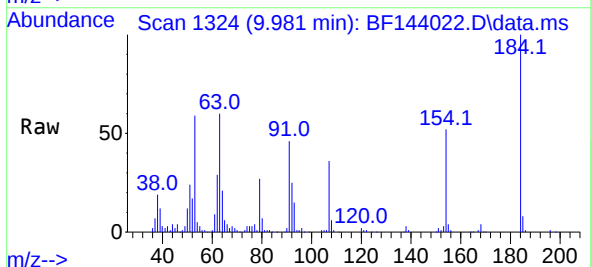
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

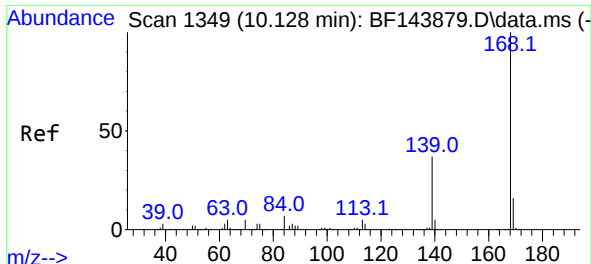
Tgt Ion:138 Resp: 97528
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 119.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 77.95 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

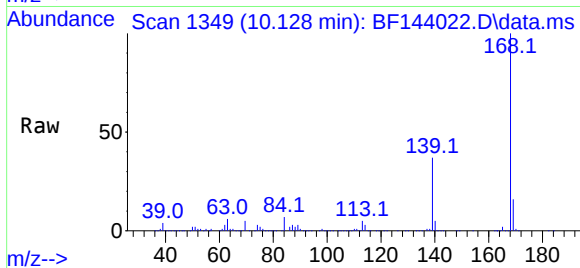
Tgt Ion:184 Resp: 109640
Ion Ratio Lower Upper
184 100
63 60.2 48.2 72.4
154 52.4 49.2 73.8



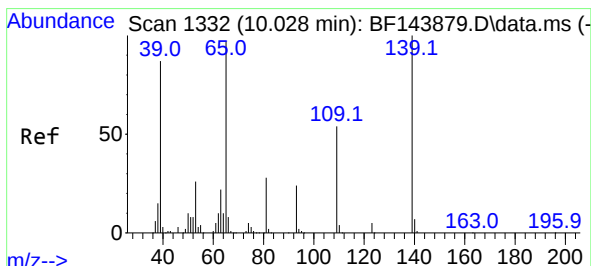
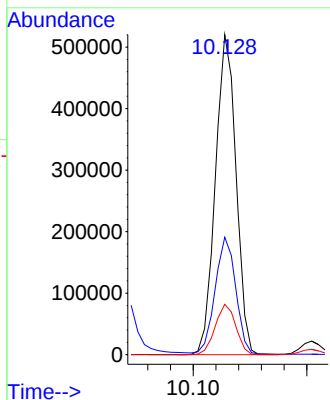
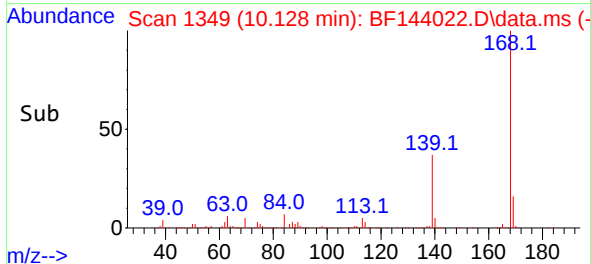


#55
Dibenzofuran
Concen: 47.17 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Instrument :
BNA_F
ClientSampleId :
41-LBMSD

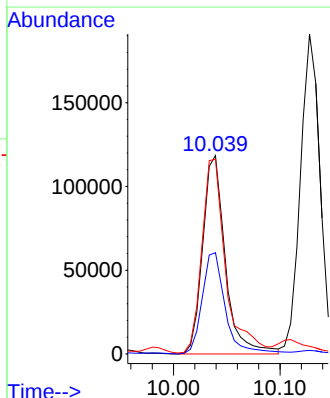
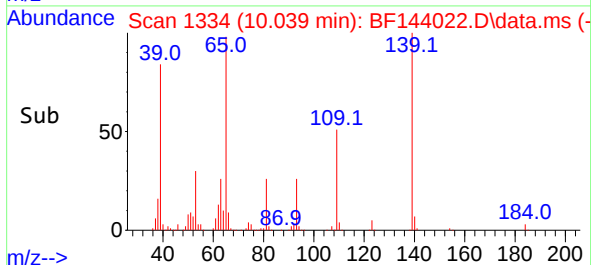
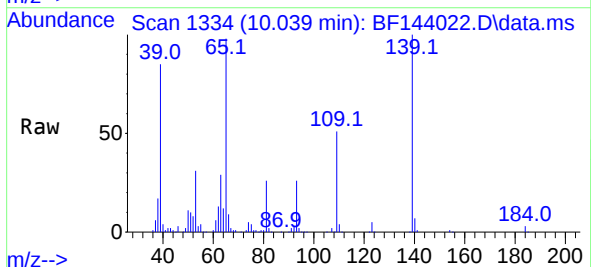


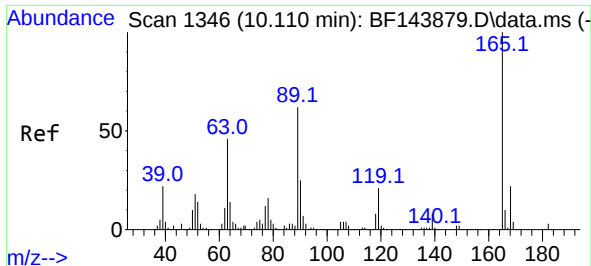
Tgt Ion:168 Resp: 657401
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 15.8 12.8 19.2



#56
4-Nitrophenol
Concen: 82.91 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:139 Resp: 175713
Ion Ratio Lower Upper
139 100
109 51.0 34.5 74.5
65 98.1 77.6 117.6

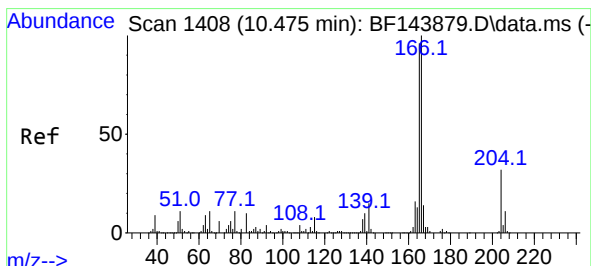
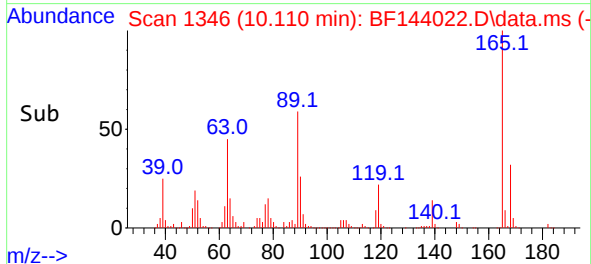
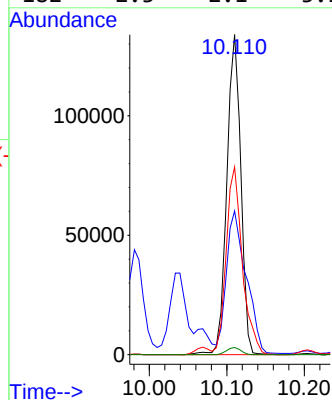
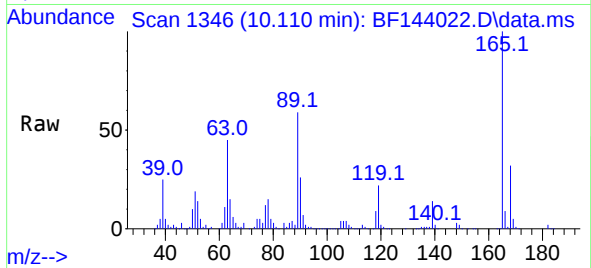




#57
2,4-Dinitrotoluene
Concen: 54.15 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

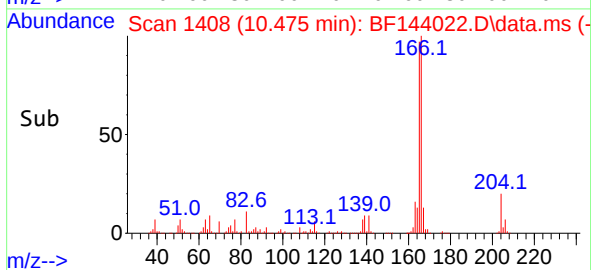
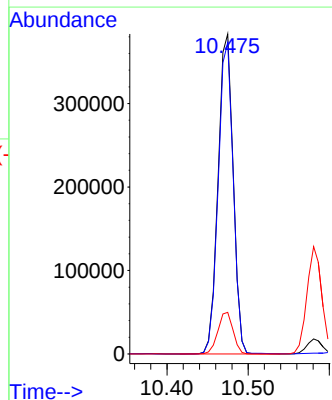
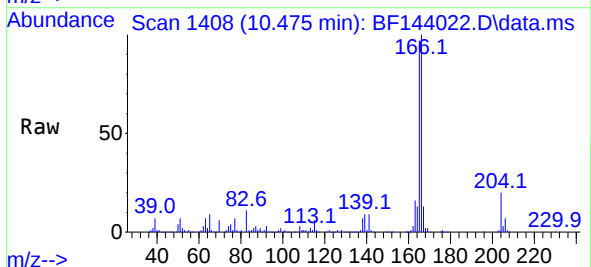
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

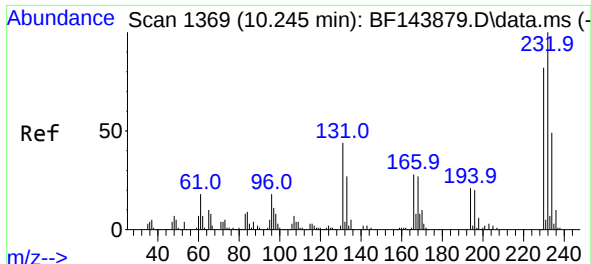
Tgt Ion:165 Resp: 168424
Ion Ratio Lower Upper
165 100
63 44.9 37.2 55.8
89 58.7 49.4 74.2
182 2.3 2.1 3.1



#58
Fluorene
Concen: 47.12 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:166 Resp: 495457
Ion Ratio Lower Upper
166 100
165 97.3 77.0 115.6
167 13.0 11.1 16.7

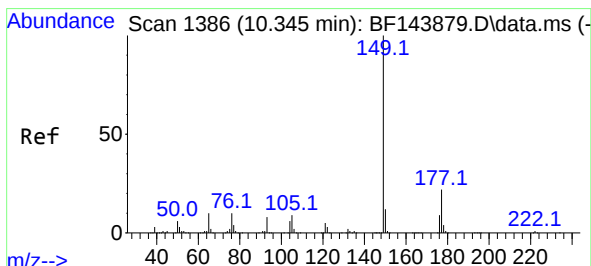
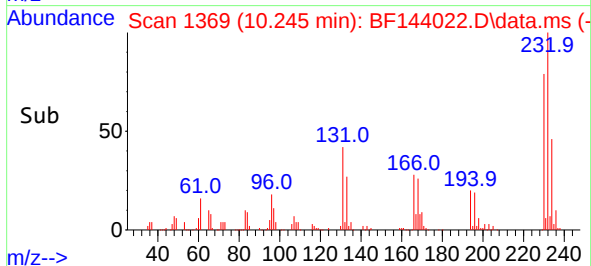
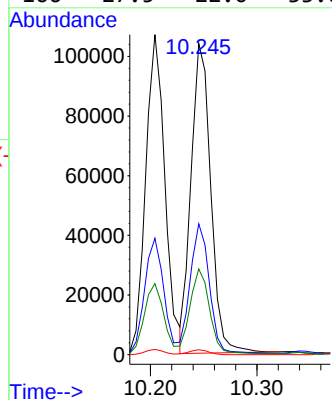
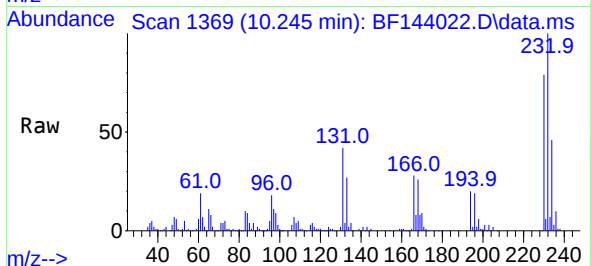




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.57 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

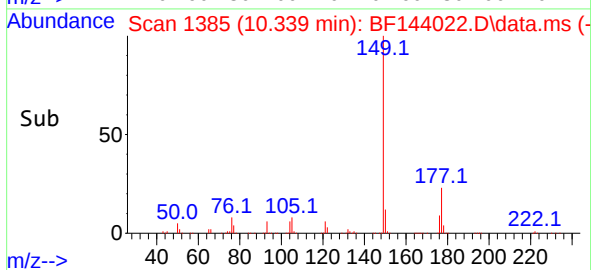
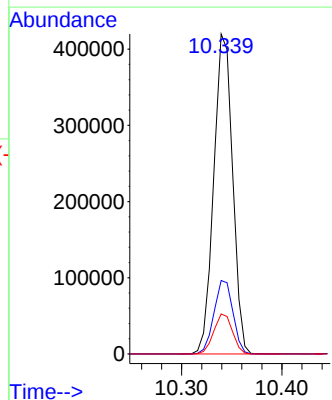
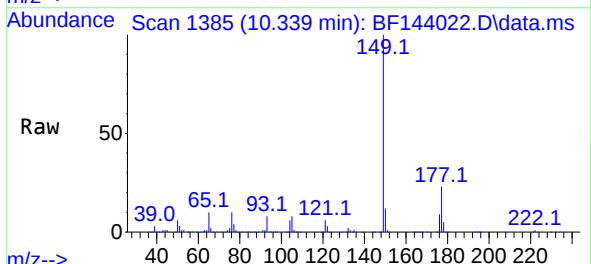
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

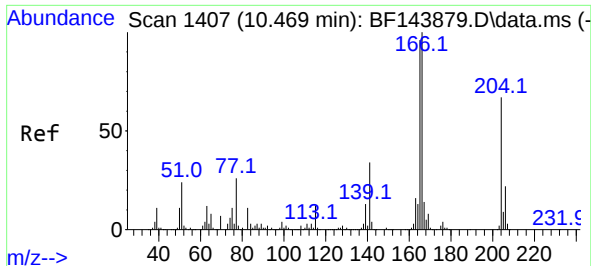
Tgt Ion:232 Resp: 133635
Ion Ratio Lower Upper
232 100
131 42.5 34.9 52.3
130 1.6 1.6 2.4
166 27.5 22.0 33.0



#60
Diethylphthalate
Concen: 47.77 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:149 Resp: 547114
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.5 9.8 14.8

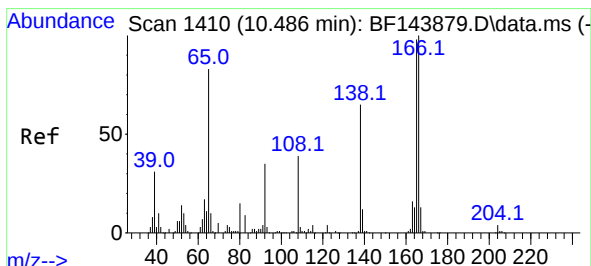
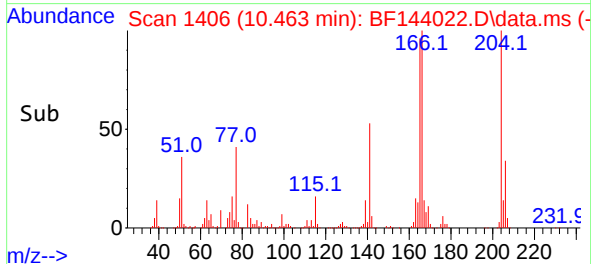
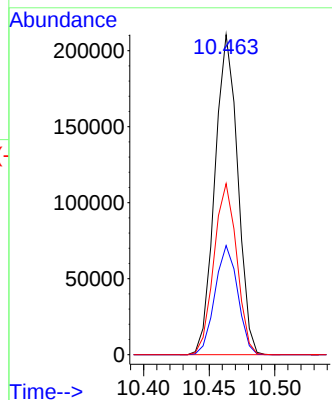
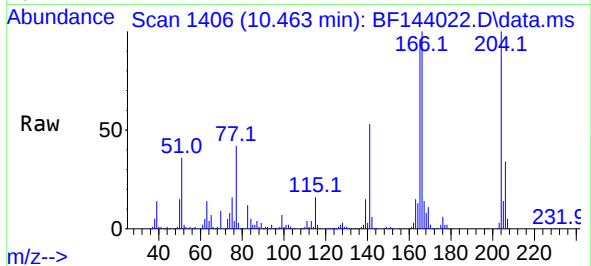




#61
4-Chlorophenyl-phenylether
Concen: 45.78 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

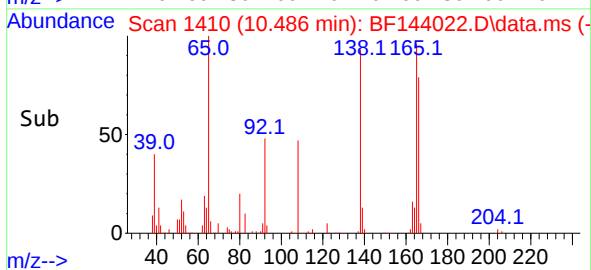
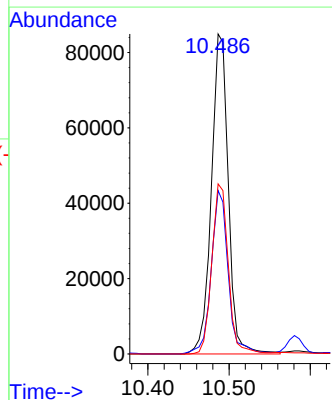
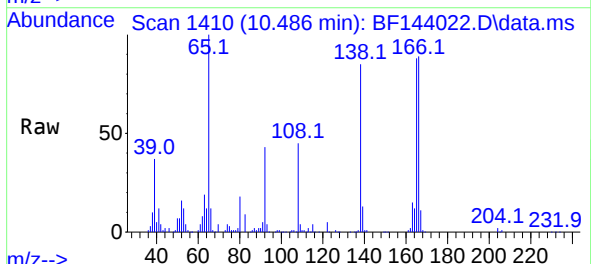
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

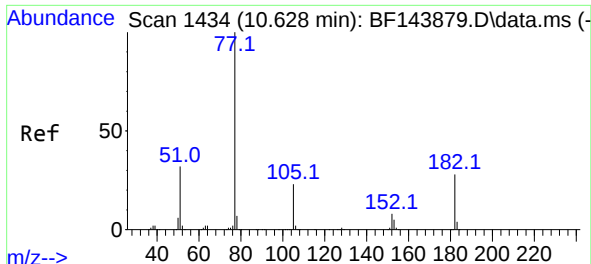
Tgt Ion:204 Resp: 254519
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 53.4 40.4 60.6



#62
4-Nitroaniline
Concen: 45.68 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:138 Resp: 122960
Ion Ratio Lower Upper
138 100
92 51.0 33.9 73.9
108 53.2 40.2 80.2



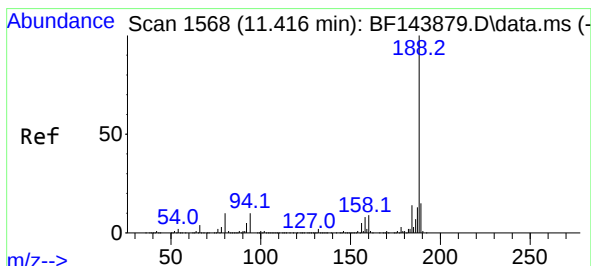
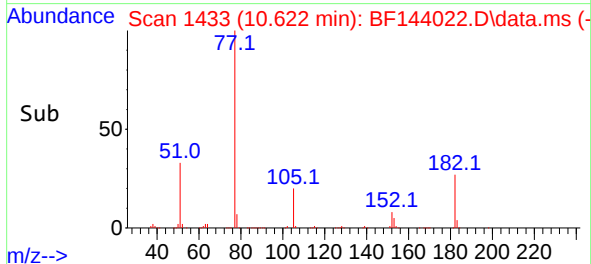
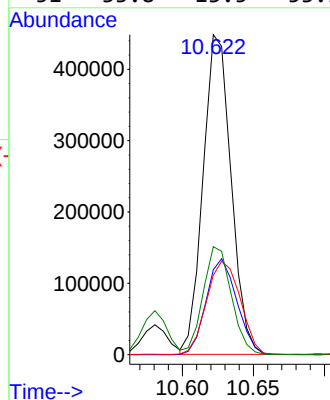
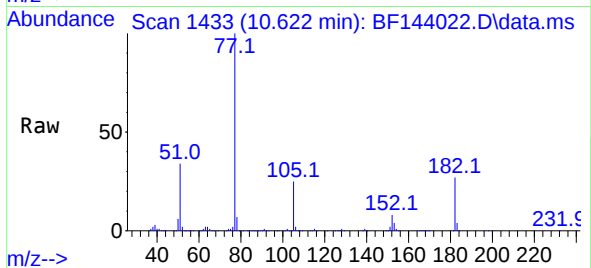


#63
Azobenzene
Concen: 51.44 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Instrument :
BNA_F
ClientSampleId :
41-LBMSD

Tgt Ion: 77 Resp: 615682

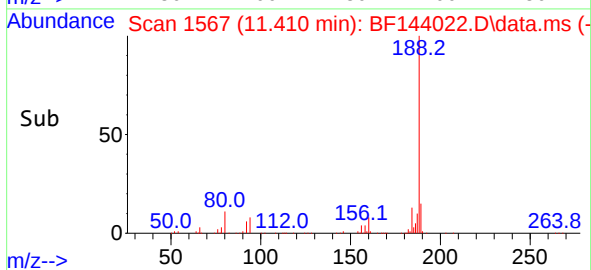
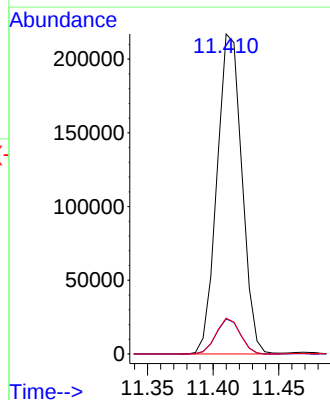
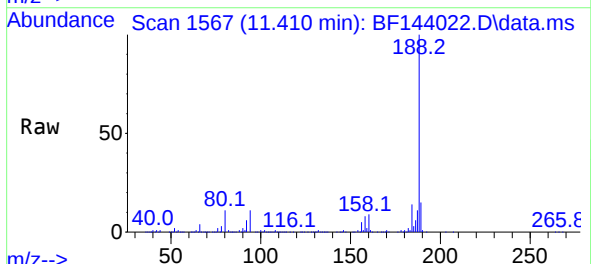
Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.3	47.3
105	24.8	3.0	43.0
51	33.8	13.5	53.5

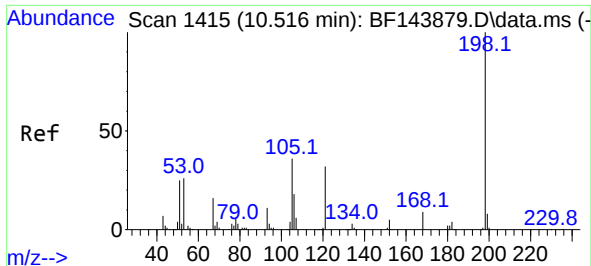


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion: 188 Resp: 286809

Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.8	11.6
80	11.2	7.9	11.9

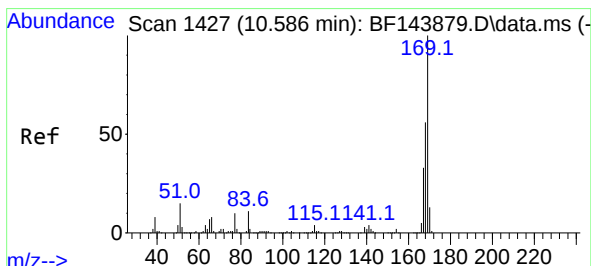
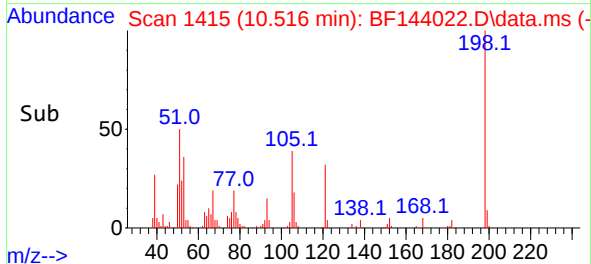
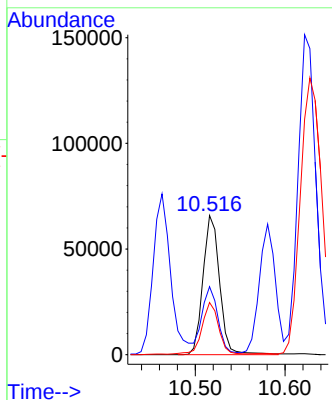
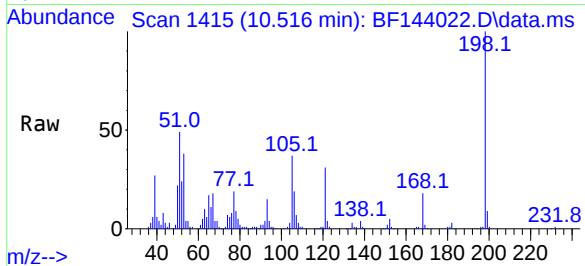




#65
4,6-Dinitro-2-methylphenol
Concen: 59.00 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

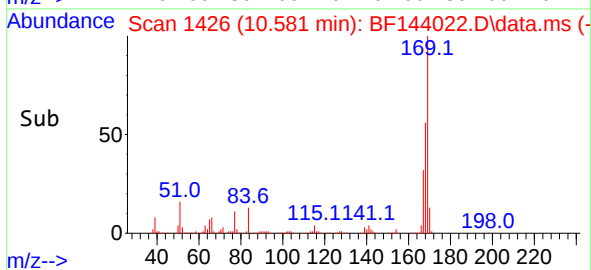
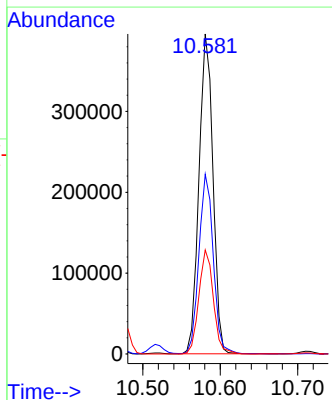
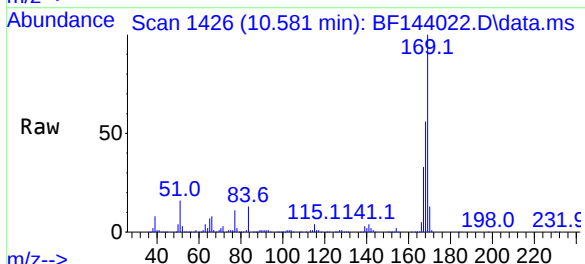
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

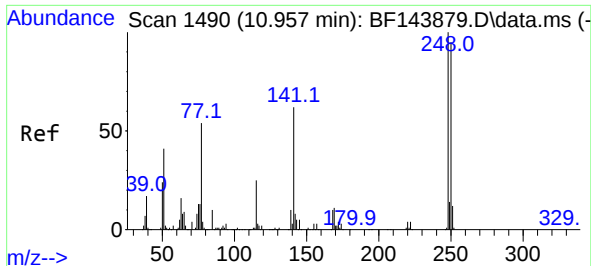
Tgt Ion:198 Resp: 85035
Ion Ratio Lower Upper
198 100
51 48.8 33.8 73.8
105 37.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 54.99 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:169 Resp: 495231
Ion Ratio Lower Upper
169 100
168 56.2 44.9 67.3
167 32.5 26.3 39.5

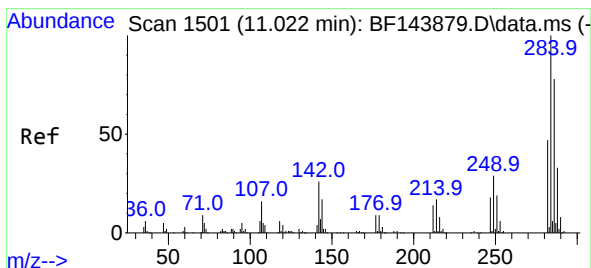
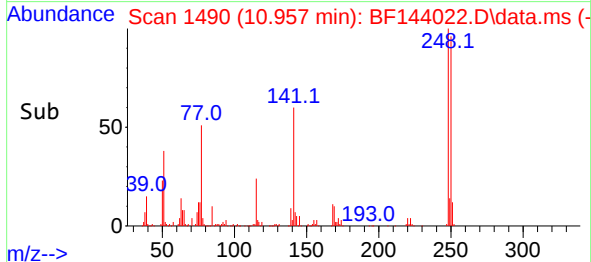
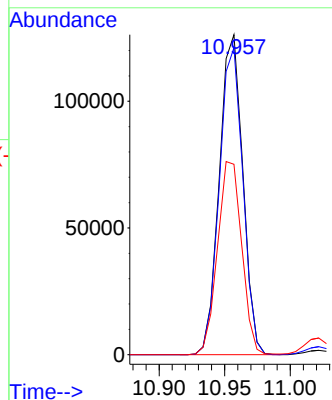
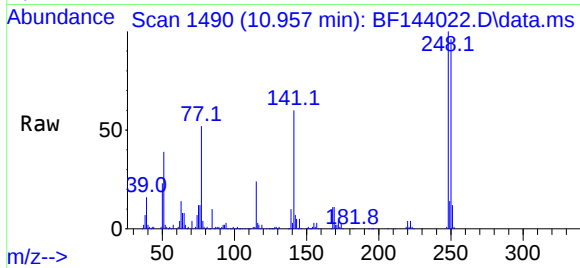




#67
4-Bromophenyl-phenylether
Concen: 49.65 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

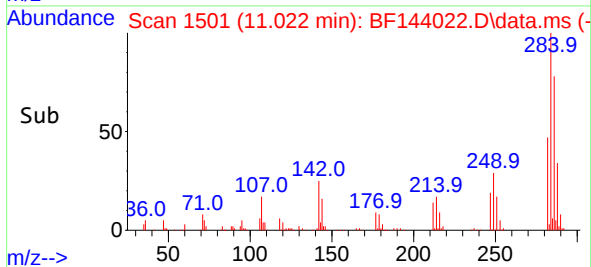
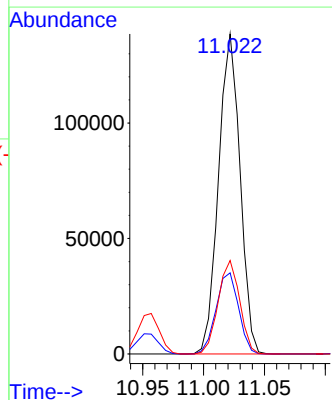
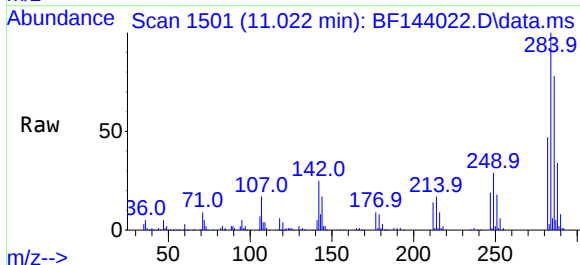
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

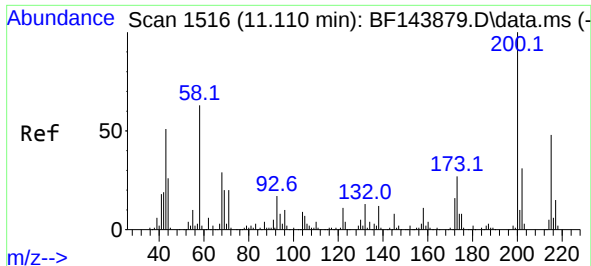
Tgt Ion:248 Resp: 157374
Ion Ratio Lower Upper
248 100
250 96.0 76.3 114.5
141 59.5 49.7 74.5



#68
Hexachlorobenzene
Concen: 46.44 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:284 Resp: 170411
Ion Ratio Lower Upper
284 100
142 25.3 20.6 30.8
249 29.2 23.2 34.8

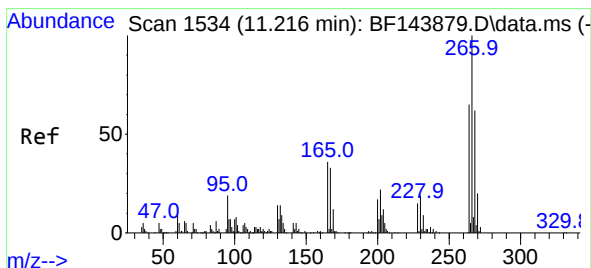
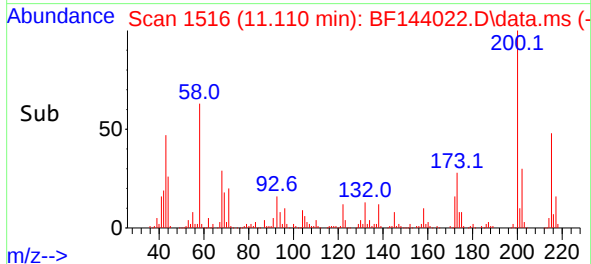
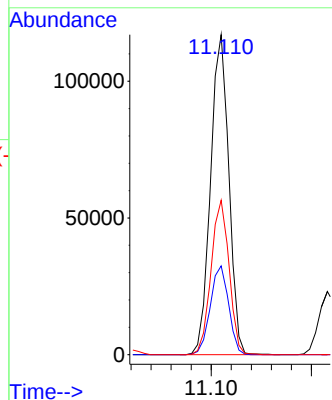
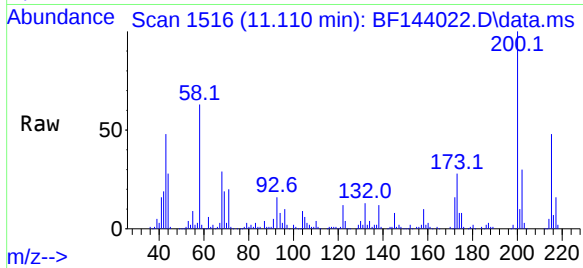




#69
Atrazine
Concen: 54.30 ng
RT: 11.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

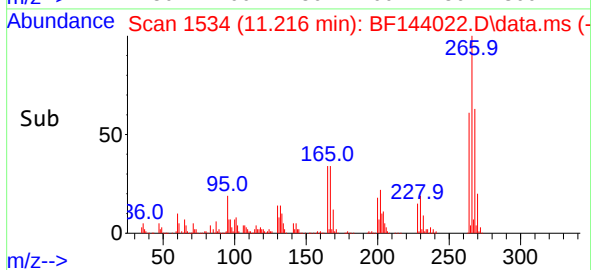
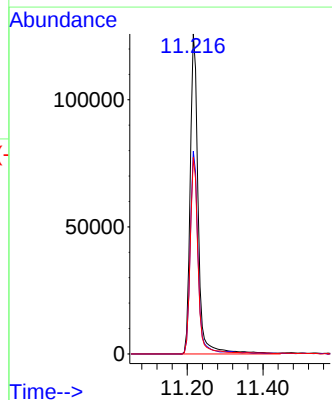
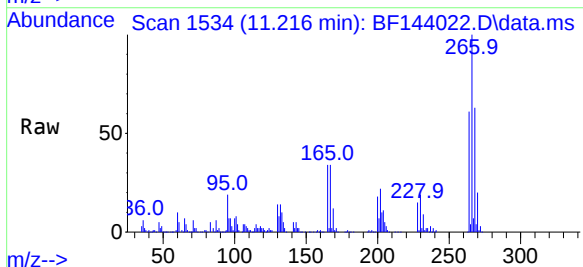
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

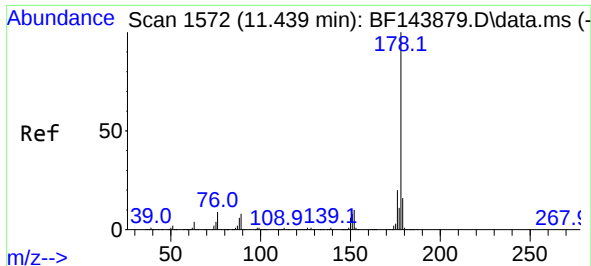
Tgt Ion:200 Resp: 148200
Ion Ratio Lower Upper
200 100
173 27.8 7.0 47.0
215 48.2 27.8 67.8



#70
Pentachlorophenol
Concen: 87.07 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:266 Resp: 183498
Ion Ratio Lower Upper
266 100
268 63.4 49.4 74.0
264 61.4 51.8 77.6

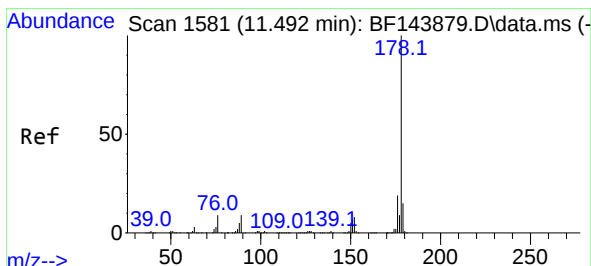
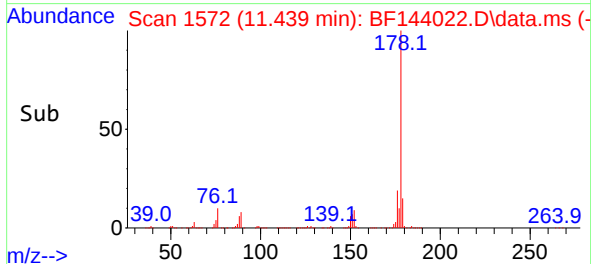
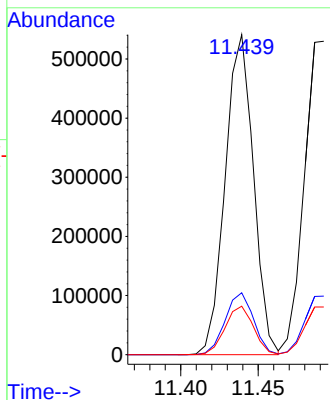
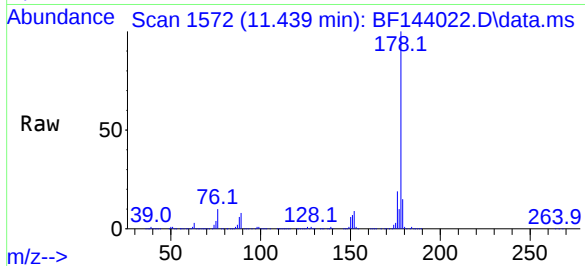




#71
Phenanthrene
Concen: 49.33 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

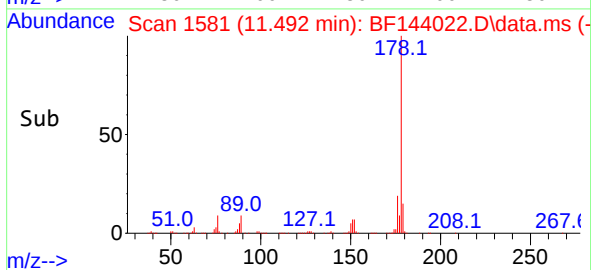
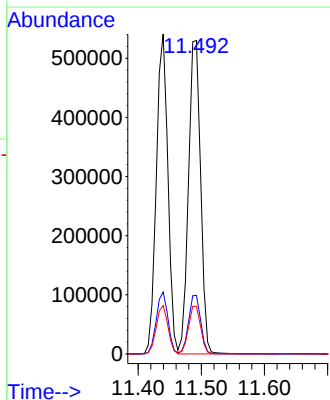
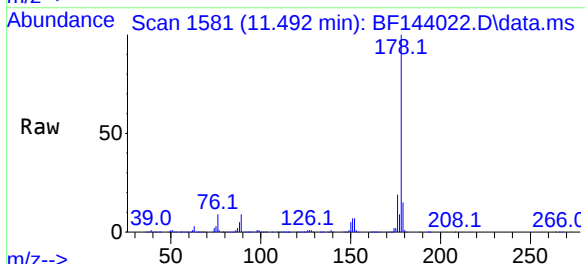
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

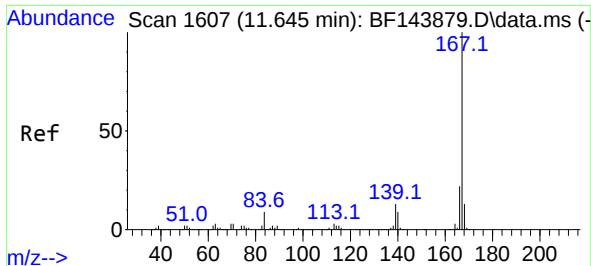
Tgt Ion:178 Resp: 685938
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.2 12.4 18.6



#72
Anthracene
Concen: 50.31 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:178 Resp: 706739
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.2 12.2 18.2



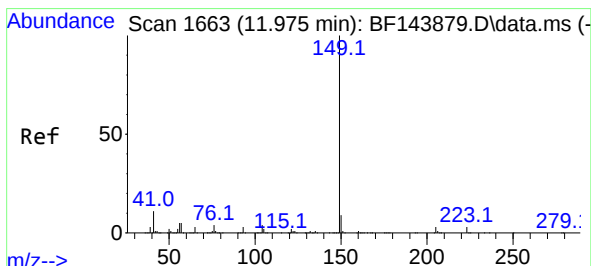
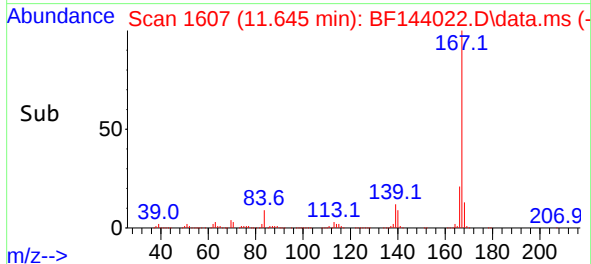
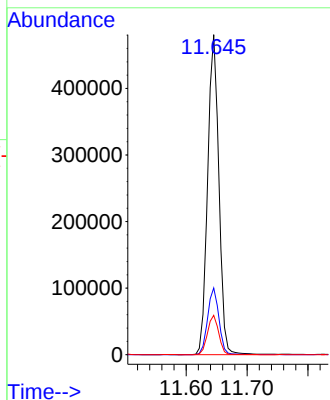
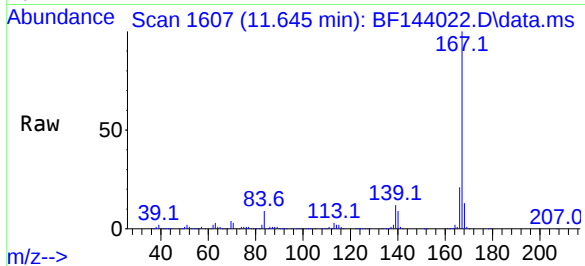


#73
 Carbazole
 Concen: 49.50 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF144022.D
 Acq: 21 Oct 2025 19:58

Instrument :
 BNA_F
 ClientSampleId :
 41-LBMSD

Tgt Ion:167 Resp: 615869

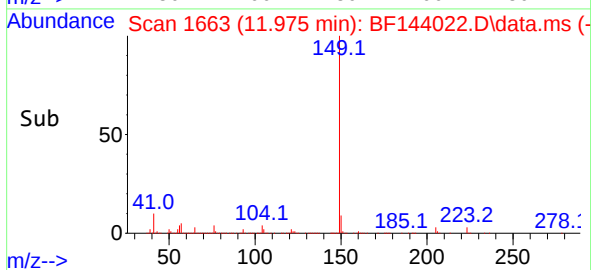
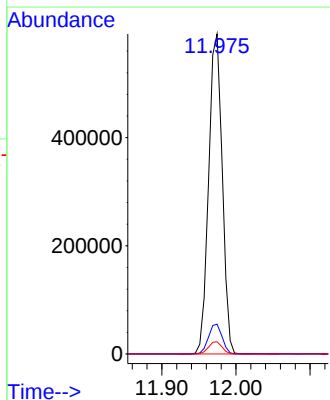
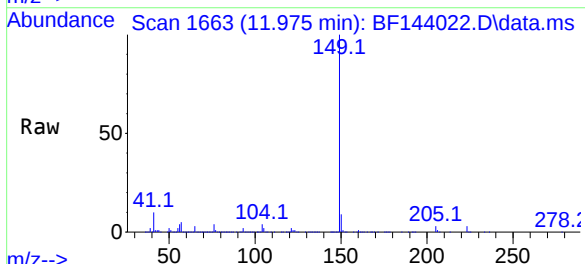
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.3	10.1	15.1

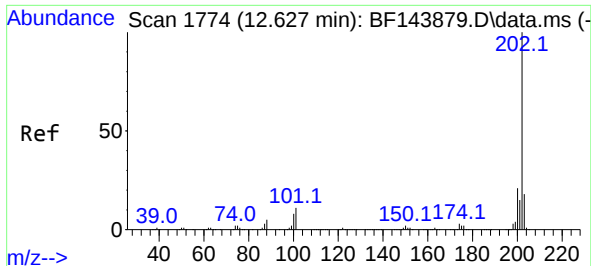


#74
 Di-n-butylphthalate
 Concen: 52.26 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF144022.D
 Acq: 21 Oct 2025 19:58

Tgt Ion:149 Resp: 753521

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	3.8	3.4	5.2

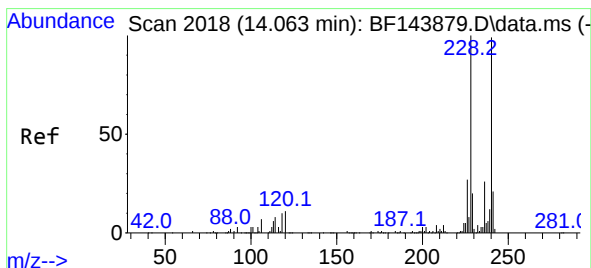
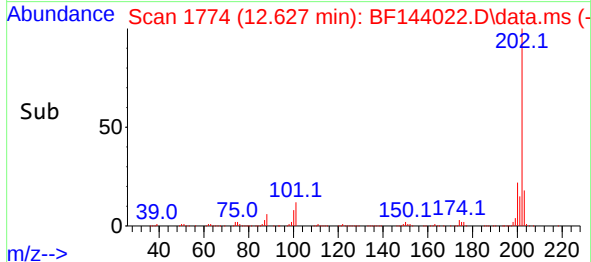
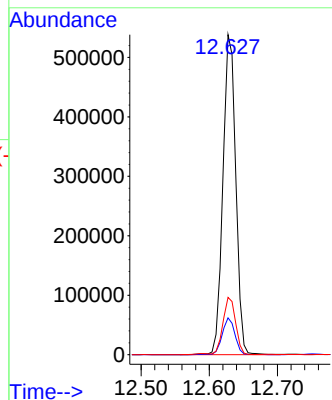
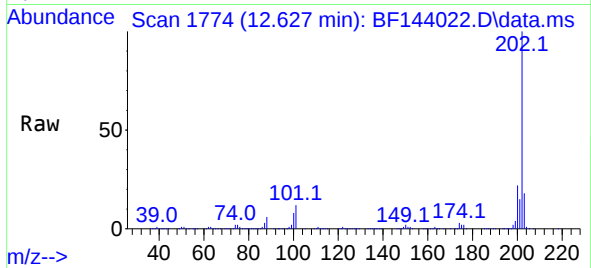




#75
Fluoranthene
Concen: 49.14 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

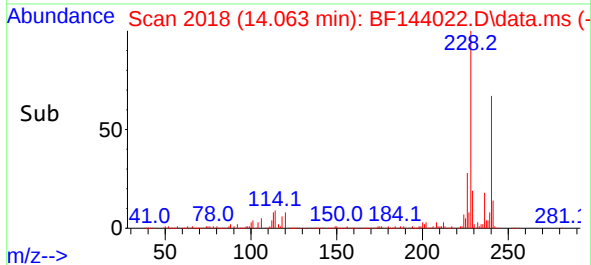
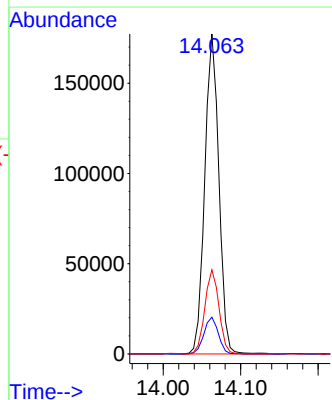
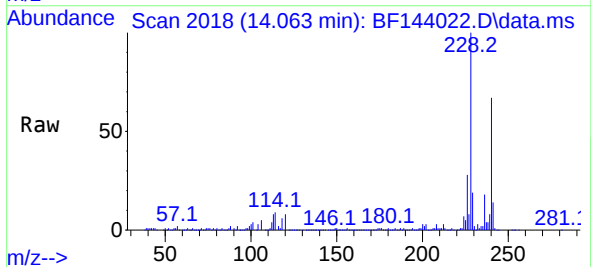
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

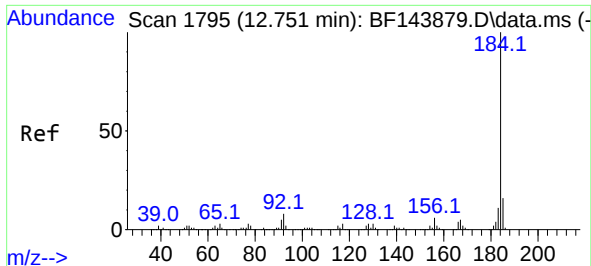
Tgt Ion:202 Resp: 705704
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:240 Resp: 223920
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 26.3 21.1 31.7

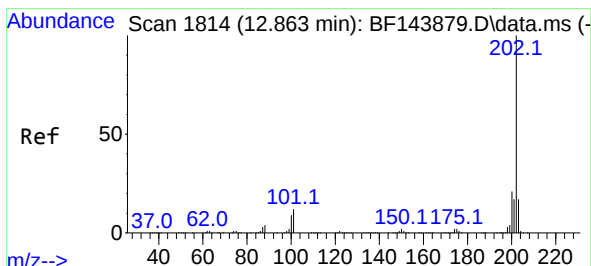
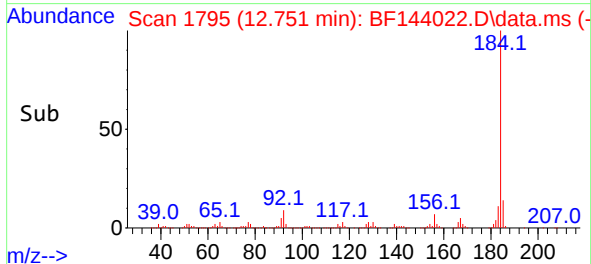
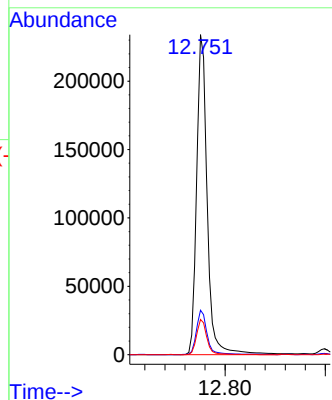
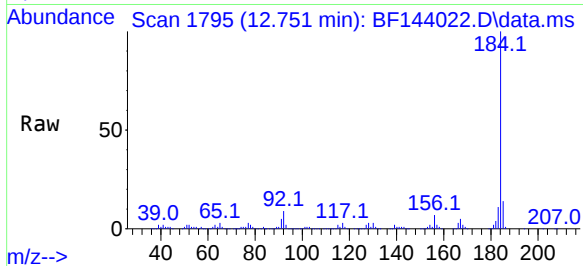




#77
Benzidine
Concen: 43.94 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

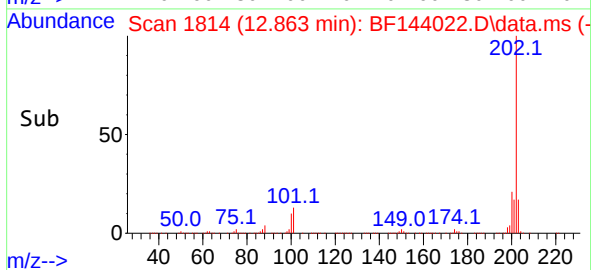
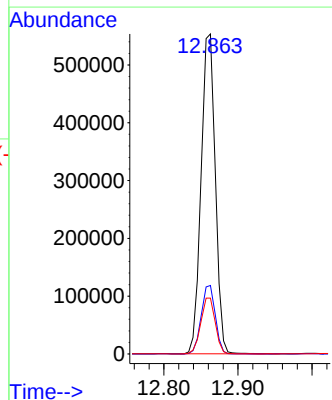
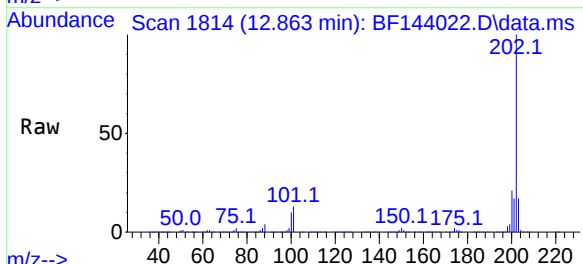
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

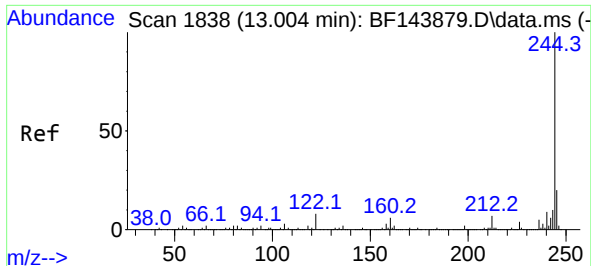
Tgt Ion:184 Resp: 341647
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 11.0 8.8 13.2



#78
Pyrene
Concen: 39.55 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:202 Resp: 738321
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.4 13.8 20.6

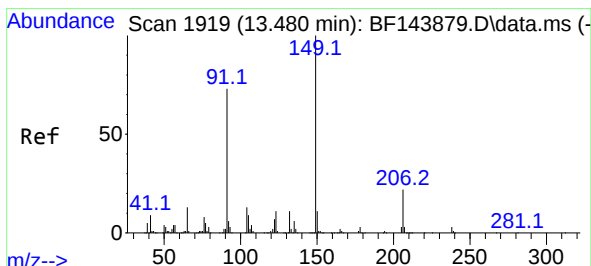
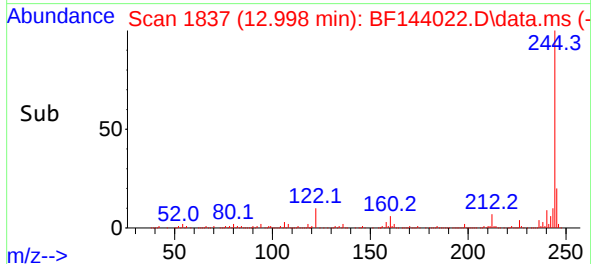
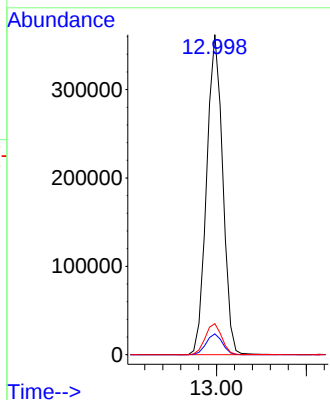
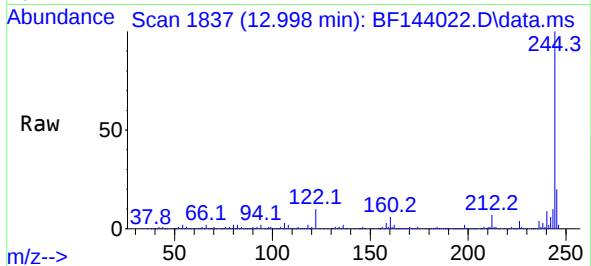




#79
Terphenyl-d14
Concen: 34.37 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

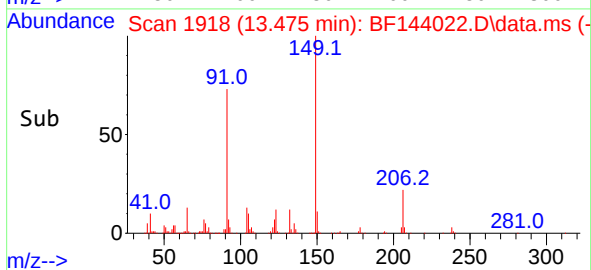
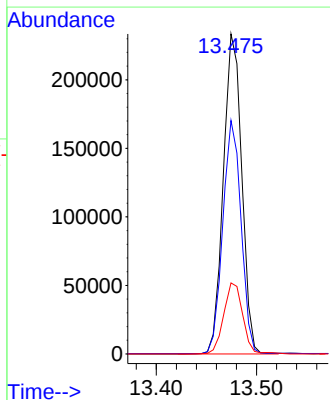
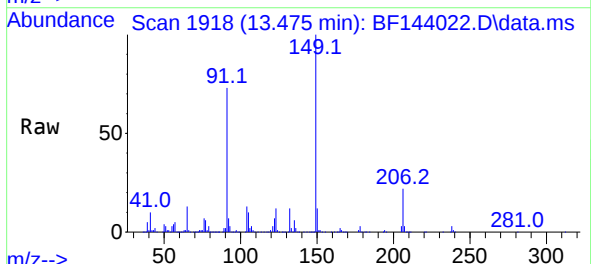
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

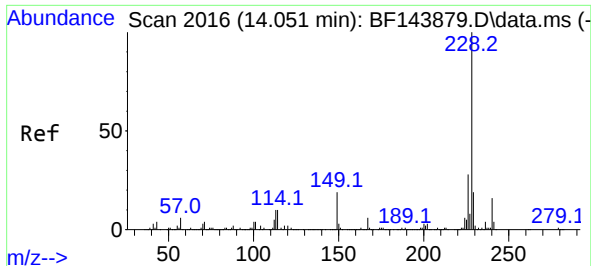
Tgt Ion:244 Resp: 450251
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 9.7 6.4 9.6#



#80
Butylbenzylphthalate
Concen: 49.08 ng
RT: 13.475 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:149 Resp: 297568
Ion Ratio Lower Upper
149 100
91 72.9 58.2 87.2
206 22.2 17.9 26.9

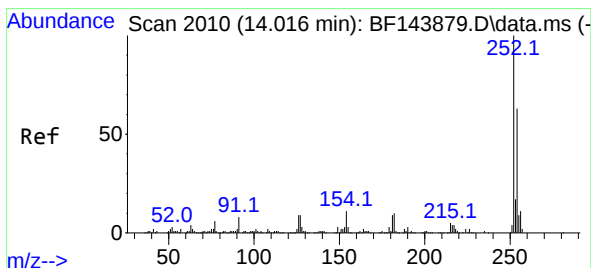
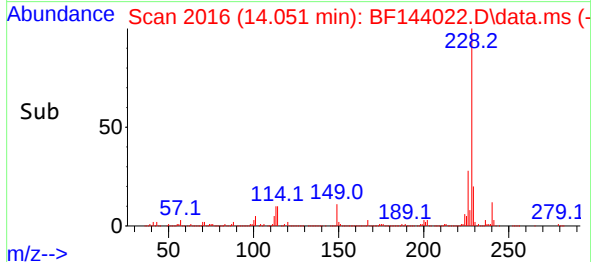
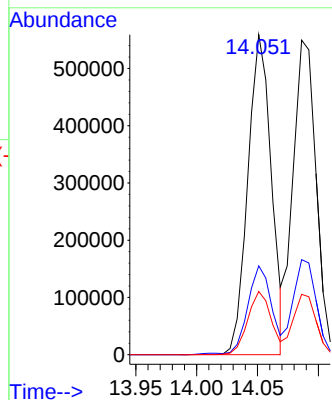
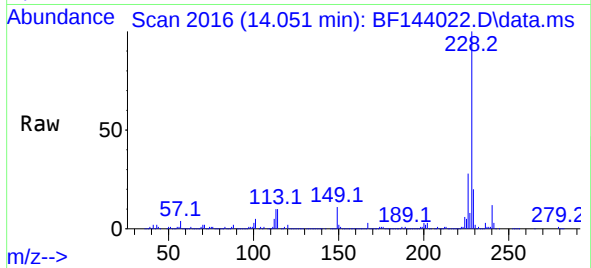




#81
Benzo(a)anthracene
Concen: 51.28 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

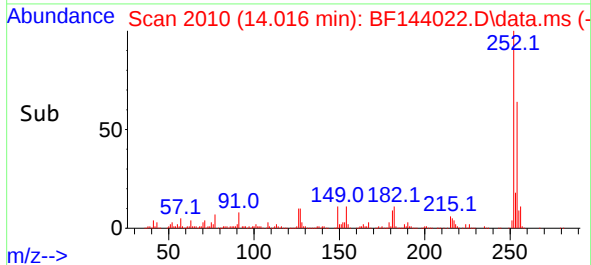
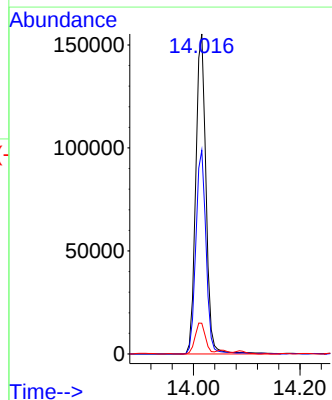
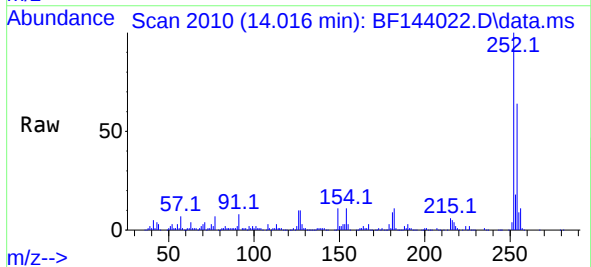
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

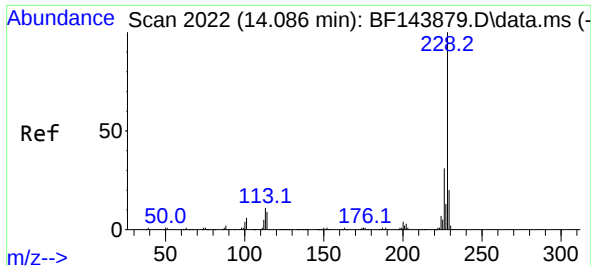
Tgt Ion:228 Resp: 751378
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 46.53 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:252 Resp: 207789
Ion Ratio Lower Upper
252 100
254 63.7 50.6 76.0
126 9.6 7.0 10.6

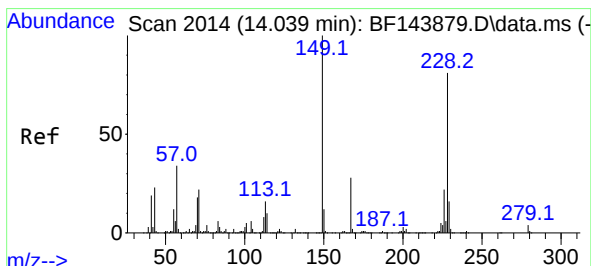
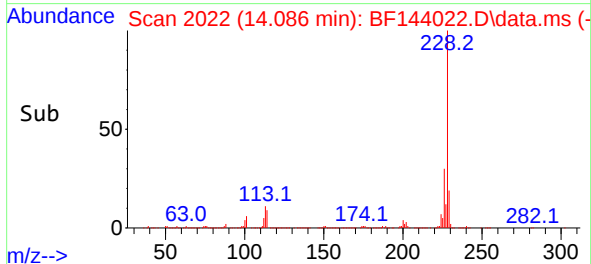
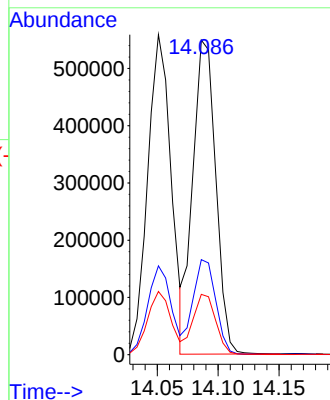
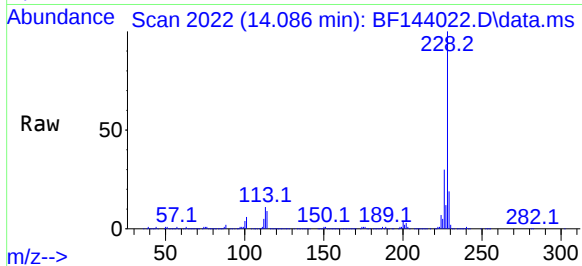




#83
Chrysene
Concen: 53.14 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

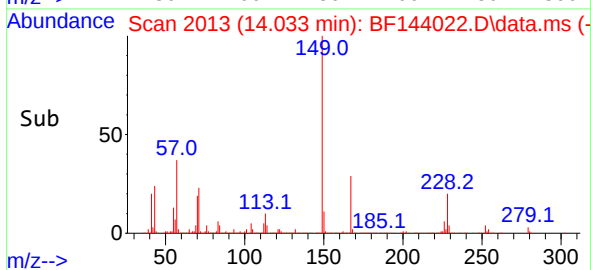
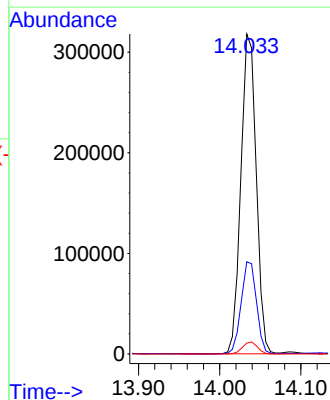
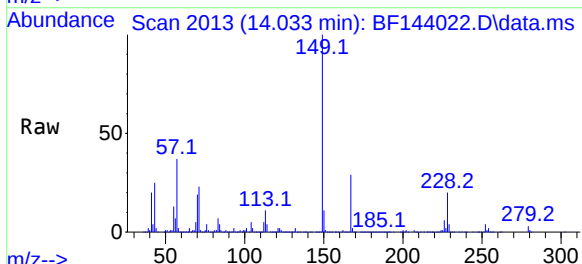
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

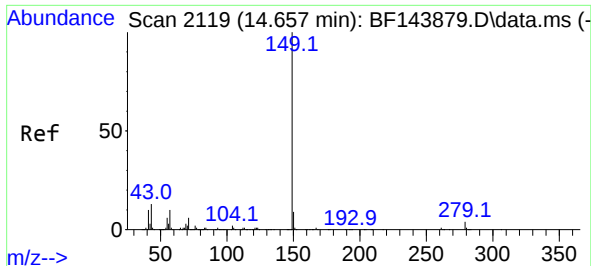
Tgt Ion:228 Resp: 720720
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.2 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.15 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:149 Resp: 417651
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.4
279 3.4 3.1 4.7

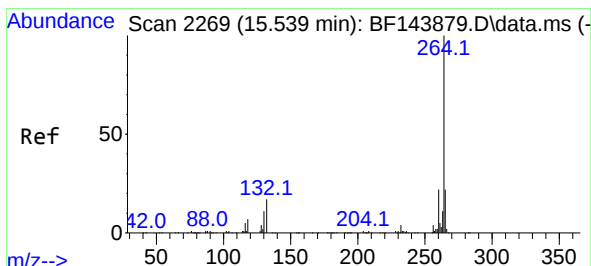
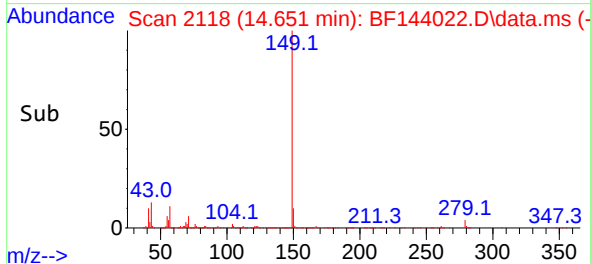
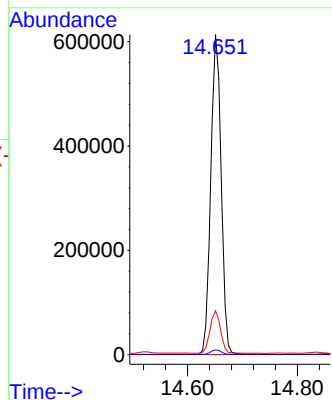
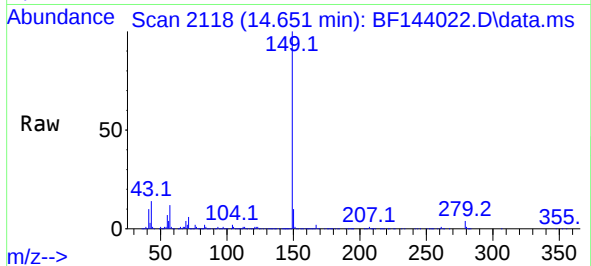




#85
Di-n-octyl phthalate
Concen: 66.97 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

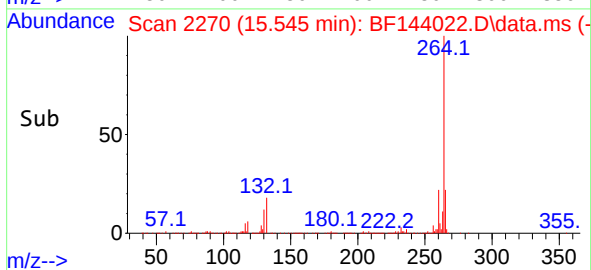
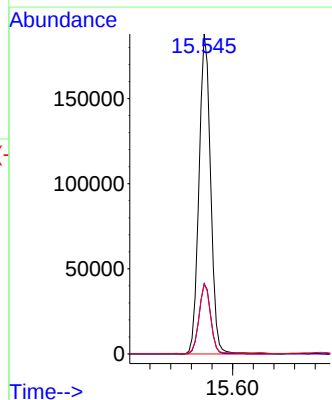
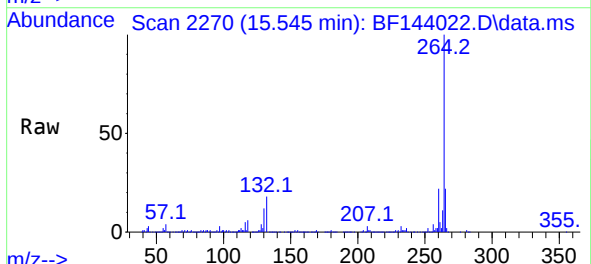
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

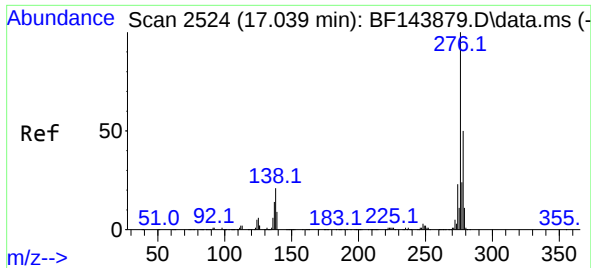
Tgt Ion:149 Resp: 803920
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.4 11.0 16.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:264 Resp: 293398
Ion Ratio Lower Upper
264 100
260 22.0 17.8 26.8
265 21.8 17.5 26.3

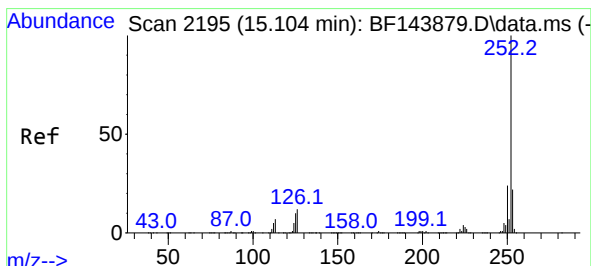
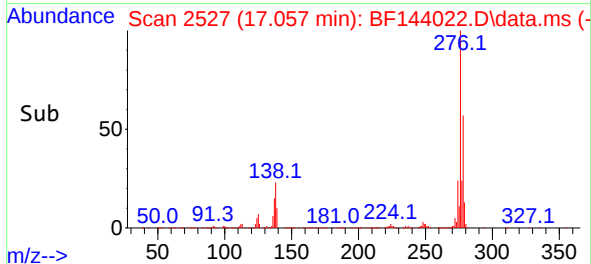
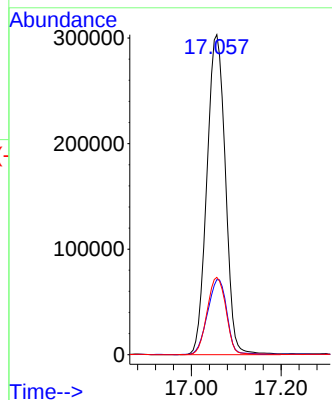
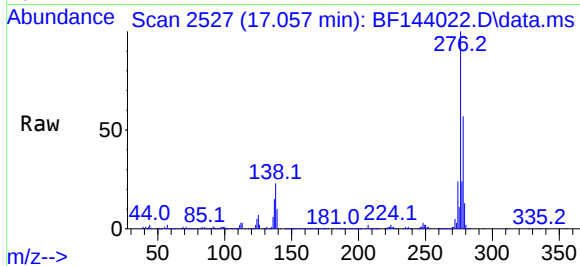




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.20 ng
RT: 17.057 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

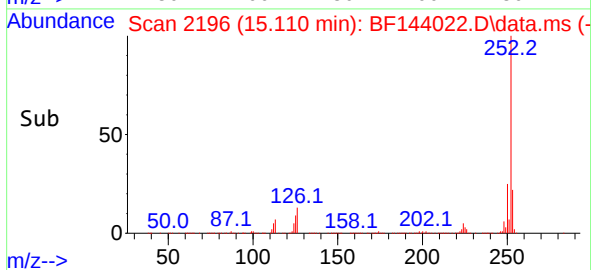
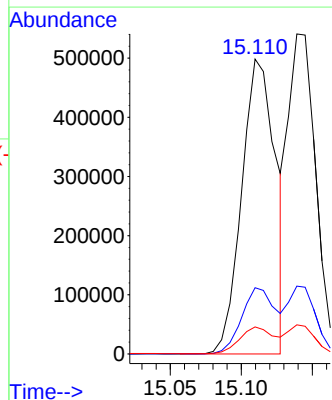
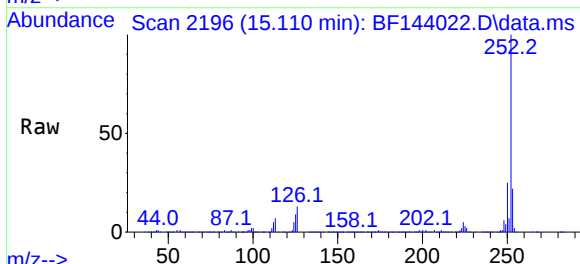
Instrument :
BNA_F
ClientSampleId :
41-LBMSD

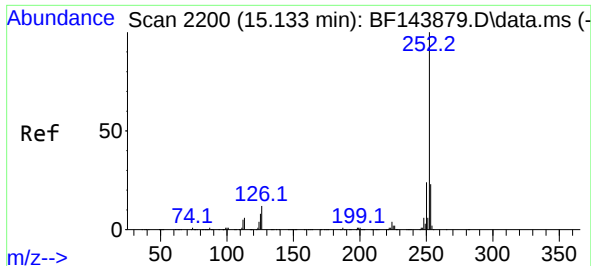
Tgt Ion:276 Resp: 866474
Ion Ratio Lower Upper
276 100
138 24.7 18.2 27.2
277 24.7 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 49.10 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:252 Resp: 827497
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.2 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 46.49 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144022.D

Acq: 21 Oct 2025 19:58

Instrument :

BNA_F

ClientSampleId :

41-LBMSD

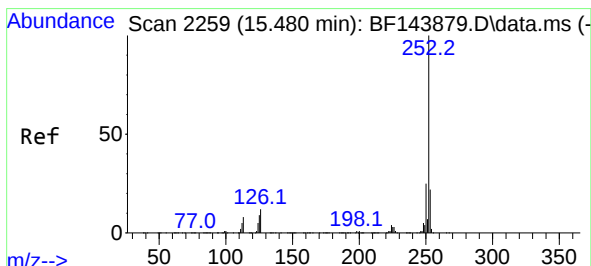
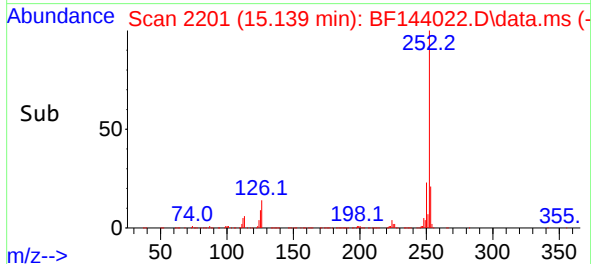
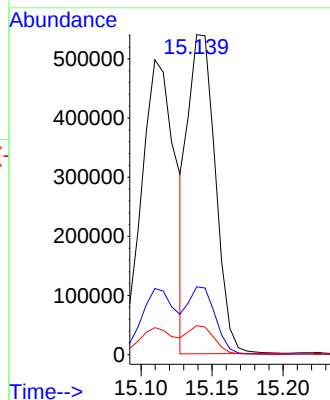
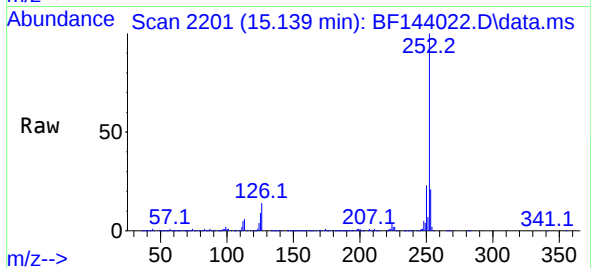
Tgt Ion:252 Resp: 725032

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 52.48 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144022.D

Acq: 21 Oct 2025 19:58

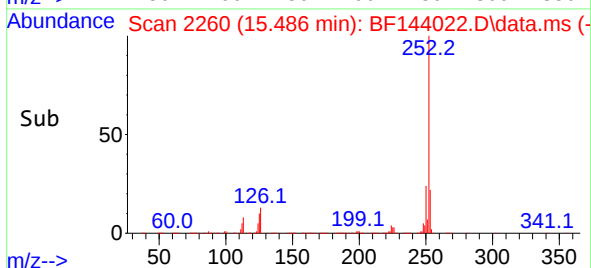
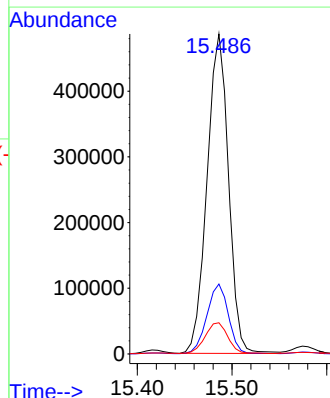
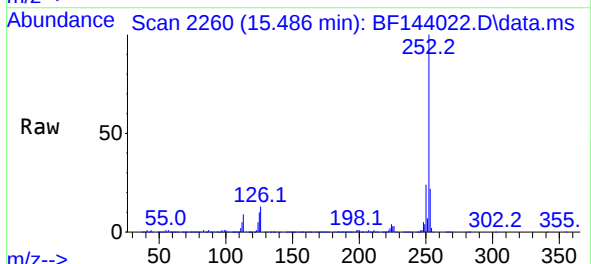
Tgt Ion:252 Resp: 766944

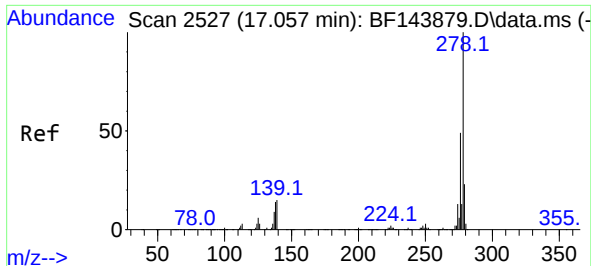
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.7 7.0 10.4

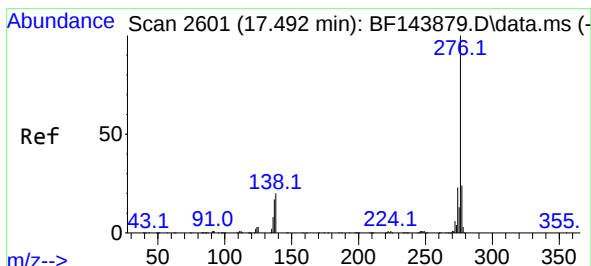
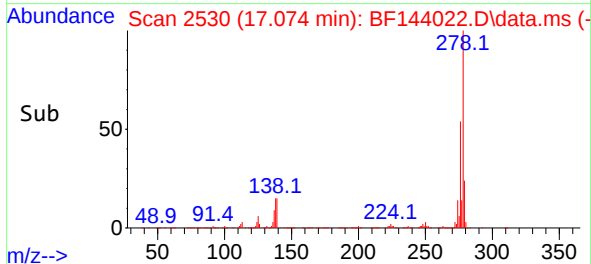
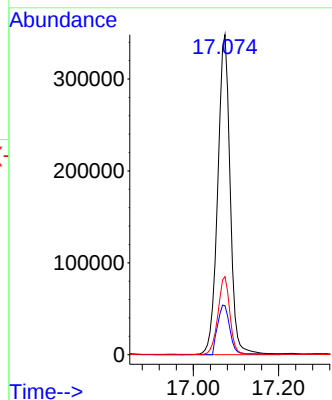
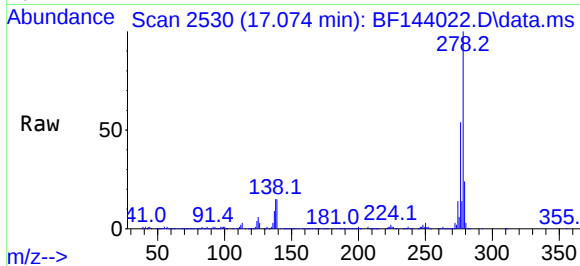




#91
Dibenzo(a,h)anthracene
Concen: 48.81 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Instrument :
BNA_F
ClientSampleId :
41-LBMSD

Tgt Ion:278 Resp: 705803
Ion Ratio Lower Upper
278 100
139 15.3 11.7 17.5
279 24.4 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 46.10 ng
RT: 17.510 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144022.D
Acq: 21 Oct 2025 19:58

Tgt Ion:276 Resp: 666626
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 22.2 16.1 24.1

