

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144326.D
 Acq On : 24 Nov 2025 16:20
 Operator : RC/JU
 Sample : Q3707-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V933MSD

Quant Time: Nov 25 00:24:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	54624	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	215864	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	121102	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	208077	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	137029	20.000	ng	0.00
86) Perylene-d12	15.527	264	164174	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	168183	48.181	ng	0.00
7) Phenol-d6	6.499	99	263644	66.658	ng	0.00
23) Nitrobenzene-d5	7.428	82	197868	52.940	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	58449	38.461	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	404991	49.392	ng	0.00
79) Terphenyl-d14	12.980	244	426736	49.466	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	66143	45.833	ng	98
3) Pyridine	3.434	79	180336	44.791	ng	97
4) n-Nitrosodimethylamine	3.387	42	99694	47.404	ng	90
6) Aniline	6.528	93	188120	33.383	ng	98
8) 2-Chlorophenol	6.651	128	156619	45.752	ng	99
9) Benzaldehyde	6.416	77	84091	37.652	ng	98
10) Phenol	6.510	94	222089	45.959	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	164978	46.853	ng	99
12) 1,3-Dichlorobenzene	6.804	146	194430	46.028	ng	96
13) 1,4-Dichlorobenzene	6.881	146	195544	46.207	ng	100
14) 1,2-Dichlorobenzene	7.034	146	189364	46.685	ng	98
15) Benzyl Alcohol	7.004	79	146526	46.786	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	309649	47.754	ng	92
17) 2-Methylphenol	7.116	107	128764	47.282	ng	97
18) Hexachloroethane	7.375	117	63315	45.033	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	117230	45.024	ng	99
20) 3+4-Methylphenols	7.275	107	144498	45.011	ng	94
22) Acetophenone	7.275	105	204726	44.210	ng	98
24) Nitrobenzene	7.446	77	179427	44.214	ng	97
25) Isophorone	7.687	82	320967	45.400	ng	98
26) 2-Nitrophenol	7.763	139	94686	47.134	ng	97
27) 2,4-Dimethylphenol	7.798	122	155426	51.620	ng	99
28) bis(2-Chloroethoxy)met...	7.893	93	206577	46.792	ng	98
29) 2,4-Dichlorophenol	8.004	162	151014	43.516	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	159713	44.819	ng	97
31) Naphthalene	8.169	128	453440	44.159	ng	99
32) Benzoic acid	7.922	122	93081	42.174	ng	92
33) 4-Chloroaniline	8.216	127	69186	18.474	ng	97
34) Hexachlorobutadiene	8.281	225	112534	41.903	ng	100
35) Caprolactam	8.592	113	48352	50.856	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	139076	44.717	ng	99
37) 2-Methylnaphthalene	8.857	142	280935	40.920	ng	99
38) 1-Methylnaphthalene	8.957	142	285640	43.120	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	170933	43.068	ng	98
41) Hexachlorocyclopentadiene	9.010	237	150265	91.642	ng	96
43) 2,4,6-Trichlorophenol	9.140	196	121470	44.967	ng	97

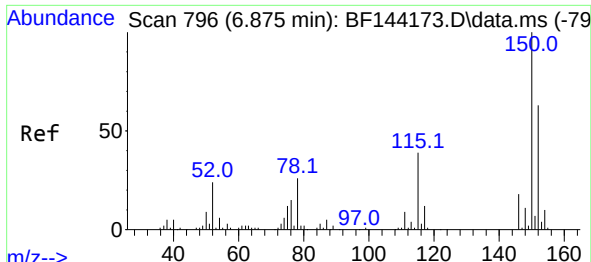
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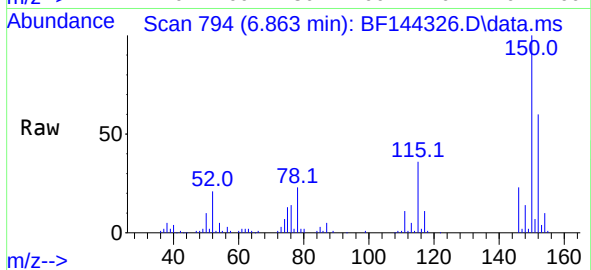
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	127127	43.665	ng	98
46) 1,1'-Biphenyl	9.322	154	377862	44.700	ng	100
47) 2-Chloronaphthalene	9.351	162	317454	44.025	ng	98
48) 2-Nitroaniline	9.445	65	99746	47.942	ng	99
49) Acenaphthylene	9.769	152	492588	50.130	ng	99
50) Dimethylphthalate	9.622	163	372317	46.408	ng	99
51) 2,6-Dinitrotoluene	9.692	165	81646	50.273	ng	91
52) Acenaphthene	9.939	154	268034	40.790	ng	100
53) 3-Nitroaniline	9.857	138	54542	30.722	ng	99
54) 2,4-Dinitrophenol	9.975	184	79178	80.736	ng	95
55) Dibenzofuran	10.110	168	399023	43.358	ng	99
56) 4-Nitrophenol	10.034	139	108599	84.564	ng	95
57) 2,4-Dinitrotoluene	10.098	165	106086	48.795	ng	# 97
58) Fluorene	10.457	166	320519	45.808	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	96323	46.762	ng	98
60) Diethylphthalate	10.322	149	341279	46.145	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	173666	43.572	ng	98
62) 4-Nitroaniline	10.475	138	84756	50.130	ng	92
63) Azobenzene	10.604	77	351341	51.044	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	61956	43.830	ng	94
66) n-Nitrosodiphenylamine	10.563	169	311690	46.574	ng	100
67) 4-Bromophenyl-phenylether	10.934	248	112150	42.227	ng	96
68) Hexachlorobenzene	11.004	284	137753	44.034	ng	98
69) Atrazine	11.092	200	106829	50.194	ng	98
70) Pentachlorophenol	11.204	266	133840	85.917	ng	99
71) Phenanthrene	11.422	178	468568	45.229	ng	100
72) Anthracene	11.475	178	479971	45.563	ng	100
73) Carbazole	11.628	167	423160	47.240	ng	99
74) Di-n-butylphthalate	11.951	149	519771	47.999	ng	100
75) Fluoranthene	12.610	202	491252	45.904	ng	99
77) Benzidine	12.733	184	207618	51.223	ng	99
78) Pyrene	12.845	202	490645	44.408	ng	100
80) Butylbenzylphthalate	13.457	149	187190	48.884	ng	97
81) Benzo(a)anthracene	14.033	228	434525	45.753	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	69515	21.354	ng	99
83) Chrysene	14.074	228	404897	46.184	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	242744	46.307	ng	98
85) Di-n-octyl phthalate	14.627	149	413956	45.770	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	521774	44.274	ng	97
88) Benzo(b)fluoranthene	15.092	252	415342	44.500	ng	99
89) Benzo(k)fluoranthene	15.121	252	434837	49.774	ng	99
90) Benzo(a)pyrene	15.463	252	417211	48.453	ng	# 99
91) Dibenzo(a,h)anthracene	17.045	278	418978	44.268	ng	99
92) Benzo(g,h,i)perylene	17.486	276	435956	46.644	ng	98

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

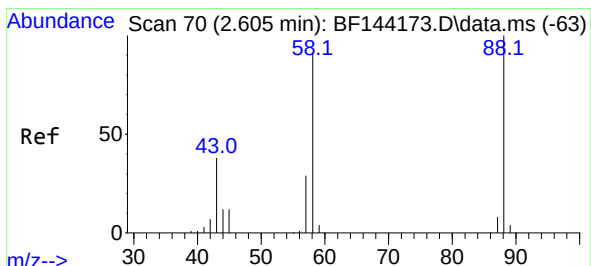
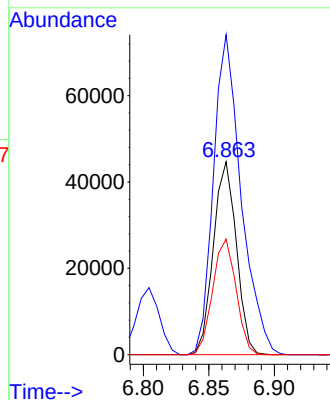
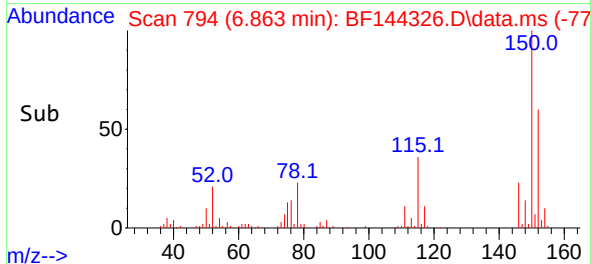


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
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V933MSD

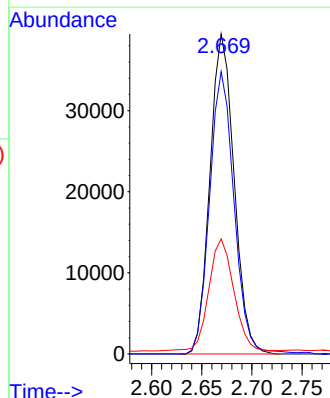
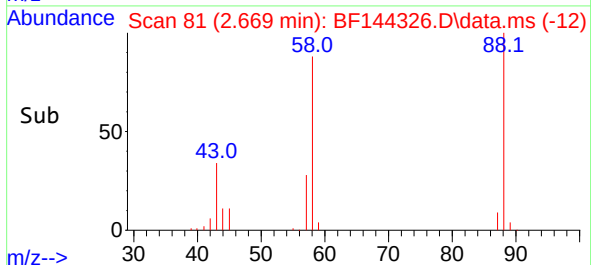
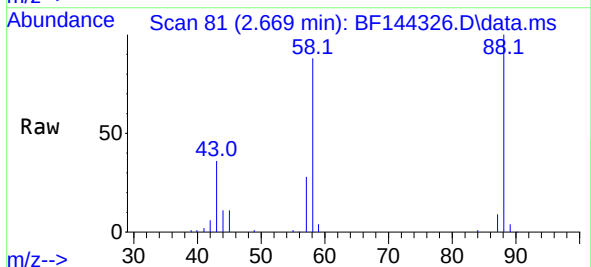


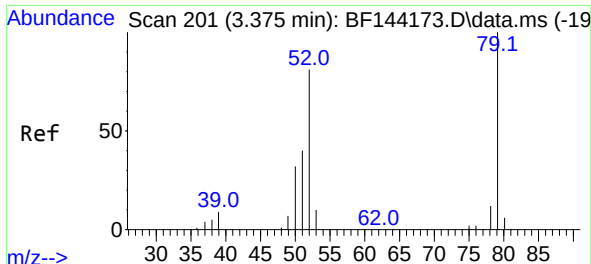
Tgt Ion:152 Resp: 54624
Ion Ratio Lower Upper
152 100
150 165.8 127.4 191.0
115 59.8 49.5 74.3



#2
1,4-Dioxane
Concen: 45.833 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.053 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 88 Resp: 66143
Ion Ratio Lower Upper
88 100
58 89.6 73.1 109.7
43 36.7 31.0 46.6

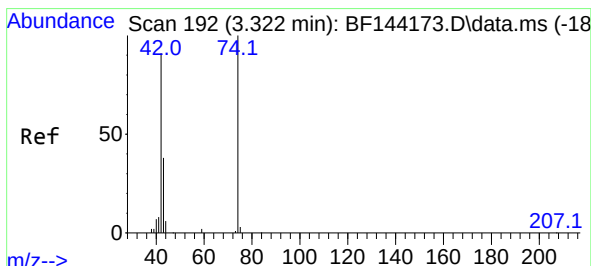
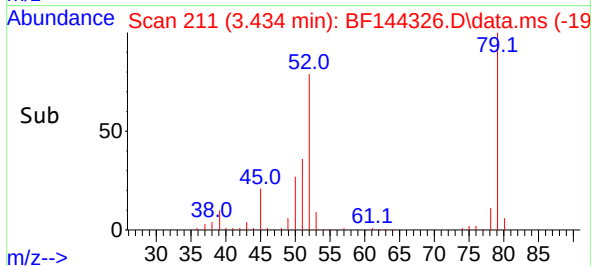
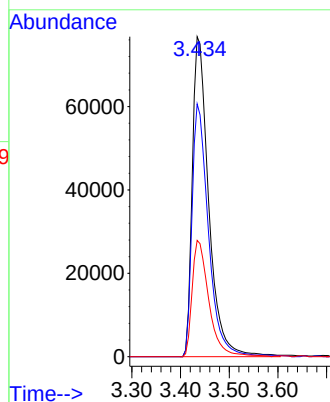
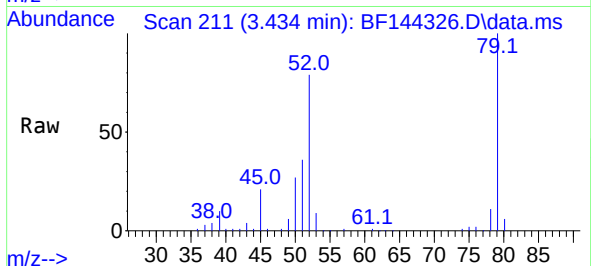




#3
Pyridine
Concen: 44.791 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.024 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

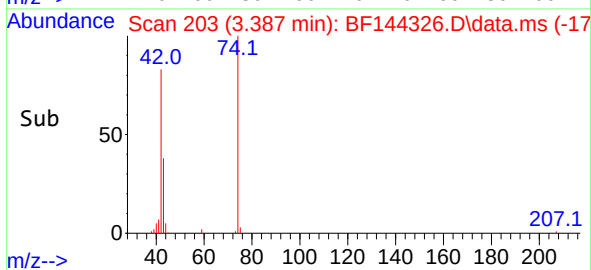
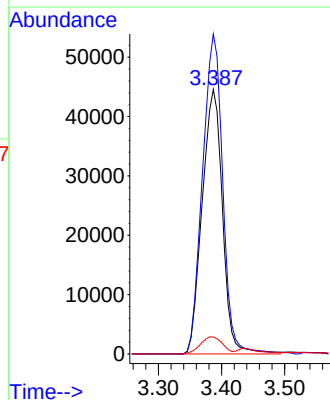
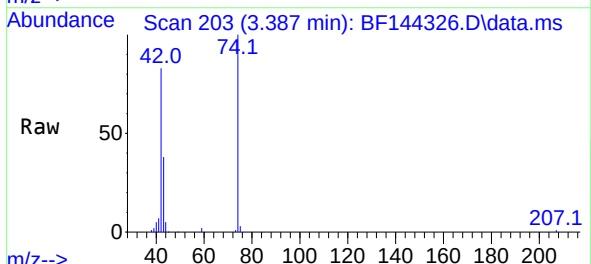
Instrument :
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ClientSampleId :
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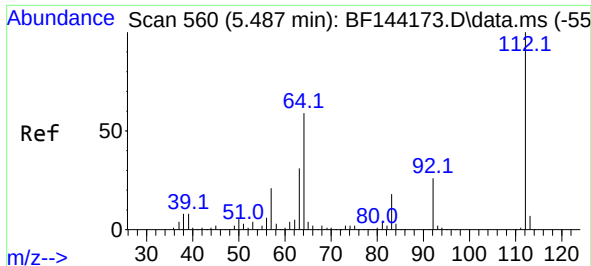
Tgt Ion: 79 Resp: 180336
Ion Ratio Lower Upper
79 100
52 79.0 64.5 96.7
51 36.3 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 47.404 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.041 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 42 Resp: 99694
Ion Ratio Lower Upper
42 100
74 121.0 88.2 132.4
44 6.4 5.7 8.5

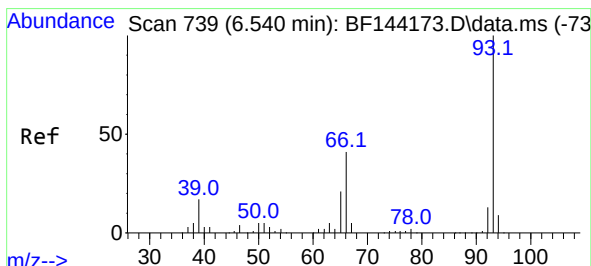
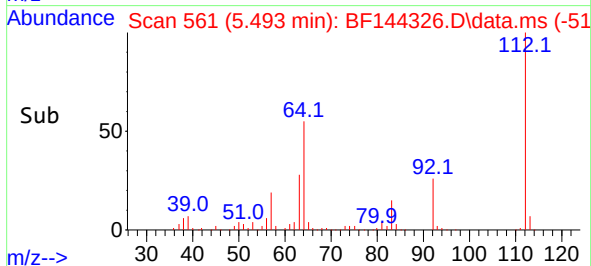
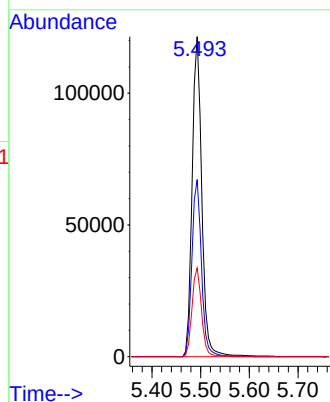
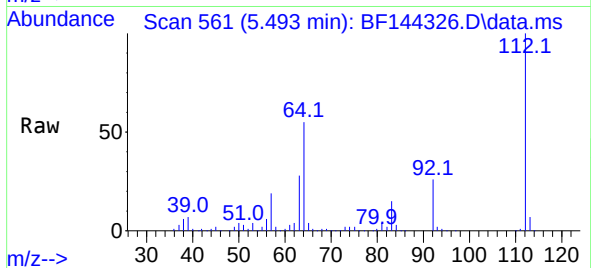




#5
2-Fluorophenol
Concen: 48.181 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

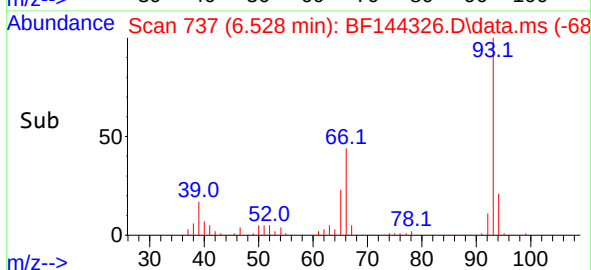
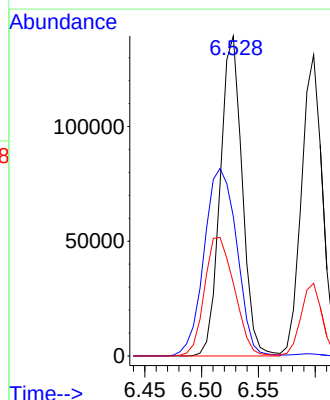
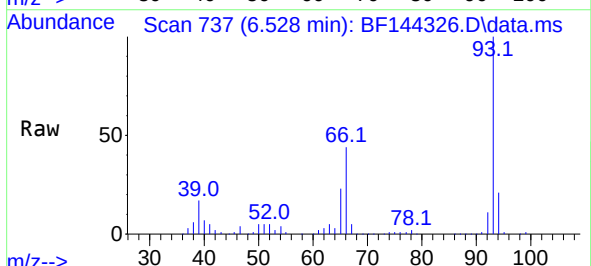
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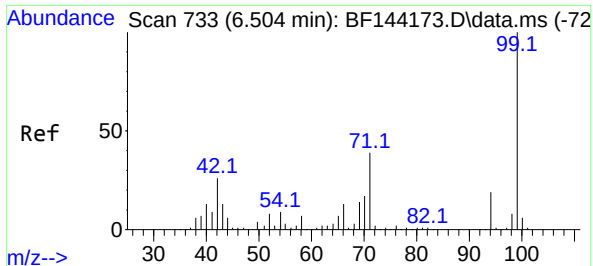
Tgt Ion:112 Resp: 168183
Ion Ratio Lower Upper
112 100
64 55.4 47.2 70.8
63 27.7 24.4 36.6



#6
Aniline
Concen: 33.383 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 93 Resp: 188120
Ion Ratio Lower Upper
93 100
66 43.6 34.3 51.5
65 22.8 16.9 25.3

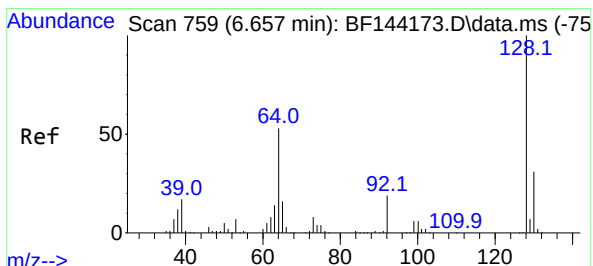
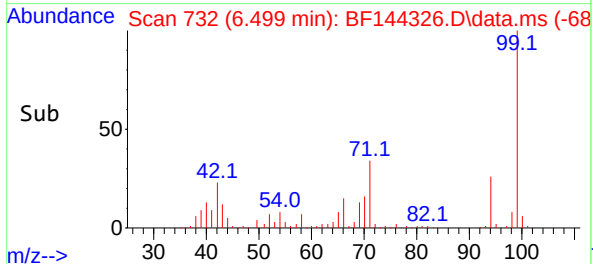
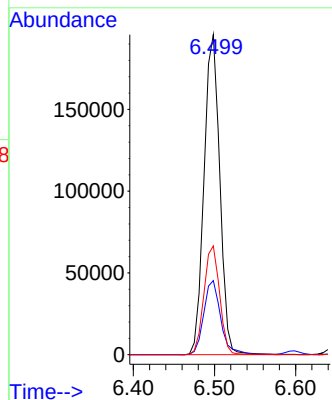
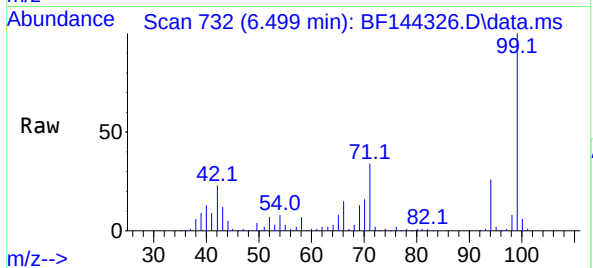




#7
Phenol-d6
Concen: 66.658 ng
RT: 6.499 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

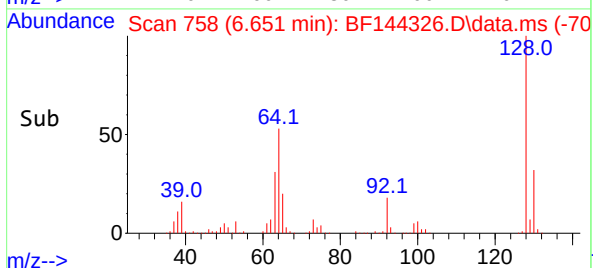
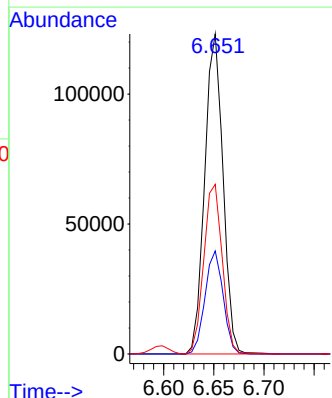
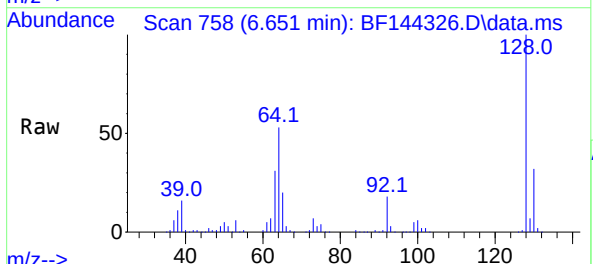
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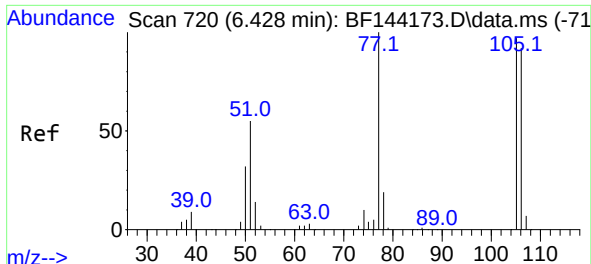
Tgt Ion: 99 Resp: 263644
Ion Ratio Lower Upper
99 100
42 23.2 20.9 31.3
71 34.0 31.4 47.2



#8
2-Chlorophenol
Concen: 45.752 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 128 Resp: 156619
Ion Ratio Lower Upper
128 100
130 32.2 10.5 50.5
64 53.0 33.2 73.2

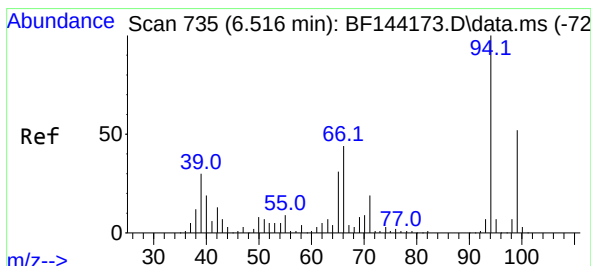
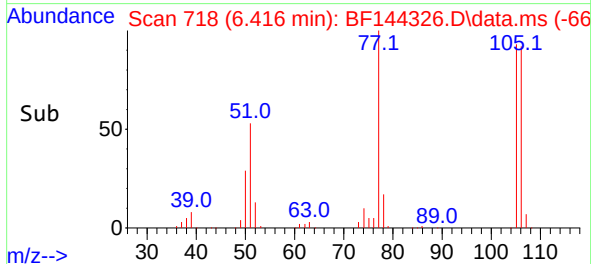
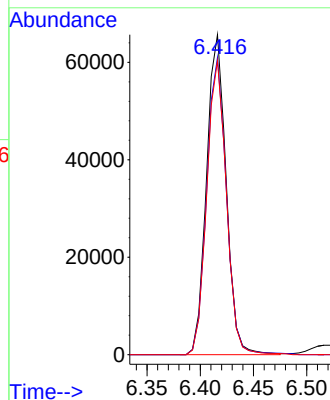
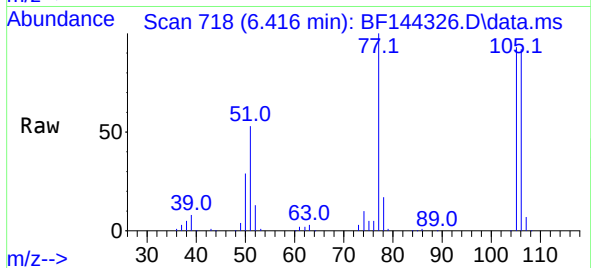




#9
Benzaldehyde
Concen: 37.652 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

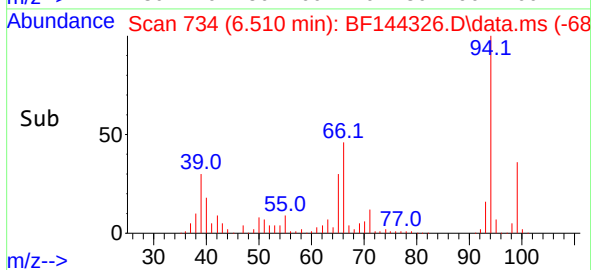
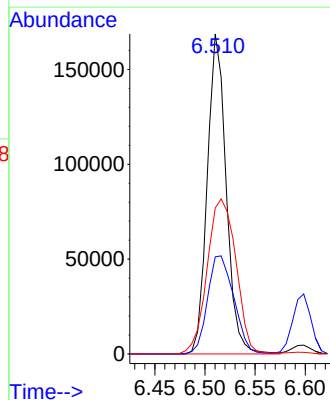
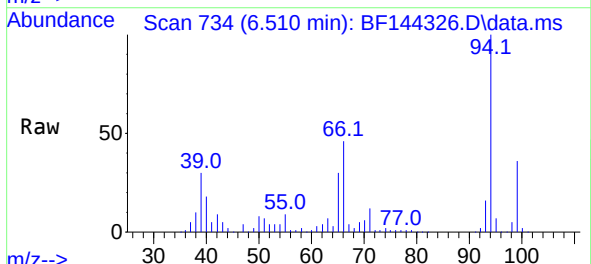
Instrument :
BNA_F
ClientSampleId :
V933MSD

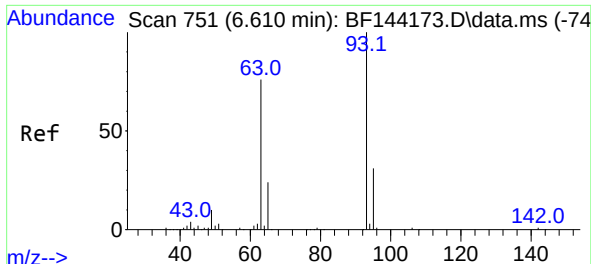
Tgt Ion: 77 Resp: 84091
Ion Ratio Lower Upper
77 100
105 92.9 77.2 117.2
106 91.8 72.2 112.2



#10
Phenol
Concen: 45.959 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 94 Resp: 222089
Ion Ratio Lower Upper
94 100
65 30.4 10.8 50.8
66 45.6 24.3 64.3

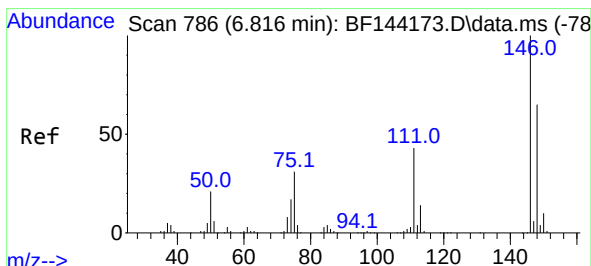
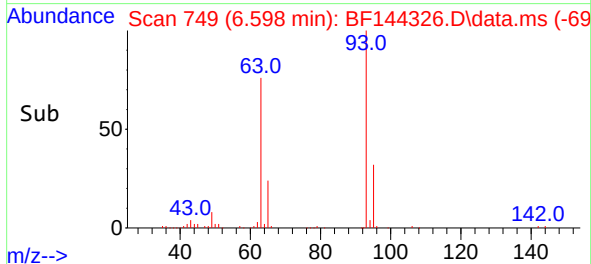
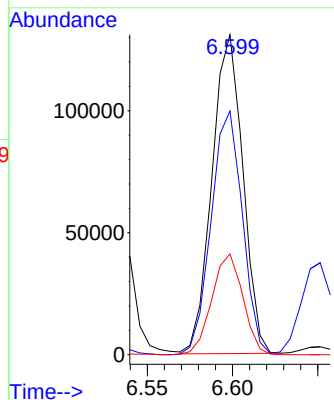
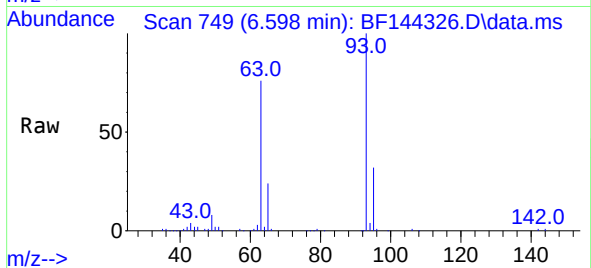




#11
bis(2-Chloroethyl)ether
Concen: 46.853 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

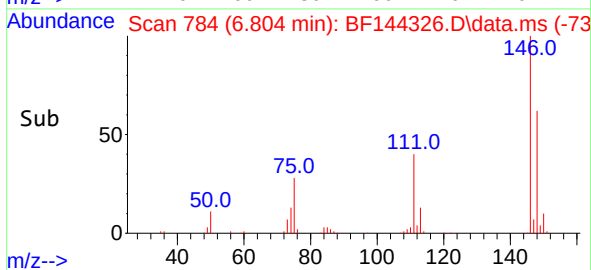
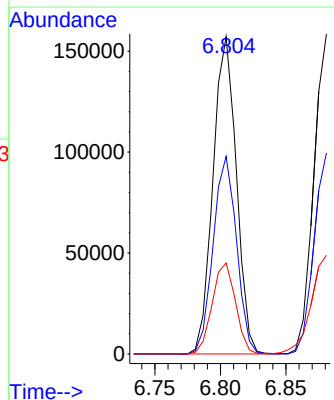
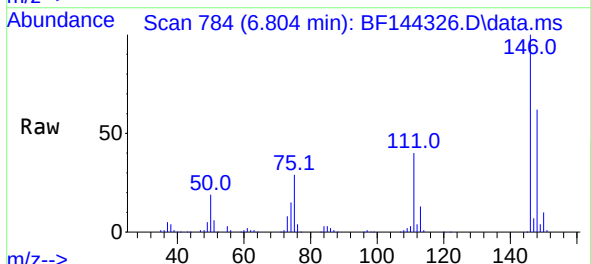
Instrument :
BNA_F
ClientSampleId :
V933MSD

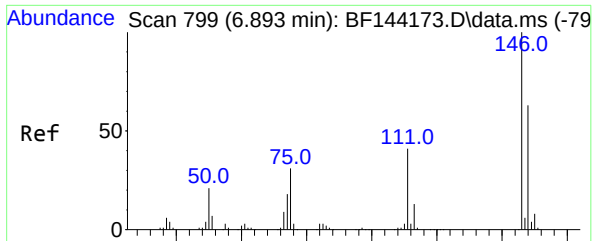
Tgt Ion: 93 Resp: 164978
Ion Ratio Lower Upper
93 100
63 76.1 55.2 95.2
95 31.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 46.028 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:146 Resp: 194430
Ion Ratio Lower Upper
146 100
148 62.3 51.8 77.8
75 28.7 25.0 37.4

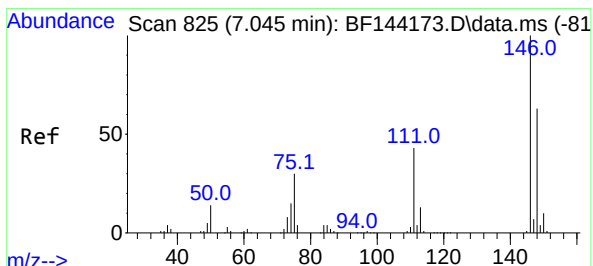
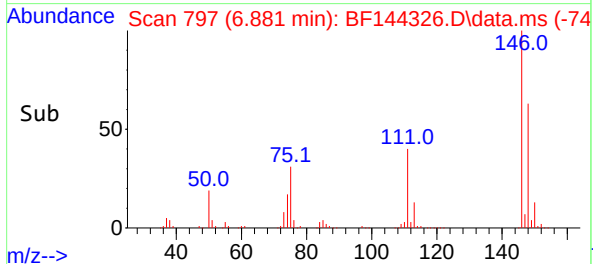
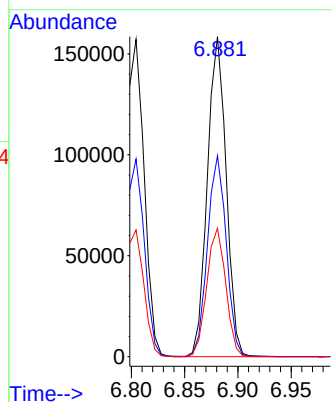
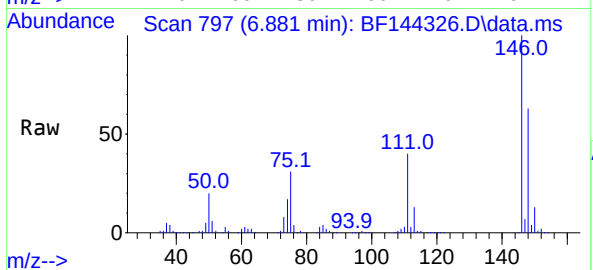




#13
1,4-Dichlorobenzene
Concen: 46.207 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

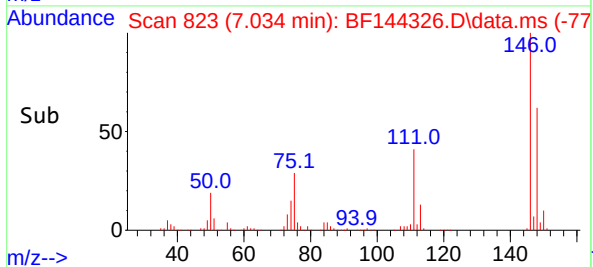
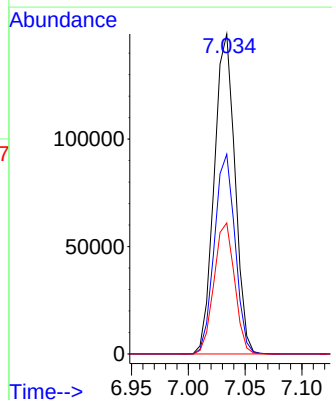
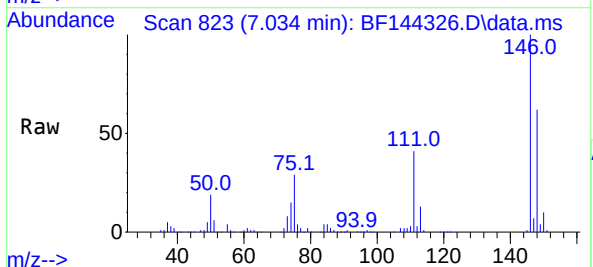
Instrument :
BNA_F
ClientSampleId :
V933MSD

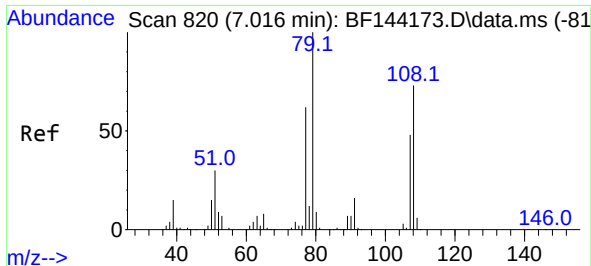
Tgt Ion:146 Resp: 195544
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
111 40.2 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 46.685 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:146 Resp: 189364
Ion Ratio Lower Upper
146 100
148 62.4 50.7 76.1
111 41.0 34.2 51.4

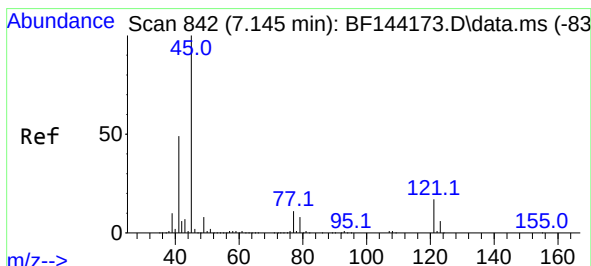
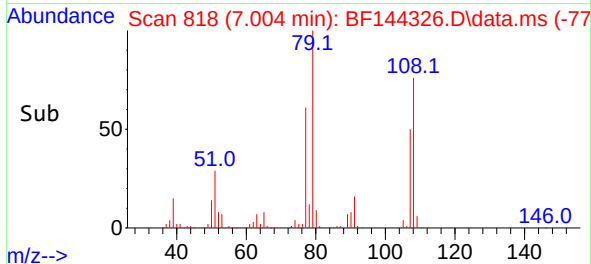
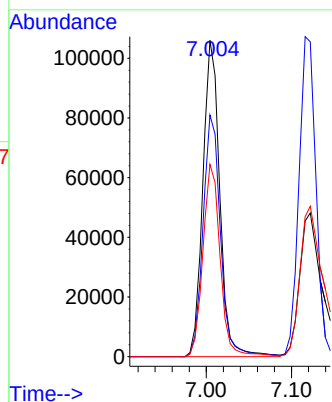
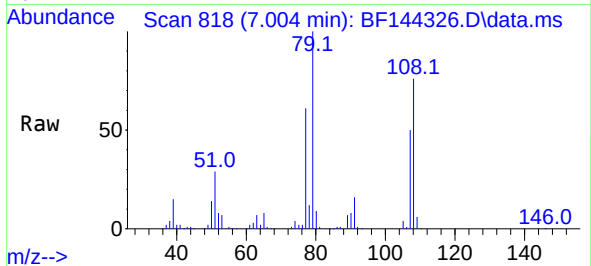




#15
Benzyl Alcohol
Concen: 46.786 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

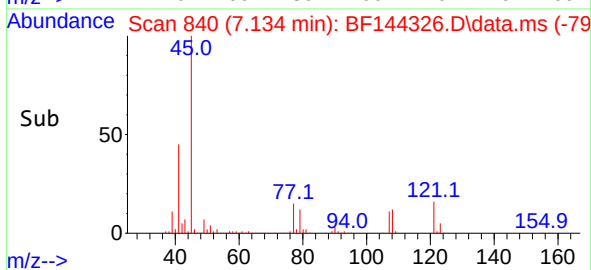
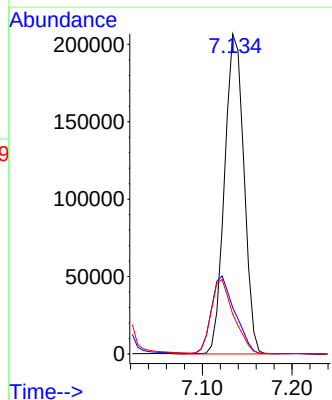
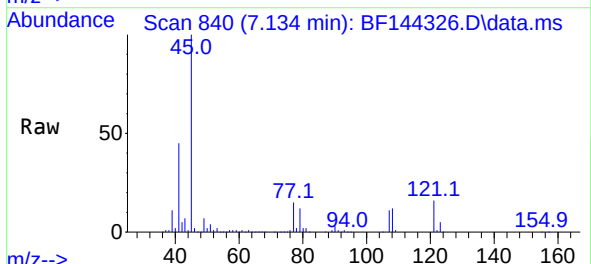
Instrument :
BNA_F
ClientSampleId :
V933MSD

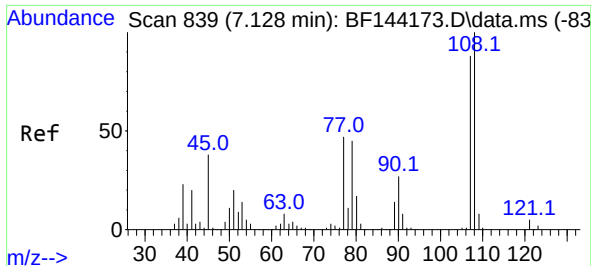
Tgt Ion: 79 Resp: 146526
Ion Ratio Lower Upper
79 100
108 76.4 58.2 87.4
77 60.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.754 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 45 Resp: 309649
Ion Ratio Lower Upper
45 100
77 14.5 0.0 31.8
79 12.4 0.0 29.1



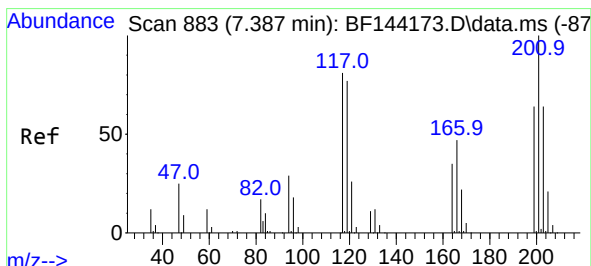
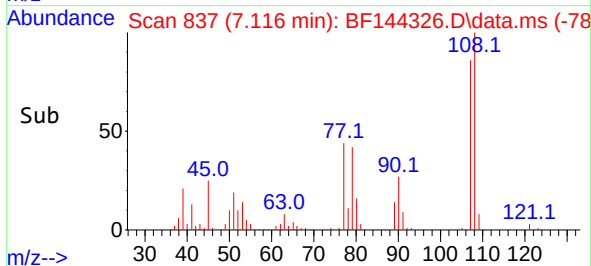
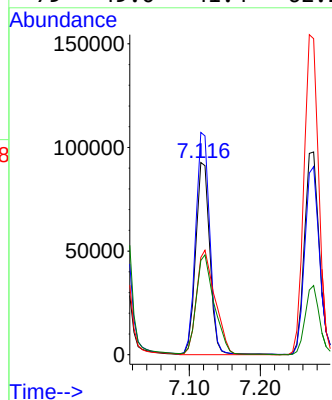
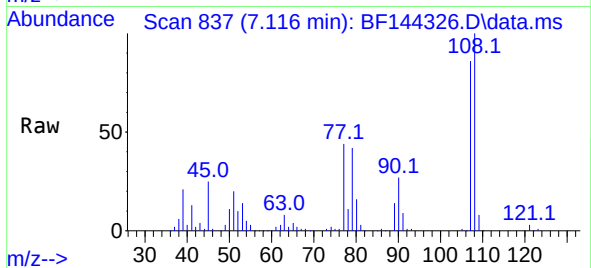


#17
2-Methylphenol
Concen: 47.282 ng
RT: 7.116 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
ClientSampleId :
V933MSD

Tgt Ion:107 Resp: 128764

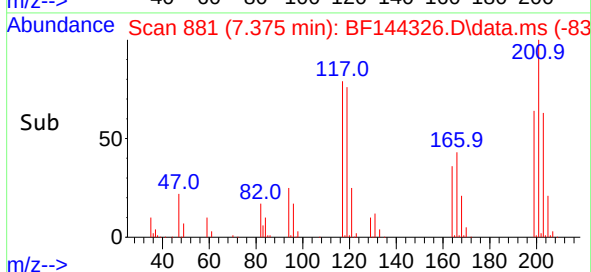
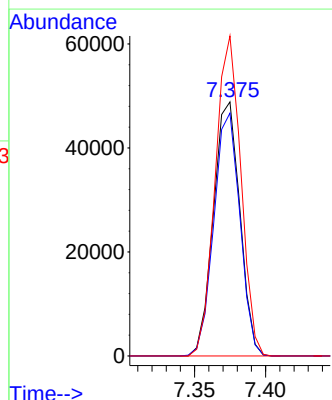
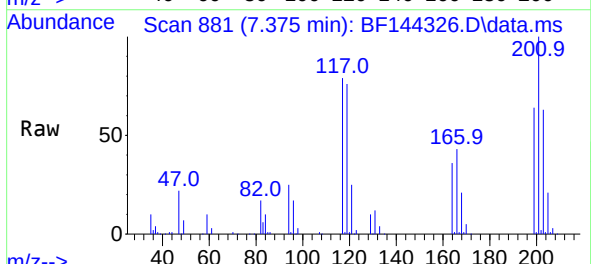
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	50.6	42.7	64.1
79	49.0	41.4	62.2

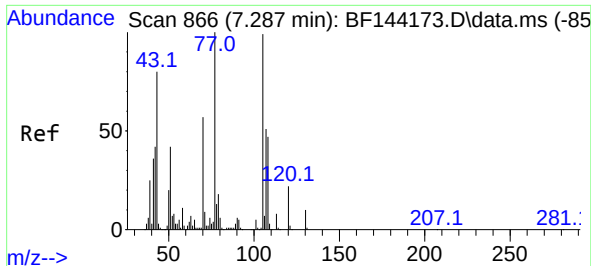


#18
Hexachloroethane
Concen: 45.033 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:117 Resp: 63315

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	126.0	98.9	148.3



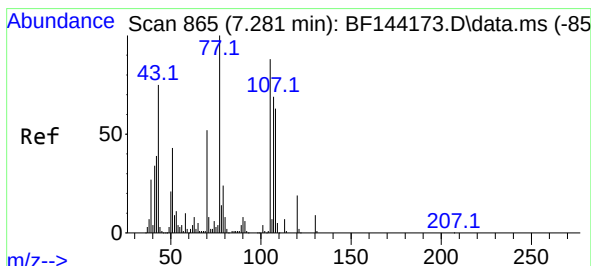
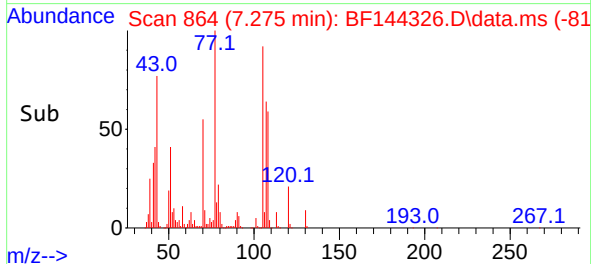
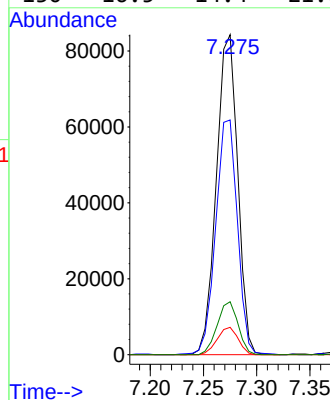
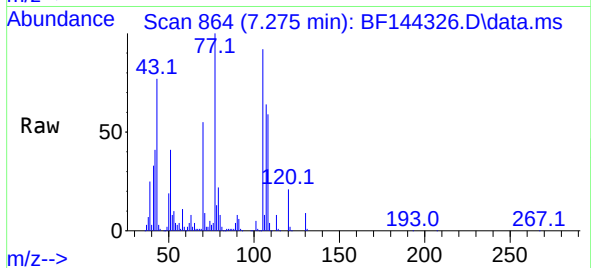


#19
n-Nitroso-di-n-propylamine
Concen: 45.024 ng
RT: 7.275 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
ClientSampleId :
V933MSD

Tgt Ion: 70 Resp: 117230

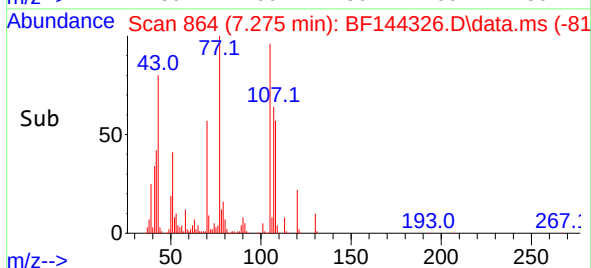
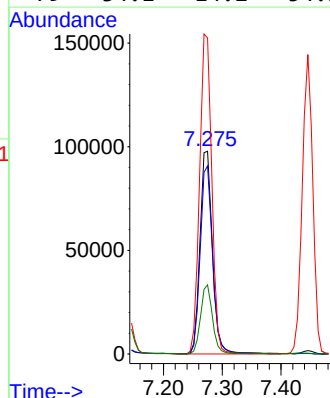
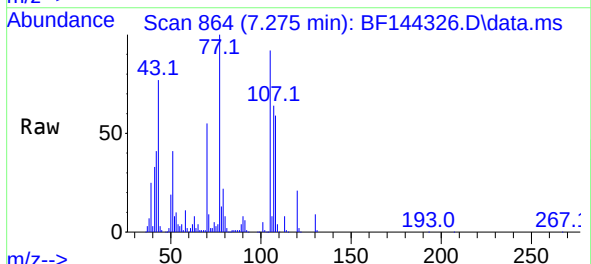
Ion	Ratio	Lower	Upper
70	100		
42	73.4	58.3	87.5
101	8.5	7.0	10.6
130	16.5	14.4	21.6

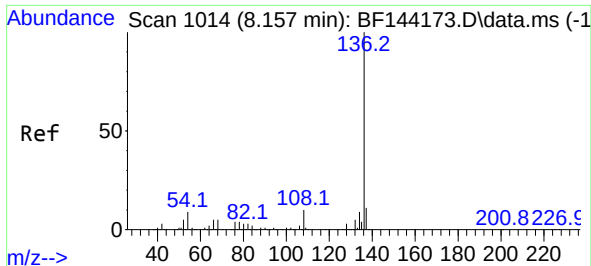


#20
3+4-Methylphenols
Concen: 45.011 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 107 Resp: 144498

Ion	Ratio	Lower	Upper
107	100		
108	92.7	70.2	110.2
77	155.9	123.9	163.9
79	34.1	14.2	54.2



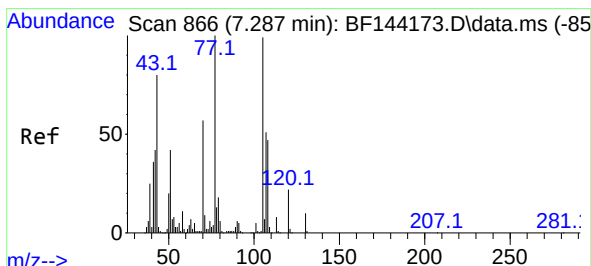
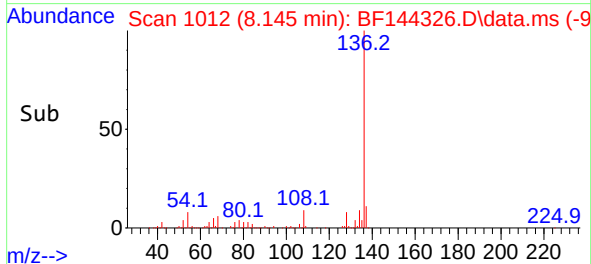
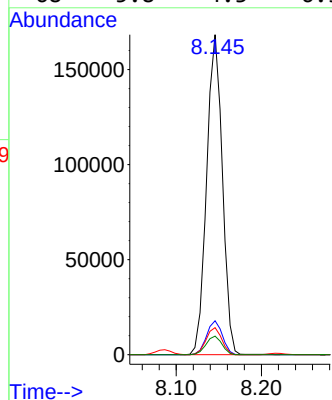
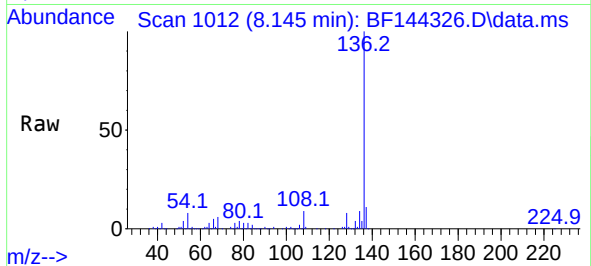


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
ClientSampleId :
V933MSD

Tgt Ion:136 Resp: 215864

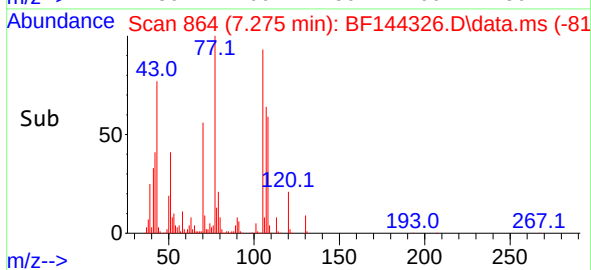
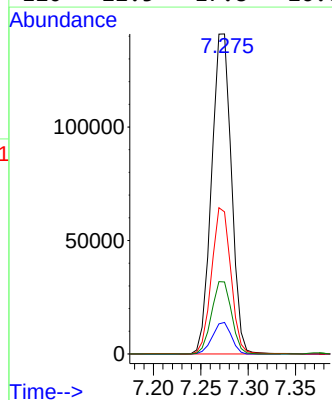
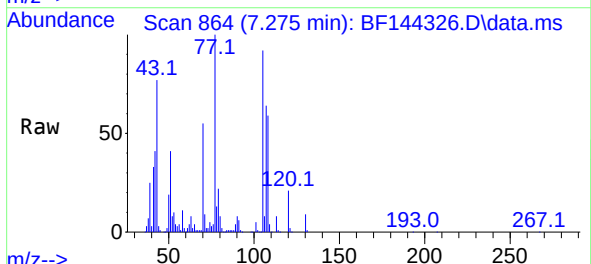
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.4	7.0	10.6
68	5.8	4.3	6.5

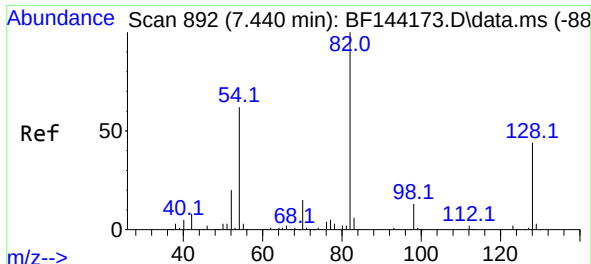


#22
Acetophenone
Concen: 44.210 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:105 Resp: 204726

Ion	Ratio	Lower	Upper
105	100		
71	9.8	7.2	10.8
51	44.4	34.0	51.0
120	22.5	17.8	26.6

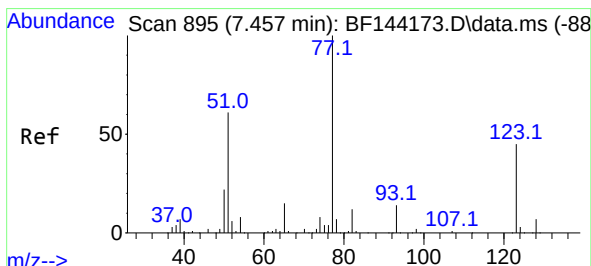
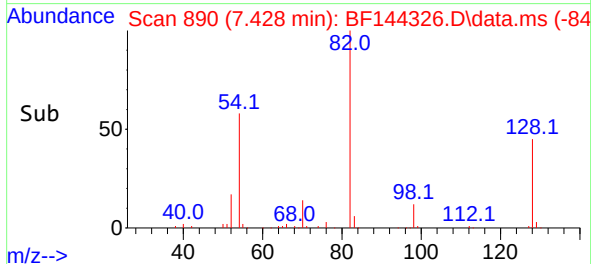
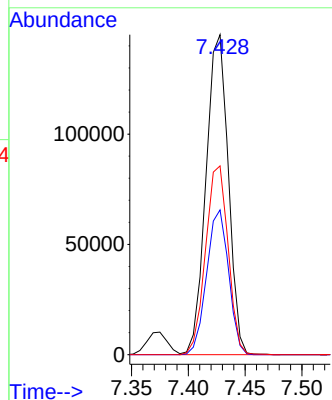
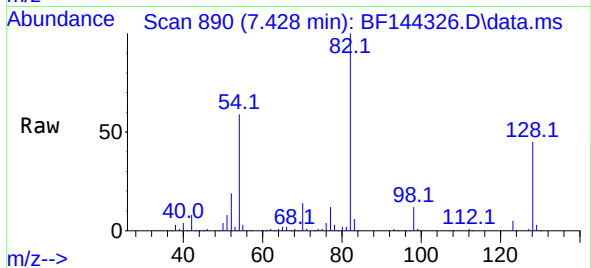




#23
Nitrobenzene-d5
Concen: 52.940 ng
RT: 7.428 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

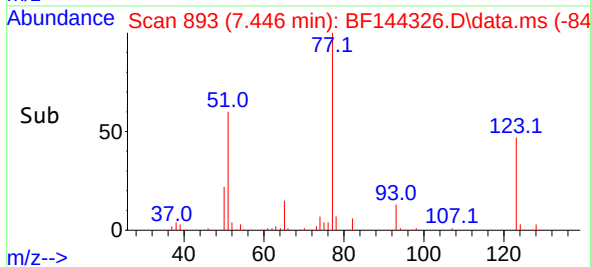
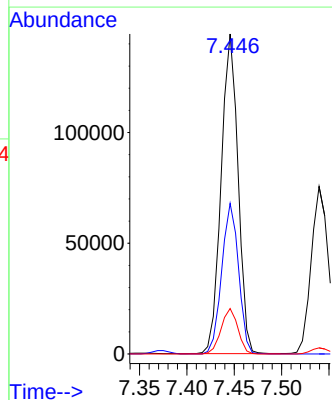
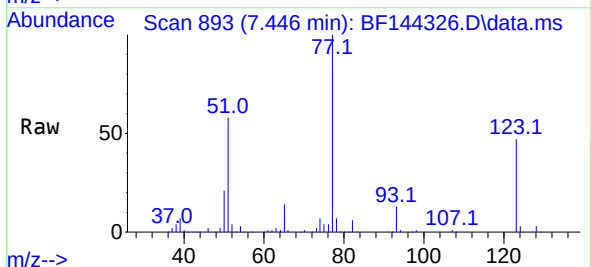
Instrument :
BNA_F
ClientSampleId :
V933MSD

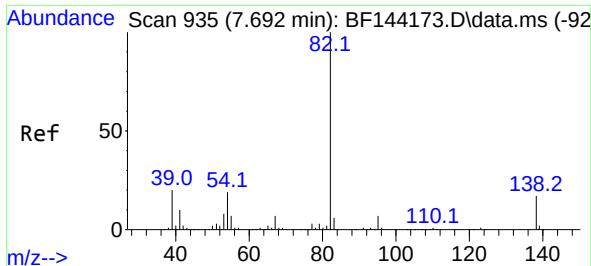
Tgt Ion: 82 Resp: 197868
Ion Ratio Lower Upper
82 100
128 45.3 34.7 52.1
54 59.0 49.5 74.3



#24
Nitrobenzene
Concen: 44.214 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 77 Resp: 179427
Ion Ratio Lower Upper
77 100
123 47.1 35.8 53.8
65 14.2 12.2 18.2

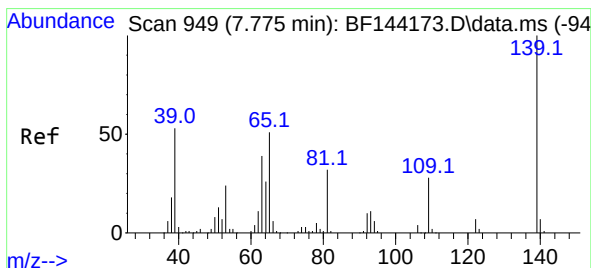
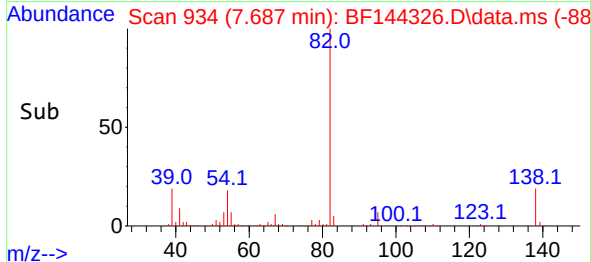
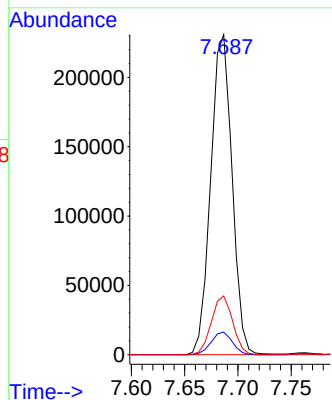
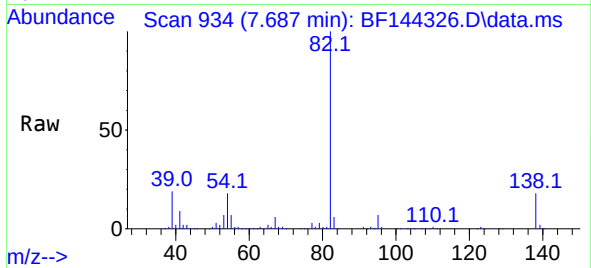




#25
Isophorone
Concen: 45.400 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

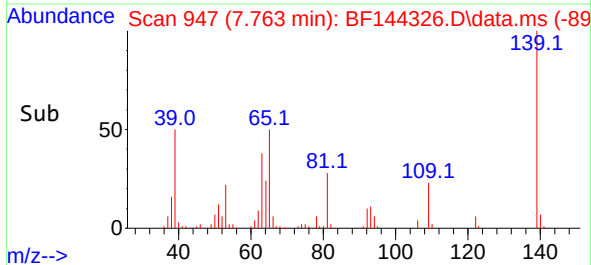
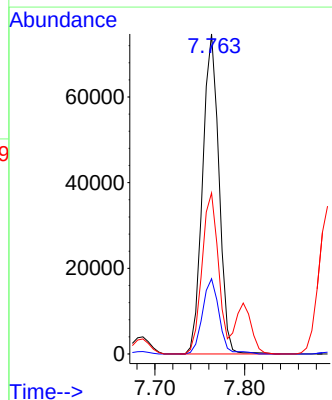
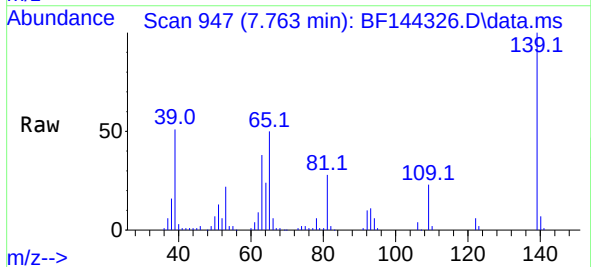
Instrument :
BNA_F
ClientSampleId :
V933MSD

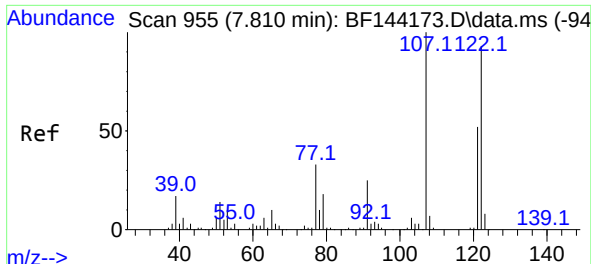
Tgt Ion: 82 Resp: 320967
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.4 13.7 20.5



#26
2-Nitrophenol
Concen: 47.134 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:139 Resp: 94686
Ion Ratio Lower Upper
139 100
109 23.5 22.2 33.2
65 50.3 40.7 61.1

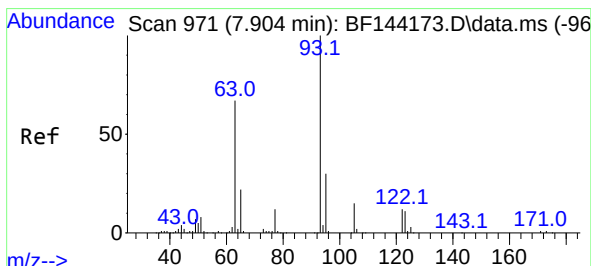
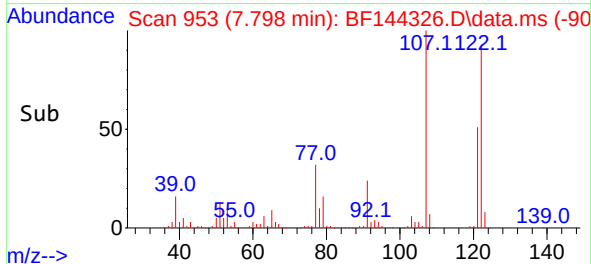
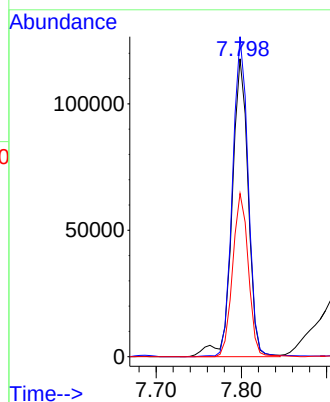
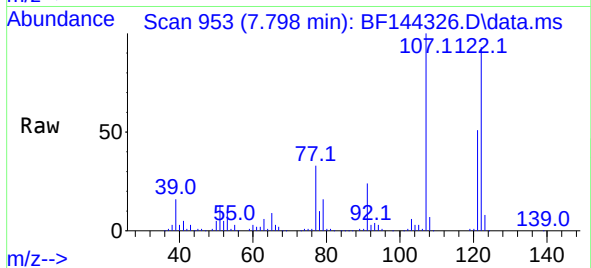




#27
2,4-Dimethylphenol
Concen: 51.620 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

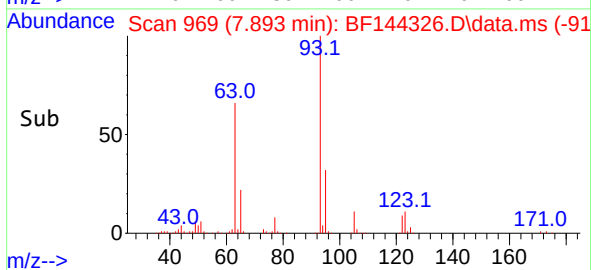
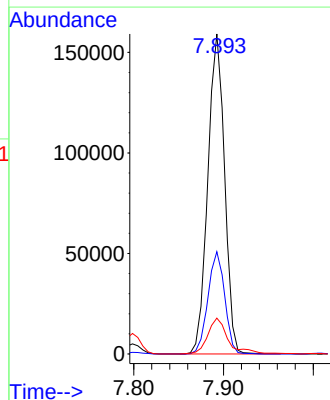
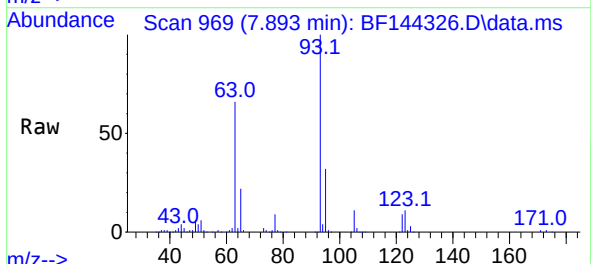
Instrument :
BNA_F
ClientSampleId :
V933MSD

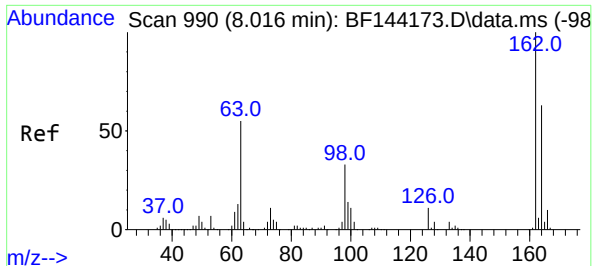
Tgt Ion:122 Resp: 155426
Ion Ratio Lower Upper
122 100
107 107.4 86.2 129.4
121 54.8 44.6 66.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.792 ng
RT: 7.893 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 93 Resp: 206577
Ion Ratio Lower Upper
93 100
95 32.0 24.2 36.4
123 11.2 9.0 13.4

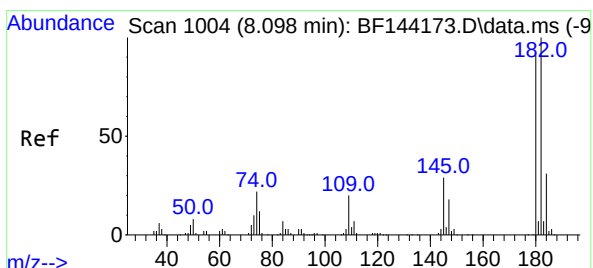
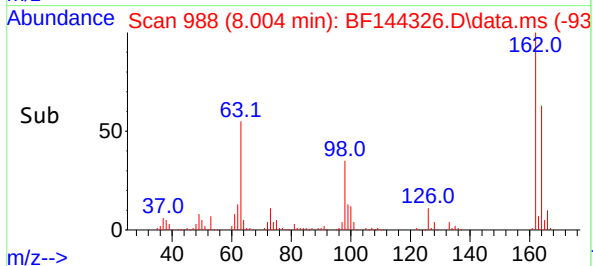
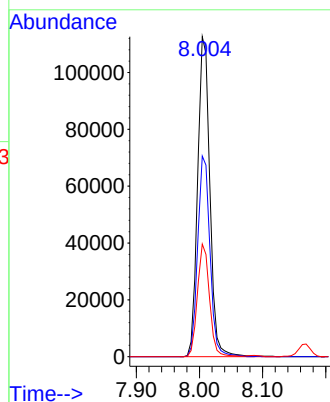
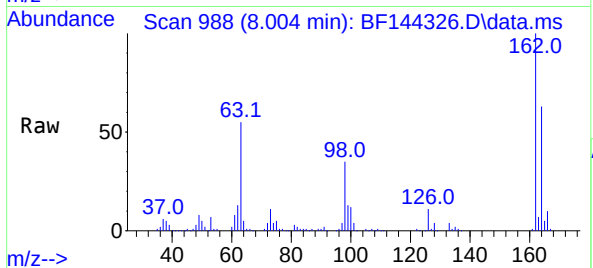




#29
2,4-Dichlorophenol
Concen: 43.516 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

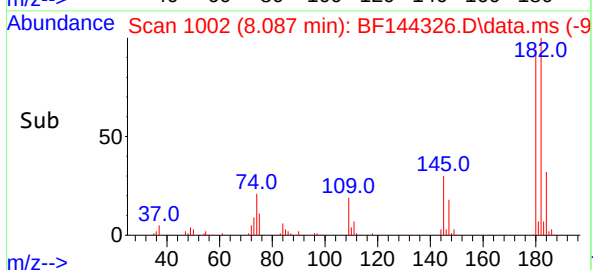
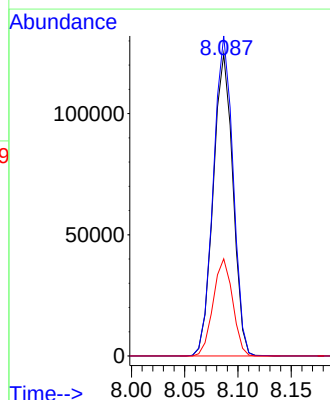
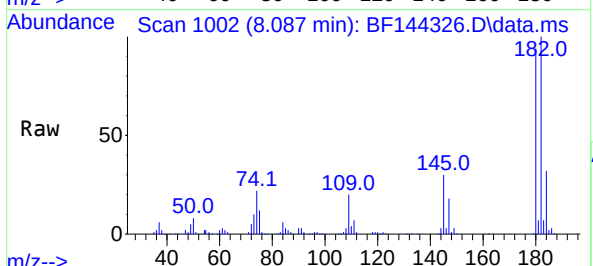
Instrument :
BNA_F
ClientSampleId :
V933MSD

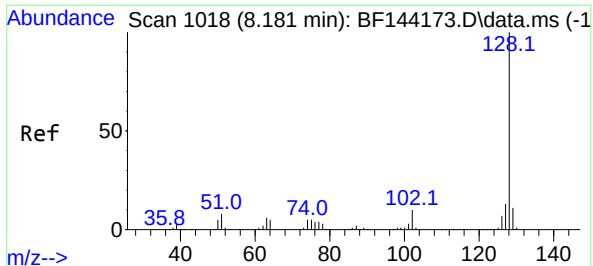
Tgt Ion:162 Resp: 151014
Ion Ratio Lower Upper
162 100
164 62.7 42.9 82.9
98 35.2 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 44.819 ng
RT: 8.087 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:180 Resp: 159713
Ion Ratio Lower Upper
180 100
182 106.0 87.7 131.5
145 32.1 25.4 38.0

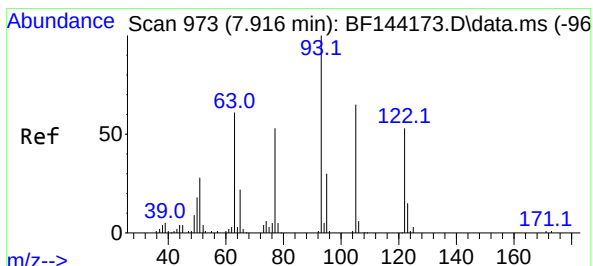
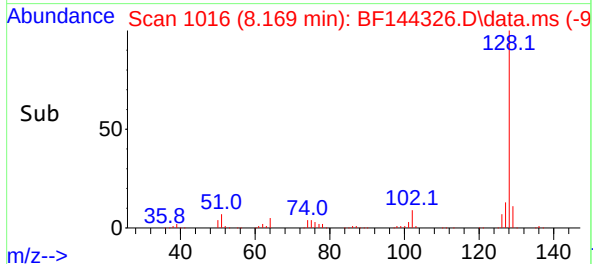
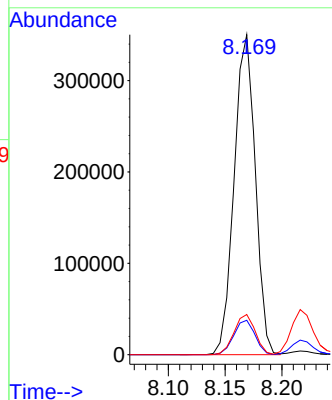
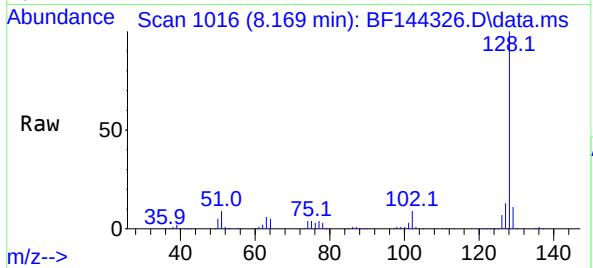




#31
Naphthalene
Concen: 44.159 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

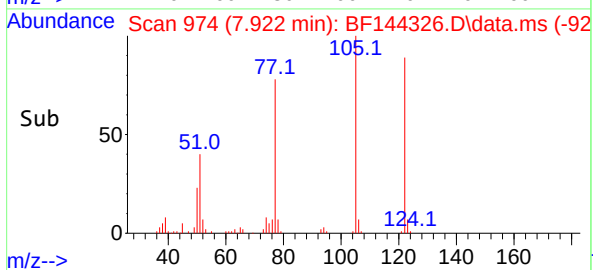
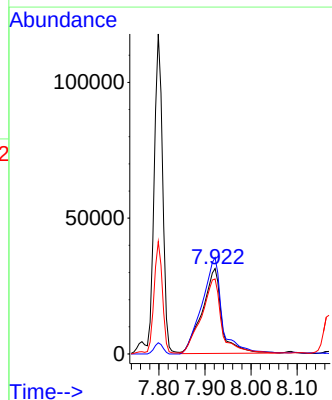
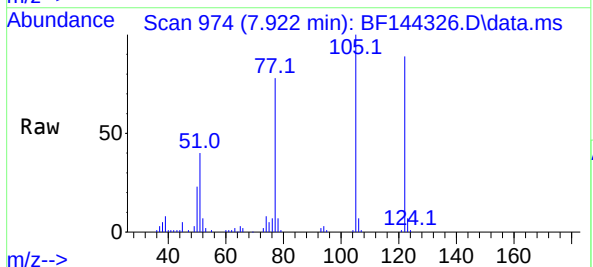
Instrument :
BNA_F
ClientSampleId :
V933MSD

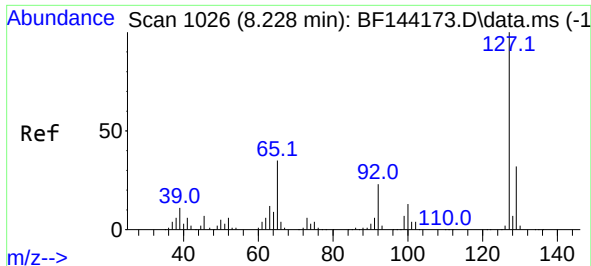
Tgt Ion:128 Resp: 453440
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 42.174 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:122 Resp: 93081
Ion Ratio Lower Upper
122 100
105 112.7 99.9 139.9
77 87.8 77.5 117.5





#33

4-Chloroaniline

Concen: 18.474 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

Instrument :

BNA_F

ClientSampleId :

V933MSD

Tgt Ion:127 Resp: 69186

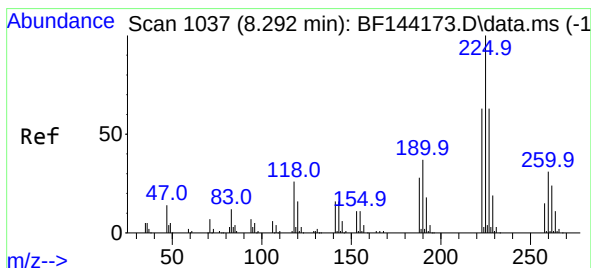
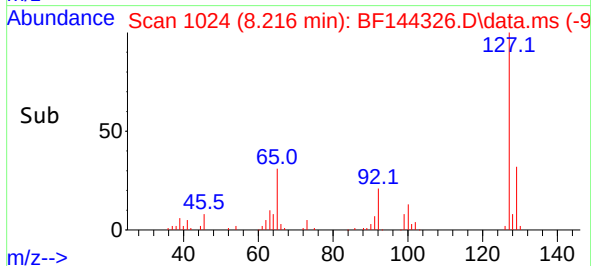
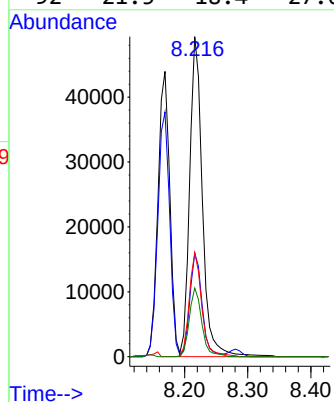
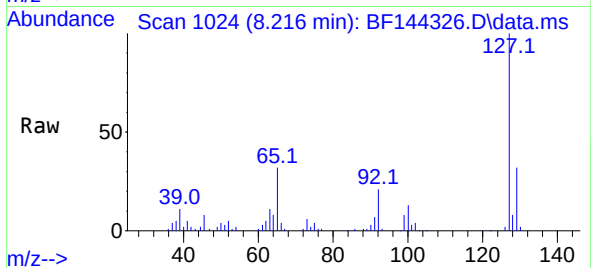
Ion Ratio Lower Upper

127 100

129 32.3 25.3 37.9

65 32.5 27.6 41.4

92 21.5 18.4 27.6



#34

Hexachlorobutadiene

Concen: 41.903 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

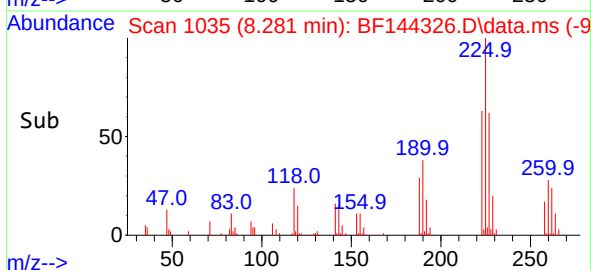
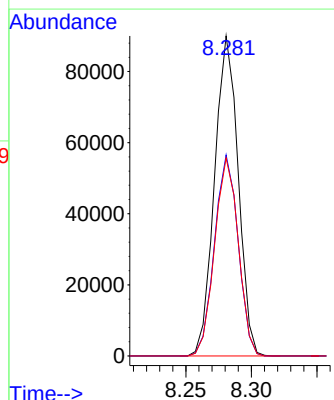
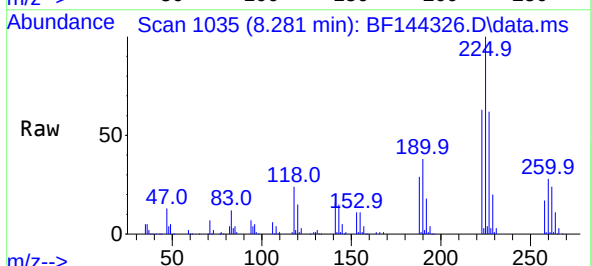
Tgt Ion:225 Resp: 112534

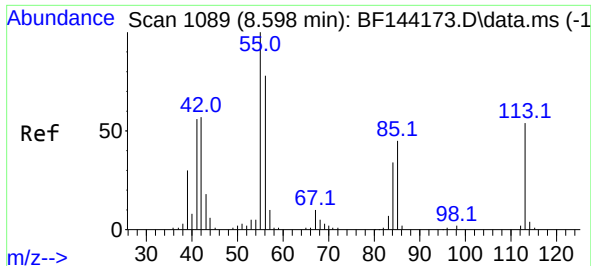
Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

227 61.8 50.1 75.1

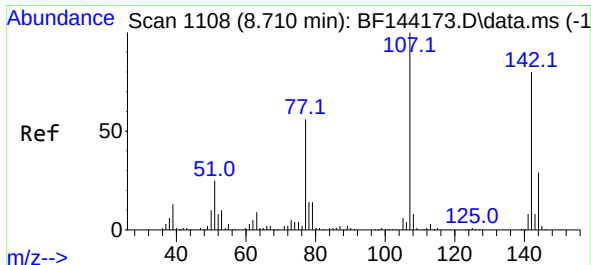
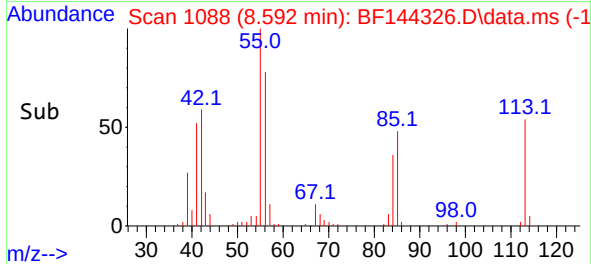
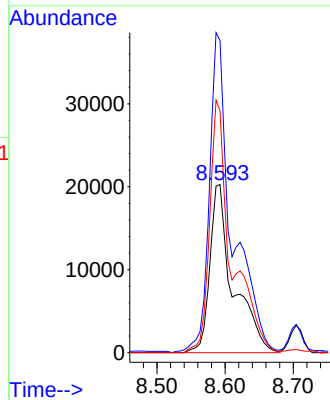
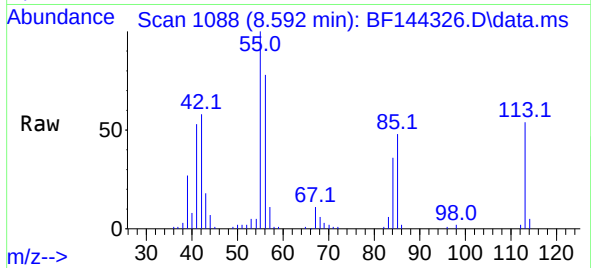




#35
Caprolactam
Concen: 50.856 ng
RT: 8.592 min Scan# 1089
Delta R.T. -0.029 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

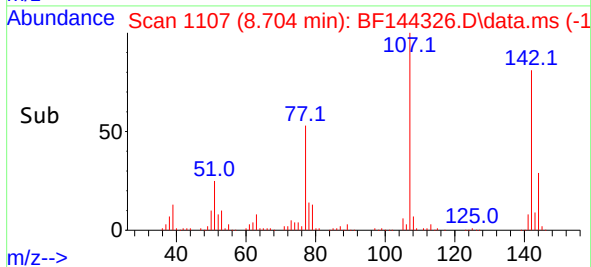
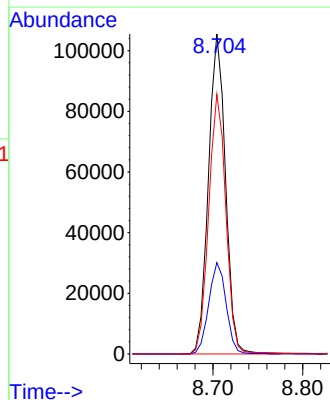
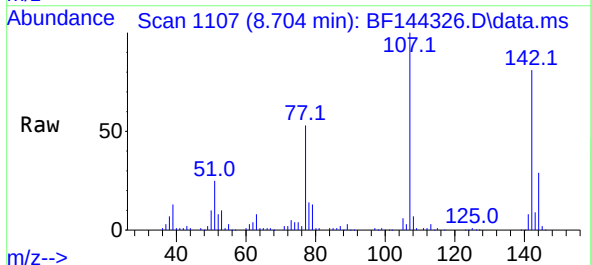
Instrument :
BNA_F
ClientSampleId :
V933MSD

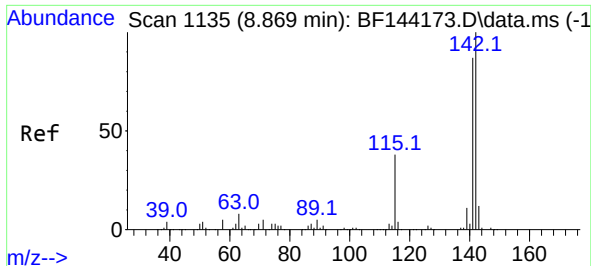
Tgt Ion:113 Resp: 48352
Ion Ratio Lower Upper
113 100
55 185.6 166.8 206.8
56 143.9 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 44.717 ng
RT: 8.704 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:107 Resp: 139076
Ion Ratio Lower Upper
107 100
144 28.5 23.3 34.9
142 81.1 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.920 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

Instrument :

BNA_F

ClientSampleId :

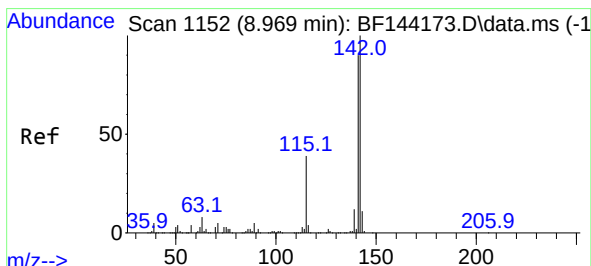
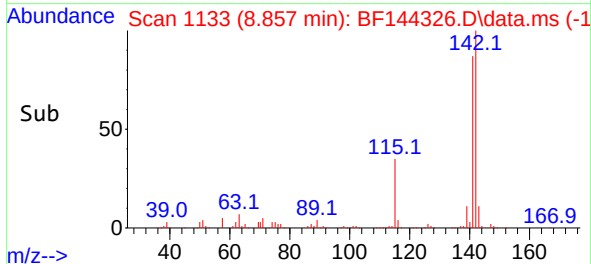
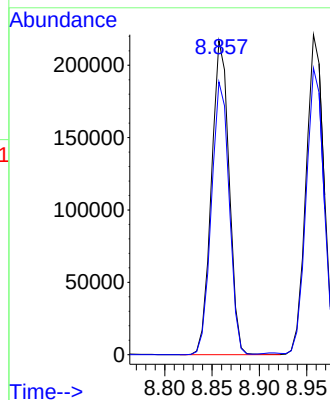
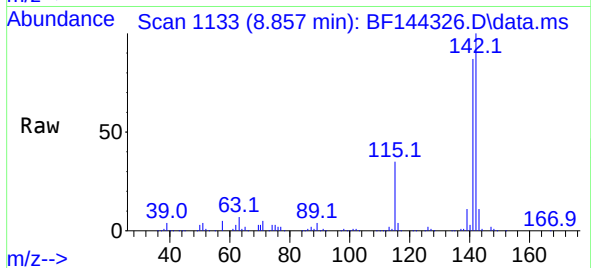
V933MSD

Tgt Ion:142 Resp: 280935

Ion Ratio Lower Upper

142 100

141 86.9 69.9 104.9



#38

1-Methylnaphthalene

Concen: 43.120 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144326.D

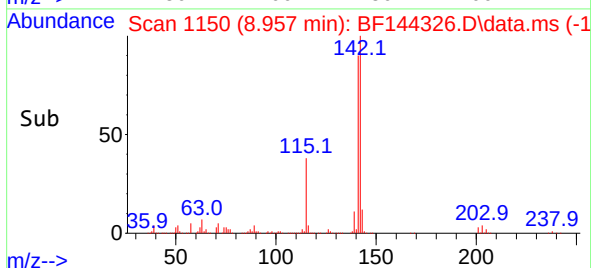
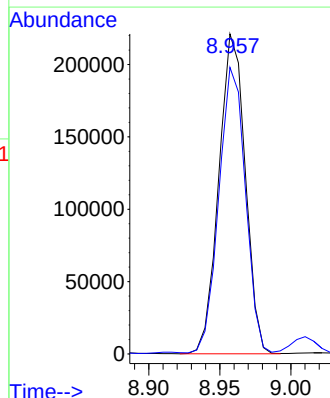
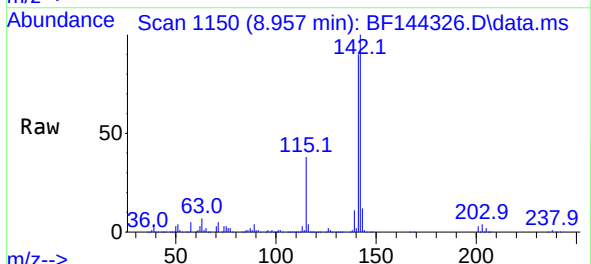
Acq: 24 Nov 2025 16:20

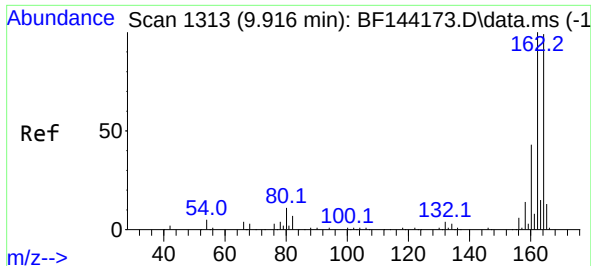
Tgt Ion:142 Resp: 285640

Ion Ratio Lower Upper

142 100

141 89.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

Instrument :

BNA_F

ClientSampleId :

V933MSD

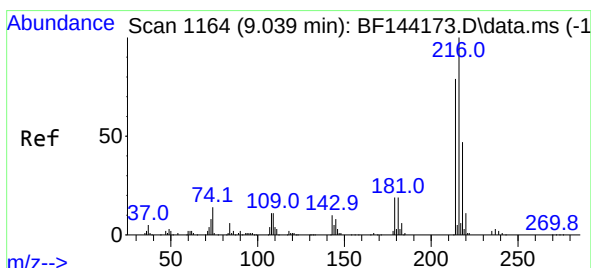
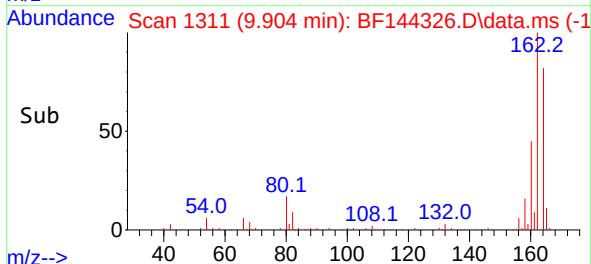
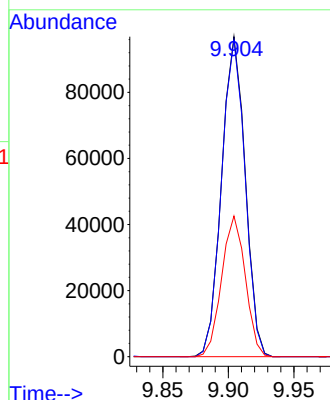
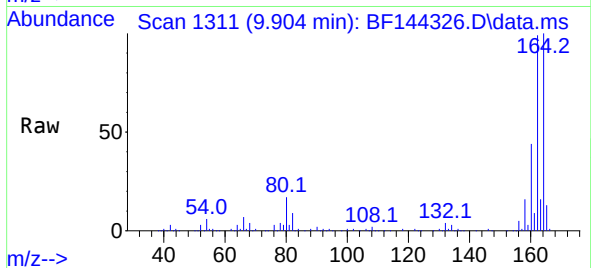
Tgt Ion:164 Resp: 121102

Ion Ratio Lower Upper

164 100

162 99.0 81.1 121.7

160 43.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.068 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

Tgt Ion:216 Resp: 170933

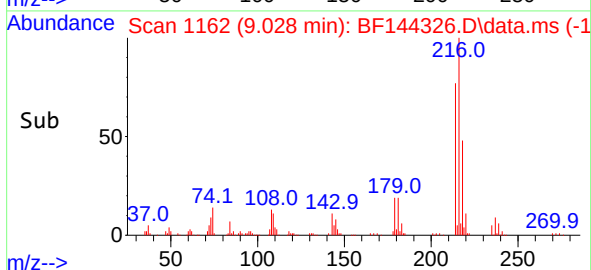
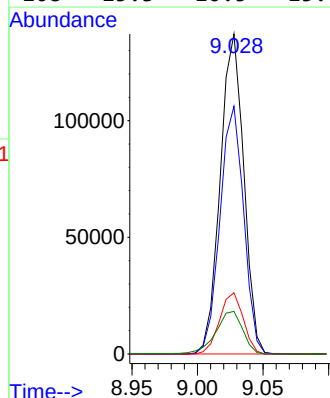
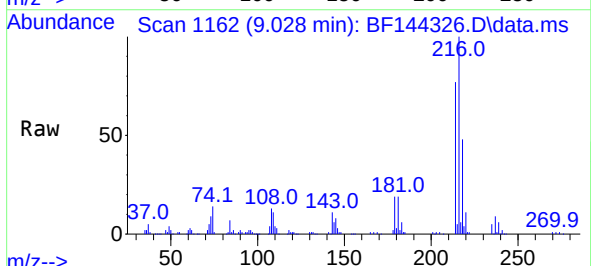
Ion Ratio Lower Upper

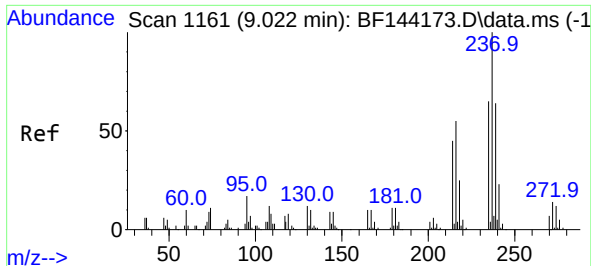
216 100

214 77.9 63.4 95.2

179 19.2 15.0 22.4

108 15.3 10.5 15.7

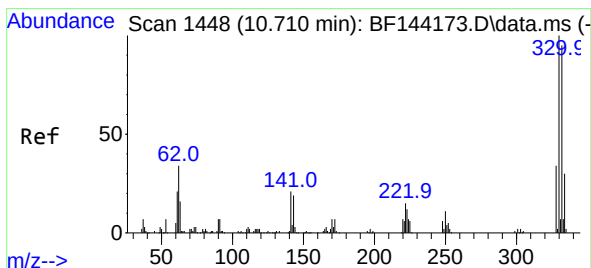
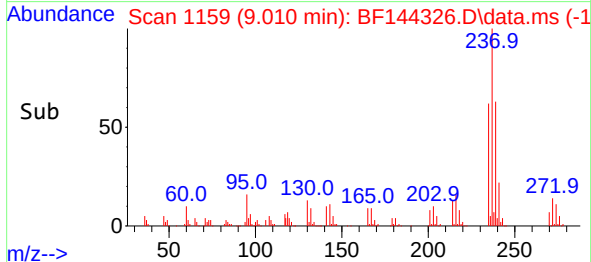
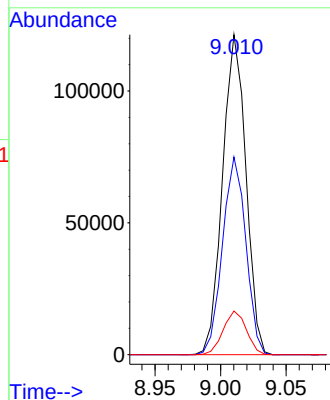
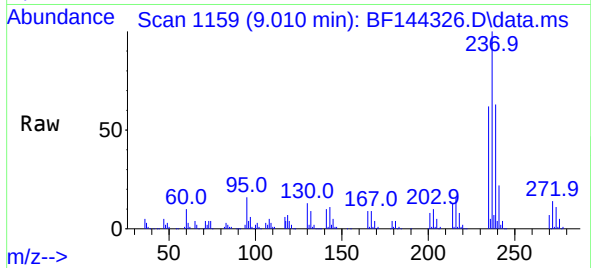




#41
Hexachlorocyclopentadiene
Concen: 91.642 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

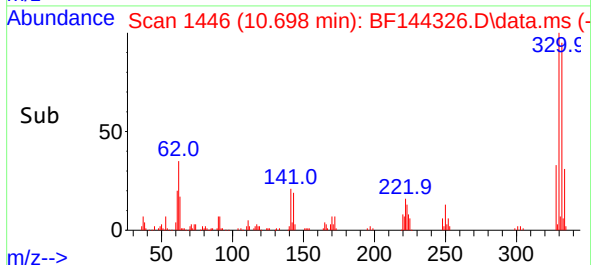
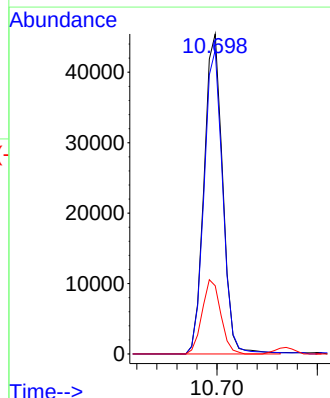
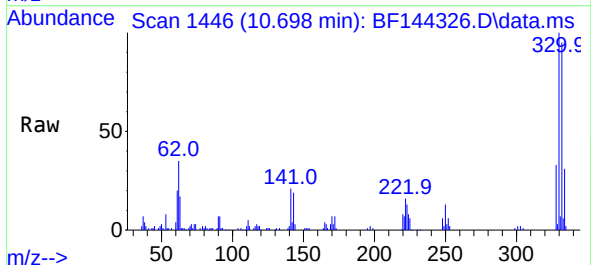
Instrument :
BNA_F
ClientSampleId :
V933MSD

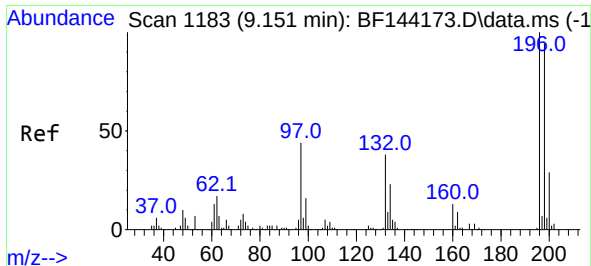
Tgt Ion:237 Resp: 150265
Ion Ratio Lower Upper
237 100
235 61.7 45.5 85.5
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 38.461 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:330 Resp: 58449
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 23.3 17.8 26.8

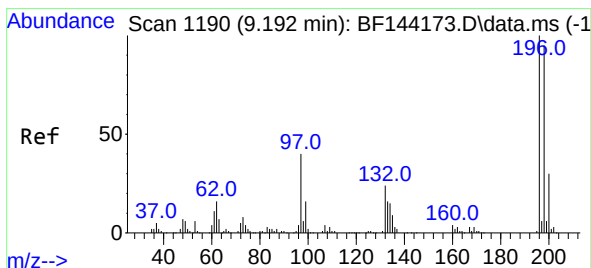
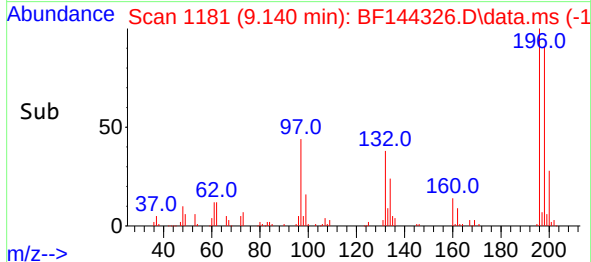
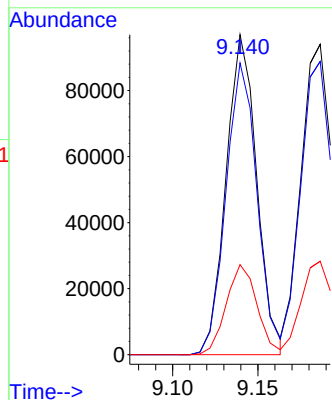
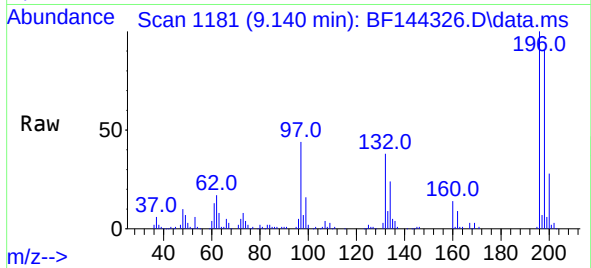




#43
2,4,6-Trichlorophenol
Concen: 44.967 ng
RT: 9.140 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

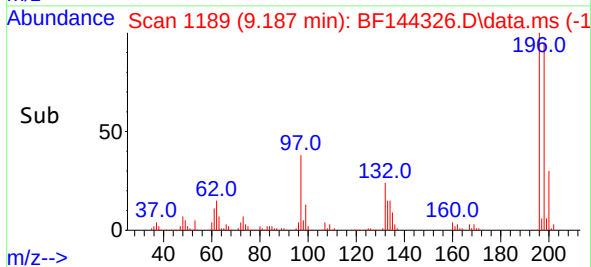
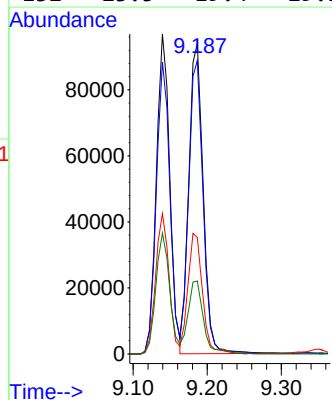
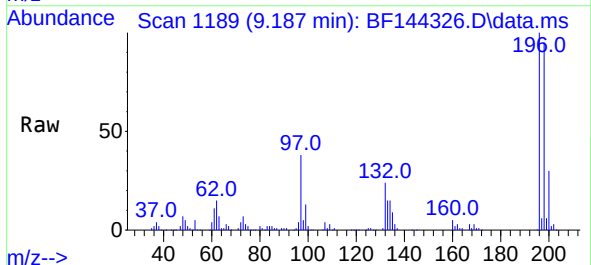
Instrument :
BNA_F
ClientSampleId :
V933MSD

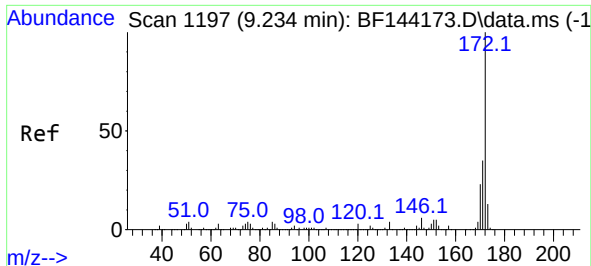
Tgt Ion:196 Resp: 121470
Ion Ratio Lower Upper
196 100
198 91.2 75.3 112.9
200 28.2 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 43.665 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:196 Resp: 127127
Ion Ratio Lower Upper
196 100
198 94.5 76.1 114.1
97 37.5 31.9 47.9
132 23.5 19.4 29.2

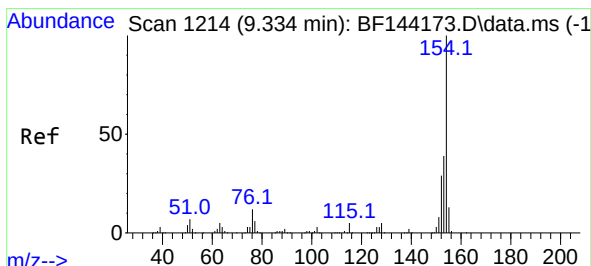
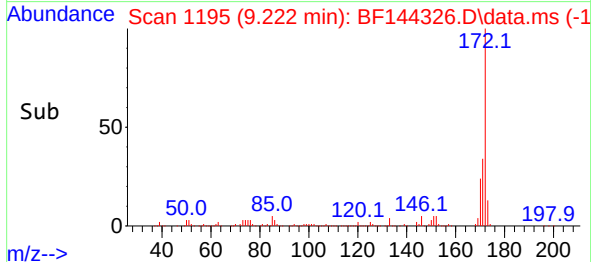
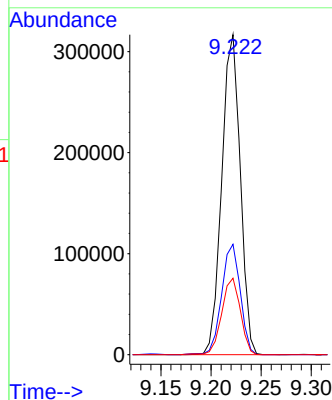
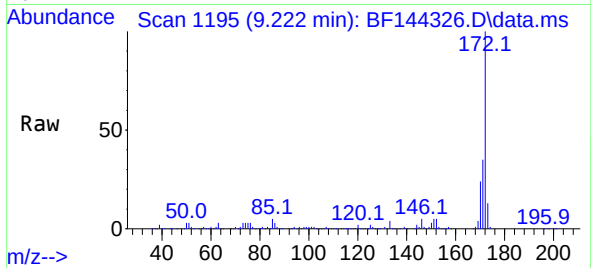




#45
2-Fluorobiphenyl
Concen: 49.392 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

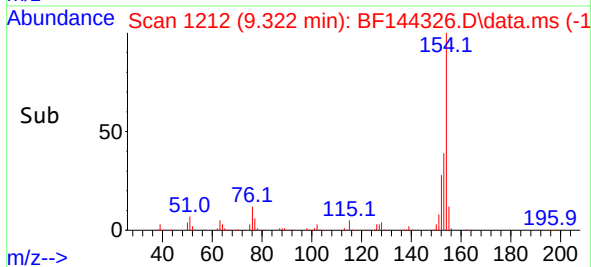
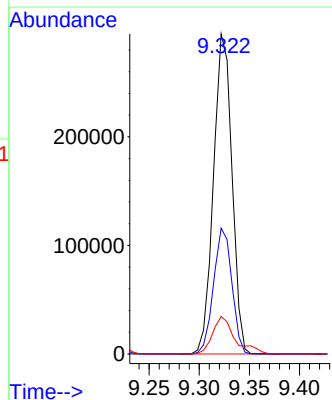
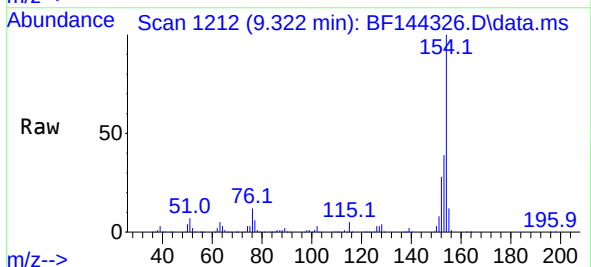
Instrument :
BNA_F
ClientSampleId :
V933MSD

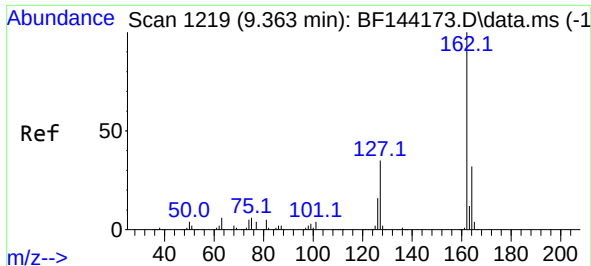
Tgt Ion:172 Resp: 404991
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.700 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:154 Resp: 377862
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 11.7 0.0 31.8





#47

2-Chloronaphthalene

Concen: 44.025 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

Instrument :

BNA_F

ClientSampleId :

V933MSD

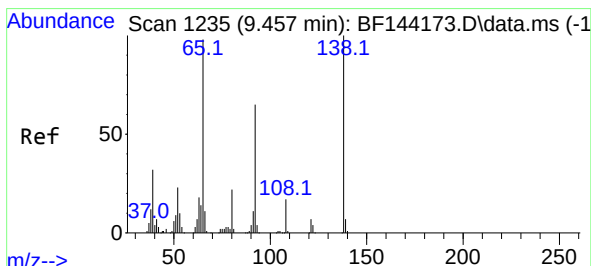
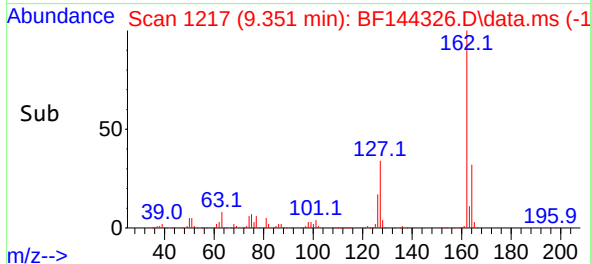
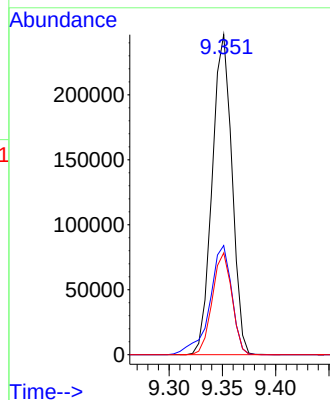
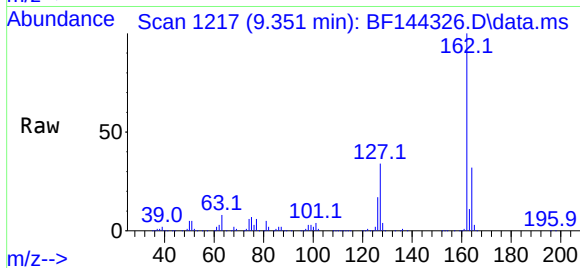
Tgt Ion:162 Resp: 317454

Ion Ratio Lower Upper

162 100

127 34.1 28.8 43.2

164 31.8 25.8 38.8



#48

2-Nitroaniline

Concen: 47.942 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

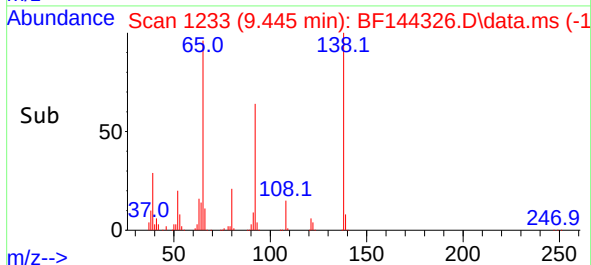
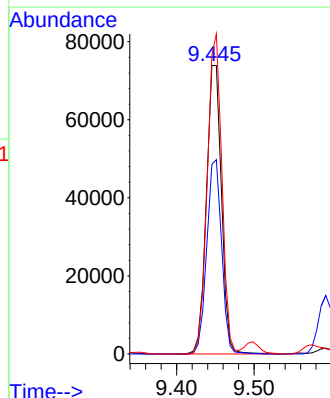
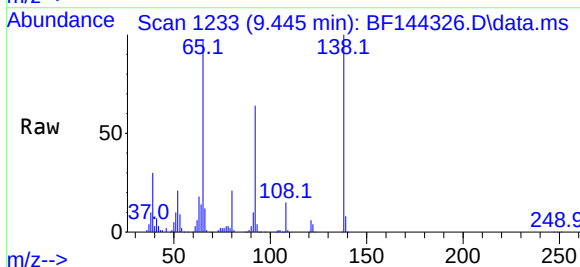
Tgt Ion: 65 Resp: 99746

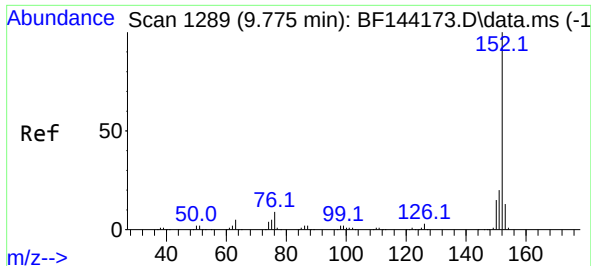
Ion Ratio Lower Upper

65 100

92 65.7 53.0 79.6

138 103.5 81.6 122.4





#49

Acenaphthylene

Concen: 50.130 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

Instrument :

BNA_F

ClientSampleId :

V933MSD

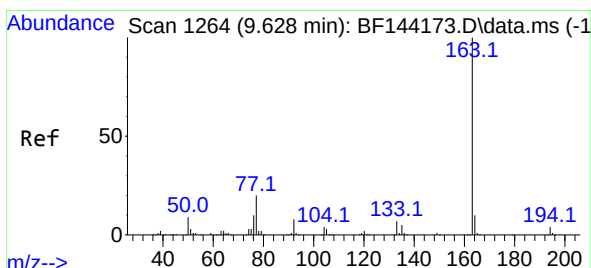
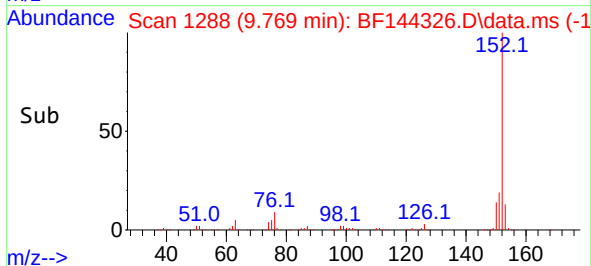
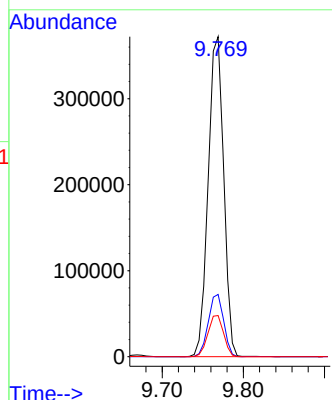
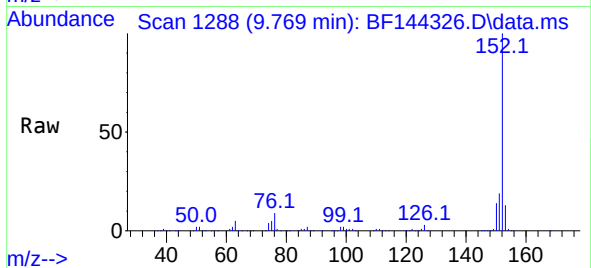
Tgt Ion:152 Resp: 492588

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 46.408 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144326.D

Acq: 24 Nov 2025 16:20

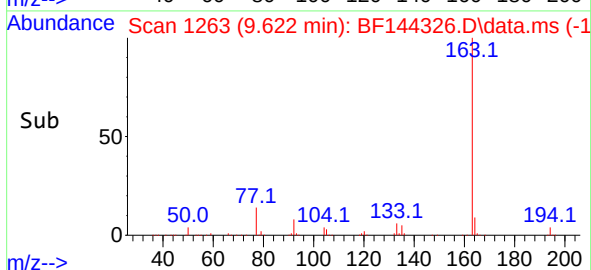
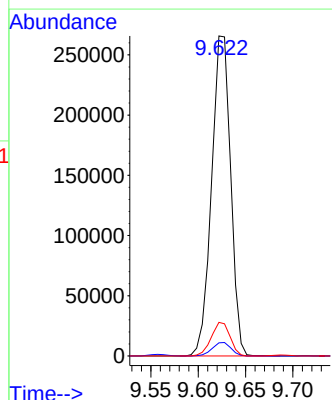
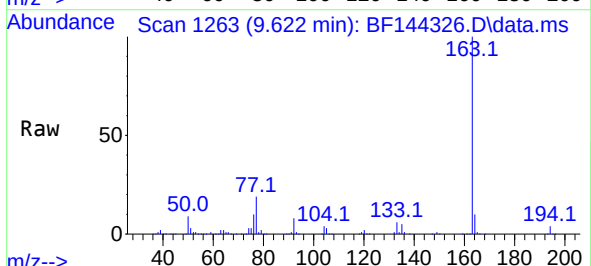
Tgt Ion:163 Resp: 372317

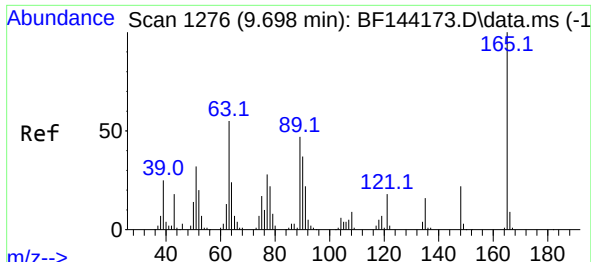
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.1 12.1

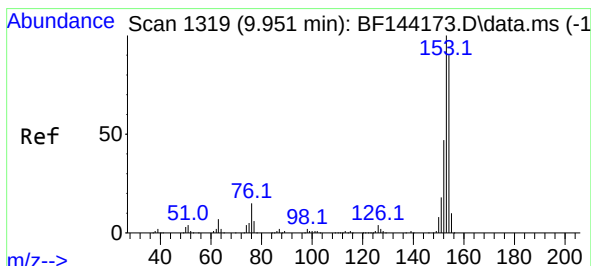
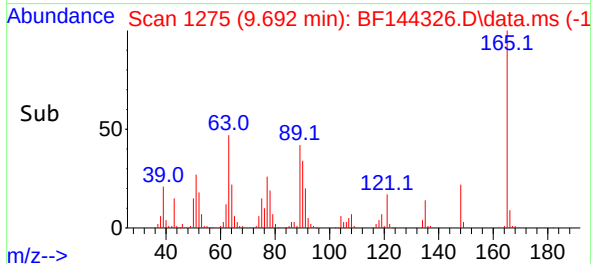
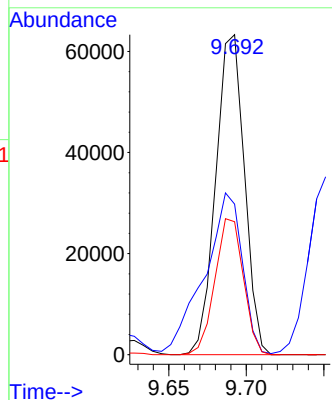
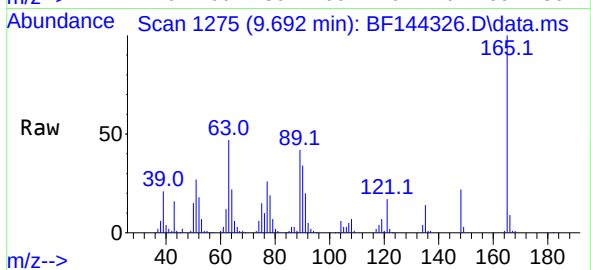




#51
2,6-Dinitrotoluene
Concen: 50.273 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

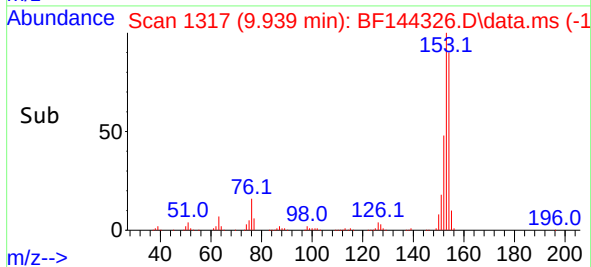
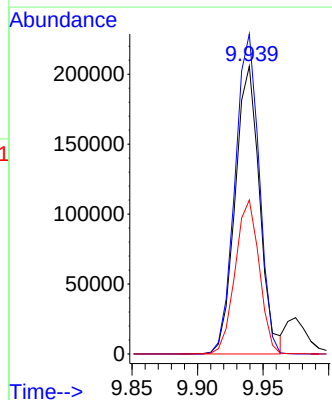
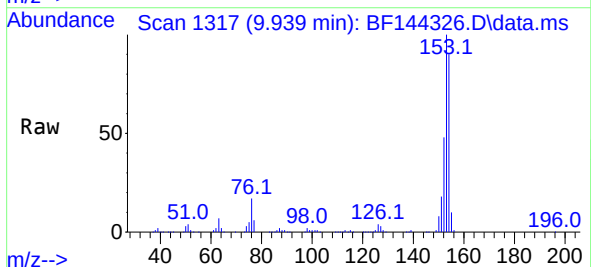
Instrument :
BNA_F
ClientSampleId :
V933MSD

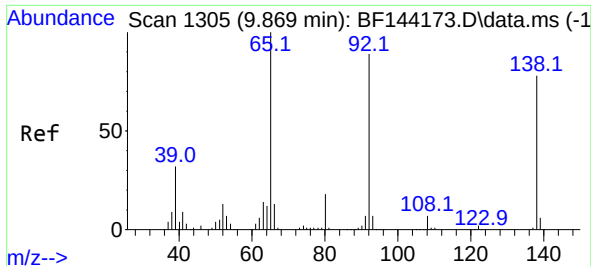
Tgt Ion:165 Resp: 81646
Ion Ratio Lower Upper
165 100
63 47.0 43.8 65.8
89 41.5 37.5 56.3



#52
Acenaphthene
Concen: 40.790 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:154 Resp: 268034
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 53.5 42.2 63.4

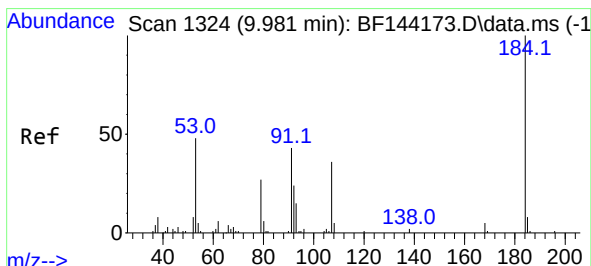
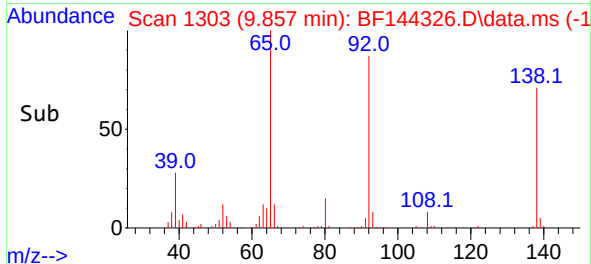
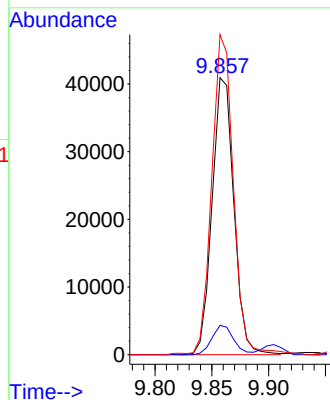
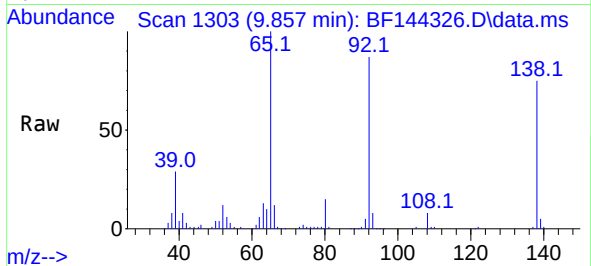




#53
3-Nitroaniline
Concen: 30.722 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

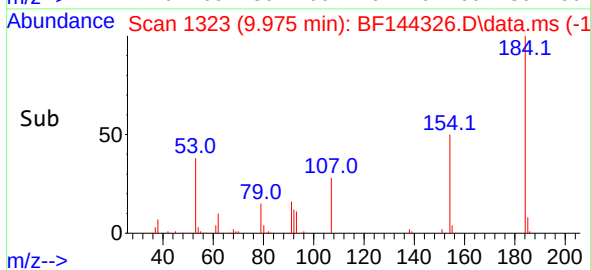
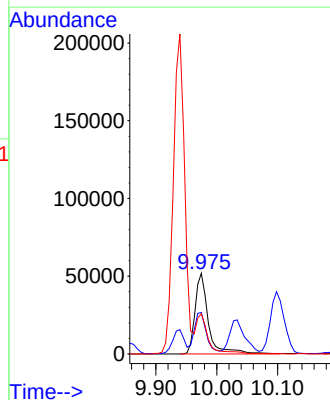
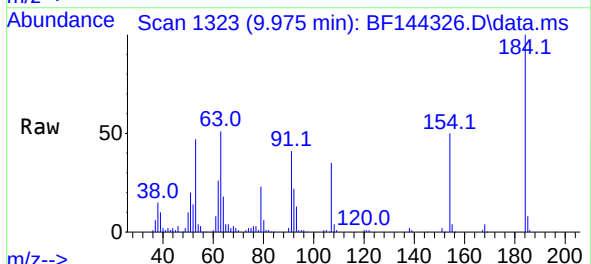
Instrument :
BNA_F
ClientSampleId :
V933MSD

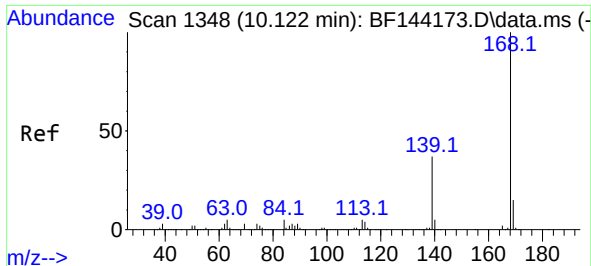
Tgt Ion:138 Resp: 54542
Ion Ratio Lower Upper
138 100
108 10.6 7.5 11.3
92 115.6 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 80.736 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:184 Resp: 79178
Ion Ratio Lower Upper
184 100
63 51.3 44.0 66.0
154 50.0 42.4 63.6

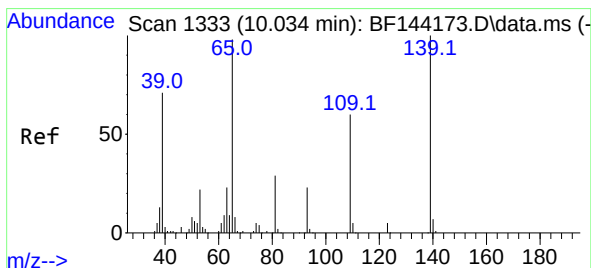
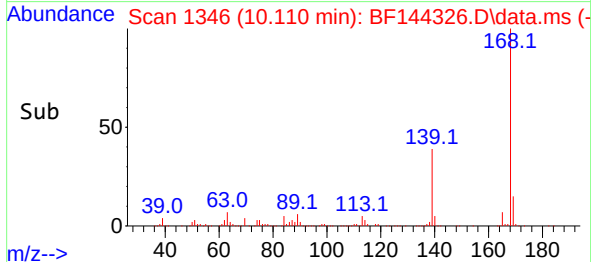
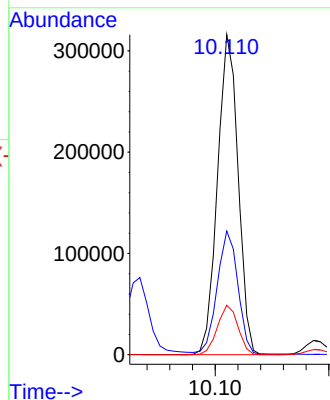
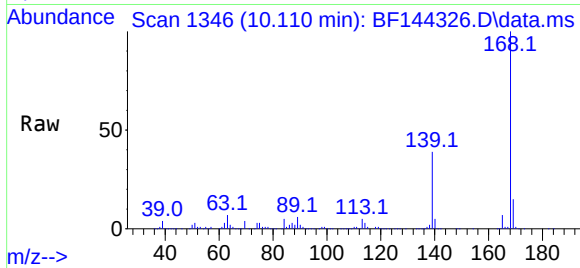




#55
Dibenzenofuran
Concen: 43.358 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

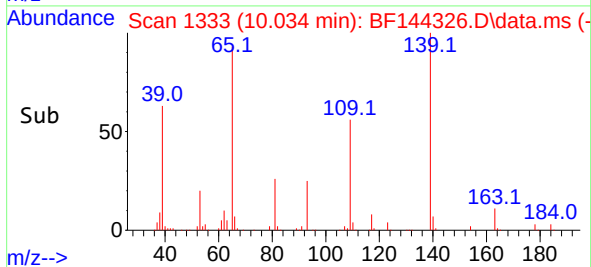
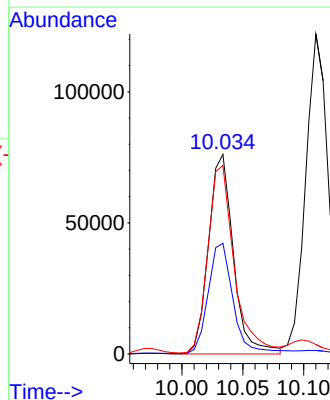
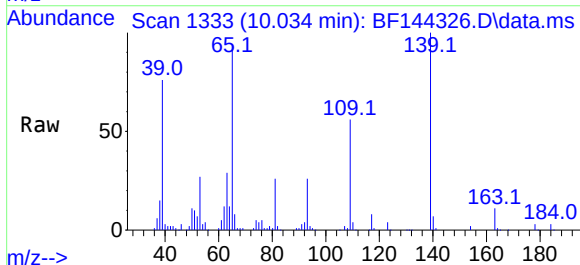
Instrument :
BNA_F
ClientSampleId :
V933MSD

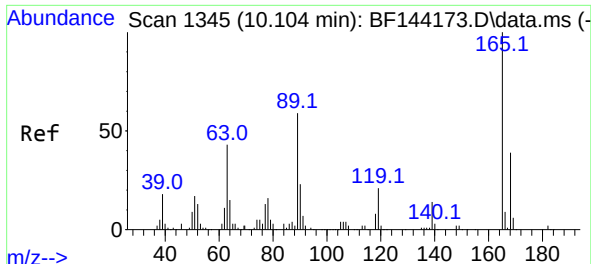
Tgt Ion:168 Resp: 399023
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.2
169 15.4 12.2 18.4



#56
4-Nitrophenol
Concen: 84.564 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:139 Resp: 108599
Ion Ratio Lower Upper
139 100
109 55.5 39.9 79.9
65 94.4 79.5 119.5

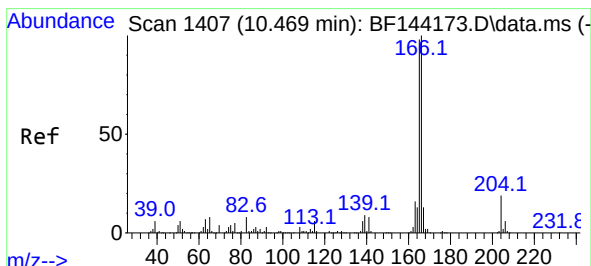
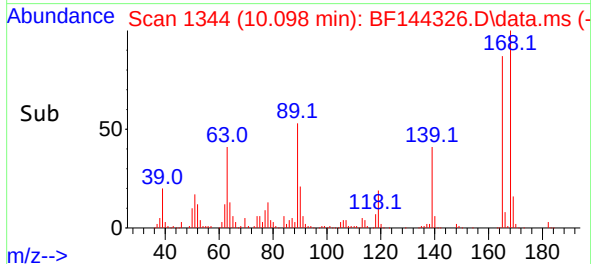
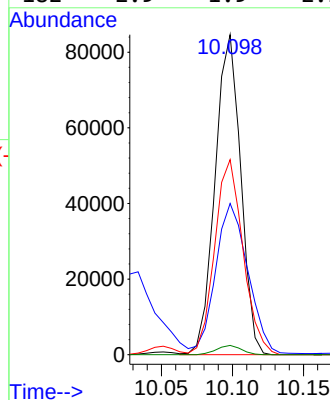
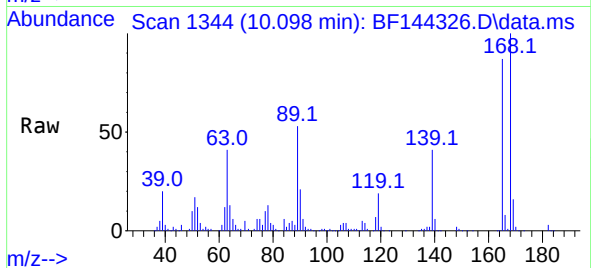




#57
2,4-Dinitrotoluene
Concen: 48.795 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

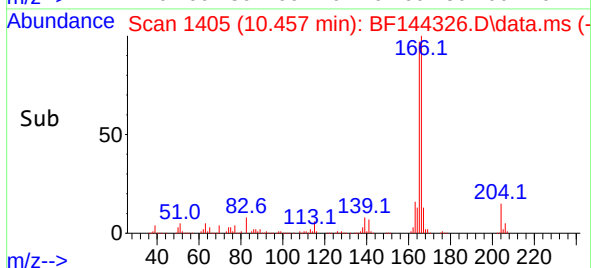
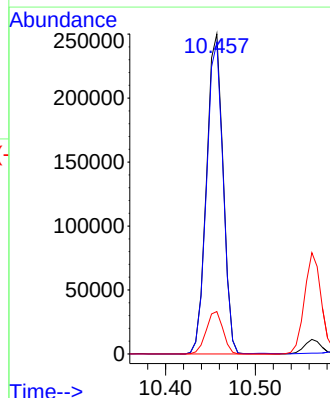
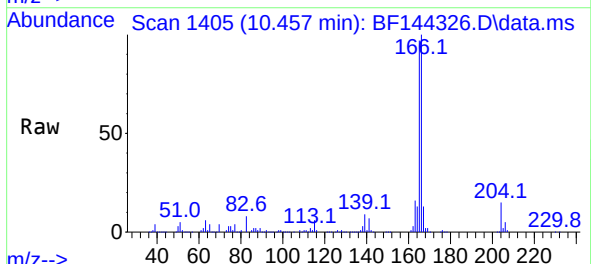
Instrument :
BNA_F
ClientSampleId :
V933MSD

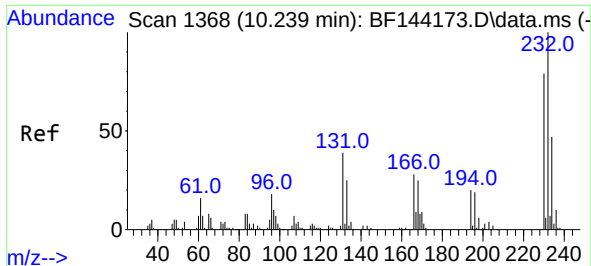
Tgt Ion:165 Resp: 106086
Ion Ratio Lower Upper
165 100
63 47.3 35.5 53.3
89 61.0 47.4 71.2
182 2.9 1.9 2.9#



#58
Fluorene
Concen: 45.808 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:166 Resp: 320519
Ion Ratio Lower Upper
166 100
165 97.3 78.6 118.0
167 13.2 10.4 15.6

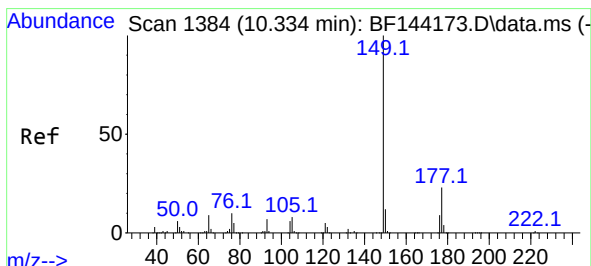
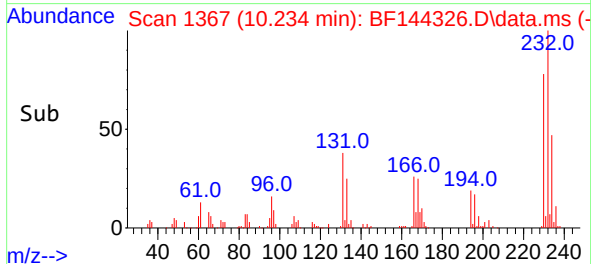
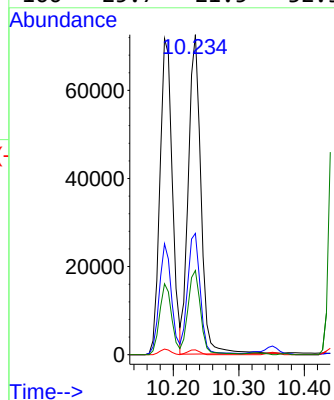
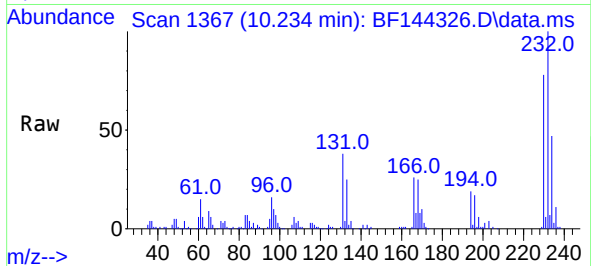




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.762 ng
RT: 10.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

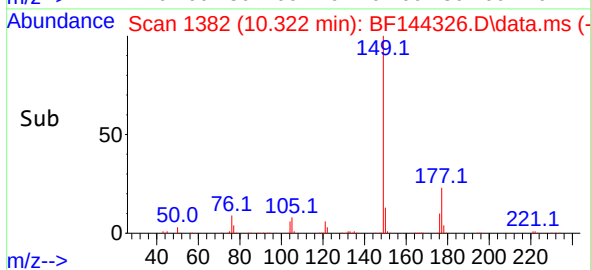
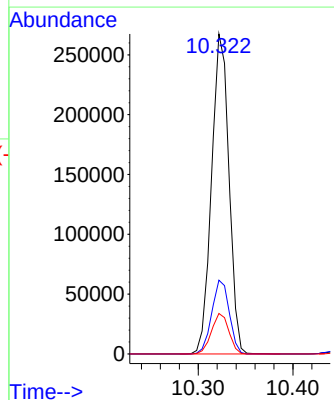
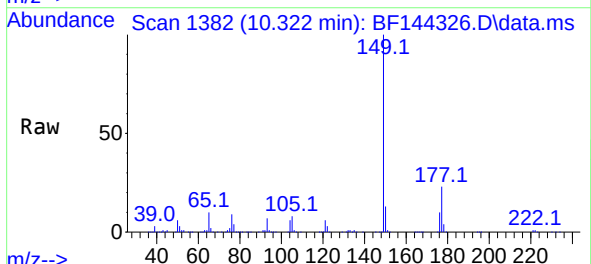
Instrument :
BNA_F
ClientSampleId :
V933MSD

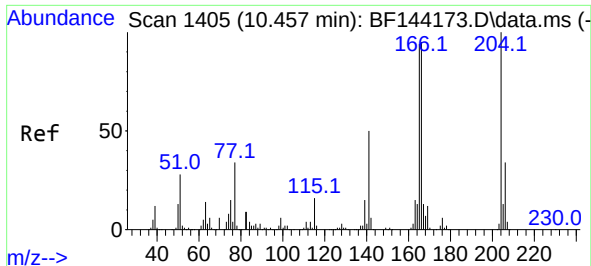
Tgt Ion:232 Resp: 96323
Ion Ratio Lower Upper
232 100
131 38.7 30.3 45.5
130 1.5 1.2 1.8
166 25.7 21.5 32.3



#60
Diethylphthalate
Concen: 46.145 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:149 Resp: 341279
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.6 9.8 14.6

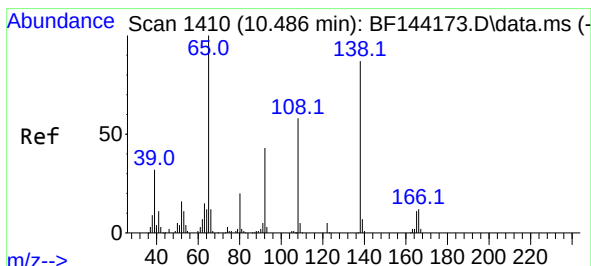
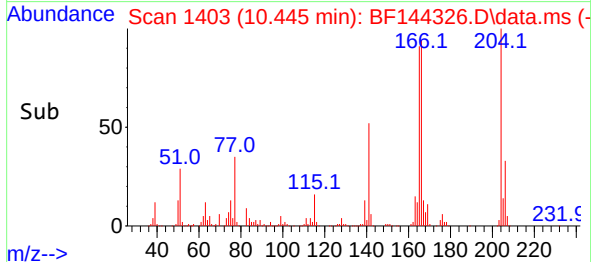
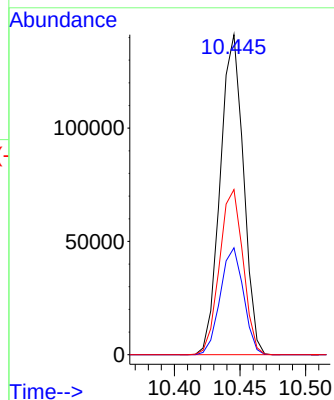
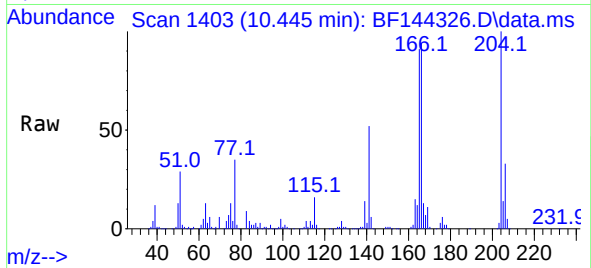




#61
4-Chlorophenyl-phenylether
Concen: 43.572 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

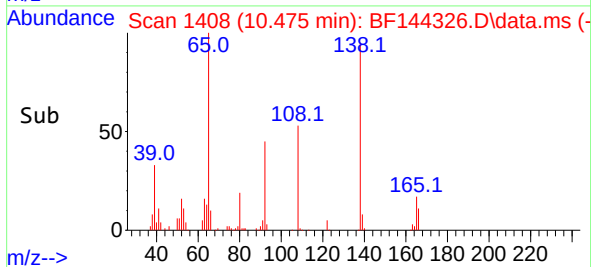
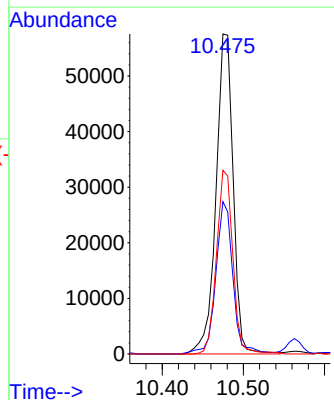
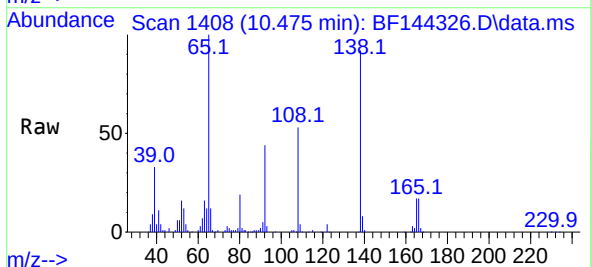
Instrument :
BNA_F
ClientSampleId :
V933MSD

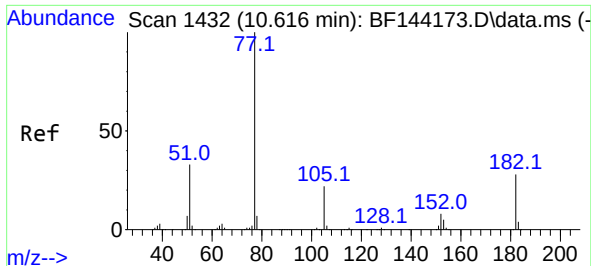
Tgt Ion:204 Resp: 173666
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 51.6 40.0 60.0



#62
4-Nitroaniline
Concen: 50.130 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:138 Resp: 84756
Ion Ratio Lower Upper
138 100
92 47.6 29.4 69.4
108 57.4 46.4 86.4



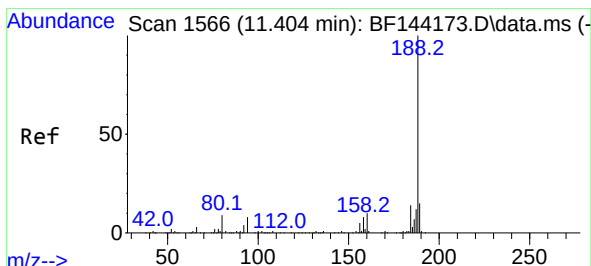
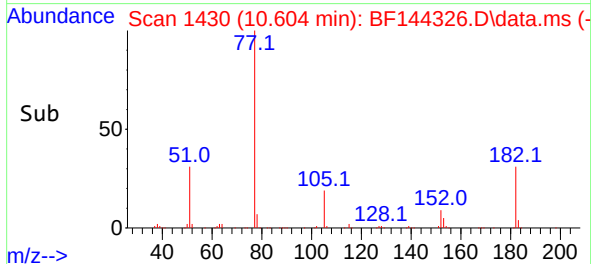
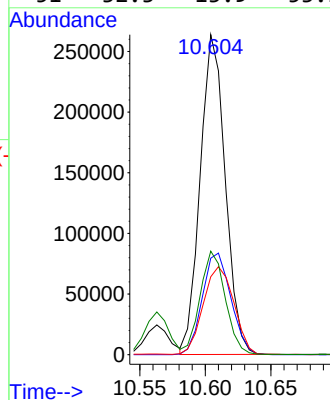
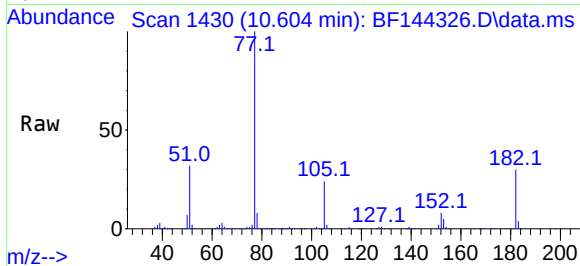


#63
Azobenzene
Concen: 51.044 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
ClientSampleId :
V933MSD

Tgt Ion: 77 Resp: 351341

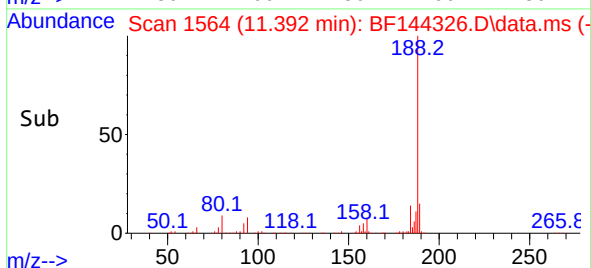
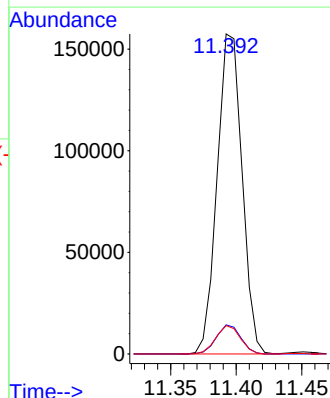
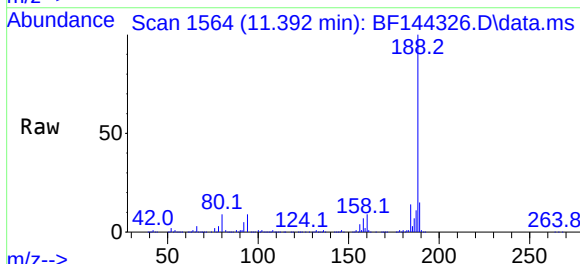
Ion	Ratio	Lower	Upper
77	100		
182	30.1	8.1	48.1
105	24.4	2.0	42.0
51	32.3	13.9	53.9

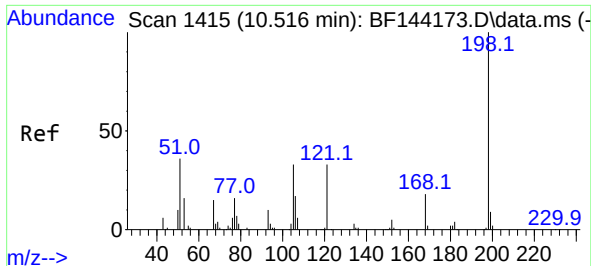


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion: 188 Resp: 208077

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.2	9.2
80	8.9	6.9	10.3

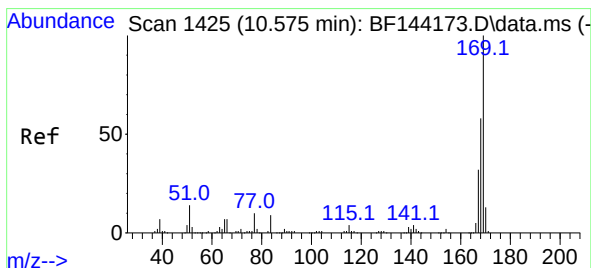
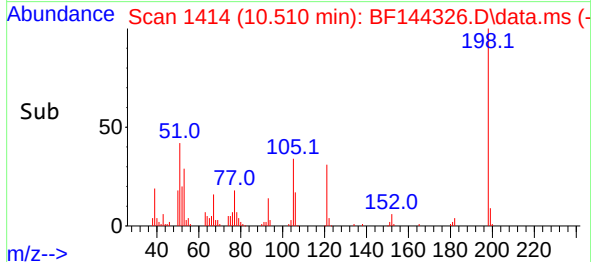
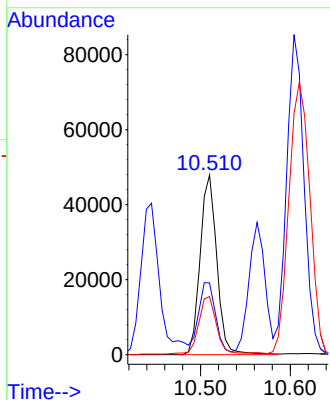
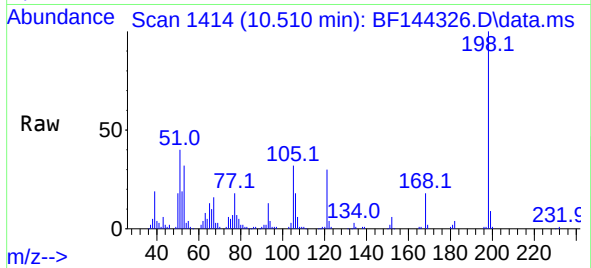




#65
4,6-Dinitro-2-methylphenol
Concen: 43.830 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

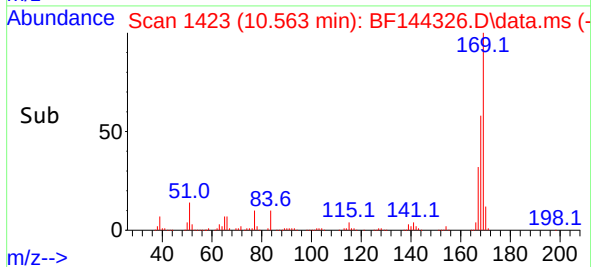
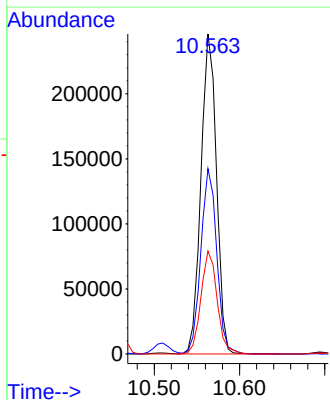
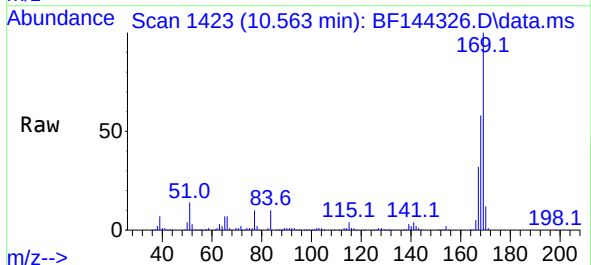
Instrument :
BNA_F
ClientSampleId :
V933MSD

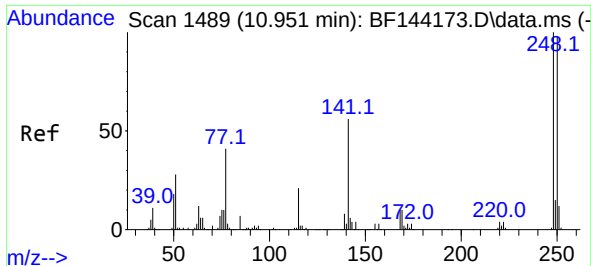
Tgt Ion:198 Resp: 61956
Ion Ratio Lower Upper
198 100
51 40.0 25.6 65.6
105 32.4 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 46.574 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:169 Resp: 311690
Ion Ratio Lower Upper
169 100
168 57.9 46.2 69.2
167 32.2 25.7 38.5

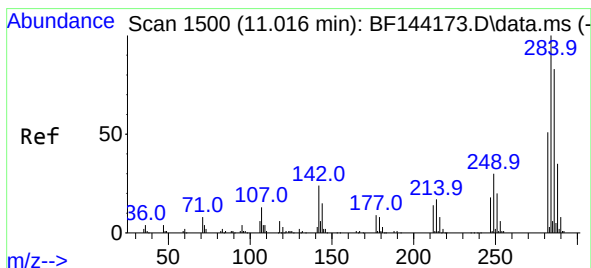
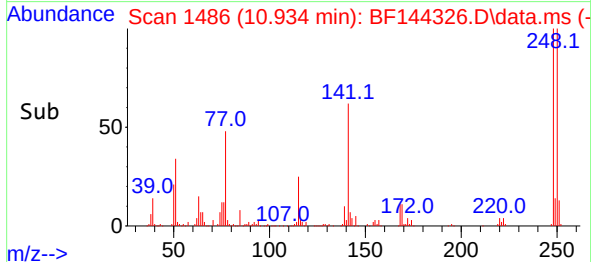
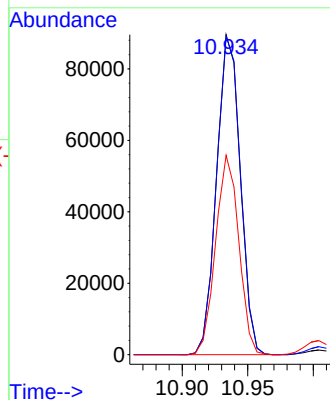
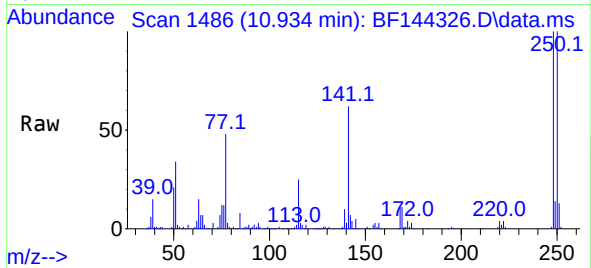




#67
4-Bromophenyl-phenylether
Concen: 42.227 ng
RT: 10.934 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

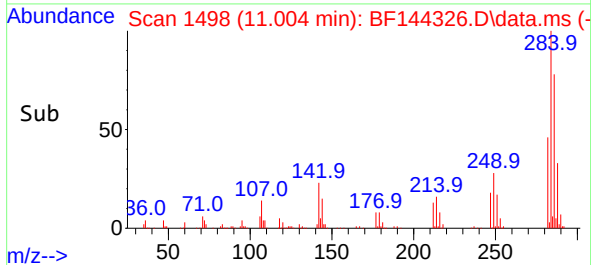
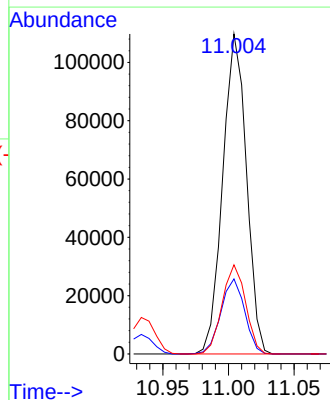
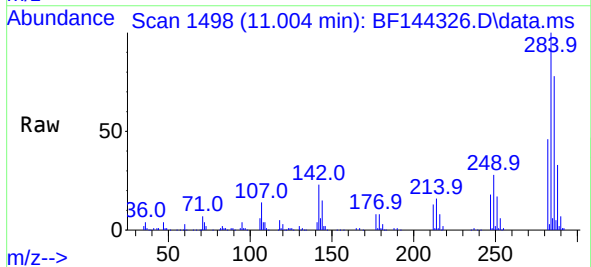
Instrument :
BNA_F
ClientSampleId :
V933MSD

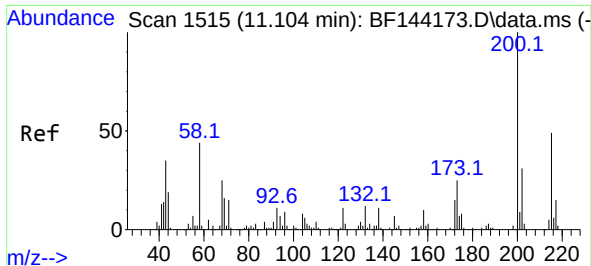
Tgt Ion:248 Resp: 112150
Ion Ratio Lower Upper
248 100
250 99.6 78.4 117.6
141 62.3 45.1 67.7



#68
Hexachlorobenzene
Concen: 44.034 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:284 Resp: 137753
Ion Ratio Lower Upper
284 100
142 23.5 19.2 28.8
249 27.9 23.8 35.8

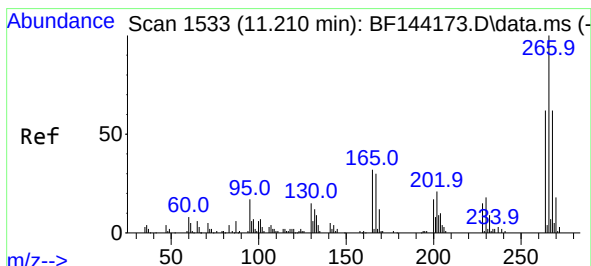
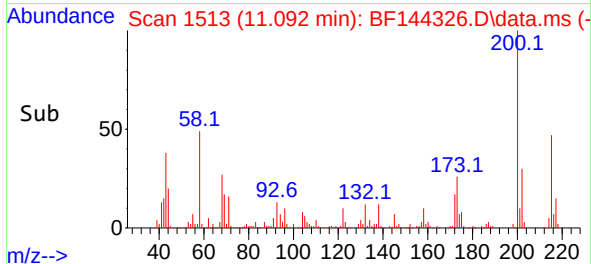
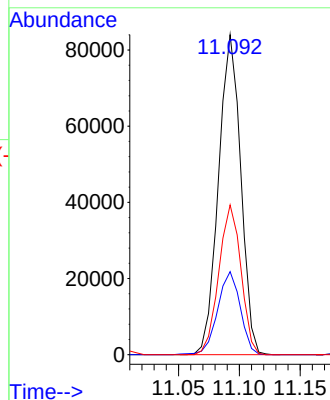
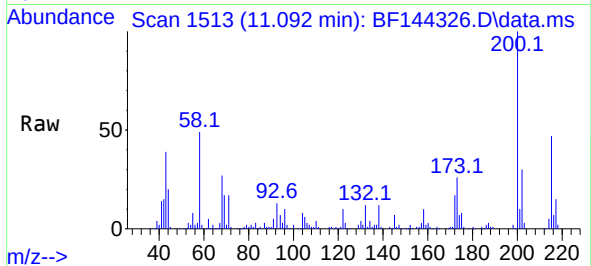




#69
Atrazine
Concen: 50.194 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

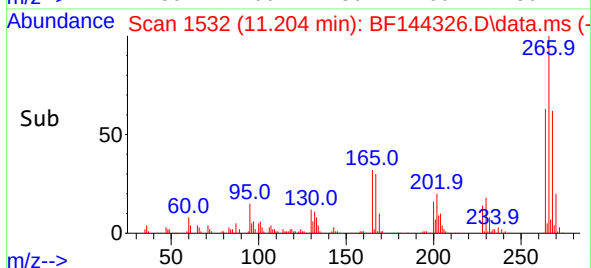
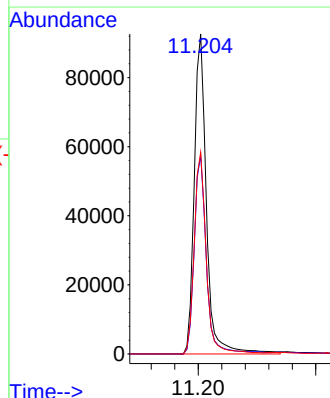
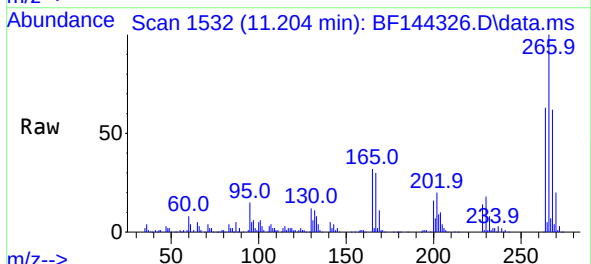
Instrument :
BNA_F
ClientSampleId :
V933MSD

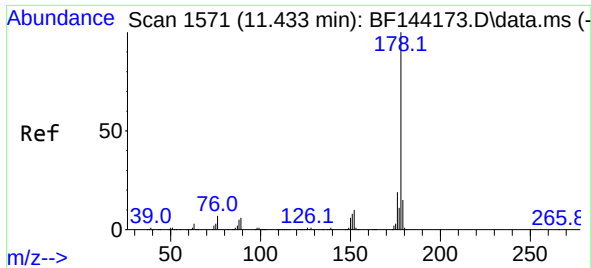
Tgt Ion:200 Resp: 106829
Ion Ratio Lower Upper
200 100
173 26.0 5.0 45.0
215 46.8 28.7 68.7



#70
Pentachlorophenol
Concen: 85.917 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:266 Resp: 133840
Ion Ratio Lower Upper
266 100
268 62.2 49.5 74.3
264 63.1 49.4 74.2

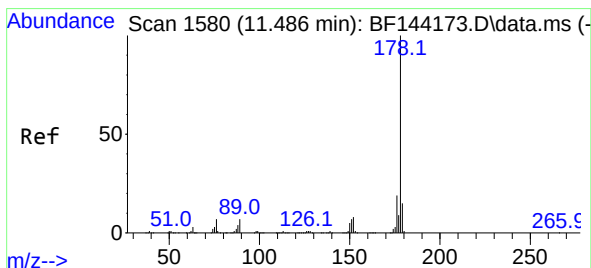
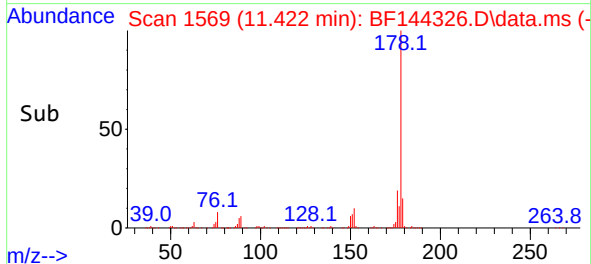
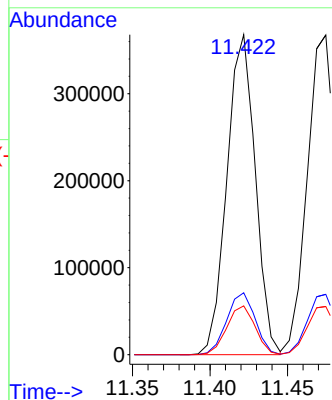
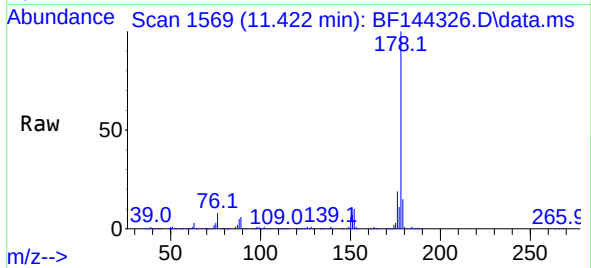




#71
Phenanthrene
Concen: 45.229 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

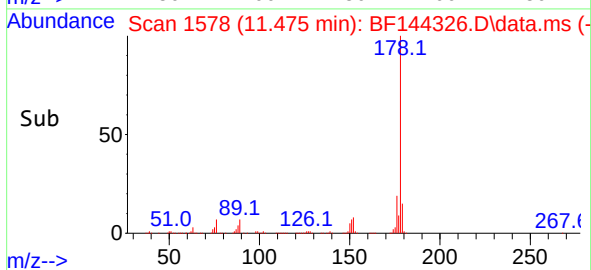
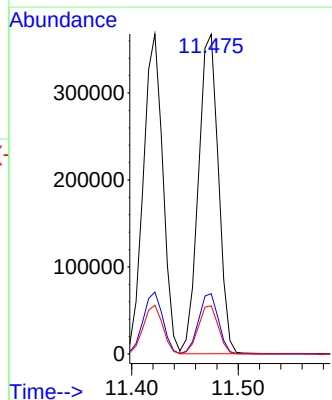
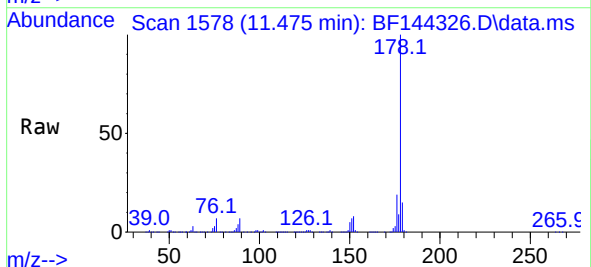
Instrument :
BNA_F
ClientSampleId :
V933MSD

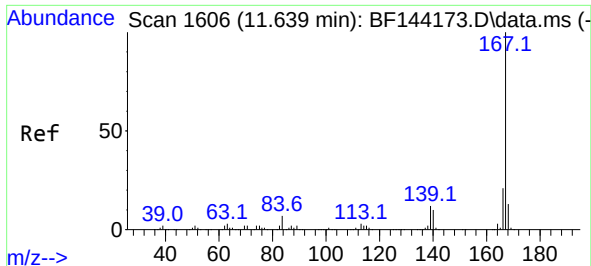
Tgt Ion:178 Resp: 468568
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 45.563 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

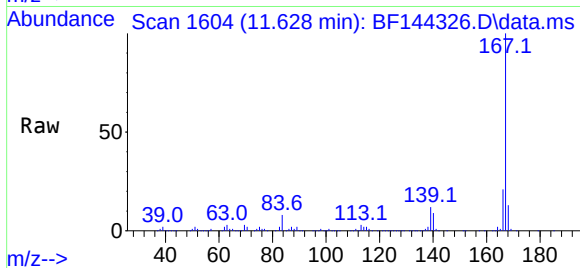
Tgt Ion:178 Resp: 479971
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.0 18.0



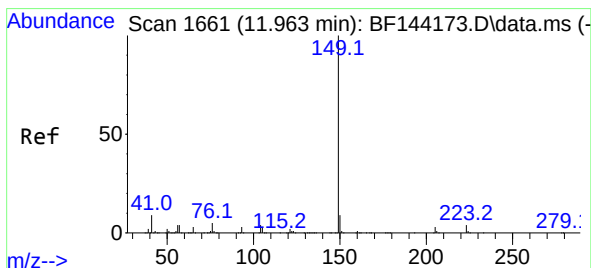
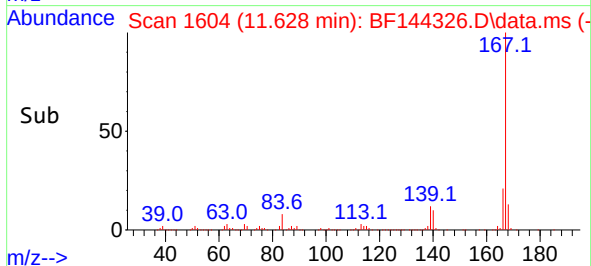
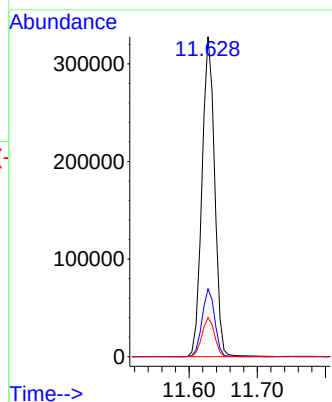


#73
 Carbazole
 Concen: 47.240 ng
 RT: 11.628 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144326.D
 Acq: 24 Nov 2025 16:20

Instrument :
 BNA_F
 ClientSampleId :
 V933MSD

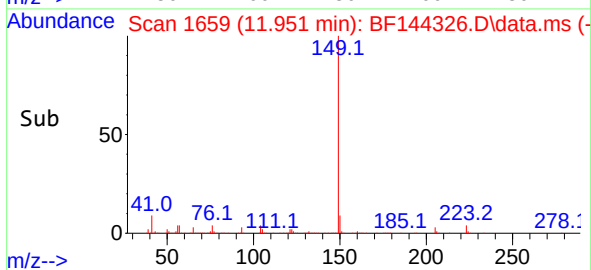
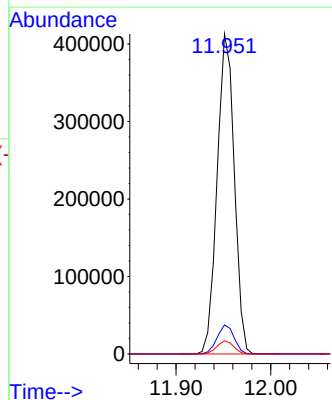
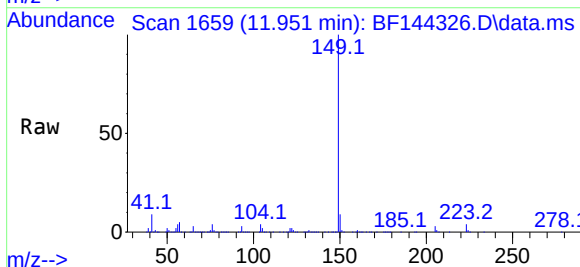


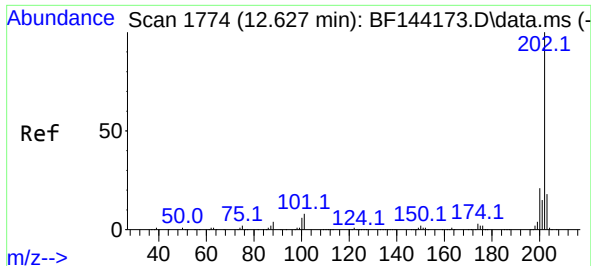
Tgt Ion:167 Resp: 423160
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.2 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 47.999 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144326.D
 Acq: 24 Nov 2025 16:20

Tgt Ion:149 Resp: 519771
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.1 3.4 5.2

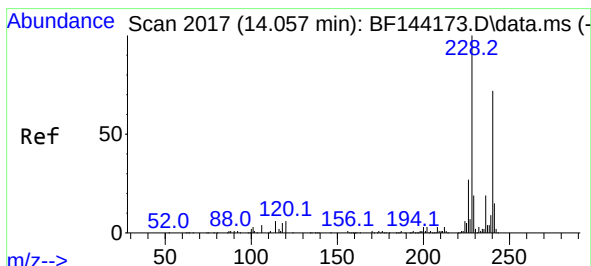
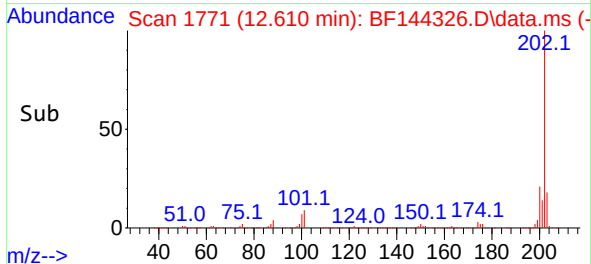
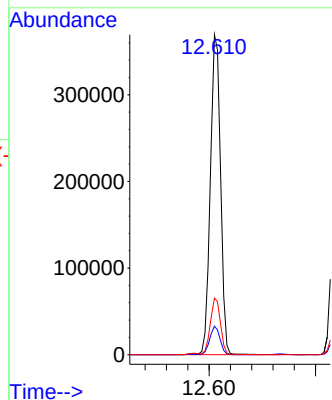
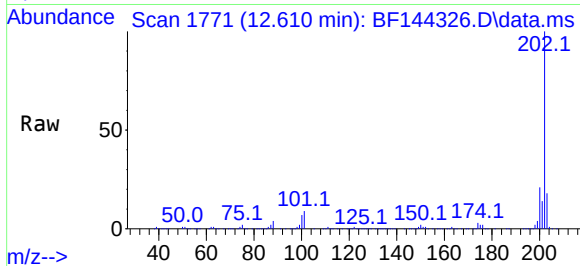




#75
Fluoranthene
Concen: 45.904 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

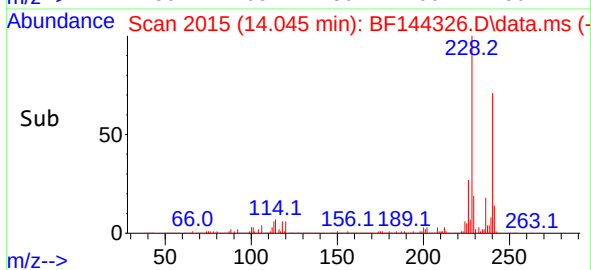
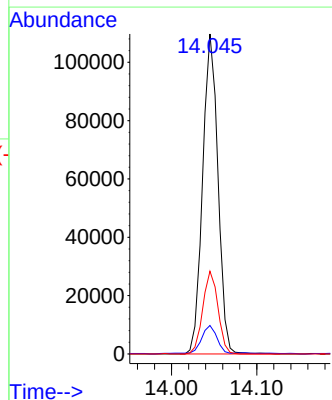
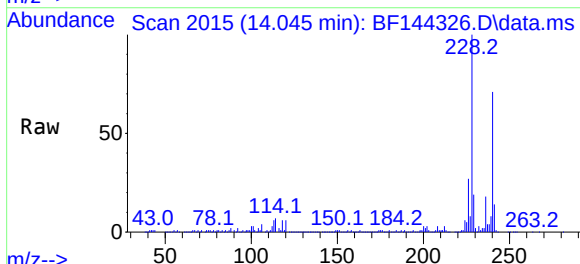
Instrument :
BNA_F
ClientSampleId :
V933MSD

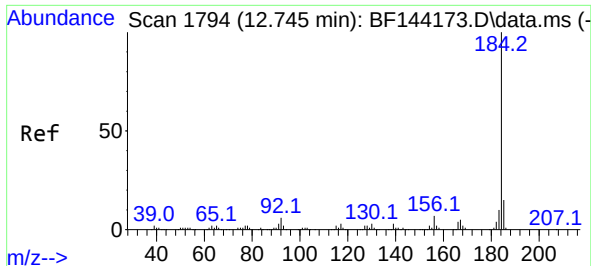
Tgt Ion:202 Resp: 491252
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

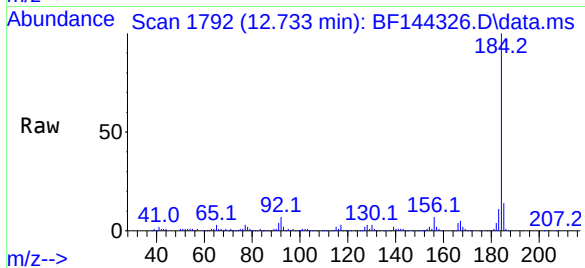
Tgt Ion:240 Resp: 137029
Ion Ratio Lower Upper
240 100
120 8.9 6.6 10.0
236 25.8 21.4 32.2



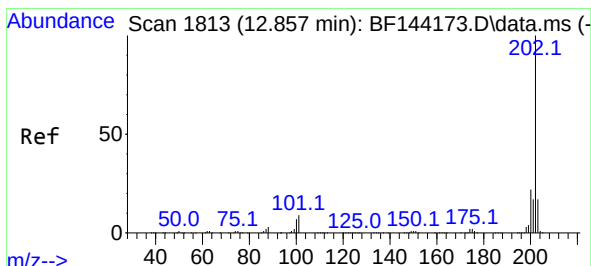
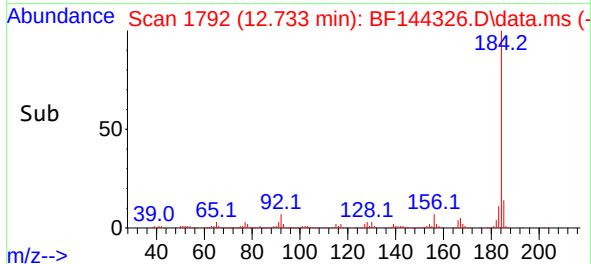
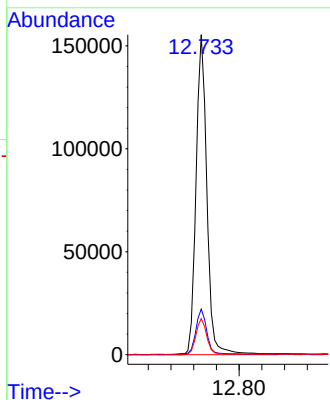


#77
Benzidine
Concen: 51.223 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
ClientSampleId :
V933MSD

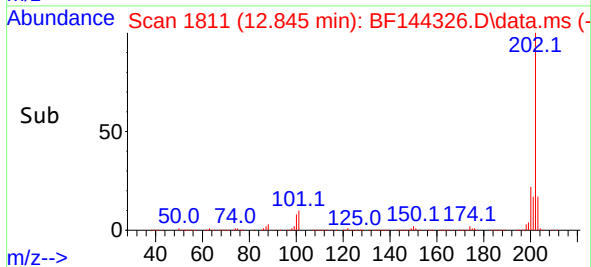
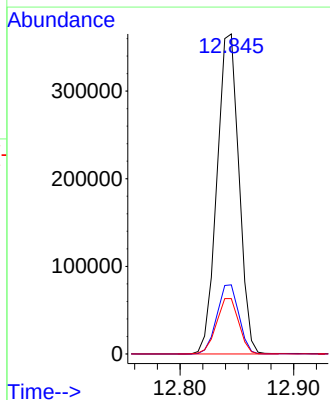
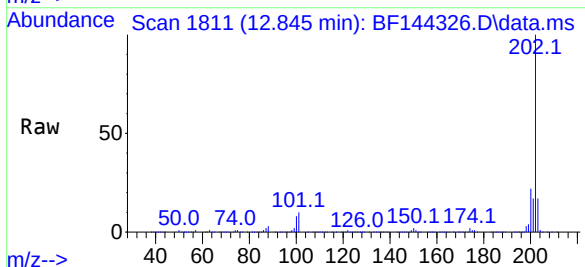


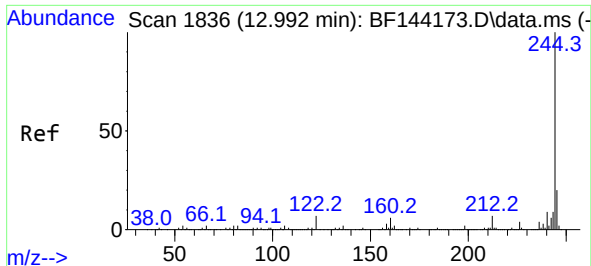
Tgt Ion:184 Resp: 207618
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.2 8.3 12.5



#78
Pyrene
Concen: 44.408 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:202 Resp: 490645
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.3 13.7 20.5

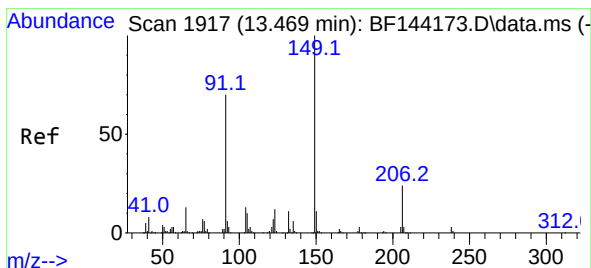
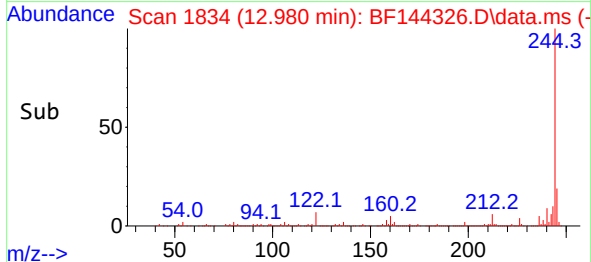
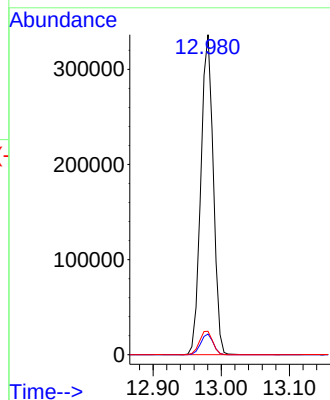
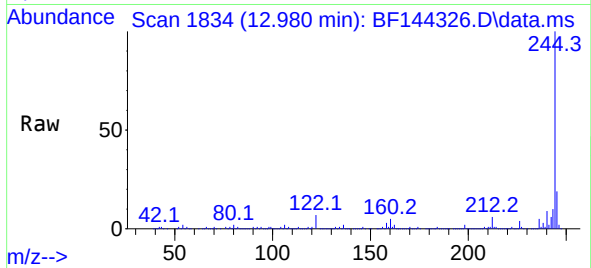




#79
 Terphenyl-d14
 Concen: 49.466 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144326.D
 Acq: 24 Nov 2025 16:20

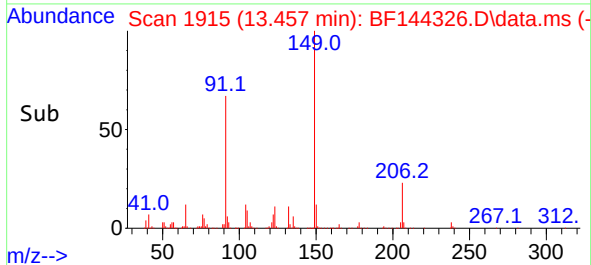
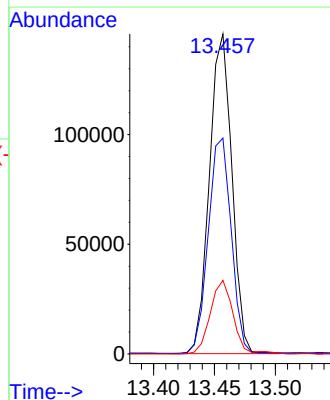
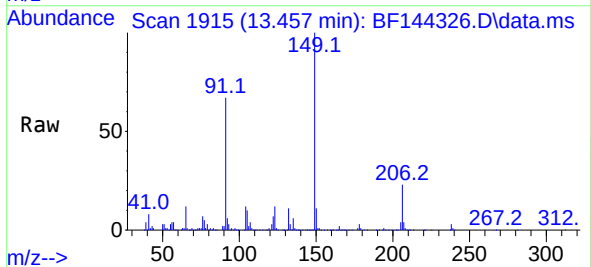
Instrument :
 BNA_F
 ClientSampleId :
 V933MSD

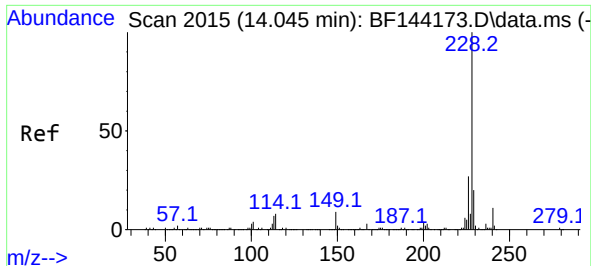
Tgt Ion:244 Resp: 426736
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 7.3 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 48.884 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144326.D
 Acq: 24 Nov 2025 16:20

Tgt Ion:149 Resp: 187190
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.1 84.1
 206 23.0 18.8 28.2

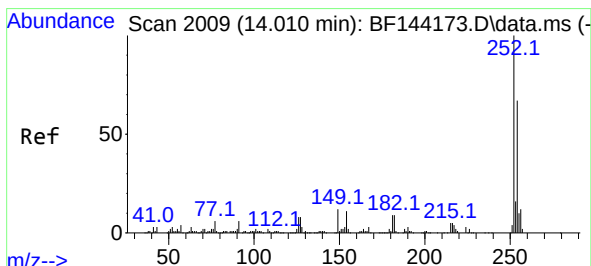
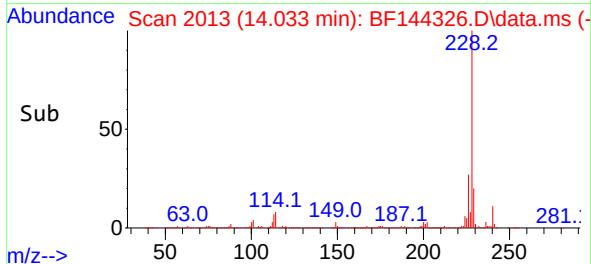
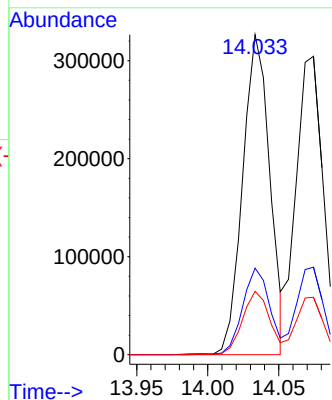
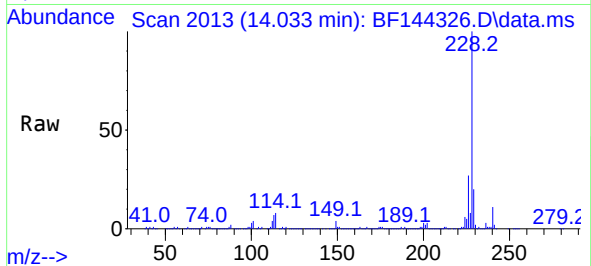




#81
Benzo(a)anthracene
Concen: 45.753 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

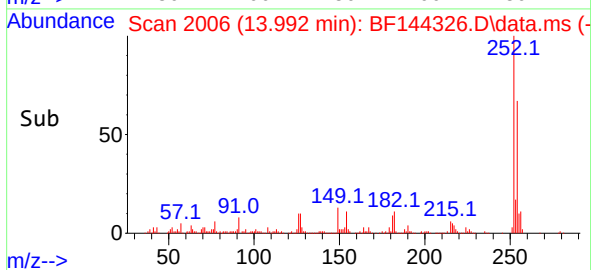
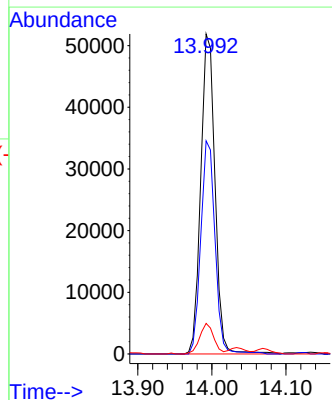
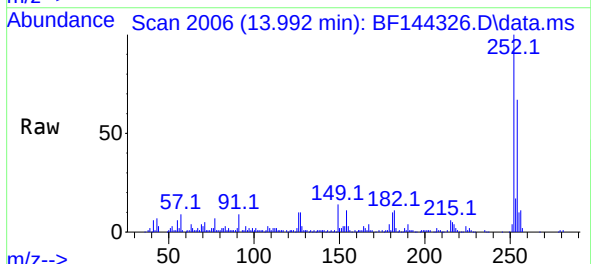
Instrument :
BNA_F
ClientSampleId :
V933MSD

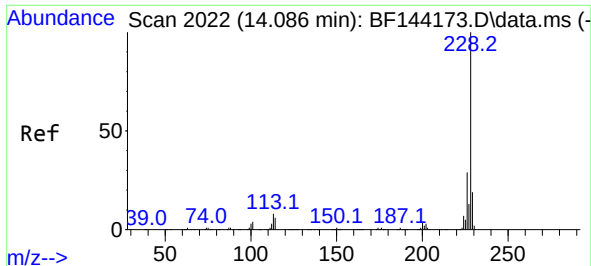
Tgt Ion:228 Resp: 434525
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 21.354 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.017 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:252 Resp: 69515
Ion Ratio Lower Upper
252 100
254 66.6 53.5 80.3
126 9.6 6.4 9.6



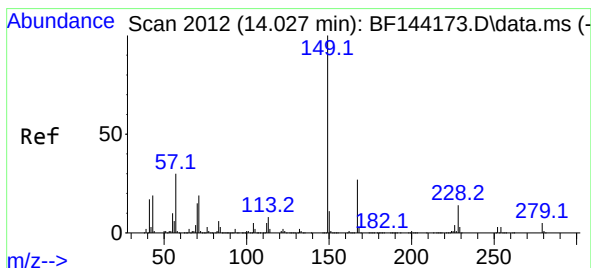
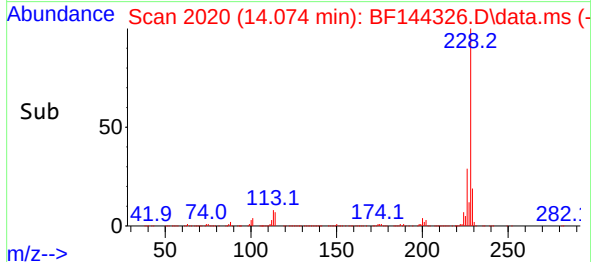
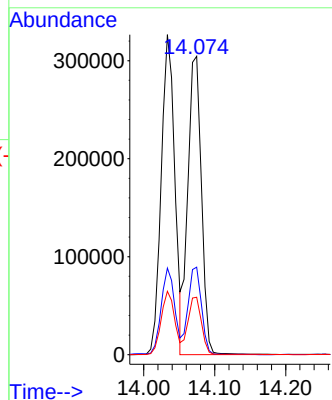
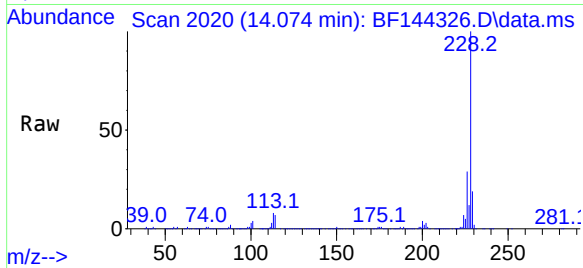


#83
Chrysene
Concen: 46.184 ng
RT: 14.074 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
ClientSampleId :
V933MSD

Tgt Ion:228 Resp: 404897

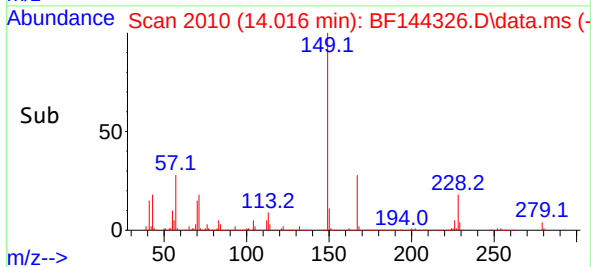
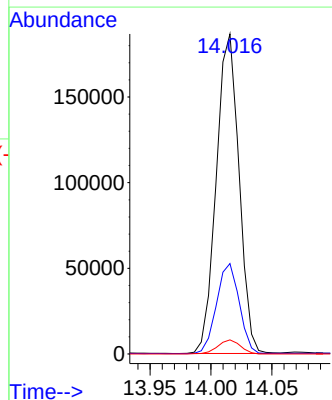
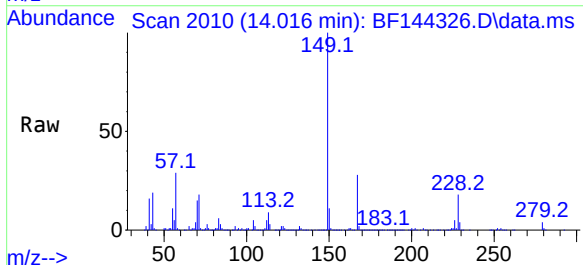
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.9	34.3
229	19.2	15.0	22.6

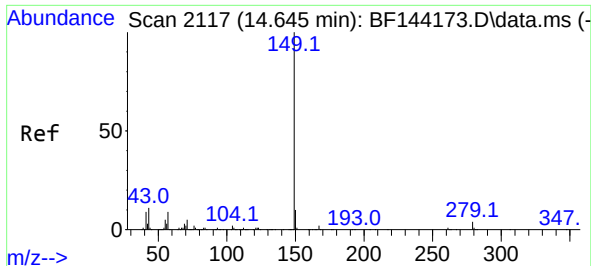


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.307 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:149 Resp: 242744

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.8
279	4.4	3.7	5.5

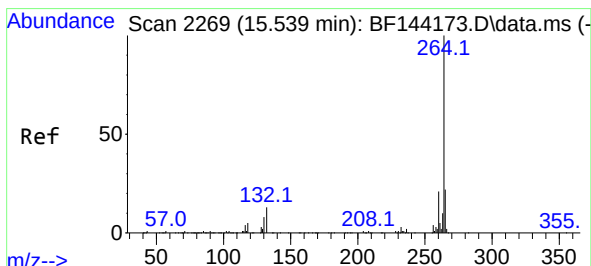
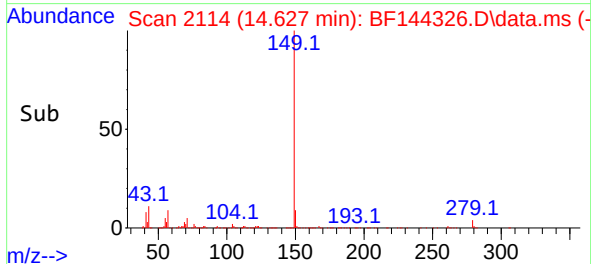
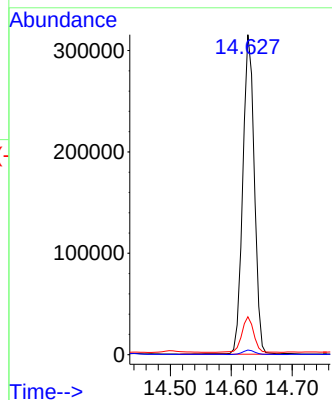
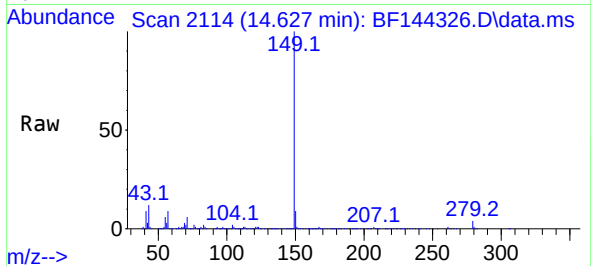




#85
Di-n-octyl phthalate
Concen: 45.770 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.017 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

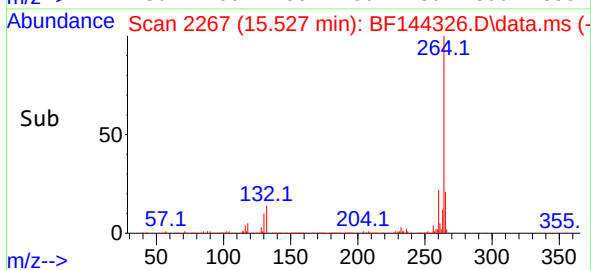
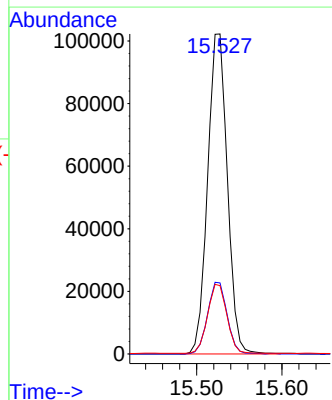
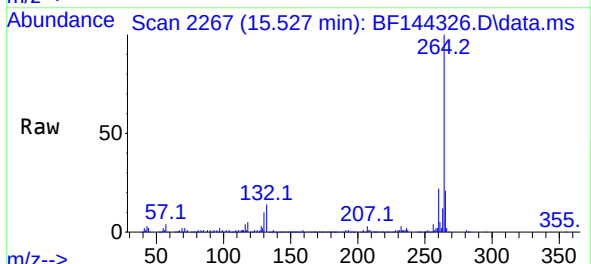
Instrument :
BNA_F
ClientSampleId :
V933MSD

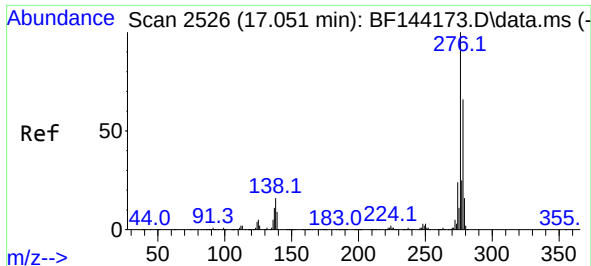
Tgt Ion:149 Resp: 413956
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:264 Resp: 164174
Ion Ratio Lower Upper
264 100
260 22.2 17.1 25.7
265 21.4 17.4 26.0

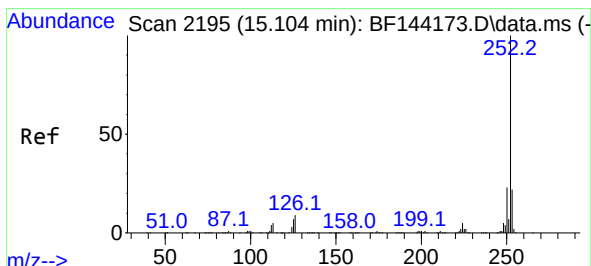
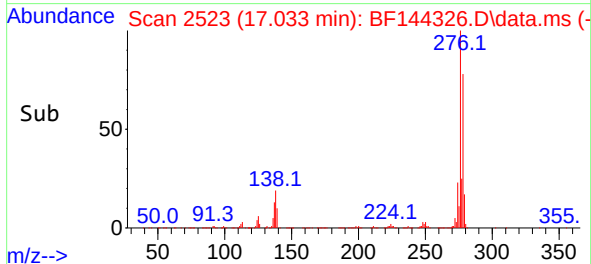
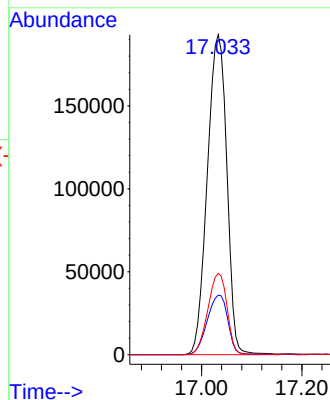
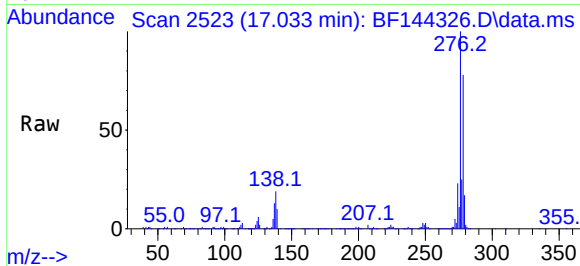




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.274 ng
 RT: 17.033 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF144326.D
 Acq: 24 Nov 2025 16:20

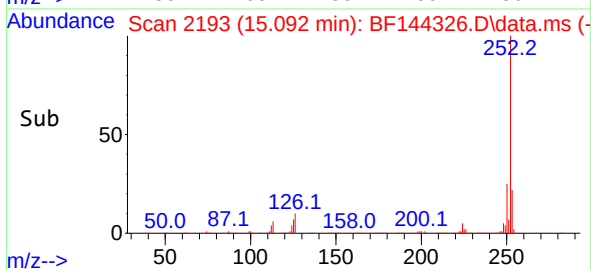
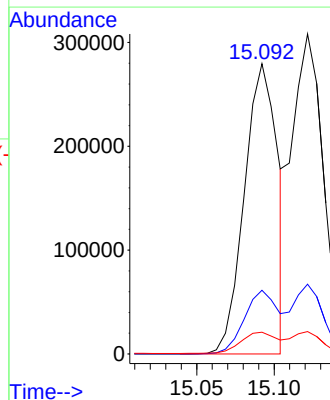
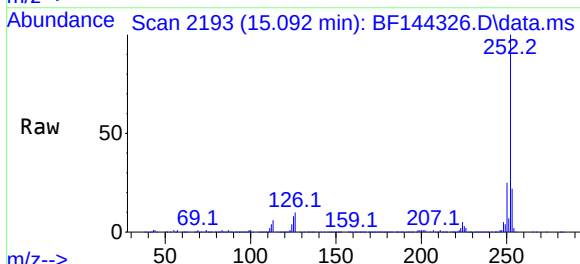
Instrument :
 BNA_F
 ClientSampleId :
 V933MSD

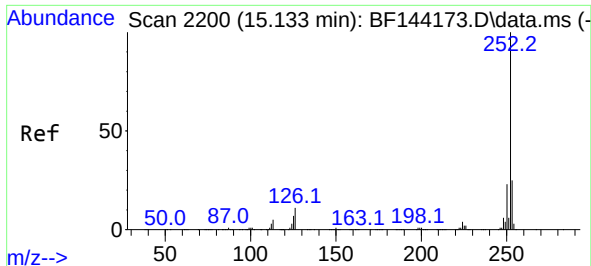
Tgt Ion:276 Resp: 521774
 Ion Ratio Lower Upper
 276 100
 138 19.7 13.9 20.9
 277 25.2 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 44.500 ng
 RT: 15.092 min Scan# 2193
 Delta R.T. -0.006 min
 Lab File: BF144326.D
 Acq: 24 Nov 2025 16:20

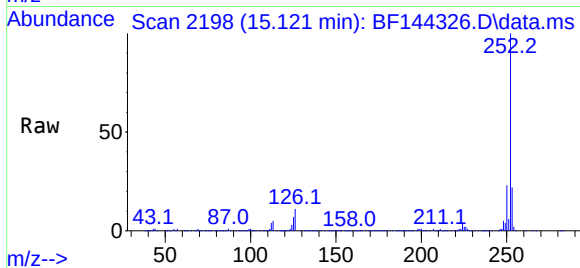
Tgt Ion:252 Resp: 415342
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 7.5 5.3 7.9



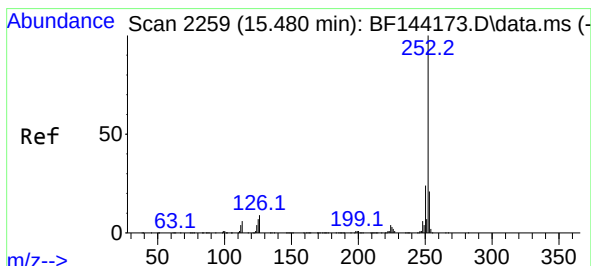
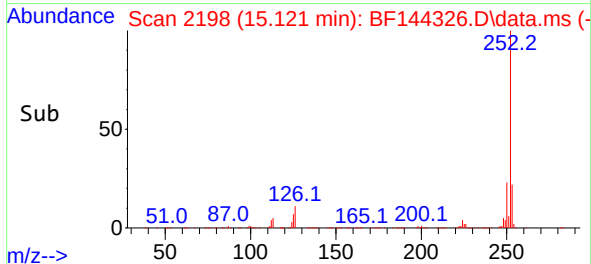
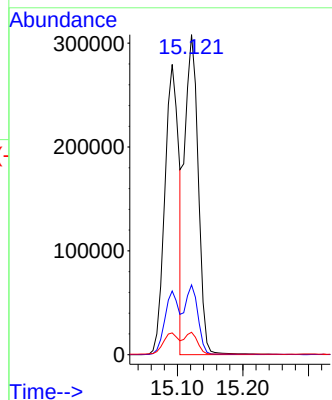


#89
Benzo(k)fluoranthene
Concen: 49.774 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
ClientSampleId :
V933MSD

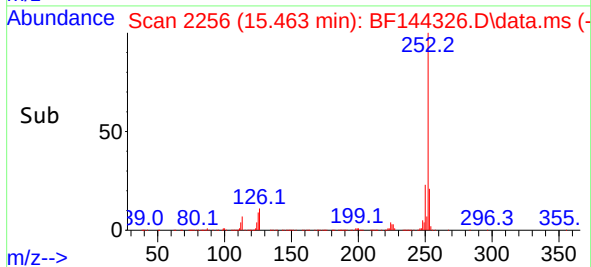
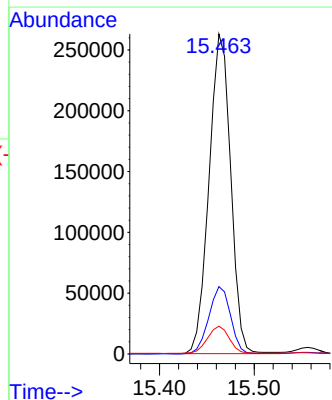
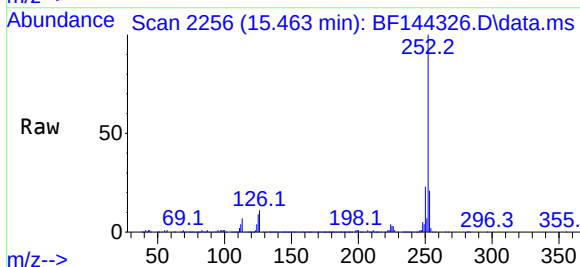


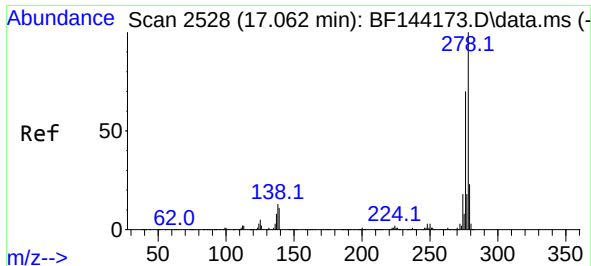
Tgt Ion:252 Resp: 434837
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 7.0 5.4 8.2



#90
Benzo(a)pyrene
Concen: 48.453 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:252 Resp: 417211
Ion Ratio Lower Upper
252 100
253 21.1 16.7 25.1
125 8.7 5.7 8.5#

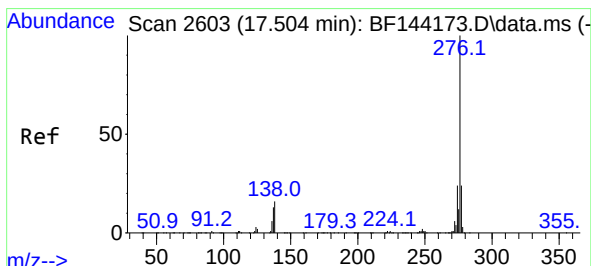
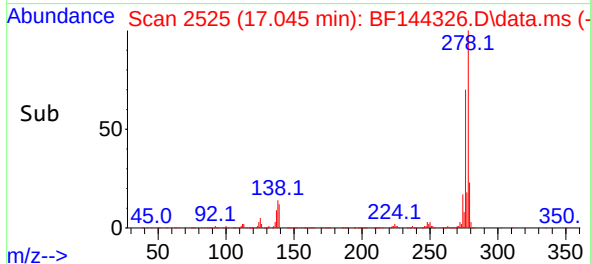
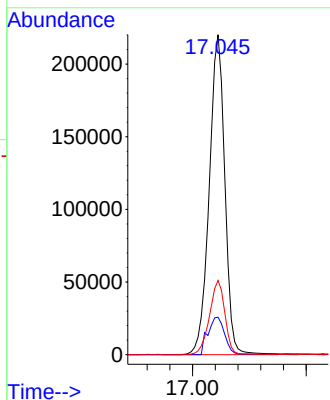
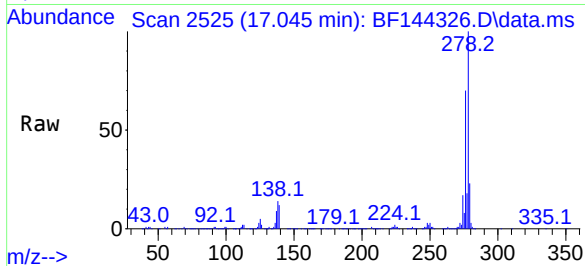




#91
Dibenzo(a,h)anthracene
Concen: 44.268 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Instrument :
BNA_F
ClientSampleId :
V933MSD

Tgt Ion:278 Resp: 418978
Ion Ratio Lower Upper
278 100
139 11.7 9.1 13.7
279 23.2 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 46.644 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144326.D
Acq: 24 Nov 2025 16:20

Tgt Ion:276 Resp: 435956
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 17.9 12.9 19.3

