

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144099.D
 Acq On : 28 Oct 2025 14:16
 Operator : RC/JU
 Sample : PB170267BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170267BS

Quant Time: Oct 28 14:36:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	82245	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	315394	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	185793	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	347429	20.000	ng	0.00
76) Chrysene-d12	14.057	240	187996	20.000	ng	0.00
86) Perylene-d12	15.539	264	212306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	553208	106.418	ng	0.02
7) Phenol-d6	6.516	99	639059	111.312	ng	0.01
23) Nitrobenzene-d5	7.445	82	438470	76.167	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	311085	131.446	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	962682	72.915	ng	0.00
79) Terphenyl-d14	12.998	244	1145319	106.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	72383	32.222	ng	97
3) Pyridine	3.498	79	206241	34.294	ng	98
4) n-Nitrosodimethylamine	3.446	42	147031	39.788	ng	97
6) Aniline	6.545	93	279986	34.089	ng	99
8) 2-Chlorophenol	6.663	128	208044	40.638	ng	98
9) Benzaldehyde	6.428	77	113474	25.457	ng	99
10) Phenol	6.528	94	275183	38.852	ng	88
11) bis(2-Chloroethyl)ether	6.616	93	214428	41.896	ng	97
12) 1,3-Dichlorobenzene	6.822	146	249087	39.443	ng	99
13) 1,4-Dichlorobenzene	6.898	146	255042	40.980	ng	98
14) 1,2-Dichlorobenzene	7.045	146	248274	41.229	ng	100
15) Benzyl Alcohol	7.022	79	211812	45.373	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	400224	41.607	ng	94
17) 2-Methylphenol	7.134	107	173635	44.099	ng	97
18) Hexachloroethane	7.392	117	88920	39.963	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	166760	44.918	ng	95
20) 3+4-Methylphenols	7.286	107	197810	42.497	ng	# 84
22) Acetophenone	7.292	105	316501	46.435	ng	96
24) Nitrobenzene	7.463	77	248557	40.816	ng	100
25) Isophorone	7.704	82	449516	44.663	ng	99
26) 2-Nitrophenol	7.775	139	125980	43.486	ng	99
27) 2,4-Dimethylphenol	7.816	122	203646	47.303	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	268793	42.825	ng	97
29) 2,4-Dichlorophenol	8.022	162	209860	41.917	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	220886	42.886	ng	98
31) Naphthalene	8.186	128	595729	40.020	ng	99
32) Benzoic acid	7.951	122	170016	62.259	ng	# 83
33) 4-Chloroaniline	8.233	127	137403	26.515	ng	97
34) Hexachlorobutadiene	8.298	225	167090	39.674	ng	98
35) Caprolactam	8.610	113	35190	28.029	ng	89
36) 4-Chloro-3-methylphenol	8.716	107	207200	46.898	ng	94
37) 2-Methylnaphthalene	8.875	142	384568	39.184	ng	97
38) 1-Methylnaphthalene	8.975	142	386706	41.589	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	265538	41.586	ng	99
41) Hexachlorocyclopentadiene	9.028	237	264995	134.365	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	176011	42.408	ng	99

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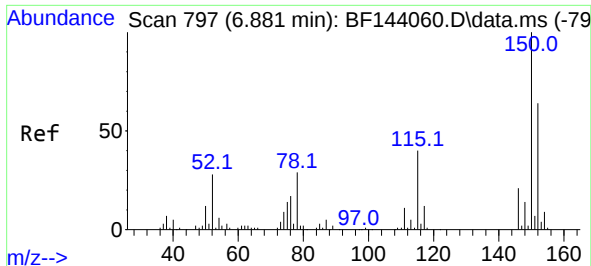
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	189414	43.485	ng	96
46) 1,1'-Biphenyl	9.339	154	583723	43.889	ng	99
47) 2-Chloronaphthalene	9.369	162	435377	39.074	ng	98
48) 2-Nitroaniline	9.463	65	143358	43.328	ng	97
49) Acenaphthylene	9.780	152	697184	46.405	ng	100
50) Dimethylphthalate	9.645	163	558313	45.845	ng	100
51) 2,6-Dinitrotoluene	9.704	165	119243	49.529	ng	97
52) Acenaphthene	9.957	154	395278	39.395	ng	98
53) 3-Nitroaniline	9.875	138	90865	33.946	ng	97
54) 2,4-Dinitrophenol	9.986	184	143249	110.009	ng	99
55) Dibenzofuran	10.127	168	584774	41.981	ng	98
56) 4-Nitrophenol	10.045	139	169400	93.457	ng	97
57) 2,4-Dinitrotoluene	10.116	165	162345	49.963	ng #	93
58) Fluorene	10.475	166	456168	42.980	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.204	232	154702	50.400	ng	92
60) Diethylphthalate	10.345	149	525544	45.888	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	260833	43.700	ng	97
62) 4-Nitroaniline	10.498	138	119406	47.080	ng	97
63) Azobenzene	10.622	77	491191	45.313	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	102655	46.053	ng	97
66) n-Nitrosodiphenylamine	10.580	169	460065	41.445	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	182630	41.984	ng	99
68) Hexachlorobenzene	11.022	284	228963	42.918	ng	96
69) Atrazine	11.110	200	168047	46.134	ng	98
70) Pentachlorophenol	11.216	266	239310	94.237	ng	97
71) Phenanthrene	11.439	178	712433	41.280	ng	99
72) Anthracene	11.486	178	733246	41.128	ng	99
73) Carbazole	11.645	167	632457	41.677	ng	98
74) Di-n-butylphthalate	11.969	149	808755	43.469	ng	100
75) Fluoranthene	12.627	202	782938	41.061	ng	100
77) Benzidine	12.745	184	245602	41.978	ng	97
78) Pyrene	12.857	202	765832	56.663	ng	100
80) Butylbenzylphthalate	13.468	149	256551	50.175	ng	99
81) Benzo(a)anthracene	14.045	228	571832	45.009	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	151207	34.190	ng	99
83) Chrysene	14.080	228	512766	43.009	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	298825	42.809	ng	99
85) Di-n-octyl phthalate	14.639	149	452875	37.726	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	663296	45.506	ng	100
88) Benzo(b)fluoranthene	15.104	252	512853	42.729	ng	99
89) Benzo(k)fluoranthene	15.133	252	506870	45.772	ng	98
90) Benzo(a)pyrene	15.474	252	499311	46.371	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	529734	45.912	ng	100
92) Benzo(g,h,i)perylene	17.503	276	547573	47.204	ng	98

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

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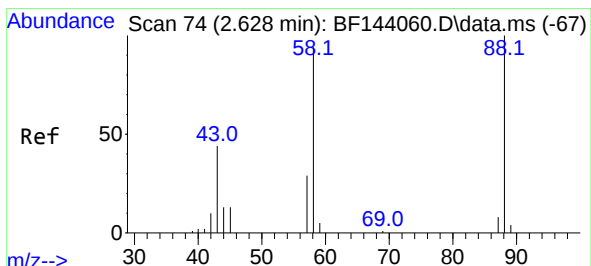
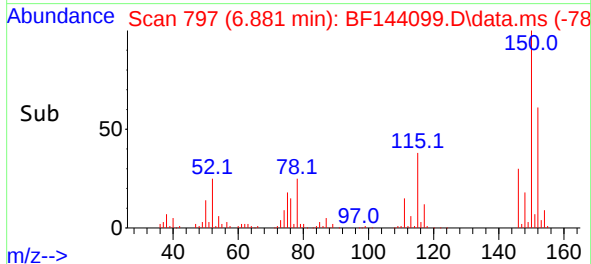
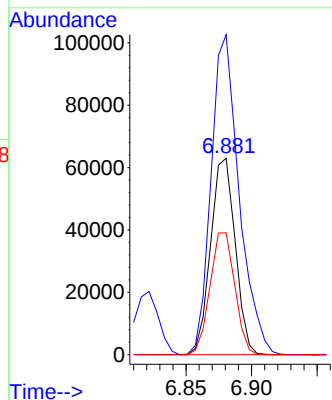
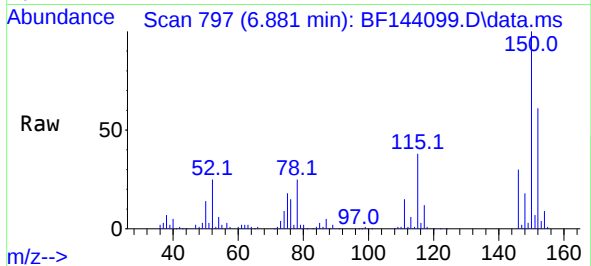




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

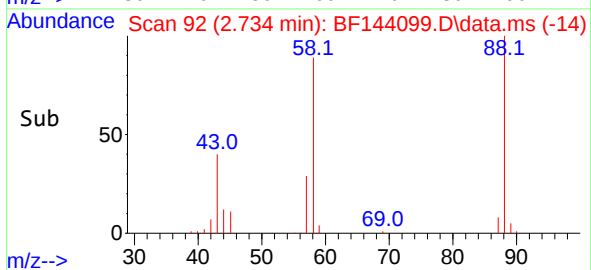
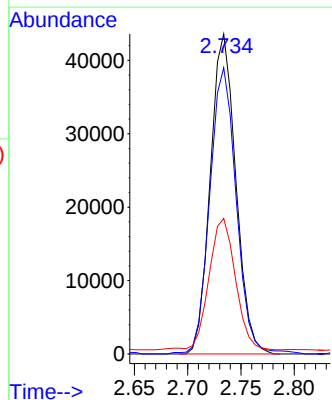
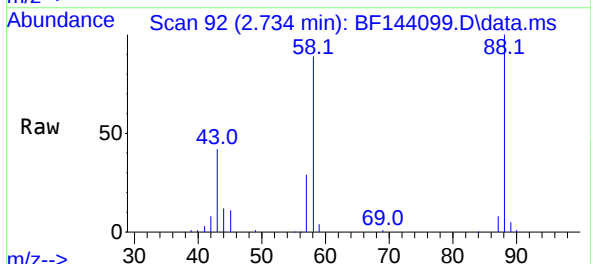
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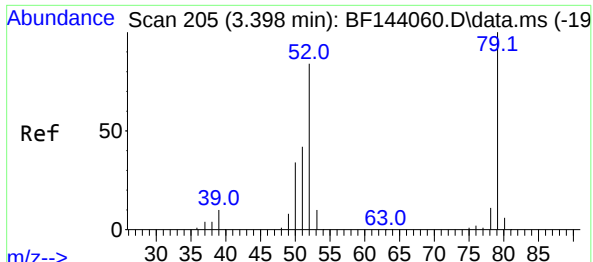
Tgt Ion:152 Resp: 82245
 Ion Ratio Lower Upper
 152 100
 150 162.9 124.4 186.6
 115 62.1 49.4 74.0



#2
 1,4-Dioxane
 Concen: 32.222 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.106 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

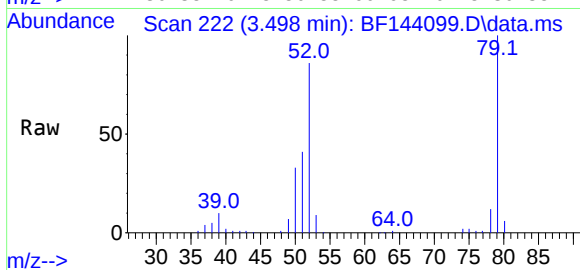
Tgt Ion: 88 Resp: 72383
 Ion Ratio Lower Upper
 88 100
 58 93.0 76.5 114.7
 43 42.6 35.3 52.9



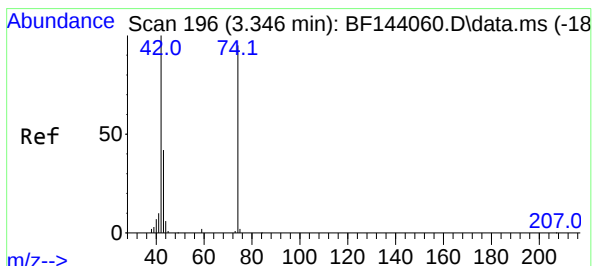
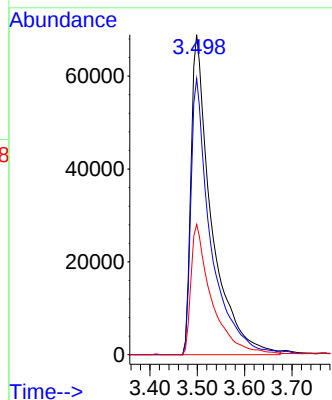
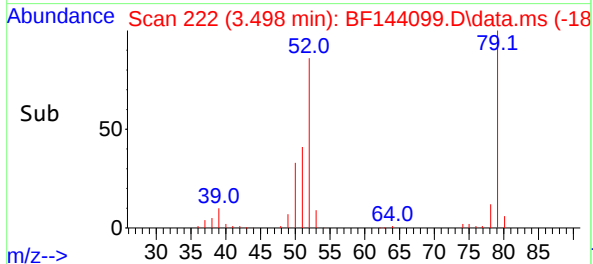


#3
 Pyridine
 Concen: 34.294 ng
 RT: 3.498 min Scan# 21
 Delta R.T. 0.100 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

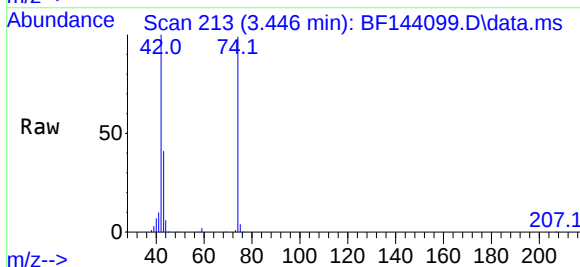
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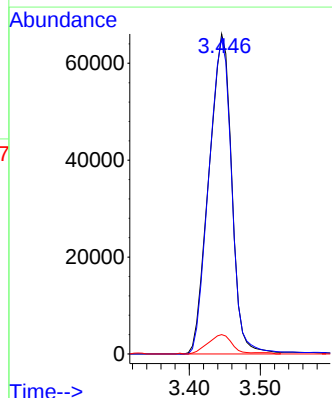
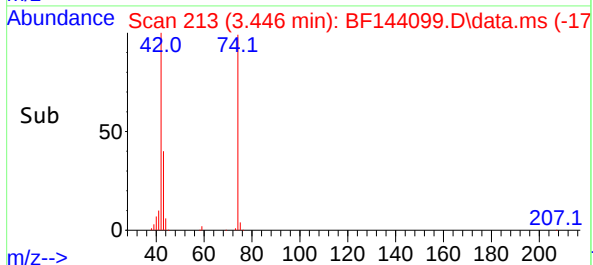
Tgt Ion: 79 Resp: 206241
 Ion Ratio Lower Upper
 79 100
 52 86.3 67.5 101.3
 51 40.7 33.6 50.4

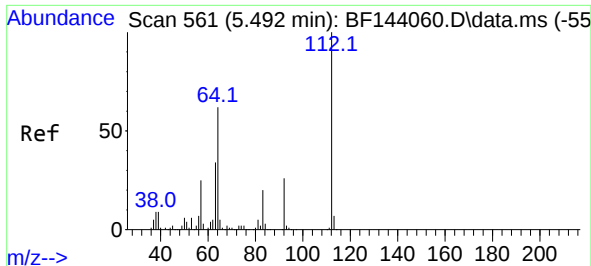


#4
 n-Nitrosodimethylamine
 Concen: 39.788 ng
 RT: 3.446 min Scan# 213
 Delta R.T. 0.100 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16



Tgt Ion: 42 Resp: 147031
 Ion Ratio Lower Upper
 42 100
 74 98.6 76.4 114.6
 44 6.0 5.2 7.8

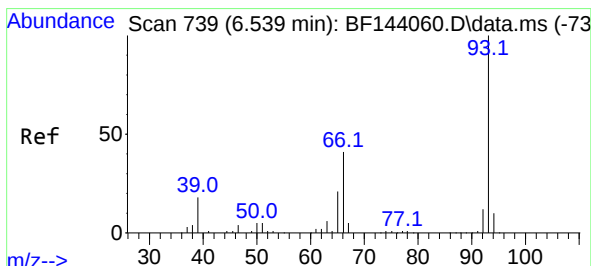
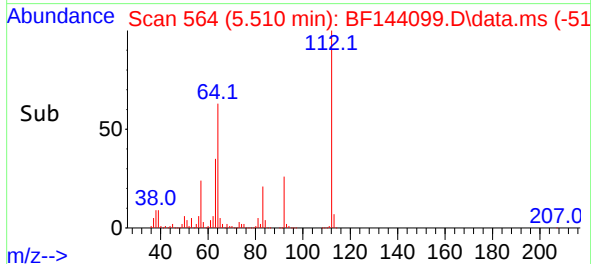
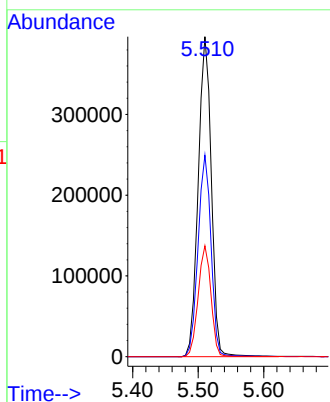
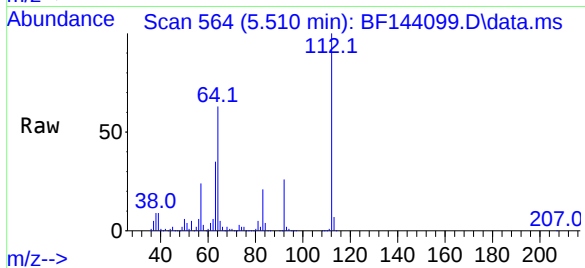




#5
2-Fluorophenol
Concen: 106.418 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

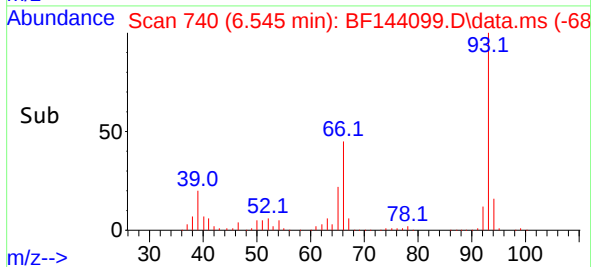
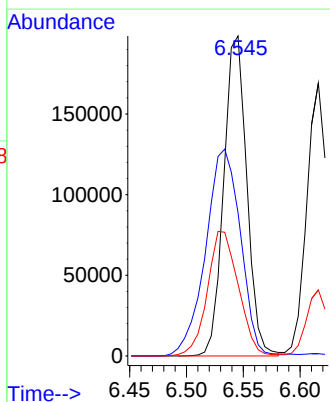
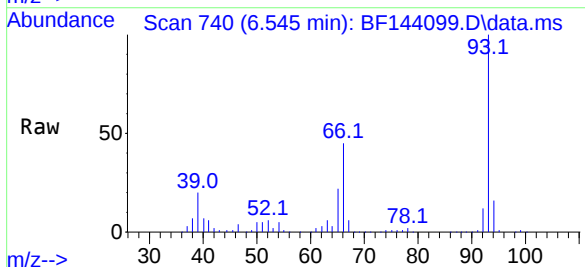
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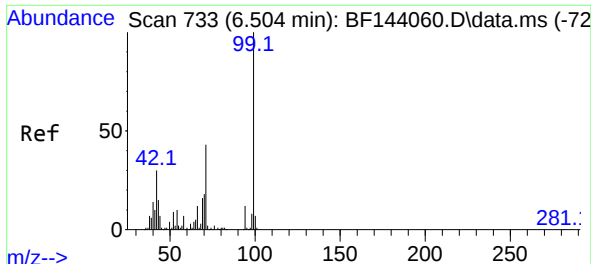
Tgt Ion:112 Resp: 553208
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 34.7 27.4 41.2



#6
Aniline
Concen: 34.089 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion: 93 Resp: 279986
Ion Ratio Lower Upper
93 100
66 44.7 35.7 53.5
65 22.5 17.0 25.6

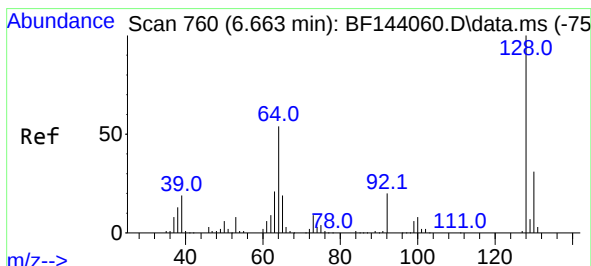
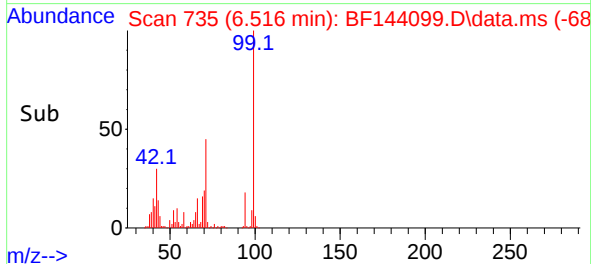
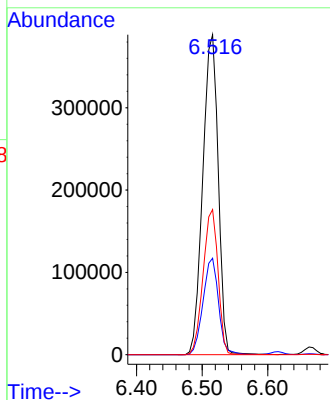
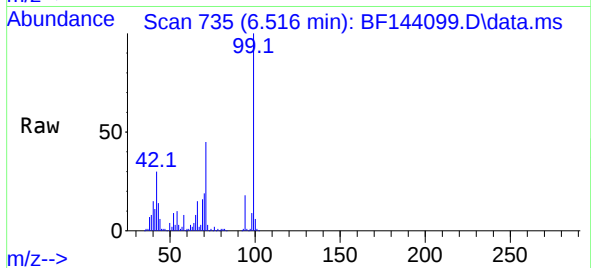




#7
Phenol-d6
Concen: 111.312 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

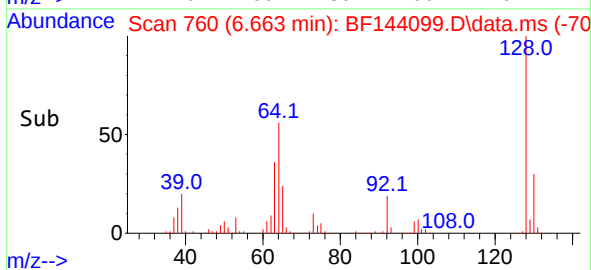
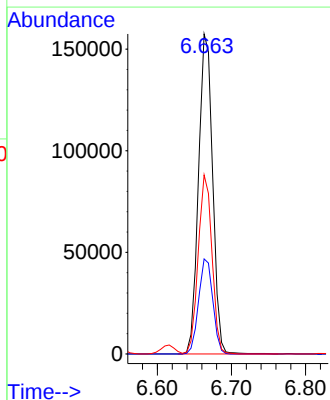
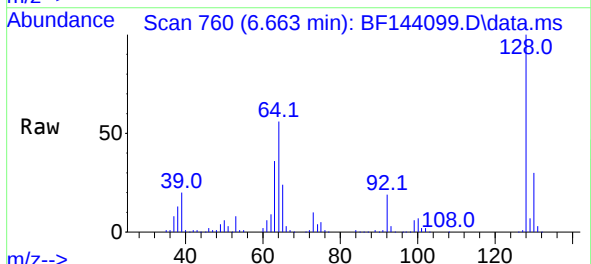
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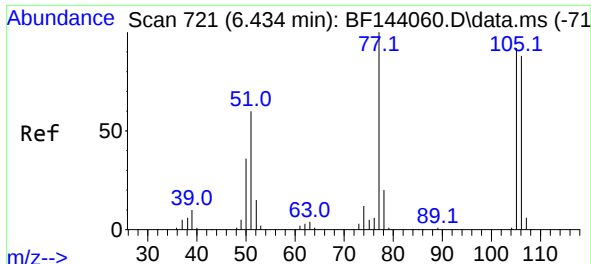
Tgt Ion: 99 Resp: 639059
Ion Ratio Lower Upper
99 100
42 30.2 23.9 35.9
71 45.4 34.4 51.6



#8
2-Chlorophenol
Concen: 40.638 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:128 Resp: 208044
Ion Ratio Lower Upper
128 100
130 29.7 10.7 50.7
64 56.0 34.7 74.7

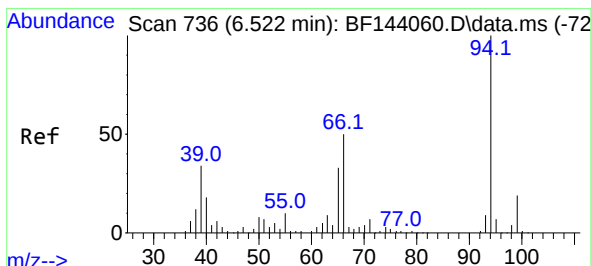
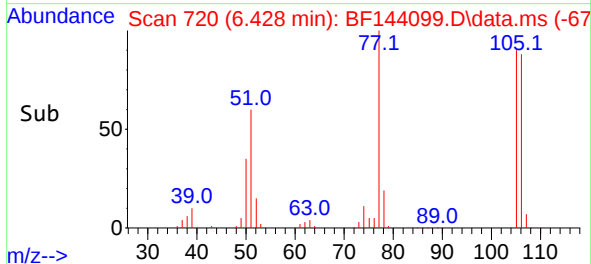
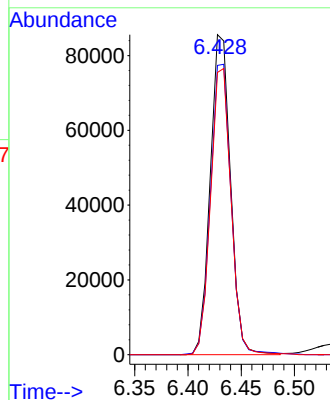
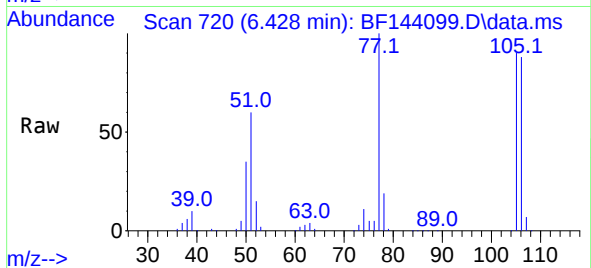




#9
Benzaldehyde
Concen: 25.457 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

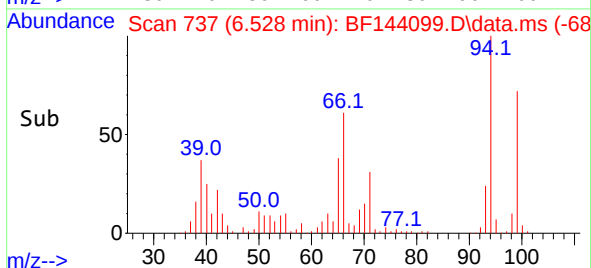
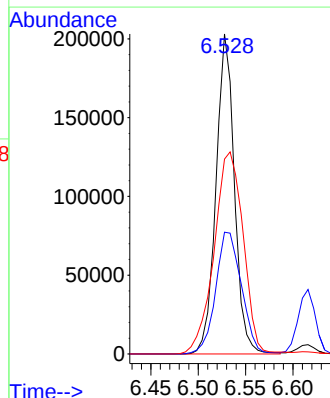
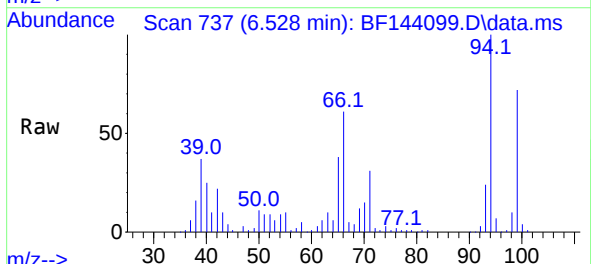
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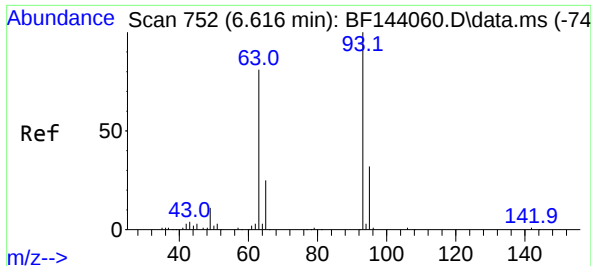
Tgt Ion: 77 Resp: 113474
Ion Ratio Lower Upper
77 100
105 90.4 72.2 112.2
106 88.2 67.9 107.9



#10
Phenol
Concen: 38.852 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion: 94 Resp: 275183
Ion Ratio Lower Upper
94 100
65 38.0 13.1 53.1
66 60.9 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 41.896 ng

RT: 6.616 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB170267BS

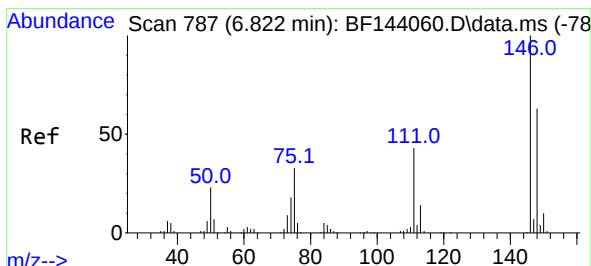
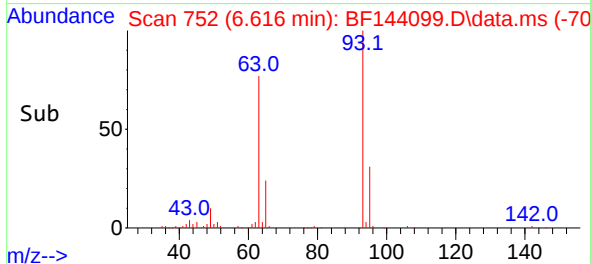
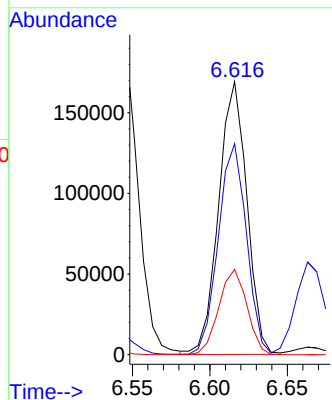
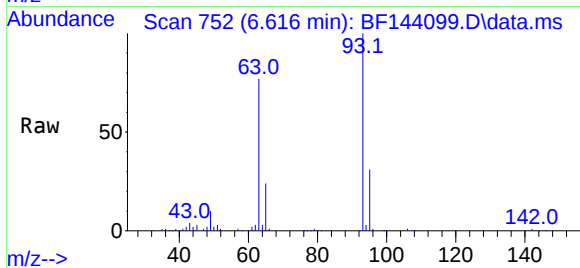
Tgt Ion: 93 Resp: 214428

Ion Ratio Lower Upper

93 100

63 77.2 60.2 100.2

95 31.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.443 ng

RT: 6.822 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

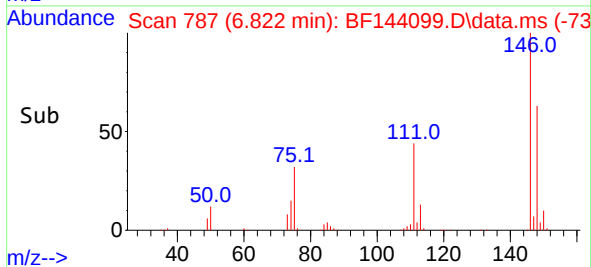
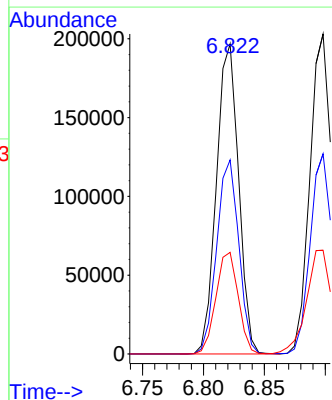
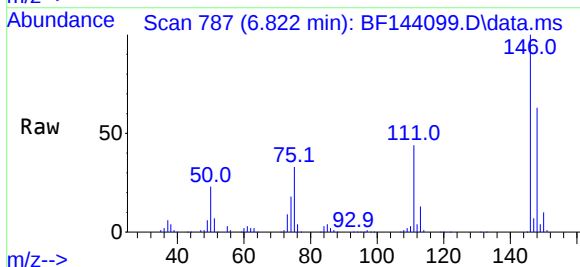
Tgt Ion:146 Resp: 249087

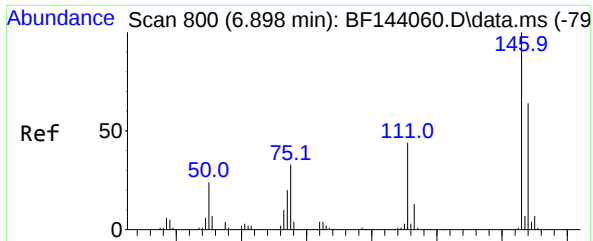
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

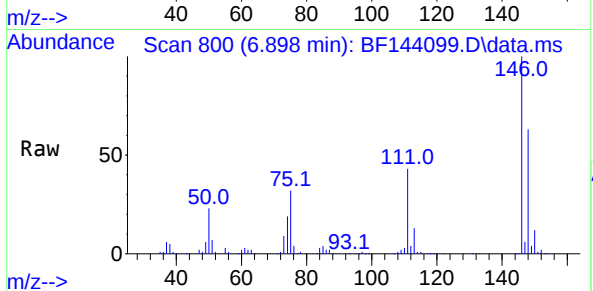
75 32.8 26.6 40.0



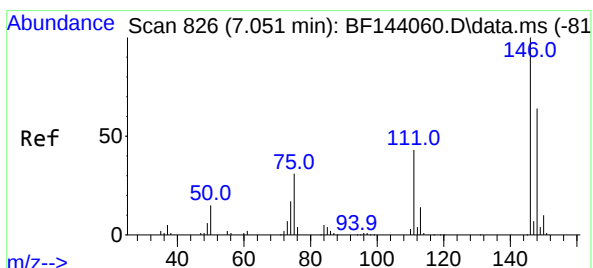
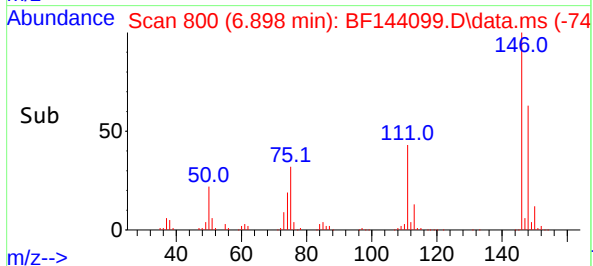
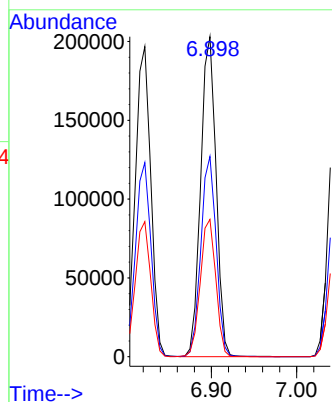


#13
1,4-Dichlorobenzene
Concen: 40.980 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

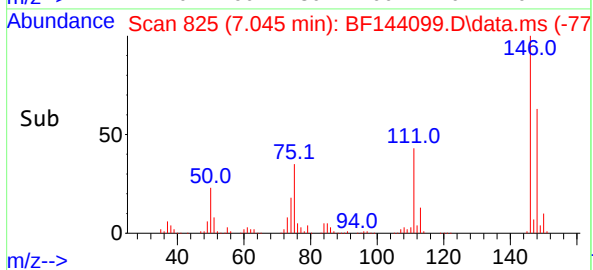
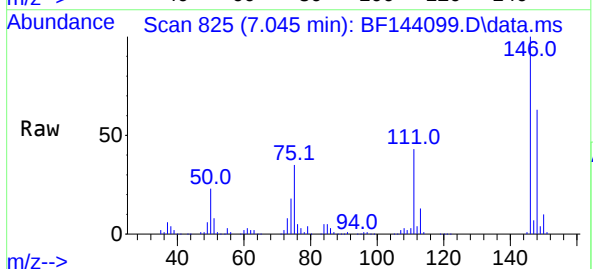
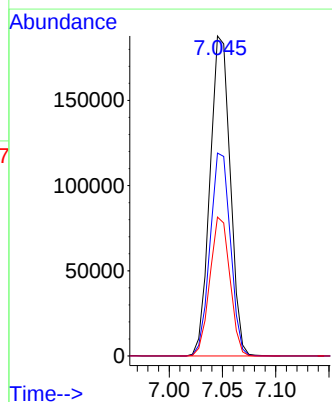


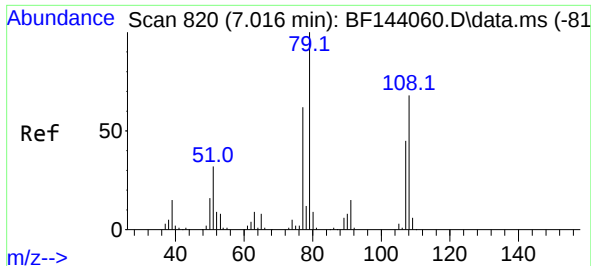
Tgt Ion:146 Resp: 255042
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.6
111 42.9 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 41.229 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:146 Resp: 248274
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
111 43.4 34.7 52.1

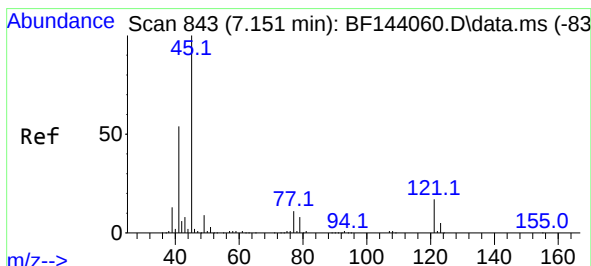
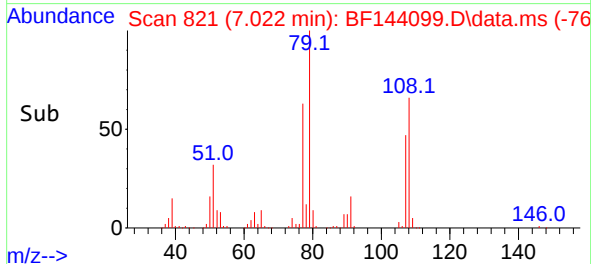
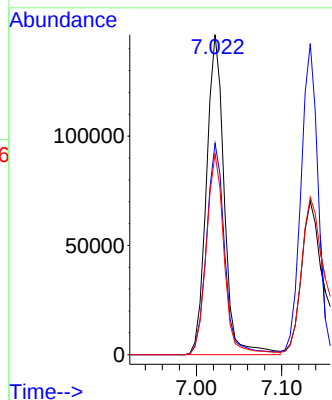
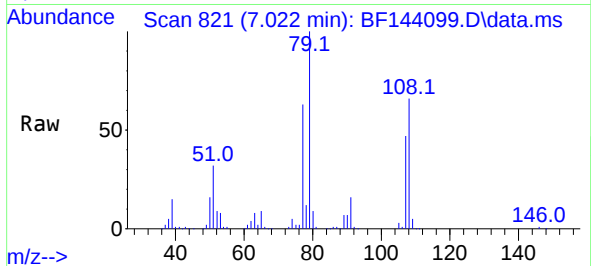




#15
Benzyl Alcohol
Concen: 45.373 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

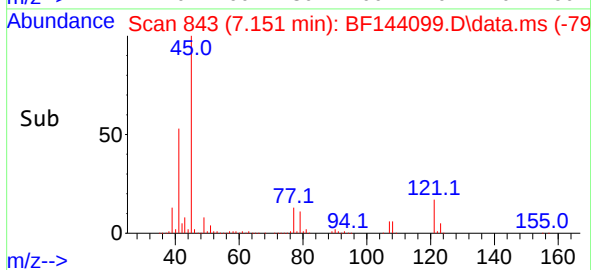
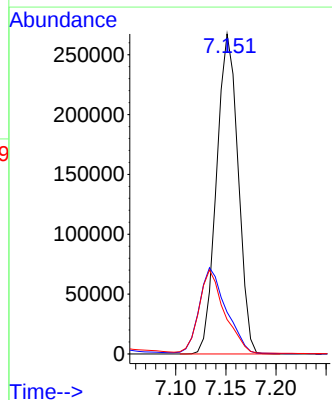
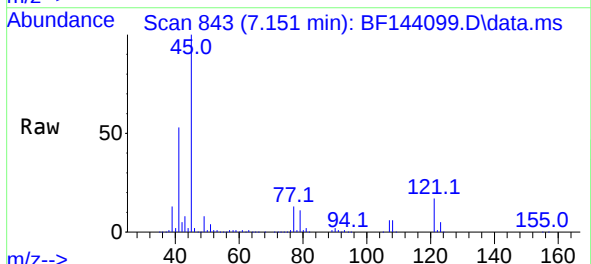
Instrument :
BNA_F
ClientSampleId :
PB170267BS

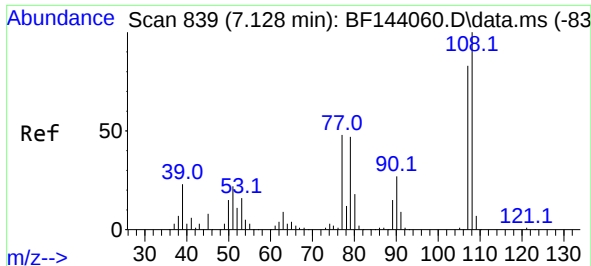
Tgt Ion: 79 Resp: 211812
Ion Ratio Lower Upper
79 100
108 66.0 54.8 82.2
77 62.8 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.607 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion: 45 Resp: 400224
Ion Ratio Lower Upper
45 100
77 13.1 0.0 30.9
79 10.7 0.0 28.2



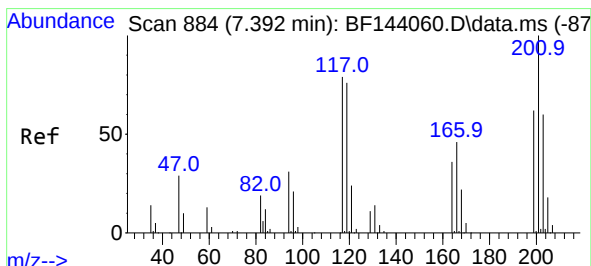
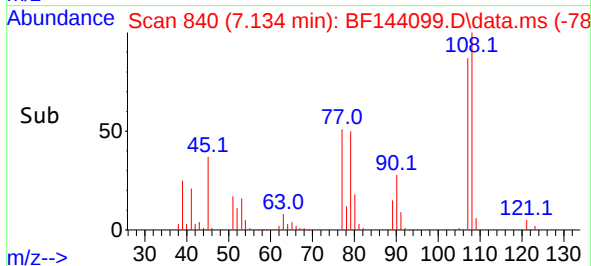
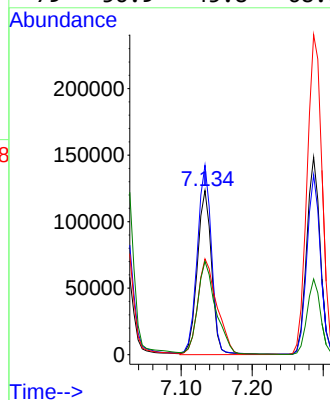
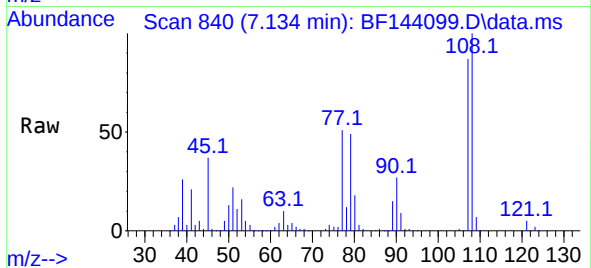


#17
2-Methylphenol
Concen: 44.099 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:107 Resp: 173635

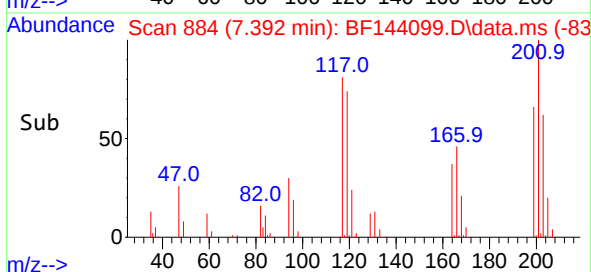
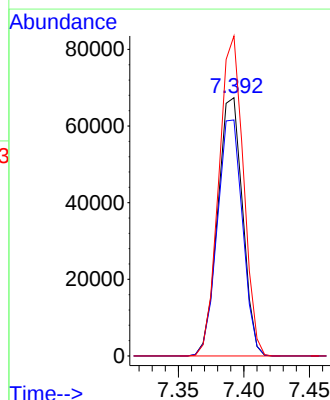
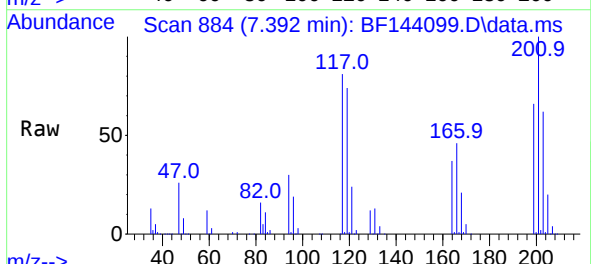
Ion	Ratio	Lower	Upper
107	100		
108	115.4	96.4	144.6
77	58.4	46.8	70.2
79	56.9	45.8	68.6

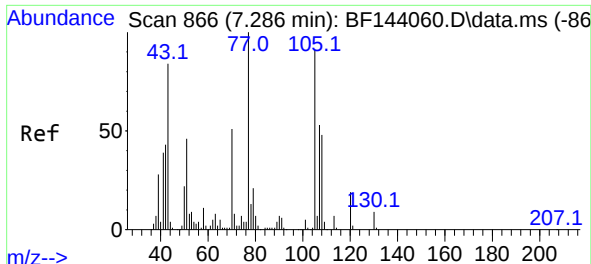


#18
Hexachloroethane
Concen: 39.963 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:117 Resp: 88920

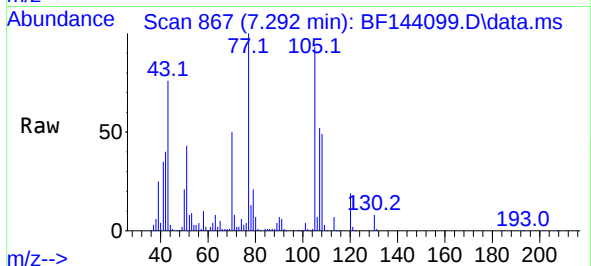
Ion	Ratio	Lower	Upper
117	100		
119	91.3	76.6	115.0
201	123.9	100.9	151.3



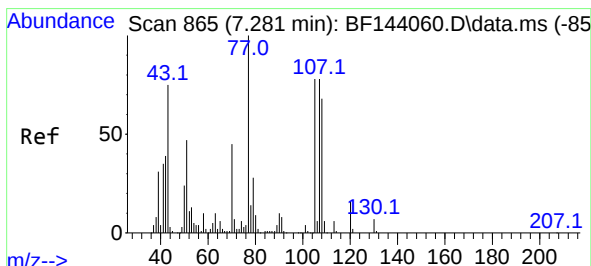
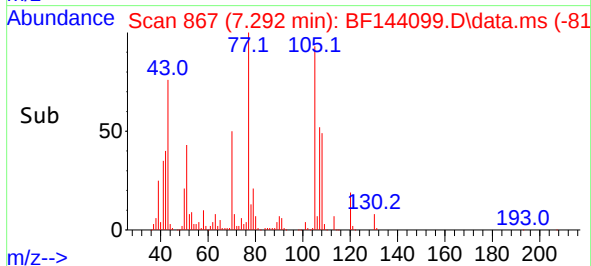
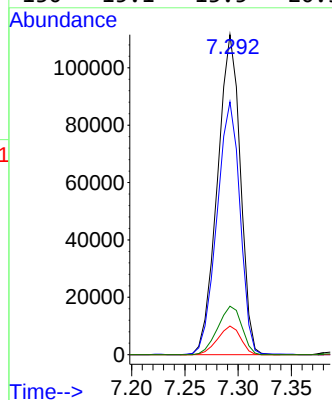


#19
n-Nitroso-di-n-propylamine
Concen: 44.918 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

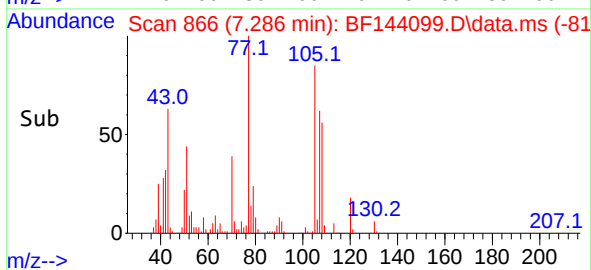
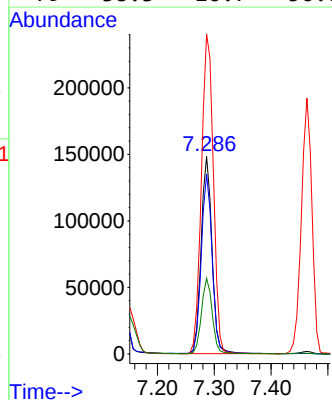
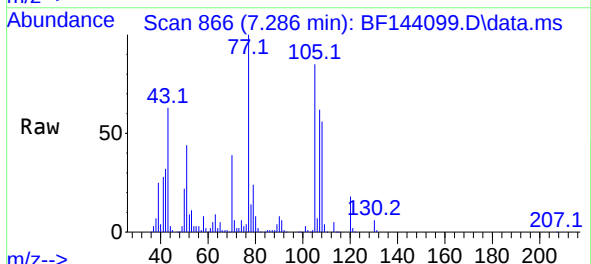


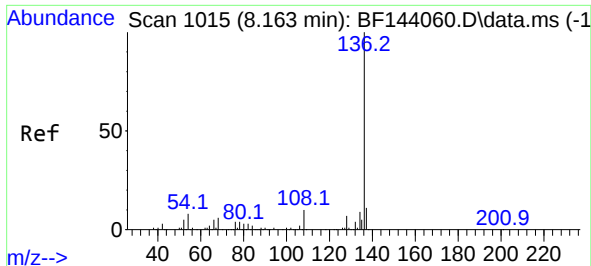
Tgt Ion: 70 Resp: 166760
Ion Ratio Lower Upper
70 100
42 79.0 67.4 101.0
101 8.9 7.1 10.7
130 15.1 13.5 20.3



#20
3+4-Methylphenols
Concen: 42.497 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion: 107 Resp: 197810
Ion Ratio Lower Upper
107 100
108 91.0 68.0 108.0
77 161.9 108.7 148.7#
79 38.3 16.7 56.7



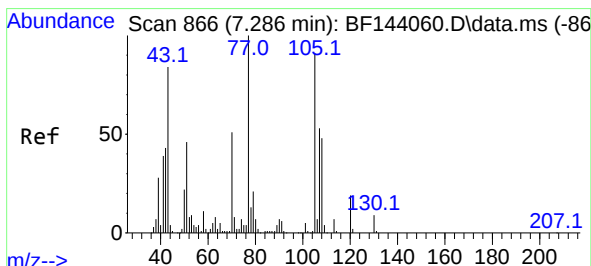
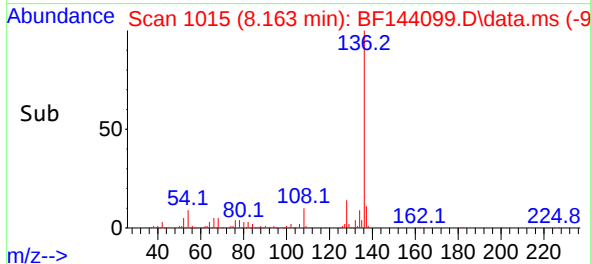
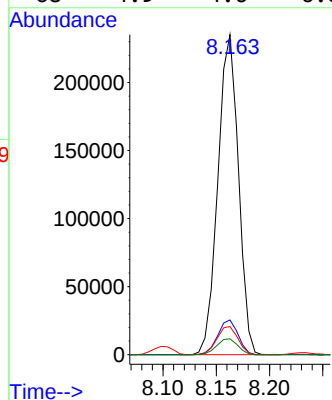
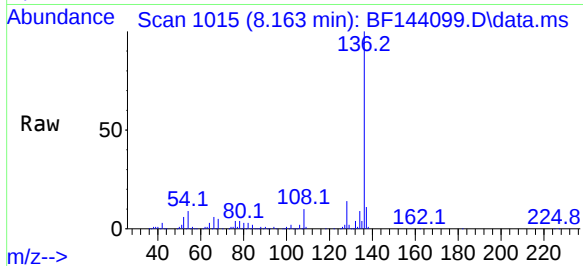


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:136 Resp: 315394

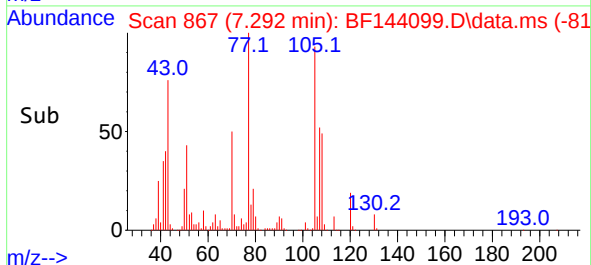
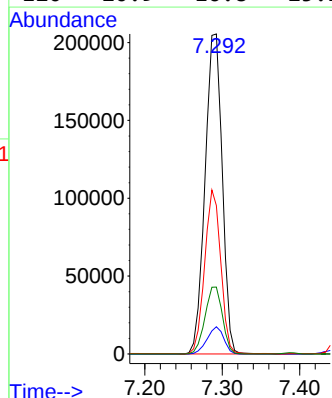
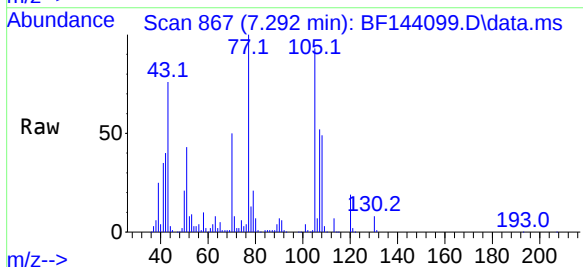
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.8	6.6	9.8
68	4.9	4.6	6.8

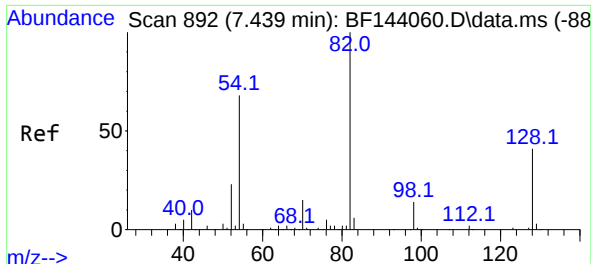


#22
Acetophenone
Concen: 46.435 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:105 Resp: 316501

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.9	10.3
51	46.4	40.6	60.8
120	20.9	16.8	25.2





#23
Nitrobenzene-d5
Concen: 76.167 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

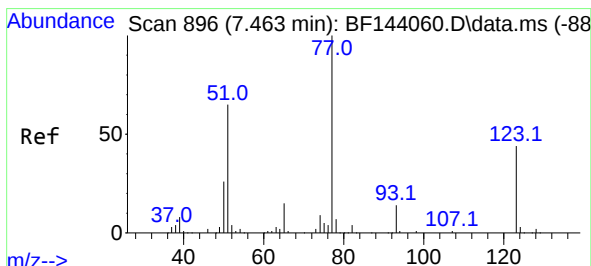
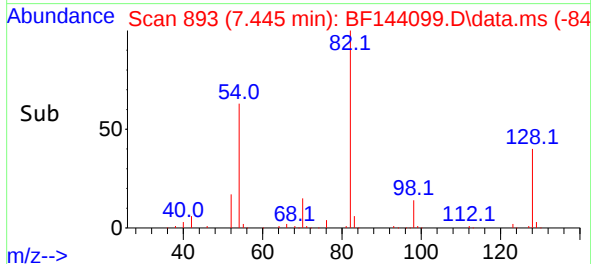
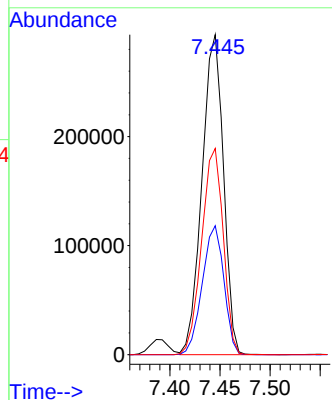
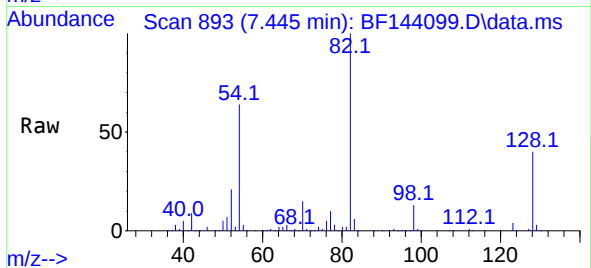
Instrument :

BNA_F

ClientSampleId :

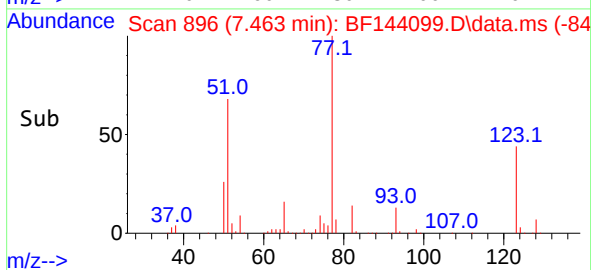
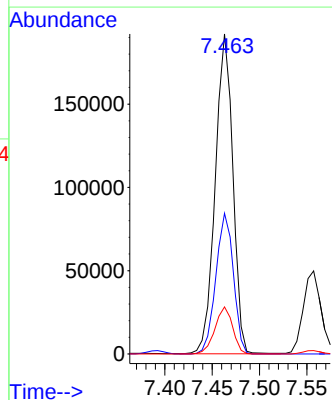
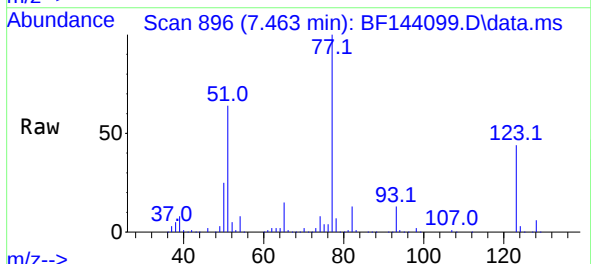
PB170267BS

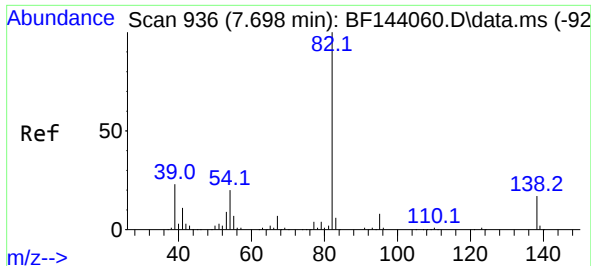
Tgt Ion: 82 Resp: 438470
Ion Ratio Lower Upper
82 100
128 40.3 32.4 48.6
54 64.4 54.0 81.0



#24
Nitrobenzene
Concen: 40.816 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion: 77 Resp: 248557
Ion Ratio Lower Upper
77 100
123 44.0 35.0 52.6
65 14.7 12.2 18.2

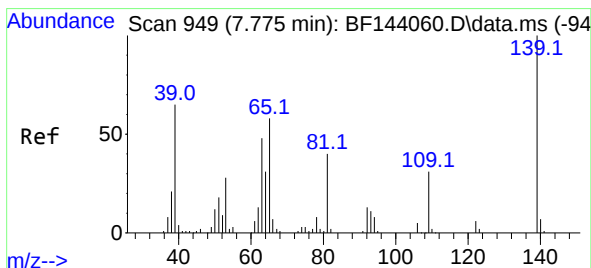
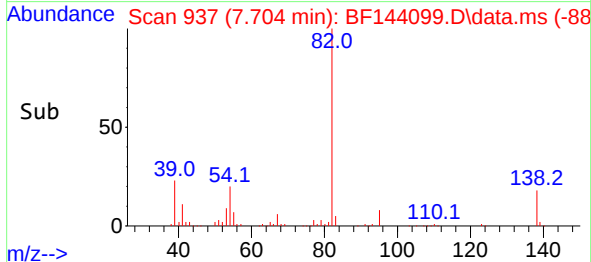
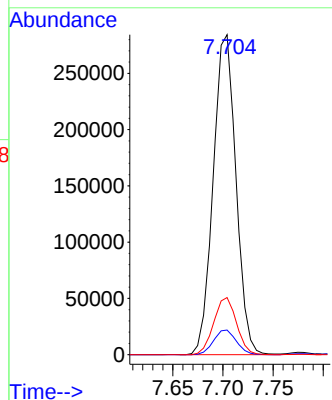
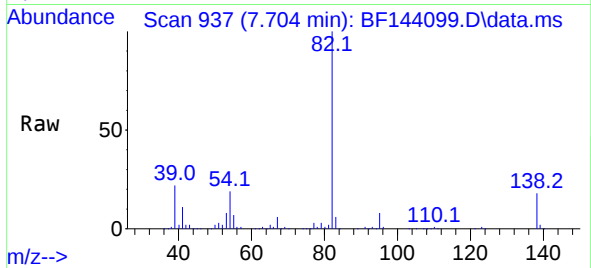




#25
Isophorone
Concen: 44.663 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

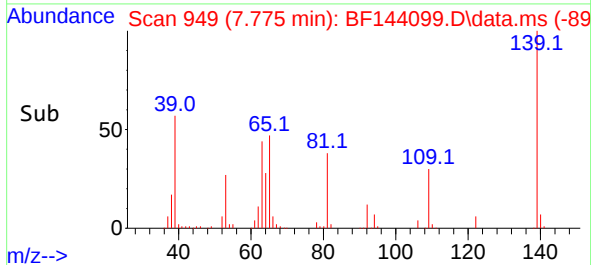
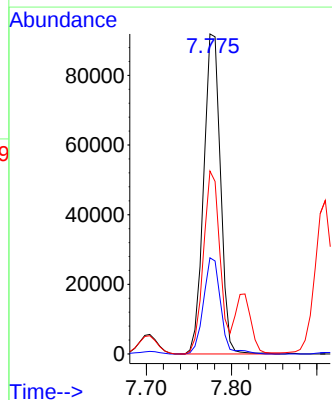
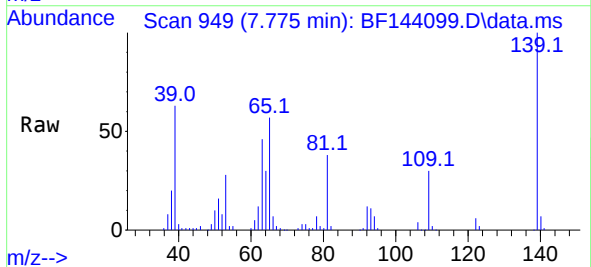
Instrument :
BNA_F
ClientSampleId :
PB170267BS

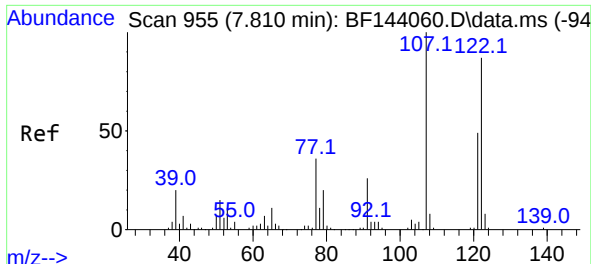
Tgt Ion: 82 Resp: 449516
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 17.9 13.8 20.8



#26
2-Nitrophenol
Concen: 43.486 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:139 Resp: 125980
Ion Ratio Lower Upper
139 100
109 30.0 24.6 37.0
65 57.1 46.6 69.8

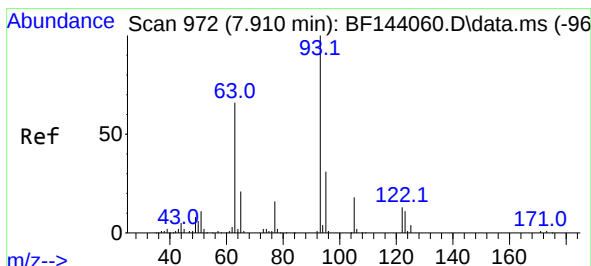
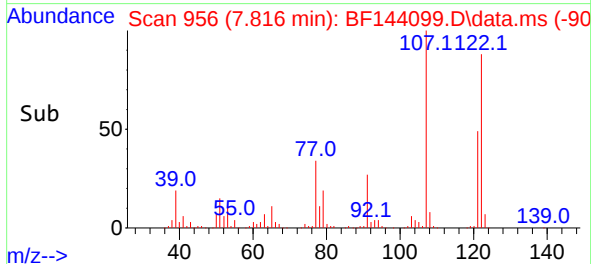
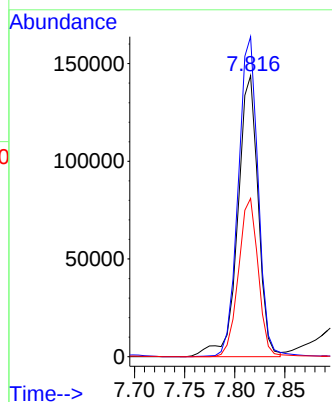
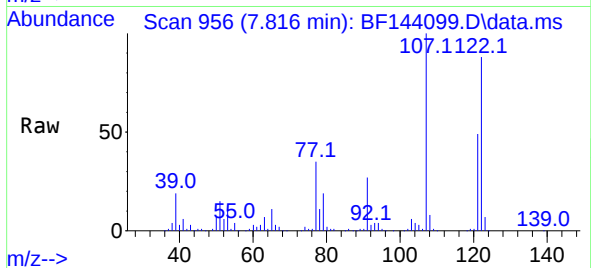




#27
2,4-Dimethylphenol
Concen: 47.303 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

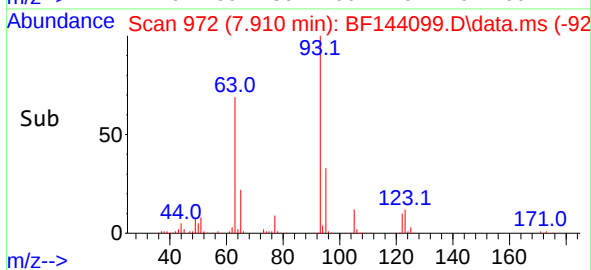
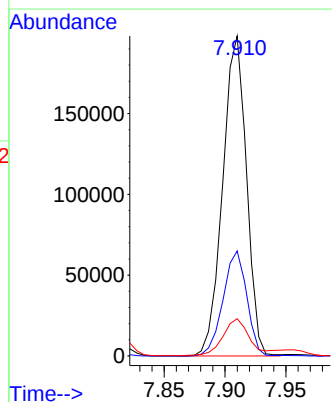
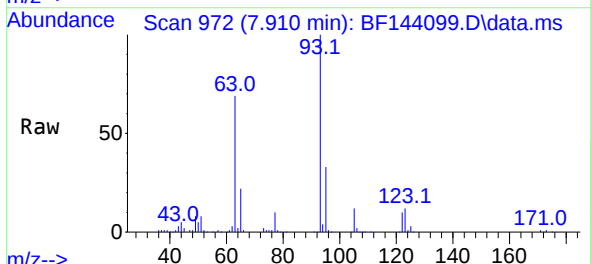
Instrument :
BNA_F
ClientSampleId :
PB170267BS

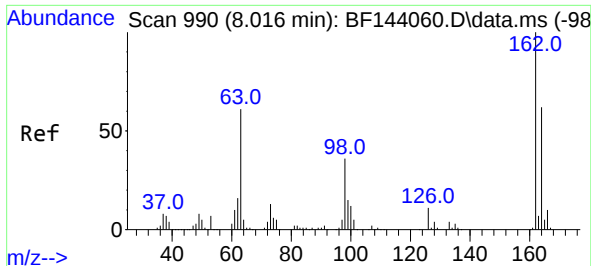
Tgt Ion:122 Resp: 203646
Ion Ratio Lower Upper
122 100
107 113.9 91.8 137.8
121 56.3 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.825 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion: 93 Resp: 268793
Ion Ratio Lower Upper
93 100
95 32.8 24.6 36.8
123 11.6 9.1 13.7

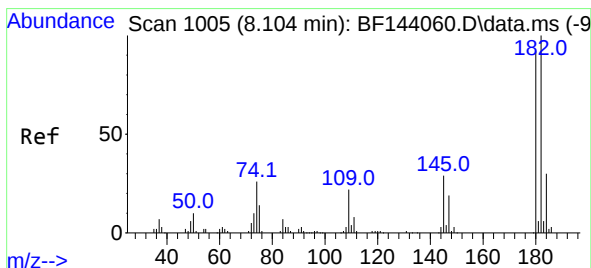
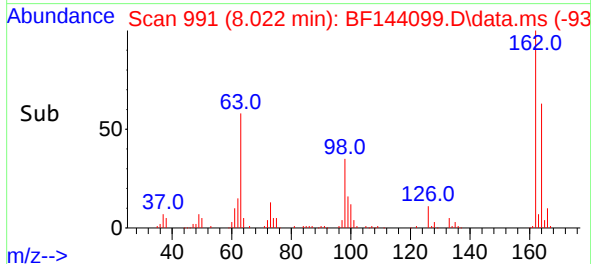
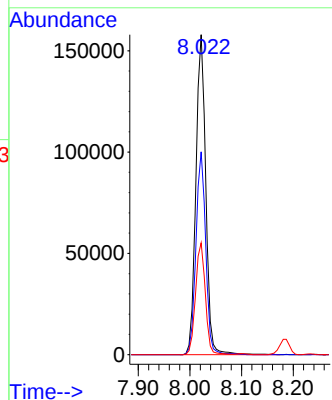
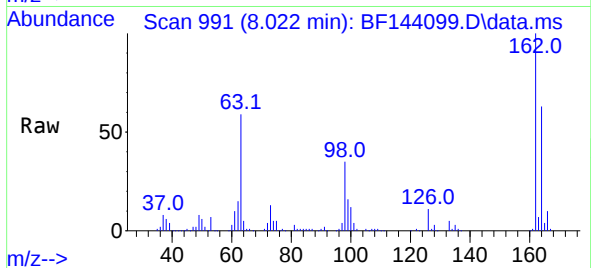




#29
2,4-Dichlorophenol
Concen: 41.917 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

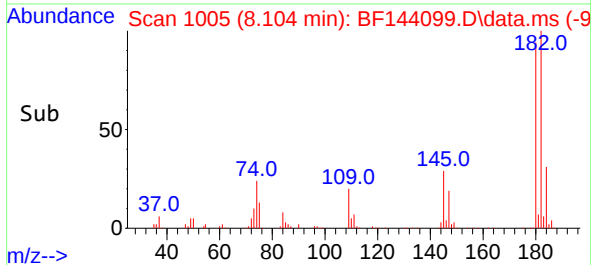
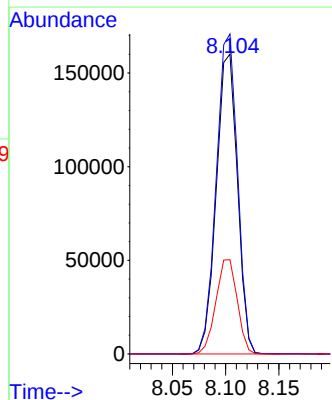
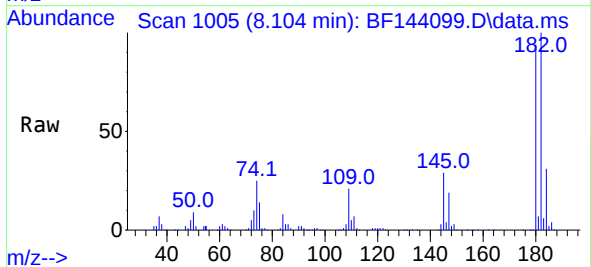
Instrument :
BNA_F
ClientSampleId :
PB170267BS

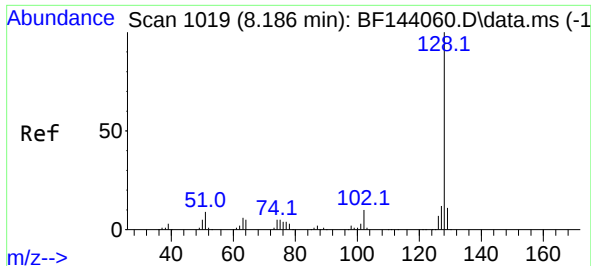
Tgt Ion:162 Resp: 209860
Ion Ratio Lower Upper
162 100
164 63.4 42.1 82.1
98 35.0 16.0 56.0



#30
1,2,4-Trichlorobenzene
Concen: 42.886 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:180 Resp: 220886
Ion Ratio Lower Upper
180 100
182 106.7 87.1 130.7
145 31.4 25.3 37.9

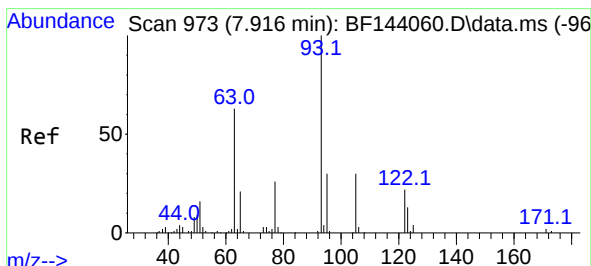
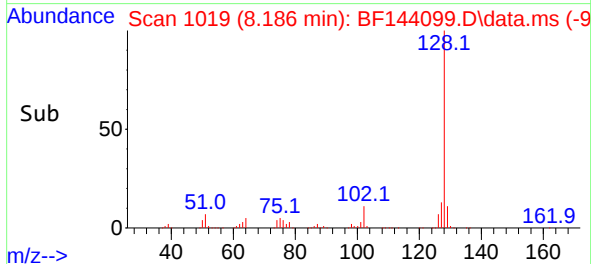
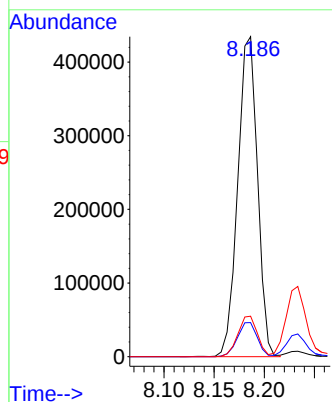
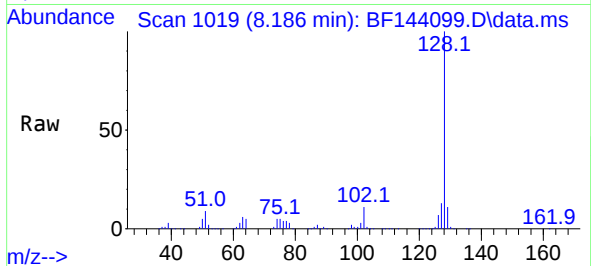




#31
Naphthalene
Concen: 40.020 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

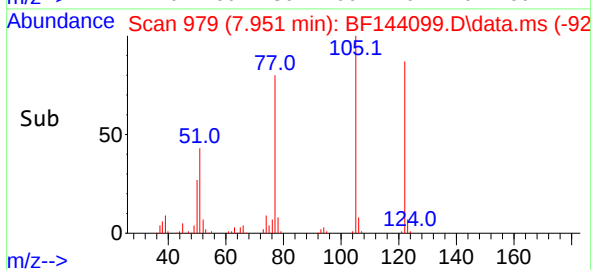
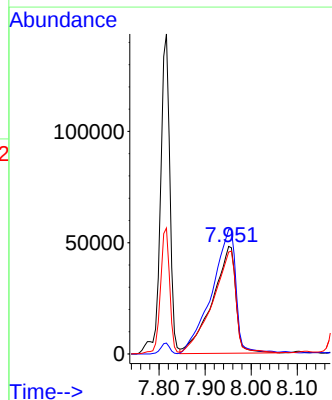
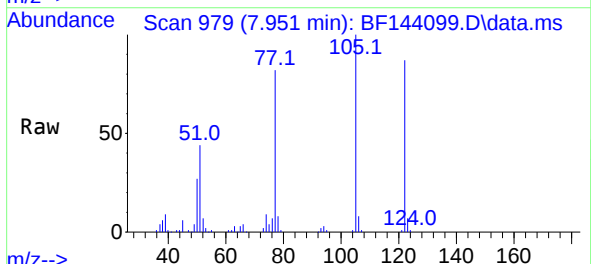
Instrument :
BNA_F
ClientSampleId :
PB170267BS

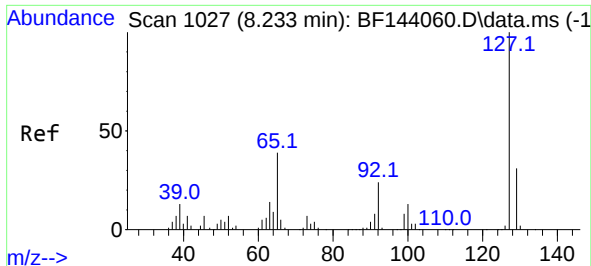
Tgt Ion:128 Resp: 595729
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.7 9.9 14.9



#32
Benzoic acid
Concen: 62.259 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.035 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:122 Resp: 170016
Ion Ratio Lower Upper
122 100
105 115.6 111.3 151.3
77 94.8 96.7 136.7#



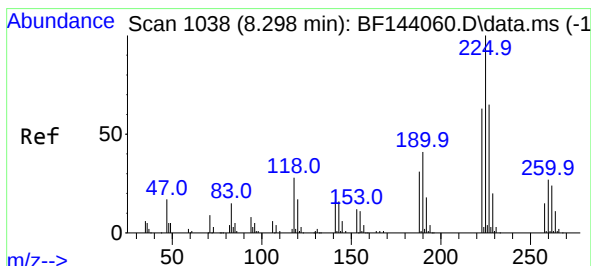
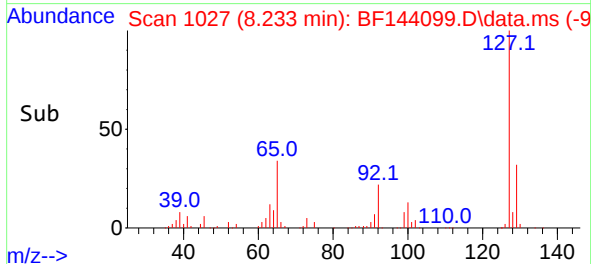
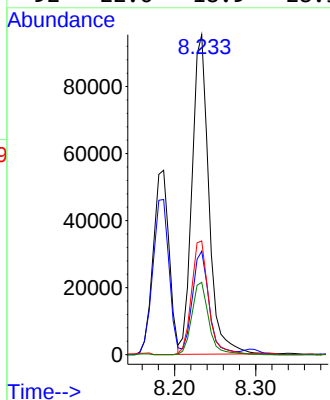
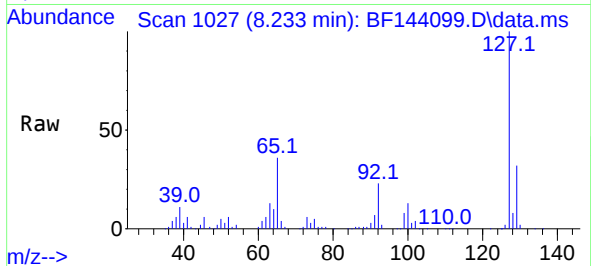


#33
4-Chloroaniline
Concen: 26.515 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:127 Resp: 137403

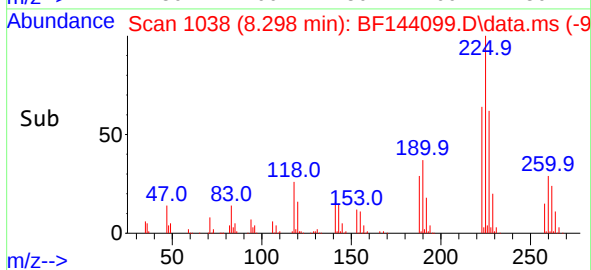
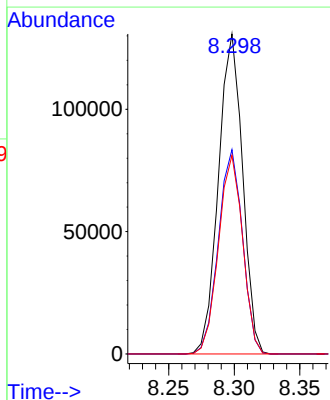
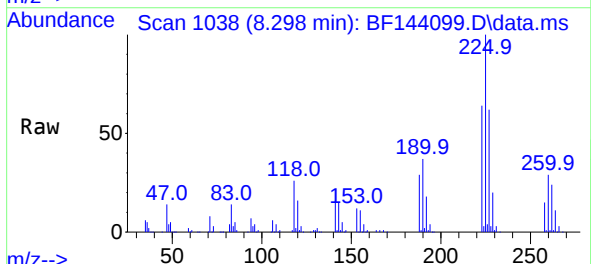
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	35.6	30.9	46.3
92	22.6	18.9	28.3

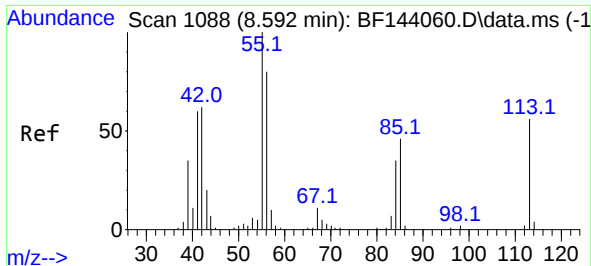


#34
Hexachlorobutadiene
Concen: 39.674 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:225 Resp: 167090

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	62.0	51.8	77.8

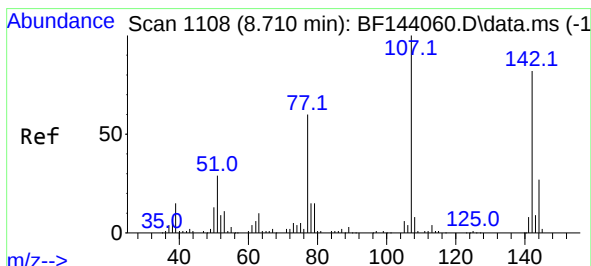
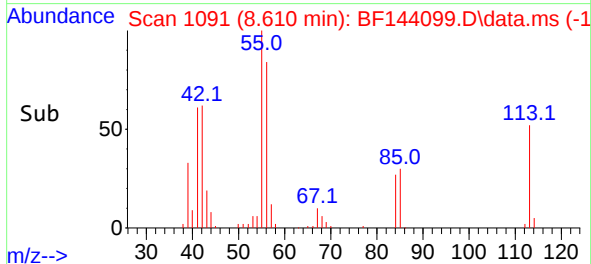
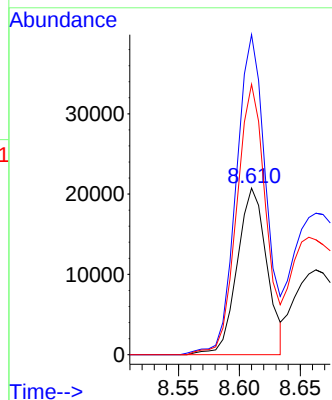
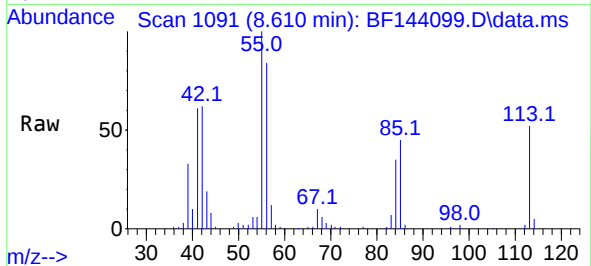




#35
Caprolactam
Concen: 28.029 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.018 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

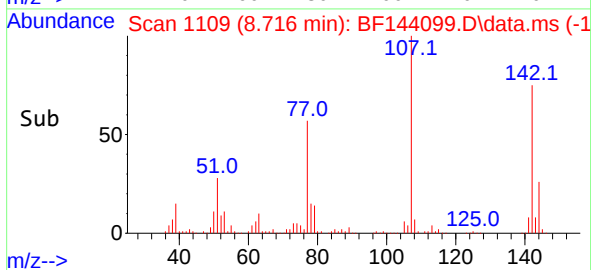
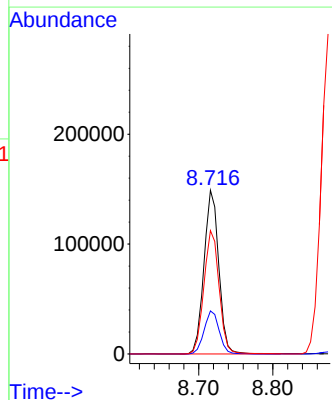
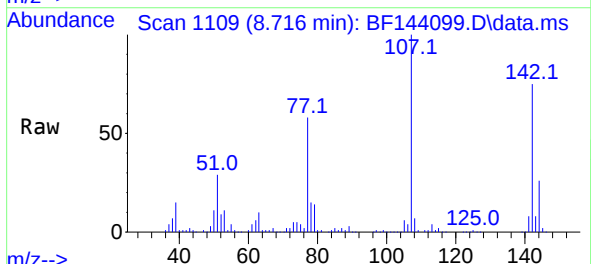
Instrument :
BNA_F
ClientSampleId :
PB170267BS

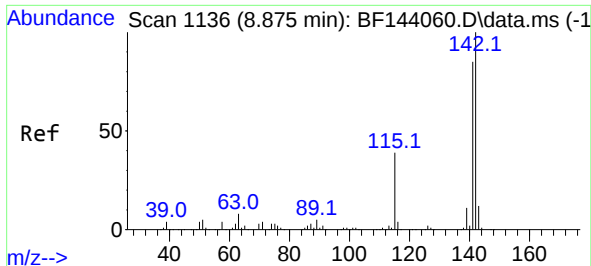
Tgt Ion:113 Resp: 35190
Ion Ratio Lower Upper
113 100
55 192.2 160.1 200.1
56 162.4 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 46.898 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:107 Resp: 207200
Ion Ratio Lower Upper
107 100
144 26.3 21.6 32.4
142 75.4 65.4 98.0





#37

2-Methylnaphthalene

Concen: 39.184 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

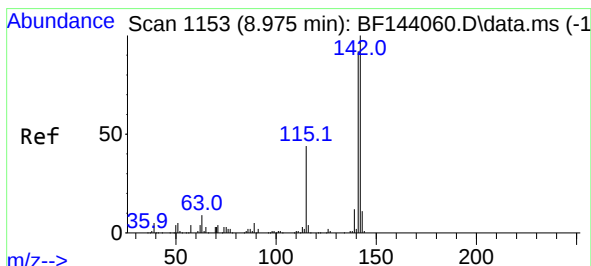
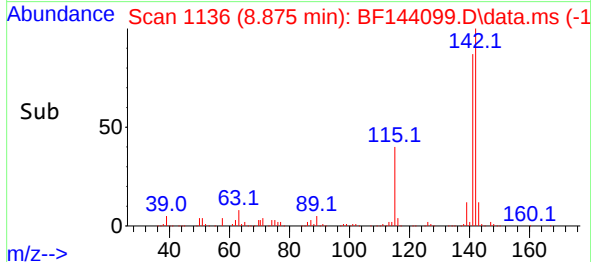
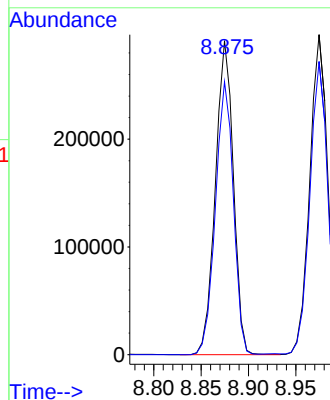
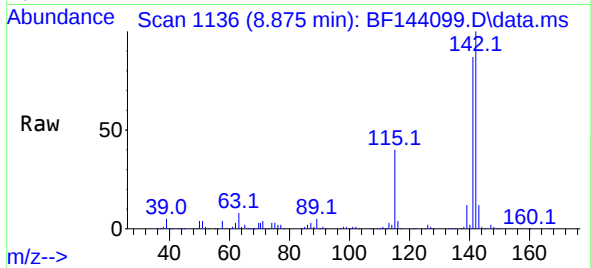
PB170267BS

Tgt Ion:142 Resp: 384568

Ion Ratio Lower Upper

142 100

141 87.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 41.589 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144099.D

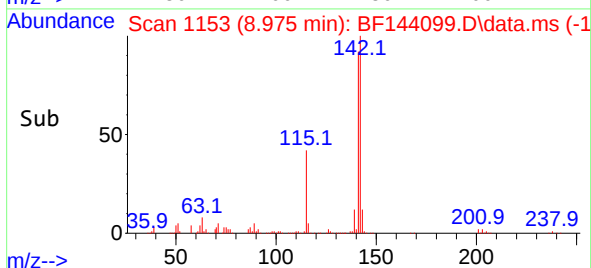
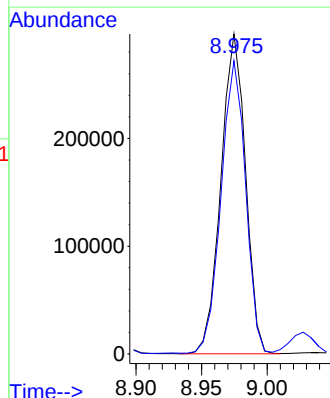
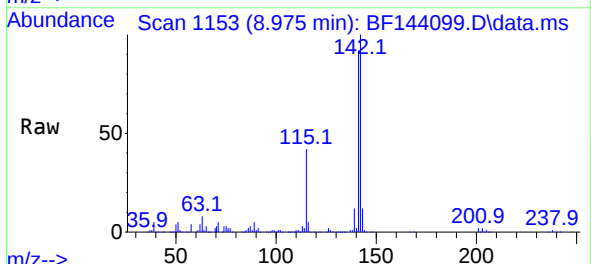
Acq: 28 Oct 2025 14:16

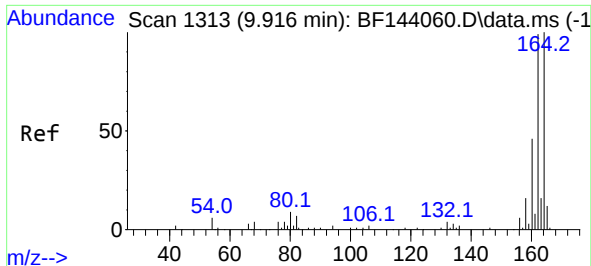
Tgt Ion:142 Resp: 386706

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

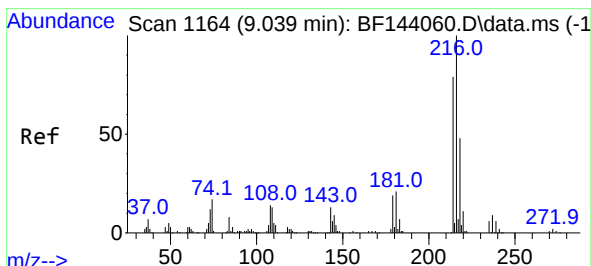
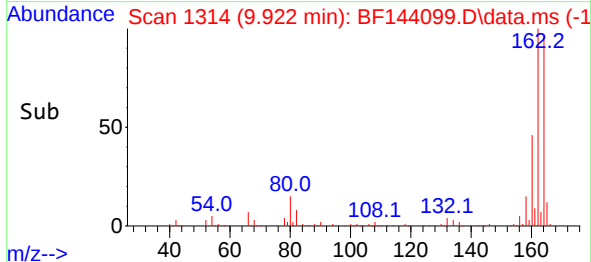
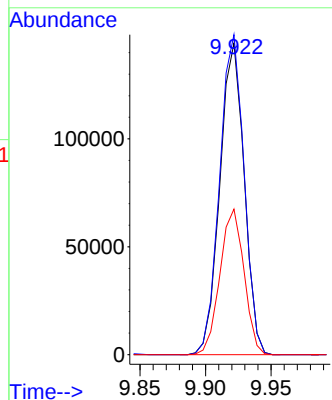
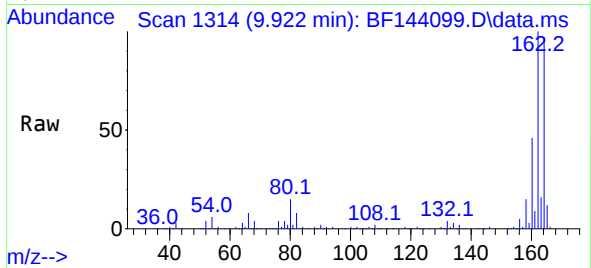




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

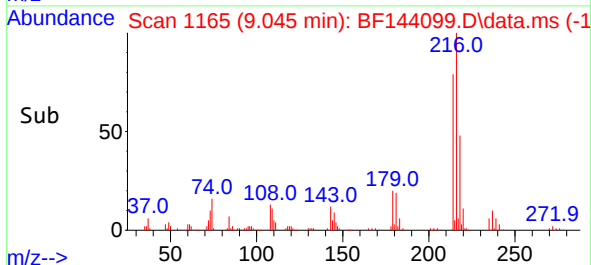
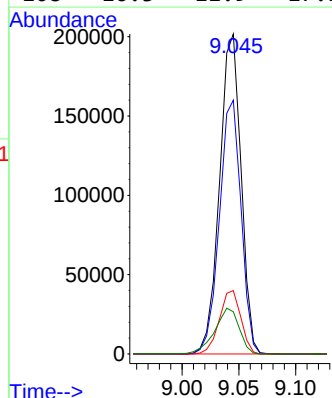
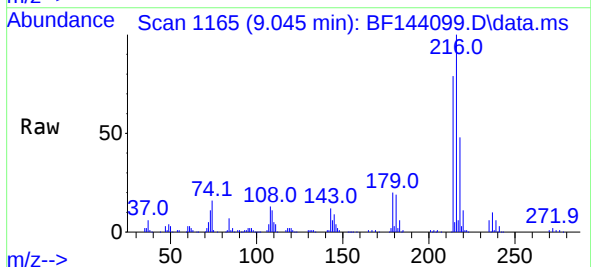
Instrument :
BNA_F
ClientSampleId :
PB170267BS

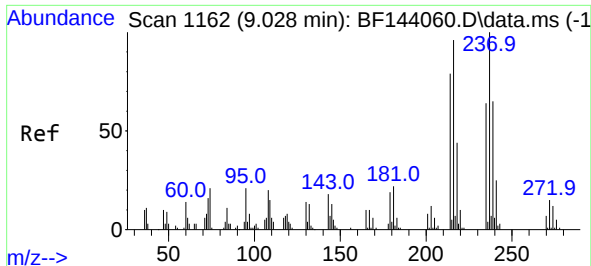
Tgt Ion:164 Resp: 185793
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 46.8 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.586 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:216 Resp: 265538
Ion Ratio Lower Upper
216 100
214 79.9 63.2 94.8
179 19.8 15.2 22.8
108 16.3 11.9 17.9

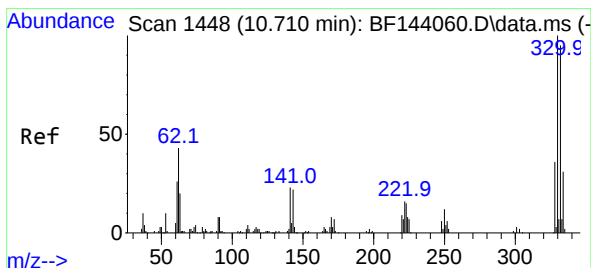
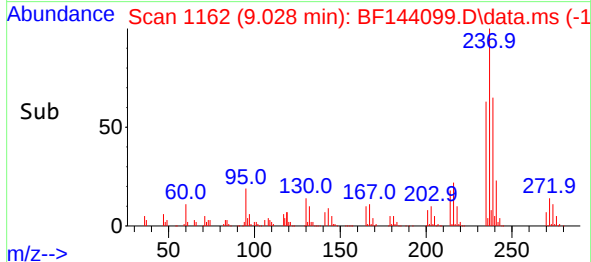
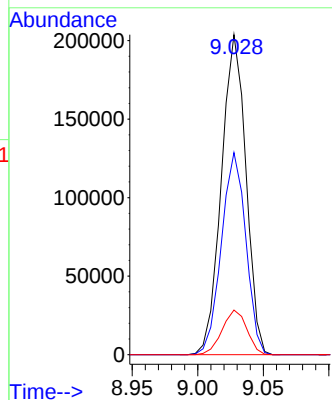
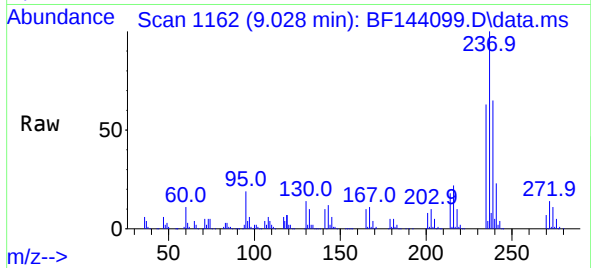




#41
Hexachlorocyclopentadiene
Concen: 134.365 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

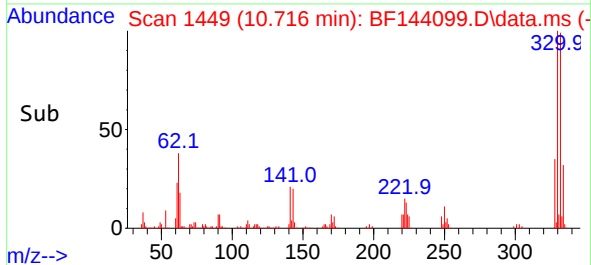
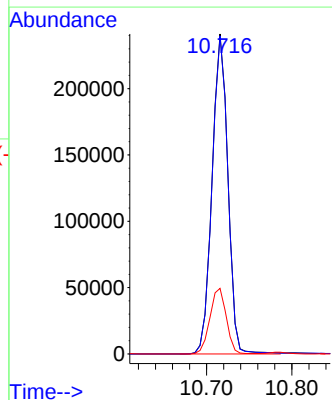
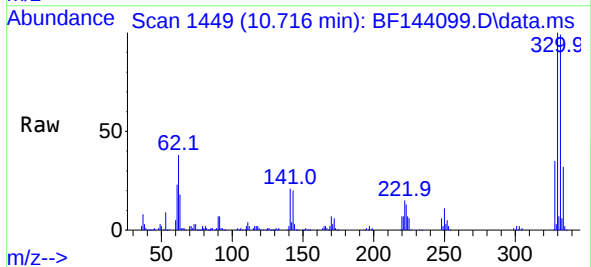
Instrument :
BNA_F
ClientSampleId :
PB170267BS

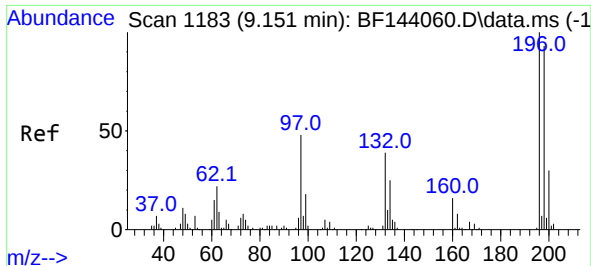
Tgt Ion:237 Resp: 264995
Ion Ratio Lower Upper
237 100
235 63.1 44.3 84.3
272 14.0 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 131.446 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:330 Resp: 311085
Ion Ratio Lower Upper
330 100
332 99.4 77.0 115.6
141 21.2 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 42.408 ng

RT: 9.157 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB170267BS

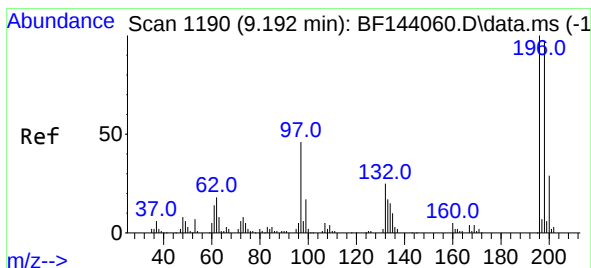
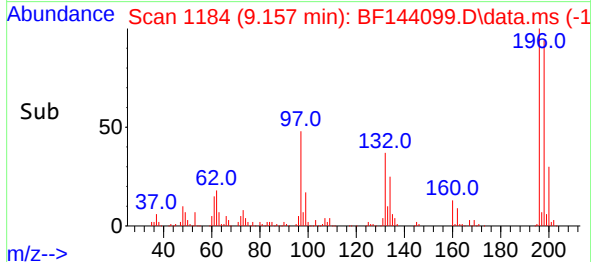
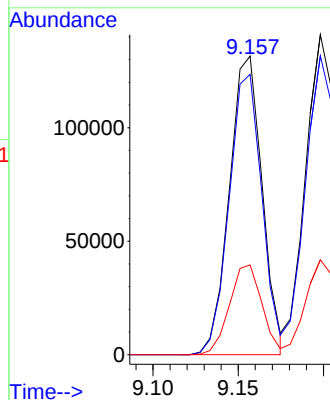
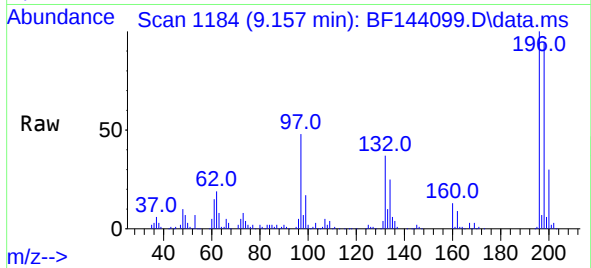
Tgt Ion:196 Resp: 176011

Ion Ratio Lower Upper

196 100

198 93.9 74.4 111.6

200 30.1 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 43.485 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

Tgt Ion:196 Resp: 189414

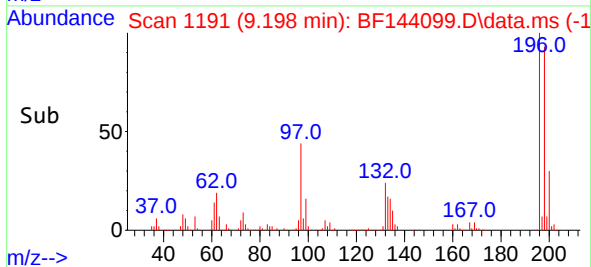
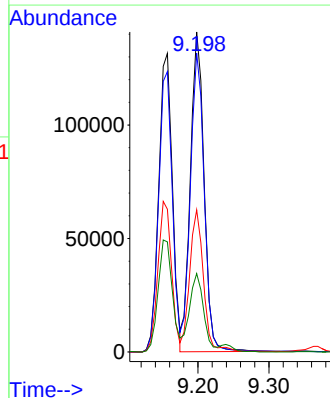
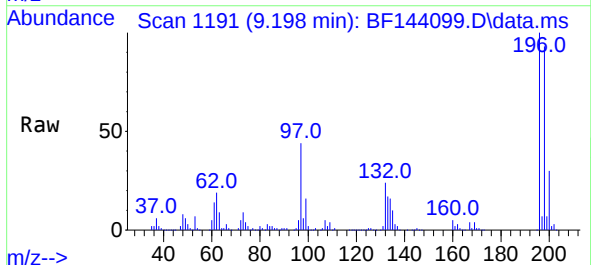
Ion Ratio Lower Upper

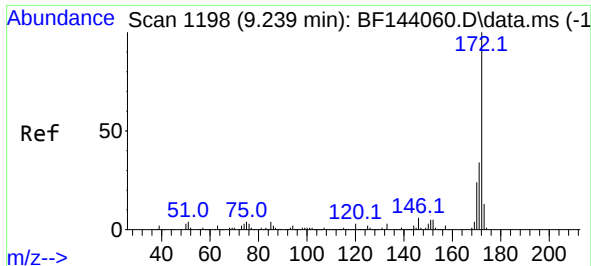
196 100

198 93.4 78.0 117.0

97 44.4 37.7 56.5

132 24.5 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 72.915 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB170267BS

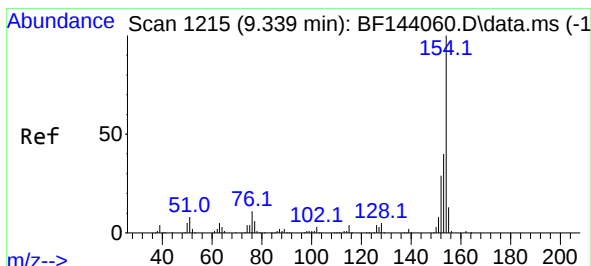
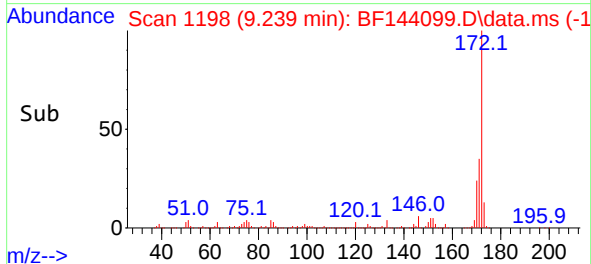
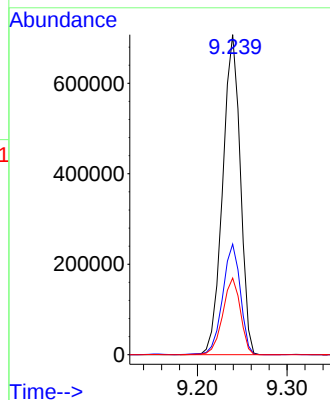
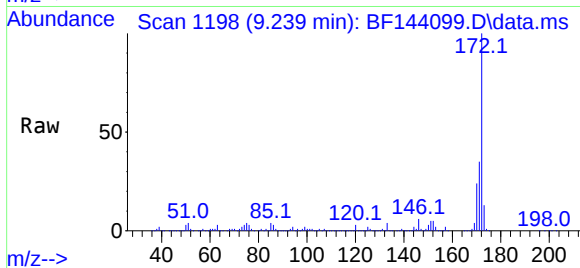
Tgt Ion:172 Resp: 962682

Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.889 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

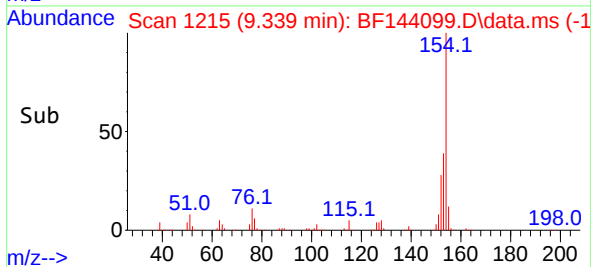
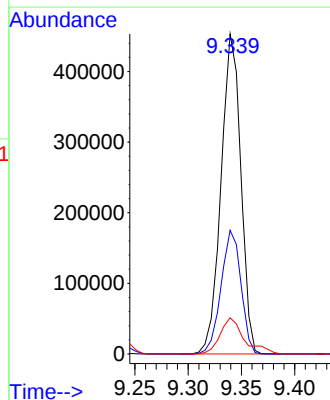
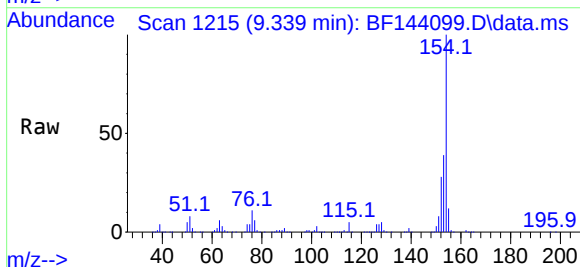
Tgt Ion:154 Resp: 583723

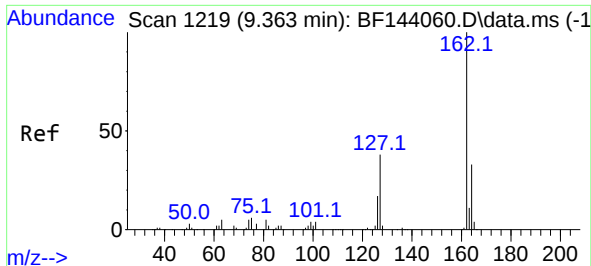
Ion Ratio Lower Upper

154 100

153 38.7 19.7 59.7

76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 39.074 ng

RT: 9.369 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB170267BS

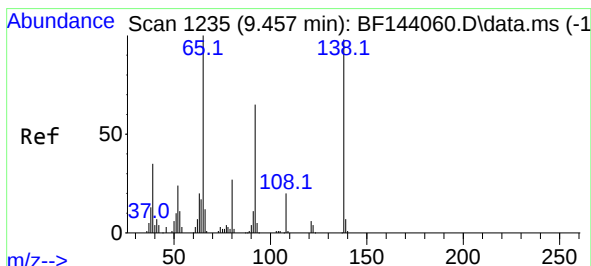
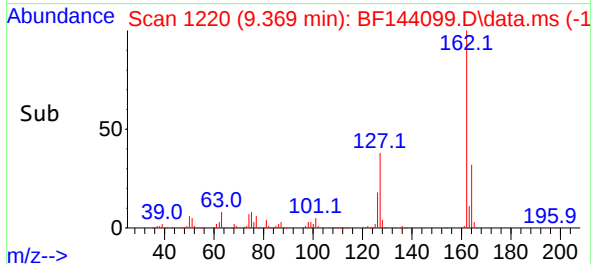
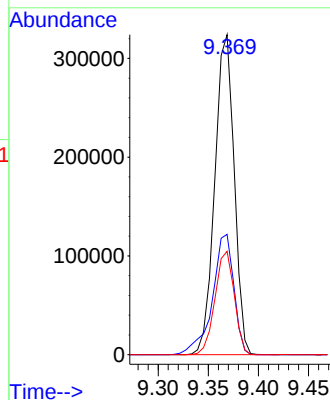
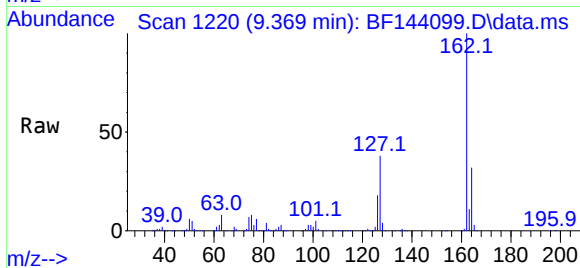
Tgt Ion:162 Resp: 435377

Ion Ratio Lower Upper

162 100

127 37.6 31.6 47.4

164 32.3 26.5 39.7



#48

2-Nitroaniline

Concen: 43.328 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144099.D

Acq: 28 Oct 2025 14:16

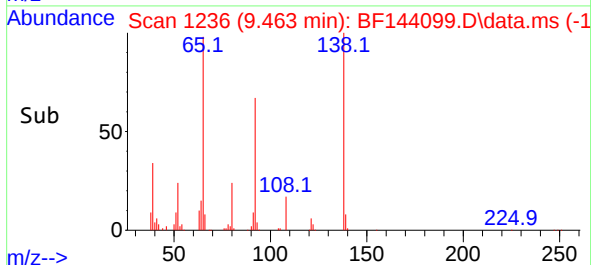
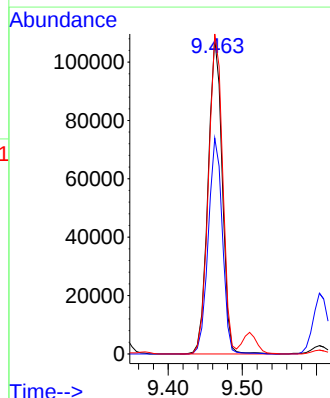
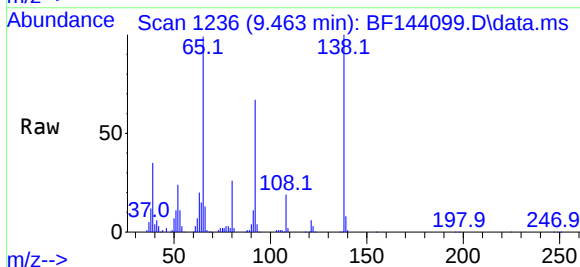
Tgt Ion: 65 Resp: 143358

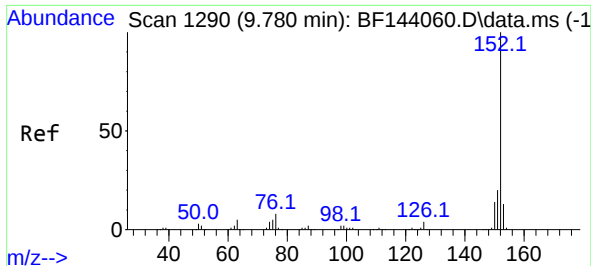
Ion Ratio Lower Upper

65 100

92 68.3 52.3 78.5

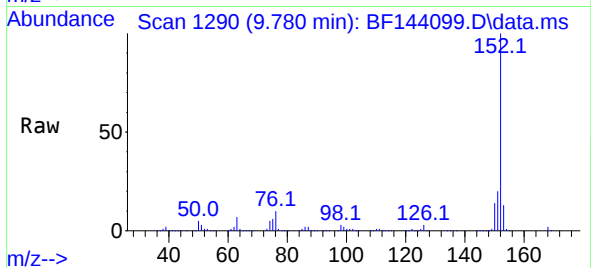
138 101.2 78.3 117.5



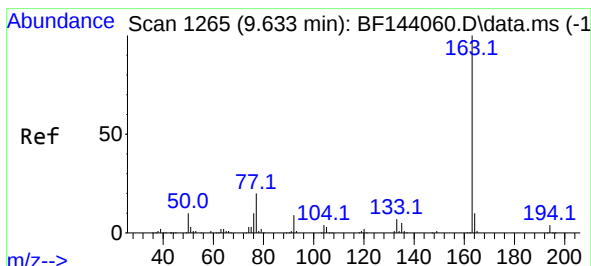
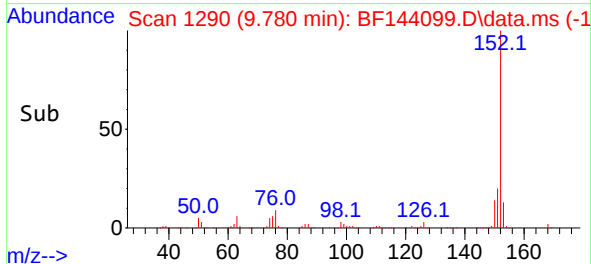
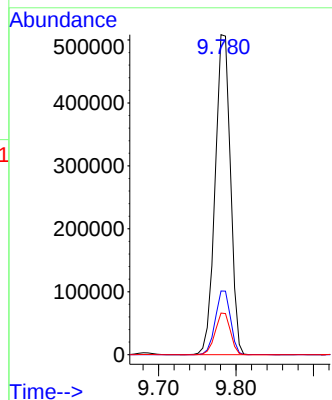


#49
Acenaphthylene
Concen: 46.405 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

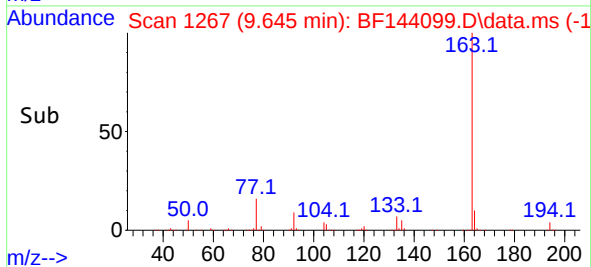
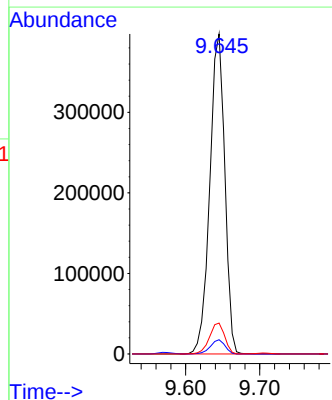
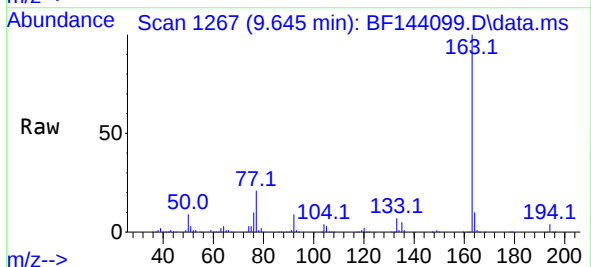


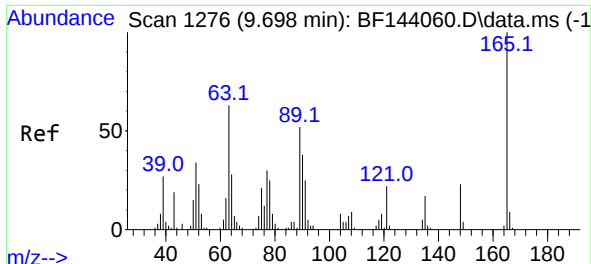
Tgt Ion:152 Resp: 697184
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 45.845 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.012 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:163 Resp: 558313
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.7 7.8 11.8

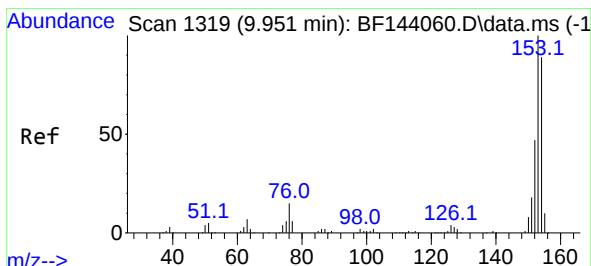
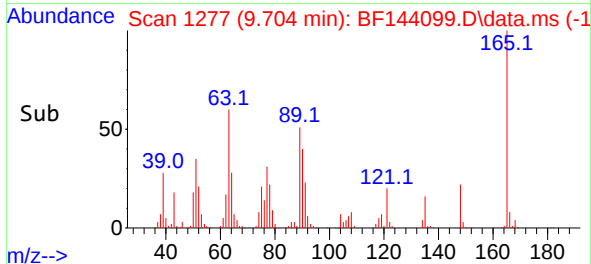
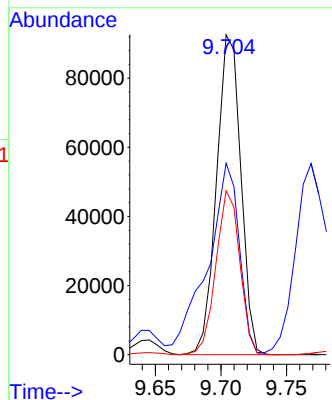
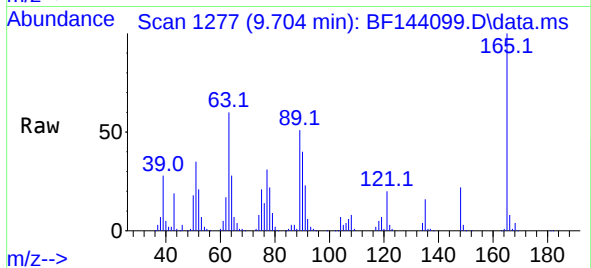




#51
2,6-Dinitrotoluene
Concen: 49.529 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

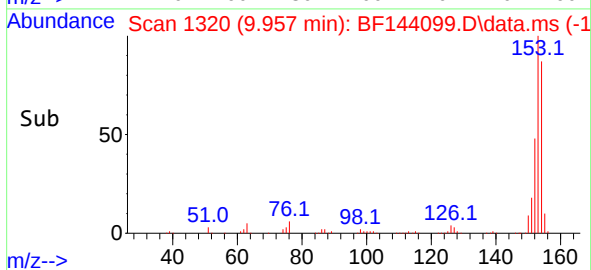
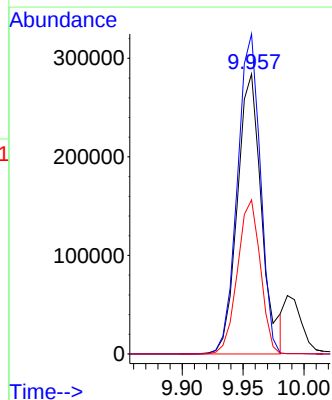
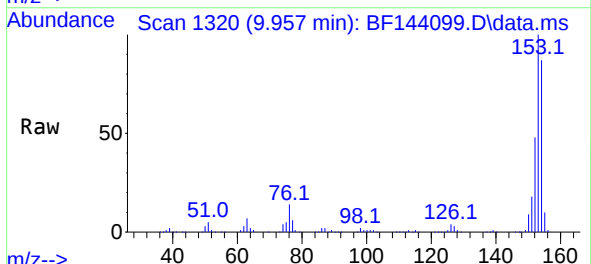
Instrument :
BNA_F
ClientSampleId :
PB170267BS

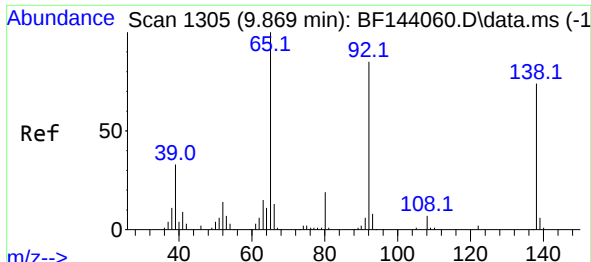
Tgt Ion:165 Resp: 119243
Ion Ratio Lower Upper
165 100
63 59.8 50.4 75.6
89 51.2 41.4 62.2



#52
Acenaphthene
Concen: 39.395 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:154 Resp: 395278
Ion Ratio Lower Upper
154 100
153 114.3 89.9 134.9
152 55.0 42.0 63.0

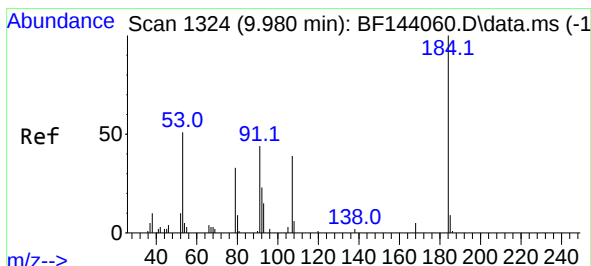
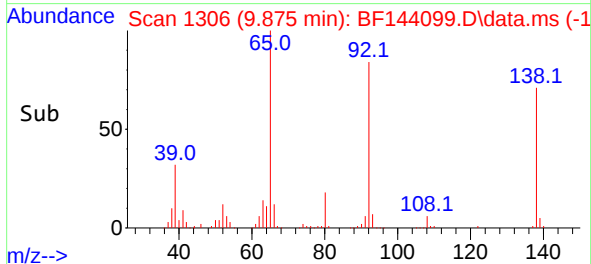
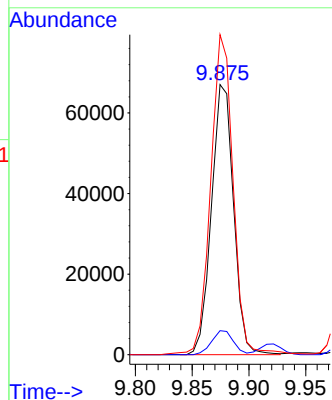
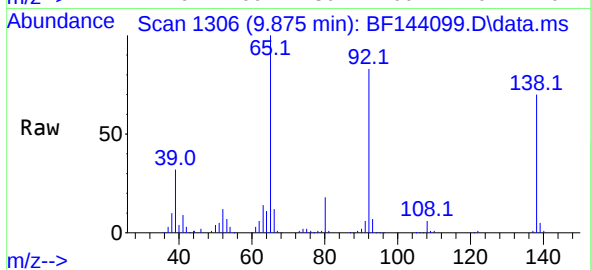




#53
3-Nitroaniline
Concen: 33.946 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

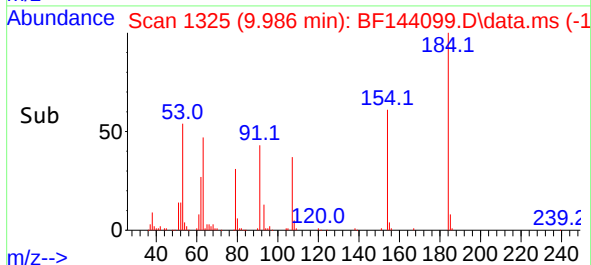
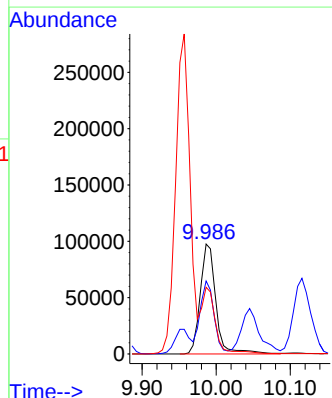
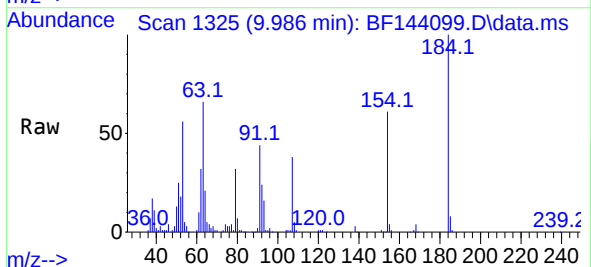
Instrument :
BNA_F
ClientSampleId :
PB170267BS

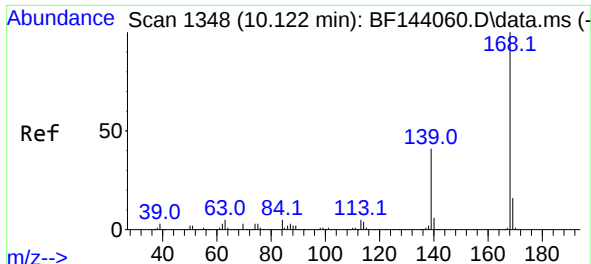
Tgt Ion:138 Resp: 90865
Ion Ratio Lower Upper
138 100
108 8.9 7.9 11.9
92 118.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 110.009 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:184 Resp: 143249
Ion Ratio Lower Upper
184 100
63 66.4 52.1 78.1
154 60.7 47.9 71.9

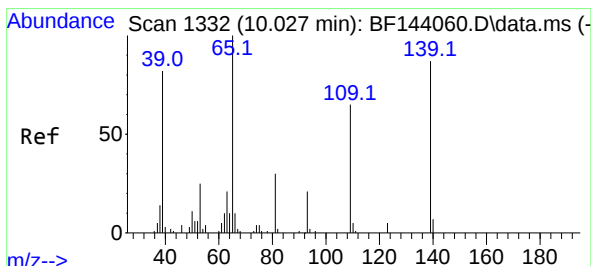
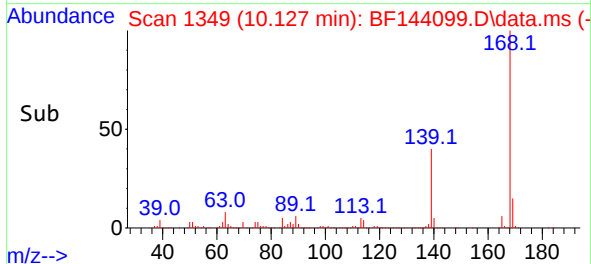
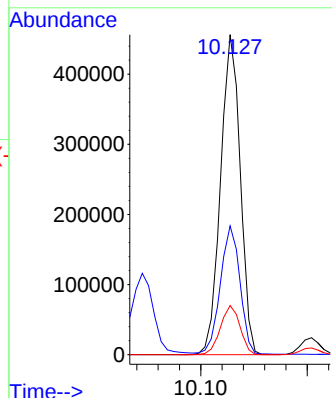
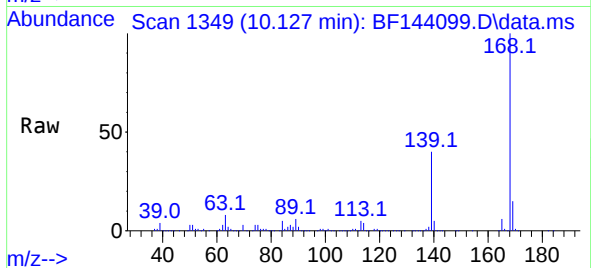




#55
Dibenzenofuran
Concen: 41.981 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

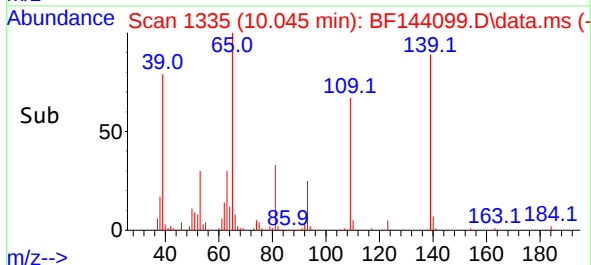
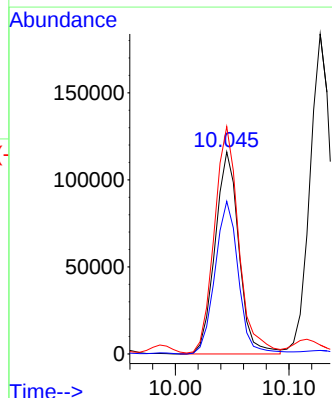
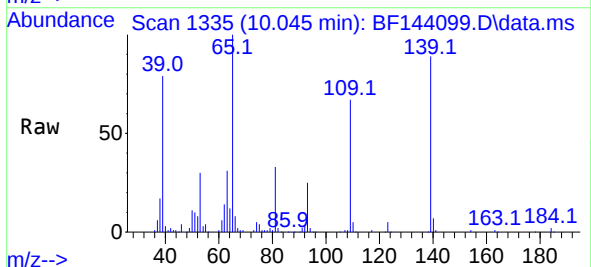
Instrument :
BNA_F
ClientSampleId :
PB170267BS

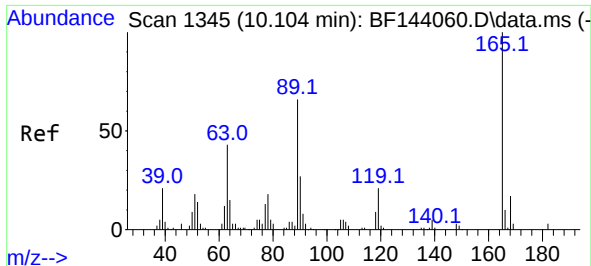
Tgt Ion:168 Resp: 584774
Ion Ratio Lower Upper
168 100
139 40.3 33.2 49.8
169 15.3 12.6 19.0



#56
4-Nitrophenol
Concen: 93.457 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.018 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:139 Resp: 169400
Ion Ratio Lower Upper
139 100
109 75.6 53.8 93.8
65 112.5 95.9 135.9

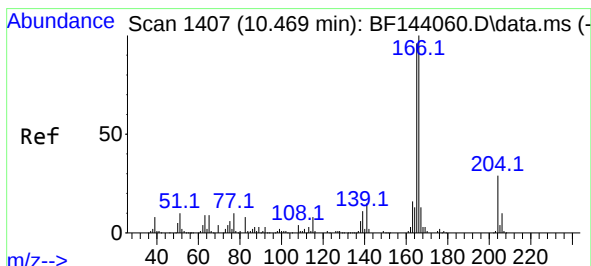
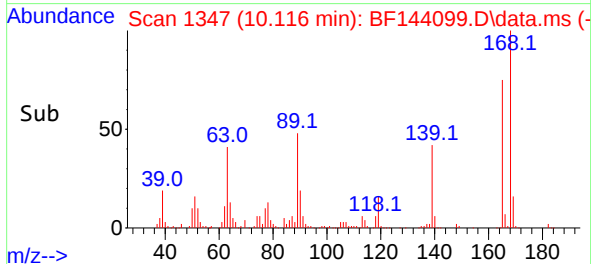
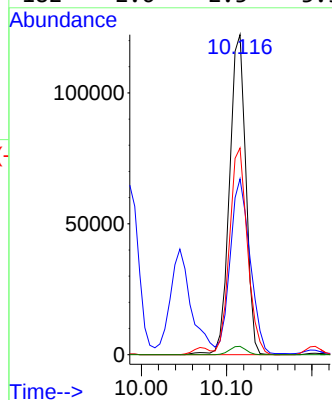
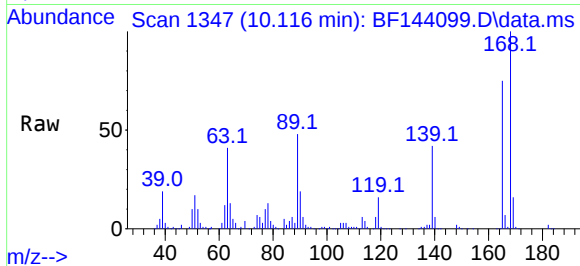




#57
2,4-Dinitrotoluene
Concen: 49.963 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

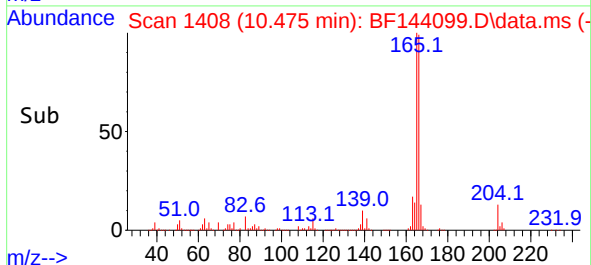
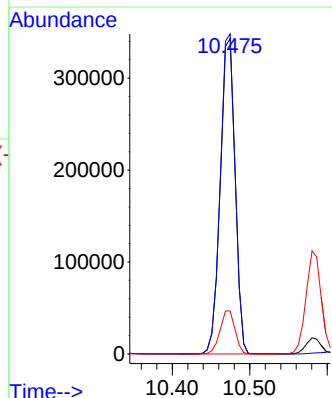
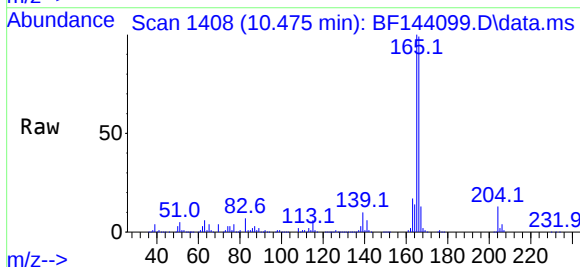
Instrument :
BNA_F
ClientSampleId :
PB170267BS

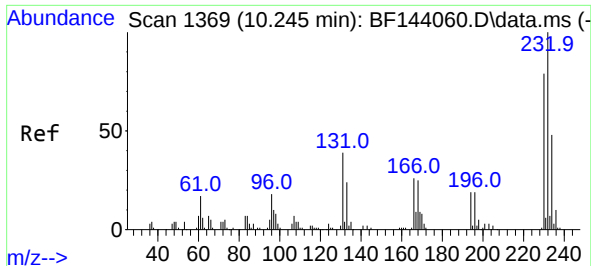
Tgt Ion:165 Resp: 162345
Ion Ratio Lower Upper
165 100
63 54.9 35.4 53.2#
89 64.6 52.7 79.1
182 2.6 2.3 3.5



#58
Fluorene
Concen: 42.980 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:166 Resp: 456168
Ion Ratio Lower Upper
166 100
165 101.4 77.0 115.4
167 13.6 10.2 15.4

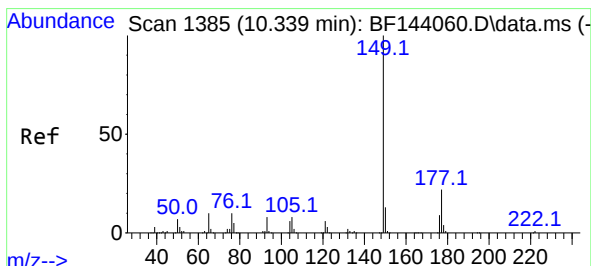
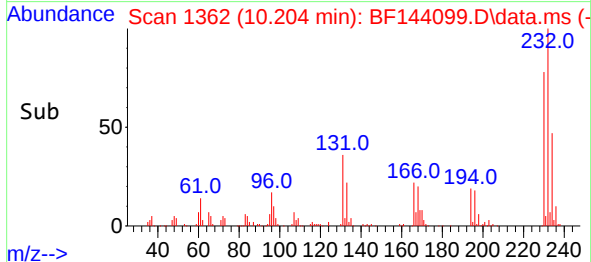
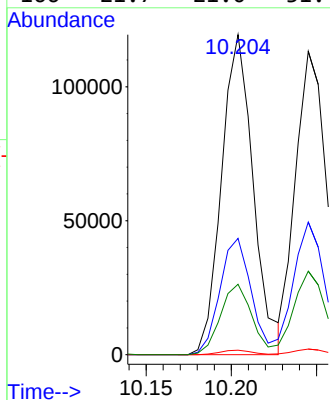
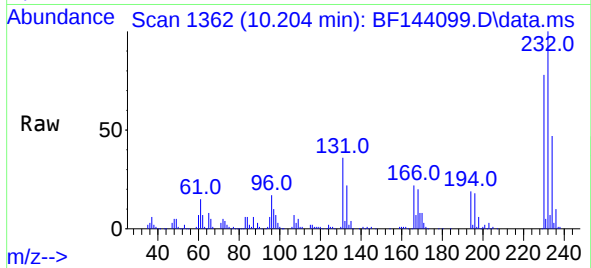




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.400 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.041 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

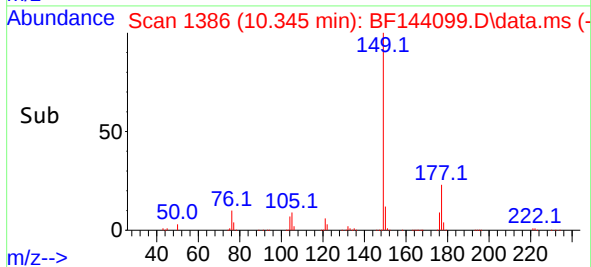
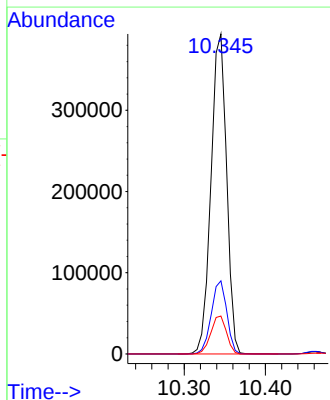
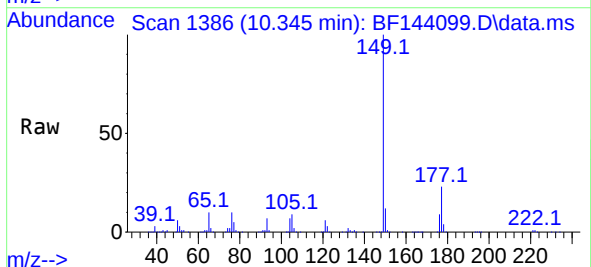
Instrument :
BNA_F
ClientSampleId :
PB170267BS

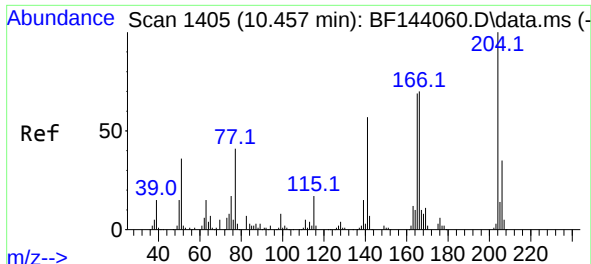
Tgt Ion:232 Resp: 154702
Ion Ratio Lower Upper
232 100
131 35.6 31.9 47.9
130 1.4 1.1 1.7
166 21.7 21.0 31.4



#60
Diethylphthalate
Concen: 45.888 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:149 Resp: 525544
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 11.9 10.1 15.1

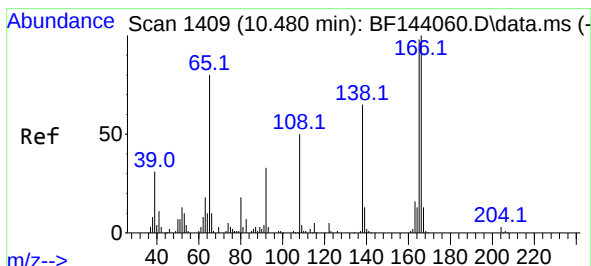
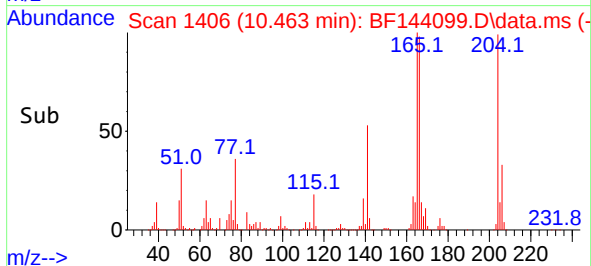
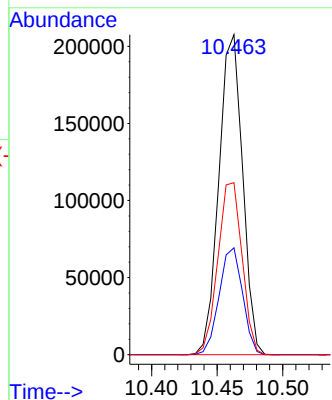
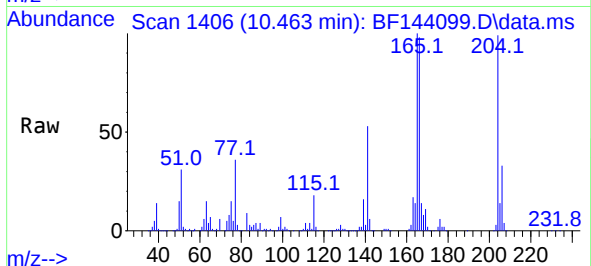




#61
4-Chlorophenyl-phenylether
Concen: 43.700 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

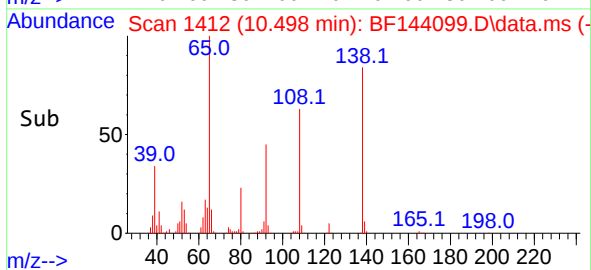
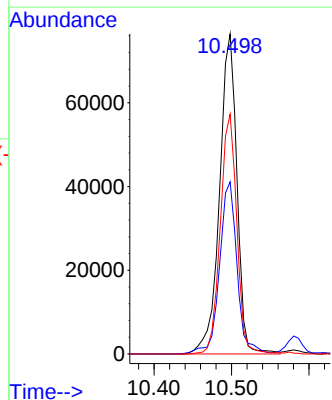
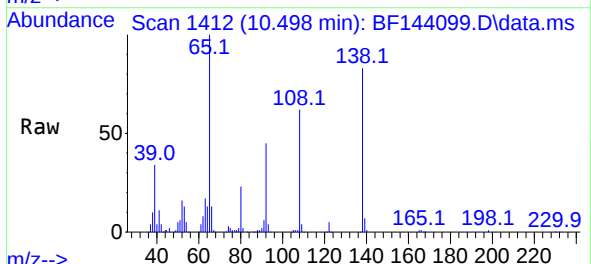
Instrument :
BNA_F
ClientSampleId :
PB170267BS

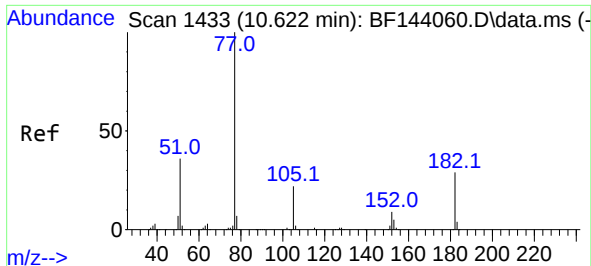
Tgt Ion:204 Resp: 260833
Ion Ratio Lower Upper
204 100
206 33.4 27.8 41.6
141 53.7 45.4 68.2



#62
4-Nitroaniline
Concen: 47.080 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.018 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:138 Resp: 119406
Ion Ratio Lower Upper
138 100
92 53.8 30.5 70.5
108 74.9 56.2 96.2

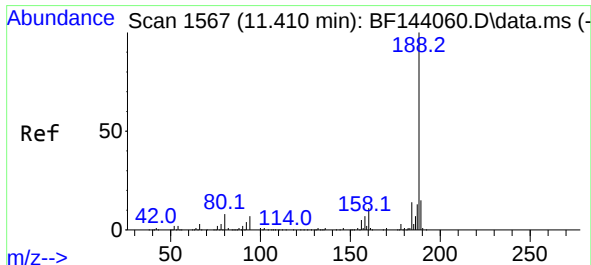
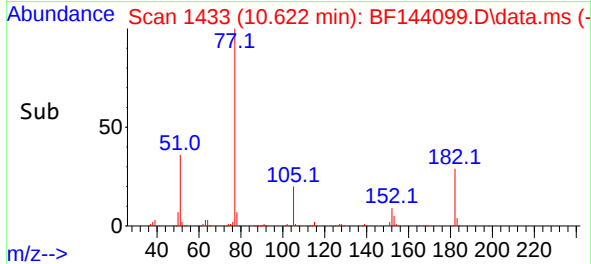
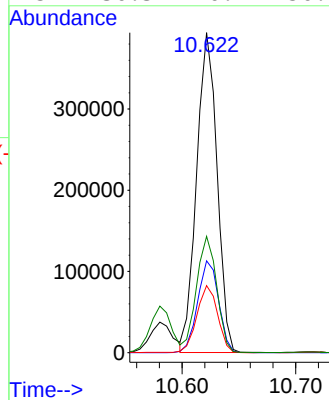
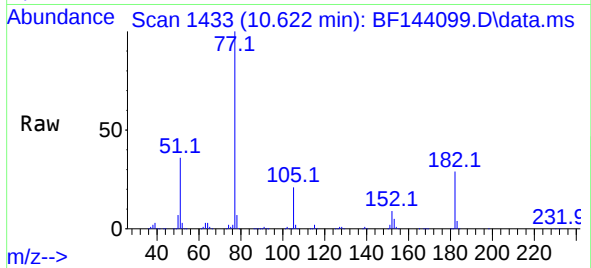




#63
Azobenzene
Concen: 45.313 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

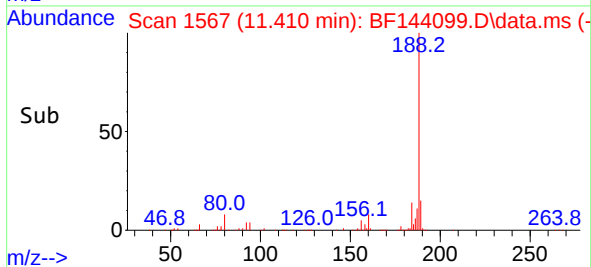
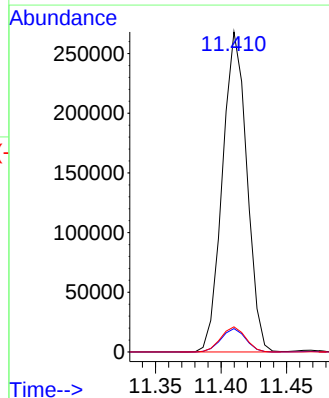
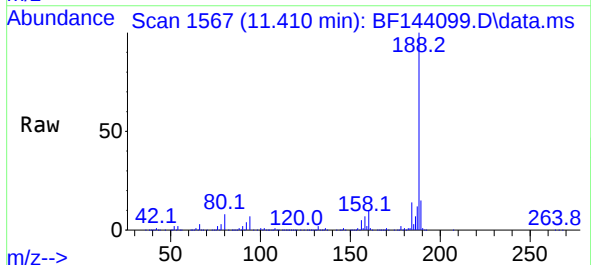
Instrument :
BNA_F
ClientSampleId :
PB170267BS

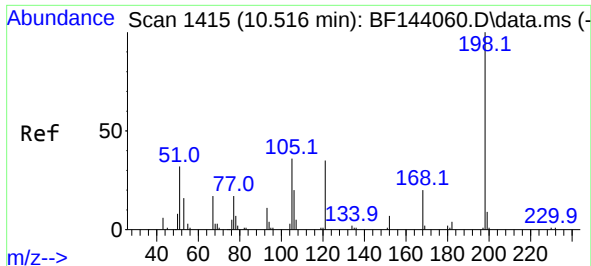
Tgt Ion:	77	Resp:	491191
Ion	Ratio	Lower	Upper
77	100		
182	28.7	9.0	49.0
105	20.9	1.4	41.4
51	36.3	16.9	56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:	188	Resp:	347429
Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.4	8.0
80	7.9	6.0	9.0

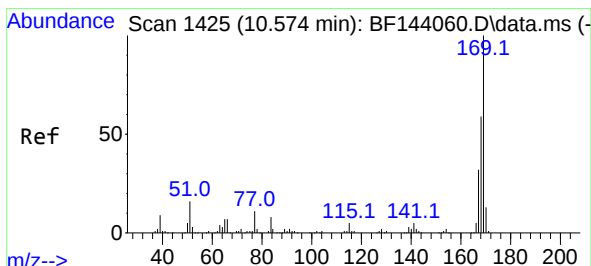
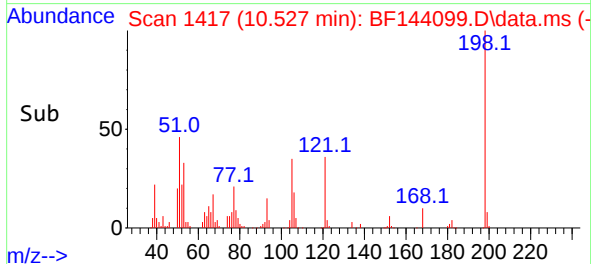
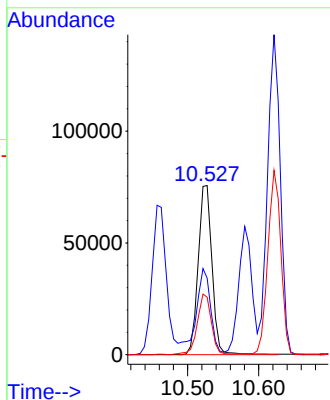
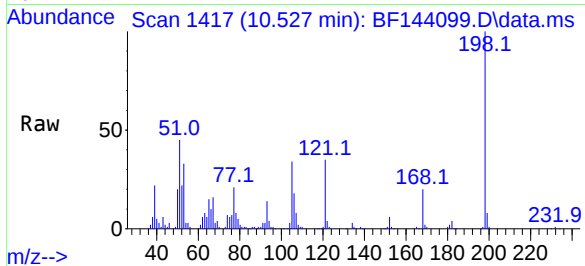




#65
4,6-Dinitro-2-methylphenol
Concen: 46.053 ng
RT: 10.527 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

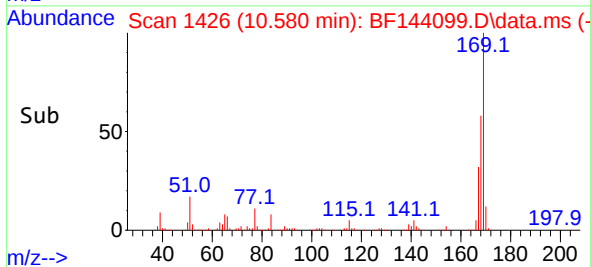
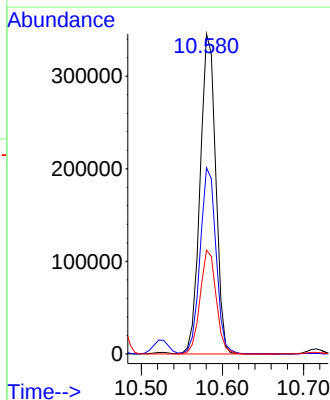
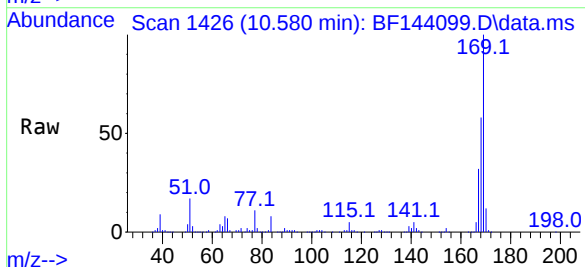
Instrument :
BNA_F
ClientSampleId :
PB170267BS

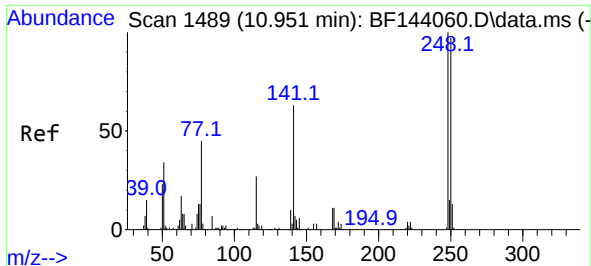
Tgt Ion:198 Resp: 102655
Ion Ratio Lower Upper
198 100
51 45.2 25.8 65.8
105 33.9 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 41.445 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

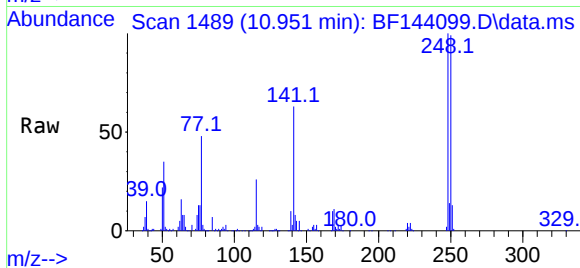
Tgt Ion:169 Resp: 460065
Ion Ratio Lower Upper
169 100
168 58.2 47.4 71.2
167 32.5 25.5 38.3



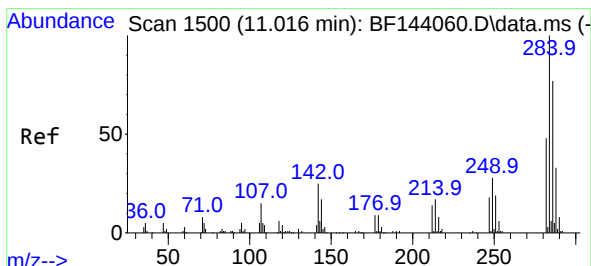
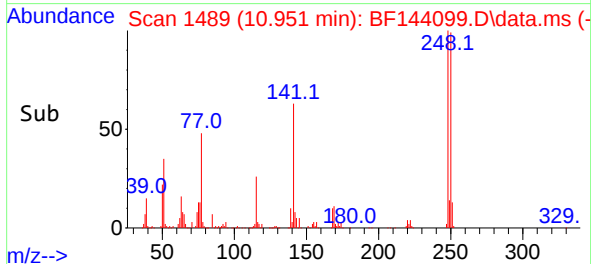
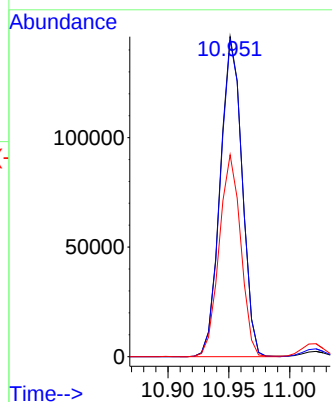


#67
4-Bromophenyl-phenylether
Concen: 41.984 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

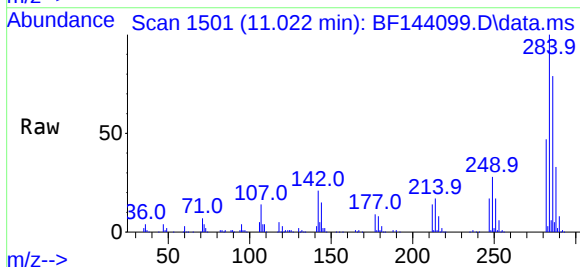
Instrument :
BNA_F
ClientSampleId :
PB170267BS



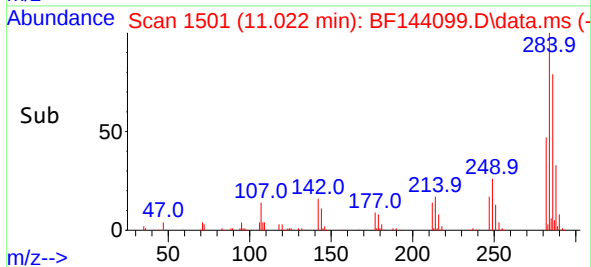
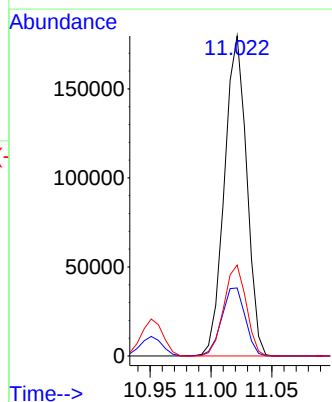
Tgt Ion:248 Resp: 182630
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.6
141 63.1 50.5 75.7

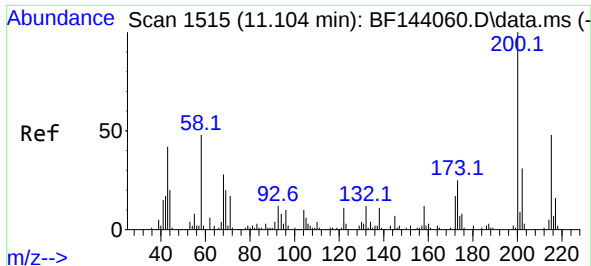


#68
Hexachlorobenzene
Concen: 42.918 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16



Tgt Ion:284 Resp: 228963
Ion Ratio Lower Upper
284 100
142 21.3 20.0 30.0
249 28.4 22.2 33.2

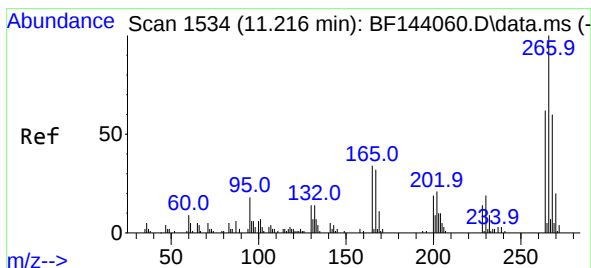
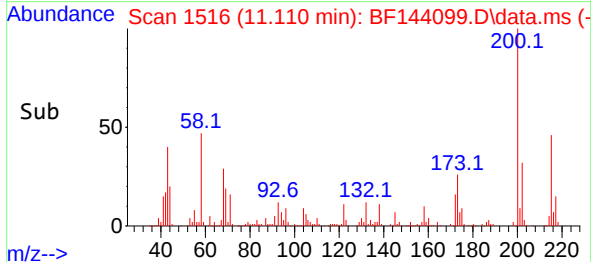
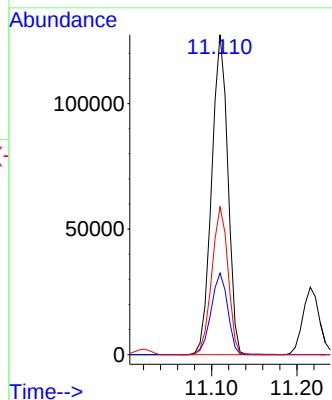
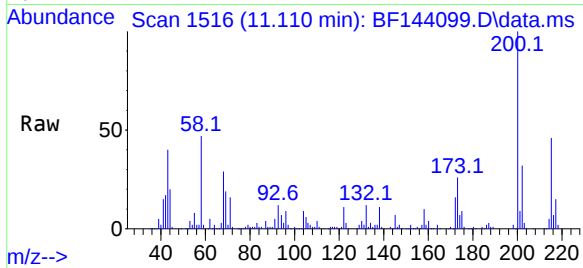




#69
Atrazine
Concen: 46.134 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

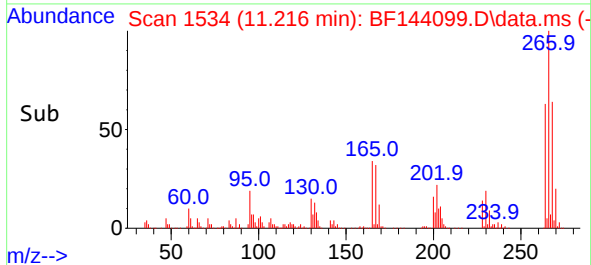
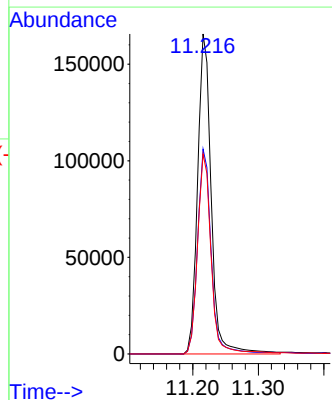
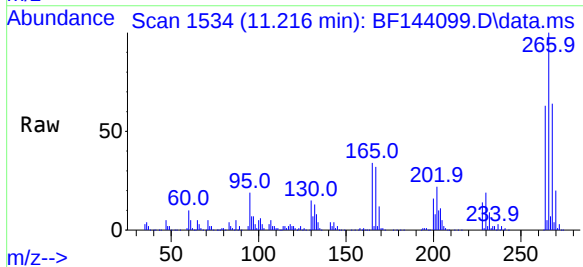
Instrument :
BNA_F
ClientSampleId :
PB170267BS

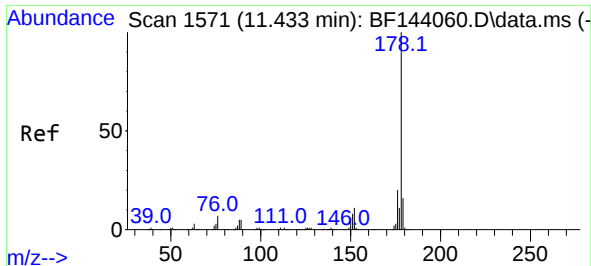
Tgt Ion:200 Resp: 168047
Ion Ratio Lower Upper
200 100
173 25.5 4.9 44.9
215 46.2 28.2 68.2



#70
Pentachlorophenol
Concen: 94.237 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:266 Resp: 239310
Ion Ratio Lower Upper
266 100
268 64.0 48.2 72.4
264 62.5 49.4 74.0

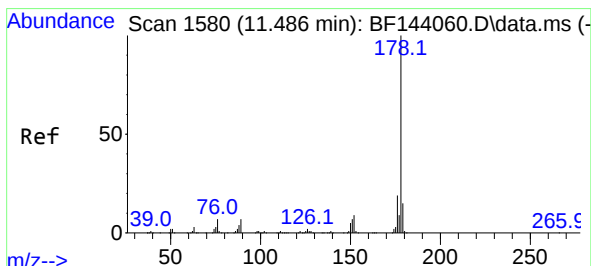
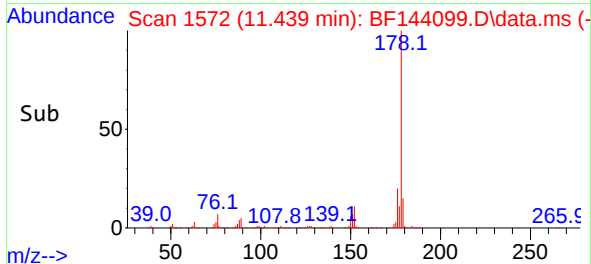
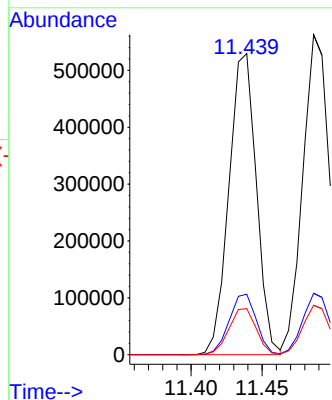
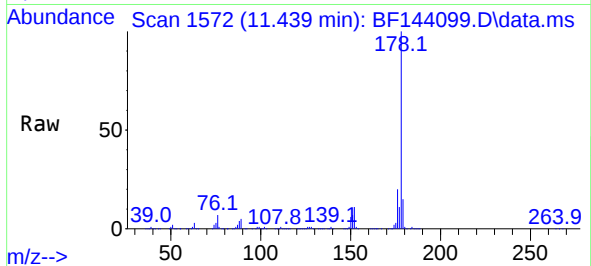




#71
Phenanthrene
Concen: 41.280 ng
RT: 11.439 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

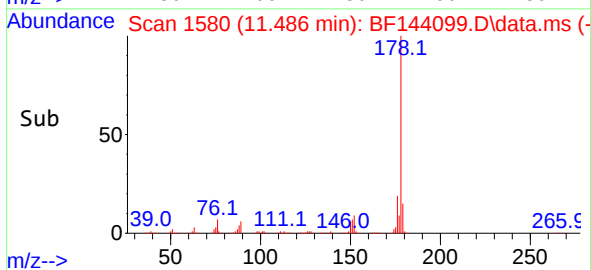
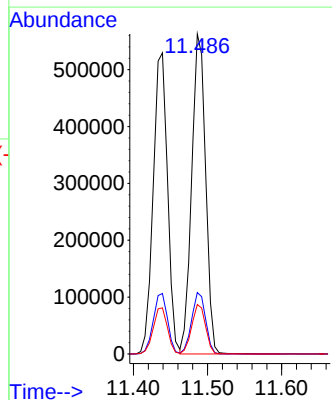
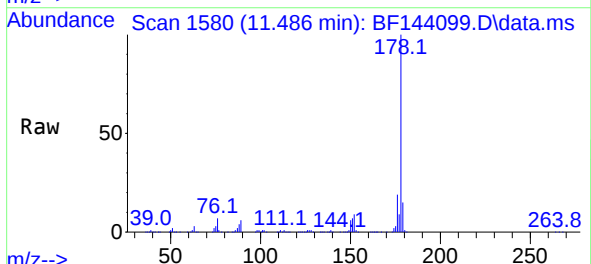
Instrument :
BNA_F
ClientSampleId :
PB170267BS

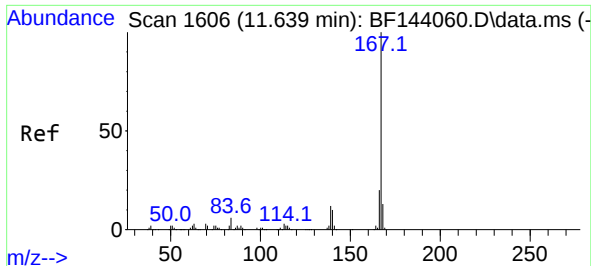
Tgt Ion:178 Resp: 712433
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 15.3 12.6 18.8



#72
Anthracene
Concen: 41.128 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:178 Resp: 733246
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.5 11.8 17.6

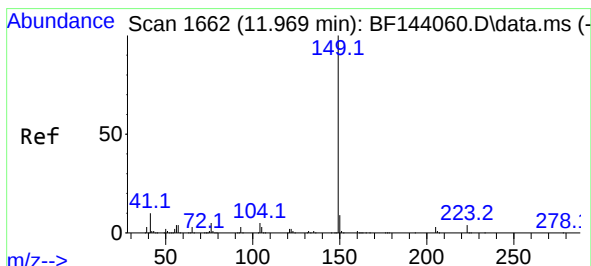
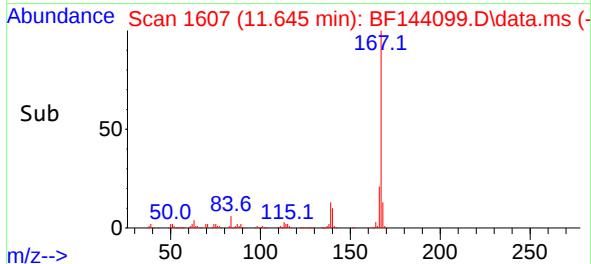
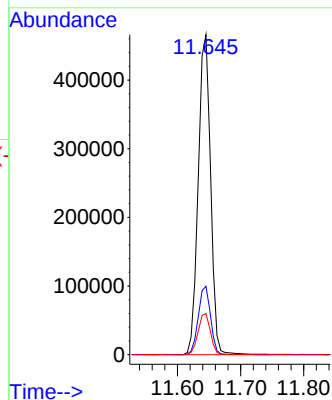
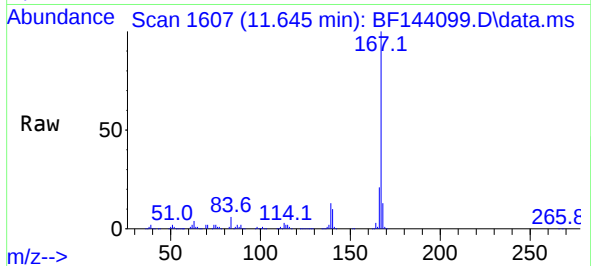




#73
Carbazole
Concen: 41.677 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

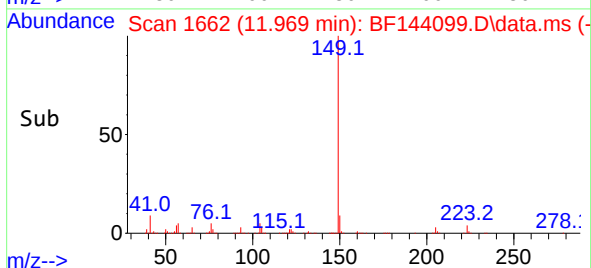
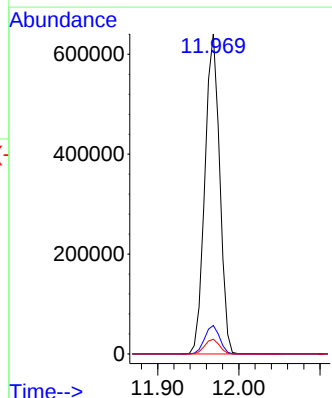
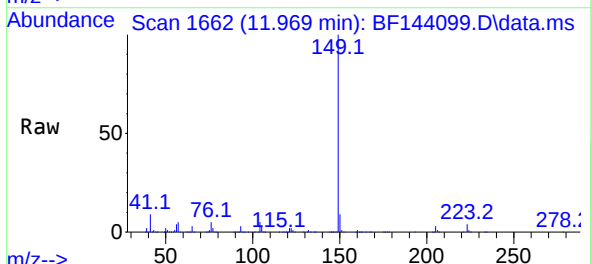
Instrument :
BNA_F
ClientSampleId :
PB170267BS

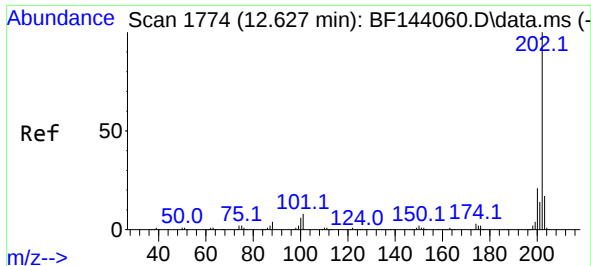
Tgt Ion:167 Resp: 632457
Ion Ratio Lower Upper
167 100
166 21.4 16.1 24.1
139 12.9 9.8 14.6



#74
Di-n-butylphthalate
Concen: 43.469 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

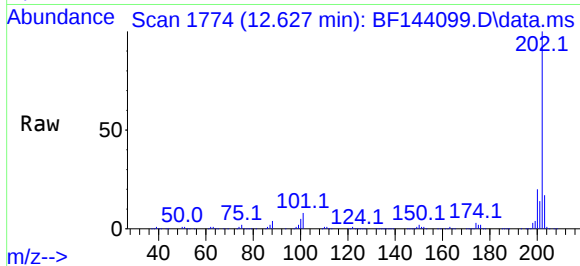
Tgt Ion:149 Resp: 808755
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.6 3.6 5.4



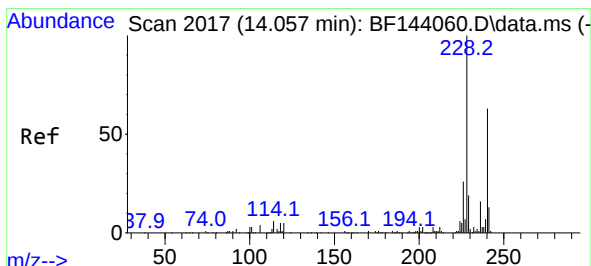
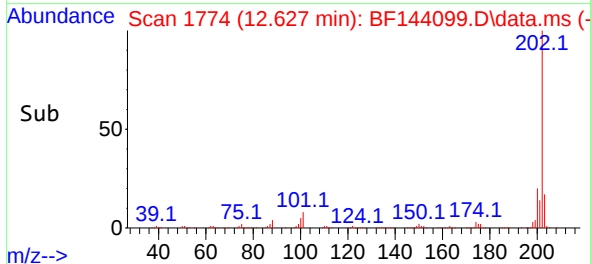
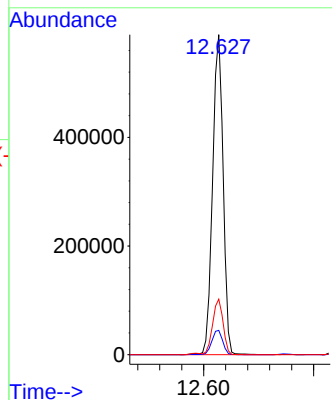


#75
Fluoranthene
Concen: 41.061 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

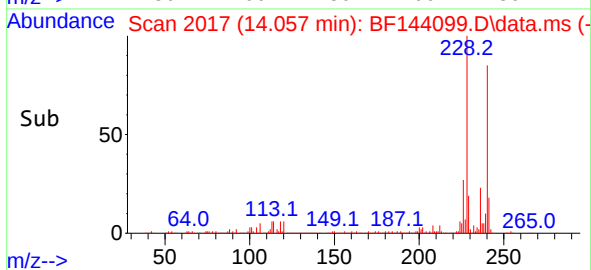
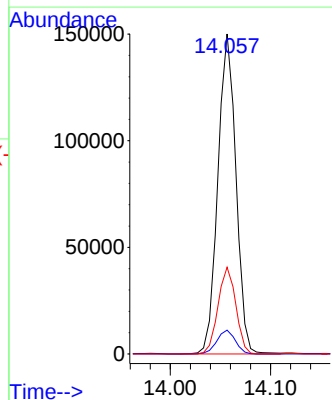
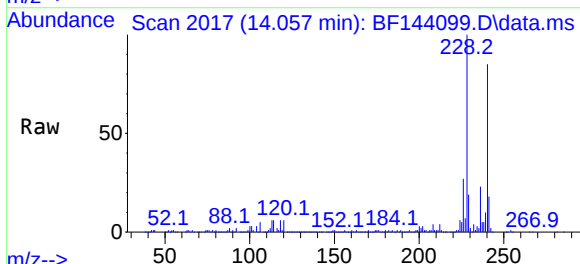


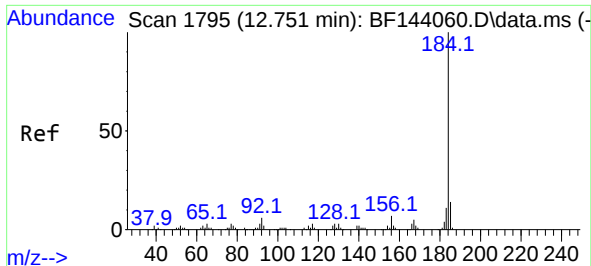
Tgt Ion:202 Resp: 782938
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.7
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:240 Resp: 187996
Ion Ratio Lower Upper
240 100
120 7.5 6.5 9.7
236 27.1 20.1 30.1

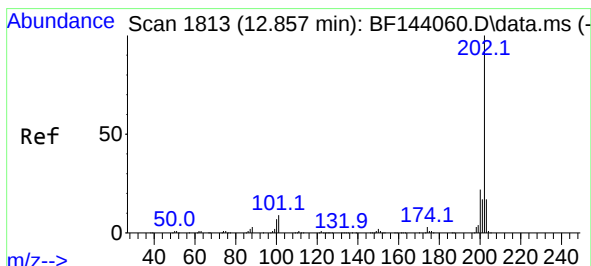
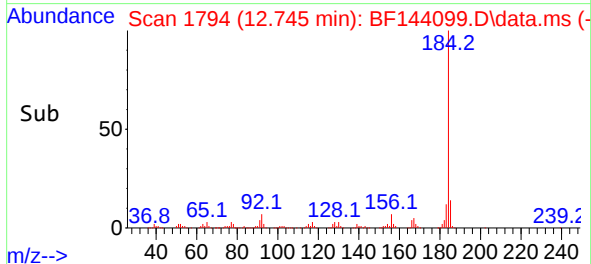
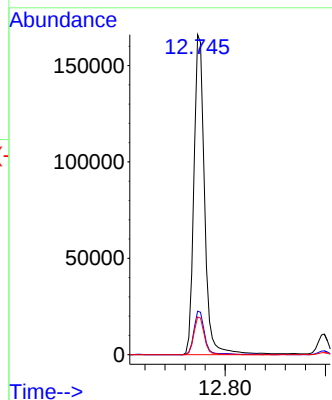
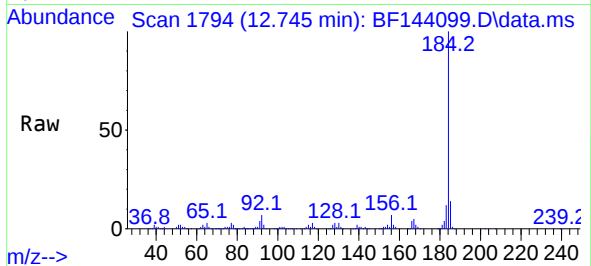




#77
Benzidine
Concen: 41.978 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

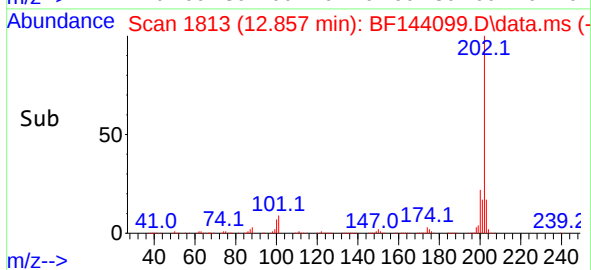
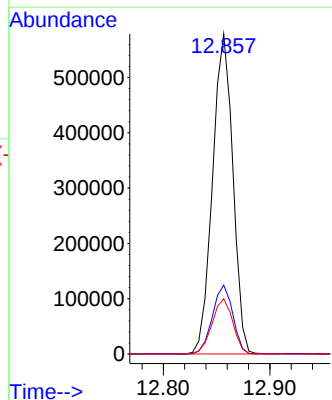
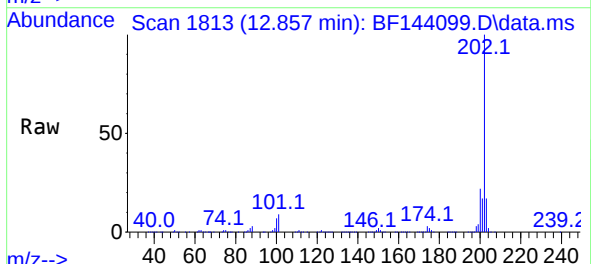
Instrument :
BNA_F
ClientSampleId :
PB170267BS

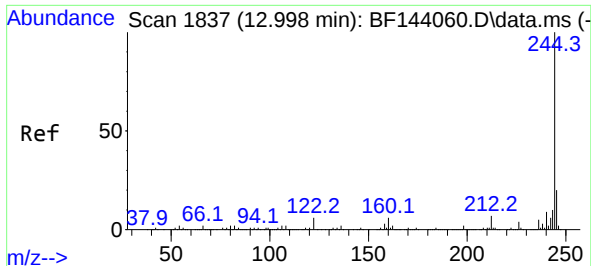
Tgt Ion:184 Resp: 245602
Ion Ratio Lower Upper
184 100
185 13.6 11.6 17.4
183 11.8 8.5 12.7



#78
Pyrene
Concen: 56.663 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:202 Resp: 765832
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.2 13.5 20.3

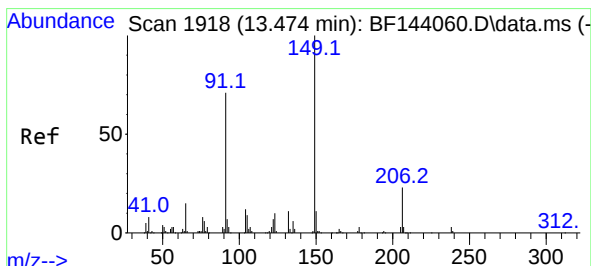
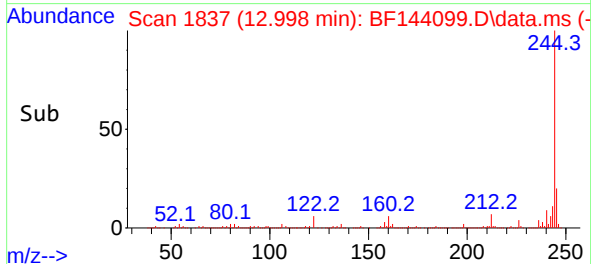
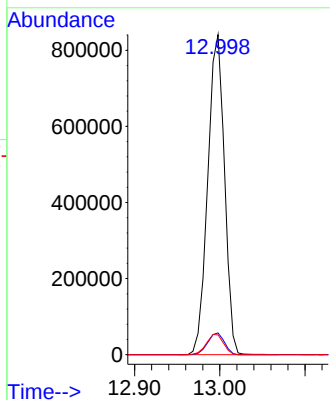
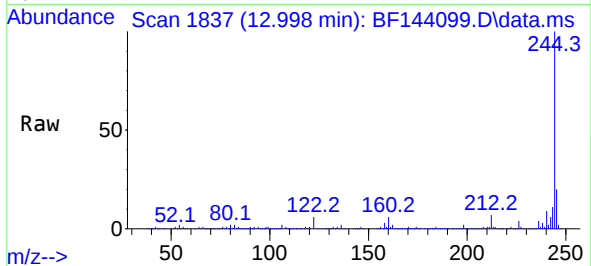




#79
 Terphenyl-d14
 Concen: 106.506 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

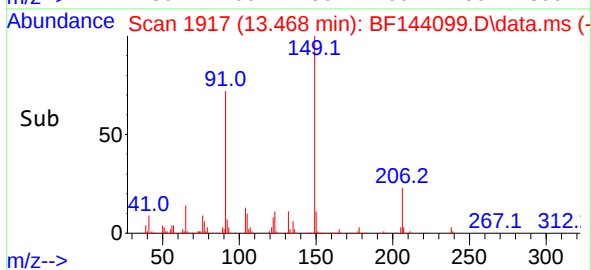
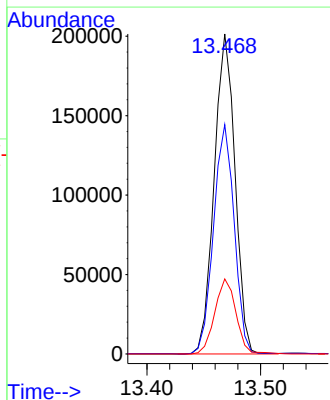
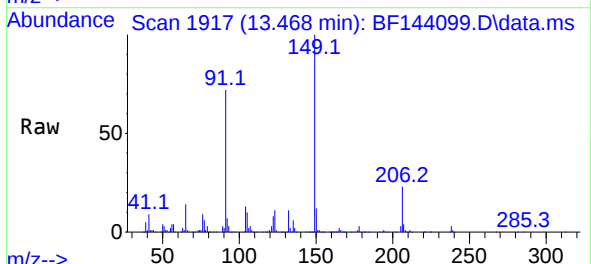
Instrument :
 BNA_F
 ClientSampleId :
 PB170267BS

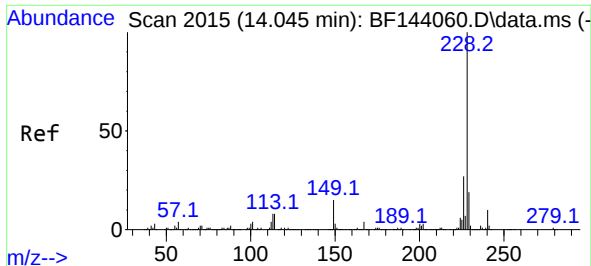
Tgt Ion:244 Resp: 1145319
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 6.2 4.9 7.3



#80
 Butylbenzylphthalate
 Concen: 50.175 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

Tgt Ion:149 Resp: 256551
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.6 84.8
 206 23.4 18.3 27.5

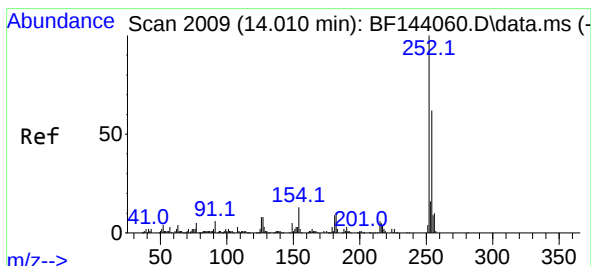
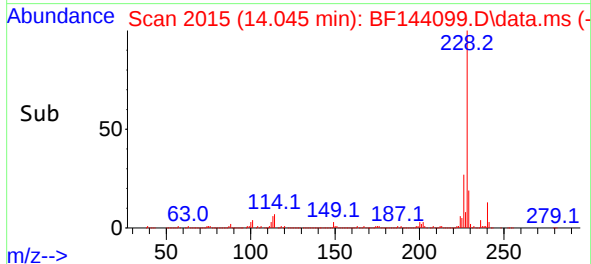
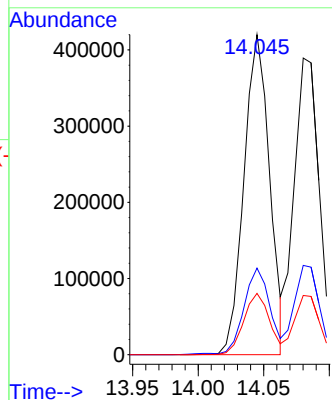
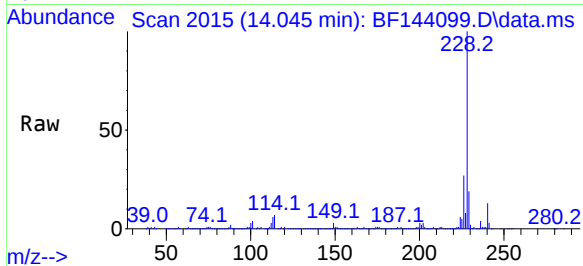




#81
Benzo(a)anthracene
Concen: 45.009 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

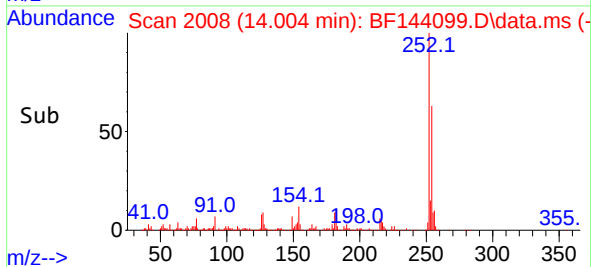
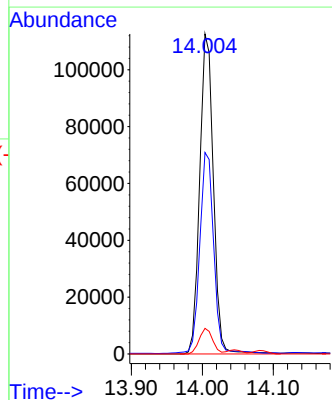
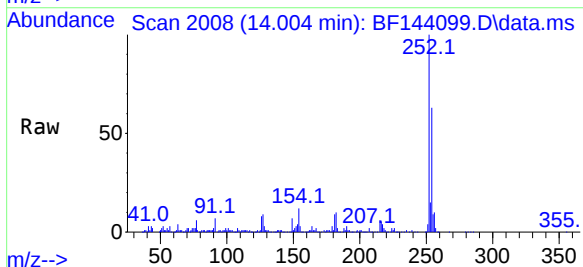
Instrument :
BNA_F
ClientSampleId :
PB170267BS

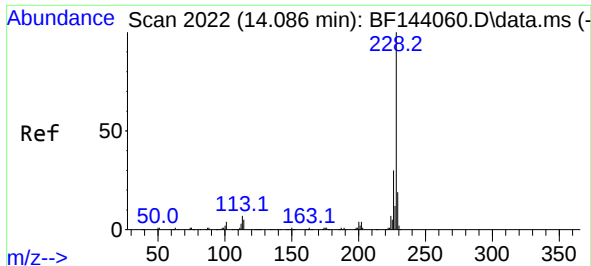
Tgt Ion:228 Resp: 571832
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.2 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 34.190 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:252 Resp: 151207
Ion Ratio Lower Upper
252 100
254 63.0 49.9 74.9
126 8.0 6.5 9.7

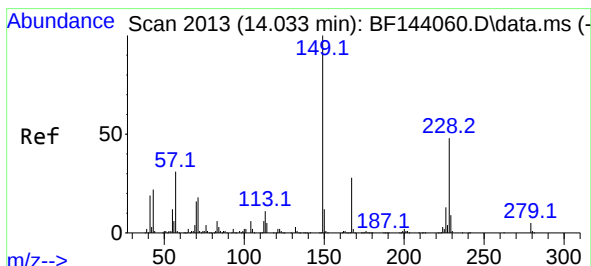
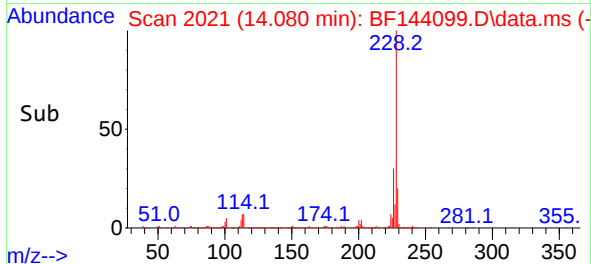
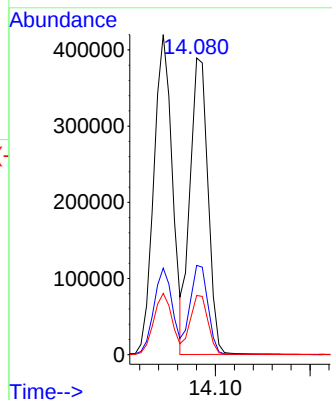
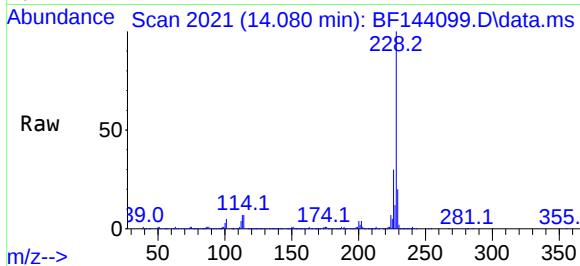




#83
Chrysene
Concen: 43.009 ng
RT: 14.080 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

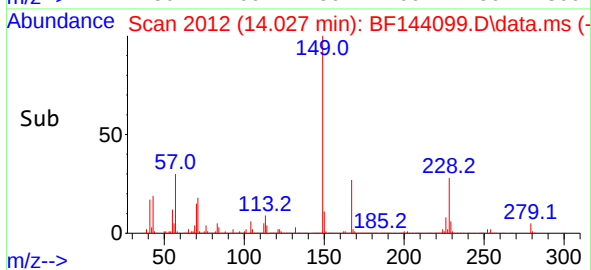
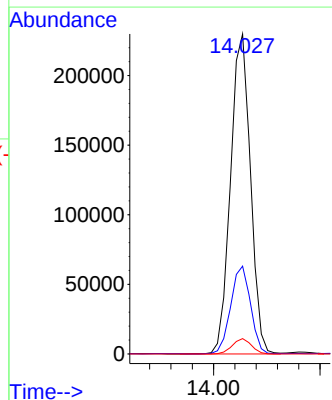
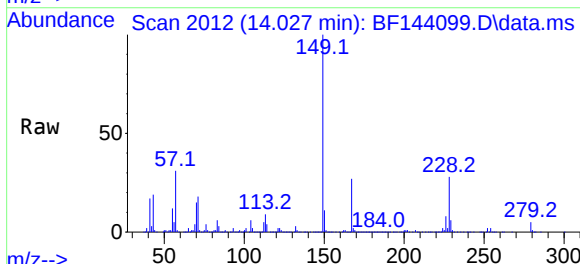
Instrument :
BNA_F
ClientSampleId :
PB170267BS

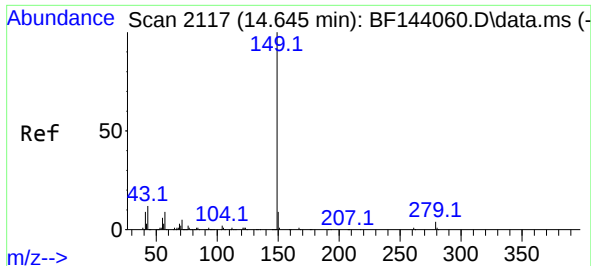
Tgt Ion:228 Resp: 512766
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.809 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:149 Resp: 298825
Ion Ratio Lower Upper
149 100
167 27.5 22.5 33.7
279 4.8 3.6 5.4

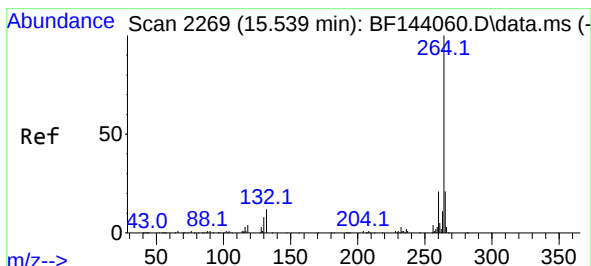
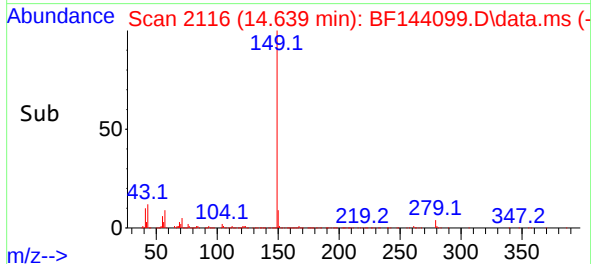
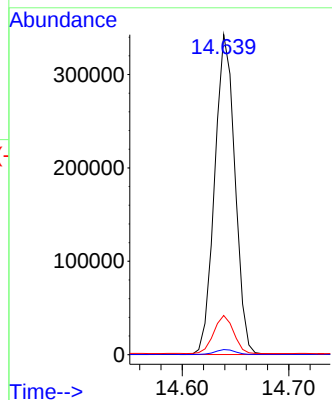
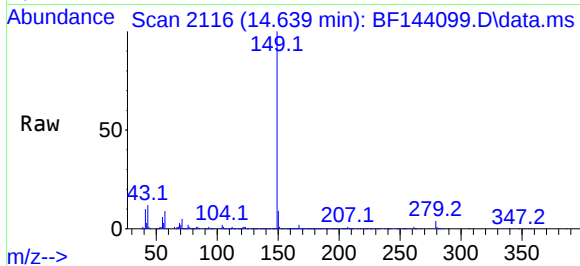




#85
Di-n-octyl phthalate
Concen: 37.726 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

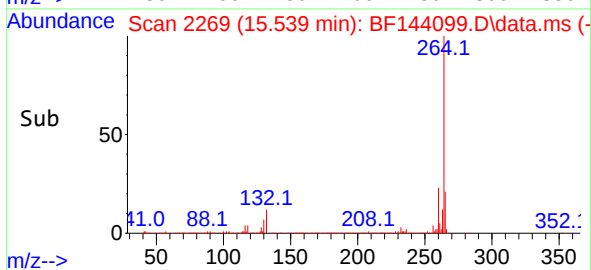
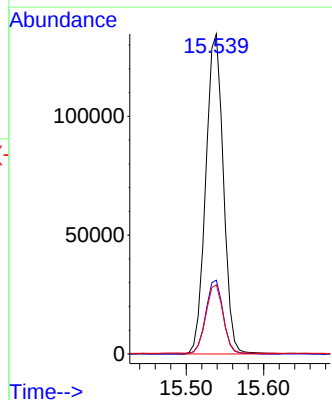
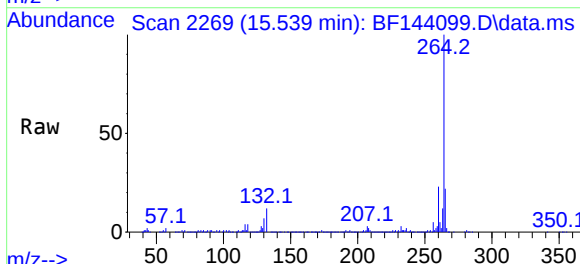
Instrument :
BNA_F
ClientSampleId :
PB170267BS

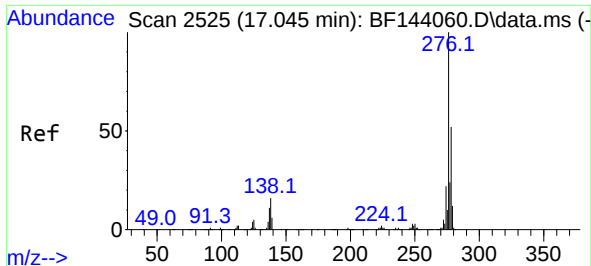
Tgt Ion:149 Resp: 452875
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:264 Resp: 212306
Ion Ratio Lower Upper
264 100
260 23.1 17.0 25.4
265 21.6 16.6 24.8

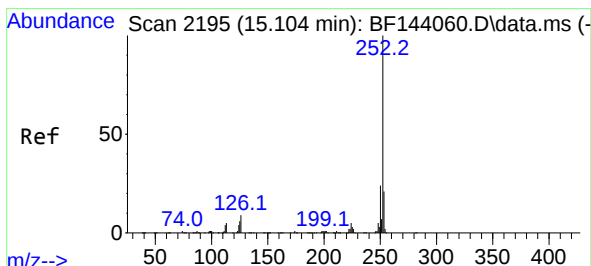
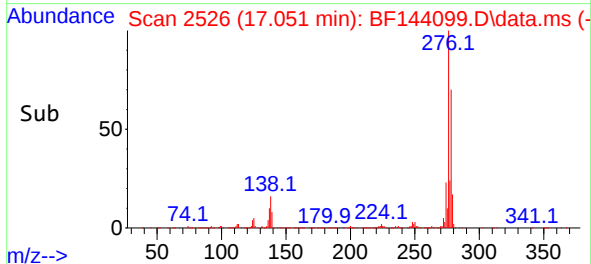
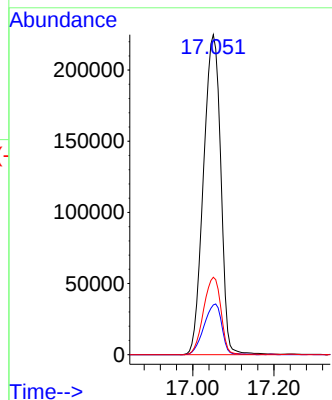
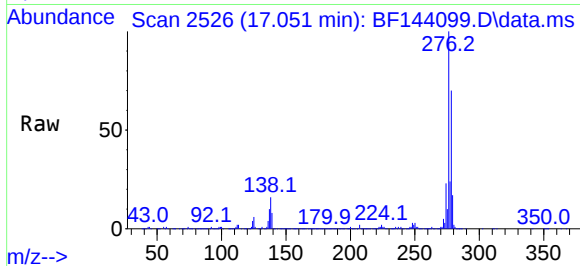




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.506 ng
 RT: 17.051 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

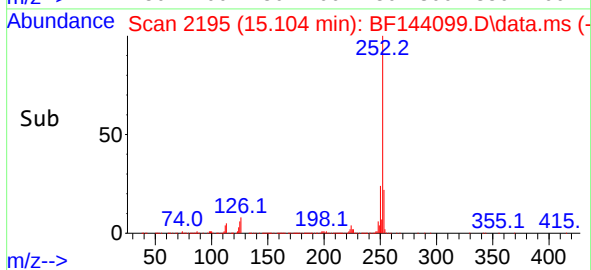
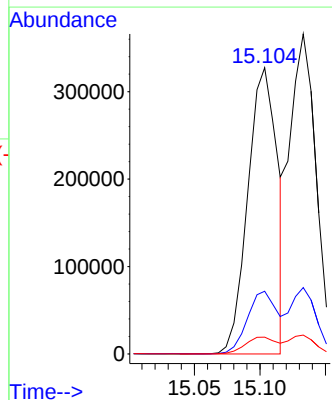
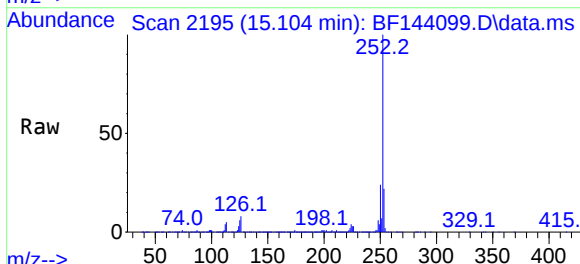
Instrument :
 BNA_F
 ClientSampleId :
 PB170267BS

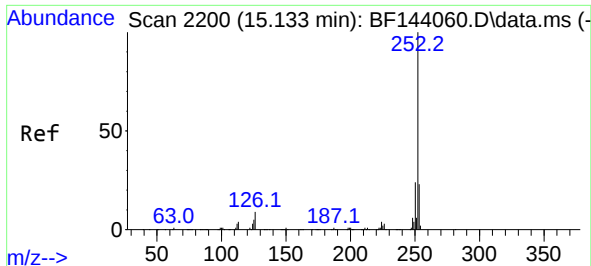
Tgt Ion:276 Resp: 663296
 Ion Ratio Lower Upper
 276 100
 138 16.4 13.0 19.6
 277 24.4 19.4 29.0



#88
 Benzo(b)fluoranthene
 Concen: 42.729 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: BF144099.D
 Acq: 28 Oct 2025 14:16

Tgt Ion:252 Resp: 512853
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 5.9 5.0 7.6

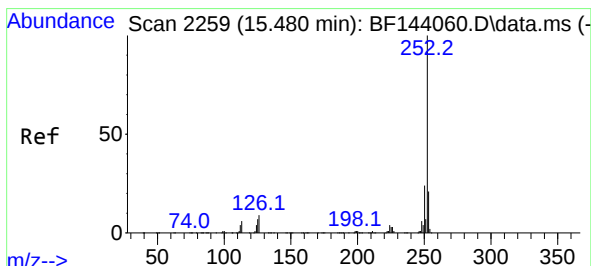
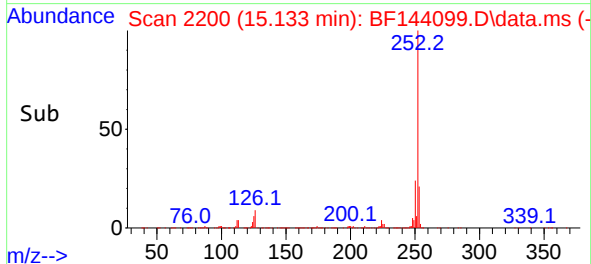
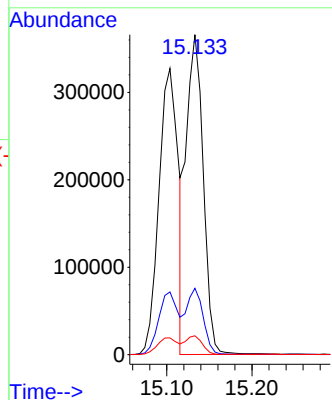
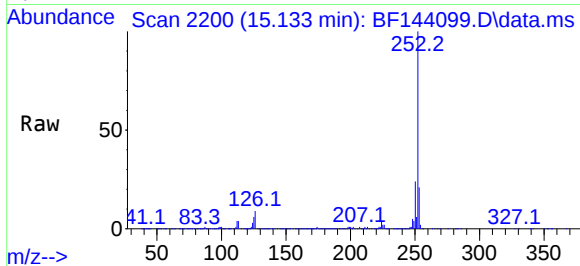




#89
Benzo(k)fluoranthene
Concen: 45.772 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

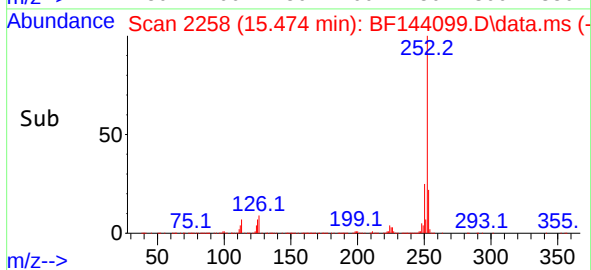
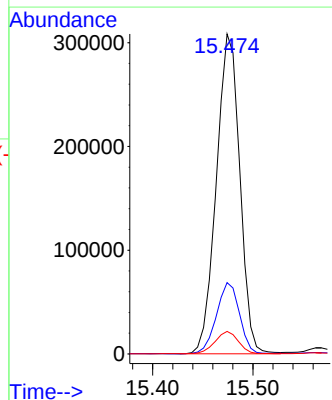
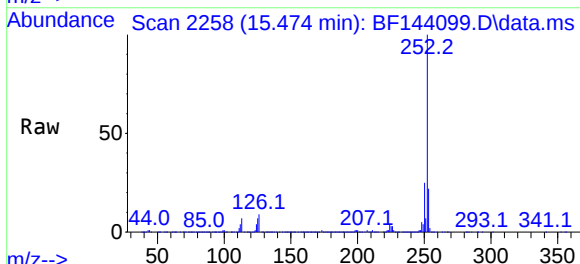
Instrument :
BNA_F
ClientSampleId :
PB170267BS

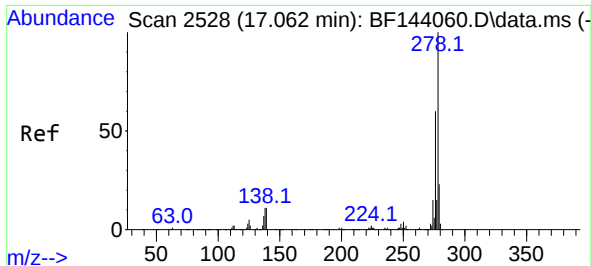
Tgt Ion:252 Resp: 506870
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 5.9 4.9 7.3



#90
Benzo(a)pyrene
Concen: 46.371 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:252 Resp: 499311
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 7.0 5.4 8.2

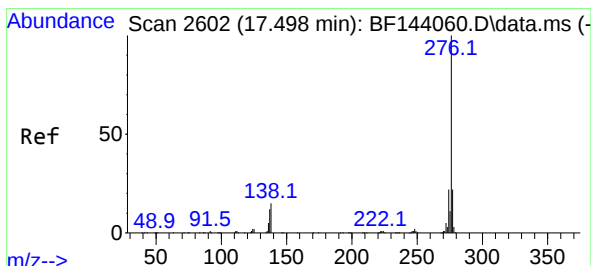
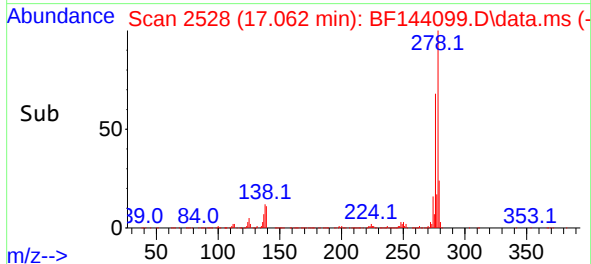
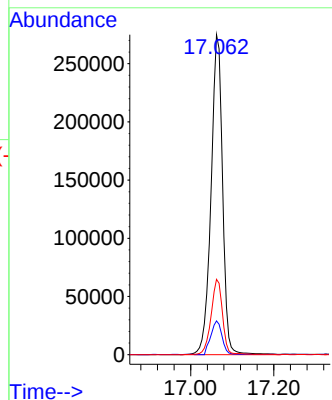
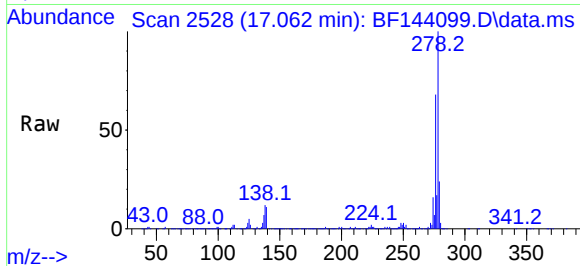




#91
Dibenzo(a,h)anthracene
Concen: 45.912 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB170267BS

Tgt Ion:278 Resp: 529734
Ion Ratio Lower Upper
278 100
139 10.5 8.5 12.7
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 47.204 ng
RT: 17.503 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF144099.D
Acq: 28 Oct 2025 14:16

Tgt Ion:276 Resp: 547573
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 14.1 12.0 18.0

