

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142968.D
 Acq On : 02 Jul 2025 13:47
 Operator : RC/JU
 Sample : Q2452-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

Quant Time: Jul 02 14:07:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61568	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	236104	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	129520	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	215277	20.000	ng	0.00
76) Chrysene-d12	14.051	240	118384	20.000	ng	0.00
86) Perylene-d12	15.545	264	128324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	410102	110.900	ng	0.01
7) Phenol-d6	6.510	99	456394	104.609	ng	0.00
23) Nitrobenzene-d5	7.440	82	325703	75.666	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	175972	132.027	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	726436	73.680	ng	-0.01
79) Terphenyl-d14	12.992	244	553587	64.611	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.752	88	42033	28.418	ng	# 82
3) Pyridine	3.487	79	110048	29.678	ng	98
4) n-Nitrosodimethylamine	3.416	42	66925	34.903	ng	97
6) Aniline	6.540	93	112393	19.361	ng	# 87
8) 2-Chlorophenol	6.663	128	154940	38.842	ng	97
9) Benzaldehyde	6.428	77	30374	11.735	ng	98
10) Phenol	6.522	94	162500	33.508	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	133092	38.398	ng	98
12) 1,3-Dichlorobenzene	6.816	146	143825	32.239	ng	100
13) 1,4-Dichlorobenzene	6.893	146	147350	32.737	ng	99
14) 1,2-Dichlorobenzene	7.045	146	144854	33.930	ng	100
15) Benzyl Alcohol	7.016	79	130448	41.359	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	198884	35.714	ng	82
17) 2-Methylphenol	7.134	107	118692	39.264	ng	96
18) Hexachloroethane	7.387	117	49591	31.499	ng	93
19) n-Nitroso-di-n-propyla...	7.287	70	104098	41.025	ng	99
20) 3+4-Methylphenols	7.287	107	153074	40.613	ng	92
22) Acetophenone	7.287	105	211845	40.688	ng	100
24) Nitrobenzene	7.457	77	151088	38.781	ng	98
25) Isophorone	7.698	82	285192	41.302	ng	100
26) 2-Nitrophenol	7.775	139	88960	41.917	ng	97
27) 2,4-Dimethylphenol	7.810	122	145578	39.600	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	180692	41.161	ng	99
29) 2,4-Dichlorophenol	8.022	162	139950	41.986	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	137303	37.460	ng	99
31) Naphthalene	8.181	128	443677	38.391	ng	99
32) Benzoic acid	7.922	122	43234	23.074	ng	98
33) 4-Chloroaniline	8.228	127	69569	14.804	ng	99
34) Hexachlorobutadiene	8.292	225	82466	36.782	ng	99
35) Caprolactam	8.598	113	22612	25.708	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	148002	44.677	ng	98
37) 2-Methylnaphthalene	8.869	142	293188	40.920	ng	99
38) 1-Methylnaphthalene	8.969	142	308020	41.529	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	152132	39.807	ng	100
41) Hexachlorocyclopentadiene	9.022	237	136089	62.750	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	102778	41.271	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142968.D
 Acq On : 02 Jul 2025 13:47
 Operator : RC/JU
 Sample : Q2452-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

Quant Time: Jul 02 14:07:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

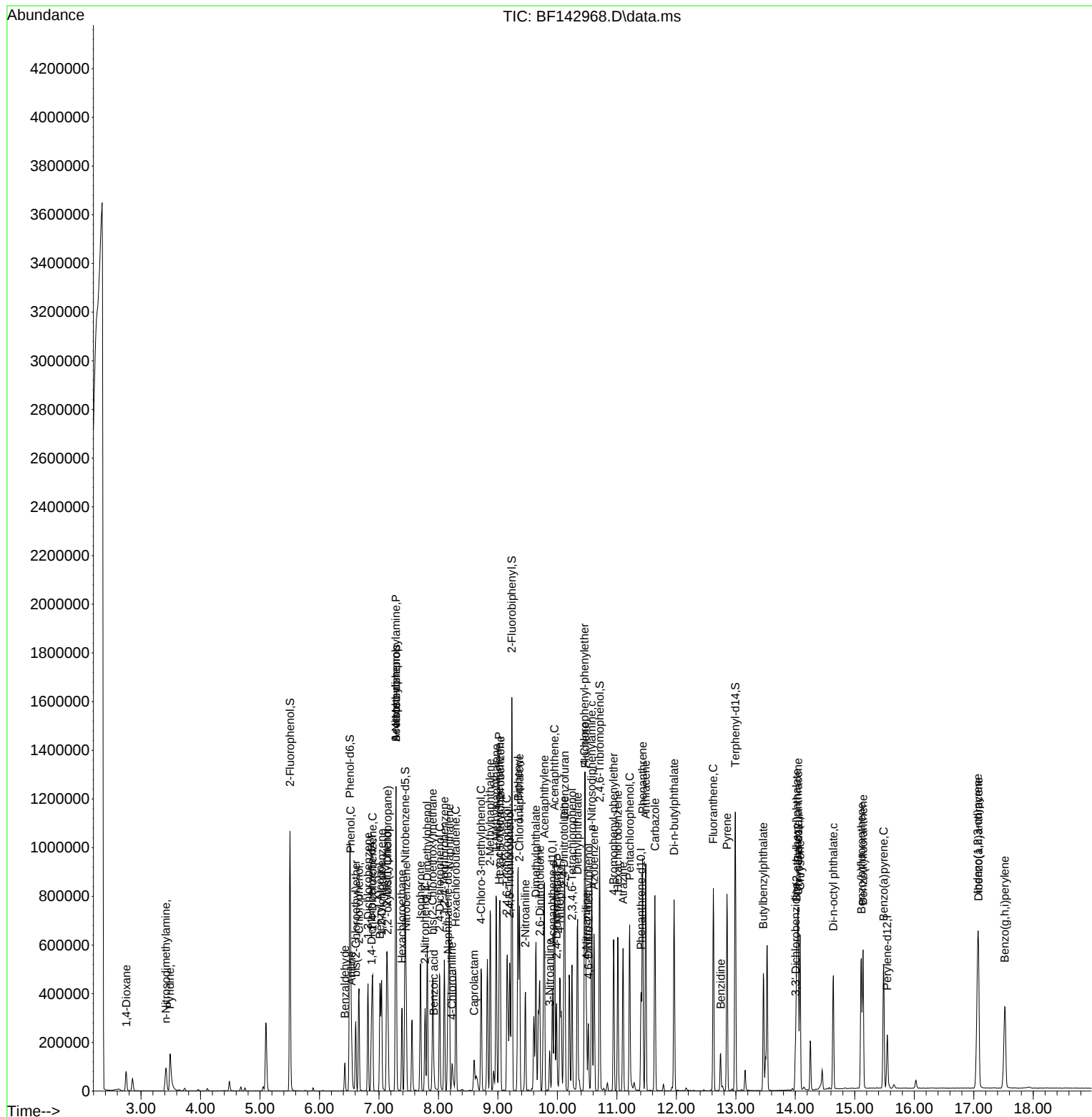
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	112710	42.995	ng	99
46) 1,1'-Biphenyl	9.339	154	421523	41.199	ng	99
47) 2-Chloronaphthalene	9.363	162	310973	40.502	ng	99
48) 2-Nitroaniline	9.463	65	93489	43.432	ng	94
49) Acenaphthylene	9.781	152	525358	41.565	ng	100
50) Dimethylphthalate	9.639	163	380645	45.402	ng	100
51) 2,6-Dinitrotoluene	9.704	165	83437	45.317	ng	97
52) Acenaphthene	9.951	154	309206	40.096	ng	99
53) 3-Nitroaniline	9.869	138	39043	19.260	ng	97
54) 2,4-Dinitrophenol	9.986	184	79834	86.596	ng	95
55) Dibenzofuran	10.122	168	472018	42.685	ng	100
56) 4-Nitrophenol	10.039	139	114281	82.347	ng	97
57) 2,4-Dinitrotoluene	10.110	165	114720	46.908	ng	97
58) Fluorene	10.469	166	375795	43.513	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	95091	45.001	ng	96
60) Diethylphthalate	10.339	149	390912	47.555	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	182355	44.249	ng	99
62) 4-Nitroaniline	10.486	138	80998	43.689	ng	98
63) Azobenzene	10.616	77	318772	43.388	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	54708	42.014	ng	99
66) n-Nitrosodiphenylamine	10.575	169	331564	44.440	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	111772	45.620	ng	95
68) Hexachlorobenzene	11.016	284	121776	44.731	ng	99
69) Atrazine	11.104	200	100386	52.104	ng	100
70) Pentachlorophenol	11.216	266	122085	89.995	ng	97
71) Phenanthrene	11.433	178	521950	44.758	ng	99
72) Anthracene	11.486	178	532964	44.562	ng	99
73) Carbazole	11.639	167	467288	45.276	ng	100
74) Di-n-butylphthalate	11.963	149	569228	52.942	ng	100
75) Fluoranthene	12.622	202	487040	44.007	ng	100
77) Benzidine	12.745	184	93022	20.914	ng	99
78) Pyrene	12.851	202	480162	43.271	ng	100
80) Butylbenzylphthalate	13.463	149	169389	52.624	ng	97
81) Benzo(a)anthracene	14.045	228	358163	44.847	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	48744	18.817	ng	99
83) Chrysene	14.080	228	308988	43.359	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	219576	47.413	ng	99
85) Di-n-octyl phthalate	14.639	149	334386	38.291	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	401513	41.078	ng	99
88) Benzo(b)fluoranthene	15.110	252	346874	46.715	ng	100
89) Benzo(k)fluoranthene	15.139	252	322166	46.375	ng	99
90) Benzo(a)pyrene	15.486	252	329537	45.938	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	326904	41.163	ng	98
92) Benzo(g,h,i)perylene	17.521	276	324099	40.925	ng	99

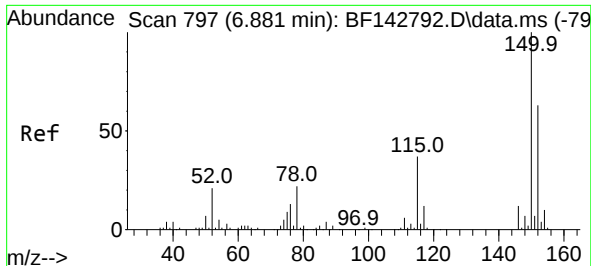
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142968.D
Acq On : 02 Jul 2025 13:47
Operator : RC/JU
Sample : Q2452-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Quant Time: Jul 02 14:07:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

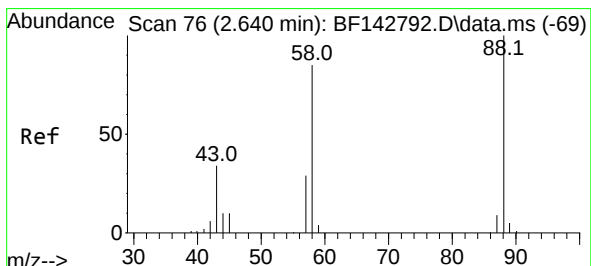
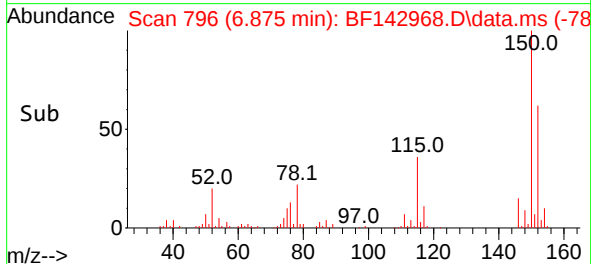
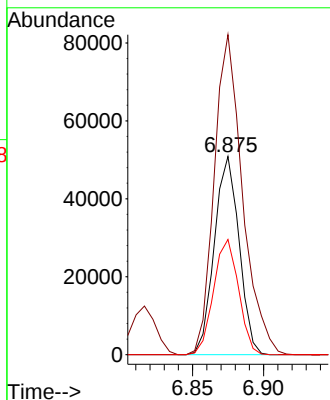
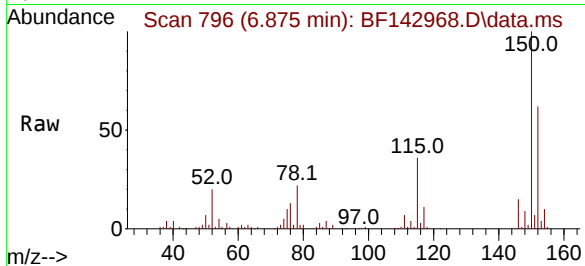




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

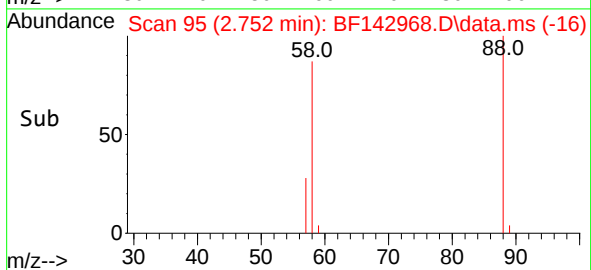
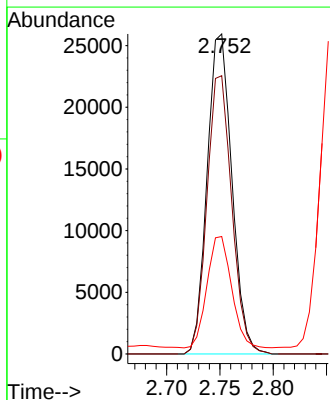
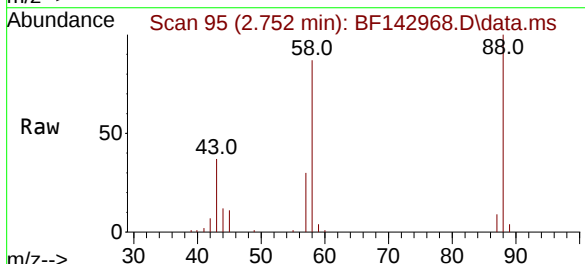
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

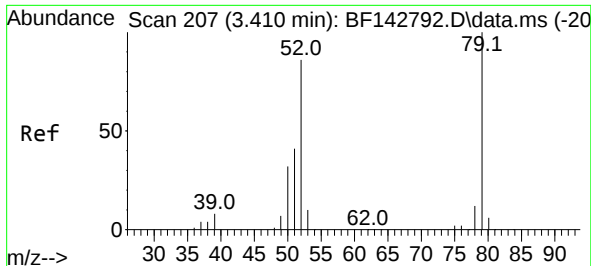
Tgt Ion:152 Resp: 61568
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.2 190.8
 115 58.1 46.6 69.8



#2
 1,4-Dioxane
 Concen: 28.418 ng
 RT: 2.752 min Scan# 95
 Delta R.T. 0.112 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

Tgt Ion: 88 Resp: 42033
 Ion Ratio Lower Upper
 88 100
 58 87.1 69.1 103.7
 43 0.0 27.4 41.2#





#3

Pyridine

Concen: 29.678 ng

RT: 3.487 min Scan# 210

Delta R.T. 0.077 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

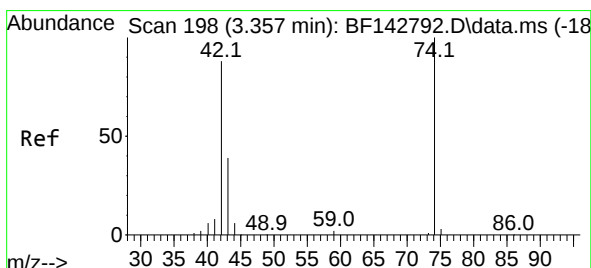
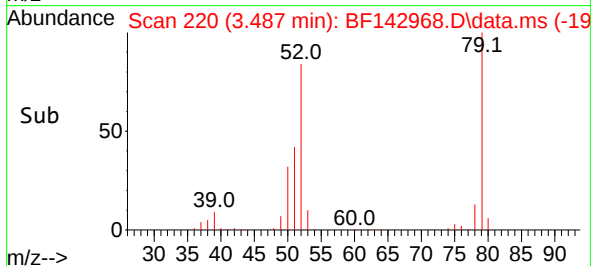
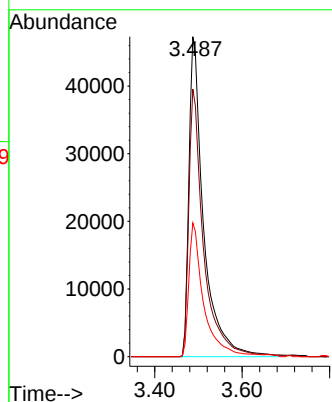
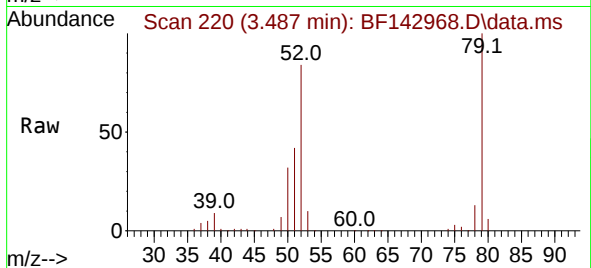
Tgt Ion: 79 Resp: 110048

Ion Ratio Lower Upper

79 100

52 83.6 69.2 103.8

51 41.8 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 34.903 ng

RT: 3.416 min Scan# 208

Delta R.T. 0.059 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

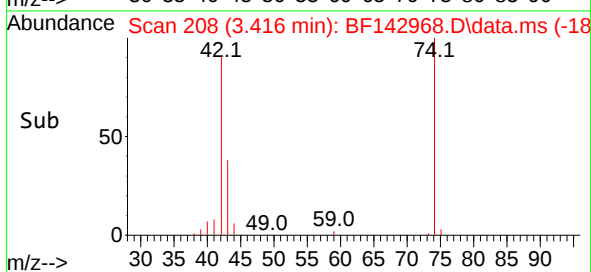
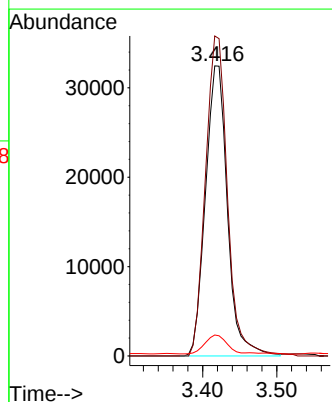
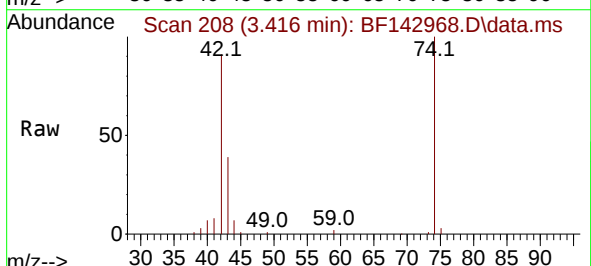
Tgt Ion: 42 Resp: 66925

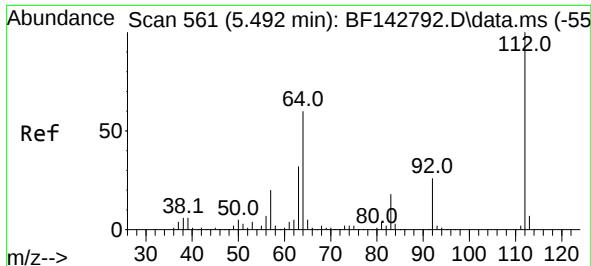
Ion Ratio Lower Upper

42 100

74 110.3 90.9 136.3

44 7.2 5.8 8.6

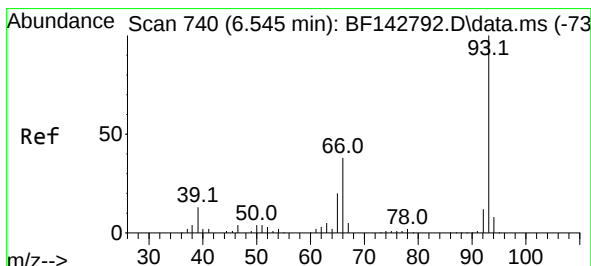
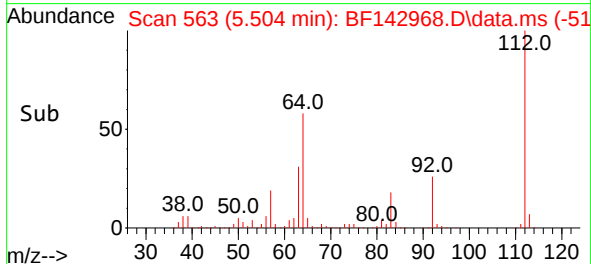
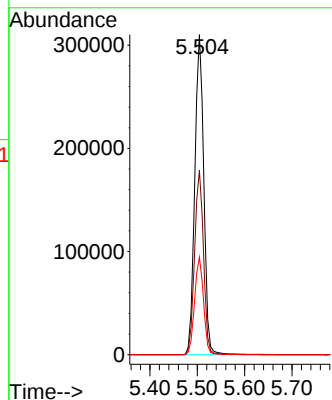
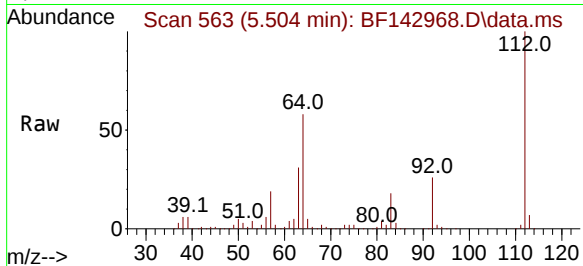




#5
2-Fluorophenol
Concen: 110.900 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

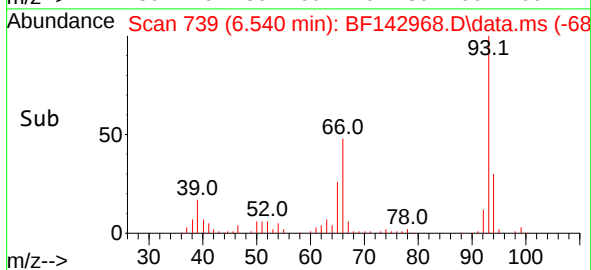
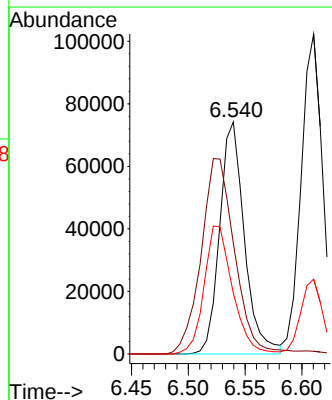
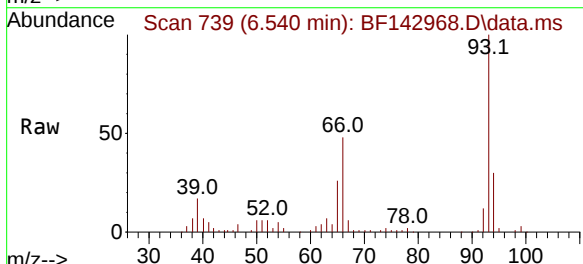
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

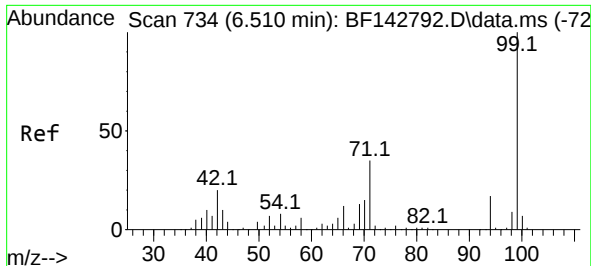
Tgt Ion:112 Resp: 410102
Ion Ratio Lower Upper
112 100
64 57.6 48.2 72.2
63 30.5 25.7 38.5



#6
Aniline
Concen: 19.361 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion: 93 Resp: 112393
Ion Ratio Lower Upper
93 100
66 47.8 31.8 47.6#
65 26.1 16.2 24.2#

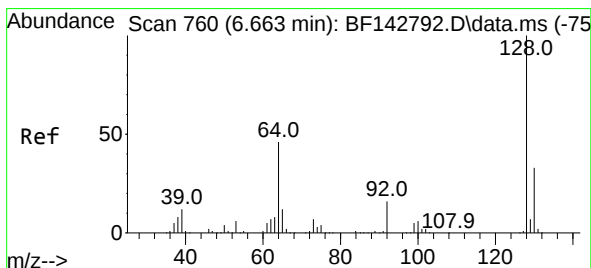
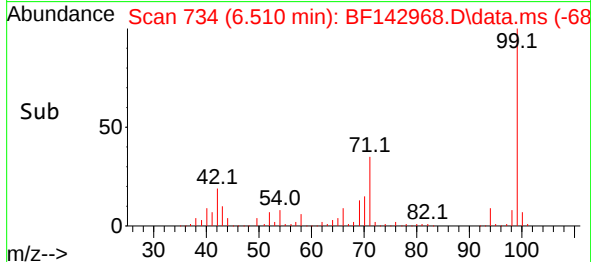
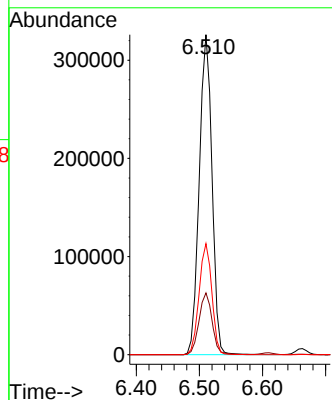
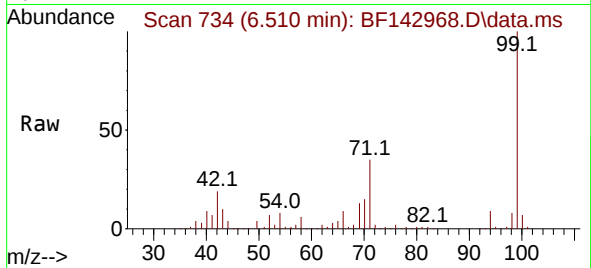




#7
Phenol-d6
Concen: 104.609 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

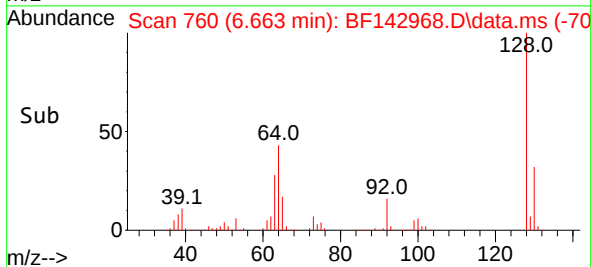
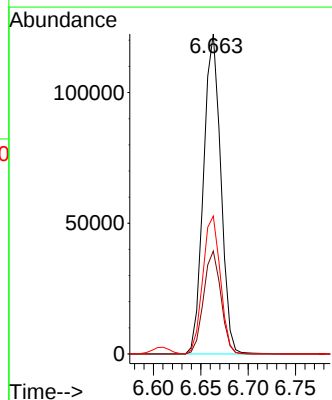
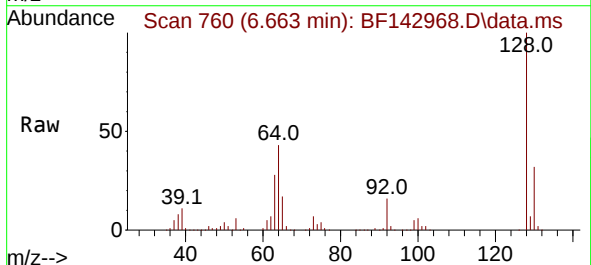
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

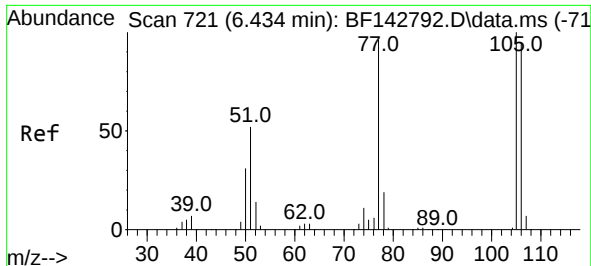
Tgt Ion: 99 Resp: 456394
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 34.7 27.8 41.8



#8
2-Chlorophenol
Concen: 38.842 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:128 Resp: 154940
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 43.1 26.5 66.5

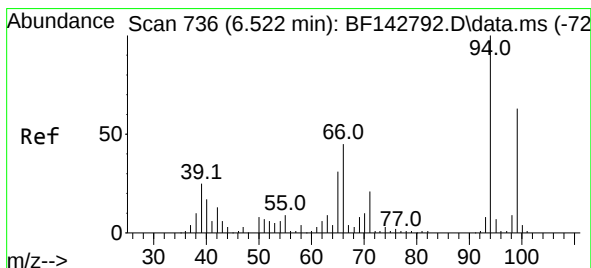
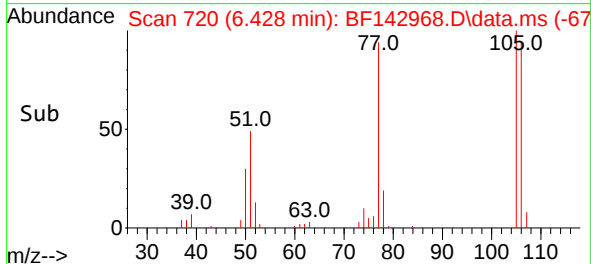
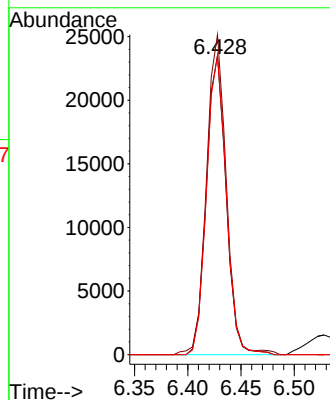
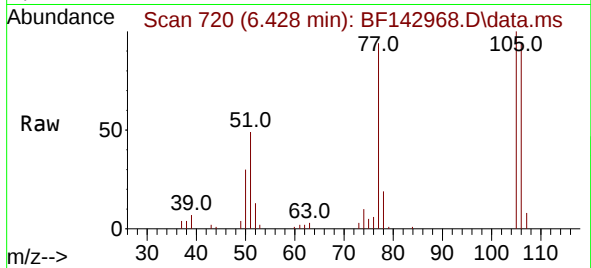




#9
Benzaldehyde
Concen: 11.735 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

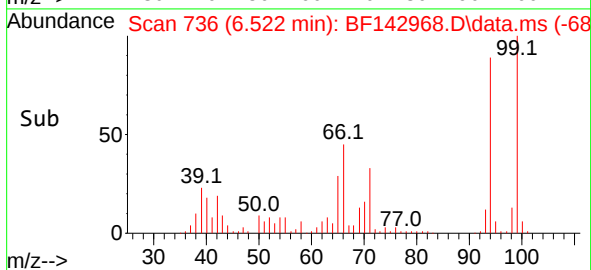
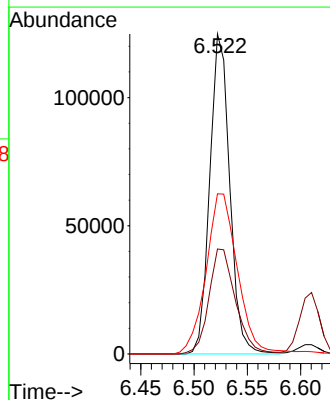
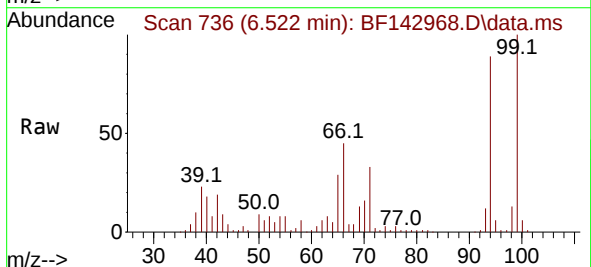
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion: 77 Resp: 30374
Ion Ratio Lower Upper
77 100
105 106.9 83.8 123.8
106 100.1 78.7 118.7



#10
Phenol
Concen: 33.508 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion: 94 Resp: 162500
Ion Ratio Lower Upper
94 100
65 32.8 11.3 51.3
66 50.1 24.9 64.9

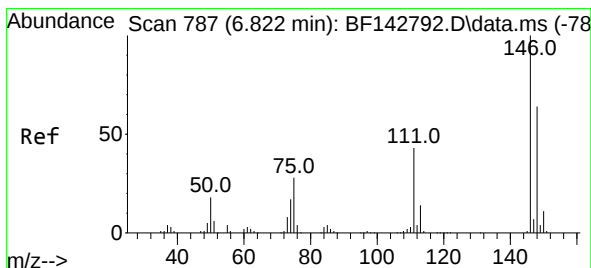
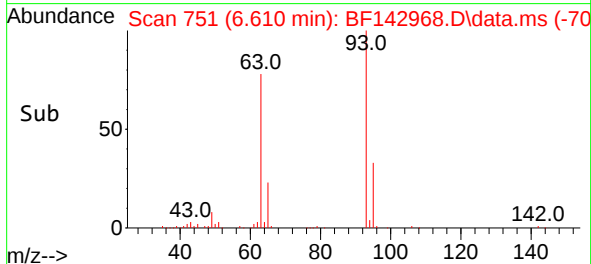
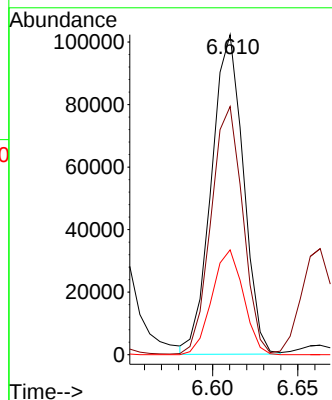
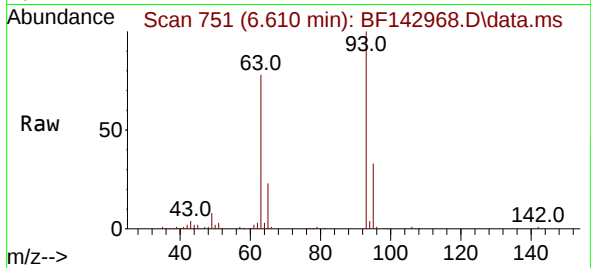




#11
bis(2-Chloroethyl)ether
Concen: 38.398 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

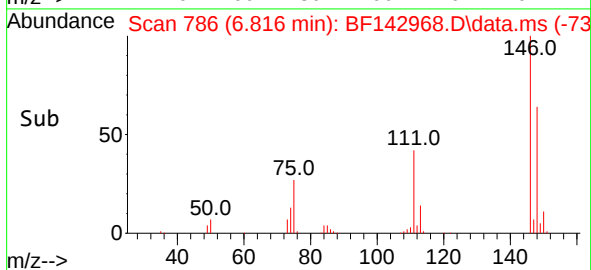
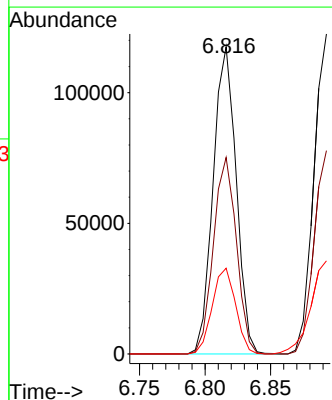
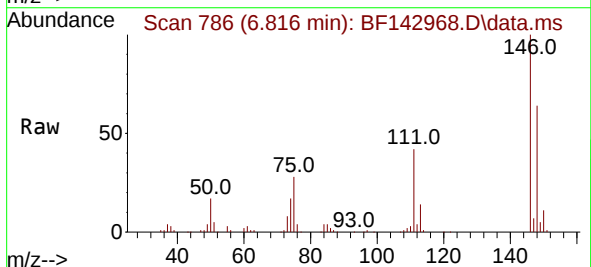
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

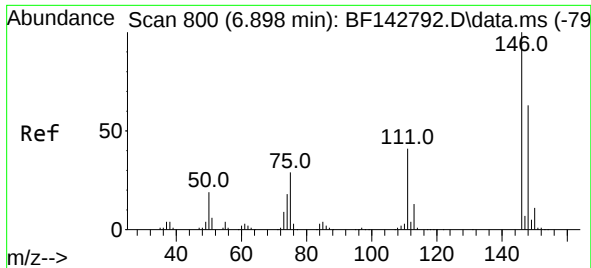
Tgt Ion: 93 Resp: 133092
Ion Ratio Lower Upper
93 100
63 77.6 60.3 100.3
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 32.239 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:146 Resp: 143825
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
75 28.0 22.7 34.1

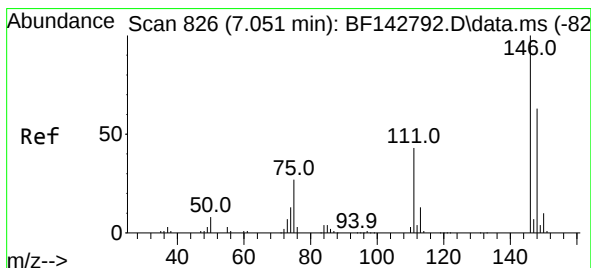
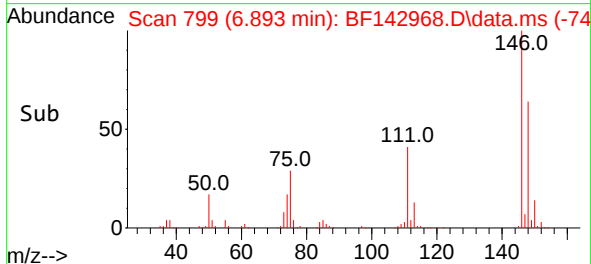
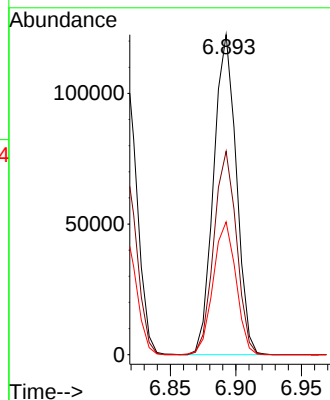
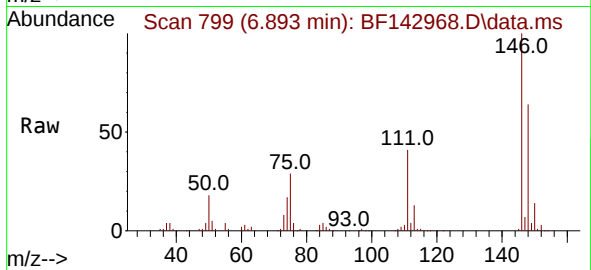




#13
1,4-Dichlorobenzene
Concen: 32.737 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

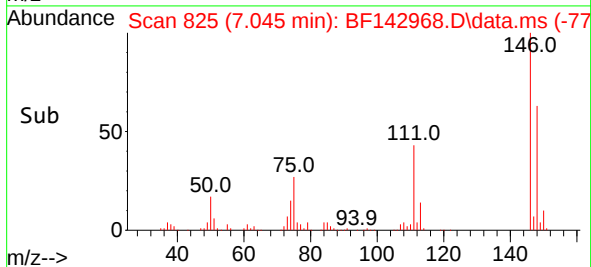
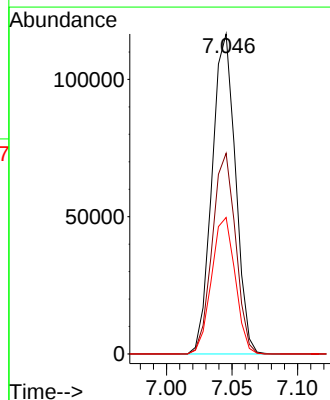
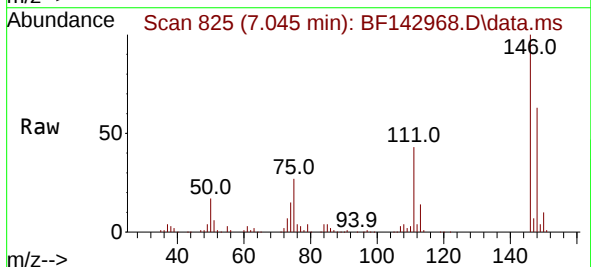
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

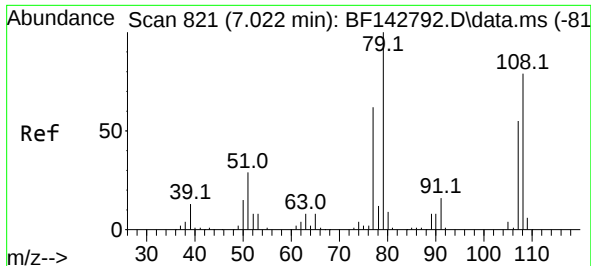
Tgt Ion:146 Resp: 147350
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 41.5 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 33.930 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:146 Resp: 144854
Ion Ratio Lower Upper
146 100
148 62.7 50.4 75.6
111 42.6 34.1 51.1

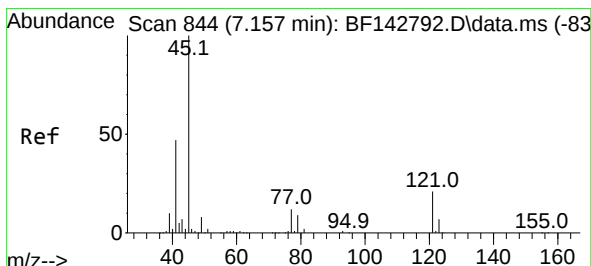
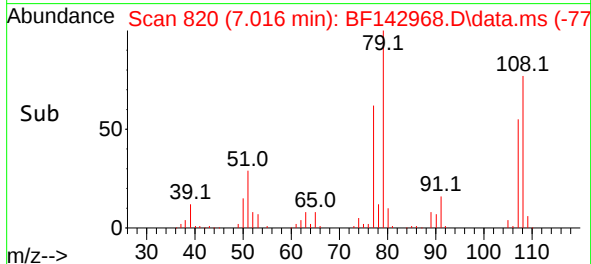
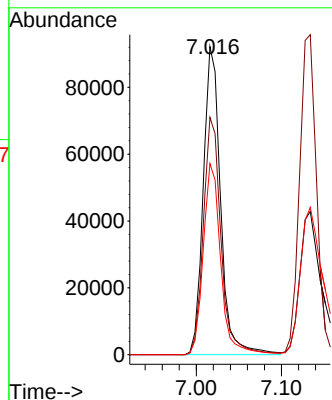
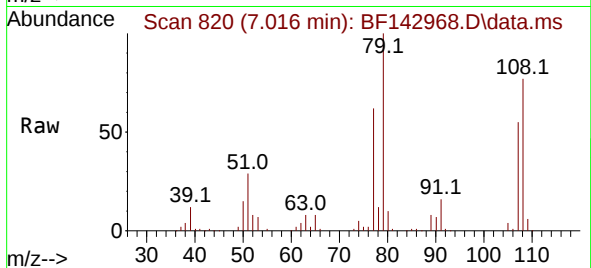




#15
Benzyl Alcohol
Concen: 41.359 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

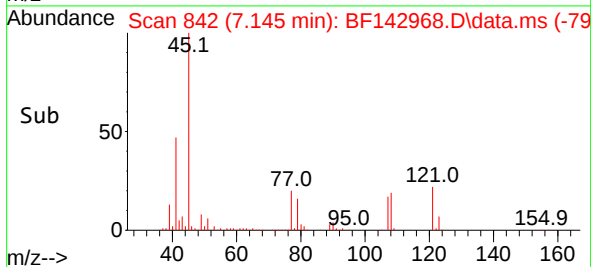
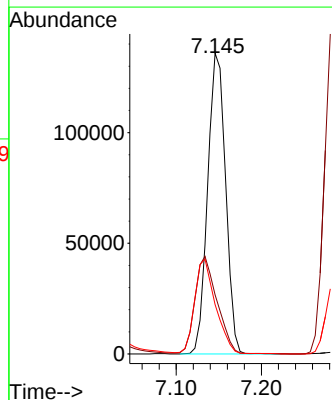
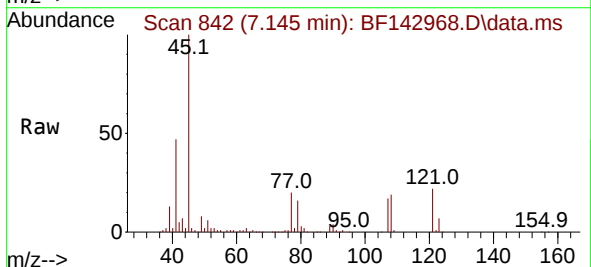
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

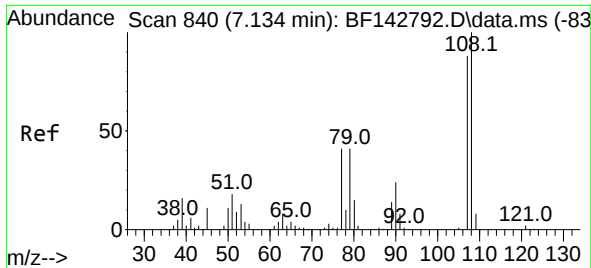
Tgt Ion: 79 Resp: 130448
Ion Ratio Lower Upper
79 100
108 77.1 63.4 95.0
77 62.0 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.714 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion: 45 Resp: 198884
Ion Ratio Lower Upper
45 100
77 19.7 0.0 32.8
79 16.4 0.0 29.8

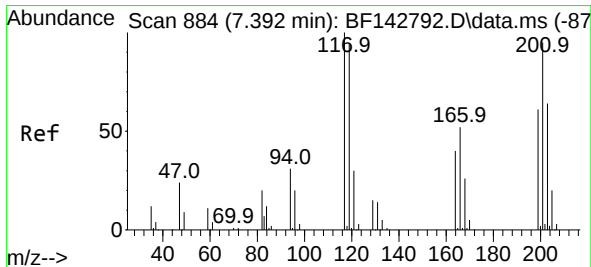
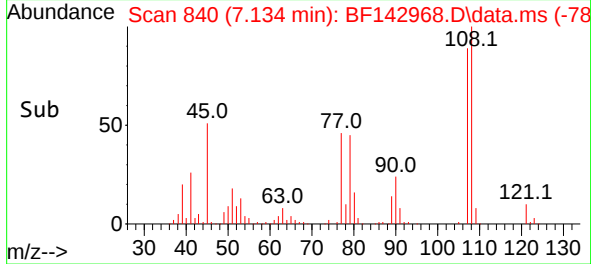
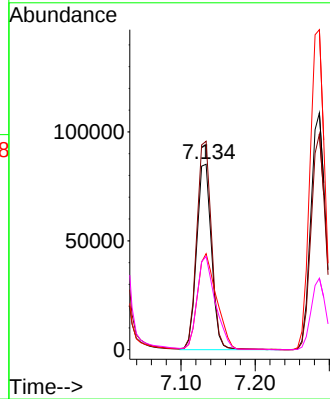
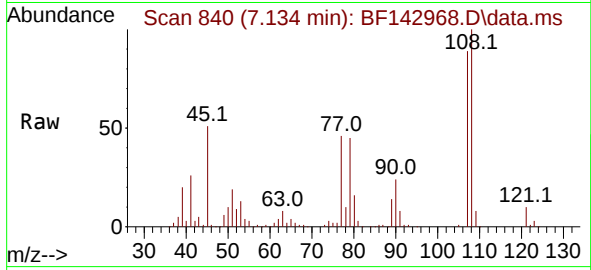




#17
2-Methylphenol
Concen: 39.264 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

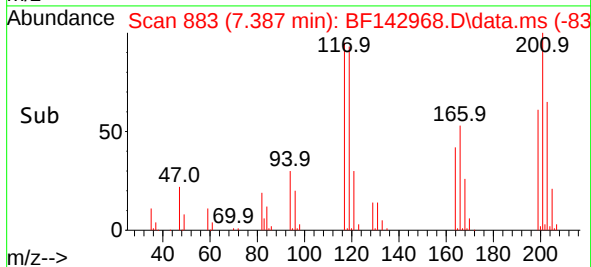
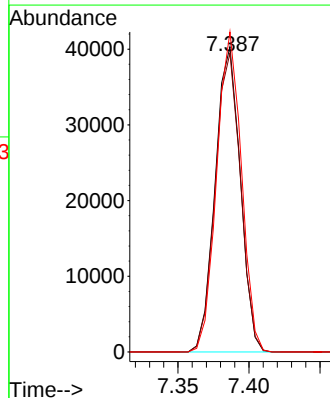
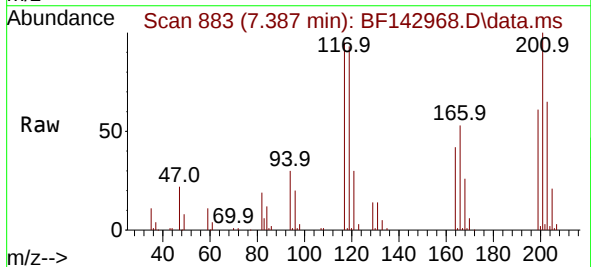
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion:	107	Resp:	118692
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.9	136.3
77	51.8	37.3	55.9
79	50.3	37.2	55.8



#18
Hexachloroethane
Concen: 31.499 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:	117	Resp:	49591
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.4	113.0
201	104.8	75.9	113.9

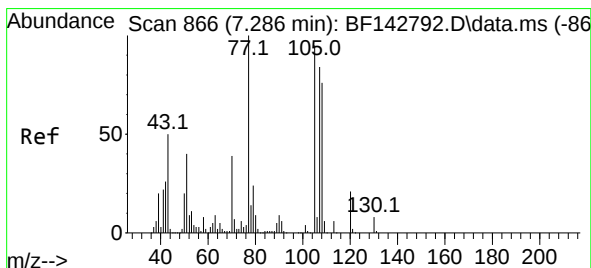
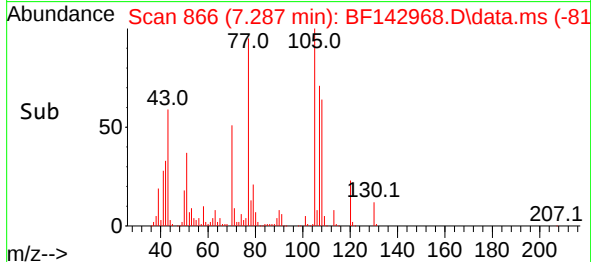
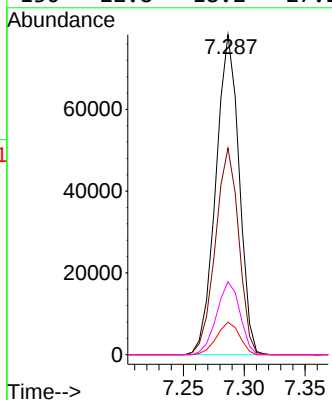
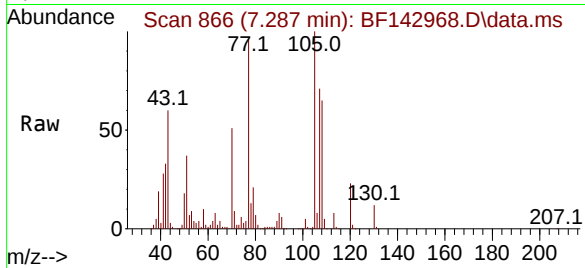




#19
n-Nitroso-di-n-propylamine
Concen: 41.025 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

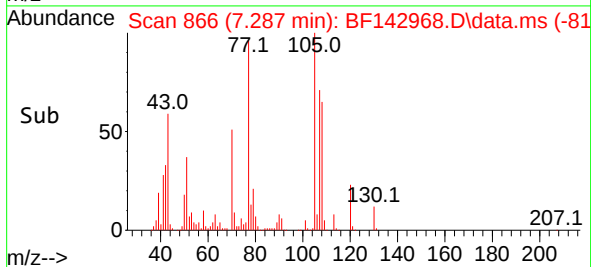
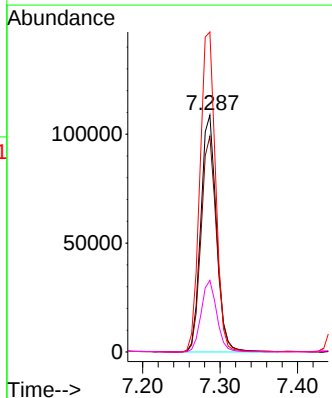
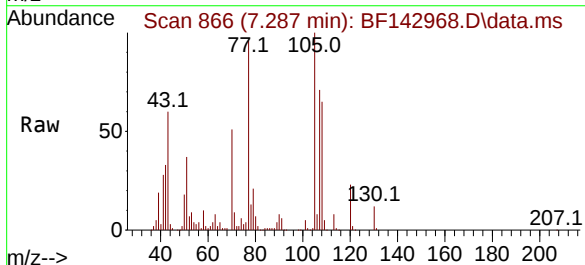
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

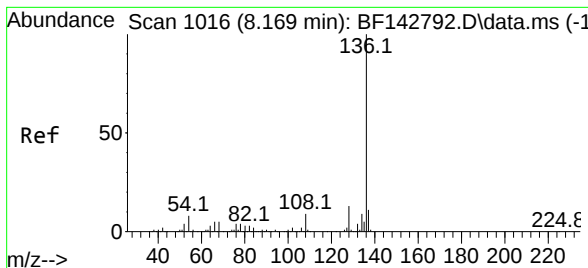
Tgt Ion: 70 Resp: 104098
Ion Ratio Lower Upper
70 100
42 64.6 52.1 78.1
101 10.2 8.2 12.2
130 22.8 18.2 27.2



#20
3+4-Methylphenols
Concen: 40.613 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:107 Resp: 153074
Ion Ratio Lower Upper
107 100
108 91.1 70.0 110.0
77 135.1 98.5 138.5
79 30.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion:136 Resp: 236104

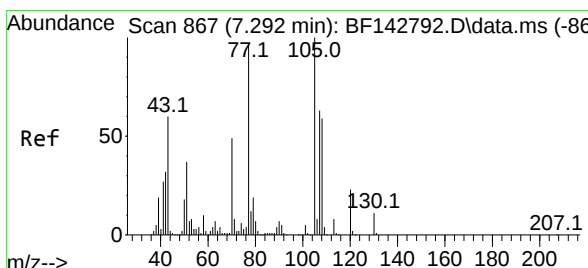
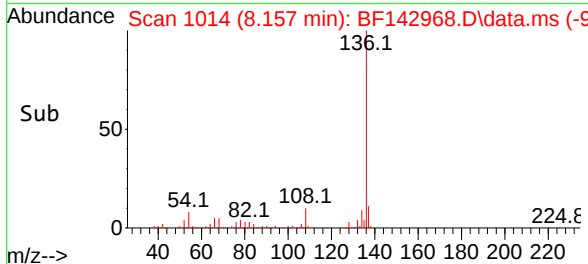
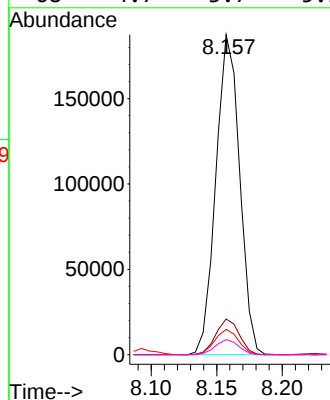
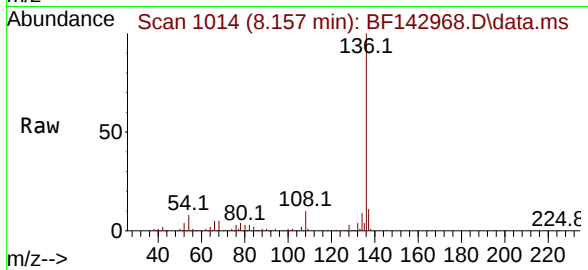
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 7.9 6.3 9.5

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 40.688 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Tgt Ion:105 Resp: 211845

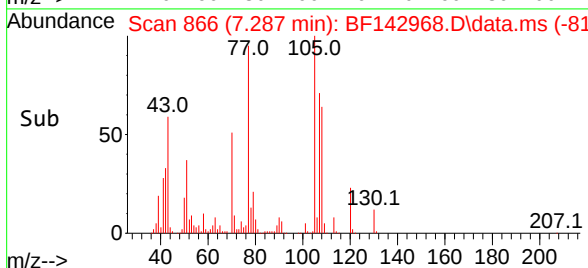
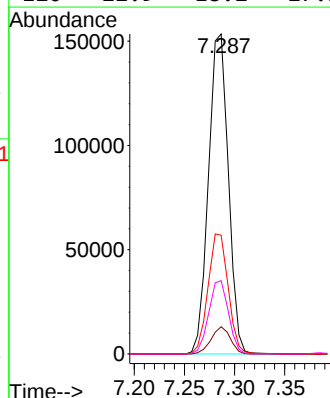
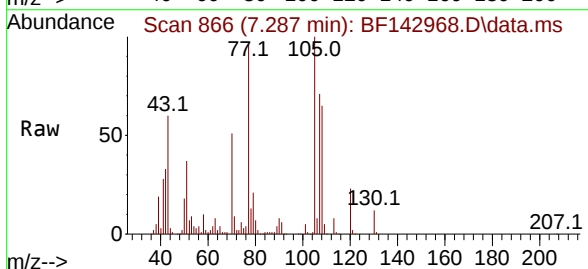
Ion Ratio Lower Upper

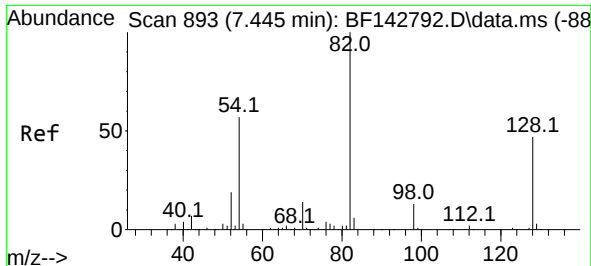
105 100

71 8.5 6.5 9.7

51 37.1 29.8 44.8

120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 75.666 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

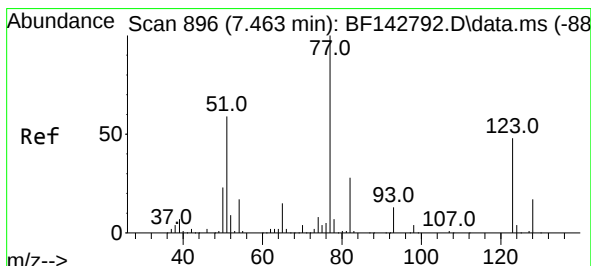
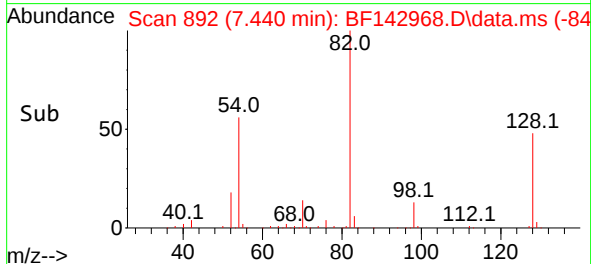
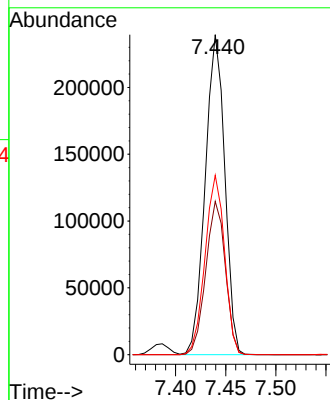
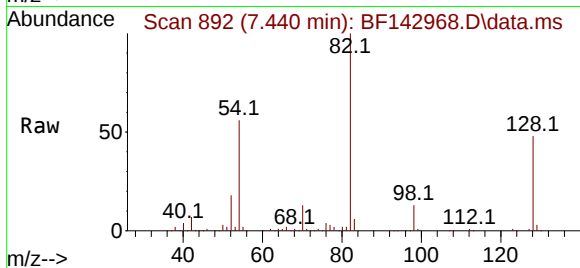
Tgt Ion: 82 Resp: 325703

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 56.1 45.7 68.5



#24

Nitrobenzene

Concen: 38.781 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

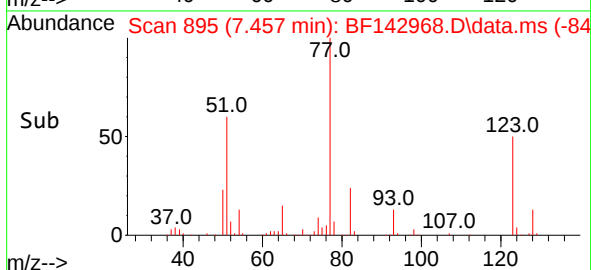
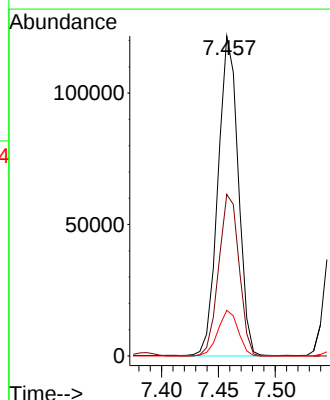
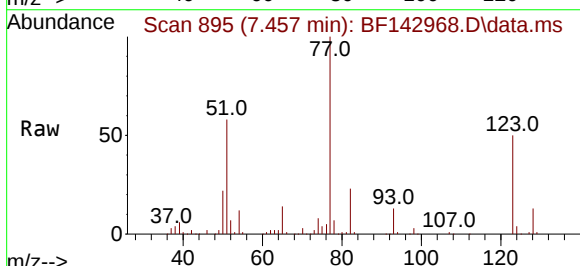
Tgt Ion: 77 Resp: 151088

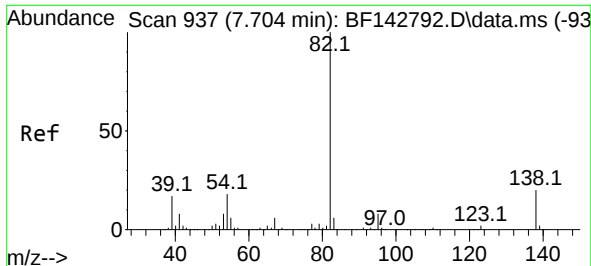
Ion Ratio Lower Upper

77 100

123 50.5 39.2 58.8

65 14.2 11.6 17.4

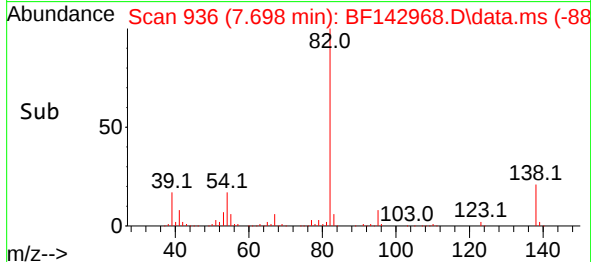
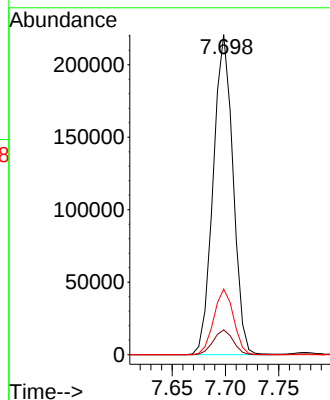
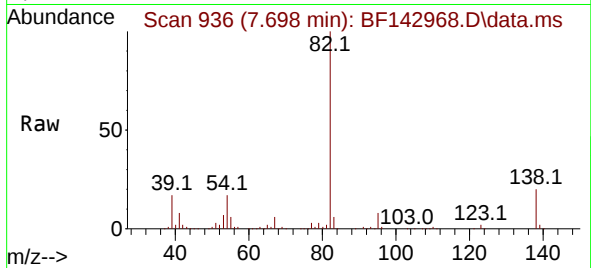




#25
Isophorone
Concen: 41.302 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

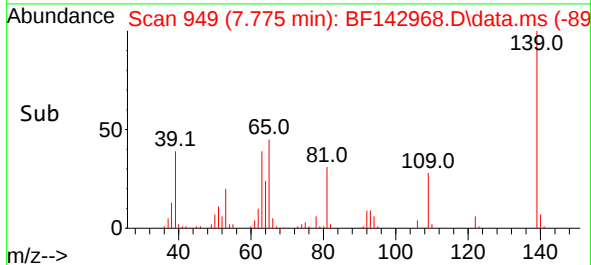
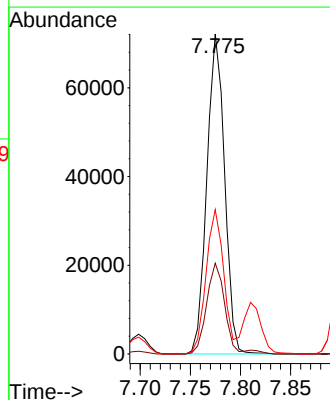
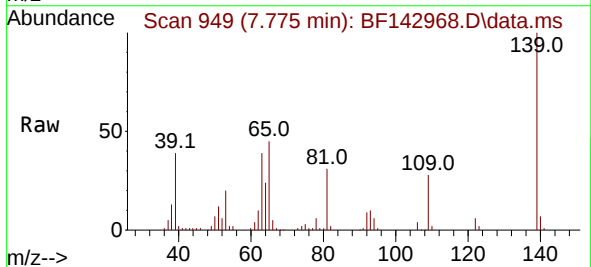
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

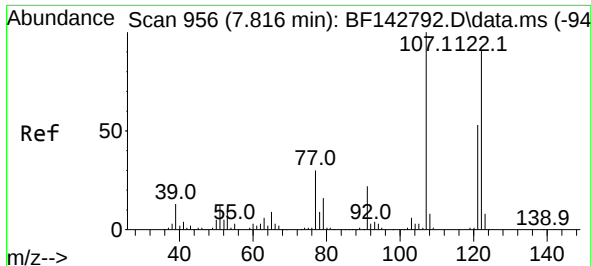
Tgt Ion: 82 Resp: 285192
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.5 16.2 24.4



#26
2-Nitrophenol
Concen: 41.917 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:139 Resp: 88960
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 45.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 39.600 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

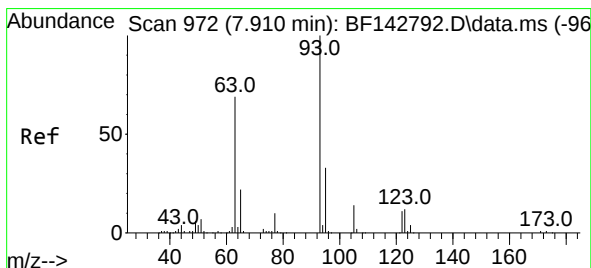
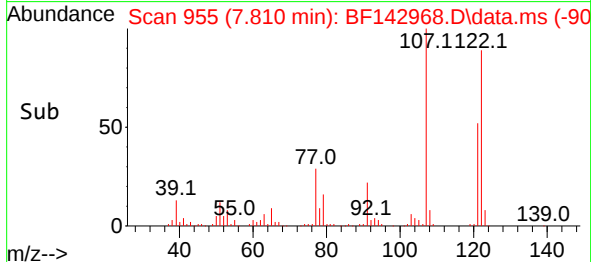
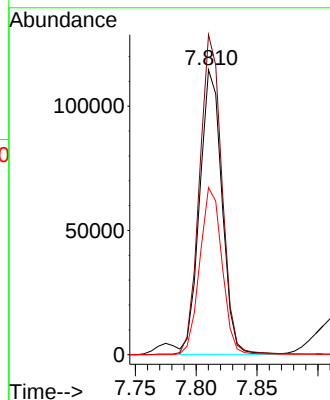
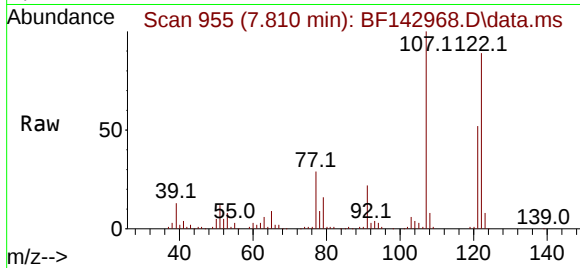
Tgt Ion:122 Resp: 145578

Ion Ratio Lower Upper

122 100

107 112.3 88.0 132.0

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.161 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

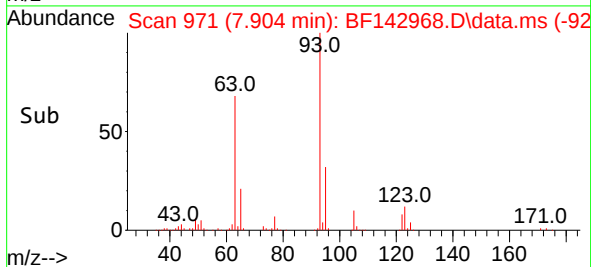
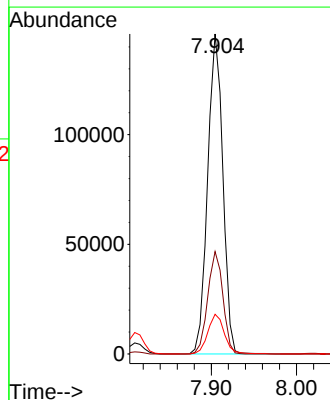
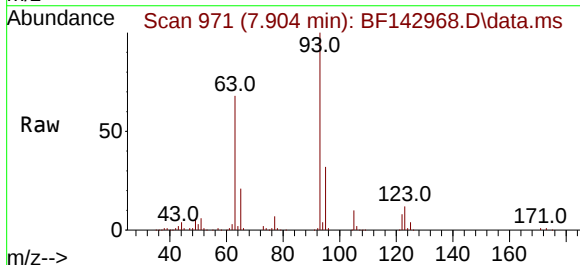
Tgt Ion: 93 Resp: 180692

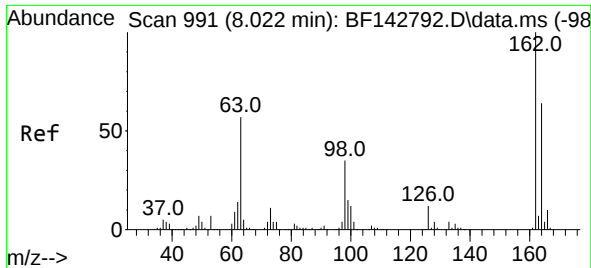
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 12.4 9.9 14.9

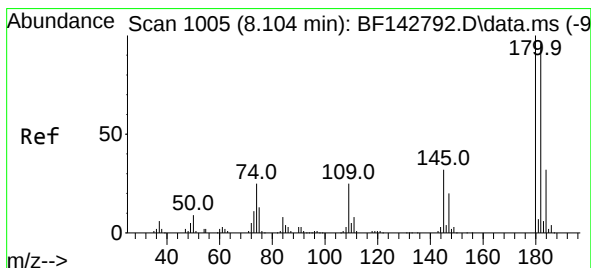
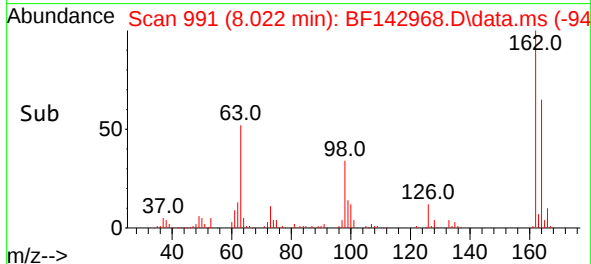
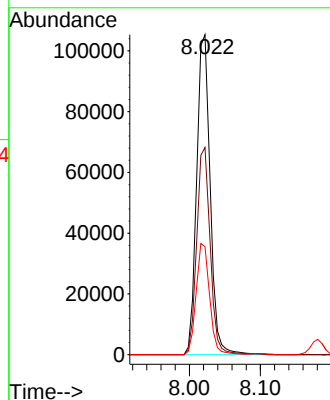
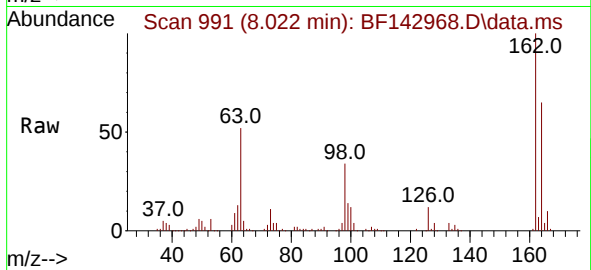




#29
2,4-Dichlorophenol
Concen: 41.986 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

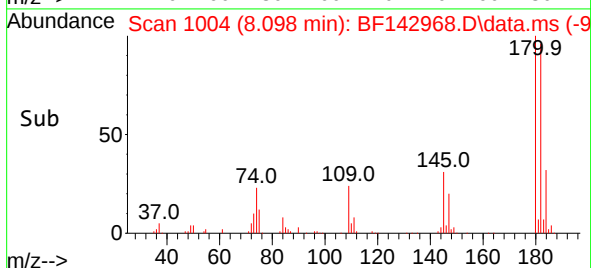
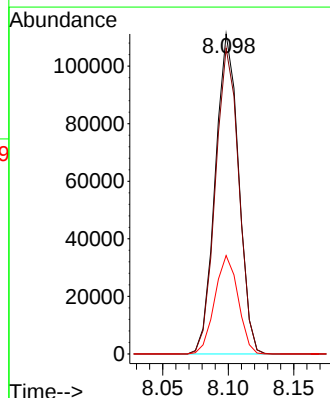
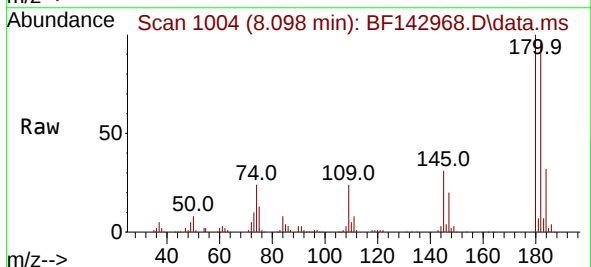
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

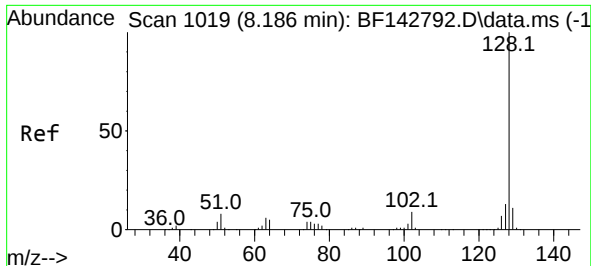
Tgt Ion:162 Resp: 139950
Ion Ratio Lower Upper
162 100
164 64.7 44.0 84.0
98 33.8 15.4 55.4



#30
1,2,4-Trichlorobenzene
Concen: 37.460 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:180 Resp: 137303
Ion Ratio Lower Upper
180 100
182 95.6 76.4 114.6
145 30.7 25.8 38.8

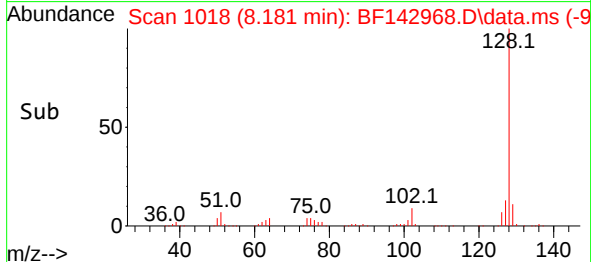
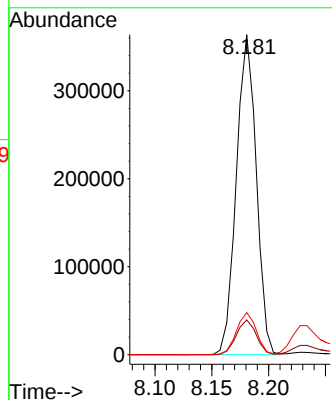
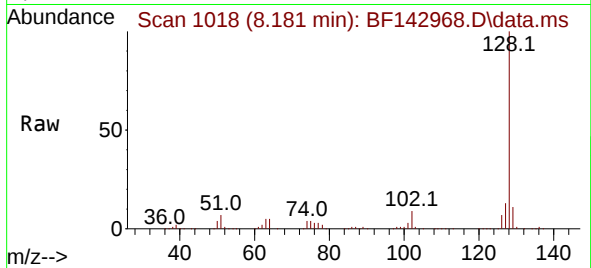




#31
Naphthalene
Concen: 38.391 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

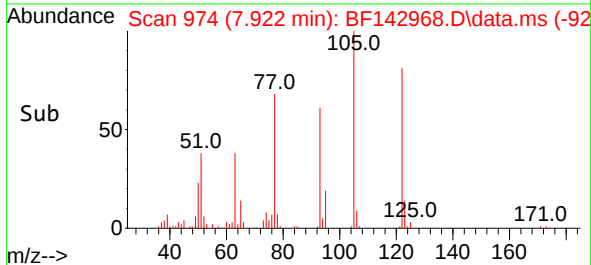
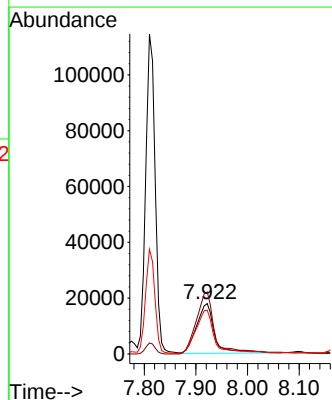
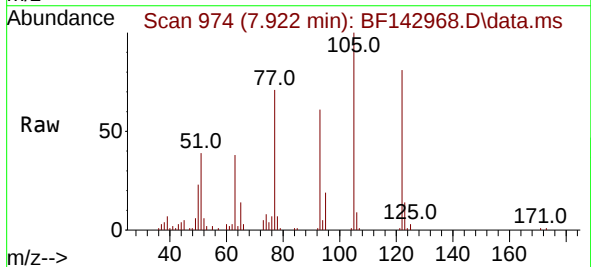
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

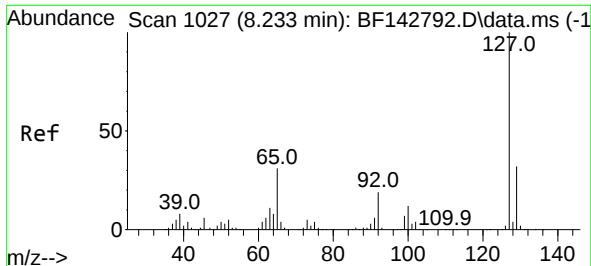
Tgt Ion:128 Resp: 443677
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 23.074 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:122 Resp: 43234
Ion Ratio Lower Upper
122 100
105 123.4 104.7 144.7
77 87.1 70.2 110.2

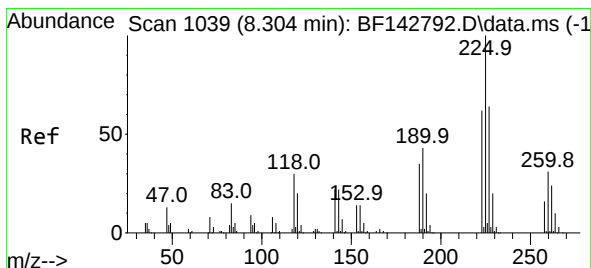
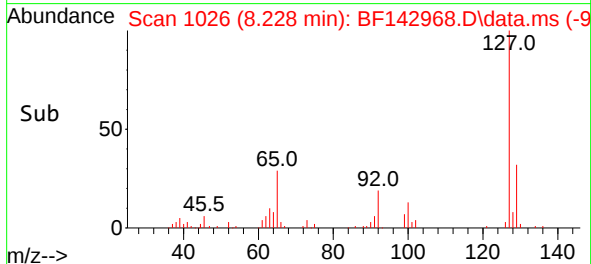
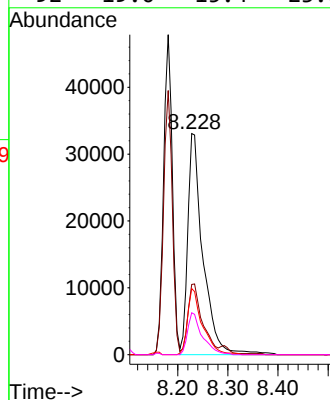
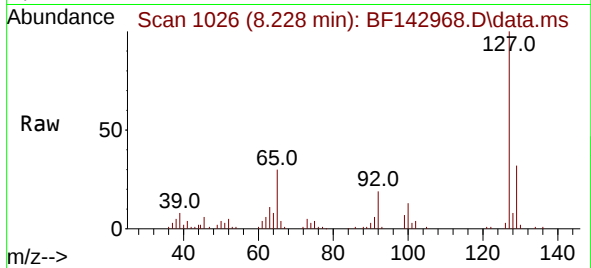




#33
4-Chloroaniline
Concen: 14.804 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

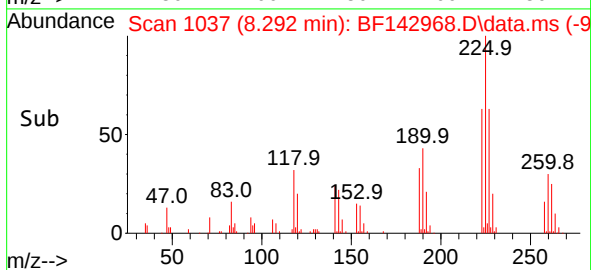
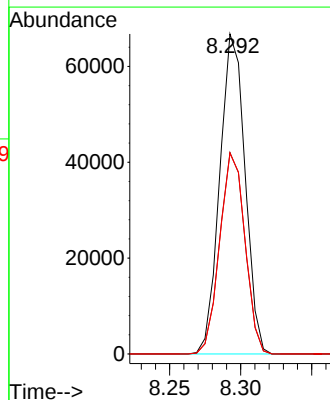
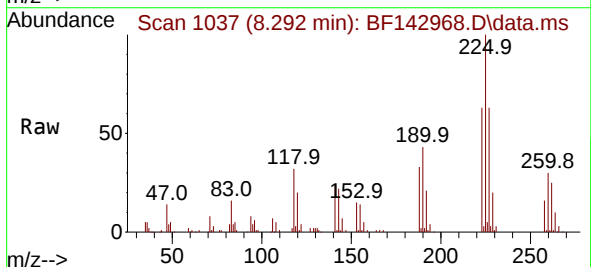
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

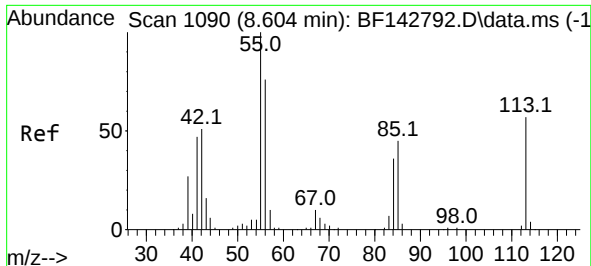
Tgt Ion:127	Resp: 69569
Ion Ratio	Lower Upper
127 100	
129 31.7	25.9 38.9
65 29.9	24.6 36.8
92 19.0	15.4 23.0



#34
Hexachlorobutadiene
Concen: 36.782 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:225	Resp: 82466
Ion Ratio	Lower Upper
225 100	
223 62.9	49.9 74.9
227 62.7	51.4 77.0

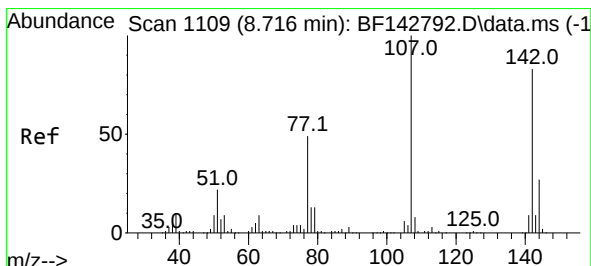
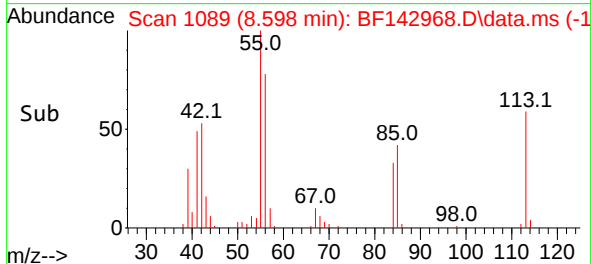
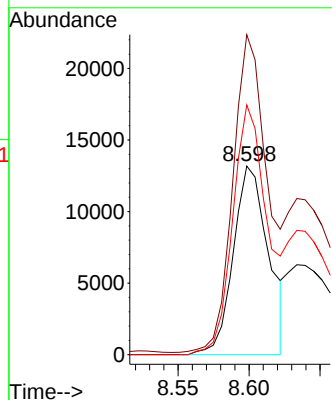
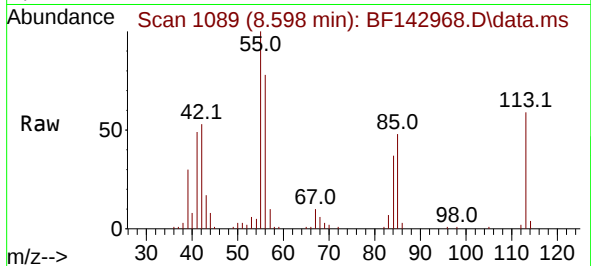




#35
 Caprolactam
 Concen: 25.708 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

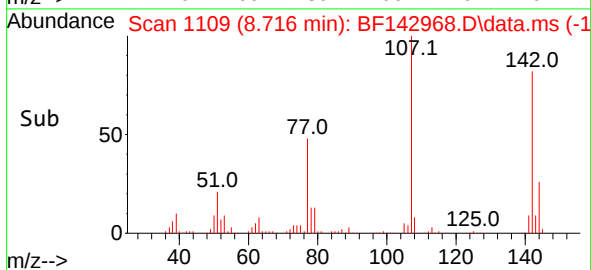
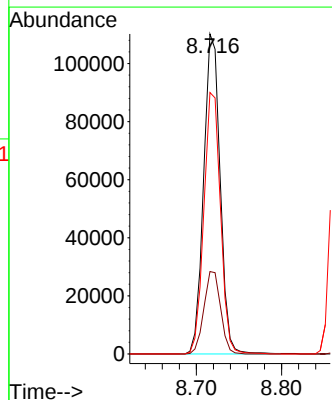
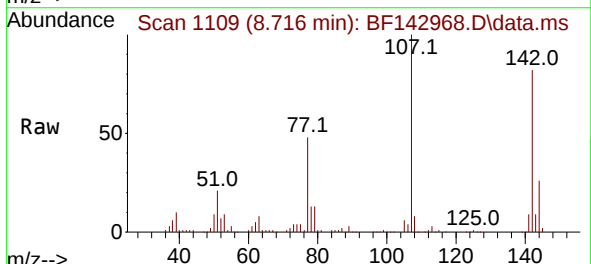
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

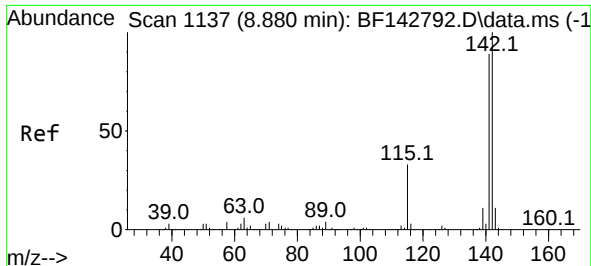
Tgt Ion:113 Resp: 22612
 Ion Ratio Lower Upper
 113 100
 55 169.6 154.4 194.4
 56 132.3 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.677 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

Tgt Ion:107 Resp: 148002
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.3 31.9
 142 81.7 66.6 100.0





#37

2-Methylnaphthalene

Concen: 40.920 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

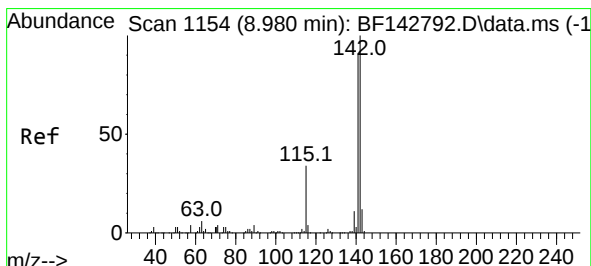
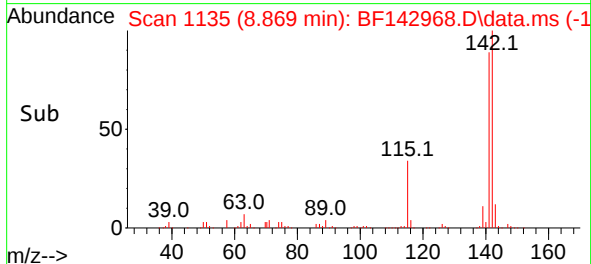
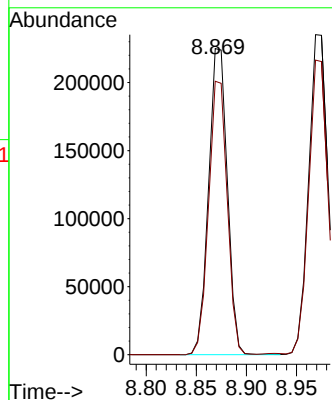
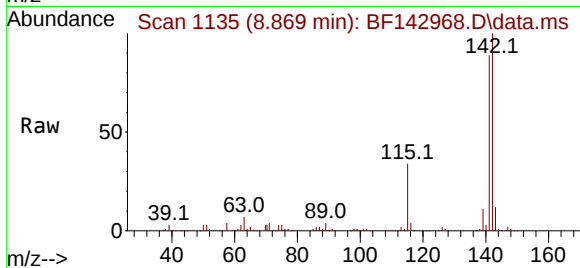
TP-5MSD

Tgt Ion:142 Resp: 293188

Ion Ratio Lower Upper

142 100

141 89.3 70.9 106.3



#38

1-Methylnaphthalene

Concen: 41.529 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF142968.D

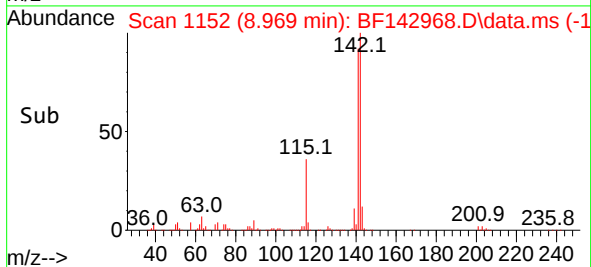
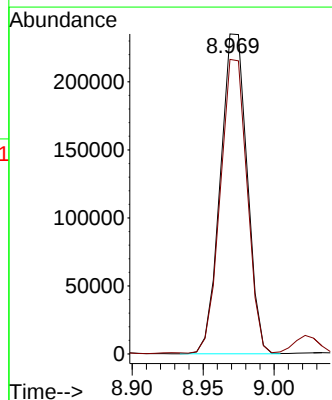
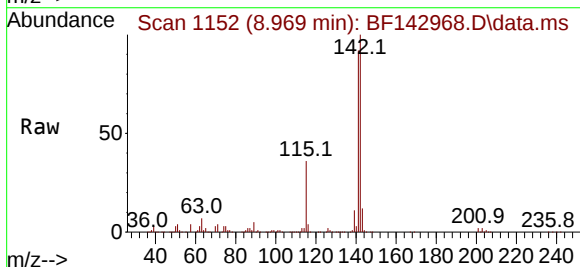
Acq: 02 Jul 2025 13:47

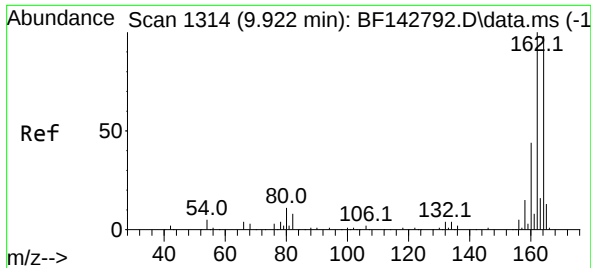
Tgt Ion:142 Resp: 308020

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.4

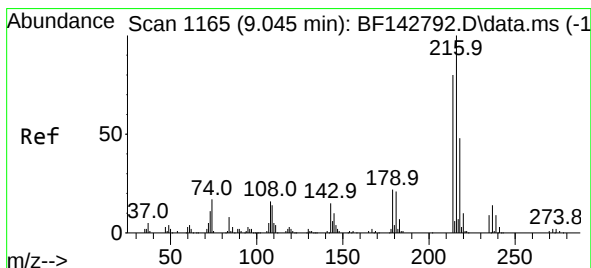
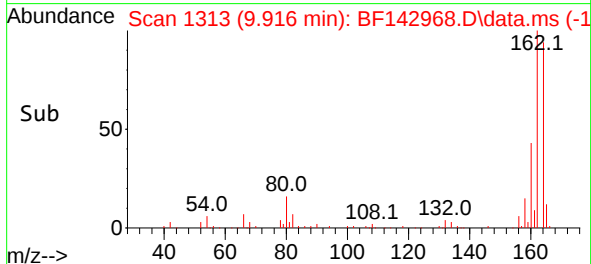
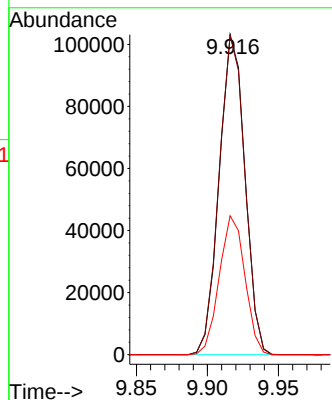
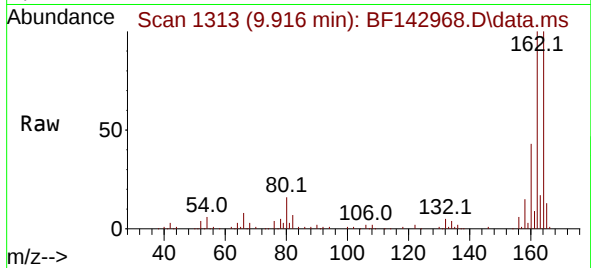




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

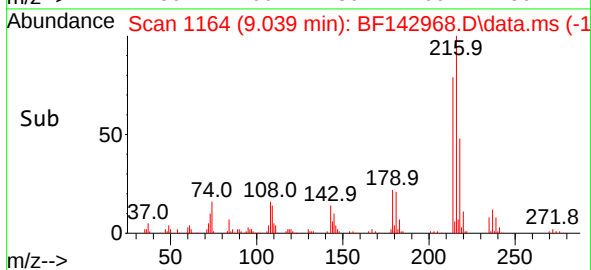
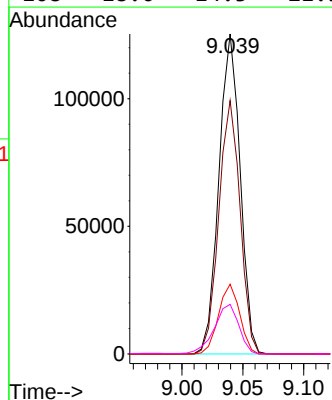
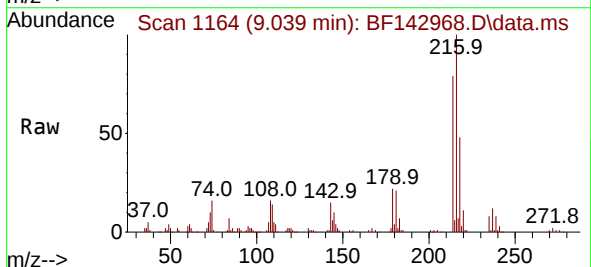
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

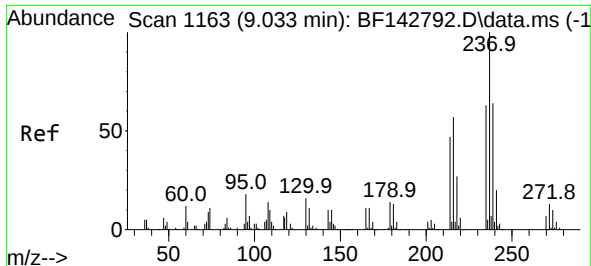
Tgt Ion:164 Resp: 129520
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.8
160 43.4 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.807 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

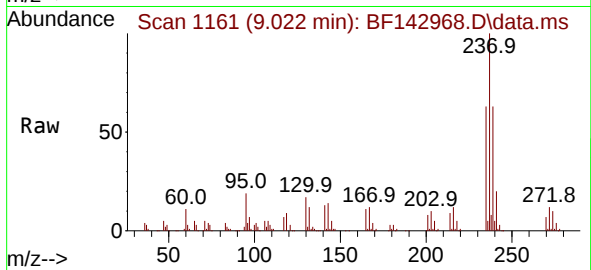
Tgt Ion:216 Resp: 152132
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 21.8 17.6 26.4
108 18.0 14.3 21.5



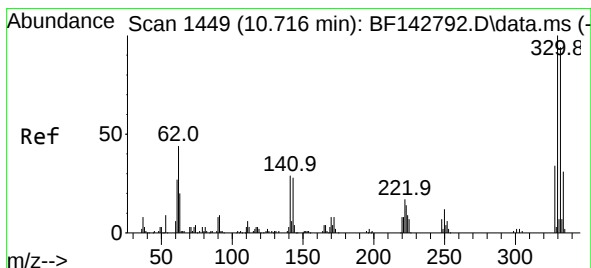
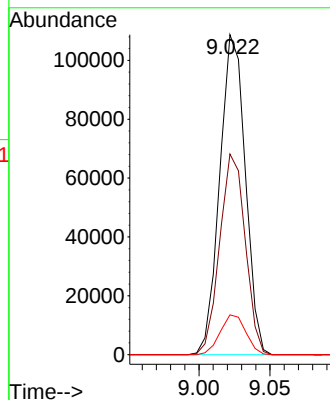
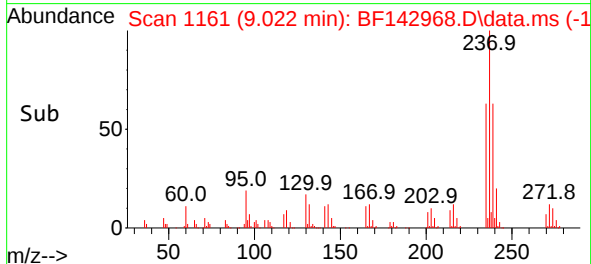


#41
Hexachlorocyclopentadiene
Concen: 62.750 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

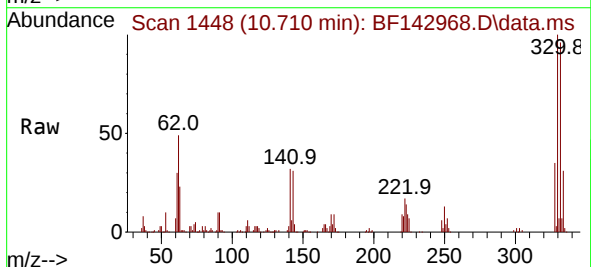
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



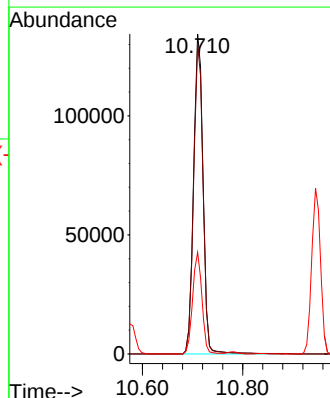
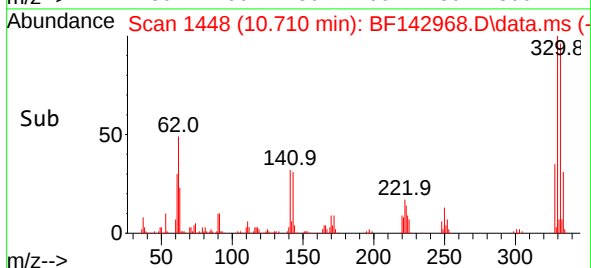
Tgt Ion:237 Resp: 136089
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 12.4 0.0 32.7

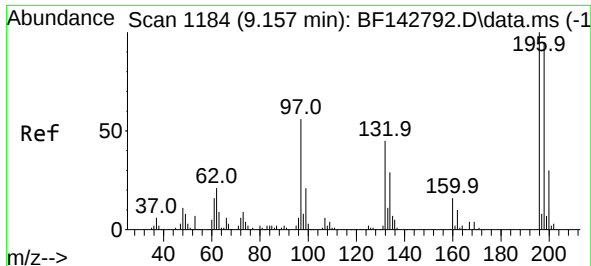


#42
2,4,6-Tribromophenol
Concen: 132.027 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47



Tgt Ion:330 Resp: 175972
Ion Ratio Lower Upper
330 100
332 96.6 75.0 112.6
141 31.1 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 41.271 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

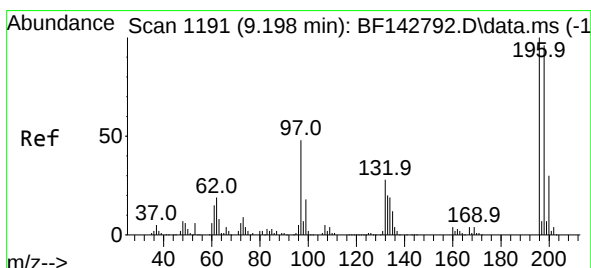
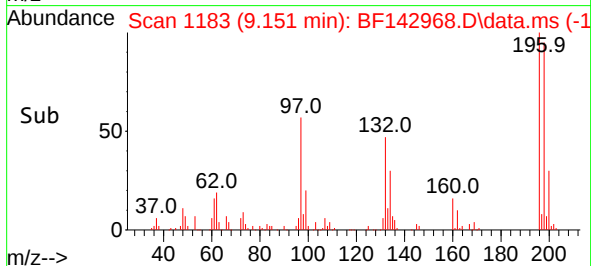
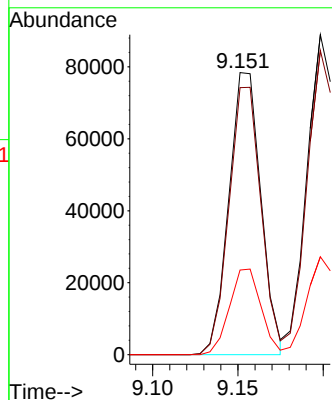
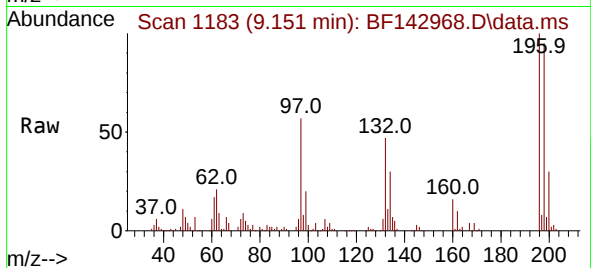
Tgt Ion:196 Resp: 102778

Ion Ratio Lower Upper

196 100

198 94.7 76.2 114.2

200 30.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.995 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Tgt Ion:196 Resp: 112710

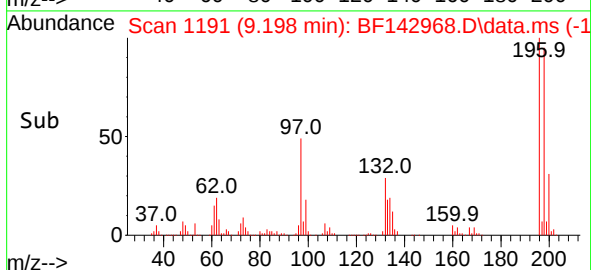
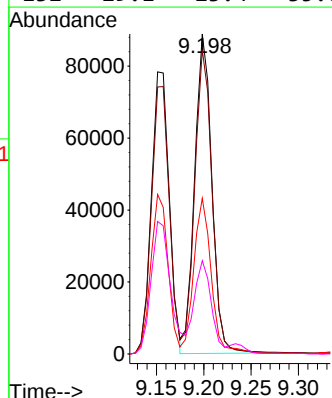
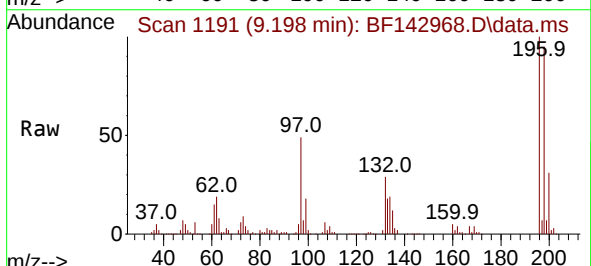
Ion Ratio Lower Upper

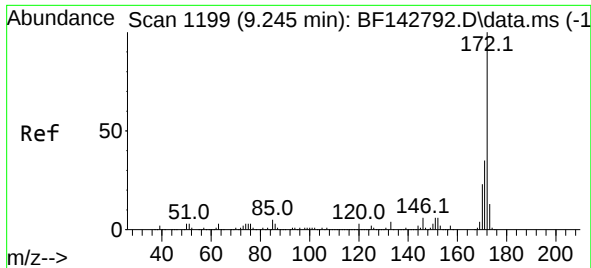
196 100

198 95.1 76.6 115.0

97 48.7 38.2 57.2

132 29.1 23.4 35.0

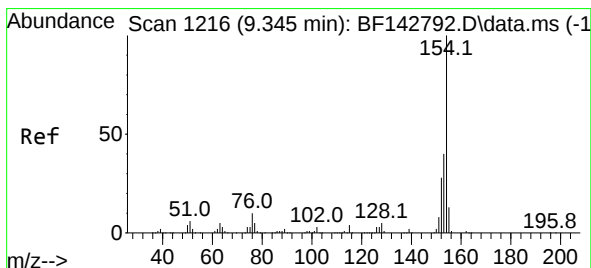
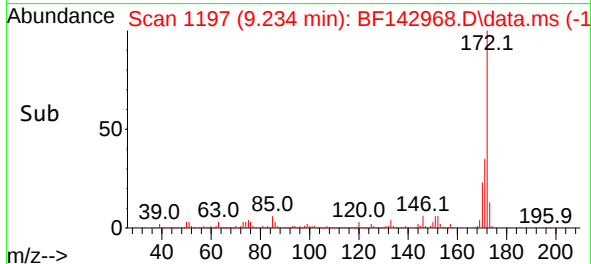
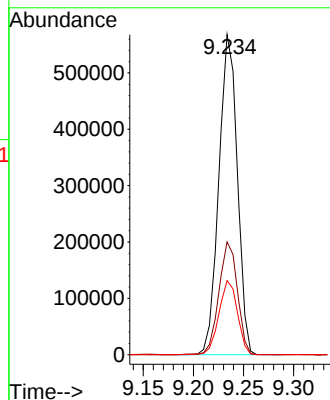
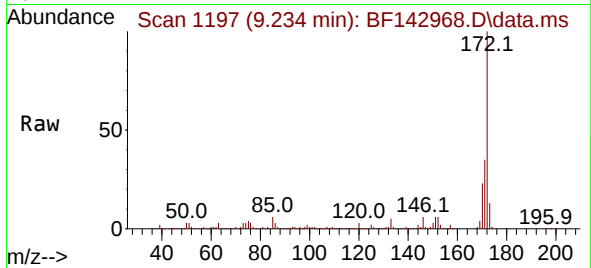




#45
2-Fluorobiphenyl
Concen: 73.680 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

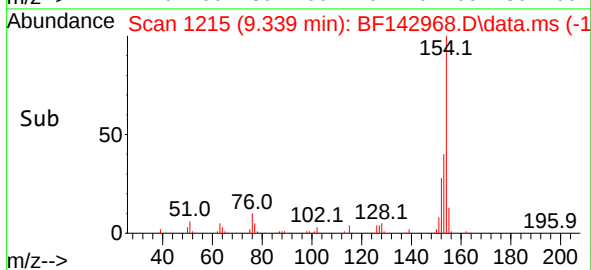
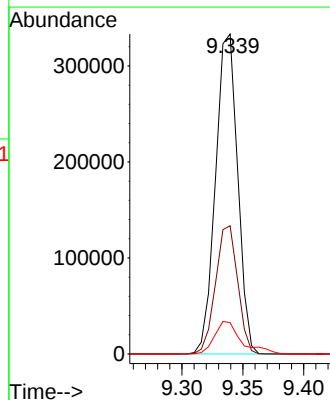
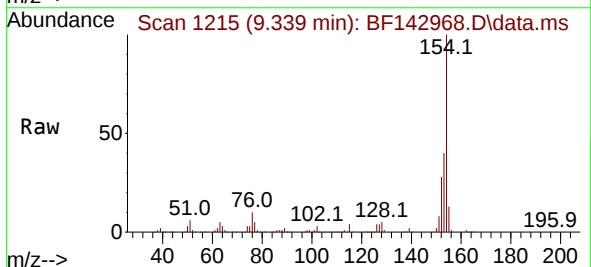
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

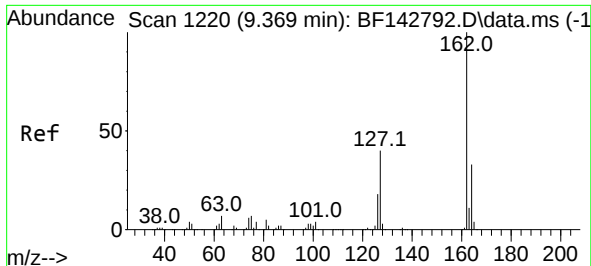
Tgt Ion:172 Resp: 726436
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.199 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:154 Resp: 421523
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 9.8 0.0 30.3

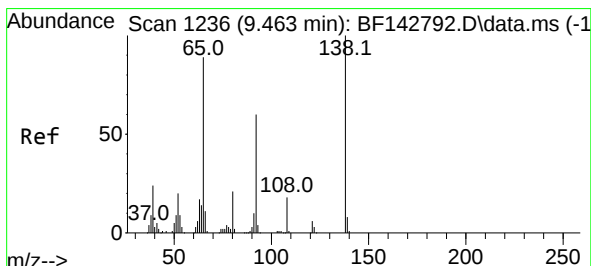
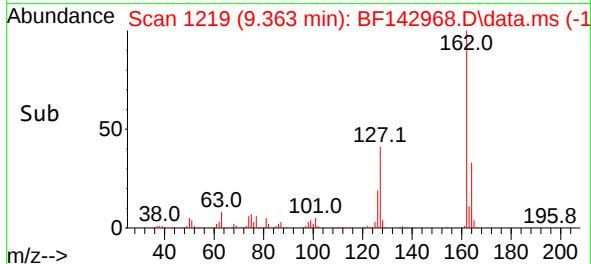
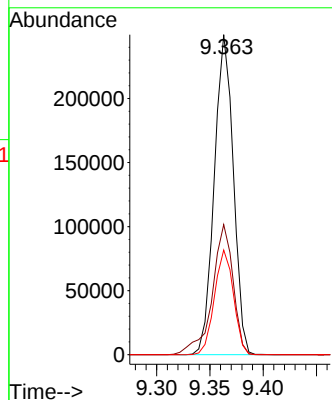
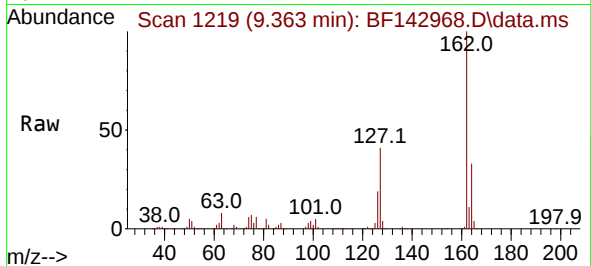




#47
2-Chloronaphthalene
Concen: 40.502 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

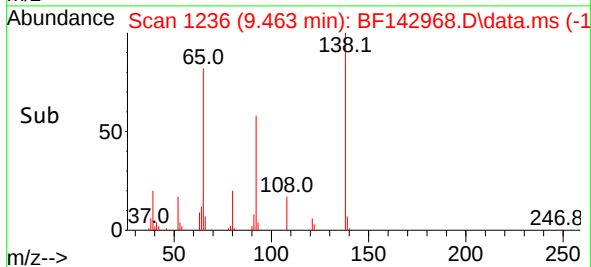
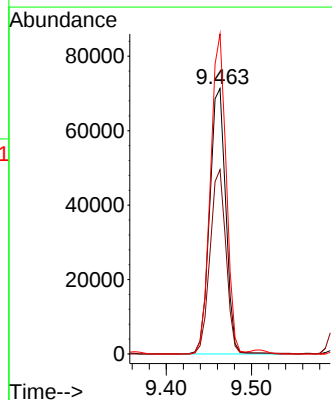
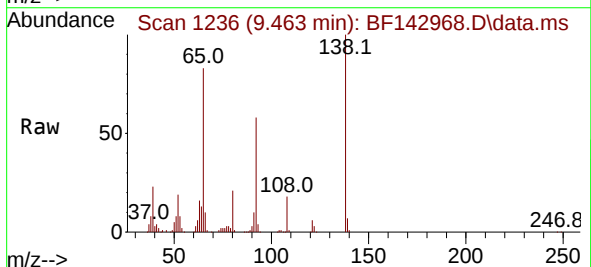
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

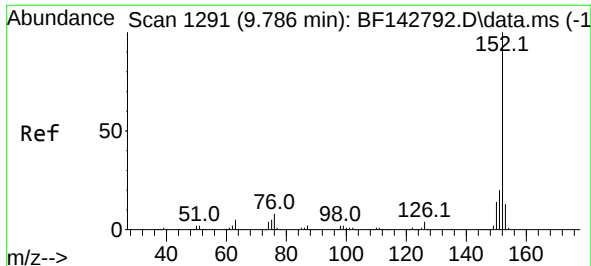
Tgt Ion:162 Resp: 310973
Ion Ratio Lower Upper
162 100
127 40.7 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 43.432 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion: 65 Resp: 93489
Ion Ratio Lower Upper
65 100
92 69.5 53.8 80.6
138 120.6 89.6 134.4

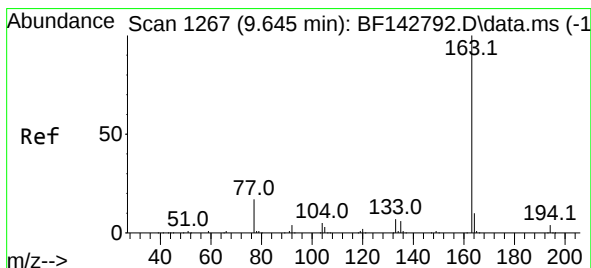
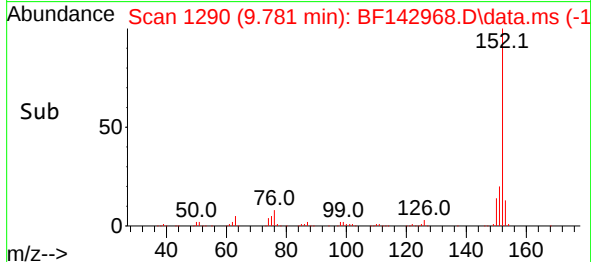
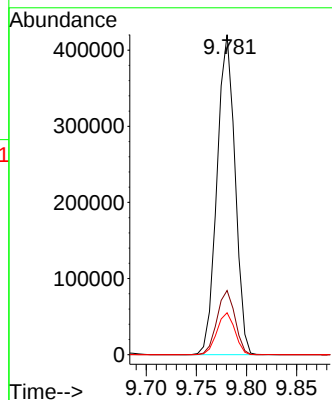
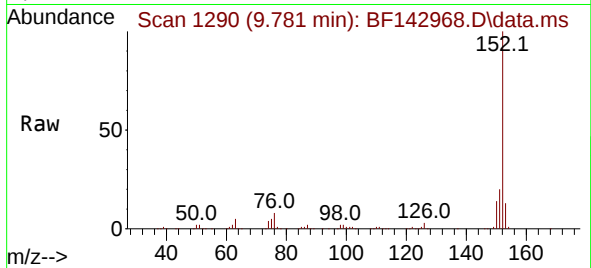




#49
Acenaphthylene
Concen: 41.565 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

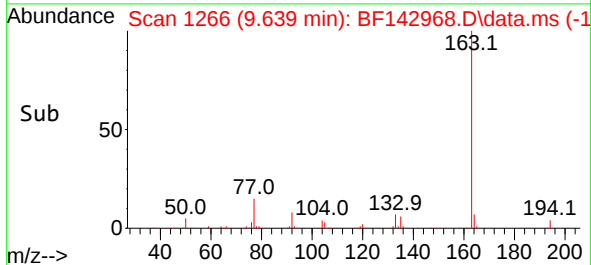
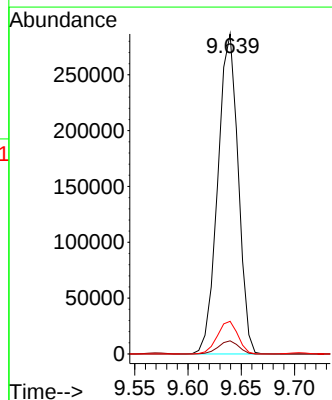
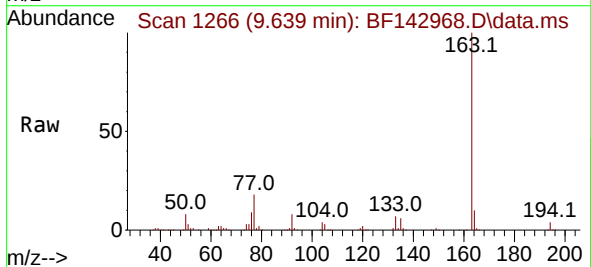
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

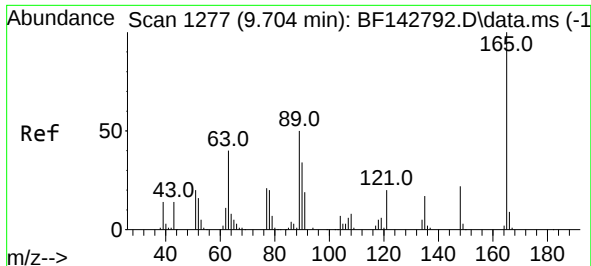
Tgt Ion:152 Resp: 525358
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 45.402 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:163 Resp: 380645
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.0 12.0

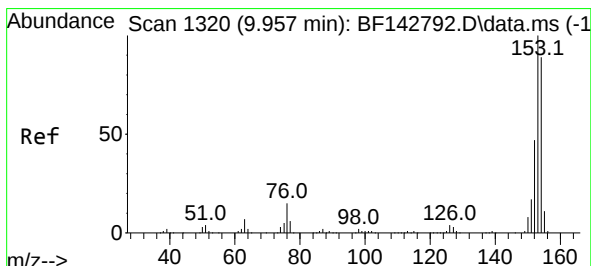
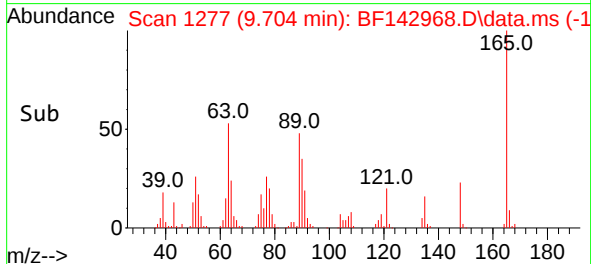
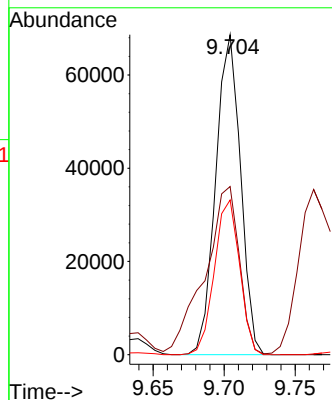
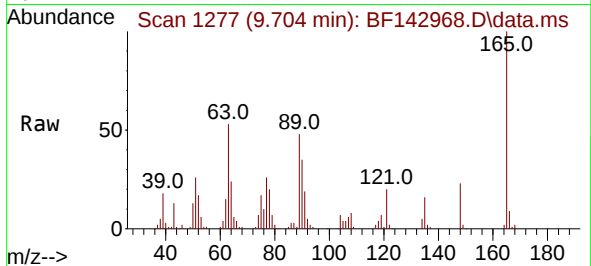




#51
2,6-Dinitrotoluene
Concen: 45.317 ng
RT: 9.704 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

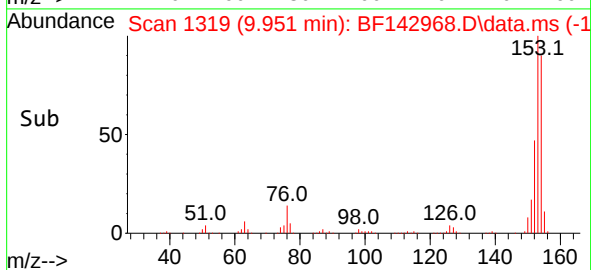
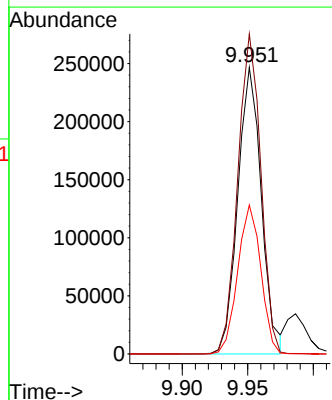
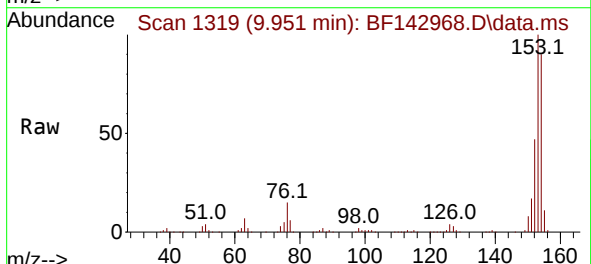
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

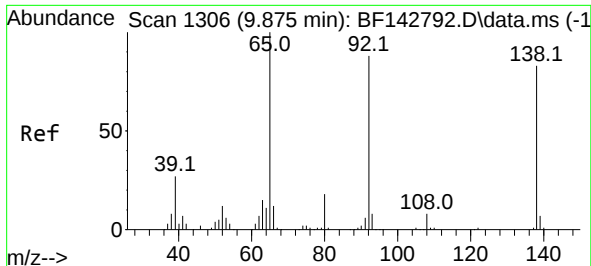
Tgt Ion:165 Resp: 83437
Ion Ratio Lower Upper
165 100
63 52.6 44.2 66.4
89 48.4 39.8 59.8



#52
Acenaphthene
Concen: 40.096 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:154 Resp: 309206
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 51.9 41.9 62.9

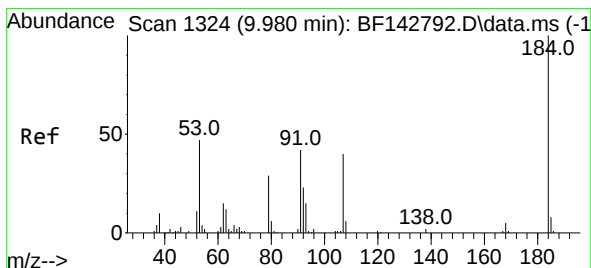
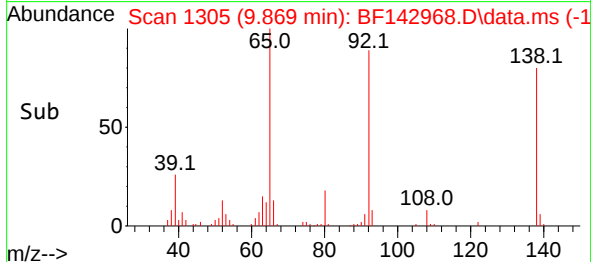
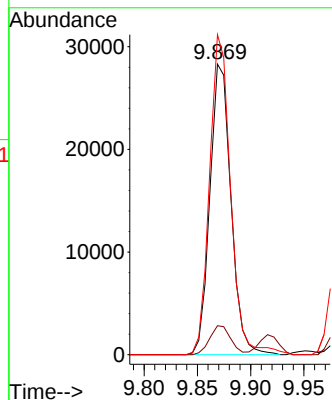
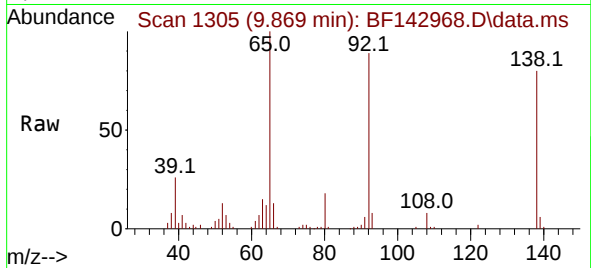




#53
3-Nitroaniline
Concen: 19.260 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

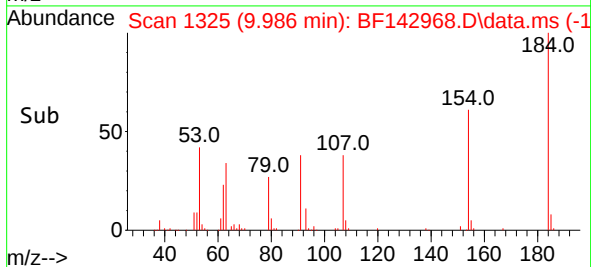
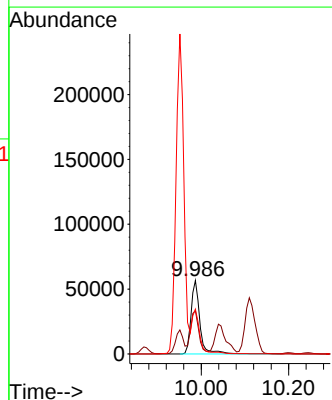
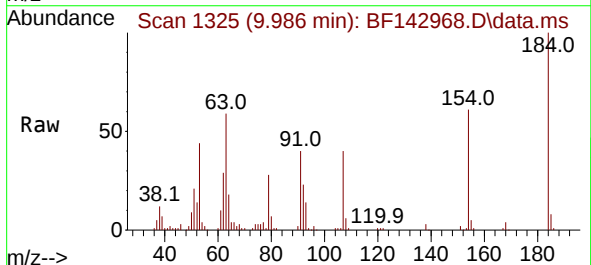
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

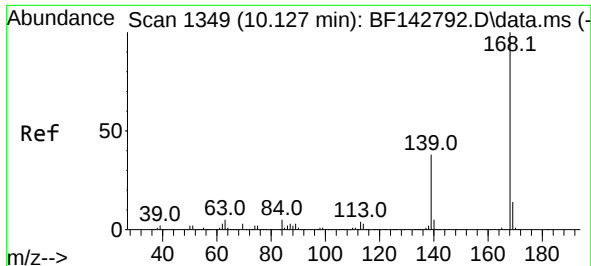
Tgt Ion:138 Resp: 39043
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 110.1 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 86.596 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:184 Resp: 79834
Ion Ratio Lower Upper
184 100
63 58.8 50.6 75.8
154 61.0 51.8 77.8

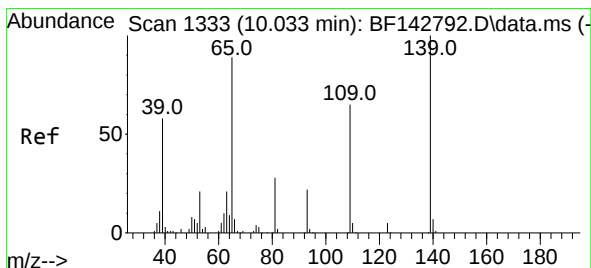
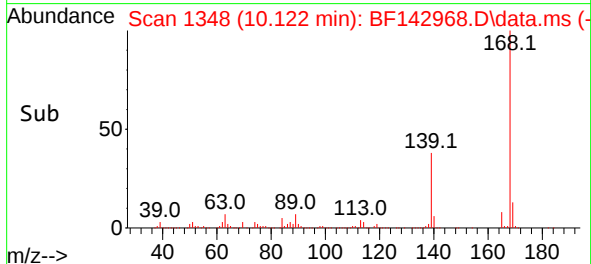
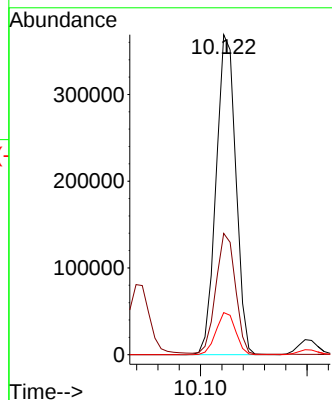
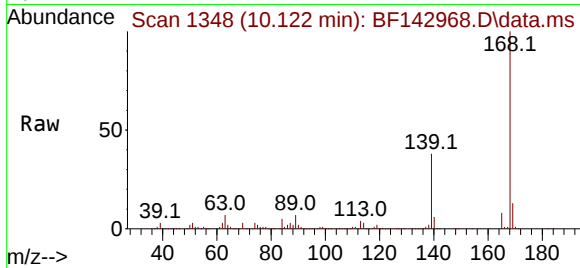




#55
Dibenzenofuran
Concen: 42.685 ng
RT: 10.122 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

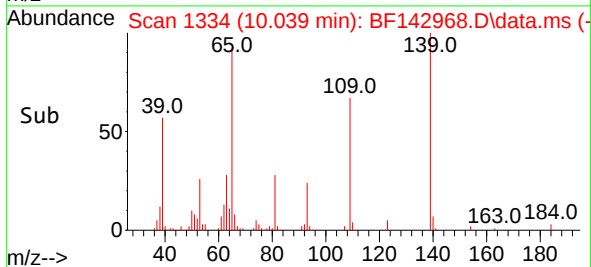
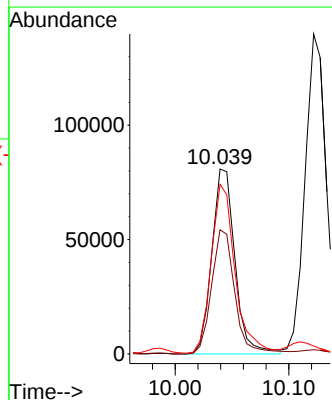
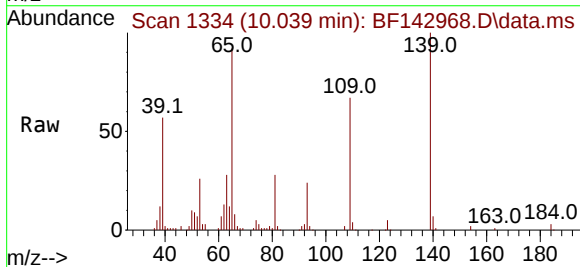
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

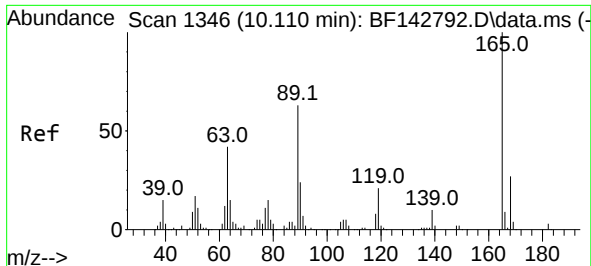
Tgt Ion:168 Resp: 472018
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 82.347 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:139 Resp: 114281
Ion Ratio Lower Upper
139 100
109 67.2 44.7 84.7
65 91.7 69.8 109.8

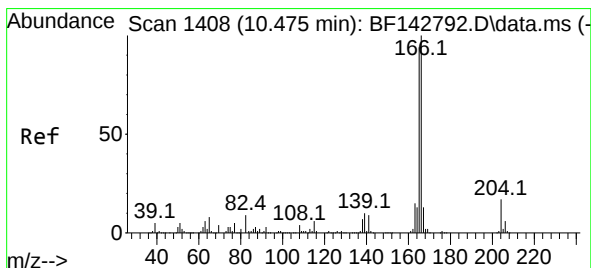
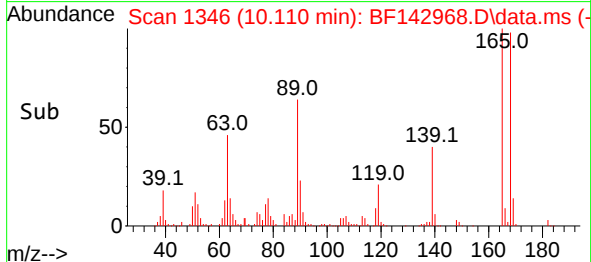
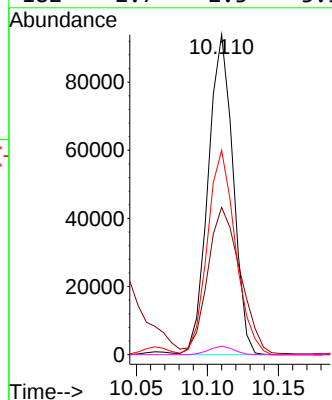
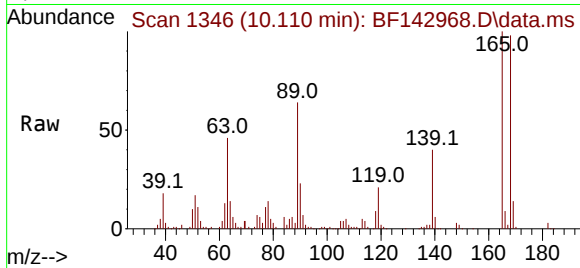




#57
2,4-Dinitrotoluene
Concen: 46.908 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

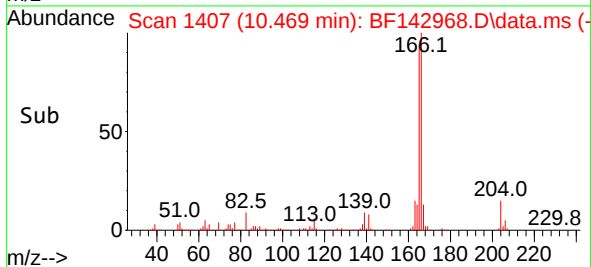
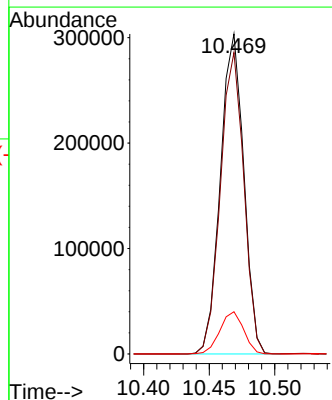
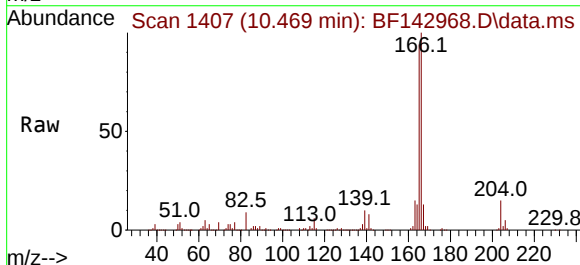
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion:165 Resp: 114720
Ion Ratio Lower Upper
165 100
63 46.1 33.9 50.9
89 63.8 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 43.513 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:166 Resp: 375795
Ion Ratio Lower Upper
166 100
165 94.2 75.2 112.8
167 13.2 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.001 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion:232 Resp: 95091

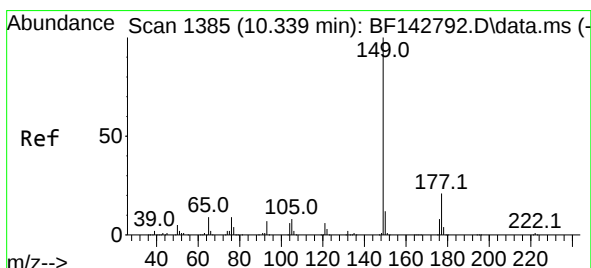
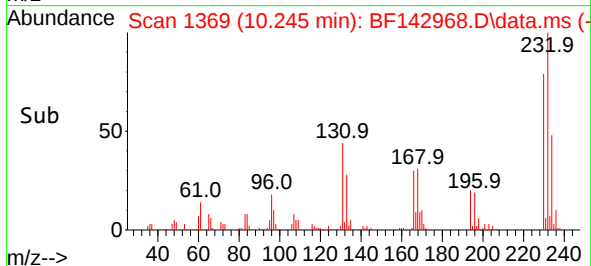
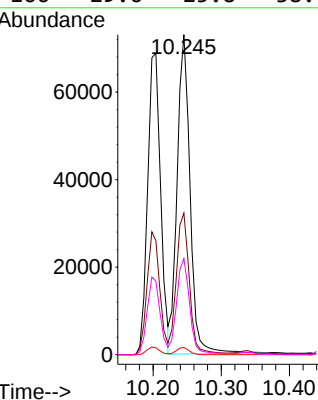
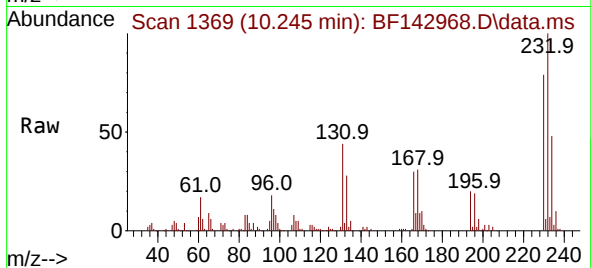
Ion Ratio Lower Upper

232 100

131 44.9 37.6 56.4

130 2.2 1.7 2.5

166 29.6 25.8 38.6



#60

Diethylphthalate

Concen: 47.555 ng

RT: 10.339 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

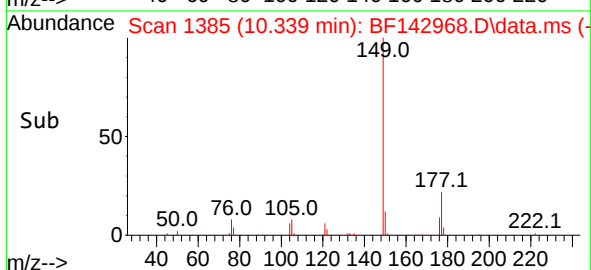
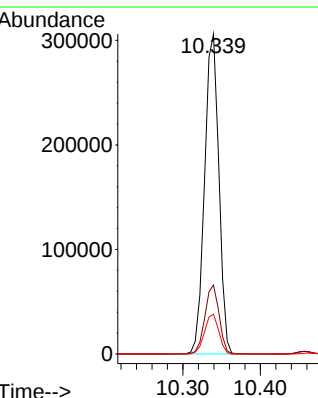
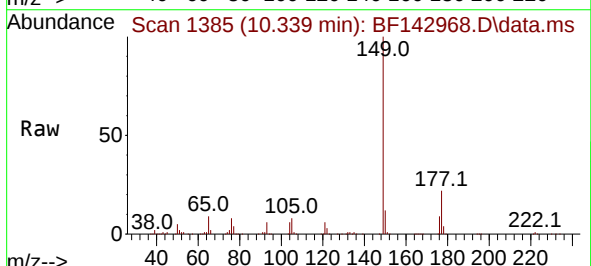
Tgt Ion:149 Resp: 390912

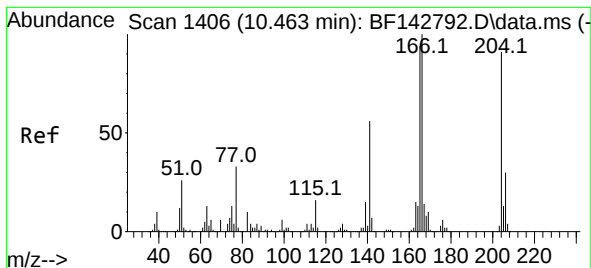
Ion Ratio Lower Upper

149 100

177 21.5 17.0 25.6

150 12.4 9.8 14.6

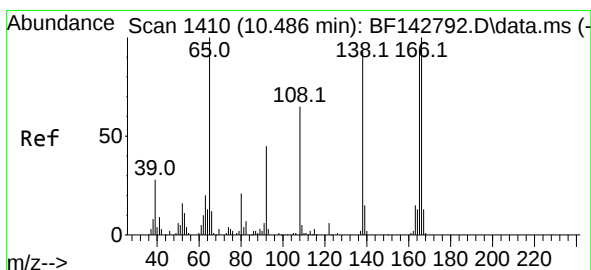
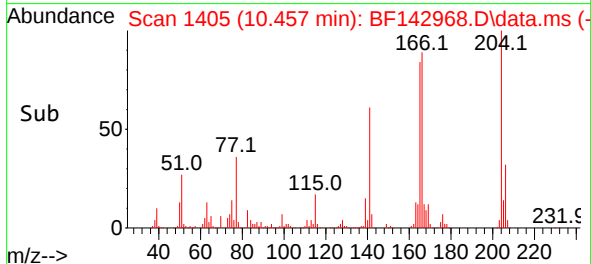
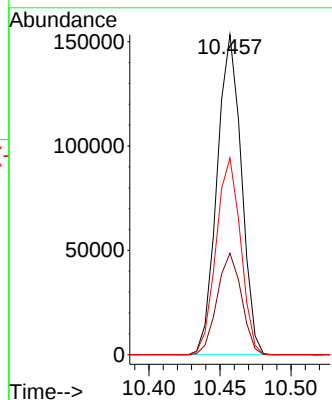
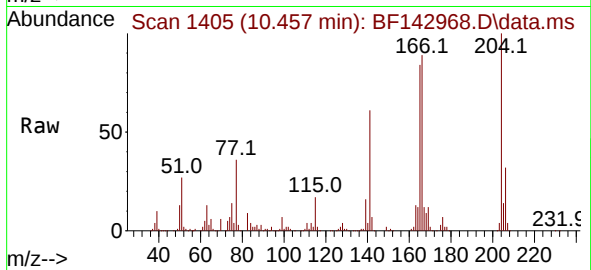




#61
4-Chlorophenyl-phenylether
Concen: 44.249 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

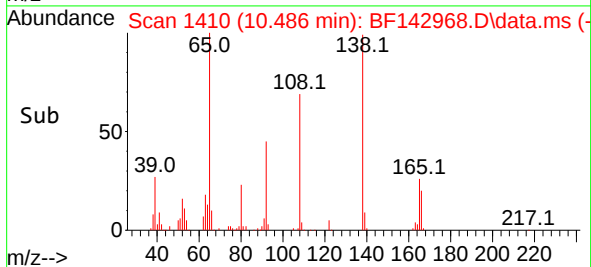
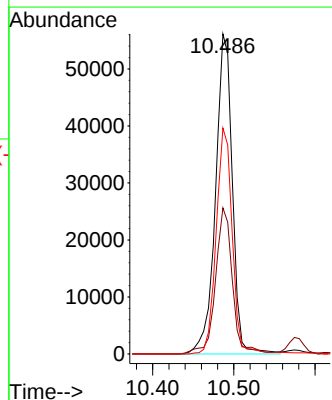
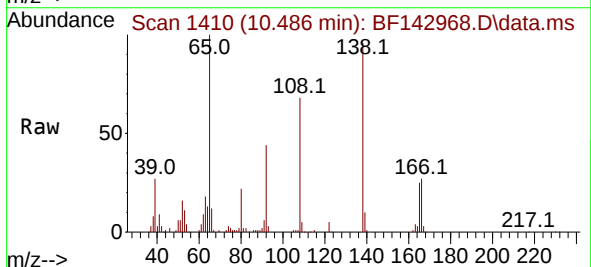
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

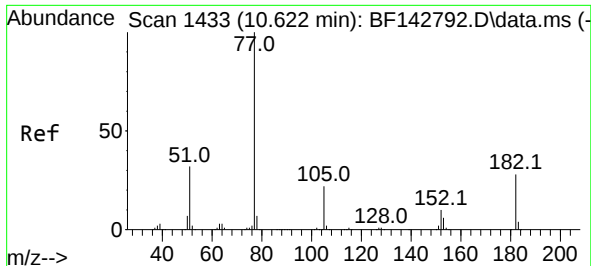
Tgt Ion:204 Resp: 182355
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 61.5 49.1 73.7



#62
4-Nitroaniline
Concen: 43.689 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:138 Resp: 80998
Ion Ratio Lower Upper
138 100
92 45.6 28.4 68.4
108 70.6 50.2 90.2



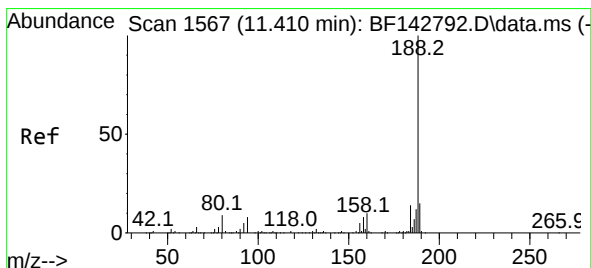
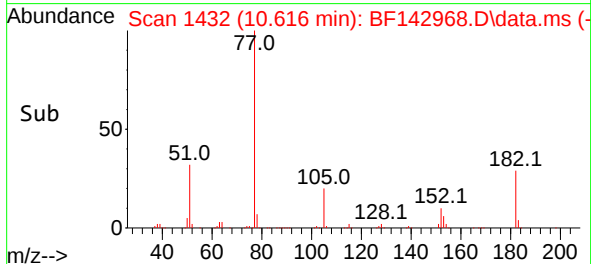
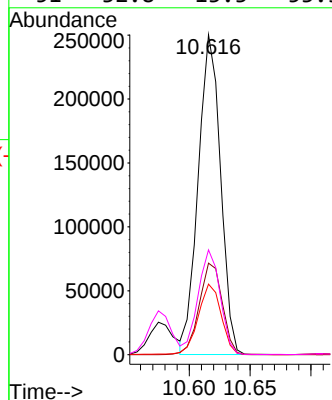
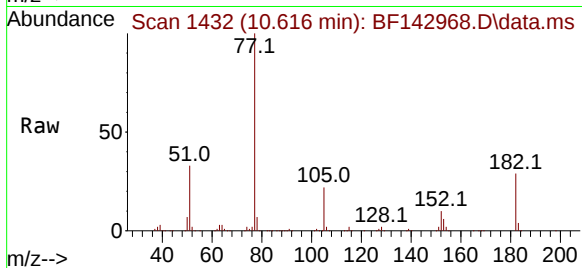


#63
Azobenzene
Concen: 43.388 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion: 77 Resp: 318772

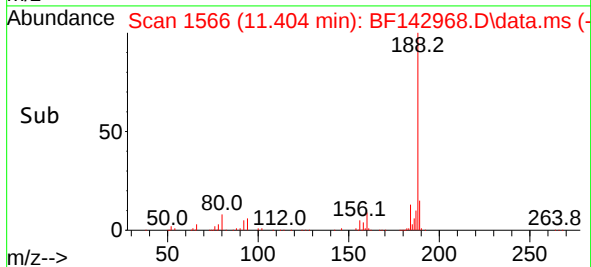
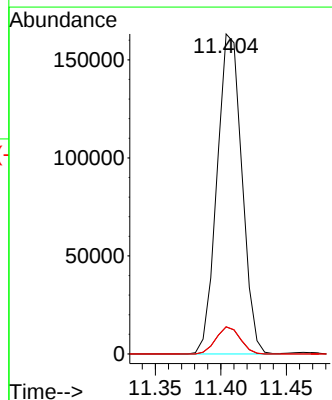
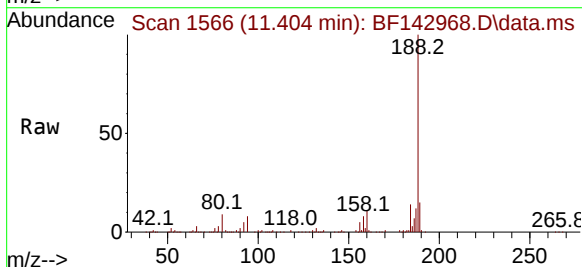
Ion	Ratio	Lower	Upper
77	100		
182	28.6	7.7	47.7
105	22.1	1.9	41.9
51	32.8	13.3	53.3

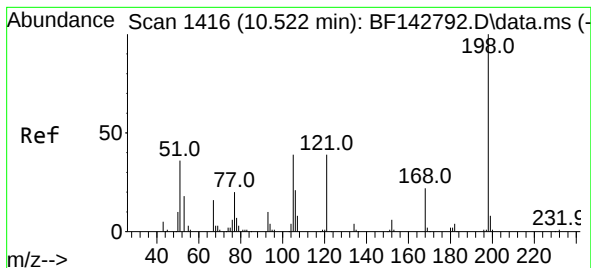


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion: 188 Resp: 215277

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.5	6.9	10.3

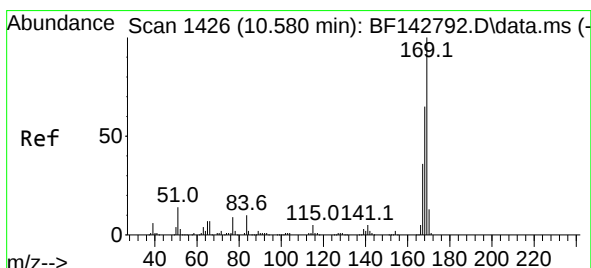
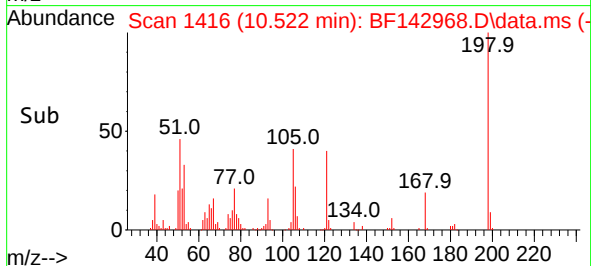
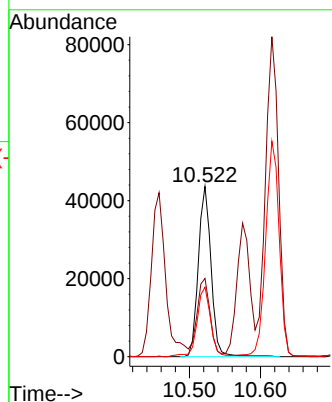
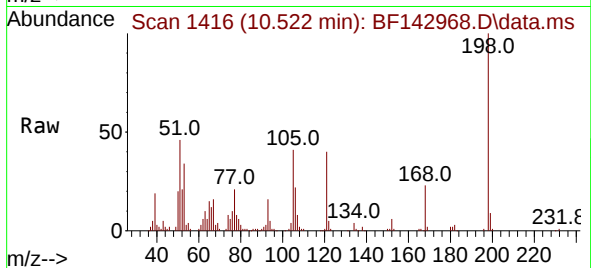




#65
4,6-Dinitro-2-methylphenol
Concen: 42.014 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

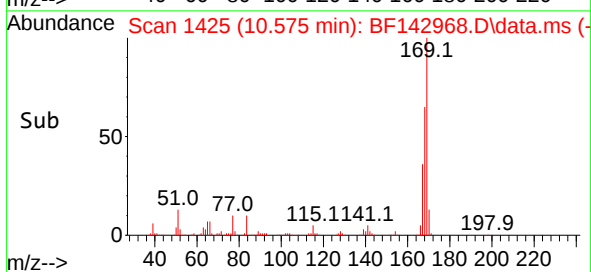
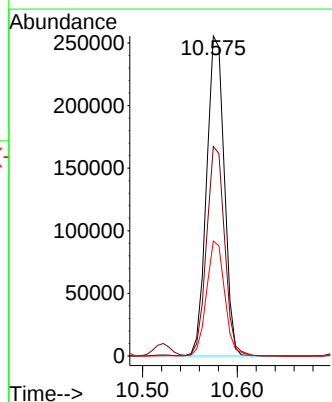
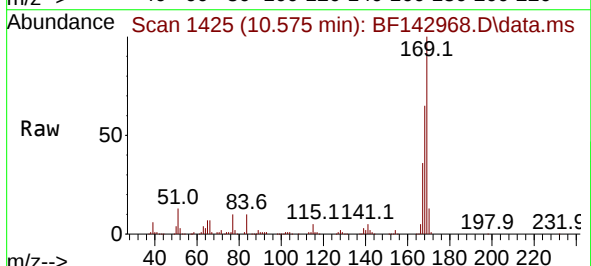
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

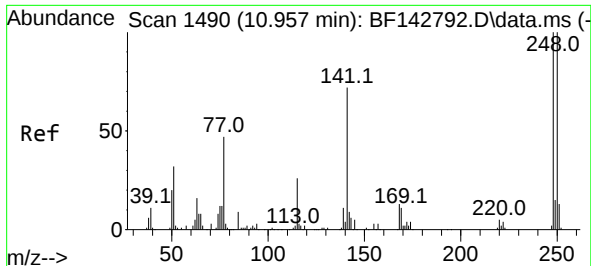
Tgt Ion:198 Resp: 54708
Ion Ratio Lower Upper
198 100
51 46.0 25.4 65.4
105 40.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 44.440 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:169 Resp: 331564
Ion Ratio Lower Upper
169 100
168 65.4 51.9 77.9
167 35.9 28.5 42.7

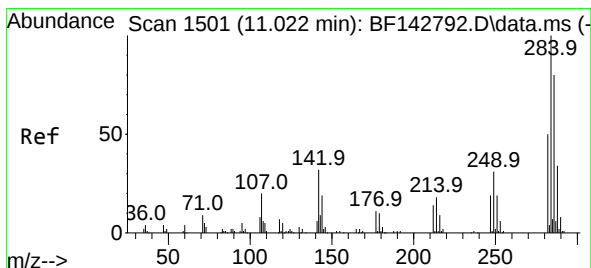
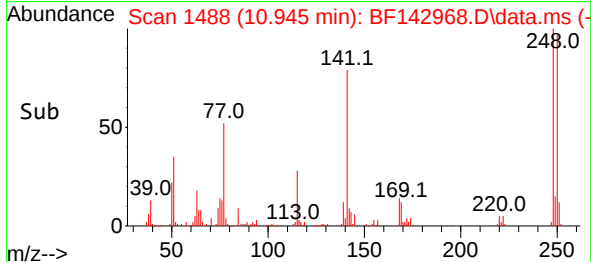
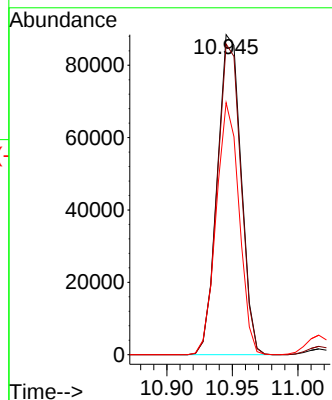
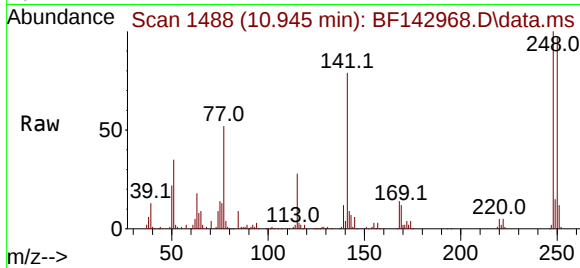




#67
4-Bromophenyl-phenylether
Concen: 45.620 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

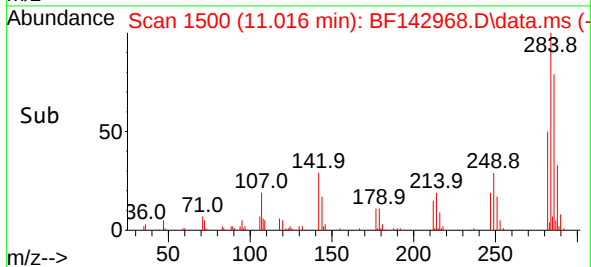
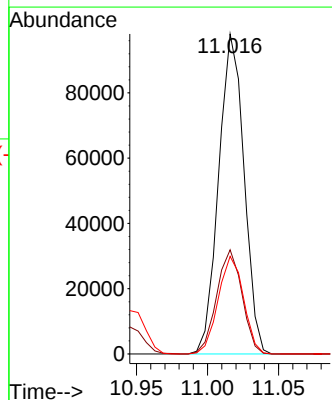
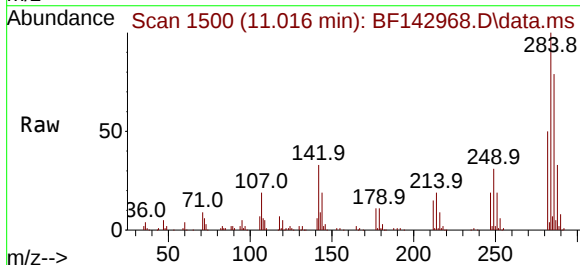
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

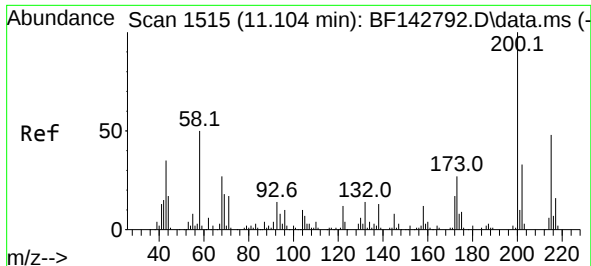
Tgt Ion:248 Resp: 111772
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 78.8 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.731 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:284 Resp: 121776
Ion Ratio Lower Upper
284 100
142 32.5 25.5 38.3
249 30.5 24.9 37.3

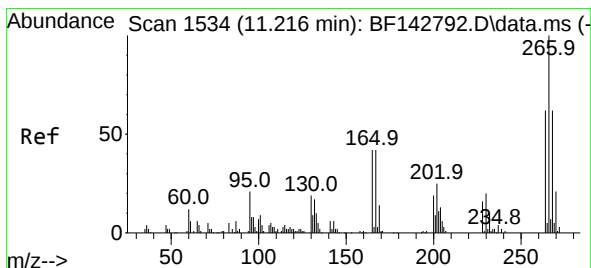
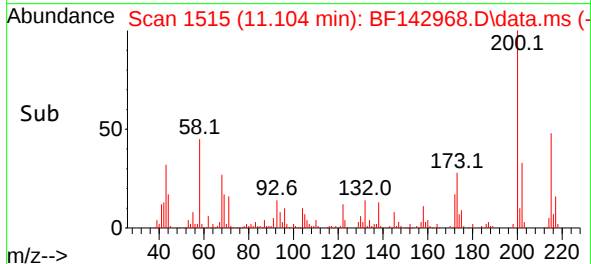
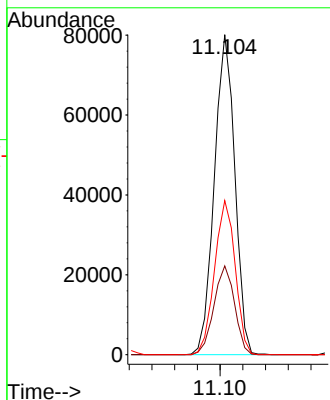
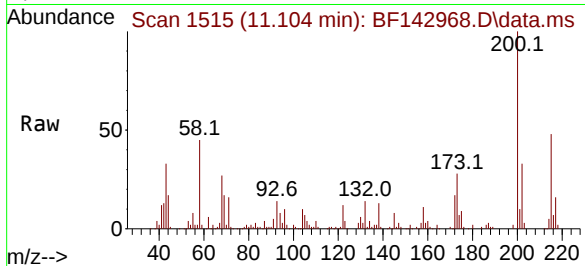




#69
 Atrazine
 Concen: 52.104 ng
 RT: 11.104 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

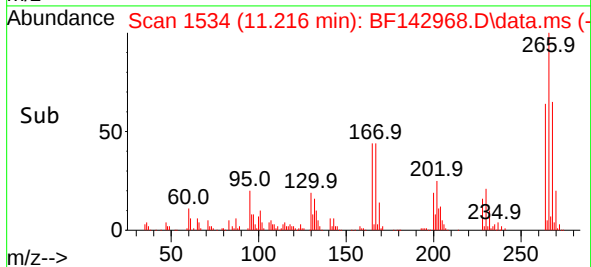
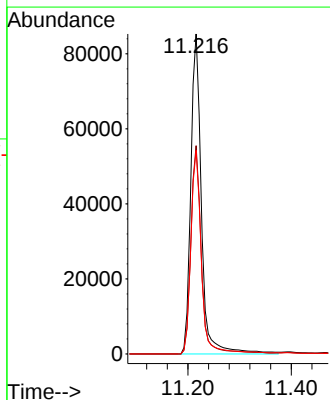
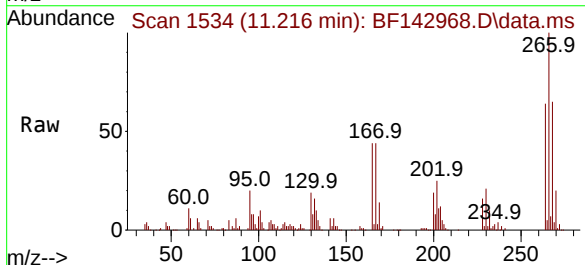
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

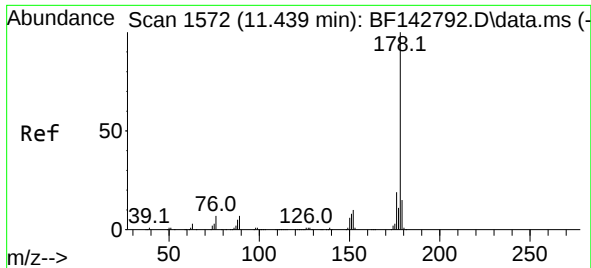
Tgt Ion:200 Resp: 100386
 Ion Ratio Lower Upper
 200 100
 173 27.7 7.4 47.4
 215 48.2 28.4 68.4



#70
 Pentachlorophenol
 Concen: 89.995 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

Tgt Ion:266 Resp: 122085
 Ion Ratio Lower Upper
 266 100
 268 65.1 49.8 74.8
 264 63.7 49.9 74.9

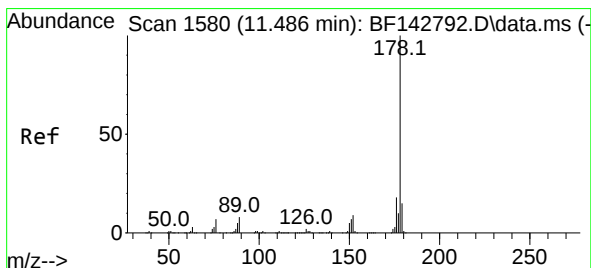
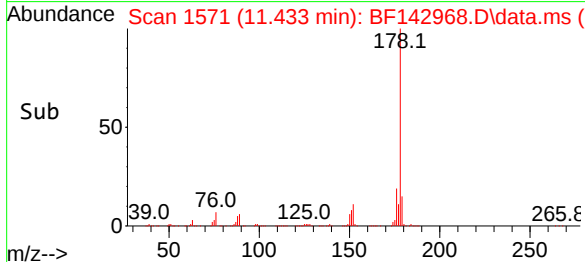
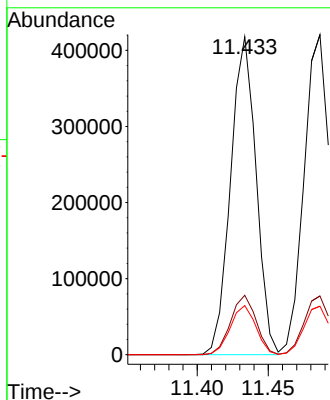
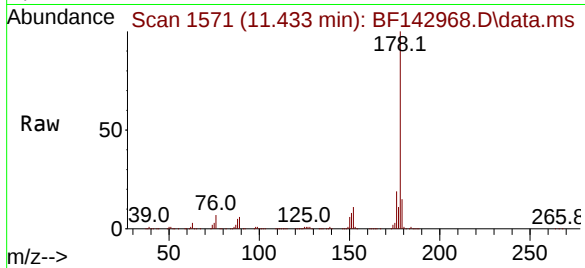




#71
Phenanthrene
Concen: 44.758 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

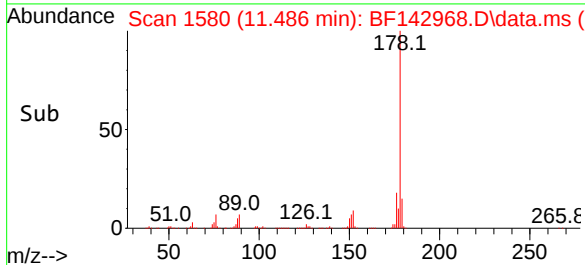
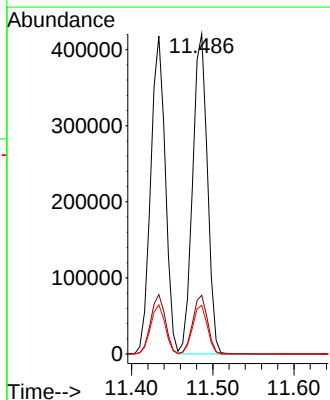
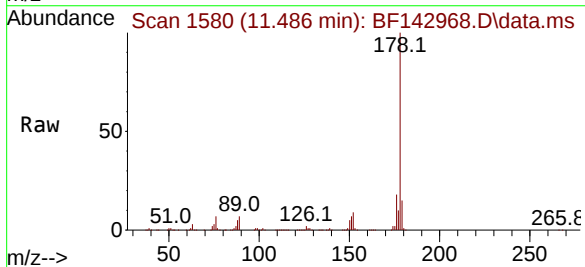
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

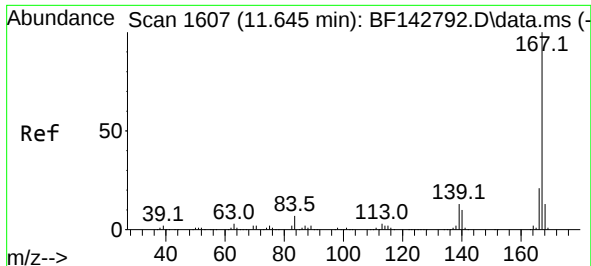
Tgt Ion:178 Resp: 521950
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 44.562 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:178 Resp: 532964
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.2 12.4 18.6

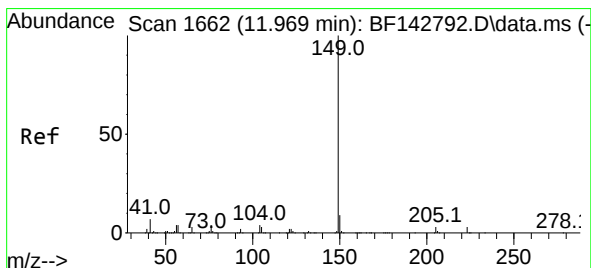
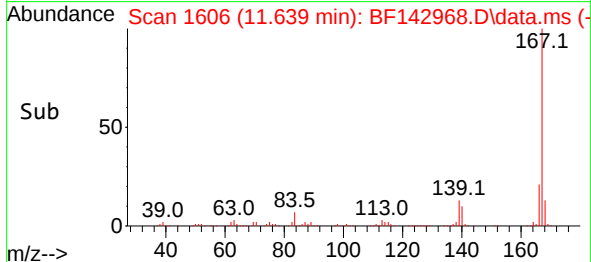
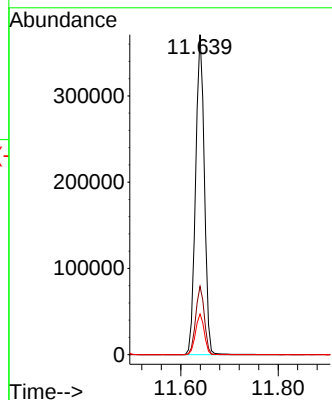
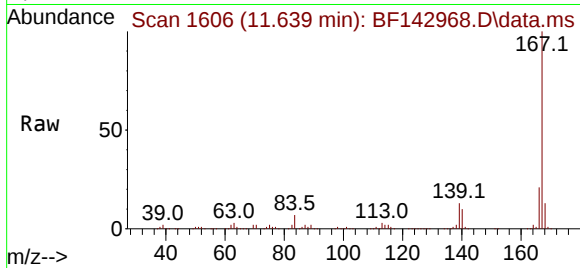




#73
 Carbazole
 Concen: 45.276 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

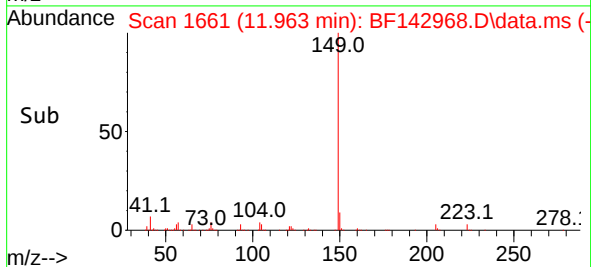
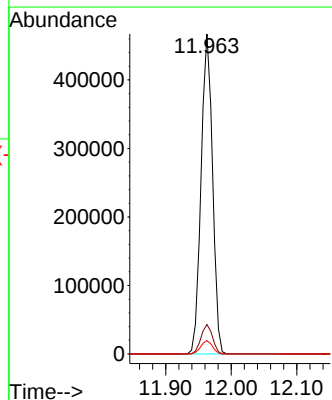
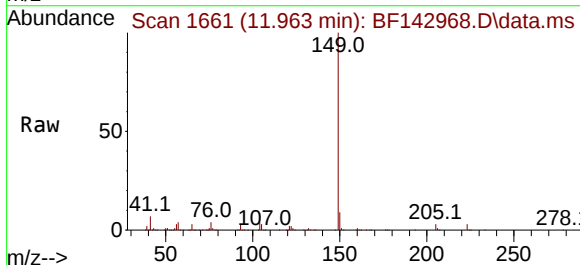
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

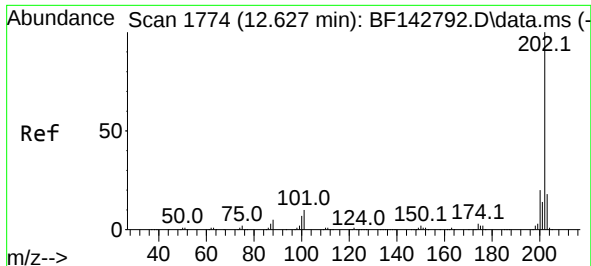
Tgt Ion:167 Resp: 467288
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 52.942 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

Tgt Ion:149 Resp: 569228
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.2 3.5 5.3

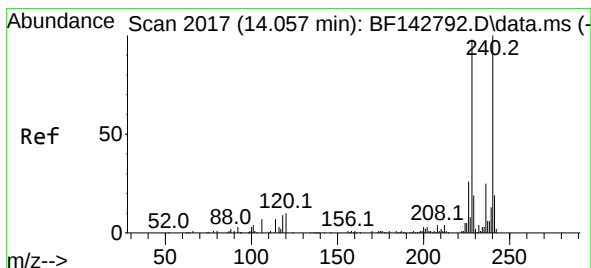
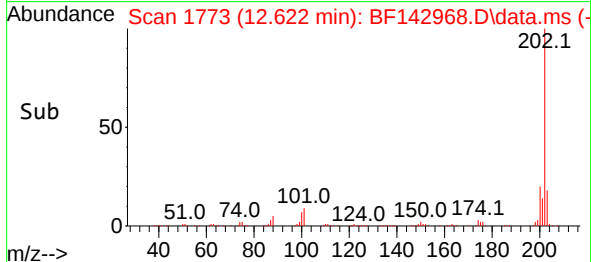
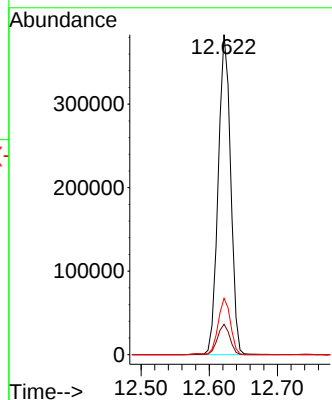
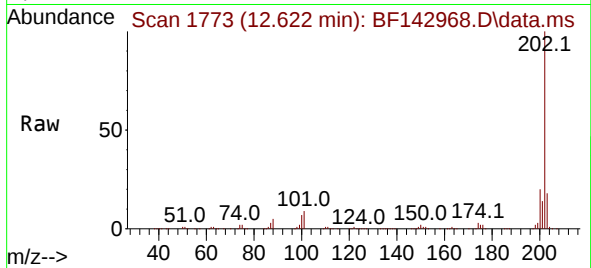




#75
Fluoranthene
Concen: 44.007 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

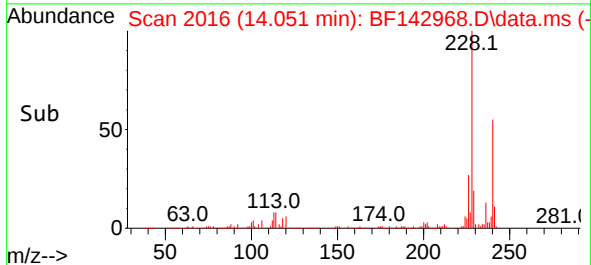
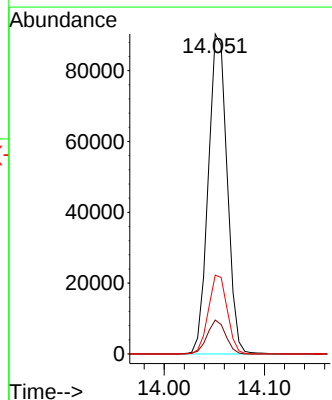
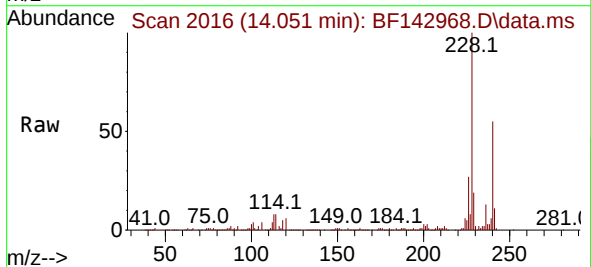
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

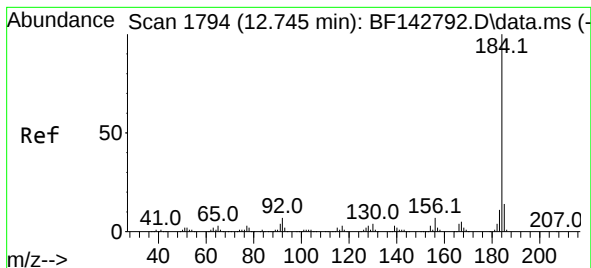
Tgt Ion:202 Resp: 487040
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:240 Resp: 118384
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 24.6 19.8 29.8





#77

Benzidine

Concen: 20.914 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

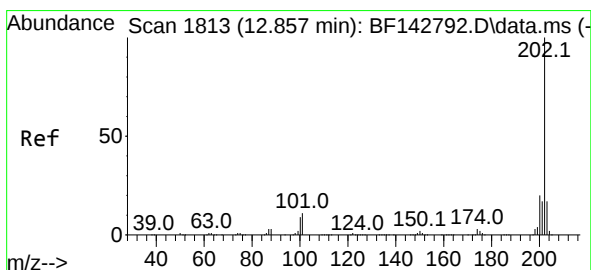
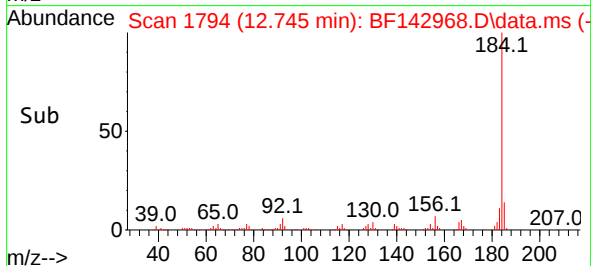
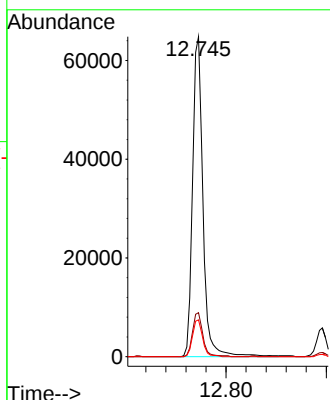
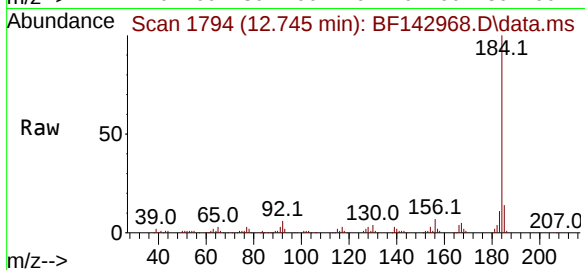
Tgt Ion:184 Resp: 93022

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.5 9.0 13.4



#78

Pyrene

Concen: 43.271 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

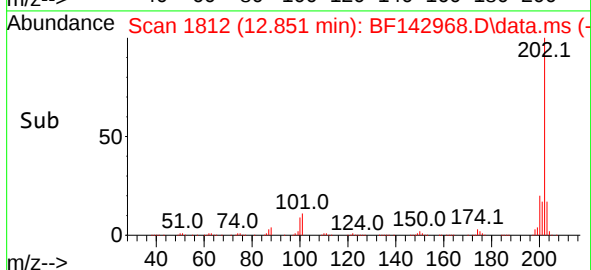
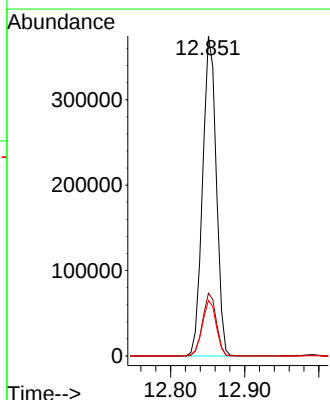
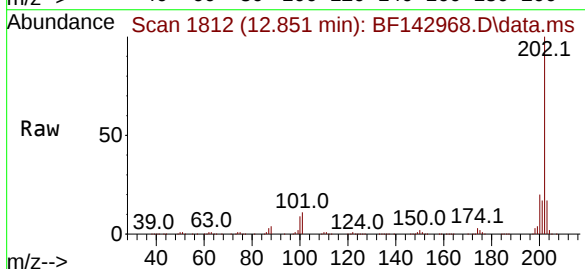
Tgt Ion:202 Resp: 480162

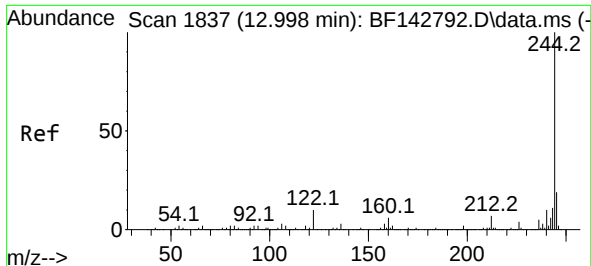
Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.3 13.8 20.6

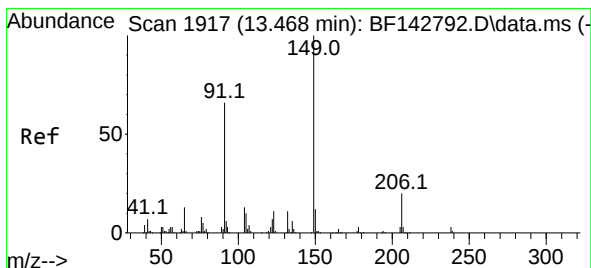
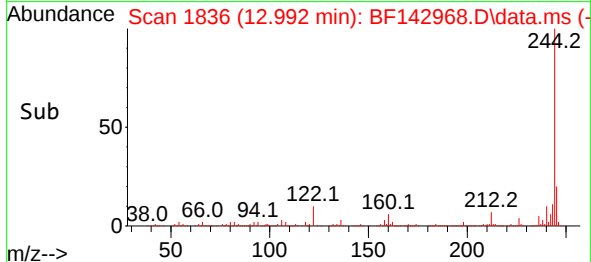
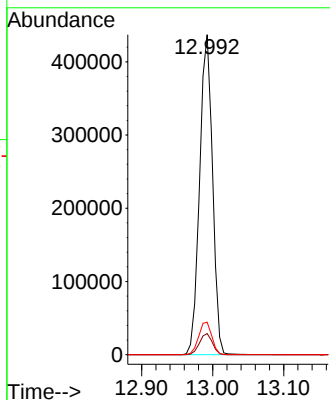
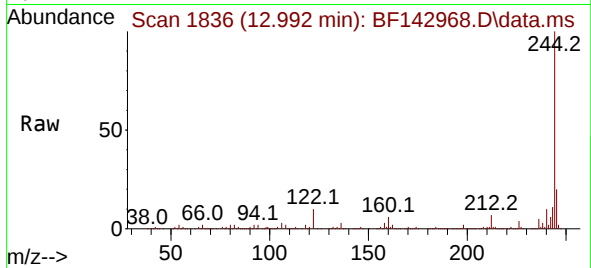




#79
 Terphenyl-d14
 Concen: 64.611 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

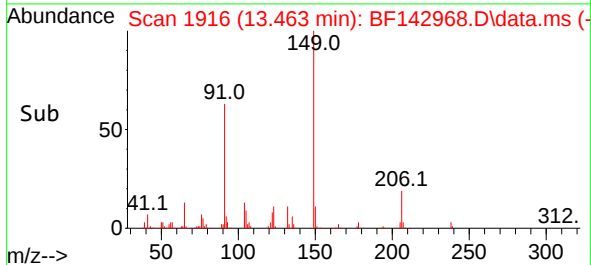
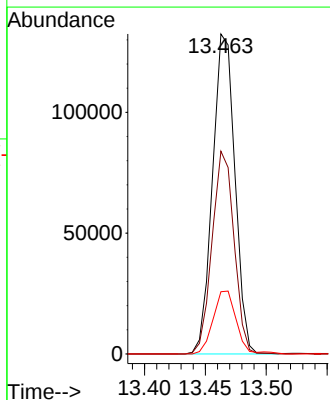
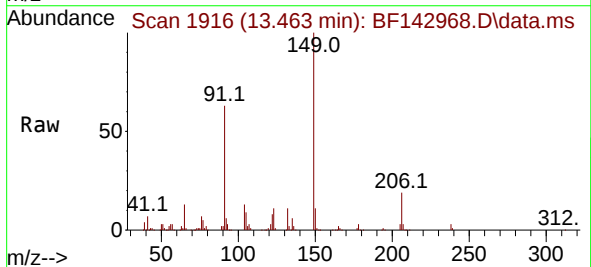
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

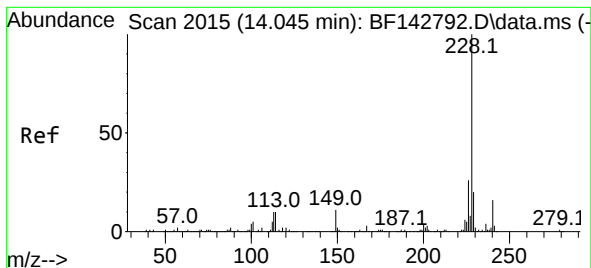
Tgt Ion:244 Resp: 553587
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.624 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142968.D
 Acq: 02 Jul 2025 13:47

Tgt Ion:149 Resp: 169389
 Ion Ratio Lower Upper
 149 100
 91 63.3 52.9 79.3
 206 19.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.847 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

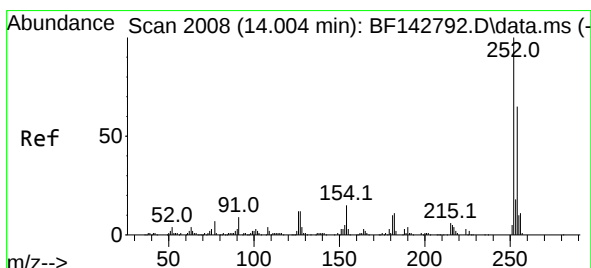
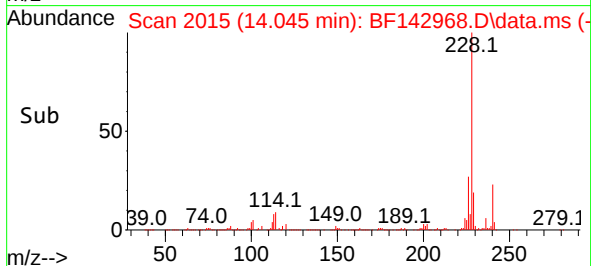
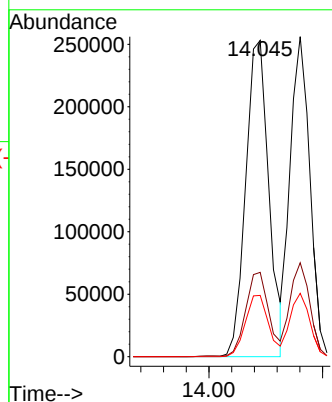
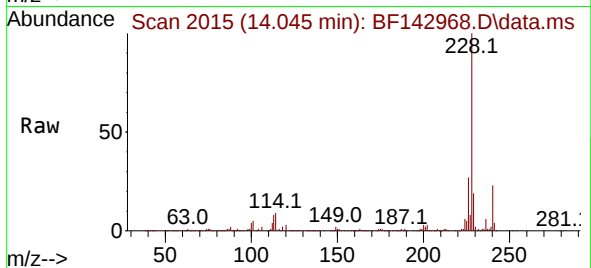
Tgt Ion:228 Resp: 358163

Ion Ratio Lower Upper

228 100

226 26.6 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 18.817 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

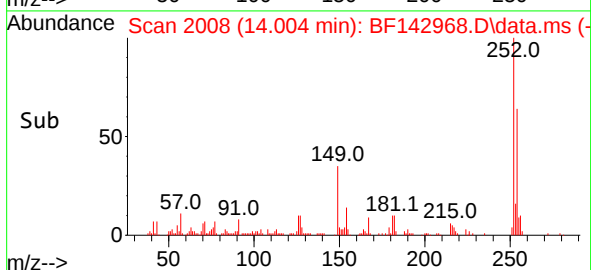
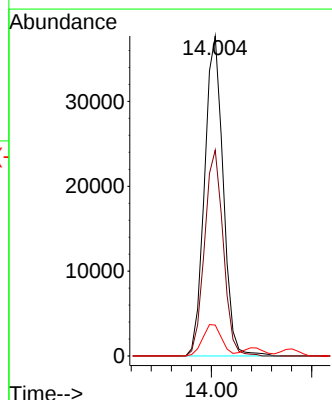
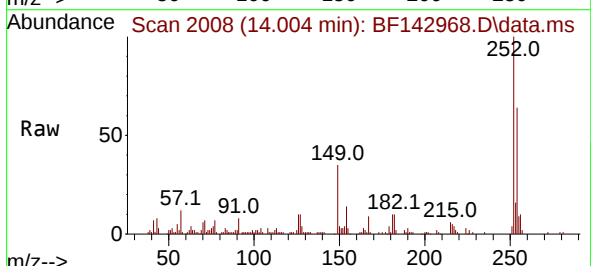
Tgt Ion:252 Resp: 48744

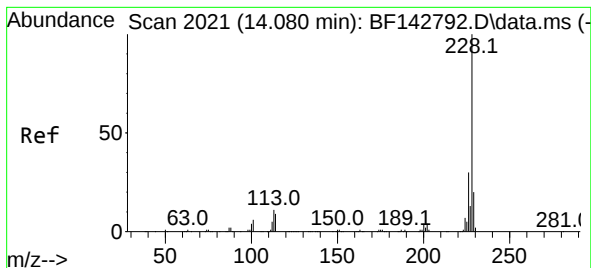
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 9.7 9.4 14.2





#83

Chrysene

Concen: 43.359 ng

RT: 14.080 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

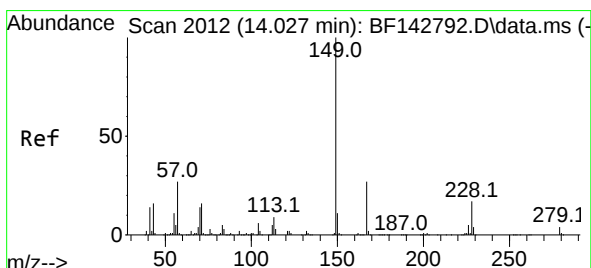
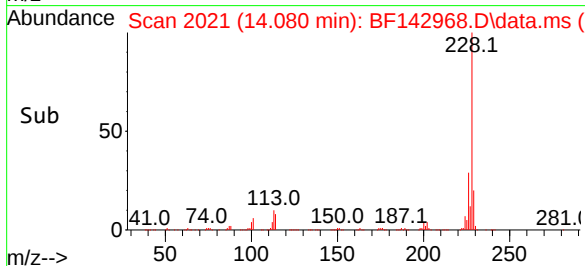
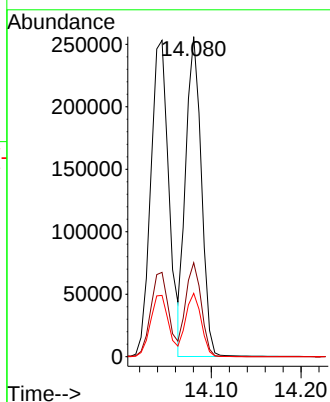
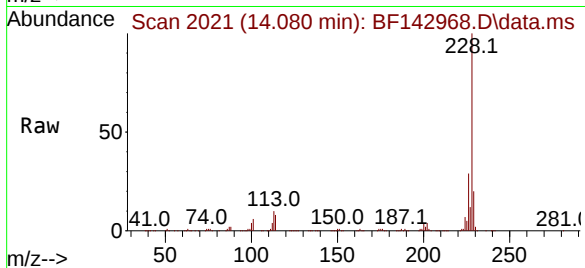
Tgt Ion:228 Resp: 308988

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.413 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

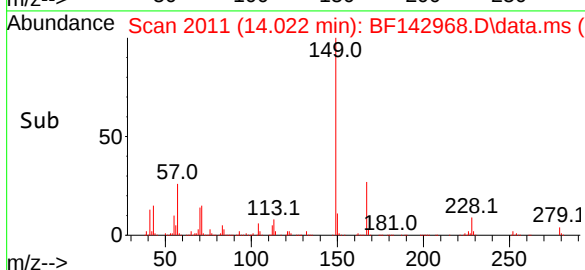
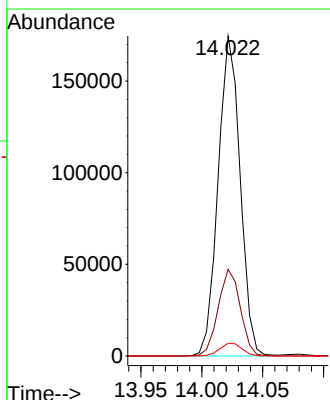
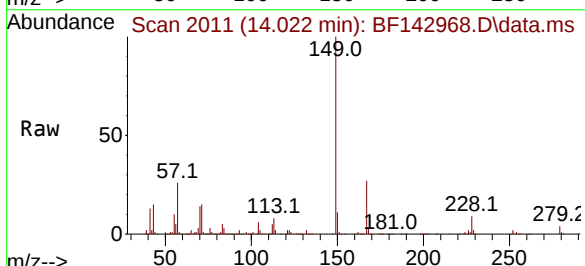
Tgt Ion:149 Resp: 219576

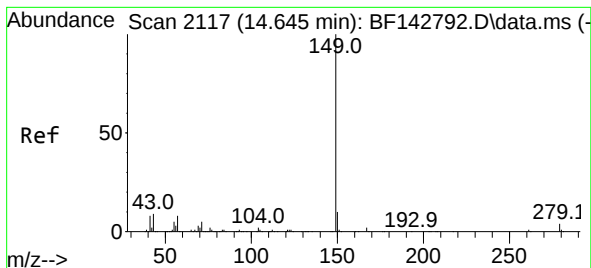
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 38.291 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

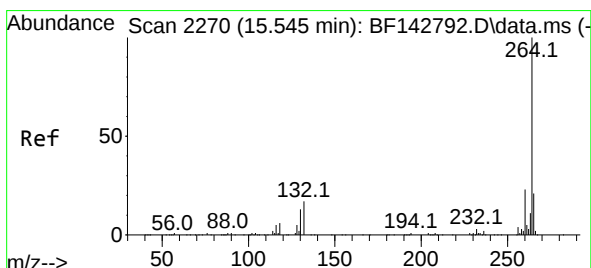
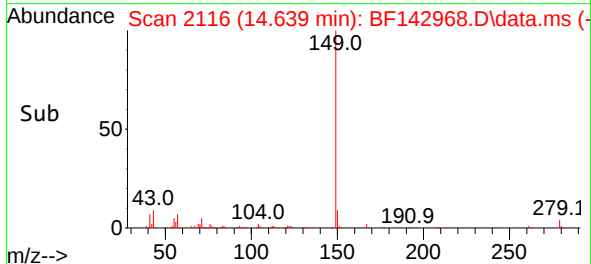
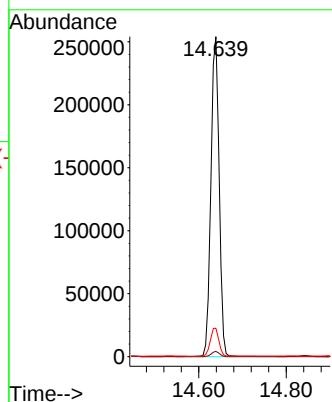
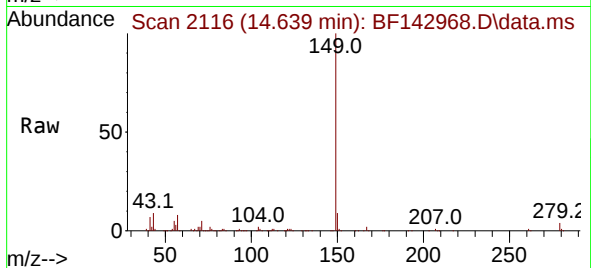
Tgt Ion:149 Resp: 334386

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

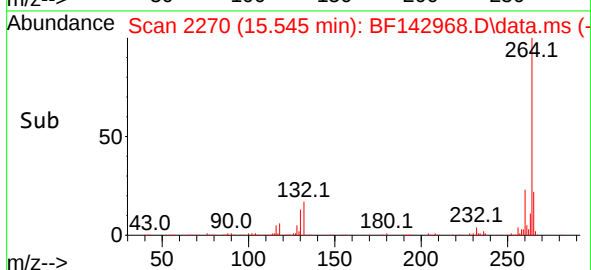
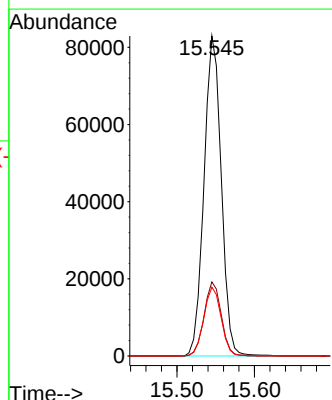
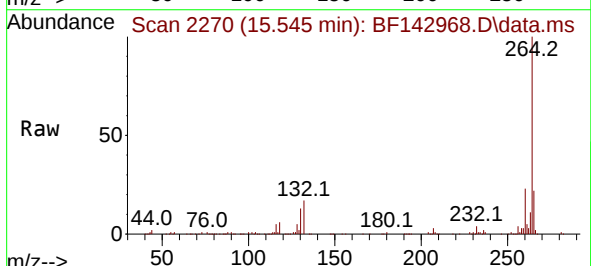
Tgt Ion:264 Resp: 128324

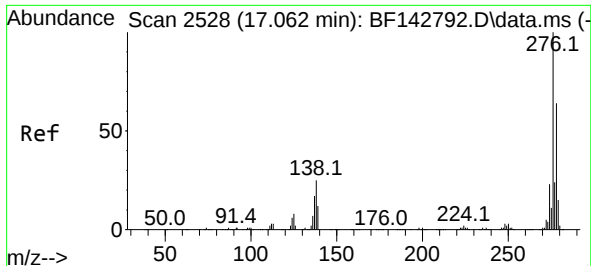
Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.5 16.6 25.0

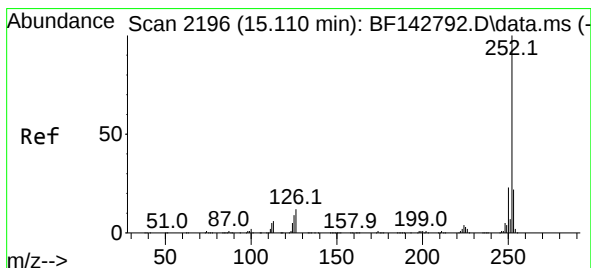
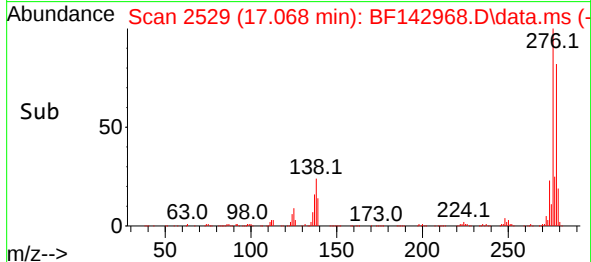
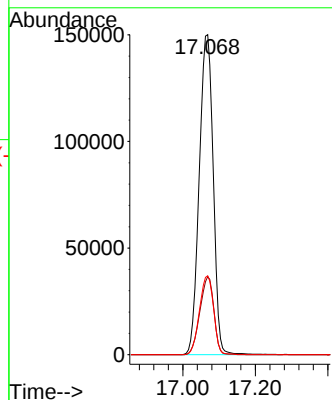
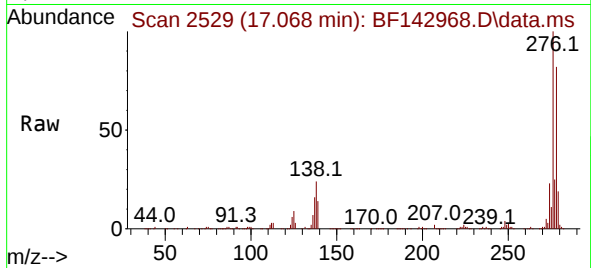




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.078 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

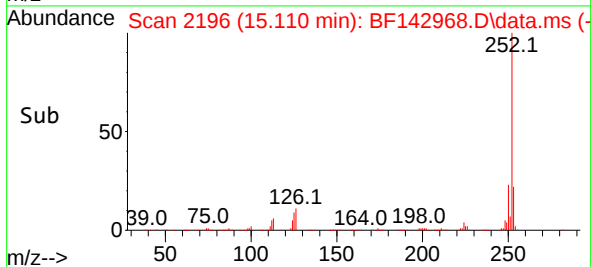
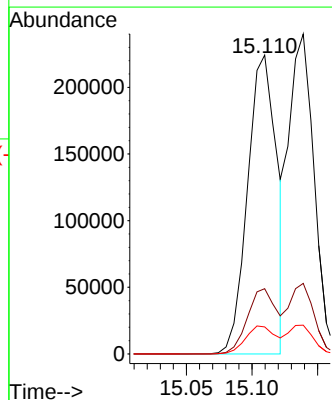
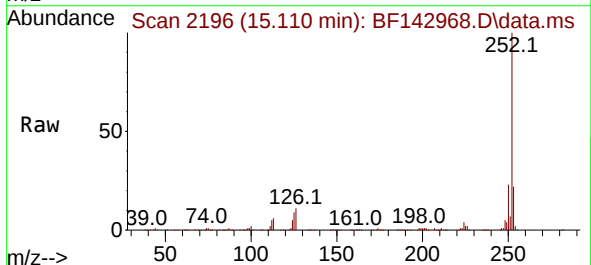
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

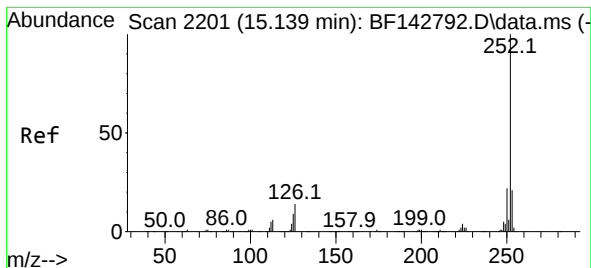
Tgt Ion:276 Resp: 401513
Ion Ratio Lower Upper
276 100
138 24.3 20.2 30.4
277 24.9 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 46.715 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:252 Resp: 346874
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.375 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

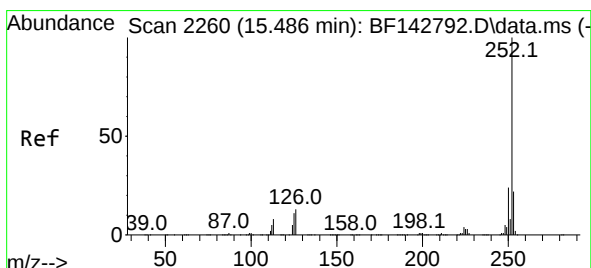
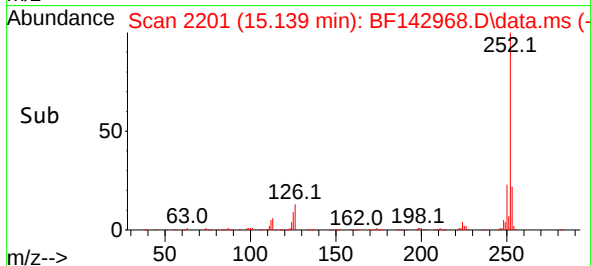
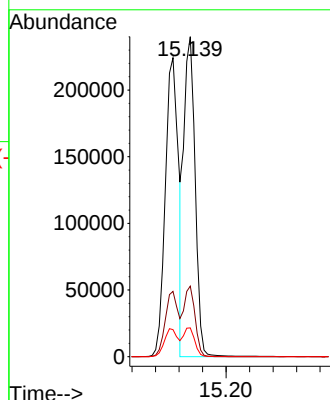
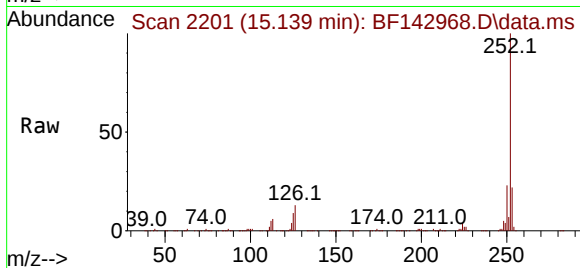
Tgt Ion:252 Resp: 322166

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.938 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

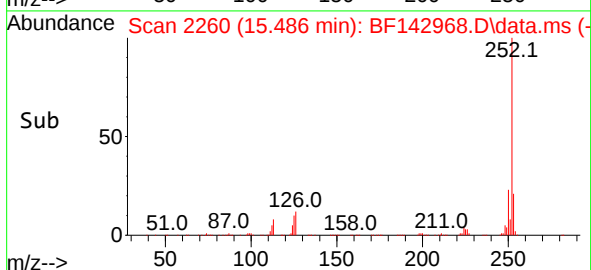
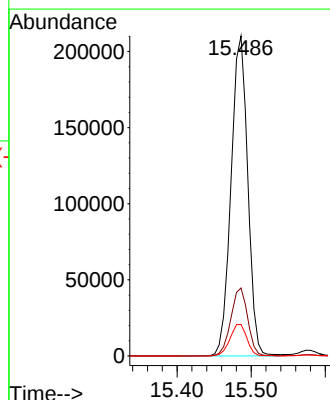
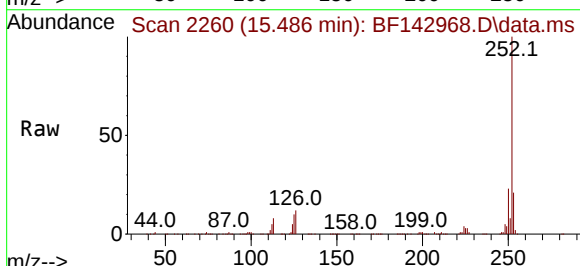
Tgt Ion:252 Resp: 329537

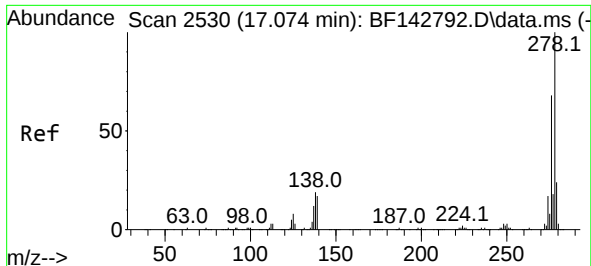
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

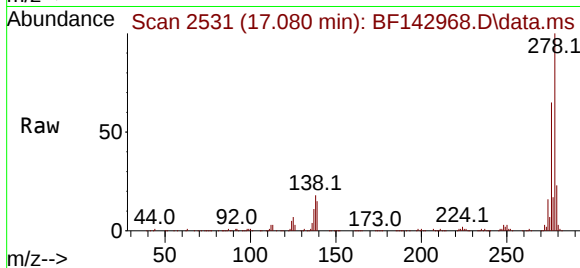
125 9.9 8.6 12.8



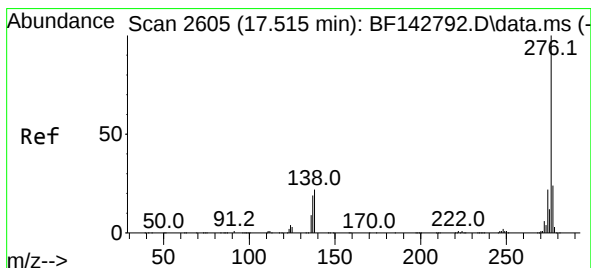
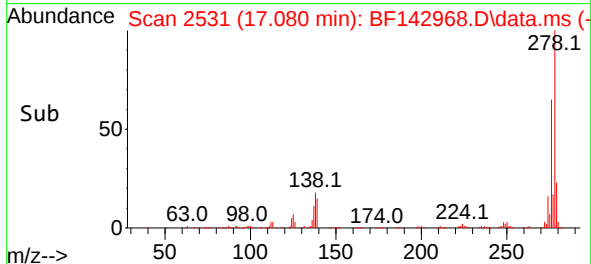
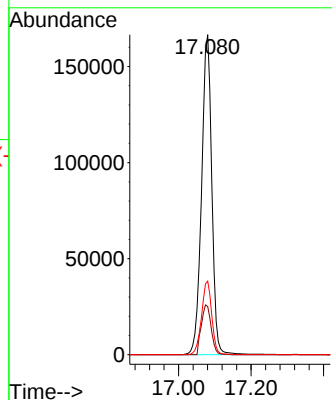


#91
Dibenzo(a,h)anthracene
Concen: 41.163 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Instrument :
BNA_F
ClientSampleId :
TP-5MSD



Tgt Ion:278 Resp: 326904
Ion Ratio Lower Upper
278 100
139 15.1 13.5 20.3
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.925 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142968.D
Acq: 02 Jul 2025 13:47

Tgt Ion:276 Resp: 324099
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.2 17.6 26.4

