

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
 Data File : BF144493.D
 Acq On : 16 Dec 2025 14:14
 Operator : RC/JU
 Sample : PB170956BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170956BS

Quant Time: Dec 16 14:34:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	224158	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	925967	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	509138	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	834332	20.000	ng	0.00
76) Chrysene-d12	13.945	240	502203	20.000	ng	0.00
86) Perylene-d12	15.374	264	444188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1681065	113.078	ng	0.01
7) Phenol-d6	6.422	99	2119323	114.291	ng	0.00
23) Nitrobenzene-d5	7.357	82	1292507	87.349	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	628700	136.582	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2396990	72.223	ng	0.00
79) Terphenyl-d14	12.898	244	2453226	77.123	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	245973	34.408	ng	98
3) Pyridine	3.310	79	584662	29.743	ng	98
4) n-Nitrosodimethylamine	3.251	42	341760	40.006	ng	98
6) Aniline	6.457	93	719923	27.832	ng	100
8) 2-Chlorophenol	6.575	128	702453	44.072	ng	99
9) Benzaldehyde	6.339	77	263085	18.123	ng	99
10) Phenol	6.434	94	877273	40.085	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	641976	40.132	ng	98
12) 1,3-Dichlorobenzene	6.734	146	689123	40.017	ng	99
13) 1,4-Dichlorobenzene	6.810	146	702277	40.645	ng	99
14) 1,2-Dichlorobenzene	6.963	146	672345	40.975	ng	100
15) Benzyl Alcohol	6.934	79	607507	44.449	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1016609	37.658	ng	99
17) 2-Methylphenol	7.045	107	575278	42.818	ng	99
18) Hexachloroethane	7.310	117	251727	41.930	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	477546	40.770	ng	98
20) 3+4-Methylphenols	7.198	107	700430	42.429	ng	99
22) Acetophenone	7.204	105	986630	42.957	ng	99
24) Nitrobenzene	7.375	77	711936	44.351	ng	97
25) Isophorone	7.616	82	1357558	40.652	ng	99
26) 2-Nitrophenol	7.692	139	343165	48.930	ng	97
27) 2,4-Dimethylphenol	7.728	122	665885	41.791	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	815956	39.653	ng	100
29) 2,4-Dichlorophenol	7.928	162	581864	43.949	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	604639	42.106	ng	99
31) Naphthalene	8.098	128	1957577	39.281	ng	100
32) Benzoic acid	7.851	122	509300	51.924	ng	98
33) 4-Chloroaniline	8.145	127	471925	23.559	ng	98
34) Hexachlorobutadiene	8.216	225	354566	39.933	ng	99
35) Caprolactam	8.510	113	105688	24.174	ng	99
36) 4-Chloro-3-methylphenol	8.622	107	630357	43.858	ng	99
37) 2-Methylnaphthalene	8.786	142	1191395	36.335	ng	100
38) 1-Methylnaphthalene	8.886	142	1229759	38.517	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	632493	43.651	ng	99
41) Hexachlorocyclopentadiene	8.945	237	628788	73.323	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	417249	45.345	ng	98

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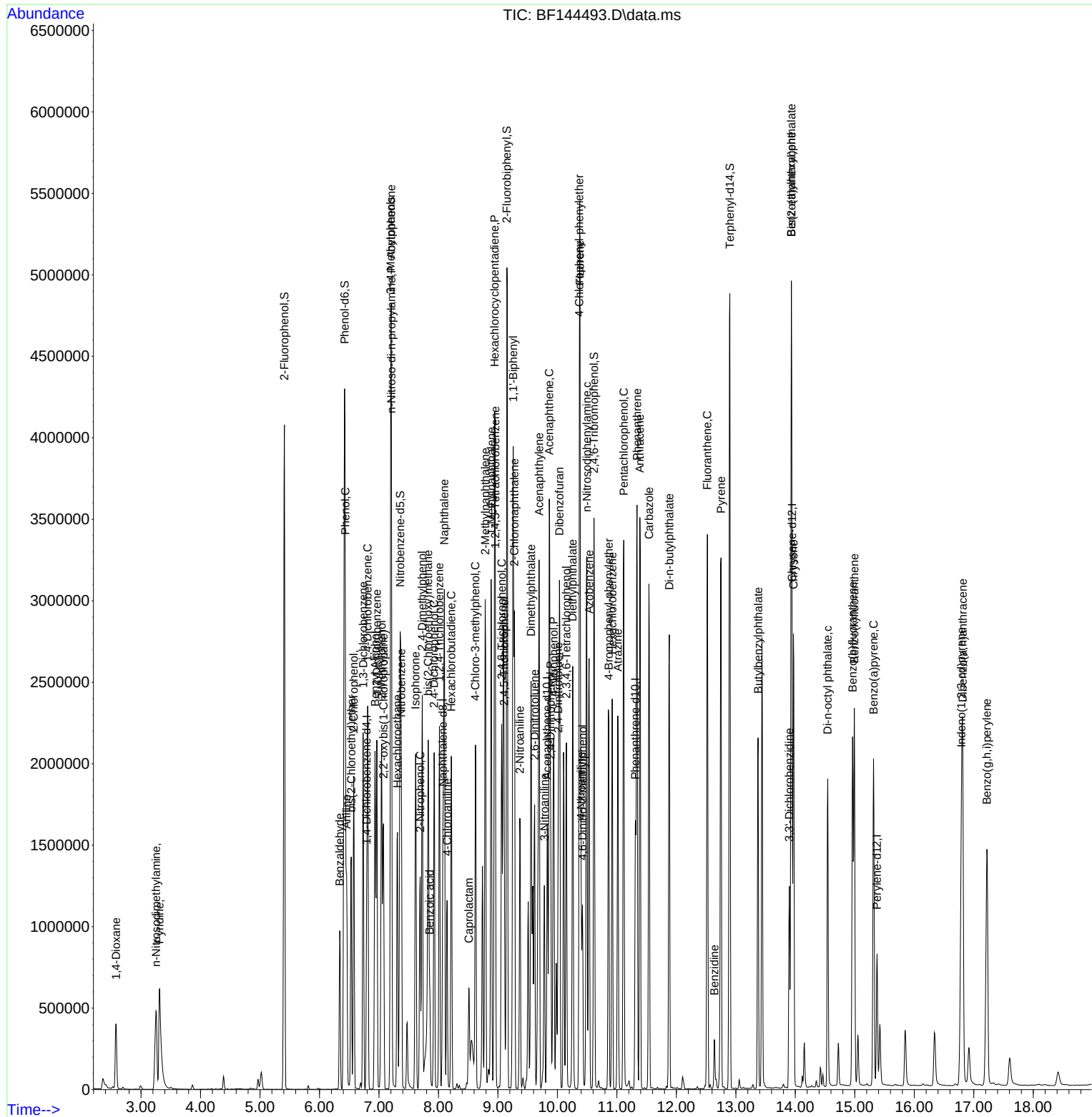
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	430322	44.557	ng	98
46) 1,1'-Biphenyl	9.257	154	1733530	43.569	ng	100
47) 2-Chloronaphthalene	9.275	162	1203527	39.623	ng	99
48) 2-Nitroaniline	9.369	65	395402	45.582	ng	98
49) Acenaphthylene	9.692	152	1959654	40.721	ng	100
50) Dimethylphthalate	9.557	163	1440566	41.888	ng	100
51) 2,6-Dinitrotoluene	9.616	165	323679	51.085	ng	97
52) Acenaphthene	9.863	154	1330220	44.333	ng	100
53) 3-Nitroaniline	9.780	138	268207	35.617	ng	98
54) 2,4-Dinitrophenol	9.886	184	315690	100.569	ng	# 42
55) Dibenzofuran	10.033	168	1717091	40.219	ng	100
56) 4-Nitrophenol	9.939	139	559953	95.610	ng	97
57) 2,4-Dinitrotoluene	10.016	165	428849	49.670	ng	95
58) Fluorene	10.380	166	1286897	39.807	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	370965	50.601	ng	99
60) Diethylphthalate	10.257	149	1380991	42.369	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	631104	39.788	ng	98
62) 4-Nitroaniline	10.398	138	334877	44.251	ng	99
63) Azobenzene	10.533	77	1403256	40.736	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	212797	54.802	ng	99
66) n-Nitrosodiphenylamine	10.492	169	1197497	41.882	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	414841	42.591	ng	98
68) Hexachlorobenzene	10.922	284	454676	42.287	ng	98
69) Atrazine	11.016	200	400255	44.692	ng	100
70) Pentachlorophenol	11.116	266	559860	91.287	ng	99
71) Phenanthrene	11.339	178	1931225	40.151	ng	99
72) Anthracene	11.386	178	1936829	39.785	ng	100
73) Carbazole	11.539	167	1766273	41.792	ng	100
74) Di-n-butylphthalate	11.880	149	2029095	44.914	ng	100
75) Fluoranthene	12.521	202	1932280	40.682	ng	99
77) Benzidine	12.639	184	161227	9.016	ng	99
78) Pyrene	12.751	202	1933438	42.021	ng	99
80) Butylbenzylphthalate	13.374	149	684787	45.184	ng	97
81) Benzo(a)anthracene	13.933	228	1425132	40.297	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	352960	35.221	ng	98
83) Chrysene	13.968	228	1361853	42.076	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	786293	44.602	ng	100
85) Di-n-octyl phthalate	14.545	149	1247467	46.035	ng	98
87) Indeno(1,2,3-cd)pyrene	16.792	276	1610477	50.512	ng	99
88) Benzo(b)fluoranthene	14.962	252	1437091	49.282	ng	100
89) Benzo(k)fluoranthene	14.992	252	1106646	40.136	ng	99
90) Benzo(a)pyrene	15.315	252	1200353	47.093	ng	100
91) Dibenzo(a,h)anthracene	16.815	278	1313278	51.004	ng	100
92) Benzo(g,h,i)perylene	17.221	276	1347604	51.473	ng	99

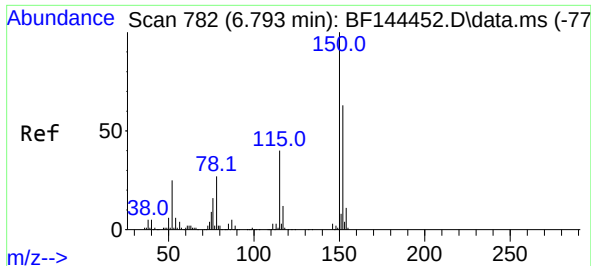
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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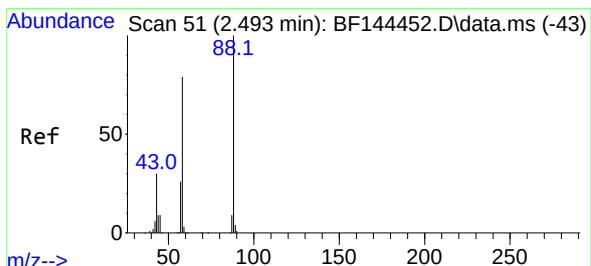
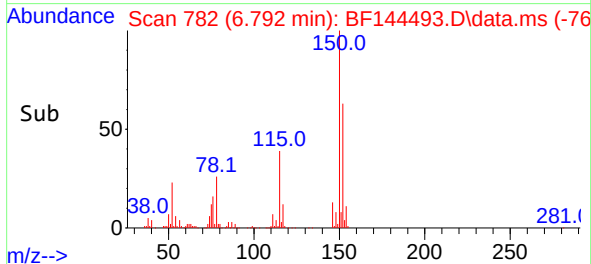
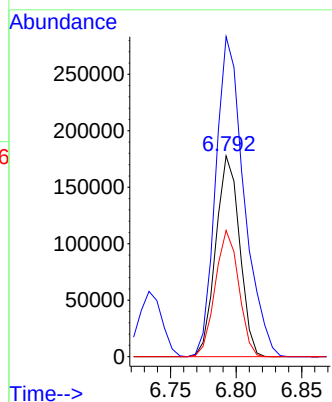
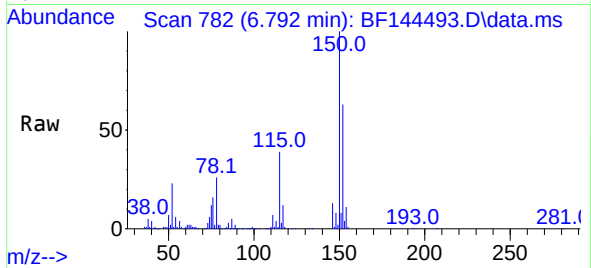




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF144493.D
 Acq: 16 Dec 2025 14:14

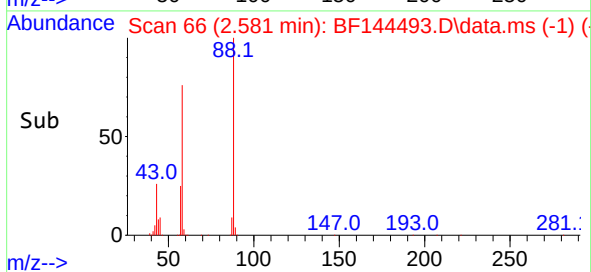
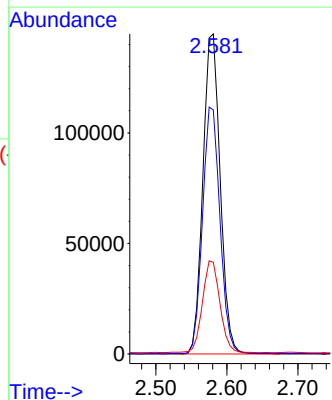
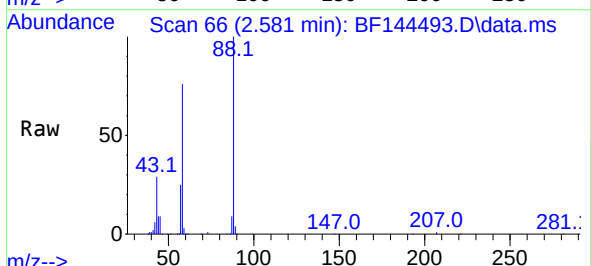
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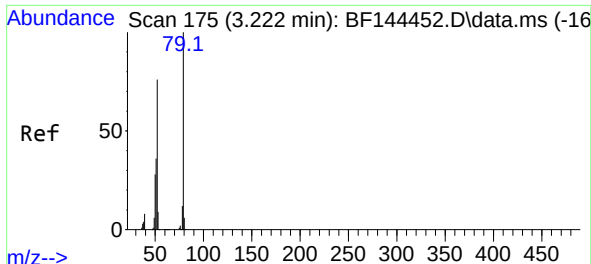
Tgt Ion:152 Resp: 224158
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.4 191.2
 115 62.9 51.4 77.0



#2
 1,4-Dioxane
 Concen: 34.408 ng
 RT: 2.581 min Scan# 66
 Delta R.T. 0.088 min
 Lab File: BF144493.D
 Acq: 16 Dec 2025 14:14

Tgt Ion: 88 Resp: 245973
 Ion Ratio Lower Upper
 88 100
 58 78.0 63.9 95.9
 43 29.0 24.2 36.4

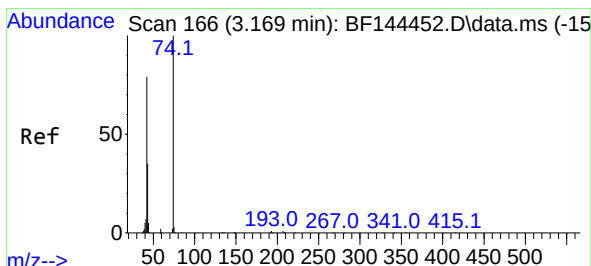
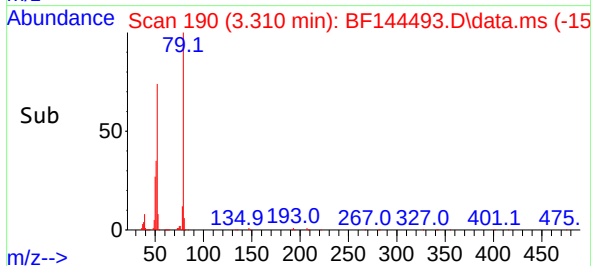
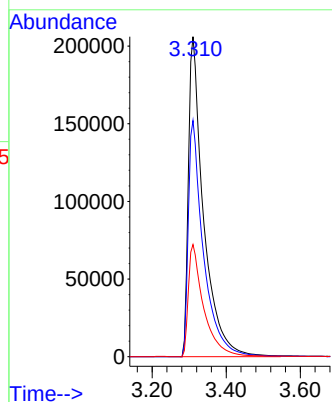
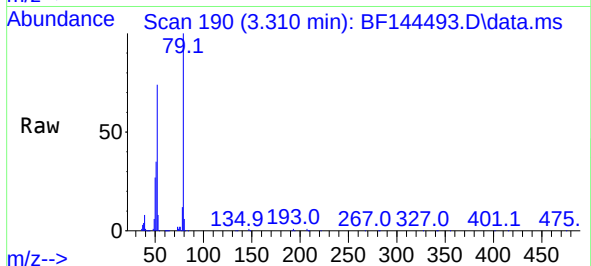




#3
Pyridine
Concen: 29.743 ng
RT: 3.310 min Scan# 14
Delta R.T. 0.088 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

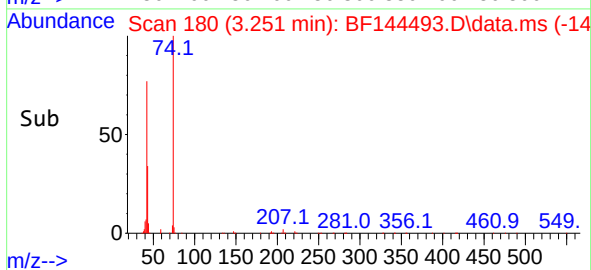
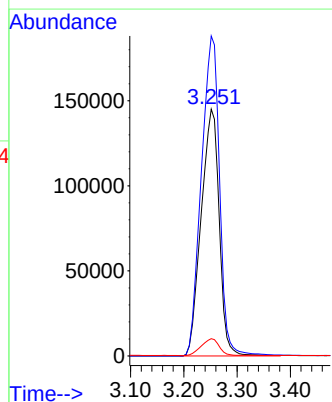
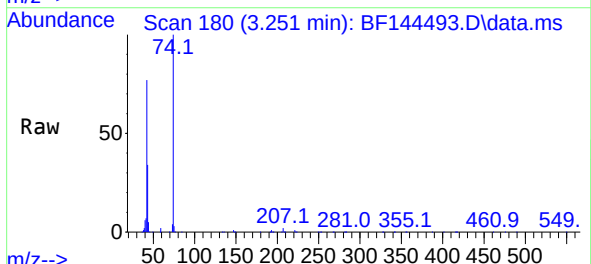
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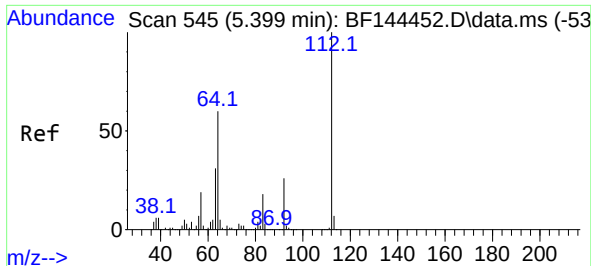
Tgt Ion: 79 Resp: 584662
Ion Ratio Lower Upper
79 100
52 73.8 60.5 90.7
51 35.0 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 40.006 ng
RT: 3.251 min Scan# 180
Delta R.T. 0.082 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion: 42 Resp: 341760
Ion Ratio Lower Upper
42 100
74 129.6 101.8 152.8
44 7.0 5.7 8.5

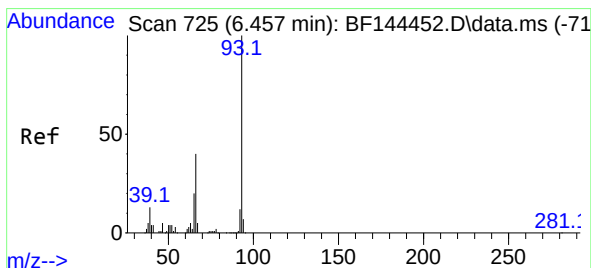
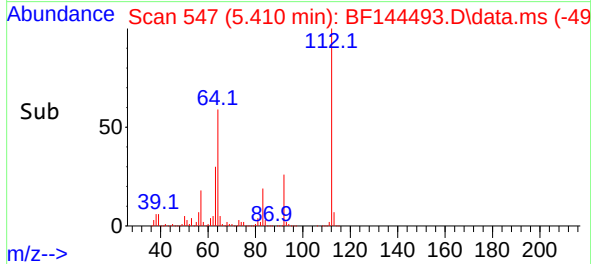
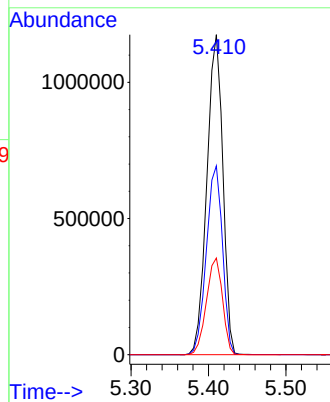
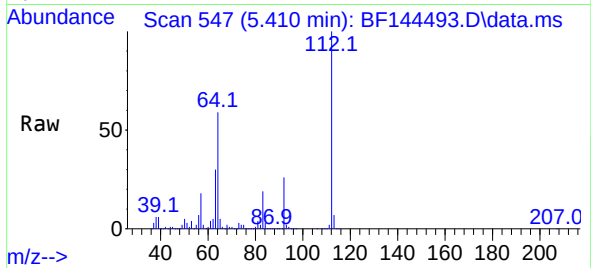




#5
2-Fluorophenol
Concen: 113.078 ng
RT: 5.410 min Scan# 545
Delta R.T. 0.012 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

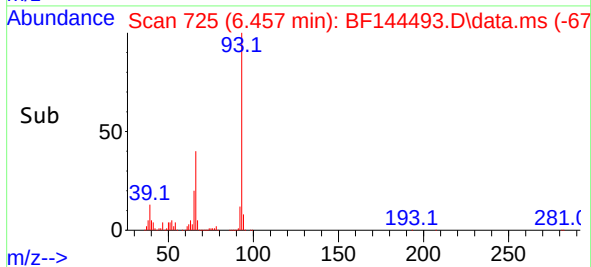
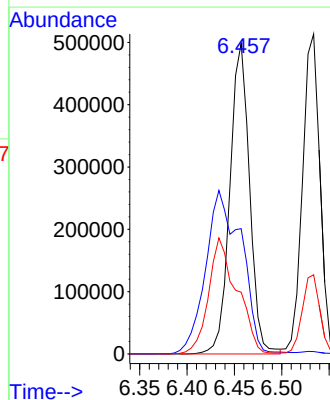
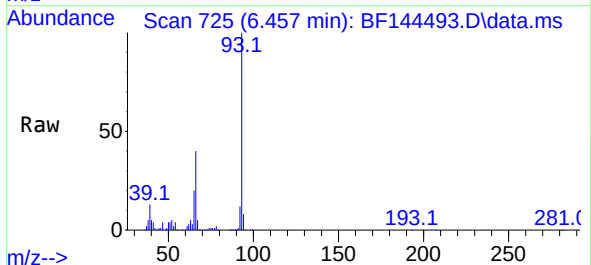
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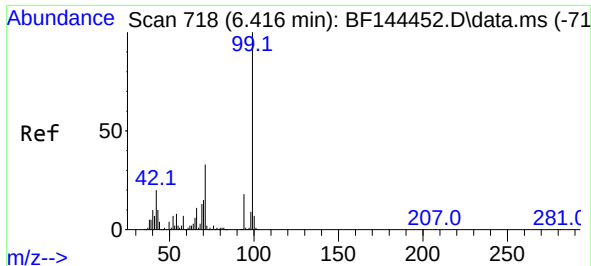
Tgt Ion:112 Resp: 1681065
Ion Ratio Lower Upper
112 100
64 59.0 47.8 71.6
63 30.2 24.6 37.0



#6
Aniline
Concen: 27.832 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion: 93 Resp: 719923
Ion Ratio Lower Upper
93 100
66 40.3 32.4 48.6
65 19.9 16.1 24.1

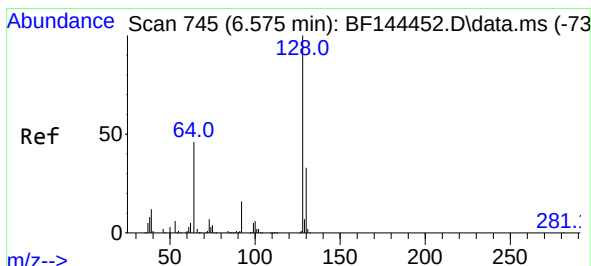
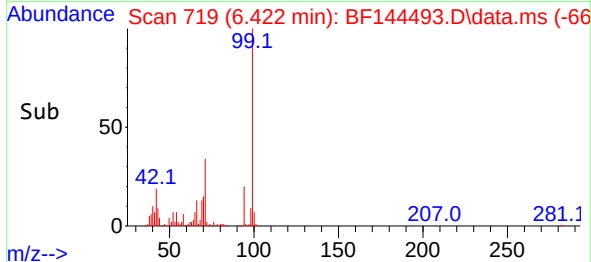
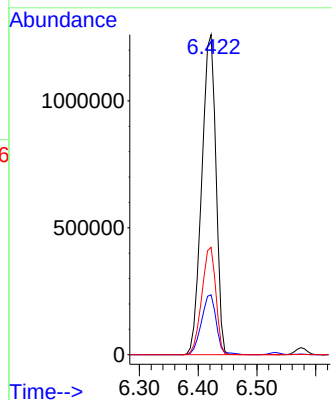
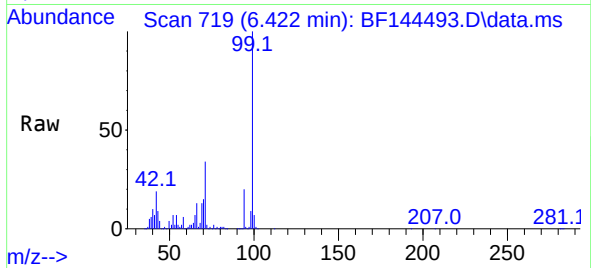




#7
Phenol-d6
Concen: 114.291 ng
RT: 6.422 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

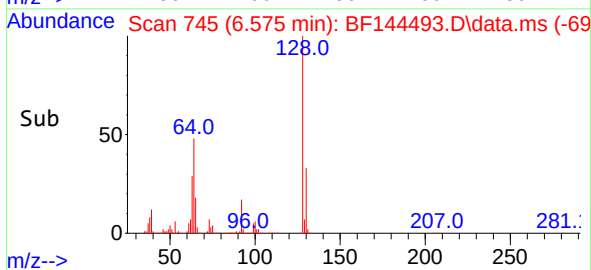
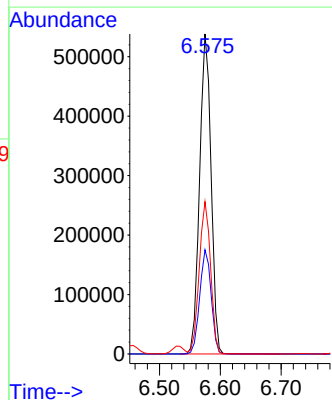
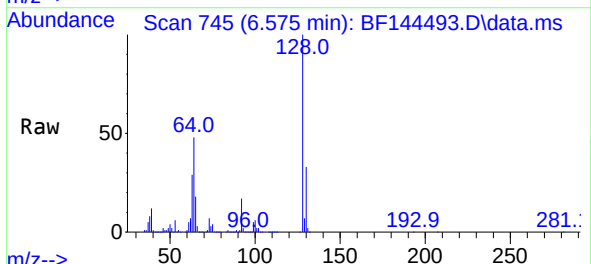
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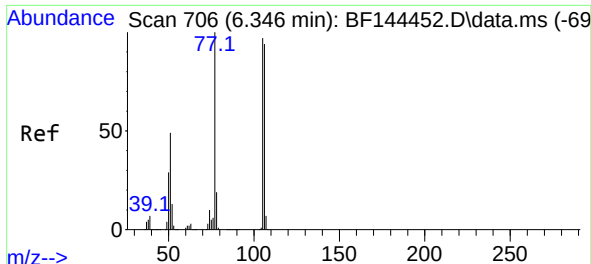
Tgt Ion: 99 Resp: 2119323
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 33.5 26.4 39.6



#8
2-Chlorophenol
Concen: 44.072 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:128 Resp: 702453
Ion Ratio Lower Upper
128 100
130 32.6 13.0 53.0
64 47.6 28.9 68.9

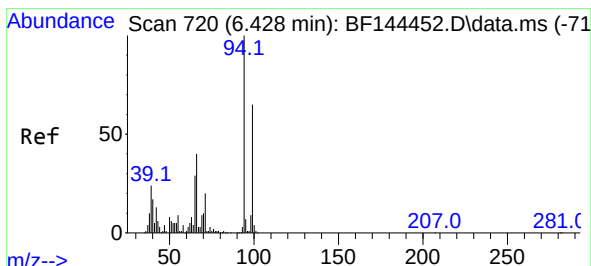
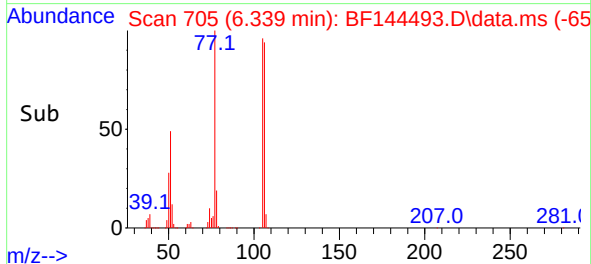
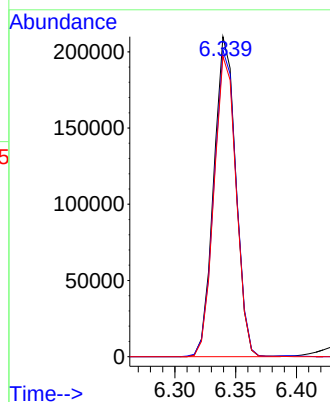
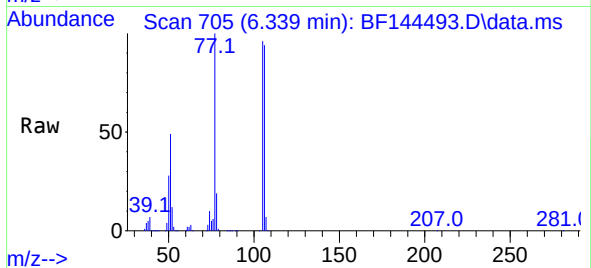




#9
Benzaldehyde
Concen: 18.123 ng
RT: 6.339 min Scan# 705
Delta R.T. -0.006 min
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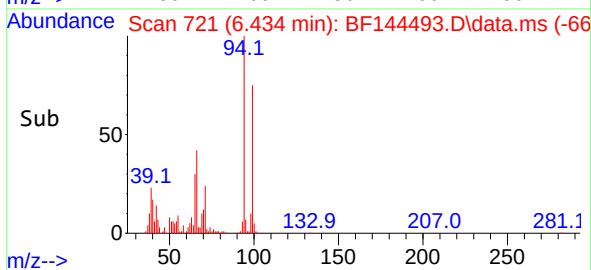
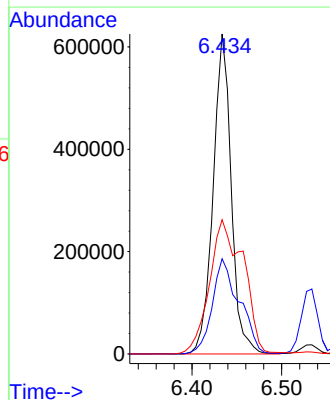
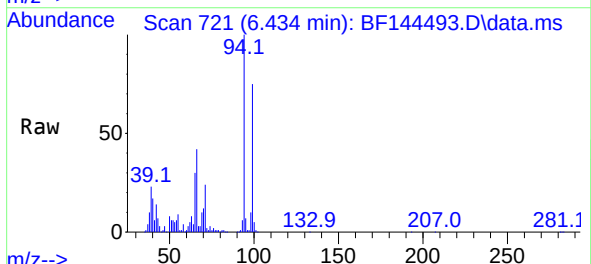
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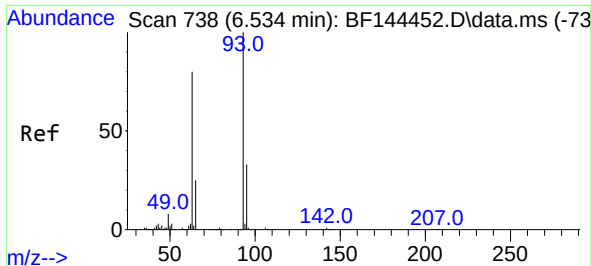
Tgt Ion: 77 Resp: 263085
Ion Ratio Lower Upper
77 100
105 95.8 77.0 117.0
106 93.9 74.1 114.1



#10
Phenol
Concen: 40.085 ng
RT: 6.434 min Scan# 721
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 877273
Ion Ratio Lower Upper
94 100
65 29.8 9.1 49.1
66 42.0 20.3 60.3

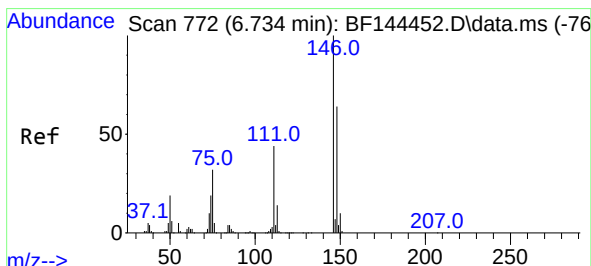
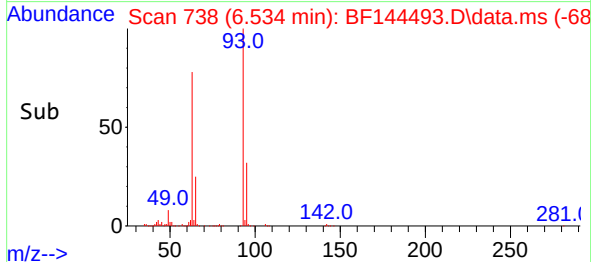
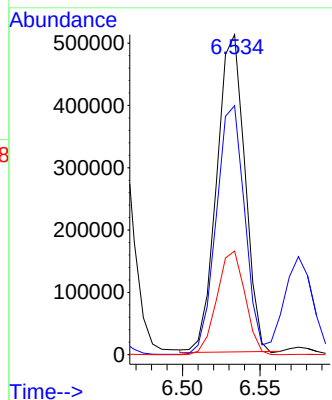
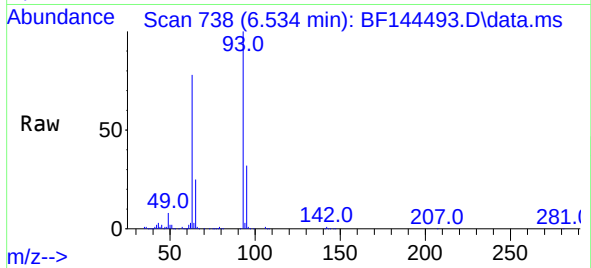




#11
bis(2-Chloroethyl)ether
Concen: 40.132 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

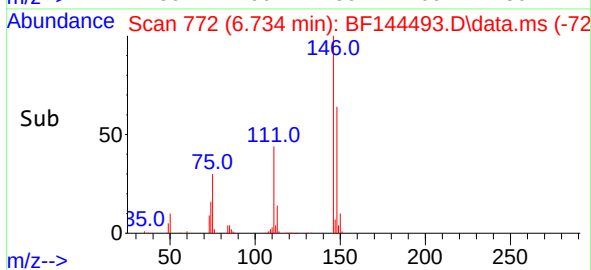
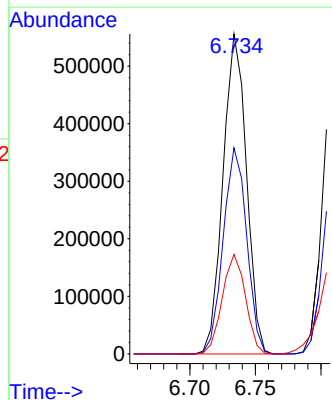
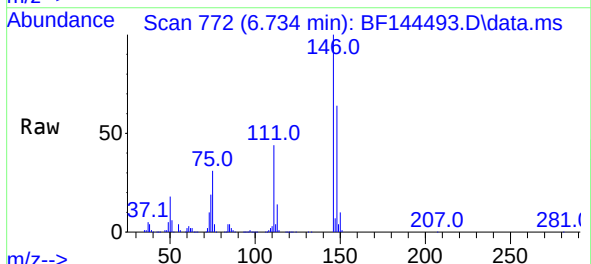
Instrument :
BNA_F
ClientSampleId :
PB170956BS

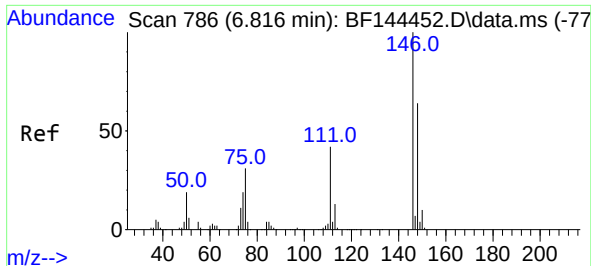
Tgt Ion: 93 Resp: 641976
Ion Ratio Lower Upper
93 100
63 77.8 59.8 99.8
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 40.017 ng
RT: 6.734 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion: 146 Resp: 689123
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
75 31.1 25.8 38.8

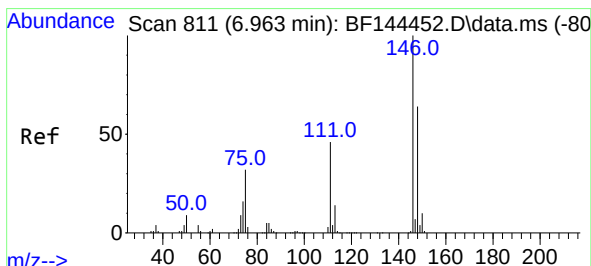
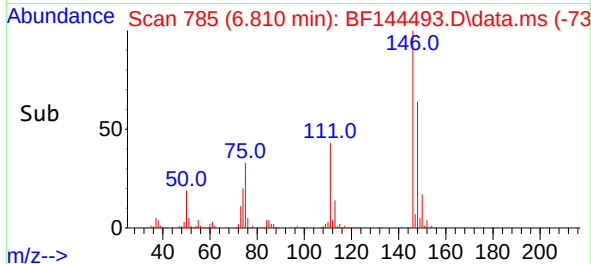
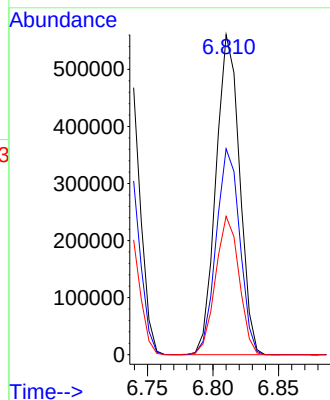
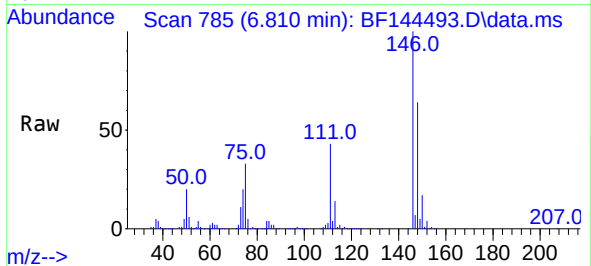




#13
1,4-Dichlorobenzene
Concen: 40.645 ng
RT: 6.810 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

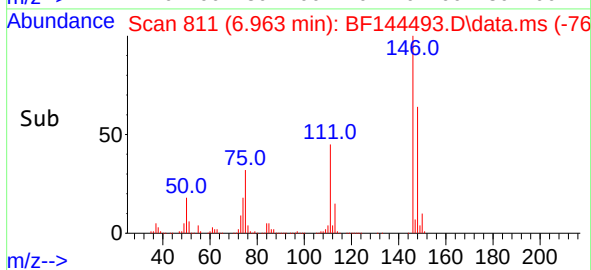
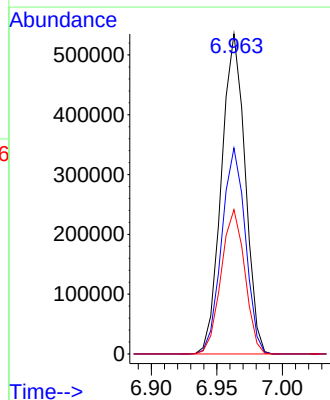
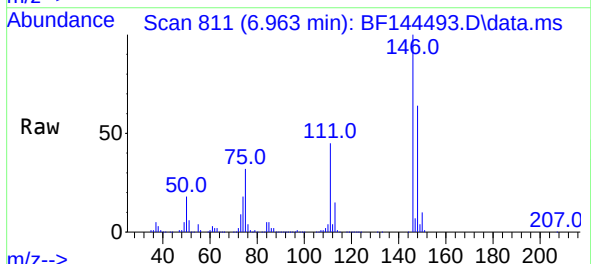
Instrument :
BNA_F
ClientSampleId :
PB170956BS

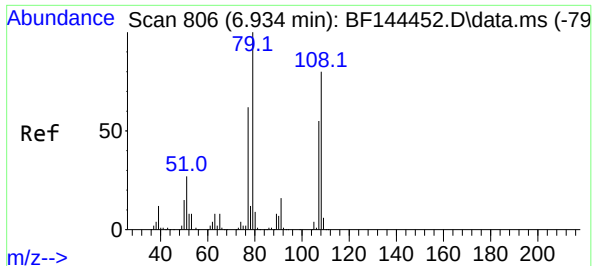
Tgt Ion:146 Resp: 702277
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 43.3 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 40.975 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:146 Resp: 672345
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 45.1 36.5 54.7

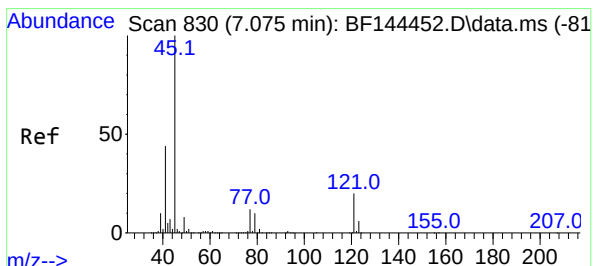
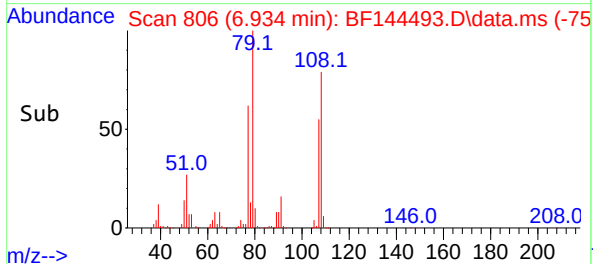
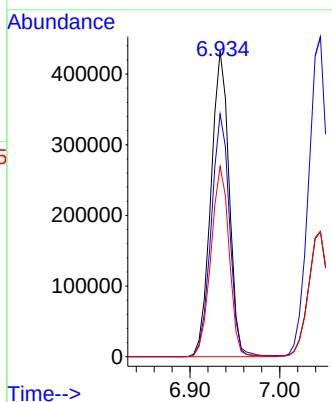
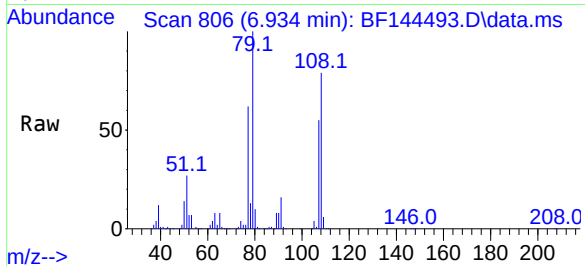




#15
Benzyl Alcohol
Concen: 44.449 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

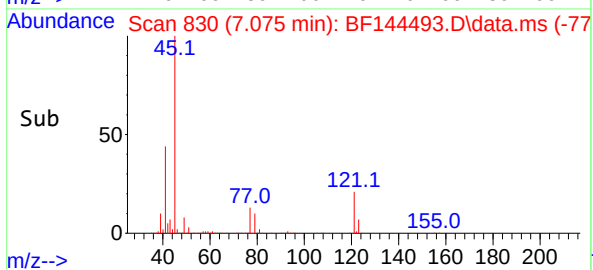
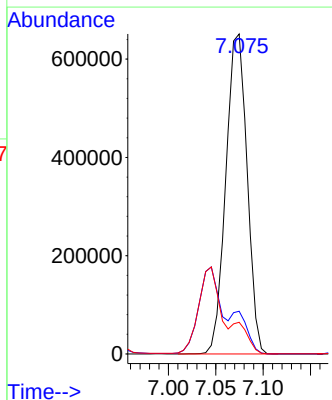
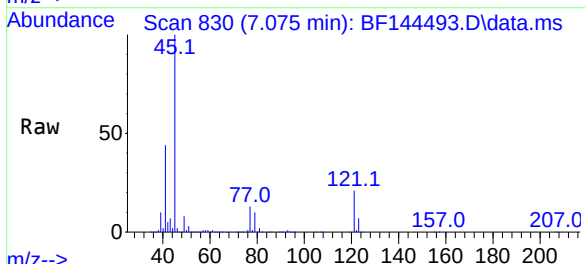
Instrument :
BNA_F
ClientSampleId :
PB170956BS

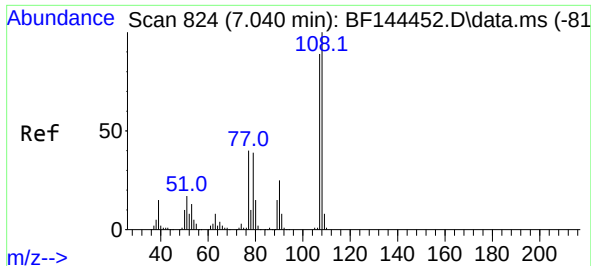
Tgt Ion: 79 Resp: 607507
Ion Ratio Lower Upper
79 100
108 79.4 63.7 95.5
77 62.3 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.658 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion: 45 Resp: 1016609
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.6
79 9.9 0.0 29.9



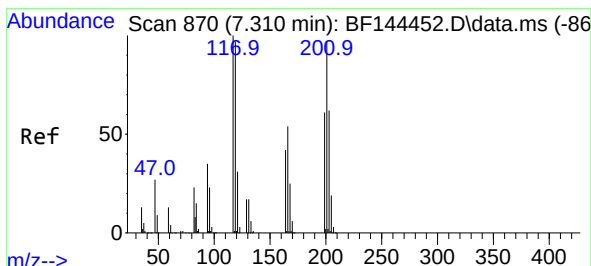
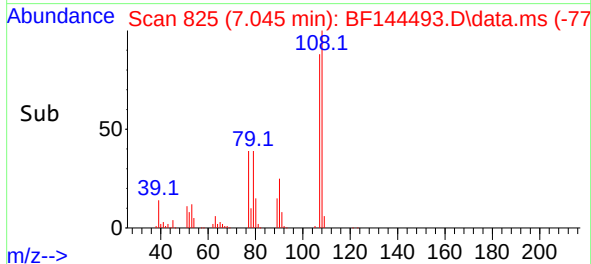
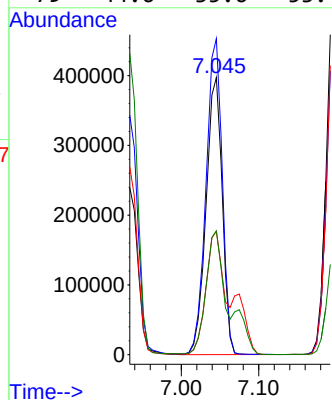
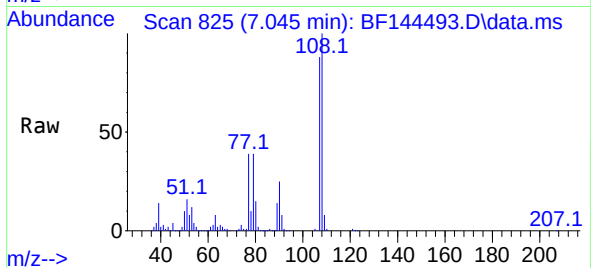


#17
2-Methylphenol
Concen: 42.818 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB170956BS

Tgt Ion:107 Resp: 575278

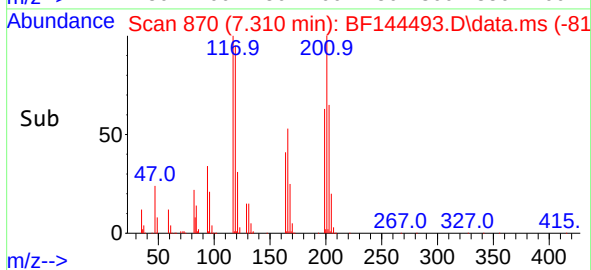
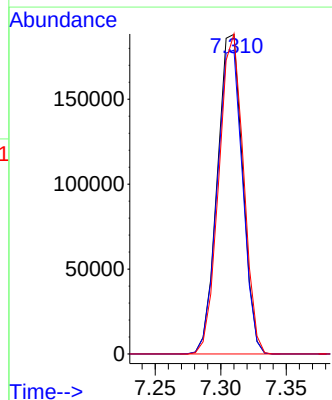
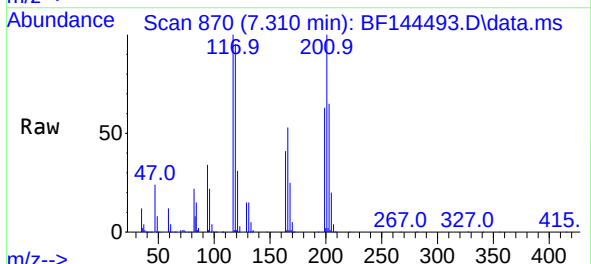
Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.9	134.9
77	44.6	35.7	53.5
79	44.6	35.6	53.4

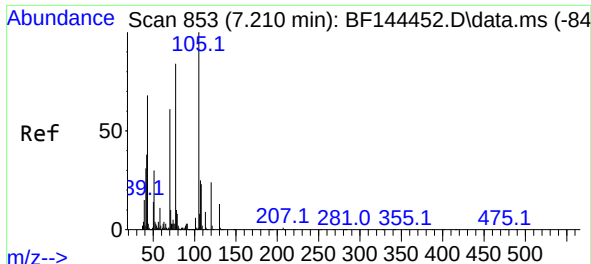


#18
Hexachloroethane
Concen: 41.930 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:117 Resp: 251727

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.5	116.3
201	100.1	77.3	115.9



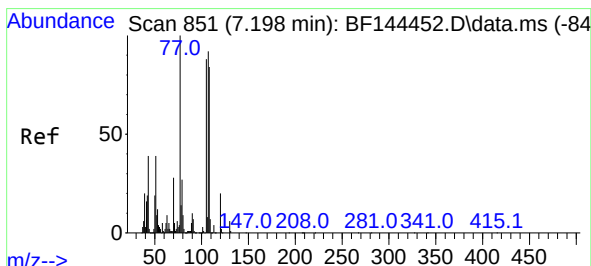
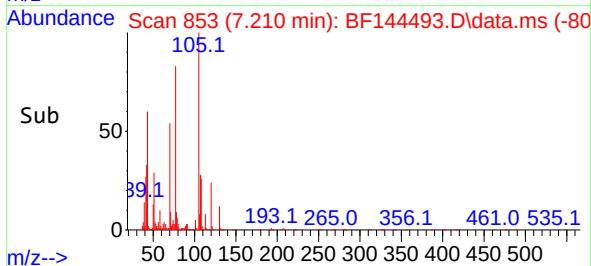
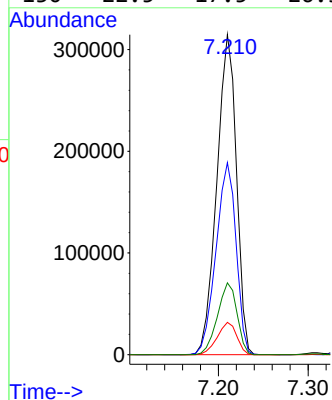
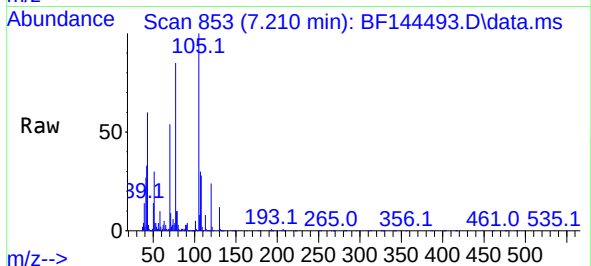


#19
n-Nitroso-di-n-propylamine
Concen: 40.770 ng
RT: 7.210 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB170956BS

Tgt Ion: 70 Resp: 477546

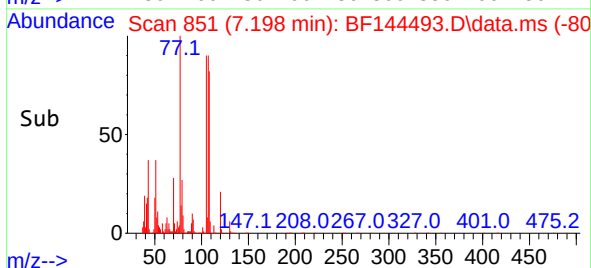
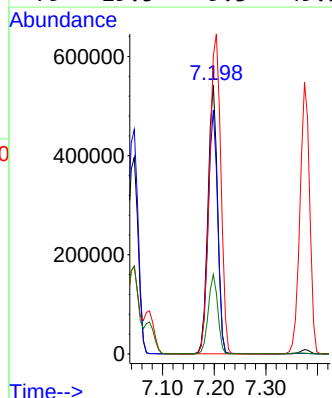
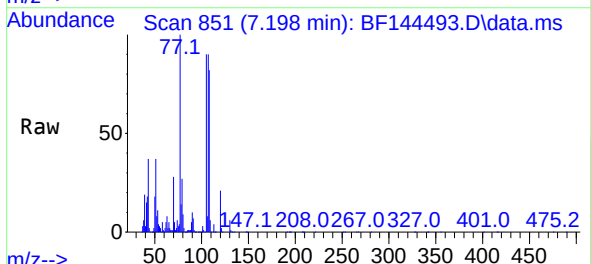
Ion	Ratio	Lower	Upper
70	100		
42	60.0	49.4	74.0
101	10.1	7.8	11.6
130	22.5	17.5	26.3

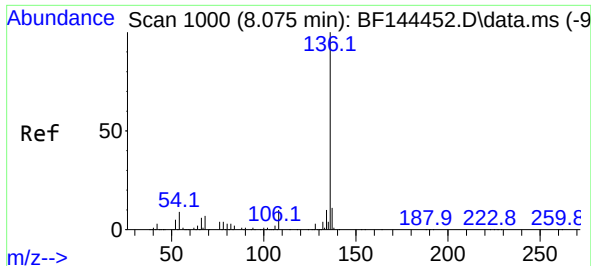


#20
3+4-Methylphenols
Concen: 42.429 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion: 107 Resp: 700430

Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.5	111.5
77	110.8	88.5	128.5
79	29.5	9.3	49.3



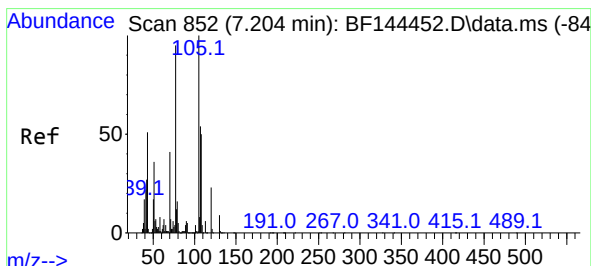
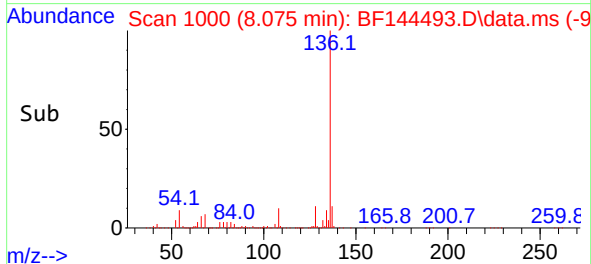
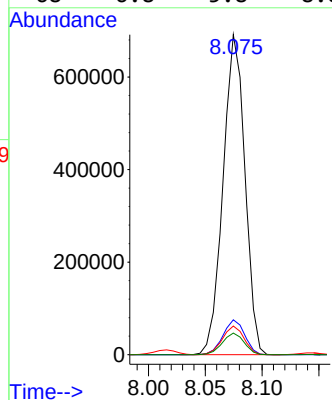
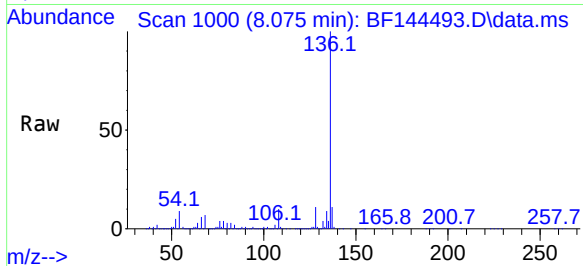


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB170956BS

Tgt Ion:136 Resp: 925967

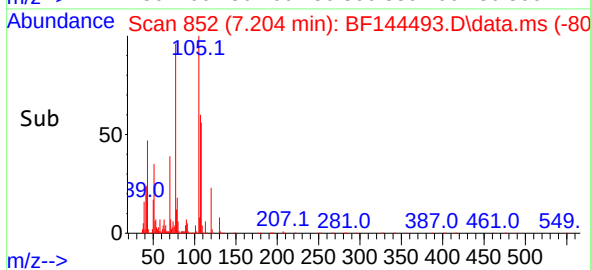
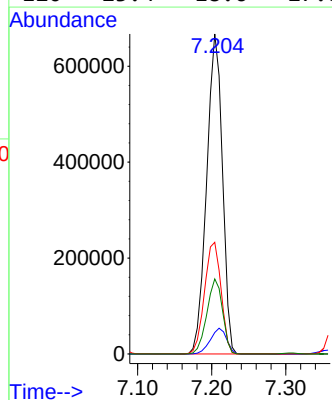
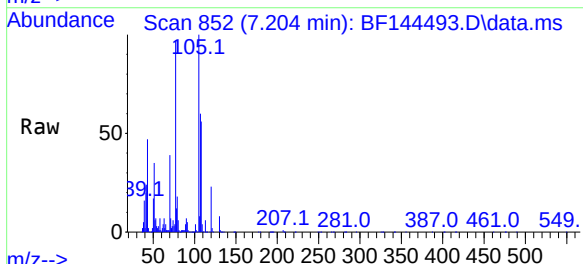
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.9	7.5	11.3
68	6.8	5.8	8.8

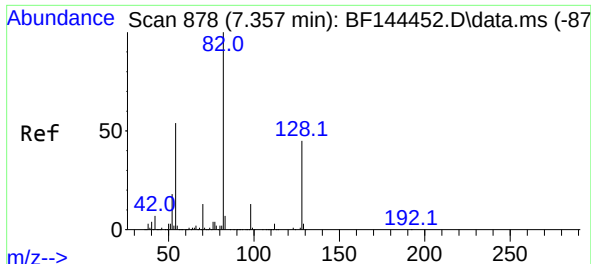


#22
Acetophenone
Concen: 42.957 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:105 Resp: 986630

Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.6	8.4
51	34.9	28.6	42.8
120	23.4	18.6	27.8

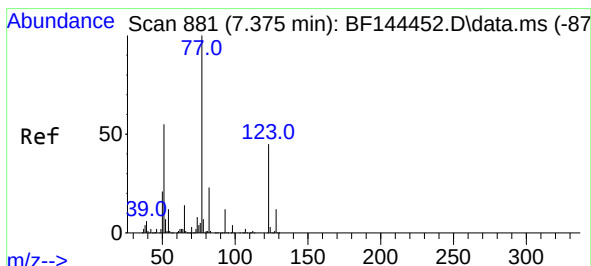
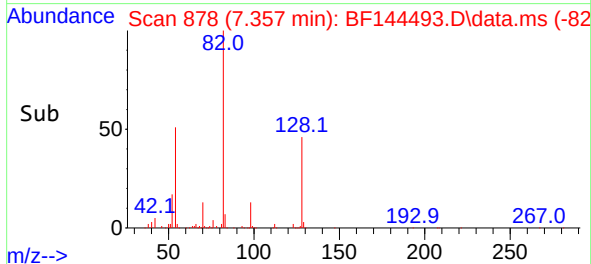
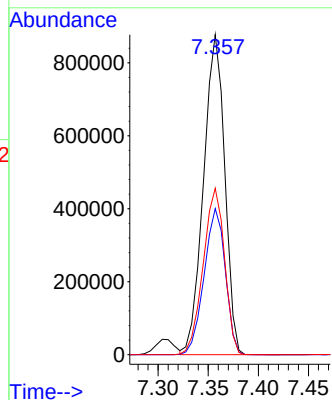
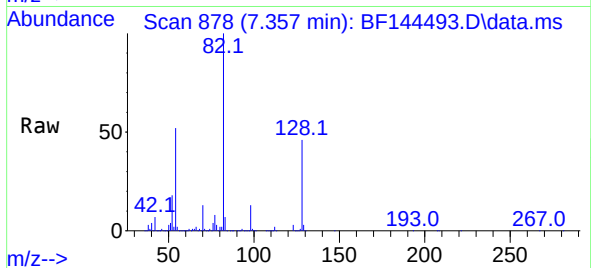




#23
Nitrobenzene-d5
Concen: 87.349 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

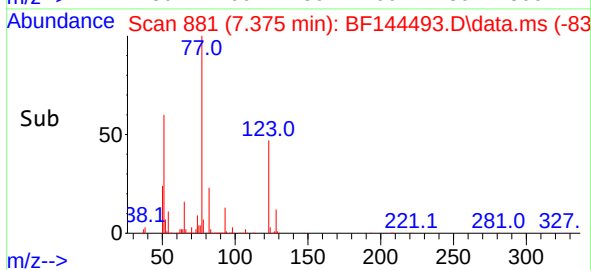
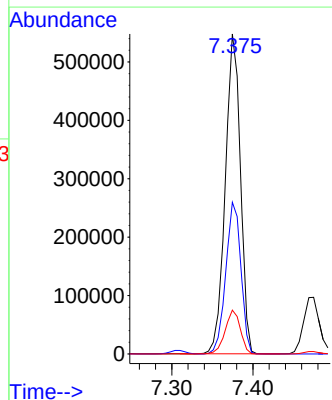
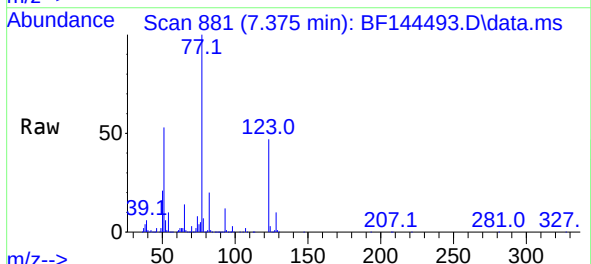
Instrument :
BNA_F
ClientSampleId :
PB170956BS

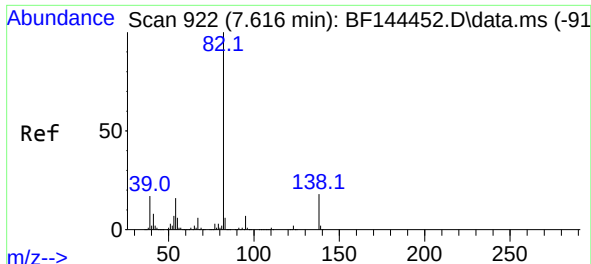
Tgt Ion: 82 Resp: 1292507
Ion Ratio Lower Upper
82 100
128 45.6 35.5 53.3
54 52.0 43.3 64.9



#24
Nitrobenzene
Concen: 44.351 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion: 77 Resp: 711936
Ion Ratio Lower Upper
77 100
123 47.4 36.2 54.2
65 13.7 11.0 16.6

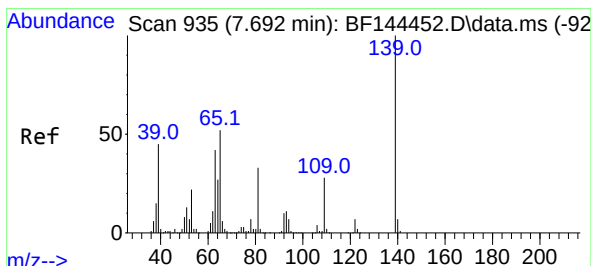
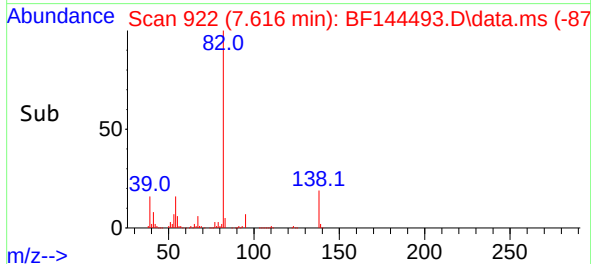
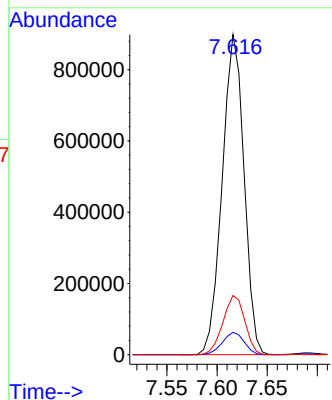
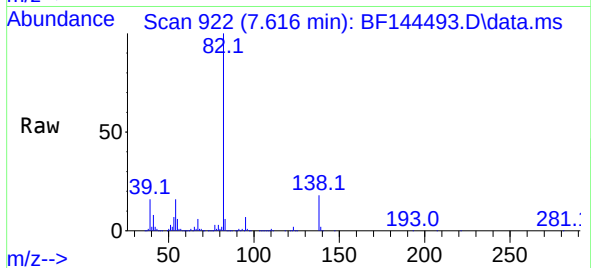




#25
Isophorone
Concen: 40.652 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

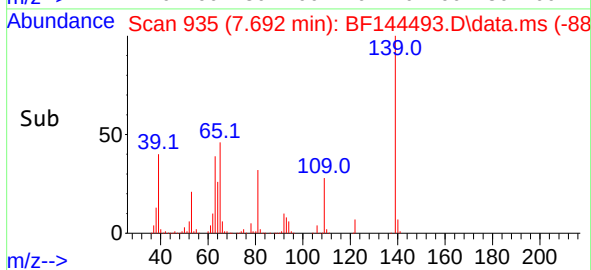
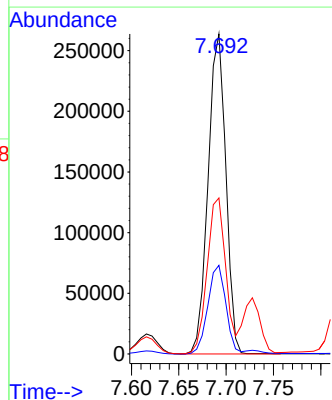
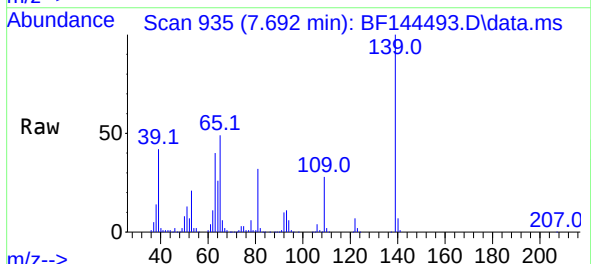
Instrument :
BNA_F
ClientSampleId :
PB170956BS

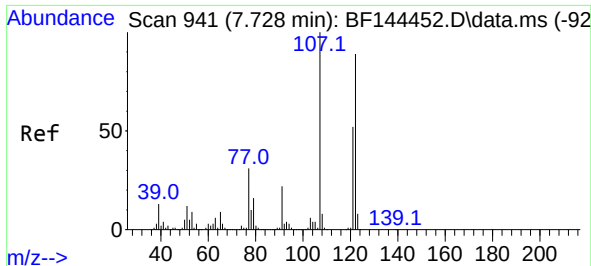
Tgt Ion: 82 Resp: 1357558
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.5 14.4 21.6



#26
2-Nitrophenol
Concen: 48.930 ng
RT: 7.692 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:139 Resp: 343165
Ion Ratio Lower Upper
139 100
109 27.7 22.1 33.1
65 48.7 41.5 62.3

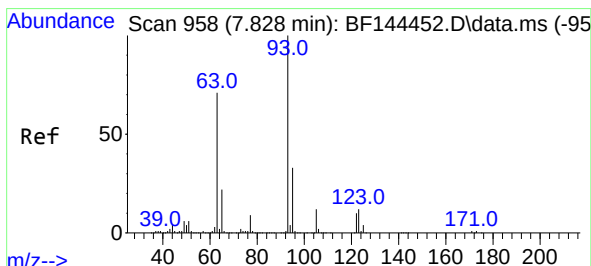
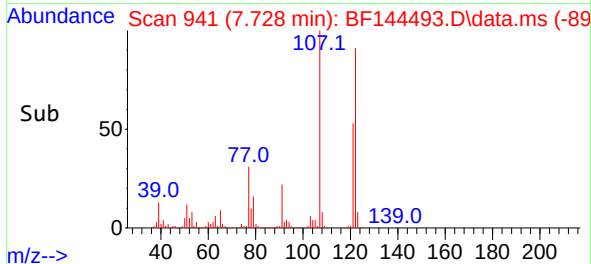
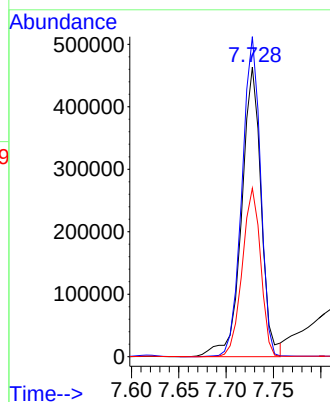
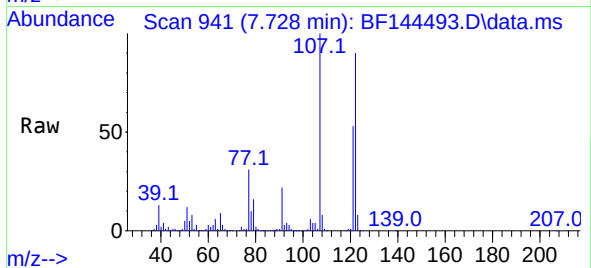




#27
2,4-Dimethylphenol
Concen: 41.791 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

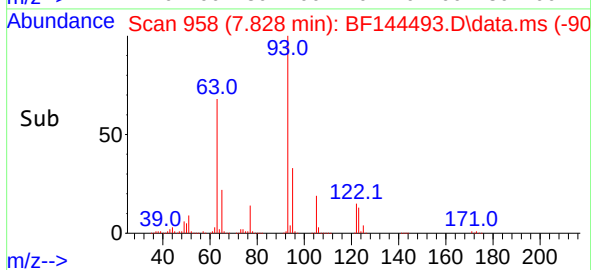
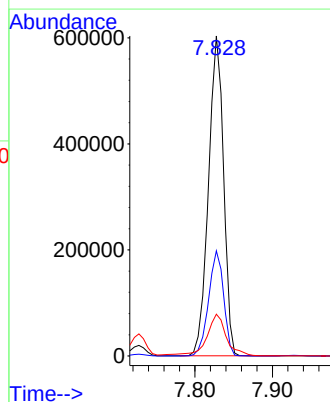
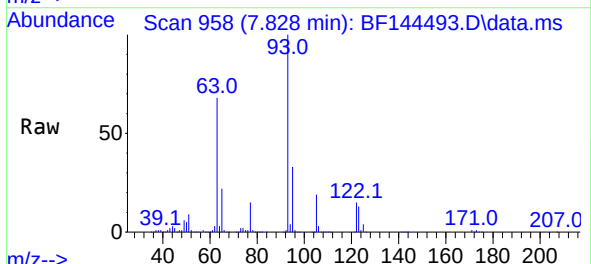
Instrument :
BNA_F
ClientSampleId :
PB170956BS

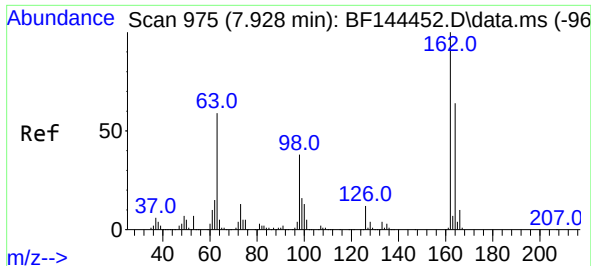
Tgt Ion:122 Resp: 665885
Ion Ratio Lower Upper
122 100
107 110.5 90.0 135.0
121 58.2 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.653 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

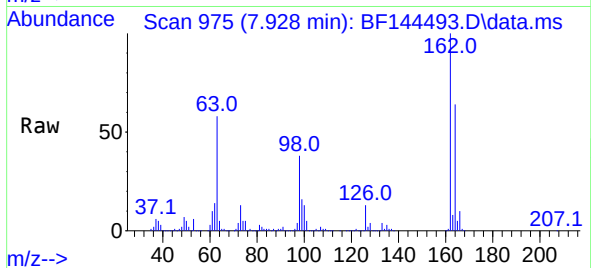
Tgt Ion: 93 Resp: 815956
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 13.0 10.2 15.4



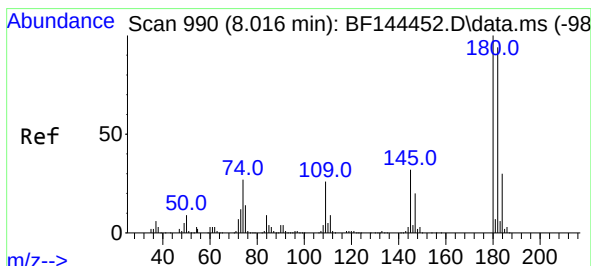
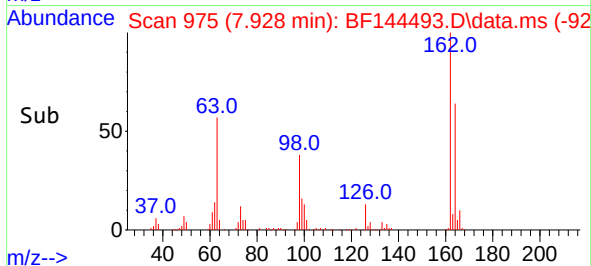
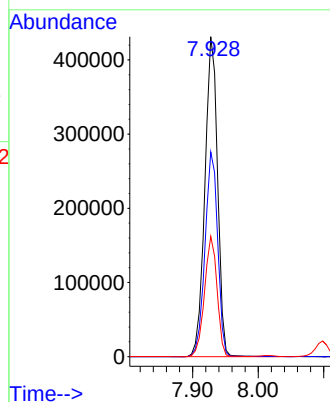


#29
2,4-Dichlorophenol
Concen: 43.949 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB170956BS

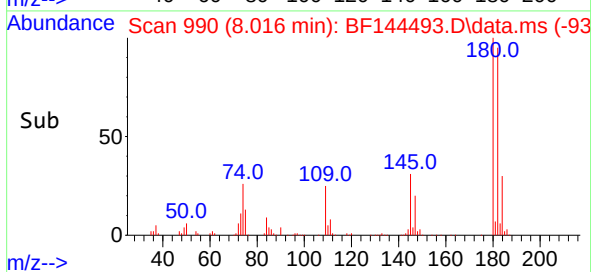
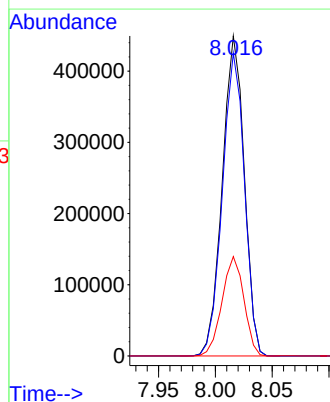
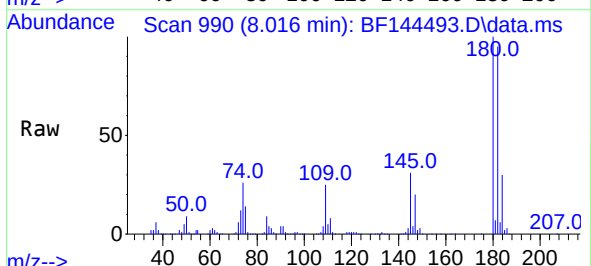


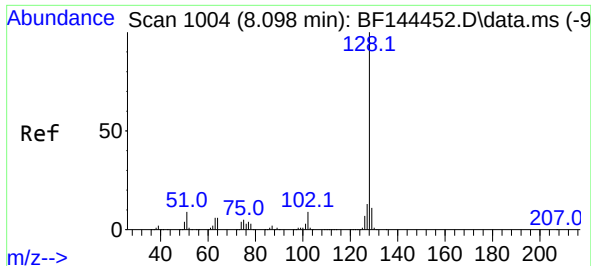
Tgt Ion:162 Resp: 581864
Ion Ratio Lower Upper
162 100
164 64.0 44.2 84.2
98 37.6 17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 42.106 ng
RT: 8.016 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

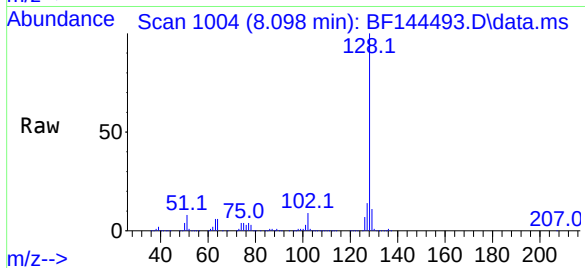
Tgt Ion:180 Resp: 604639
Ion Ratio Lower Upper
180 100
182 94.7 75.2 112.8
145 31.0 25.3 37.9



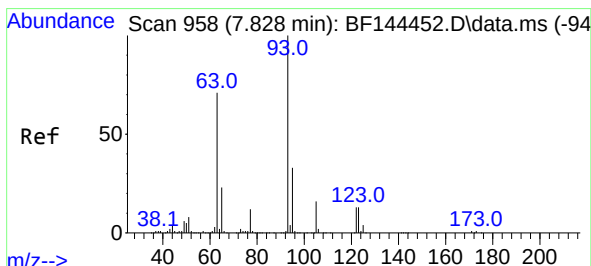
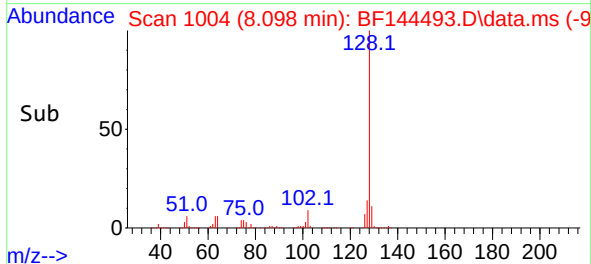
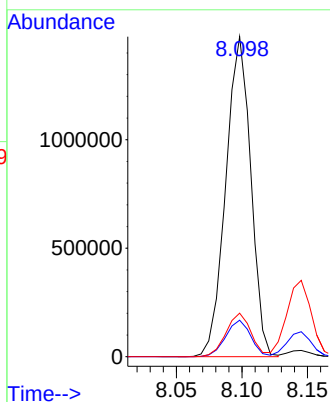


#31
Naphthalene
Concen: 39.281 ng
RT: 8.098 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB170956BS

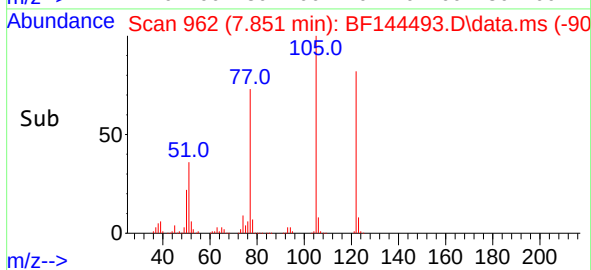
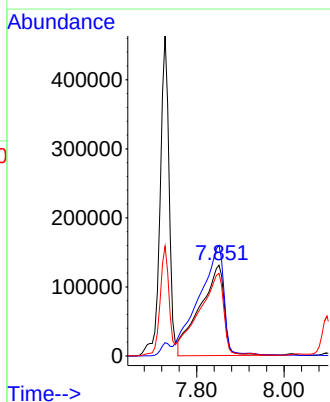
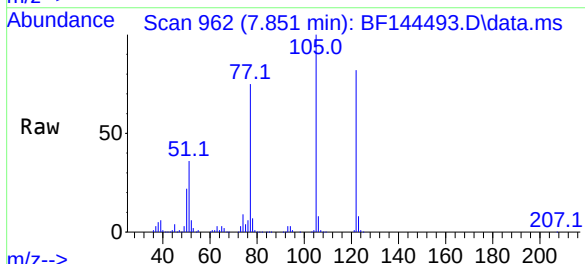


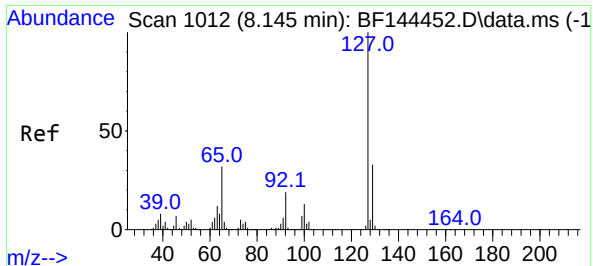
Tgt Ion:128 Resp: 1957577
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 51.924 ng
RT: 7.851 min Scan# 962
Delta R.T. 0.023 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:122 Resp: 509300
Ion Ratio Lower Upper
122 100
105 121.9 103.2 143.2
77 91.1 75.1 115.1



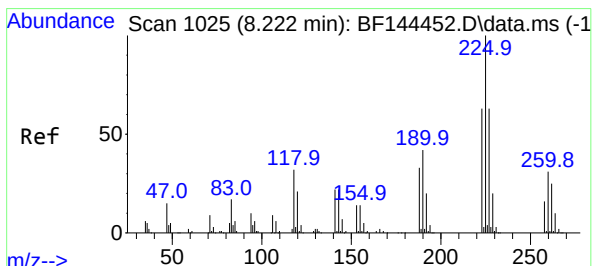
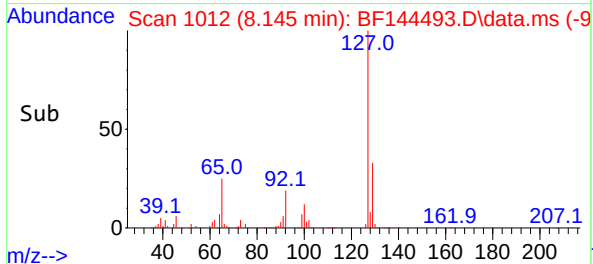
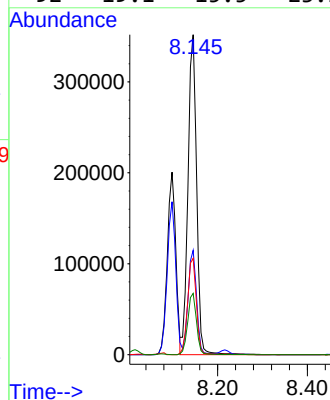
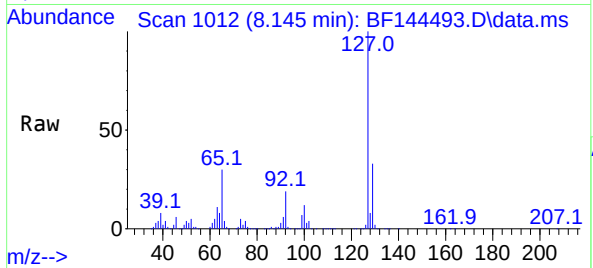


#33
4-Chloroaniline
Concen: 23.559 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB170956BS

Tgt Ion:127 Resp: 471925

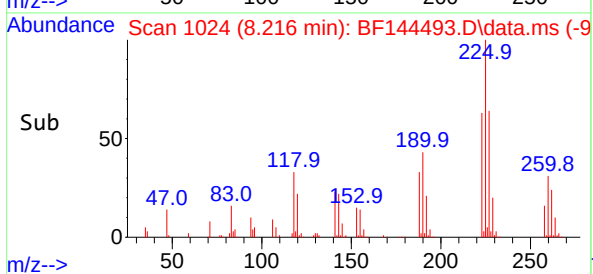
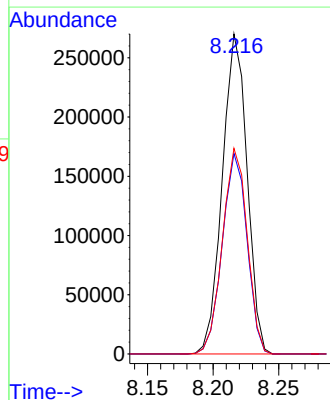
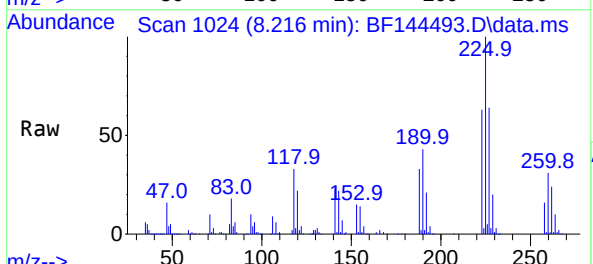
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	30.1	25.8	38.8
92	19.1	15.5	23.3

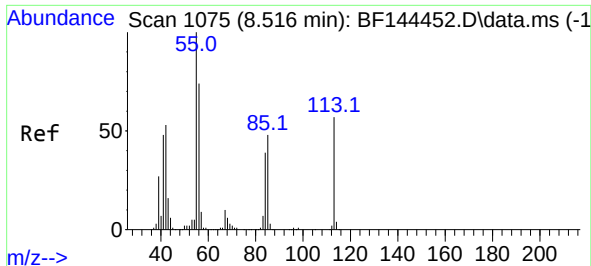


#34
Hexachlorobutadiene
Concen: 39.933 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:225 Resp: 354566

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	64.3	50.3	75.5

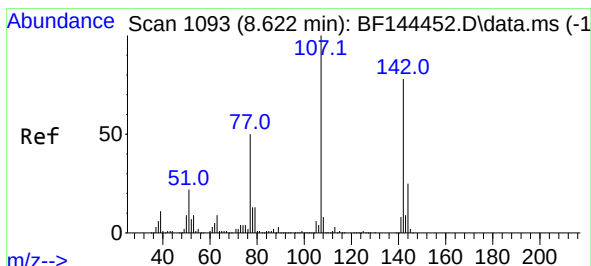
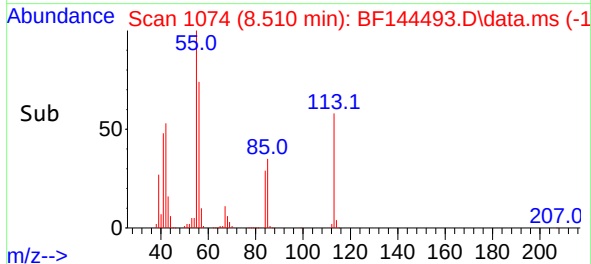
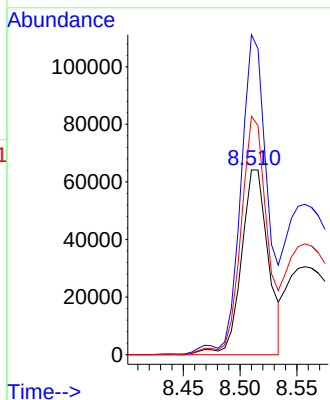
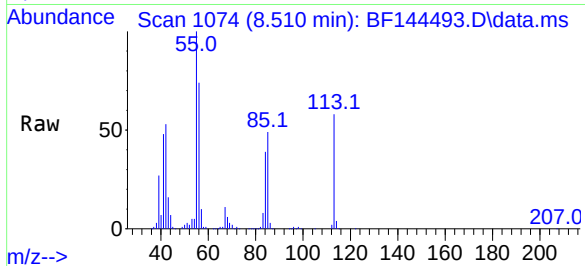




#35
 Caprolactam
 Concen: 24.174 ng
 RT: 8.510 min Scan# 1075
 Delta R.T. -0.006 min
 Lab File: BF144493.D
 Acq: 16 Dec 2025 14:14

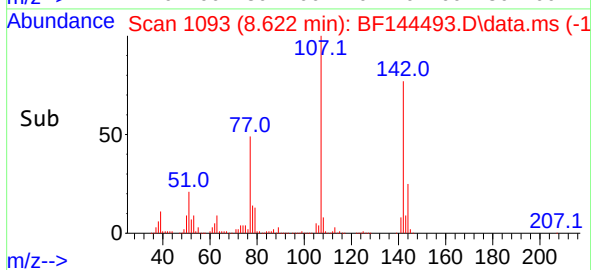
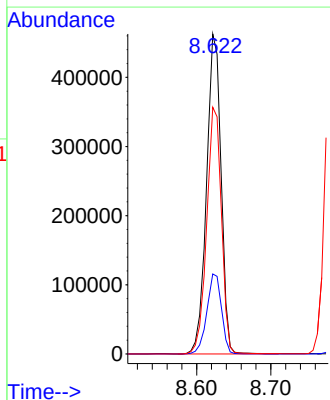
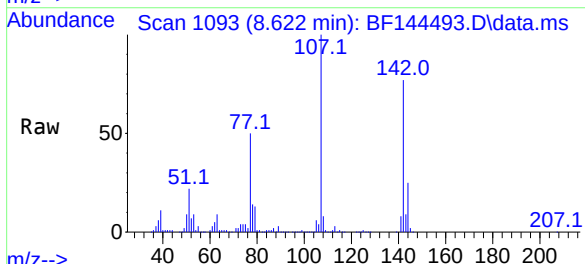
Instrument :
 BNA_F
 ClientSampleId :
 PB170956BS

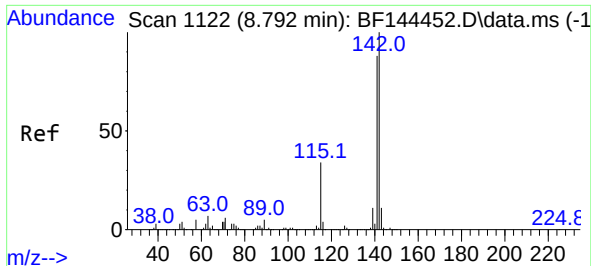
Tgt Ion:113 Resp: 105688
 Ion Ratio Lower Upper
 113 100
 55 173.1 154.5 194.5
 56 129.0 109.8 149.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.858 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF144493.D
 Acq: 16 Dec 2025 14:14

Tgt Ion:107 Resp: 630357
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.4 30.6
 142 77.1 62.4 93.6

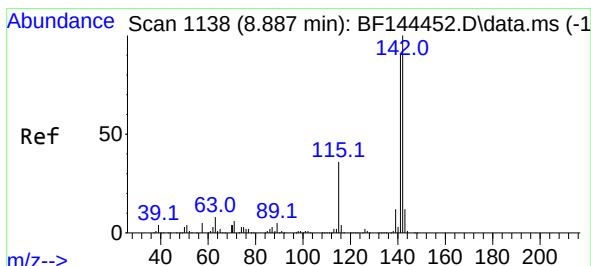
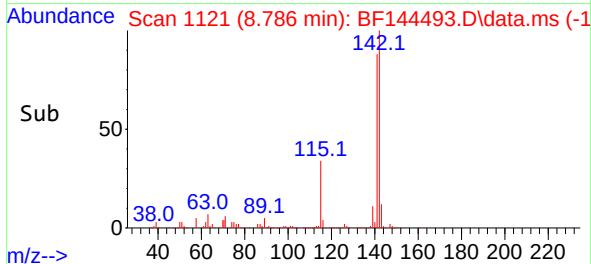
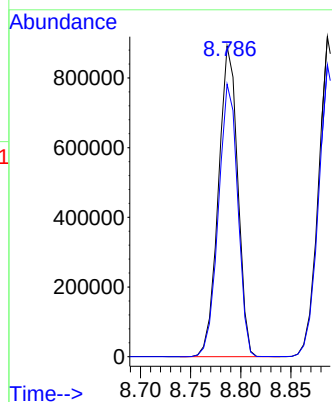
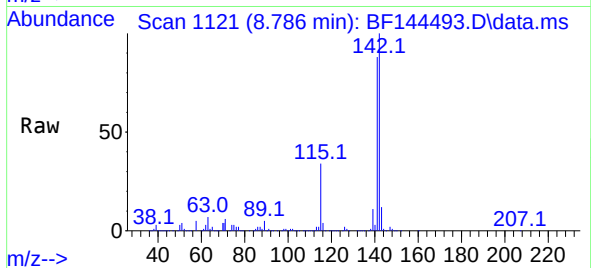




#37
2-Methylnaphthalene
Concen: 36.335 ng
RT: 8.786 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

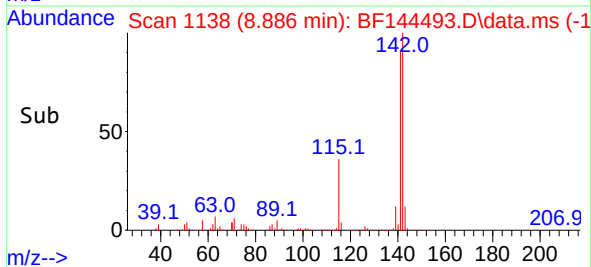
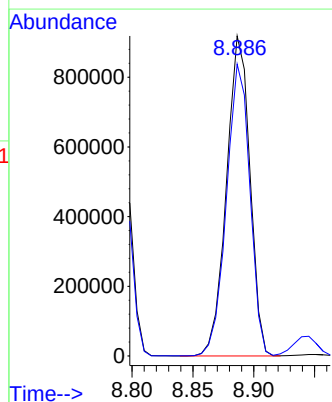
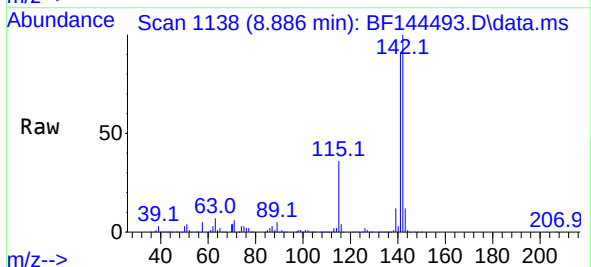
Instrument :
BNA_F
ClientSampleId :
PB170956BS

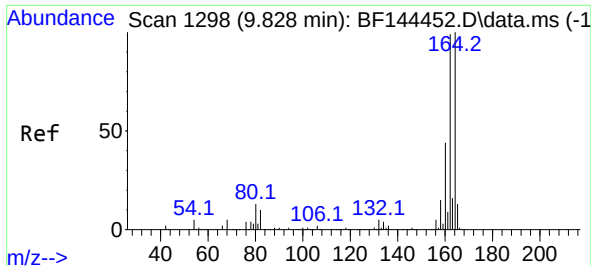
Tgt Ion:142 Resp: 1191395
Ion Ratio Lower Upper
142 100
141 87.7 70.0 105.0



#38
1-Methylnaphthalene
Concen: 38.517 ng
RT: 8.886 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

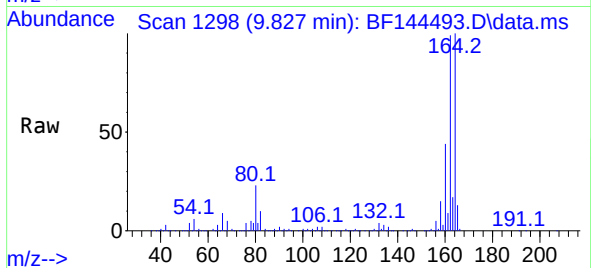
Tgt Ion:142 Resp: 1229759
Ion Ratio Lower Upper
142 100
141 91.2 72.6 109.0



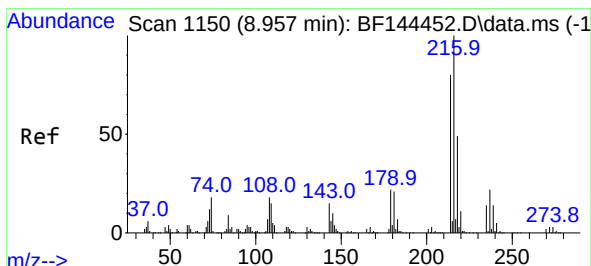
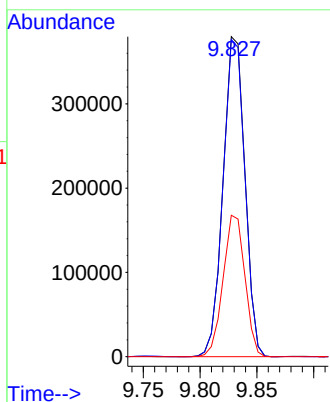
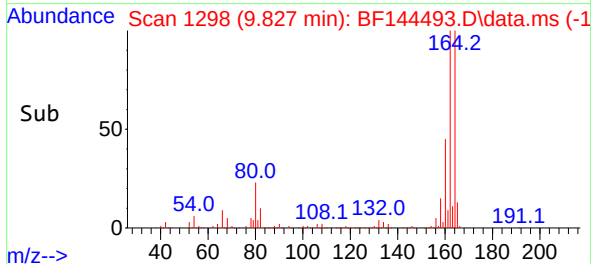


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

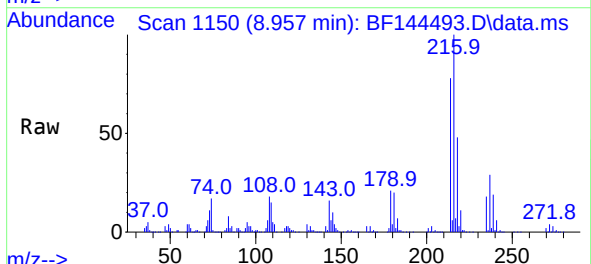
Instrument :
BNA_F
ClientSampleId :
PB170956BS



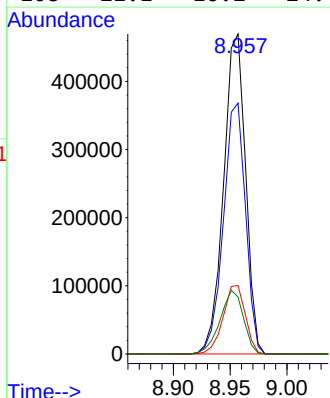
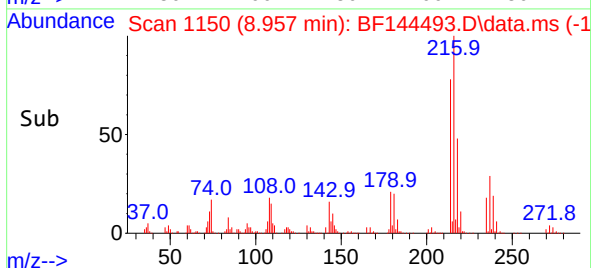
Tgt Ion:164 Resp: 509138
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 44.2 35.3 52.9

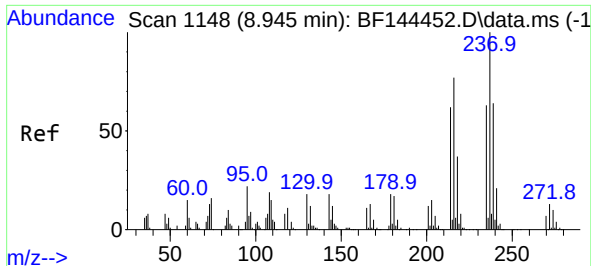


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.651 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14



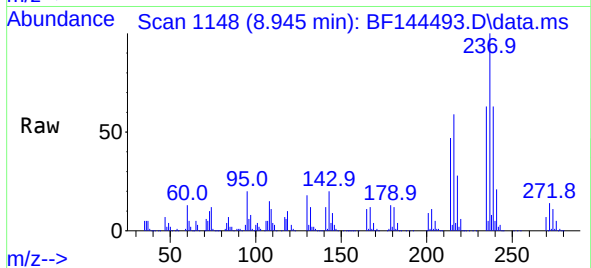
Tgt Ion:216 Resp: 632493
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.6
179 21.7 17.7 26.5
108 21.1 16.2 24.4



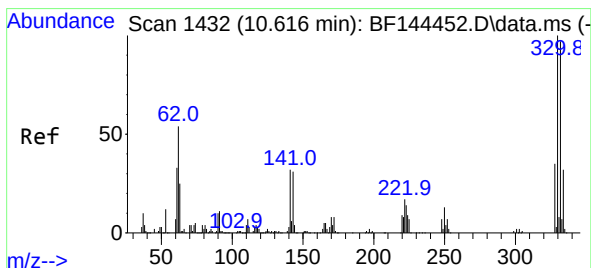
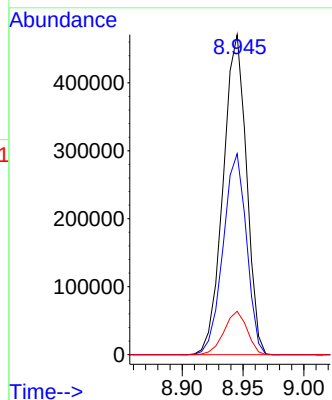
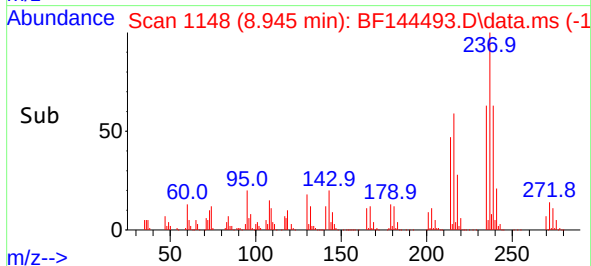


#41
Hexachlorocyclopentadiene
Concen: 73.323 ng
RT: 8.945 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

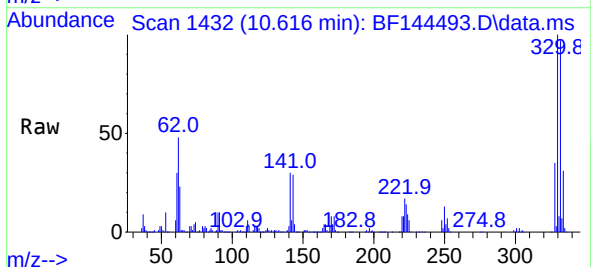
Instrument :
BNA_F
ClientSampleId :
PB170956BS



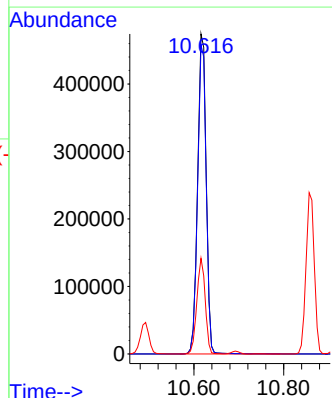
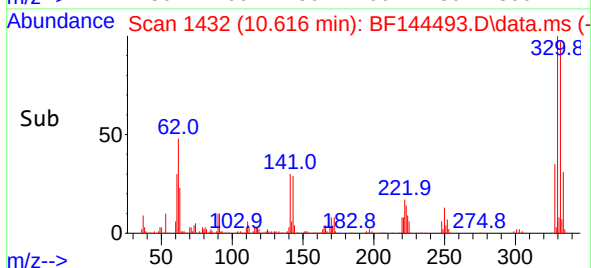
Tgt Ion:237 Resp: 628788
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.5 0.0 33.2

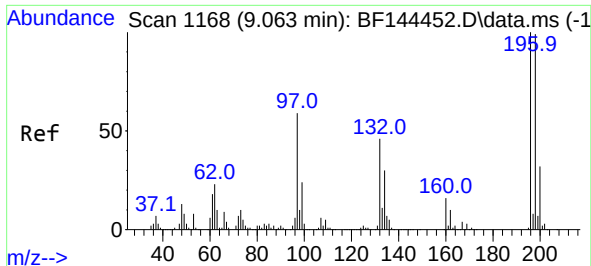


#42
2,4,6-Tribromophenol
Concen: 136.582 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14



Tgt Ion:330 Resp: 628700
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 29.3 26.2 39.2

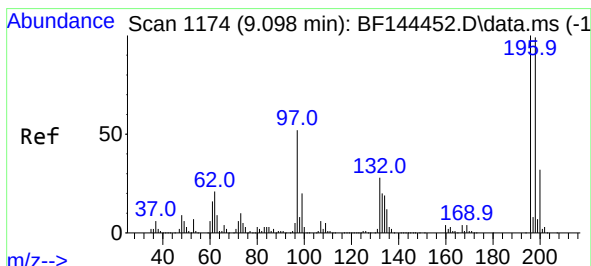
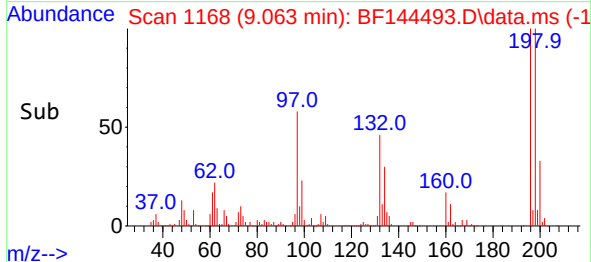
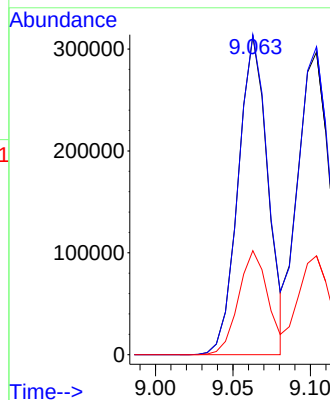
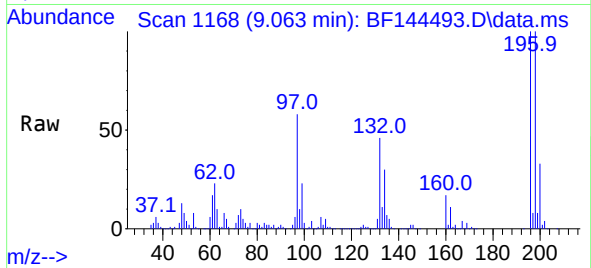




#43
2,4,6-Trichlorophenol
Concen: 45.345 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

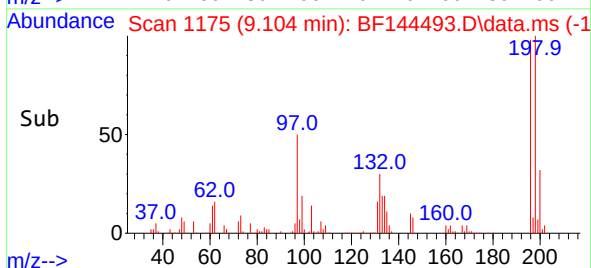
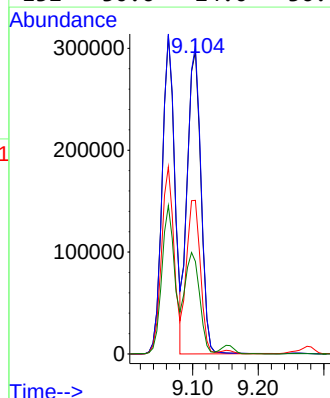
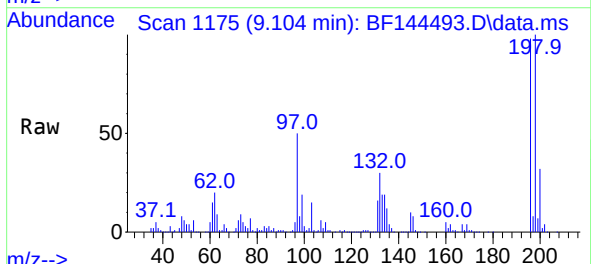
Instrument :
BNA_F
ClientSampleId :
PB170956BS

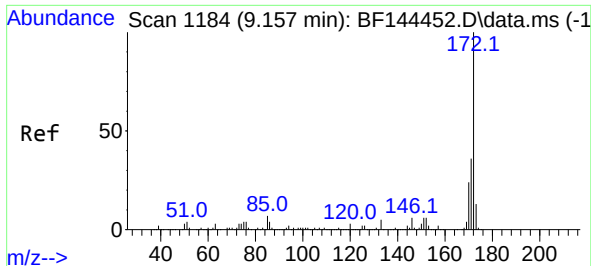
Tgt Ion:196 Resp: 417249
Ion Ratio Lower Upper
196 100
198 100.5 79.0 118.4
200 32.7 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 44.557 ng
RT: 9.104 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:196 Resp: 430322
Ion Ratio Lower Upper
196 100
198 101.8 79.5 119.3
97 50.7 42.2 63.2
132 30.6 24.0 36.0

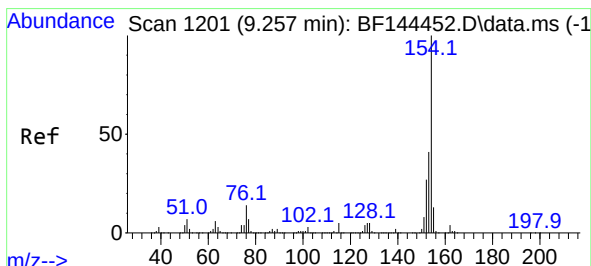
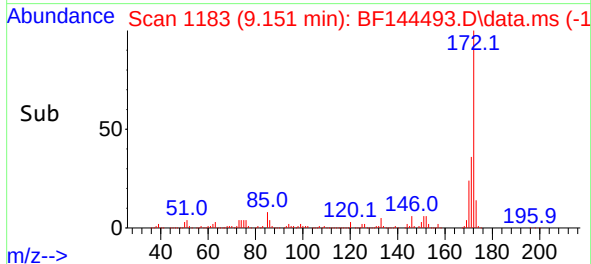
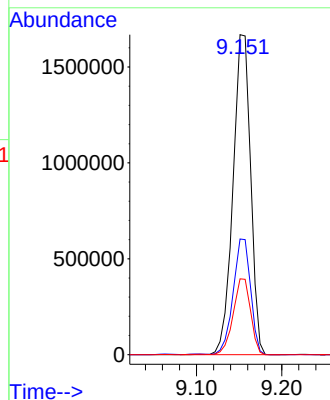
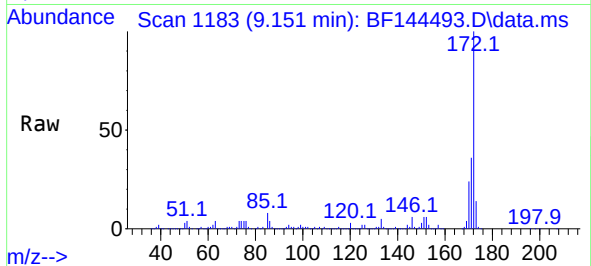




#45
2-Fluorobiphenyl
Concen: 72.223 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

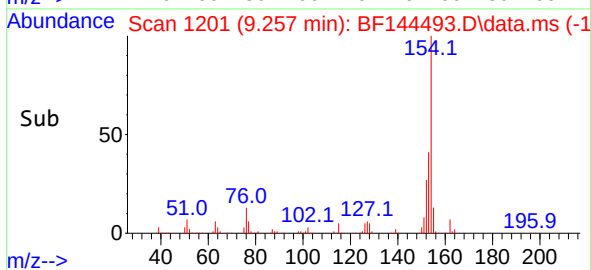
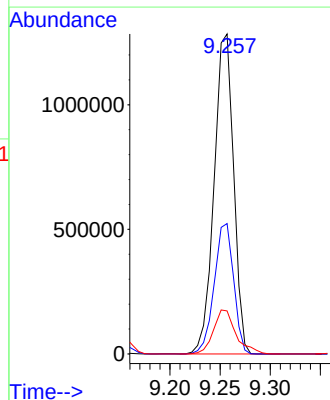
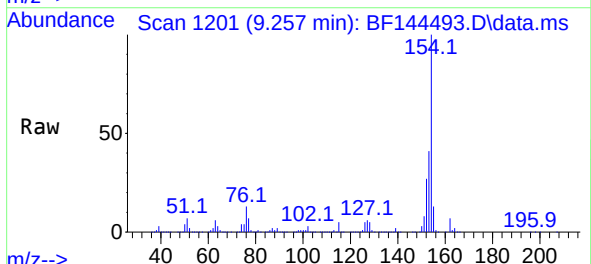
Instrument :
BNA_F
ClientSampleId :
PB170956BS

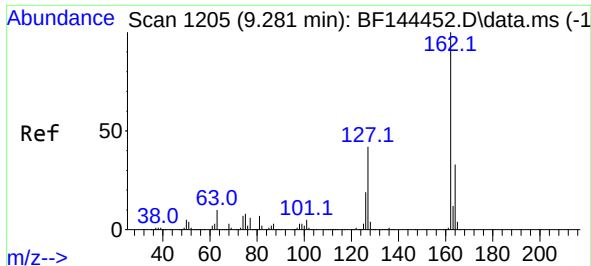
Tgt Ion:172 Resp: 2396990
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.7 19.3 28.9



#46
1,1'-Biphenyl
Concen: 43.569 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:154 Resp: 1733530
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 13.5 0.0 33.8

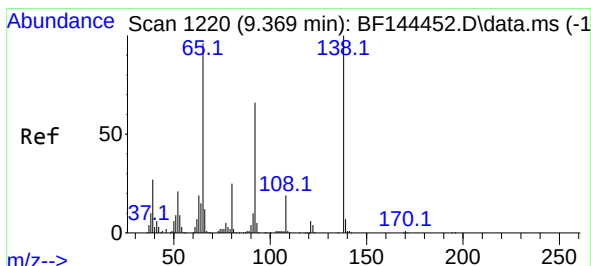
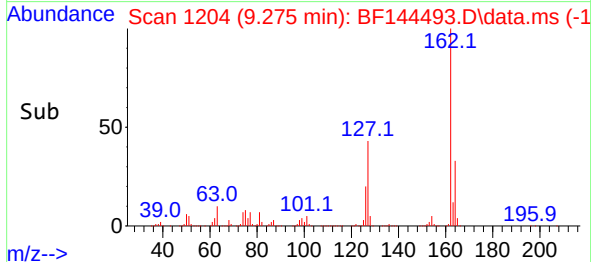
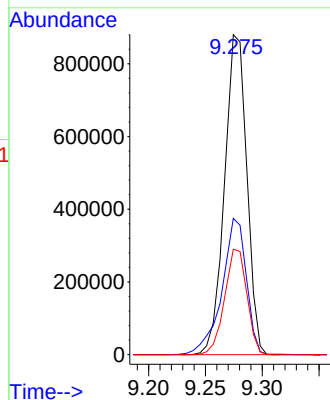
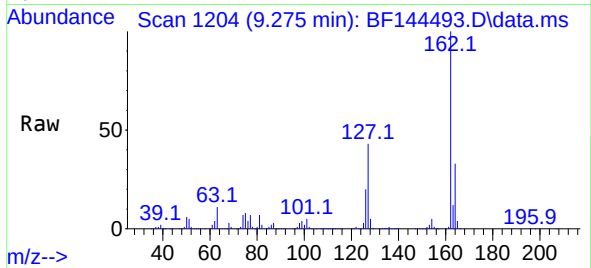




#47
2-Chloronaphthalene
Concen: 39.623 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

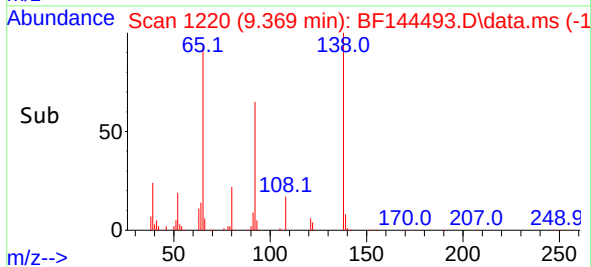
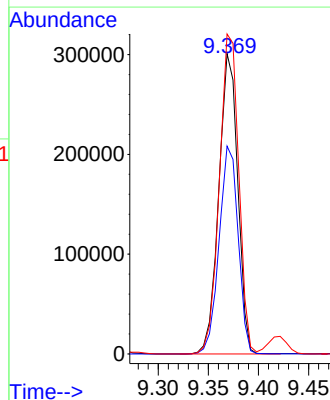
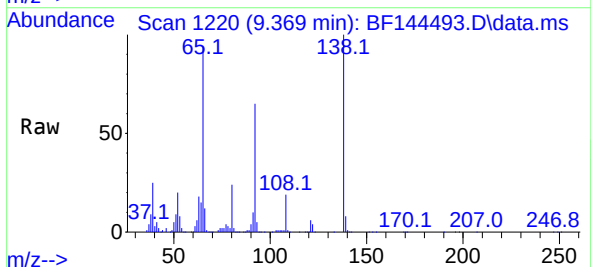
Instrument :
BNA_F
ClientSampleId :
PB170956BS

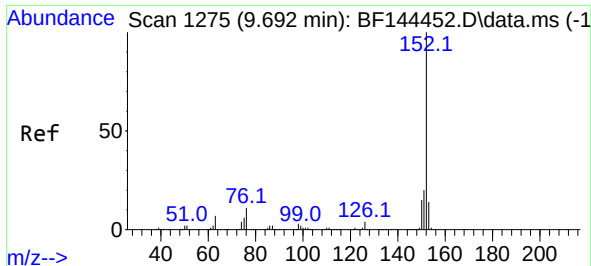
Tgt Ion:162 Resp: 1203527
Ion Ratio Lower Upper
162 100
127 42.6 33.6 50.4
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 45.582 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion: 65 Resp: 395402
Ion Ratio Lower Upper
65 100
92 69.2 55.0 82.4
138 106.6 83.4 125.2

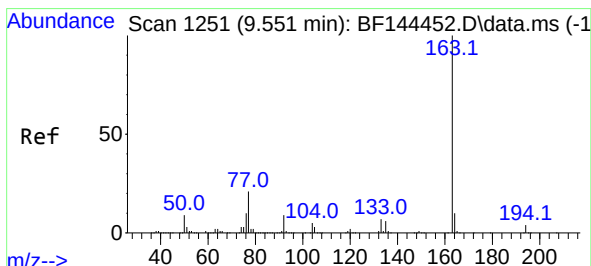
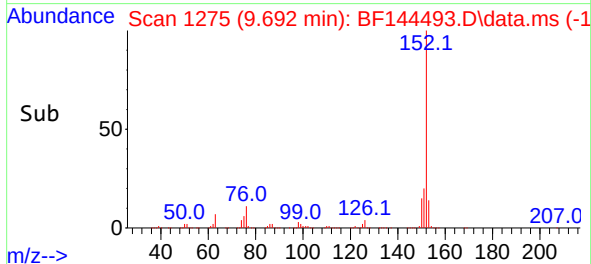
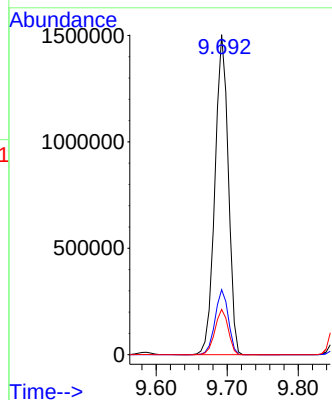
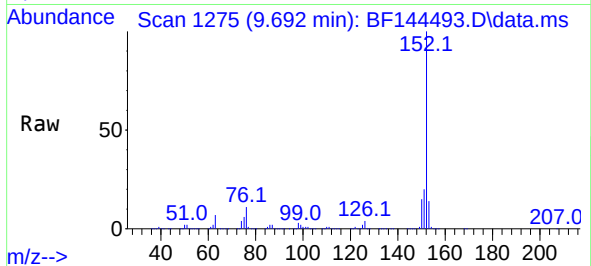




#49
Acenaphthylene
Concen: 40.721 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

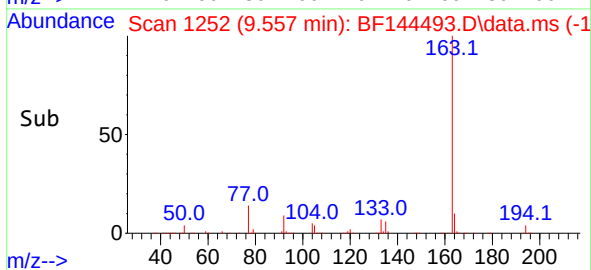
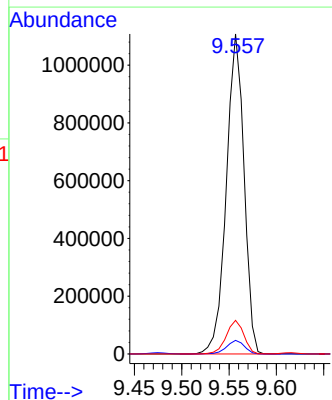
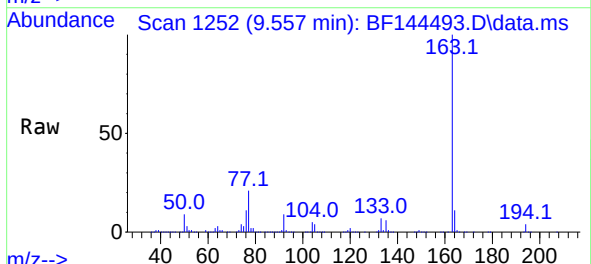
Instrument :
BNA_F
ClientSampleId :
PB170956BS

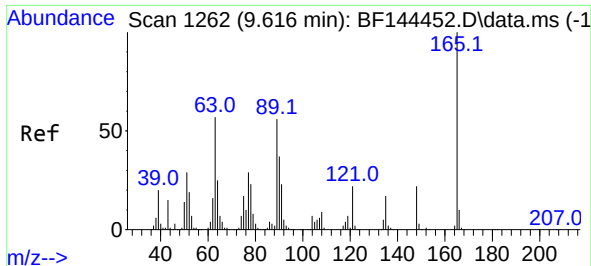
Tgt Ion:152 Resp: 1959654
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.1 11.4 17.0



#50
Dimethylphthalate
Concen: 41.888 ng
RT: 9.557 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:163 Resp: 1440566
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.3 12.5

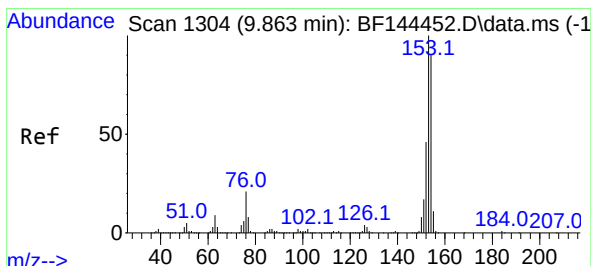
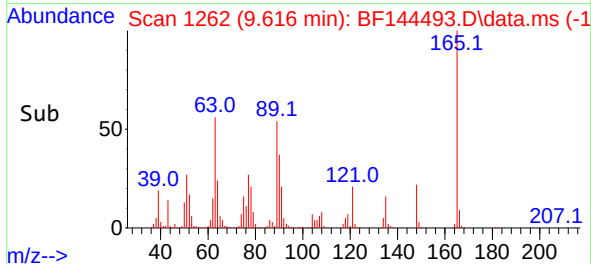
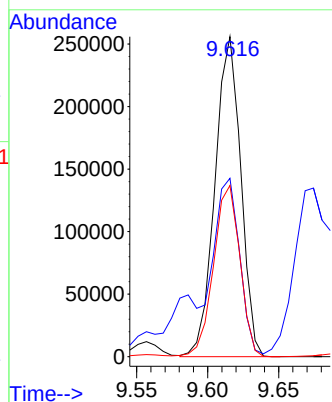
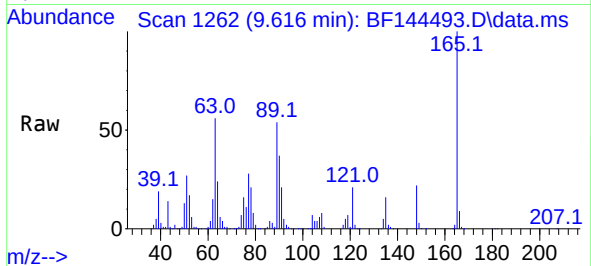




#51
2,6-Dinitrotoluene
Concen: 51.085 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

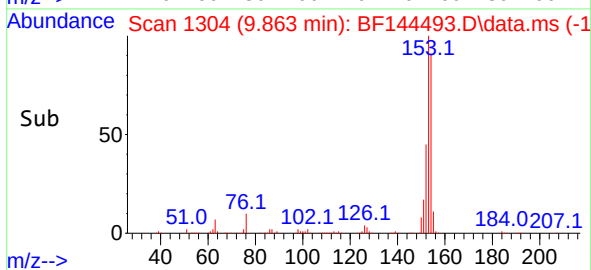
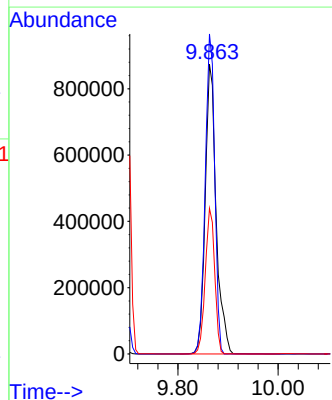
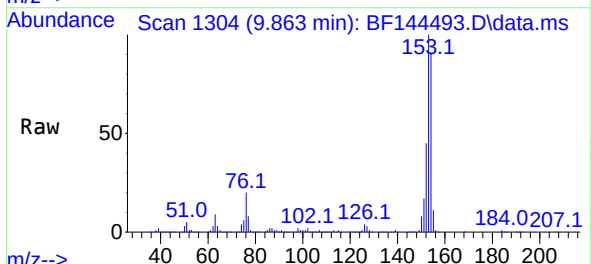
Instrument :
BNA_F
ClientSampleId :
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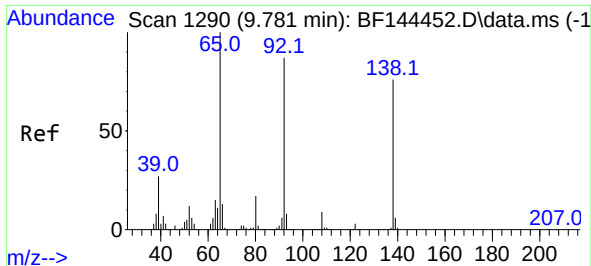
Tgt Ion:165 Resp: 323679
Ion Ratio Lower Upper
165 100
63 55.8 45.9 68.9
89 53.5 44.6 67.0



#52
Acenaphthene
Concen: 44.333 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:154 Resp: 1330220
Ion Ratio Lower Upper
154 100
153 110.4 88.6 132.8
152 50.2 40.6 61.0

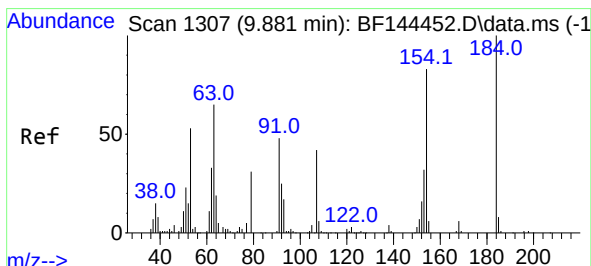
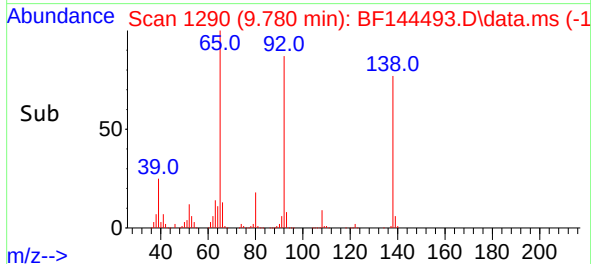
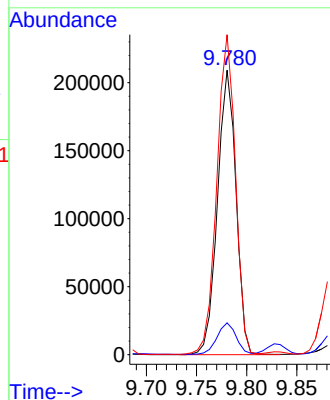
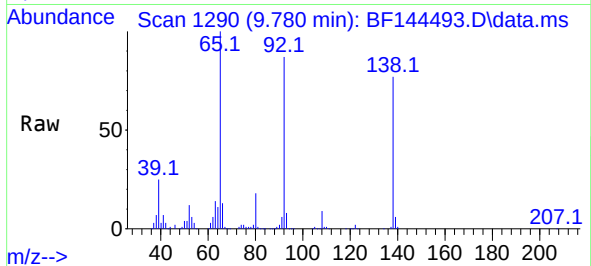




#53
3-Nitroaniline
Concen: 35.617 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

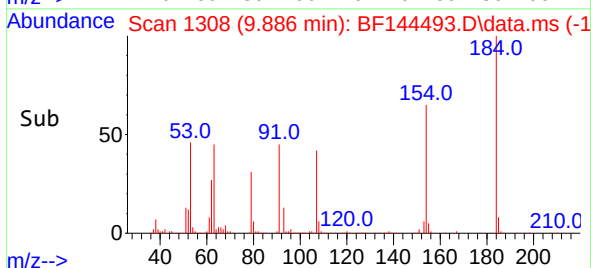
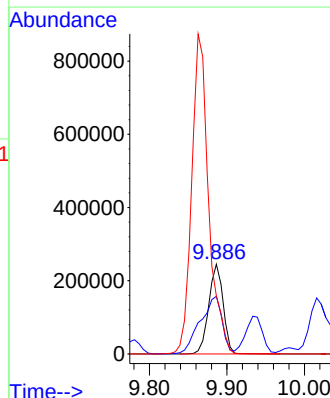
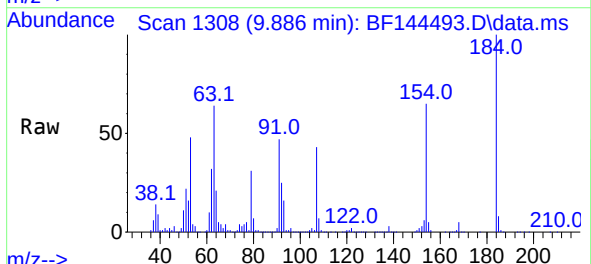
Instrument :
BNA_F
ClientSampleId :
PB170956BS

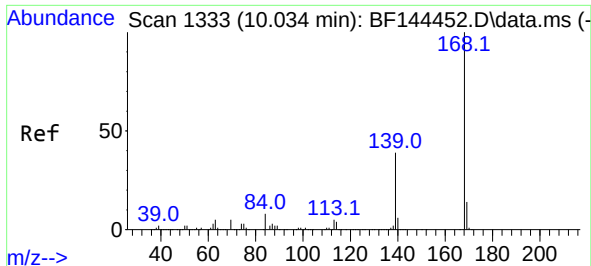
Tgt Ion:138 Resp: 268207
Ion Ratio Lower Upper
138 100
108 11.2 9.7 14.5
92 112.5 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 100.569 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.005 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:184 Resp: 315690
Ion Ratio Lower Upper
184 100
63 64.2 60.6 91.0
154 64.7 137.8 206.8#

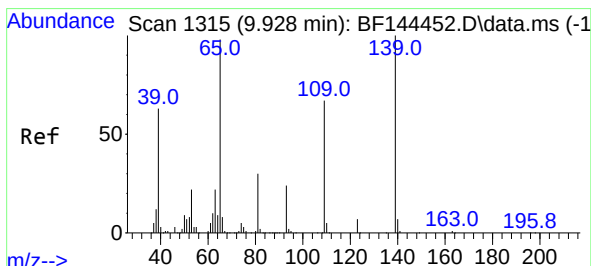
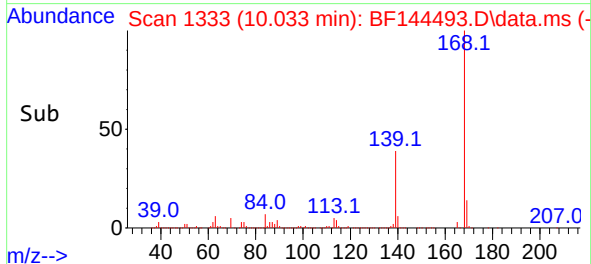
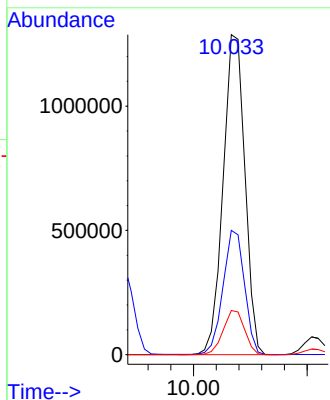
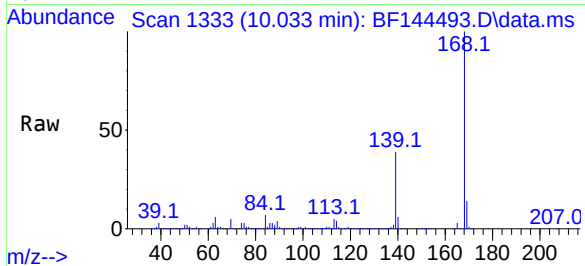




#55
Dibenzenofuran
Concen: 40.219 ng
RT: 10.033 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

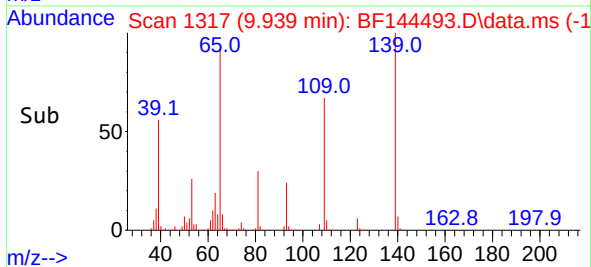
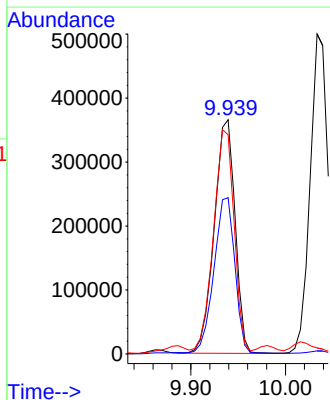
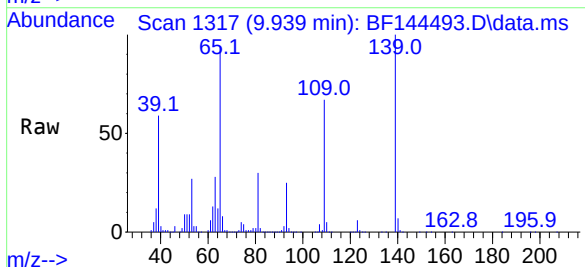
Instrument :
BNA_F
ClientSampleId :
PB170956BS

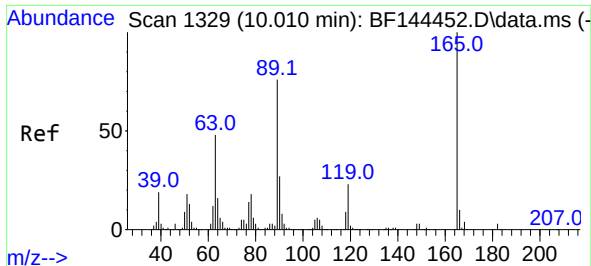
Tgt Ion:168 Resp: 1717091
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.6
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 95.610 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.011 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:139 Resp: 559953
Ion Ratio Lower Upper
139 100
109 66.8 47.4 87.4
65 93.5 78.4 118.4

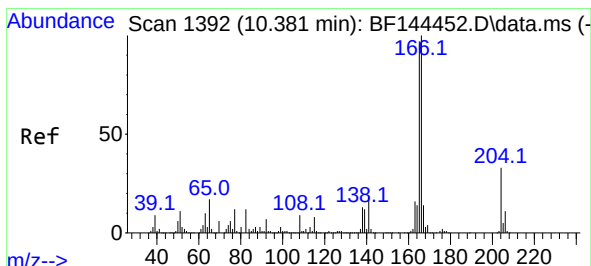
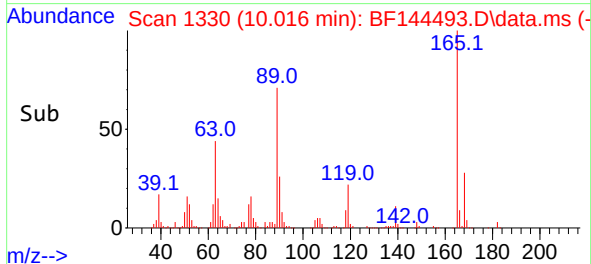
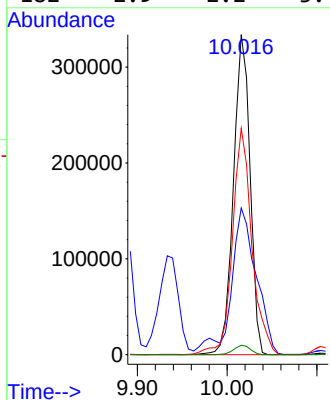
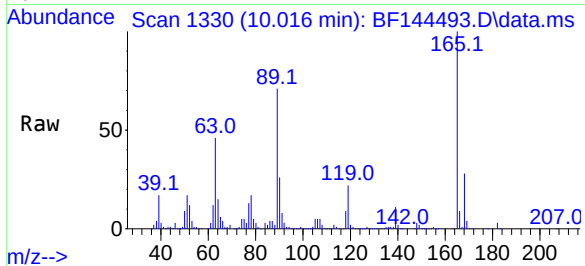




#57
2,4-Dinitrotoluene
Concen: 49.670 ng
RT: 10.016 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

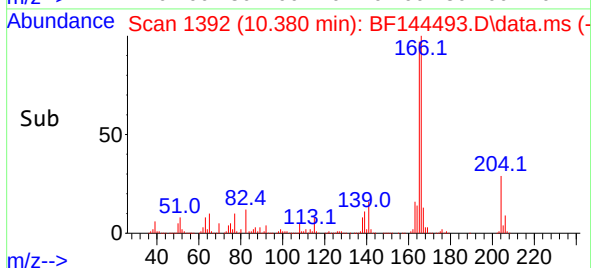
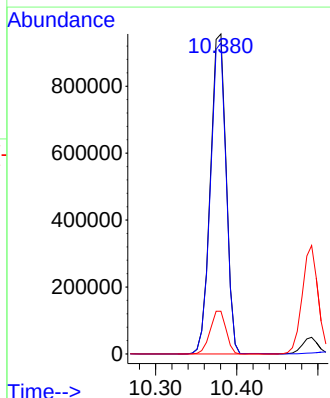
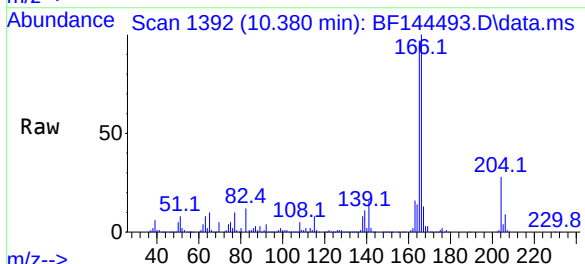
Instrument :
BNA_F
ClientSampleId :
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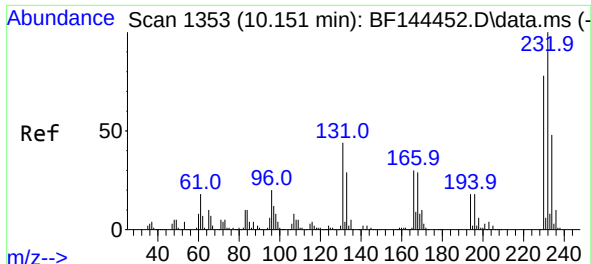
Tgt Ion:165 Resp: 428849
Ion Ratio Lower Upper
165 100
63 45.9 38.2 57.4
89 70.8 61.2 91.8
182 2.9 2.2 3.4



#58
Fluorene
Concen: 39.807 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:166 Resp: 1286897
Ion Ratio Lower Upper
166 100
165 97.2 77.6 116.4
167 13.3 10.8 16.2

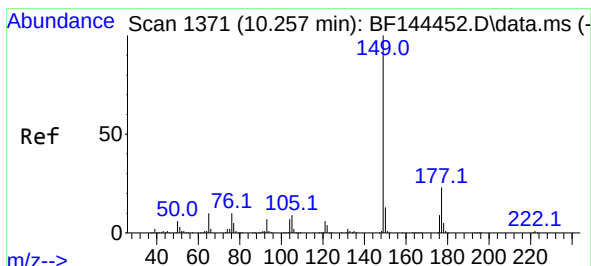
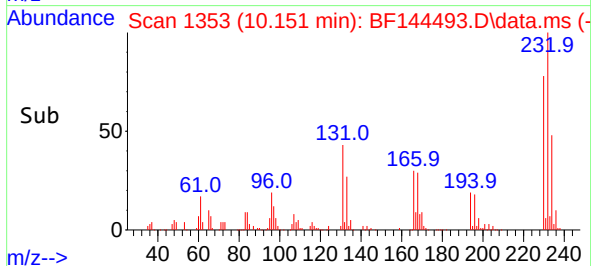
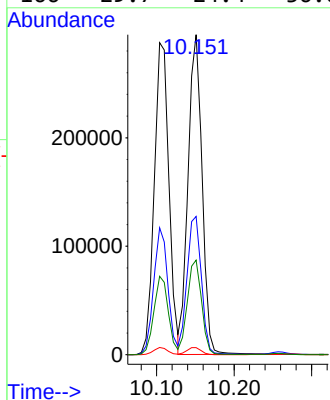
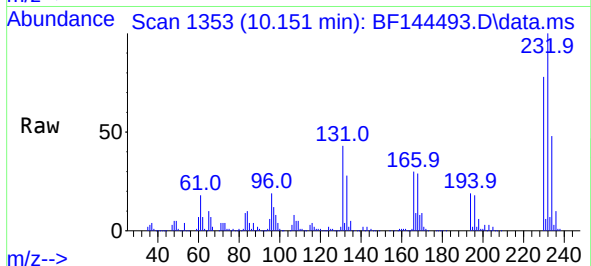




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.601 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

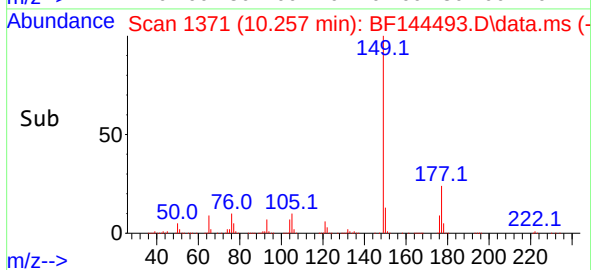
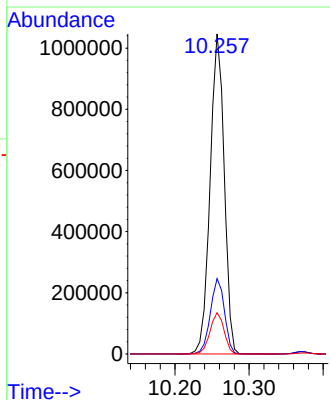
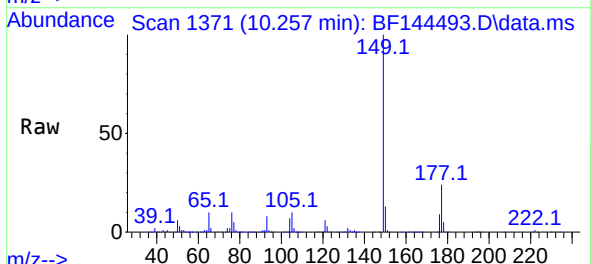
Instrument :
BNA_F
ClientSampleId :
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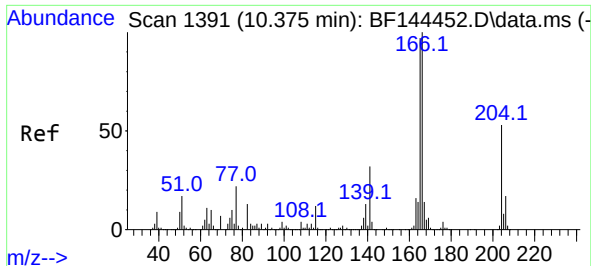
Tgt Ion:232 Resp: 370965
Ion Ratio Lower Upper
232 100
131 44.5 36.3 54.5
130 2.3 1.8 2.6
166 29.7 24.4 36.6



#60
Diethylphthalate
Concen: 42.369 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:149 Resp: 1380991
Ion Ratio Lower Upper
149 100
177 23.5 18.7 28.1
150 12.9 10.1 15.1

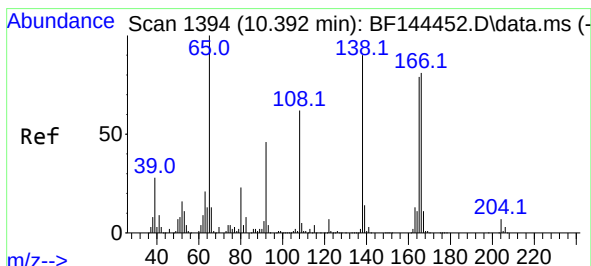
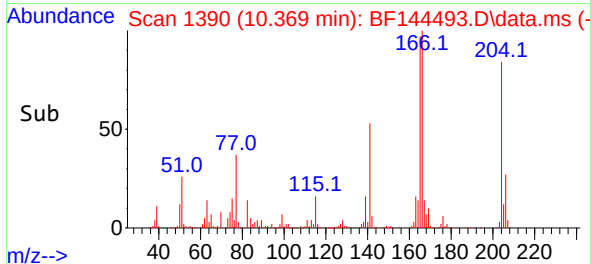
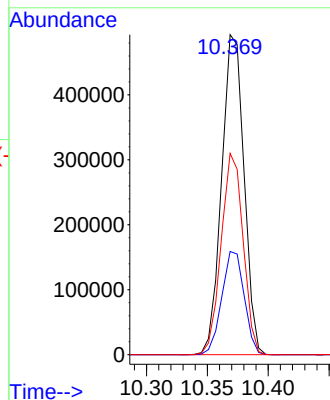
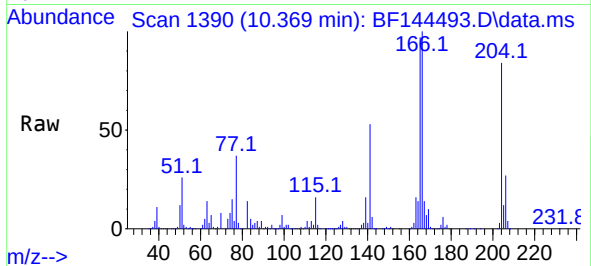




#61
4-Chlorophenyl-phenylether
Concen: 39.788 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

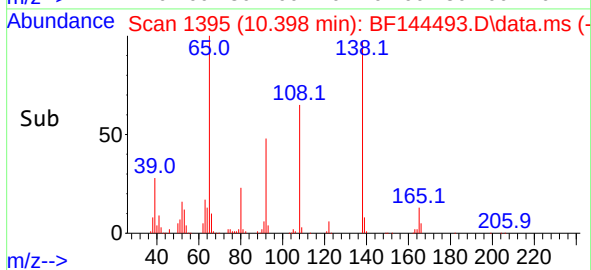
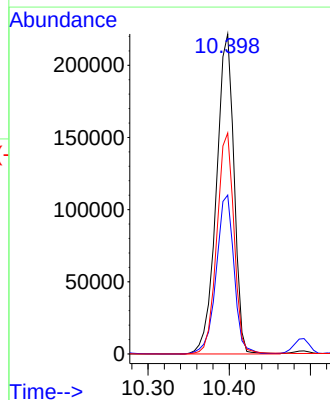
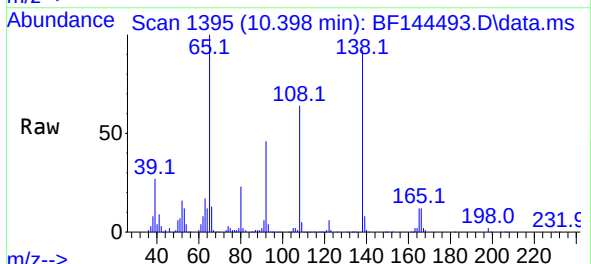
Instrument :
BNA_F
ClientSampleId :
PB170956BS

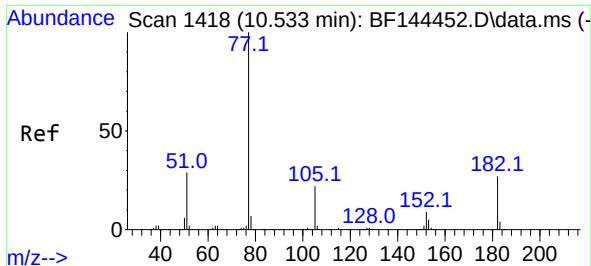
Tgt Ion:204 Resp: 631104
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 62.9 48.4 72.6



#62
4-Nitroaniline
Concen: 44.251 ng
RT: 10.398 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:138 Resp: 334877
Ion Ratio Lower Upper
138 100
92 49.6 30.8 70.8
108 69.1 49.2 89.2



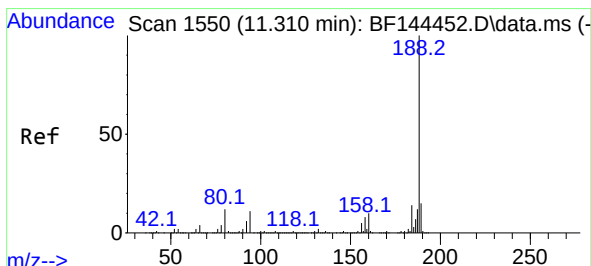
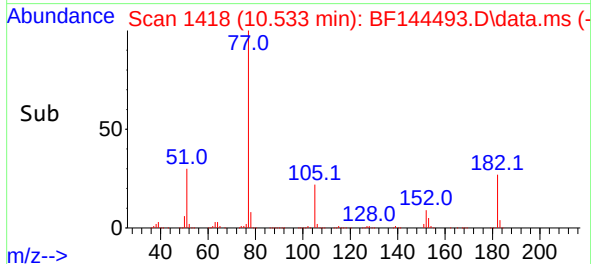
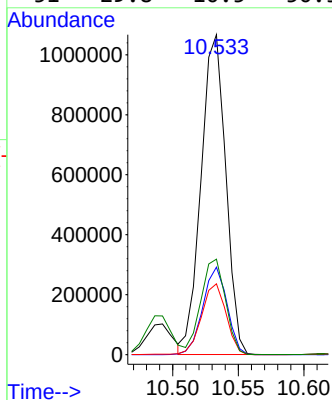
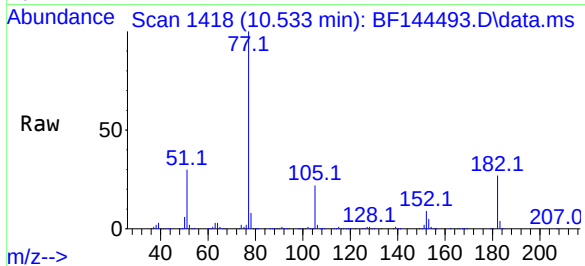


#63
Azobenzene
Concen: 40.736 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB170956BS

Tgt Ion: 77 Resp: 1403256

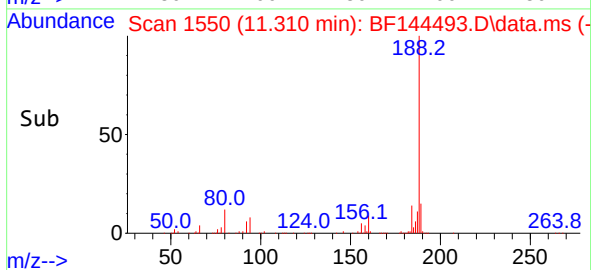
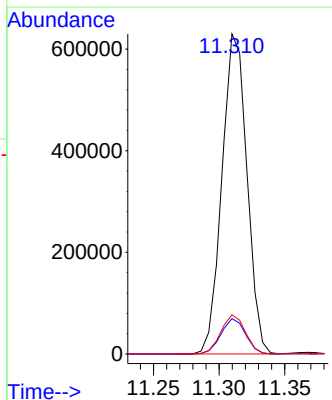
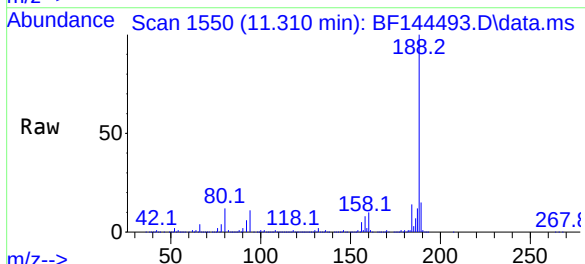
Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.1	46.1
105	22.2	1.5	41.5
51	29.8	10.5	50.5

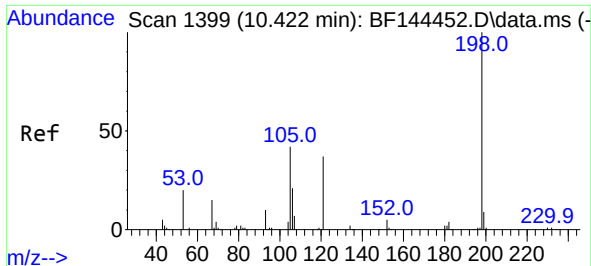


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion: 188 Resp: 834332

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.6
80	12.2	9.8	14.8

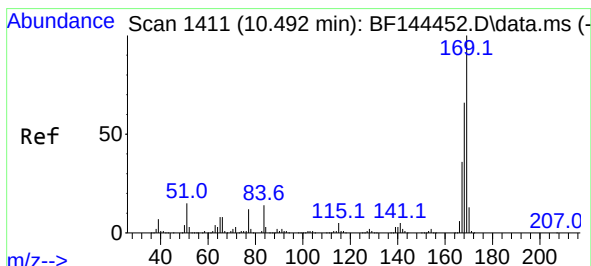
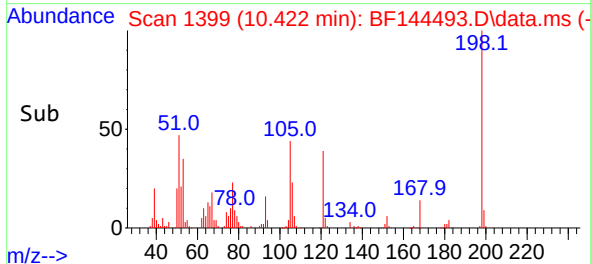
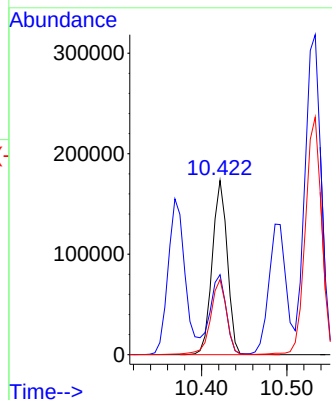
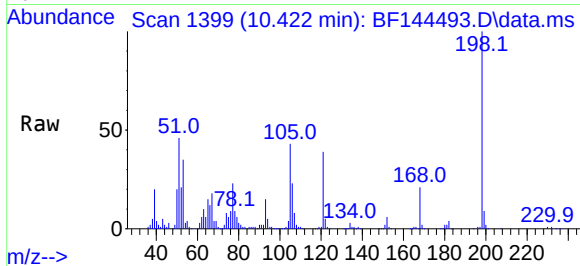




#65
4,6-Dinitro-2-methylphenol
Concen: 54.802 ng
RT: 10.422 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

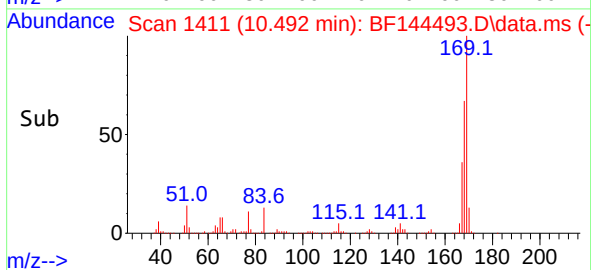
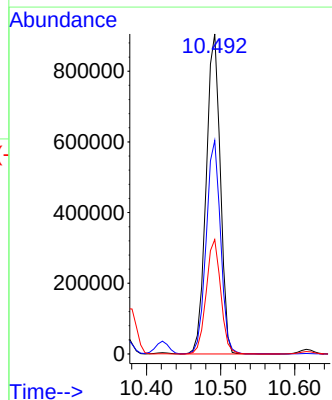
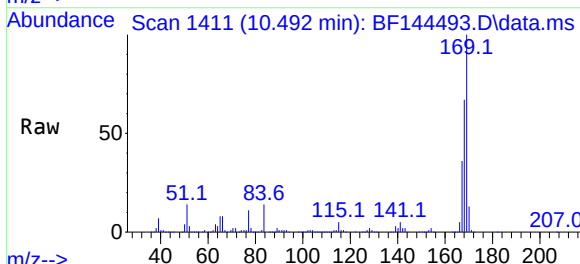
Instrument :
BNA_F
ClientSampleId :
PB170956BS

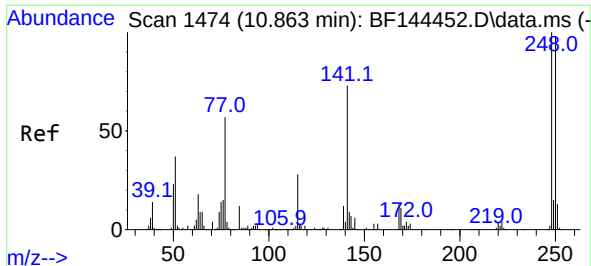
Tgt Ion:198 Resp: 212797
Ion Ratio Lower Upper
198 100
51 45.9 25.5 65.5
105 43.0 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 41.882 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:169 Resp: 1197497
Ion Ratio Lower Upper
169 100
168 66.7 52.6 79.0
167 35.8 28.8 43.2

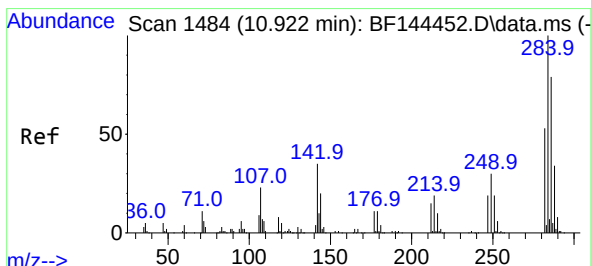
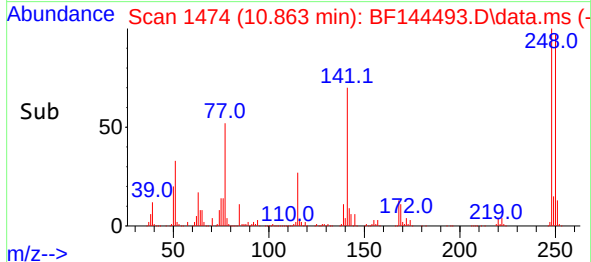
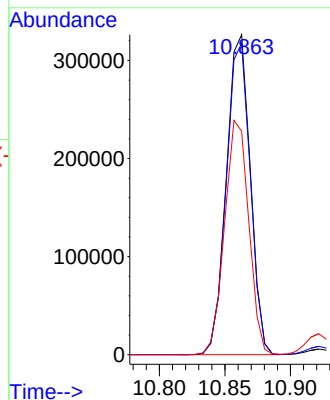
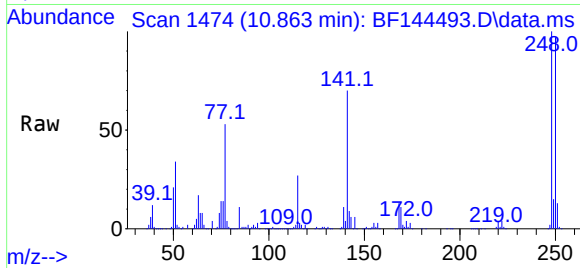




#67
4-Bromophenyl-phenylether
Concen: 42.591 ng
RT: 10.863 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

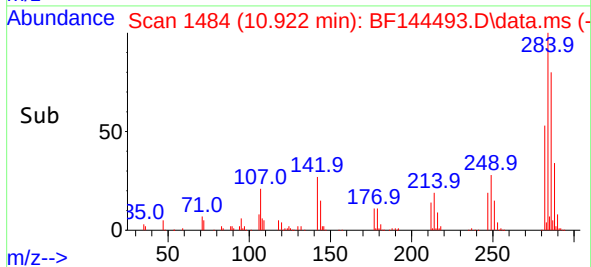
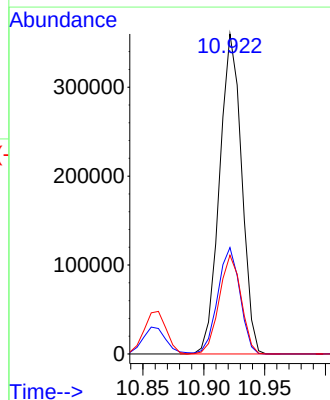
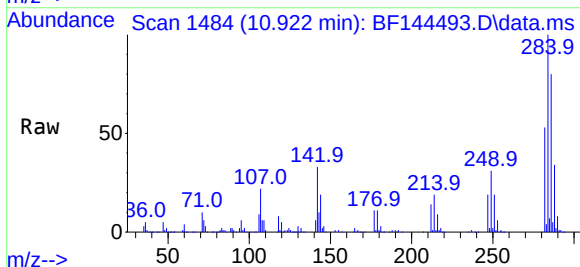
Instrument :
BNA_F
ClientSampleId :
PB170956BS

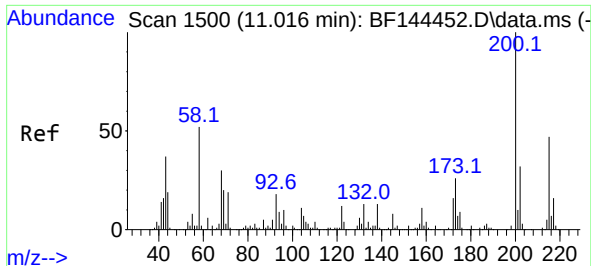
Tgt Ion:248 Resp: 414841
Ion Ratio Lower Upper
248 100
250 97.3 78.2 117.4
141 69.8 58.5 87.7



#68
Hexachlorobenzene
Concen: 42.287 ng
RT: 10.922 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:284 Resp: 454676
Ion Ratio Lower Upper
284 100
142 33.2 28.2 42.2
249 30.8 24.7 37.1

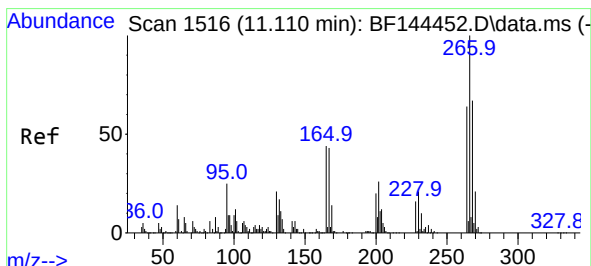
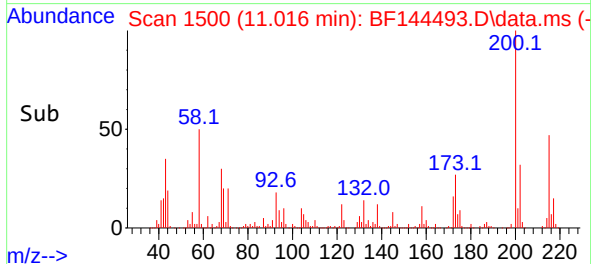
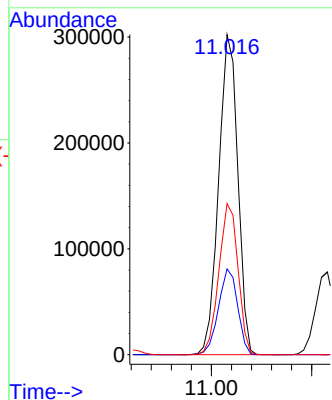
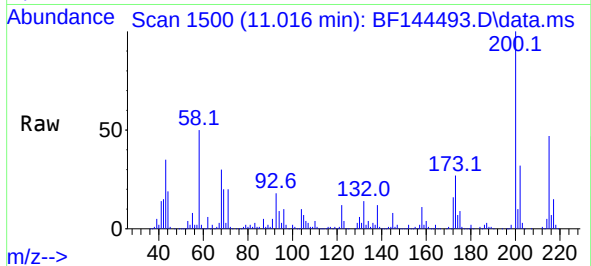




#69
Atrazine
Concen: 44.692 ng
RT: 11.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

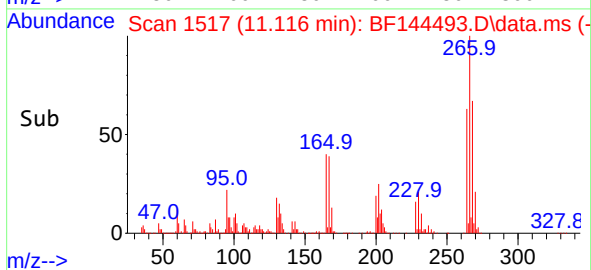
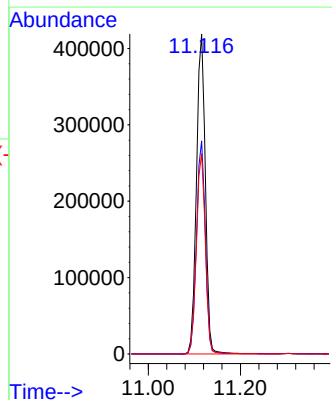
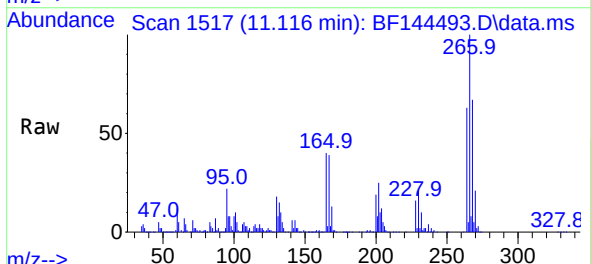
Instrument :
BNA_F
ClientSampleId :
PB170956BS

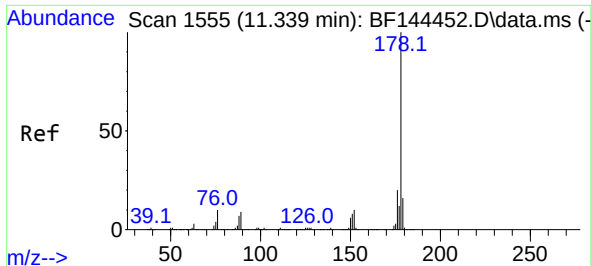
Tgt Ion:200 Resp: 400255
Ion Ratio Lower Upper
200 100
173 26.8 6.2 46.2
215 47.2 27.2 67.2



#70
Pentachlorophenol
Concen: 91.287 ng
RT: 11.116 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:266 Resp: 559860
Ion Ratio Lower Upper
266 100
268 66.6 53.8 80.8
264 62.6 51.2 76.8

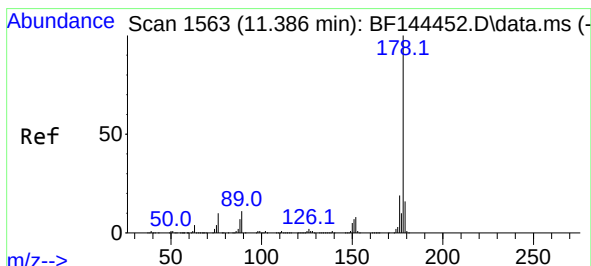
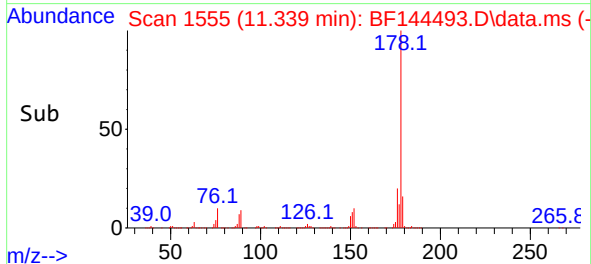
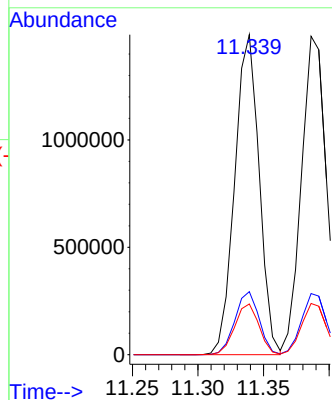
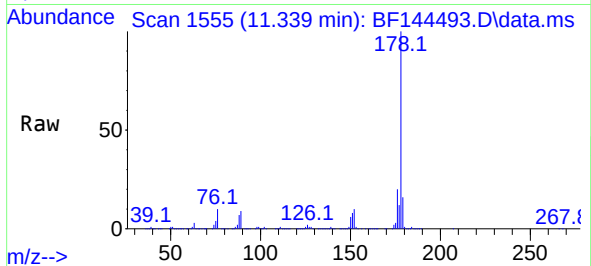




#71
Phenanthrene
Concen: 40.151 ng
RT: 11.339 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

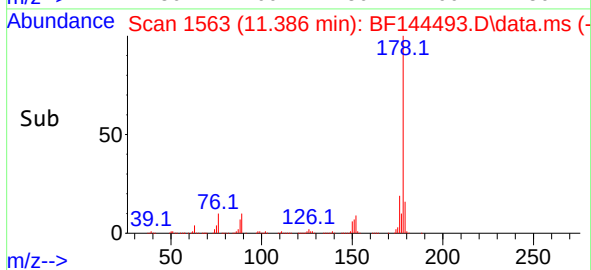
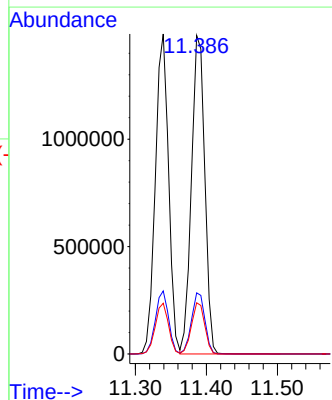
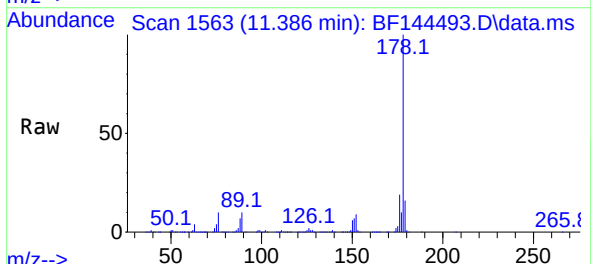
Instrument :
BNA_F
ClientSampleId :
PB170956BS

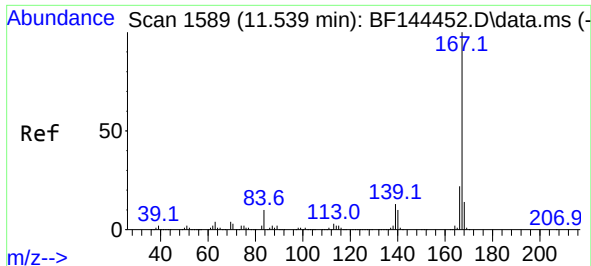
Tgt Ion:178 Resp: 1931225
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.9 12.5 18.7



#72
Anthracene
Concen: 39.785 ng
RT: 11.386 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:178 Resp: 1936829
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 16.1 12.7 19.1

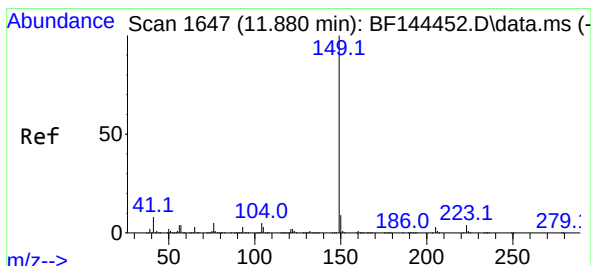
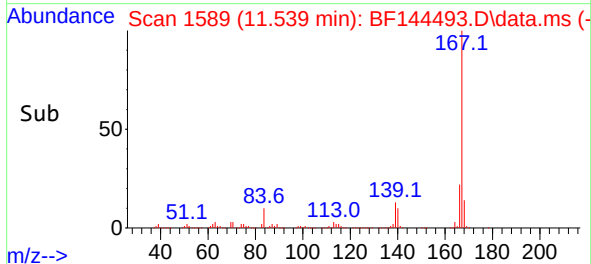
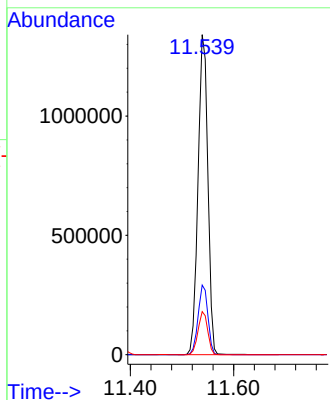
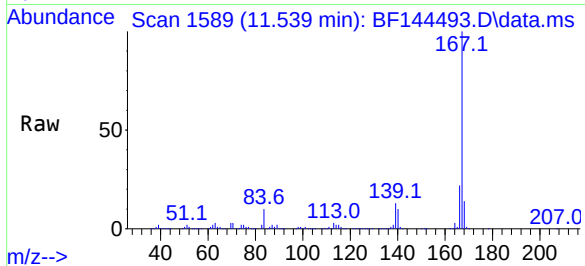




#73
 Carbazole
 Concen: 41.792 ng
 RT: 11.539 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF144493.D
 Acq: 16 Dec 2025 14:14

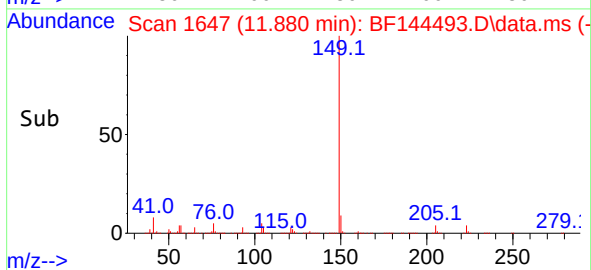
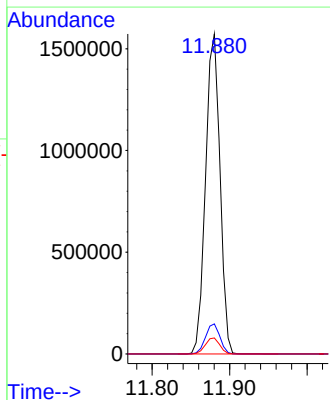
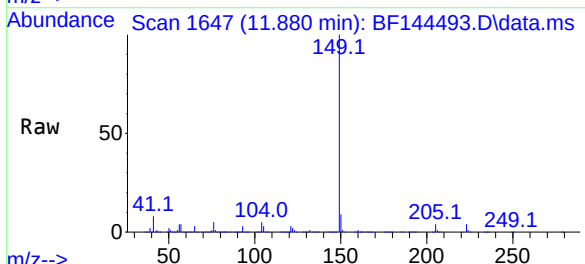
Instrument :
 BNA_F
 ClientSampleId :
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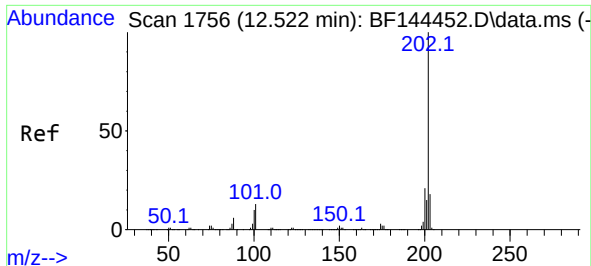
Tgt Ion:167 Resp: 1766273
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 44.914 ng
 RT: 11.880 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: BF144493.D
 Acq: 16 Dec 2025 14:14

Tgt Ion:149 Resp: 2029095
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 3.9 5.9

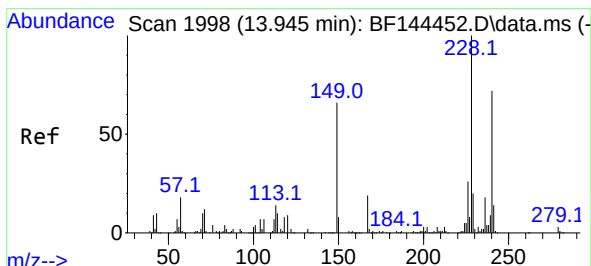
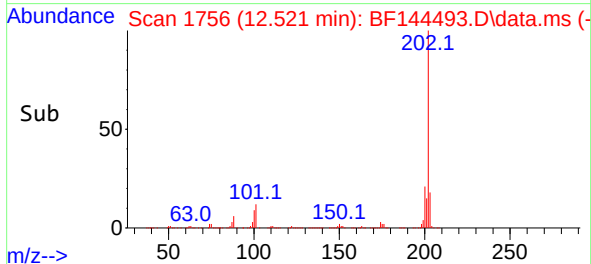
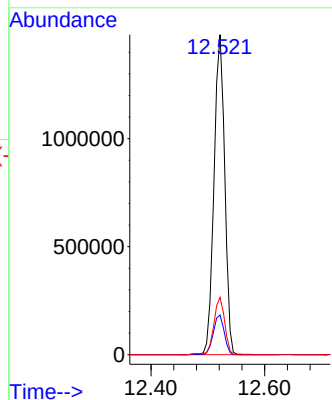
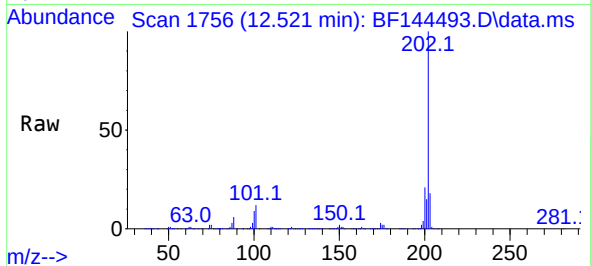




#75
Fluoranthene
Concen: 40.682 ng
RT: 12.521 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

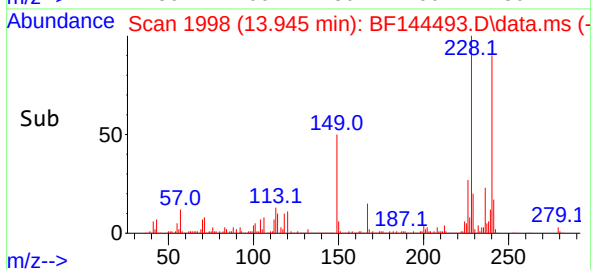
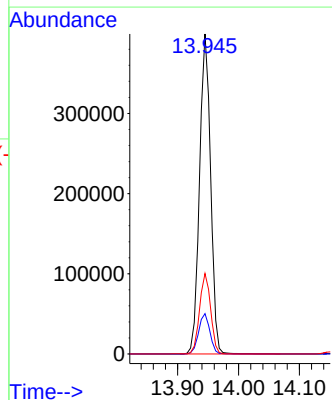
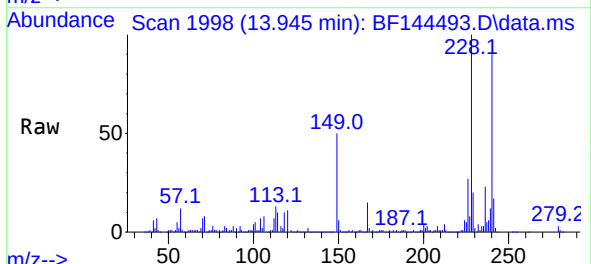
Instrument :
BNA_F
ClientSampleId :
PB170956BS

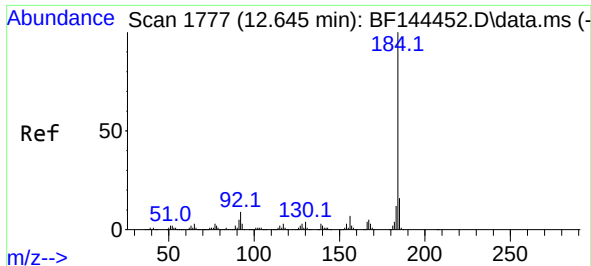
Tgt Ion:202 Resp: 1932280
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.9
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:240 Resp: 502203
Ion Ratio Lower Upper
240 100
120 12.6 10.3 15.5
236 25.1 20.2 30.4

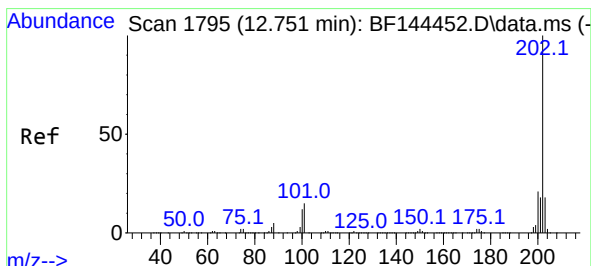
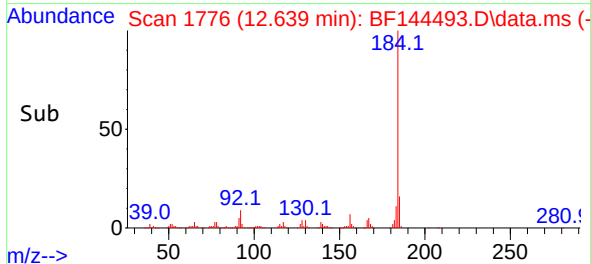
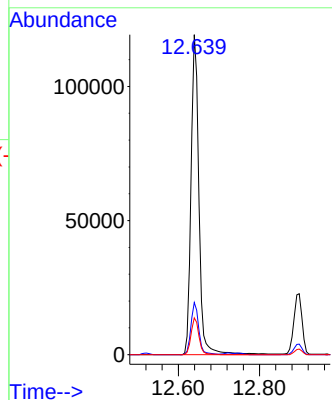
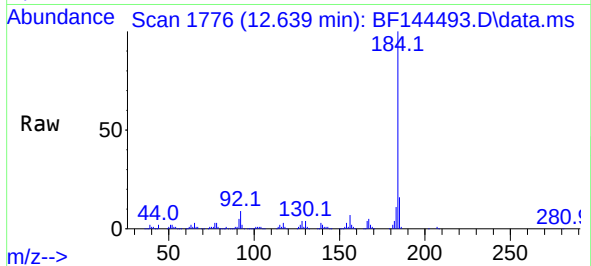




#77
Benzidine
Concen: 9.016 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

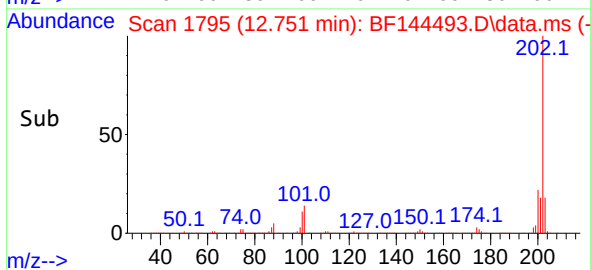
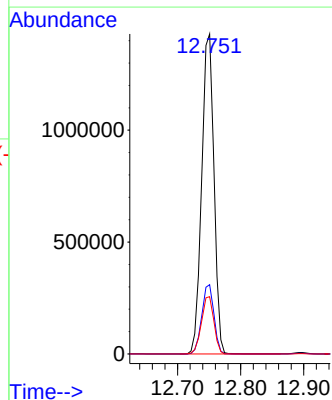
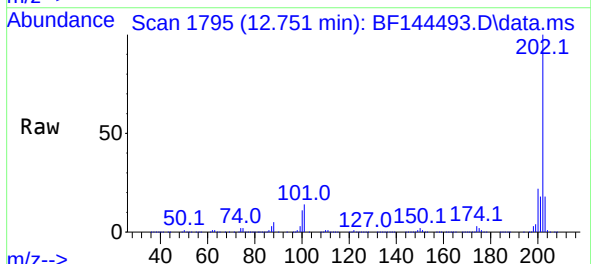
Instrument :
BNA_F
ClientSampleId :
PB170956BS

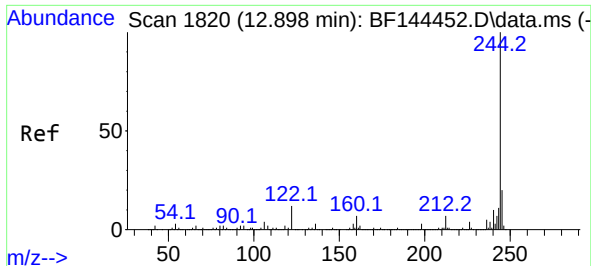
Tgt Ion:184 Resp: 161227
Ion Ratio Lower Upper
184 100
185 16.3 12.6 18.8
183 11.5 9.4 14.0



#78
Pyrene
Concen: 42.021 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:202 Resp: 1933438
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.9 14.2 21.4

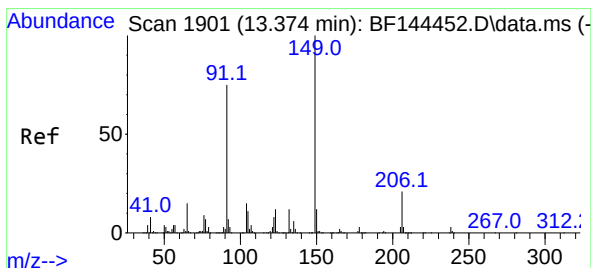
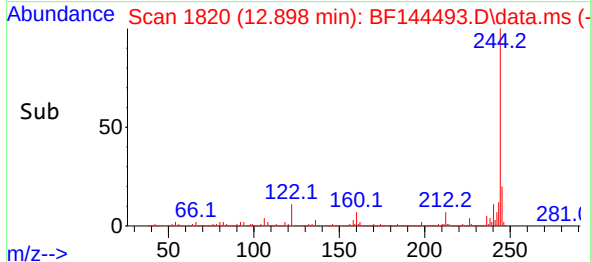
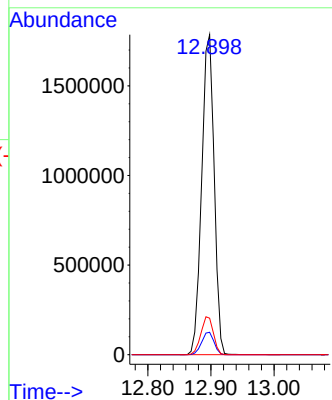
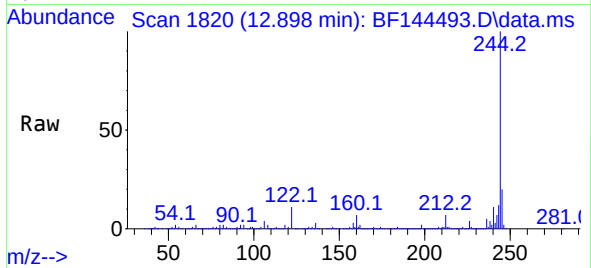




#79
 Terphenyl-d14
 Concen: 77.123 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF144493.D
 Acq: 16 Dec 2025 14:14

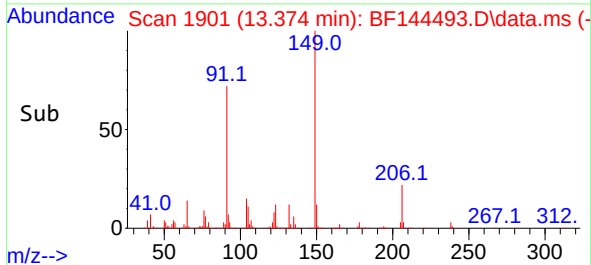
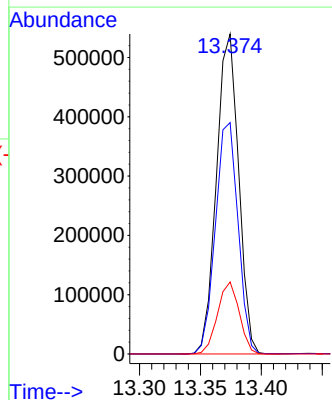
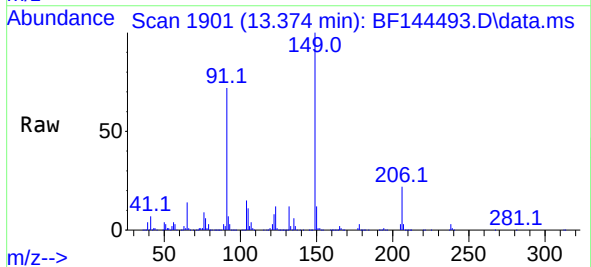
Instrument :
 BNA_F
 ClientSampleId :
 PB170956BS

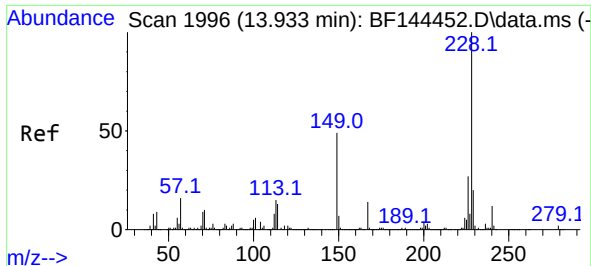
Tgt Ion:244 Resp: 2453226
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.4 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 45.184 ng
 RT: 13.374 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: BF144493.D
 Acq: 16 Dec 2025 14:14

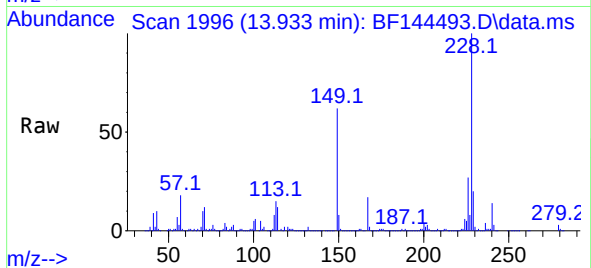
Tgt Ion:149 Resp: 684787
 Ion Ratio Lower Upper
 149 100
 91 72.3 59.8 89.8
 206 22.5 17.0 25.6



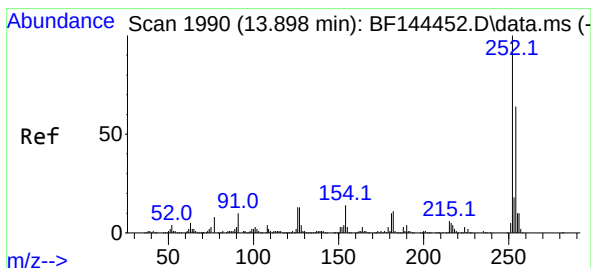
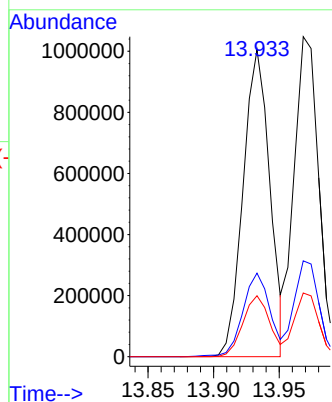
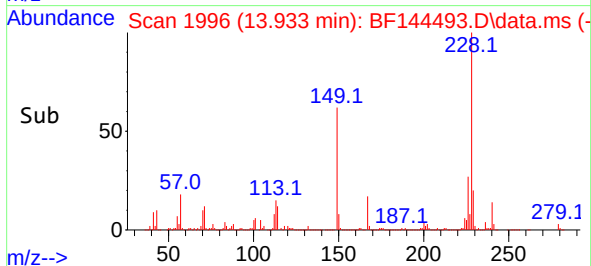


#81
Benzo(a)anthracene
Concen: 40.297 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

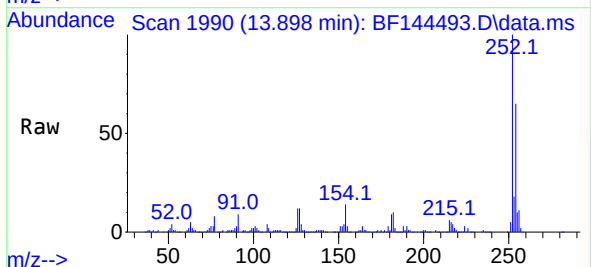
Instrument :
BNA_F
ClientSampleId :
PB170956BS



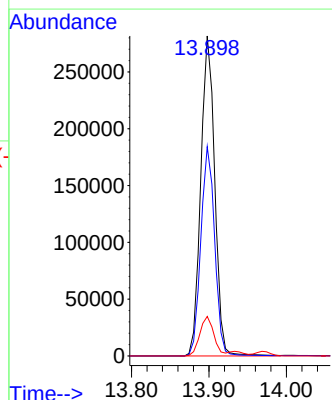
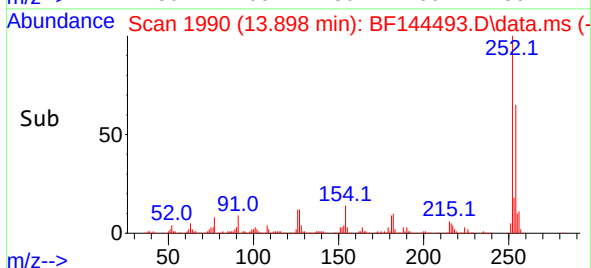
Tgt Ion:228 Resp: 1425132
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.9 16.1 24.1

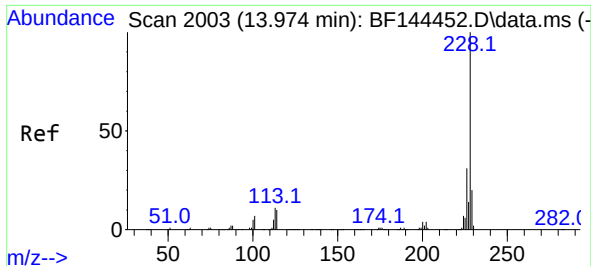


#82
3,3'-Dichlorobenzidine
Concen: 35.221 ng
RT: 13.898 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14



Tgt Ion:252 Resp: 352960
Ion Ratio Lower Upper
252 100
254 65.4 51.1 76.7
126 12.3 10.4 15.6

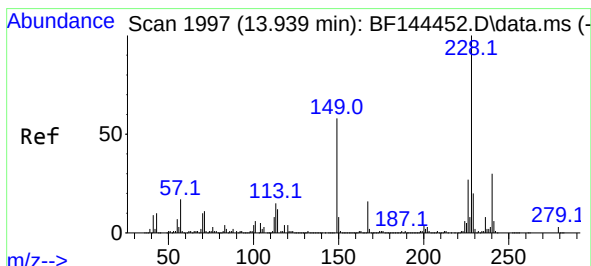
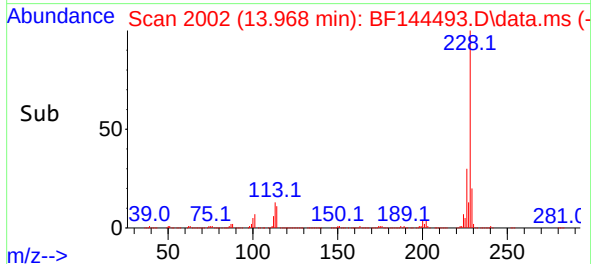
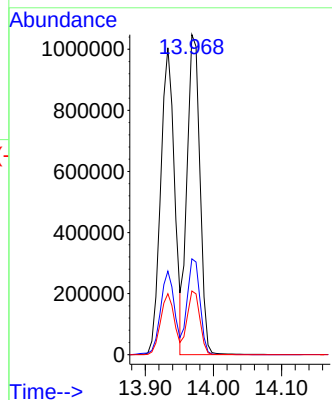
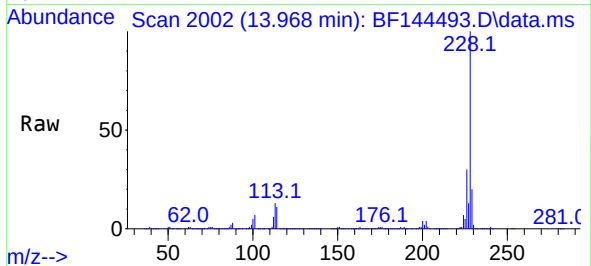




#83
Chrysene
Concen: 42.076 ng
RT: 13.968 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

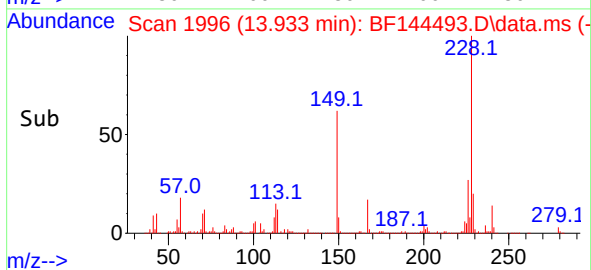
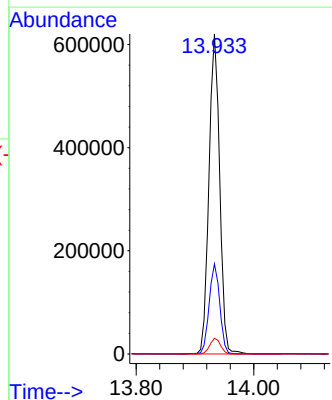
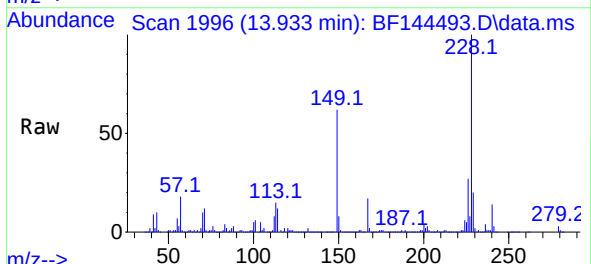
Instrument :
BNA_F
ClientSampleId :
PB170956BS

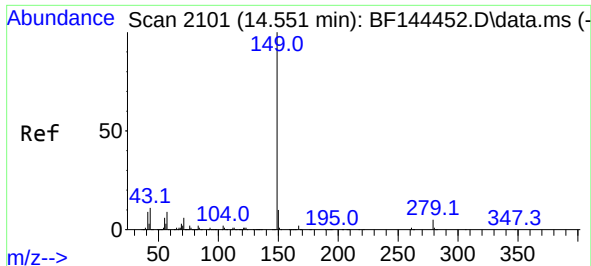
Tgt Ion:228 Resp: 1361853
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.9 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.602 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:149 Resp: 786293
Ion Ratio Lower Upper
149 100
167 28.1 22.6 34.0
279 4.9 3.7 5.5

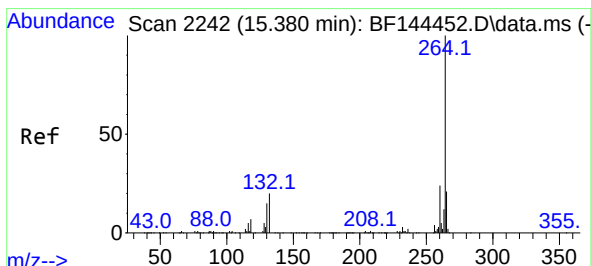
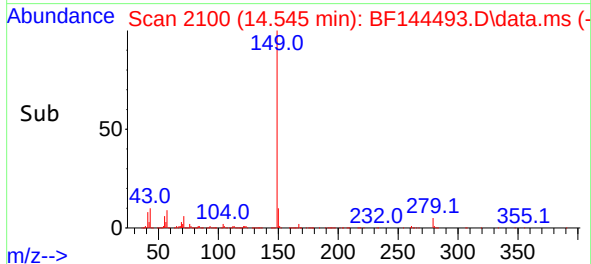
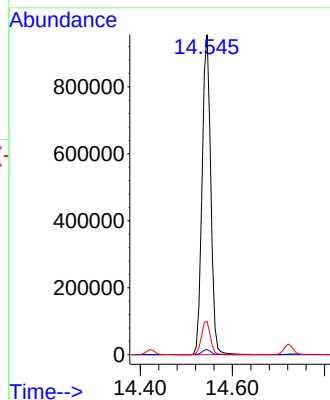
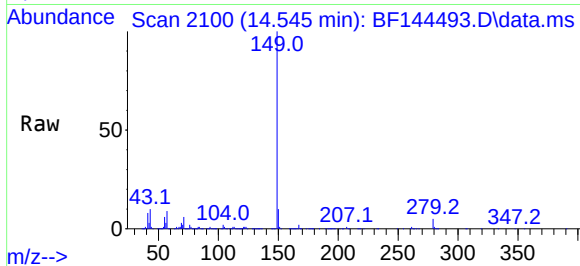




#85
Di-n-octyl phthalate
Concen: 46.035 ng
RT: 14.545 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

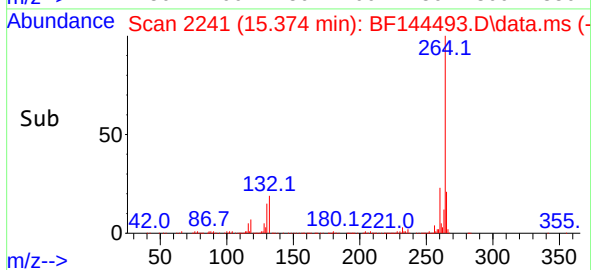
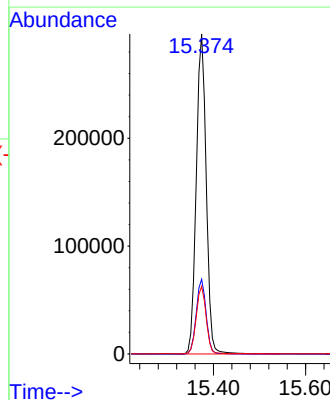
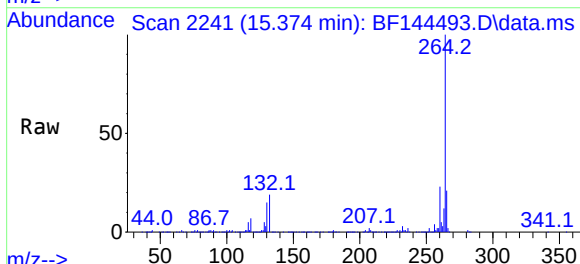
Instrument :
BNA_F
ClientSampleId :
PB170956BS

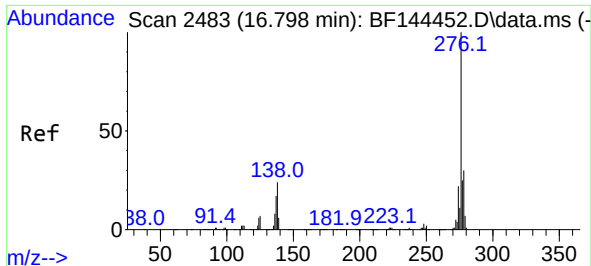
Tgt Ion:149 Resp: 1247467
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:264 Resp: 444188
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.1 17.1 25.7

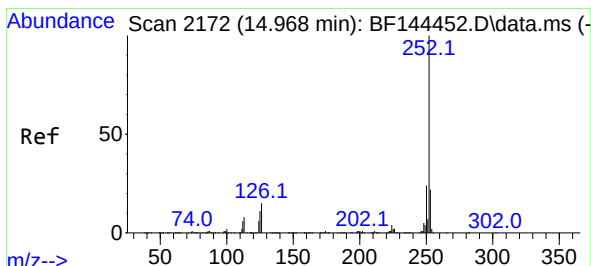
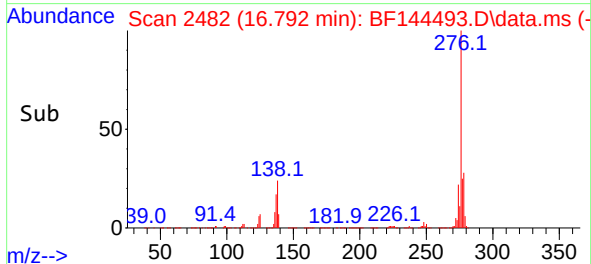
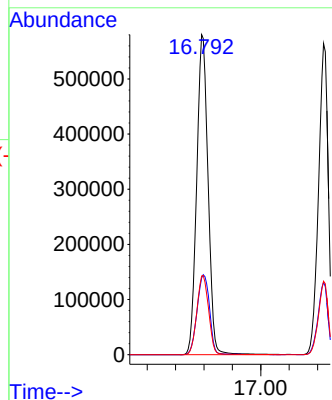
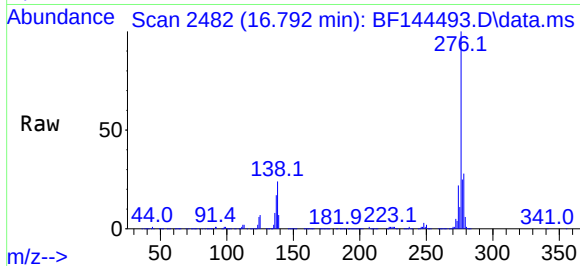




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.512 ng
RT: 16.792 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

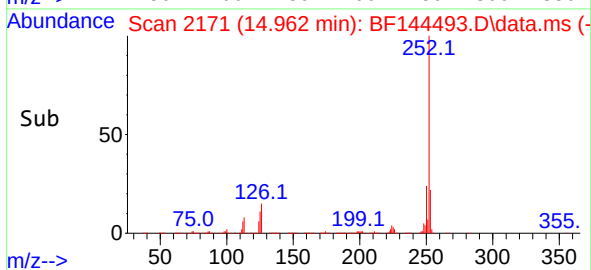
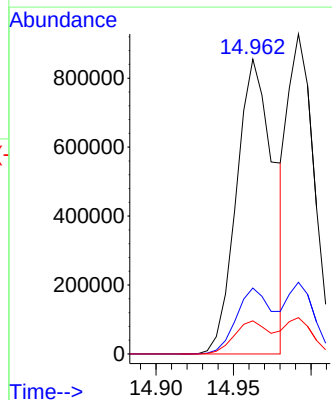
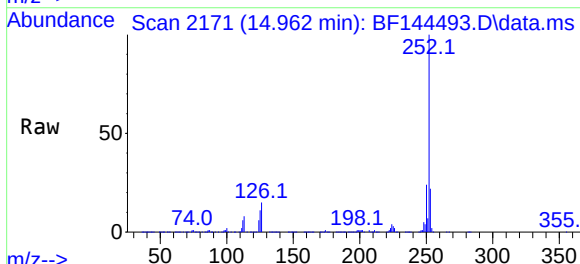
Instrument :
BNA_F
ClientSampleId :
PB170956BS

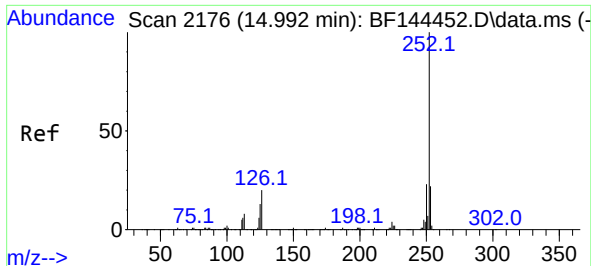
Tgt Ion:276 Resp: 1610477
Ion Ratio Lower Upper
276 100
138 27.2 21.9 32.9
277 25.7 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 49.282 ng
RT: 14.962 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:252 Resp: 1437091
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.2 9.0 13.4

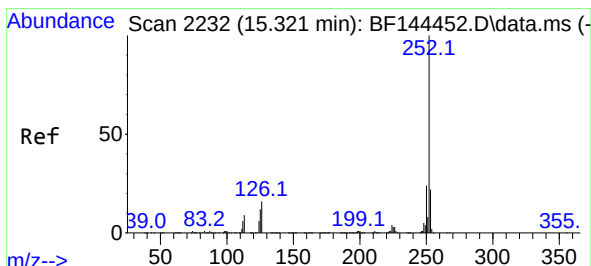
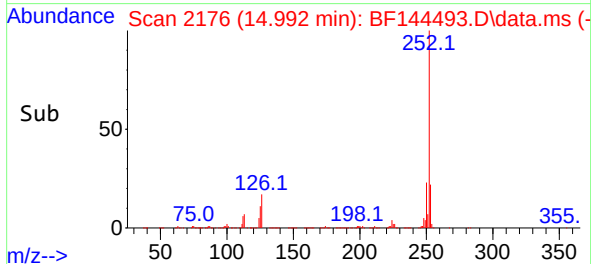
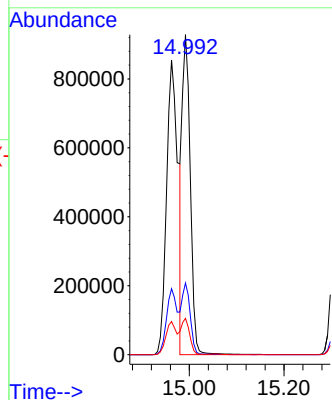
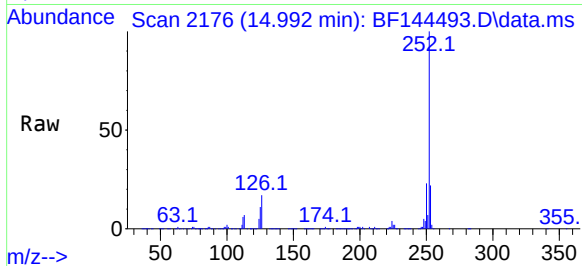




#89
Benzo(k)fluoranthene
Concen: 40.136 ng
RT: 14.992 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

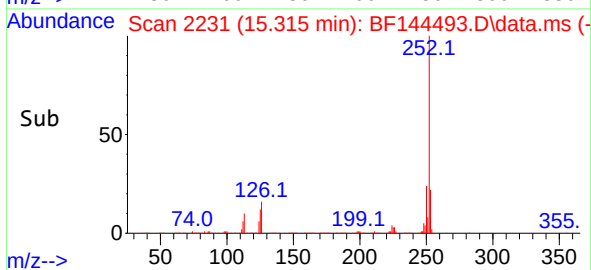
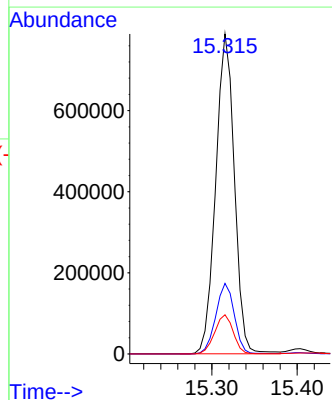
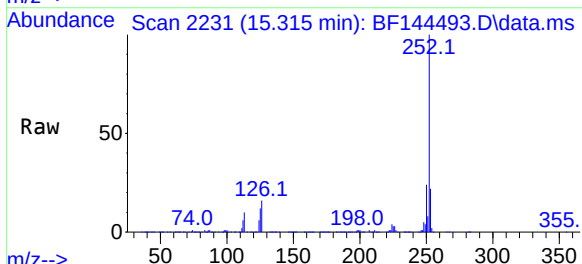
Instrument :
BNA_F
ClientSampleId :
PB170956BS

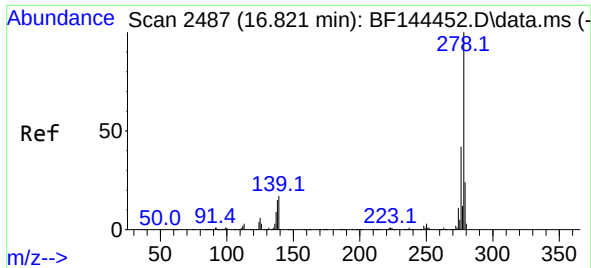
Tgt Ion:252 Resp: 1106646
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.3 9.7 14.5



#90
Benzo(a)pyrene
Concen: 47.093 ng
RT: 15.315 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:252 Resp: 1200353
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 12.3 9.9 14.9

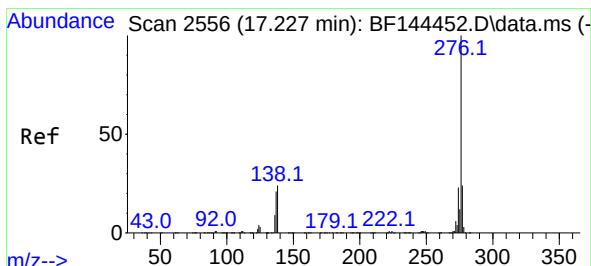
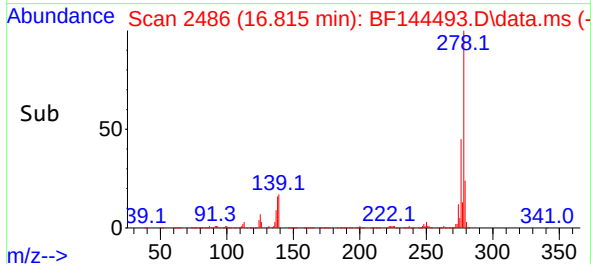
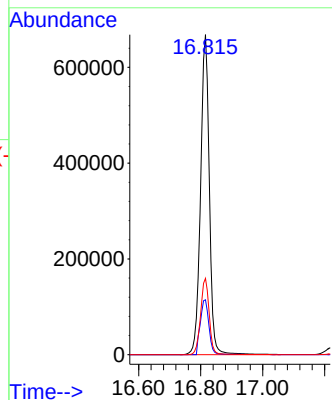
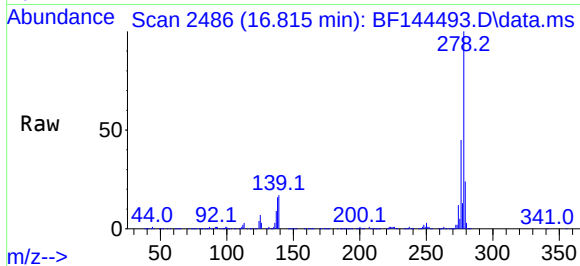




#91
Dibenzo(a,h)anthracene
Concen: 51.004 ng
RT: 16.815 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB170956BS

Tgt Ion:278 Resp: 1313278
Ion Ratio Lower Upper
278 100
139 17.2 13.6 20.4
279 23.8 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 51.473 ng
RT: 17.221 min Scan# 2555
Delta R.T. -0.006 min
Lab File: BF144493.D
Acq: 16 Dec 2025 14:14

Tgt Ion:276 Resp: 1347604
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 23.4 19.4 29.2

