

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144392.D
 Acq On : 01 Dec 2025 17:43
 Operator : RC/JU
 Sample : Q3735-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625MS

Quant Time: Dec 02 00:08:38 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	49538	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	162841	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	75668	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	143189	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	136669	20.000	ng	0.00
86) Perylene-d12	15.527	264	107138	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	221527	69.979	ng	0.00
7) Phenol-d6	6.498	99	232338	64.774	ng	0.00
23) Nitrobenzene-d5	7.428	82	140640	49.881	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	66521	70.056	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	235489	45.964	ng	-0.01
79) Terphenyl-d14	12.980	244	309101	35.925	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	65145	49.776	ng	98
3) Pyridine	3.440	79	179798	49.242	ng	97
4) n-Nitrosodimethylamine	3.393	42	95198	49.914	ng	87
6) Aniline	6.528	93	98632	19.300	ng	# 81
8) 2-Chlorophenol	6.651	128	135265	43.571	ng	99
9) Benzaldehyde	6.416	77	68530	33.834	ng	99
10) Phenol	6.516	94	185691	42.372	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	149087	46.687	ng	99
12) 1,3-Dichlorobenzene	6.804	146	177252	46.270	ng	98
13) 1,4-Dichlorobenzene	6.881	146	176204	45.912	ng	100
14) 1,2-Dichlorobenzene	7.034	146	170127	46.248	ng	99
15) Benzyl Alcohol	7.004	79	123279	43.405	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	265006	45.065	ng	86
17) 2-Methylphenol	7.122	107	102144	41.358	ng	98
18) Hexachloroethane	7.375	117	55485	43.515	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	101498	42.984	ng	99
20) 3+4-Methylphenols	7.275	107	121164	41.618	ng	# 88
22) Acetophenone	7.269	105	175732	50.305	ng	98
24) Nitrobenzene	7.445	77	146955	48.004	ng	98
25) Isophorone	7.686	82	253476	47.528	ng	99
26) 2-Nitrophenol	7.763	139	73931	48.786	ng	94
27) 2,4-Dimethylphenol	7.798	122	112605	49.576	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	165254	49.621	ng	98
29) 2,4-Dichlorophenol	8.010	162	110926	42.372	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	128116	47.659	ng	97
31) Naphthalene	8.169	128	355869	45.941	ng	99
32) Benzoic acid	7.916	122	59806	35.921	ng	96
33) 4-Chloroaniline	8.222	127	37238	13.181	ng	96
34) Hexachlorobutadiene	8.281	225	93033	45.921	ng	98
35) Caprolactam	8.581	113	30758	42.885	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	93881	40.015	ng	99
37) 2-Methylnaphthalene	8.857	142	206870	39.944	ng	99
38) 1-Methylnaphthalene	8.957	142	206178	41.259	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	124144	50.060	ng	98
41) Hexachlorocyclopentadiene	9.010	237	33420	43.093	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	79754	47.252	ng	100

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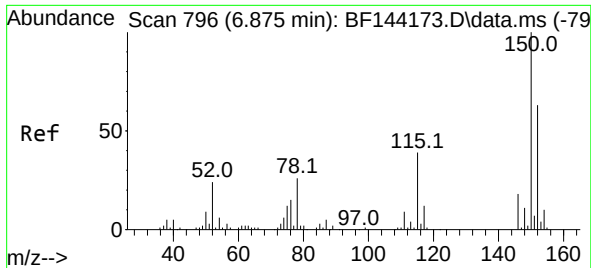
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	83020	45.637	ng	99
46) 1,1'-Biphenyl	9.322	154	271117	51.330	ng	99
47) 2-Chloronaphthalene	9.351	162	218598	48.518	ng	99
48) 2-Nitroaniline	9.445	65	62939	48.415	ng	96
49) Acenaphthylene	9.763	152	340422	55.445	ng	98
50) Dimethylphthalate	9.622	163	250400	49.952	ng	100
51) 2,6-Dinitrotoluene	9.686	165	53205	52.431	ng	93
52) Acenaphthene	9.939	154	181069	44.101	ng	99
53) 3-Nitroaniline	9.857	138	37904	34.170	ng	98
54) 2,4-Dinitrophenol	9.975	184	32760	53.462	ng	93
55) Dibenzofuran	10.110	168	274275	47.698	ng	97
56) 4-Nitrophenol	10.033	139	75741	94.390	ng	97
57) 2,4-Dinitrotoluene	10.098	165	71111	52.347	ng	97
58) Fluorene	10.451	166	218481	49.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	61338	47.658	ng	98
60) Diethylphthalate	10.322	149	230244	49.825	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	114834	46.111	ng	99
62) 4-Nitroaniline	10.475	138	51018	48.294	ng	94
63) Azobenzene	10.604	77	224073	52.101	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	26253	26.989	ng	93
66) n-Nitrosodiphenylamine	10.563	169	210592	45.728	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	77131	42.202	ng	98
68) Hexachlorobenzene	11.004	284	95083	44.168	ng	96
69) Atrazine	11.092	200	72787	49.697	ng	99
70) Pentachlorophenol	11.204	266	102820	95.915	ng	98
71) Phenanthrene	11.422	178	343113	48.128	ng	99
72) Anthracene	11.474	178	354751	48.937	ng	100
73) Carbazole	11.627	167	328075	53.223	ng	100
74) Di-n-butylphthalate	11.951	149	404342	54.261	ng	99
75) Fluoranthene	12.616	202	431555	58.600	ng	99
77) Benzidine	12.739	184	171833	42.506	ng	99
78) Pyrene	12.845	202	452018	41.020	ng	100
80) Butylbenzylphthalate	13.457	149	192349	50.363	ng	97
81) Benzo(a)anthracene	14.039	228	465387	49.132	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	105053	32.356	ng	96
83) Chrysene	14.074	228	411235	47.030	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	279667	53.491	ng	99
85) Di-n-octyl phthalate	14.627	149	456273	50.582	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.039	276	287880	37.432	ng	98
88) Benzo(b)fluoranthene	15.098	252	356710	58.563	ng	100
89) Benzo(k)fluoranthene	15.127	252	318534	55.872	ng	100
90) Benzo(a)pyrene	15.468	252	291303	51.841	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	238557	38.623	ng	99
92) Benzo(g,h,i)perylene	17.492	276	233682	38.312	ng	97

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

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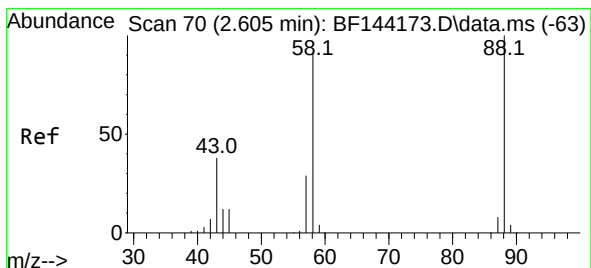
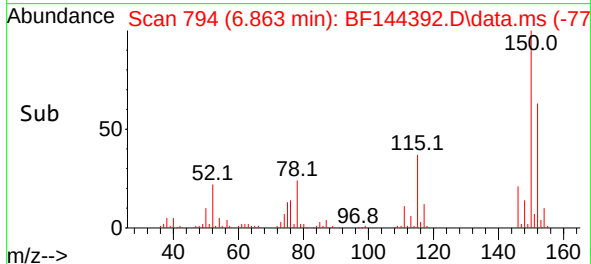
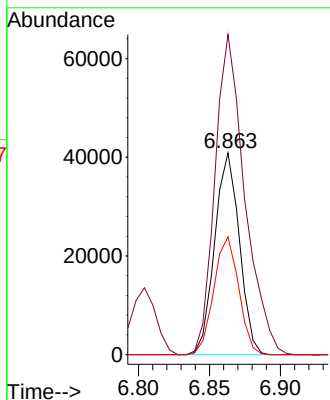
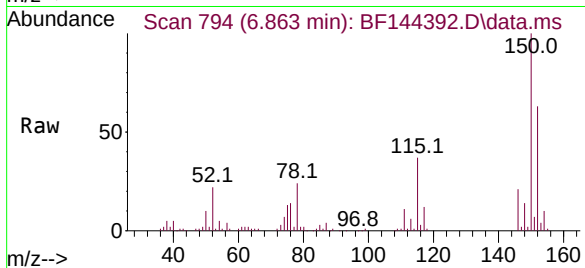




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144392.D
 Acq: 01 Dec 2025 17:43

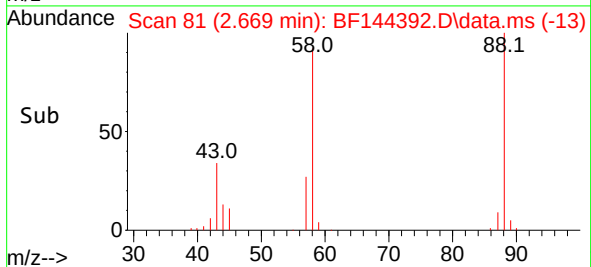
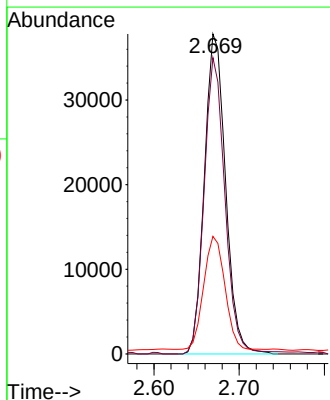
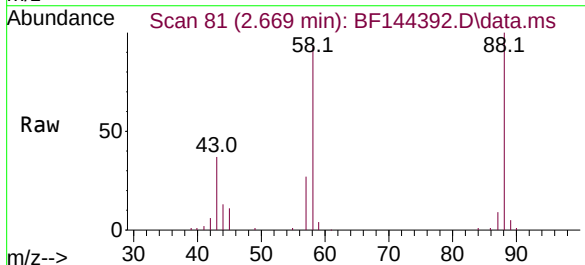
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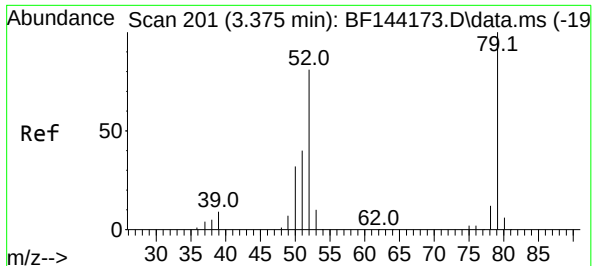
Tgt Ion:152 Resp: 49538
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.4 191.0
 115 58.3 49.5 74.3



#2
 1,4-Dioxane
 Concen: 49.776 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.053 min
 Lab File: BF144392.D
 Acq: 01 Dec 2025 17:43

Tgt Ion: 88 Resp: 65145
 Ion Ratio Lower Upper
 88 100
 58 91.4 73.1 109.7
 43 35.3 31.0 46.6

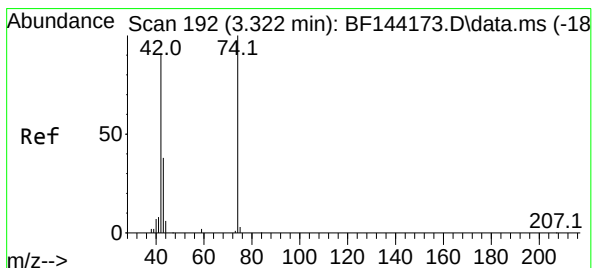
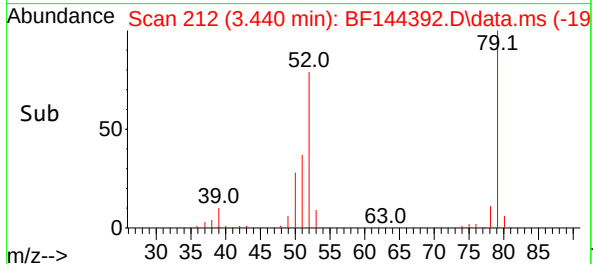
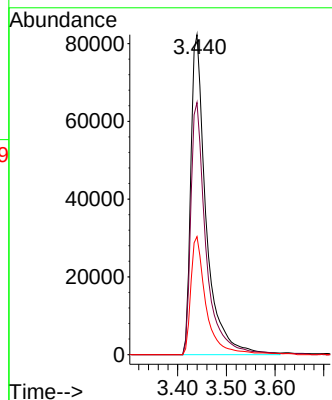
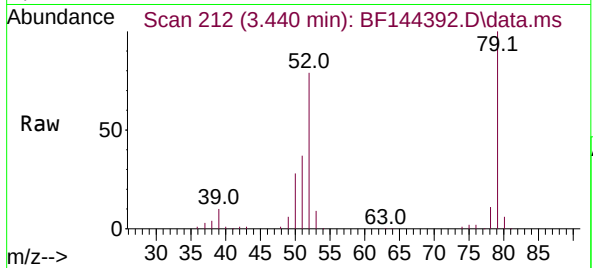




#3
Pyridine
Concen: 49.242 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

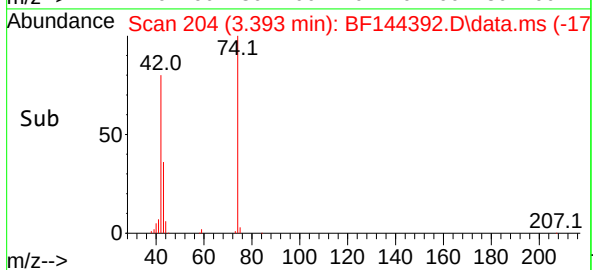
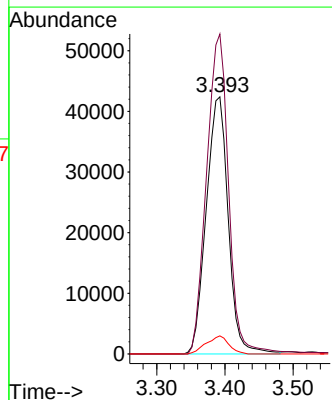
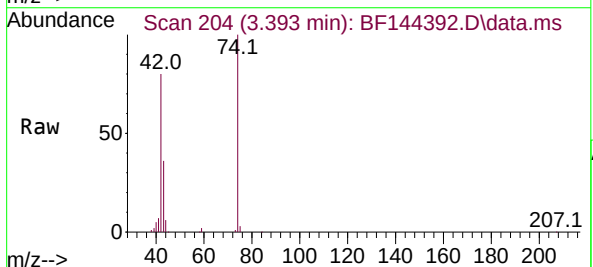
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ClientSampleId :
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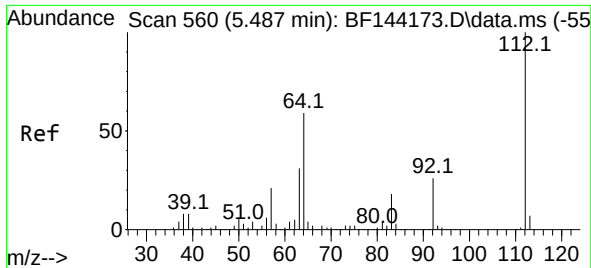
Tgt Ion: 79 Resp: 179798
Ion Ratio Lower Upper
79 100
52 78.8 64.5 96.7
51 36.9 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 49.914 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.047 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion: 42 Resp: 95198
Ion Ratio Lower Upper
42 100
74 124.5 88.2 132.4
44 7.0 5.7 8.5

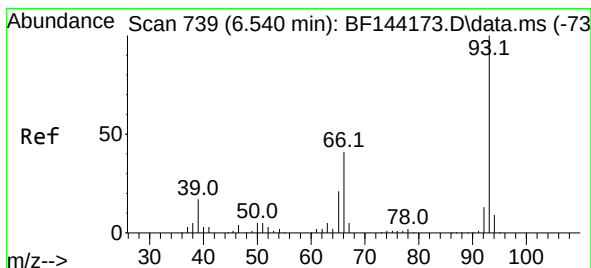
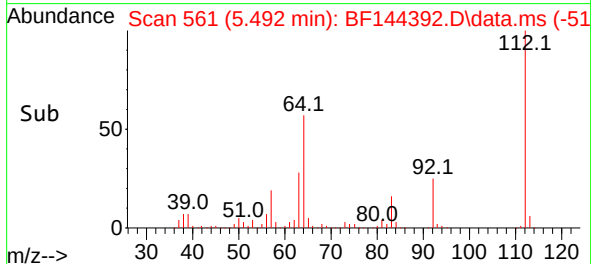
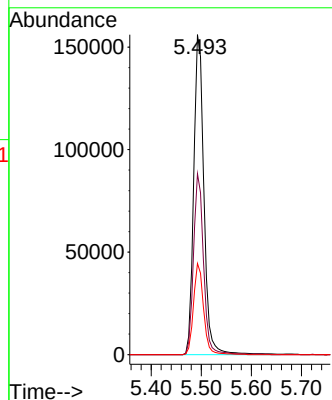
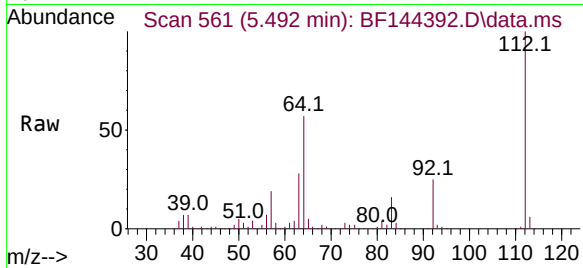




#5
2-Fluorophenol
Concen: 69.979 ng
RT: 5.492 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

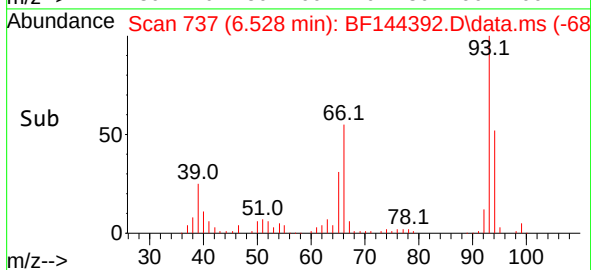
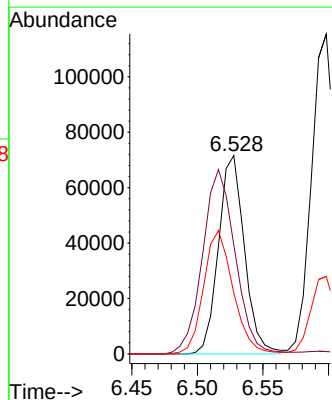
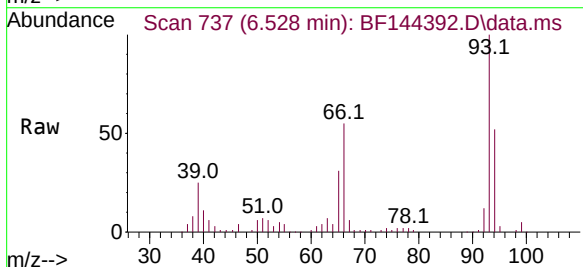
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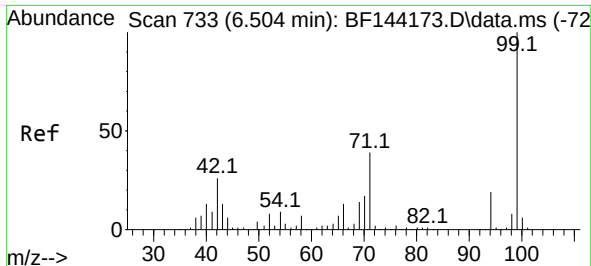
Tgt Ion:112 Resp: 221527
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 28.5 24.4 36.6



#6
Aniline
Concen: 19.300 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144392.D
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Tgt Ion: 93 Resp: 98632
Ion Ratio Lower Upper
93 100
66 55.0 34.3 51.5#
65 30.7 16.9 25.3#

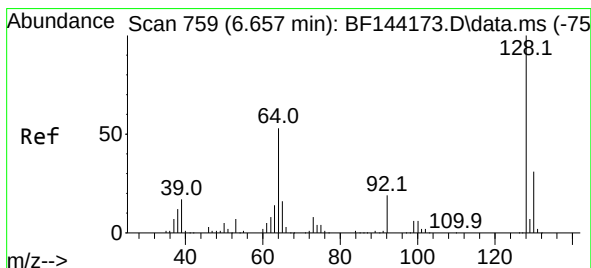
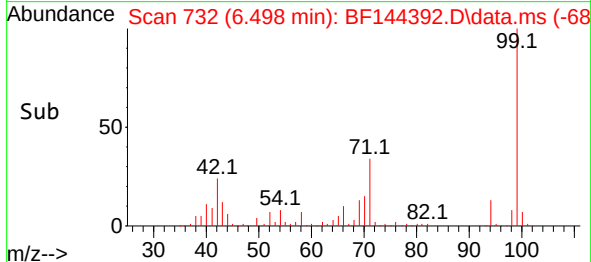
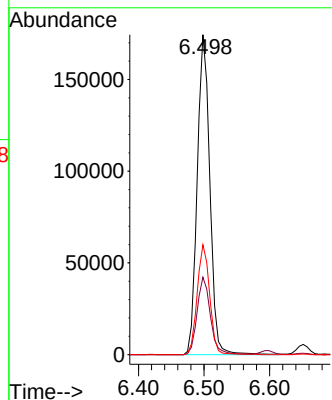
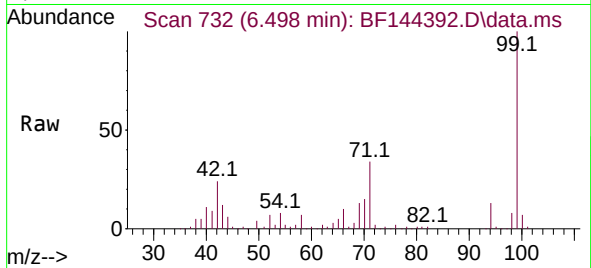




#7
Phenol-d6
Concen: 64.774 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

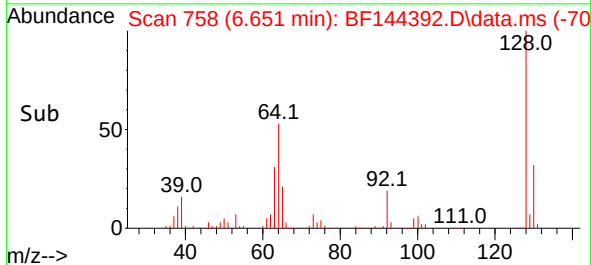
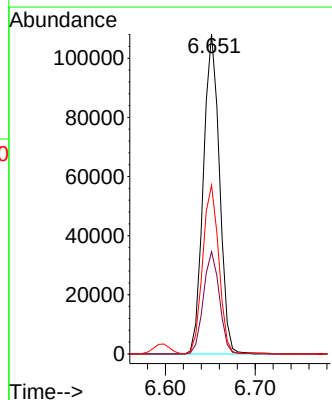
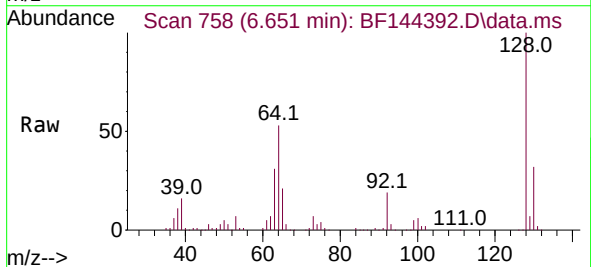
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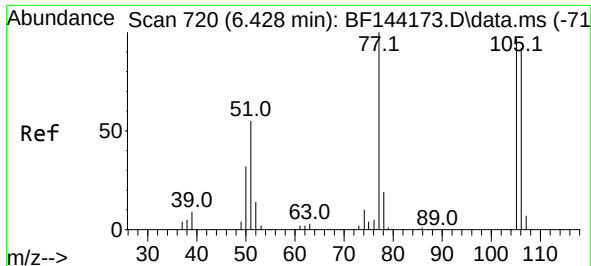
Tgt Ion: 99 Resp: 232338
Ion Ratio Lower Upper
99 100
42 24.2 20.9 31.3
71 34.3 31.4 47.2



#8
2-Chlorophenol
Concen: 43.571 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 135265
Ion Ratio Lower Upper
128 100
130 31.9 10.5 50.5
64 52.7 33.2 73.2

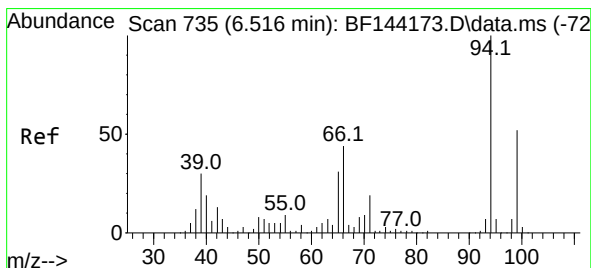
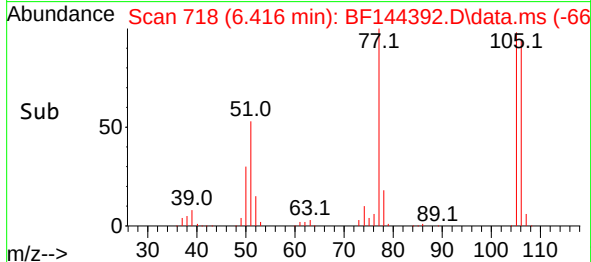
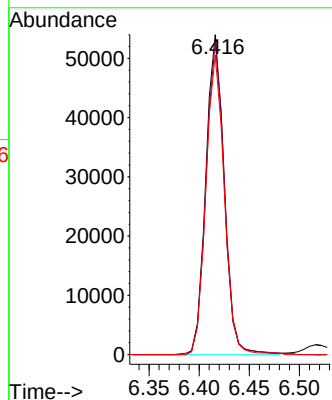
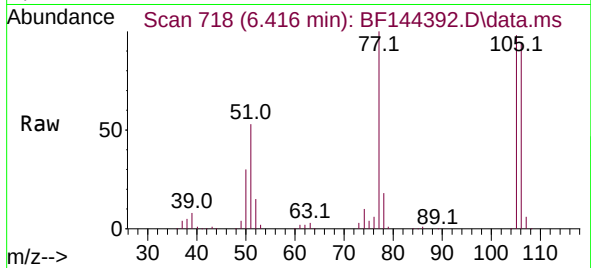




#9
Benzaldehyde
Concen: 33.834 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

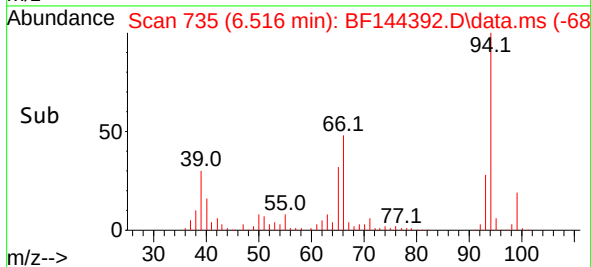
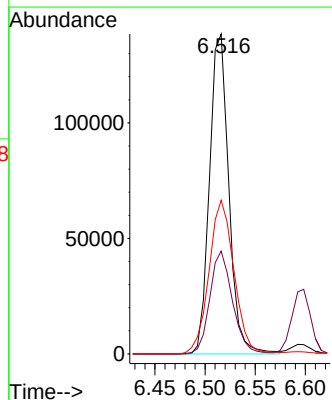
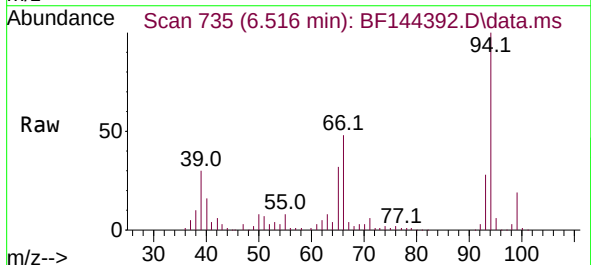
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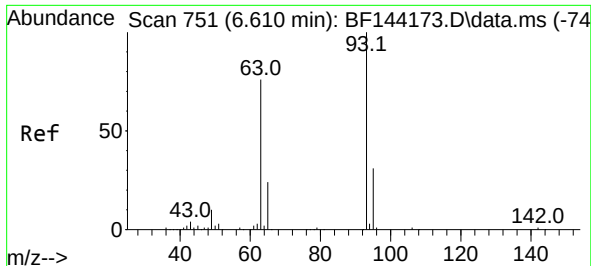
Tgt Ion: 77 Resp: 68530
Ion Ratio Lower Upper
77 100
105 97.6 77.2 117.2
106 93.6 72.2 112.2



#10
Phenol
Concen: 42.372 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 185691
Ion Ratio Lower Upper
94 100
65 32.1 10.8 50.8
66 48.0 24.3 64.3

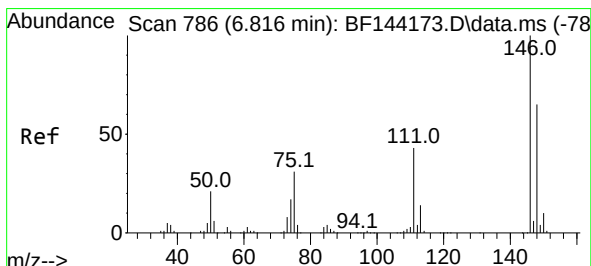
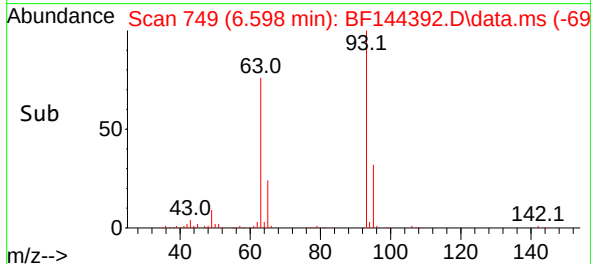
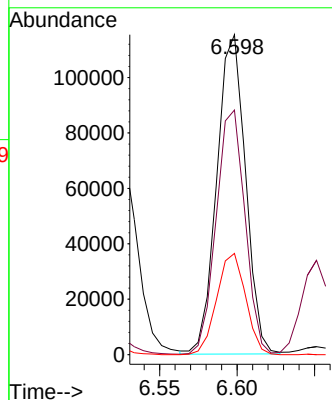
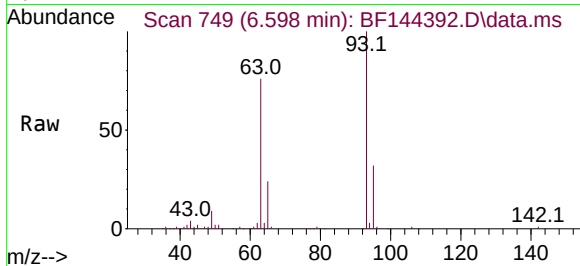




#11
bis(2-Chloroethyl)ether
Concen: 46.687 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

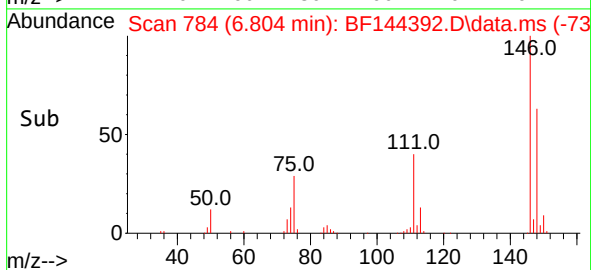
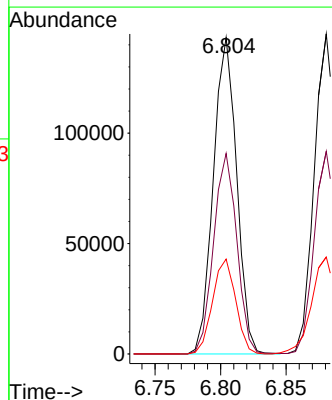
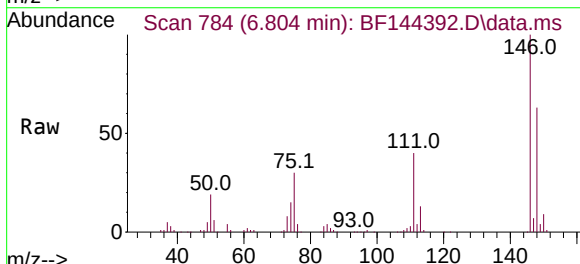
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

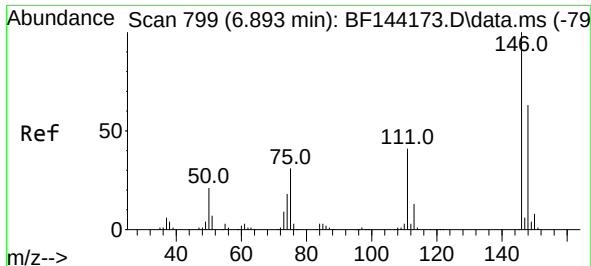
Tgt Ion: 93 Resp: 149087
Ion Ratio Lower Upper
93 100
63 76.4 55.2 95.2
95 31.6 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 46.270 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion: 146 Resp: 177252
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 29.9 25.0 37.4

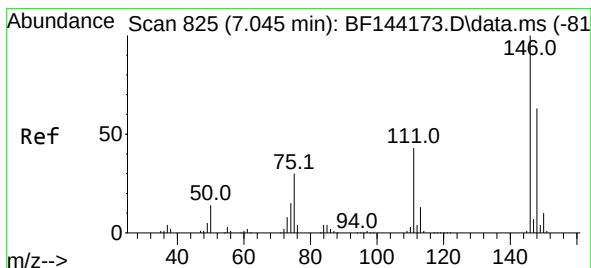
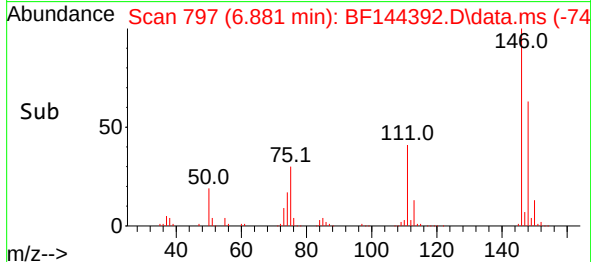
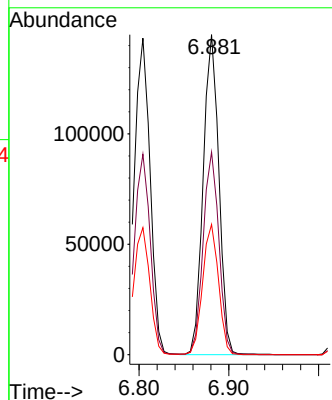
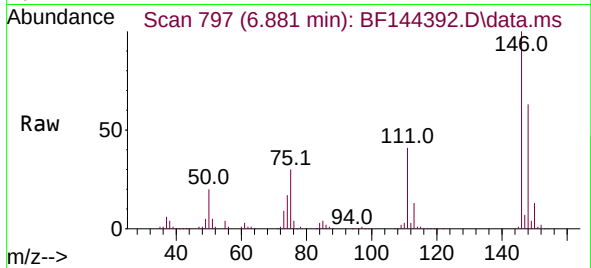




#13
1,4-Dichlorobenzene
Concen: 45.912 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

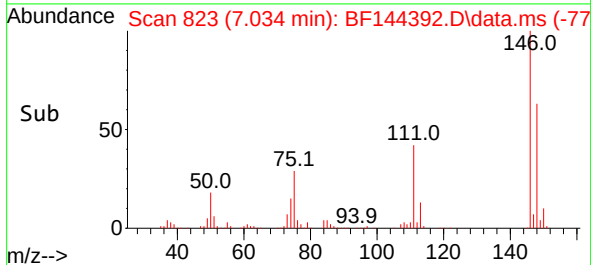
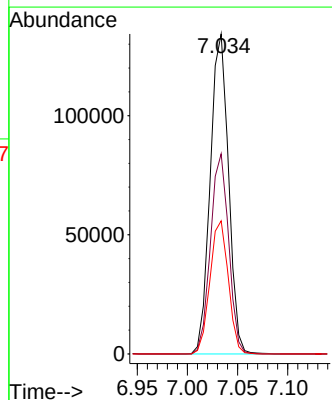
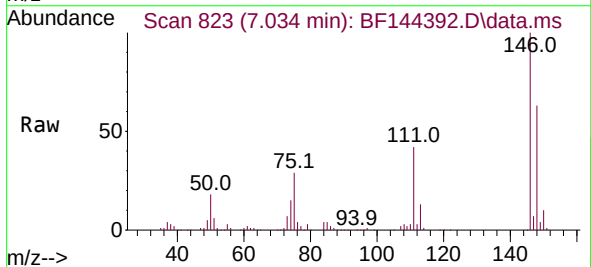
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

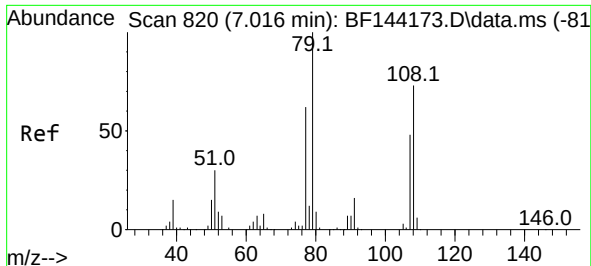
Tgt Ion:146 Resp: 176204
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.2
111 40.7 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 46.248 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:146 Resp: 170127
Ion Ratio Lower Upper
146 100
148 62.5 50.7 76.1
111 41.6 34.2 51.4

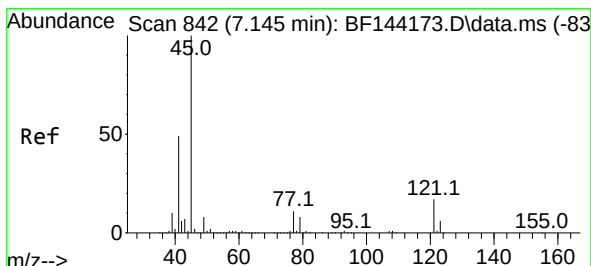
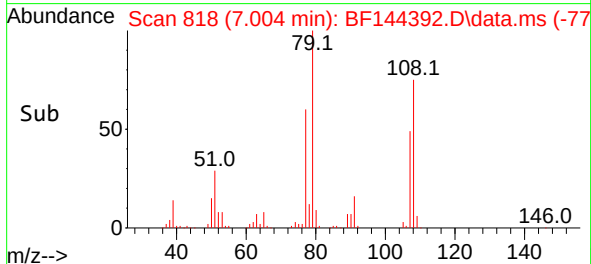
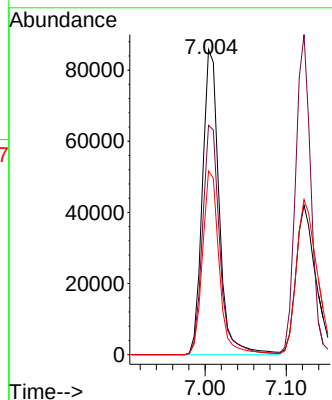
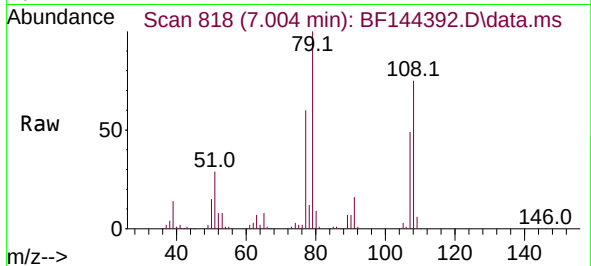




#15
Benzyl Alcohol
Concen: 43.405 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

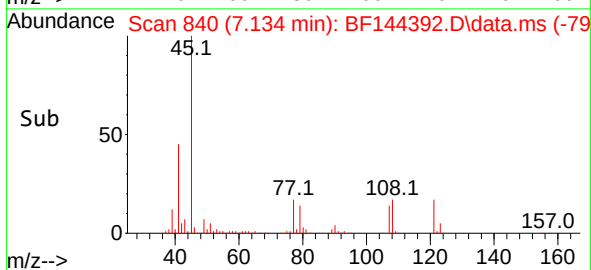
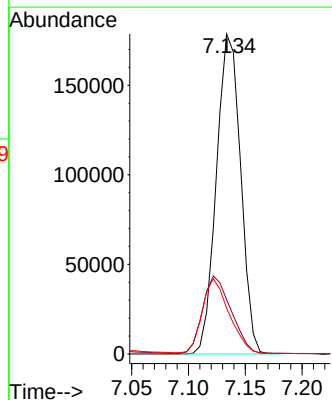
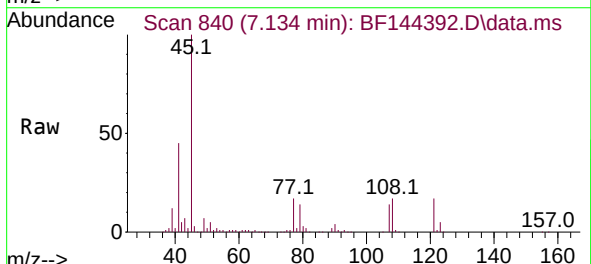
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

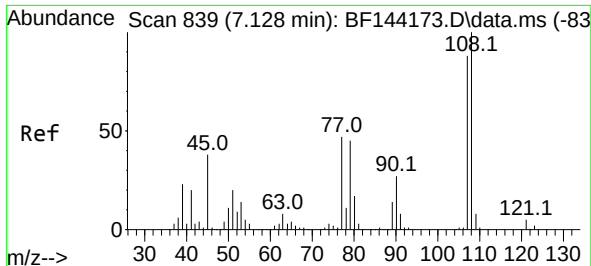
Tgt Ion: 79 Resp: 123279
Ion Ratio Lower Upper
79 100
108 75.1 58.2 87.4
77 60.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.065 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion: 45 Resp: 265006
Ion Ratio Lower Upper
45 100
77 17.0 0.0 31.8
79 14.3 0.0 29.1

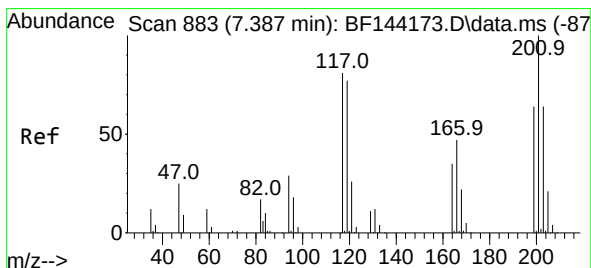
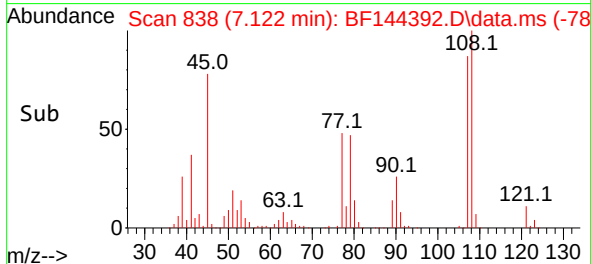
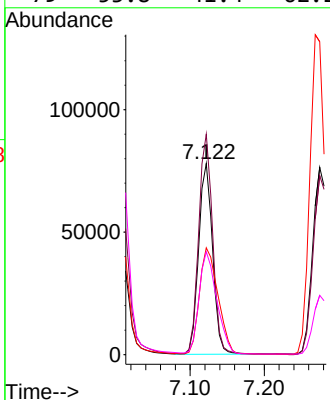
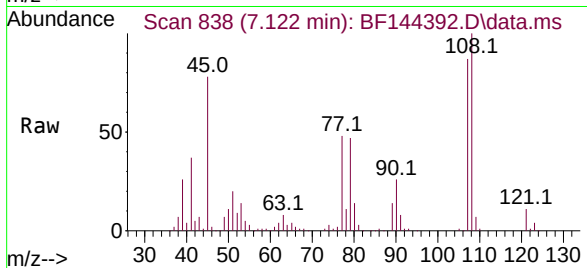




#17
2-Methylphenol
Concen: 41.358 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

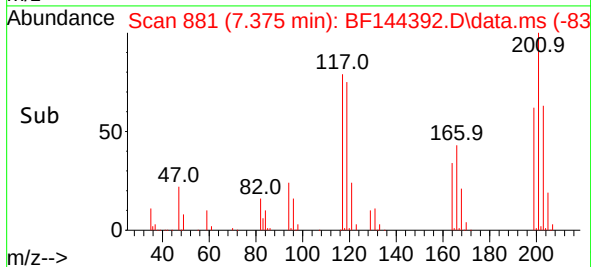
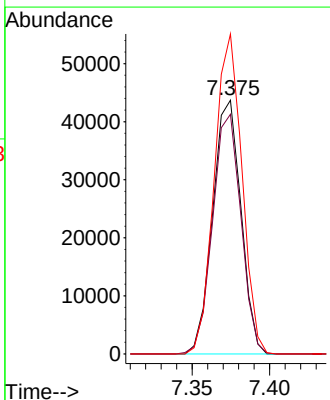
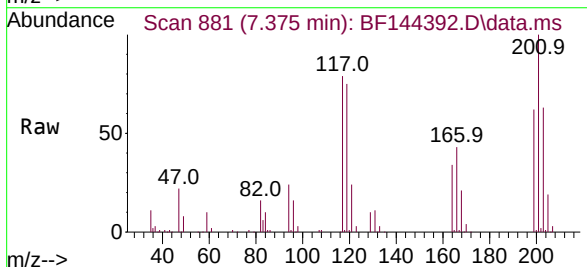
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

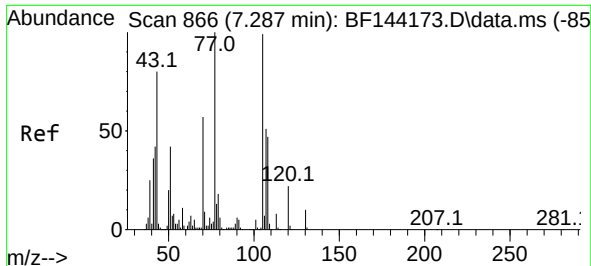
Tgt Ion:	107	Resp:	102144
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.0	136.4
77	55.9	42.7	64.1
79	53.8	41.4	62.2



#18
Hexachloroethane
Concen: 43.515 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:	117	Resp:	55485
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	126.1	98.9	148.3



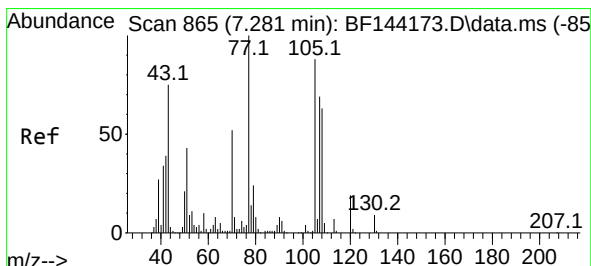
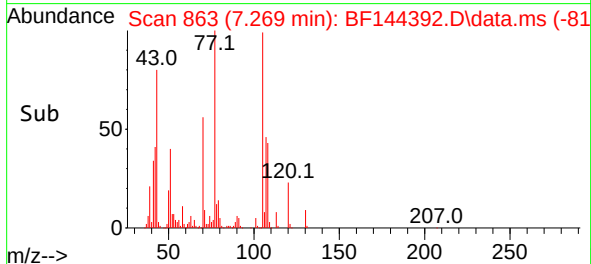
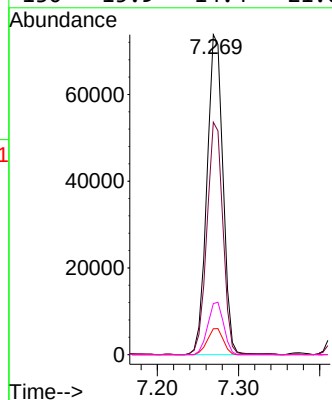
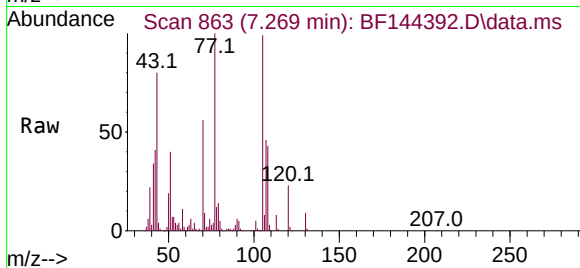


#19
n-Nitroso-di-n-propylamine
Concen: 42.984 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

Tgt Ion: 70 Resp: 101498

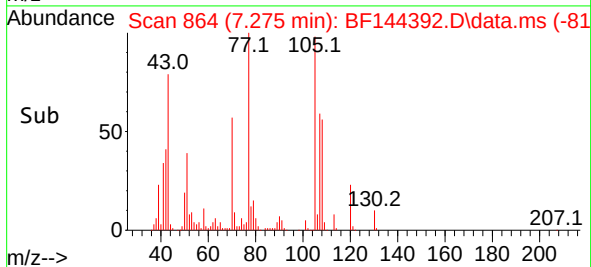
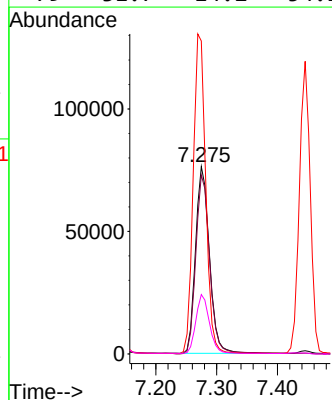
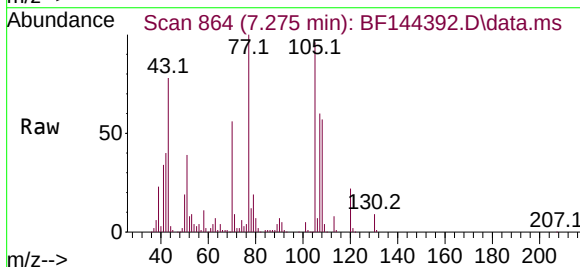
Ion	Ratio	Lower	Upper
70	100		
42	72.7	58.3	87.5
101	8.1	7.0	10.6
130	15.9	14.4	21.6

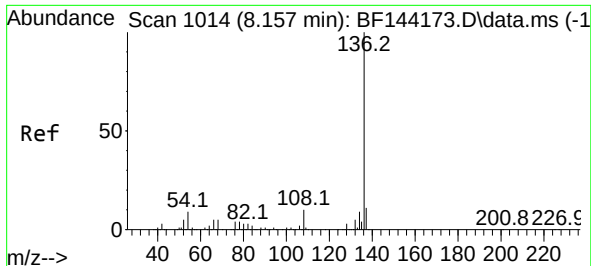


#20
3+4-Methylphenols
Concen: 41.618 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion: 107 Resp: 121164

Ion	Ratio	Lower	Upper
107	100		
108	95.5	70.2	110.2
77	167.1	123.9	163.9#
79	31.7	14.2	54.2

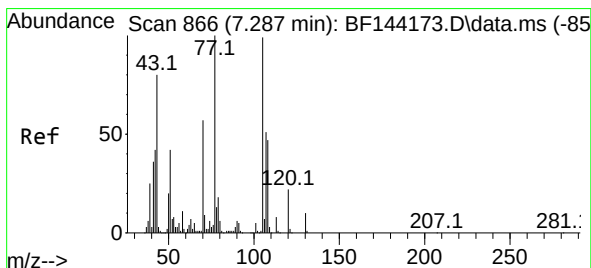
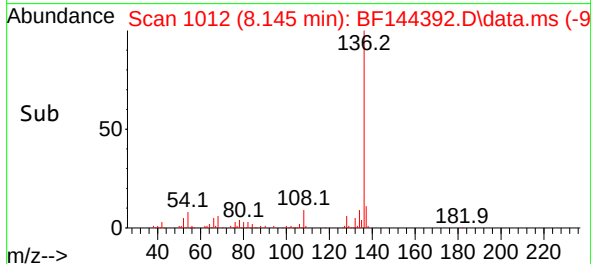
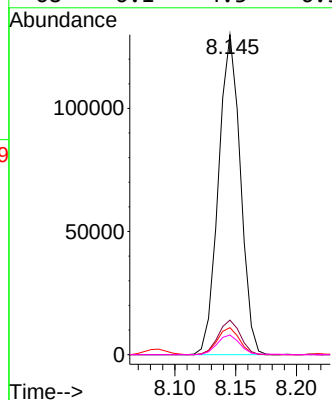
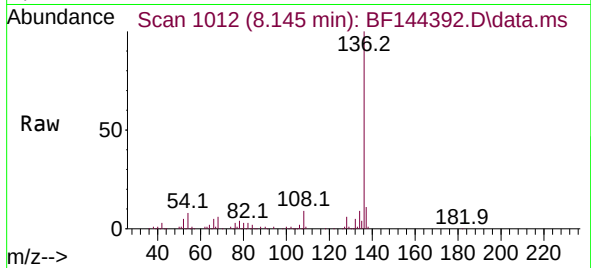




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

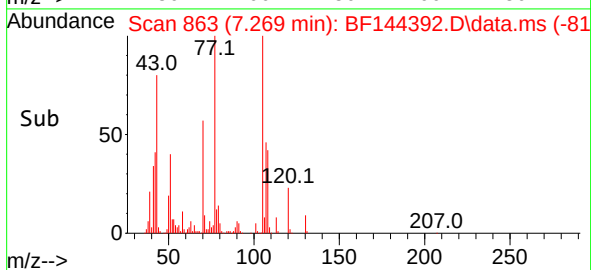
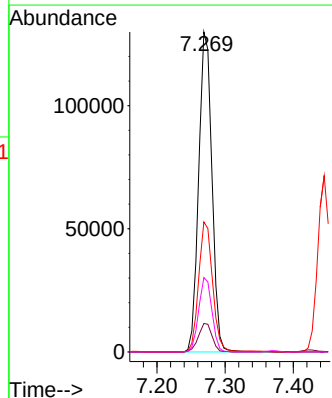
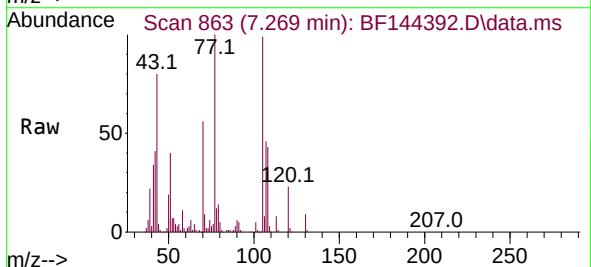
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

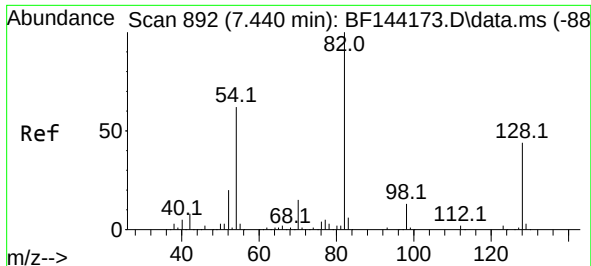
Tgt Ion:	136	Resp:	162841
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.4	7.0	10.6
68	6.1	4.3	6.5



#22
Acetophenone
Concen: 50.305 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:	105	Resp:	175732
Ion Ratio	Lower	Upper	
105	100		
71	8.9	7.2	10.8
51	40.6	34.0	51.0
120	23.2	17.8	26.6





#23

Nitrobenzene-d5

Concen: 49.881 ng

RT: 7.428 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

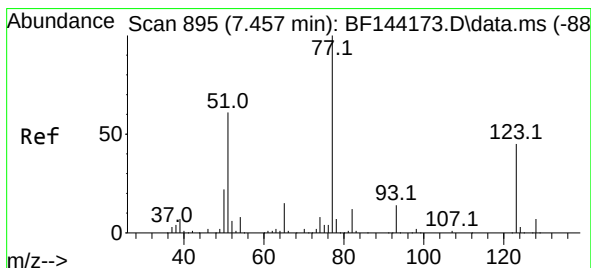
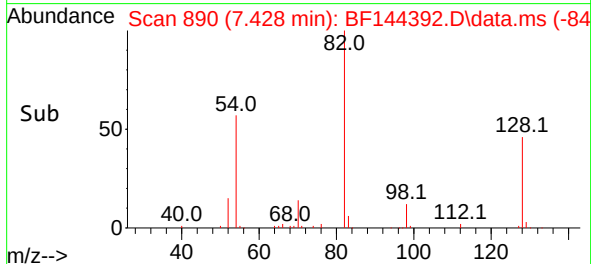
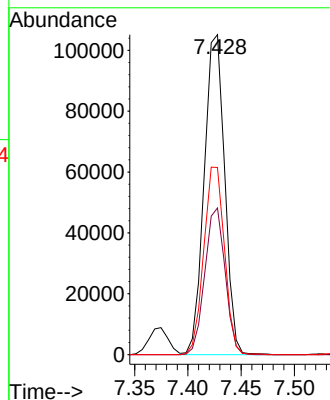
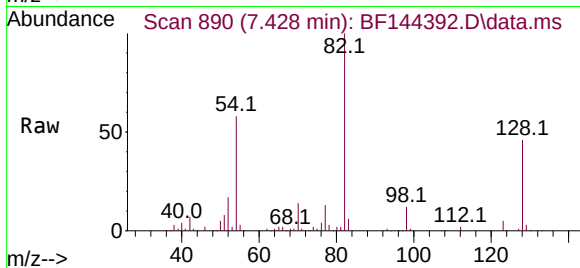
Tgt Ion: 82 Resp: 140640

Ion Ratio Lower Upper

82 100

128 45.8 34.7 52.1

54 58.5 49.5 74.3



#24

Nitrobenzene

Concen: 48.004 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

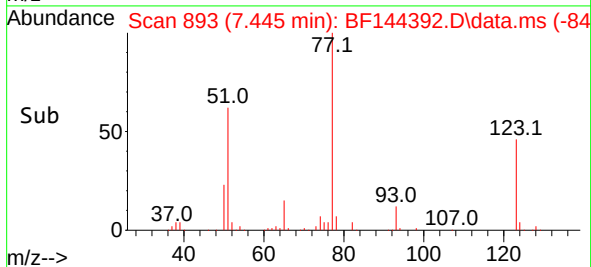
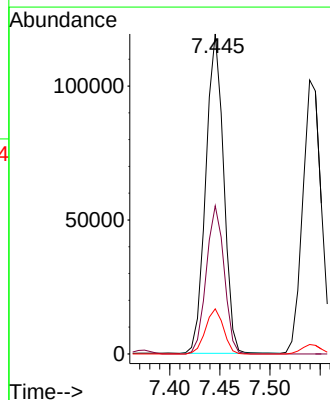
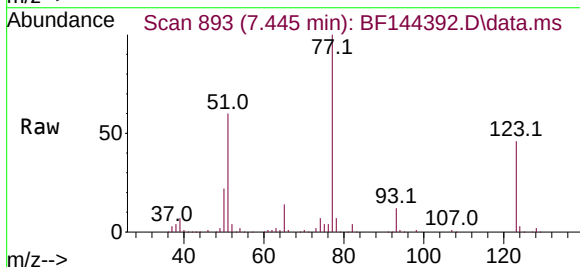
Tgt Ion: 77 Resp: 146955

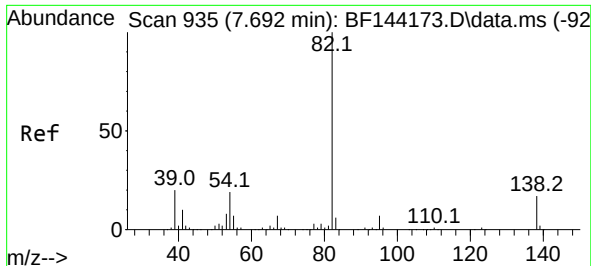
Ion Ratio Lower Upper

77 100

123 46.3 35.8 53.8

65 14.1 12.2 18.2

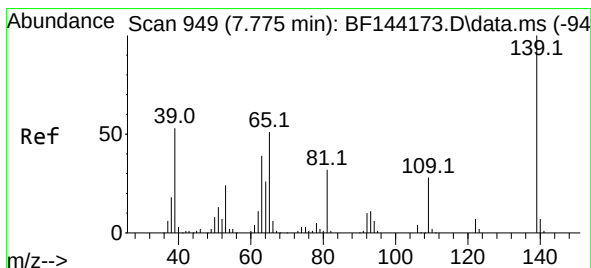
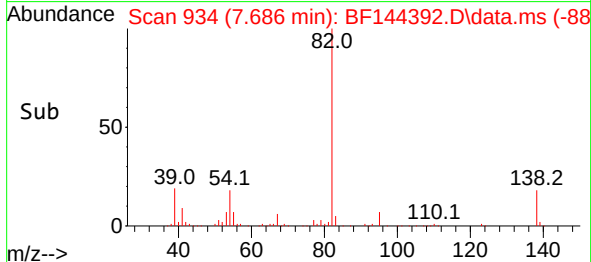
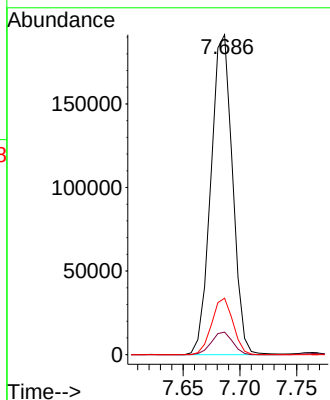
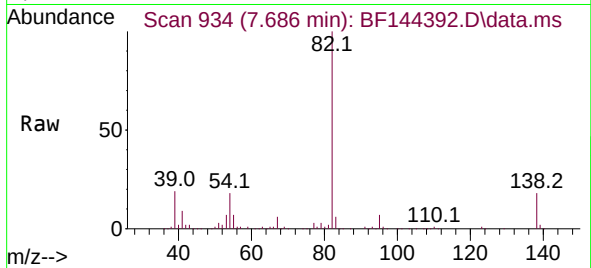




#25
Isophorone
Concen: 47.528 ng
RT: 7.686 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

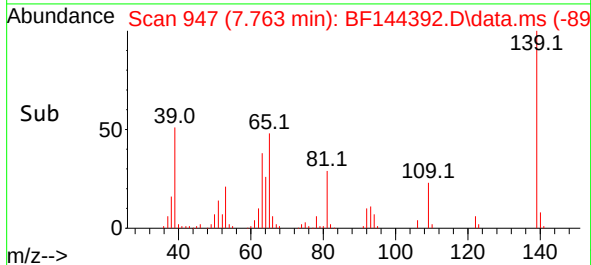
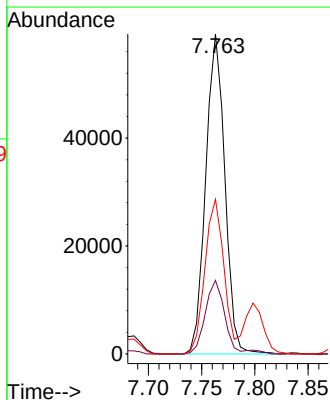
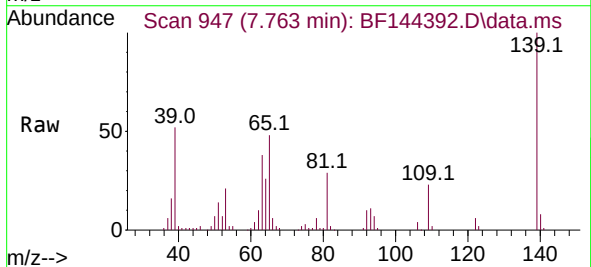
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

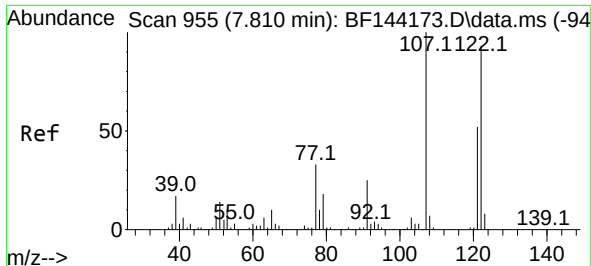
Tgt Ion: 82 Resp: 253476
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.6 13.7 20.5



#26
2-Nitrophenol
Concen: 48.786 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion: 139 Resp: 73931
Ion Ratio Lower Upper
139 100
109 23.0 22.2 33.2
65 48.3 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 49.576 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

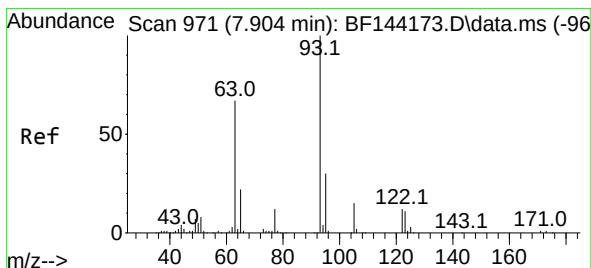
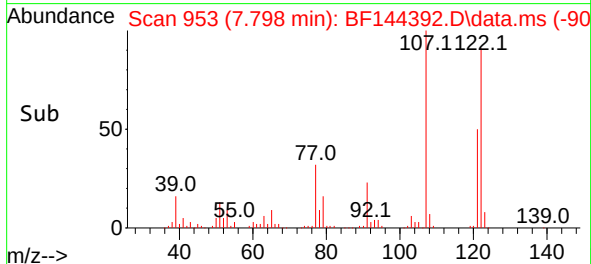
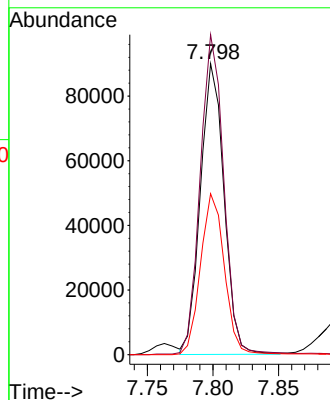
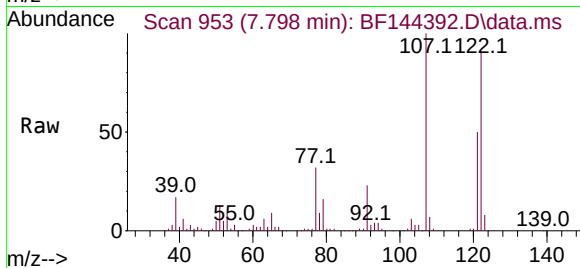
Tgt Ion:122 Resp: 112605

Ion Ratio Lower Upper

122 100

107 110.0 86.2 129.4

121 55.3 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 49.621 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

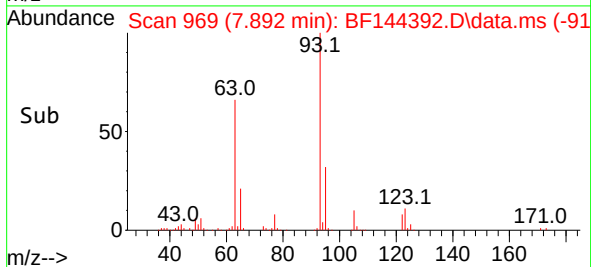
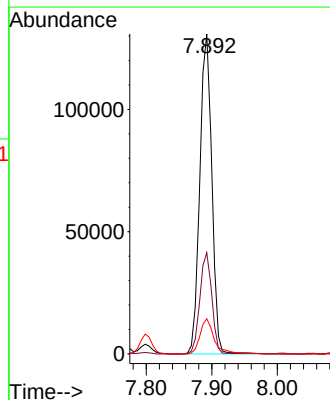
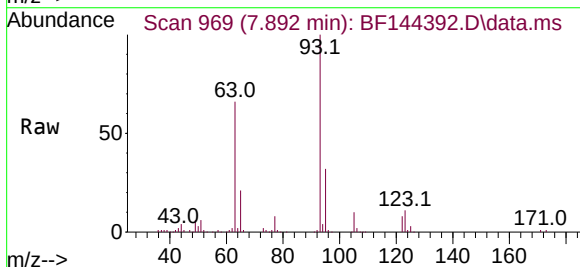
Tgt Ion: 93 Resp: 165254

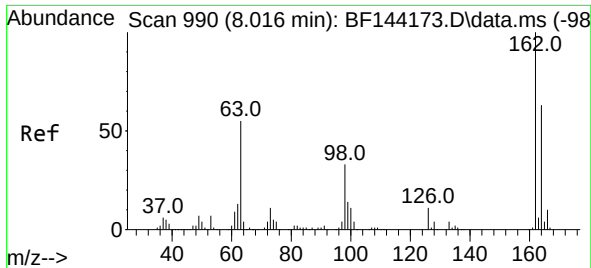
Ion Ratio Lower Upper

93 100

95 31.6 24.2 36.4

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.372 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

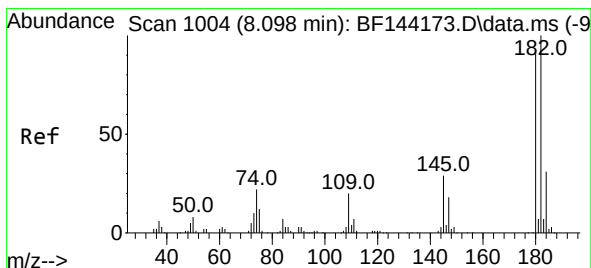
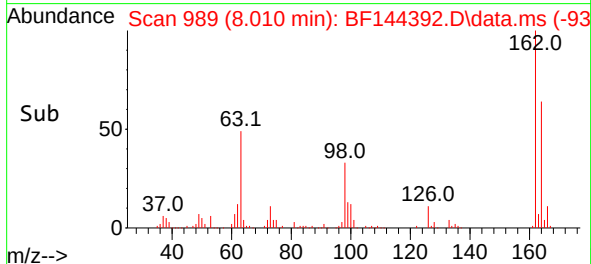
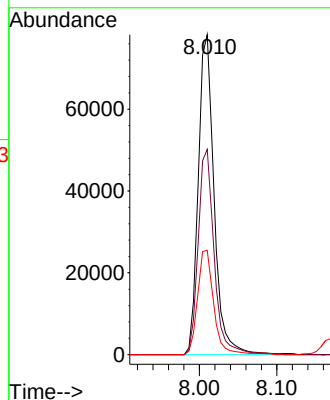
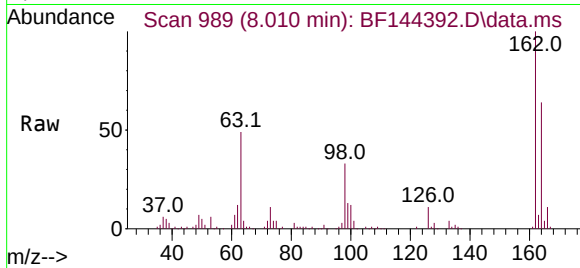
Tgt Ion:162 Resp: 110926

Ion Ratio Lower Upper

162 100

164 64.1 42.9 82.9

98 32.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 47.659 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

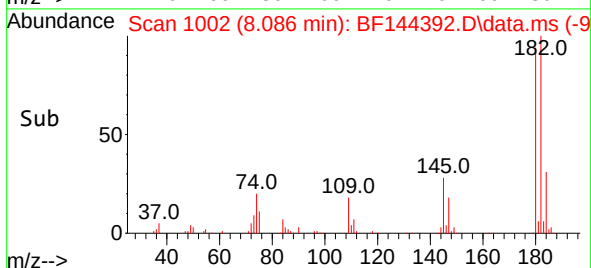
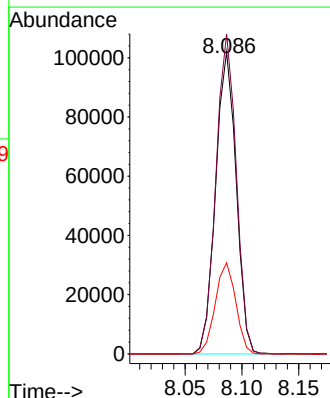
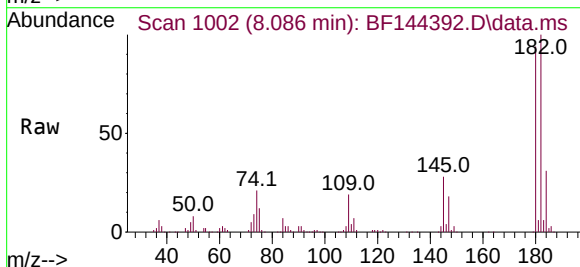
Tgt Ion:180 Resp: 128116

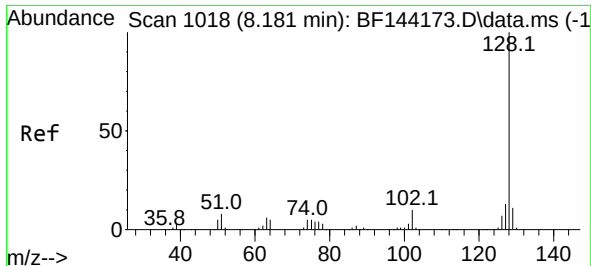
Ion Ratio Lower Upper

180 100

182 105.9 87.7 131.5

145 30.2 25.4 38.0

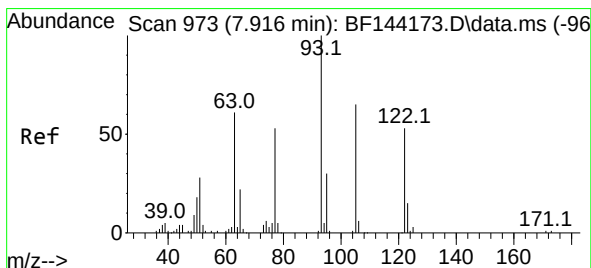
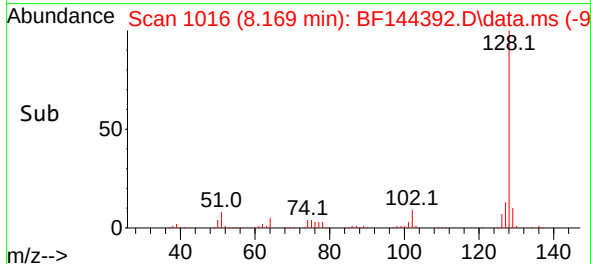
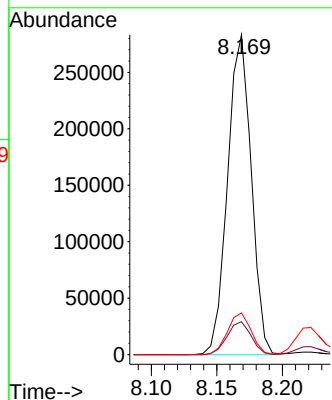
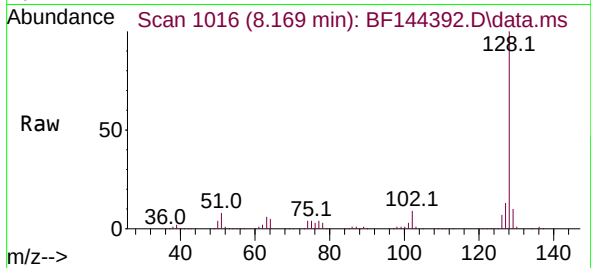




#31
Naphthalene
Concen: 45.941 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

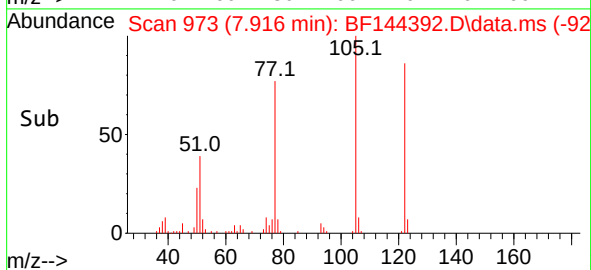
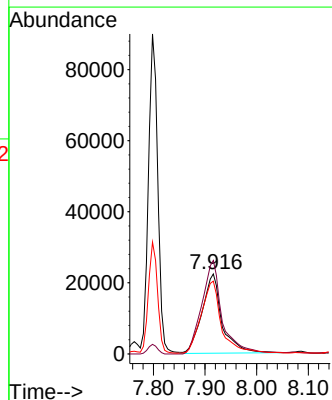
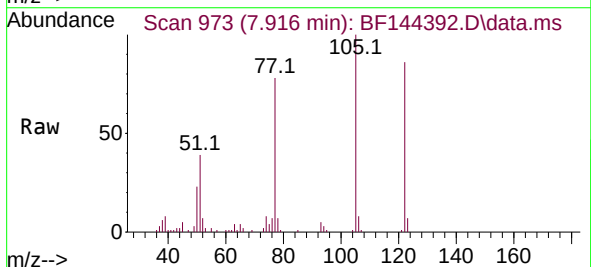
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

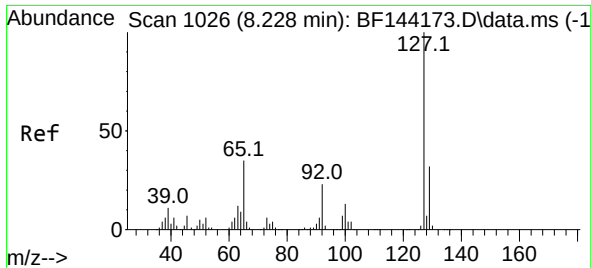
Tgt Ion:128 Resp: 355869
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 35.921 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:122 Resp: 59806
Ion Ratio Lower Upper
122 100
105 116.9 99.9 139.9
77 91.1 77.5 117.5

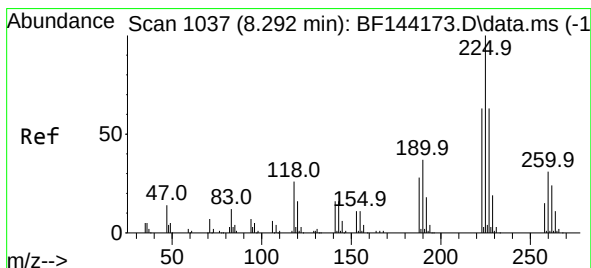
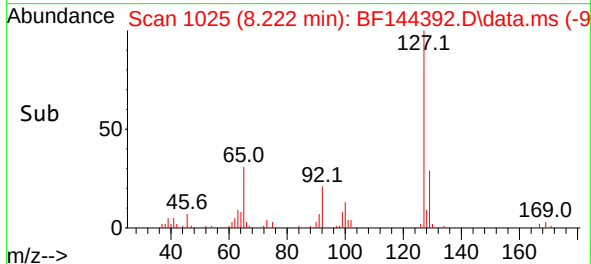
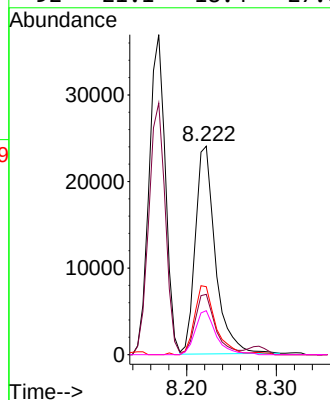
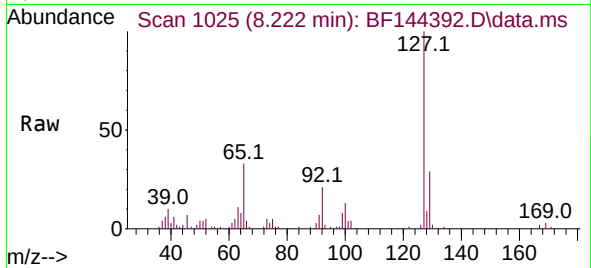




#33
4-Chloroaniline
Concen: 13.181 ng
RT: 8.222 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

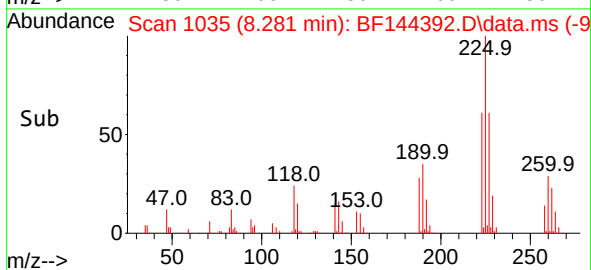
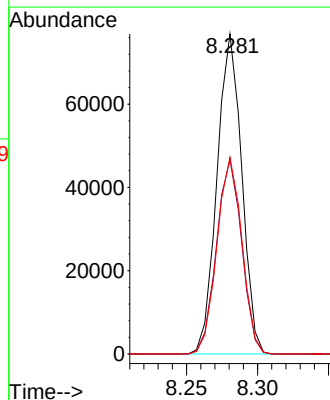
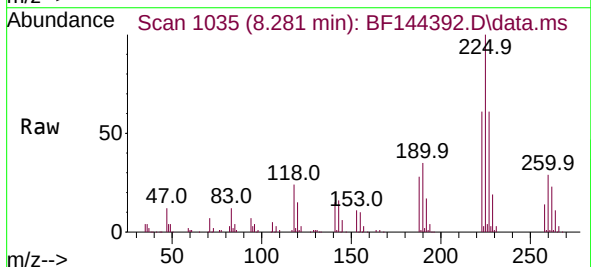
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

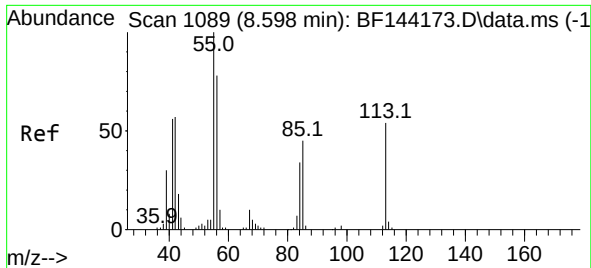
Tgt Ion:	127	Resp:	37238
Ion	Ratio	Lower	Upper
127	100		
129	28.9	25.3	37.9
65	32.6	27.6	41.4
92	21.1	18.4	27.6



#34
Hexachlorobutadiene
Concen: 45.921 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:	225	Resp:	93033
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.2	75.4
227	61.4	50.1	75.1

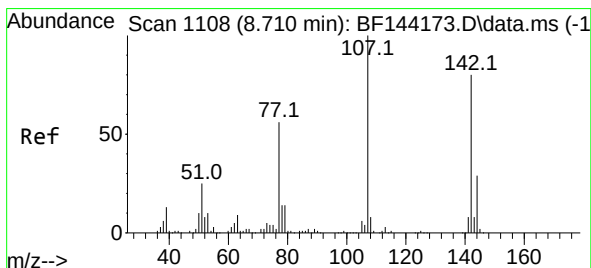
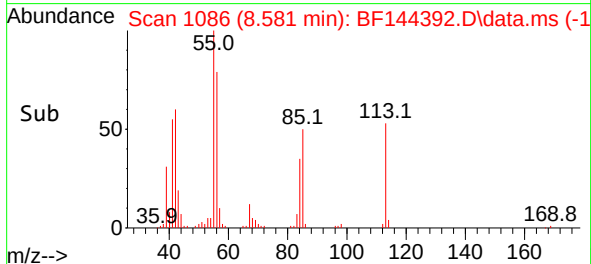
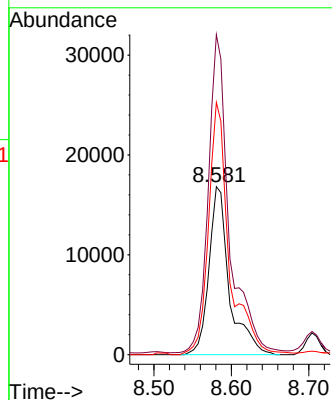
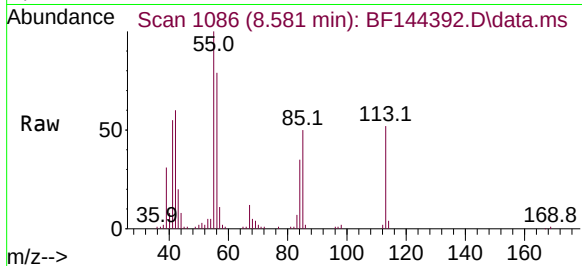




#35
Caprolactam
Concen: 42.885 ng
RT: 8.581 min Scan# 1086
Delta R.T. -0.041 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

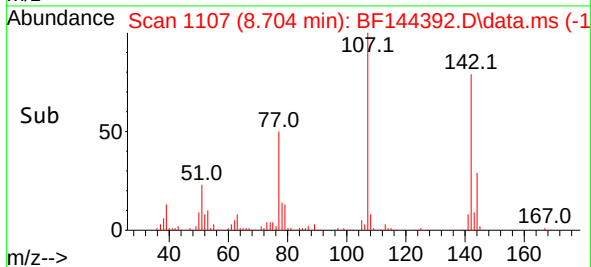
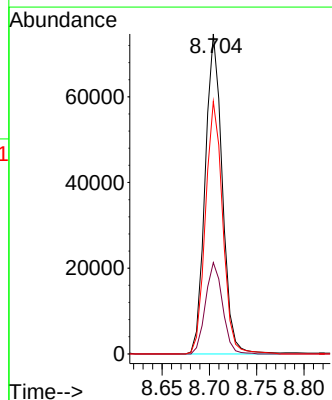
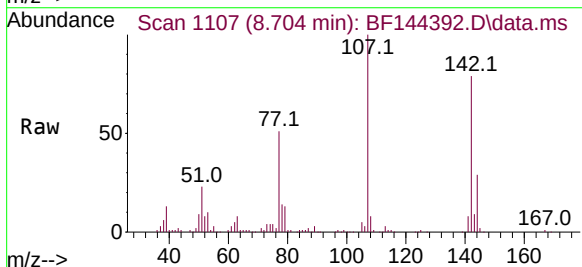
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

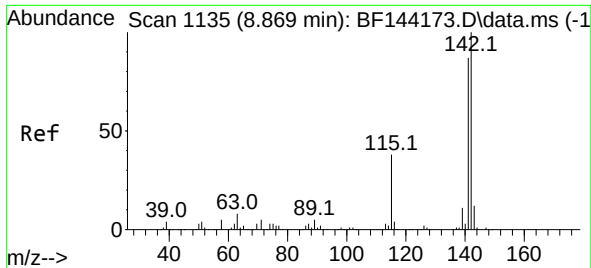
Tgt Ion:113 Resp: 30758
Ion Ratio Lower Upper
113 100
55 190.5 166.8 206.8
56 150.2 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 40.015 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:107 Resp: 93881
Ion Ratio Lower Upper
107 100
144 28.5 23.3 34.9
142 78.9 63.8 95.6

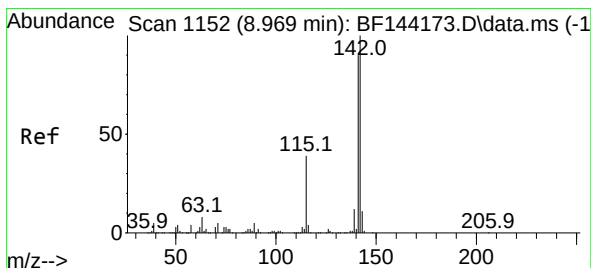
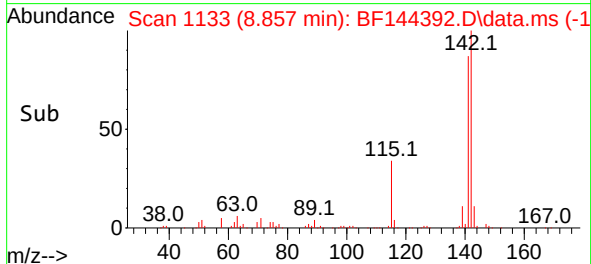
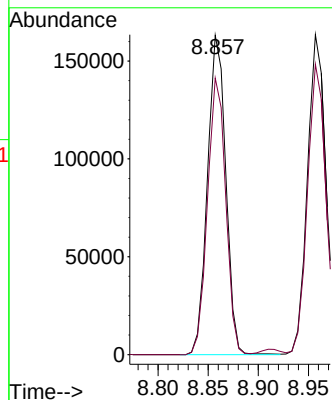
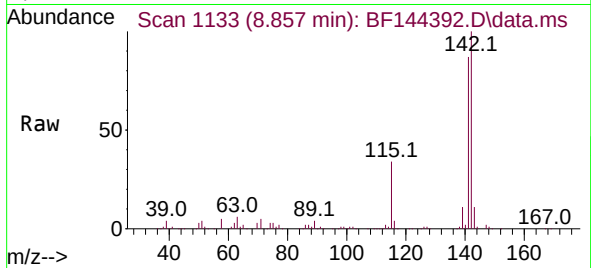




#37
2-Methylnaphthalene
Concen: 39.944 ng
RT: 8.857 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

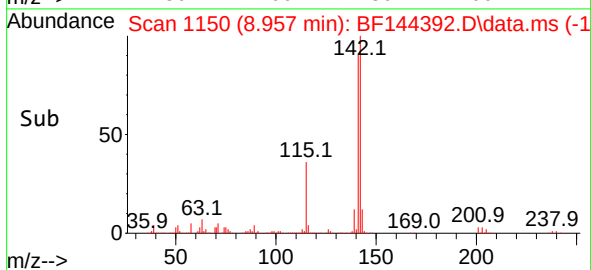
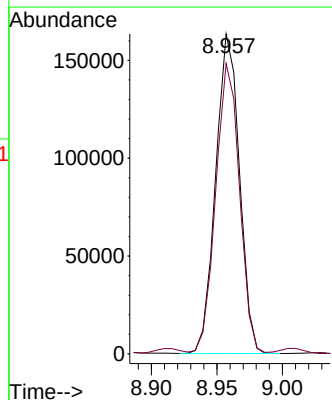
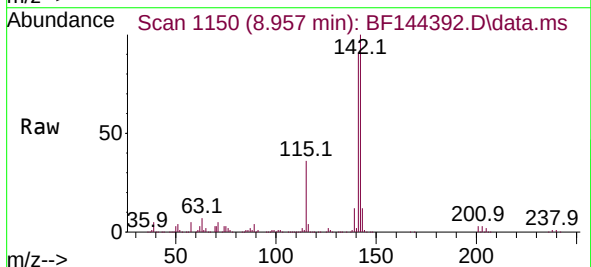
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

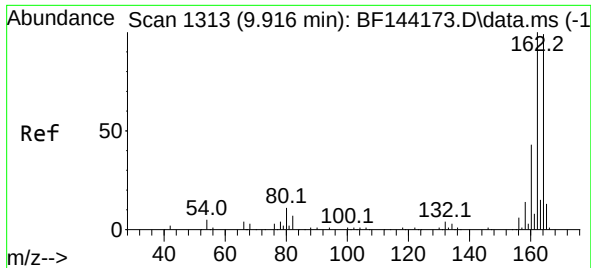
Tgt Ion:142 Resp: 206870
Ion Ratio Lower Upper
142 100
141 86.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 41.259 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:142 Resp: 206178
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1

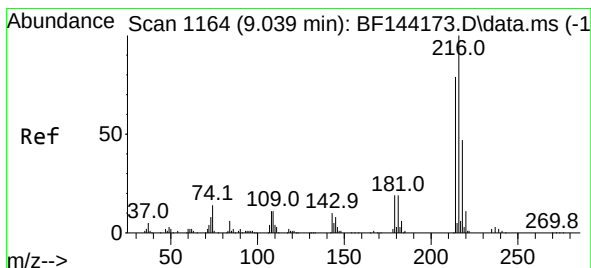
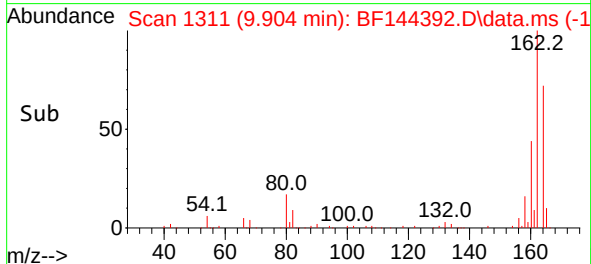
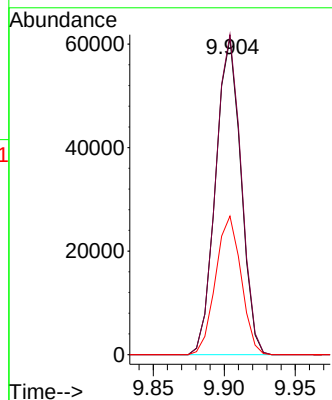
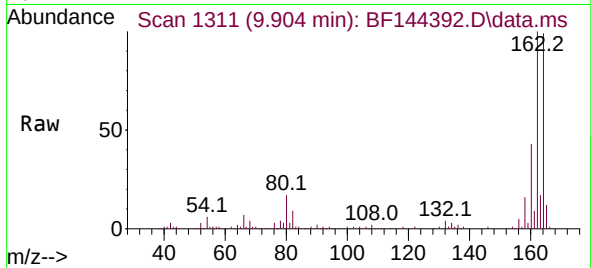




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

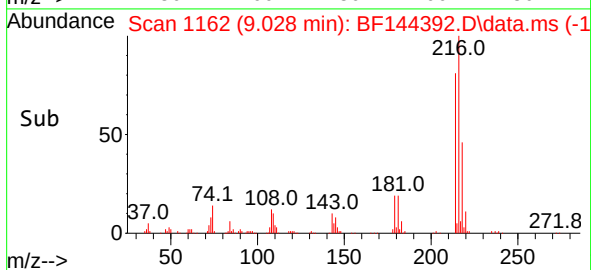
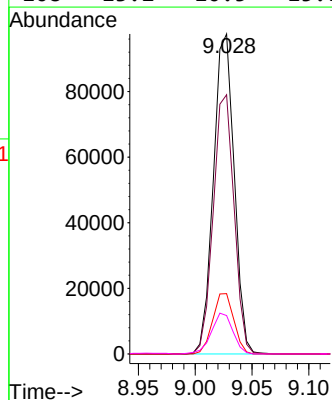
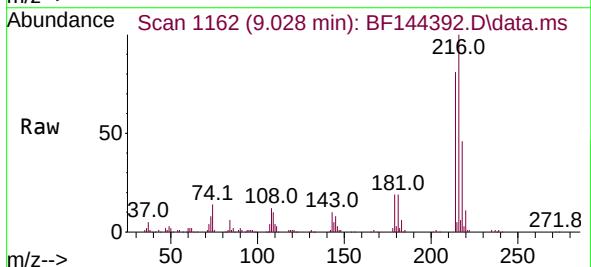
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

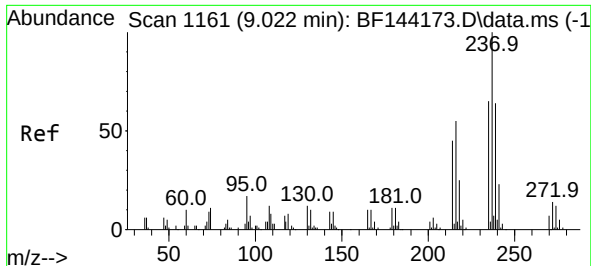
Tgt Ion:164 Resp: 75668
Ion Ratio Lower Upper
164 100
162 101.1 81.1 121.7
160 43.8 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.060 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:216 Resp: 124144
Ion Ratio Lower Upper
216 100
214 81.0 63.4 95.2
179 19.1 15.0 22.4
108 13.2 10.5 15.7

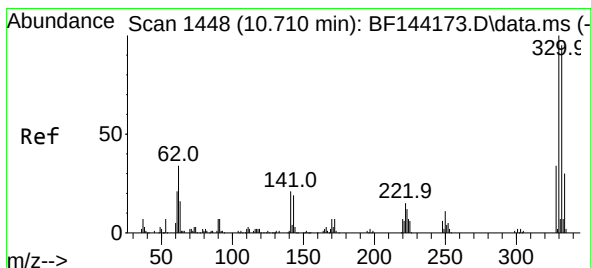
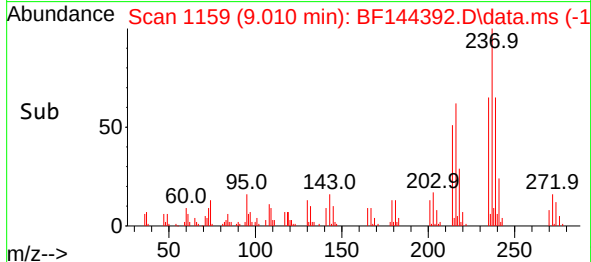
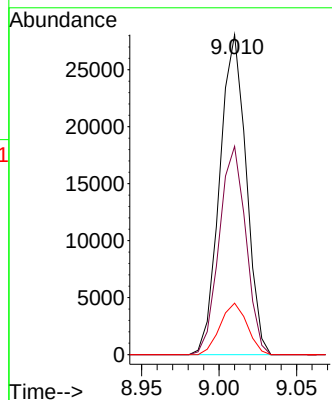
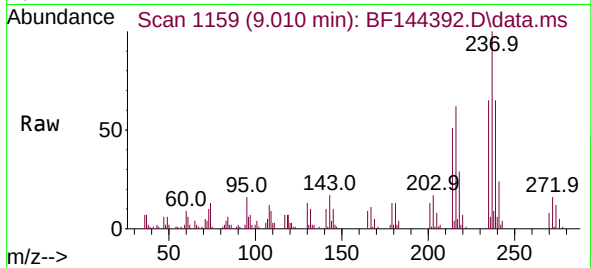




#41
Hexachlorocyclopentadiene
Concen: 43.093 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

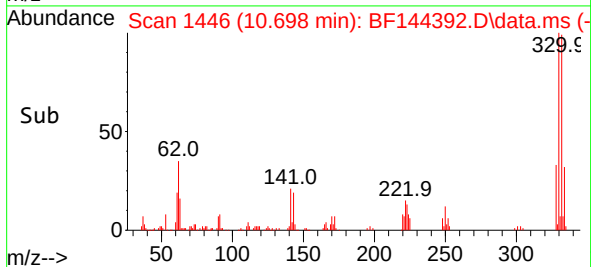
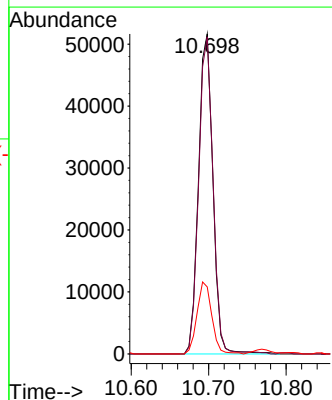
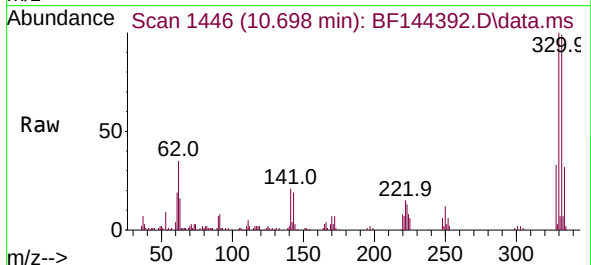
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

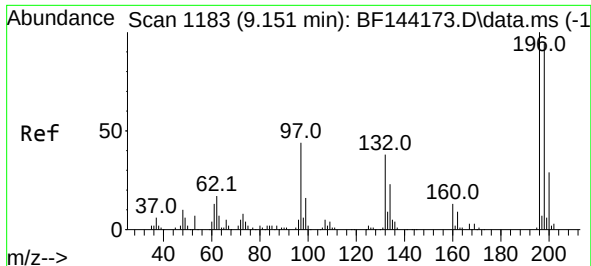
Tgt Ion:	237	Resp:	33420
Ion Ratio	Lower	Upper	
237	100		
235	65.1	45.5	85.5
272	16.1	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 70.056 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:	330	Resp:	66521
Ion Ratio	Lower	Upper	
330	100		
332	98.2	76.7	115.1
141	23.0	17.8	26.8





#43

2,4,6-Trichlorophenol

Concen: 47.252 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

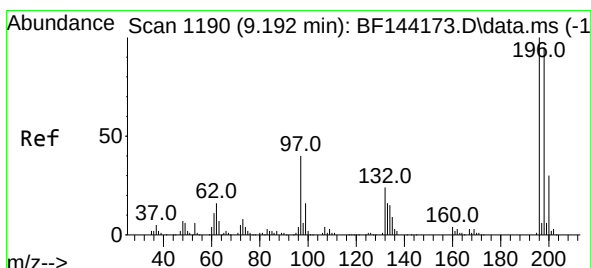
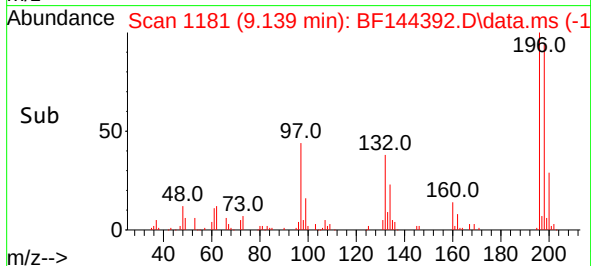
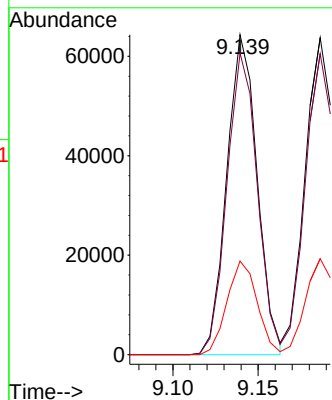
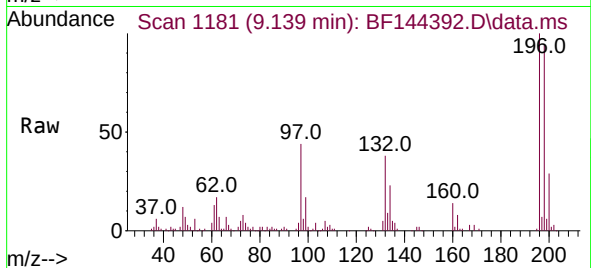
Tgt Ion:196 Resp: 79754

Ion Ratio Lower Upper

196 100

198 94.2 75.3 112.9

200 29.2 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 45.637 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Tgt Ion:196 Resp: 83020

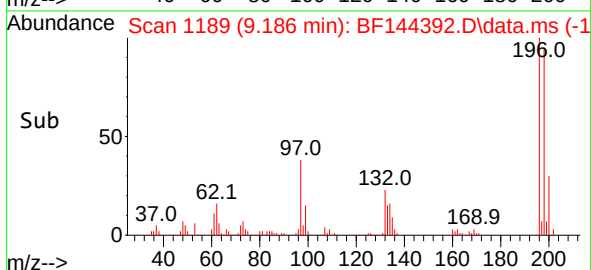
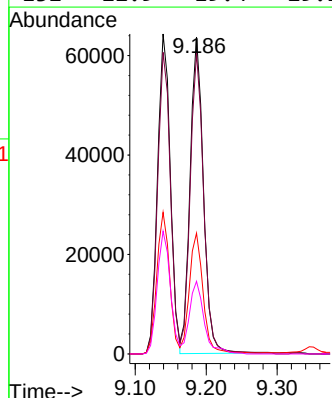
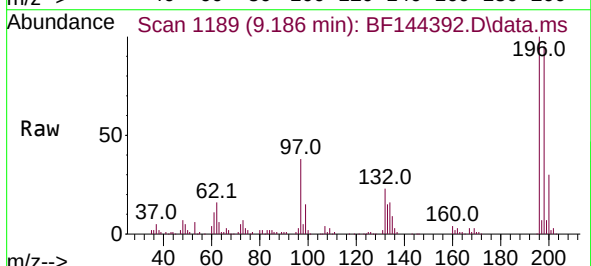
Ion Ratio Lower Upper

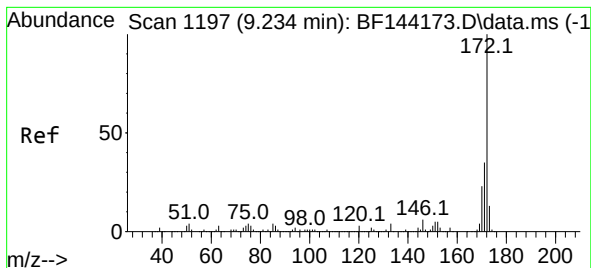
196 100

198 94.9 76.1 114.1

97 38.1 31.9 47.9

132 22.9 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 45.964 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

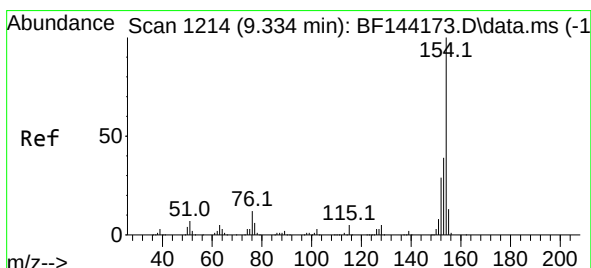
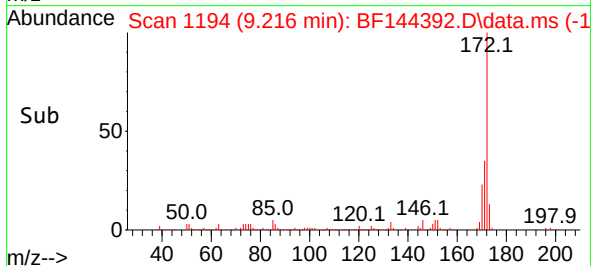
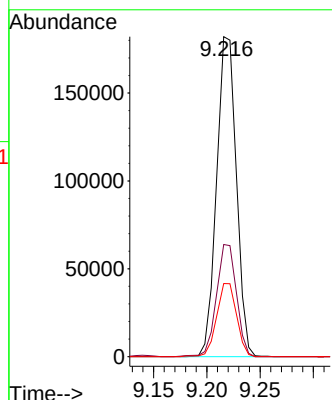
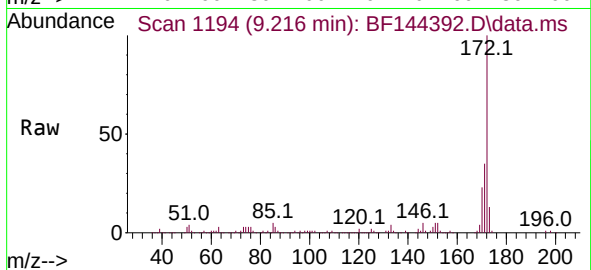
Tgt Ion:172 Resp: 235489

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 22.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 51.330 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

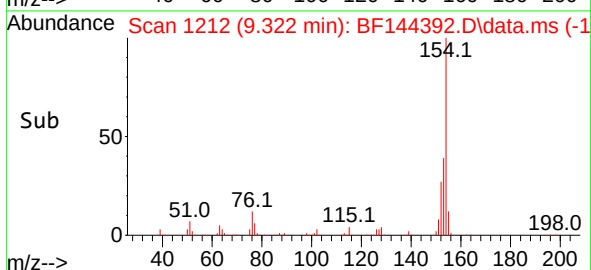
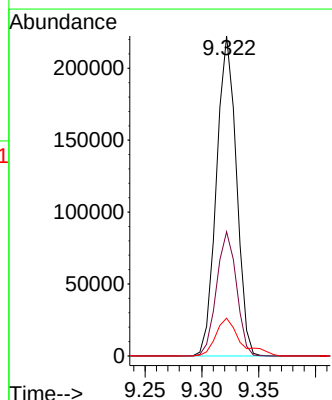
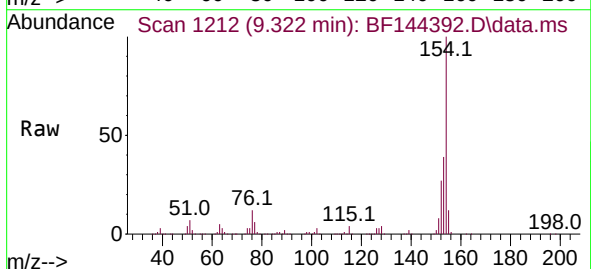
Tgt Ion:154 Resp: 271117

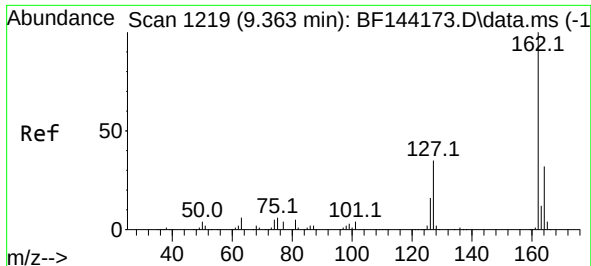
Ion Ratio Lower Upper

154 100

153 38.8 19.2 59.2

76 11.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 48.518 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

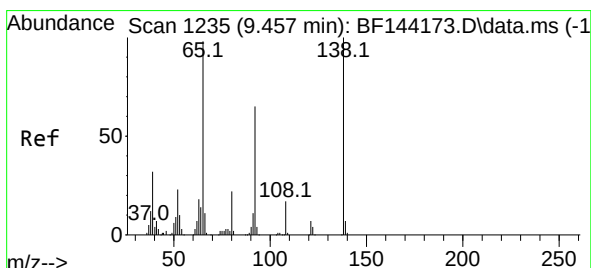
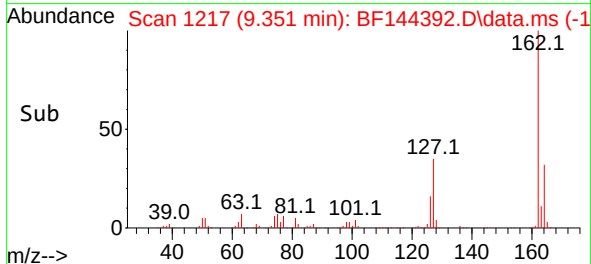
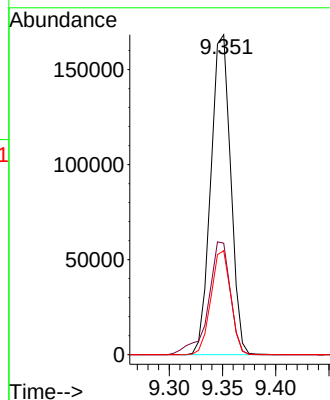
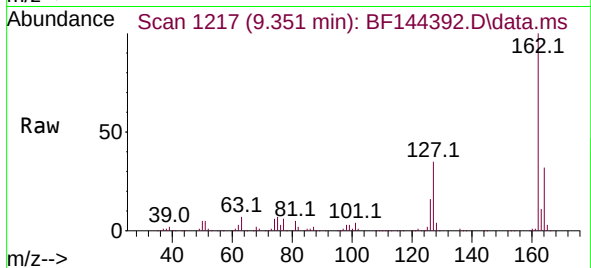
Tgt Ion:162 Resp: 218598

Ion Ratio Lower Upper

162 100

127 34.8 28.8 43.2

164 32.5 25.8 38.8



#48

2-Nitroaniline

Concen: 48.415 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

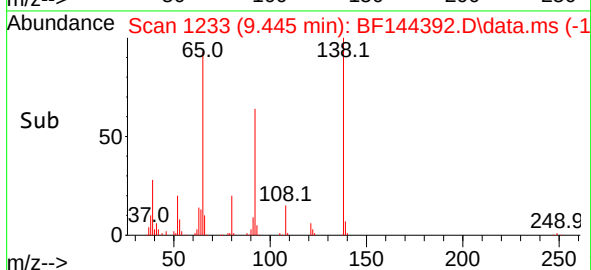
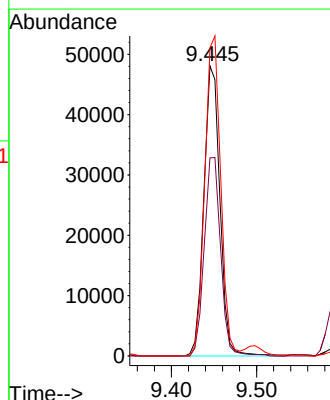
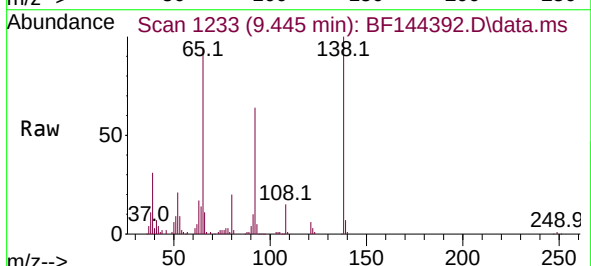
Tgt Ion: 65 Resp: 62939

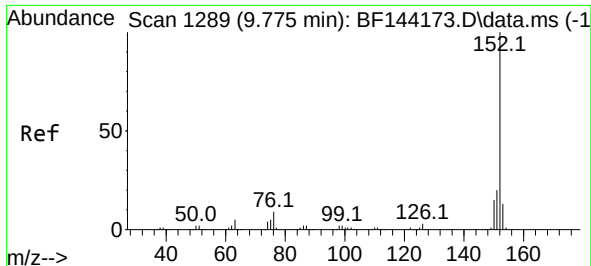
Ion Ratio Lower Upper

65 100

92 68.3 53.0 79.6

138 106.3 81.6 122.4

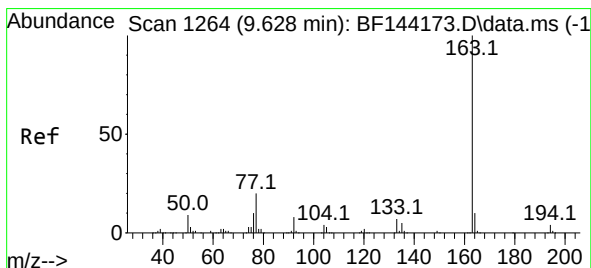
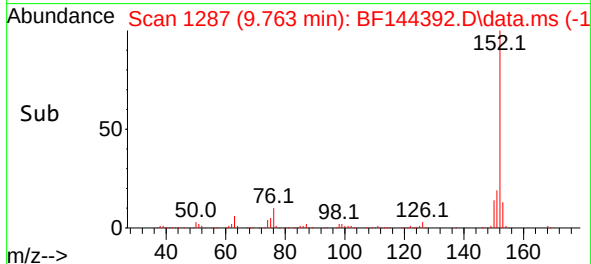
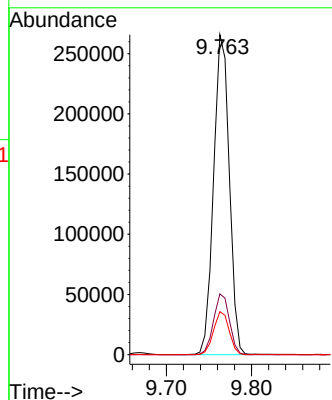
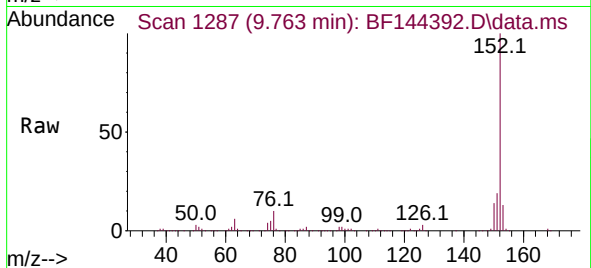




#49
Acenaphthylene
Concen: 55.445 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

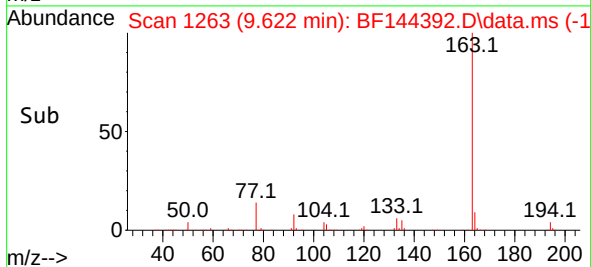
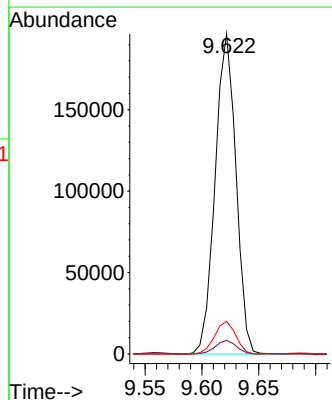
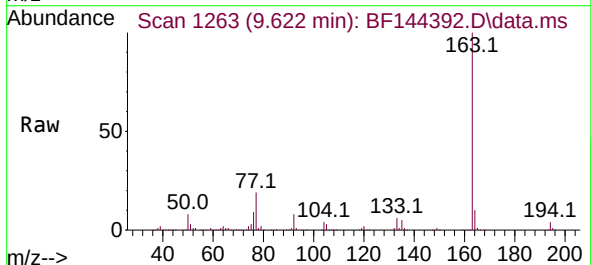
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

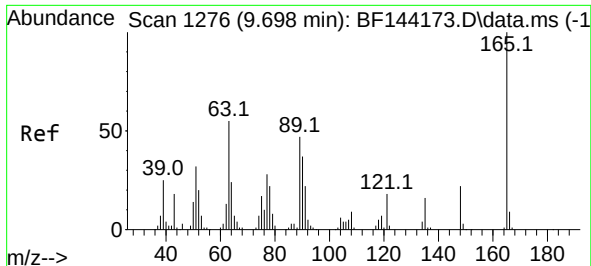
Tgt Ion:152 Resp: 340422
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 49.952 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:163 Resp: 250400
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.1 12.1

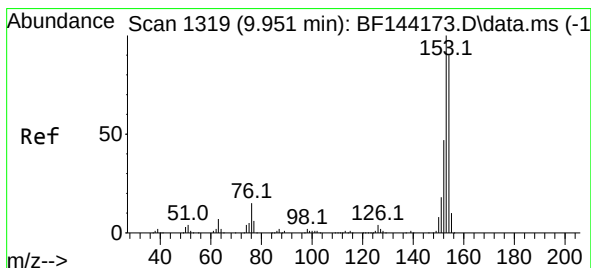
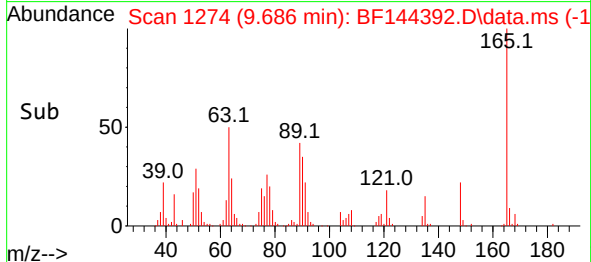
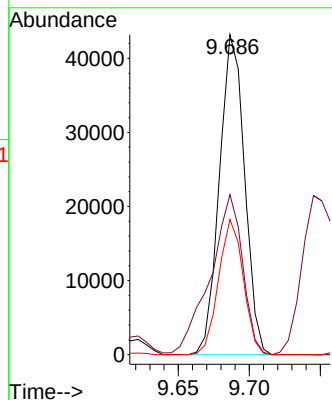
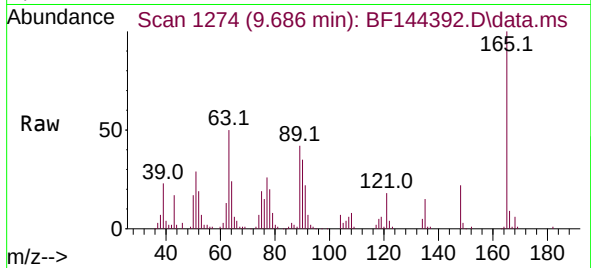




#51
2,6-Dinitrotoluene
Concen: 52.431 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

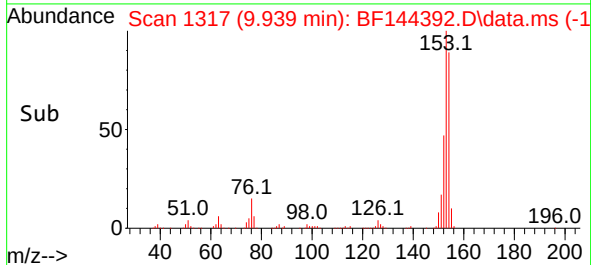
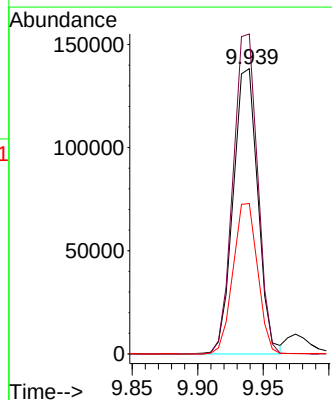
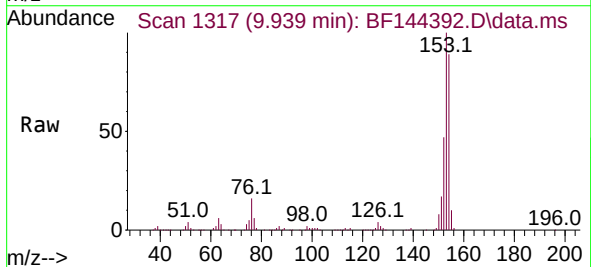
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

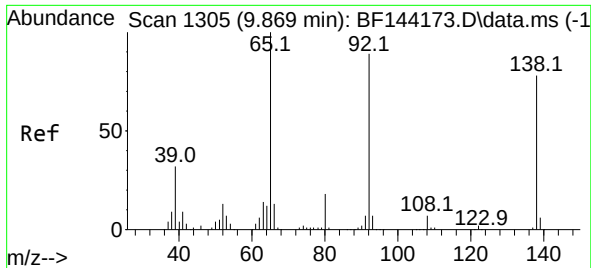
Tgt Ion:165 Resp: 53205
Ion Ratio Lower Upper
165 100
63 50.0 43.8 65.8
89 42.2 37.5 56.3



#52
Acenaphthene
Concen: 44.101 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:154 Resp: 181069
Ion Ratio Lower Upper
154 100
153 112.2 89.0 133.4
152 52.7 42.2 63.4

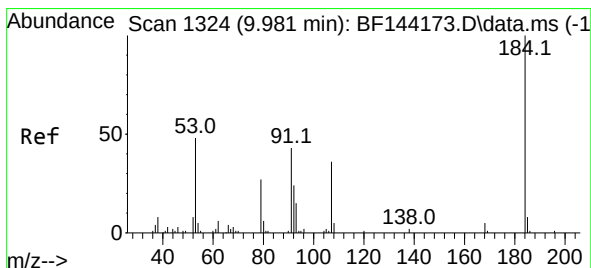
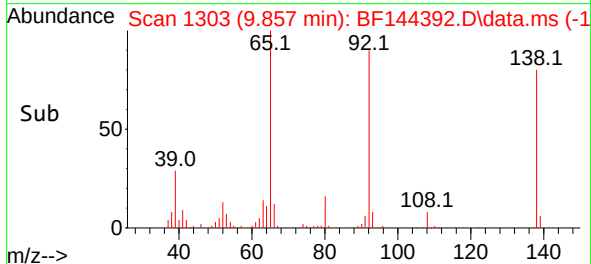
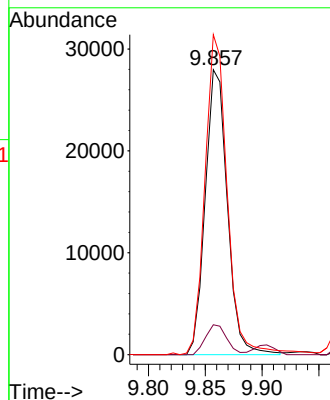
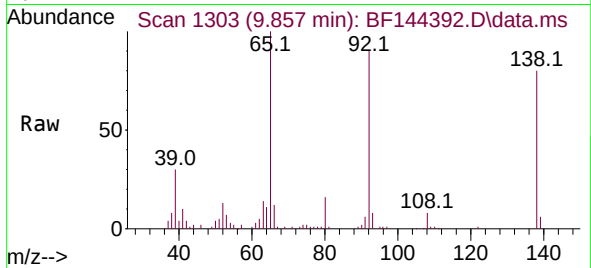




#53
3-Nitroaniline
Concen: 34.170 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

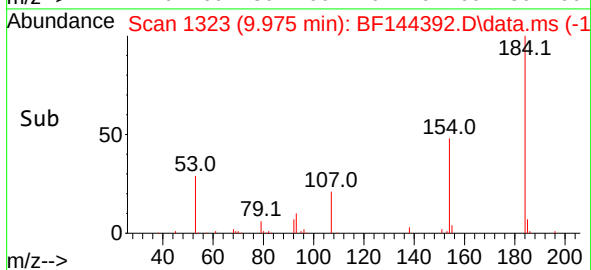
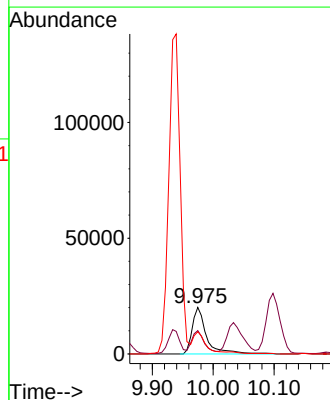
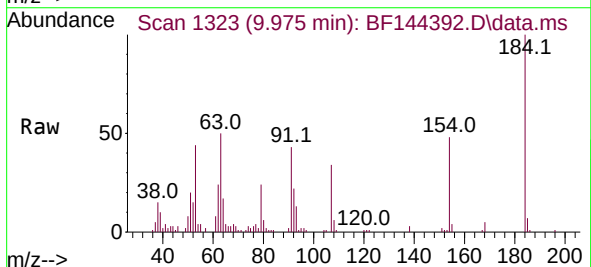
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

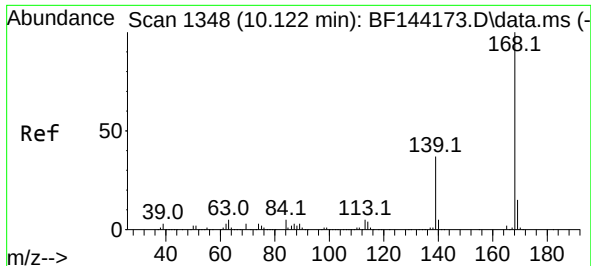
Tgt Ion:138	Resp:	37904
Ion Ratio	Lower	Upper
138	100	
108	10.5	7.5 11.3
92	112.3	91.8 137.6



#54
2,4-Dinitrophenol
Concen: 53.462 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:184	Resp:	32760
Ion Ratio	Lower	Upper
184	100	
63	50.0	44.0 66.0
154	47.8	42.4 63.6

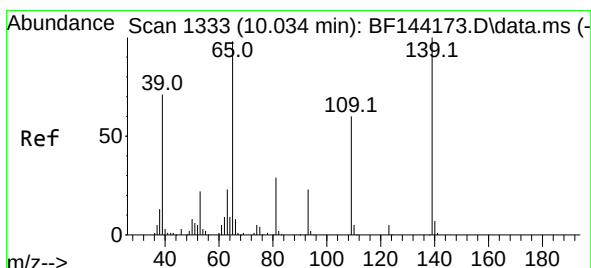
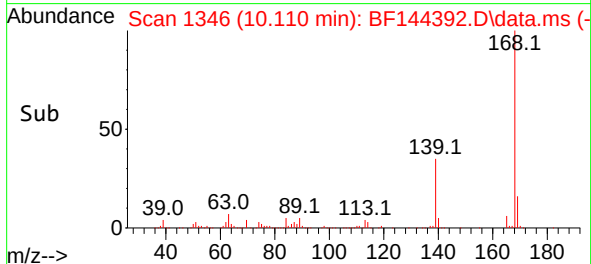
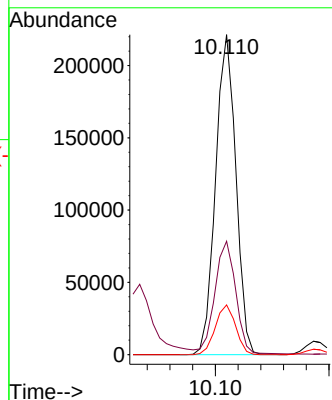
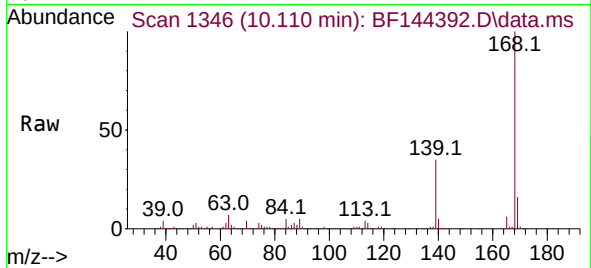




#55
Dibenzenofuran
Concen: 47.698 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

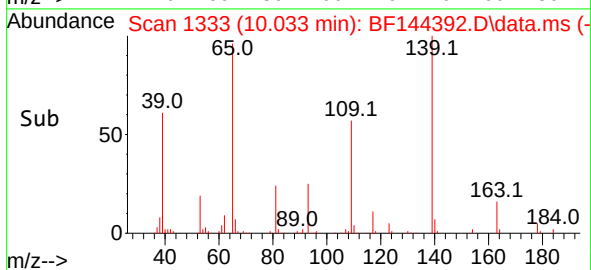
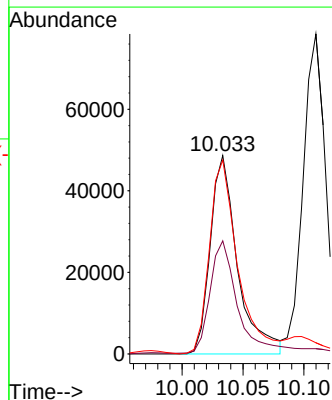
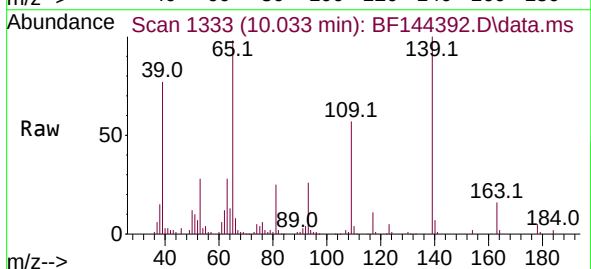
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

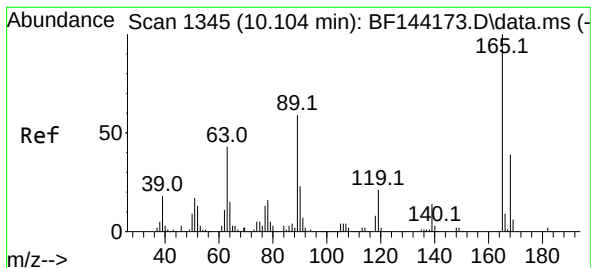
Tgt Ion:168 Resp: 274275
Ion Ratio Lower Upper
168 100
139 35.4 30.2 45.2
169 15.5 12.2 18.4



#56
4-Nitrophenol
Concen: 94.390 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:139 Resp: 75741
Ion Ratio Lower Upper
139 100
109 57.0 39.9 79.9
65 97.8 79.5 119.5

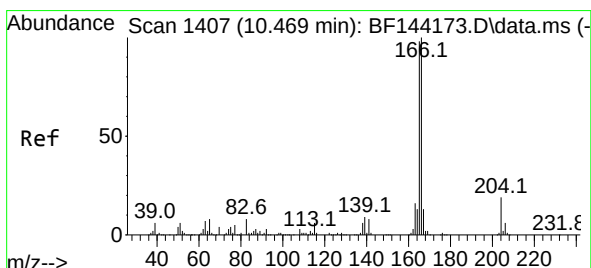
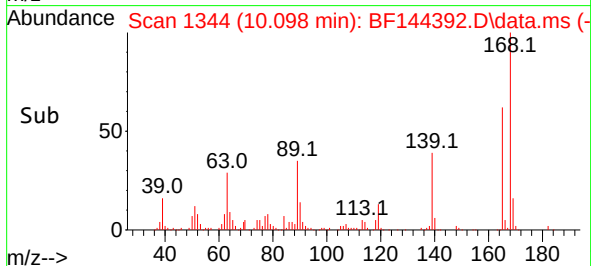
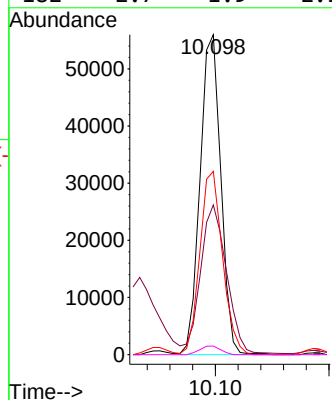
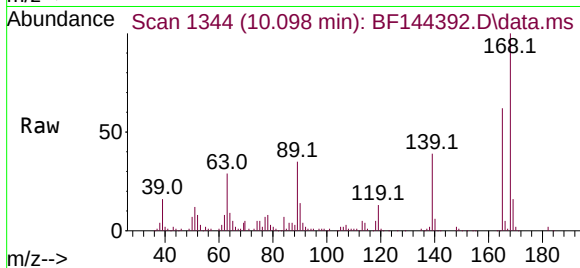




#57
2,4-Dinitrotoluene
Concen: 52.347 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

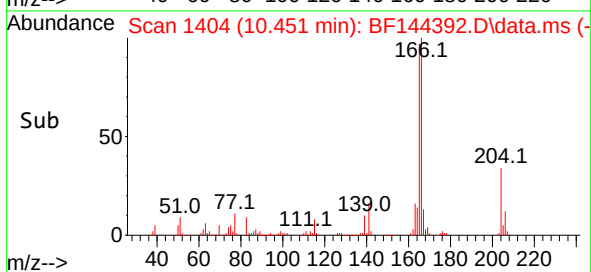
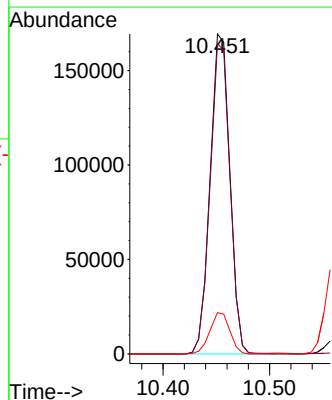
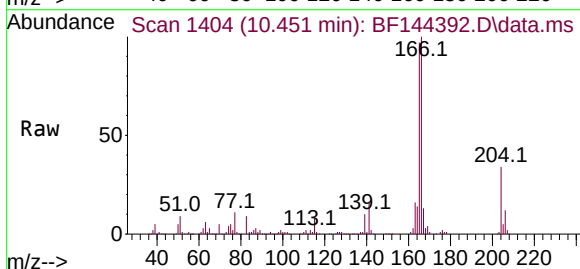
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

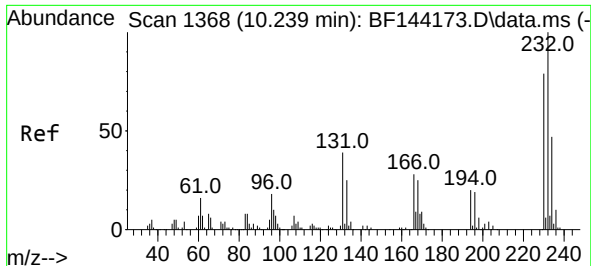
Tgt Ion:	165	Resp:	71111
Ion Ratio	Lower	Upper	
165	100		
63	46.8	35.5	53.3
89	57.3	47.4	71.2
182	2.7	1.9	2.9



#58
Fluorene
Concen: 49.973 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:	166	Resp:	218481
Ion Ratio	Lower	Upper	
166	100		
165	97.0	78.6	118.0
167	12.9	10.4	15.6

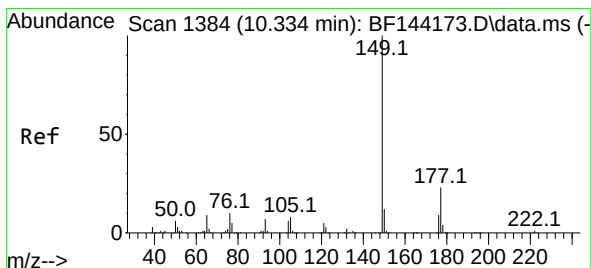
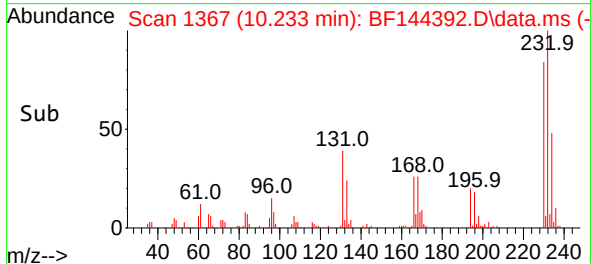
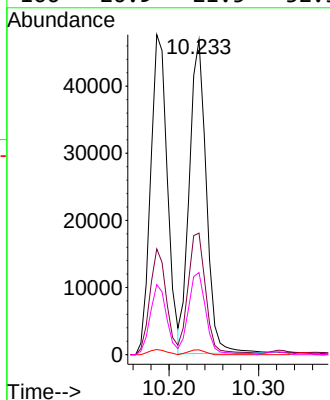
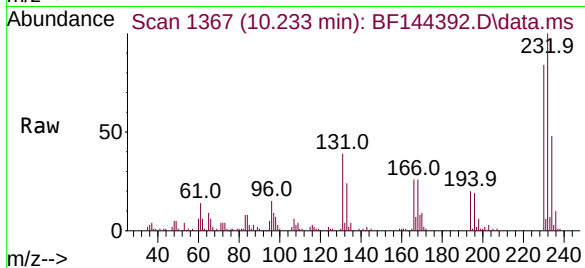




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.658 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

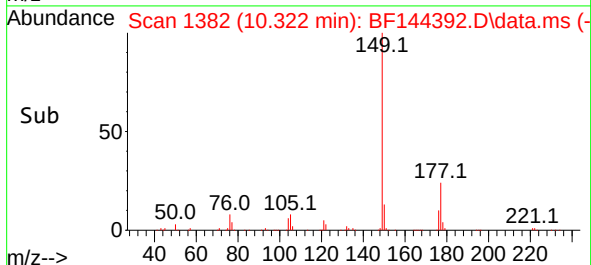
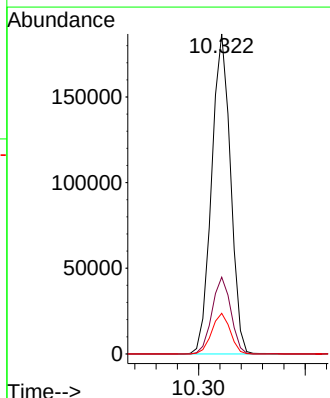
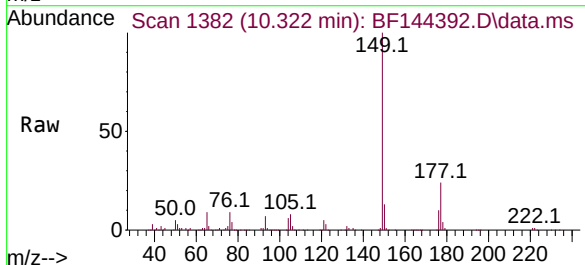
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

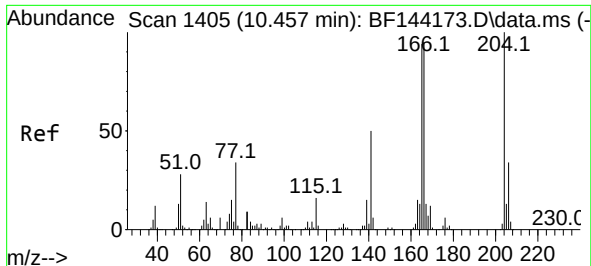
Tgt Ion:232 Resp: 61338
Ion Ratio Lower Upper
232 100
131 39.7 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3



#60
Diethylphthalate
Concen: 49.825 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:149 Resp: 230244
Ion Ratio Lower Upper
149 100
177 24.0 18.3 27.5
150 12.7 9.8 14.6

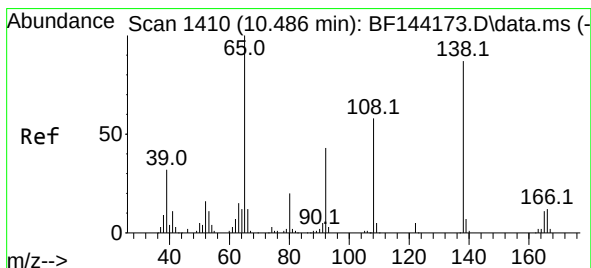
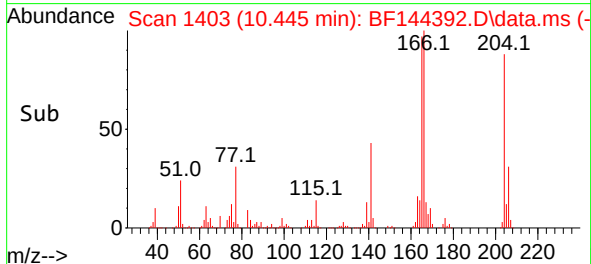
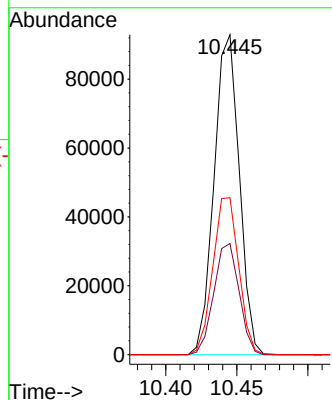
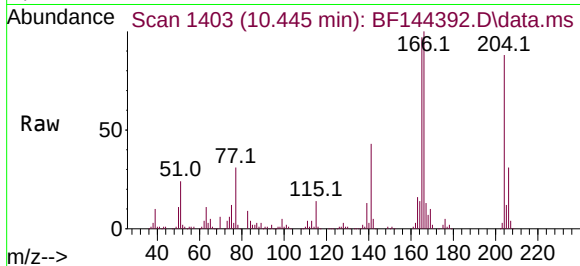




#61
4-Chlorophenyl-phenylether
Concen: 46.111 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

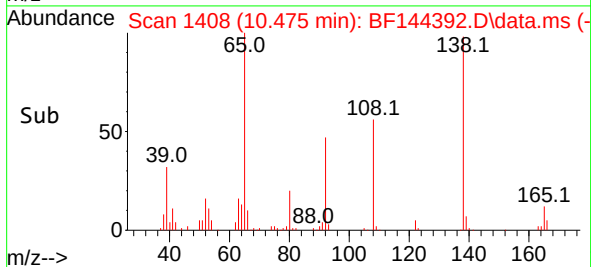
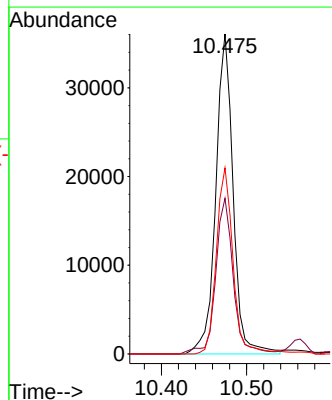
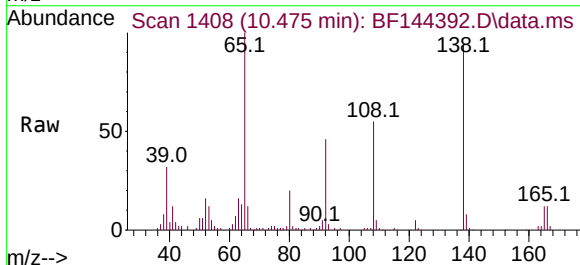
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

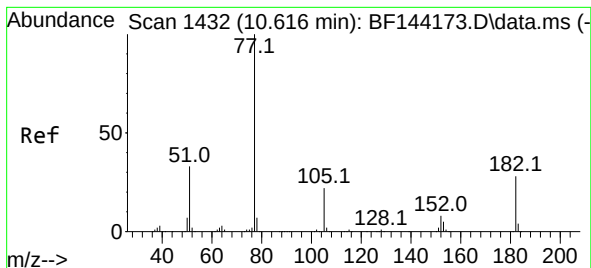
Tgt Ion:204 Resp: 114834
Ion Ratio Lower Upper
204 100
206 34.7 27.4 41.2
141 49.0 40.0 60.0



#62
4-Nitroaniline
Concen: 48.294 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:138 Resp: 51018
Ion Ratio Lower Upper
138 100
92 48.6 29.4 69.4
108 58.1 46.4 86.4





#63

Azobenzene

Concen: 52.101 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

Tgt Ion: 77 Resp: 224073

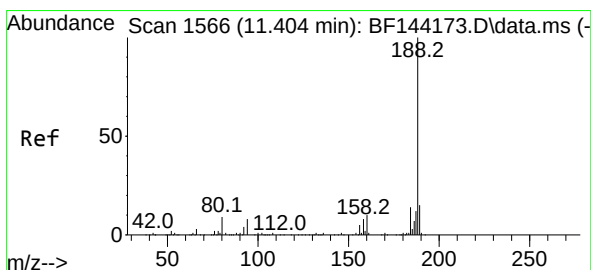
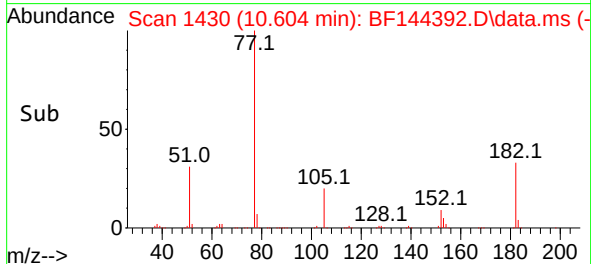
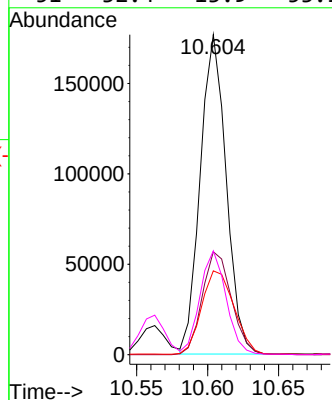
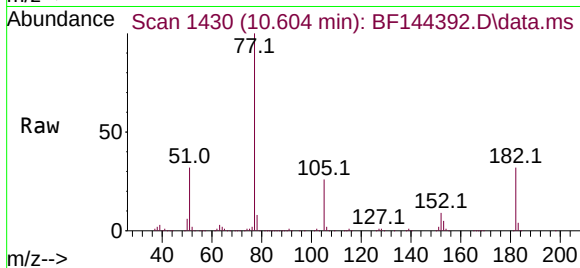
Ion Ratio Lower Upper

77 100

182 32.1 8.1 48.1

105 26.2 2.0 42.0

51 32.4 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: BF144392.D

Acq: 01 Dec 2025 17:43

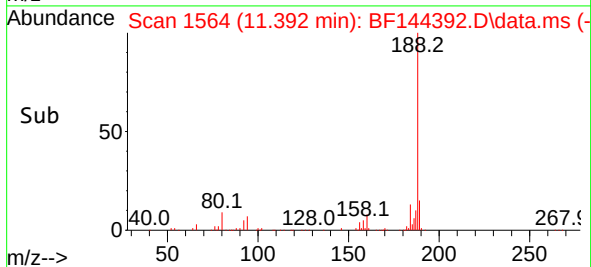
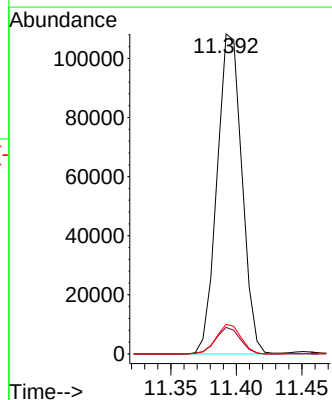
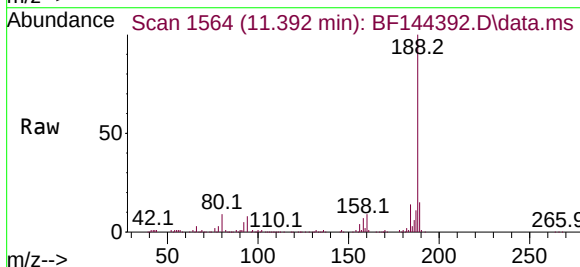
Tgt Ion: 188 Resp: 143189

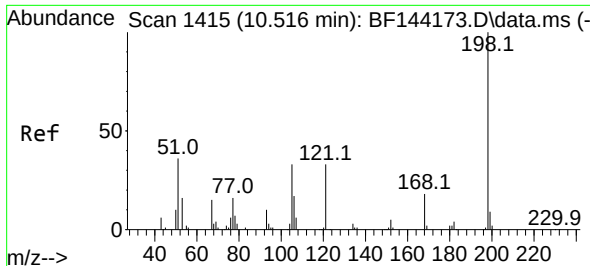
Ion Ratio Lower Upper

188 100

94 8.3 6.2 9.2

80 9.2 6.9 10.3

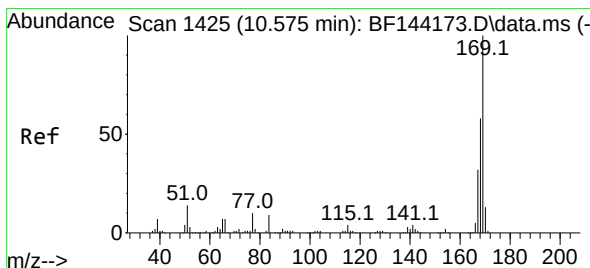
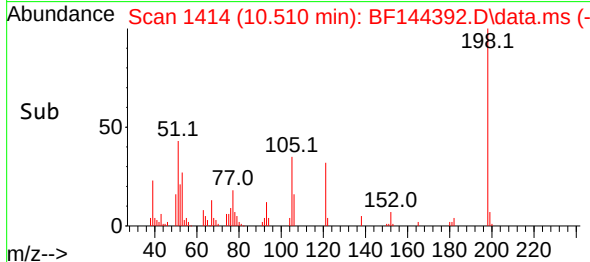
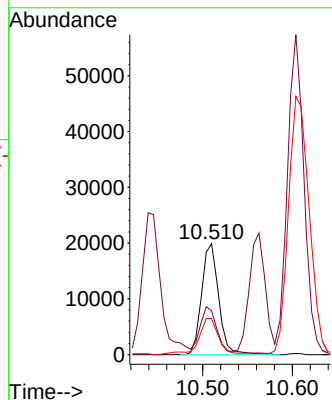
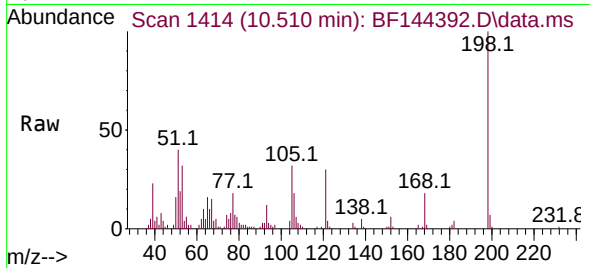




#65
4,6-Dinitro-2-methylphenol
Concen: 26.989 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

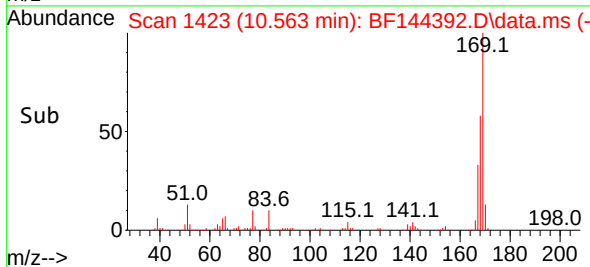
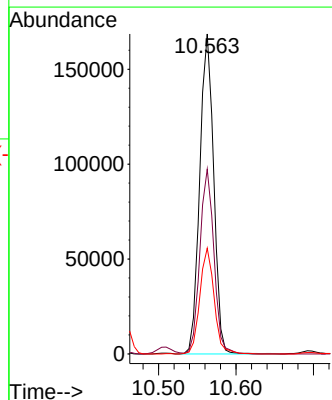
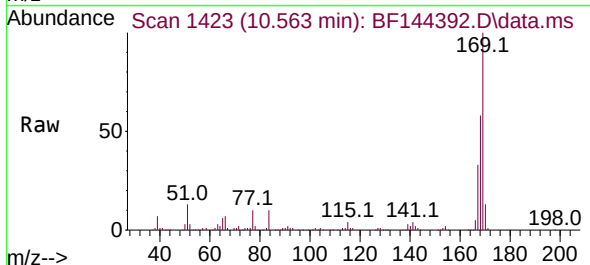
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

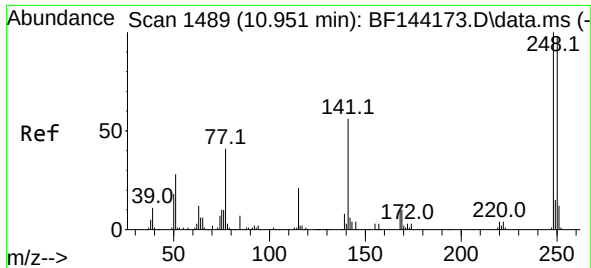
Tgt Ion:198 Resp: 26253
Ion Ratio Lower Upper
198 100
51 39.6 25.6 65.6
105 32.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 45.728 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:169 Resp: 210592
Ion Ratio Lower Upper
169 100
168 57.7 46.2 69.2
167 33.0 25.7 38.5

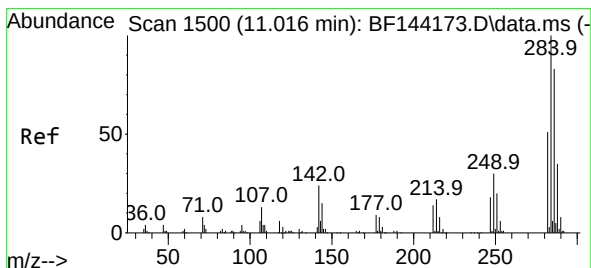
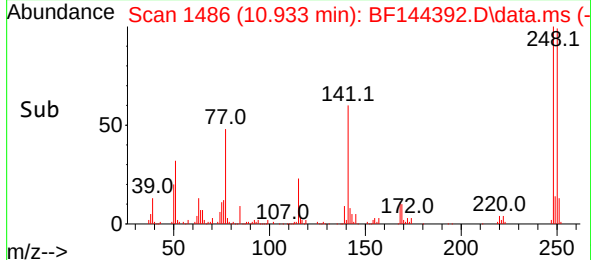
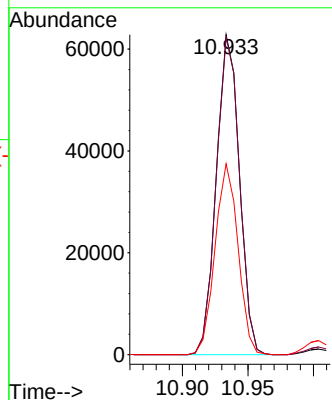
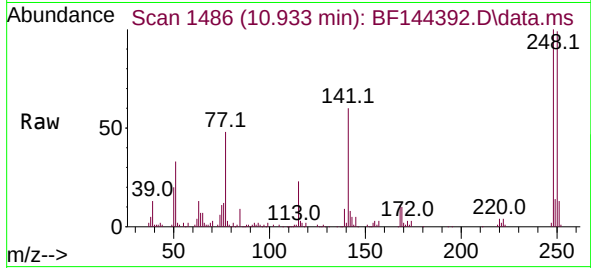




#67
4-Bromophenyl-phenylether
Concen: 42.202 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

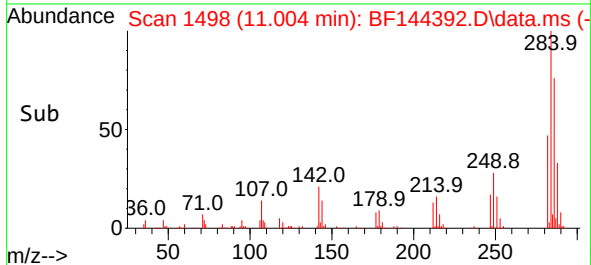
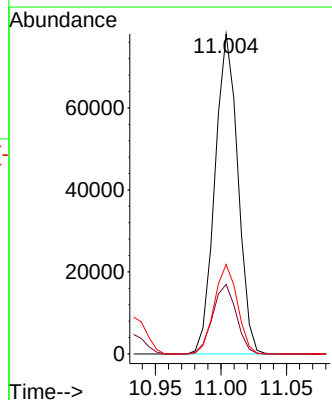
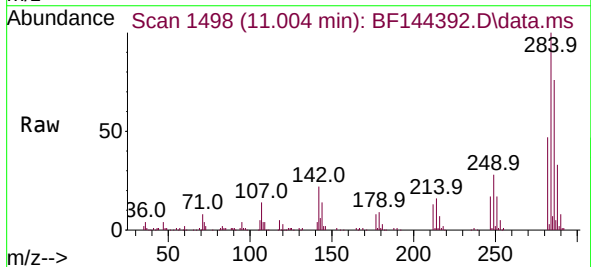
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

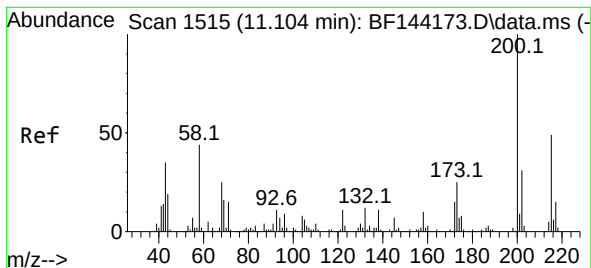
Tgt Ion:248 Resp: 77131
Ion Ratio Lower Upper
248 100
250 99.1 78.4 117.6
141 59.6 45.1 67.7



#68
Hexachlorobenzene
Concen: 44.168 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:284 Resp: 95083
Ion Ratio Lower Upper
284 100
142 21.7 19.2 28.8
249 27.9 23.8 35.8





#69

Atrazine

Concen: 49.697 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

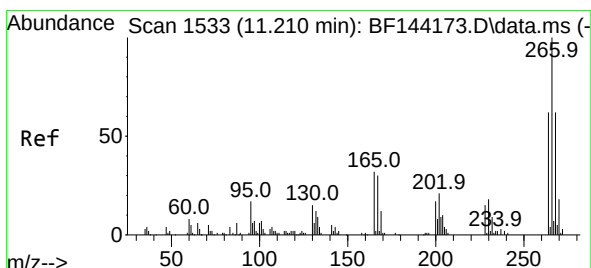
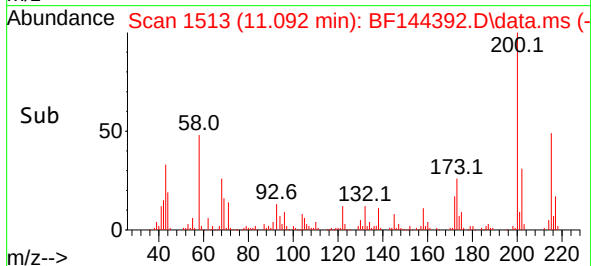
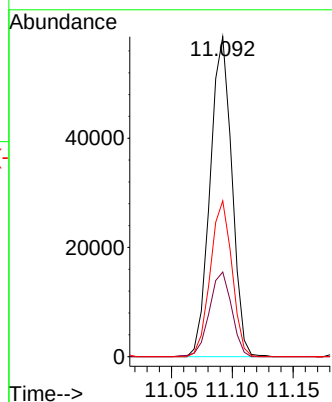
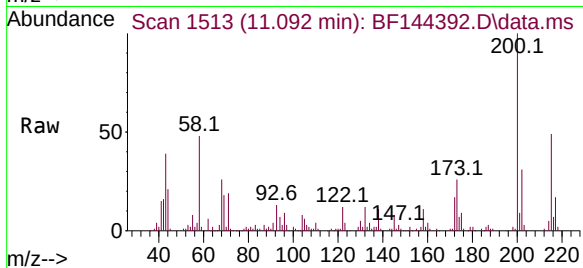
Tgt Ion:200 Resp: 72787

Ion Ratio Lower Upper

200 100

173 26.4 5.0 45.0

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 95.915 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

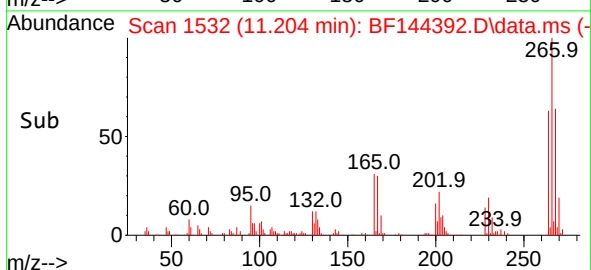
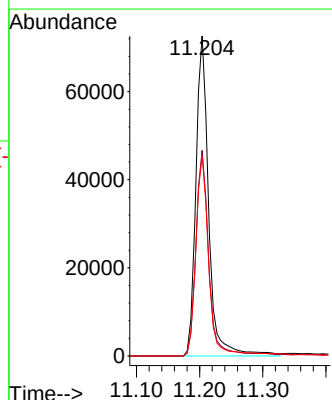
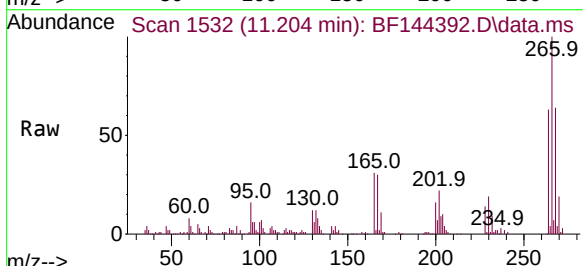
Tgt Ion:266 Resp: 102820

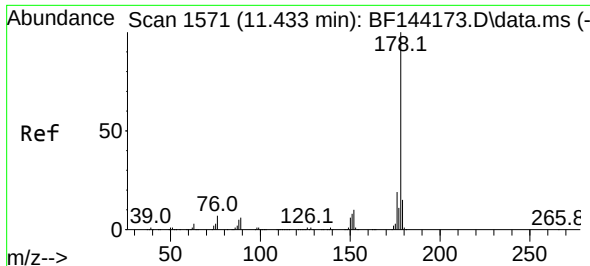
Ion Ratio Lower Upper

266 100

268 64.2 49.5 74.3

264 62.6 49.4 74.2

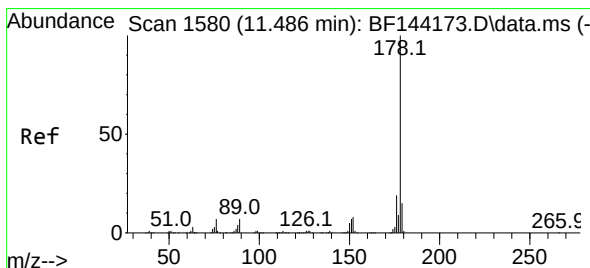
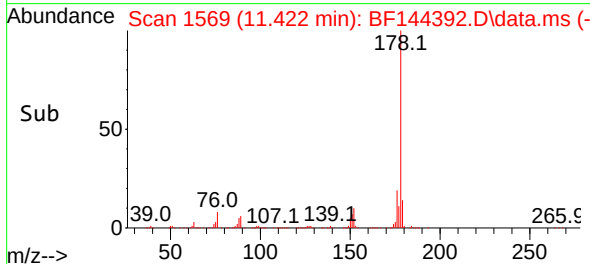
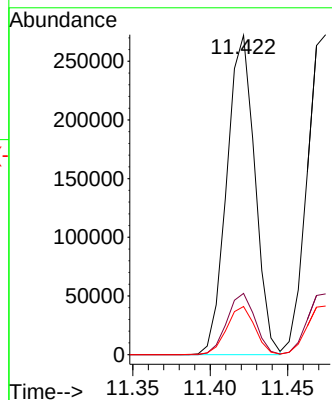
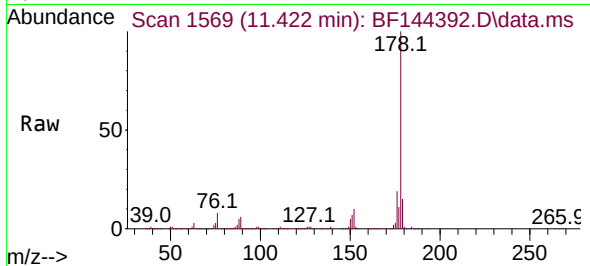




#71
Phenanthrene
Concen: 48.128 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

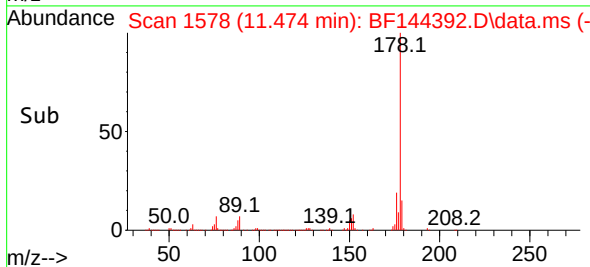
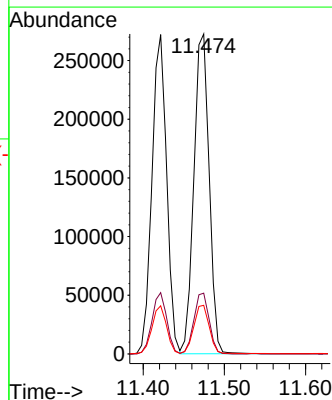
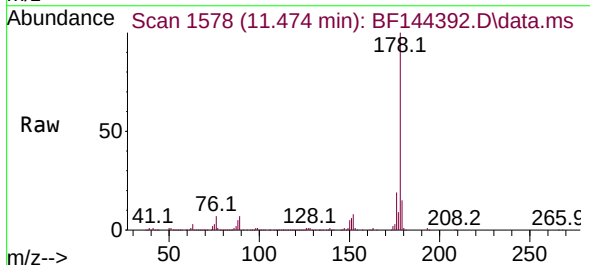
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

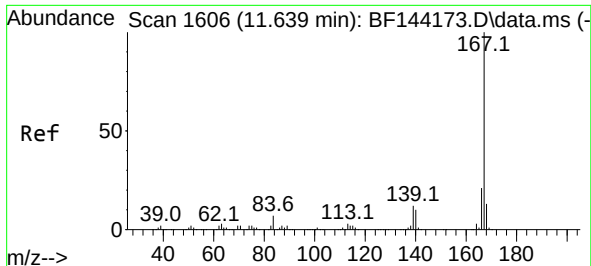
Tgt Ion:178 Resp: 343113
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.0 12.2 18.4



#72
Anthracene
Concen: 48.937 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:178 Resp: 354751
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.0 18.0

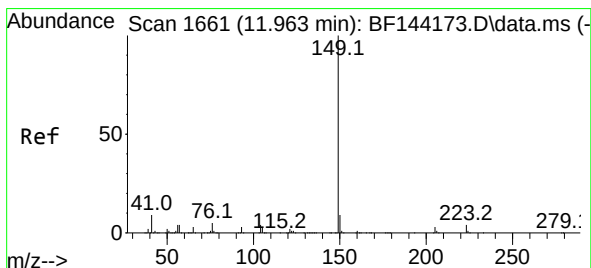
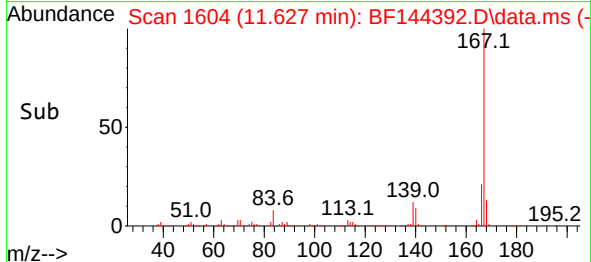
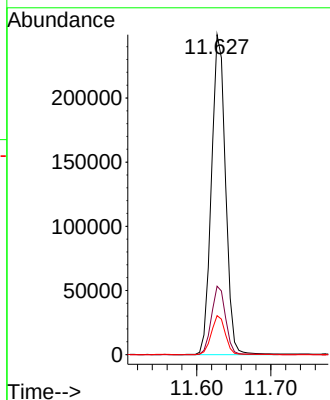
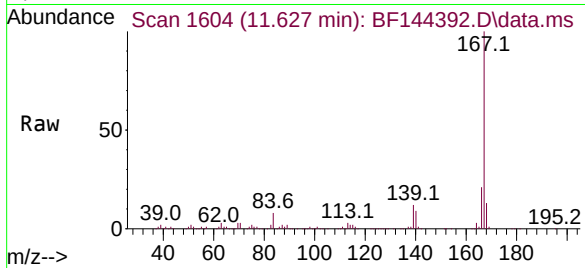




#73
 Carbazole
 Concen: 53.223 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144392.D
 Acq: 01 Dec 2025 17:43

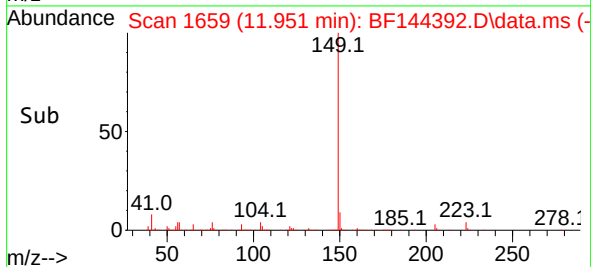
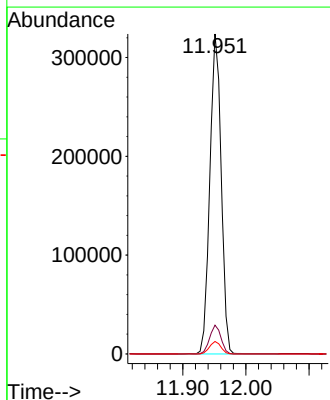
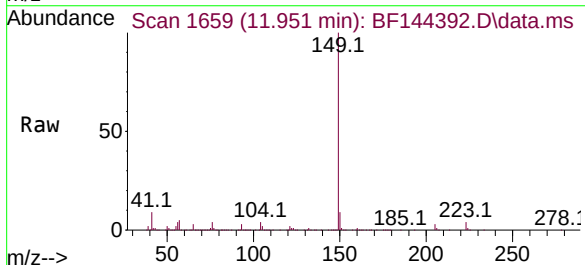
Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625MS

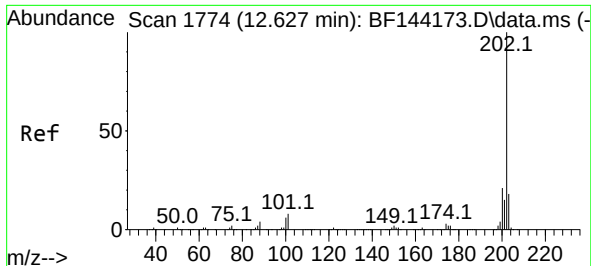
Tgt Ion:167 Resp: 328075
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.2 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 54.261 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144392.D
 Acq: 01 Dec 2025 17:43

Tgt Ion:149 Resp: 404342
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 3.9 3.4 5.2

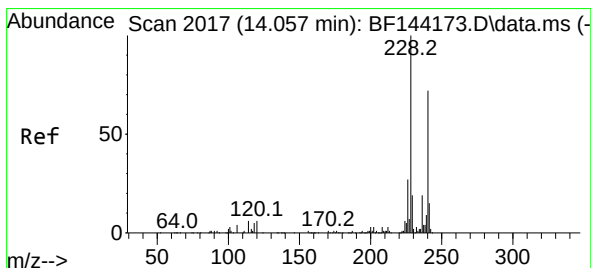
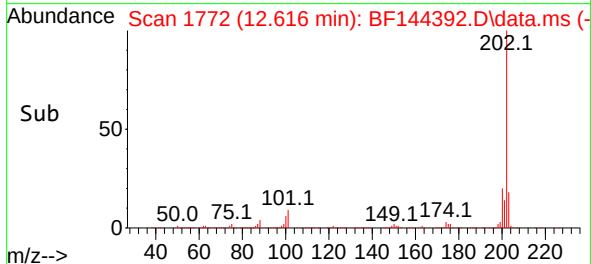
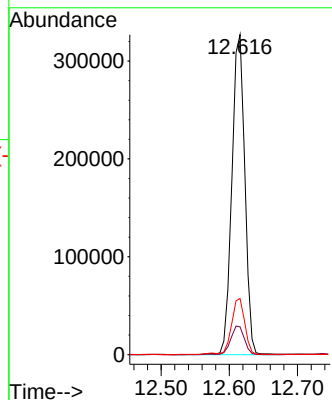
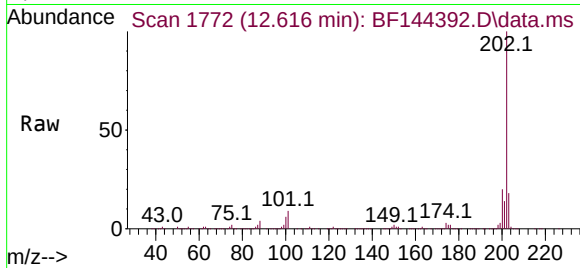




#75
Fluoranthene
Concen: 58.600 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

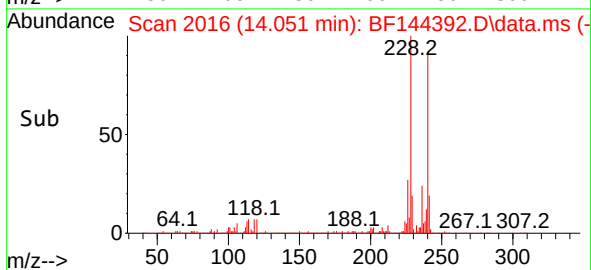
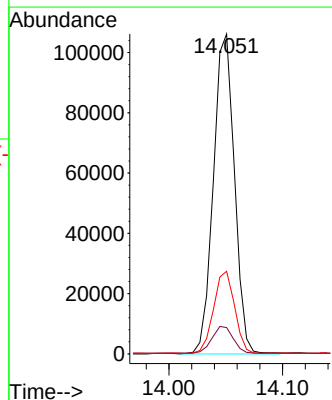
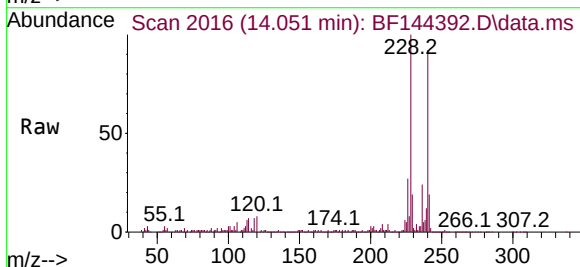
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

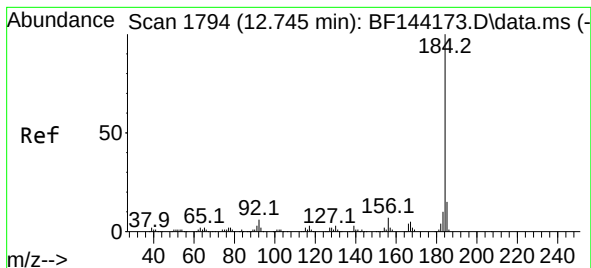
Tgt Ion:202 Resp: 431555
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:240 Resp: 136669
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 25.8 21.4 32.2





#77

Benzidine

Concen: 42.506 ng

RT: 12.739 min Scan# 1793

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

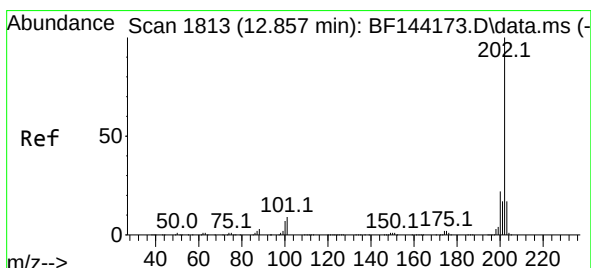
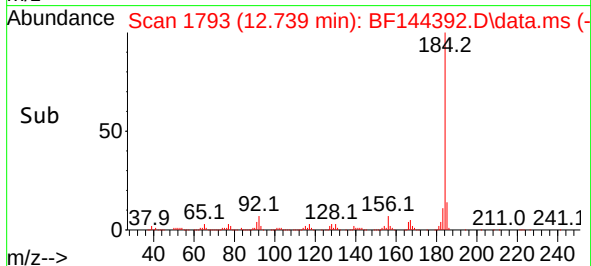
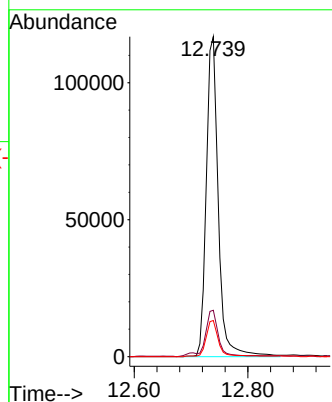
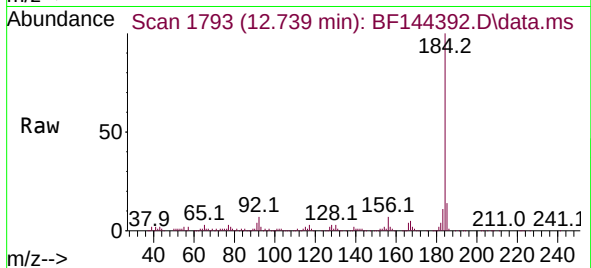
Tgt Ion:184 Resp: 171833

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 11.3 8.3 12.5



#78

Pyrene

Concen: 41.020 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

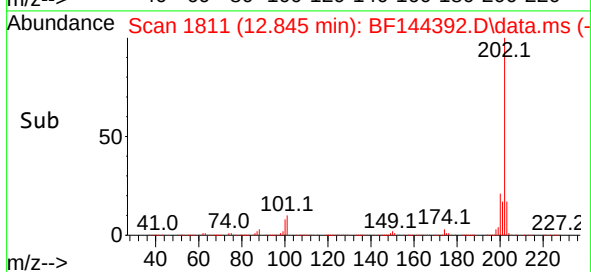
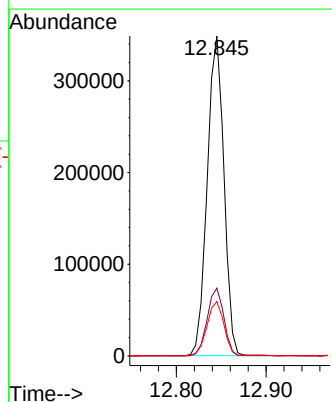
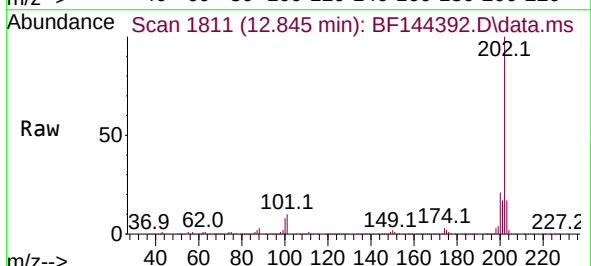
Tgt Ion:202 Resp: 452018

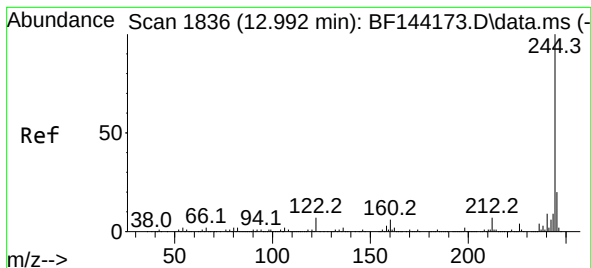
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.0 13.7 20.5





#79

Terphenyl-d14

Concen: 35.925 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144392.D

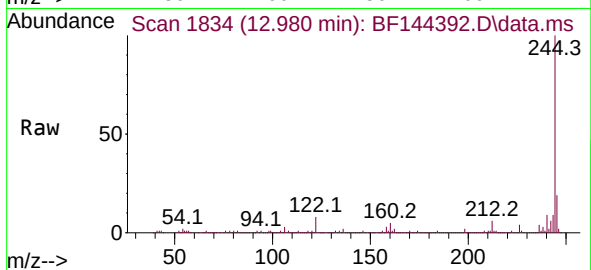
Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS



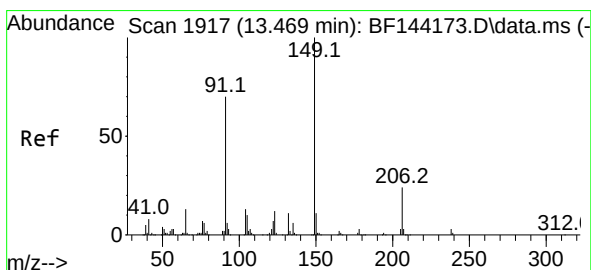
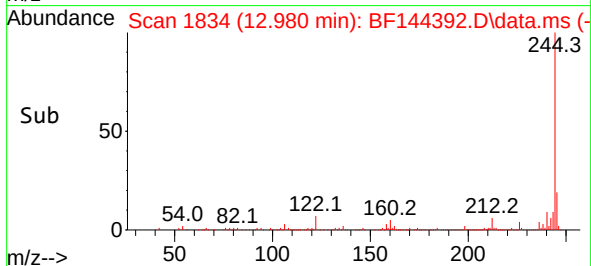
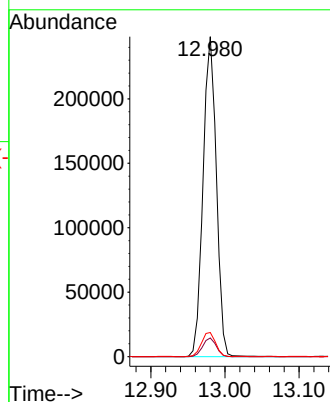
Tgt Ion:244 Resp: 309101

Ion Ratio Lower Upper

244 100

212 5.8 5.3 7.9

122 7.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 50.363 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

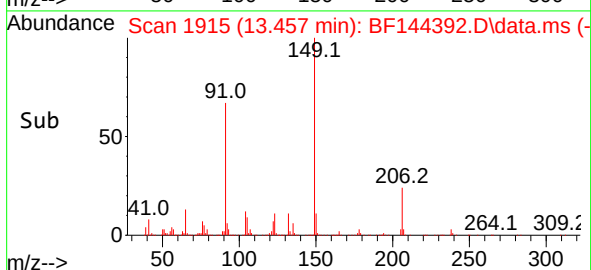
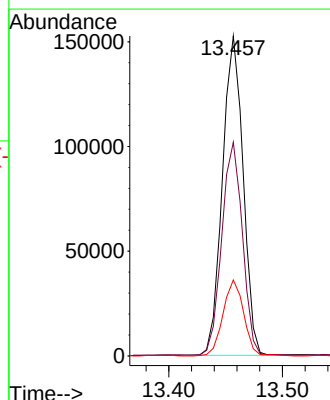
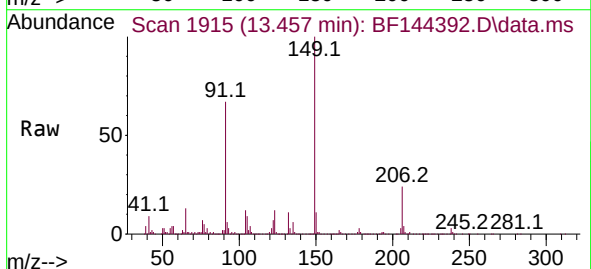
Tgt Ion:149 Resp: 192349

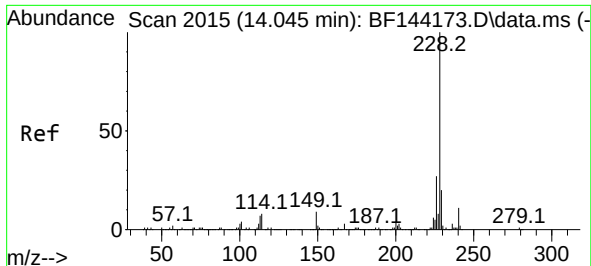
Ion Ratio Lower Upper

149 100

91 66.8 56.1 84.1

206 23.7 18.8 28.2

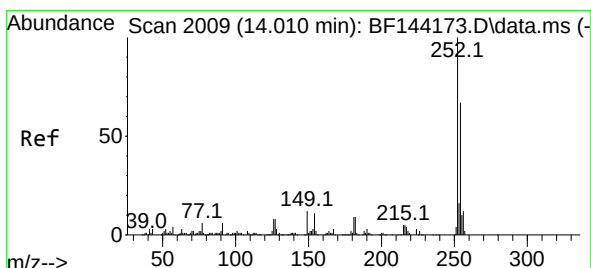
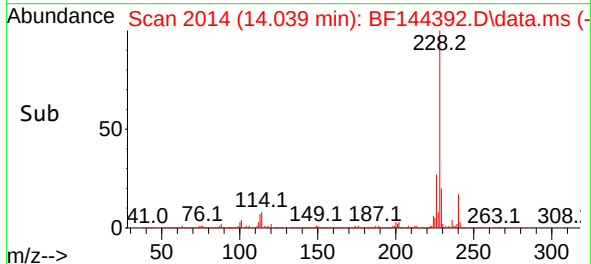
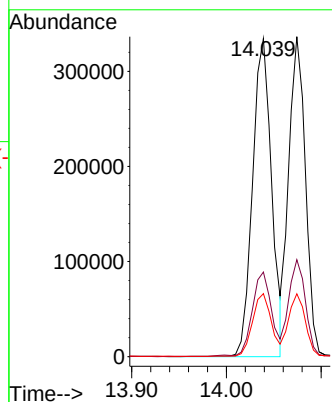
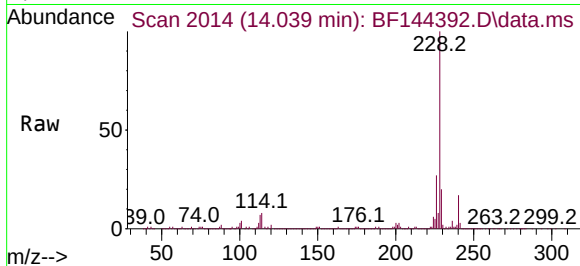




#81
Benzo(a)anthracene
Concen: 49.132 ng
RT: 14.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

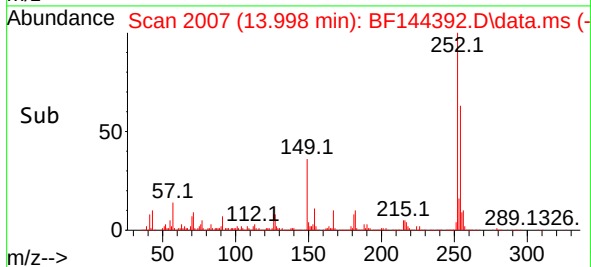
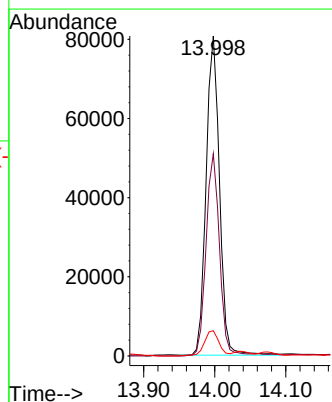
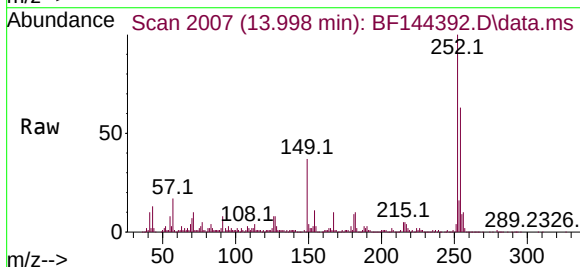
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

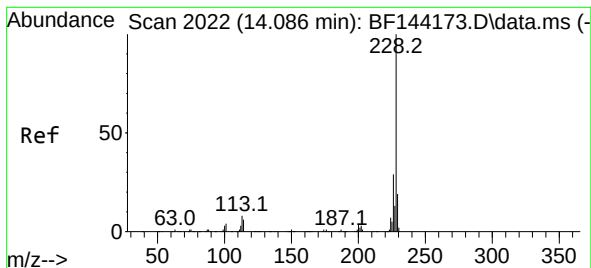
Tgt Ion:228 Resp: 465387
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.356 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:252 Resp: 105053
Ion Ratio Lower Upper
252 100
254 63.2 53.5 80.3
126 7.9 6.4 9.6





#83

Chrysene

Concen: 47.030 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

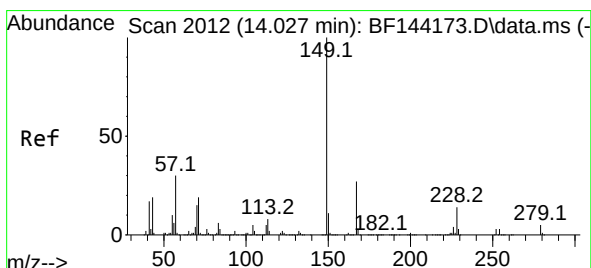
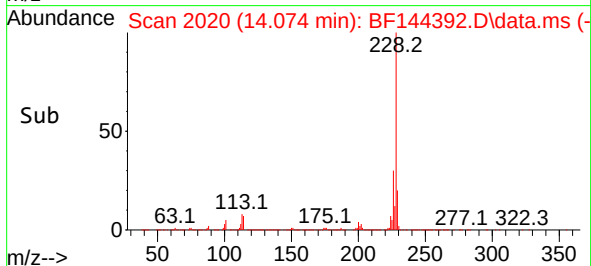
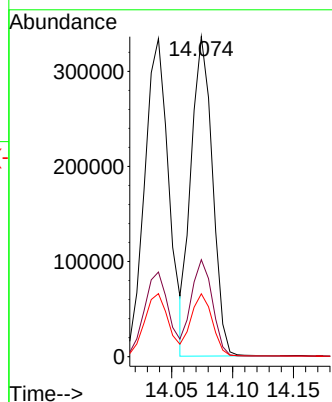
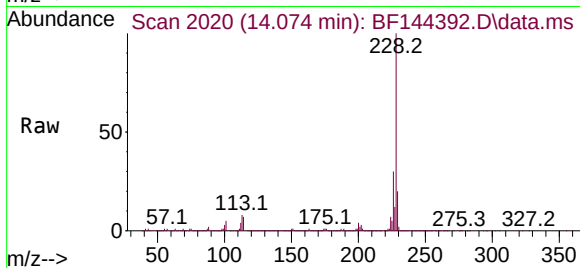
Tgt Ion:228 Resp: 411235

Ion Ratio Lower Upper

228 100

226 30.3 22.9 34.3

229 19.6 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.491 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

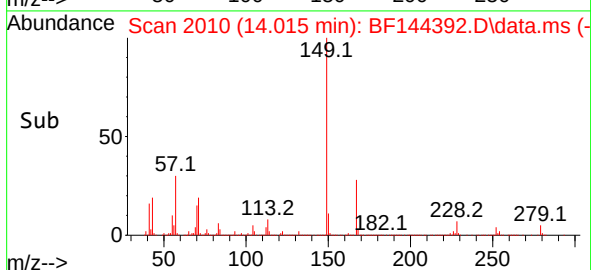
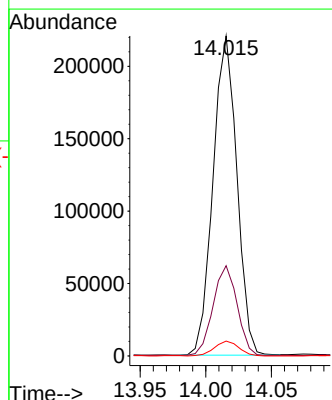
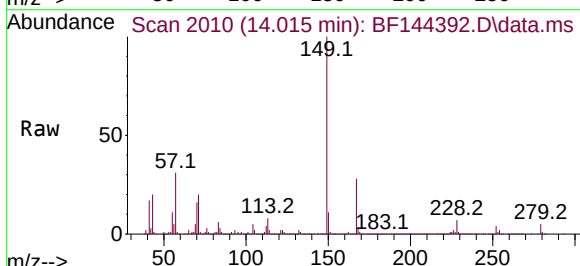
Tgt Ion:149 Resp: 279667

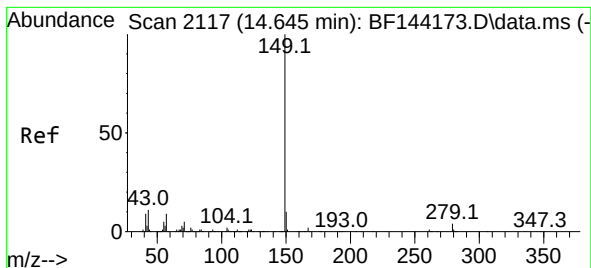
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.6 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 50.582 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.018 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

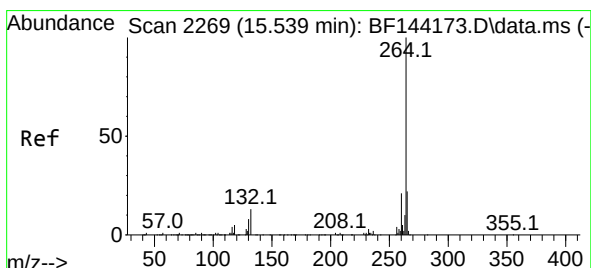
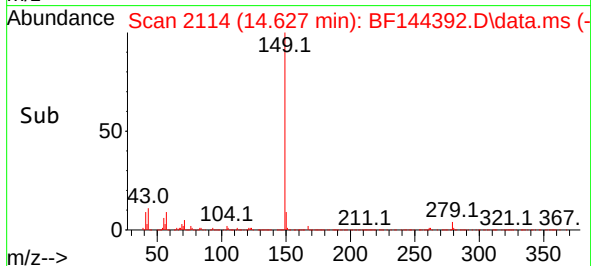
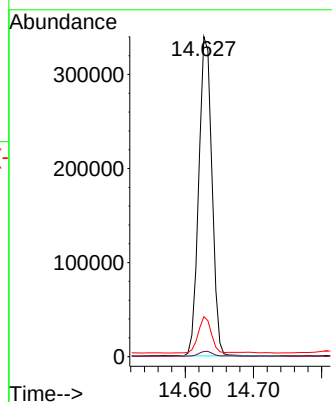
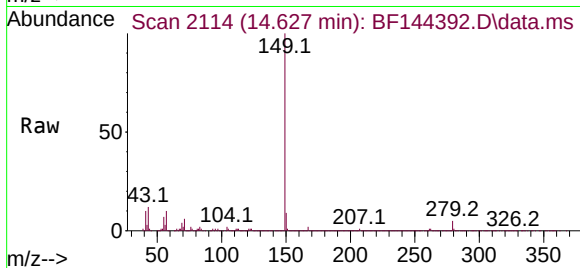
Tgt Ion:149 Resp: 456273

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 11.2 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: BF144392.D

Acq: 01 Dec 2025 17:43

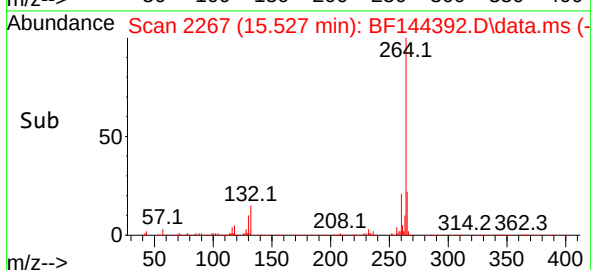
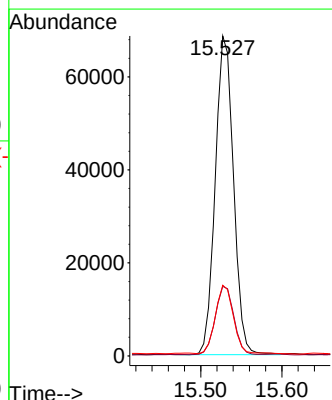
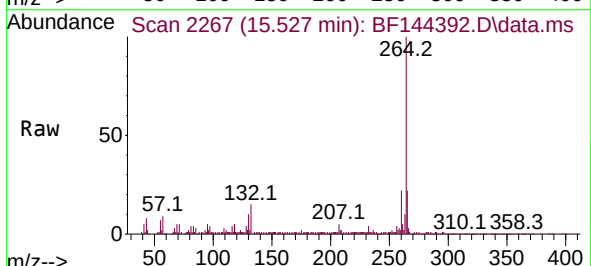
Tgt Ion:264 Resp: 107138

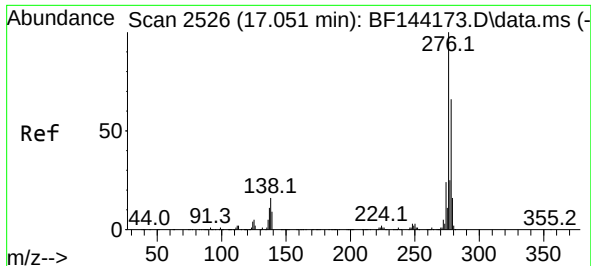
Ion Ratio Lower Upper

264 100

260 21.7 17.1 25.7

265 22.1 17.4 26.0

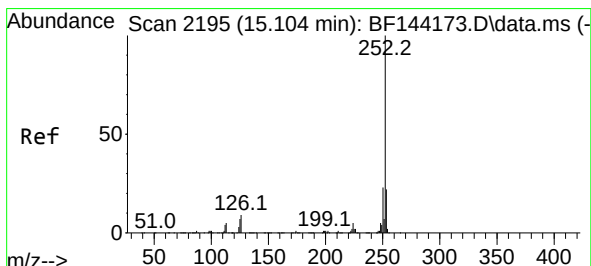
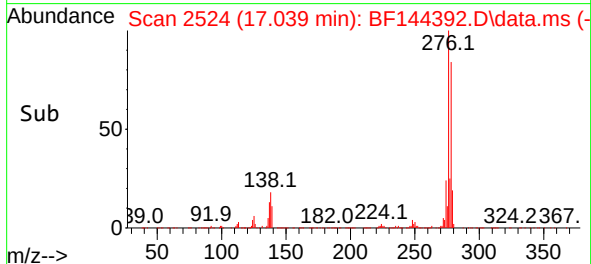
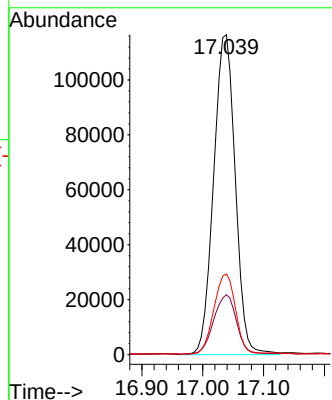
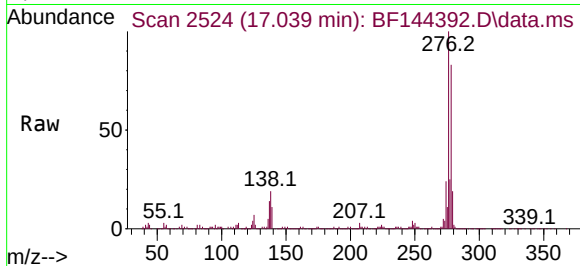




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.432 ng
RT: 17.039 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

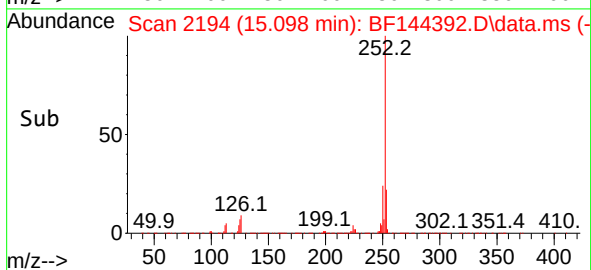
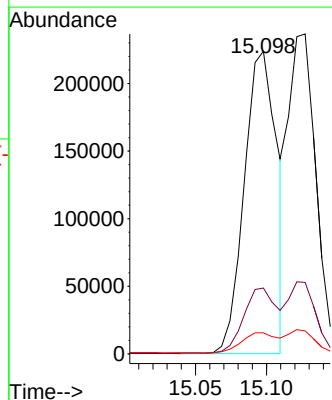
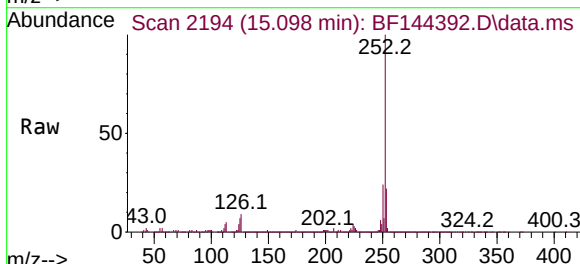
Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

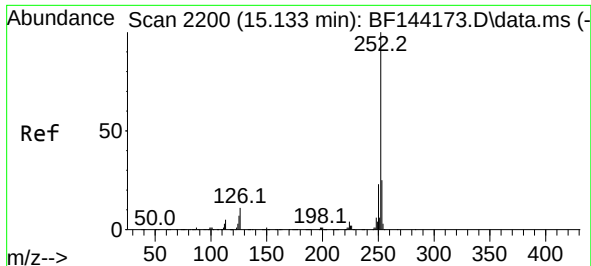
Tgt Ion:276 Resp: 287880
Ion Ratio Lower Upper
276 100
138 19.4 13.9 20.9
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 58.563 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:252 Resp: 356710
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 6.9 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 55.872 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

Instrument :

BNA_F

ClientSampleId :

BU-3-112625MS

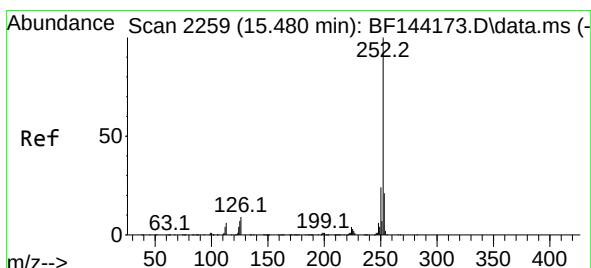
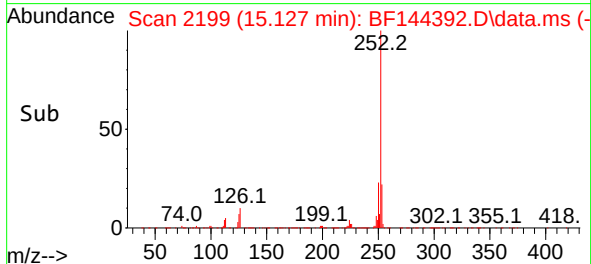
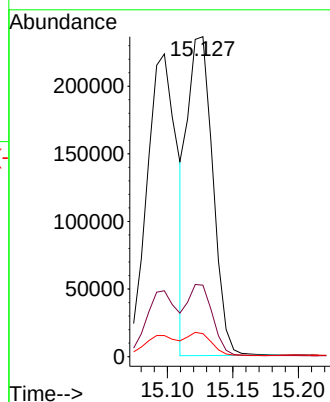
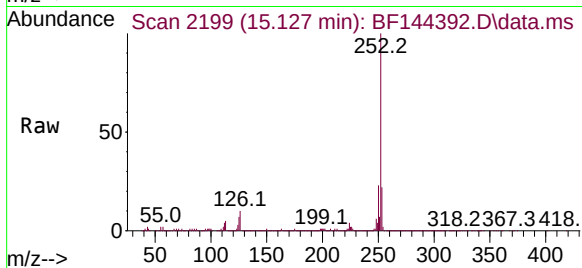
Tgt Ion:252 Resp: 318534

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 7.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 51.841 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144392.D

Acq: 01 Dec 2025 17:43

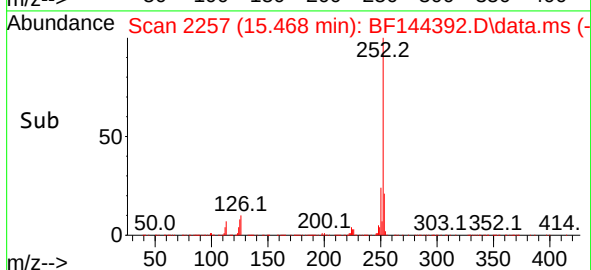
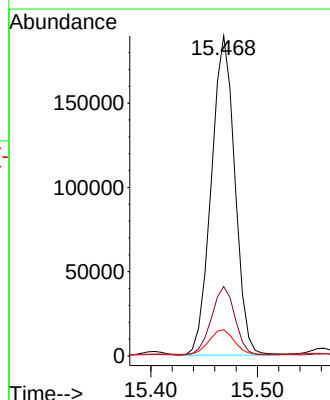
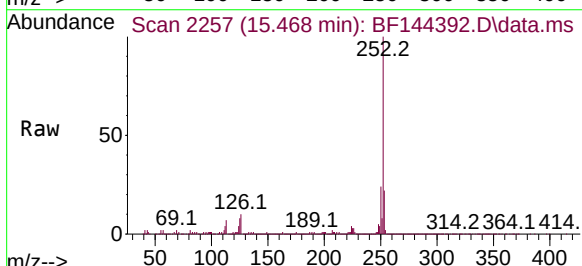
Tgt Ion:252 Resp: 291303

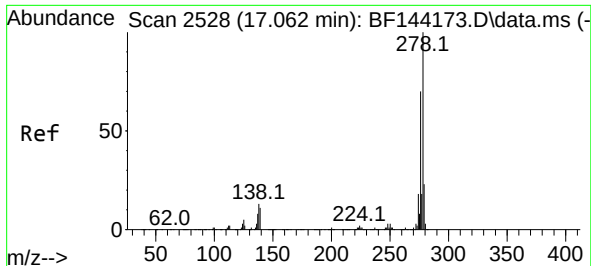
Ion Ratio Lower Upper

252 100

253 21.7 16.7 25.1

125 8.2 5.7 8.5

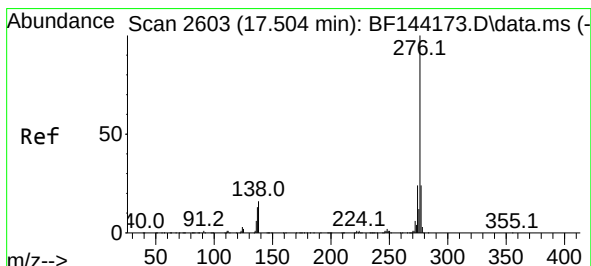
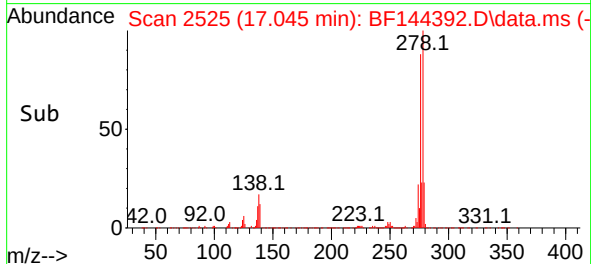
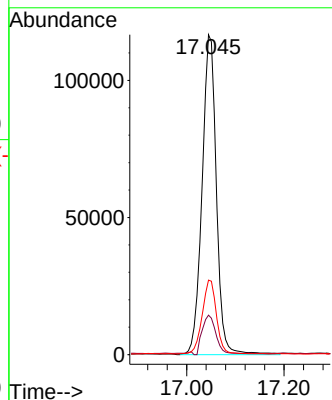
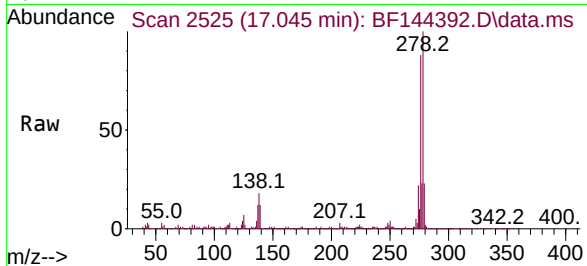




#91
Dibenzo(a,h)anthracene
Concen: 38.623 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

Tgt Ion:278 Resp: 238557
Ion Ratio Lower Upper
278 100
139 12.3 9.1 13.7
279 23.3 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 38.312 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.000 min
Lab File: BF144392.D
Acq: 01 Dec 2025 17:43

Tgt Ion:276 Resp: 233682
Ion Ratio Lower Upper
276 100
277 22.5 19.0 28.4
138 17.7 12.9 19.3

