

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
 Data File : BF143248.D
 Acq On : 25 Jul 2025 13:41
 Operator : RC/JU
 Sample : PB169004BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169004BS

Quant Time: Jul 25 14:02:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	111797	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	432303	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	228591	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	387322	20.000	ng	0.00
76) Chrysene-d12	14.133	240	224147	20.000	ng	0.01
86) Perylene-d12	15.633	264	220726	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	771672	109.229	ng	0.02
7) Phenol-d6	6.592	99	982876	110.531	ng	0.00
23) Nitrobenzene-d5	7.522	82	703753	81.147	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	303786	128.643	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1271514	76.073	ng	0.00
79) Terphenyl-d14	13.074	244	1223131	81.203	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	115275	34.484	ng	99
3) Pyridine	3.657	79	319635	36.839	ng	98
4) n-Nitrosodimethylamine	3.604	42	187553	41.867	ng	97
6) Aniline	6.622	93	363057	29.295	ng	# 86
8) 2-Chlorophenol	6.751	128	326337	44.068	ng	97
9) Benzaldehyde	6.510	77	209334	31.394	ng	96
10) Phenol	6.610	94	412018	42.532	ng	87
11) bis(2-Chloroethyl)ether	6.692	93	314903	42.456	ng	99
12) 1,3-Dichlorobenzene	6.904	146	341336	42.431	ng	100
13) 1,4-Dichlorobenzene	6.981	146	348341	42.998	ng	99
14) 1,2-Dichlorobenzene	7.134	146	335255	43.510	ng	100
15) Benzyl Alcohol	7.098	79	305193	44.949	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	580046	42.157	ng	98
17) 2-Methylphenol	7.210	107	275297	44.214	ng	98
18) Hexachloroethane	7.481	117	124784	44.493	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	241266	42.290	ng	99
20) 3+4-Methylphenols	7.363	107	327688	43.377	ng	# 80
22) Acetophenone	7.369	105	441280	43.115	ng	96
24) Nitrobenzene	7.539	77	362076	44.781	ng	98
25) Isophorone	7.781	82	675697	44.134	ng	98
26) 2-Nitrophenol	7.857	139	174916	49.846	ng	98
27) 2,4-Dimethylphenol	7.892	122	307577	43.000	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	398396	43.401	ng	100
29) 2,4-Dichlorophenol	8.098	162	273404	45.323	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	289741	44.459	ng	100
31) Naphthalene	8.269	128	932577	43.803	ng	100
32) Benzoic acid	8.010	122	170904	43.018	ng	99
33) 4-Chloroaniline	8.304	127	142652	16.409	ng	99
34) Hexachlorobutadiene	8.386	225	181454	45.579	ng	100
35) Caprolactam	8.681	113	53868	29.551	ng	99
36) 4-Chloro-3-methylphenol	8.792	107	302421	46.125	ng	98
37) 2-Methylnaphthalene	8.957	142	584229	45.095	ng	100
38) 1-Methylnaphthalene	9.057	142	595793	44.659	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	289806	43.912	ng	99
41) Hexachlorocyclopentadiene	9.116	237	390867	91.022	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	205024	44.887	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
 Data File : BF143248.D
 Acq On : 25 Jul 2025 13:41
 Operator : RC/JU
 Sample : PB169004BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

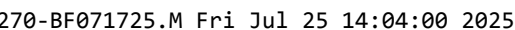
Instrument :
 BNA_F
 ClientSampleId :
 PB169004BS

Quant Time: Jul 25 14:02:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	206299	45.153	ng	98
46) 1,1'-Biphenyl	9.422	154	797069	44.692	ng	100
47) 2-Chloronaphthalene	9.445	162	575700	43.626	ng	99
48) 2-Nitroaniline	9.533	65	196377	47.453	ng	98
49) Acenaphthylene	9.863	152	987120	44.636	ng	100
50) Dimethylphthalate	9.722	163	692815	46.497	ng	99
51) 2,6-Dinitrotoluene	9.781	165	150622	49.692	ng	96
52) Acenaphthene	10.039	154	641599	49.086	ng	99
53) 3-Nitroaniline	9.945	138	92113	25.981	ng	99
54) 2,4-Dinitrophenol	10.057	184	155854	110.663	ng #	1
55) Dibenzofuran	10.210	168	852771	43.943	ng	100
56) 4-Nitrophenol	10.110	139	238760	90.183	ng	97
57) 2,4-Dinitrotoluene	10.186	165	201499	52.986	ng	94
58) Fluorene	10.551	166	658616	45.220	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	174724	46.166	ng	99
60) Diethylphthalate	10.422	149	696747	47.310	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	331871	45.760	ng	98
62) 4-Nitroaniline	10.563	138	150646	49.577	ng	97
63) Azobenzene	10.698	77	681083	44.372	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	105562	51.539	ng	99
66) n-Nitrosodiphenylamine	10.657	169	586723	43.019	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	207418	44.936	ng	99
68) Hexachlorobenzene	11.104	284	214218	44.402	ng	100
69) Atrazine	11.180	200	187877	49.966	ng	99
70) Pentachlorophenol	11.298	266	243119	85.689	ng	99
71) Phenanthrene	11.516	178	906241	44.066	ng	100
72) Anthracene	11.569	178	927155	44.204	ng	100
73) Carbazole	11.716	167	832040	45.430	ng	100
74) Di-n-butylphthalate	12.045	149	1032214	49.809	ng	100
75) Fluoranthene	12.704	202	907955	48.100	ng	99
77) Benzidine	12.816	184	352363	40.803	ng	99
78) Pyrene	12.933	202	898645	46.976	ng	100
80) Butylbenzylphthalate	13.545	149	359293	61.336	ng	96
81) Benzo(a)anthracene	14.121	228	687297	45.799	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	79367	15.868	ng	100
83) Chrysene	14.157	228	607969	45.060	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	467541	52.732	ng	99
85) Di-n-octyl phthalate	14.721	149	726075	45.178	ng	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	731319	46.987	ng	97
88) Benzo(b)fluoranthene	15.192	252	591097	43.836	ng	99
89) Benzo(k)fluoranthene	15.221	252	596130	49.542	ng	99
90) Benzo(a)pyrene	15.574	252	583600	46.975	ng	99
91) Dibenzo(a,h)anthracene	17.204	278	598885	47.275	ng	98
92) Benzo(g,h,i)perylene	17.656	276	587344	47.929	ng	98

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

Quant Time: Jul 25 14:02:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

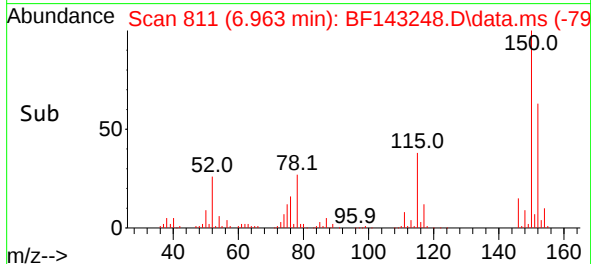
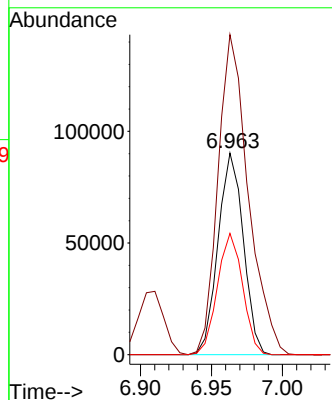
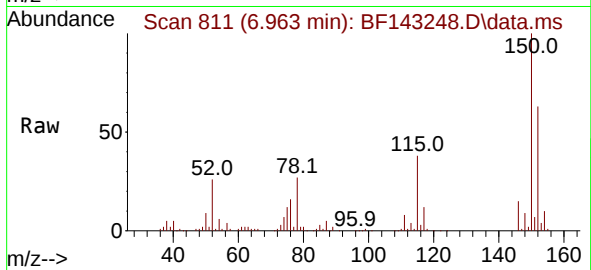




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

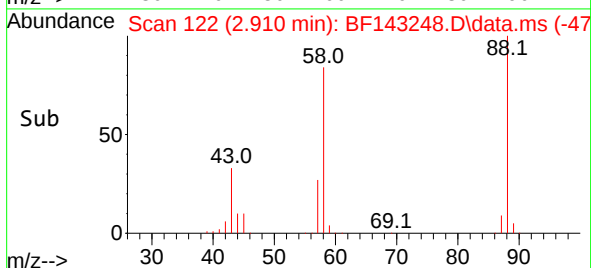
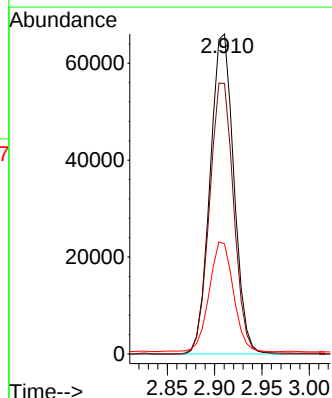
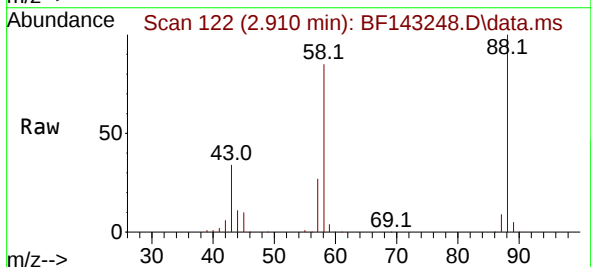
Instrument :
BNA_F
ClientSampleId :
PB169004BS

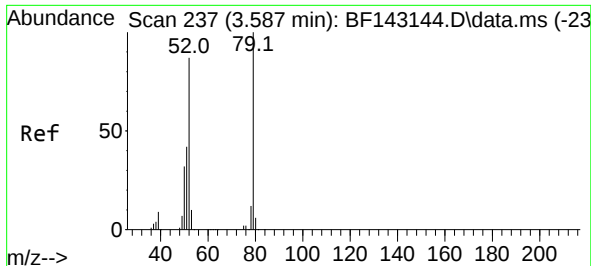
Tgt Ion:152 Resp: 111797
Ion Ratio Lower Upper
152 100
150 158.8 128.2 192.4
115 60.2 47.9 71.9



#2
1,4-Dioxane
Concen: 34.484 ng
RT: 2.910 min Scan# 122
Delta R.T. 0.088 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion: 88 Resp: 115275
Ion Ratio Lower Upper
88 100
58 86.6 70.2 105.2
43 34.9 27.1 40.7





#3

Pyridine

Concen: 36.839 ng

RT: 3.657 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

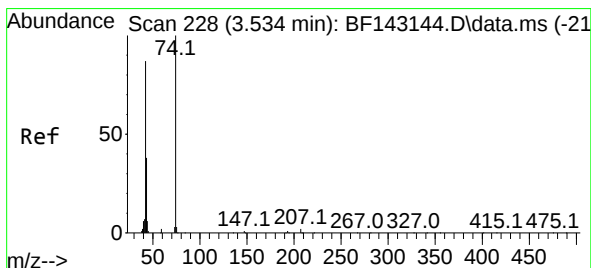
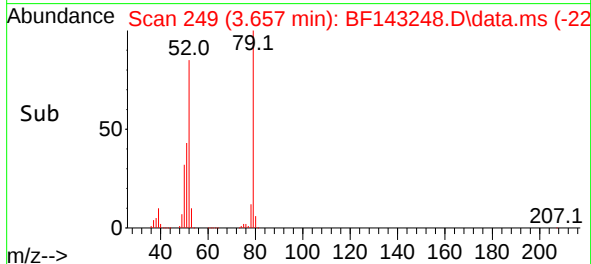
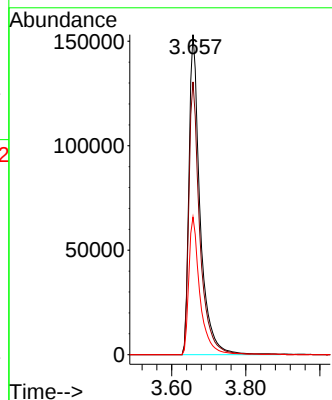
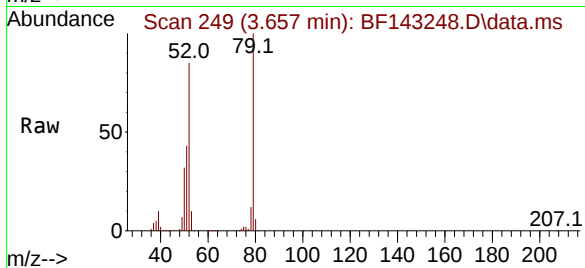
Tgt Ion: 79 Resp: 319635

Ion Ratio Lower Upper

79 100

52 85.2 69.4 104.2

51 43.0 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 41.867 ng

RT: 3.604 min Scan# 240

Delta R.T. 0.071 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

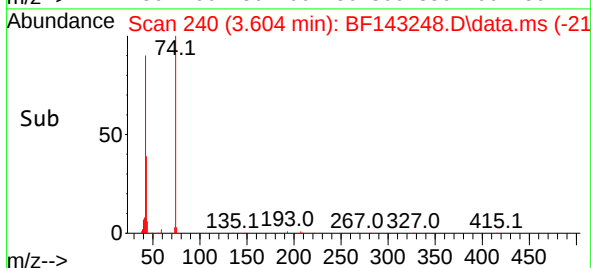
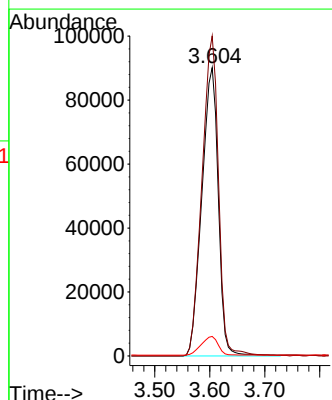
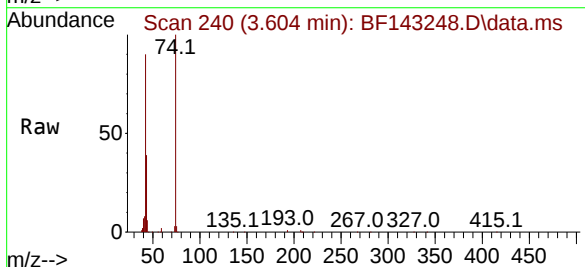
Tgt Ion: 42 Resp: 187553

Ion Ratio Lower Upper

42 100

74 111.0 91.7 137.5

44 6.8 5.6 8.4

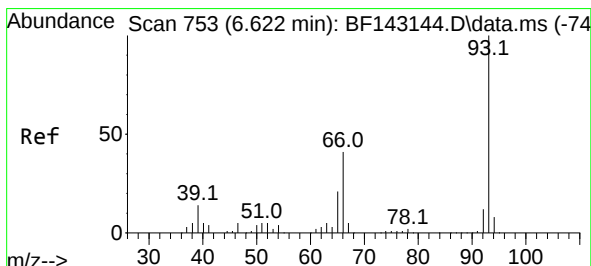
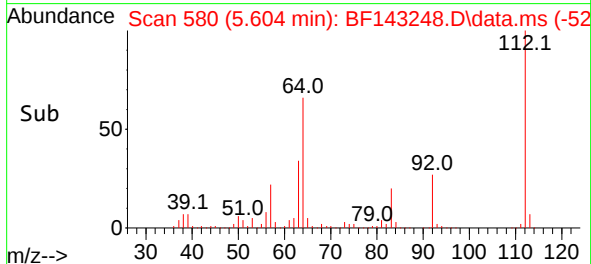
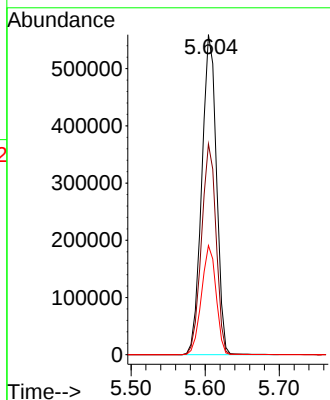
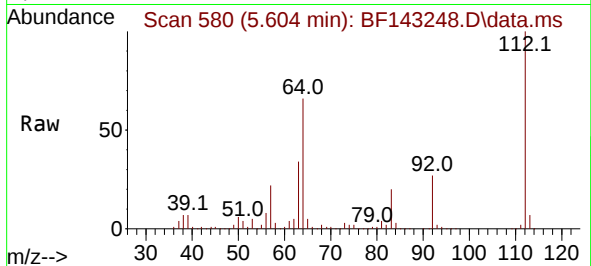




#5
2-Fluorophenol
Concen: 109.229 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

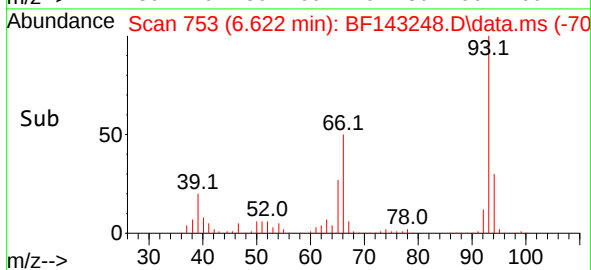
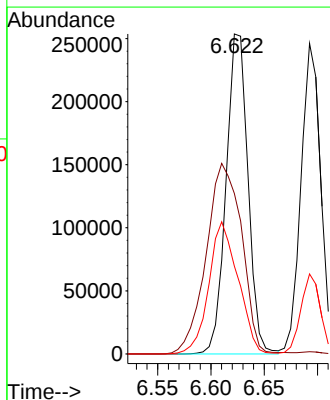
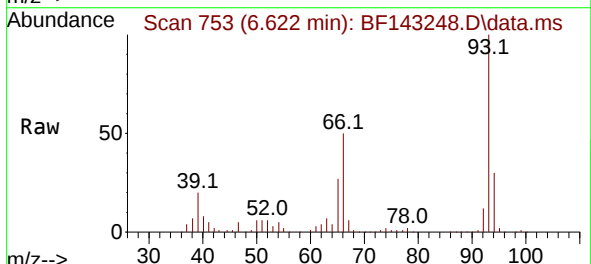
Instrument :
BNA_F
ClientSampleId :
PB169004BS

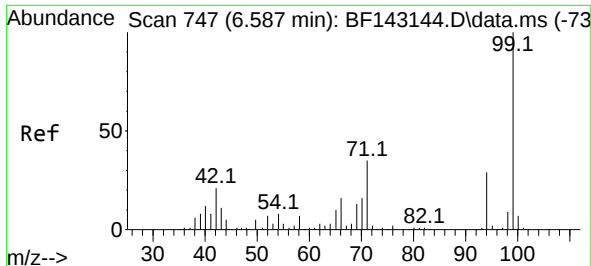
Tgt Ion:112 Resp: 771672
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 34.1 26.6 40.0



#6
Aniline
Concen: 29.295 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion: 93 Resp: 363057
Ion Ratio Lower Upper
93 100
66 50.2 33.2 49.8#
65 27.5 16.9 25.3#

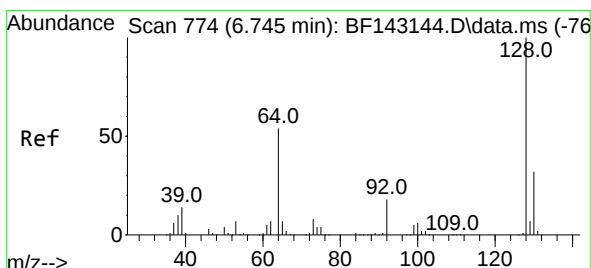
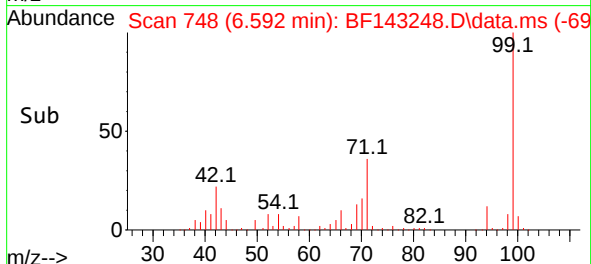
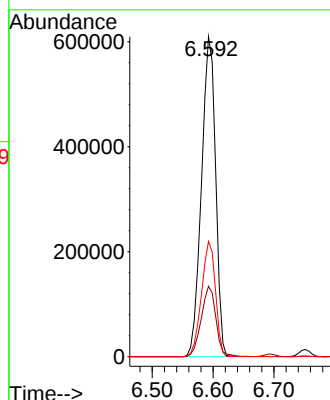
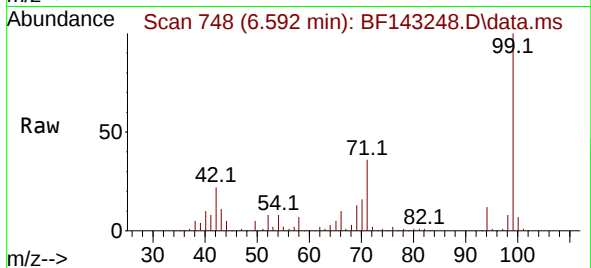




#7
Phenol-d6
Concen: 110.531 ng
RT: 6.592 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

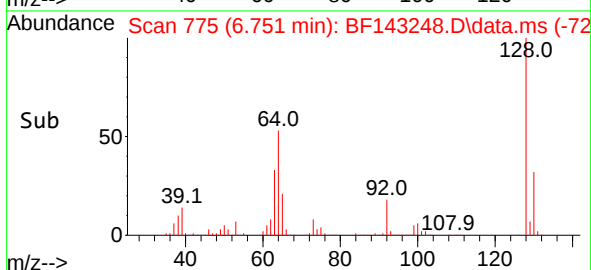
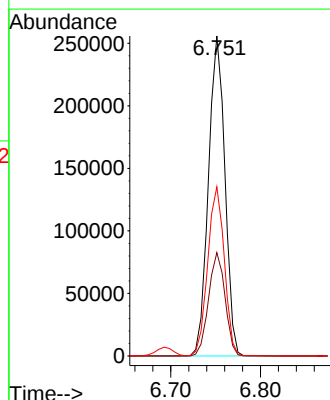
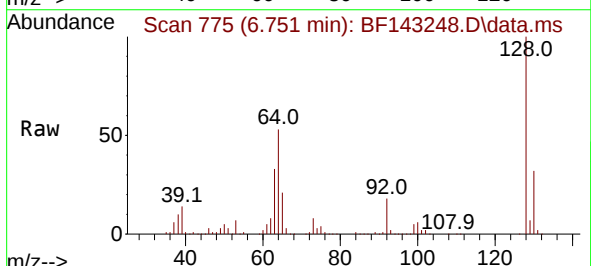
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion: 99 Resp: 982876
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 36.0 27.7 41.5



#8
2-Chlorophenol
Concen: 44.068 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:128 Resp: 326337
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 52.9 35.9 75.9

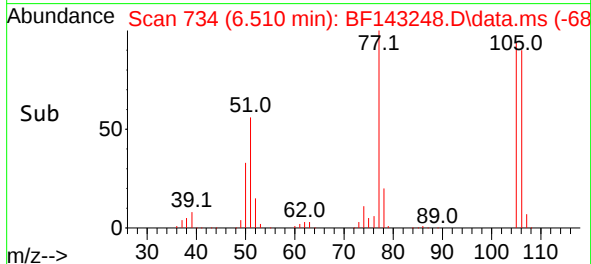
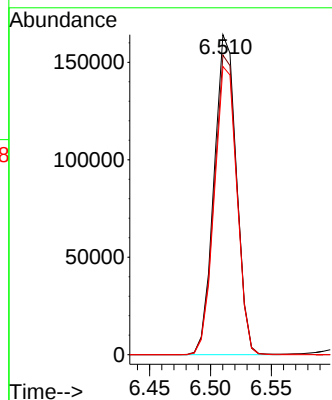
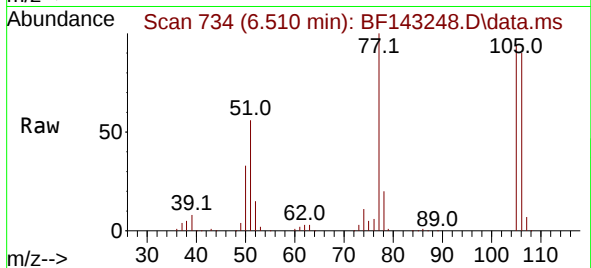




#9
Benzaldehyde
Concen: 31.394 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

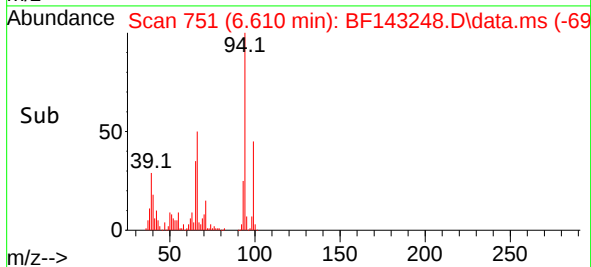
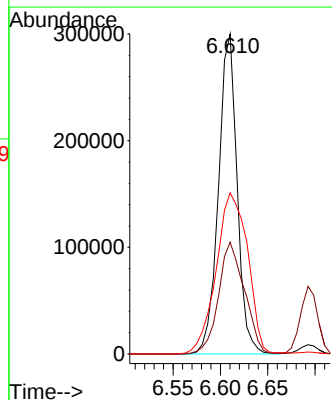
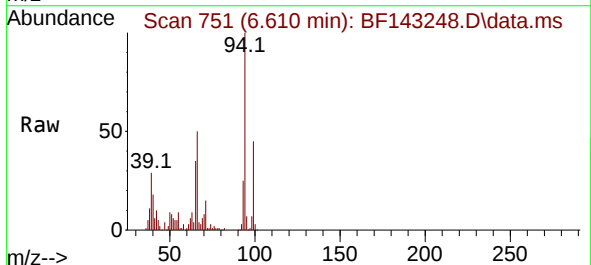
Instrument :
BNA_F
ClientSampleId :
PB169004BS

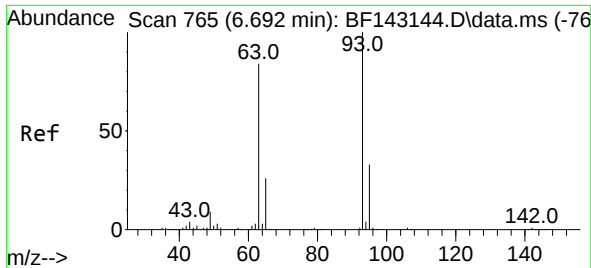
Tgt Ion: 77 Resp: 209334
Ion Ratio Lower Upper
77 100
105 93.6 76.8 116.8
106 90.1 74.4 114.4



#10
Phenol
Concen: 42.532 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion: 94 Resp: 412018
Ion Ratio Lower Upper
94 100
65 34.9 10.0 50.0
66 50.4 20.8 60.8



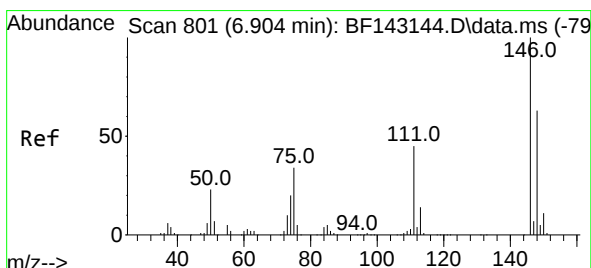
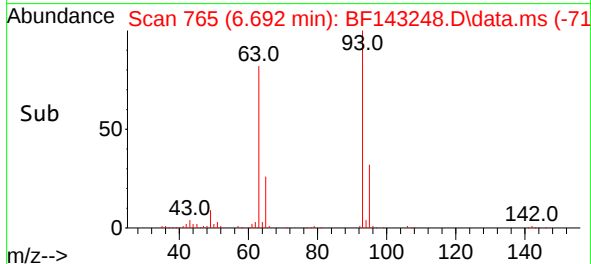
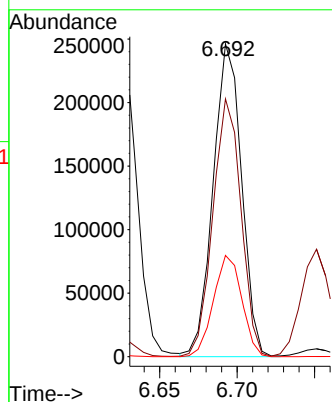
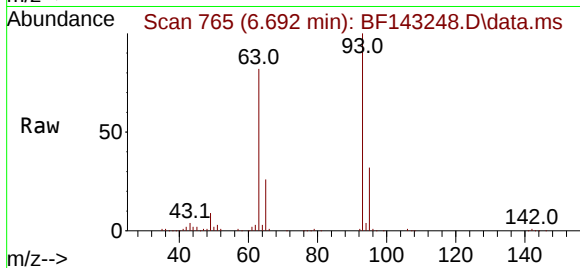


#11
bis(2-Chloroethyl)ether
Concen: 42.456 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion: 93 Resp: 314903

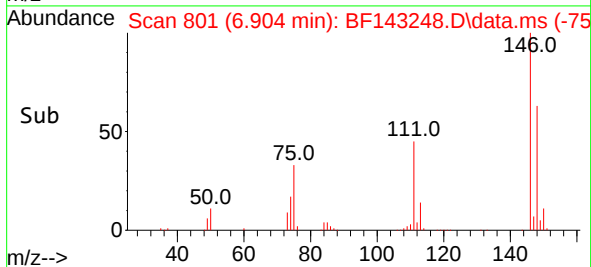
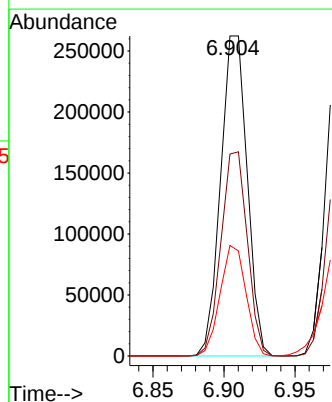
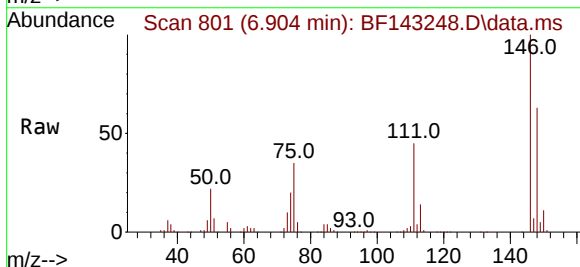
Ion	Ratio	Lower	Upper
93	100		
63	82.4	63.4	103.4
95	32.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 42.431 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion: 146 Resp: 341336

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	76.0
75	34.6	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 42.998 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

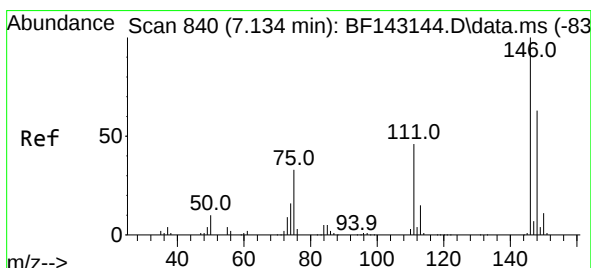
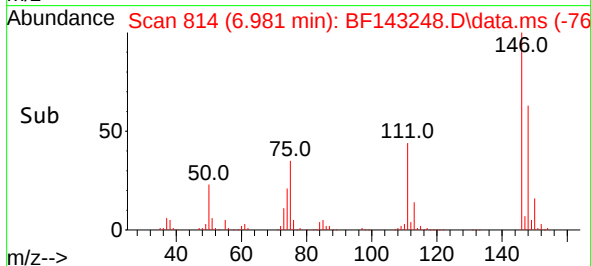
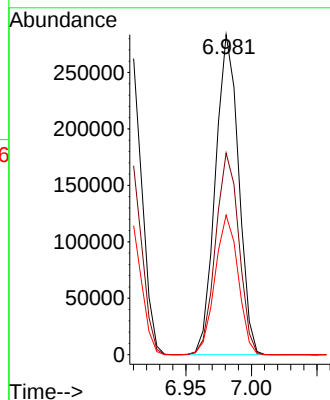
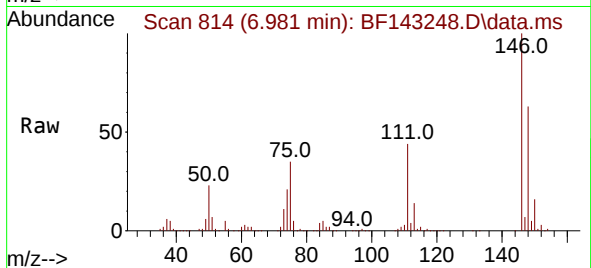
Tgt Ion:146 Resp: 348341

Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

111 43.6 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 43.510 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

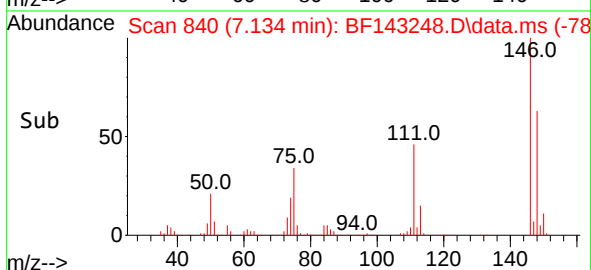
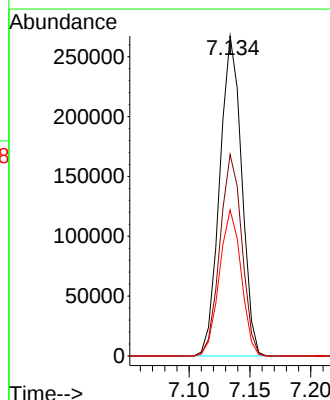
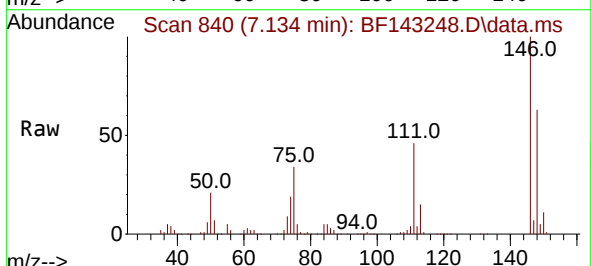
Tgt Ion:146 Resp: 335255

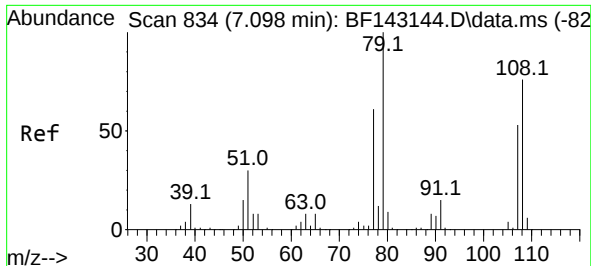
Ion Ratio Lower Upper

146 100

148 63.0 50.7 76.1

111 45.6 36.6 54.8

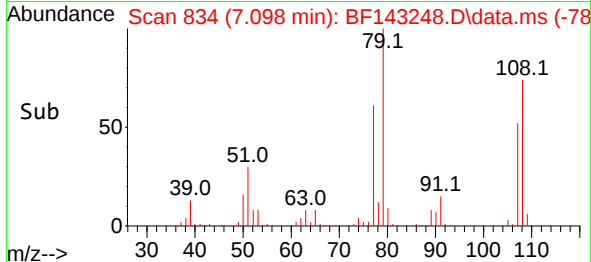
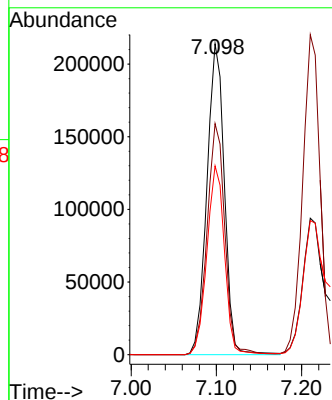
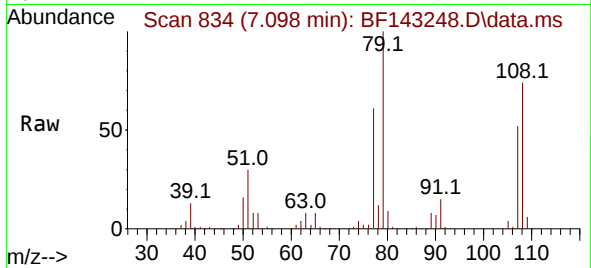




#15
Benzyl Alcohol
Concen: 44.949 ng
RT: 7.098 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

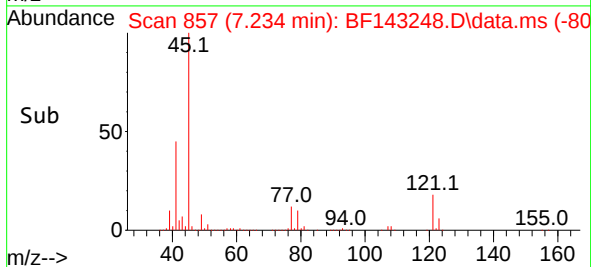
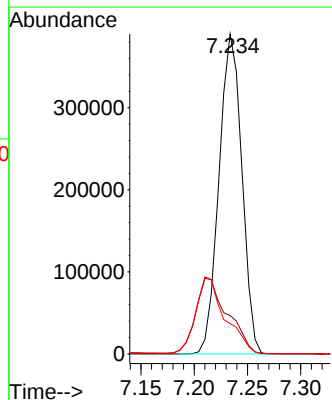
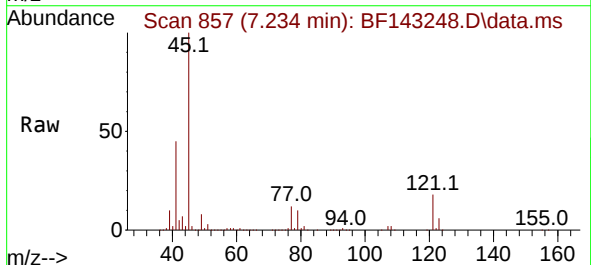
Instrument :
BNA_F
ClientSampleId :
PB169004BS

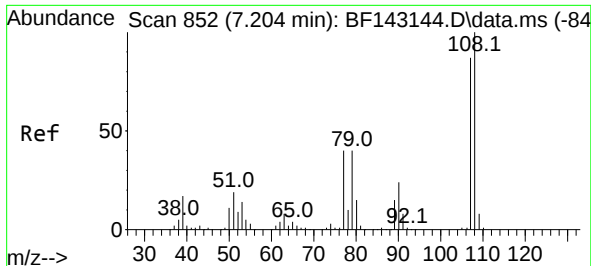
Tgt Ion: 79 Resp: 305193
Ion Ratio Lower Upper
79 100
108 74.3 61.1 91.7
77 60.7 48.9 73.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.157 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

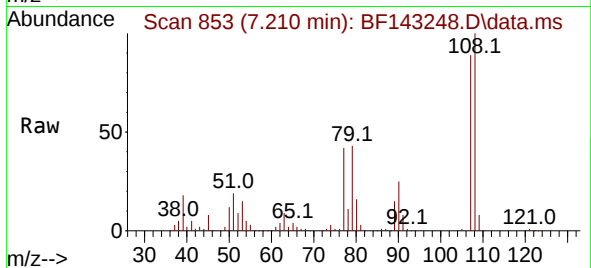
Tgt Ion: 45 Resp: 580046
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.2
79 9.5 0.0 28.5



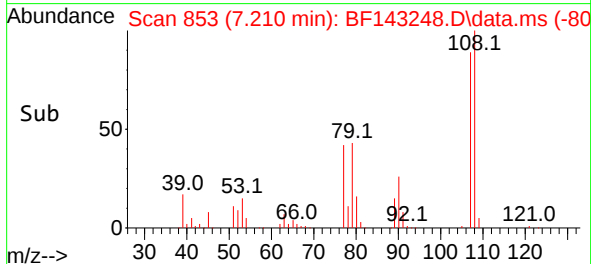
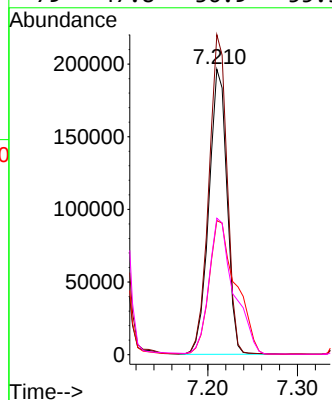


#17
2-Methylphenol
Concen: 44.214 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Instrument :
BNA_F
ClientSampleId :
PB169004BS

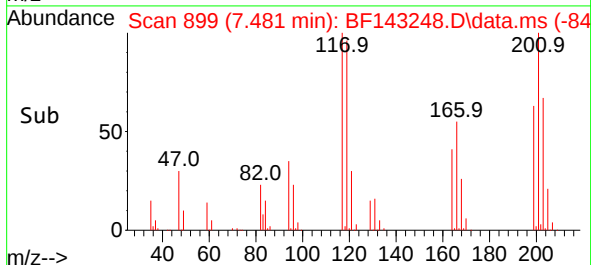
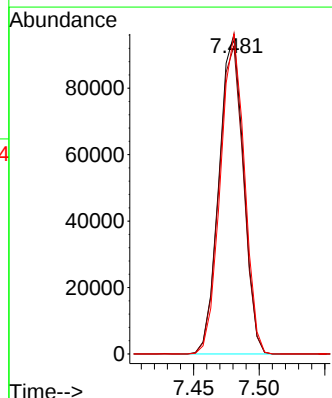
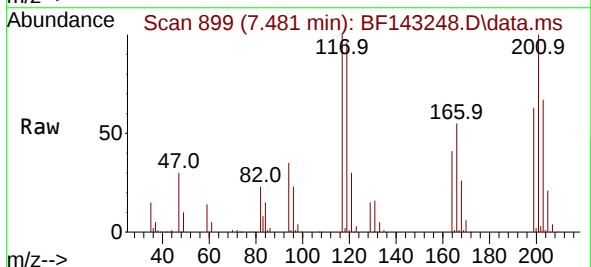


Tgt Ion:	107	Resp:	275297
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.8	137.6
77	47.0	37.0	55.6
79	47.8	36.9	55.3



#18
Hexachloroethane
Concen: 44.493 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:	117	Resp:	124784
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.8
201	100.1	77.0	115.4

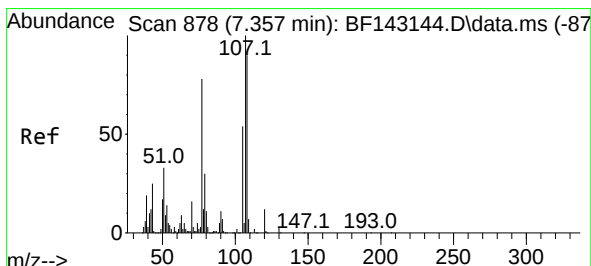
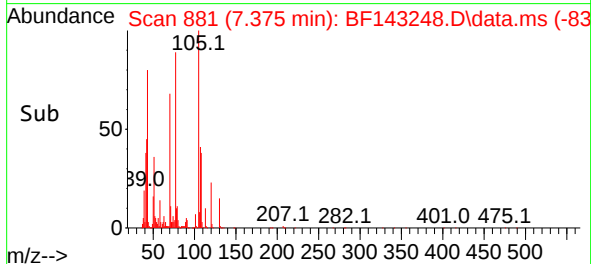
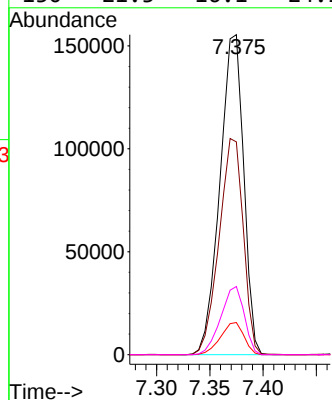
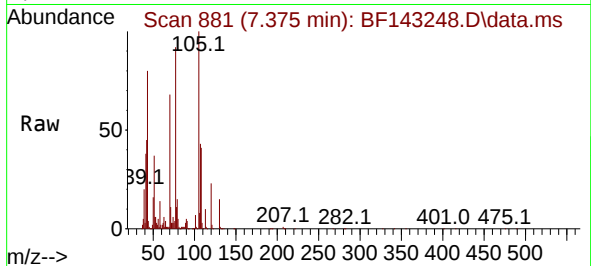




#19
n-Nitroso-di-n-propylamine
Concen: 42.290 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

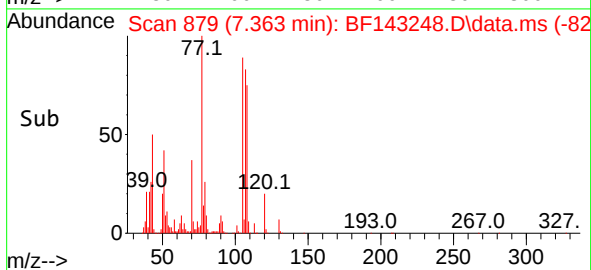
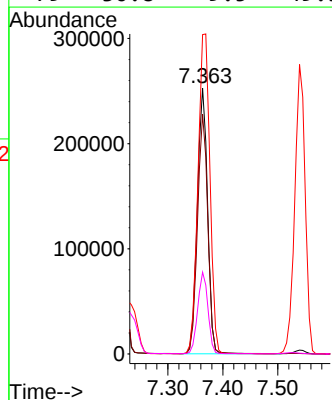
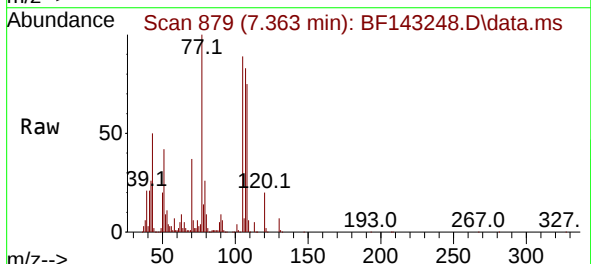
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion:	70	Resp:	241266
Ion	Ratio	Lower	Upper
70	100		
42	66.5	52.5	78.7
101	10.0	7.6	11.4
130	21.3	16.1	24.1



#20
3+4-Methylphenols
Concen: 43.377 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:	107	Resp:	327688
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.0	110.0
77	120.2	57.8	97.8#
79	30.8	9.5	49.5



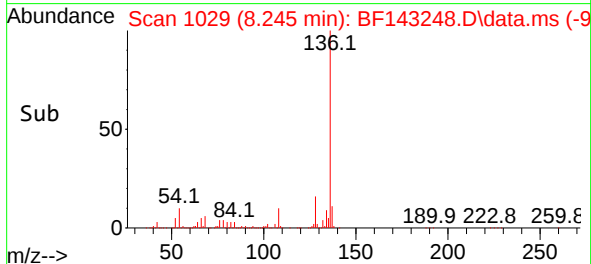
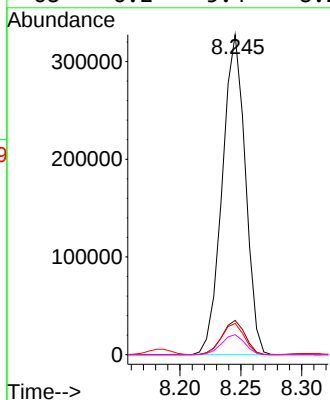
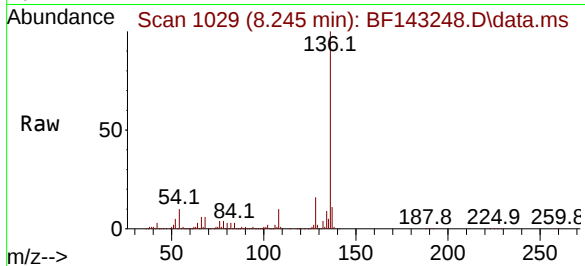


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion:136 Resp: 432303

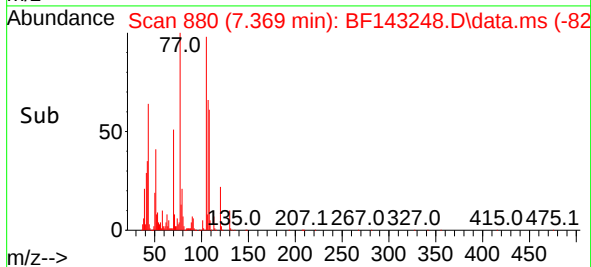
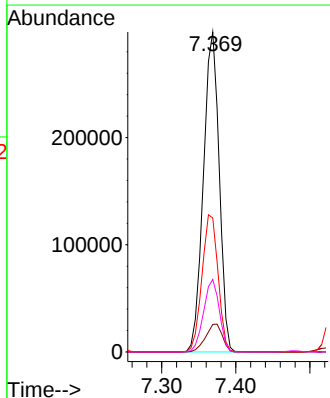
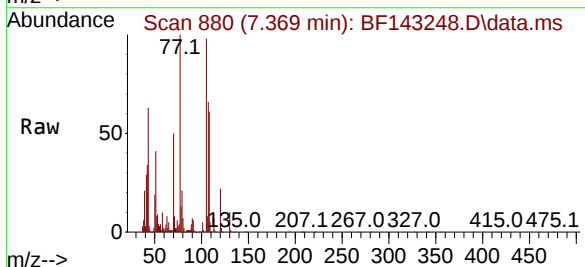
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.8	8.2	12.2
68	6.2	5.4	8.2

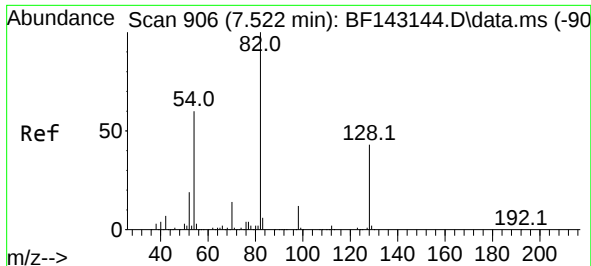


#22
Acetophenone
Concen: 43.115 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:105 Resp: 441280

Ion	Ratio	Lower	Upper
105	100		
71	8.6	5.8	8.6
51	41.9	30.2	45.2
120	22.7	18.2	27.4

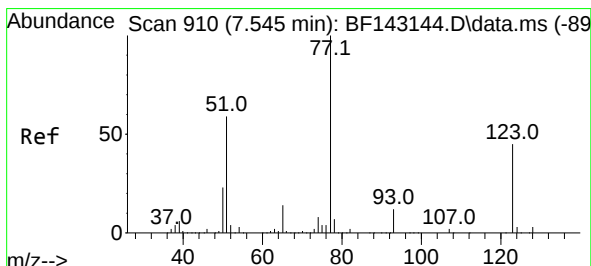
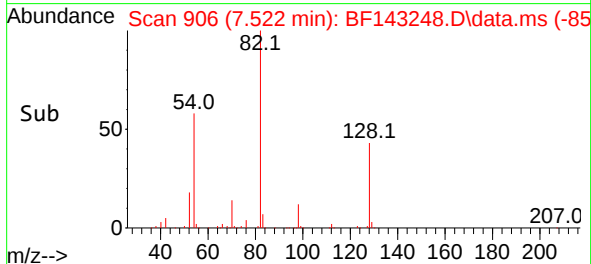
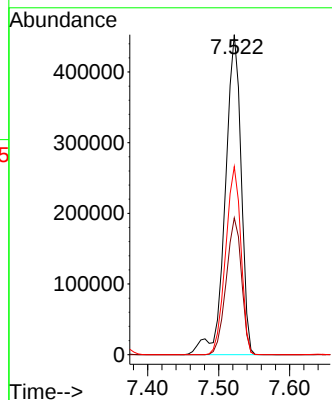
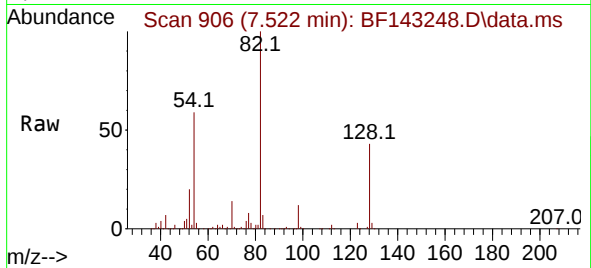




#23
Nitrobenzene-d5
Concen: 81.147 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

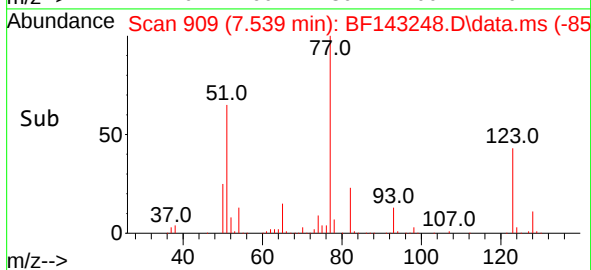
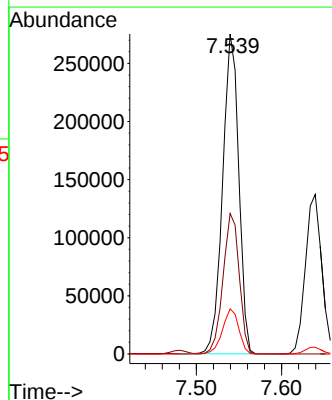
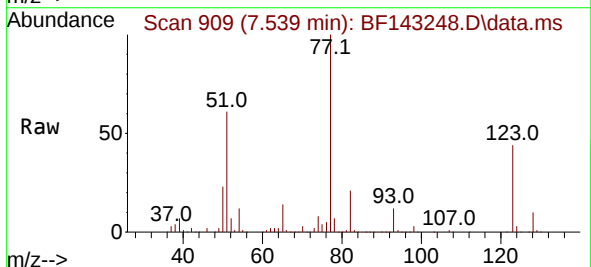
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion: 82 Resp: 703753
Ion Ratio Lower Upper
82 100
128 42.7 33.6 50.4
54 58.7 47.1 70.7



#24
Nitrobenzene
Concen: 44.781 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion: 77 Resp: 362076
Ion Ratio Lower Upper
77 100
123 43.9 36.1 54.1
65 14.1 11.4 17.2

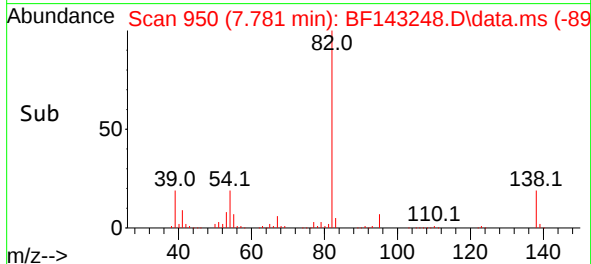
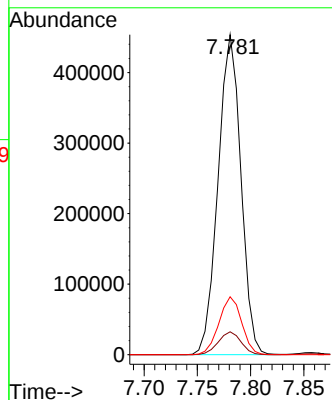
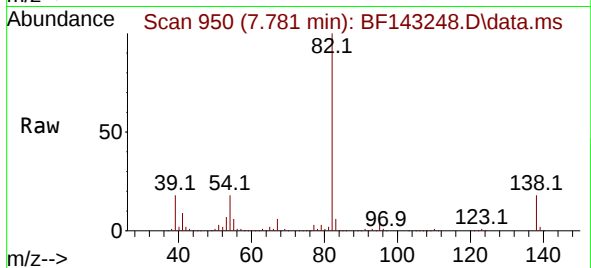




#25
Isophorone
Concen: 44.134 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

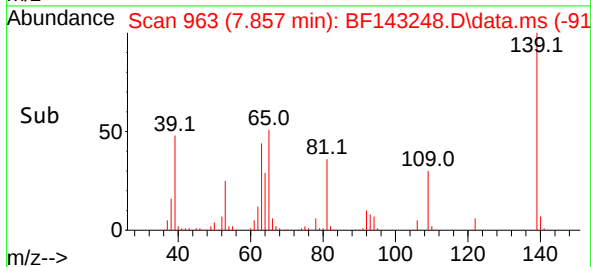
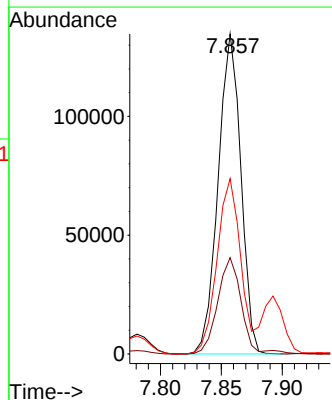
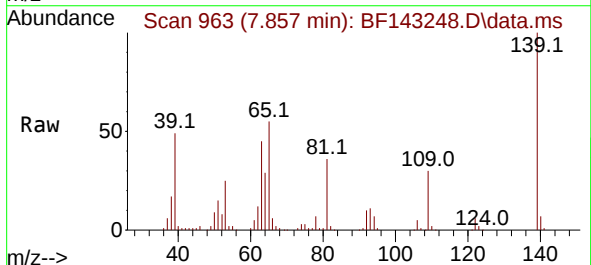
Instrument :
BNA_F
ClientSampleId :
PB169004BS

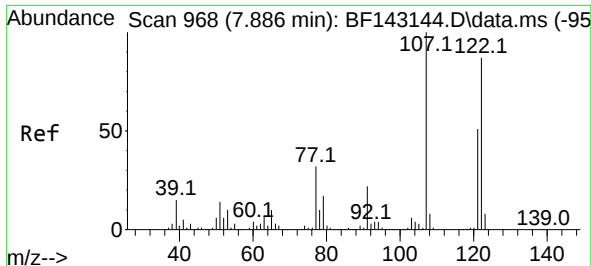
Tgt Ion: 82 Resp: 675697
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 49.846 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:139 Resp: 174916
Ion Ratio Lower Upper
139 100
109 30.1 23.6 35.4
65 54.8 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 43.000 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

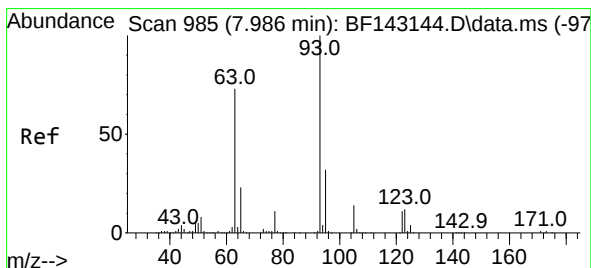
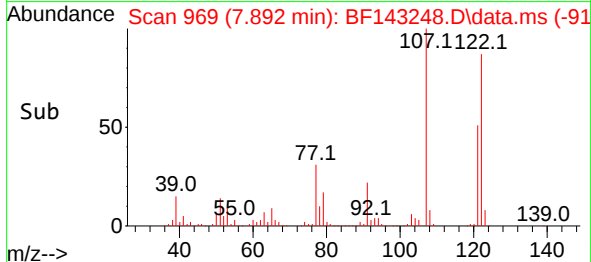
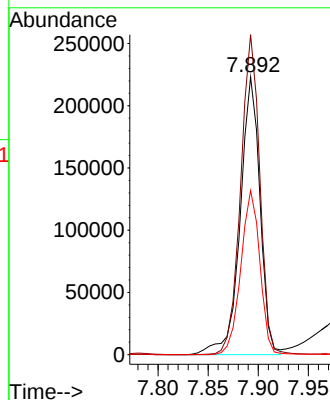
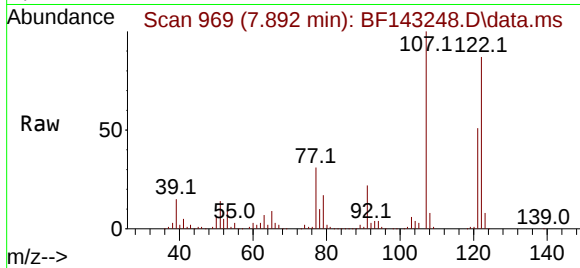
Tgt Ion:122 Resp: 307577

Ion Ratio Lower Upper

122 100

107 115.2 91.8 137.6

121 59.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.401 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

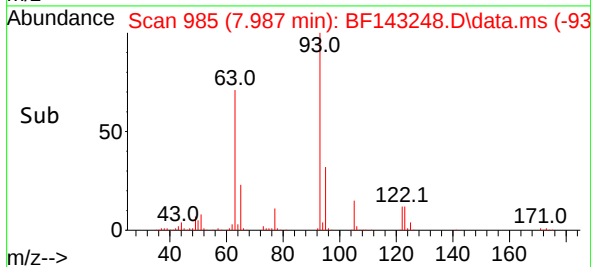
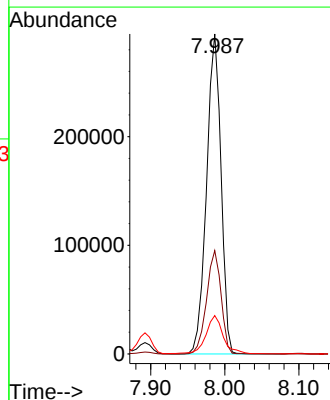
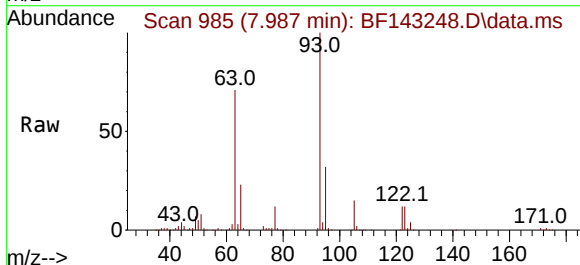
Tgt Ion: 93 Resp: 398396

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 12.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 45.323 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

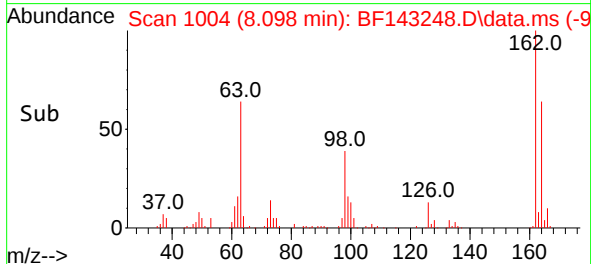
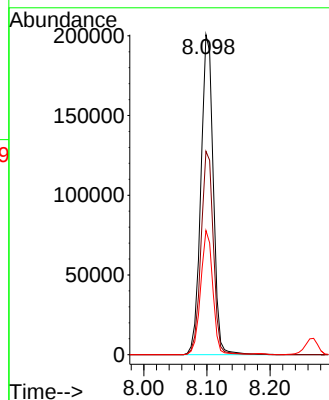
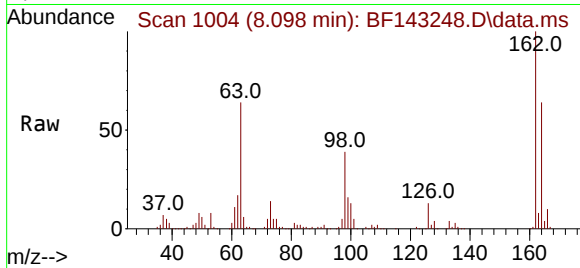
Tgt Ion:162 Resp: 273404

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

98 38.8 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 44.459 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

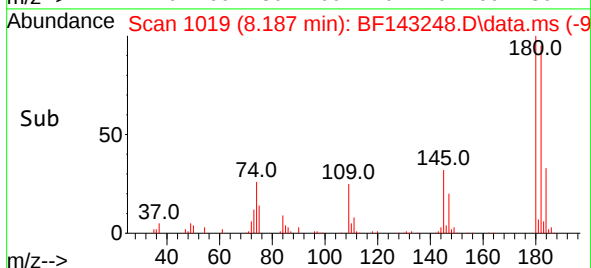
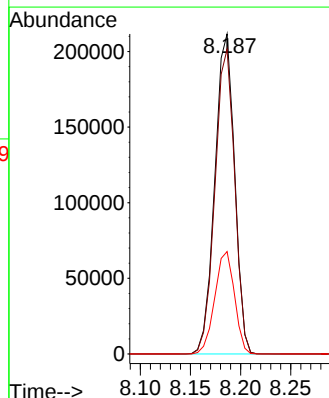
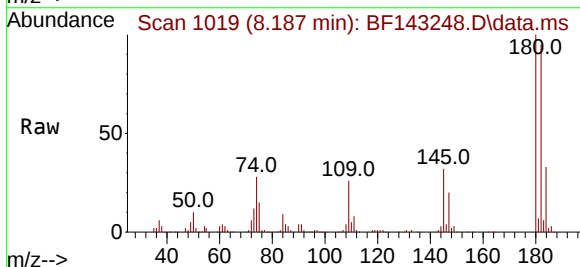
Tgt Ion:180 Resp: 289741

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 32.0 25.0 37.6

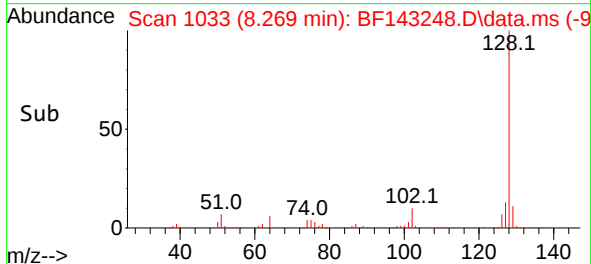
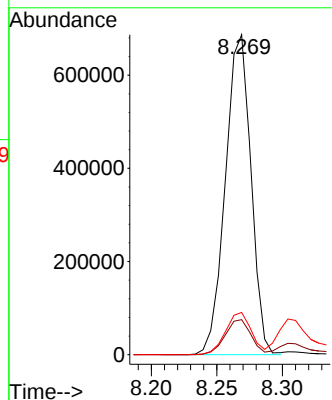
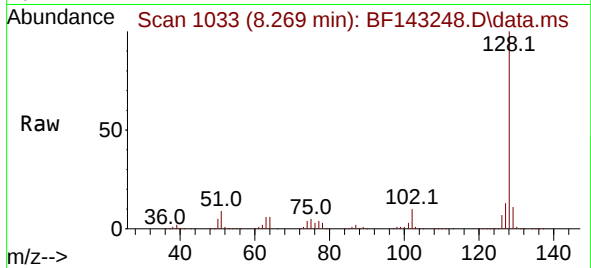




#31
Naphthalene
Concen: 43.803 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

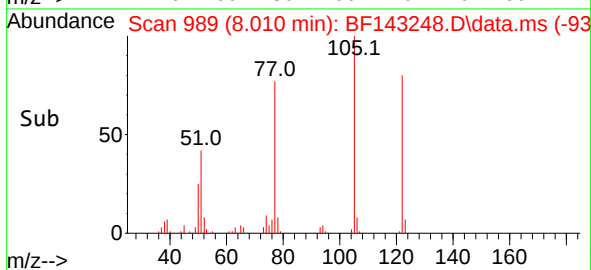
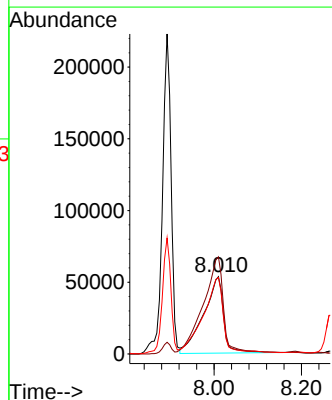
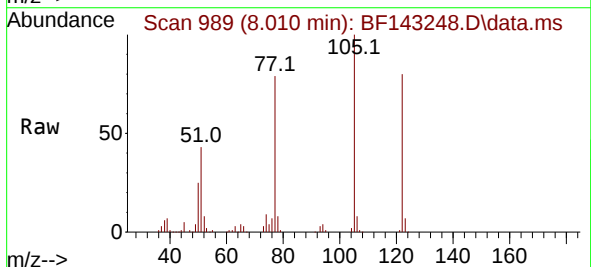
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion:128 Resp: 932577
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 43.018 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:122 Resp: 170904
Ion Ratio Lower Upper
122 100
105 125.6 104.8 144.8
77 99.0 77.6 117.6

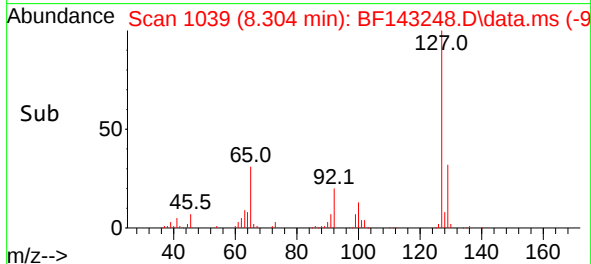
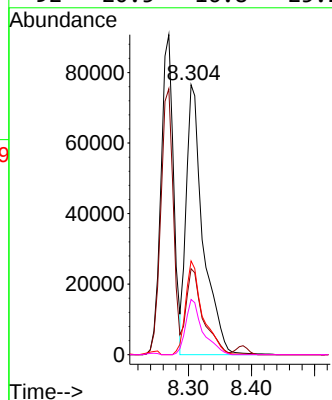
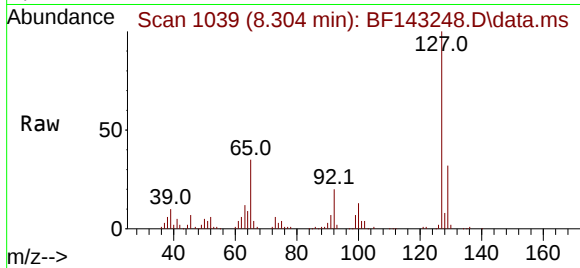




#33
4-Chloroaniline
Concen: 16.409 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

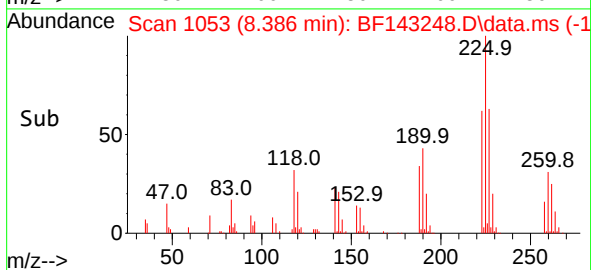
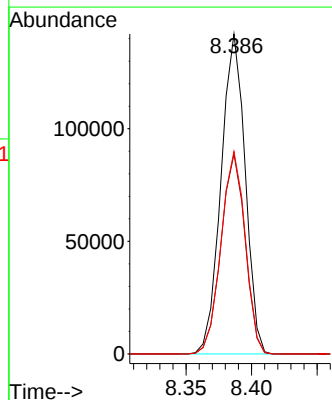
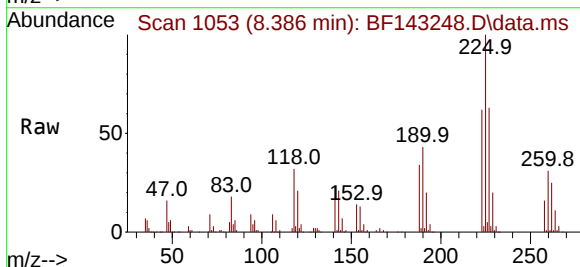
Instrument :
BNA_F
ClientSampleId :
PB169004BS

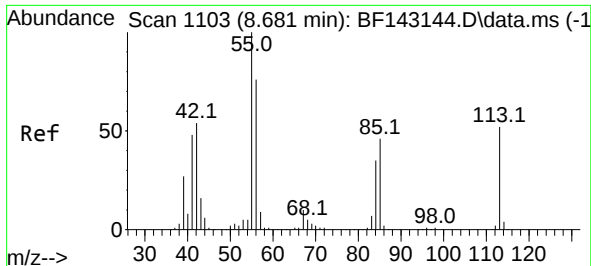
Tgt Ion:127	Resp: 142652
Ion Ratio	Lower Upper
127	100
129	31.9 26.0 39.0
65	34.7 27.4 41.2
92	20.5 16.8 25.2



#34
Hexachlorobutadiene
Concen: 45.579 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:225	Resp: 181454
Ion Ratio	Lower Upper
225	100
223	62.4 49.8 74.6
227	63.3 50.2 75.4

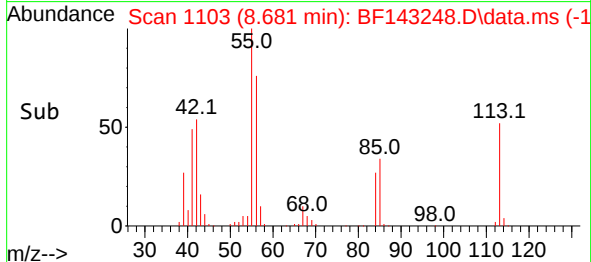
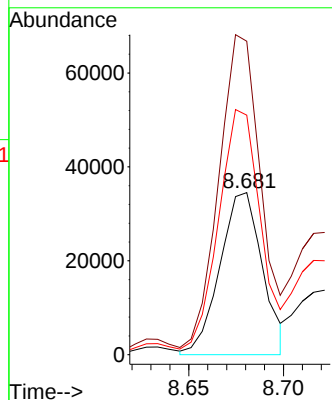
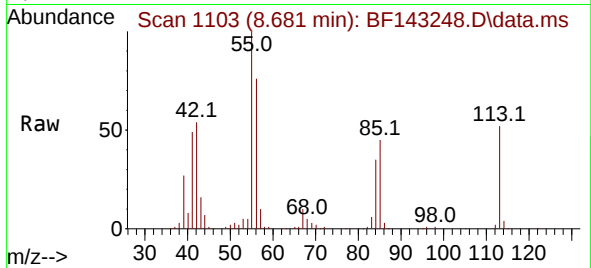




#35
 Caprolactam
 Concen: 29.551 ng
 RT: 8.681 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF143248.D
 Acq: 25 Jul 2025 13:41

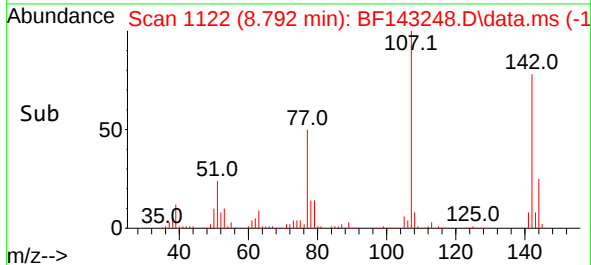
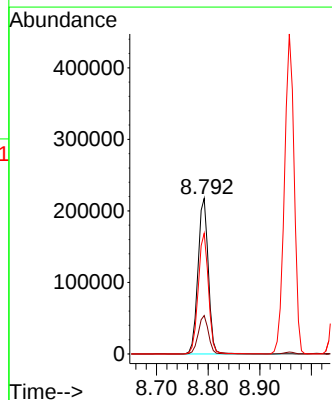
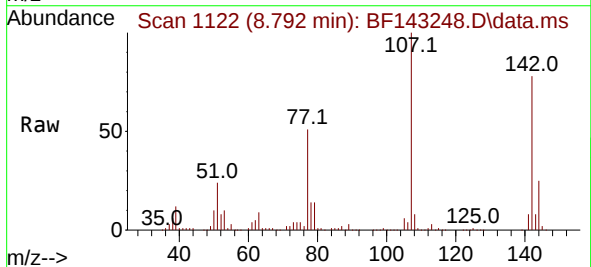
Instrument :
 BNA_F
 ClientSampleId :
 PB169004BS

Tgt Ion:113 Resp: 53868
 Ion Ratio Lower Upper
 113 100
 55 193.3 174.0 214.0
 56 147.7 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.125 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF143248.D
 Acq: 25 Jul 2025 13:41

Tgt Ion:107 Resp: 302421
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.6
 142 77.6 60.6 90.8

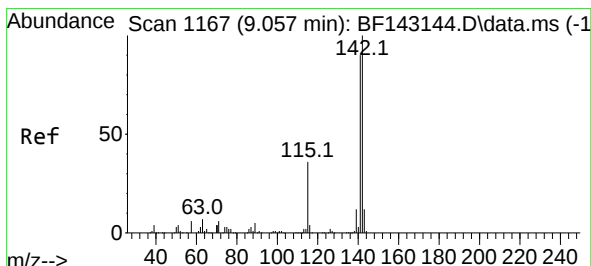
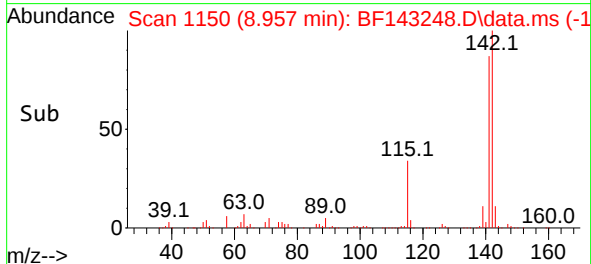
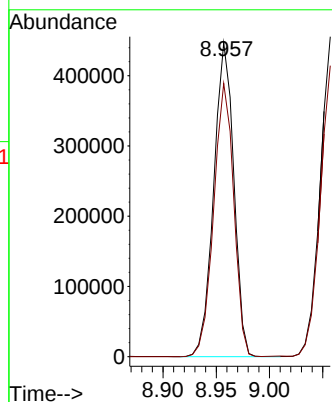
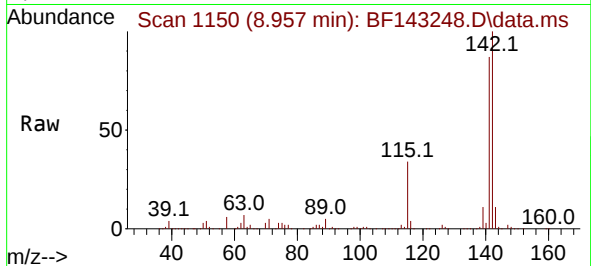




#37
2-Methylnaphthalene
Concen: 45.095 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

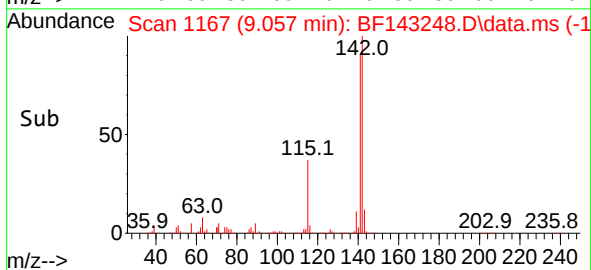
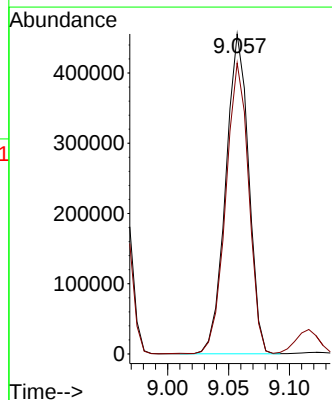
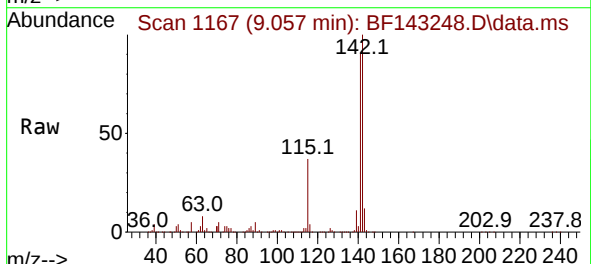
Instrument :
BNA_F
ClientSampleId :
PB169004BS

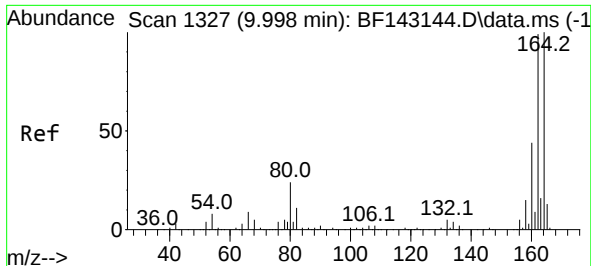
Tgt Ion:142 Resp: 584229
Ion Ratio Lower Upper
142 100
141 87.0 69.9 104.9



#38
1-Methylnaphthalene
Concen: 44.659 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:142 Resp: 595793
Ion Ratio Lower Upper
142 100
141 91.0 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

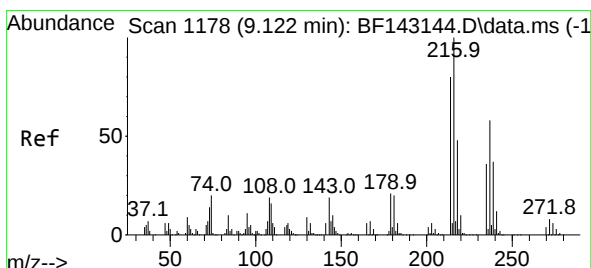
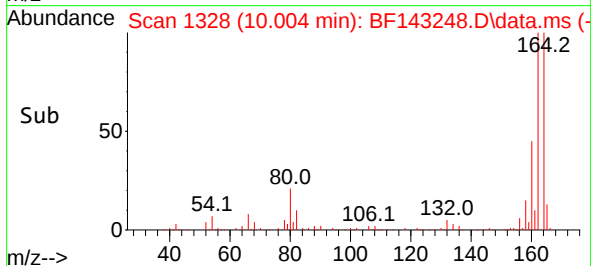
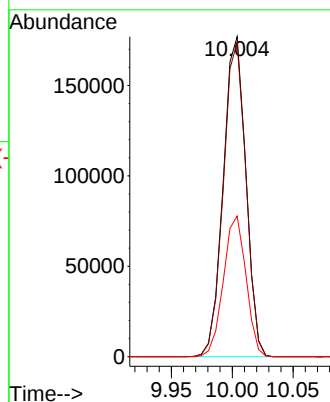
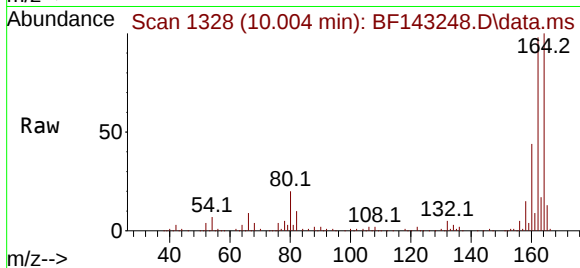
Tgt Ion:164 Resp: 228591

Ion Ratio Lower Upper

164 100

162 98.3 79.0 118.6

160 44.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.912 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Tgt Ion:216 Resp: 289806

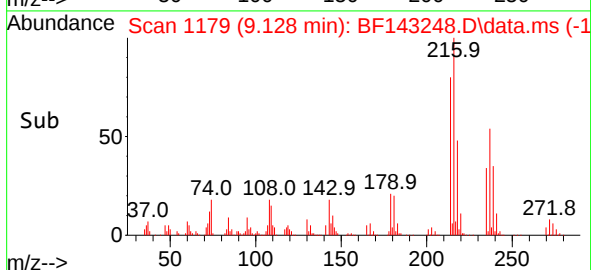
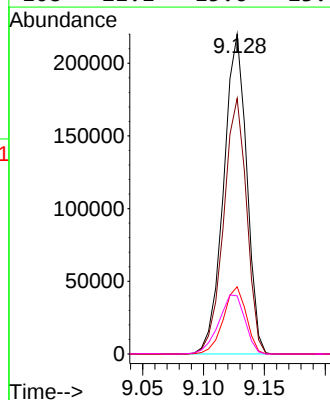
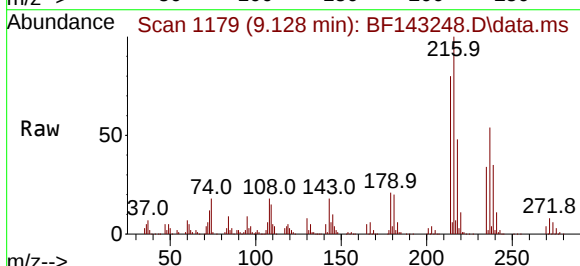
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 20.8 16.4 24.6

108 21.1 15.6 23.4

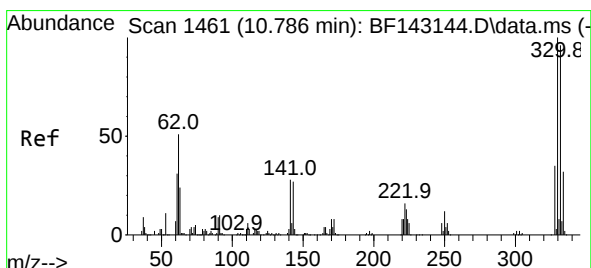
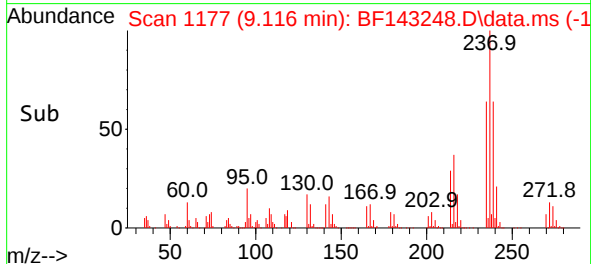
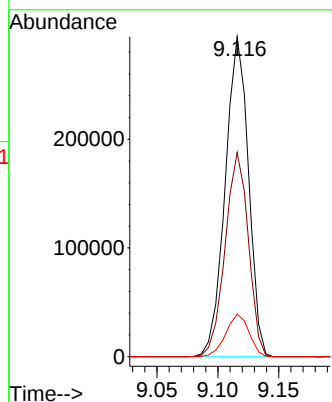
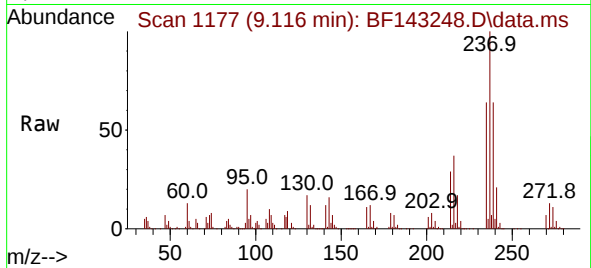




#41
Hexachlorocyclopentadiene
Concen: 91.022 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

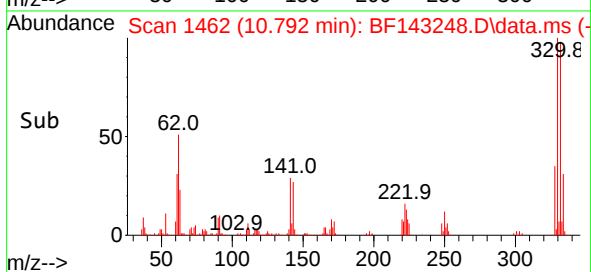
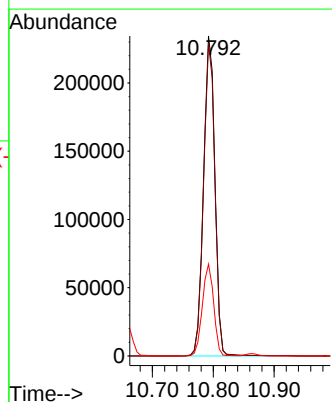
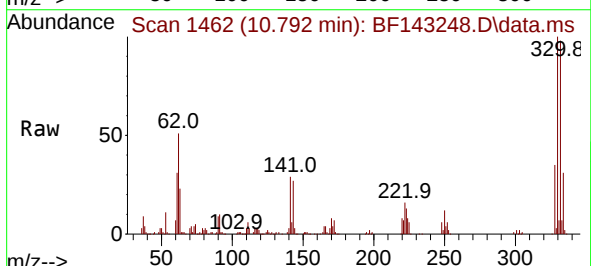
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion:237 Resp: 390867
Ion Ratio Lower Upper
237 100
235 63.8 43.0 83.0
272 13.3 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 128.643 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:330 Resp: 303786
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 28.5 23.3 34.9

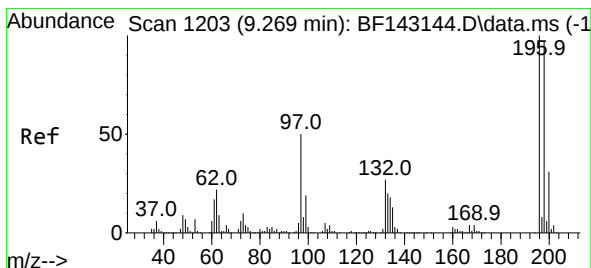
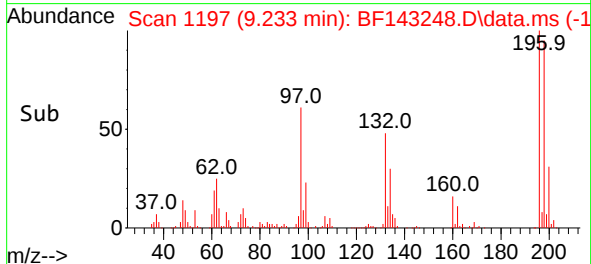
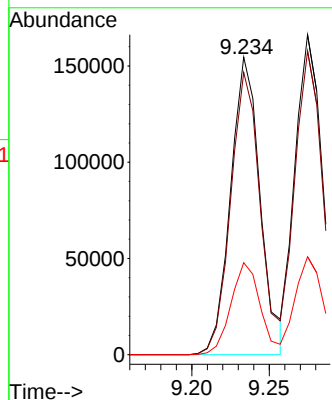
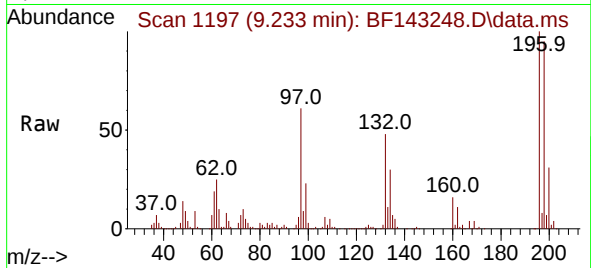




#43
2,4,6-Trichlorophenol
Concen: 44.887 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

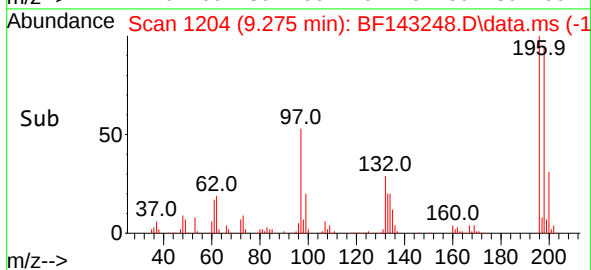
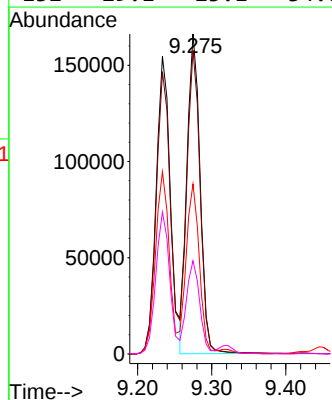
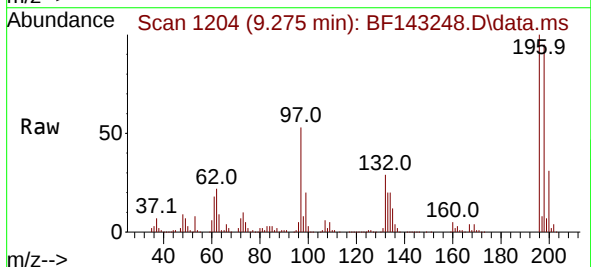
Instrument :
BNA_F
ClientSampleId :
PB169004BS

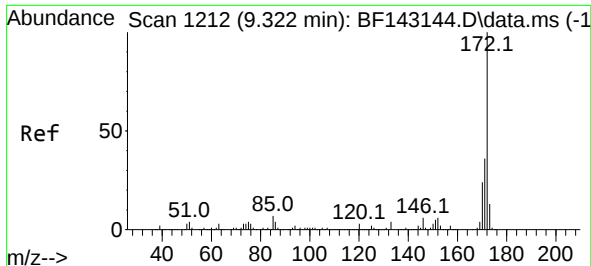
Tgt Ion:196 Resp: 205024
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
200 30.9 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 45.153 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:196 Resp: 206299
Ion Ratio Lower Upper
196 100
198 94.9 77.3 115.9
97 53.1 40.3 60.5
132 29.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 76.073 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

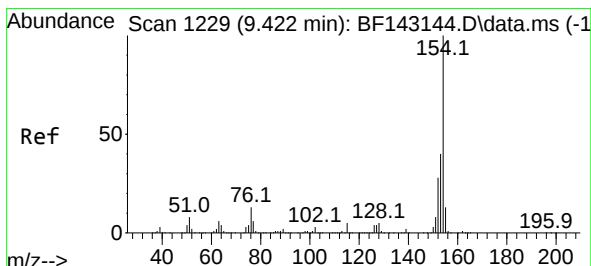
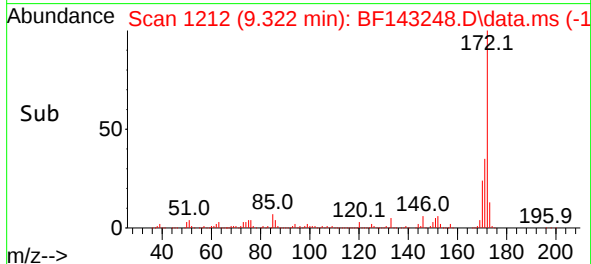
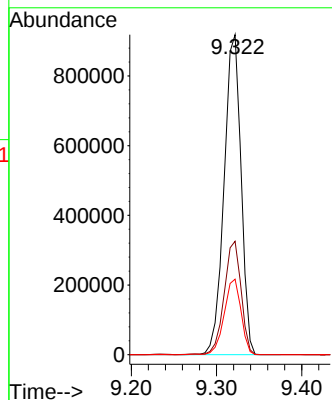
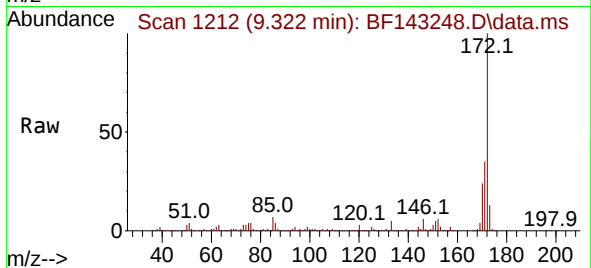
Tgt Ion:172 Resp: 1271514

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.692 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

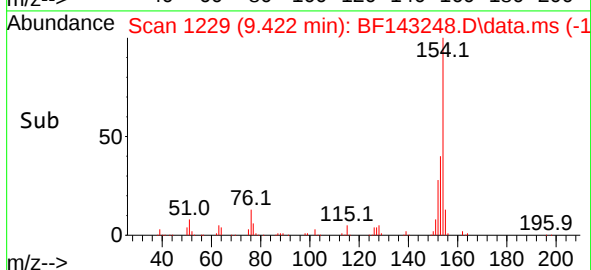
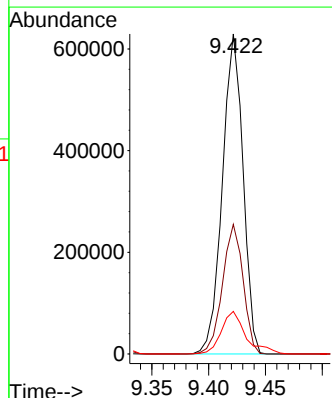
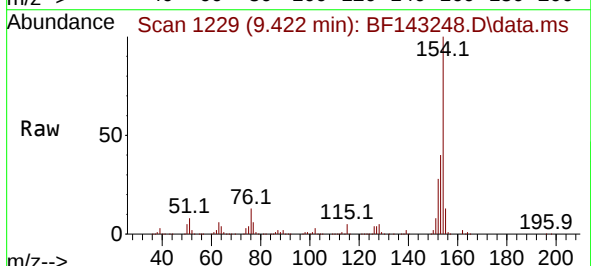
Tgt Ion:154 Resp: 797069

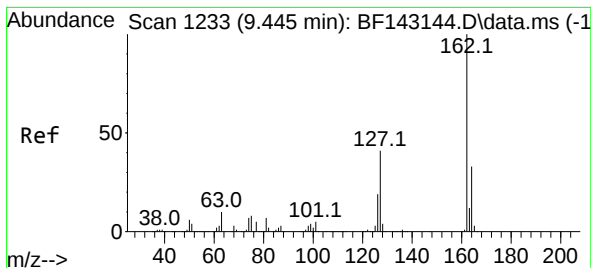
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.626 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

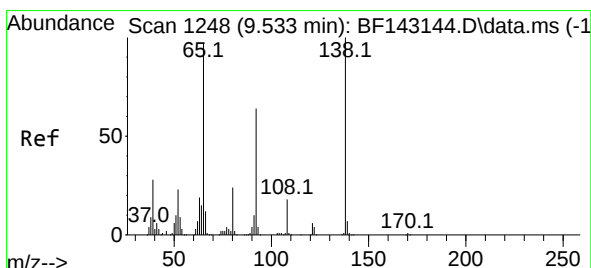
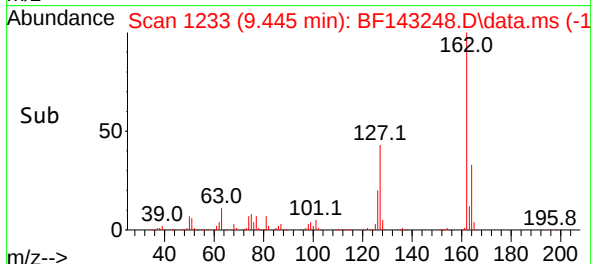
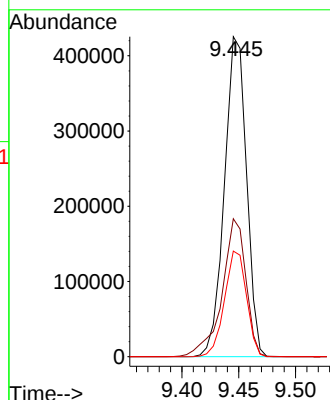
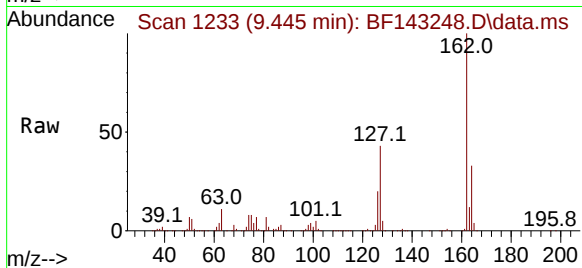
Tgt Ion:162 Resp: 575700

Ion Ratio Lower Upper

162 100

127 43.1 33.4 50.2

164 33.0 26.2 39.2



#48

2-Nitroaniline

Concen: 47.453 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

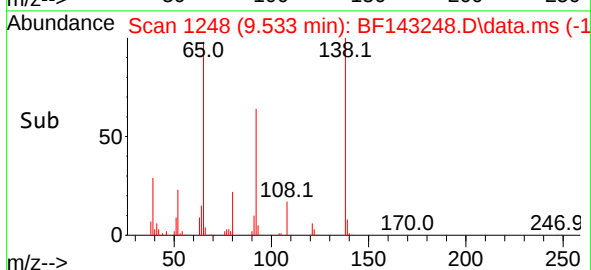
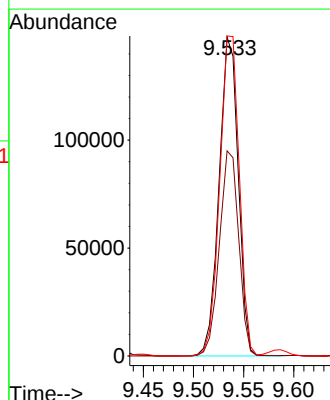
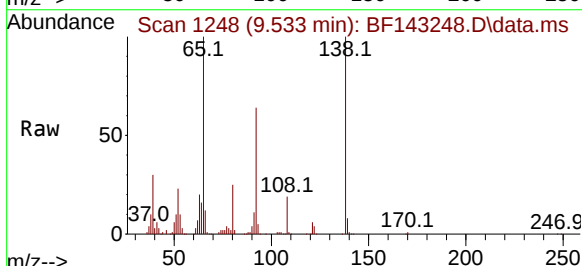
Tgt Ion: 65 Resp: 196377

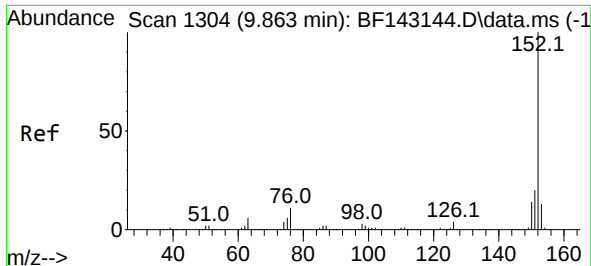
Ion Ratio Lower Upper

65 100

92 64.3 52.4 78.6

138 100.4 82.3 123.5

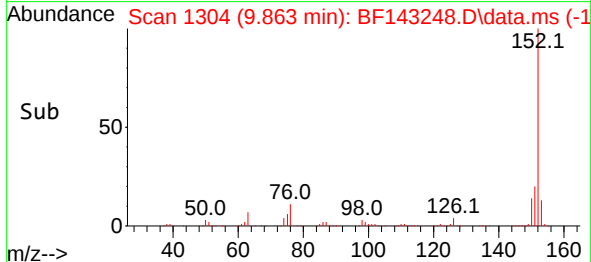
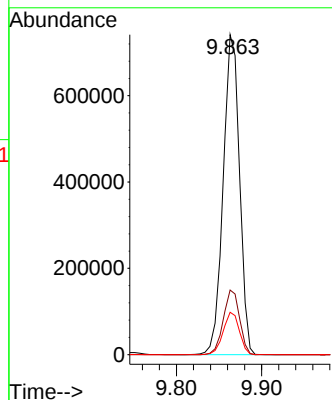
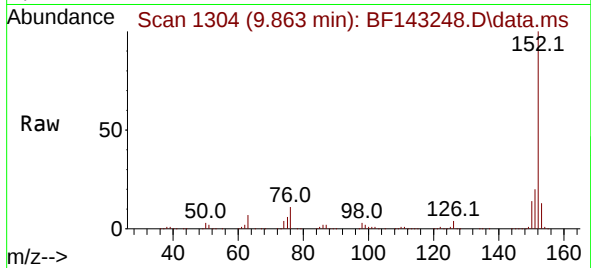




#49
Acenaphthylene
Concen: 44.636 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

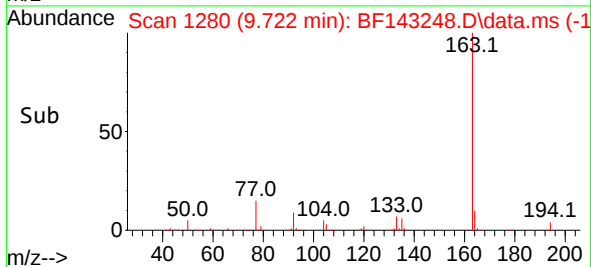
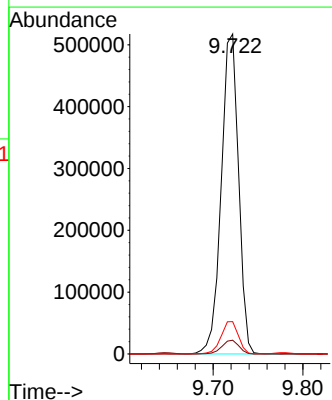
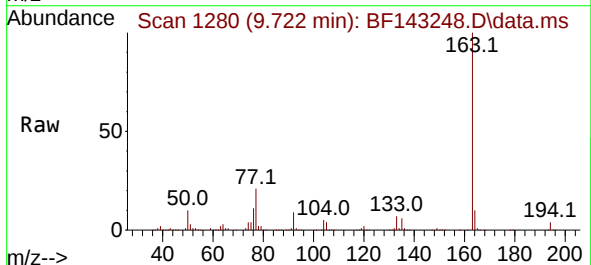
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion:152 Resp: 987120
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 46.497 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:163 Resp: 692815
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.3 12.5

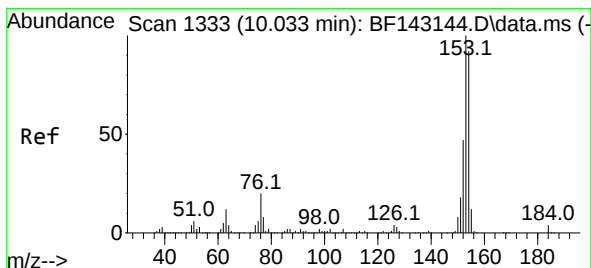
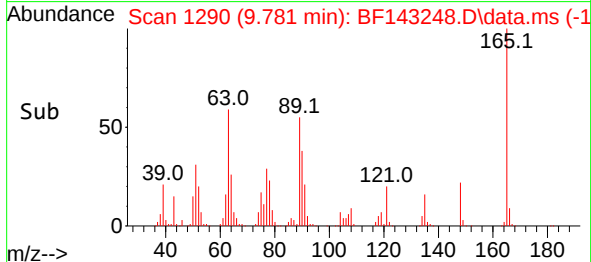
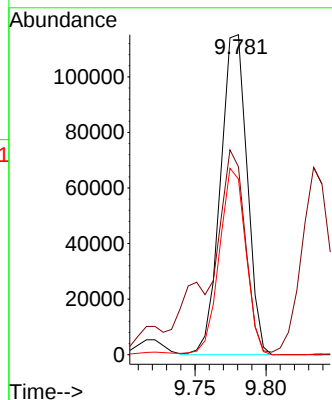
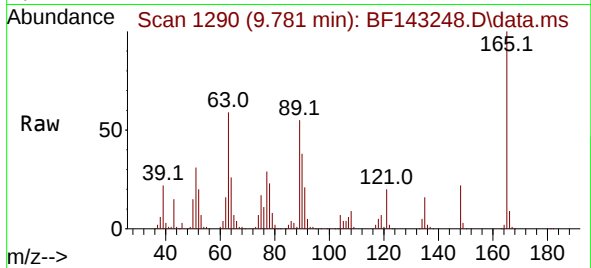




#51
2,6-Dinitrotoluene
Concen: 49.692 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

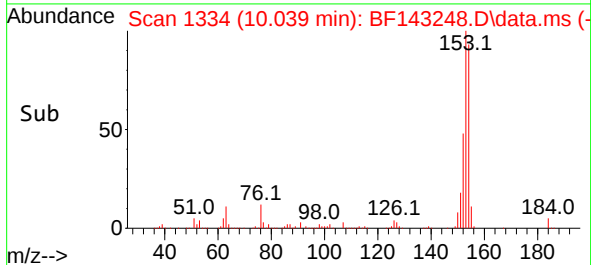
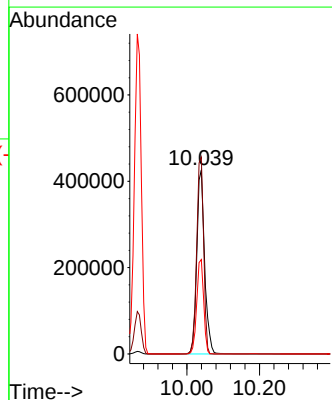
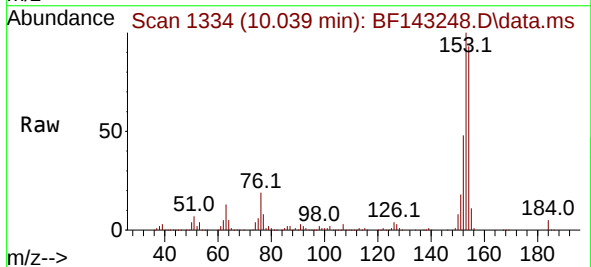
Instrument :
BNA_F
ClientSampleId :
PB169004BS

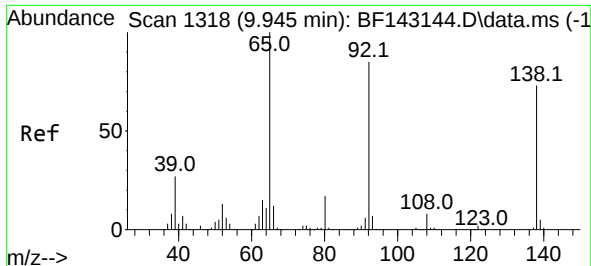
Tgt Ion:165 Resp: 150622
Ion Ratio Lower Upper
165 100
63 58.7 49.4 74.2
89 54.9 46.2 69.2



#52
Acenaphthene
Concen: 49.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:154 Resp: 641599
Ion Ratio Lower Upper
154 100
153 107.1 86.6 129.8
152 51.4 40.4 60.6

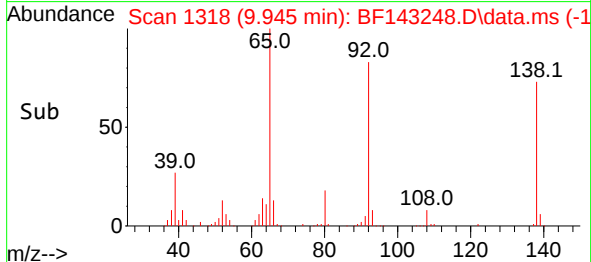
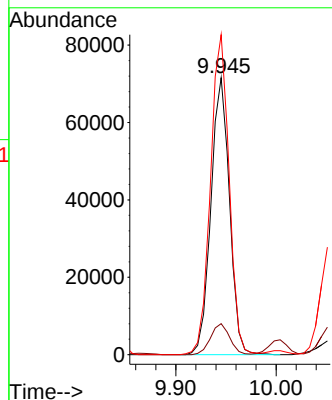
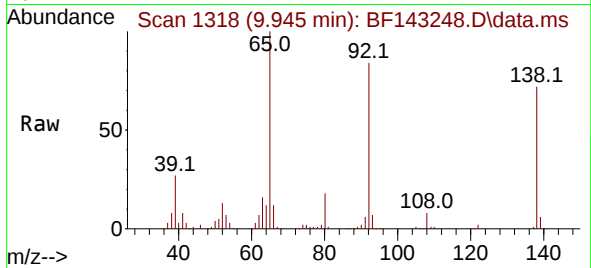




#53
3-Nitroaniline
Concen: 25.981 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

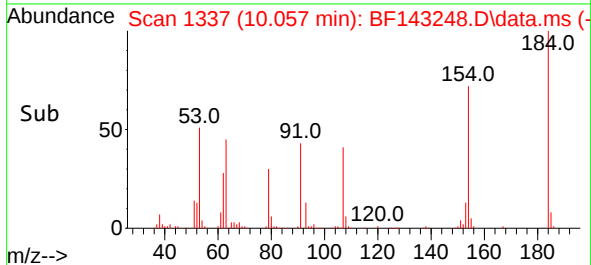
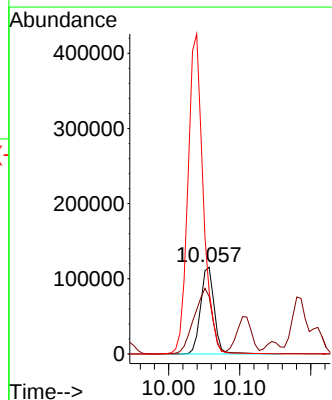
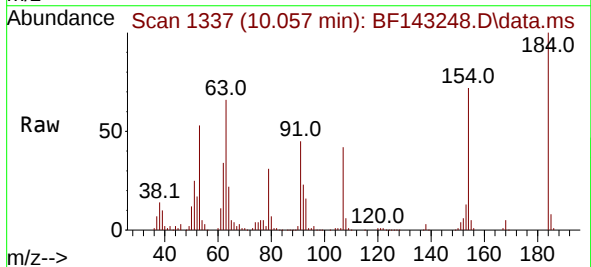
Instrument :
BNA_F
ClientSampleId :
PB169004BS

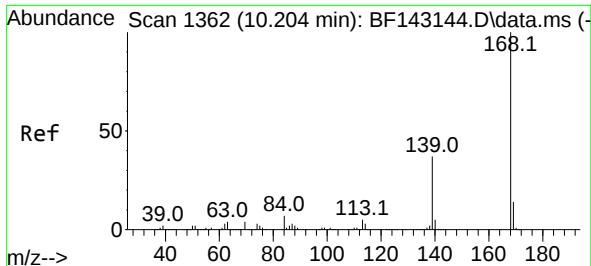
Tgt Ion:138 Resp: 92113
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.6
92 115.5 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 110.663 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:184 Resp: 155854
Ion Ratio Lower Upper
184 100
63 66.2 81.8 122.6#
154 71.9 412.2 618.4#

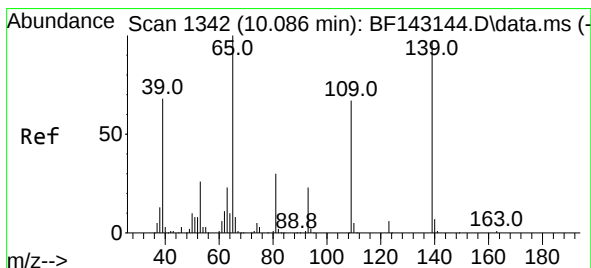
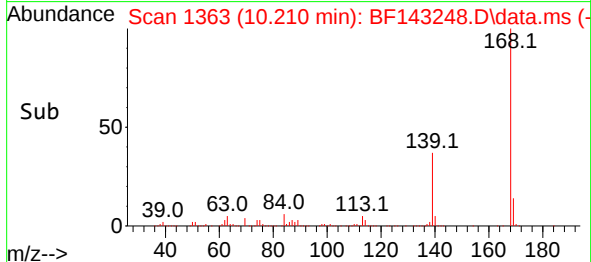
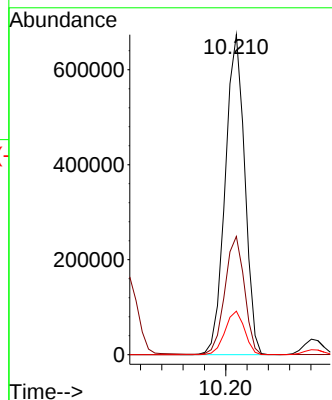
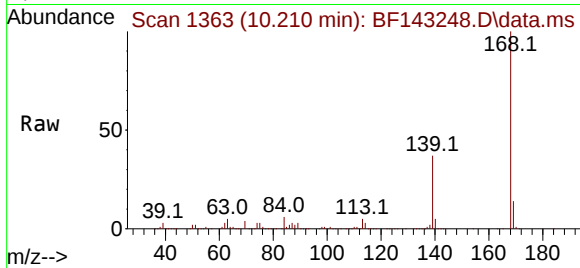




#55
Dibenzenofuran
Concen: 43.943 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

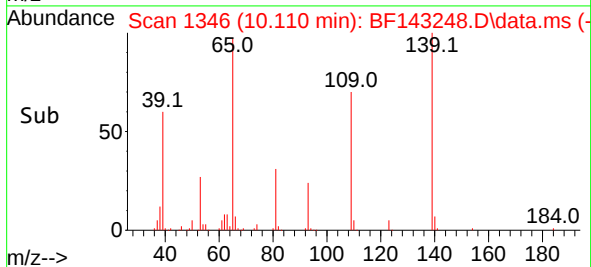
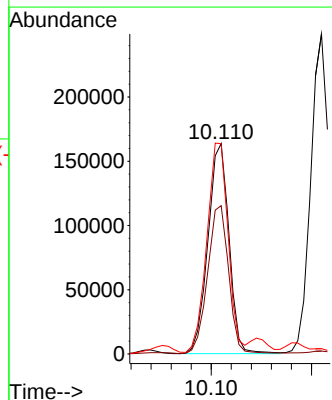
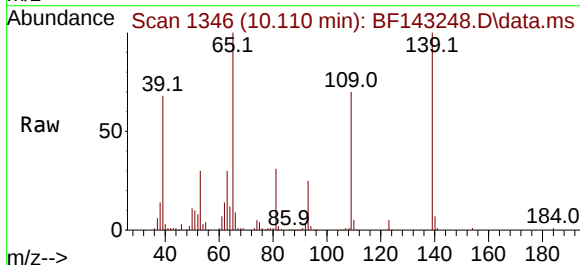
Instrument :
BNA_F
ClientSampleId :
PB169004BS

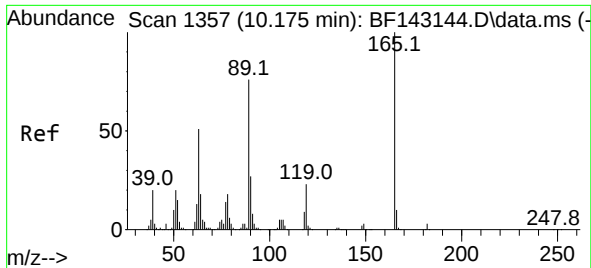
Tgt Ion:168 Resp: 852771
Ion Ratio Lower Upper
168 100
139 37.0 29.5 44.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 90.183 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.024 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:139 Resp: 238760
Ion Ratio Lower Upper
139 100
109 70.5 48.5 88.5
65 99.9 83.4 123.4

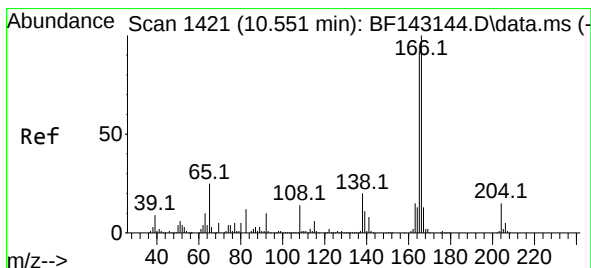
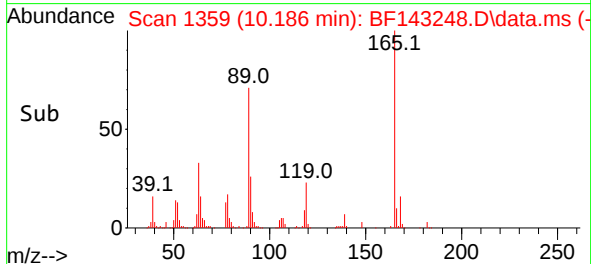
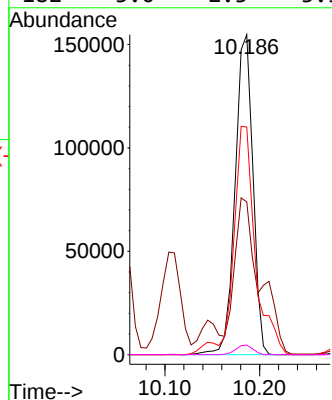
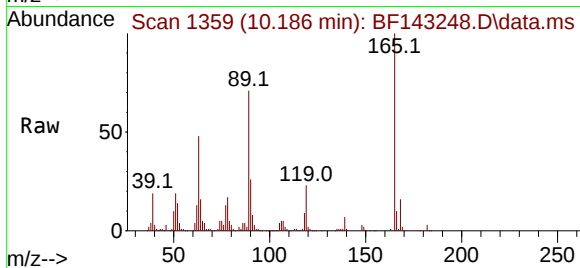




#57
2,4-Dinitrotoluene
Concen: 52.986 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

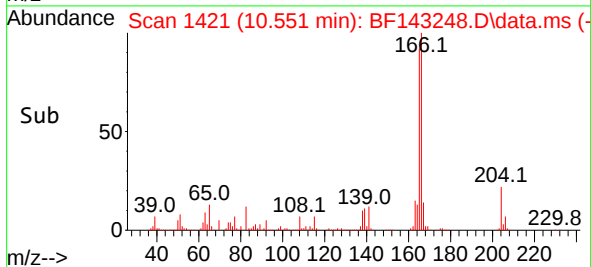
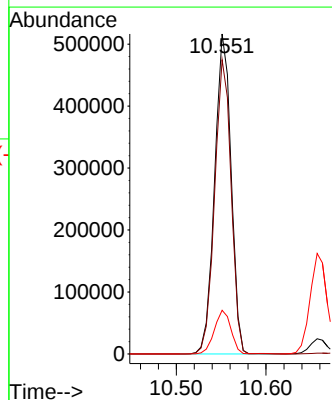
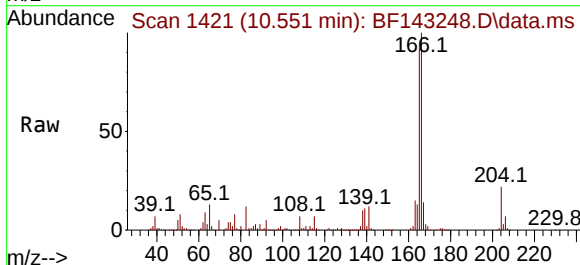
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion:165 Resp: 201499
Ion Ratio Lower Upper
165 100
63 47.8 41.0 61.4
89 71.2 61.1 91.7
182 3.0 2.3 3.5



#58
Fluorene
Concen: 45.220 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:166 Resp: 658616
Ion Ratio Lower Upper
166 100
165 91.9 73.7 110.5
167 13.7 10.6 16.0

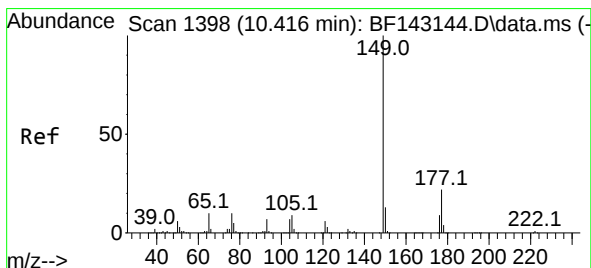
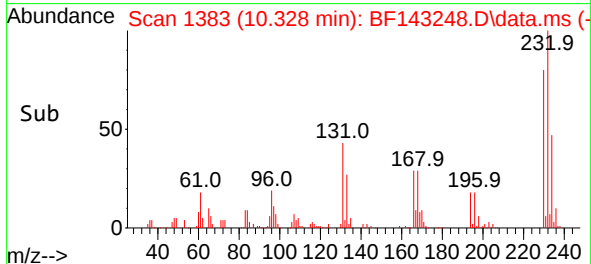
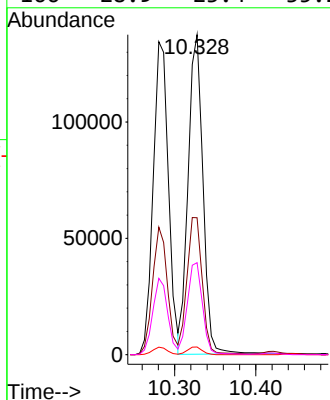
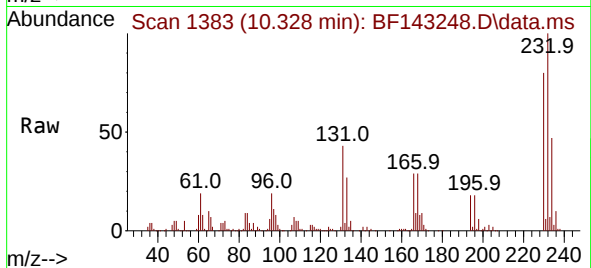




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.166 ng
RT: 10.328 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

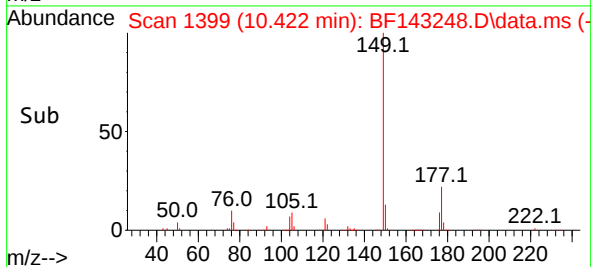
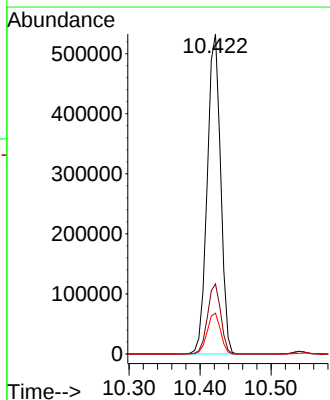
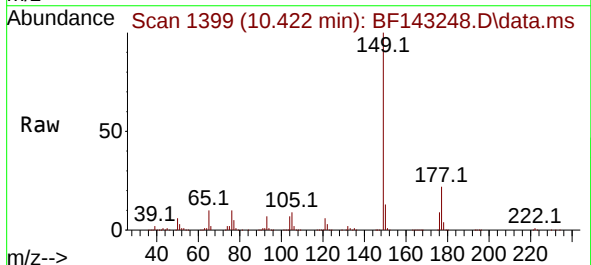
Instrument :
BNA_F
ClientSampleId :
PB169004BS

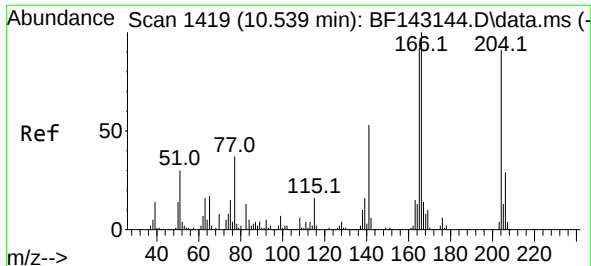
Tgt Ion:232 Resp: 174724
Ion Ratio Lower Upper
232 100
131 44.5 35.3 52.9
130 2.4 1.7 2.5
166 28.9 23.4 35.2



#60
Diethylphthalate
Concen: 47.310 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:149 Resp: 696747
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.8 10.2 15.2

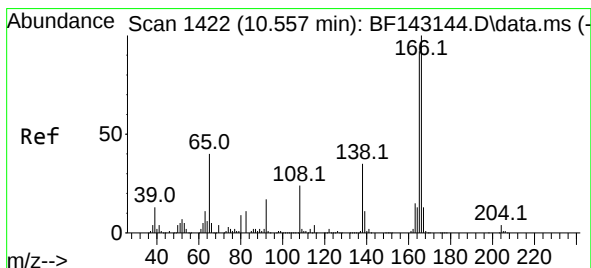
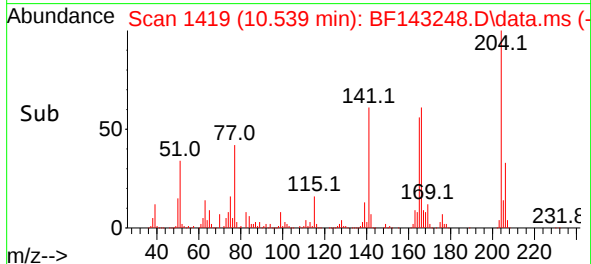
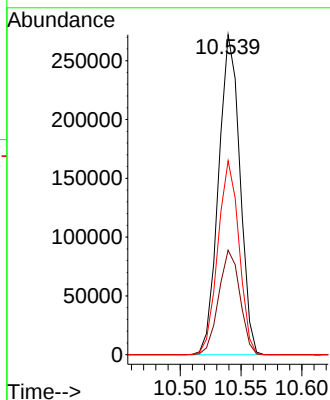
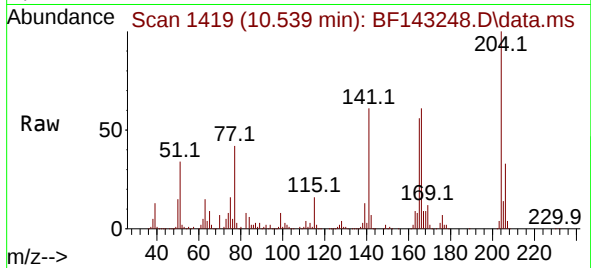




#61
4-Chlorophenyl-phenylether
Concen: 45.760 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

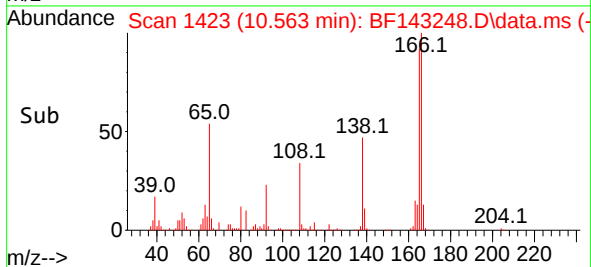
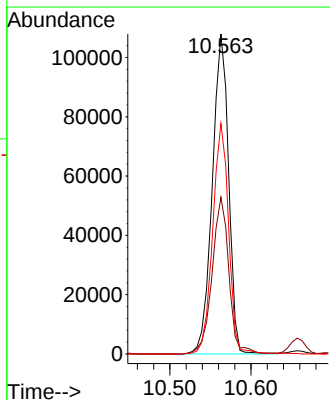
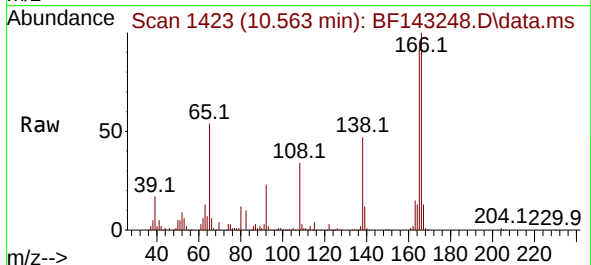
Instrument :
BNA_F
ClientSampleId :
PB169004BS

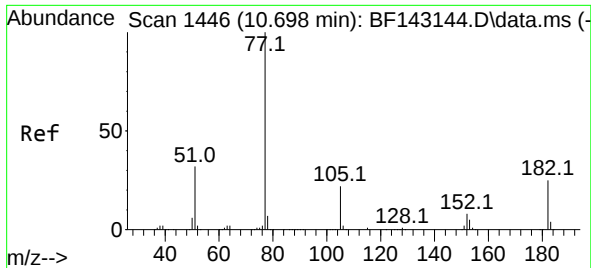
Tgt Ion:204 Resp: 331871
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 60.6 47.0 70.4



#62
4-Nitroaniline
Concen: 49.577 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:138 Resp: 150646
Ion Ratio Lower Upper
138 100
92 49.0 29.3 69.3
108 72.0 48.3 88.3

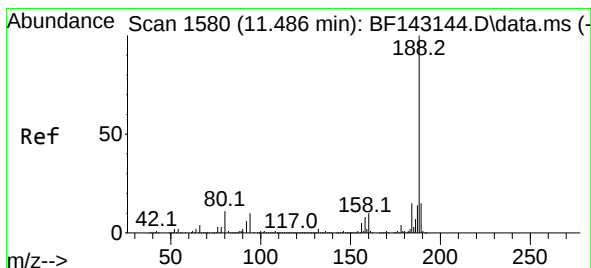
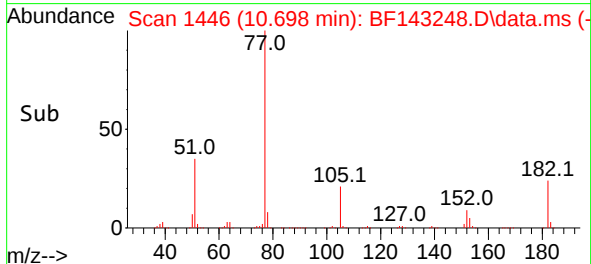
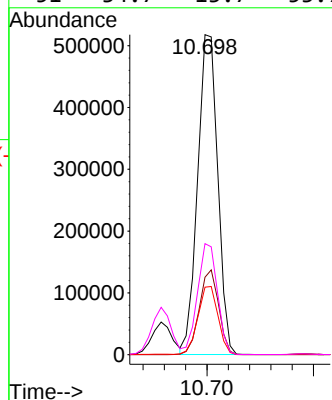
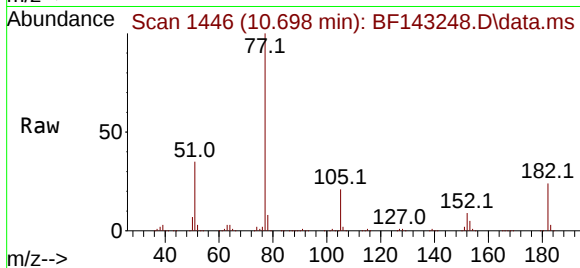




#63
Azobenzene
Concen: 44.372 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

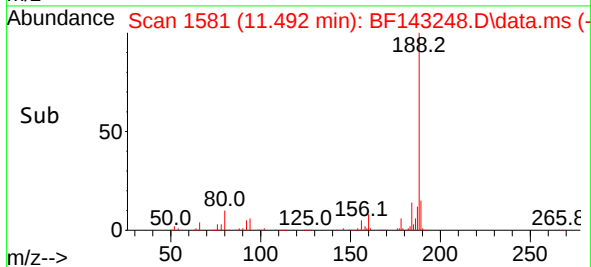
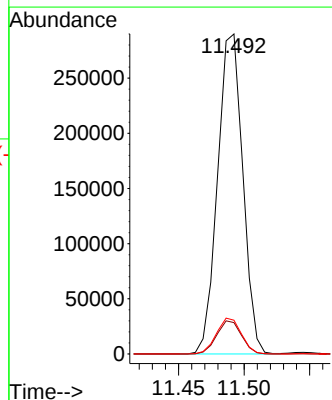
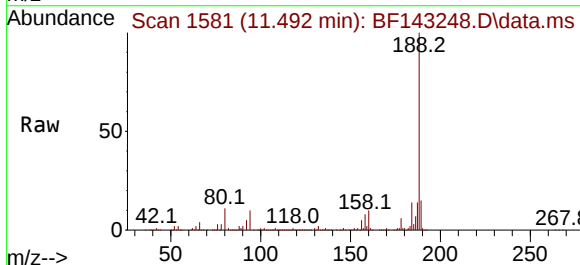
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion: 77	Resp: 681083
Ion Ratio	Lower Upper
77 100	
182 24.2	4.6 44.6
105 21.1	1.4 41.4
51 34.7	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:188	Resp: 387322
Ion Ratio	Lower Upper
188 100	
94 9.8	8.3 12.5
80 10.5	9.0 13.6

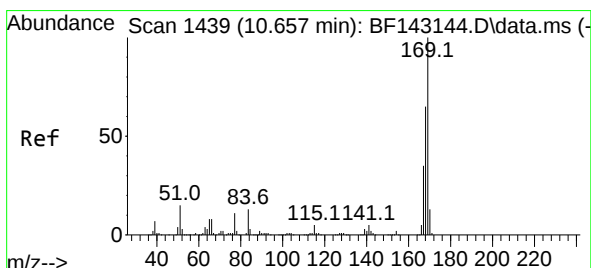
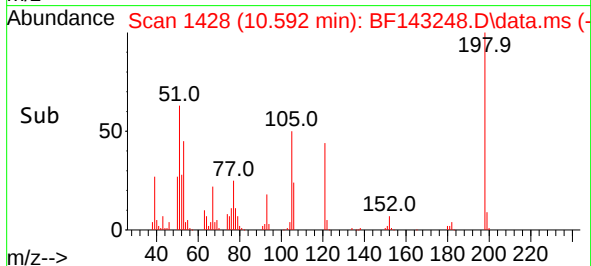
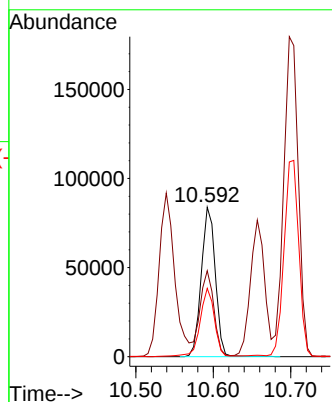
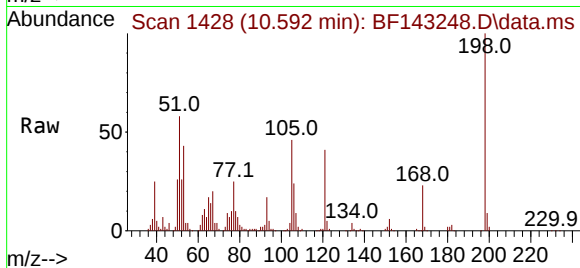




#65
4,6-Dinitro-2-methylphenol
Concen: 51.539 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

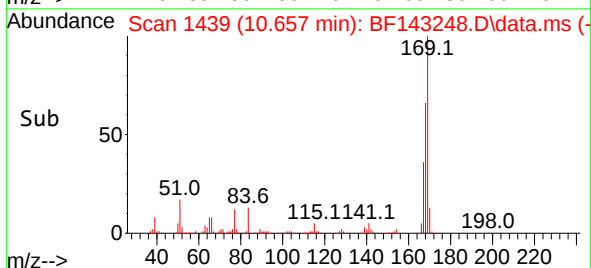
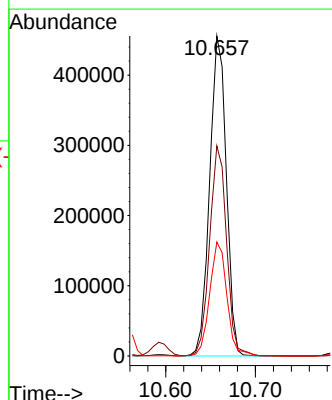
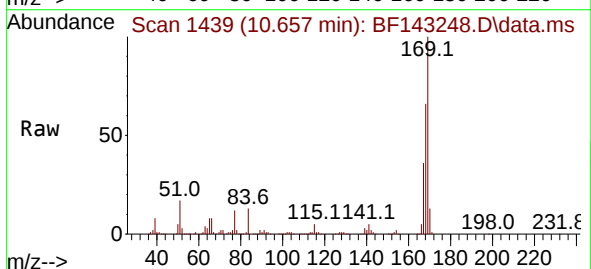
Instrument :
BNA_F
ClientSampleId :
PB169004BS

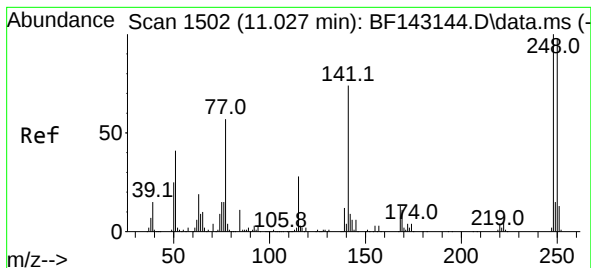
Tgt Ion:198 Resp: 105562
Ion Ratio Lower Upper
198 100
51 57.5 37.2 77.2
105 45.7 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 43.019 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:169 Resp: 586723
Ion Ratio Lower Upper
169 100
168 65.7 52.1 78.1
167 35.6 28.2 42.2

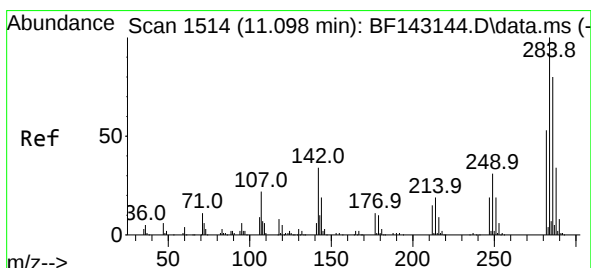
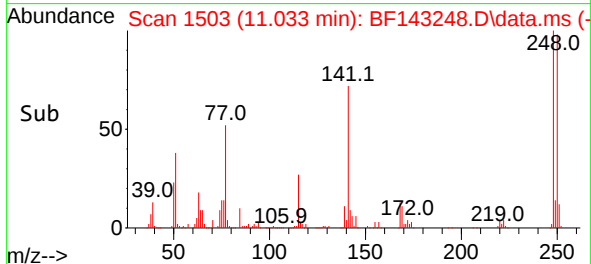
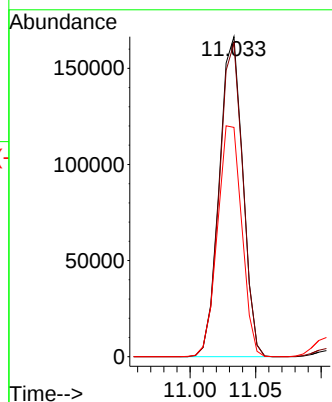
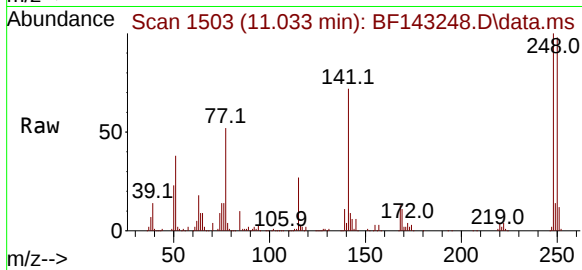




#67
4-Bromophenyl-phenylether
Concen: 44.936 ng
RT: 11.033 min Scan# 11033
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

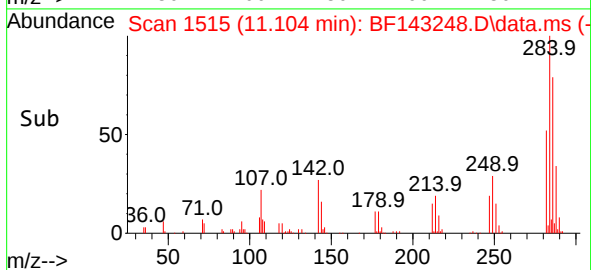
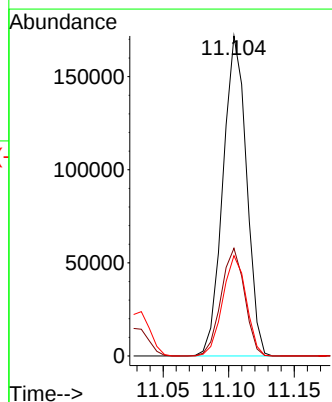
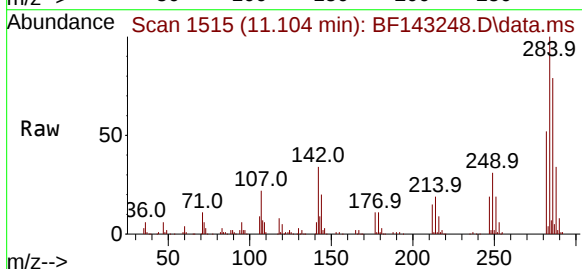
Instrument :
BNA_F
ClientSampleId :
PB169004BS

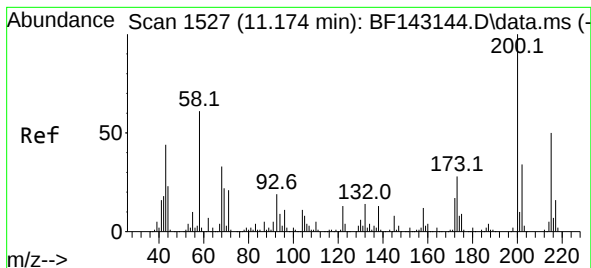
Tgt Ion:248 Resp: 207418
Ion Ratio Lower Upper
248 100
250 98.0 78.3 117.5
141 71.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 44.402 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:284 Resp: 214218
Ion Ratio Lower Upper
284 100
142 33.7 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 49.966 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

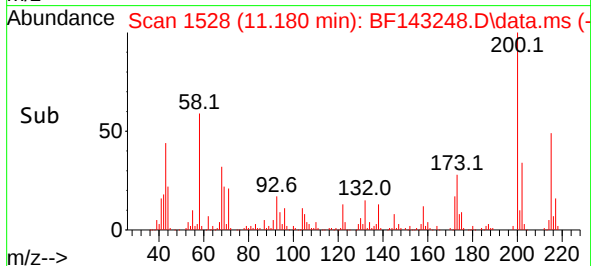
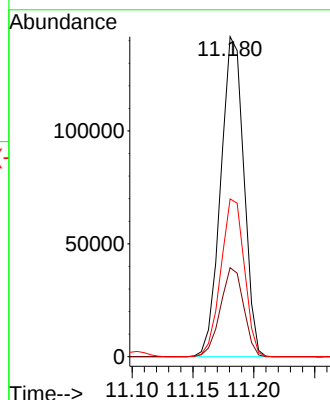
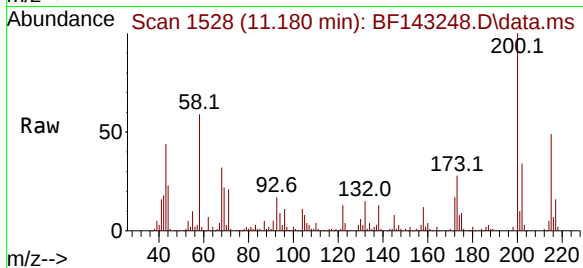
Tgt Ion:200 Resp: 187877

Ion Ratio Lower Upper

200 100

173 27.8 7.9 47.9

215 49.3 30.1 70.1



#70

Pentachlorophenol

Concen: 85.689 ng

RT: 11.298 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

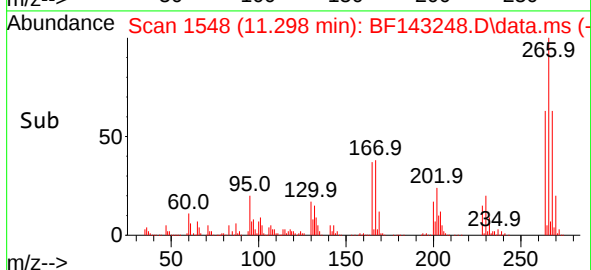
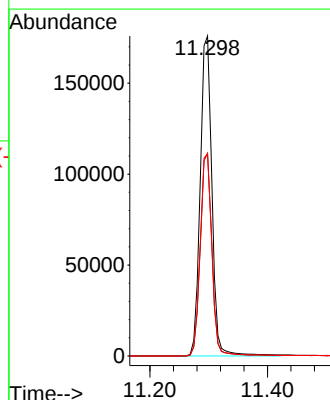
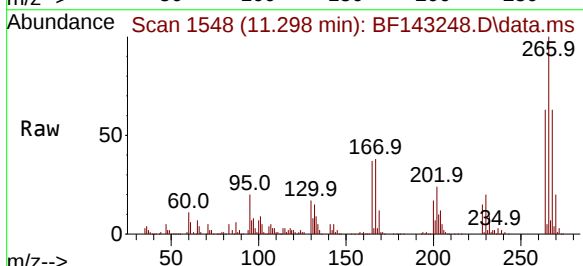
Tgt Ion:266 Resp: 243119

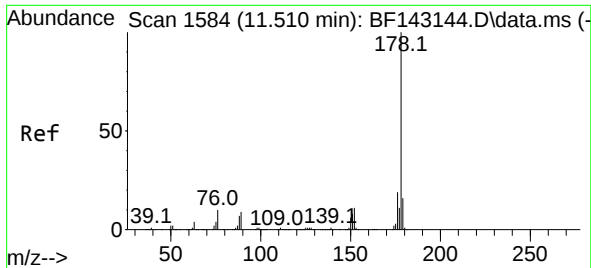
Ion Ratio Lower Upper

266 100

268 63.3 51.9 77.9

264 63.2 51.0 76.6

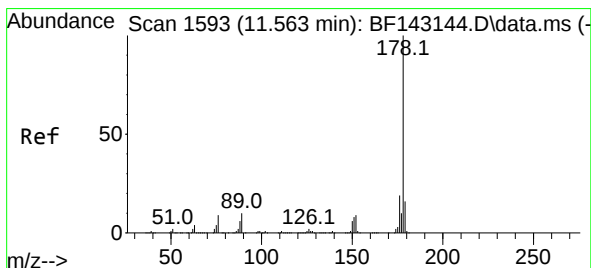
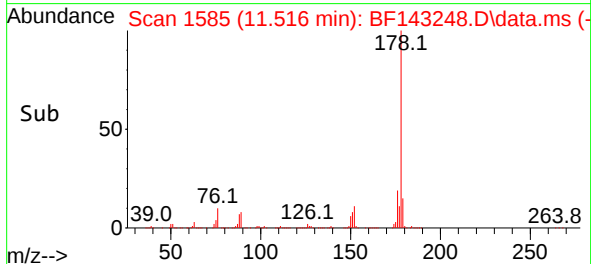
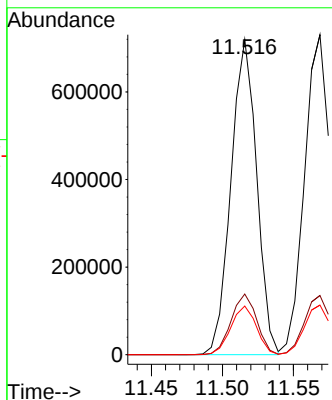
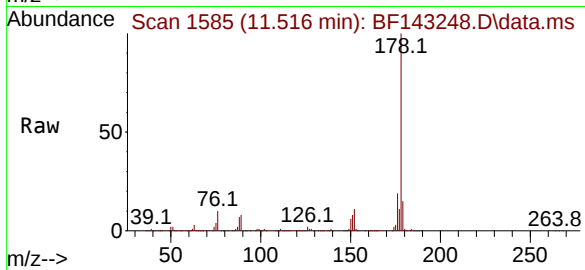




#71
Phenanthrene
Concen: 44.066 ng
RT: 11.516 min Scan# 11585
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

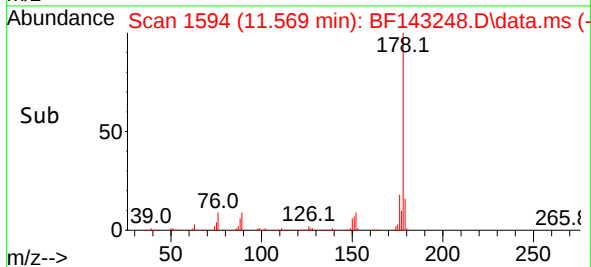
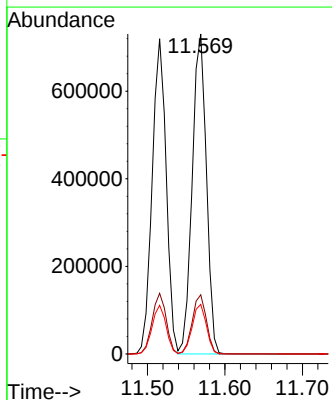
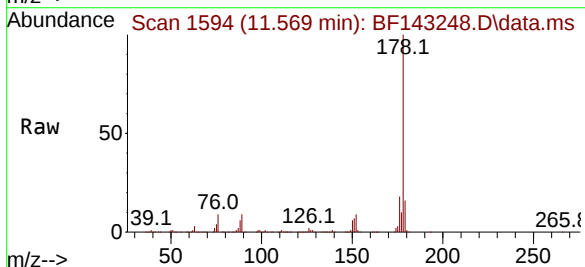
Instrument :
BNA_F
ClientSampleId :
PB169004BS

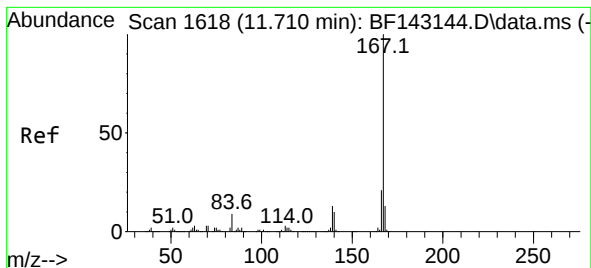
Tgt Ion:178 Resp: 906241
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 44.204 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:178 Resp: 927155
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.5 18.7





#73

Carbazole

Concen: 45.430 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

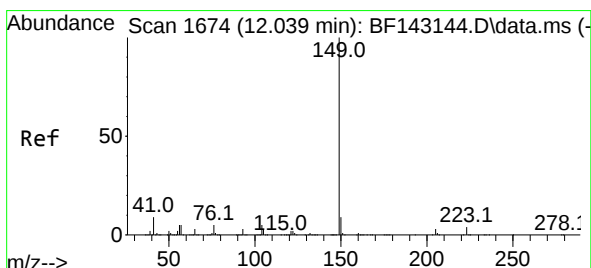
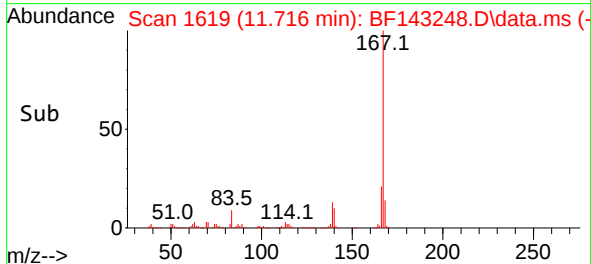
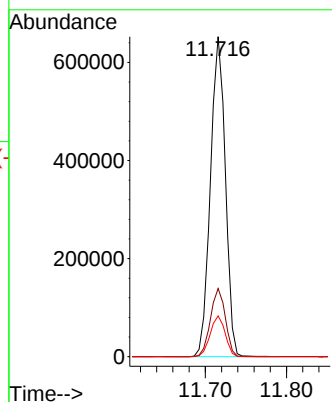
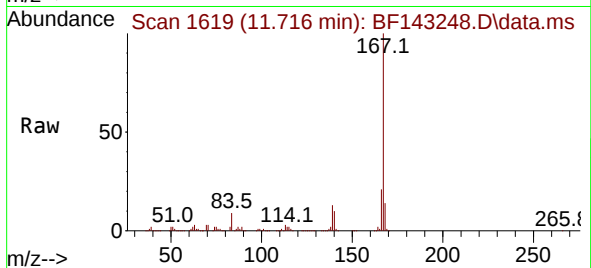
Tgt Ion:167 Resp: 832040

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 12.7 10.0 15.0



#74

Di-n-butylphthalate

Concen: 49.809 ng

RT: 12.045 min Scan# 1675

Delta R.T. 0.006 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

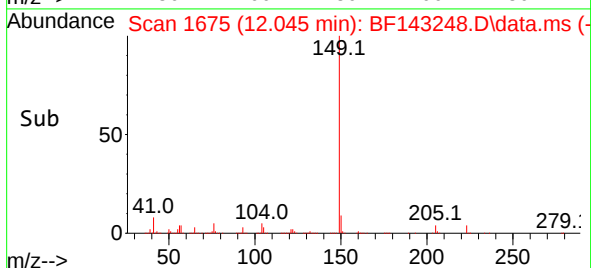
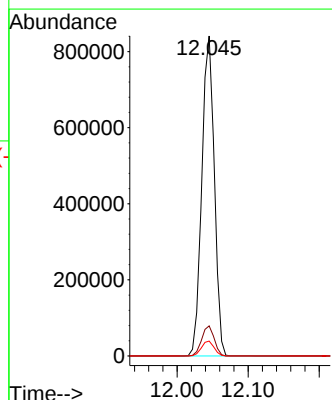
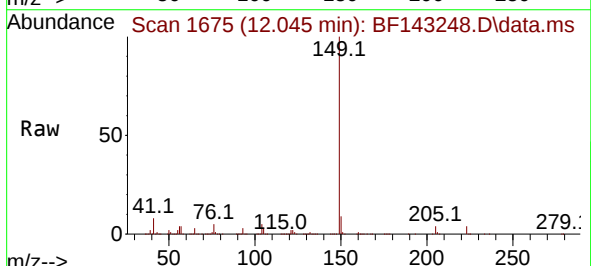
Tgt Ion:149 Resp: 1032214

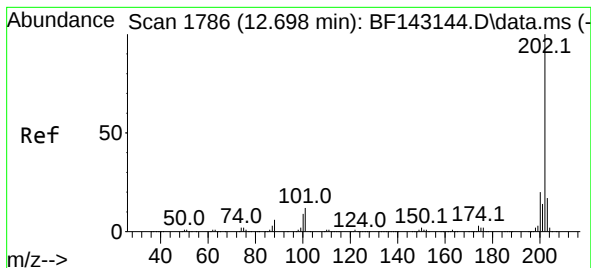
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

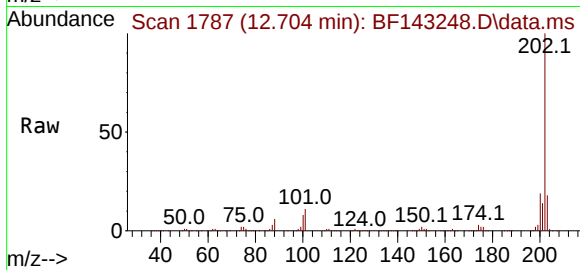
104 4.6 3.8 5.8



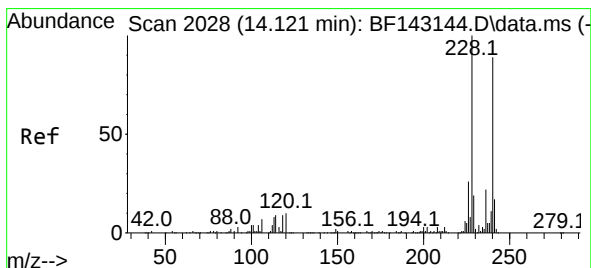
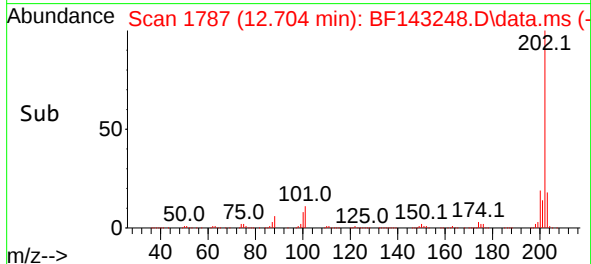
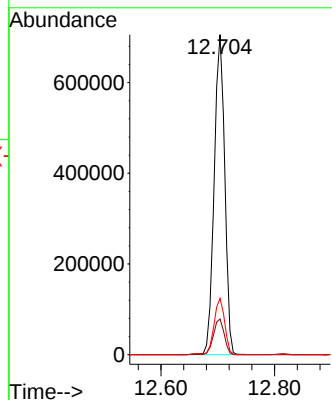


#75
Fluoranthene
Concen: 48.100 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Instrument :
BNA_F
ClientSampleId :
PB169004BS

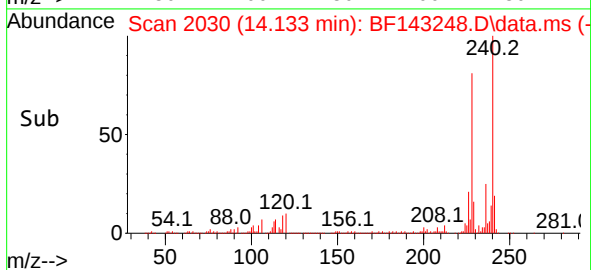
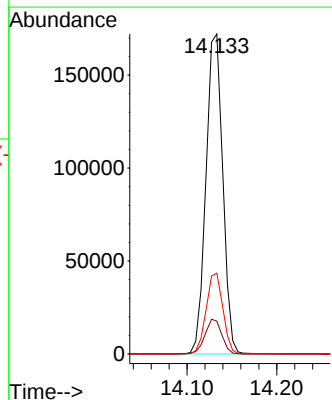
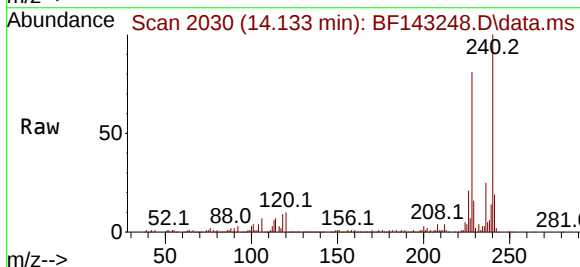


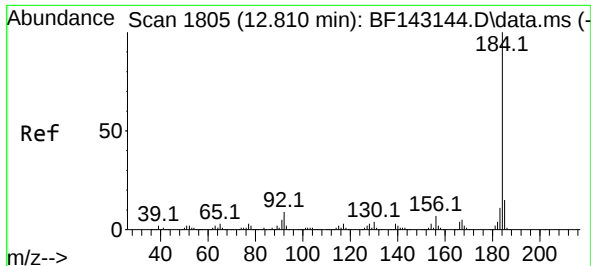
Tgt Ion:202 Resp: 907955
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.7
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:240 Resp: 224147
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 25.2 20.2 30.4

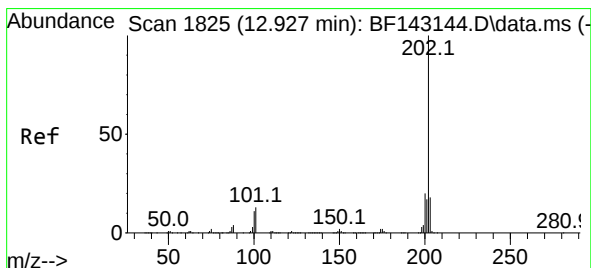
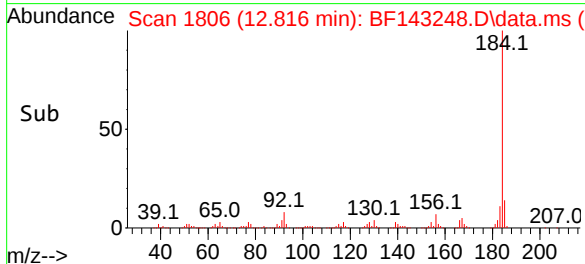
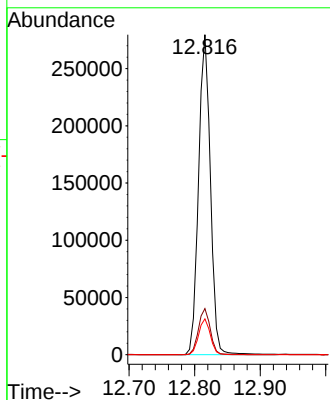
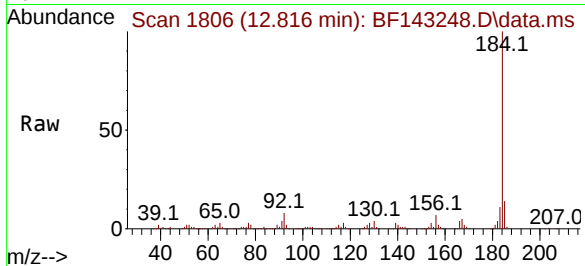




#77
Benzidine
Concen: 40.803 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

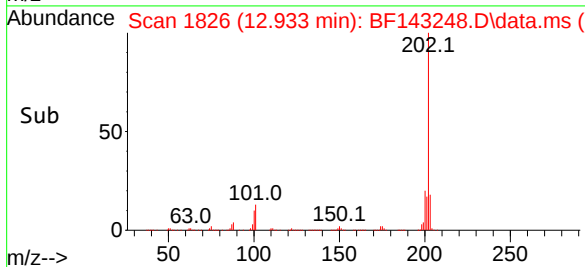
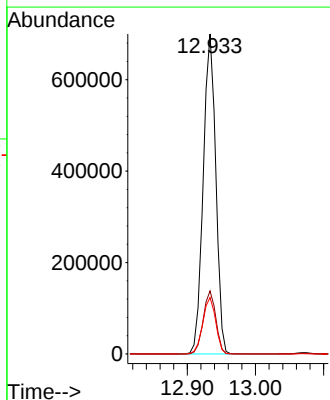
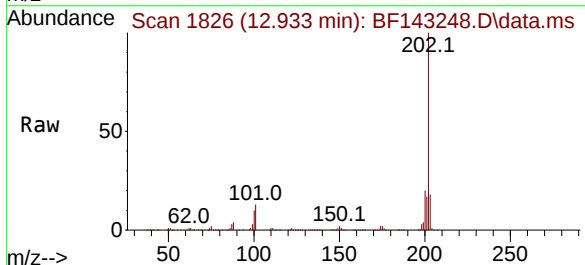
Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion:184 Resp: 352363
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 46.976 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:202 Resp: 898645
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.7 14.2 21.2

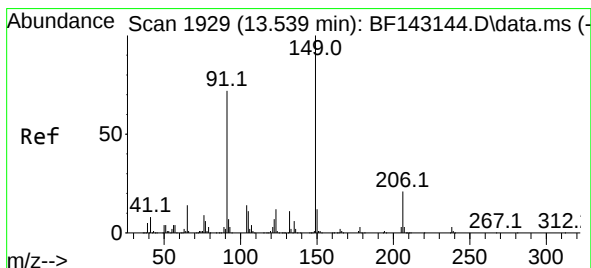
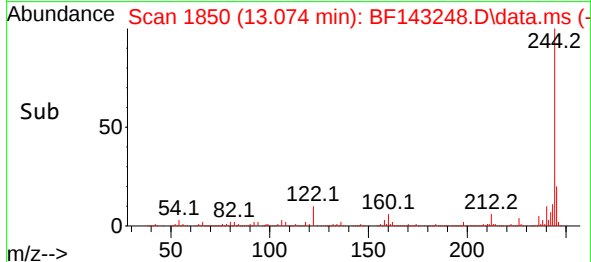
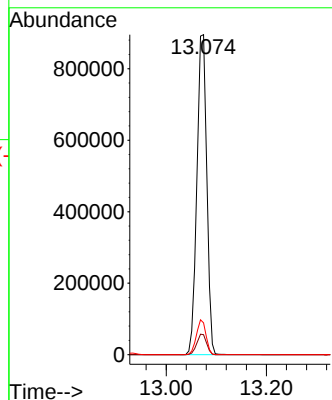
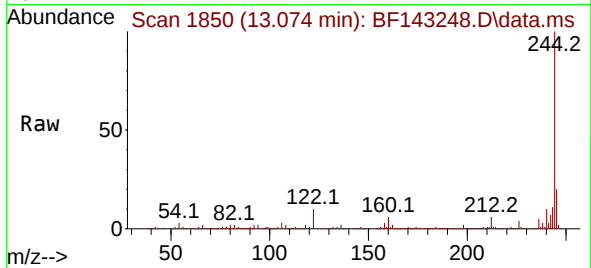




#79
 Terphenyl-d14
 Concen: 81.203 ng
 RT: 13.074 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF143248.D
 Acq: 25 Jul 2025 13:41

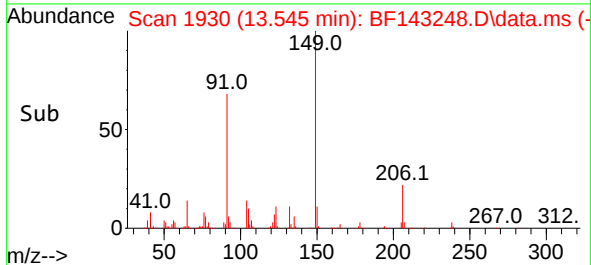
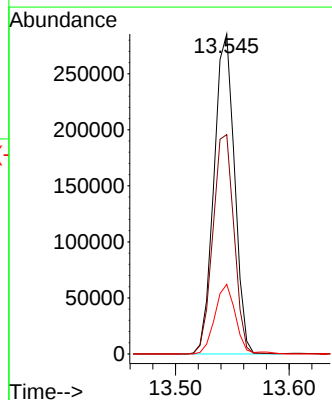
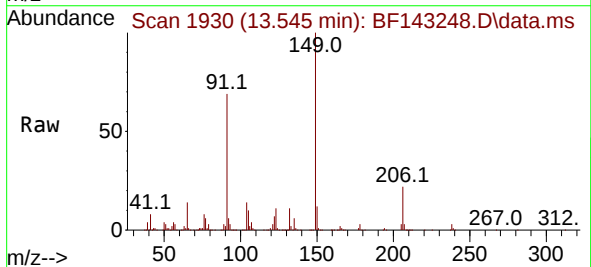
Instrument :
 BNA_F
 ClientSampleId :
 PB169004BS

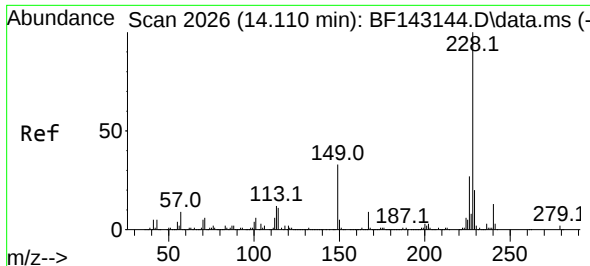
Tgt Ion:244 Resp: 1223131
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.2 7.8
 122 9.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 61.336 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: BF143248.D
 Acq: 25 Jul 2025 13:41

Tgt Ion:149 Resp: 359293
 Ion Ratio Lower Upper
 149 100
 91 68.5 57.9 86.9
 206 21.7 17.0 25.4

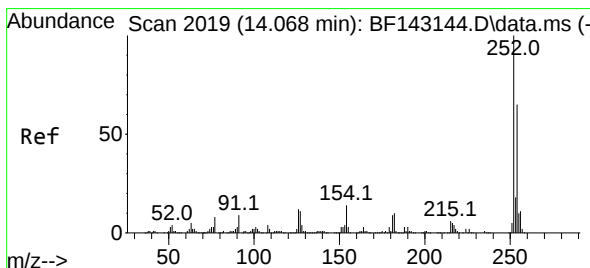
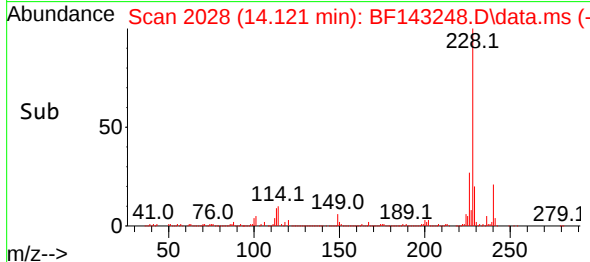
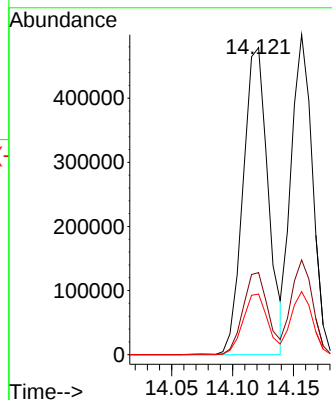
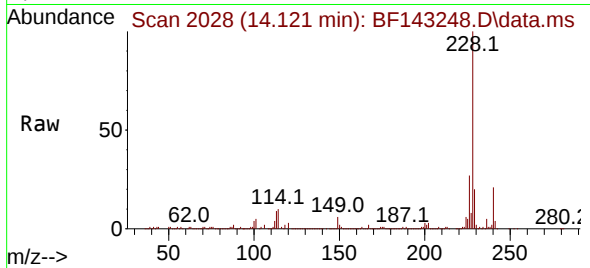




#81
Benzo(a)anthracene
Concen: 45.799 ng
RT: 14.121 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

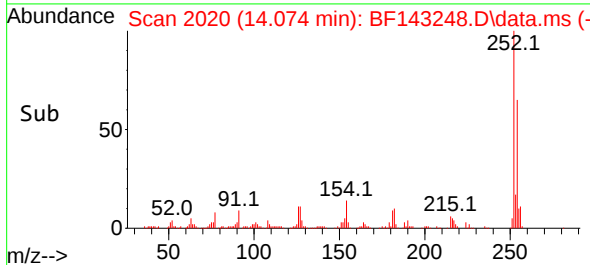
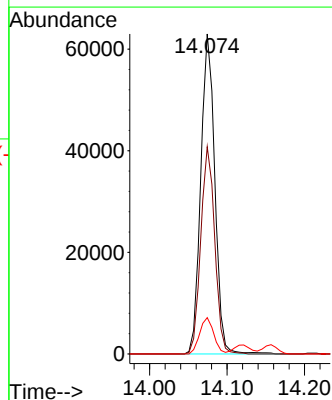
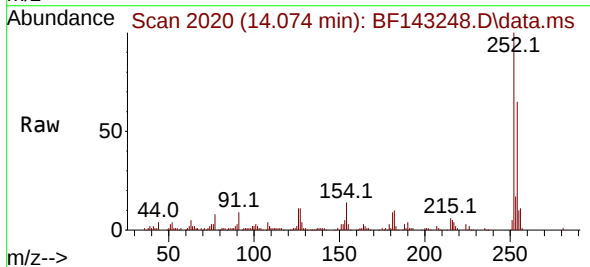
Instrument :
BNA_F
ClientSampleId :
PB169004BS

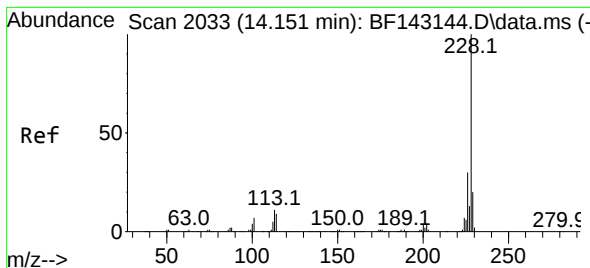
Tgt Ion:228 Resp: 687297
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 15.868 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:252 Resp: 79367
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 11.4 9.4 14.0





#83

Chrysene

Concen: 45.060 ng

RT: 14.157 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

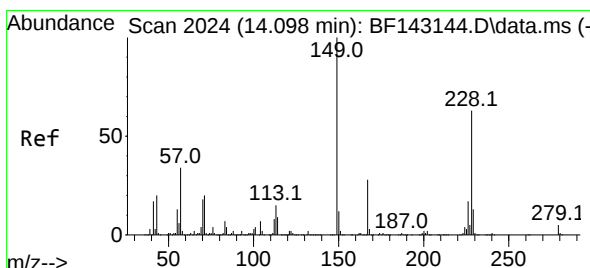
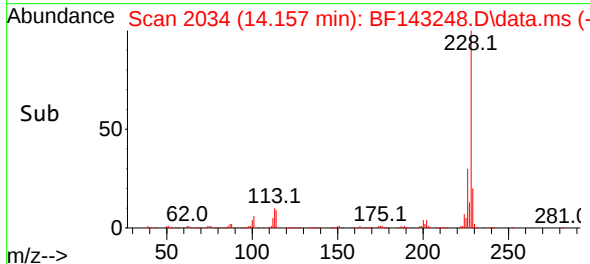
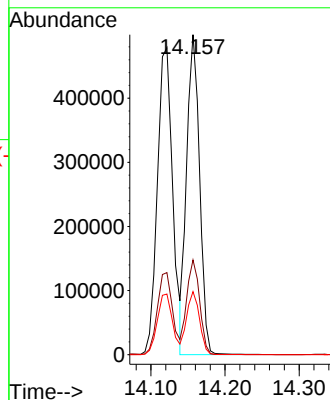
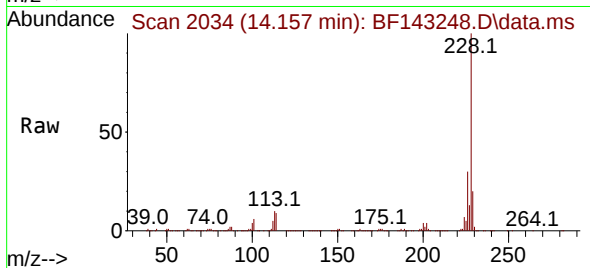
Tgt Ion:228 Resp: 607969

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.732 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

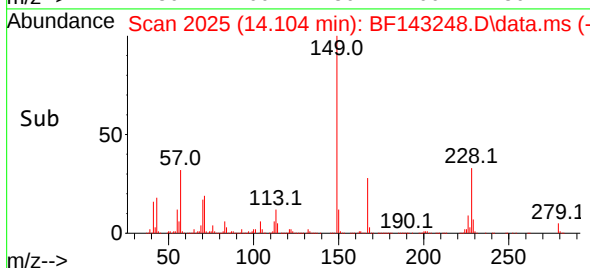
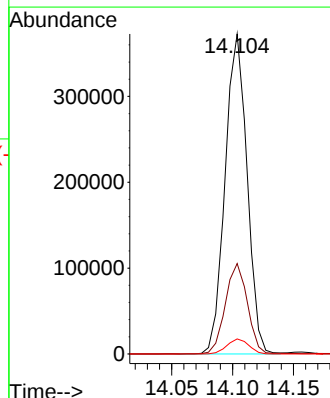
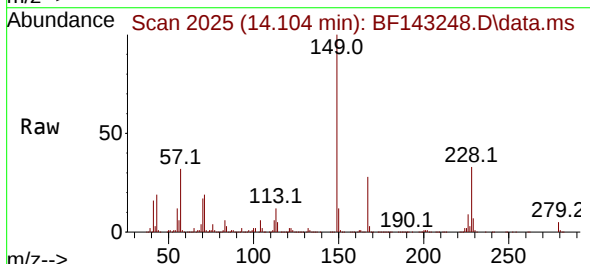
Tgt Ion:149 Resp: 467541

Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.7 3.6 5.4

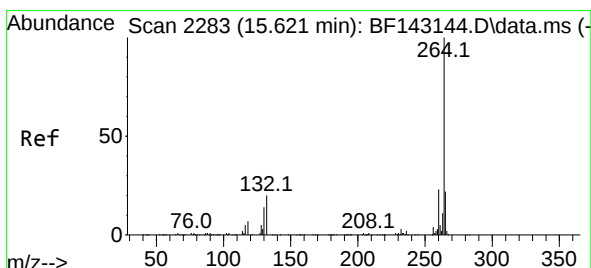
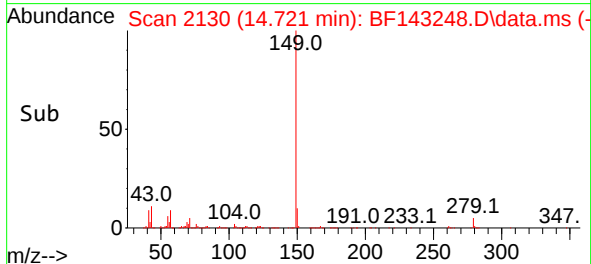
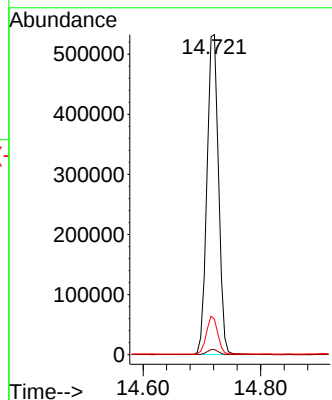
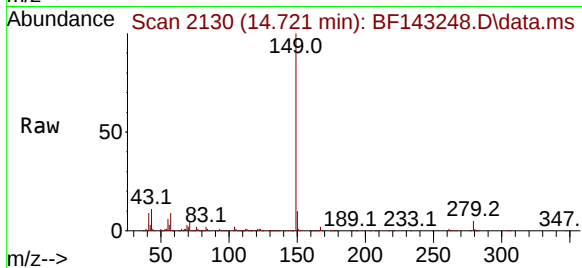




#85
Di-n-octyl phthalate
Concen: 45.178 ng
RT: 14.721 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

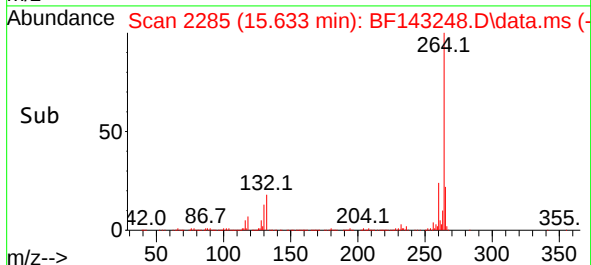
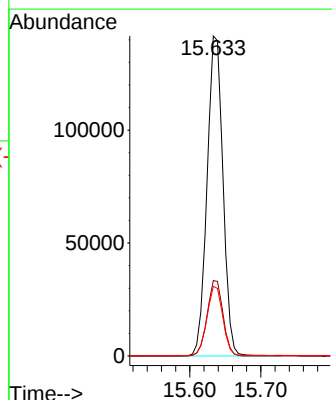
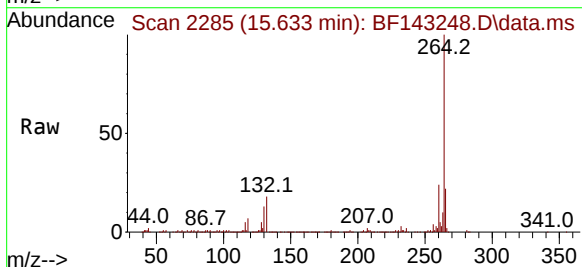
Instrument :
BNA_F
ClientSampleId :
PB169004BS

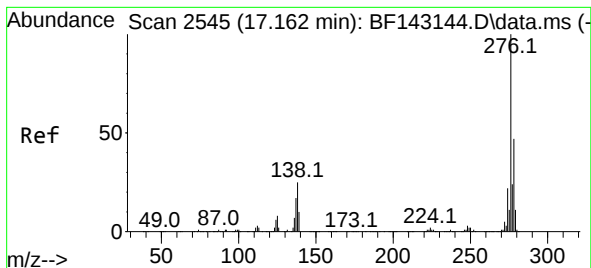
Tgt Ion:149 Resp: 726075
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.5 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:264 Resp: 220726
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.987 ng

RT: 17.186 min Scan# 2110

Delta R.T. 0.024 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

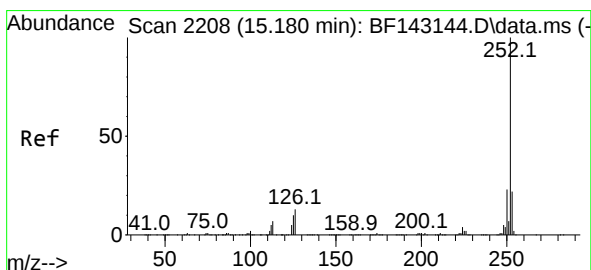
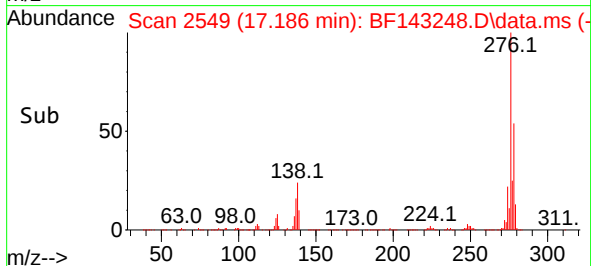
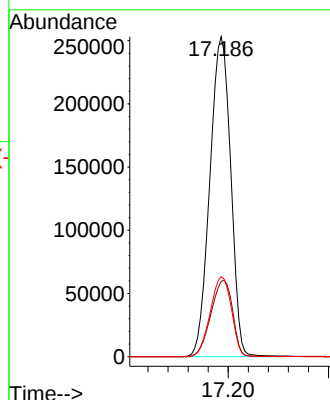
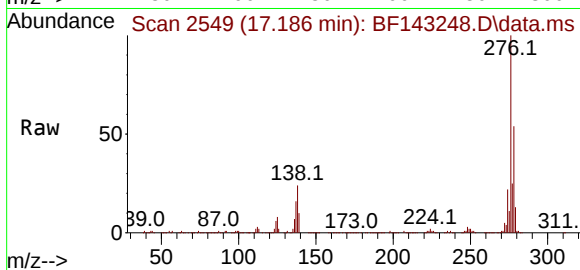
Tgt Ion:276 Resp: 731319

Ion Ratio Lower Upper

276 100

138 24.8 21.8 32.6

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.836 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

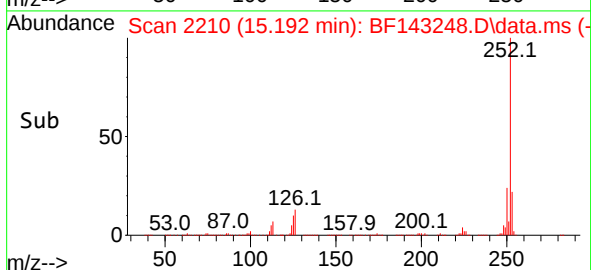
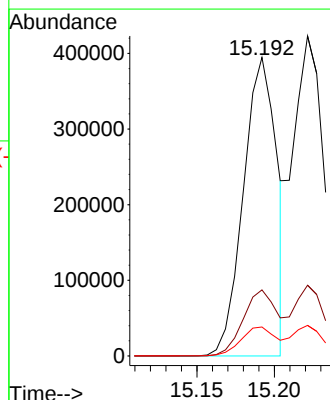
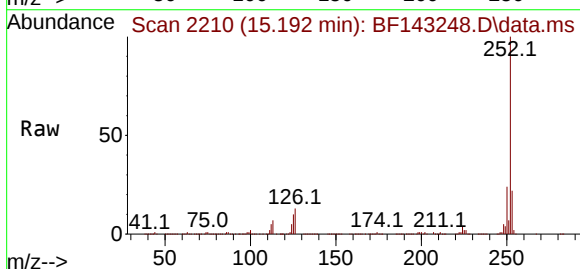
Tgt Ion:252 Resp: 591097

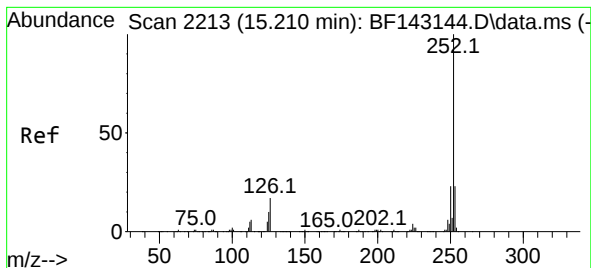
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.542 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

Instrument :

BNA_F

ClientSampleId :

PB169004BS

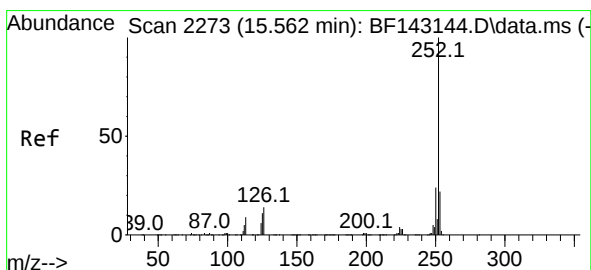
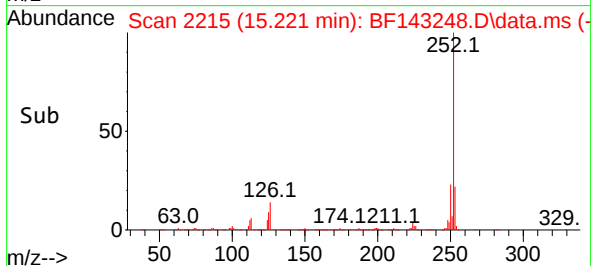
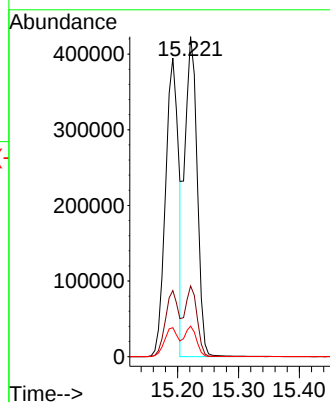
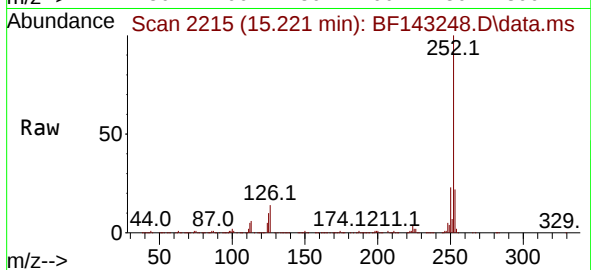
Tgt Ion:252 Resp: 596130

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.5 8.1 12.1



#90

Benzo(a)pyrene

Concen: 46.975 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF143248.D

Acq: 25 Jul 2025 13:41

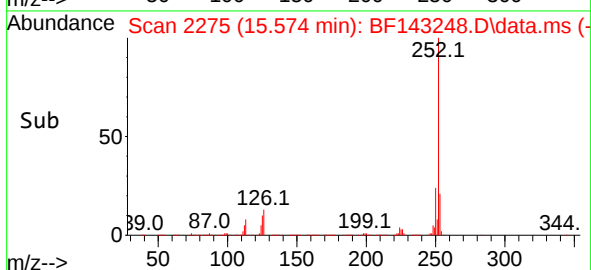
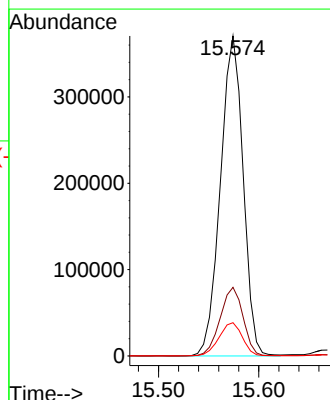
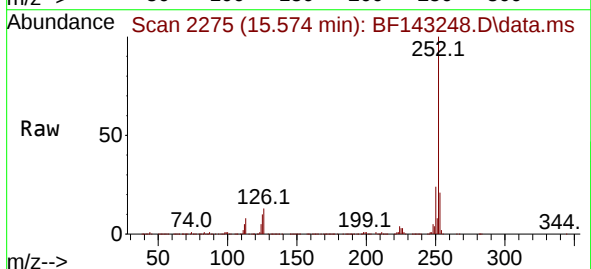
Tgt Ion:252 Resp: 583600

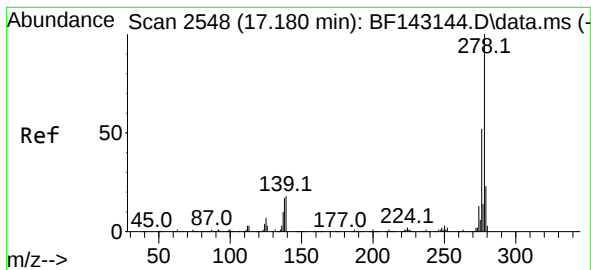
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.4 8.6 13.0

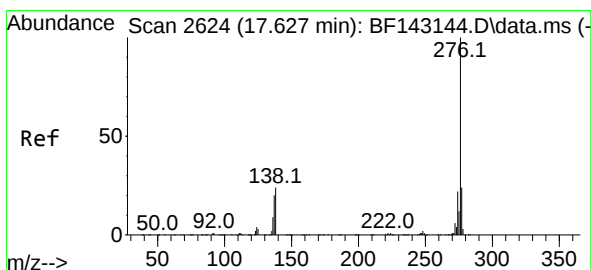
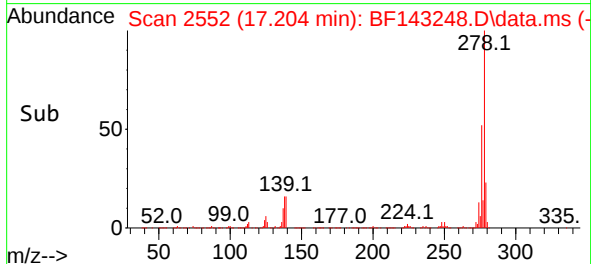
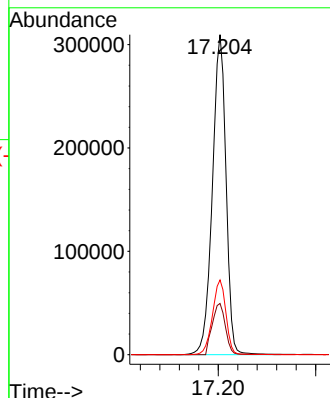
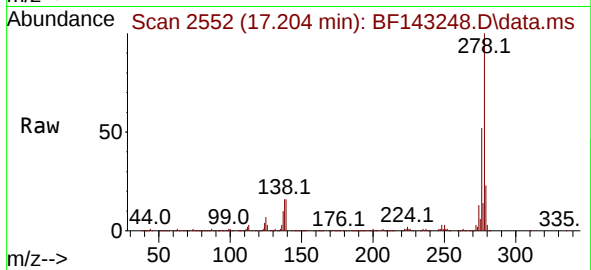




#91
Dibenzo(a,h)anthracene
Concen: 47.275 ng
RT: 17.204 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Instrument :
BNA_F
ClientSampleId :
PB169004BS

Tgt Ion:278 Resp: 598885
Ion Ratio Lower Upper
278 100
139 16.0 14.1 21.1
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 47.929 ng
RT: 17.656 min Scan# 2629
Delta R.T. 0.029 min
Lab File: BF143248.D
Acq: 25 Jul 2025 13:41

Tgt Ion:276 Resp: 587344
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 21.7 18.9 28.3

