

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144393.D
 Acq On : 01 Dec 2025 18:12
 Operator : RC/JU
 Sample : Q3735-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625MSD

Quant Time: Dec 02 00:09:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	47026	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	155006	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	78597	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	150269	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	135484	20.000	ng	0.00
86) Perylene-d12	15.527	264	106852	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	206605	68.751	ng	0.00
7) Phenol-d6	6.498	99	222986	65.488	ng	0.00
23) Nitrobenzene-d5	7.428	82	129312	48.181	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	70776	71.759	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	231935	43.583	ng	-0.01
79) Terphenyl-d14	12.980	244	313031	36.700	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	64600	51.996	ng	98
3) Pyridine	3.434	79	169149	48.800	ng	98
4) n-Nitrosodimethylamine	3.387	42	91838	50.725	ng	90
6) Aniline	6.528	93	89812	18.513	ng	# 82
8) 2-Chlorophenol	6.651	128	126592	42.955	ng	98
9) Benzaldehyde	6.416	77	66196	34.428	ng	98
10) Phenol	6.516	94	172663	41.503	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	141966	46.832	ng	100
12) 1,3-Dichlorobenzene	6.804	146	168669	46.381	ng	98
13) 1,4-Dichlorobenzene	6.881	146	169084	46.410	ng	98
14) 1,2-Dichlorobenzene	7.034	146	158528	45.397	ng	99
15) Benzyl Alcohol	7.004	79	113365	42.046	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	251610	45.072	ng	88
17) 2-Methylphenol	7.122	107	95564	40.761	ng	96
18) Hexachloroethane	7.375	117	50819	41.985	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	95505	42.607	ng	98
20) 3+4-Methylphenols	7.275	107	114340	41.372	ng	# 89
22) Acetophenone	7.269	105	166994	50.220	ng	98
24) Nitrobenzene	7.445	77	139168	47.758	ng	99
25) Isophorone	7.681	82	238193	46.920	ng	98
26) 2-Nitrophenol	7.763	139	71132	49.312	ng	95
27) 2,4-Dimethylphenol	7.798	122	107096	49.534	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	154877	48.855	ng	98
29) 2,4-Dichlorophenol	8.010	162	106069	42.565	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	120802	47.210	ng	98
31) Naphthalene	8.169	128	333805	45.271	ng	100
32) Benzoic acid	7.916	122	63279	39.928	ng	90
33) 4-Chloroaniline	8.222	127	41281	15.351	ng	95
34) Hexachlorobutadiene	8.281	225	84937	44.044	ng	99
35) Caprolactam	8.581	113	30129	44.131	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	90368	40.464	ng	97
37) 2-Methylnaphthalene	8.857	142	195536	39.664	ng	100
38) 1-Methylnaphthalene	8.957	142	199857	42.015	ng	97
40) 1,2,4,5-Tetrachloroben...	9.028	216	120673	46.847	ng	98
41) Hexachlorocyclopentadiene	9.010	237	25574	34.226	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	76059	43.383	ng	96

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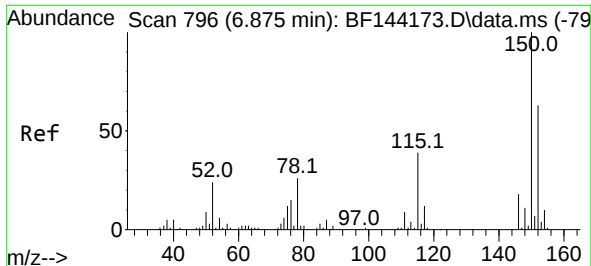
Quant Time: Dec 02 00:09:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	82271	43.540	ng	99
46) 1,1'-Biphenyl	9.322	154	259567	47.312	ng	100
47) 2-Chloronaphthalene	9.351	162	210702	45.023	ng	99
48) 2-Nitroaniline	9.451	65	63612	47.109	ng	90
49) Acenaphthylene	9.763	152	328511	51.512	ng	100
50) Dimethylphthalate	9.622	163	245841	47.215	ng	100
51) 2,6-Dinitrotoluene	9.686	165	54414	51.624	ng	91
52) Acenaphthene	9.939	154	177941	41.724	ng	98
53) 3-Nitroaniline	9.863	138	38109	33.074	ng	94
54) 2,4-Dinitrophenol	9.975	184	24505	38.500	ng	88
55) Dibenzofuran	10.110	168	274816	46.011	ng	98
56) 4-Nitrophenol	10.033	139	80539	96.629	ng	95
57) 2,4-Dinitrotoluene	10.098	165	72202	51.169	ng	98
58) Fluorene	10.457	166	223358	49.185	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	64446	48.207	ng	100
60) Diethylphthalate	10.322	149	230285	47.976	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	116115	44.888	ng	98
62) 4-Nitroaniline	10.475	138	51688	47.105	ng	92
63) Azobenzene	10.604	77	231848	51.900	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	22591	22.130	ng	93
66) n-Nitrosodiphenylamine	10.563	169	215296	44.547	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	78703	41.033	ng	97
68) Hexachlorobenzene	11.004	284	97923	43.344	ng	97
69) Atrazine	11.092	200	76246	49.606	ng	99
70) Pentachlorophenol	11.204	266	111644	99.239	ng	100
71) Phenanthrene	11.422	178	358342	47.896	ng	99
72) Anthracene	11.475	178	370992	48.766	ng	100
73) Carbazole	11.627	167	342822	52.995	ng	99
74) Di-n-butylphthalate	11.951	149	418032	53.455	ng	99
75) Fluoranthene	12.616	202	453822	58.720	ng	99
77) Benzidine	12.739	184	190139	47.446	ng	98
78) Pyrene	12.845	202	467510	42.797	ng	98
80) Butylbenzylphthalate	13.457	149	196159	51.810	ng	99
81) Benzo(a)anthracene	14.039	228	461954	49.196	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	113093	35.137	ng	95
83) Chrysene	14.074	228	407199	46.976	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	277186	53.480	ng	97
85) Di-n-octyl phthalate	14.627	149	441688	49.393	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	292895	38.186	ng	97
88) Benzo(b)fluoranthene	15.098	252	340496	56.051	ng	99
89) Benzo(k)fluoranthene	15.121	252	304715	53.591	ng	97
90) Benzo(a)pyrene	15.468	252	279785	49.924	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	236474	38.388	ng	97
92) Benzo(g,h,i)perylene	17.492	276	232585	38.234	ng	99

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

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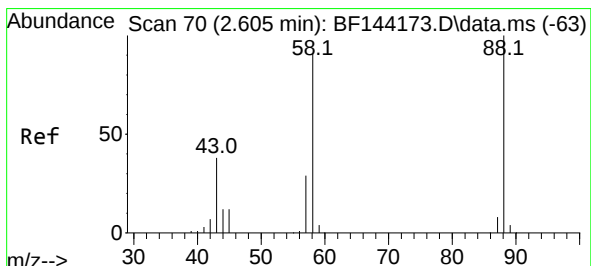
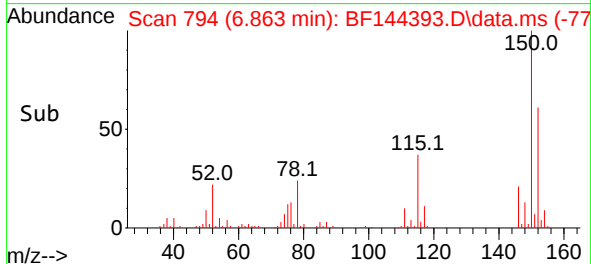
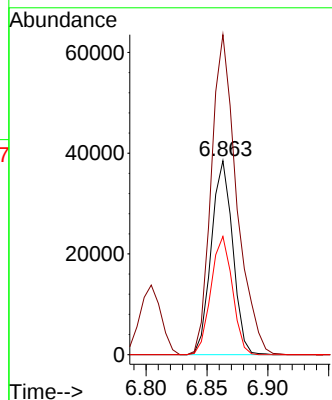
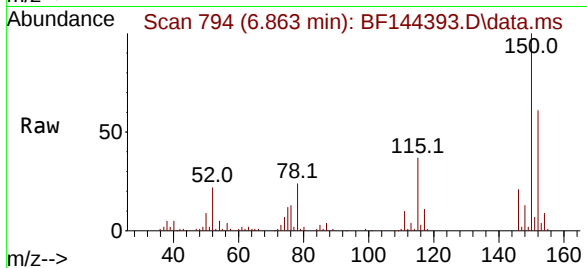




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144393.D
 Acq: 01 Dec 2025 18:12

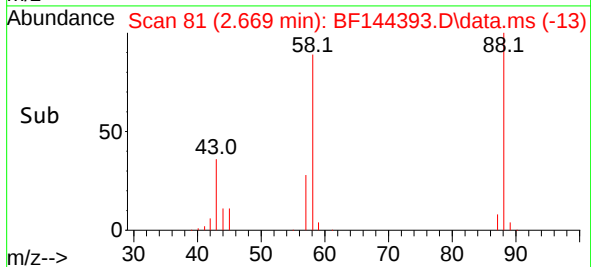
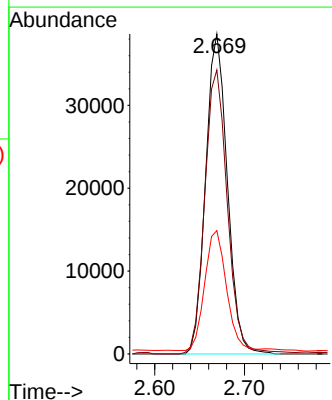
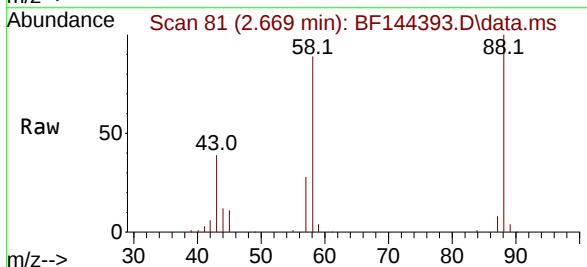
Instrument :
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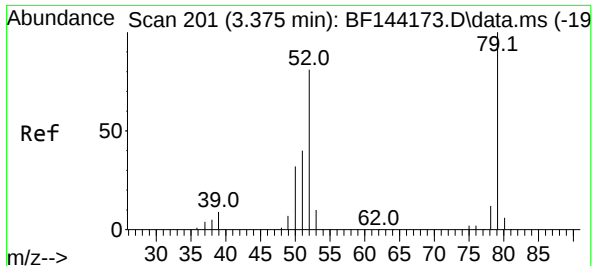
Tgt Ion:152 Resp: 47026
 Ion Ratio Lower Upper
 152 100
 150 165.0 127.4 191.0
 115 61.0 49.5 74.3



#2
 1,4-Dioxane
 Concen: 51.996 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.053 min
 Lab File: BF144393.D
 Acq: 01 Dec 2025 18:12

Tgt Ion: 88 Resp: 64600
 Ion Ratio Lower Upper
 88 100
 58 92.9 73.1 109.7
 43 37.6 31.0 46.6

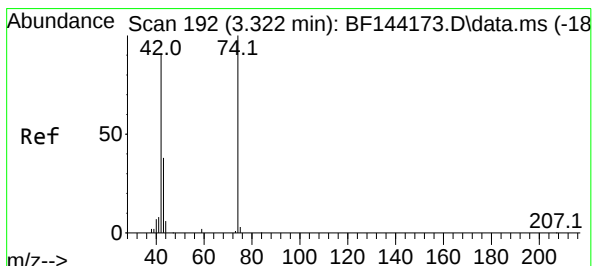
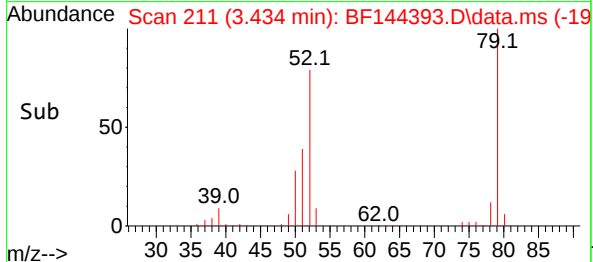
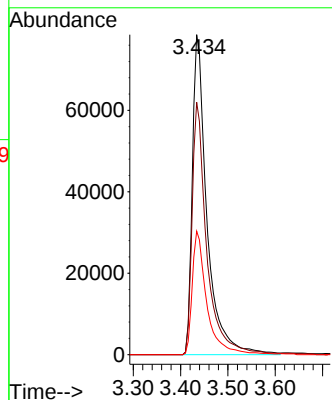
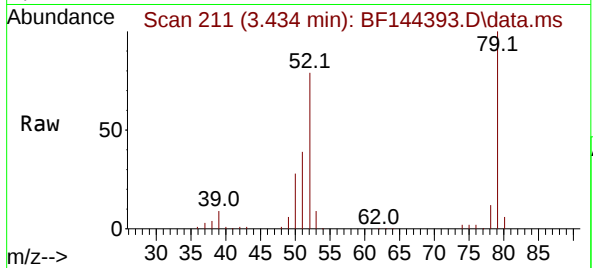




#3
Pyridine
Concen: 48.800 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

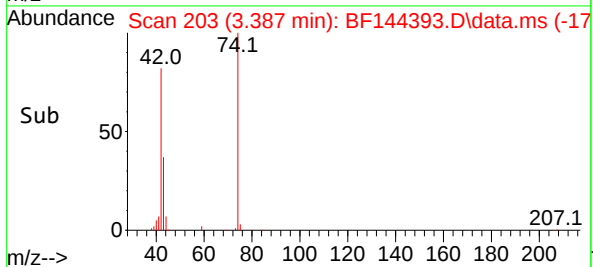
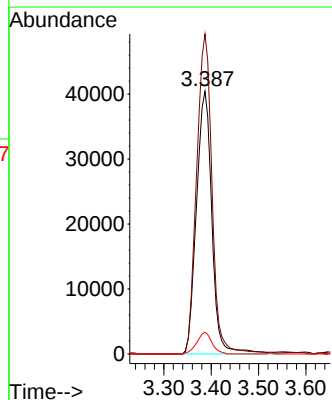
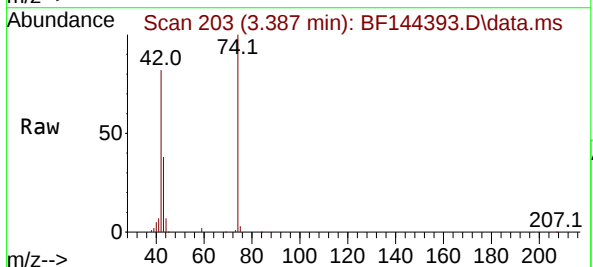
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ClientSampleId :
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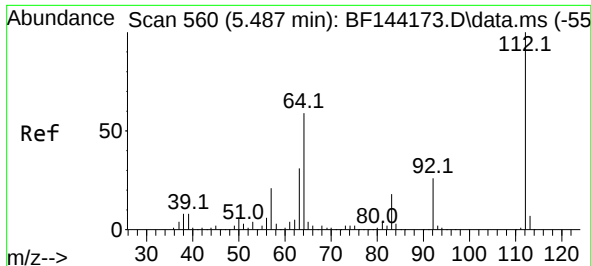
Tgt Ion: 79 Resp: 169149
Ion Ratio Lower Upper
79 100
52 78.9 64.5 96.7
51 38.6 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 50.725 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.041 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion: 42 Resp: 91838
Ion Ratio Lower Upper
42 100
74 121.9 88.2 132.4
44 8.3 5.7 8.5

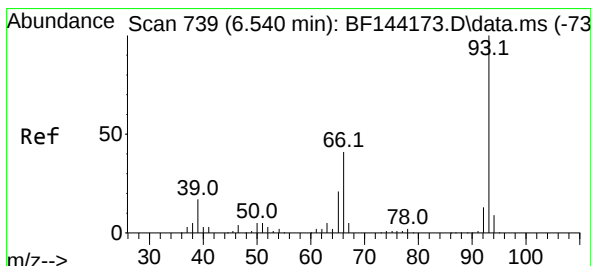
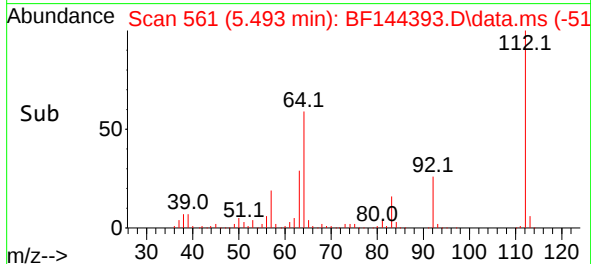
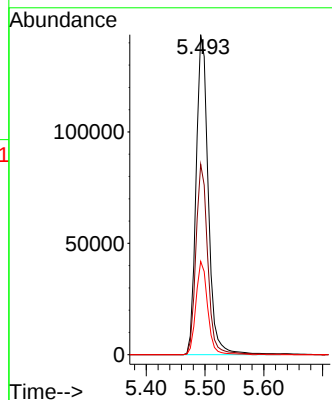
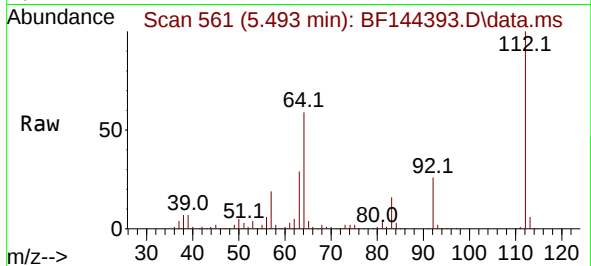




#5
2-Fluorophenol
Concen: 68.751 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

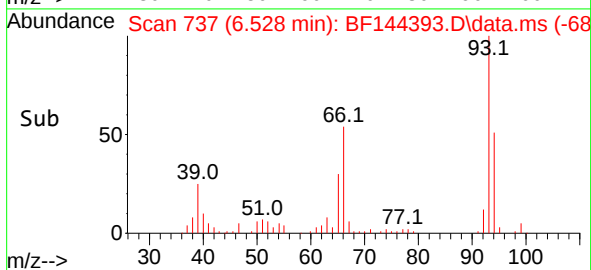
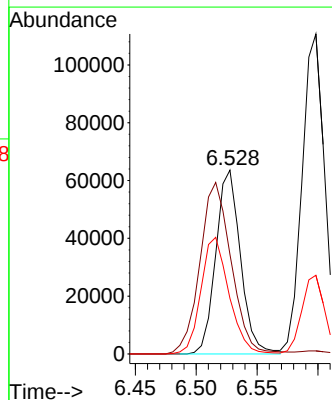
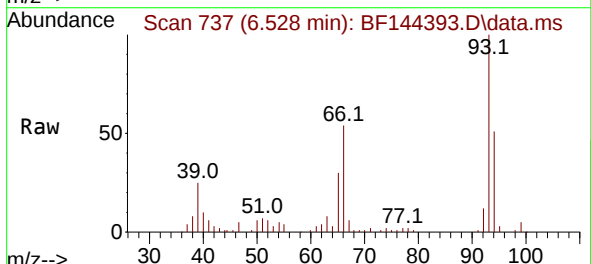
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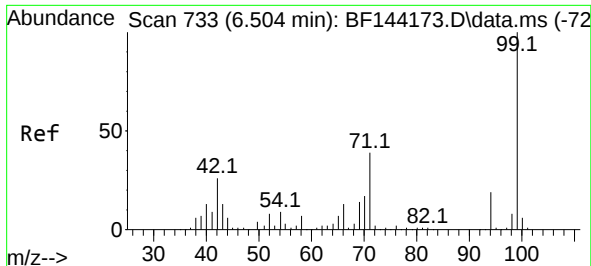
Tgt Ion:112 Resp: 206605
Ion Ratio Lower Upper
112 100
64 59.5 47.2 70.8
63 29.1 24.4 36.6



#6
Aniline
Concen: 18.513 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion: 93 Resp: 89812
Ion Ratio Lower Upper
93 100
66 54.1 34.3 51.5#
65 30.2 16.9 25.3#





#7

Phenol-d6

Concen: 65.488 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

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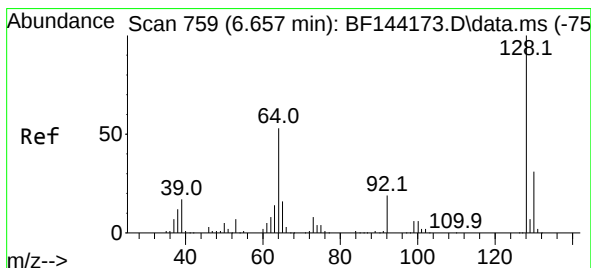
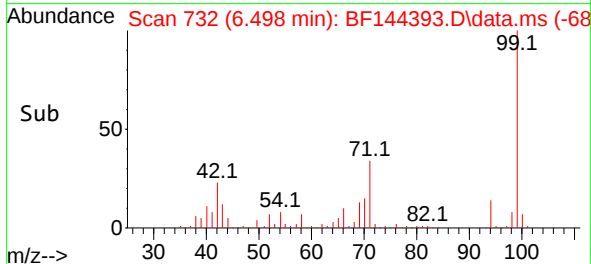
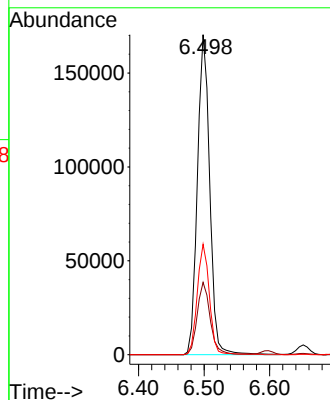
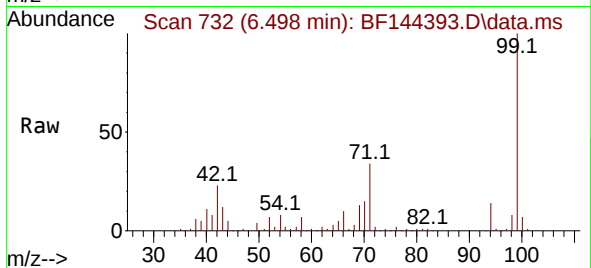
Tgt Ion: 99 Resp: 222986

Ion Ratio Lower Upper

99 100

42 22.6 20.9 31.3

71 34.5 31.4 47.2



#8

2-Chlorophenol

Concen: 42.955 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

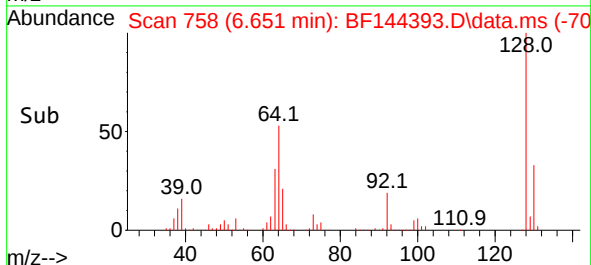
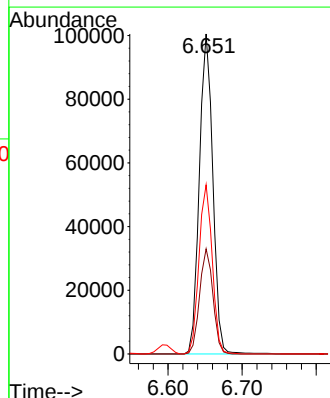
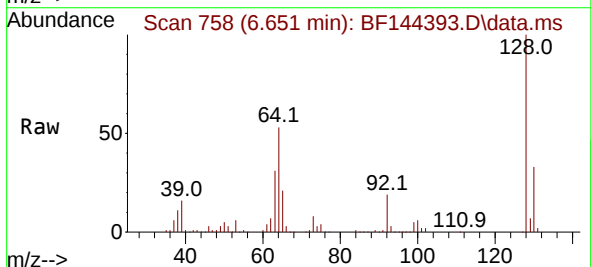
Tgt Ion:128 Resp: 126592

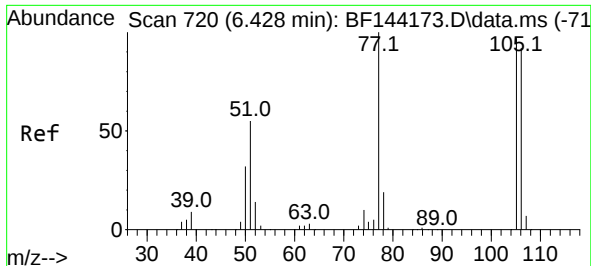
Ion Ratio Lower Upper

128 100

130 32.9 10.5 50.5

64 52.9 33.2 73.2





#9

Benzaldehyde

Concen: 34.428 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.012 min

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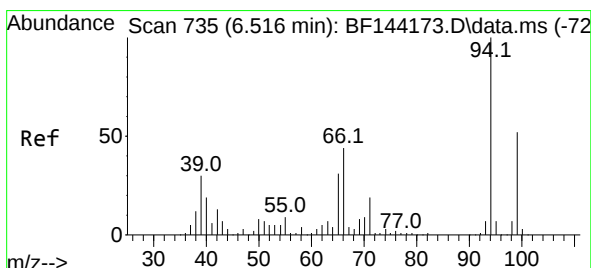
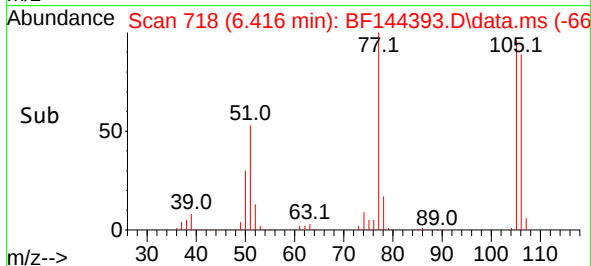
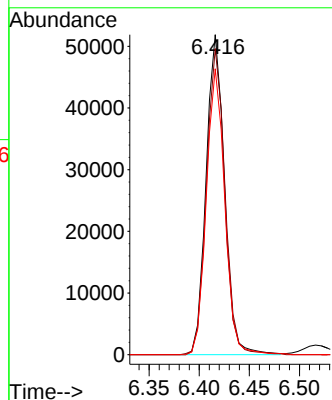
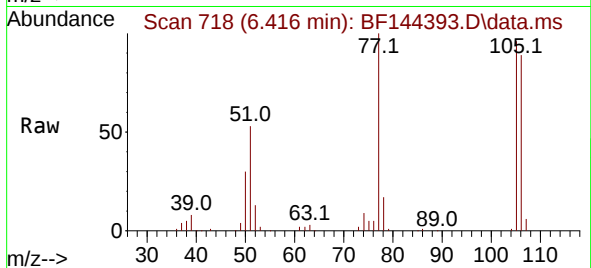
Tgt Ion: 77 Resp: 66196

Ion Ratio Lower Upper

77 100

105 95.7 77.2 117.2

106 89.4 72.2 112.2



#10

Phenol

Concen: 41.503 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

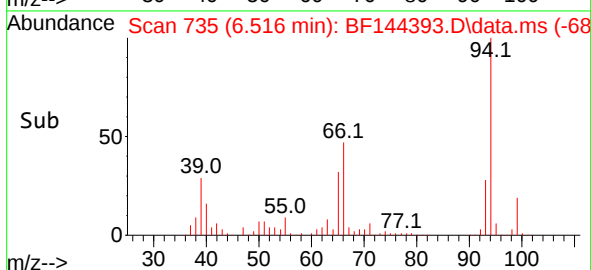
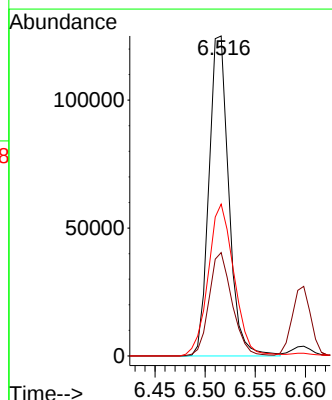
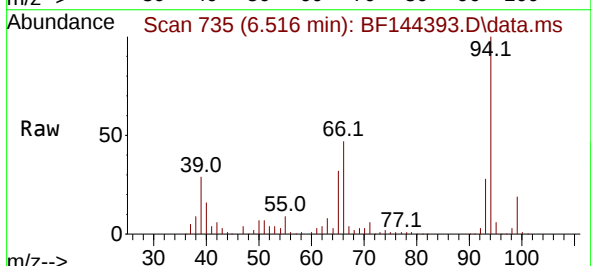
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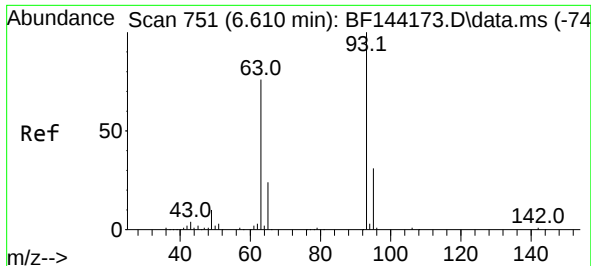
Ion Ratio Lower Upper

94 100

65 32.3 10.8 50.8

66 47.4 24.3 64.3

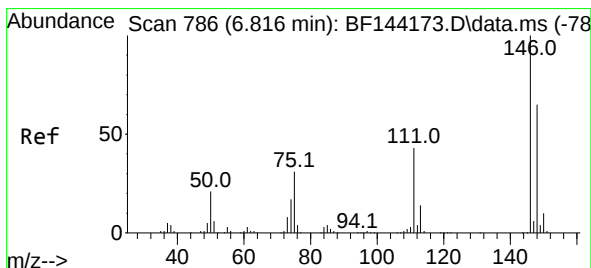
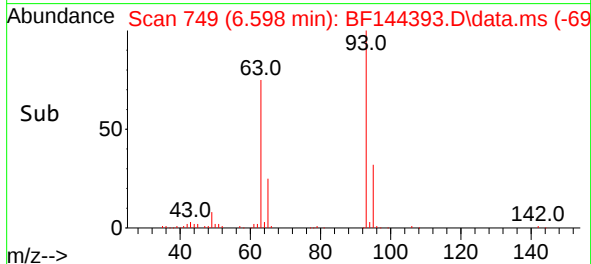
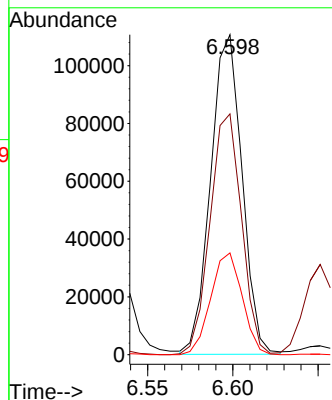
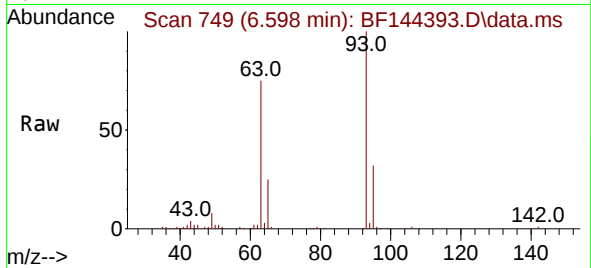




#11
bis(2-Chloroethyl)ether
Concen: 46.832 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

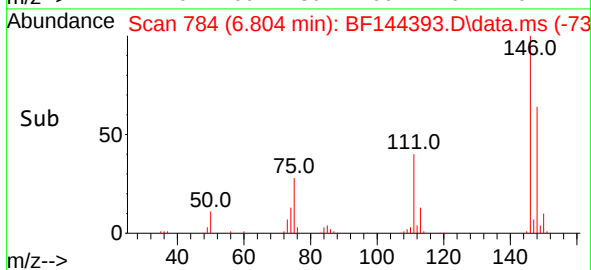
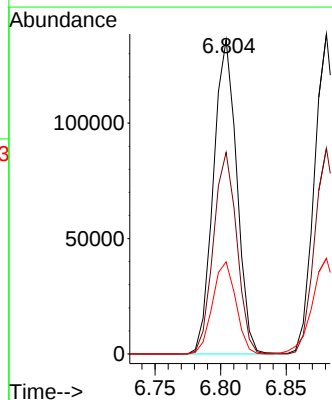
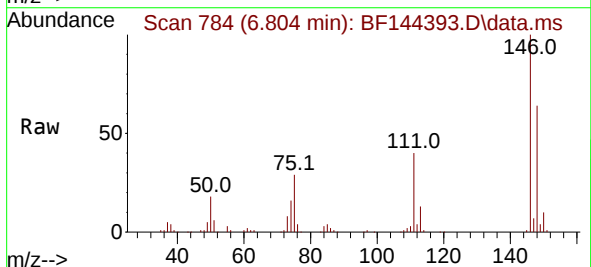
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

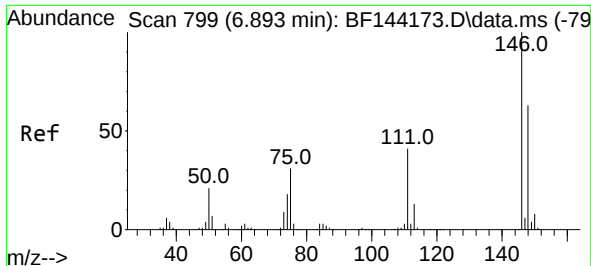
Tgt Ion: 93 Resp: 141966
Ion Ratio Lower Upper
93 100
63 75.3 55.2 95.2
95 31.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 46.381 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:146 Resp: 168669
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 29.3 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 46.410 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

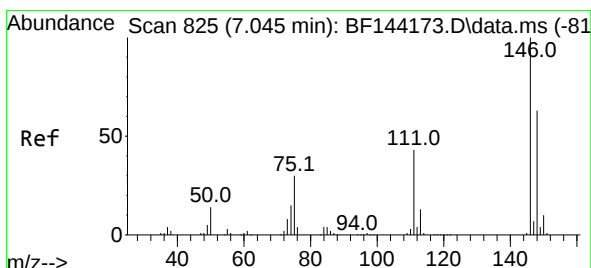
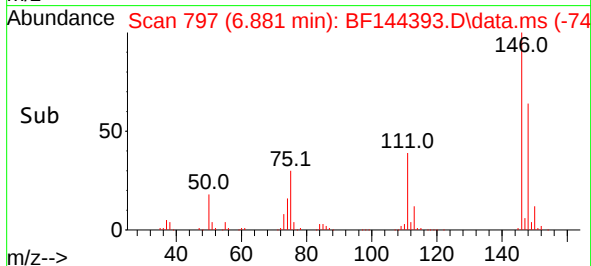
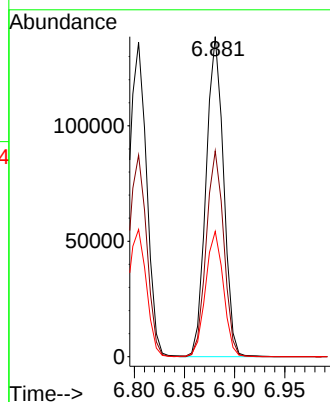
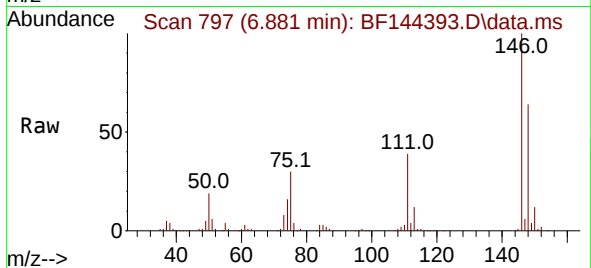
Tgt Ion:146 Resp: 169084

Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.2

111 39.1 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 45.397 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

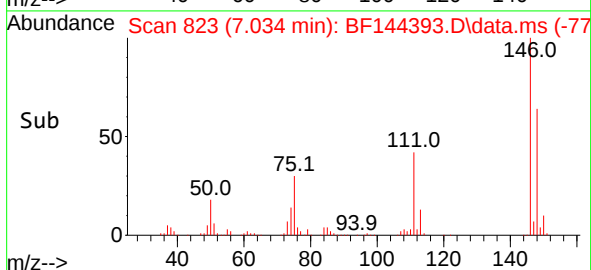
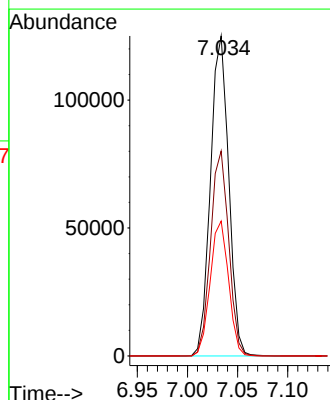
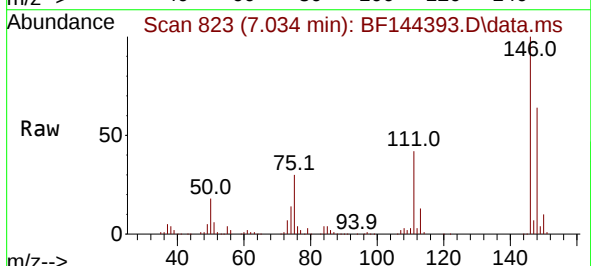
Tgt Ion:146 Resp: 158528

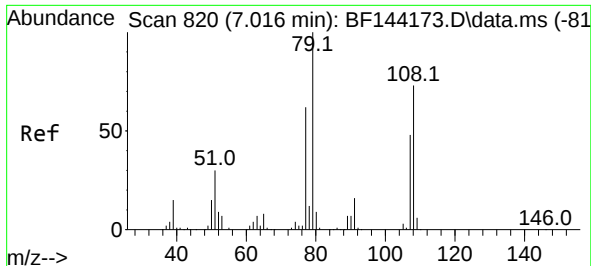
Ion Ratio Lower Upper

146 100

148 64.0 50.7 76.1

111 42.2 34.2 51.4

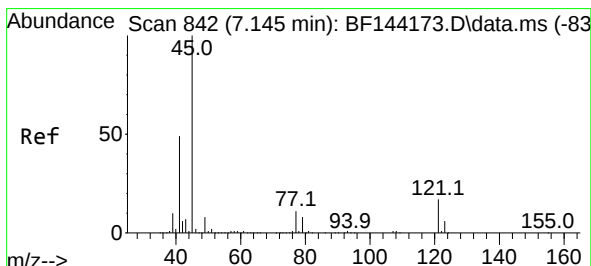
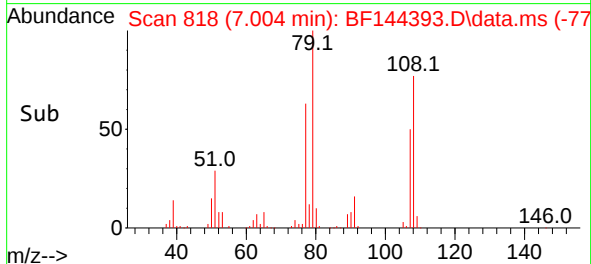
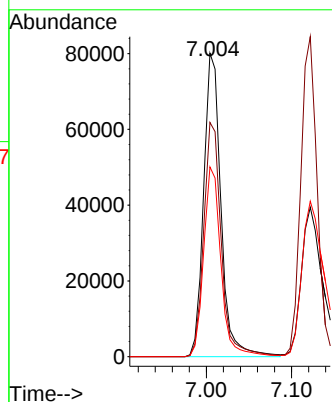
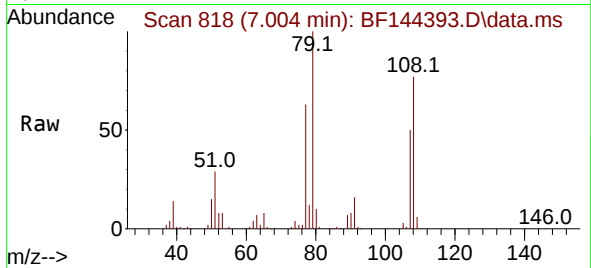




#15
Benzyl Alcohol
Concen: 42.046 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

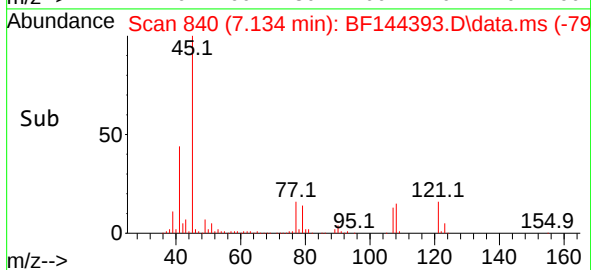
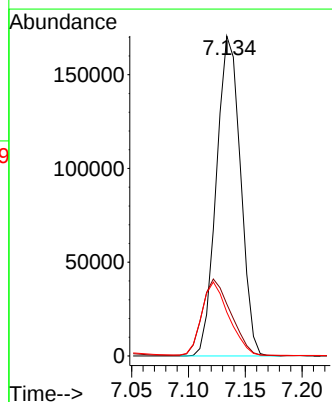
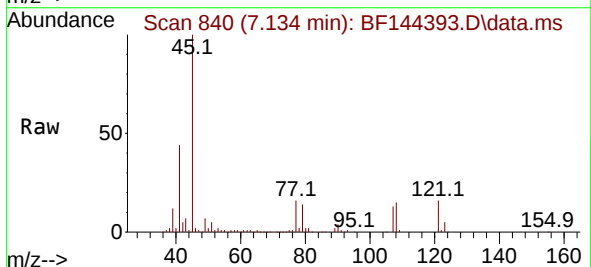
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

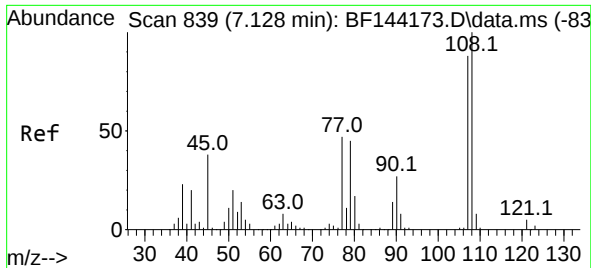
Tgt Ion: 79 Resp: 113365
Ion Ratio Lower Upper
79 100
108 77.1 58.2 87.4
77 62.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.072 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion: 45 Resp: 251610
Ion Ratio Lower Upper
45 100
77 16.3 0.0 31.8
79 13.7 0.0 29.1

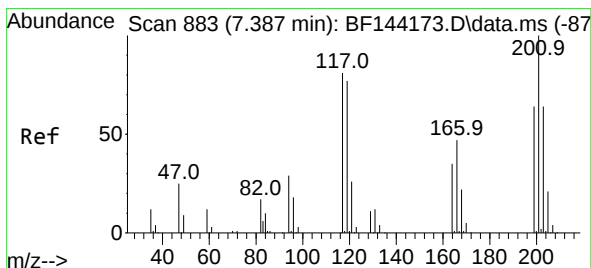
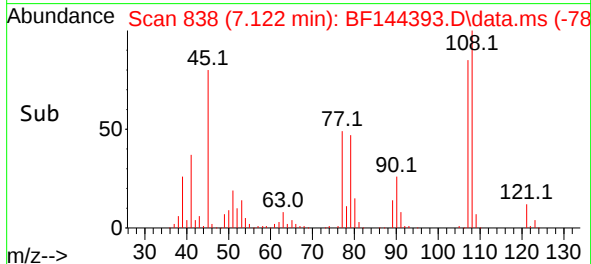
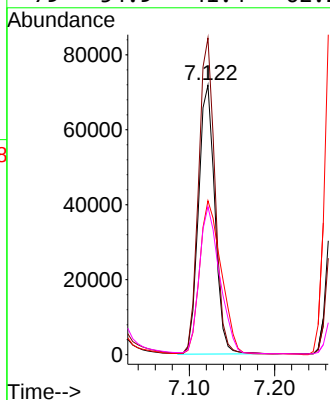
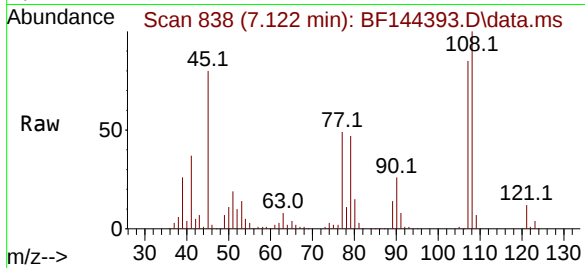




#17
2-Methylphenol
Concen: 40.761 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

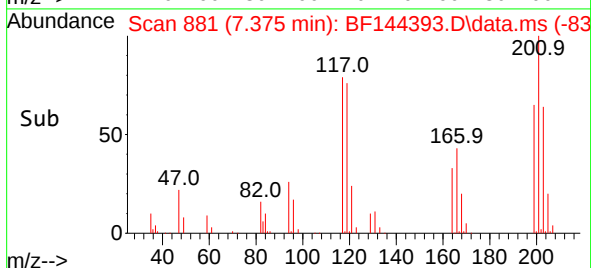
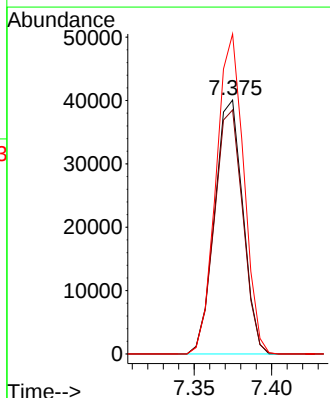
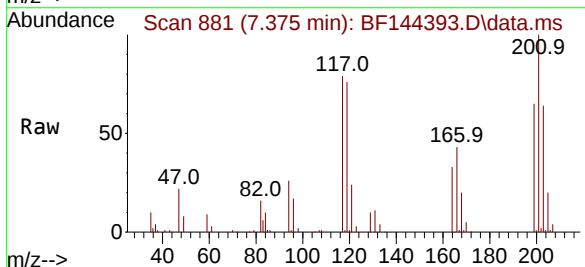
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

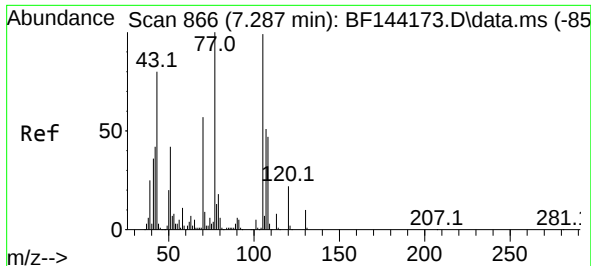
Tgt Ion:	107	Resp:	95564
Ion	Ratio	Lower	Upper
107	100		
108	117.5	91.0	136.4
77	57.1	42.7	64.1
79	54.9	41.4	62.2



#18
Hexachloroethane
Concen: 41.985 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:	117	Resp:	50819
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	126.0	98.9	148.3

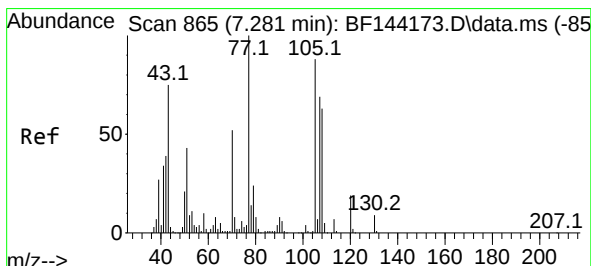
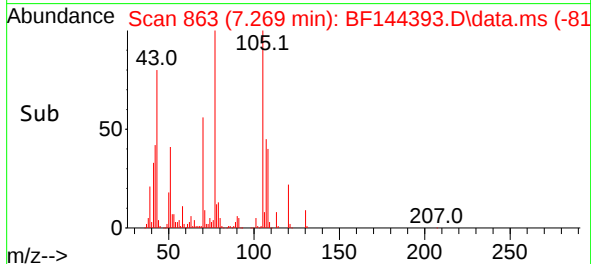
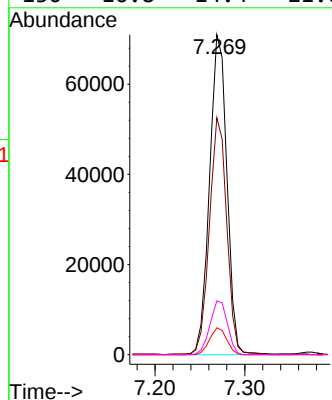
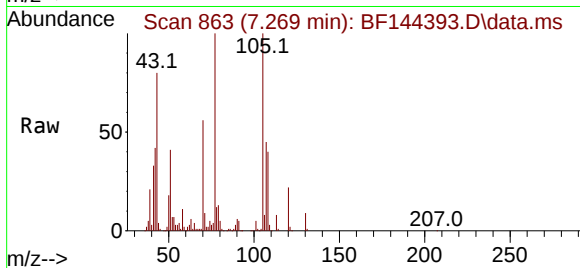




#19
n-Nitroso-di-n-propylamine
Concen: 42.607 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

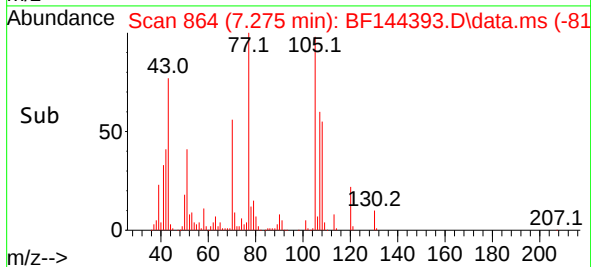
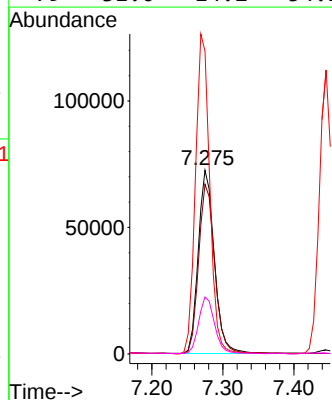
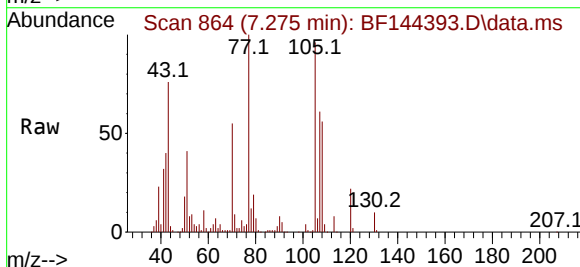
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

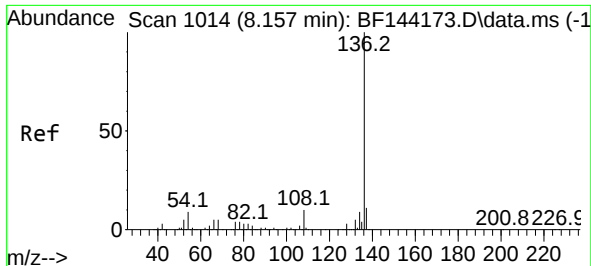
Tgt Ion:	70	Resp:	95505
Ion	Ratio	Lower	Upper
70	100		
42	74.1	58.3	87.5
101	8.4	7.0	10.6
130	16.8	14.4	21.6



#20
3+4-Methylphenols
Concen: 41.372 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:	107	Resp:	114340
Ion	Ratio	Lower	Upper
107	100		
108	92.4	70.2	110.2
77	164.9	123.9	163.9#
79	31.0	14.2	54.2

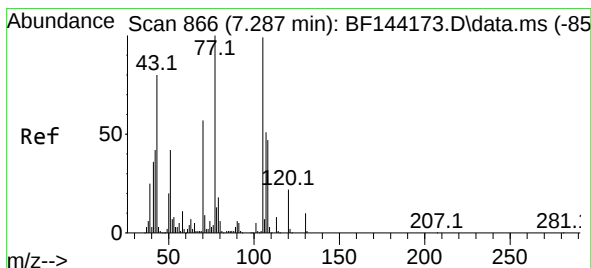
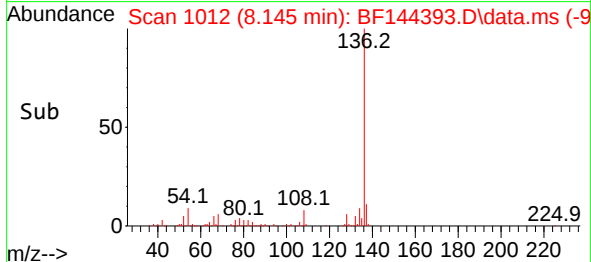
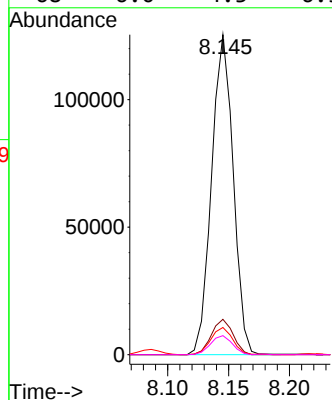
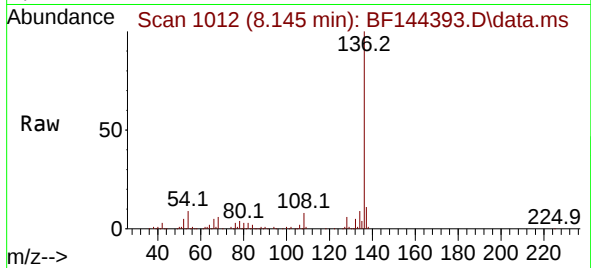




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

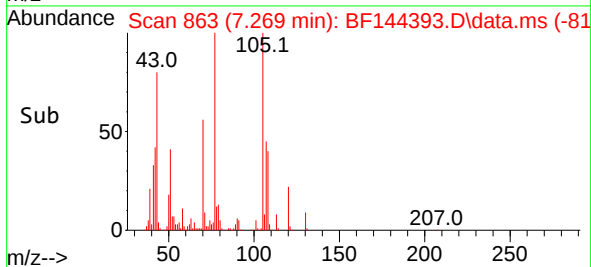
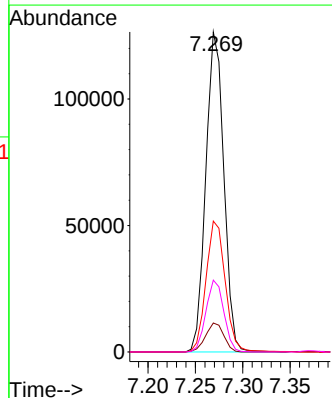
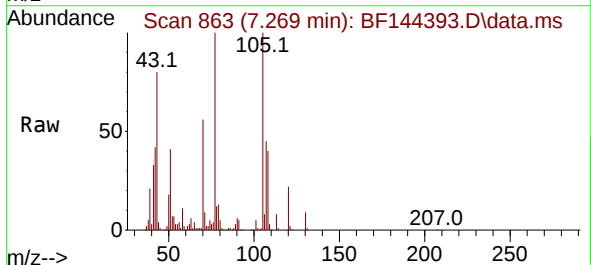
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

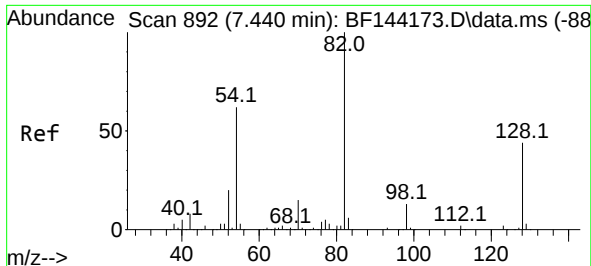
Tgt Ion:136 Resp: 155006
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.6
68 6.0 4.3 6.5



#22
Acetophenone
Concen: 50.220 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:105 Resp: 166994
Ion Ratio Lower Upper
105 100
71 9.1 7.2 10.8
51 40.9 34.0 51.0
120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 48.181 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

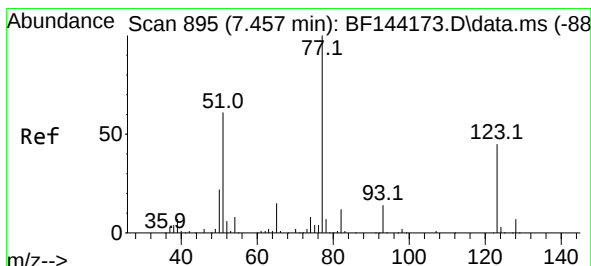
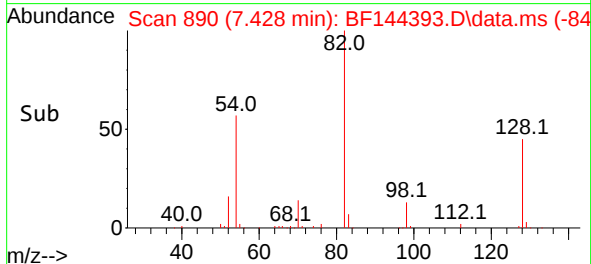
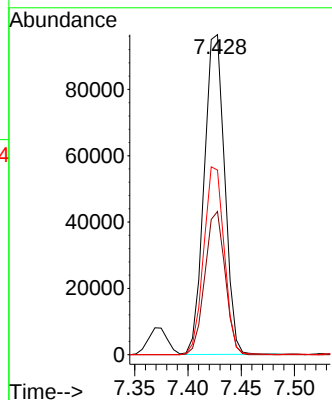
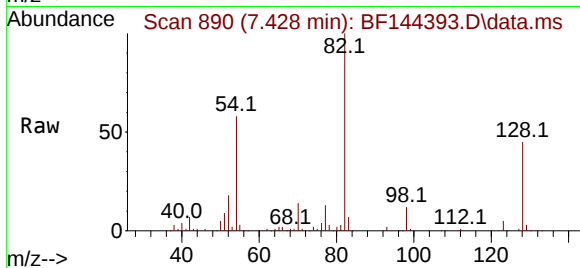
Tgt Ion: 82 Resp: 129312

Ion Ratio Lower Upper

82 100

128 44.7 34.7 52.1

54 57.7 49.5 74.3



#24

Nitrobenzene

Concen: 47.758 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

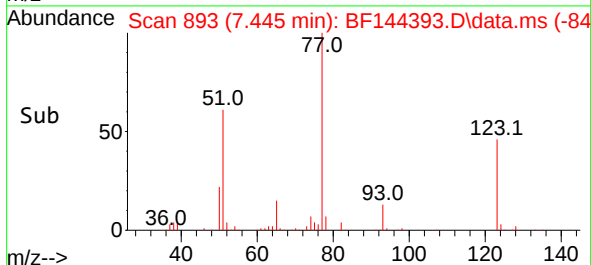
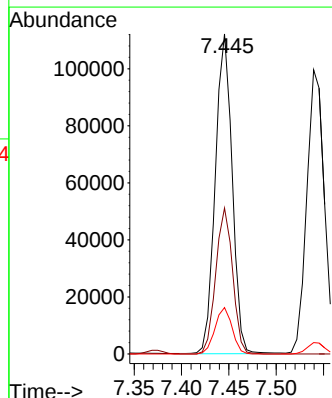
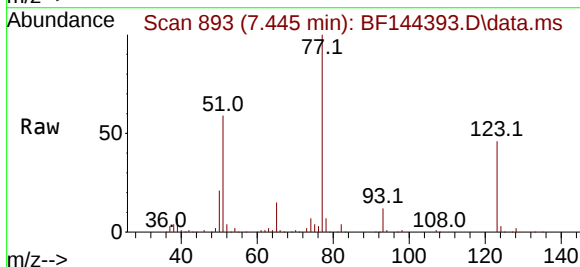
Tgt Ion: 77 Resp: 139168

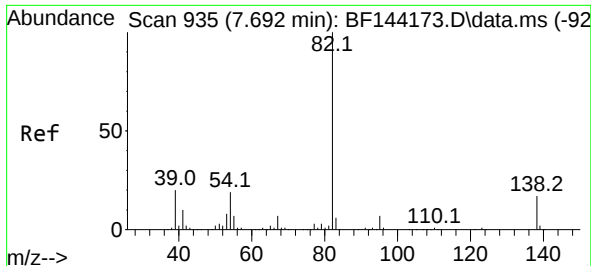
Ion Ratio Lower Upper

77 100

123 45.6 35.8 53.8

65 14.5 12.2 18.2

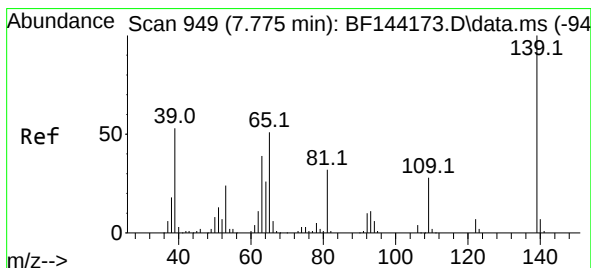
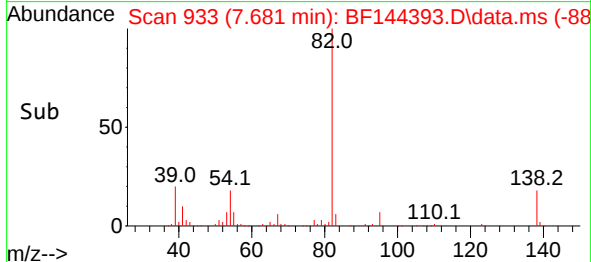
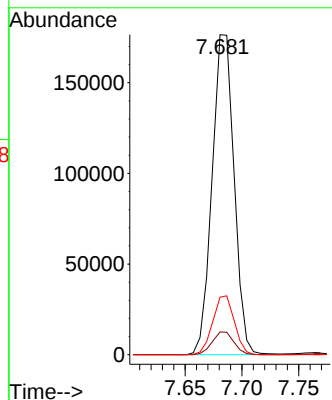
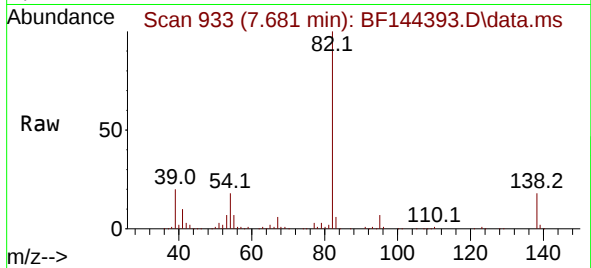




#25
Isophorone
Concen: 46.920 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

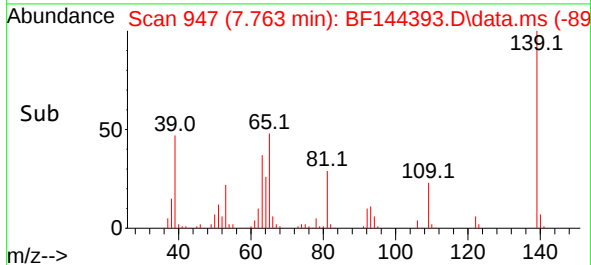
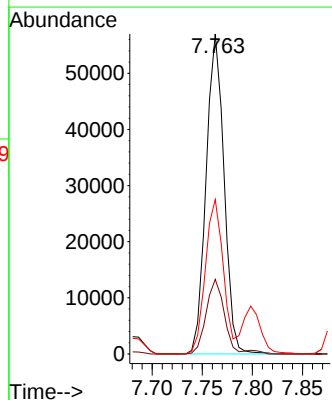
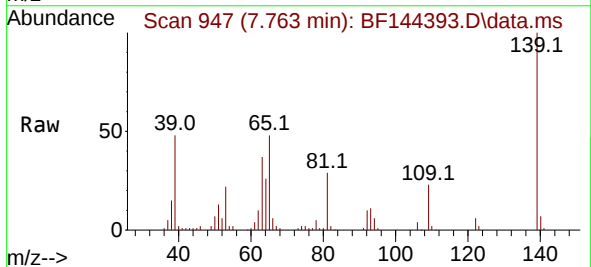
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

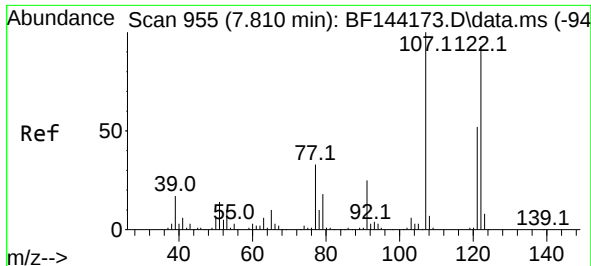
Tgt Ion: 82 Resp: 238193
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.0 13.7 20.5



#26
2-Nitrophenol
Concen: 49.312 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:139 Resp: 71132
Ion Ratio Lower Upper
139 100
109 23.3 22.2 33.2
65 48.2 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 49.534 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

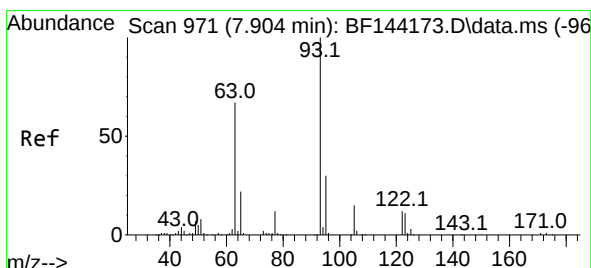
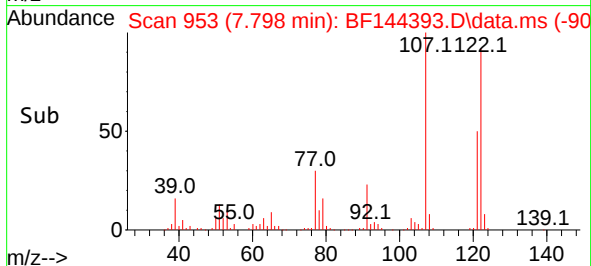
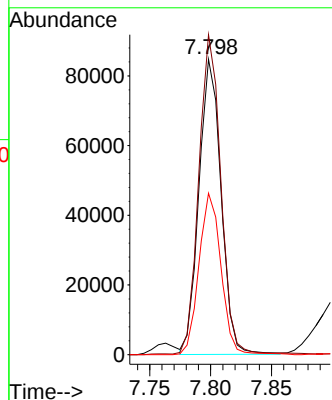
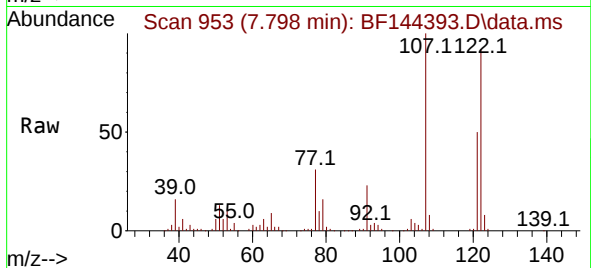
Tgt Ion:122 Resp: 107096

Ion Ratio Lower Upper

122 100

107 108.3 86.2 129.4

121 54.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.855 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

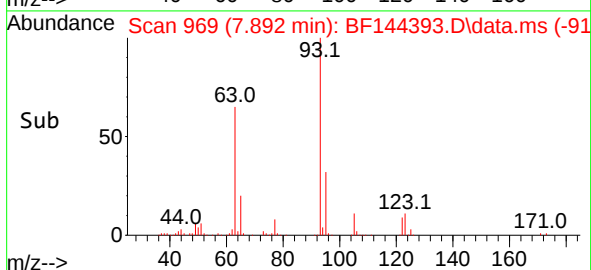
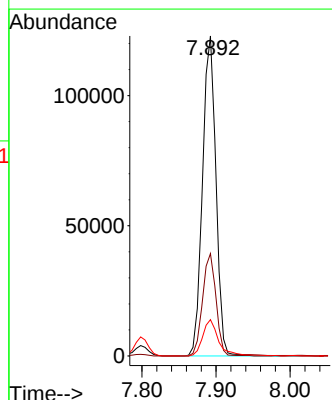
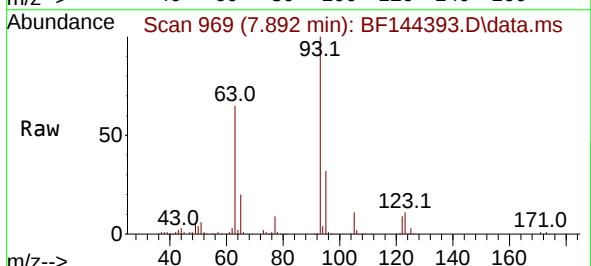
Tgt Ion: 93 Resp: 154877

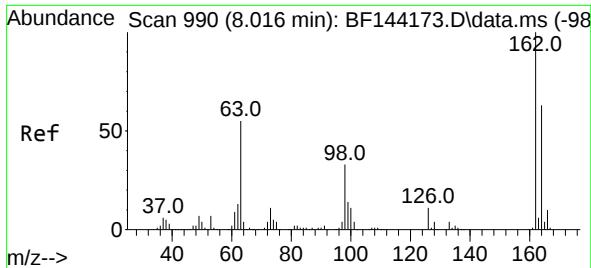
Ion Ratio Lower Upper

93 100

95 32.0 24.2 36.4

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.565 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

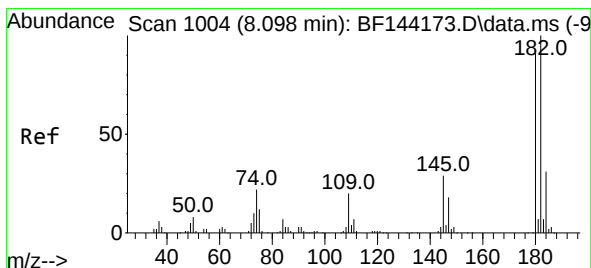
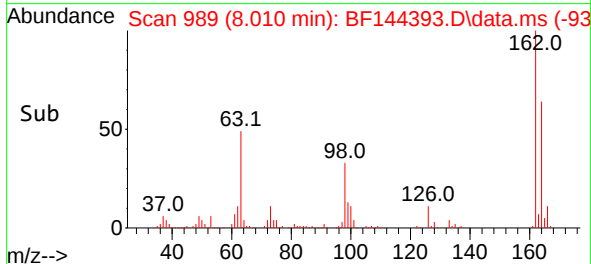
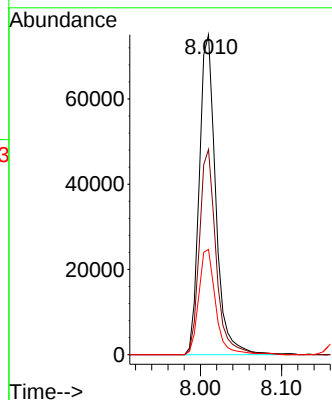
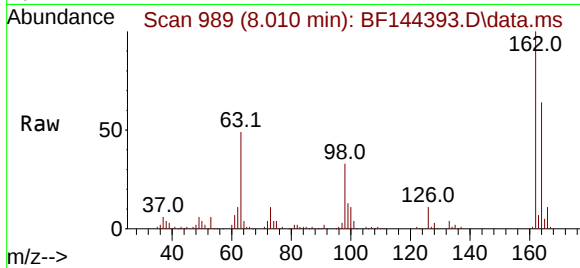
Tgt Ion:162 Resp: 106069

Ion Ratio Lower Upper

162 100

164 64.1 42.9 82.9

98 32.9 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 47.210 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

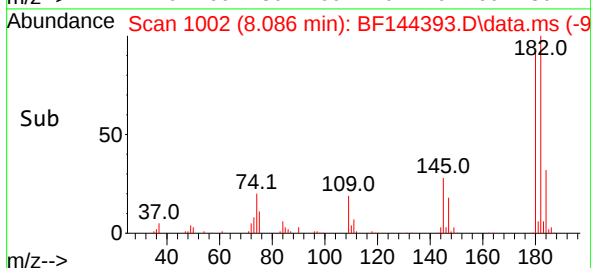
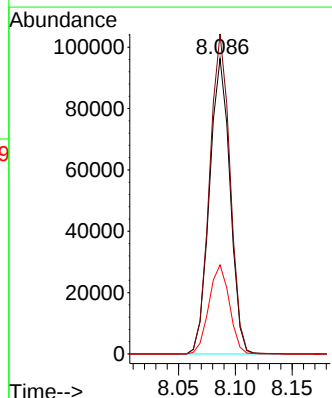
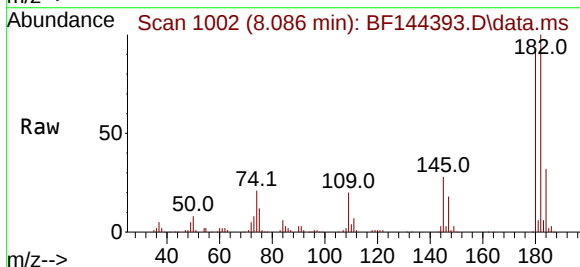
Tgt Ion:180 Resp: 120802

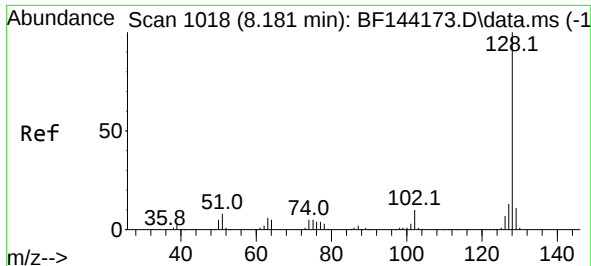
Ion Ratio Lower Upper

180 100

182 108.3 87.7 131.5

145 30.2 25.4 38.0

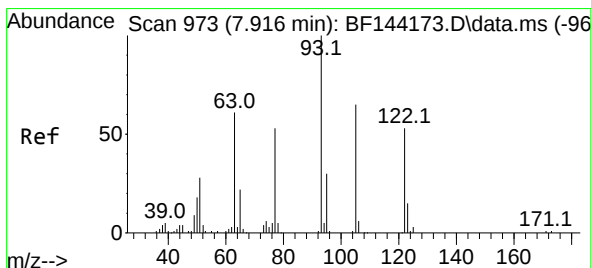
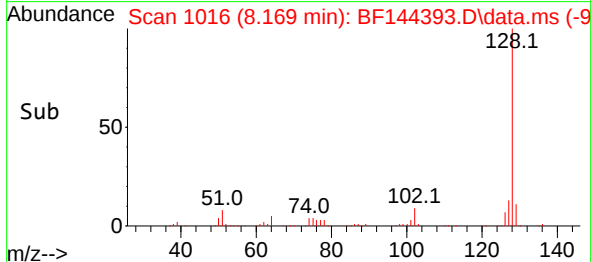
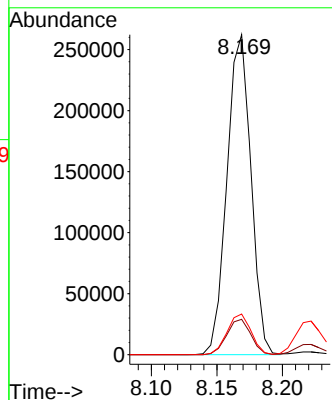
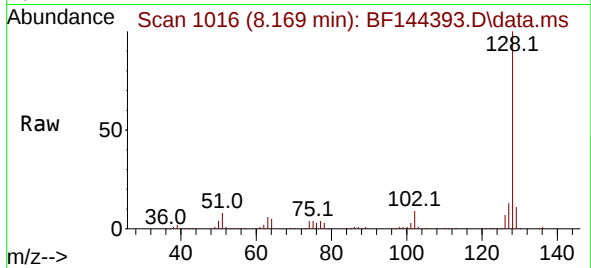




#31
Naphthalene
Concen: 45.271 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

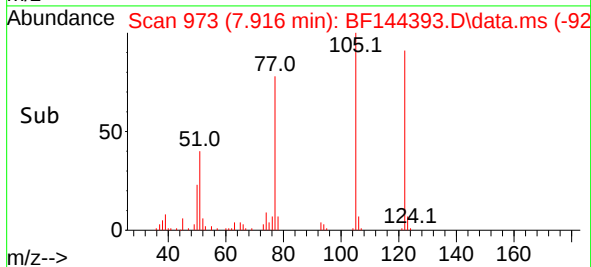
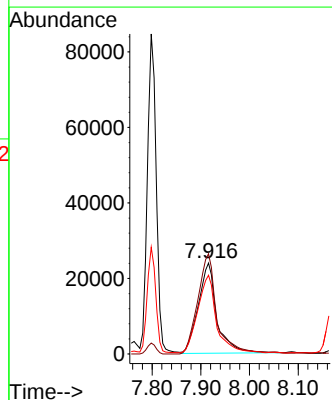
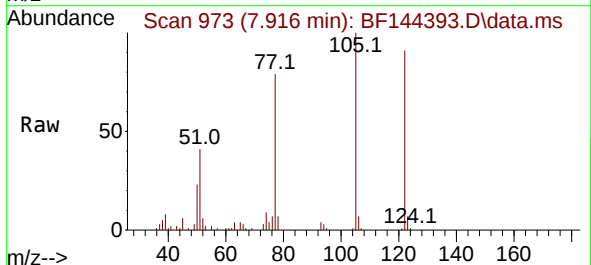
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

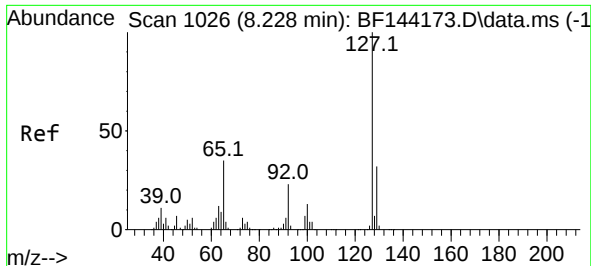
Tgt Ion:128 Resp: 333805
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.7 10.3 15.5



#32
Benzoic acid
Concen: 39.928 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:122 Resp: 63279
Ion Ratio Lower Upper
122 100
105 110.3 99.9 139.9
77 86.7 77.5 117.5

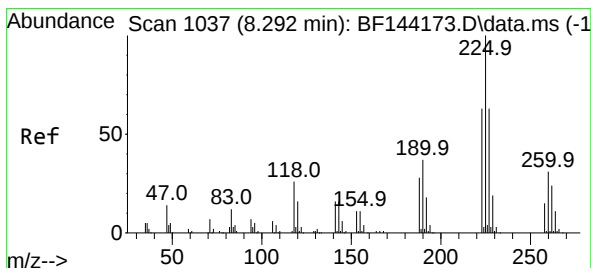
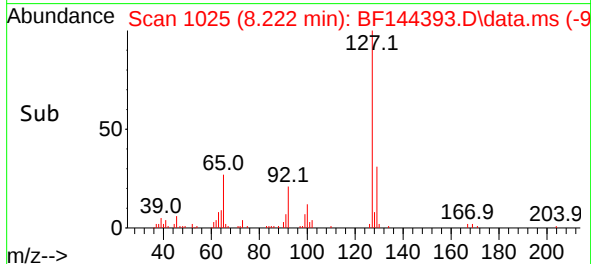
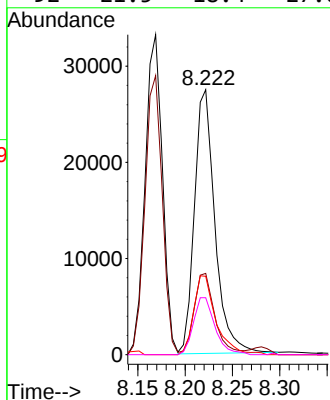
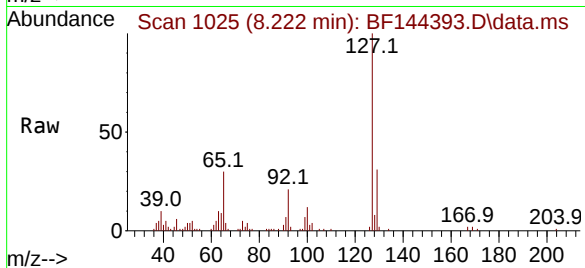




#33
4-Chloroaniline
Concen: 15.351 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

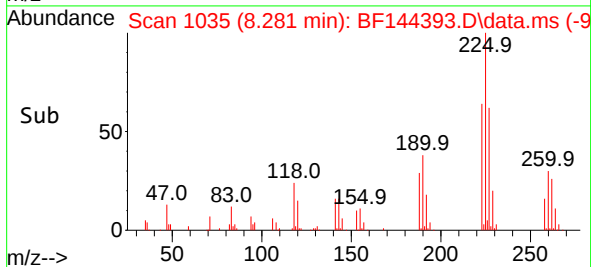
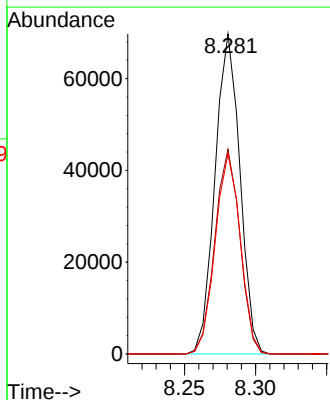
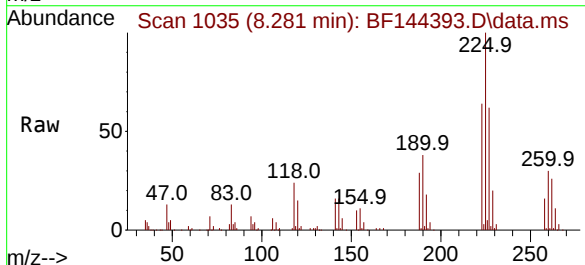
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

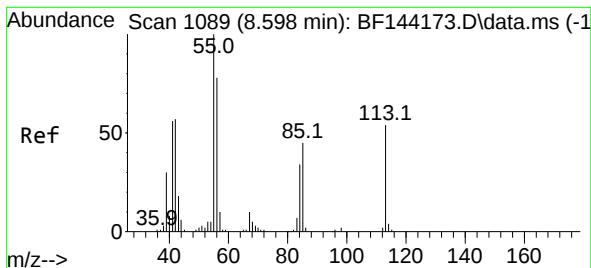
Tgt Ion:	127	Resp:	41281
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.3	37.9
65	29.6	27.6	41.4
92	21.5	18.4	27.6



#34
Hexachlorobutadiene
Concen: 44.044 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:	225	Resp:	84937
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.4
227	62.4	50.1	75.1





#35

Caprolactam

Concen: 44.131 ng

RT: 8.581 min Scan# 1107

Delta R.T. -0.041 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

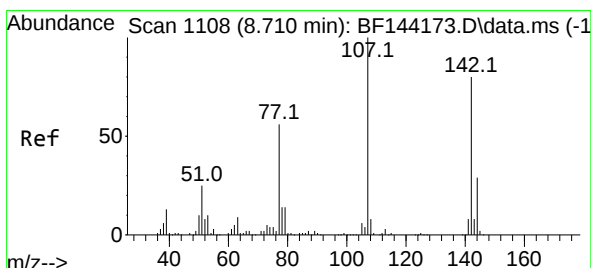
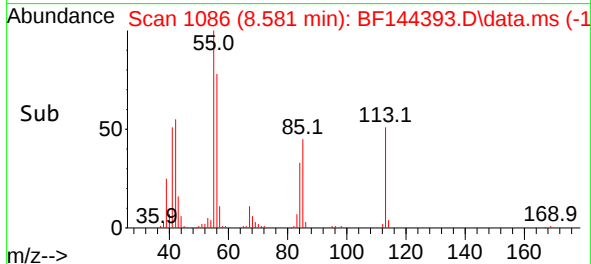
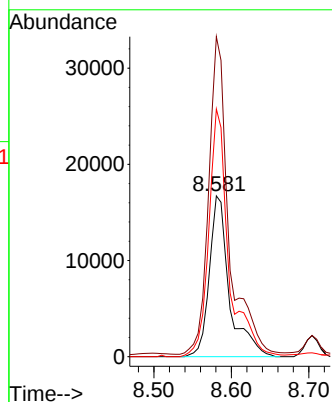
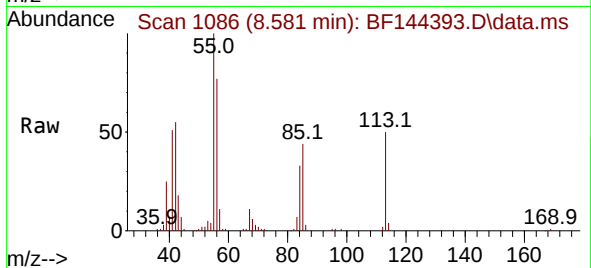
Tgt Ion:113 Resp: 30129

Ion Ratio Lower Upper

113 100

55 199.0 166.8 206.8

56 154.1 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 40.464 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

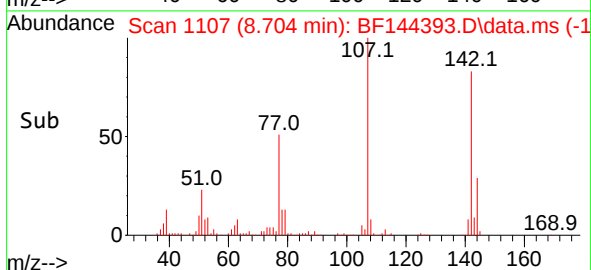
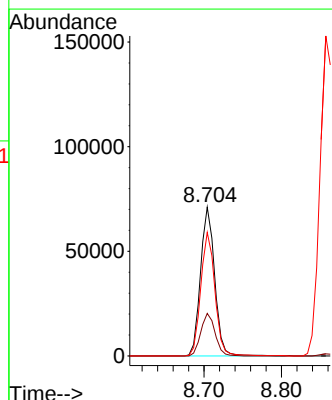
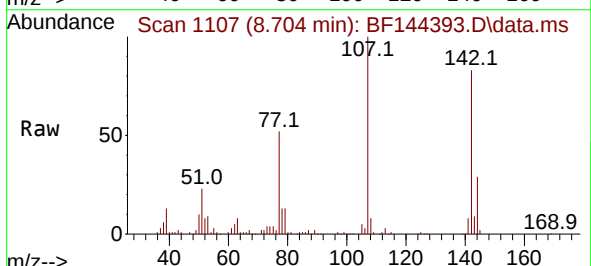
Tgt Ion:107 Resp: 90368

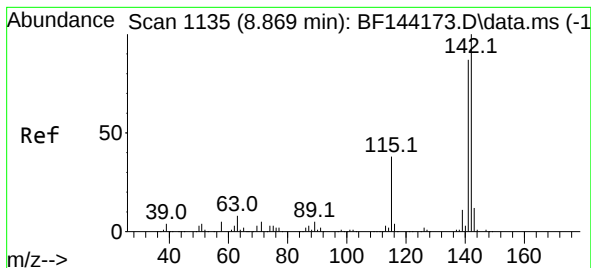
Ion Ratio Lower Upper

107 100

144 28.6 23.3 34.9

142 82.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 39.664 ng

RT: 8.857 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

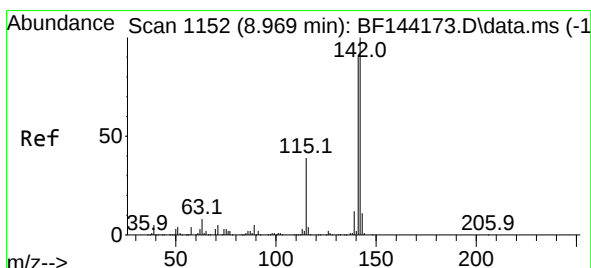
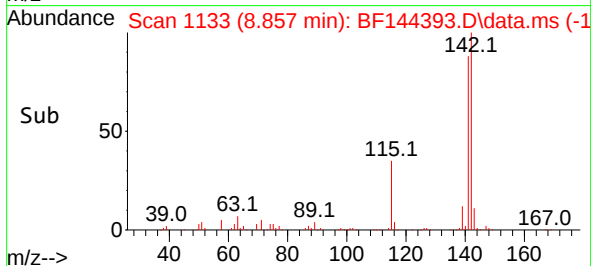
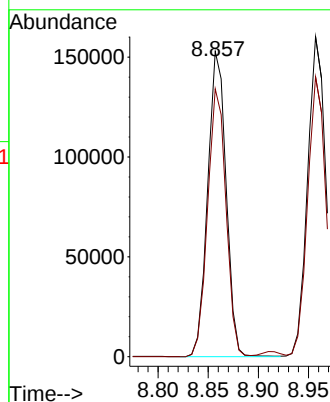
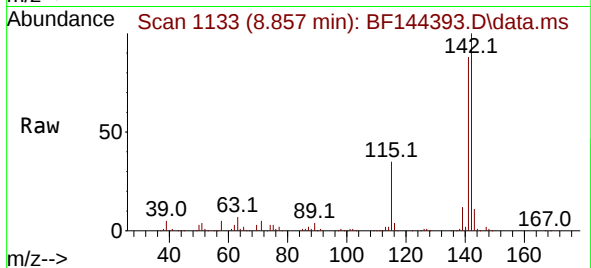
BU-3-112625MSD

Tgt Ion:142 Resp: 195536

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 42.015 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144393.D

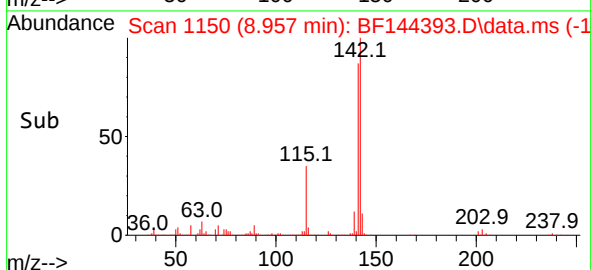
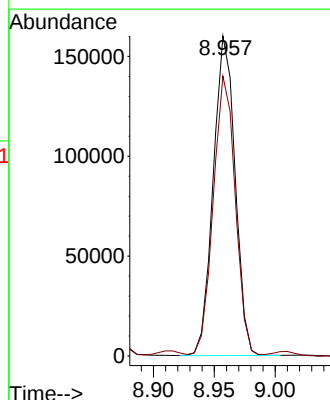
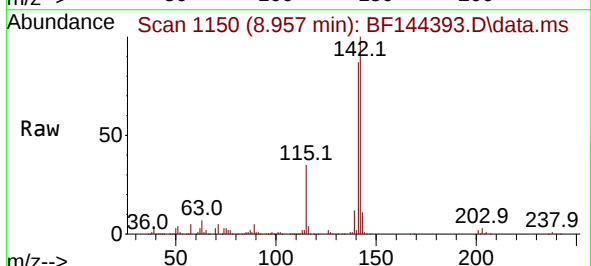
Acq: 01 Dec 2025 18:12

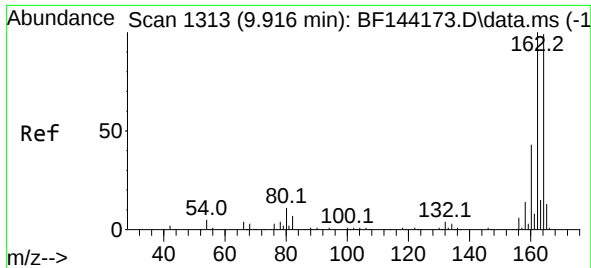
Tgt Ion:142 Resp: 199857

Ion Ratio Lower Upper

142 100

141 87.5 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144393.D

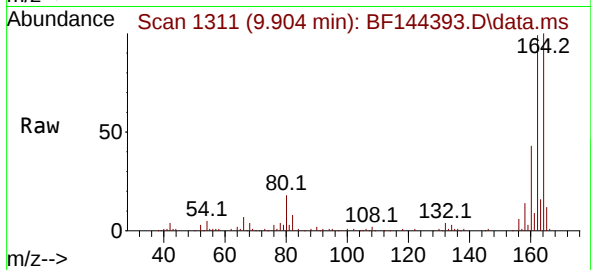
Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD



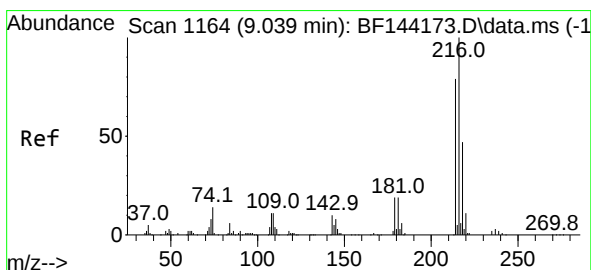
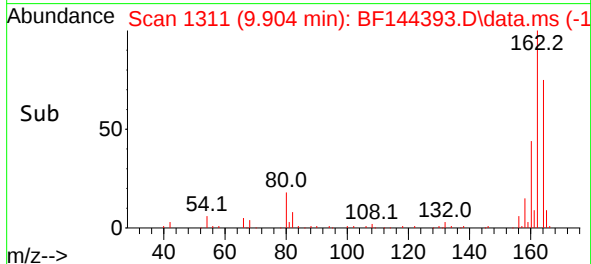
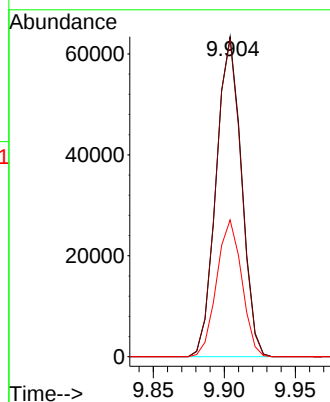
Tgt Ion:164 Resp: 78597

Ion Ratio Lower Upper

164 100

162 99.2 81.1 121.7

160 42.8 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.847 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Tgt Ion:216 Resp: 120673

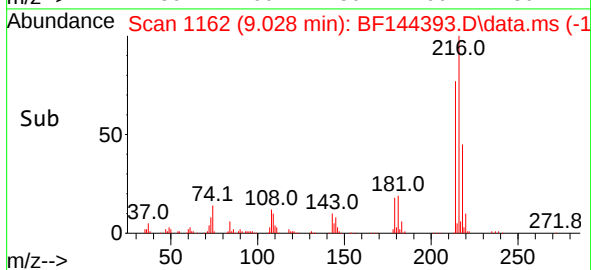
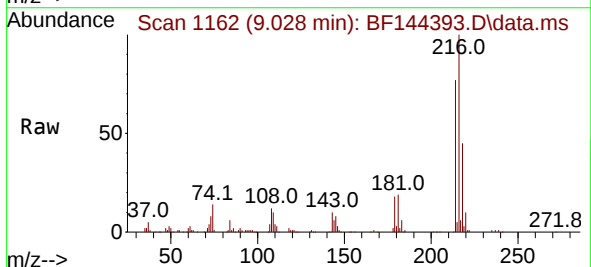
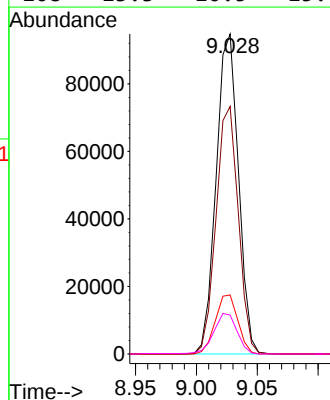
Ion Ratio Lower Upper

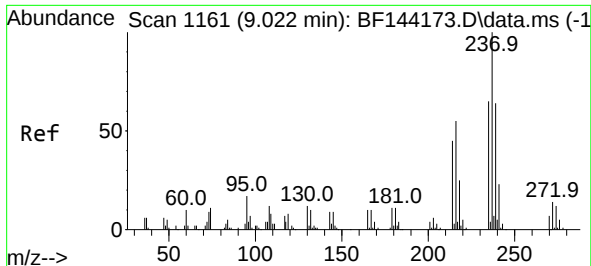
216 100

214 77.3 63.4 95.2

179 18.7 15.0 22.4

108 13.3 10.5 15.7

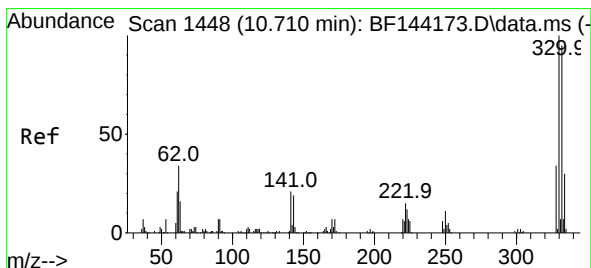
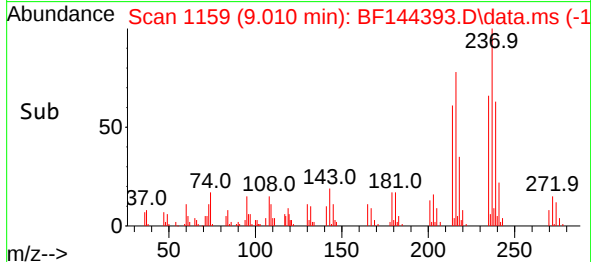
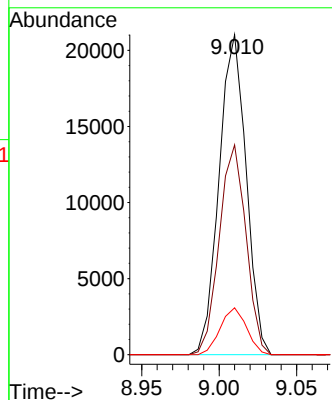
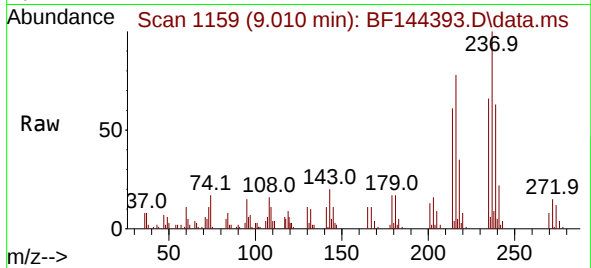




#41
Hexachlorocyclopentadiene
Concen: 34.226 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

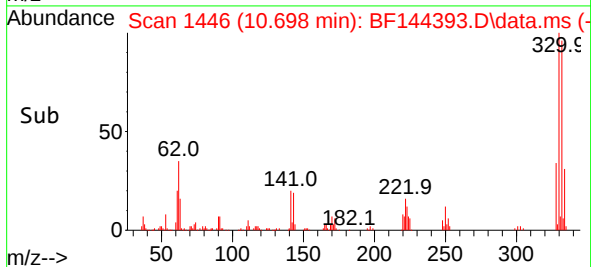
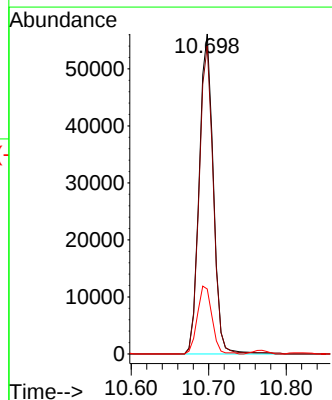
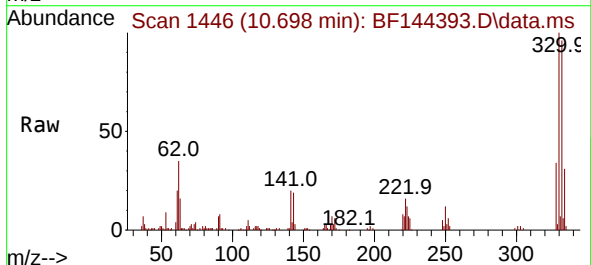
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

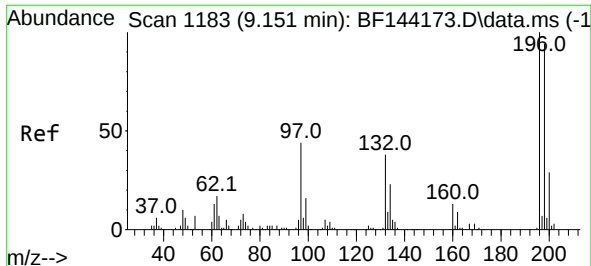
Tgt Ion:237	Resp:	25574
Ion Ratio	Lower	Upper
237	100	
235	65.6	45.5 85.5
272	14.7	0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 71.759 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:330	Resp:	70776
Ion Ratio	Lower	Upper
330	100	
332	95.9	76.7 115.1
141	22.0	17.8 26.8

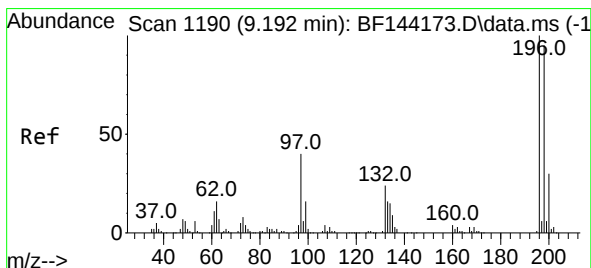
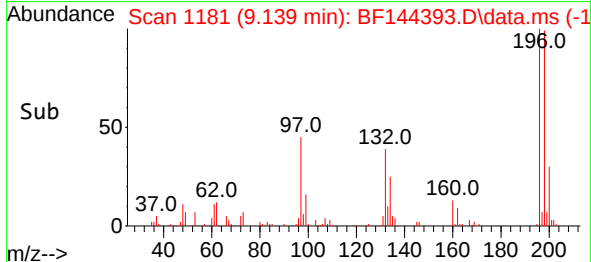
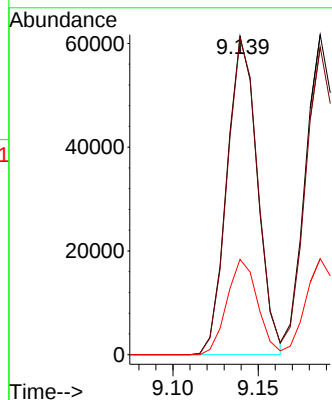
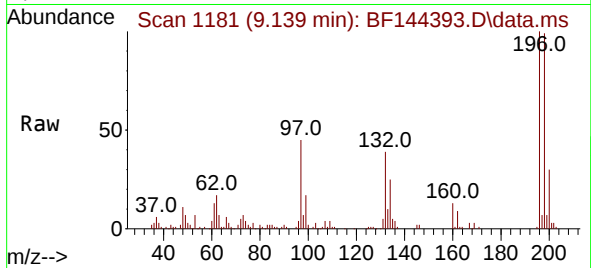




#43
2,4,6-Trichlorophenol
Concen: 43.383 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

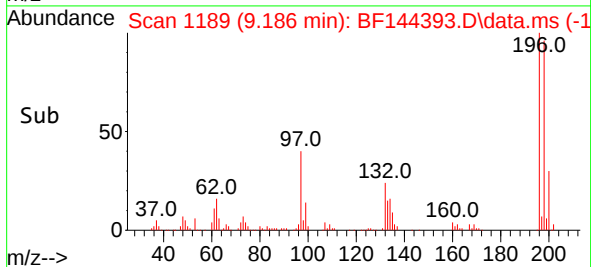
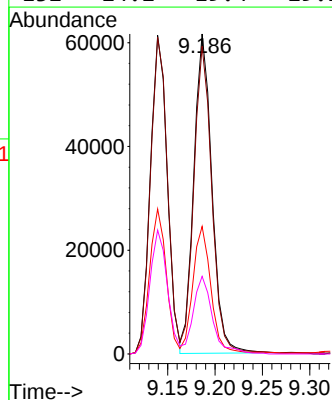
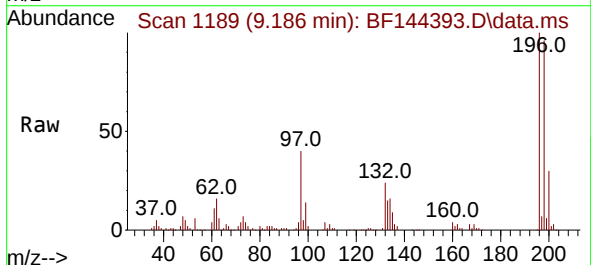
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

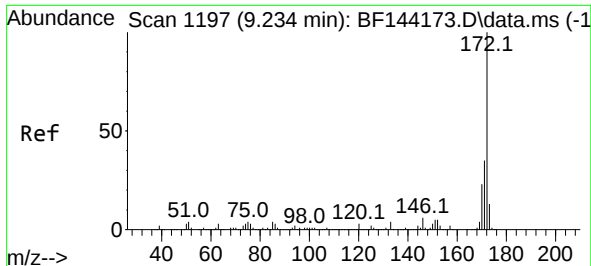
Tgt Ion:196 Resp: 76059
Ion Ratio Lower Upper
196 100
198 99.4 75.3 112.9
200 29.9 23.4 35.2



#44
2,4,5-Trichlorophenol
Concen: 43.540 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:196 Resp: 82271
Ion Ratio Lower Upper
196 100
198 96.2 76.1 114.1
97 39.8 31.9 47.9
132 24.2 19.4 29.2

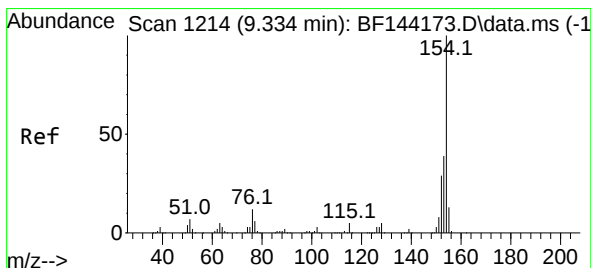
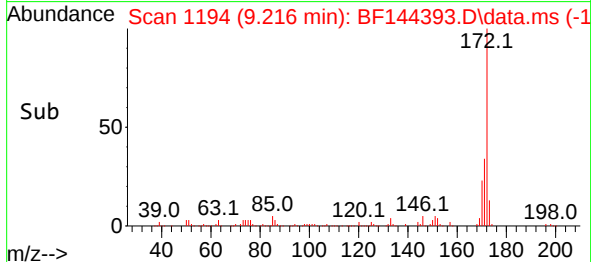
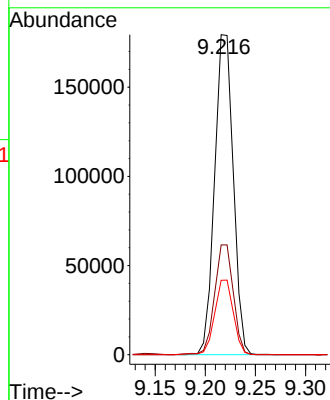
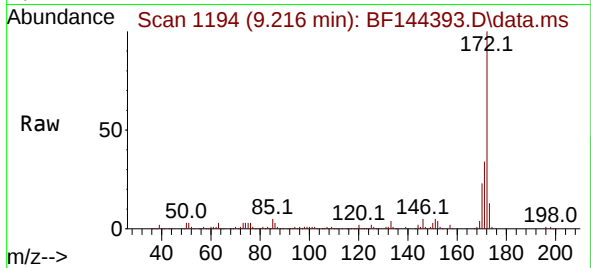




#45
2-Fluorobiphenyl
Concen: 43.583 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

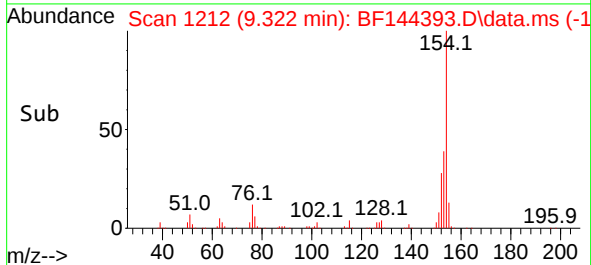
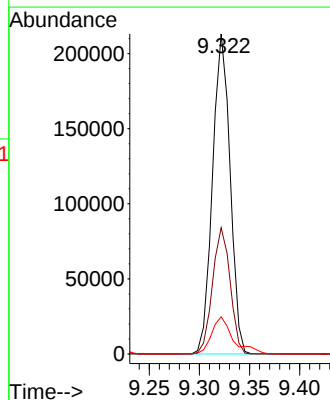
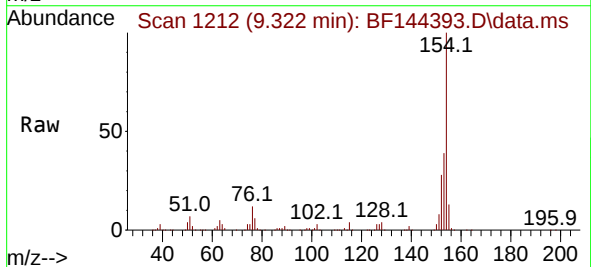
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

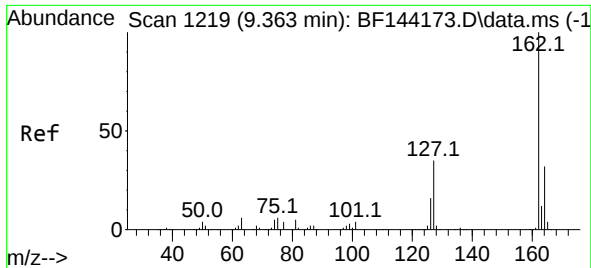
Tgt Ion:172 Resp: 231935
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.312 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:154 Resp: 259567
Ion Ratio Lower Upper
154 100
153 39.5 19.2 59.2
76 11.6 0.0 31.8





#47

2-Chloronaphthalene

Concen: 45.023 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

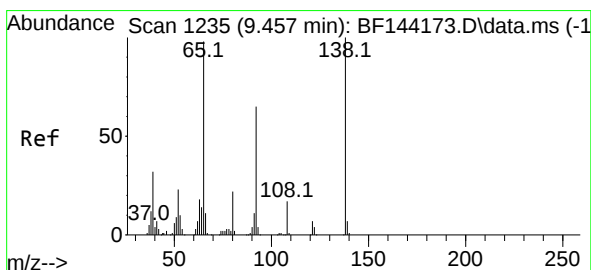
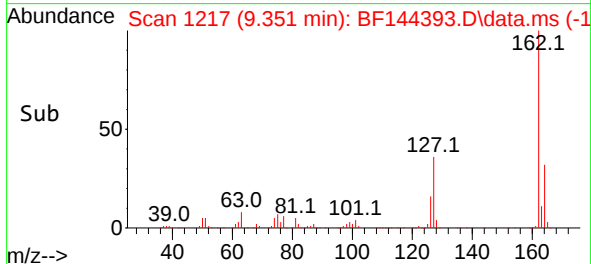
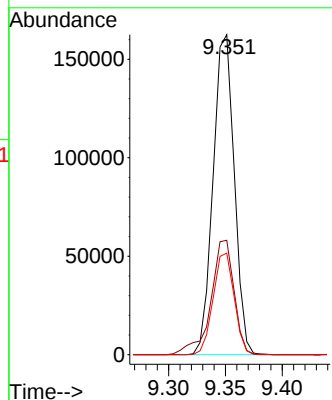
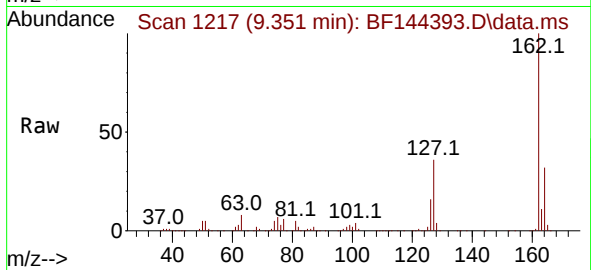
Tgt Ion:162 Resp: 210702

Ion Ratio Lower Upper

162 100

127 35.7 28.8 43.2

164 31.8 25.8 38.8



#48

2-Nitroaniline

Concen: 47.109 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

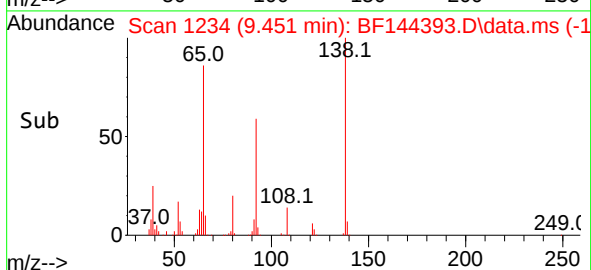
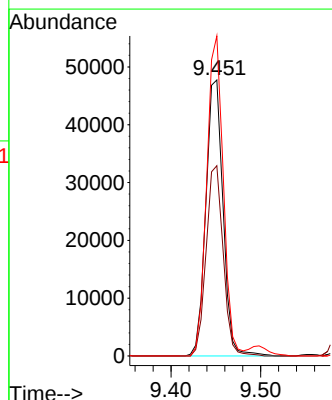
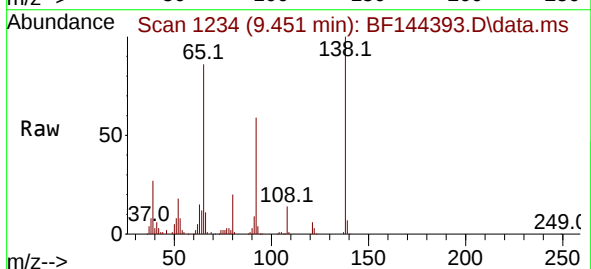
Tgt Ion: 65 Resp: 63612

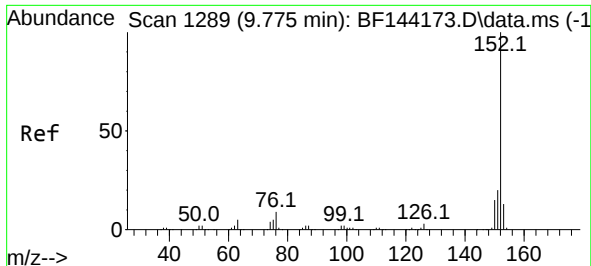
Ion Ratio Lower Upper

65 100

92 68.9 53.0 79.6

138 115.9 81.6 122.4





#49

Acenaphthylene

Concen: 51.512 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

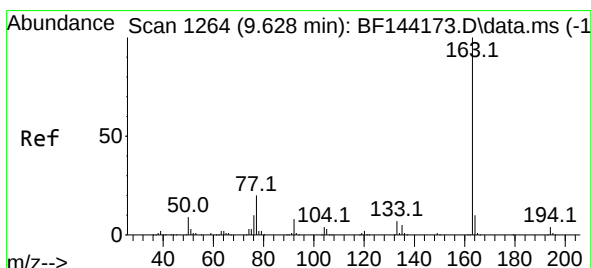
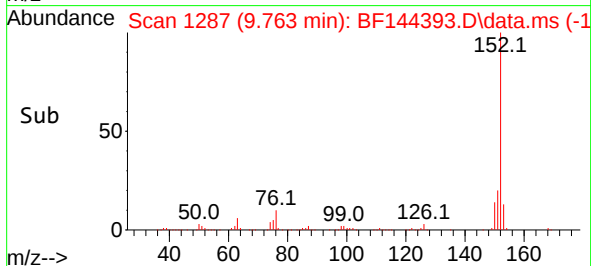
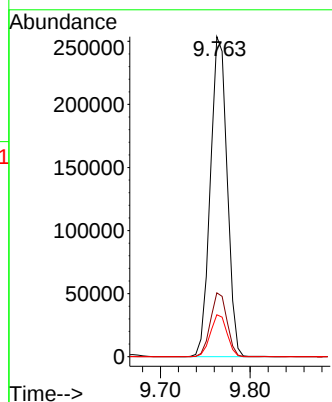
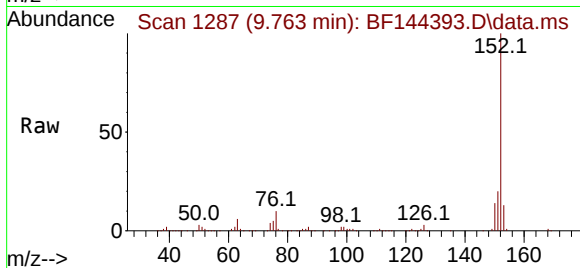
Tgt Ion:152 Resp: 328511

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 47.215 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

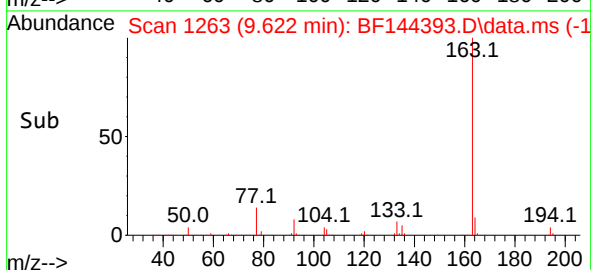
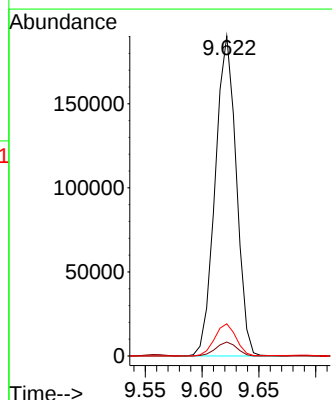
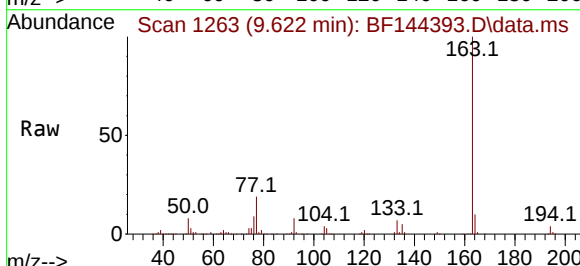
Tgt Ion:163 Resp: 245841

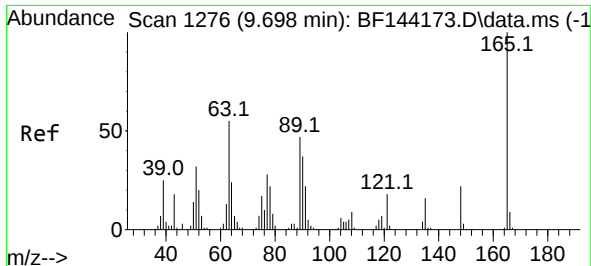
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.1 8.1 12.1

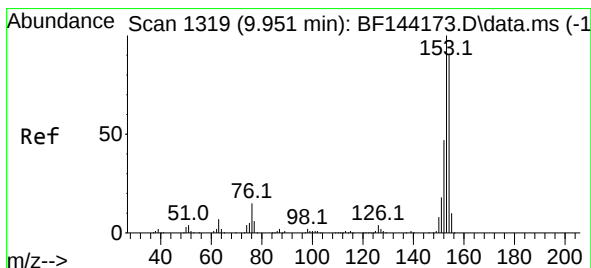
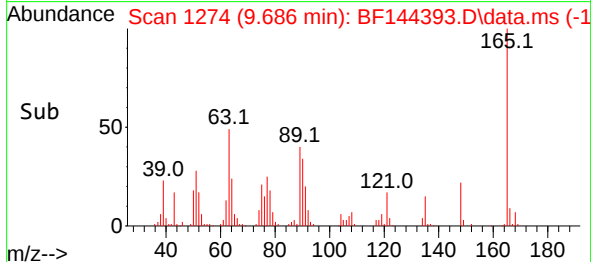
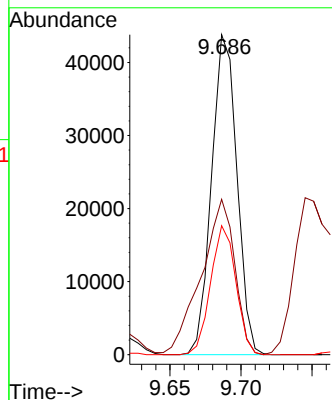
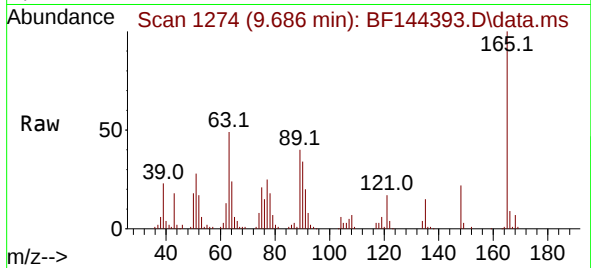




#51
2,6-Dinitrotoluene
Concen: 51.624 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

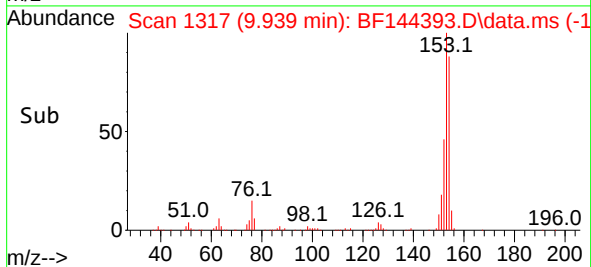
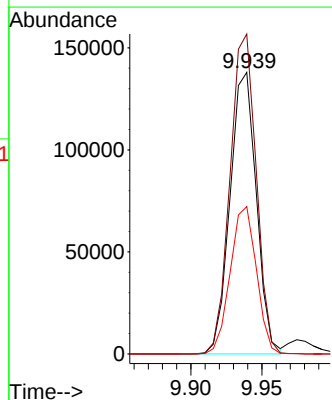
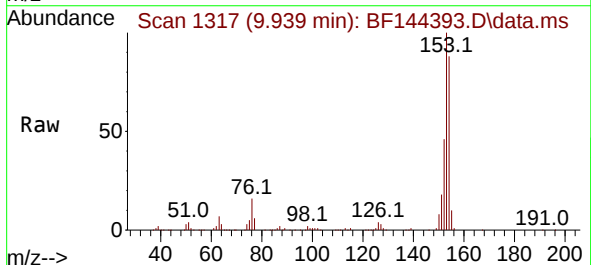
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

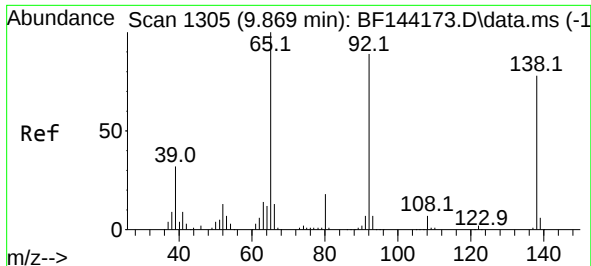
Tgt Ion:165 Resp: 54414
Ion Ratio Lower Upper
165 100
63 48.5 43.8 65.8
89 40.3 37.5 56.3



#52
Acenaphthene
Concen: 41.724 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:154 Resp: 177941
Ion Ratio Lower Upper
154 100
153 113.6 89.0 133.4
152 52.3 42.2 63.4

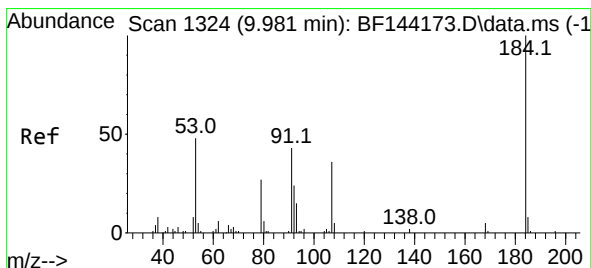
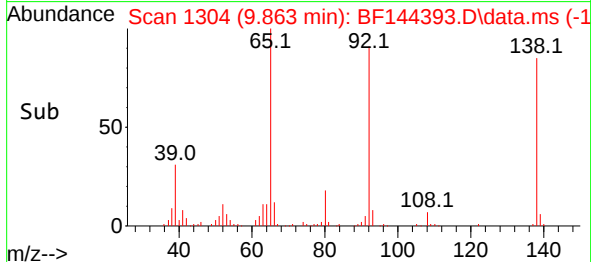
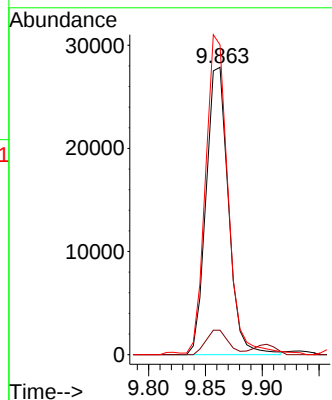
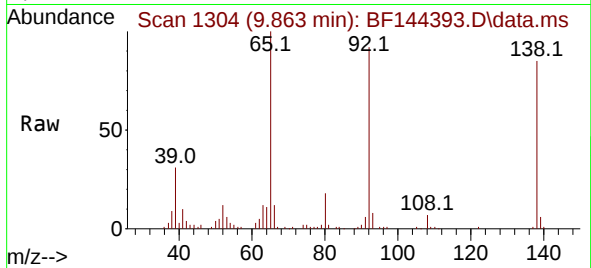




#53
3-Nitroaniline
Concen: 33.074 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

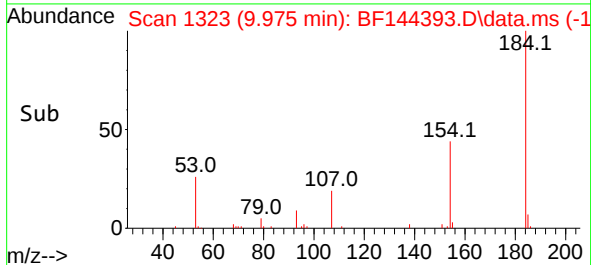
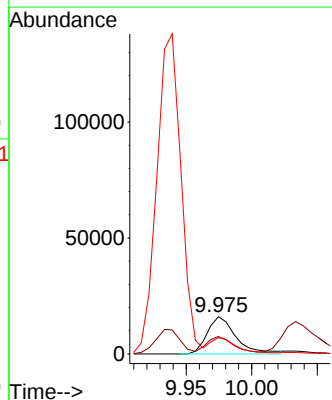
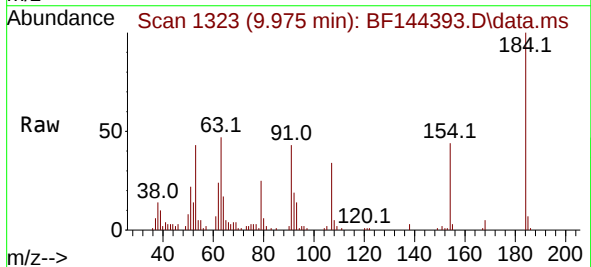
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

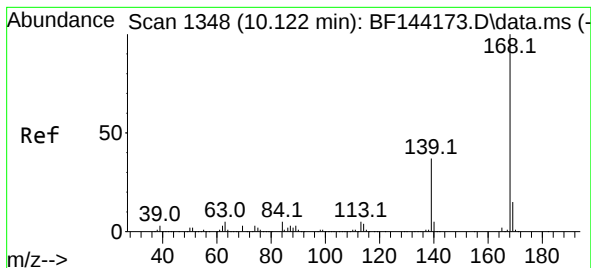
Tgt Ion:138 Resp: 38109
Ion Ratio Lower Upper
138 100
108 8.5 7.5 11.3
92 107.8 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 38.500 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:184 Resp: 24505
Ion Ratio Lower Upper
184 100
63 47.0 44.0 66.0
154 43.5 42.4 63.6





#55

Dibenzenofuran

Concen: 46.011 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

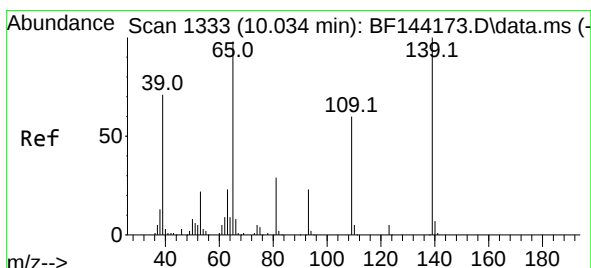
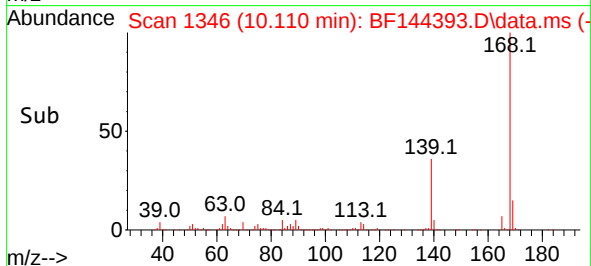
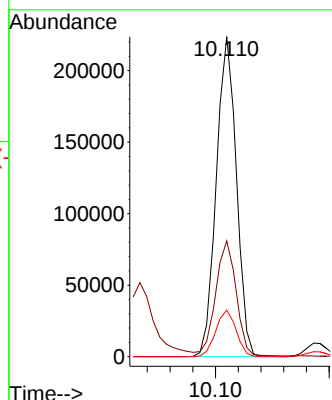
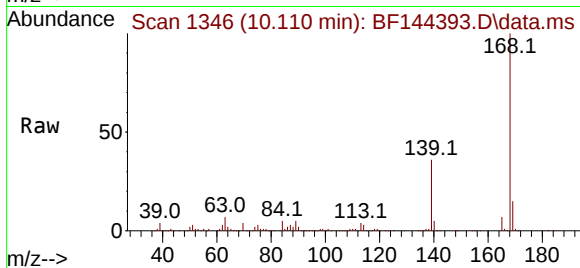
Tgt Ion:168 Resp: 274816

Ion Ratio Lower Upper

168 100

139 36.2 30.2 45.2

169 14.6 12.2 18.4



#56

4-Nitrophenol

Concen: 96.629 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

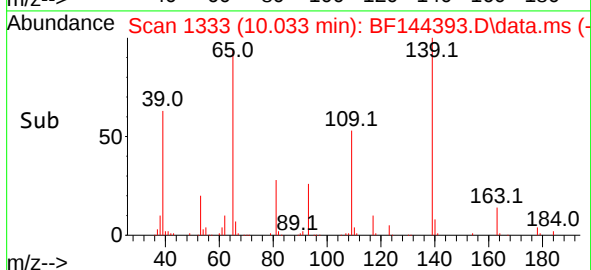
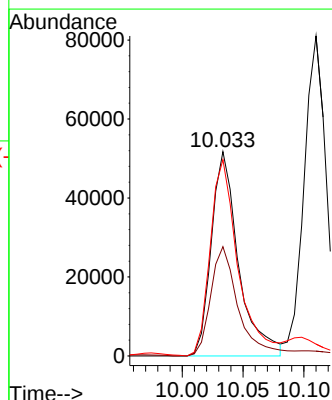
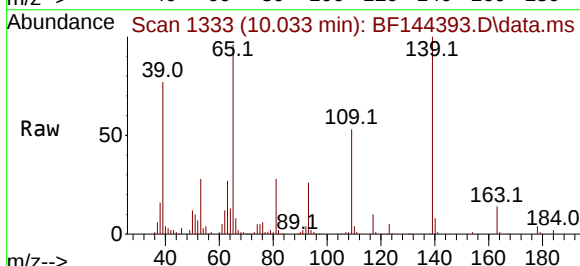
Tgt Ion:139 Resp: 80539

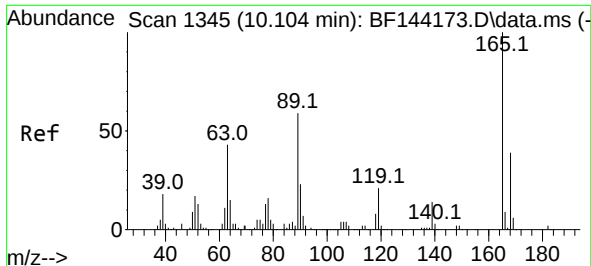
Ion Ratio Lower Upper

139 100

109 53.4 39.9 79.9

65 96.1 79.5 119.5

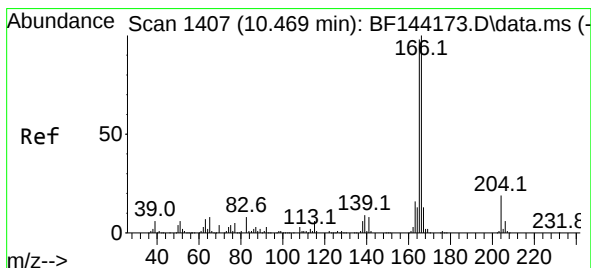
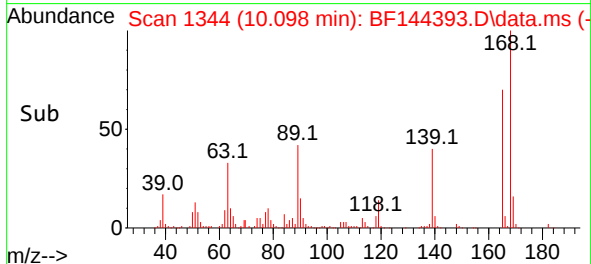
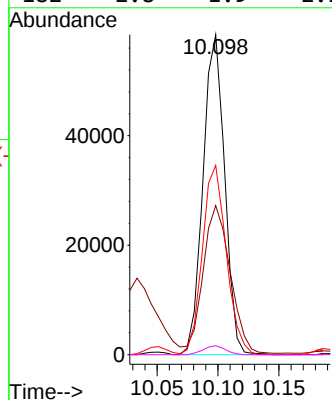
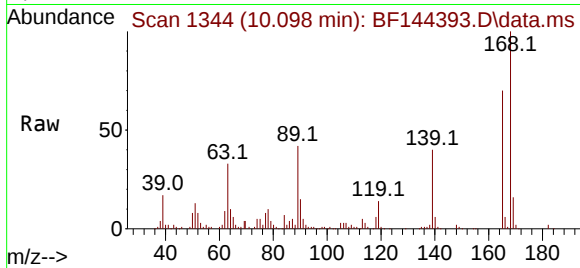




#57
2,4-Dinitrotoluene
Concen: 51.169 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

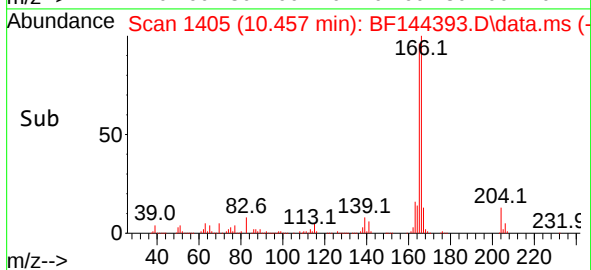
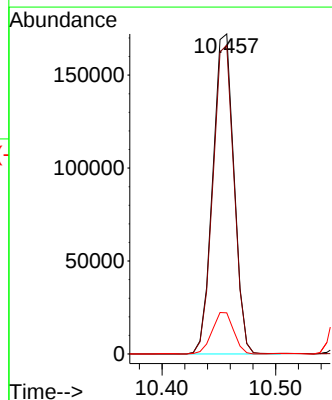
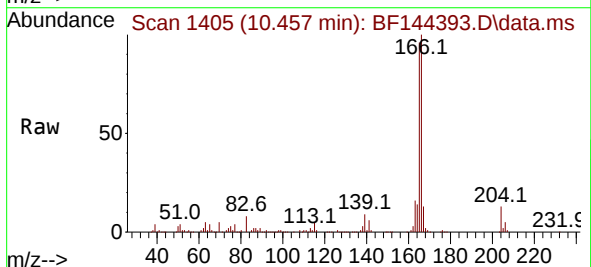
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

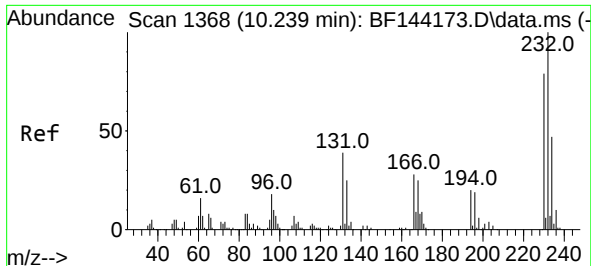
Tgt Ion:165 Resp: 72202
Ion Ratio Lower Upper
165 100
63 46.6 35.5 53.3
89 59.1 47.4 71.2
182 2.8 1.9 2.9



#58
Fluorene
Concen: 49.185 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:166 Resp: 223358
Ion Ratio Lower Upper
166 100
165 96.4 78.6 118.0
167 12.8 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.207 ng

RT: 10.233 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

Tgt Ion:232 Resp: 64446

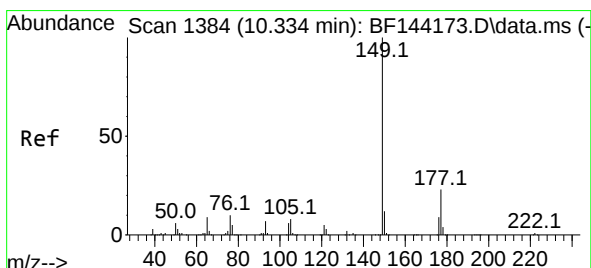
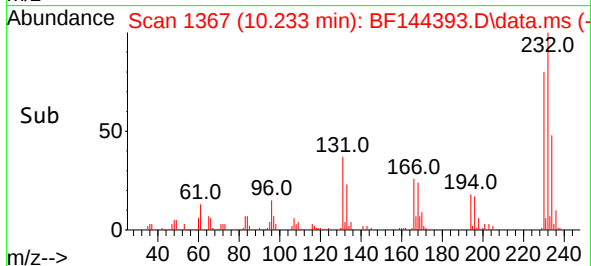
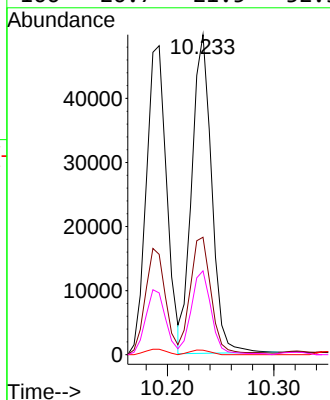
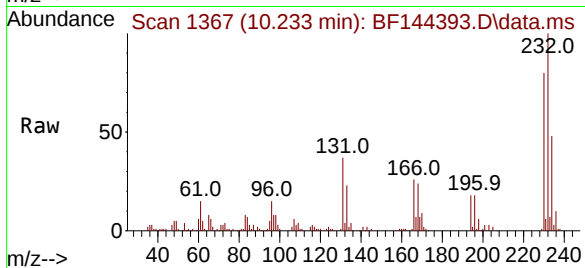
Ion Ratio Lower Upper

232 100

131 38.1 30.3 45.5

130 1.5 1.2 1.8

166 26.7 21.5 32.3



#60

Diethylphthalate

Concen: 47.976 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

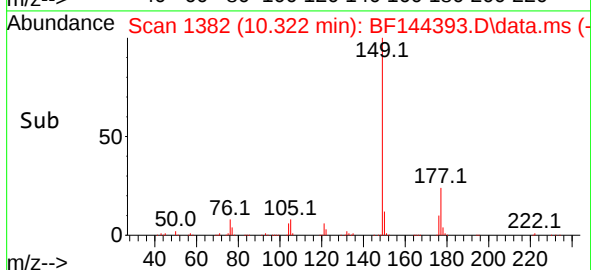
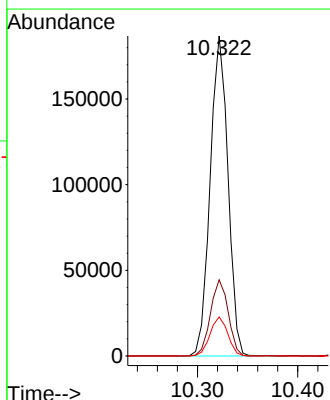
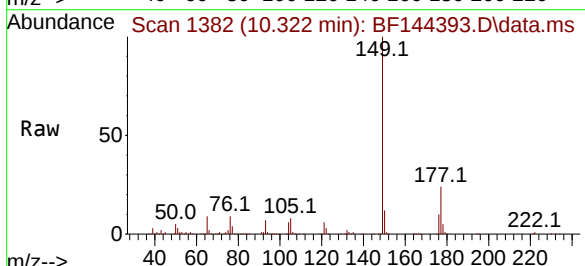
Tgt Ion:149 Resp: 230285

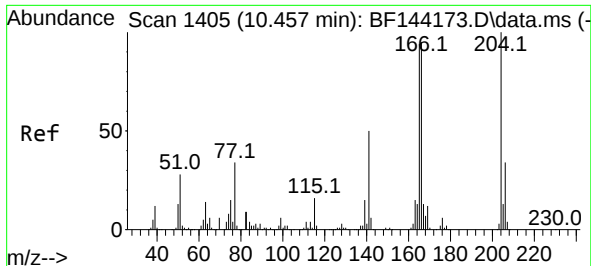
Ion Ratio Lower Upper

149 100

177 23.8 18.3 27.5

150 12.2 9.8 14.6

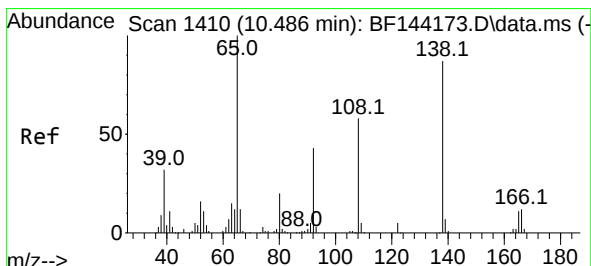
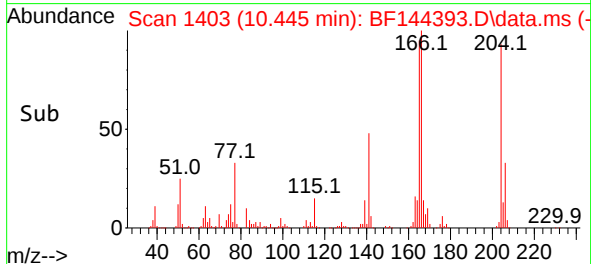
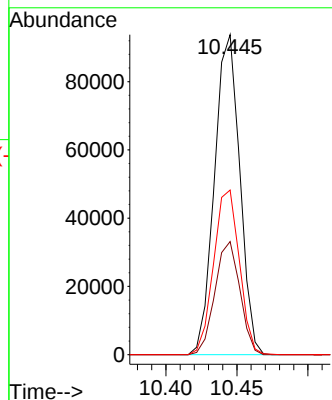
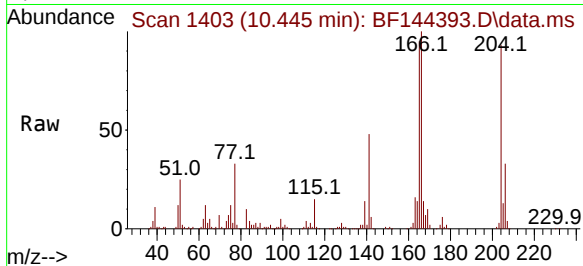




#61
4-Chlorophenyl-phenylether
Concen: 44.888 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

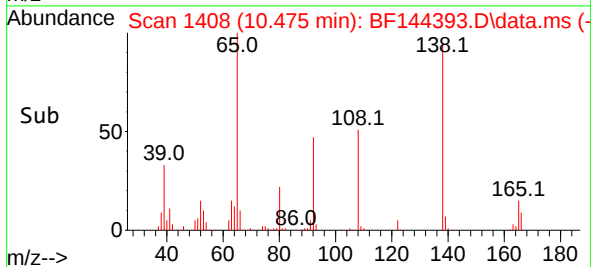
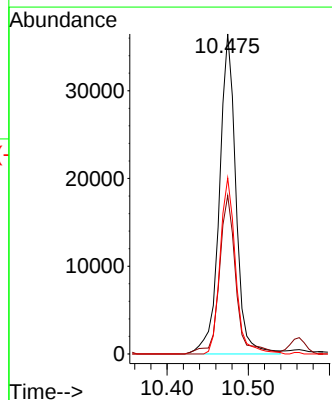
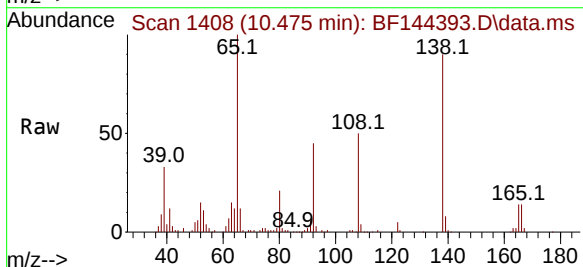
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

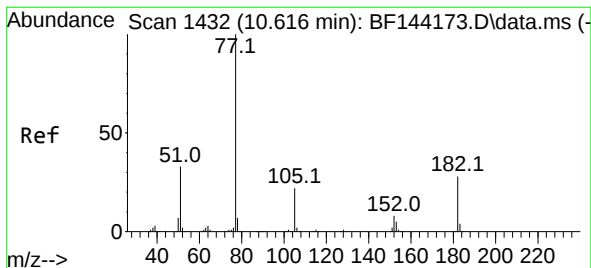
Tgt Ion:204 Resp: 116115
Ion Ratio Lower Upper
204 100
206 35.4 27.4 41.2
141 51.5 40.0 60.0



#62
4-Nitroaniline
Concen: 47.105 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:138 Resp: 51688
Ion Ratio Lower Upper
138 100
92 49.5 29.4 69.4
108 55.0 46.4 86.4





#63

Azobenzene

Concen: 51.900 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

Tgt Ion: 77 Resp: 231848

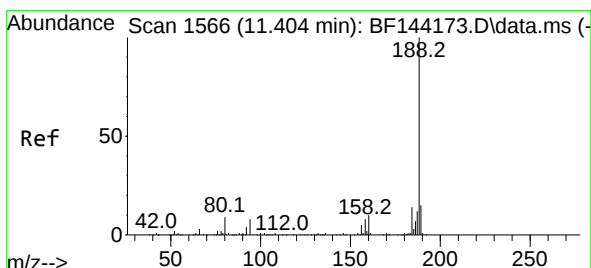
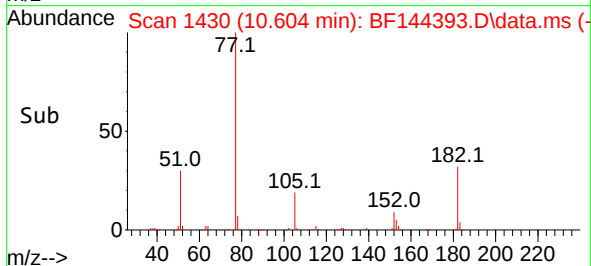
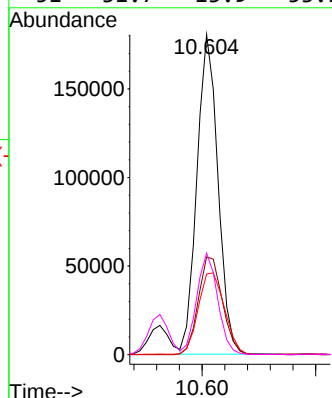
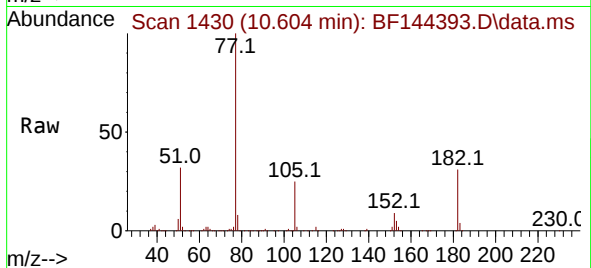
Ion Ratio Lower Upper

77 100

182 30.5 8.1 48.1

105 25.2 2.0 42.0

51 31.7 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

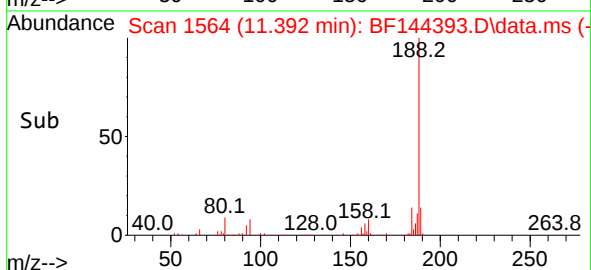
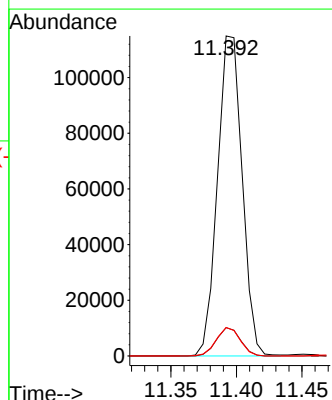
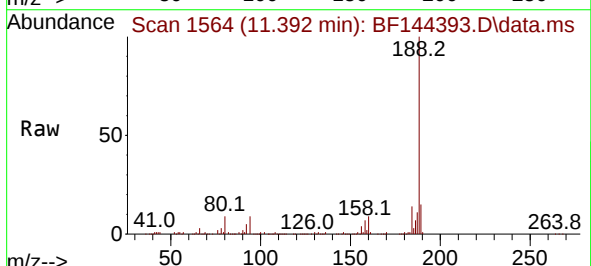
Tgt Ion: 188 Resp: 150269

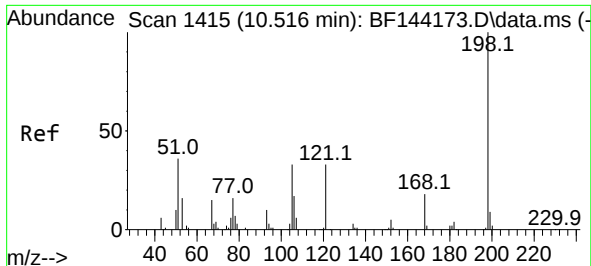
Ion Ratio Lower Upper

188 100

94 8.9 6.2 9.2

80 8.9 6.9 10.3

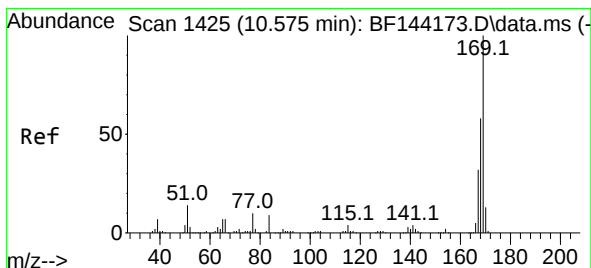
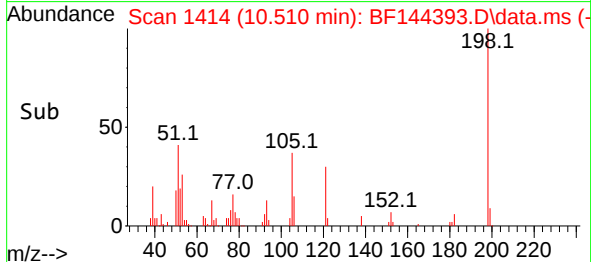
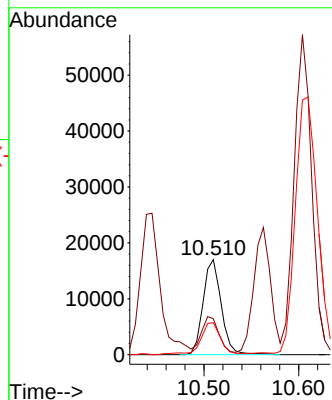
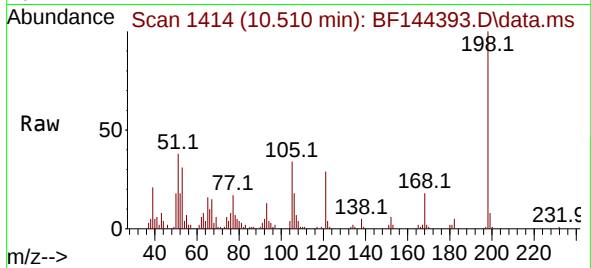




#65
4,6-Dinitro-2-methylphenol
Concen: 22.130 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

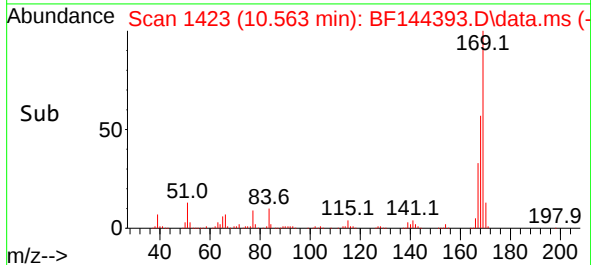
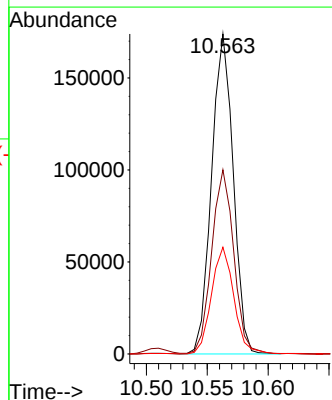
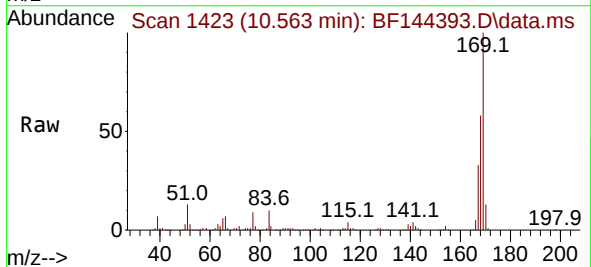
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

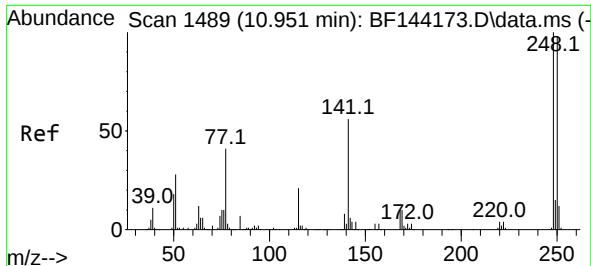
Tgt Ion:198 Resp: 22591
Ion Ratio Lower Upper
198 100
51 37.9 25.6 65.6
105 33.7 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.547 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:169 Resp: 215296
Ion Ratio Lower Upper
169 100
168 57.6 46.2 69.2
167 33.3 25.7 38.5

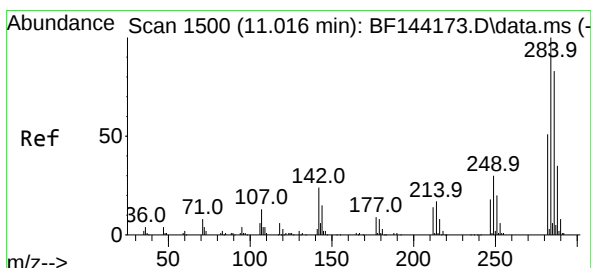
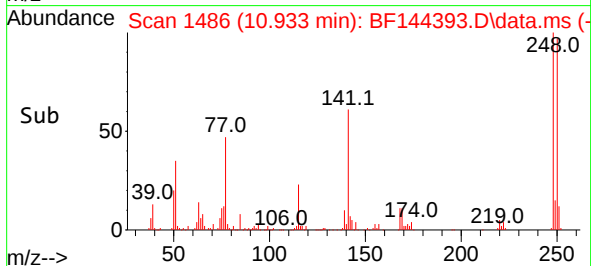
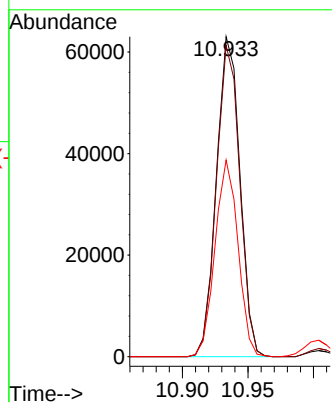
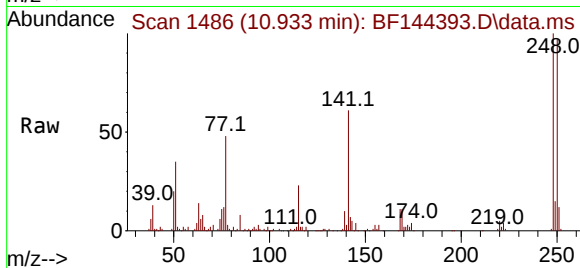




#67
4-Bromophenyl-phenylether
Concen: 41.033 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

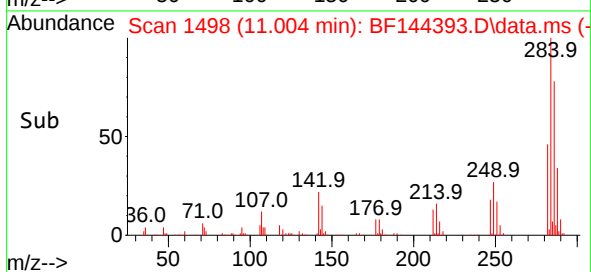
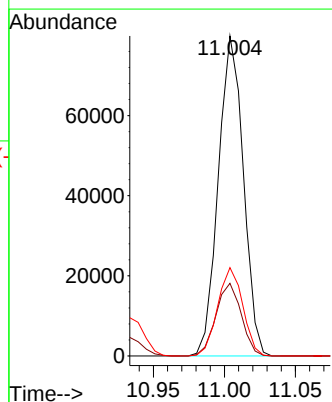
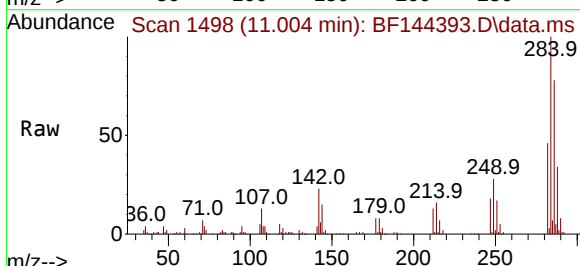
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

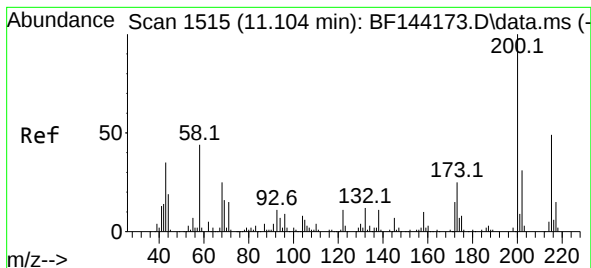
Tgt Ion:248 Resp: 78703
Ion Ratio Lower Upper
248 100
250 97.3 78.4 117.6
141 61.5 45.1 67.7



#68
Hexachlorobenzene
Concen: 43.344 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:284 Resp: 97923
Ion Ratio Lower Upper
284 100
142 22.7 19.2 28.8
249 27.6 23.8 35.8





#69

Atrazine

Concen: 49.606 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

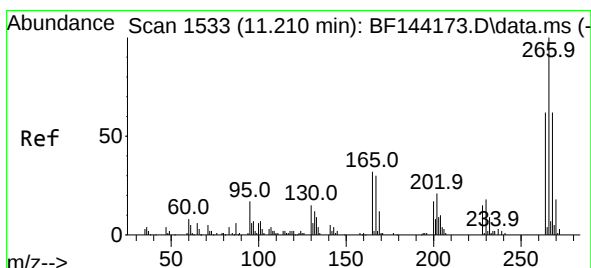
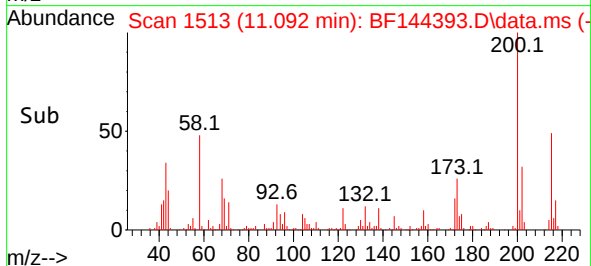
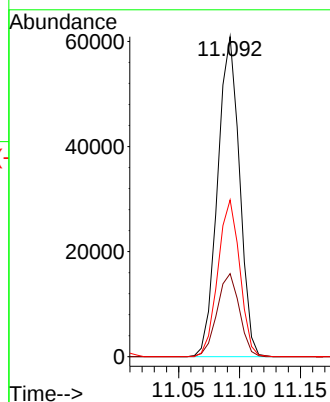
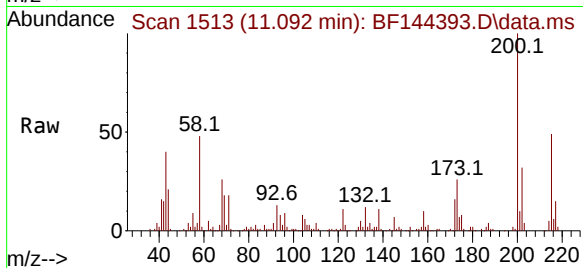
Tgt Ion:200 Resp: 76246

Ion Ratio Lower Upper

200 100

173 26.0 5.0 45.0

215 49.0 28.7 68.7



#70

Pentachlorophenol

Concen: 99.239 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

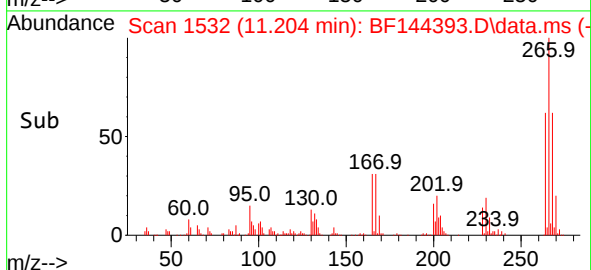
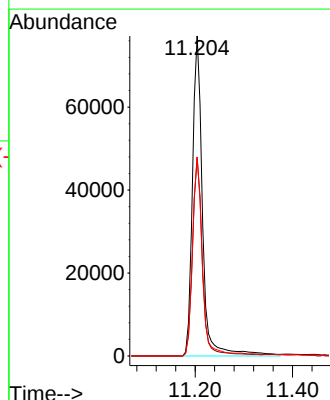
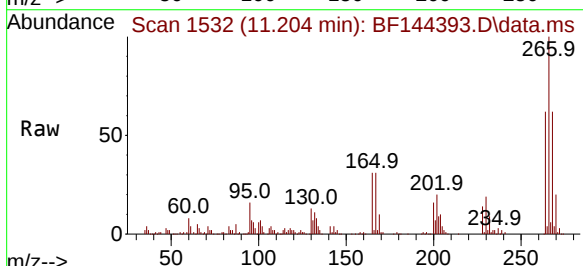
Tgt Ion:266 Resp: 111644

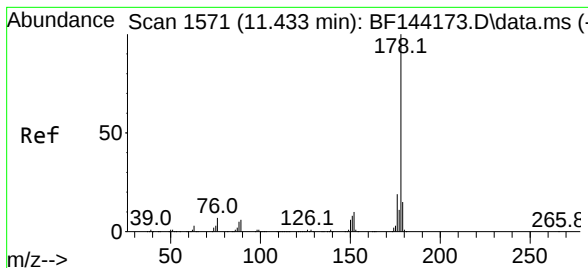
Ion Ratio Lower Upper

266 100

268 61.9 49.5 74.3

264 62.2 49.4 74.2





#71

Phenanthrene

Concen: 47.896 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

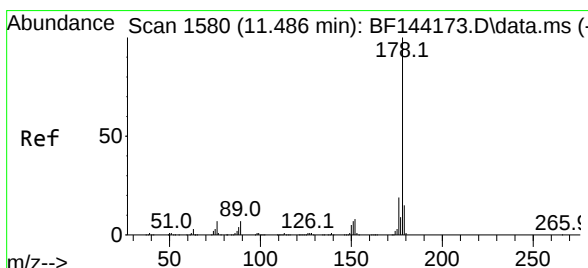
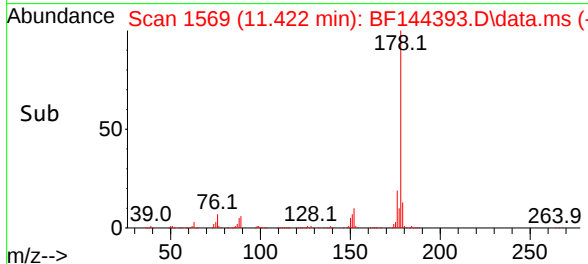
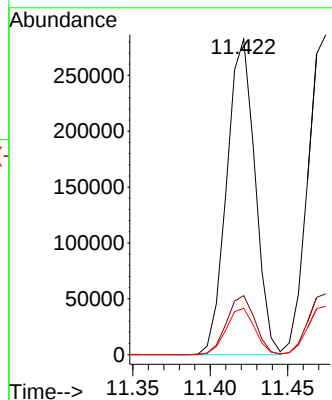
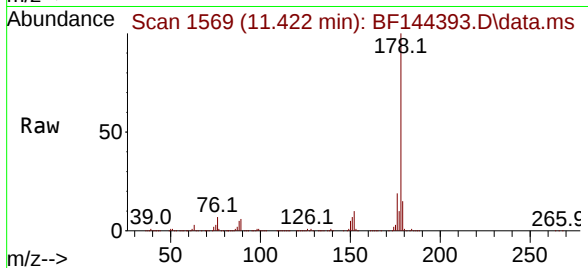
Tgt Ion:178 Resp: 358342

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 14.7 12.2 18.4



#72

Anthracene

Concen: 48.766 ng

RT: 11.475 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

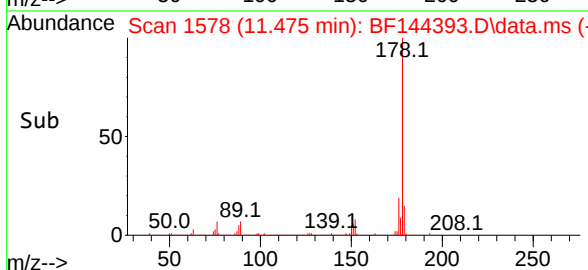
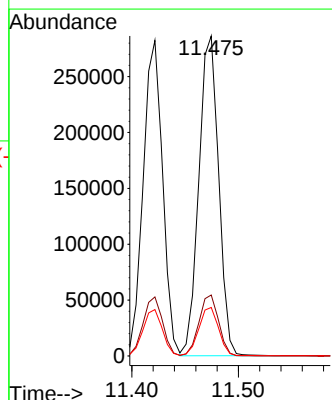
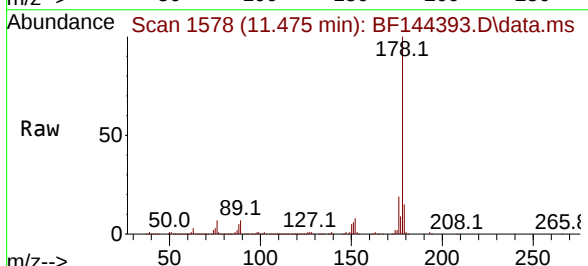
Tgt Ion:178 Resp: 370992

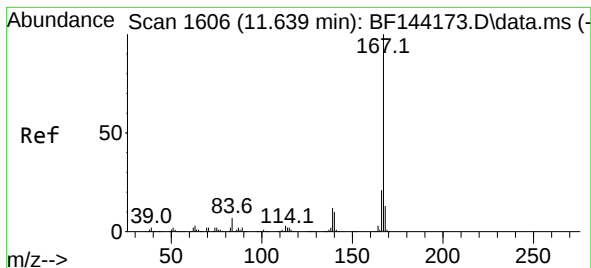
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.2 12.0 18.0





#73

Carbazole

Concen: 52.995 ng

RT: 11.627 min Scan# 1604

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

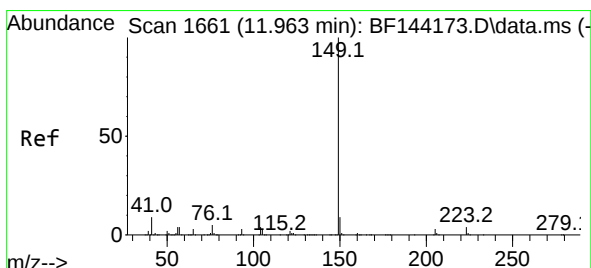
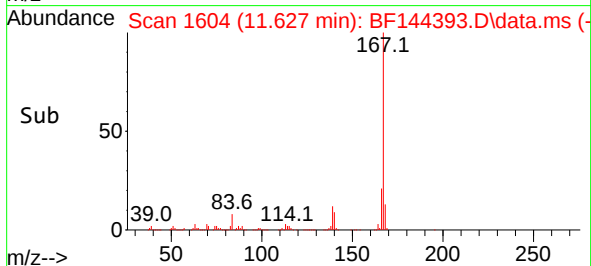
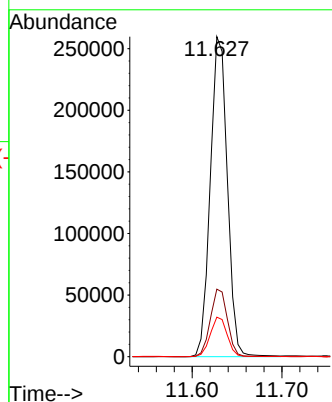
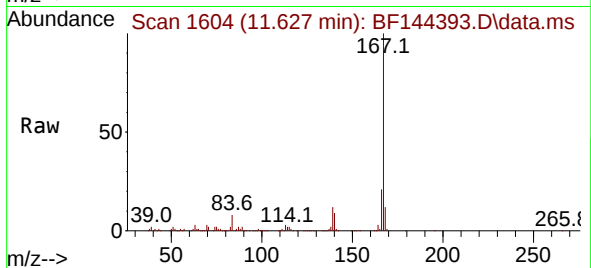
Tgt Ion:167 Resp: 342822

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 12.4 9.9 14.9



#74

Di-n-butylphthalate

Concen: 53.455 ng

RT: 11.951 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

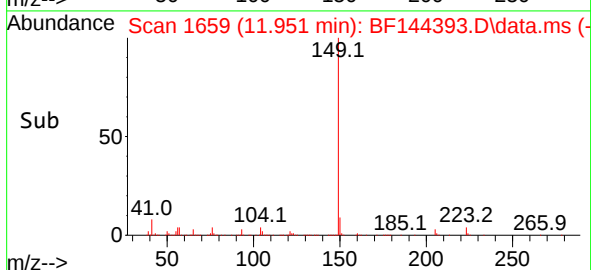
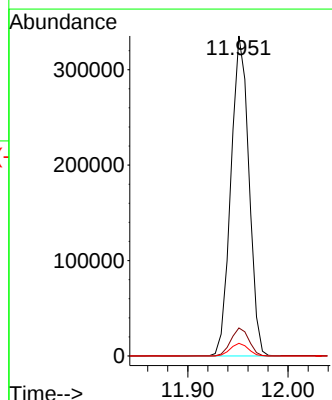
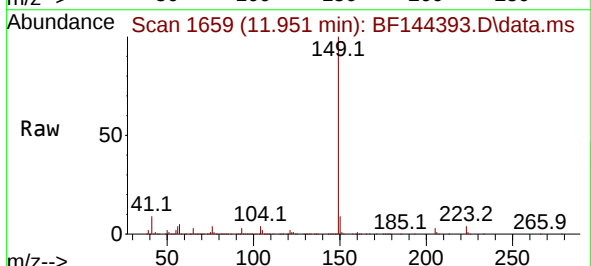
Tgt Ion:149 Resp: 418032

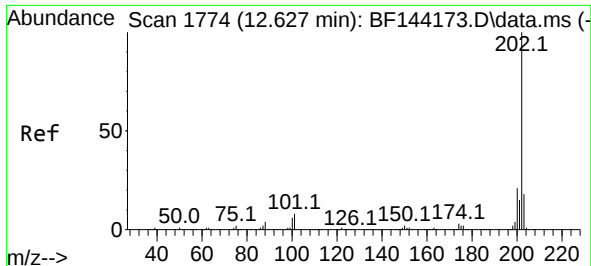
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 4.0 3.4 5.2

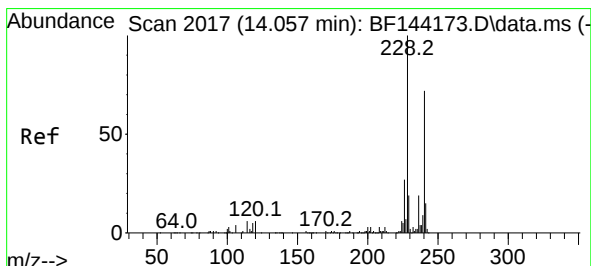
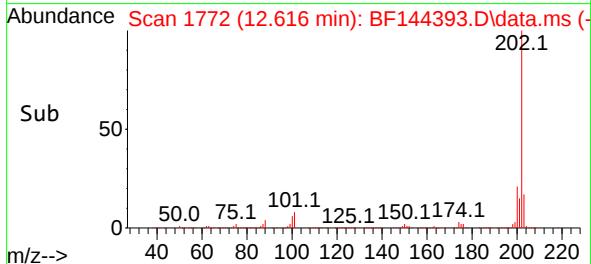
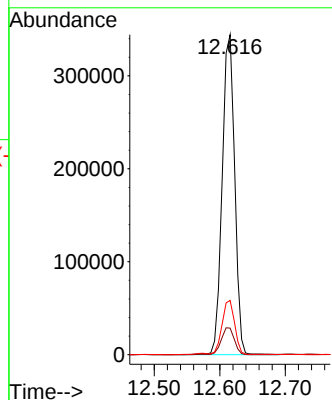
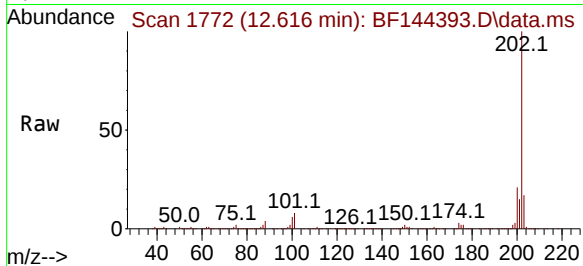




#75
Fluoranthene
Concen: 58.720 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

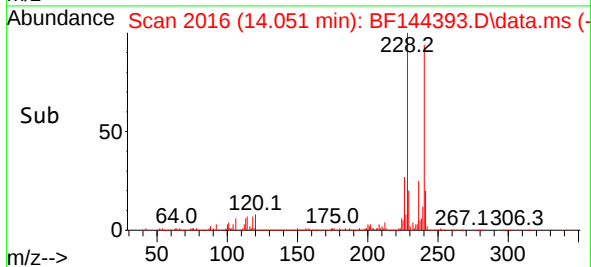
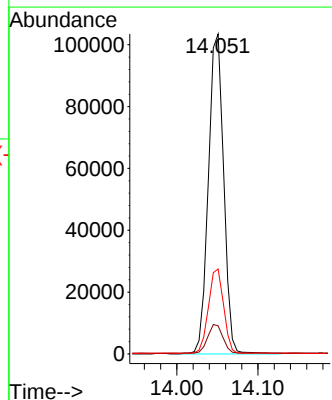
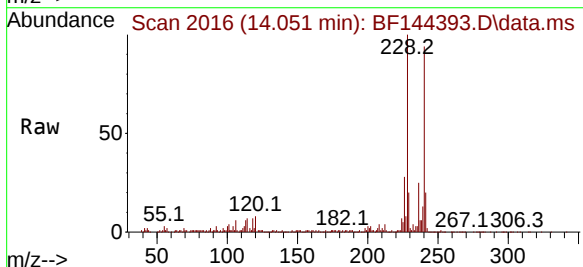
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

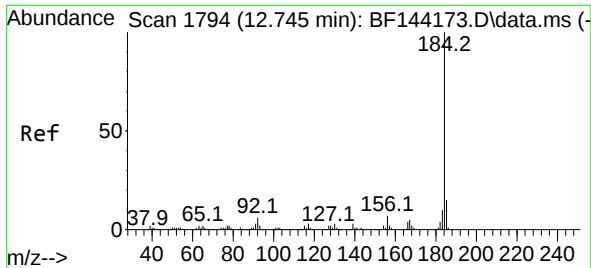
Tgt Ion:202 Resp: 453822
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.9
203 17.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:240 Resp: 135484
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 26.5 21.4 32.2

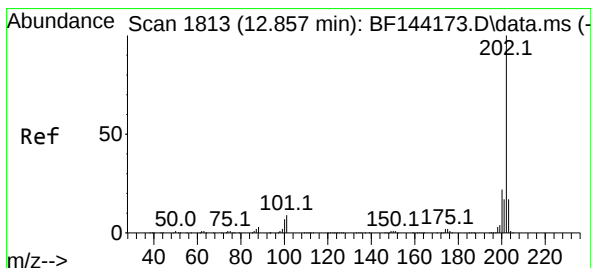
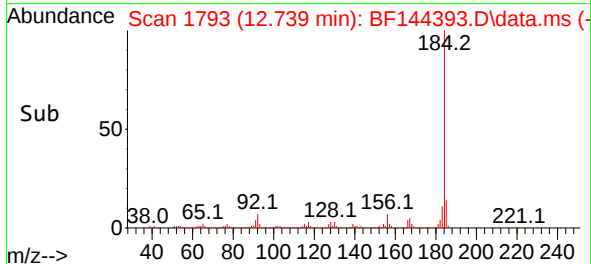
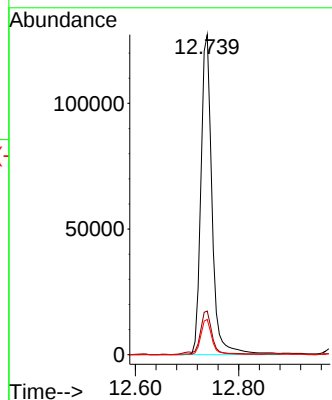
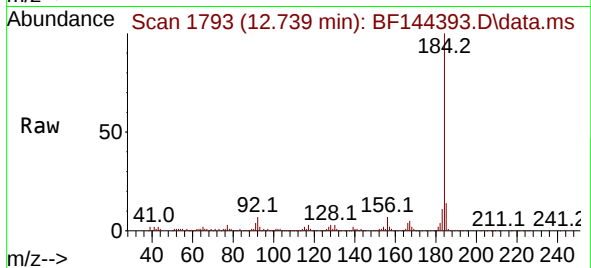




#77
Benzidine
Concen: 47.446 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

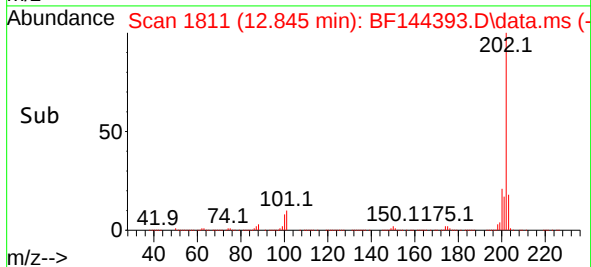
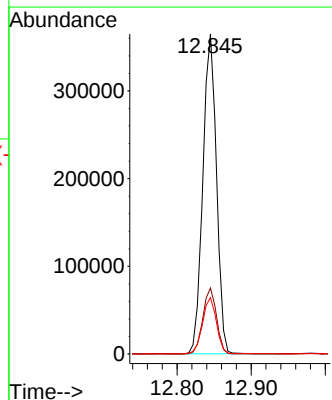
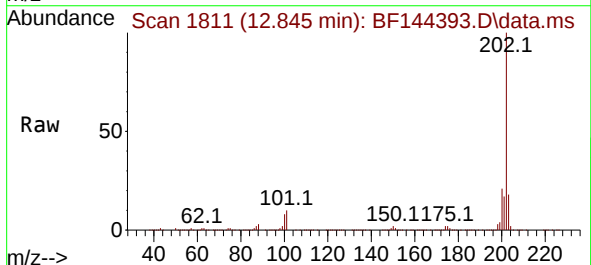
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

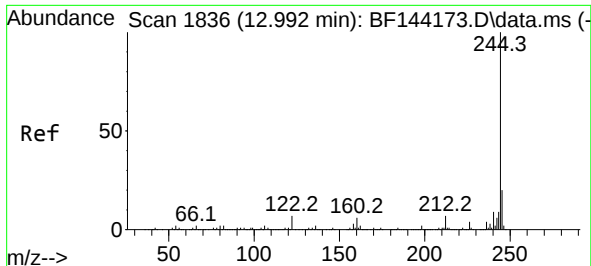
Tgt Ion:184 Resp: 190139
Ion Ratio Lower Upper
184 100
185 13.7 11.7 17.5
183 11.0 8.3 12.5



#78
Pyrene
Concen: 42.797 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:202 Resp: 467510
Ion Ratio Lower Upper
202 100
200 20.6 17.2 25.8
203 17.6 13.7 20.5

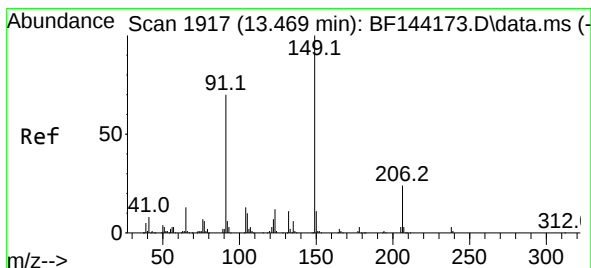
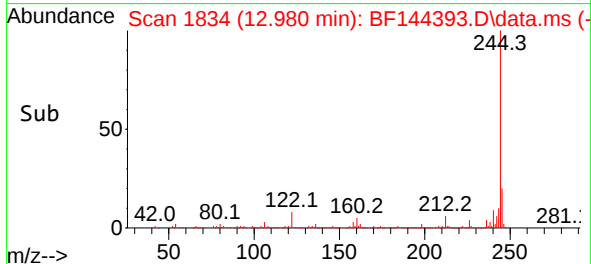
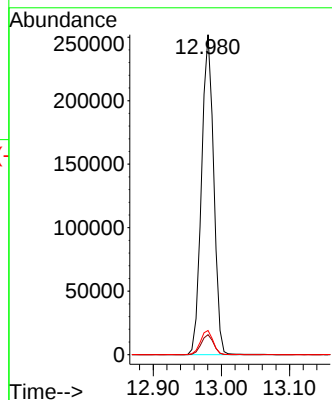
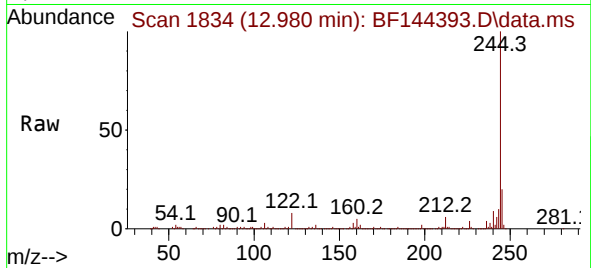




#79
 Terphenyl-d14
 Concen: 36.700 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144393.D
 Acq: 01 Dec 2025 18:12

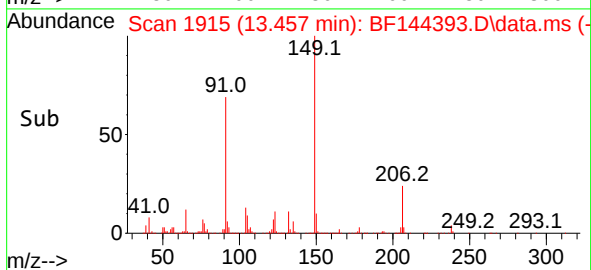
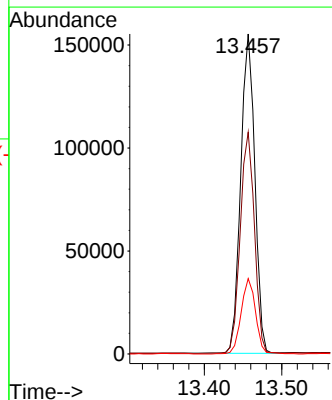
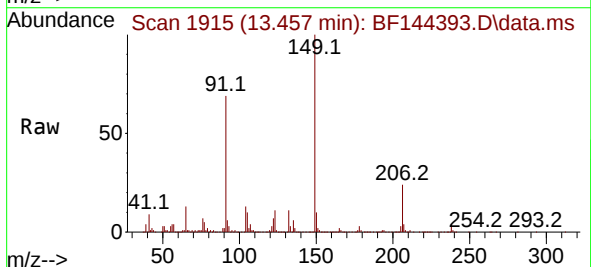
Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625MSD

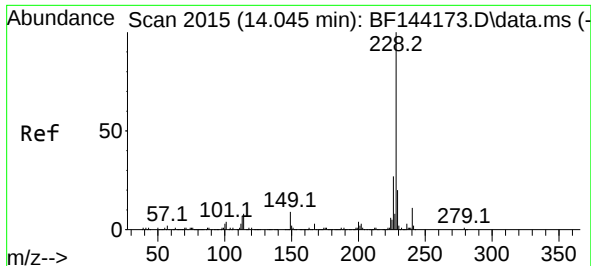
Tgt Ion:244 Resp: 313031
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 7.6 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 51.810 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144393.D
 Acq: 01 Dec 2025 18:12

Tgt Ion:149 Resp: 196159
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.1 84.1
 206 23.5 18.8 28.2

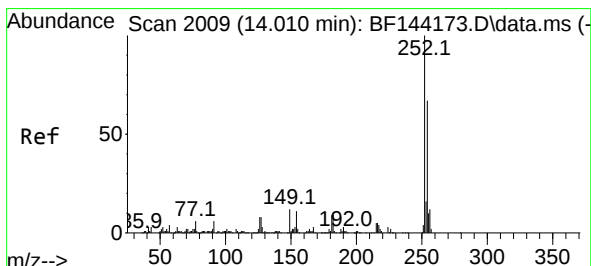
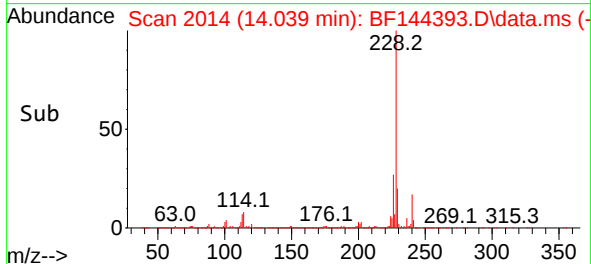
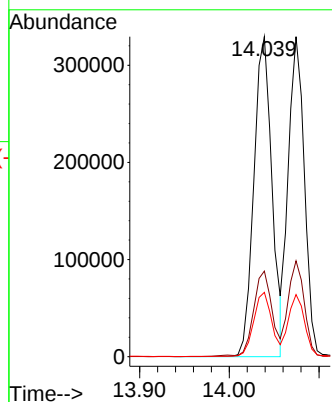
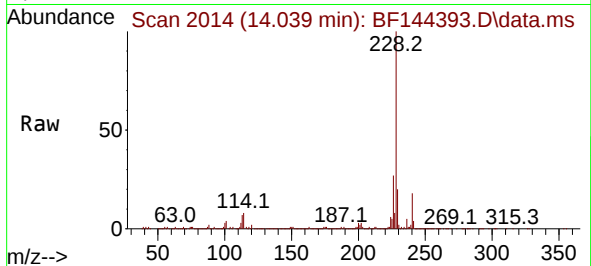




#81
Benzo(a)anthracene
Concen: 49.196 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

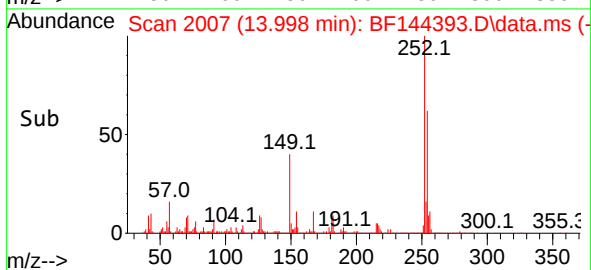
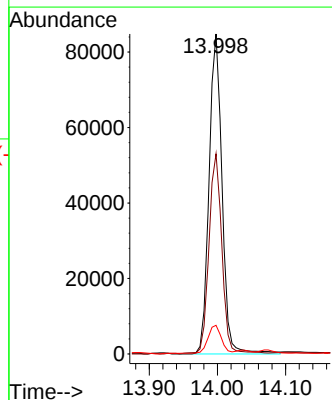
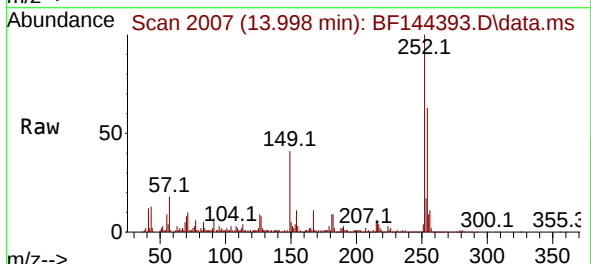
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

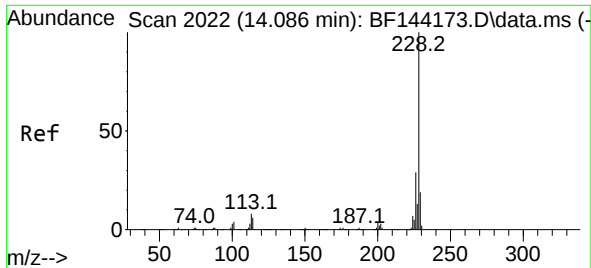
Tgt Ion:228 Resp: 461954
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.137 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:252 Resp: 113093
Ion Ratio Lower Upper
252 100
254 62.6 53.5 80.3
126 8.9 6.4 9.6





#83

Chrysene

Concen: 46.976 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

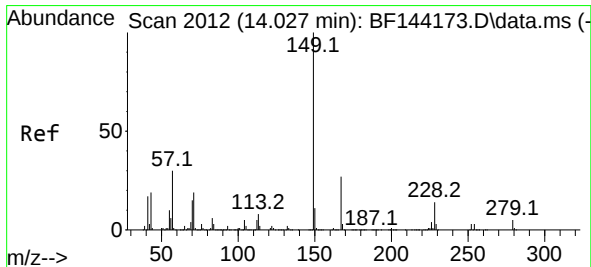
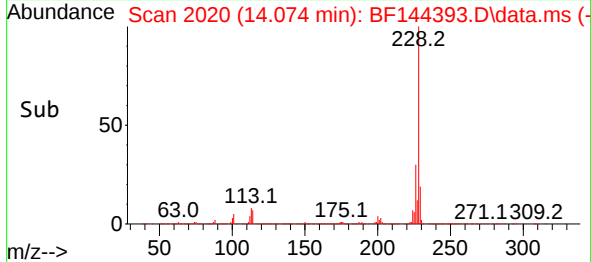
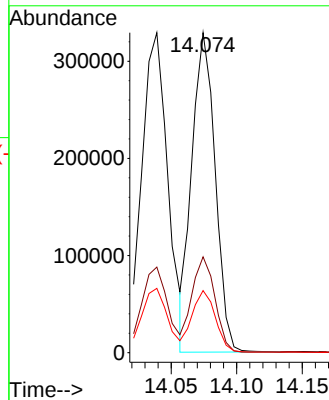
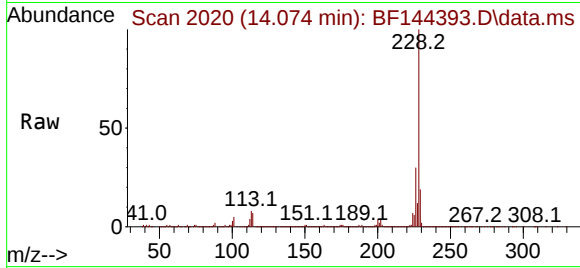
Tgt Ion:228 Resp: 407199

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.480 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

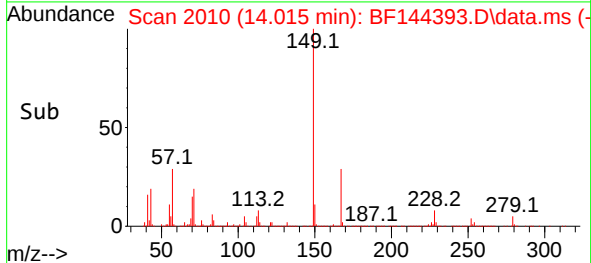
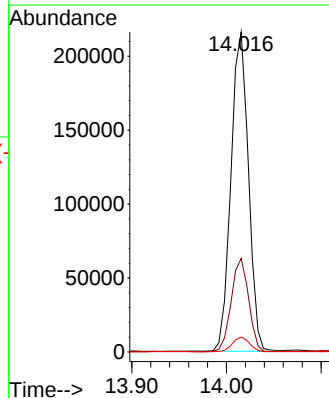
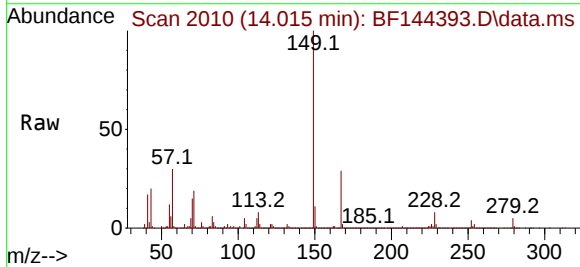
Tgt Ion:149 Resp: 277186

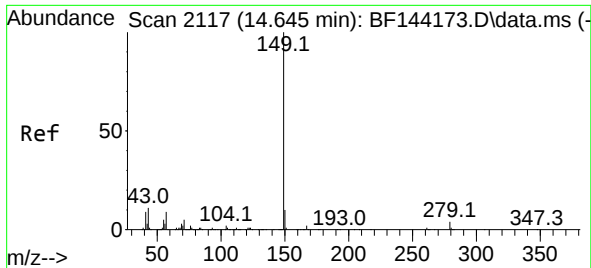
Ion Ratio Lower Upper

149 100

167 29.3 21.8 32.8

279 4.7 3.7 5.5

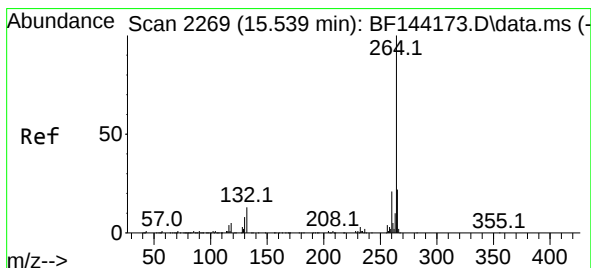
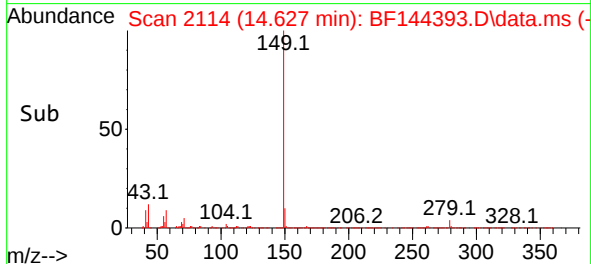
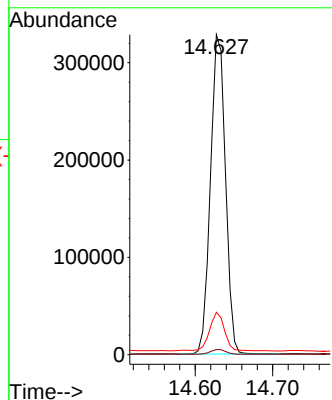
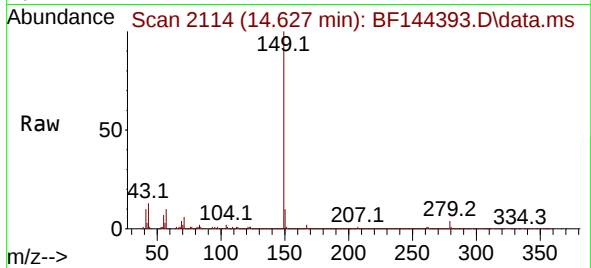




#85
Di-n-octyl phthalate
Concen: 49.393 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

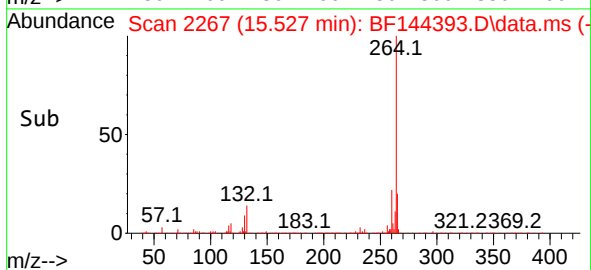
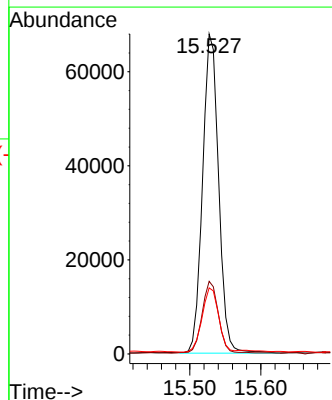
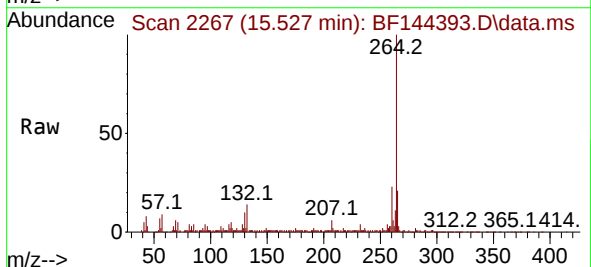
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

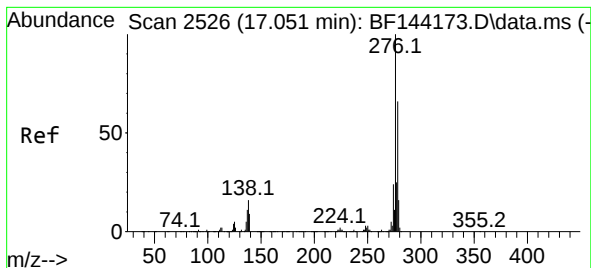
Tgt Ion:149 Resp: 441688
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144393.D
Acq: 01 Dec 2025 18:12

Tgt Ion:264 Resp: 106852
Ion Ratio Lower Upper
264 100
260 22.7 17.1 25.7
265 20.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.186 ng

RT: 17.039 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

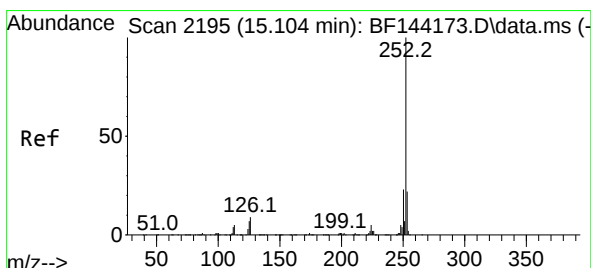
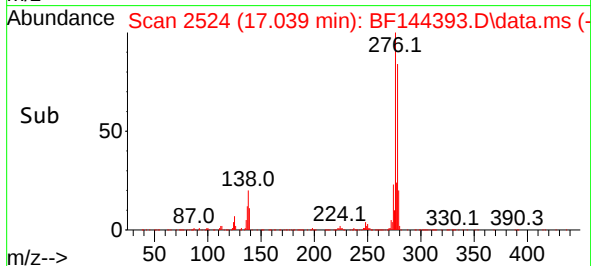
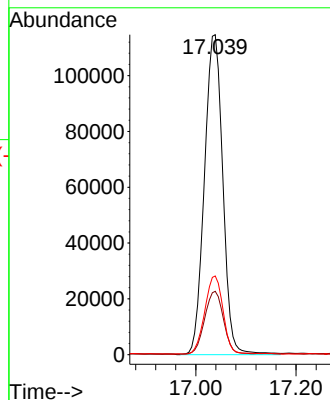
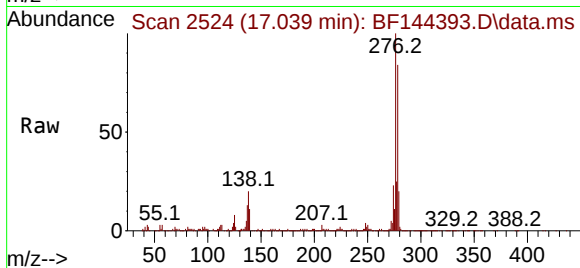
Tgt Ion:276 Resp: 292895

Ion Ratio Lower Upper

276 100

138 19.9 13.9 20.9

277 24.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 56.051 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

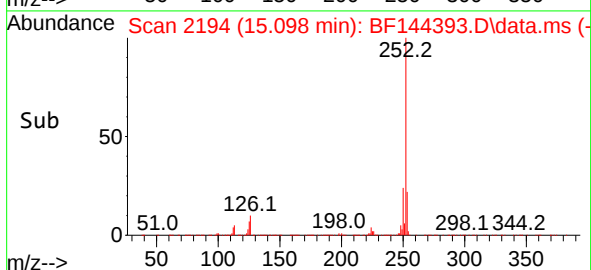
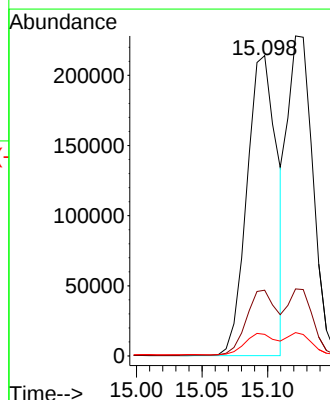
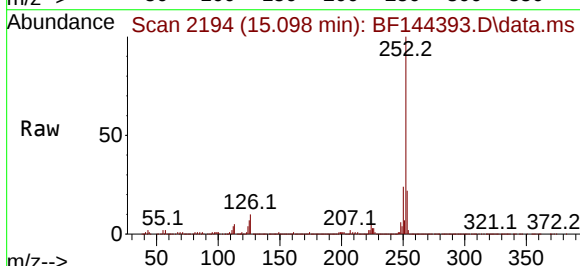
Tgt Ion:252 Resp: 340496

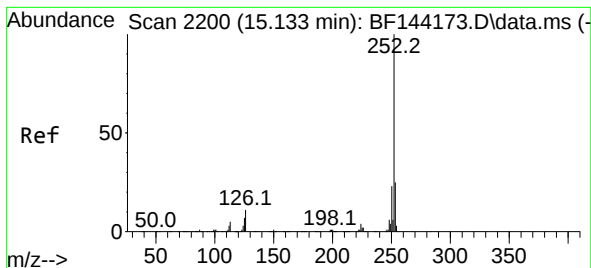
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 7.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 53.591 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

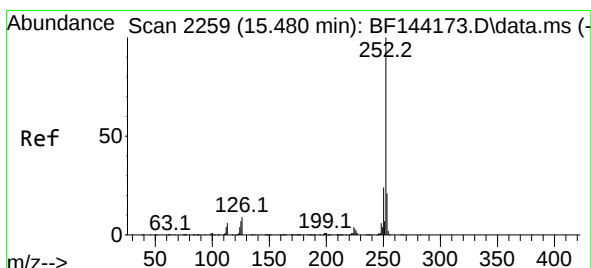
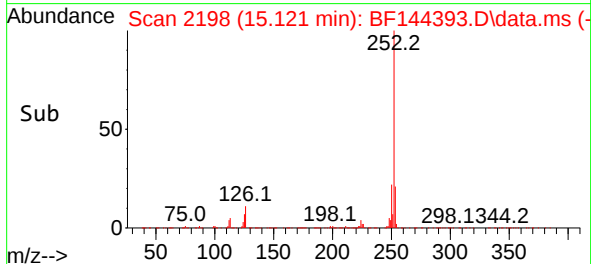
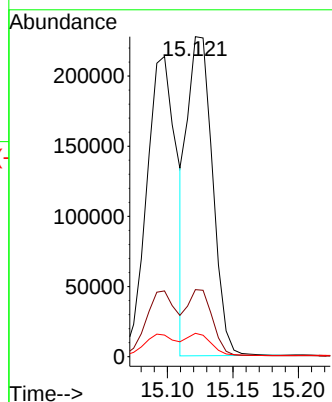
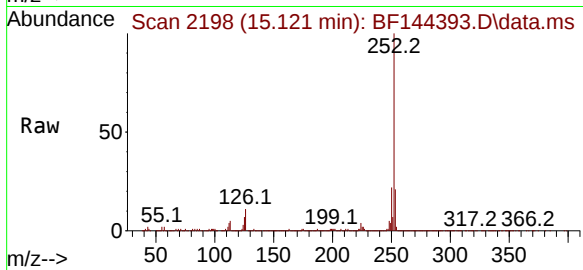
Tgt Ion:252 Resp: 304715

Ion Ratio Lower Upper

252 100

253 21.0 18.0 27.0

125 7.3 5.4 8.2



#90

Benzo(a)pyrene

Concen: 49.924 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

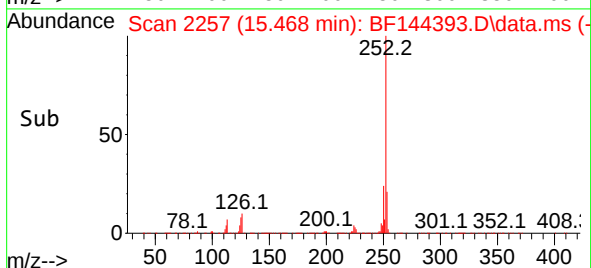
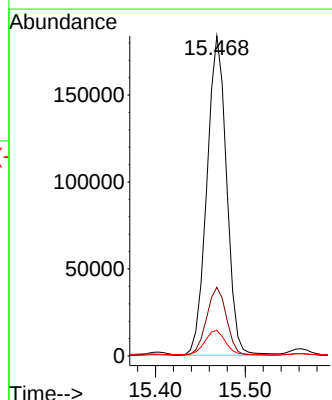
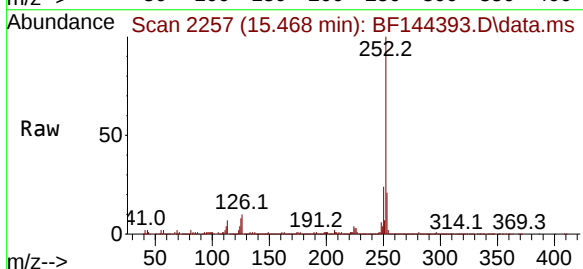
Tgt Ion:252 Resp: 279785

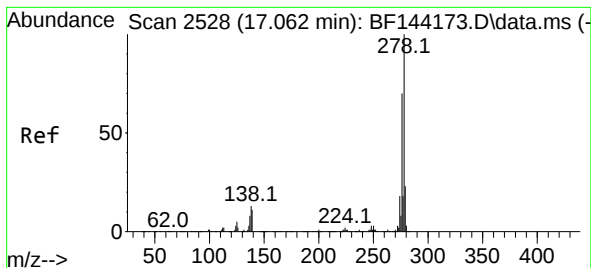
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 7.9 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 38.388 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MSD

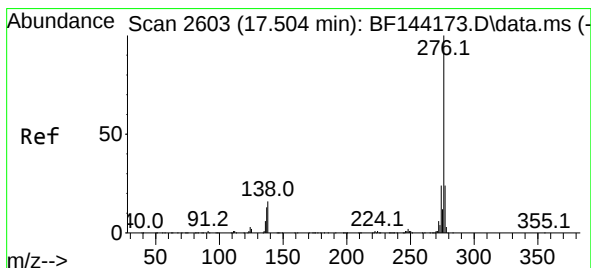
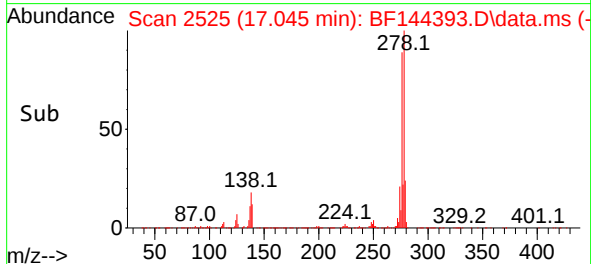
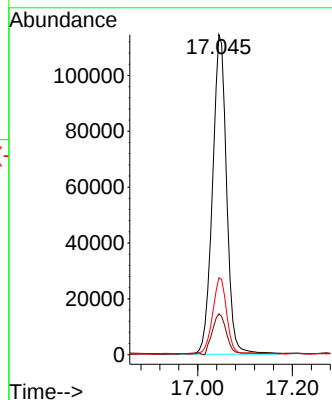
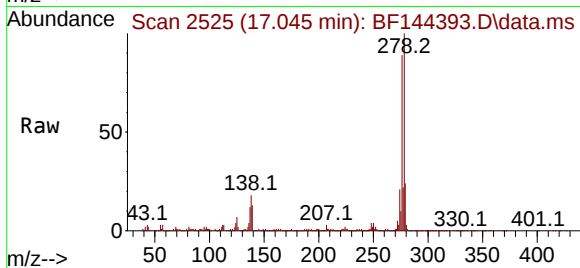
Tgt Ion:278 Resp: 236474

Ion Ratio Lower Upper

278 100

139 12.8 9.1 13.7

279 24.1 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 38.234 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.000 min

Lab File: BF144393.D

Acq: 01 Dec 2025 18:12

Tgt Ion:276 Resp: 232585

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 16.8 12.9 19.3

