

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072925\
 Data File : BF143265.D
 Acq On : 29 Jul 2025 19:39
 Operator : RC/JU
 Sample : Q2709-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7211935-295MSD

Quant Time: Jul 30 01:03:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	86371	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	314979	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	148704	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	223054	20.000	ng	0.00
76) Chrysene-d12	14.127	240	182968	20.000	ng	0.00
86) Perylene-d12	15.633	264	207136	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	413502	75.761	ng	0.01
7) Phenol-d6	6.587	99	525735	76.527	ng	0.00
23) Nitrobenzene-d5	7.516	82	346491	54.834	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	128820	83.856	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	648440	59.637	ng	0.00
79) Terphenyl-d14	13.069	244	559467	45.502	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	96972	37.548	ng	98
3) Pyridine	3.622	79	252955	37.736	ng	98
4) n-Nitrosodimethylamine	3.563	42	140583	40.620	ng	98
6) Aniline	6.622	93	262519	27.419	ng	100
8) 2-Chlorophenol	6.745	128	235930	41.239	ng	98
9) Benzaldehyde	6.510	77	152477	29.599	ng	99
10) Phenol	6.598	94	306017	40.889	ng	96
11) bis(2-Chloroethyl)ether	6.692	93	227339	39.673	ng	98
12) 1,3-Dichlorobenzene	6.904	146	254539	40.956	ng	100
13) 1,4-Dichlorobenzene	6.981	146	257740	41.180	ng	99
14) 1,2-Dichlorobenzene	7.134	146	246938	41.482	ng	99
15) Benzyl Alcohol	7.092	79	216027	41.183	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	404236	38.028	ng	98
17) 2-Methylphenol	7.210	107	192414	39.999	ng	99
18) Hexachloroethane	7.475	117	91152	42.069	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	168289	38.182	ng	98
20) 3+4-Methylphenols	7.357	107	235545	40.358	ng	# 82
22) Acetophenone	7.363	105	320783	43.017	ng	97
24) Nitrobenzene	7.534	77	258234	43.834	ng	98
25) Isophorone	7.775	82	457056	40.973	ng	99
26) 2-Nitrophenol	7.857	139	124321	48.624	ng	100
27) 2,4-Dimethylphenol	7.887	122	210150	40.323	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	271581	40.606	ng	100
29) 2,4-Dichlorophenol	8.098	162	184931	42.076	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	203646	42.888	ng	99
31) Naphthalene	8.263	128	663199	42.753	ng	100
32) Benzoic acid	7.992	122	121505	42.101	ng	98
33) 4-Chloroaniline	8.304	127	112093	17.697	ng	98
34) Hexachlorobutadiene	8.387	225	128999	44.473	ng	100
35) Caprolactam	8.698	113	21229	15.984	ng	98
36) 4-Chloro-3-methylphenol	8.786	107	198536	41.559	ng	98
37) 2-Methylnaphthalene	8.957	142	395536	41.902	ng	100
38) 1-Methylnaphthalene	9.057	142	406453	41.815	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	195256	45.480	ng	99
41) Hexachlorocyclopentadiene	9.116	237	236020	84.489	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	131325	44.198	ng	98

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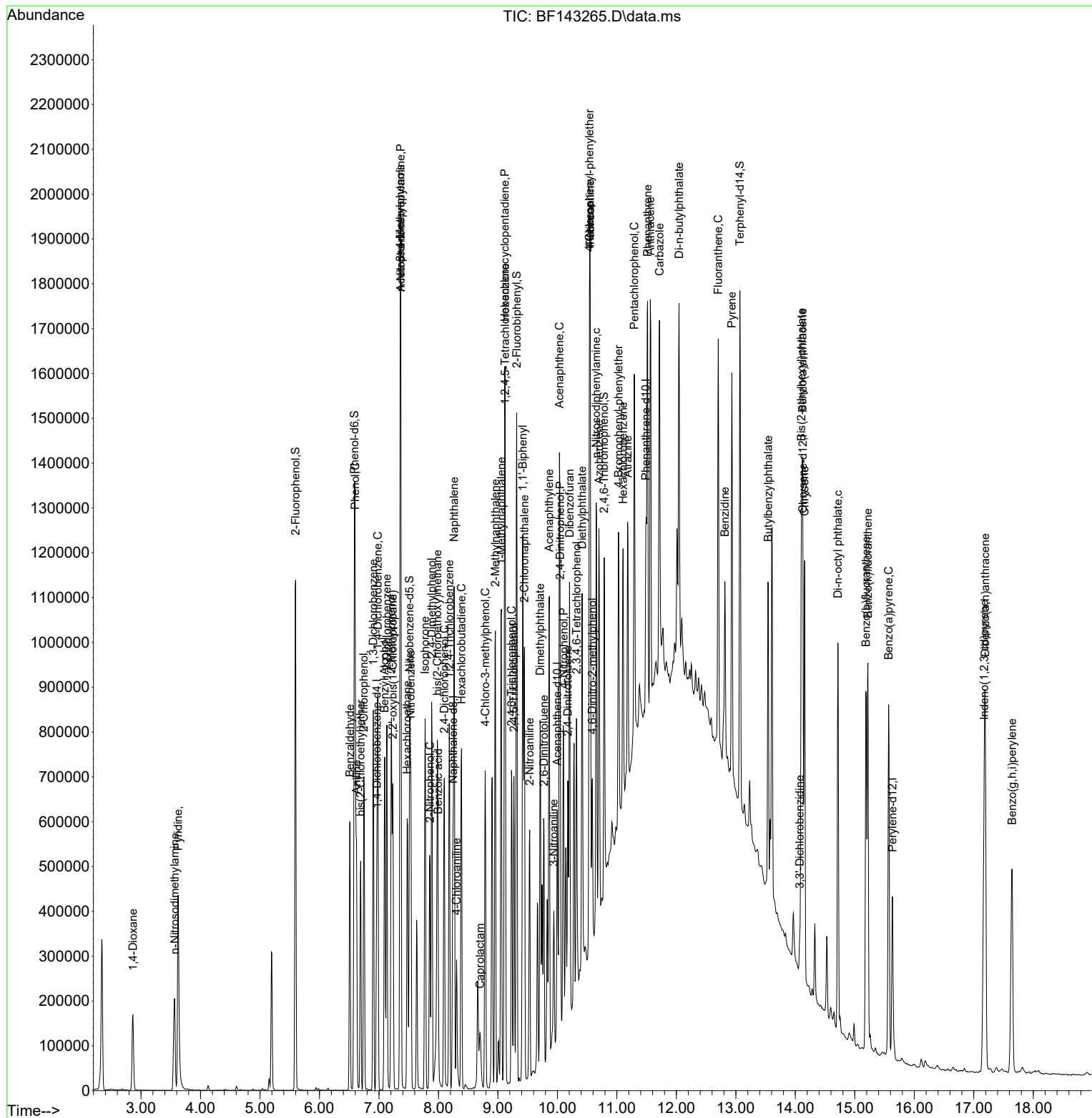
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	136136	45.803	ng	98
46) 1,1'-Biphenyl	9.416	154	530712	45.744	ng	100
47) 2-Chloronaphthalene	9.445	162	382187	44.521	ng	100
48) 2-Nitroaniline	9.534	65	129904	48.254	ng	99
49) Acenaphthylene	9.863	152	634641	44.114	ng	100
50) Dimethylphthalate	9.710	163	433250	44.697	ng	100
51) 2,6-Dinitrotoluene	9.775	165	95612	48.489	ng	96
52) Acenaphthene	10.033	154	410066	48.226	ng	99
53) 3-Nitroaniline	9.939	138	62984	27.309	ng	99
54) 2,4-Dinitrophenol	10.045	184	99441	108.667	ng	# 1
55) Dibenzofuran	10.204	168	536751	42.517	ng	98
56) 4-Nitrophenol	10.104	139	152858	88.754	ng	95
57) 2,4-Dinitrotoluene	10.175	165	124900	50.488	ng	96
58) Fluorene	10.551	166	398190	42.026	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	106698	43.337	ng	99
60) Diethylphthalate	10.416	149	414070	43.220	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	196662	41.685	ng	98
62) 4-Nitroaniline	10.551	138	89759	45.409	ng	96
63) Azobenzene	10.698	77	437820	43.847	ng	96
65) 4,6-Dinitro-2-methylph...	10.586	198	62552	52.875	ng	96
66) n-Nitrosodiphenylamine	10.651	169	345516	43.990	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	116120	43.684	ng	96
68) Hexachlorobenzene	11.104	284	118722	42.731	ng	99
69) Atrazine	11.180	200	102642	47.401	ng	96
70) Pentachlorophenol	11.292	266	146735	89.806	ng	99
71) Phenanthrene	11.516	178	511019	43.148	ng	99
72) Anthracene	11.563	178	519488	43.007	ng	99
73) Carbazole	11.716	167	472217	44.771	ng	98
74) Di-n-butylphthalate	12.045	149	562547	47.137	ng	99
75) Fluoranthene	12.704	202	532603	48.994	ng	98
77) Benzidine	12.816	184	213613	30.303	ng	99
78) Pyrene	12.933	202	543005	34.774	ng	99
80) Butylbenzylphthalate	13.545	149	235979	49.351	ng	97
81) Benzo(a)anthracene	14.121	228	530892	43.339	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	22580	5.531	ng	97
83) Chrysene	14.157	228	462919	42.031	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	335897	46.411	ng	100
85) Di-n-octyl phthalate	14.716	149	566842	43.208	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	575285	39.387	ng	98
88) Benzo(b)fluoranthene	15.186	252	538331	42.542	ng	99
89) Benzo(k)fluoranthene	15.221	252	494535	43.796	ng	99
90) Benzo(a)pyrene	15.568	252	509984	43.742	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	465945	39.194	ng	98
92) Benzo(g,h,i)perylene	17.645	276	438935	38.169	ng	97

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

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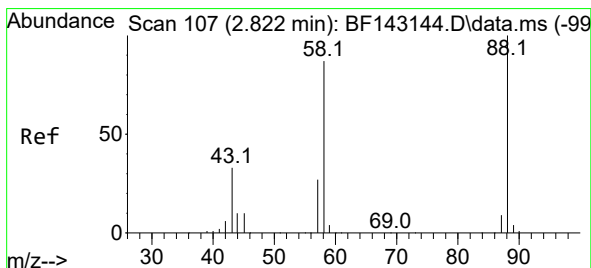
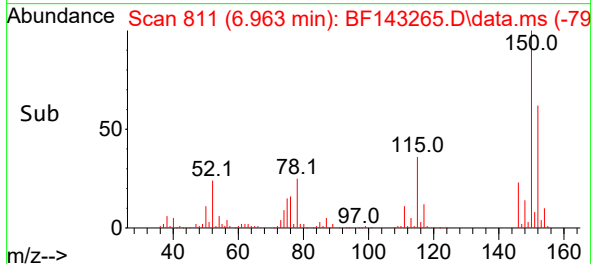
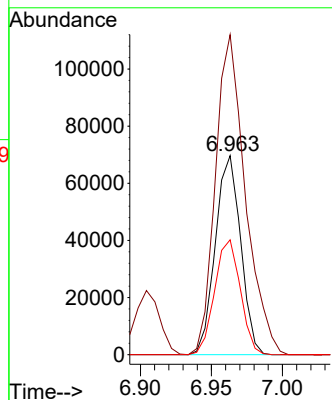
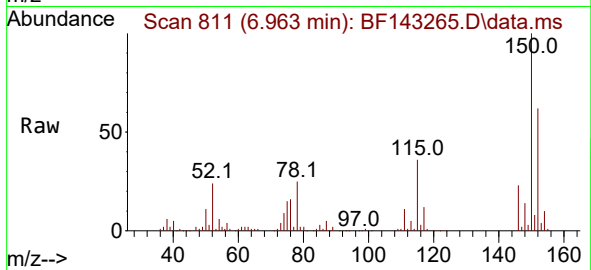




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143265.D
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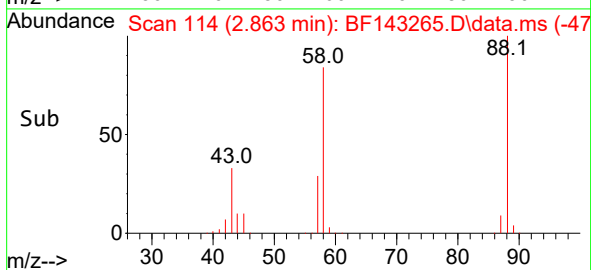
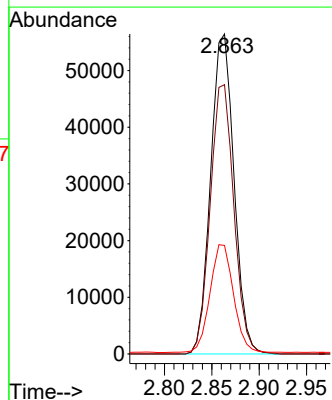
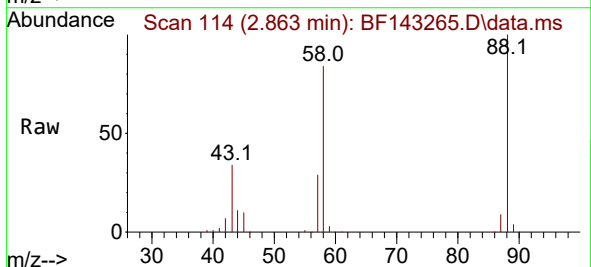
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 ClientSampleId :
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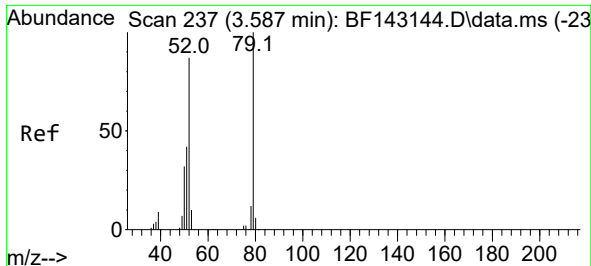
Tgt Ion:152 Resp: 86371
 Ion Ratio Lower Upper
 152 100
 150 160.8 128.2 192.4
 115 57.7 47.9 71.9



#2
 1,4-Dioxane
 Concen: 37.548 ng
 RT: 2.863 min Scan# 114
 Delta R.T. 0.041 min
 Lab File: BF143265.D
 Acq: 29 Jul 2025 19:39

Tgt Ion: 88 Resp: 96972
 Ion Ratio Lower Upper
 88 100
 58 85.3 70.2 105.2
 43 34.1 27.1 40.7





#3

Pyridine

Concen: 37.736 ng

RT: 3.622 min Scan# 24

Delta R.T. 0.035 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

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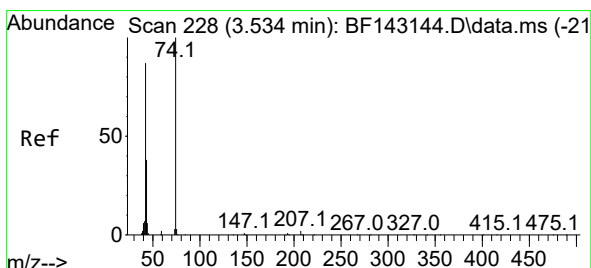
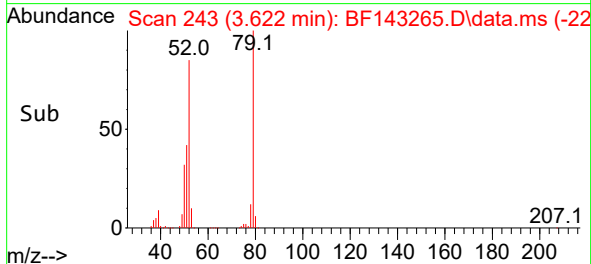
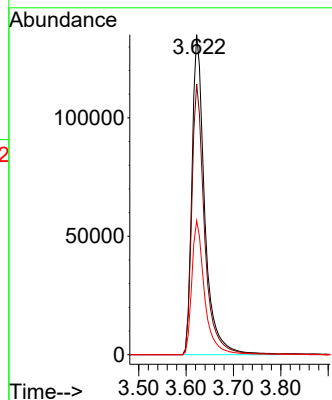
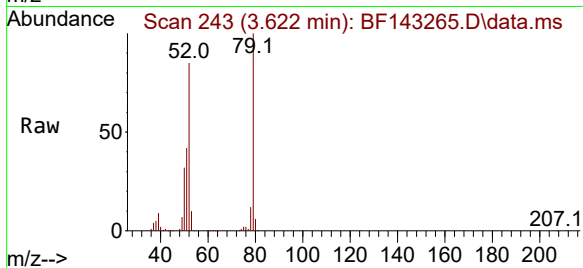
Tgt Ion: 79 Resp: 252955

Ion Ratio Lower Upper

79 100

52 84.6 69.4 104.2

51 41.9 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 40.620 ng

RT: 3.563 min Scan# 233

Delta R.T. 0.029 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

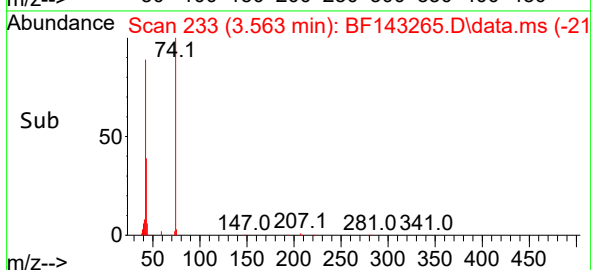
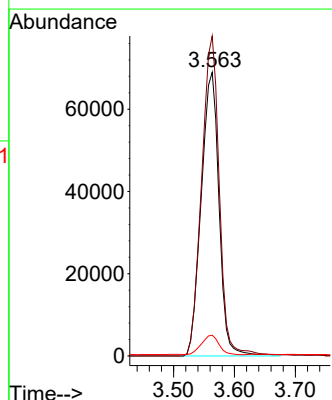
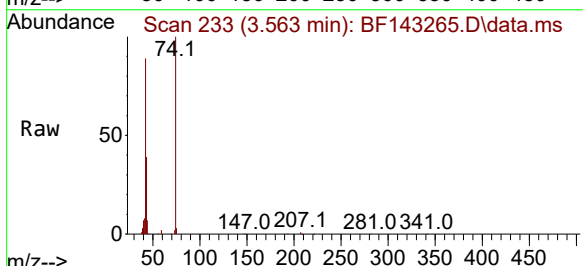
Tgt Ion: 42 Resp: 140583

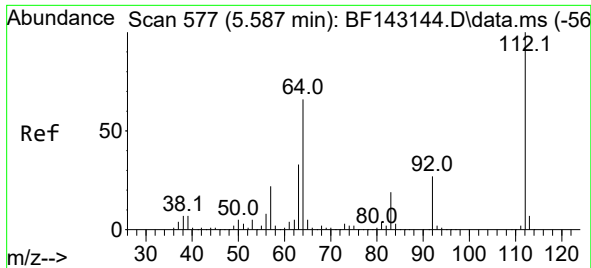
Ion Ratio Lower Upper

42 100

74 112.8 91.7 137.5

44 7.3 5.6 8.4

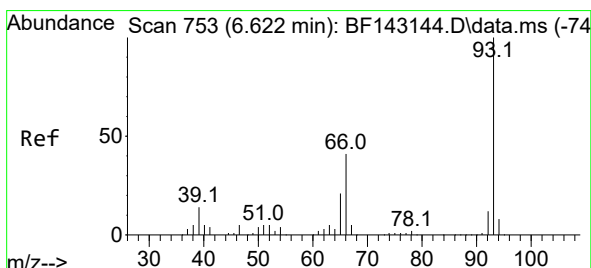
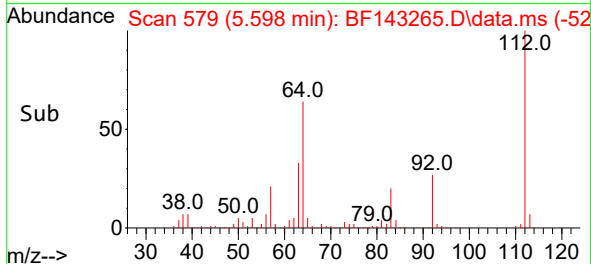
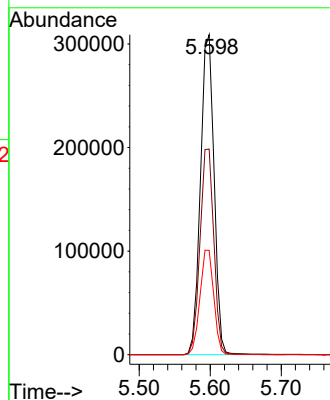
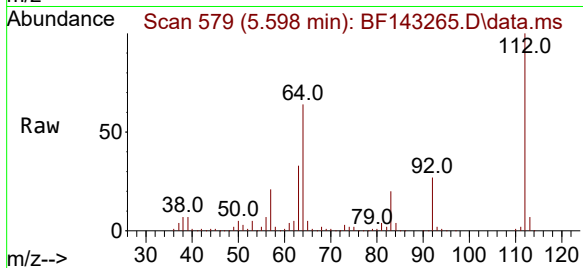




#5
2-Fluorophenol
Concen: 75.761 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

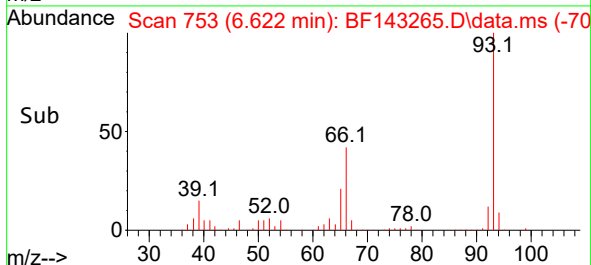
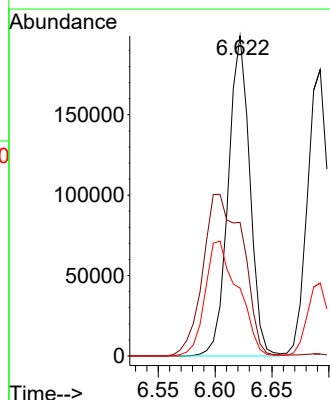
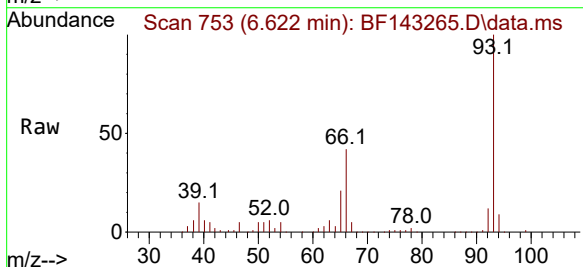
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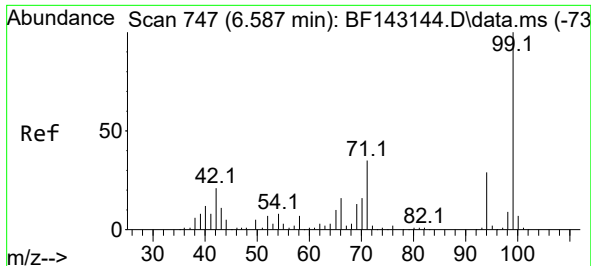
Tgt Ion:112 Resp: 413502
Ion Ratio Lower Upper
112 100
64 64.2 53.1 79.7
63 32.6 26.6 40.0



#6
Aniline
Concen: 27.419 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion: 93 Resp: 262519
Ion Ratio Lower Upper
93 100
66 41.8 33.2 49.8
65 21.2 16.9 25.3

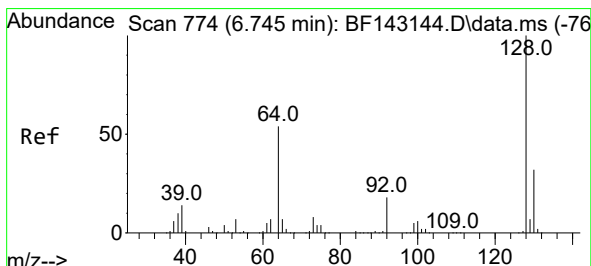
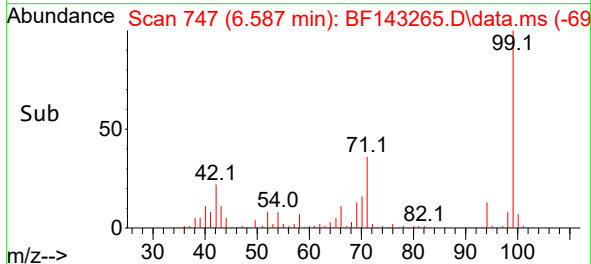
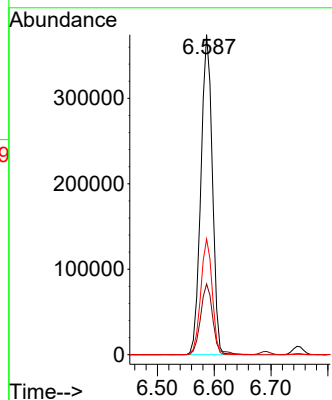
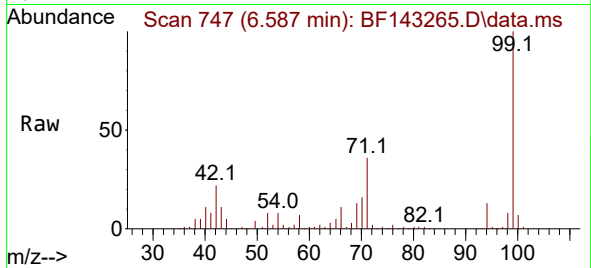




#7
Phenol-d6
Concen: 76.527 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

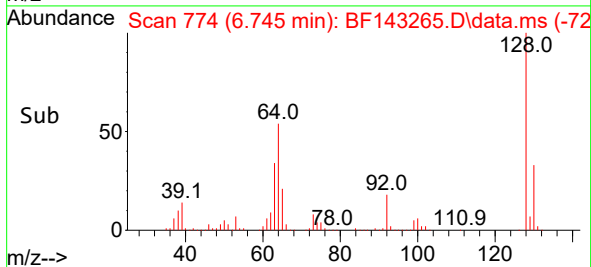
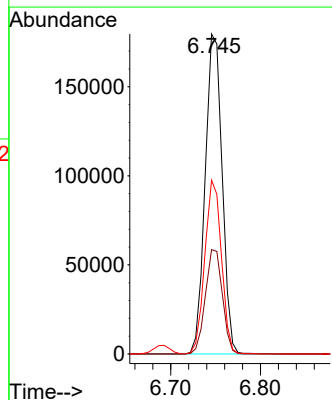
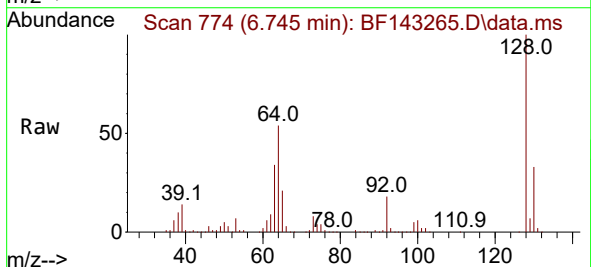
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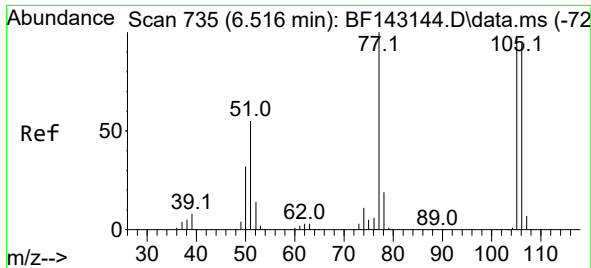
Tgt Ion: 99 Resp: 525735
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 36.2 27.7 41.5



#8
2-Chlorophenol
Concen: 41.239 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:128 Resp: 235930
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 54.3 35.9 75.9

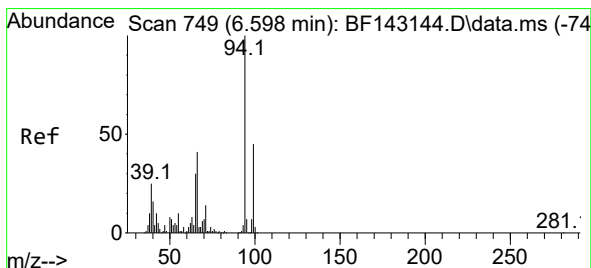
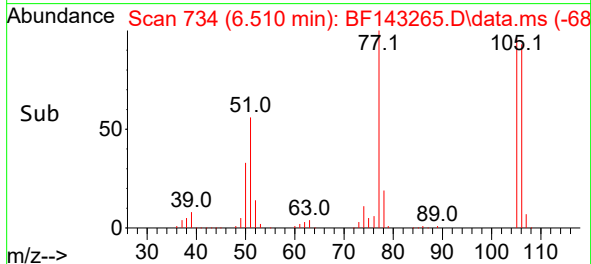
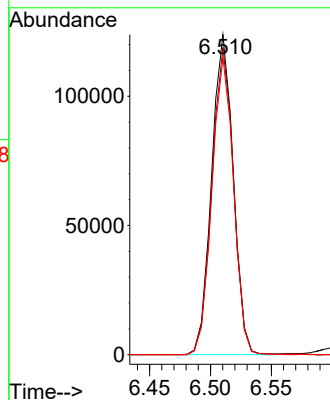
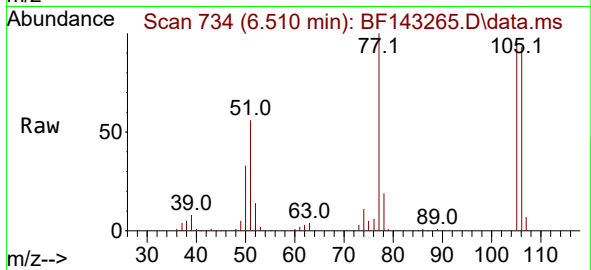




#9
Benzaldehyde
Concen: 29.599 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
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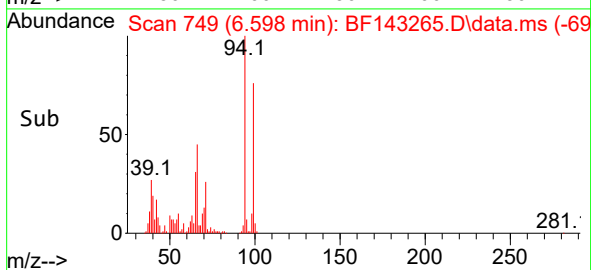
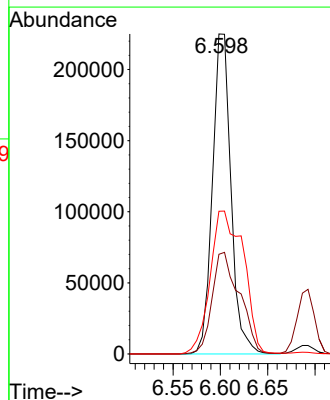
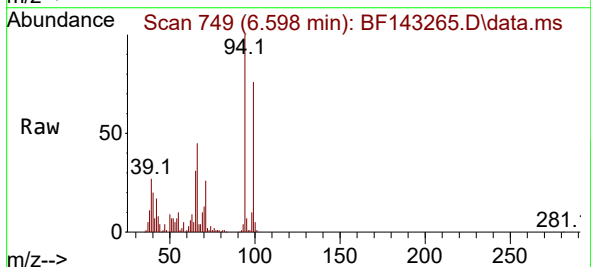
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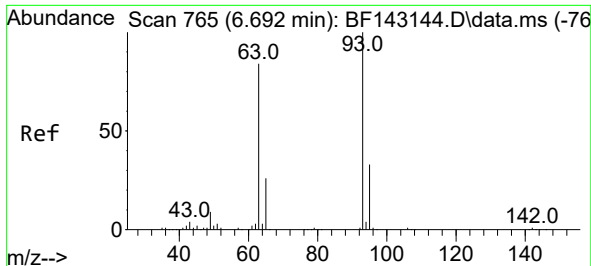
Tgt Ion: 77 Resp: 152477
Ion Ratio Lower Upper
77 100
105 95.9 76.8 116.8
106 92.8 74.4 114.4



#10
Phenol
Concen: 40.889 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion: 94 Resp: 306017
Ion Ratio Lower Upper
94 100
65 31.2 10.0 50.0
66 44.6 20.8 60.8

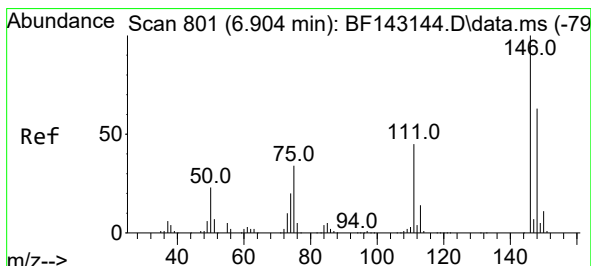
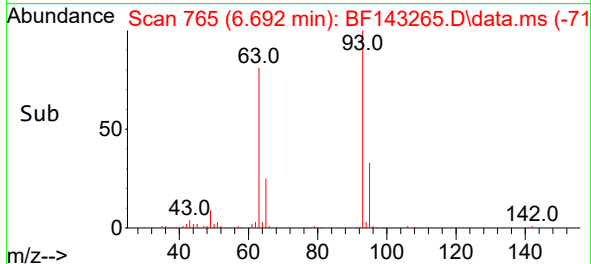
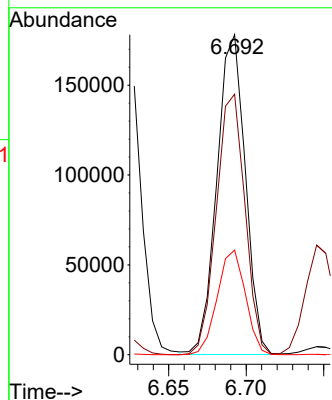
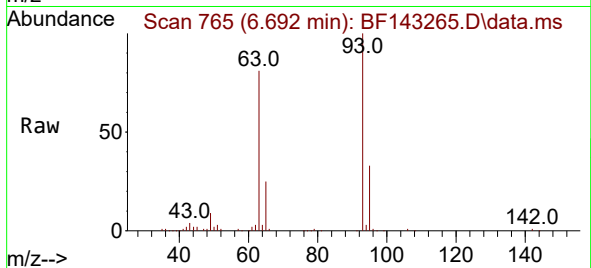




#11
bis(2-Chloroethyl)ether
Concen: 39.673 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

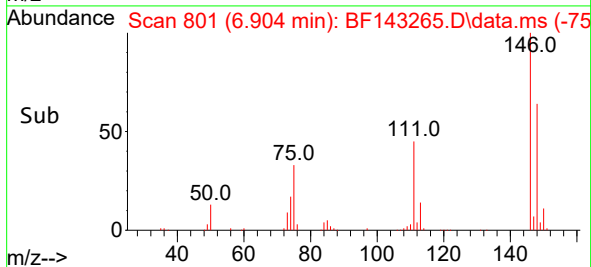
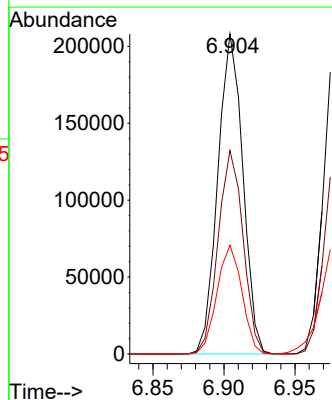
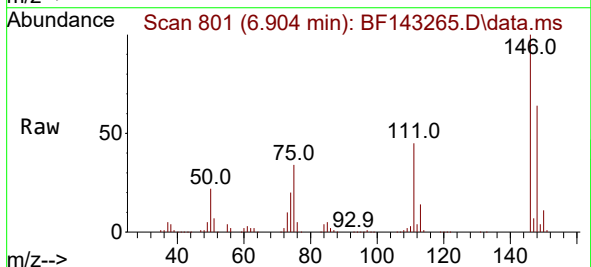
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

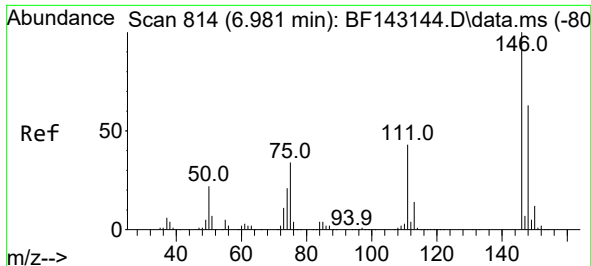
Tgt Ion: 93 Resp: 227339
Ion Ratio Lower Upper
93 100
63 81.4 63.4 103.4
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.956 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:146 Resp: 254539
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
75 34.0 27.4 41.2

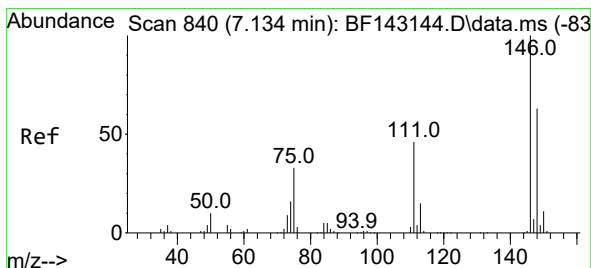
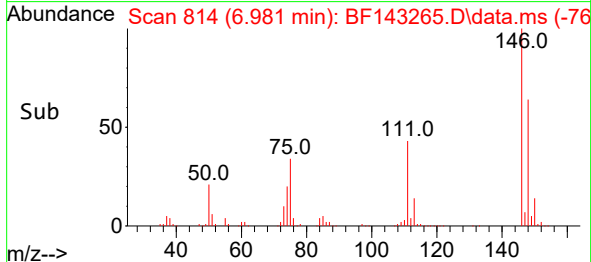
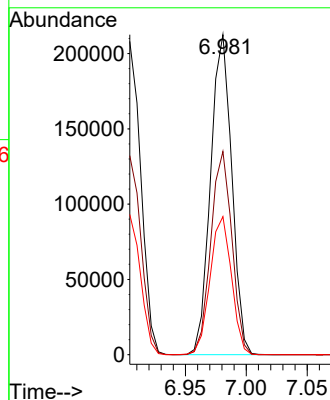
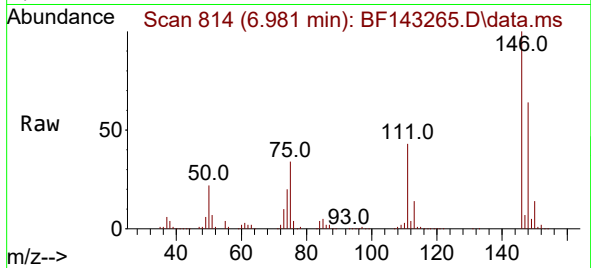




#13
1,4-Dichlorobenzene
Concen: 41.180 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

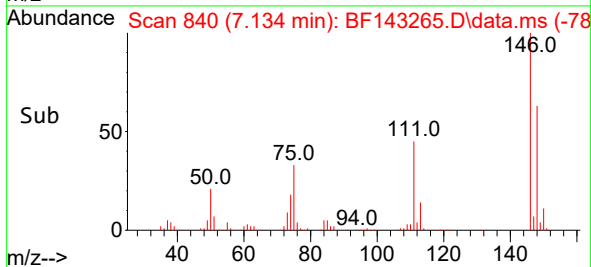
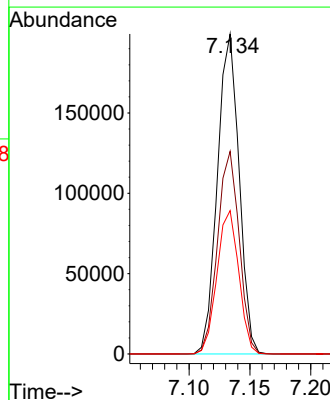
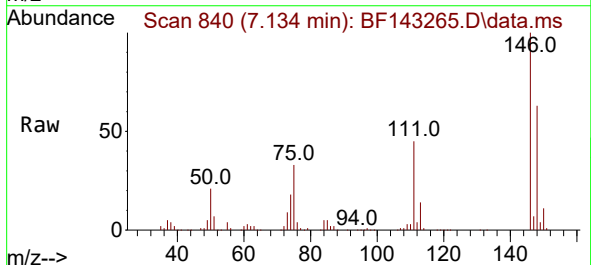
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

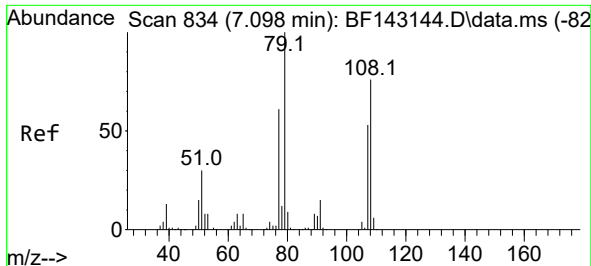
Tgt Ion:146 Resp: 257740
Ion Ratio Lower Upper
146 100
148 63.5 50.3 75.5
111 43.2 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 41.482 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:146 Resp: 246938
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
111 44.8 36.6 54.8

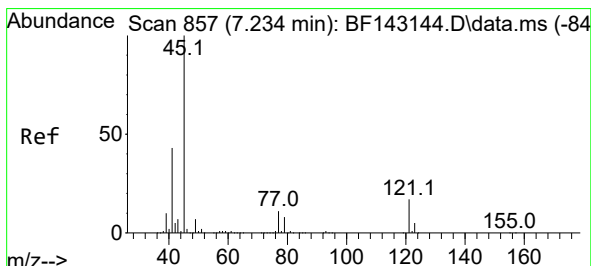
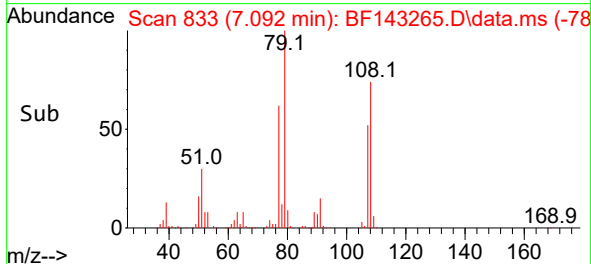
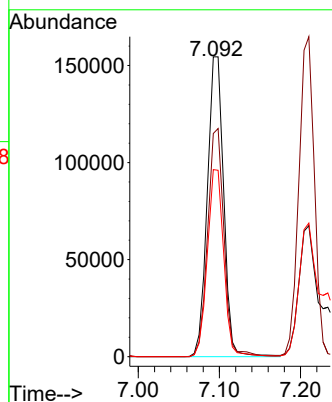
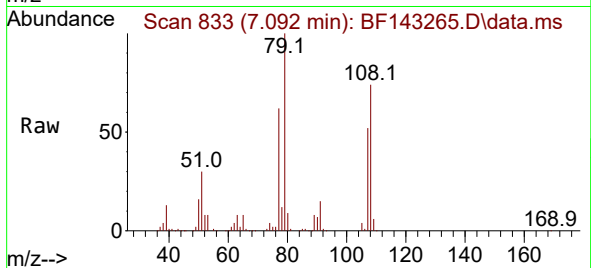




#15
Benzyl Alcohol
Concen: 41.183 ng
RT: 7.092 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

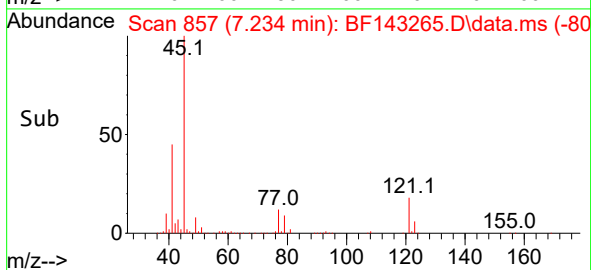
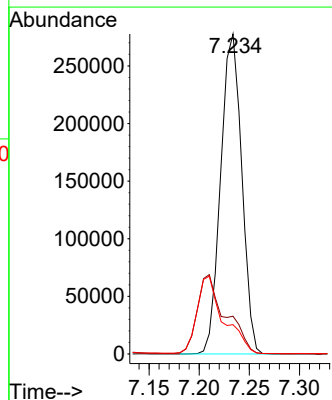
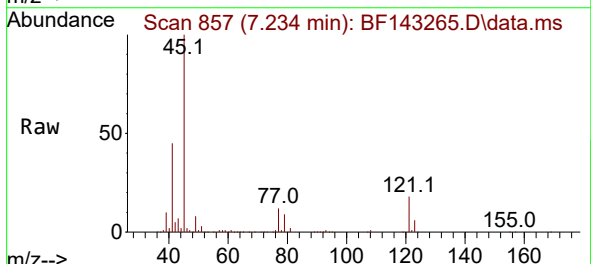
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

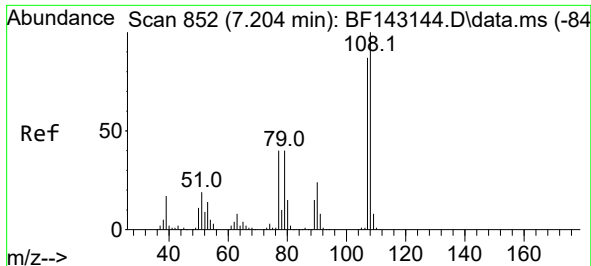
Tgt Ion: 79 Resp: 216027
Ion Ratio Lower Upper
79 100
108 74.4 61.1 91.7
77 62.4 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.028 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

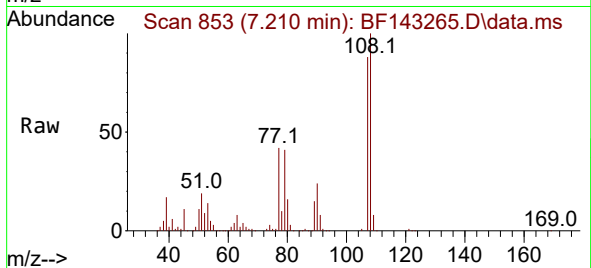
Tgt Ion: 45 Resp: 404236
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.2
79 9.2 0.0 28.5



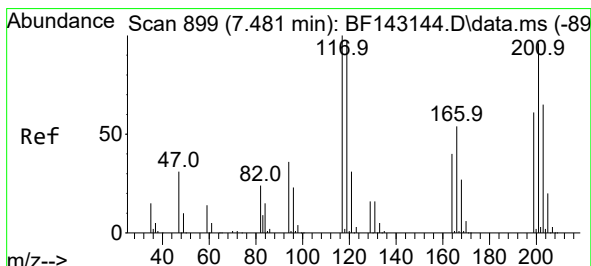
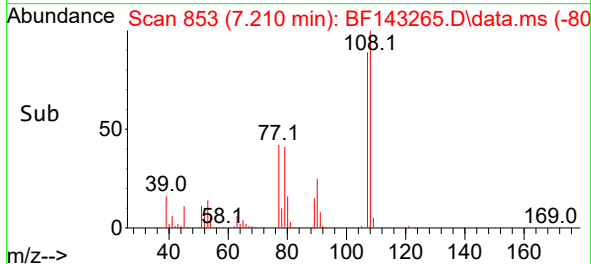
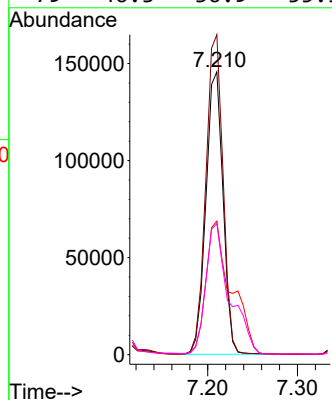


#17
2-Methylphenol
Concen: 39.999 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

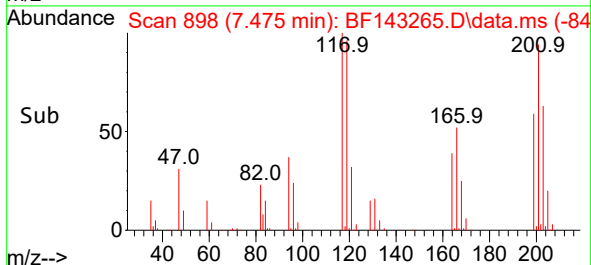
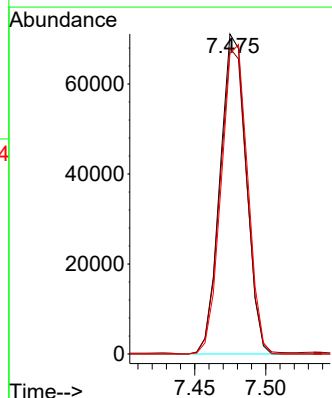
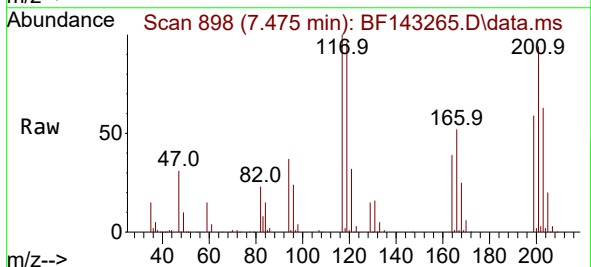


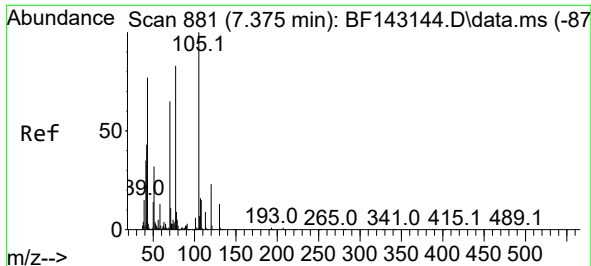
Tgt Ion:	107	Resp:	192414
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.8	137.6
77	47.2	37.0	55.6
79	46.3	36.9	55.3



#18
Hexachloroethane
Concen: 42.069 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:	117	Resp:	91152
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.8	116.8
201	93.9	77.0	115.4

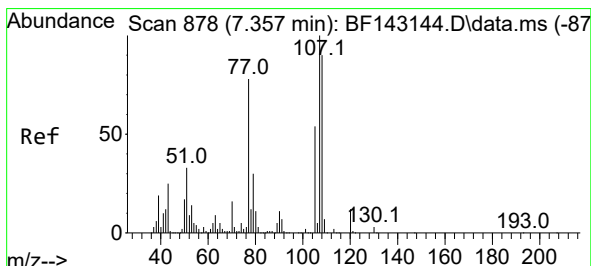
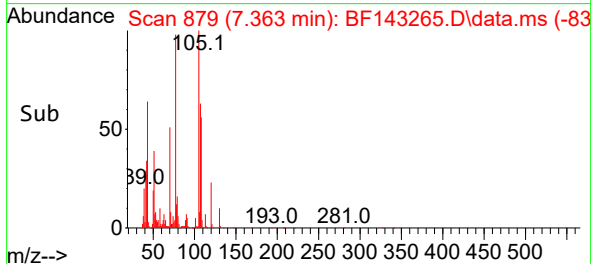
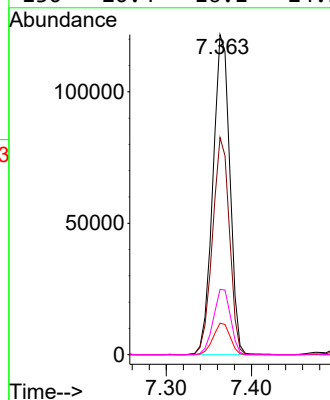
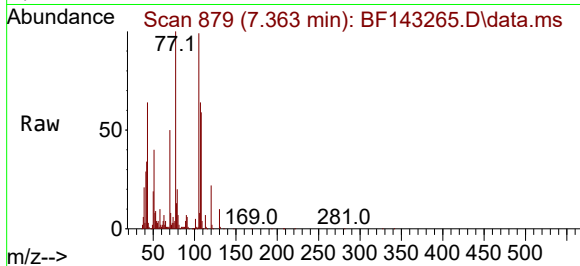




#19
n-Nitroso-di-n-propylamine
Concen: 38.182 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

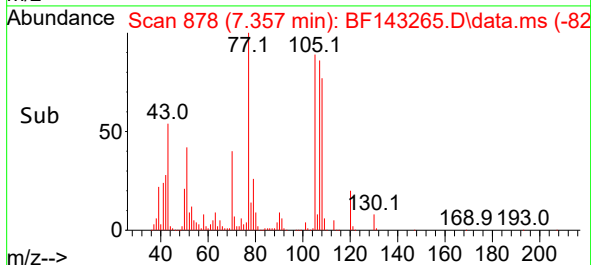
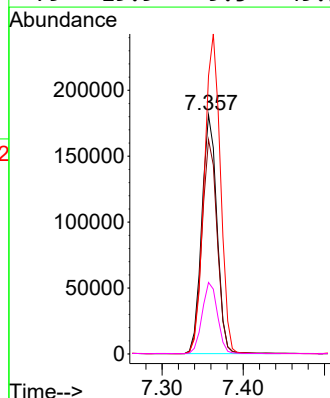
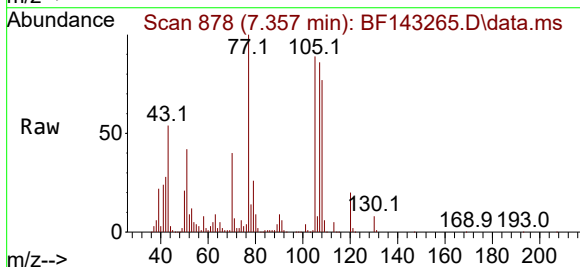
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

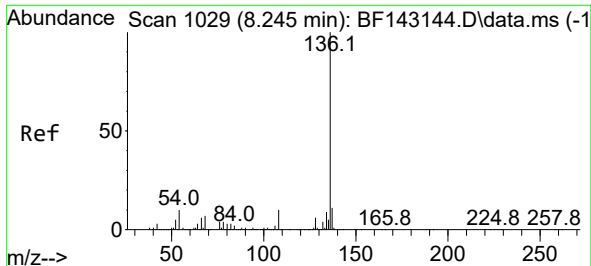
Tgt Ion:	70	Resp:	168289
Ion	Ratio	Lower	Upper
70	100		
42	67.8	52.5	78.7
101	9.9	7.6	11.4
130	20.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 40.358 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:	107	Resp:	235545
Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.0	110.0
77	116.4	57.8	97.8#
79	29.9	9.5	49.5

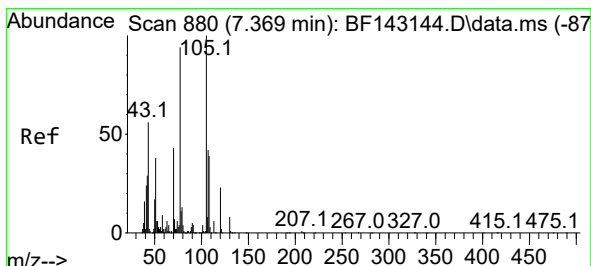
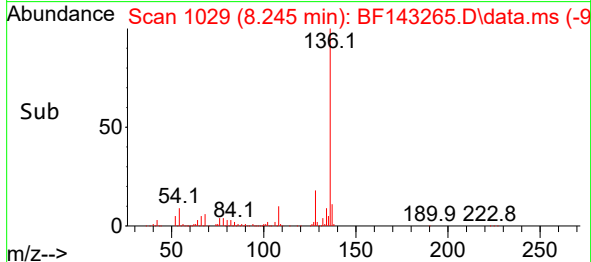
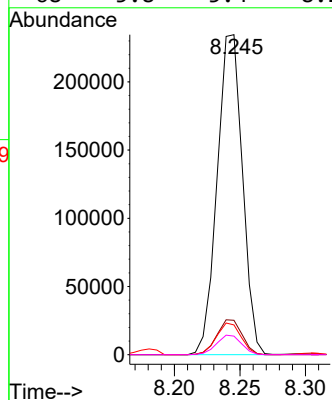
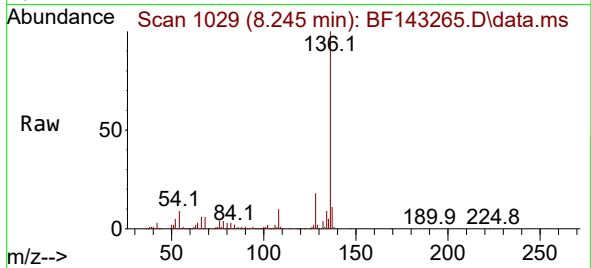




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

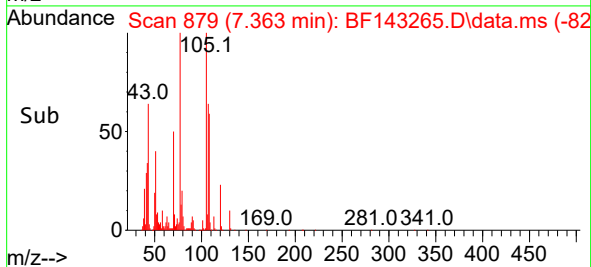
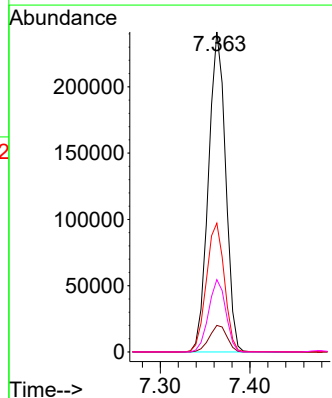
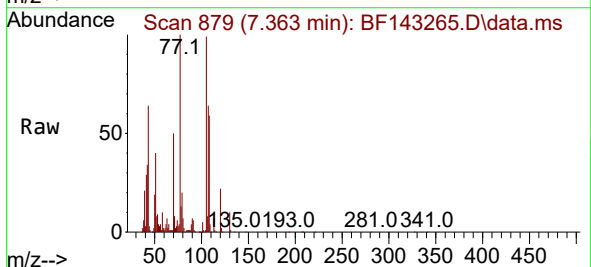
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

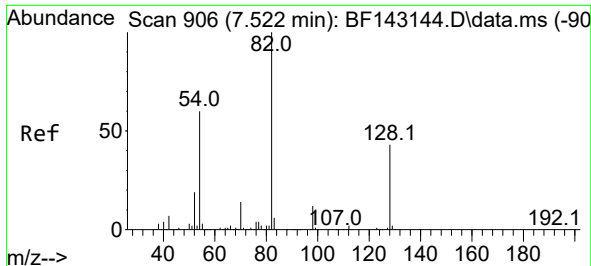
Tgt Ion:136	Resp: 314979
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 9.3	8.2 12.2
68 5.8	5.4 8.2



#22
Acetophenone
Concen: 43.017 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt	Ion:105	Resp:	320783
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.8	8.6
51	40.2	30.2	45.2
120	22.6	18.2	27.4





#23

Nitrobenzene-d5

Concen: 54.834 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

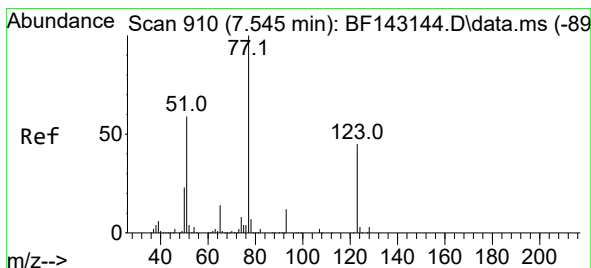
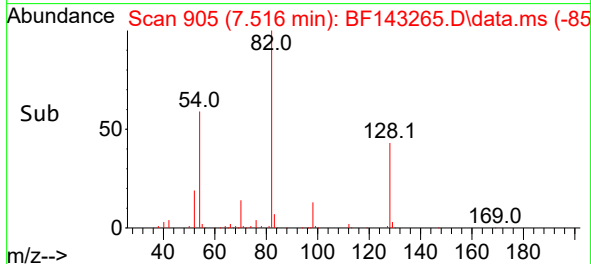
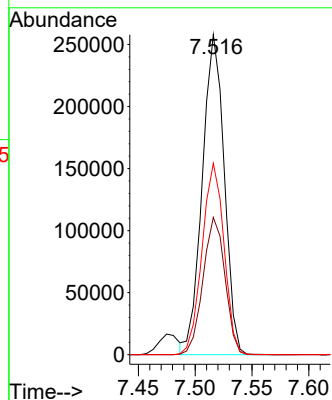
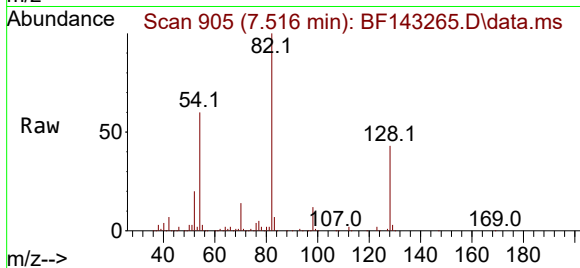
Tgt Ion: 82 Resp: 346491

Ion Ratio Lower Upper

82 100

128 42.9 33.6 50.4

54 59.8 47.1 70.7



#24

Nitrobenzene

Concen: 43.834 ng

RT: 7.534 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

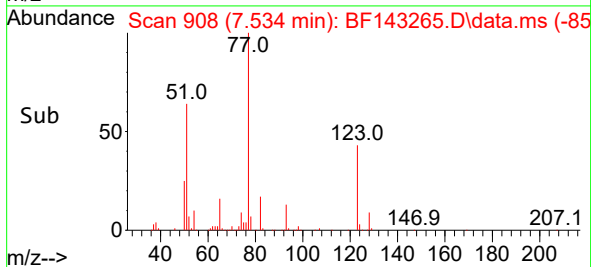
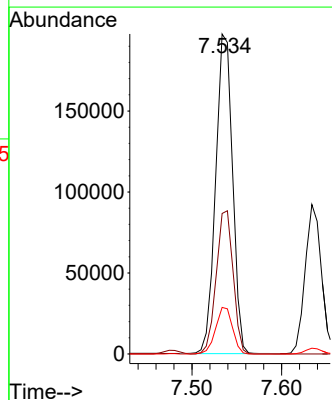
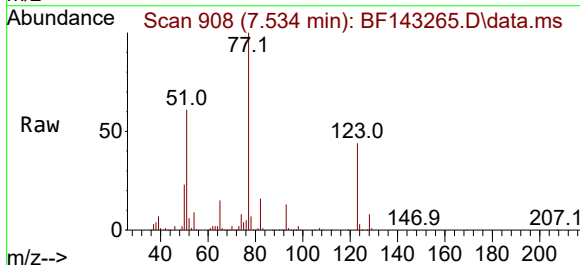
Tgt Ion: 77 Resp: 258234

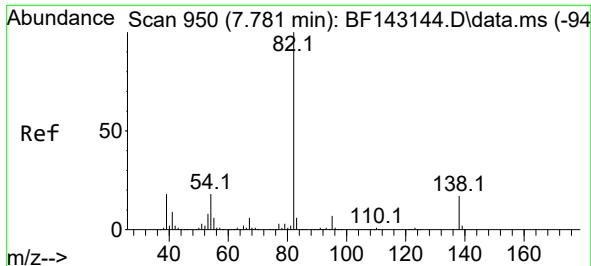
Ion Ratio Lower Upper

77 100

123 43.9 36.1 54.1

65 14.6 11.4 17.2

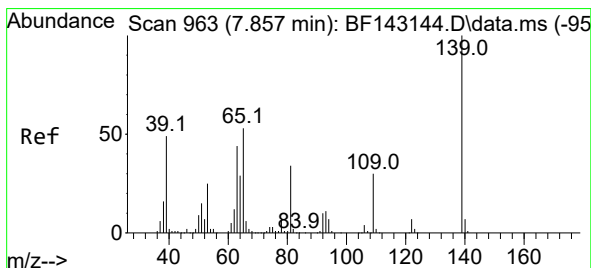
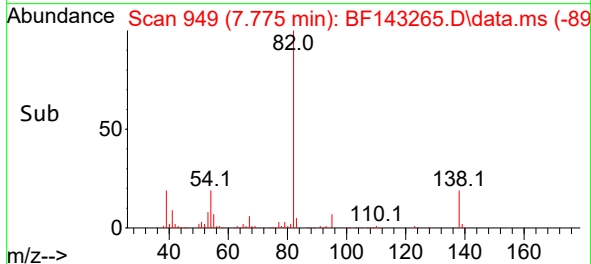
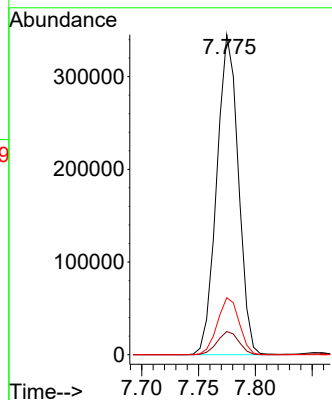
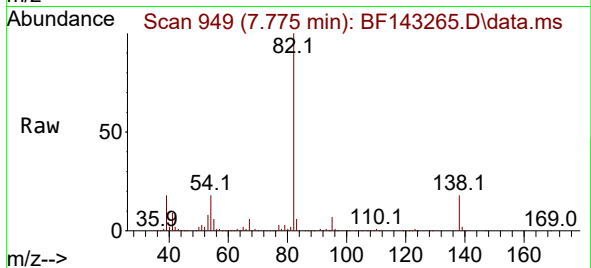




#25
Isophorone
Concen: 40.973 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

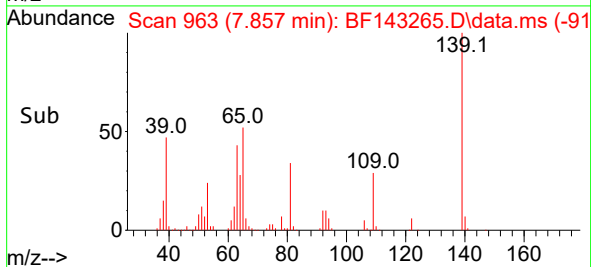
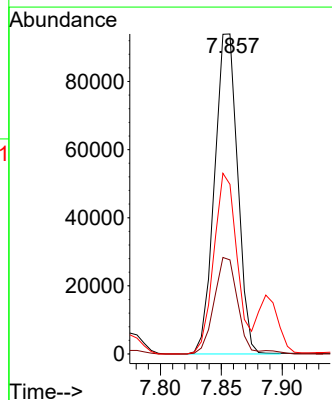
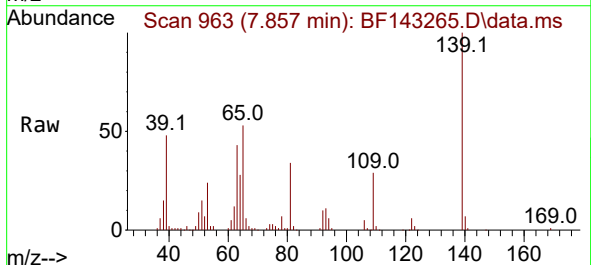
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

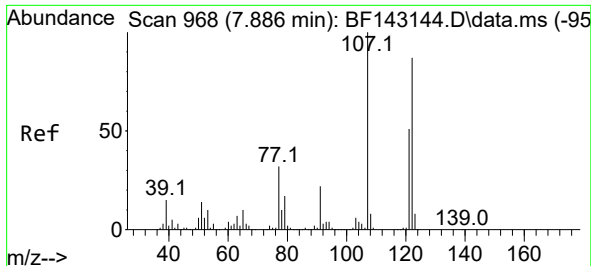
Tgt Ion: 82 Resp: 457056
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.8 13.8 20.8



#26
2-Nitrophenol
Concen: 48.624 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:139 Resp: 124321
Ion Ratio Lower Upper
139 100
109 29.4 23.6 35.4
65 53.0 42.6 64.0

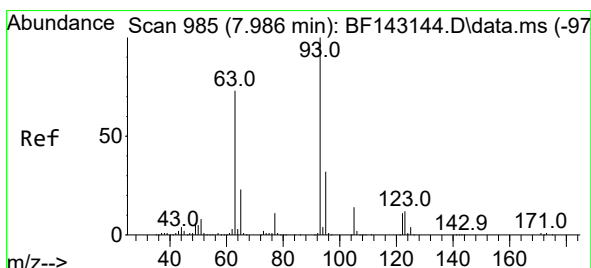
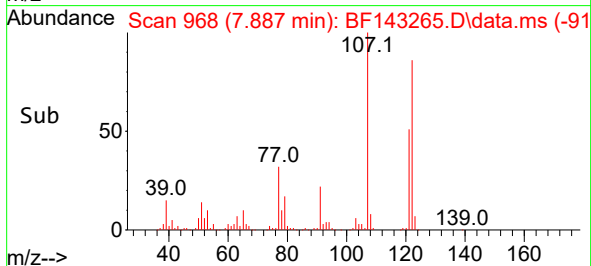
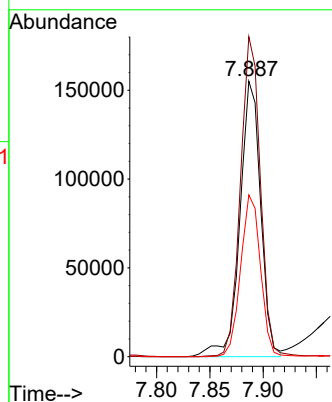
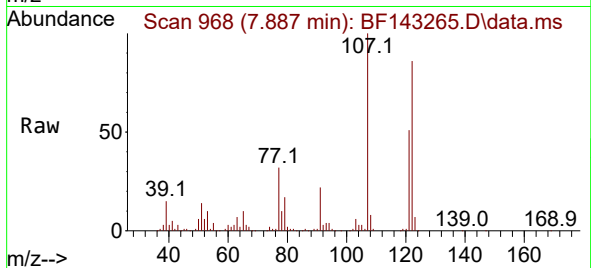




#27
2,4-Dimethylphenol
Concen: 40.323 ng
RT: 7.887 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

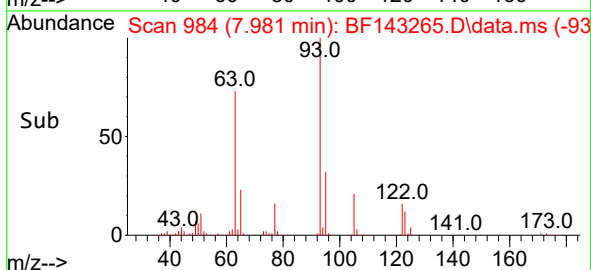
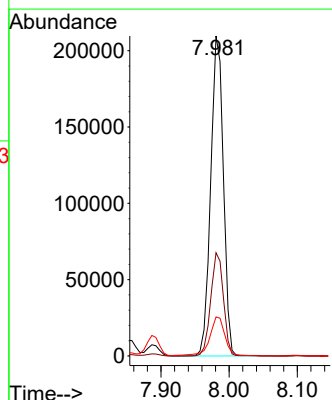
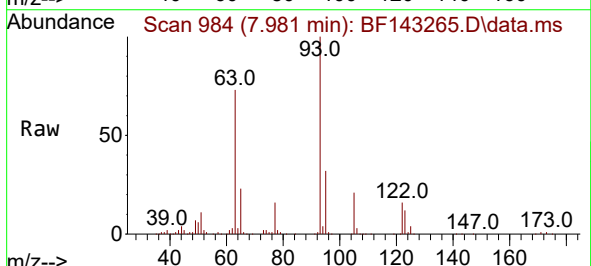
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

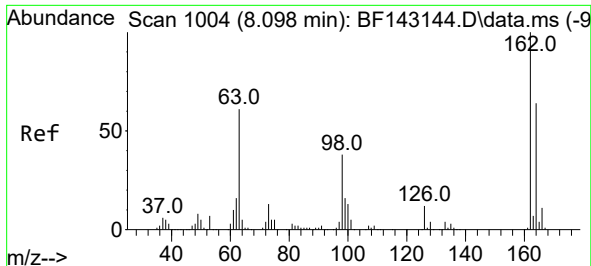
Tgt Ion:122 Resp: 210150
Ion Ratio Lower Upper
122 100
107 116.1 91.8 137.6
121 58.7 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.606 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion: 93 Resp: 271581
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 42.076 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

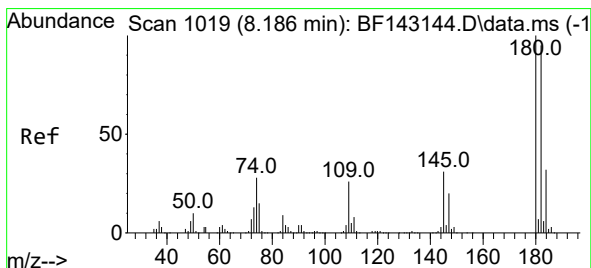
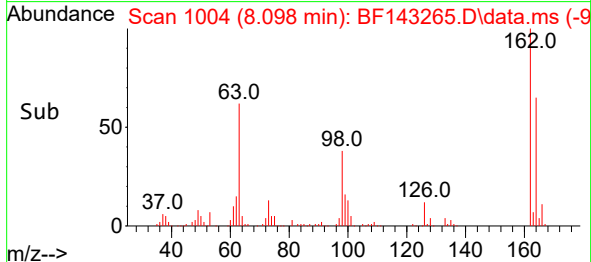
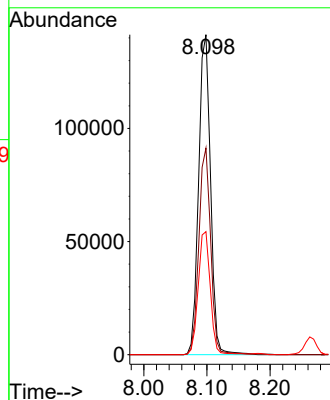
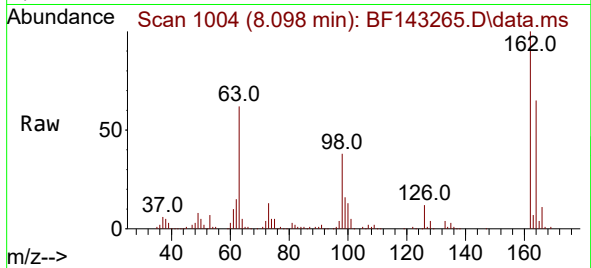
Tgt Ion:162 Resp: 184931

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 38.4 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.888 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

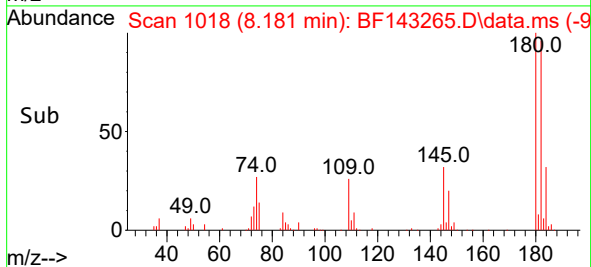
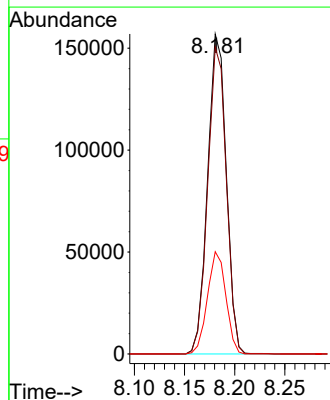
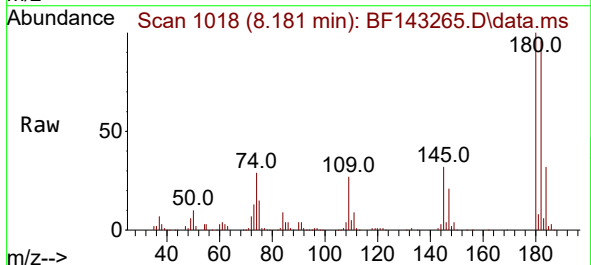
Tgt Ion:180 Resp: 203646

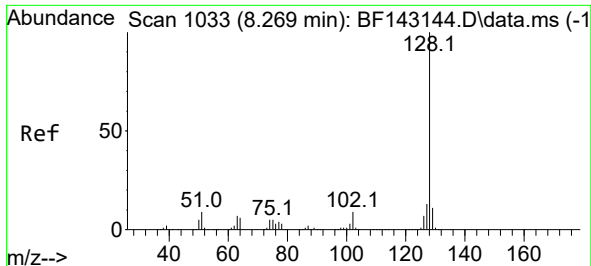
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 31.9 25.0 37.6

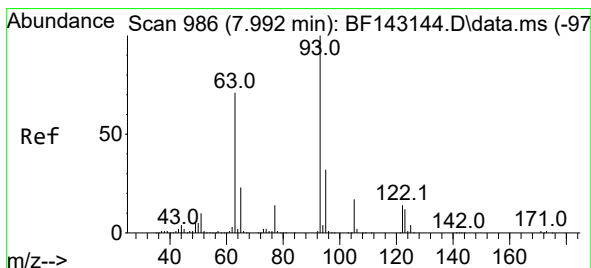
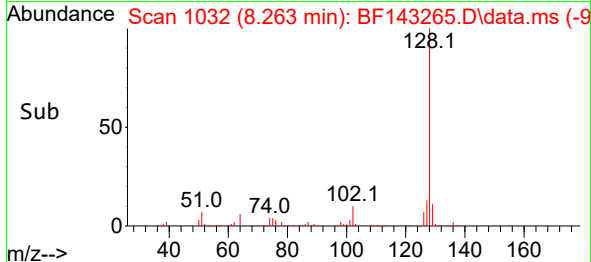
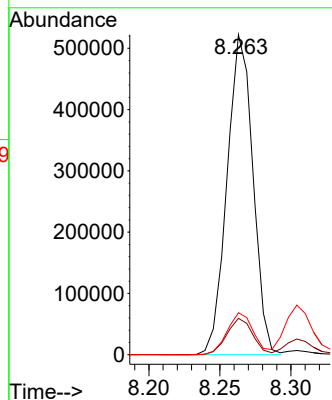
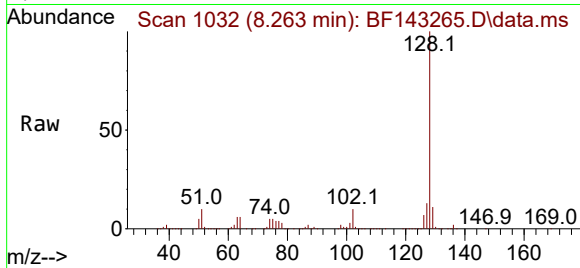




#31
Naphthalene
Concen: 42.753 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

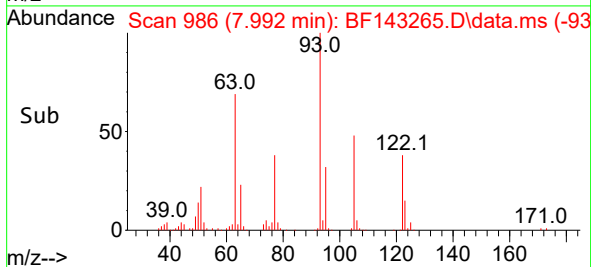
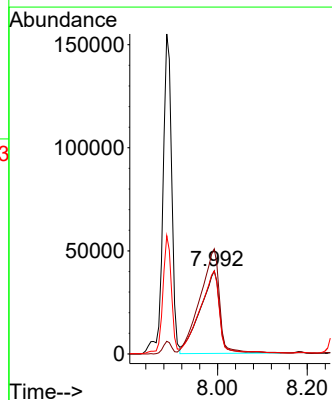
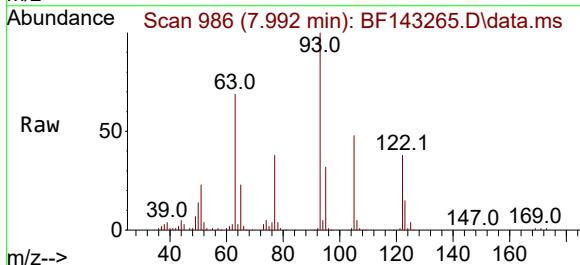
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

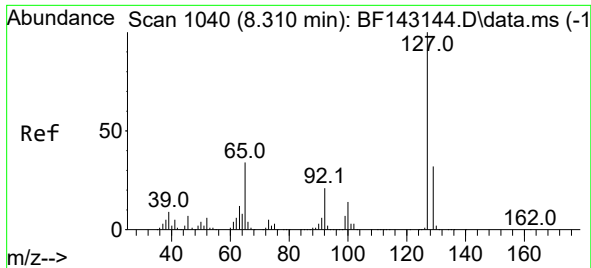
Tgt Ion:128 Resp: 663199
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 42.101 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:122 Resp: 121505
Ion Ratio Lower Upper
122 100
105 126.4 104.8 144.8
77 99.9 77.6 117.6

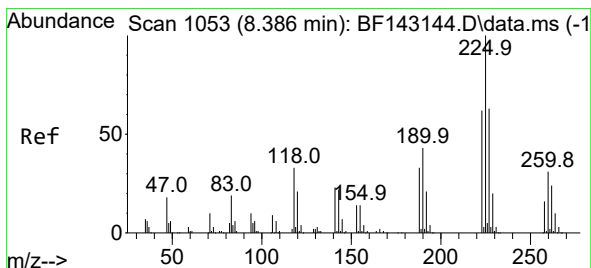
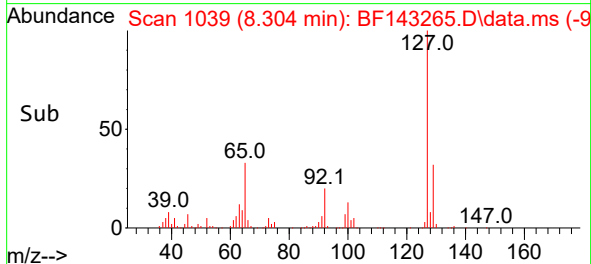
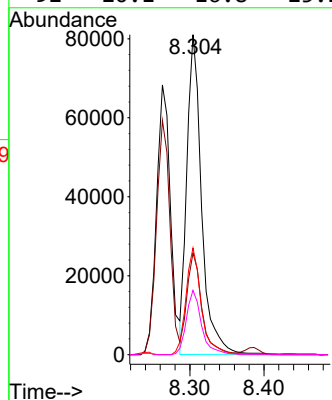
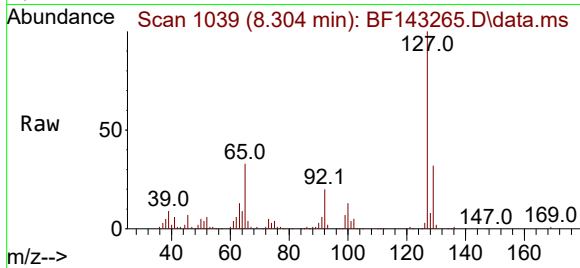




#33
4-Chloroaniline
Concen: 17.697 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

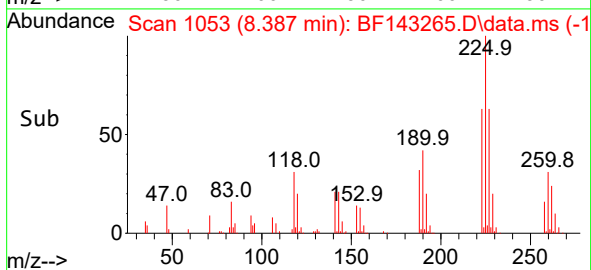
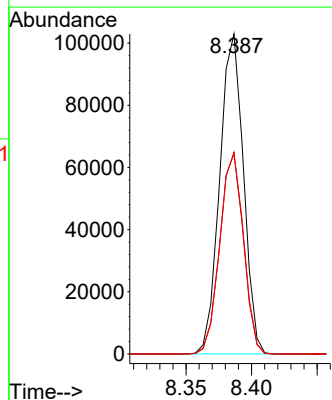
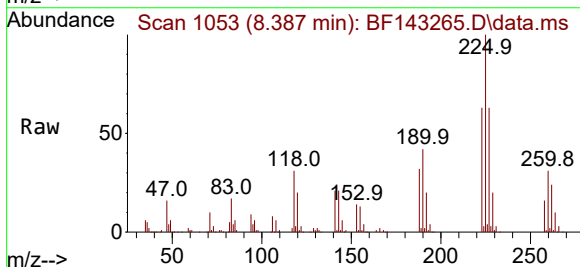
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

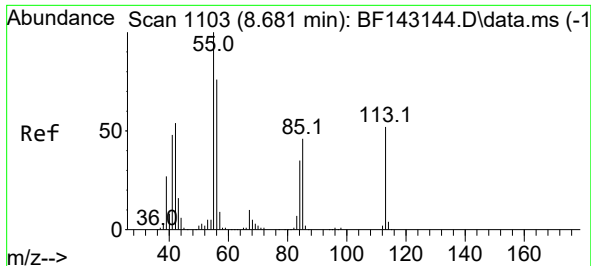
Tgt Ion:	127	Resp:	112093
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	33.3	27.4	41.2
92	20.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.473 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:	225	Resp:	128999
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	63.0	50.2	75.4

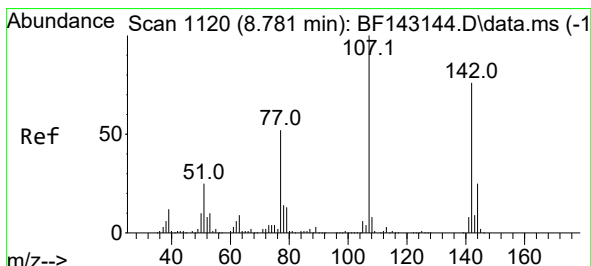
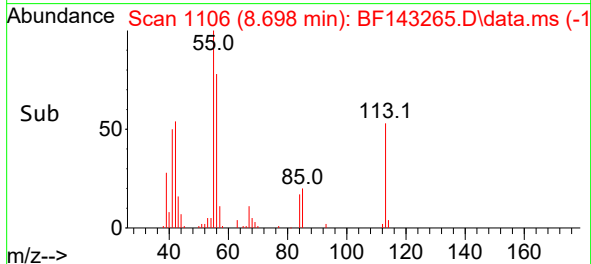
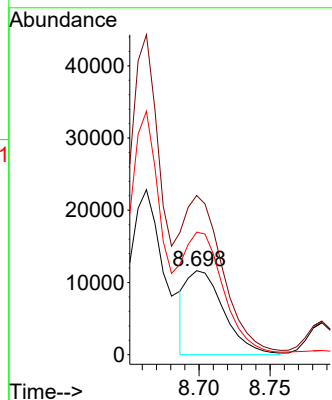
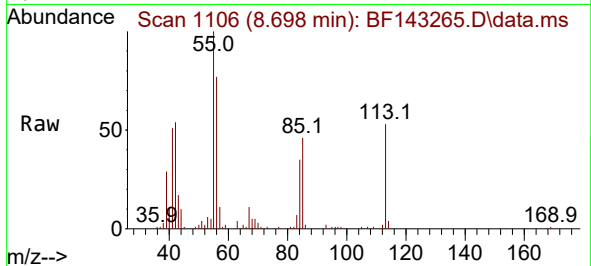




#35
 Caprolactam
 Concen: 15.984 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. 0.018 min
 Lab File: BF143265.D
 Acq: 29 Jul 2025 19:39

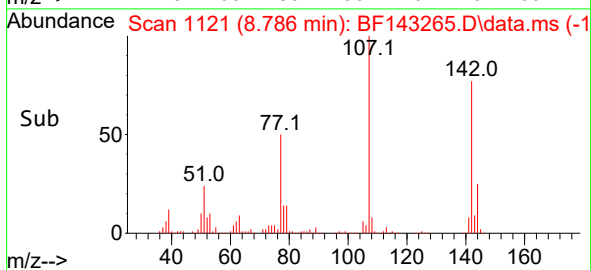
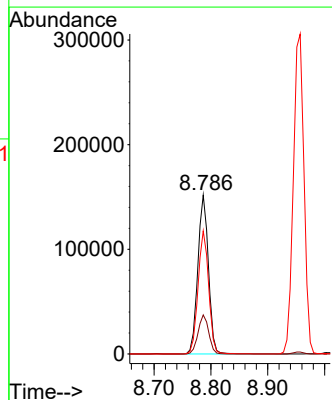
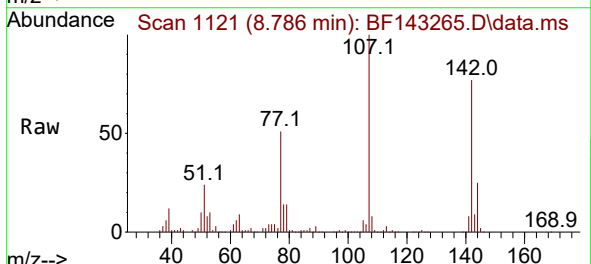
Instrument :
 BNA_F
 ClientSampleId :
 7211935-295MSD

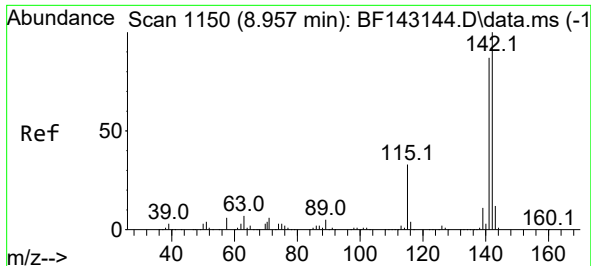
Tgt Ion:113 Resp: 21229
 Ion Ratio Lower Upper
 113 100
 55 189.3 174.0 214.0
 56 145.9 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.559 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143265.D
 Acq: 29 Jul 2025 19:39

Tgt Ion:107 Resp: 198536
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.6
 142 77.4 60.6 90.8

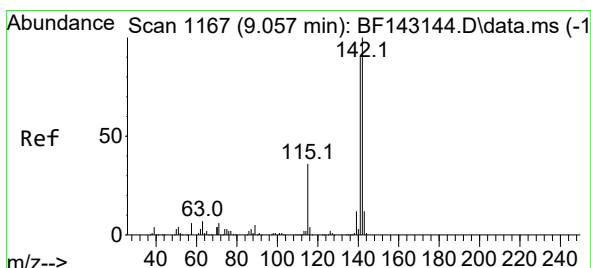
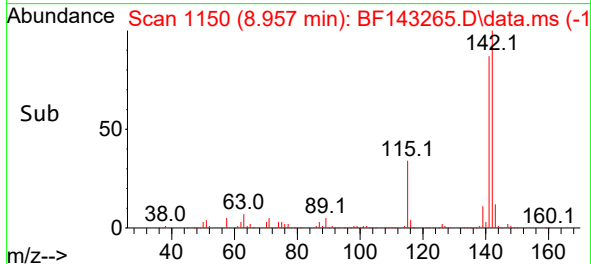
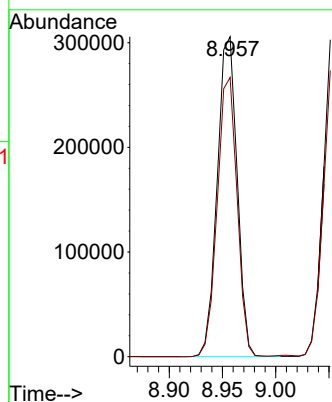
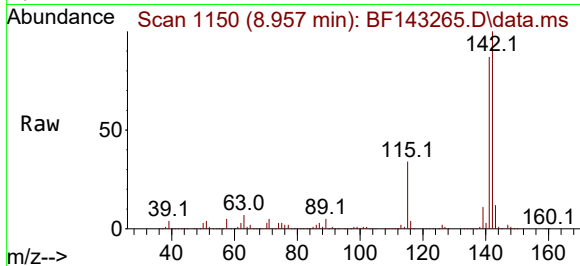




#37
2-Methylnaphthalene
Concen: 41.902 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

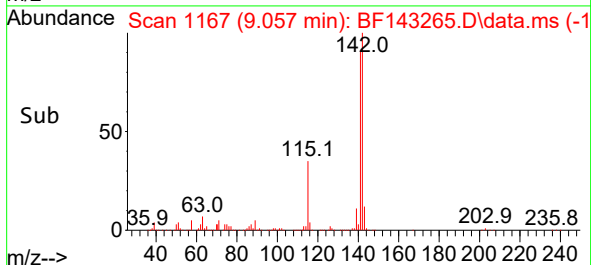
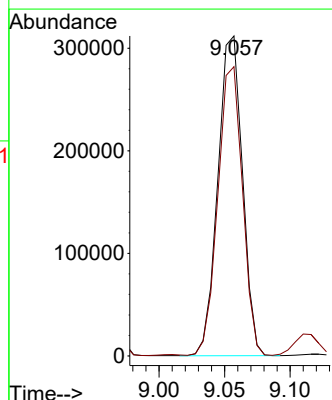
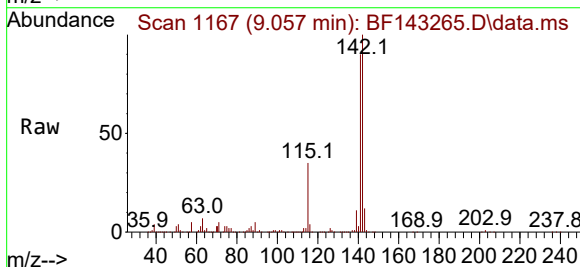
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

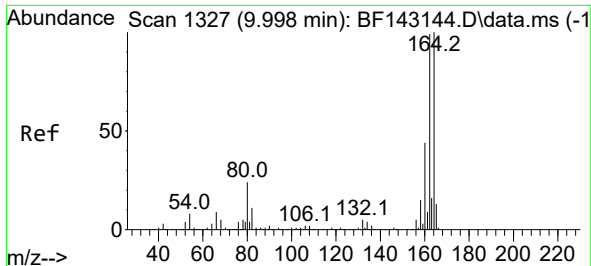
Tgt Ion:142 Resp: 395536
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9



#38
1-Methylnaphthalene
Concen: 41.815 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:142 Resp: 406453
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5

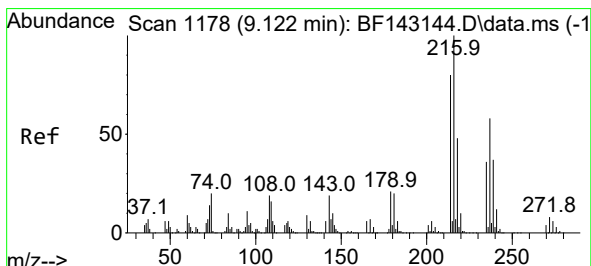
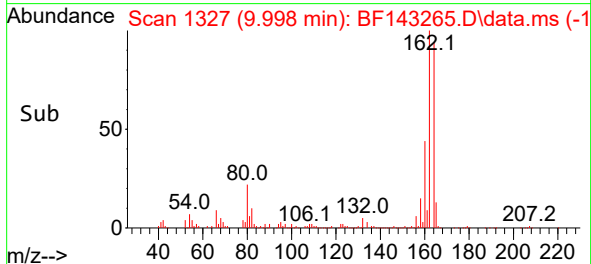
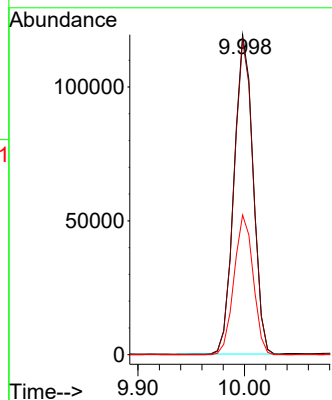
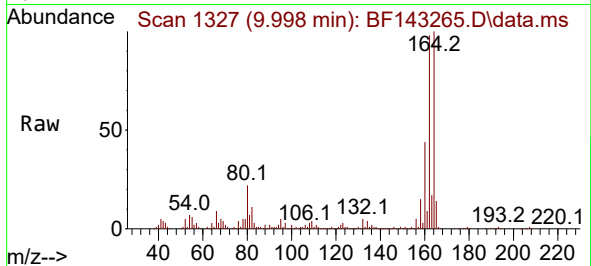




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

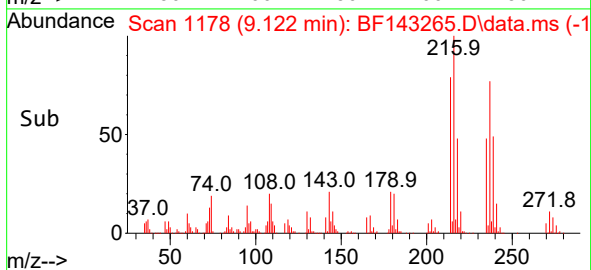
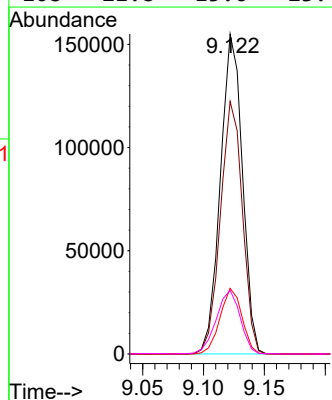
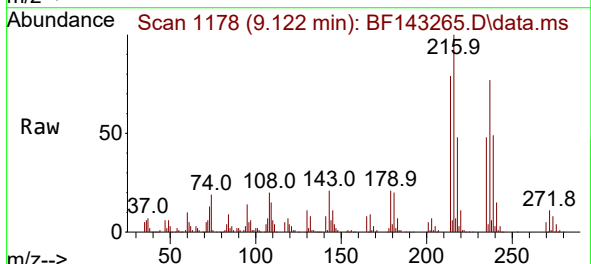
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

Tgt Ion:164 Resp: 148704
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 43.7 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.480 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:216 Resp: 195256
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.8
179 20.4 16.4 24.6
108 21.8 15.6 23.4

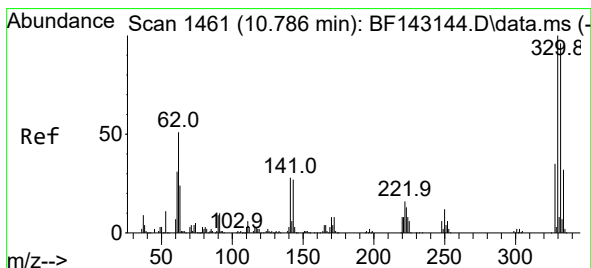
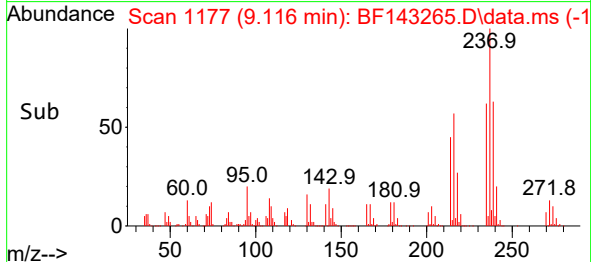
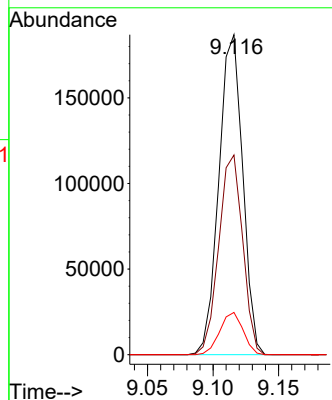
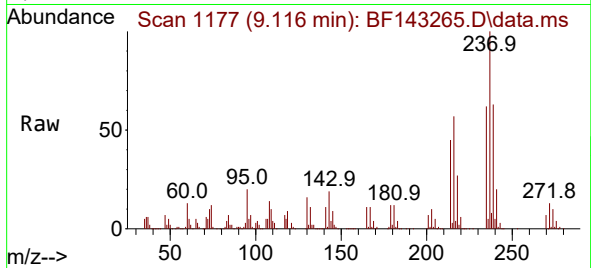




#41
Hexachlorocyclopentadiene
Concen: 84.489 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

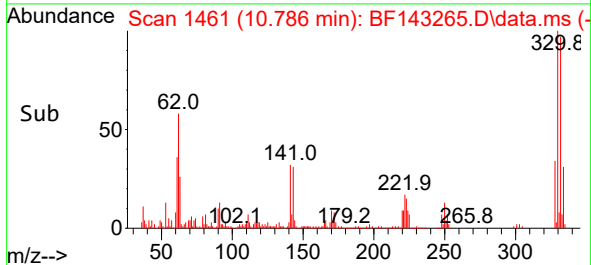
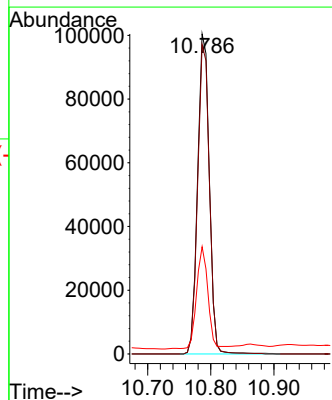
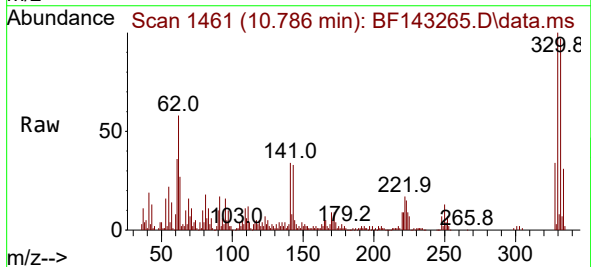
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

Tgt Ion:237 Resp: 236020
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 83.856 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:330 Resp: 128820
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 31.6 23.3 34.9

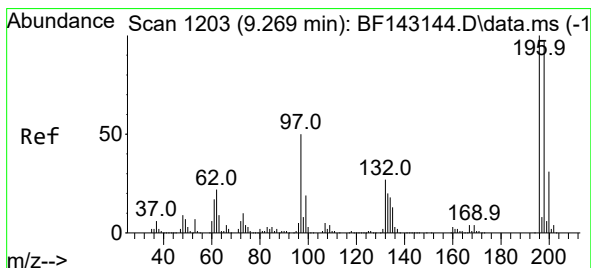
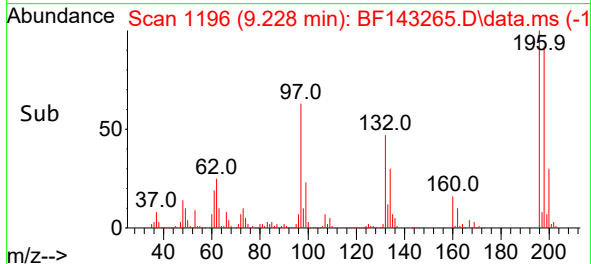
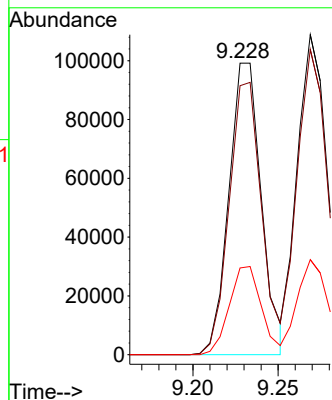
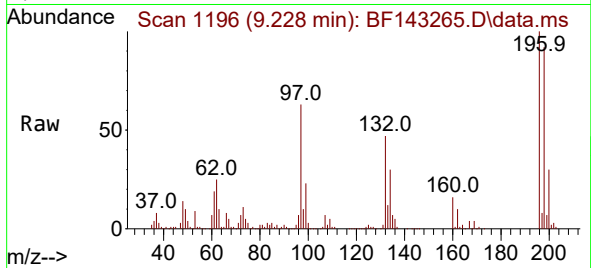




#43
2,4,6-Trichlorophenol
Concen: 44.198 ng
RT: 9.228 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

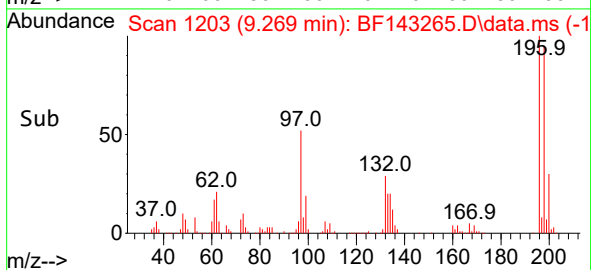
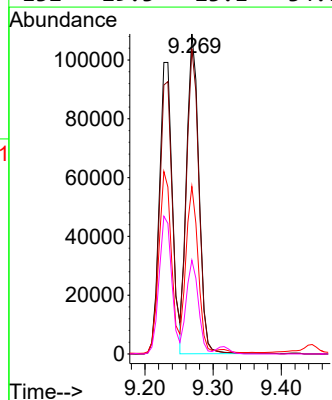
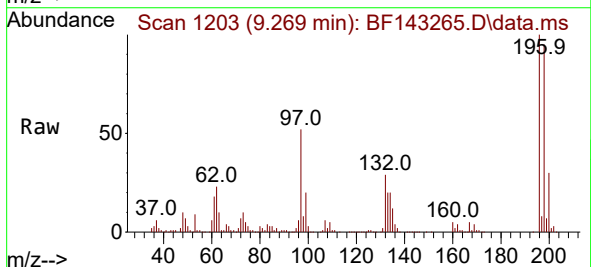
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

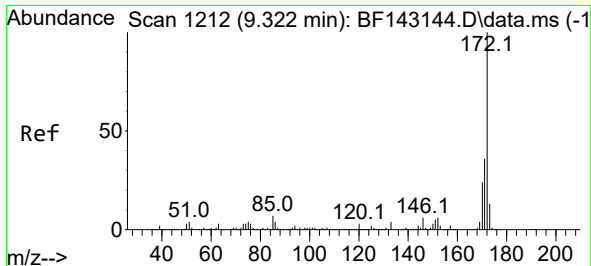
Tgt Ion:196 Resp: 131325
Ion Ratio Lower Upper
196 100
198 92.2 76.2 114.2
200 29.7 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 45.803 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:196 Resp: 136136
Ion Ratio Lower Upper
196 100
198 95.4 77.3 115.9
97 52.4 40.3 60.5
132 29.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 59.637 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

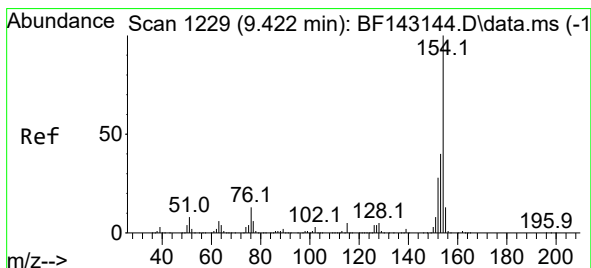
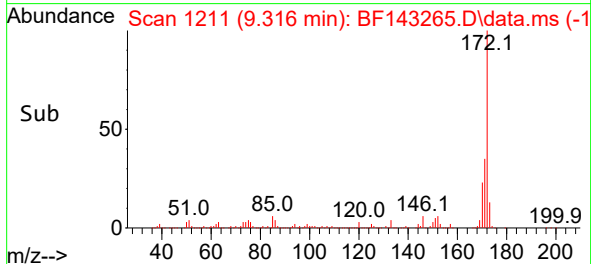
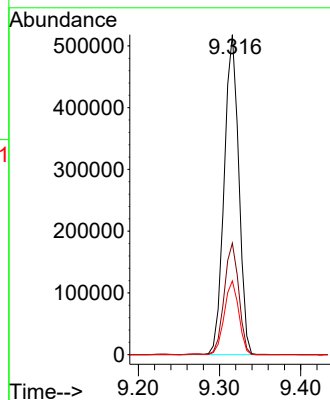
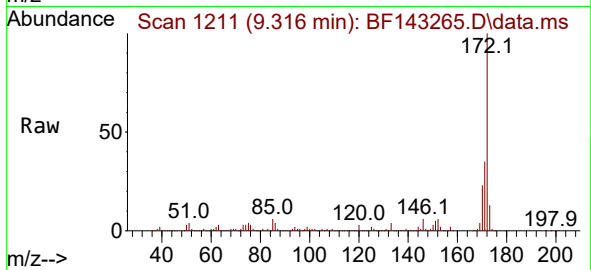
Tgt Ion:172 Resp: 648440

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.0 18.8 28.2



#46

1,1'-Biphenyl

Concen: 45.744 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

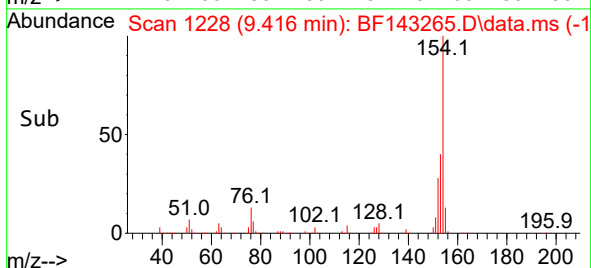
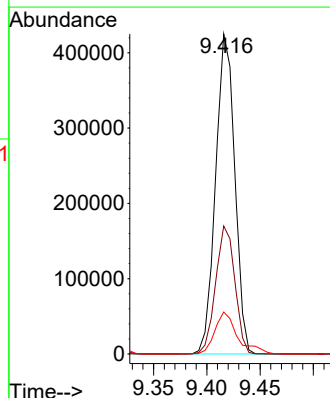
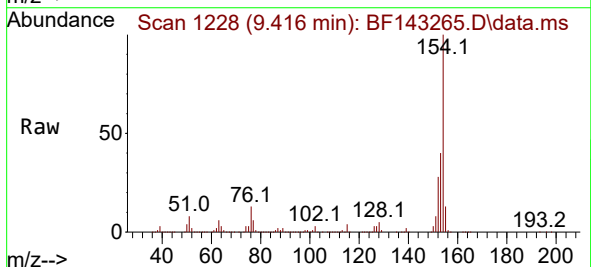
Tgt Ion:154 Resp: 530712

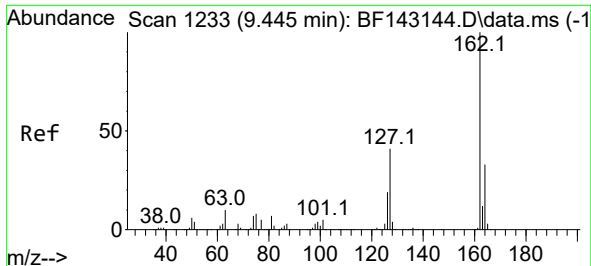
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 13.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.521 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

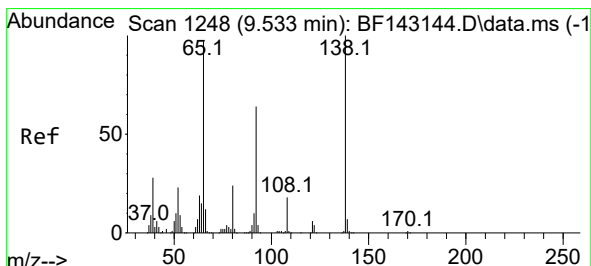
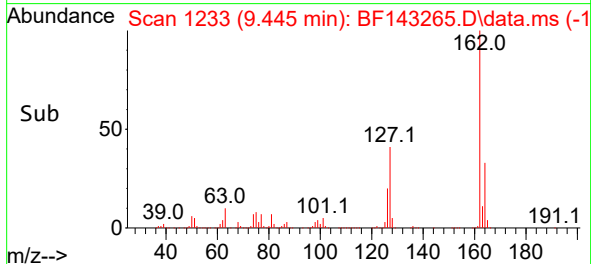
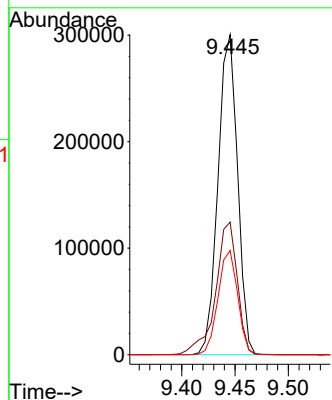
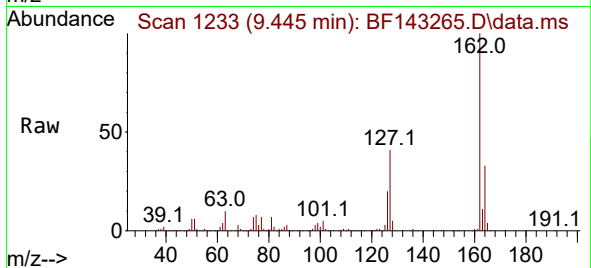
Tgt Ion:162 Resp: 382187

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

164 32.5 26.2 39.2



#48

2-Nitroaniline

Concen: 48.254 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

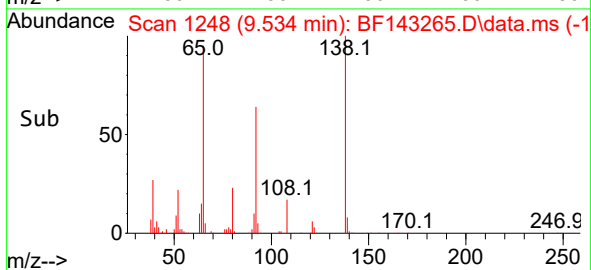
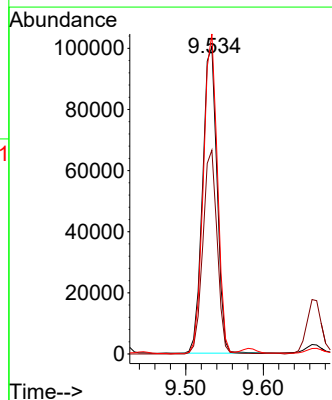
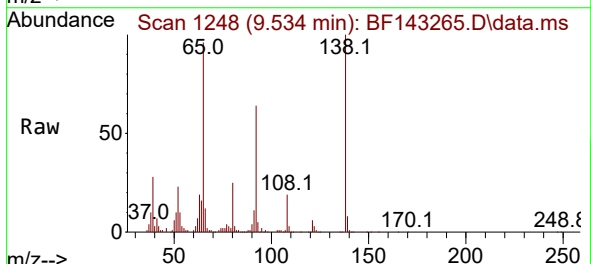
Tgt Ion: 65 Resp: 129904

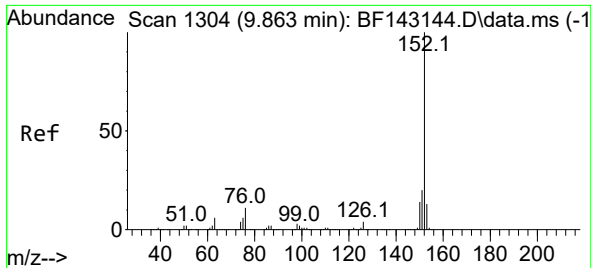
Ion Ratio Lower Upper

65 100

92 66.3 52.4 78.6

138 104.0 82.3 123.5





#49

Acenaphthylene

Concen: 44.114 ng

RT: 9.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

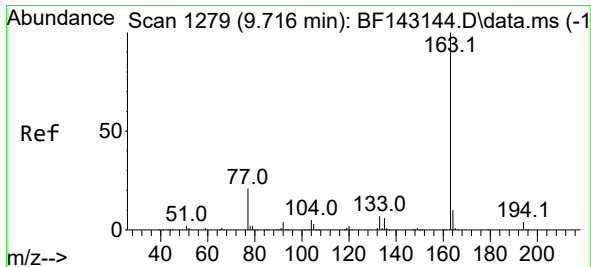
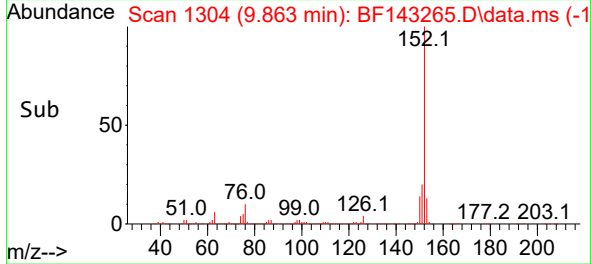
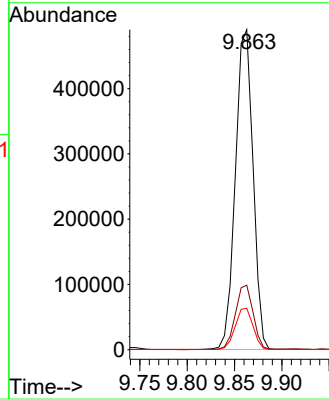
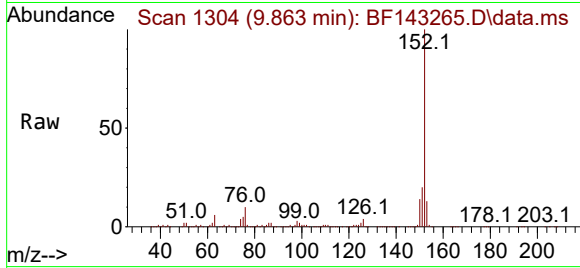
Tgt Ion:152 Resp: 634641

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 44.697 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

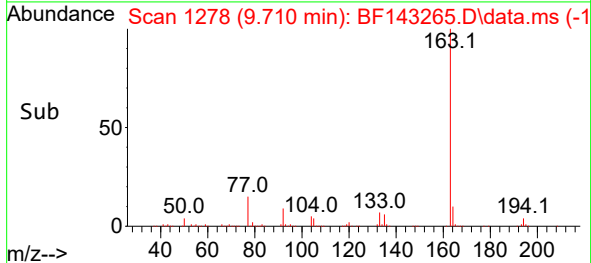
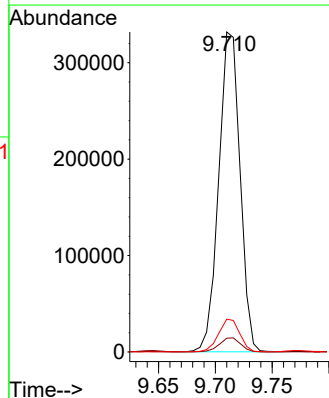
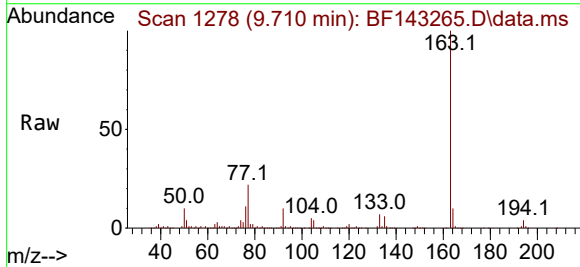
Tgt Ion:163 Resp: 433250

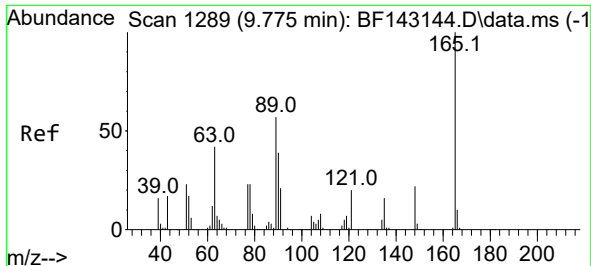
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.3 12.5

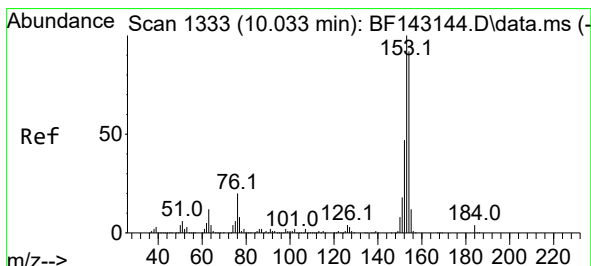
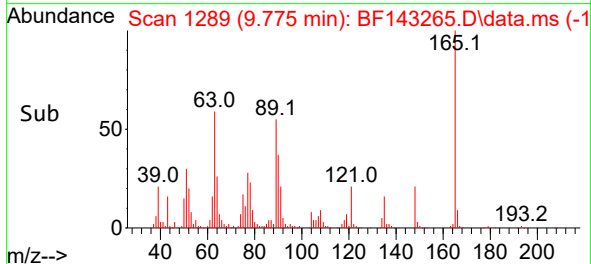
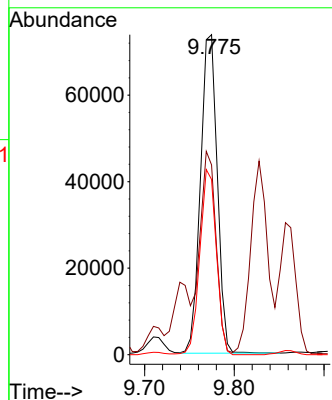
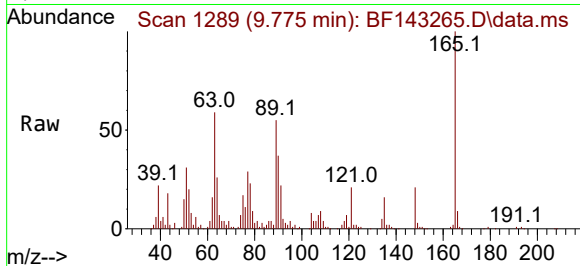




#51
2,6-Dinitrotoluene
Concen: 48.489 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

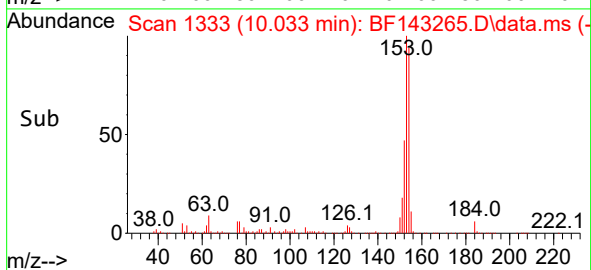
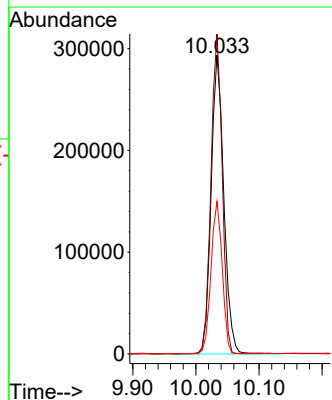
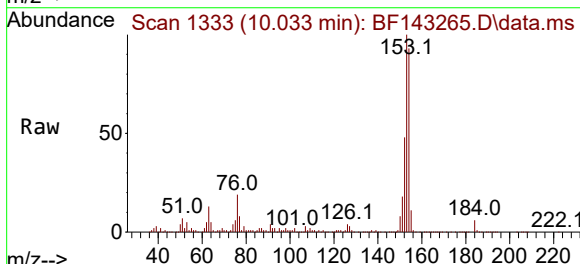
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

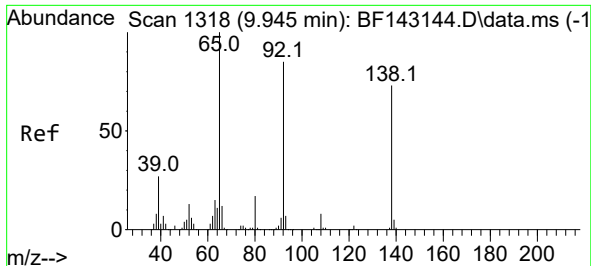
Tgt Ion:165 Resp: 95612
Ion Ratio Lower Upper
165 100
63 59.3 49.4 74.2
89 54.8 46.2 69.2



#52
Acenaphthene
Concen: 48.226 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:154 Resp: 410066
Ion Ratio Lower Upper
154 100
153 107.0 86.6 129.8
152 51.0 40.4 60.6

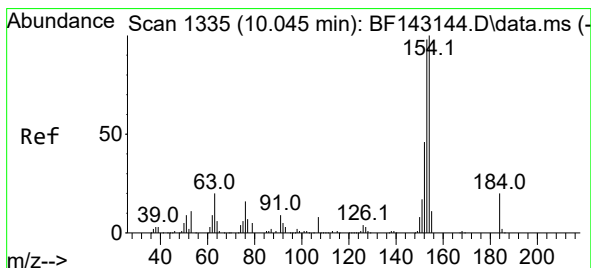
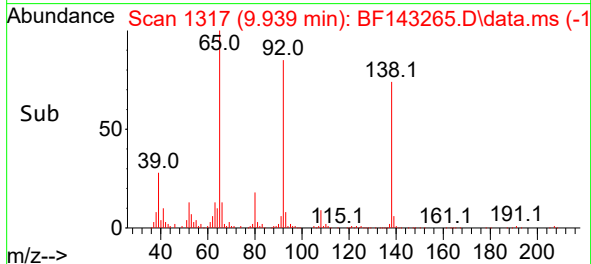
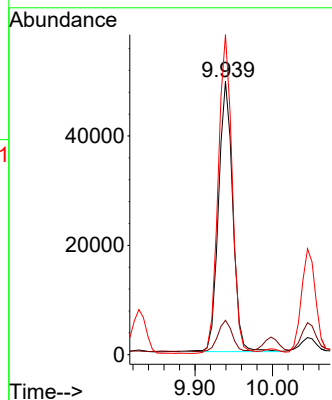
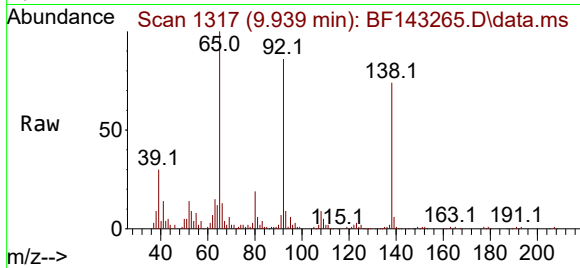




#53
3-Nitroaniline
Concen: 27.309 ng
RT: 9.939 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

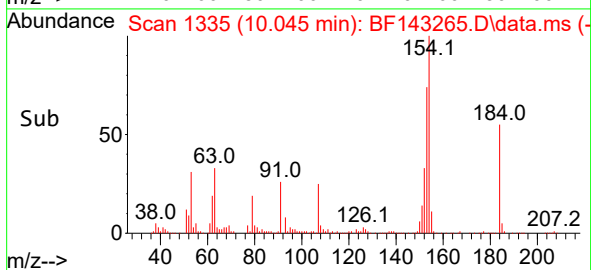
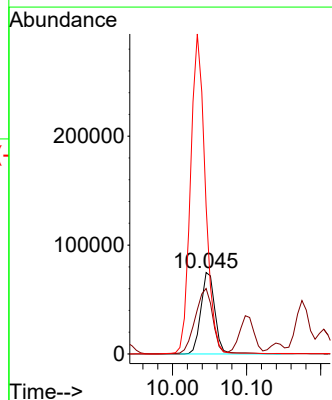
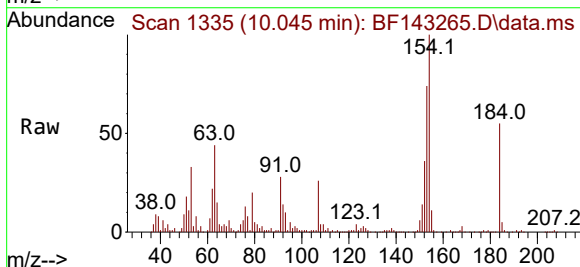
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

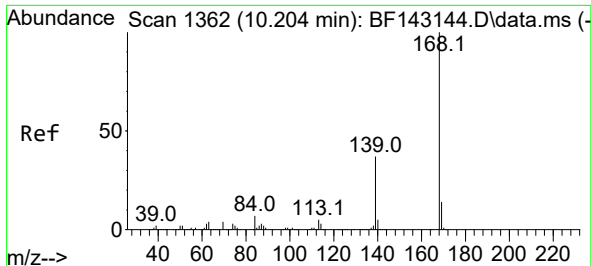
Tgt Ion:138 Resp: 62984
Ion Ratio Lower Upper
138 100
108 12.6 9.0 13.6
92 117.1 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 108.667 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:184 Resp: 99441
Ion Ratio Lower Upper
184 100
63 80.4 81.8 122.6#
154 181.7 412.2 618.4#

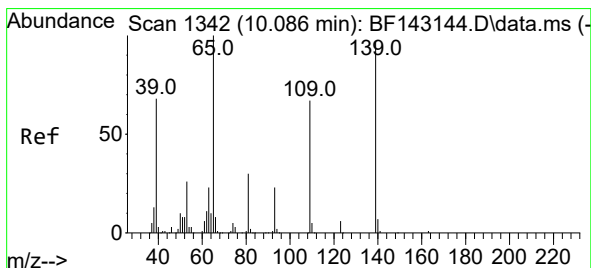
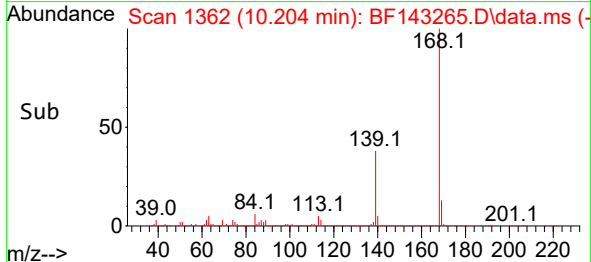
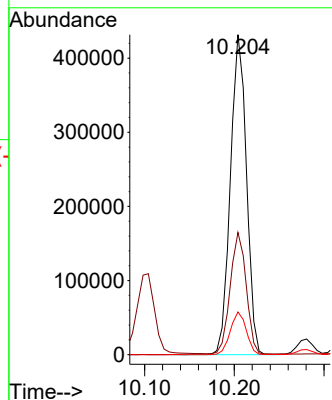
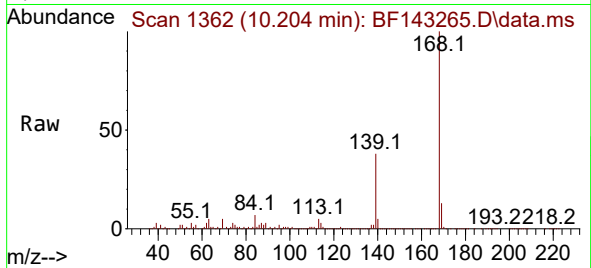




#55
Dibenzofuran
Concen: 42.517 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

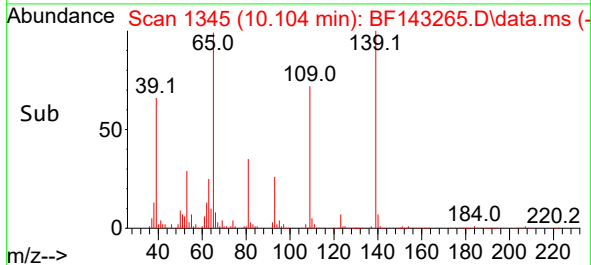
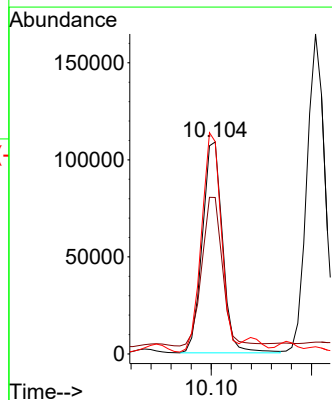
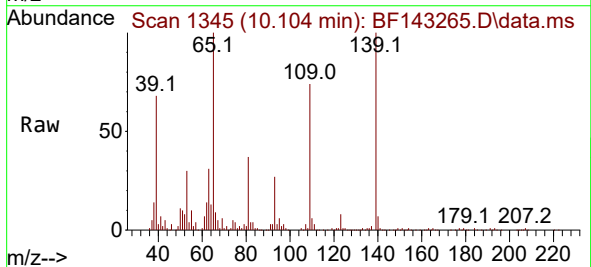
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

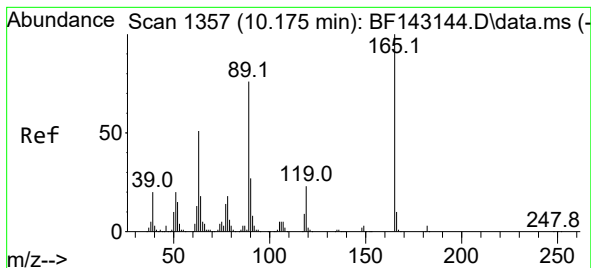
Tgt Ion:168 Resp: 536751
Ion Ratio Lower Upper
168 100
139 38.2 29.5 44.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 88.754 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:139 Resp: 152858
Ion Ratio Lower Upper
139 100
109 73.8 48.5 88.5
65 100.2 83.4 123.4

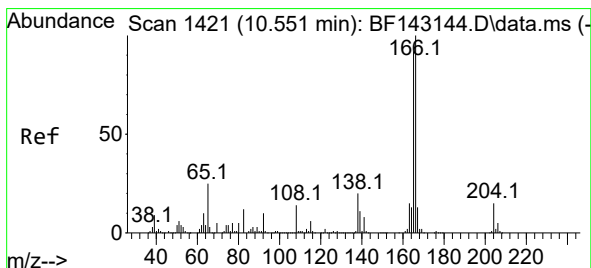
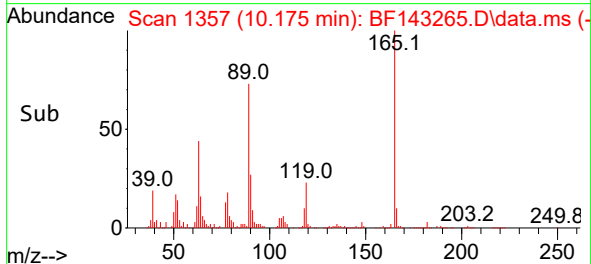
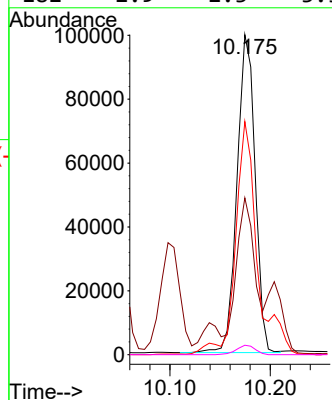
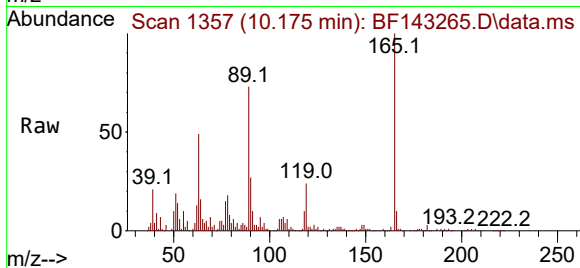




#57
2,4-Dinitrotoluene
Concen: 50.488 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

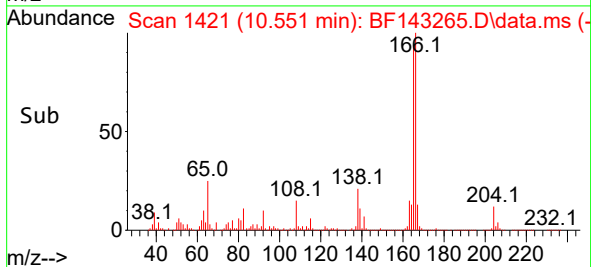
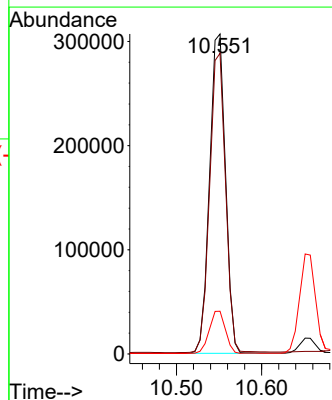
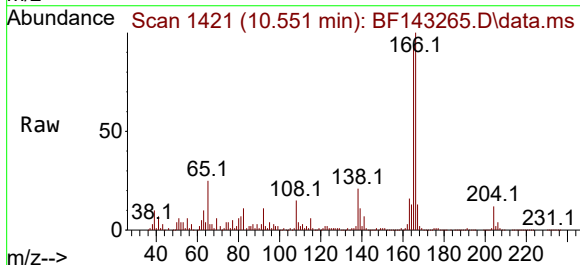
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

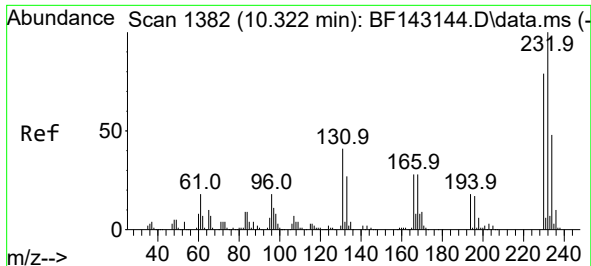
Tgt Ion:165 Resp: 124900
Ion Ratio Lower Upper
165 100
63 49.0 41.0 61.4
89 72.8 61.1 91.7
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.026 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:166 Resp: 398190
Ion Ratio Lower Upper
166 100
165 94.0 73.7 110.5
167 13.4 10.6 16.0

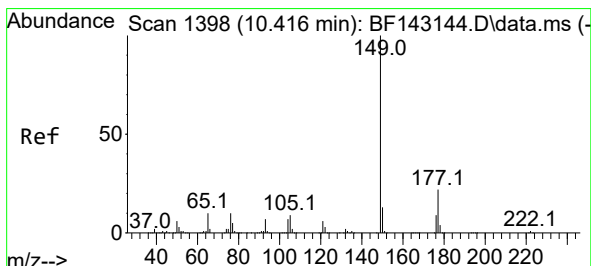
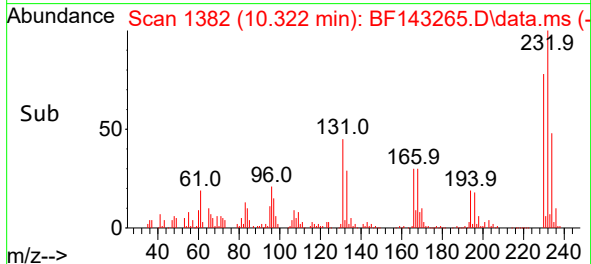
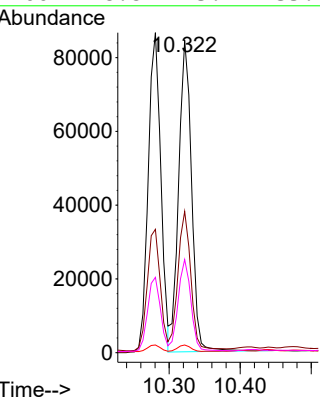
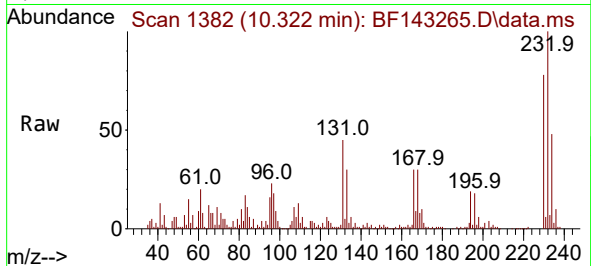




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.337 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

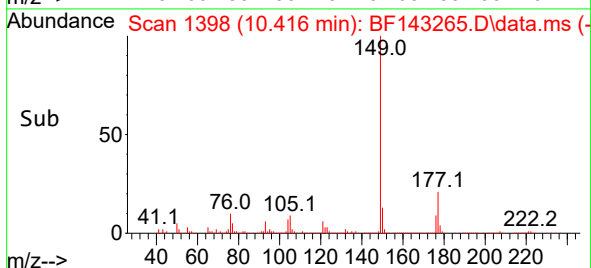
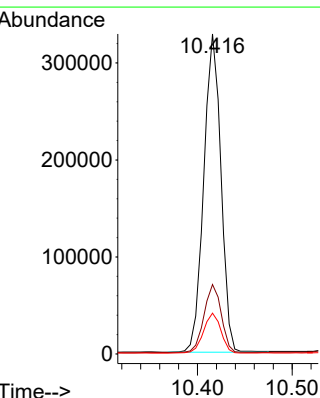
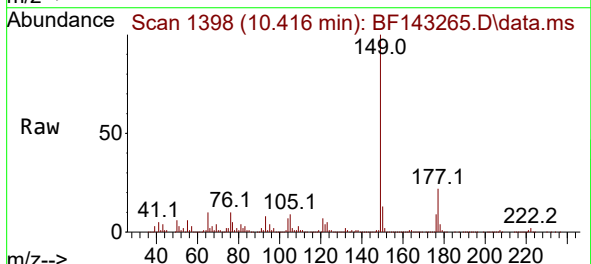
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

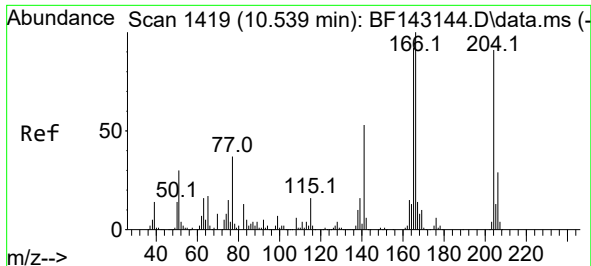
Tgt Ion:232 Resp: 106698
Ion Ratio Lower Upper
232 100
131 43.7 35.3 52.9
130 2.1 1.7 2.5
166 28.8 23.4 35.2



#60
Diethylphthalate
Concen: 43.220 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:149 Resp: 414070
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.8 10.2 15.2

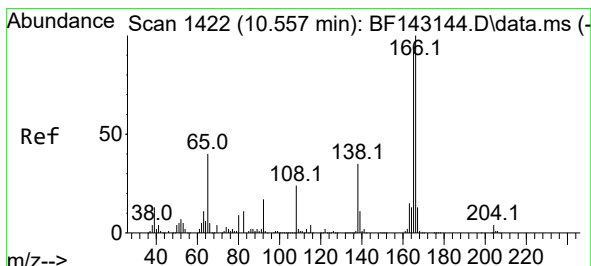
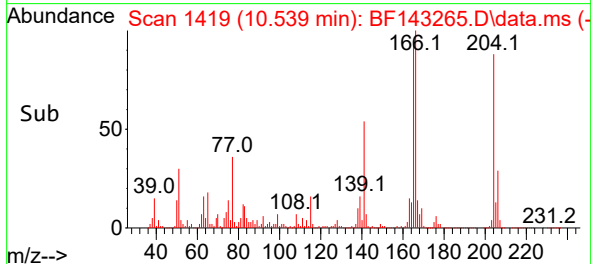
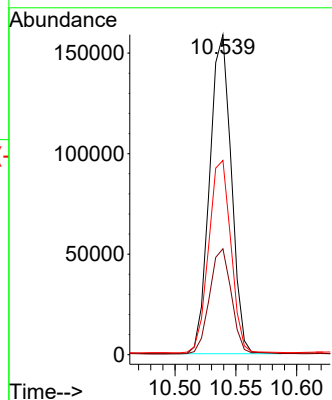
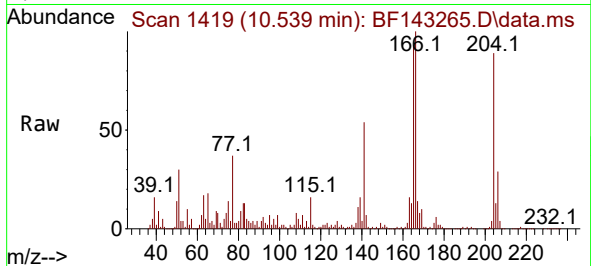




#61
4-Chlorophenyl-phenylether
Concen: 41.685 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

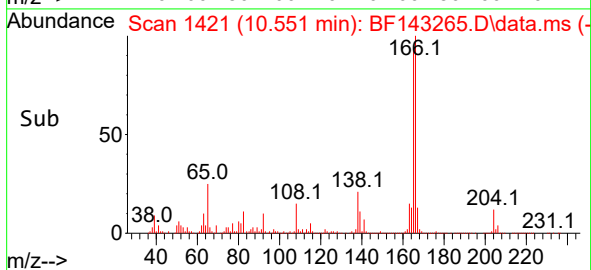
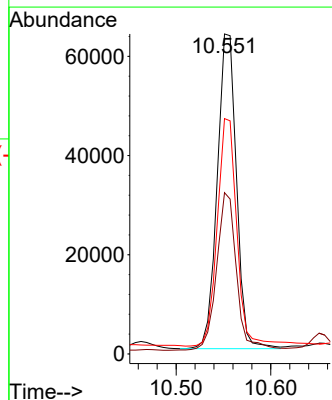
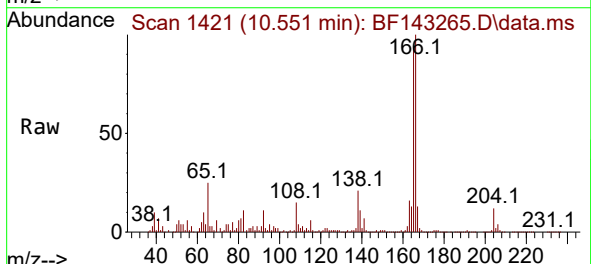
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

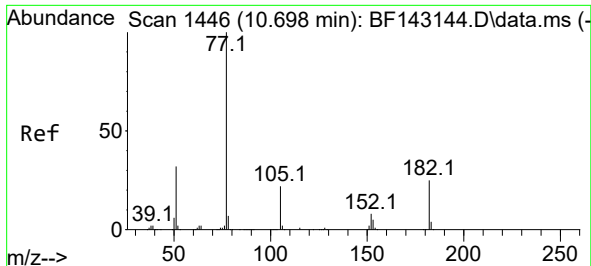
Tgt Ion:204 Resp: 196662
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 60.7 47.0 70.4



#62
4-Nitroaniline
Concen: 45.409 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:138 Resp: 89759
Ion Ratio Lower Upper
138 100
92 50.4 29.3 69.3
108 73.6 48.3 88.3

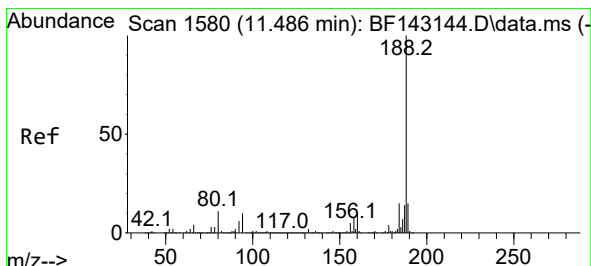
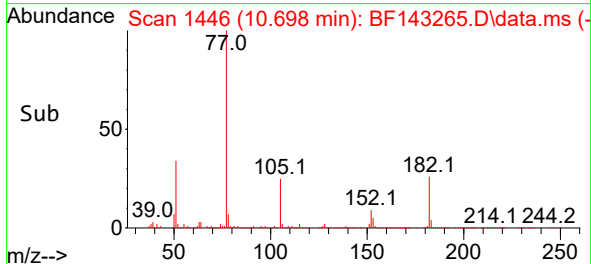
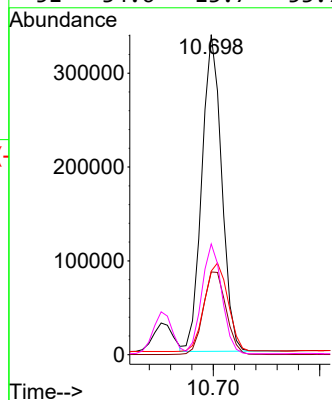
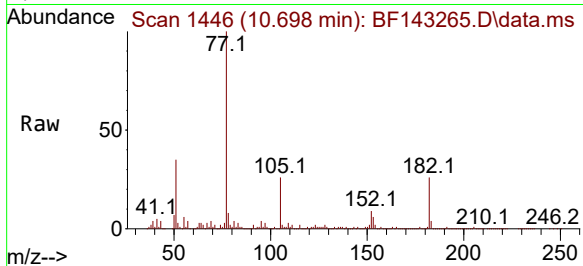




#63
Azobenzene
Concen: 43.847 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

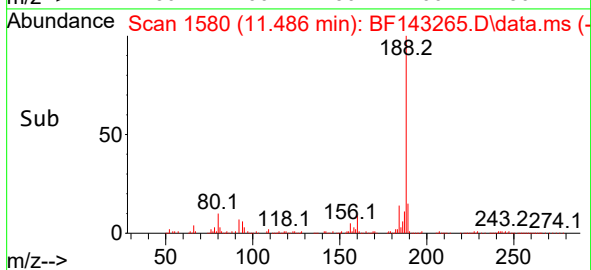
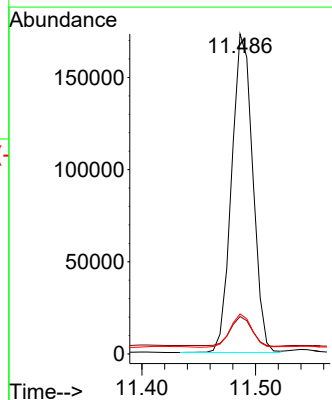
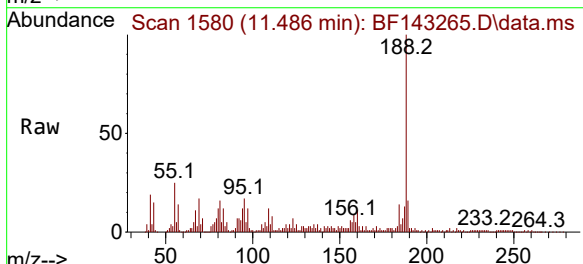
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

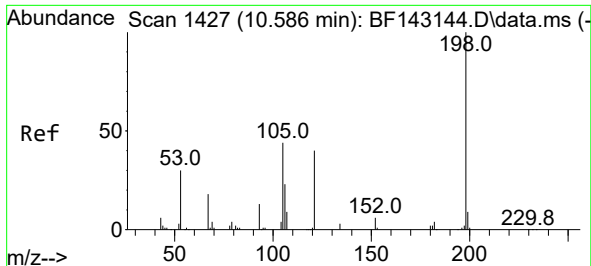
Tgt Ion: 77	Resp: 437820
Ion Ratio	Lower Upper
77 100	
182 25.8	4.6 44.6
105 26.1	1.4 41.4
51 34.6	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:188	Resp: 223054
Ion Ratio	Lower Upper
188 100	
94 11.7	8.3 12.5
80 12.5	9.0 13.6

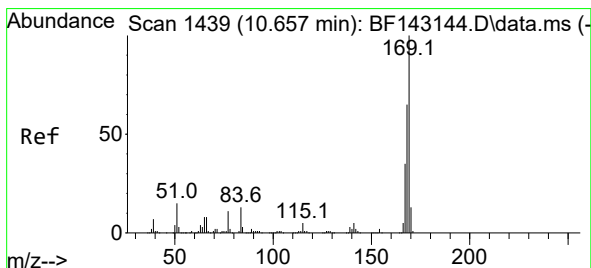
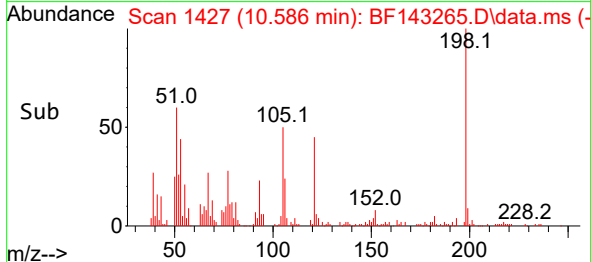
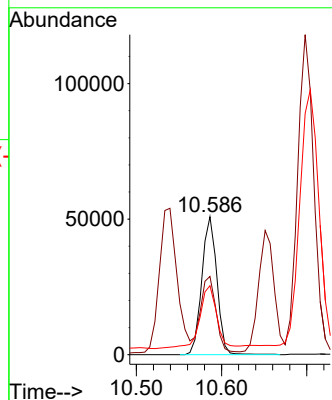
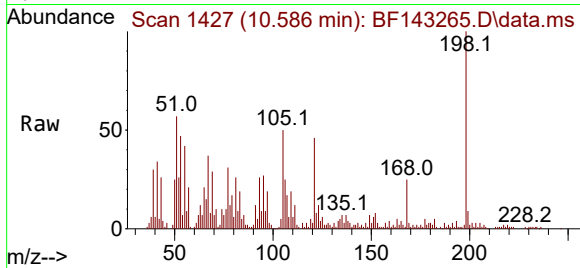




#65
4,6-Dinitro-2-methylphenol
Concen: 52.875 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

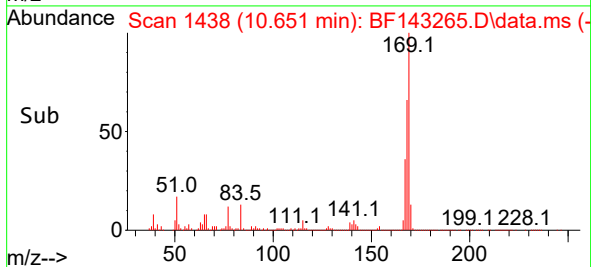
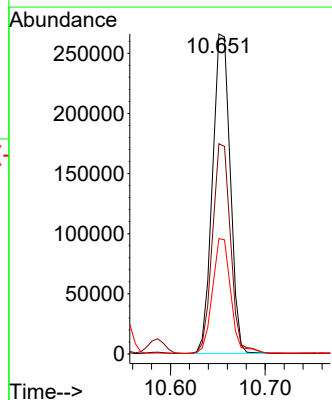
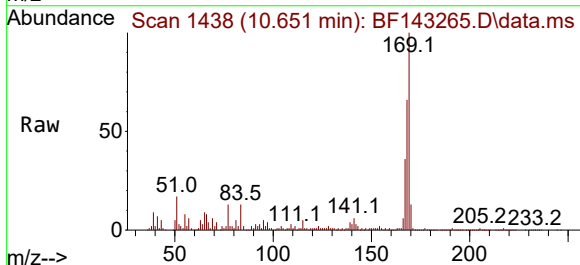
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

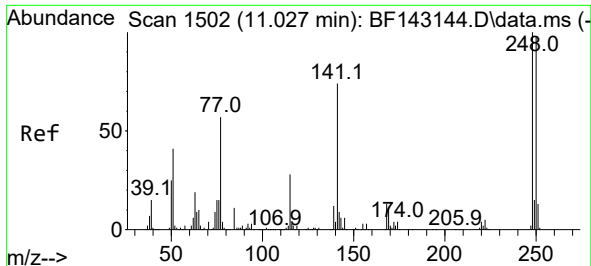
Tgt Ion:198 Resp: 62552
Ion Ratio Lower Upper
198 100
51 56.8 37.2 77.2
105 50.0 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 43.990 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

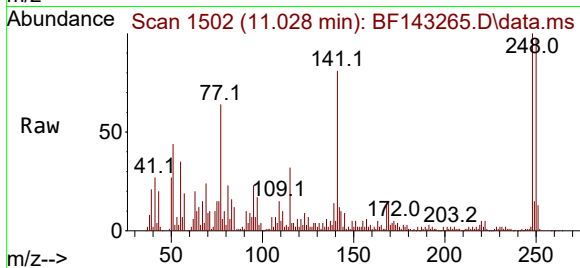
Tgt Ion:169 Resp: 345516
Ion Ratio Lower Upper
169 100
168 65.7 52.1 78.1
167 36.1 28.2 42.2



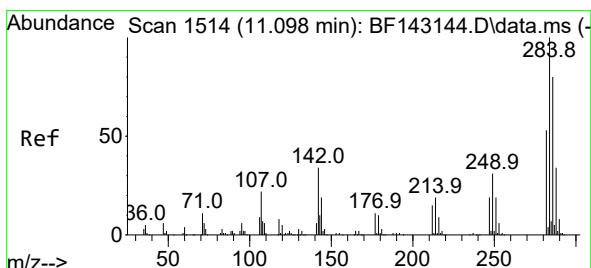
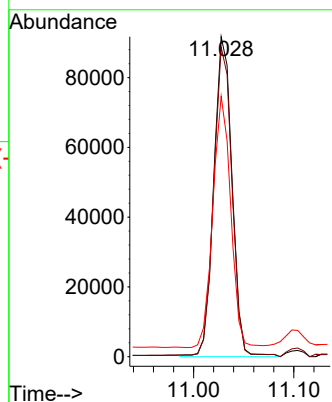
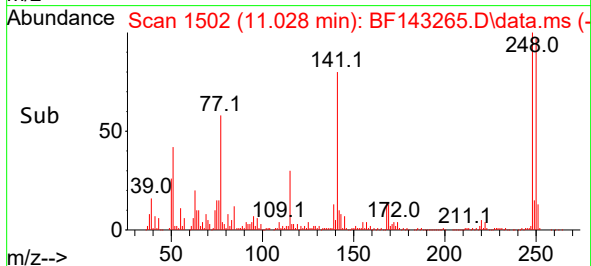


#67
4-Bromophenyl-phenylether
Concen: 43.684 ng
RT: 11.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

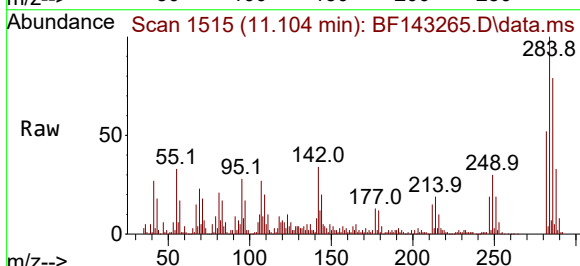
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD



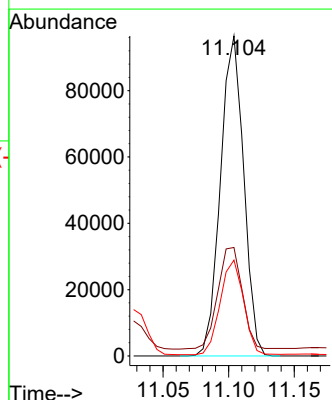
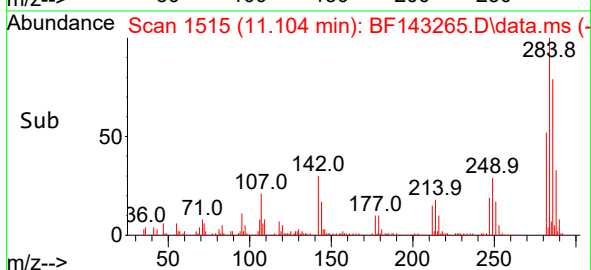
Tgt Ion:248 Resp: 116120
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 81.4 59.2 88.8

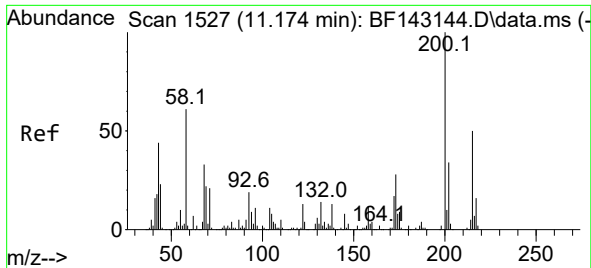


#68
Hexachlorobenzene
Concen: 42.731 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39



Tgt Ion:284 Resp: 118722
Ion Ratio Lower Upper
284 100
142 33.9 27.0 40.6
249 29.9 25.0 37.6

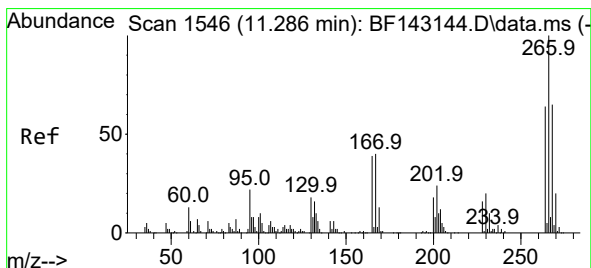
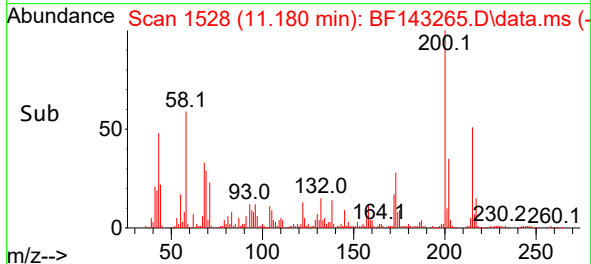
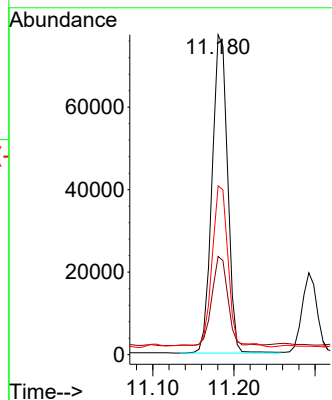
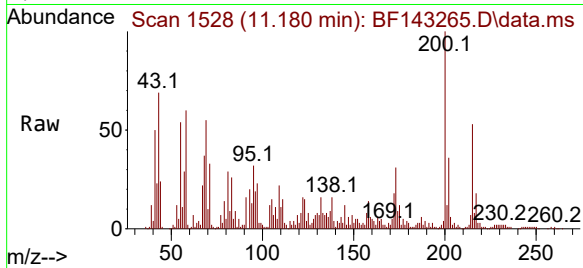




#69
 Atrazine
 Concen: 47.401 ng
 RT: 11.180 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143265.D
 Acq: 29 Jul 2025 19:39

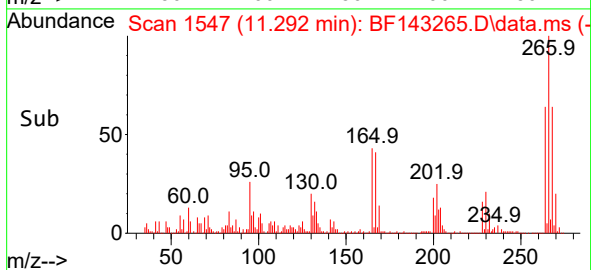
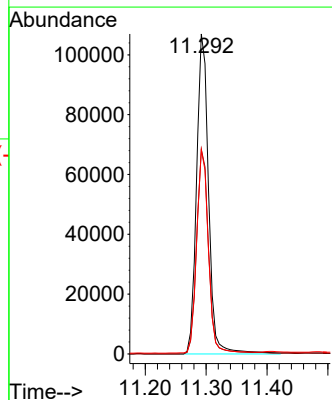
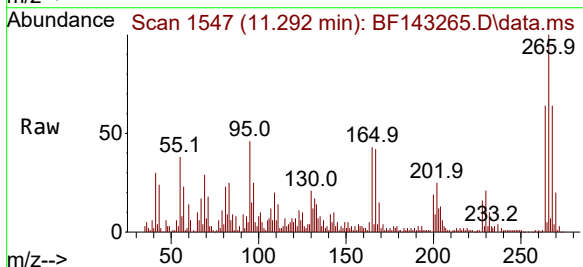
Instrument :
 BNA_F
 ClientSampleId :
 7211935-295MSD

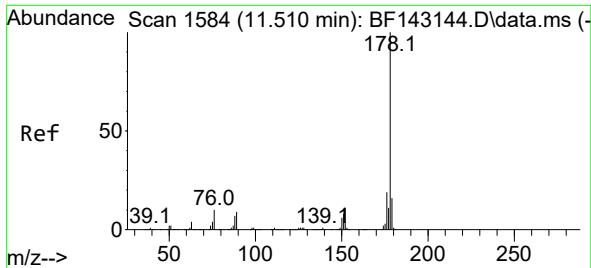
Tgt Ion:200 Resp: 102642
 Ion Ratio Lower Upper
 200 100
 173 30.7 7.9 47.9
 215 52.7 30.1 70.1



#70
 Pentachlorophenol
 Concen: 89.806 ng
 RT: 11.292 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: BF143265.D
 Acq: 29 Jul 2025 19:39

Tgt Ion:266 Resp: 146735
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.9 77.9
 264 63.8 51.0 76.6

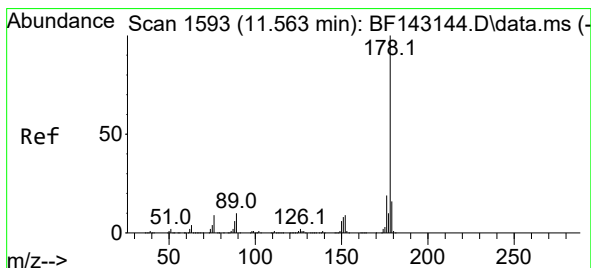
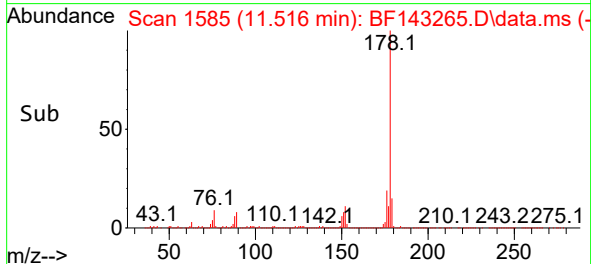
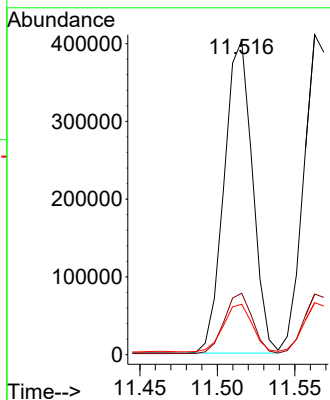
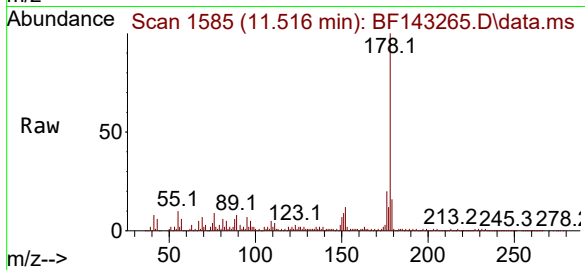




#71
Phenanthrene
Concen: 43.148 ng
RT: 11.516 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

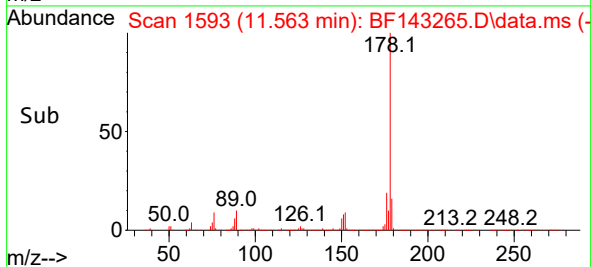
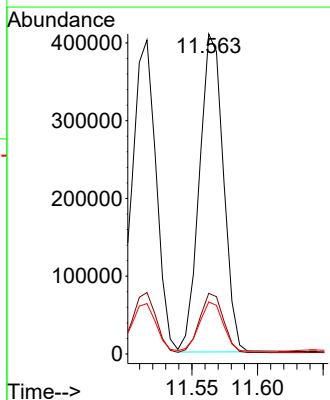
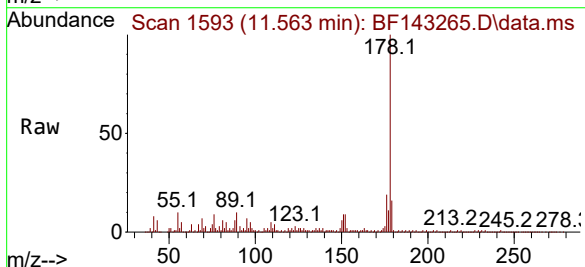
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

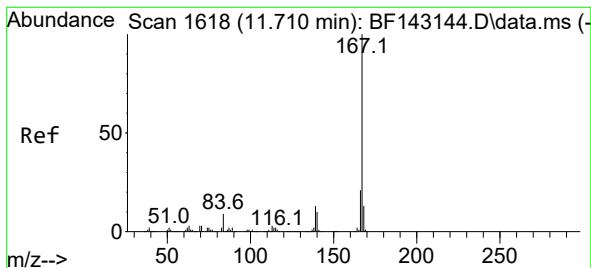
Tgt Ion:178 Resp: 511019
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 16.1 12.5 18.7



#72
Anthracene
Concen: 43.007 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:178 Resp: 519488
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 16.2 12.5 18.7





#73

Carbazole

Concen: 44.771 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

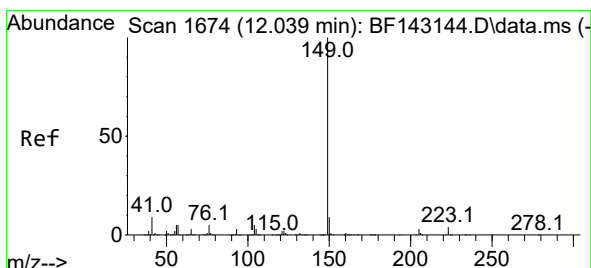
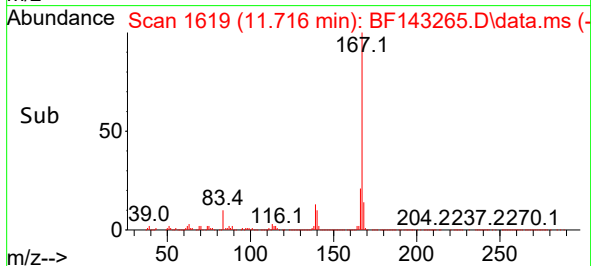
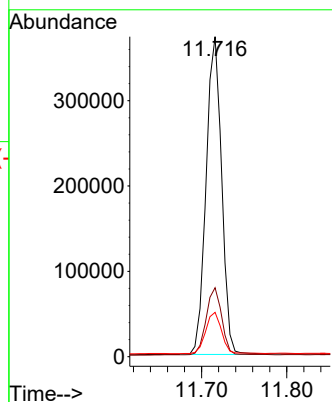
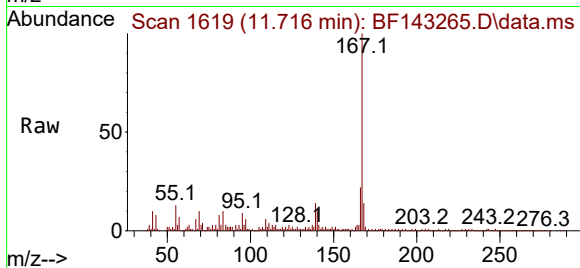
Tgt Ion:167 Resp: 472217

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.9 10.0 15.0



#74

Di-n-butylphthalate

Concen: 47.137 ng

RT: 12.045 min Scan# 1675

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

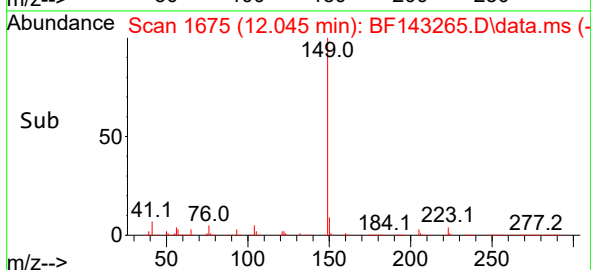
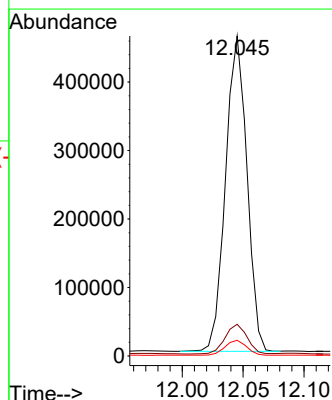
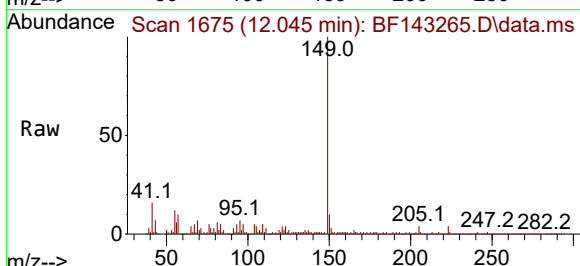
Tgt Ion:149 Resp: 562547

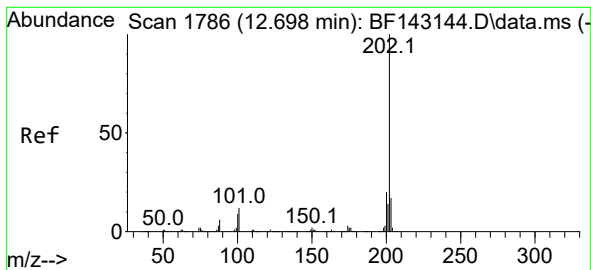
Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 48.994 ng

RT: 12.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

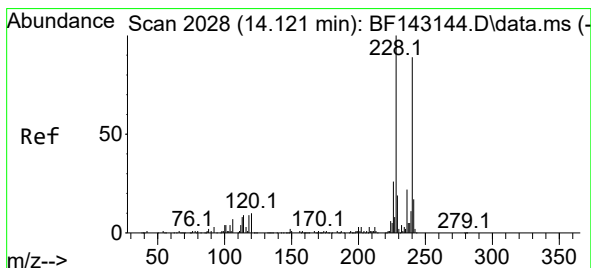
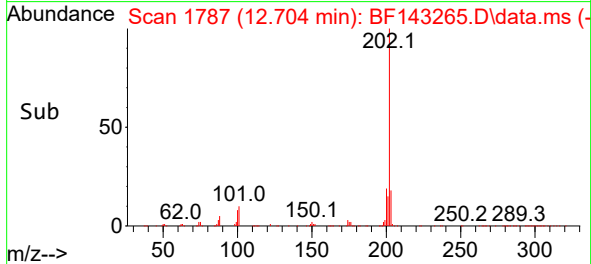
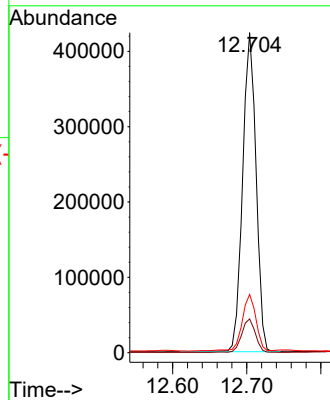
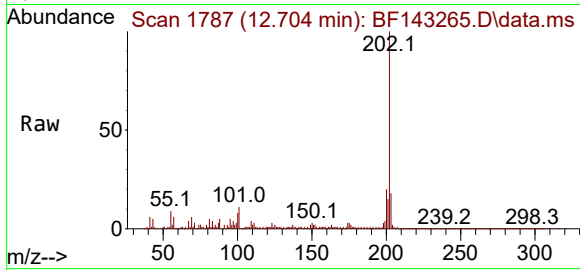
Tgt Ion:202 Resp: 532603

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.7

203 18.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

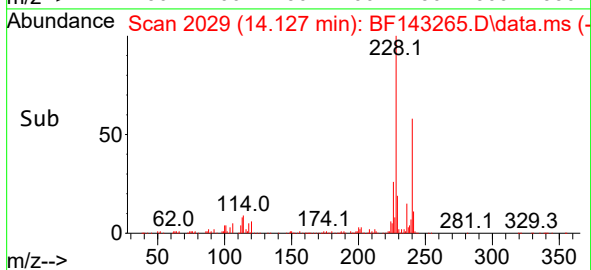
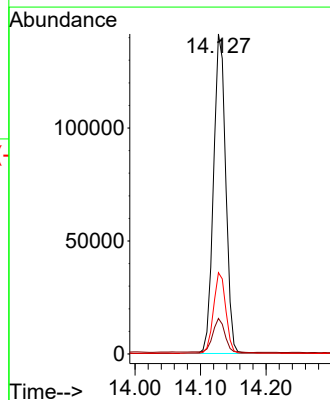
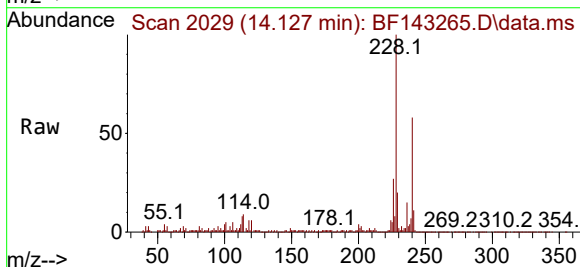
Tgt Ion:240 Resp: 182968

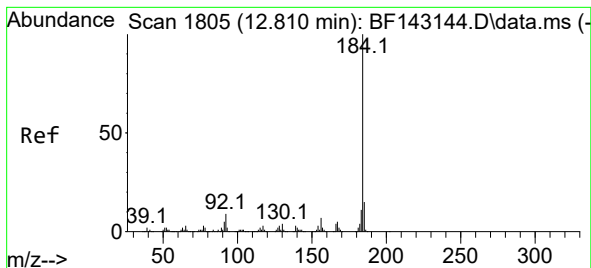
Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 25.4 20.2 30.4





#77

Benzidine

Concen: 30.303 ng

RT: 12.816 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

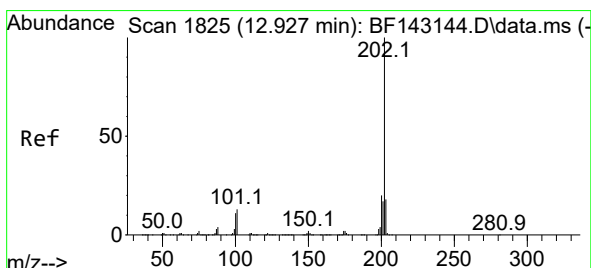
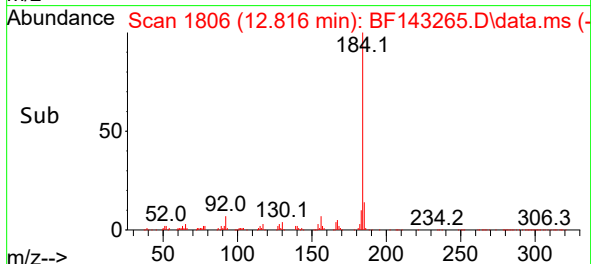
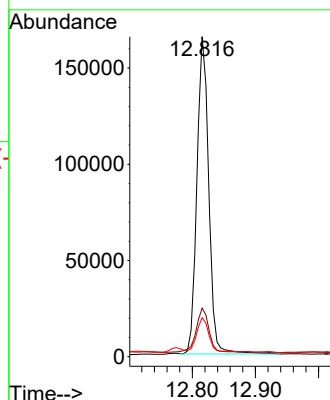
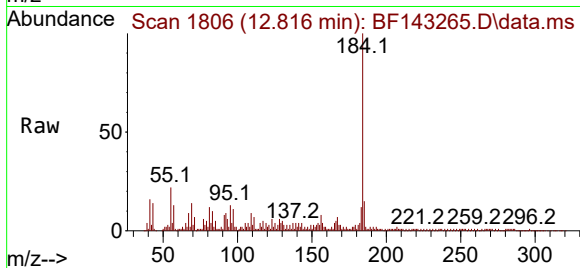
Tgt Ion:184 Resp: 213613

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.4

183 12.1 9.0 13.4



#78

Pyrene

Concen: 34.774 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

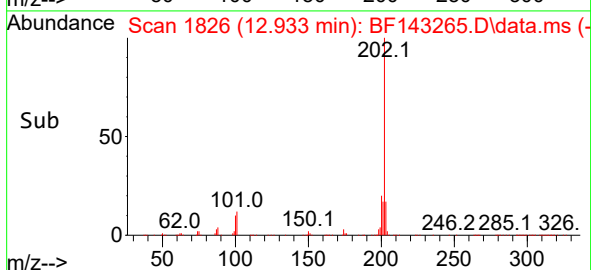
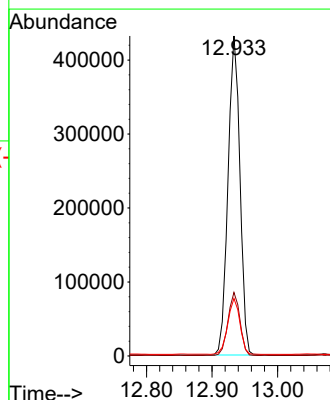
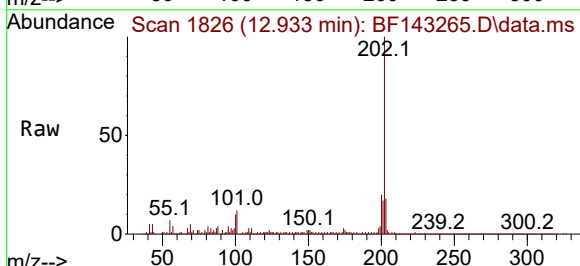
Tgt Ion:202 Resp: 543005

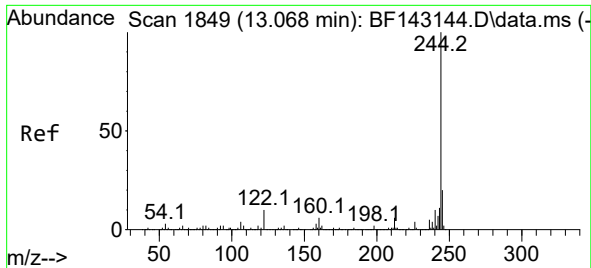
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 18.0 14.2 21.2

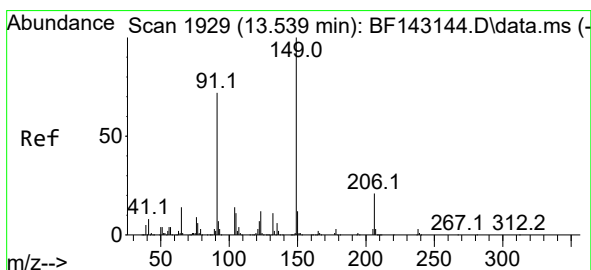
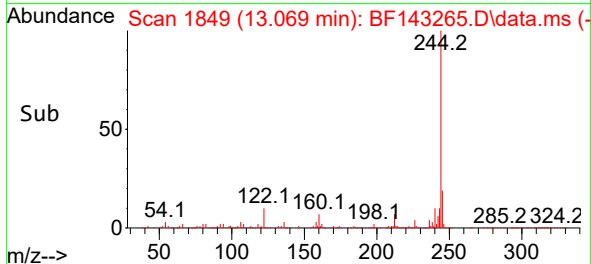
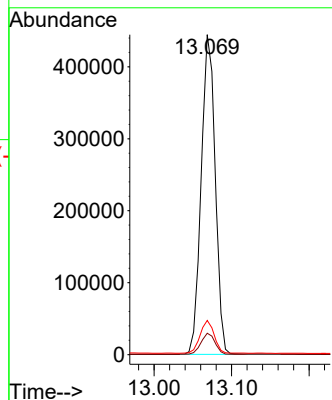
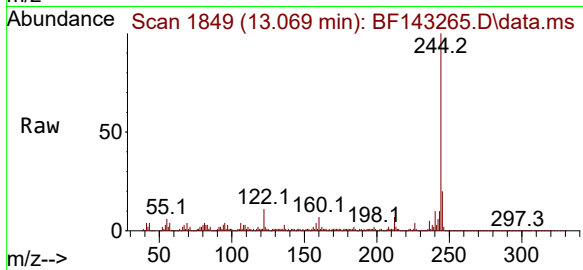




#79
 Terphenyl-d14
 Concen: 45.502 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143265.D
 Acq: 29 Jul 2025 19:39

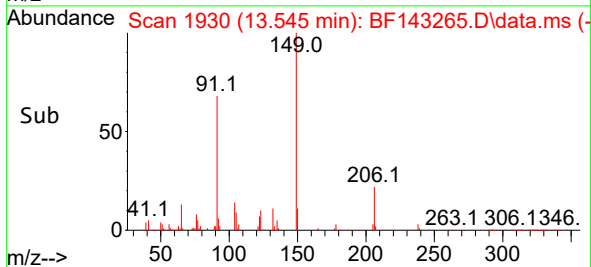
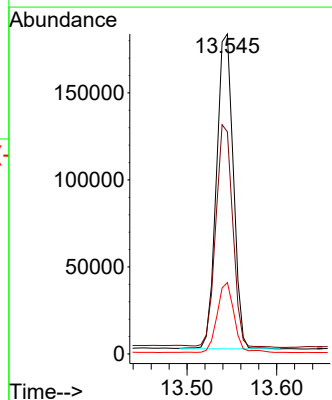
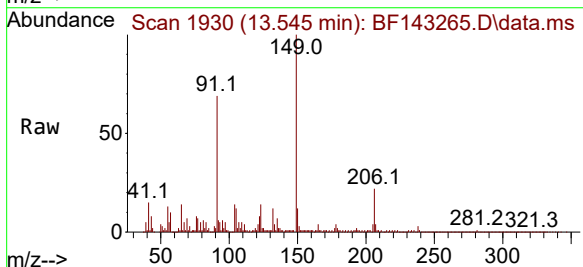
Instrument :
 BNA_F
 ClientSampleId :
 7211935-295MSD

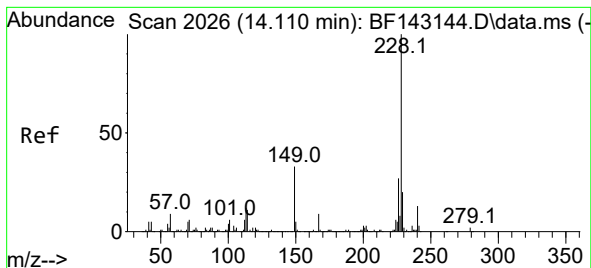
Tgt Ion:244 Resp: 559467
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.7 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.351 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: BF143265.D
 Acq: 29 Jul 2025 19:39

Tgt Ion:149 Resp: 235979
 Ion Ratio Lower Upper
 149 100
 91 69.4 57.9 86.9
 206 22.3 17.0 25.4





#81

Benzo(a)anthracene

Concen: 43.339 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

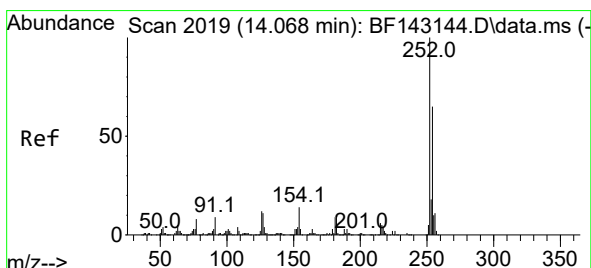
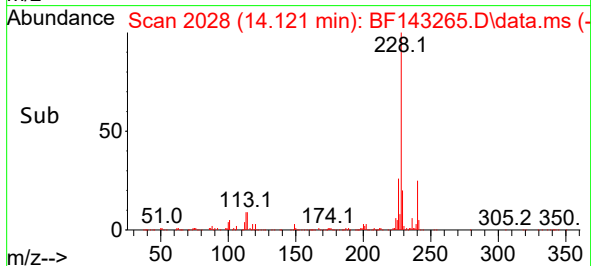
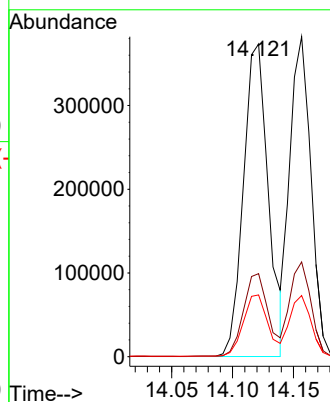
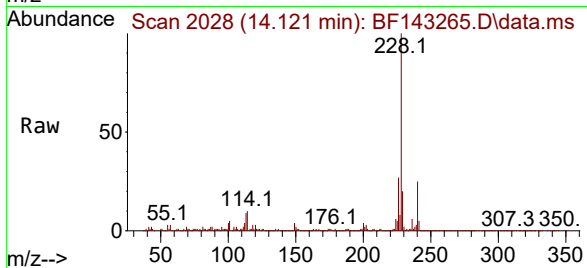
Tgt Ion:228 Resp: 530892

Ion Ratio Lower Upper

228 100

226 26.5 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 5.531 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

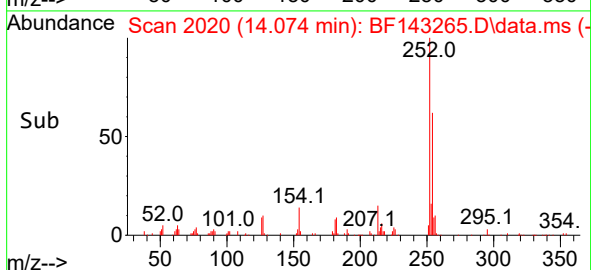
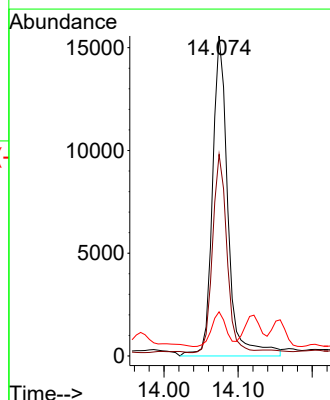
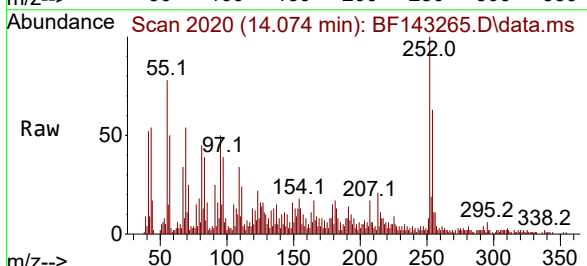
Tgt Ion:252 Resp: 22580

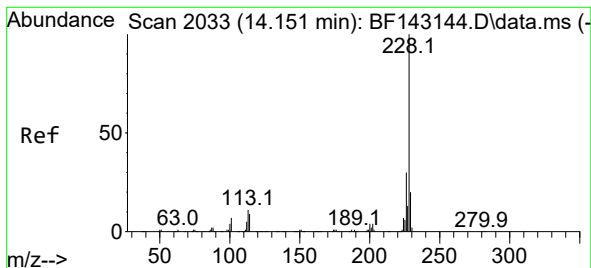
Ion Ratio Lower Upper

252 100

254 63.0 51.7 77.5

126 13.8 9.4 14.0





#83

Chrysene

Concen: 42.031 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

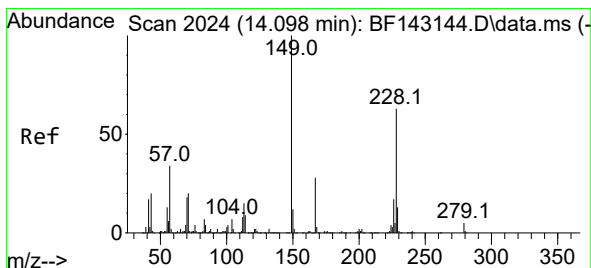
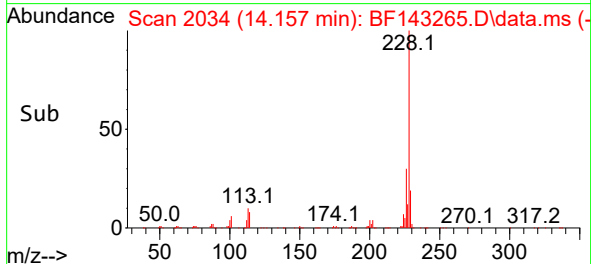
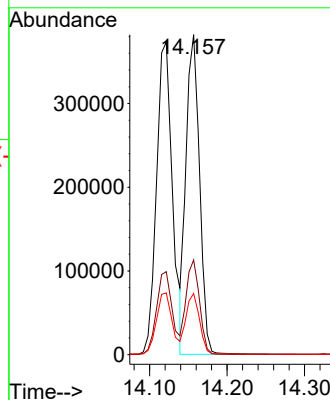
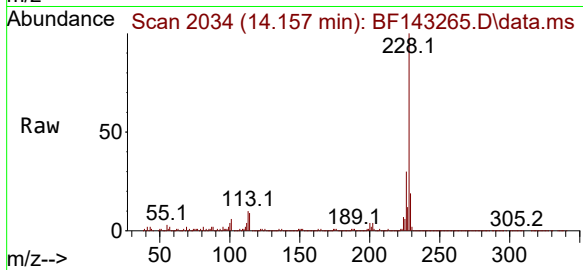
Tgt Ion:228 Resp: 462919

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.411 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

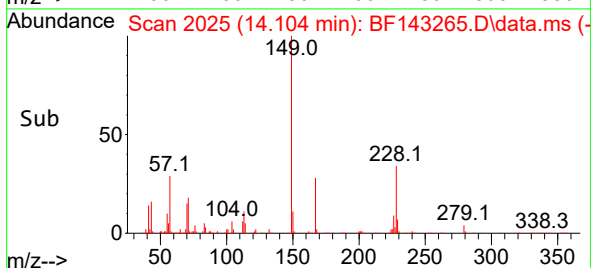
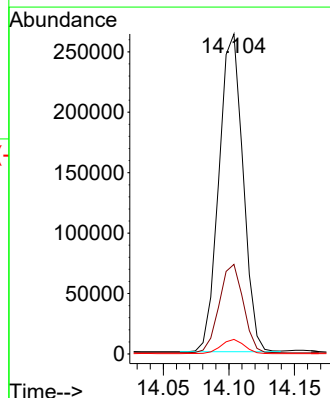
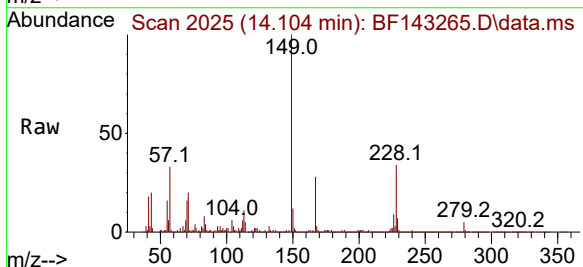
Tgt Ion:149 Resp: 335897

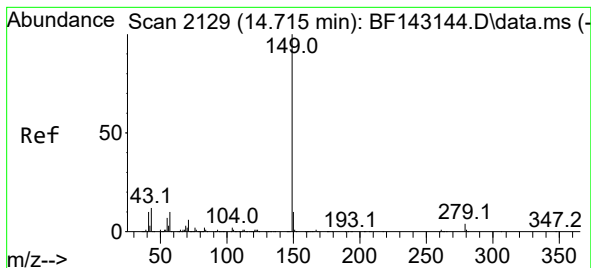
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.208 ng

RT: 14.716 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

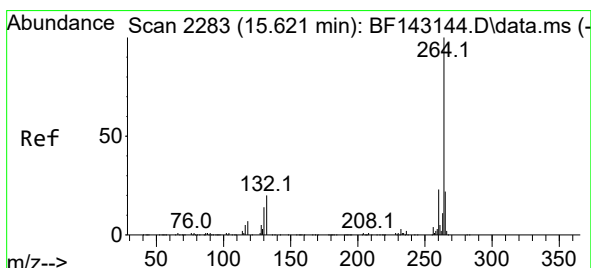
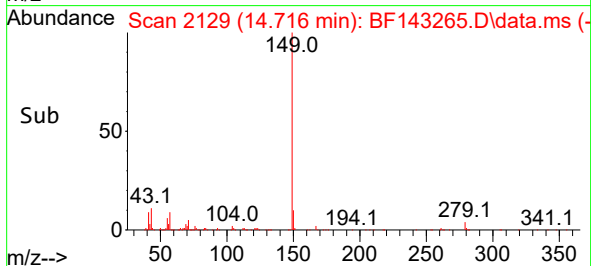
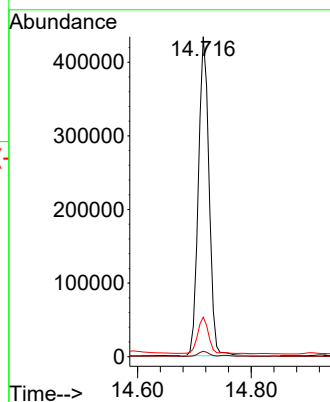
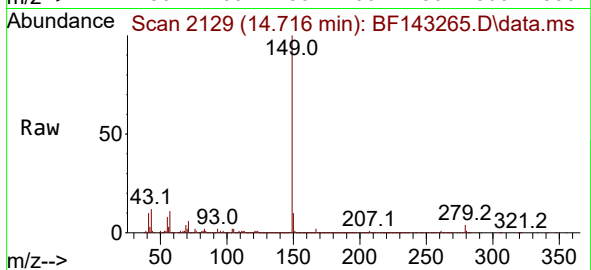
Tgt Ion:149 Resp: 566842

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.8 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2285

Delta R.T. 0.012 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

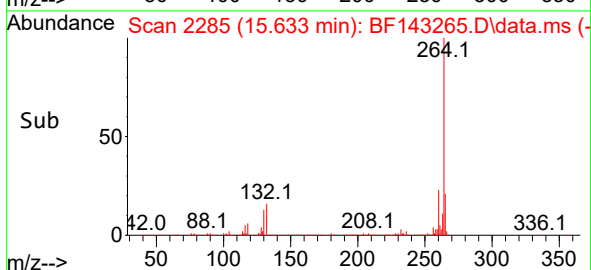
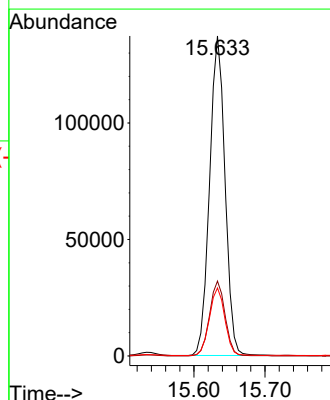
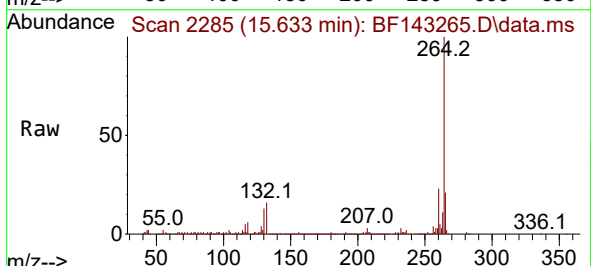
Tgt Ion:264 Resp: 207136

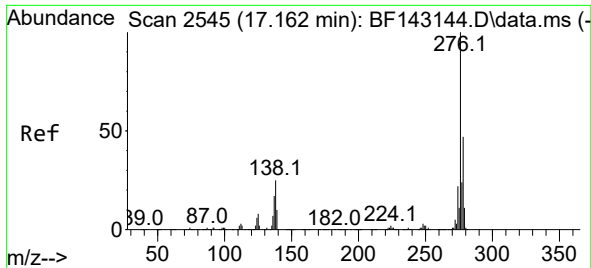
Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.2 17.4 26.2

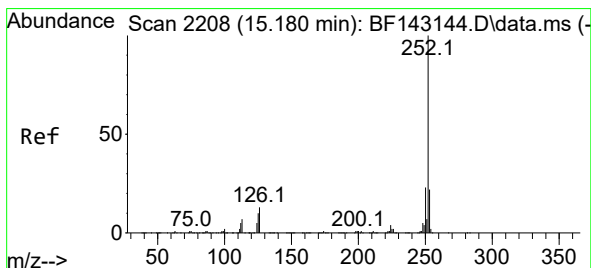
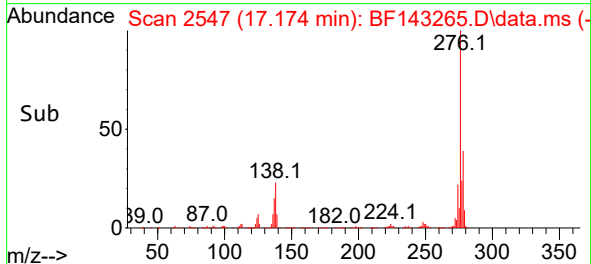
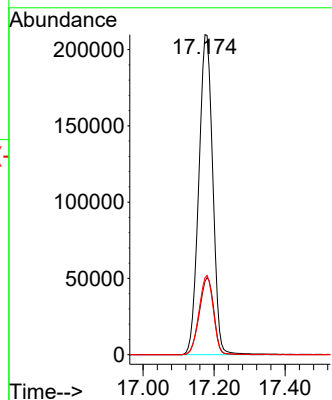
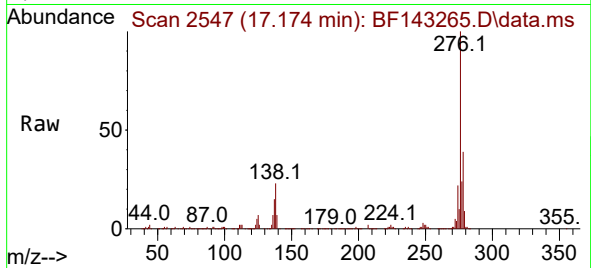




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.387 ng
RT: 17.174 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

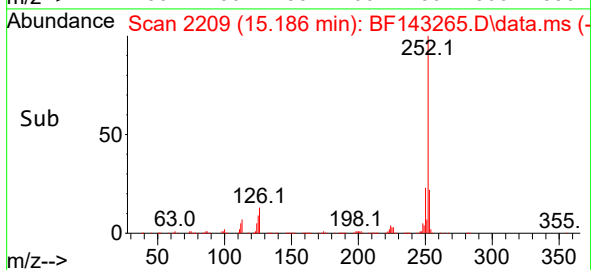
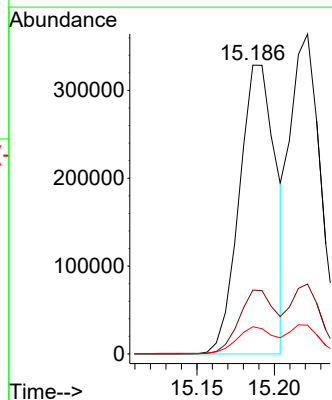
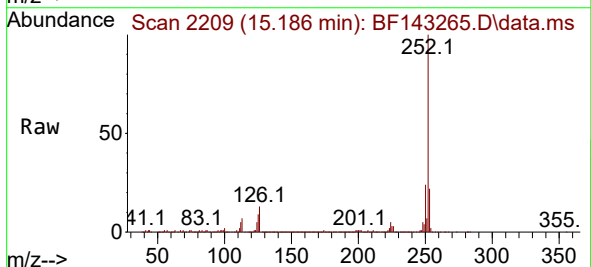
Instrument :
BNA_F
ClientSampleId :
7211935-295MSD

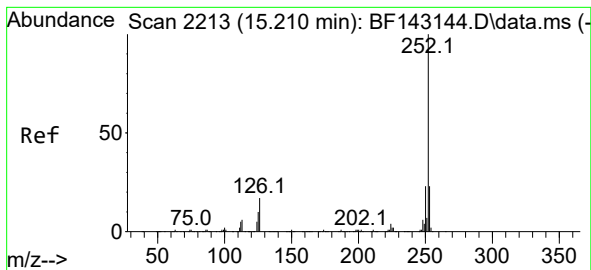
Tgt Ion:276 Resp: 575285
Ion Ratio Lower Upper
276 100
138 25.0 21.8 32.6
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 42.542 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143265.D
Acq: 29 Jul 2025 19:39

Tgt Ion:252 Resp: 538331
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 43.796 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

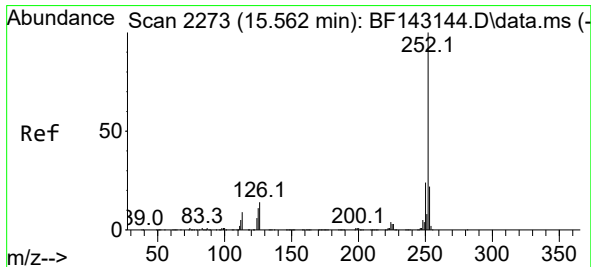
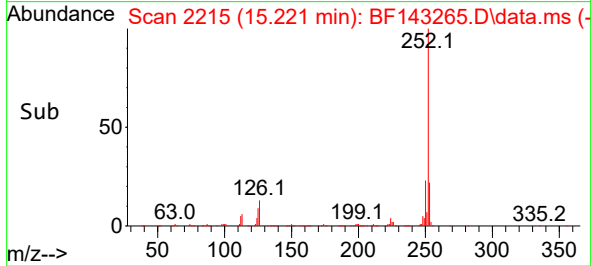
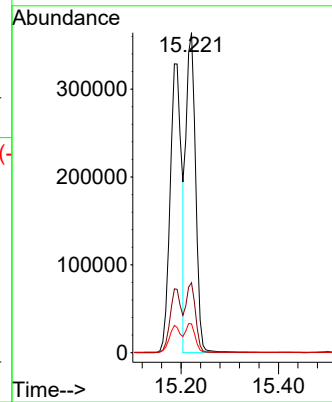
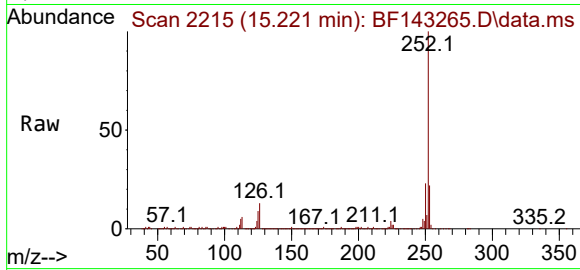
Tgt Ion:252 Resp: 494535

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 9.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 43.742 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

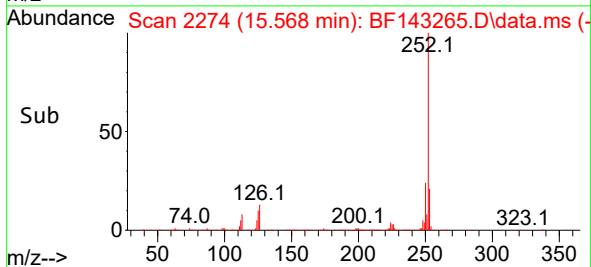
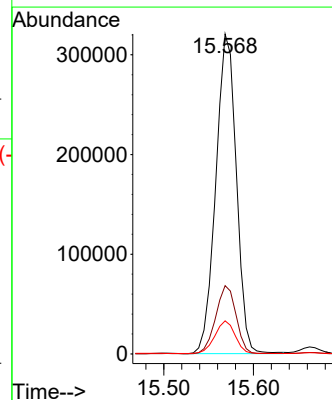
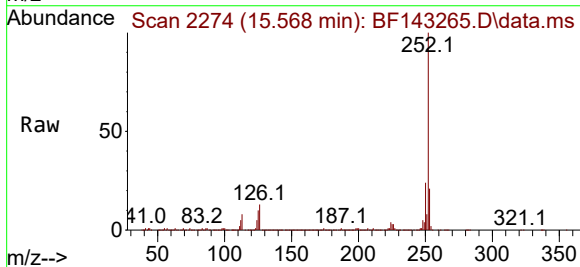
Tgt Ion:252 Resp: 509984

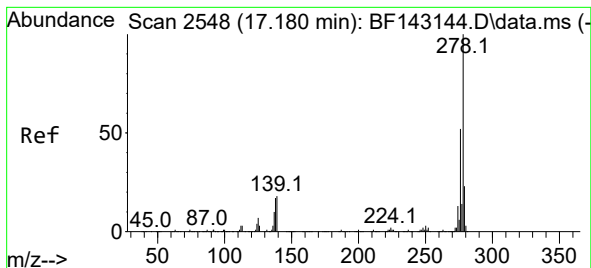
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 10.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 39.194 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Instrument :

BNA_F

ClientSampleId :

7211935-295MSD

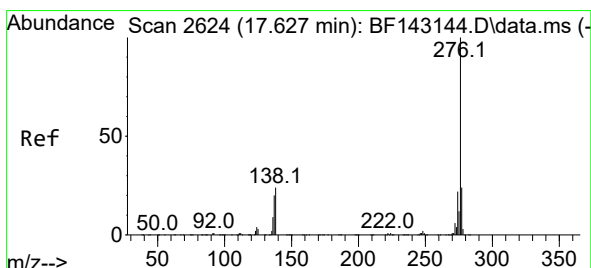
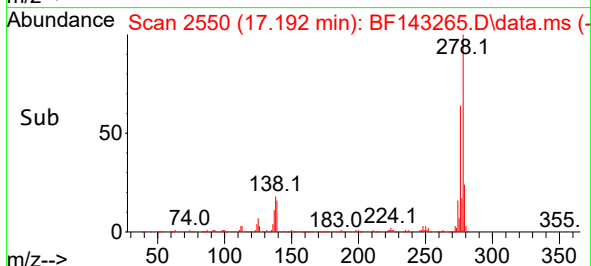
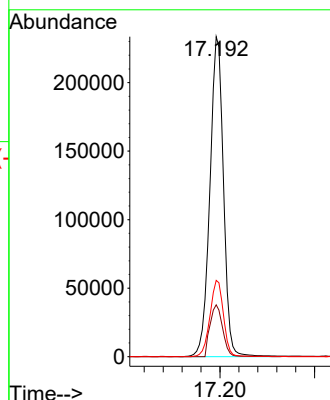
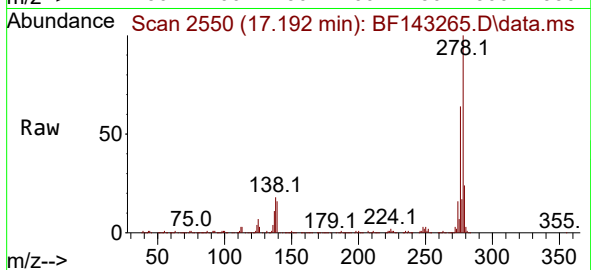
Tgt Ion:278 Resp: 465945

Ion Ratio Lower Upper

278 100

139 16.2 14.1 21.1

279 23.9 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 38.169 ng

RT: 17.645 min Scan# 2627

Delta R.T. 0.018 min

Lab File: BF143265.D

Acq: 29 Jul 2025 19:39

Tgt Ion:276 Resp: 438935

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 20.9 18.9 28.3

