

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143397.D
 Acq On : 14 Aug 2025 22:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 15 01:35:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	152105	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	563232	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	277841	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	378614	20.000	ng	0.00
76) Chrysene-d12	14.098	240	246790	20.000	ng	0.00
86) Perylene-d12	15.592	264	345291	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	643911	73.205	ng	0.00
7) Phenol-d6	6.563	99	792527	70.261	ng	0.00
23) Nitrobenzene-d5	7.493	82	702587	77.681	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	163924	80.730	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1223203	74.656	ng	0.00
79) Terphenyl-d14	13.039	244	881305	63.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	157177	34.533	ng	98
3) Pyridine	3.516	79	421075	34.717	ng	99
4) n-Nitrosodimethylamine	3.457	42	195742	34.645	ng	99
6) Aniline	6.598	93	543387	34.171	ng	98
8) 2-Chlorophenol	6.722	128	350779	37.322	ng	97
9) Benzaldehyde	6.487	77	243421	32.651	ng	98
10) Phenol	6.581	94	472975	35.396	ng	96
11) bis(2-Chloroethyl)ether	6.663	93	348679	35.405	ng	99
12) 1,3-Dichlorobenzene	6.875	146	388534	35.839	ng	100
13) 1,4-Dichlorobenzene	6.951	146	391006	35.936	ng	99
14) 1,2-Dichlorobenzene	7.104	146	370583	35.880	ng	99
15) Benzyl Alcohol	7.075	79	295961	36.604	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.204	45	593645	33.764	ng	99
17) 2-Methylphenol	7.187	107	281294	35.456	ng	99
18) Hexachloroethane	7.445	117	132838	38.942	ng	99
19) n-Nitroso-di-n-propyla...	7.340	70	233943	33.566	ng	99
20) 3+4-Methylphenols	7.340	107	337641	35.190	ng	97
22) Acetophenone	7.340	105	432509	34.852	ng	97
24) Nitrobenzene	7.510	77	372258	37.898	ng	98
25) Isophorone	7.751	82	637222	34.512	ng	100
26) 2-Nitrophenol	7.828	139	177089	45.217	ng	100
27) 2,4-Dimethylphenol	7.863	122	279099	36.232	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	402907	35.741	ng	99
29) 2,4-Dichlorophenol	8.075	162	290315	38.587	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	294443	37.101	ng	99
31) Naphthalene	8.240	128	975346	35.988	ng	99
32) Benzoic acid	7.975	122	128968	40.763	ng	97
33) 4-Chloroaniline	8.281	127	345847	35.380	ng	100
34) Hexachlorobutadiene	8.357	225	191788	38.848	ng	99
35) Caprolactam	8.640	113	76776	36.300	ng	100
36) 4-Chloro-3-methylphenol	8.763	107	278956	35.367	ng	97
37) 2-Methylnaphthalene	8.928	142	629467	35.329	ng	100
38) 1-Methylnaphthalene	9.028	142	594152	34.624	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	294195	38.695	ng	100
41) Hexachlorocyclopentadiene	9.087	237	129924	51.058	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	180656	41.879	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143397.D
 Acq On : 14 Aug 2025 22:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

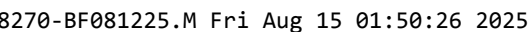
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

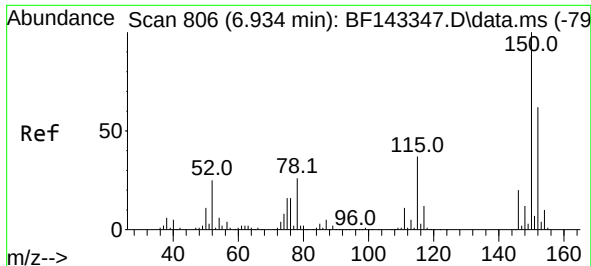
Quant Time: Aug 15 01:35:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	191510	39.313	ng	98
46) 1,1'-Biphenyl	9.392	154	734155	37.371	ng	99
47) 2-Chloronaphthalene	9.416	162	579598	37.462	ng	99
48) 2-Nitroaniline	9.510	65	170708	38.817	ng	96
49) Acenaphthylene	9.828	152	817159	36.573	ng	100
50) Dimethylphthalate	9.681	163	611502	37.666	ng	100
51) 2,6-Dinitrotoluene	9.745	165	123848	40.788	ng	94
52) Acenaphthene	10.004	154	541033	36.423	ng	99
53) 3-Nitroaniline	9.916	138	136382	41.020	ng	96
54) 2,4-Dinitrophenol	10.028	184	31584	35.584	ng #	84
55) Dibenzofuran	10.175	168	772029	36.113	ng	100
56) 4-Nitrophenol	10.081	139	70771	30.288	ng	95
57) 2,4-Dinitrotoluene	10.151	165	159522	39.688	ng	90
58) Fluorene	10.516	166	572834	35.081	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	130610	39.774	ng	98
60) Diethylphthalate	10.386	149	536101	36.866	ng	98
61) 4-Chlorophenyl-phenyle...	10.510	204	285928	36.239	ng	98
62) 4-Nitroaniline	10.528	138	116589	36.245	ng	98
63) Azobenzene	10.669	77	562010	33.836	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	64754	43.140	ng	92
66) n-Nitrosodiphenylamine	10.622	169	476800	38.245	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	172874	39.924	ng	97
68) Hexachlorobenzene	11.069	284	177709	38.074	ng	99
69) Atrazine	11.145	200	132597	40.779	ng	99
70) Pentachlorophenol	11.263	266	66512	32.879	ng	98
71) Phenanthrene	11.480	178	742863	35.962	ng	100
72) Anthracene	11.533	178	762390	36.392	ng	99
73) Carbazole	11.686	167	608695	34.117	ng	99
74) Di-n-butylphthalate	12.010	149	643625	42.631	ng	100
75) Fluoranthene	12.669	202	628208	34.718	ng	99
77) Benzidine	12.786	184	251288	37.244	ng	99
78) Pyrene	12.898	202	640096	30.918	ng	99
80) Butylbenzylphthalate	13.510	149	206438	50.287	ng	96
81) Benzo(a)anthracene	14.086	228	560700	35.746	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	188593	44.526	ng	99
83) Chrysene	14.121	228	537379	36.741	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	309325	51.120	ng	98
85) Di-n-octyl phthalate	14.686	149	611488	50.655	ng	95
87) Indeno(1,2,3-cd)pyrene	17.121	276	924731	37.381	ng	99
88) Benzo(b)fluoranthene	15.151	252	716789	37.954	ng	100
89) Benzo(k)fluoranthene	15.180	252	602501	32.831	ng	99
90) Benzo(a)pyrene	15.527	252	649502	36.515	ng	100
91) Dibenzo(a,h)anthracene	17.133	278	751396	38.021	ng	98
92) Benzo(g,h,i)perylene	17.580	276	738534	37.096	ng	99

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

Quant Time: Aug 15 01:35:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

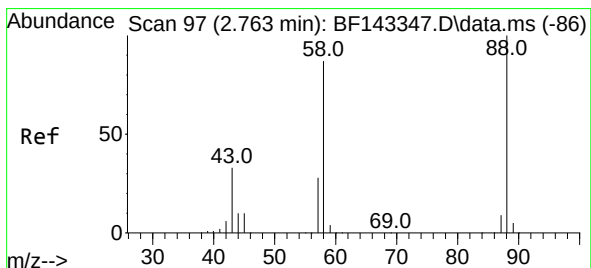
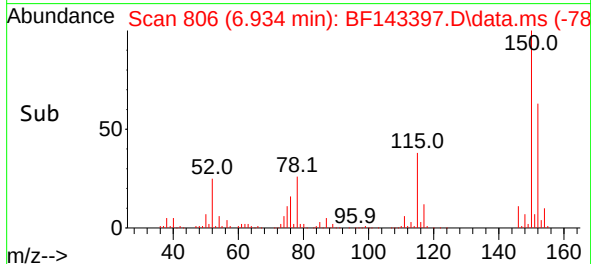
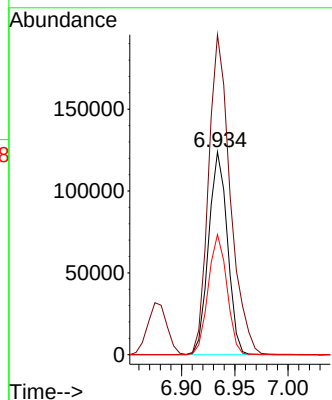
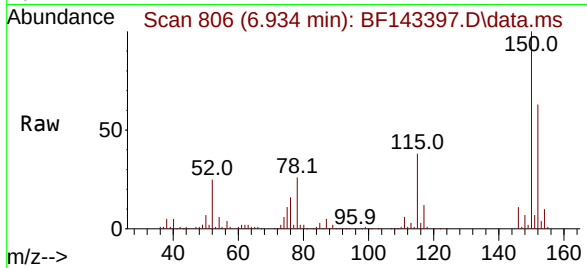




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143397.D
 Acq: 14 Aug 2025 22:56

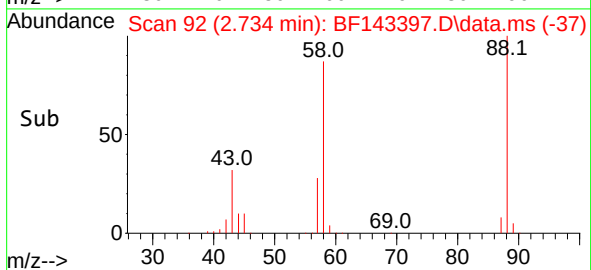
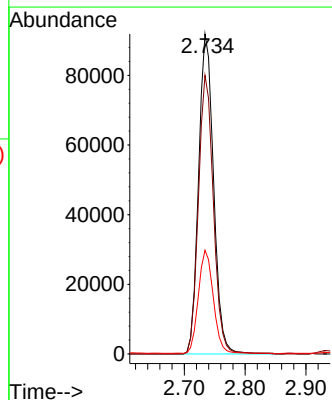
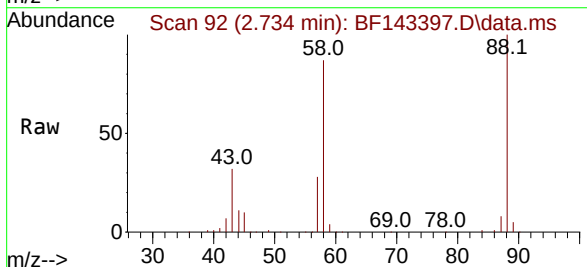
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

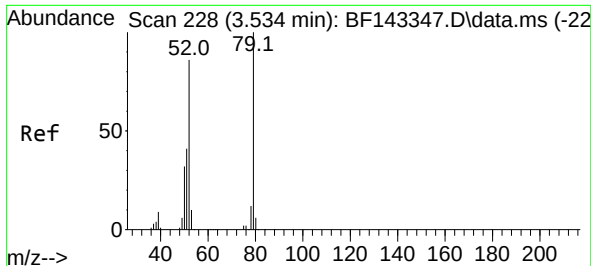
Tgt Ion:152 Resp: 152105
 Ion Ratio Lower Upper
 152 100
 150 157.9 129.8 194.8
 115 59.3 47.8 71.8



#2
 1,4-Dioxane
 Concen: 34.533 ng
 RT: 2.734 min Scan# 92
 Delta R.T. -0.029 min
 Lab File: BF143397.D
 Acq: 14 Aug 2025 22:56

Tgt Ion: 88 Resp: 157177
 Ion Ratio Lower Upper
 88 100
 58 87.0 71.0 106.6
 43 33.1 27.0 40.6

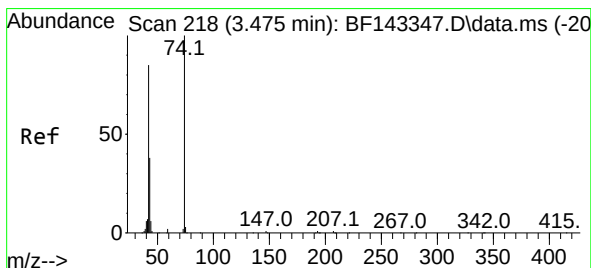
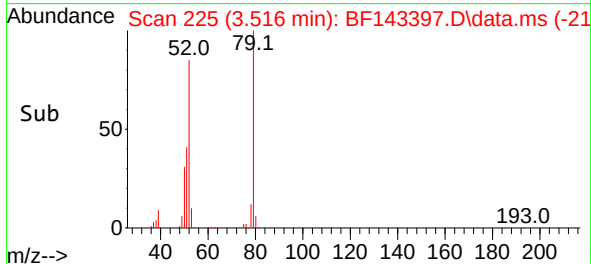
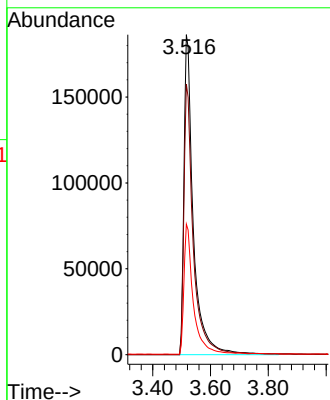
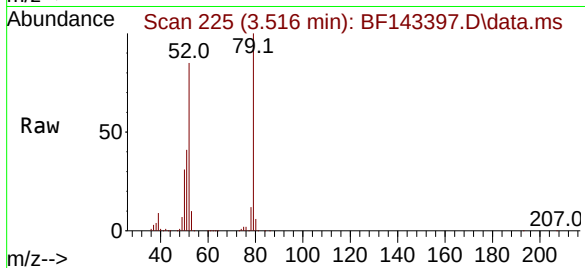




#3
Pyridine
Concen: 34.717 ng
RT: 3.516 min Scan# 215
Delta R.T. -0.018 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

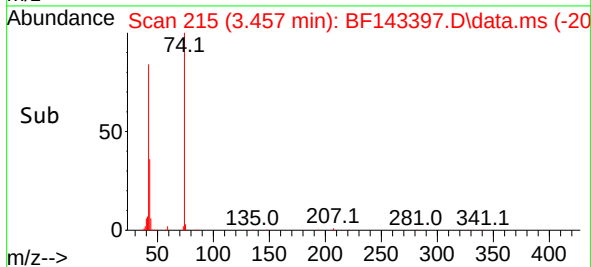
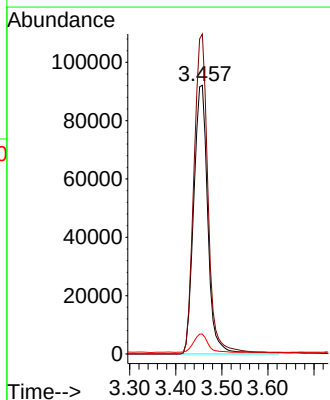
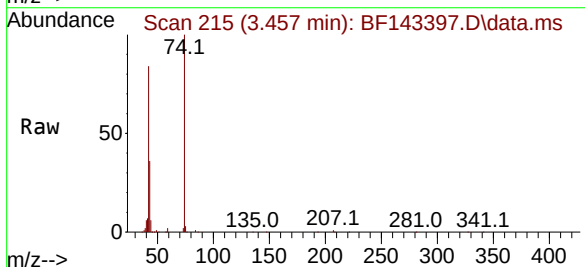
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

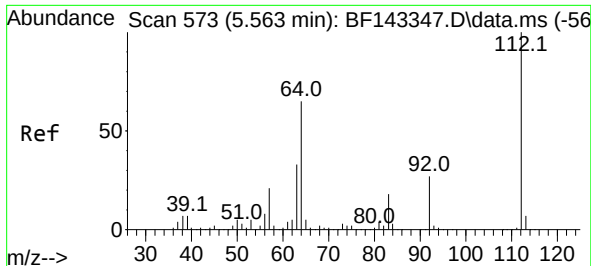
Tgt Ion: 79 Resp: 421075
Ion Ratio Lower Upper
79 100
52 84.5 68.7 103.1
51 40.8 33.4 50.0



#4
n-Nitrosodimethylamine
Concen: 34.645 ng
RT: 3.457 min Scan# 215
Delta R.T. -0.018 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 42 Resp: 195742
Ion Ratio Lower Upper
42 100
74 119.1 94.1 141.1
44 7.4 6.5 9.7

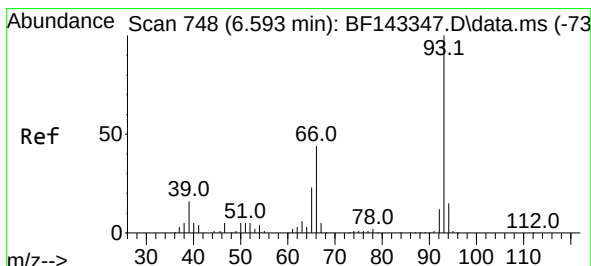
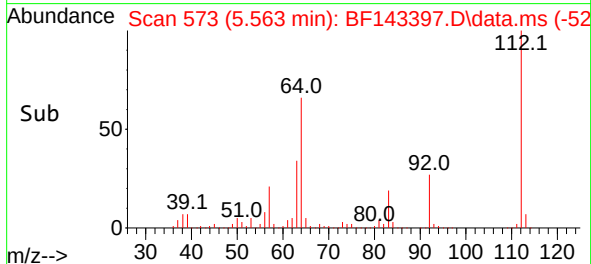
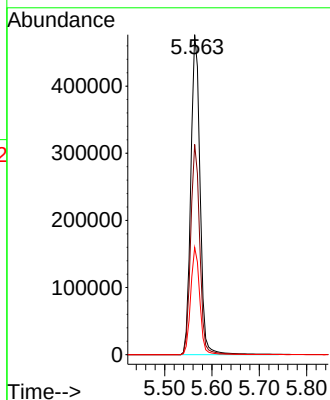
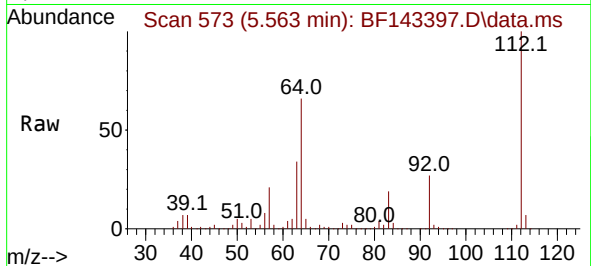




#5
2-Fluorophenol
Concen: 73.205 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

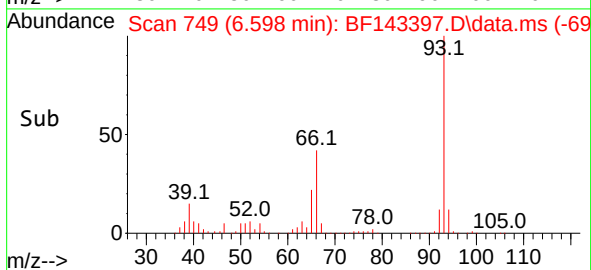
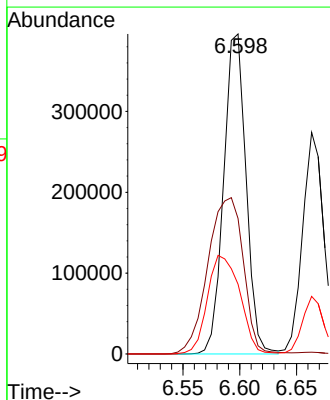
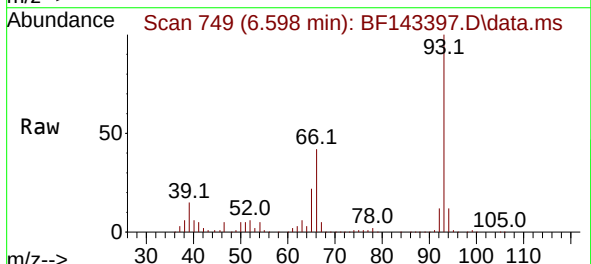
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

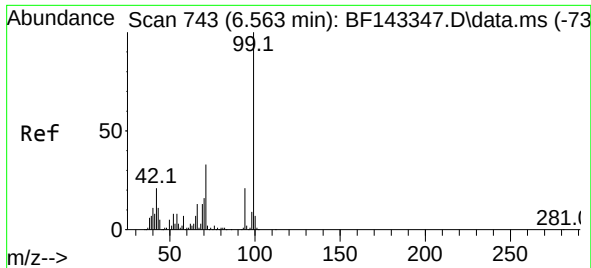
Tgt Ion:112 Resp: 643911
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 33.5 26.6 39.8



#6
Aniline
Concen: 34.171 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 93 Resp: 543387
Ion Ratio Lower Upper
93 100
66 42.4 35.3 52.9
65 21.8 18.2 27.4

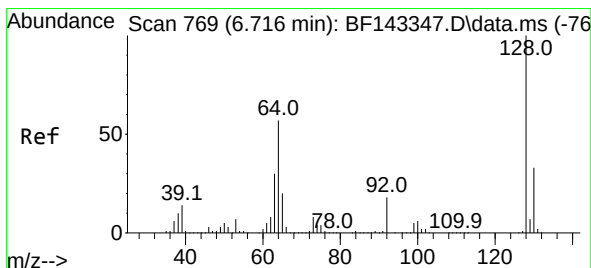
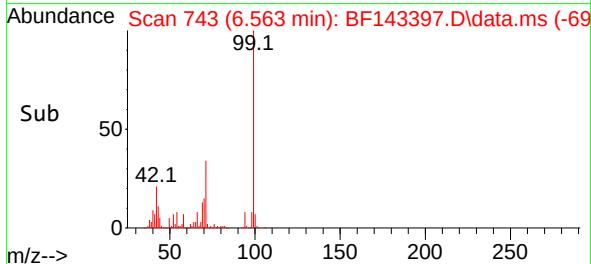
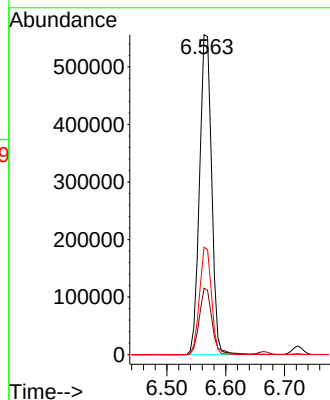
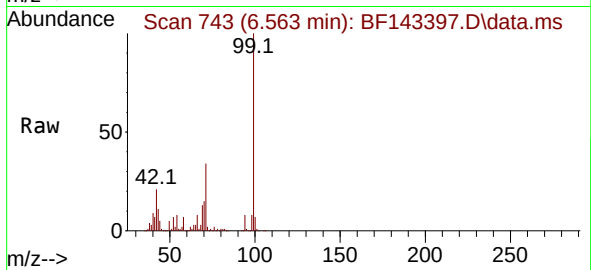




#7
Phenol-d6
Concen: 70.261 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

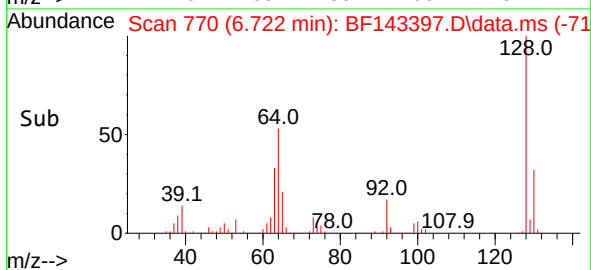
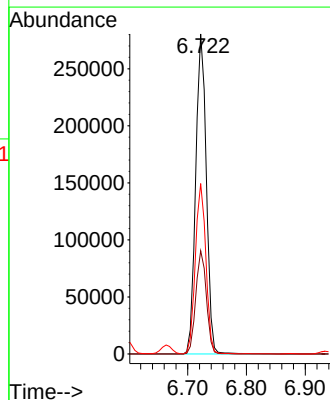
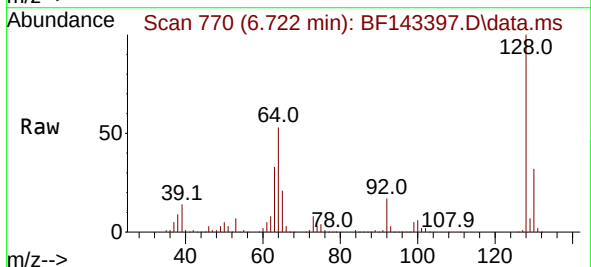
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

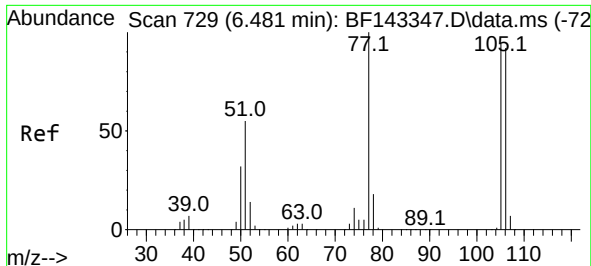
Tgt Ion: 99 Resp: 792527
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 33.6 26.2 39.2



#8
2-Chlorophenol
Concen: 37.322 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 128 Resp: 350779
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 53.3 36.7 76.7

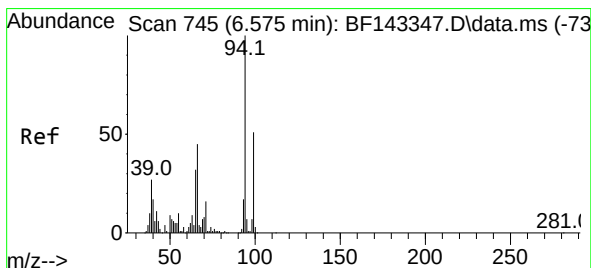
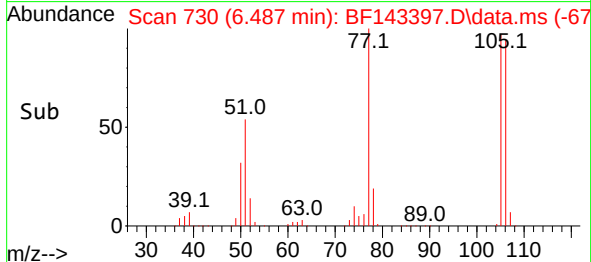
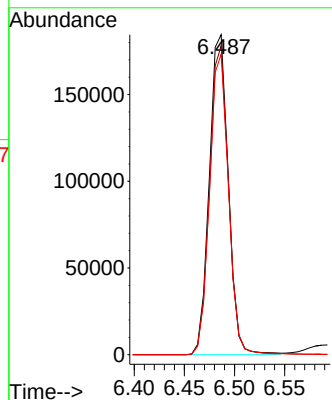
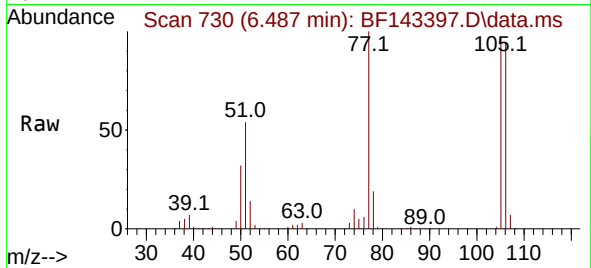




#9
Benzaldehyde
Concen: 32.651 ng
RT: 6.487 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

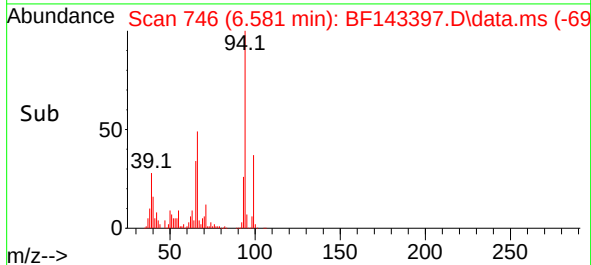
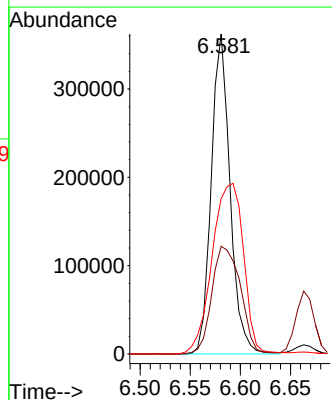
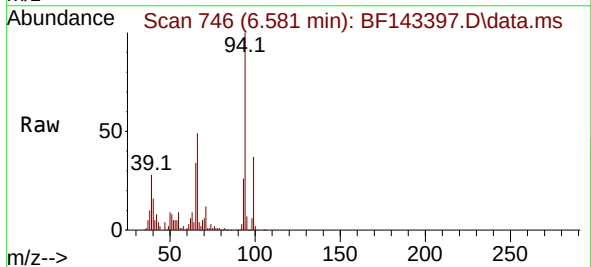
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

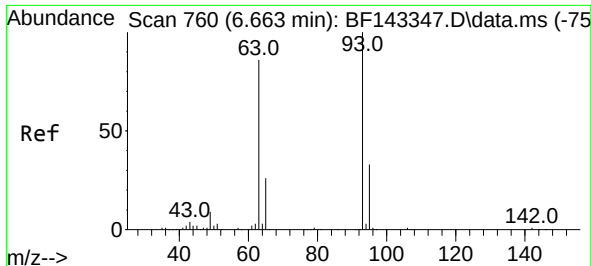
Tgt Ion: 77 Resp: 243421
Ion Ratio Lower Upper
77 100
105 96.5 74.2 114.2
106 93.9 72.2 112.2



#10
Phenol
Concen: 35.396 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 94 Resp: 472975
Ion Ratio Lower Upper
94 100
65 33.6 12.0 52.0
66 48.6 25.6 65.6

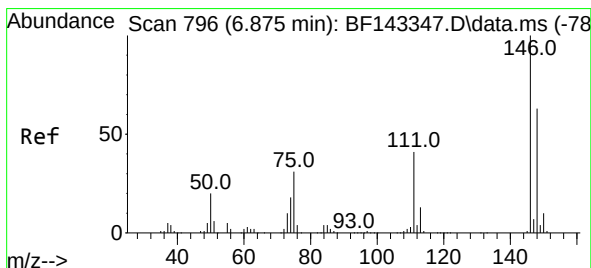
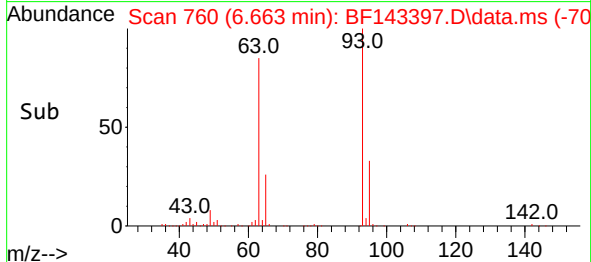
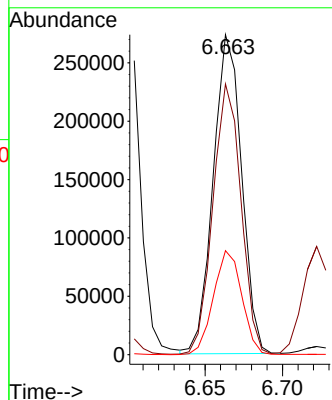
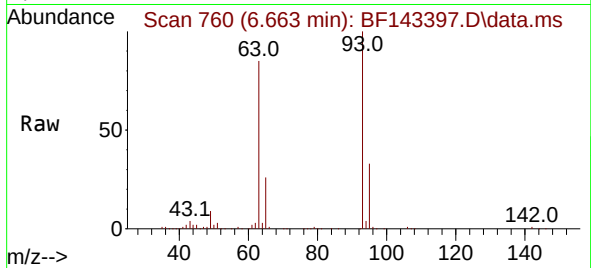




#11
bis(2-Chloroethyl)ether
Concen: 35.405 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

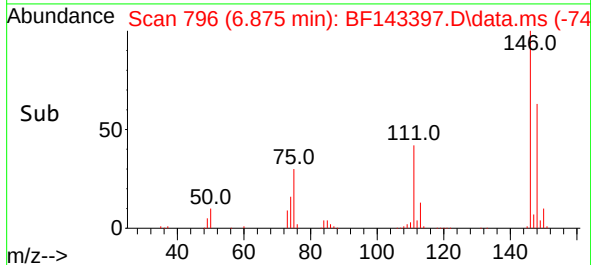
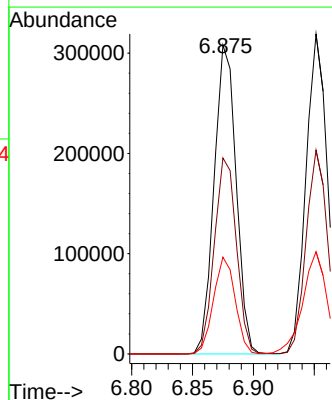
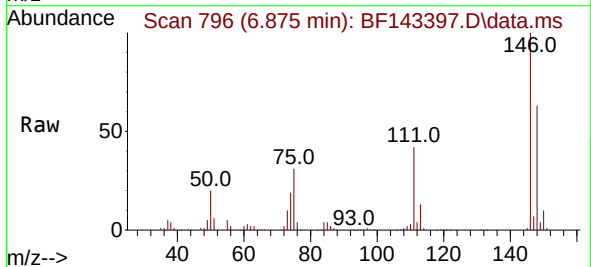
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

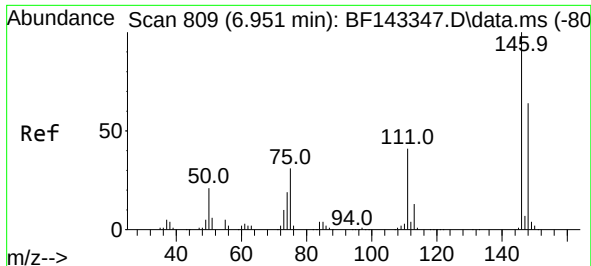
Tgt Ion: 93 Resp: 348679
Ion Ratio Lower Upper
93 100
63 84.6 65.7 105.7
95 32.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 35.839 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 146 Resp: 388534
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 31.3 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 35.936 ng

RT: 6.951 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

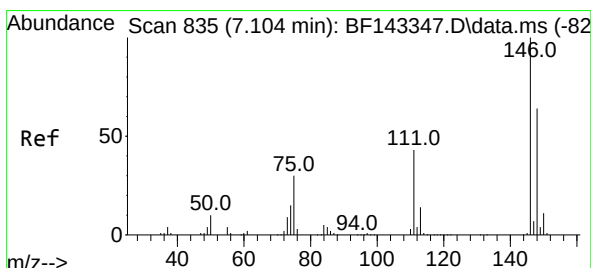
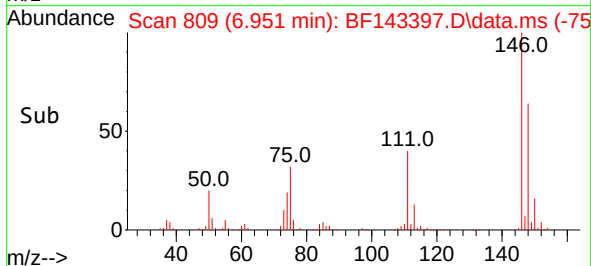
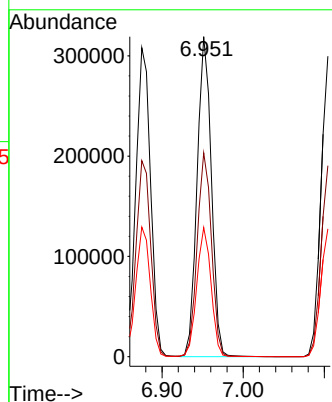
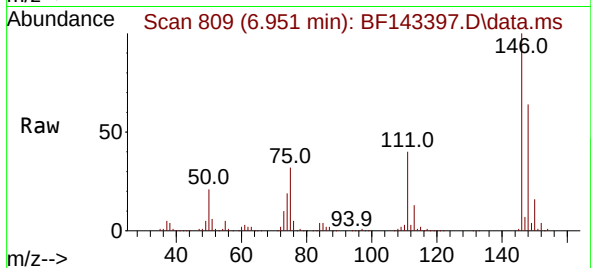
Tgt Ion:146 Resp: 391006

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

111 40.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 35.880 ng

RT: 7.104 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

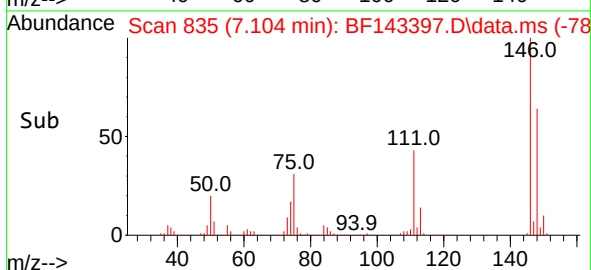
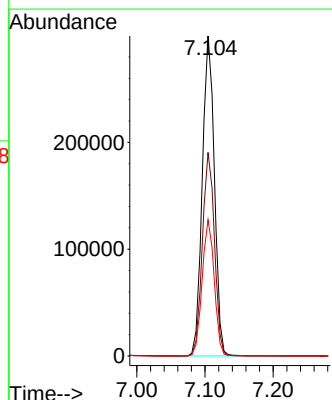
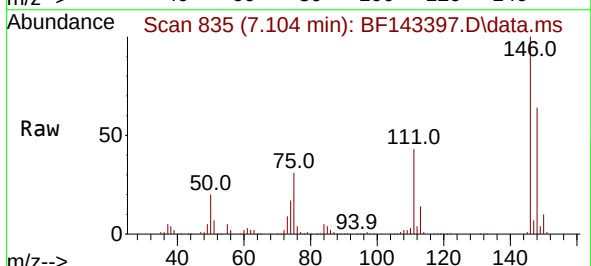
Tgt Ion:146 Resp: 370583

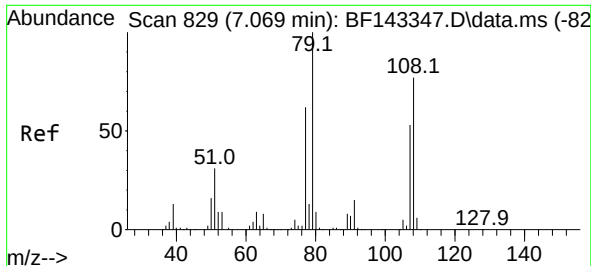
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

111 42.6 34.1 51.1

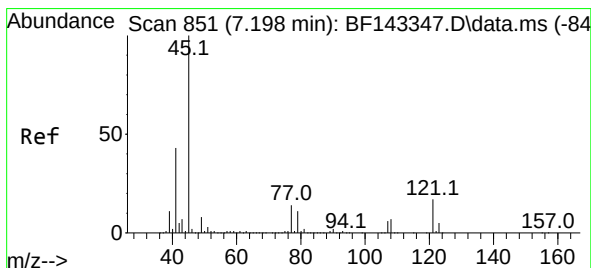
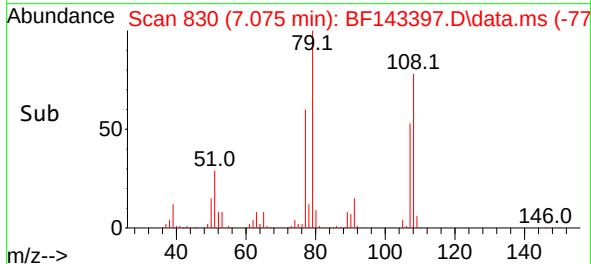
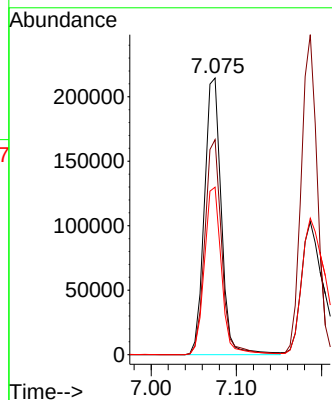
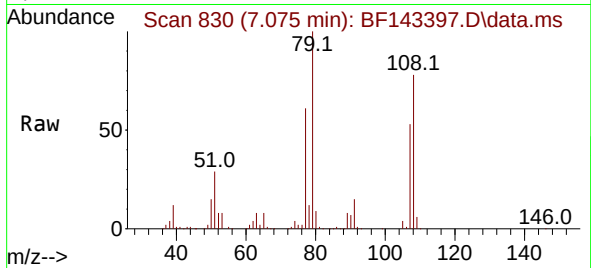




#15
Benzyl Alcohol
Concen: 36.604 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

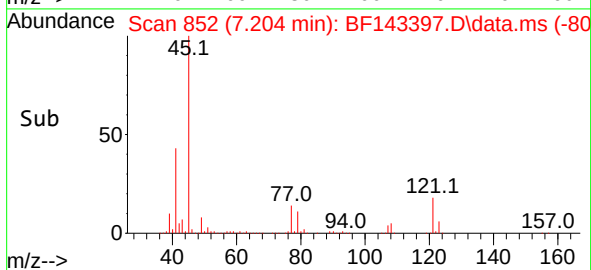
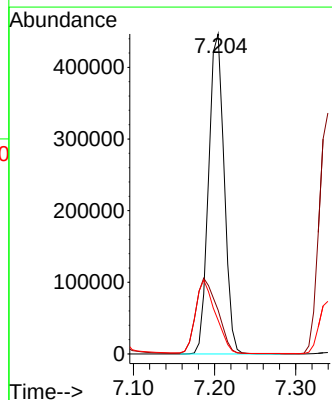
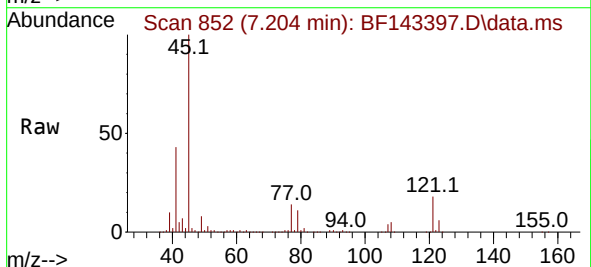
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

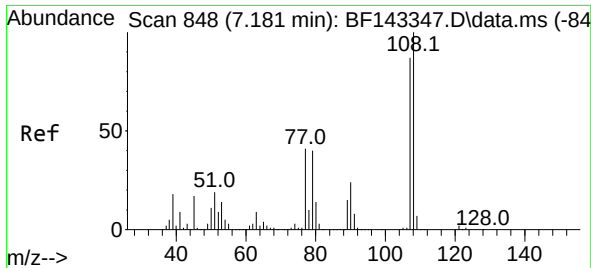
Tgt Ion: 79 Resp: 295961
Ion Ratio Lower Upper
79 100
108 77.7 61.5 92.3
77 60.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.764 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 45 Resp: 593645
Ion Ratio Lower Upper
45 100
77 13.7 0.0 34.0
79 10.6 0.0 31.1

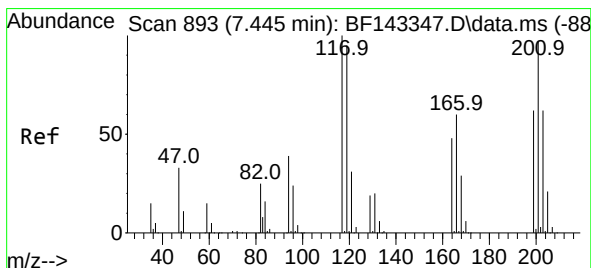
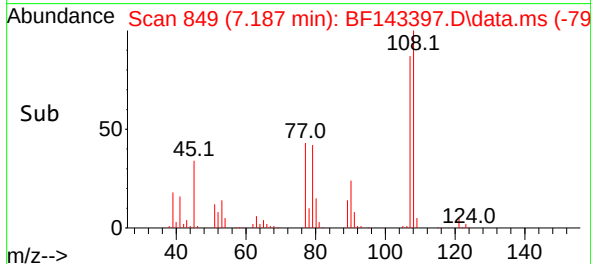
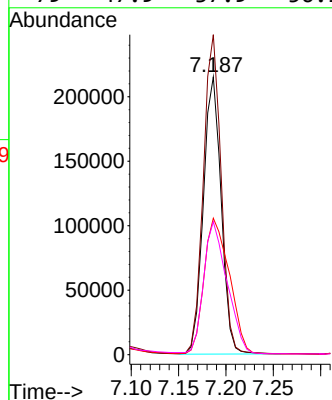
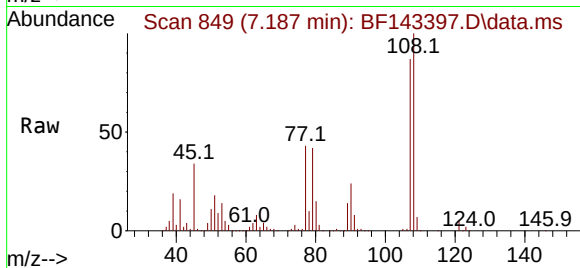




#17
2-Methylphenol
Concen: 35.456 ng
RT: 7.187 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

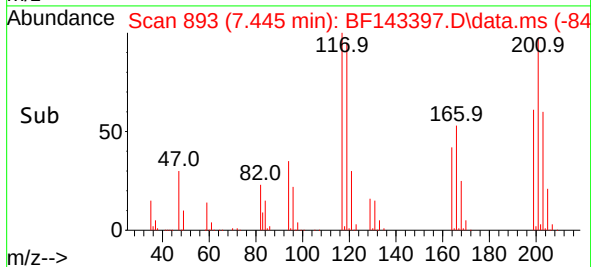
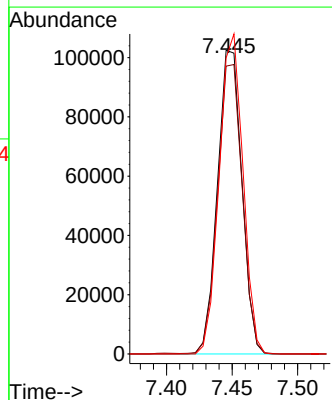
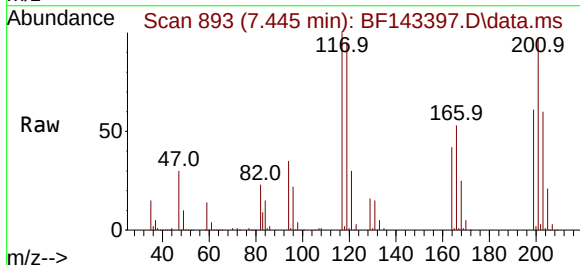
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

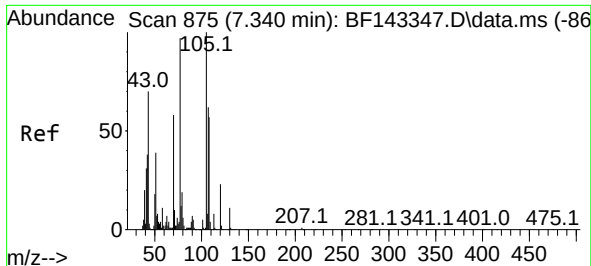
Tgt Ion:	107	Resp:	281294
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.0	138.0
77	49.1	38.2	57.2
79	47.9	37.9	56.9



#18
Hexachloroethane
Concen: 38.942 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:	117	Resp:	132838
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	97.5	77.2	115.8



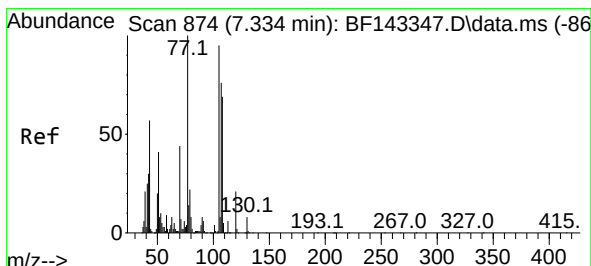
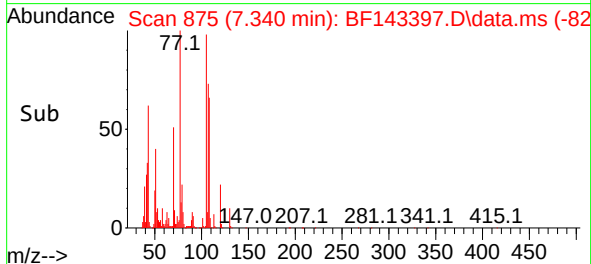
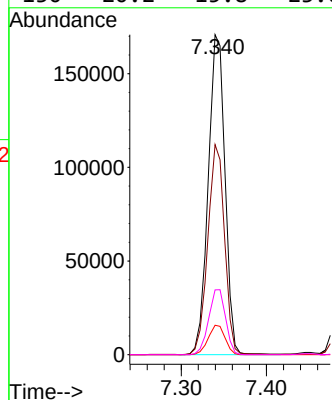
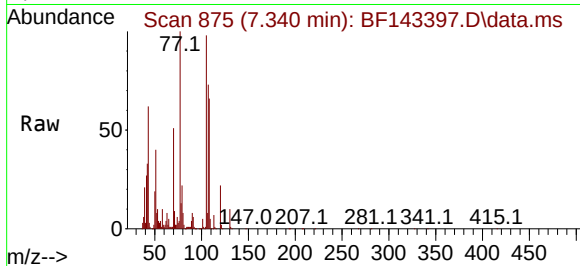


#19
n-Nitroso-di-n-propylamine
Concen: 33.566 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 233943

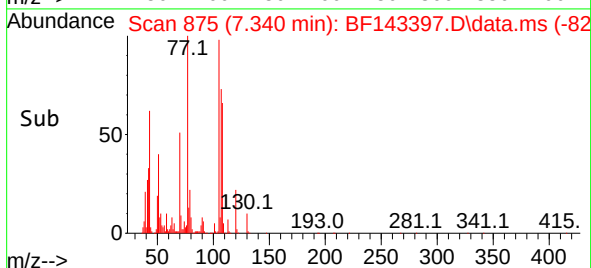
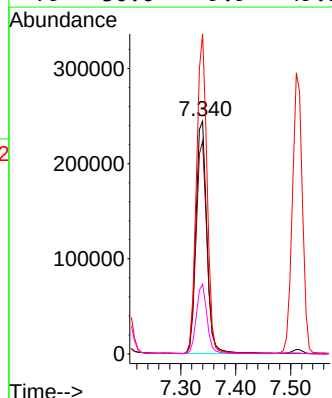
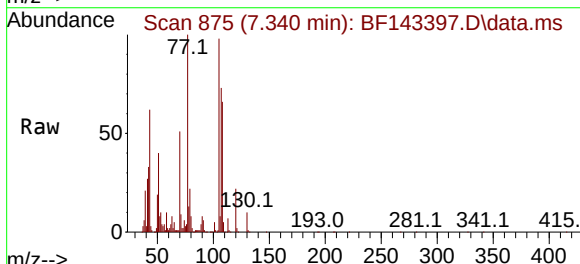
Ion	Ratio	Lower	Upper
70	100		
42	65.7	51.6	77.4
101	9.2	7.5	11.3
130	20.2	15.8	23.6

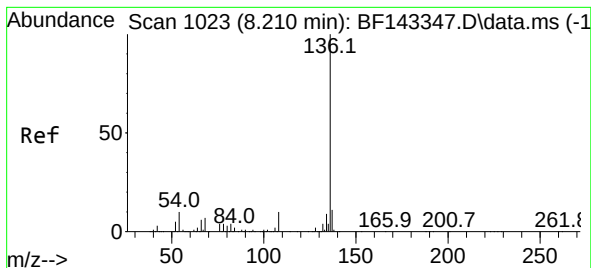


#20
3+4-Methylphenols
Concen: 35.190 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 107 Resp: 337641

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.6	110.6
77	137.5	112.0	152.0
79	30.0	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BF143397.D

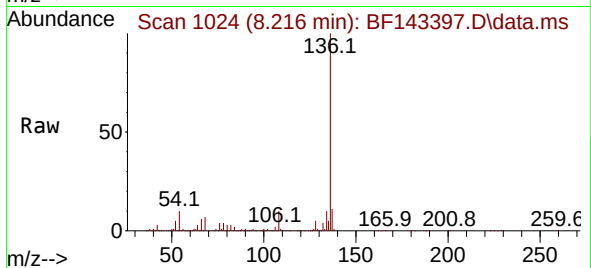
Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:136 Resp: 563232

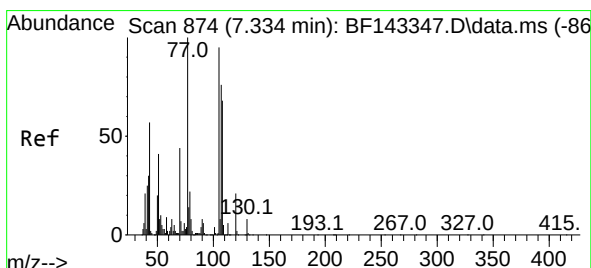
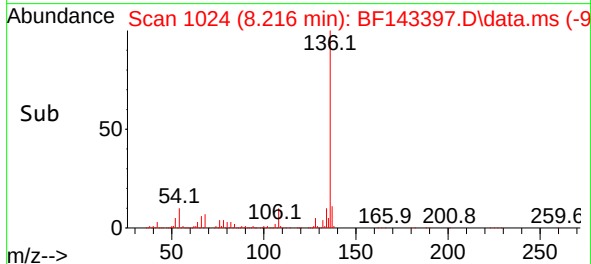
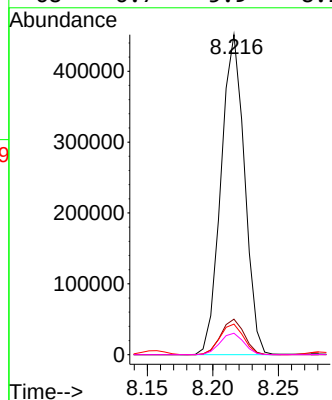
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.6 8.4 12.6

68 6.7 5.9 8.9



#22

Acetophenone

Concen: 34.852 ng

RT: 7.340 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Tgt Ion:105 Resp: 432509

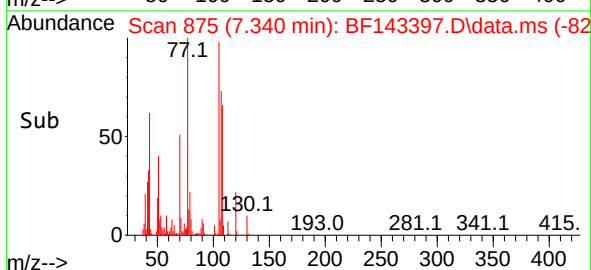
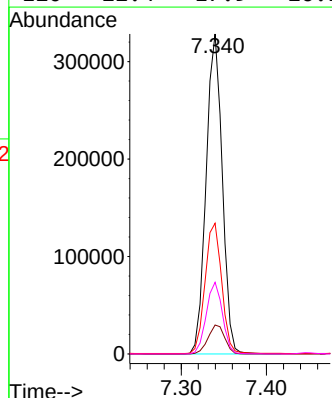
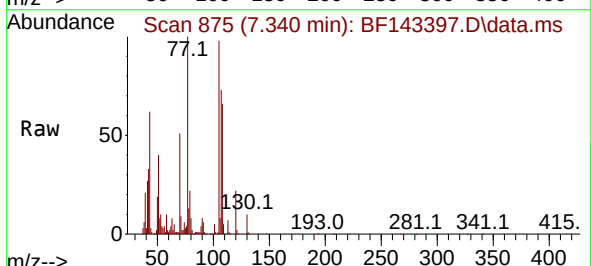
Ion Ratio Lower Upper

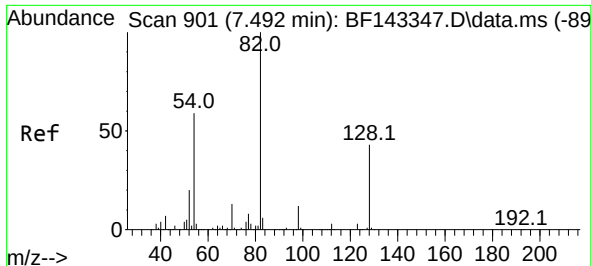
105 100

71 9.0 6.2 9.4

51 40.9 34.8 52.2

120 22.4 17.9 26.9





#23

Nitrobenzene-d5

Concen: 77.681 ng

RT: 7.493 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

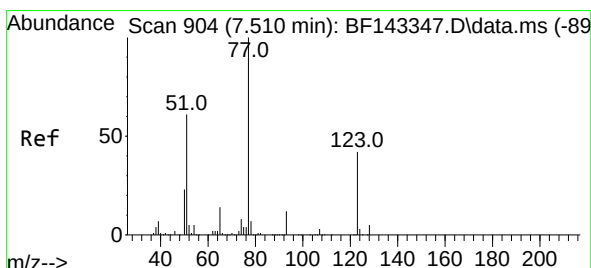
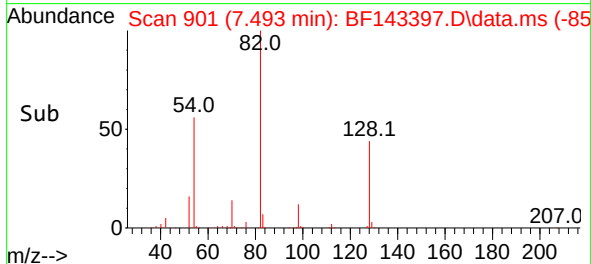
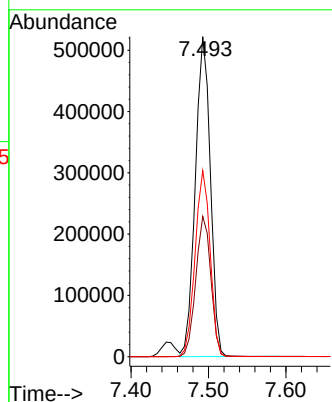
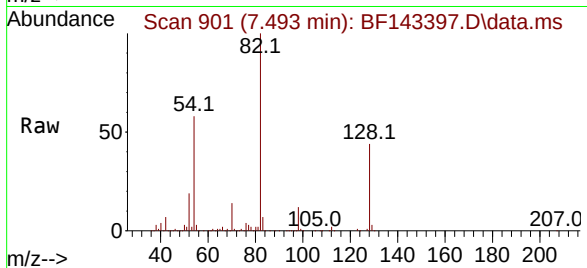
Tgt Ion: 82 Resp: 702587

Ion Ratio Lower Upper

82 100

128 43.9 33.5 50.3

54 58.2 46.7 70.1



#24

Nitrobenzene

Concen: 37.898 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

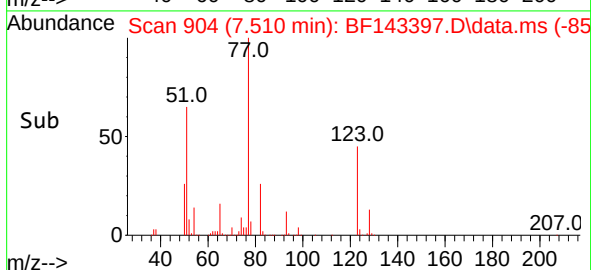
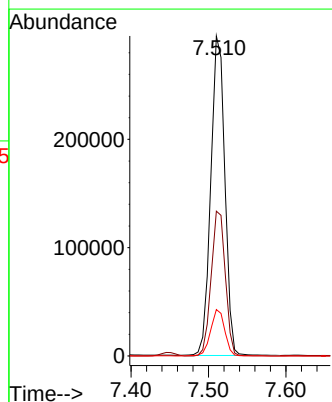
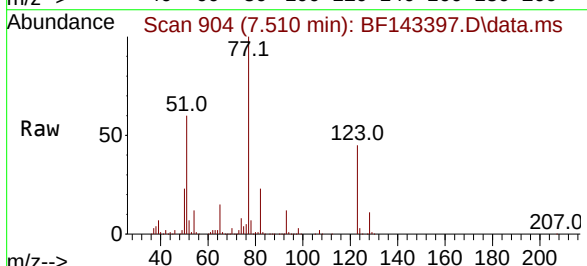
Tgt Ion: 77 Resp: 372258

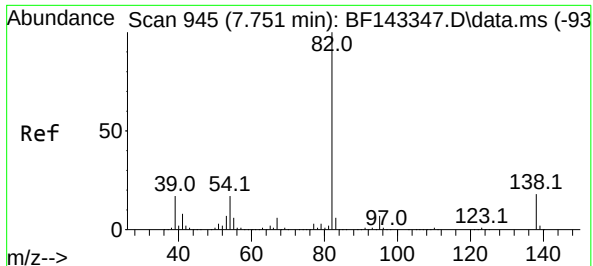
Ion Ratio Lower Upper

77 100

123 45.2 34.8 52.2

65 14.5 11.0 16.6

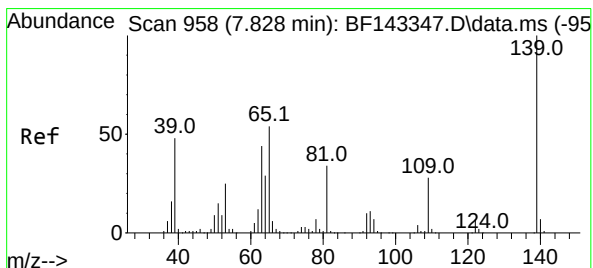
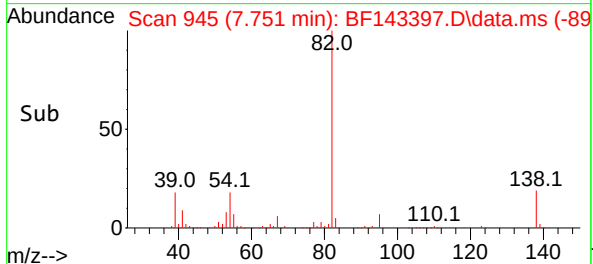
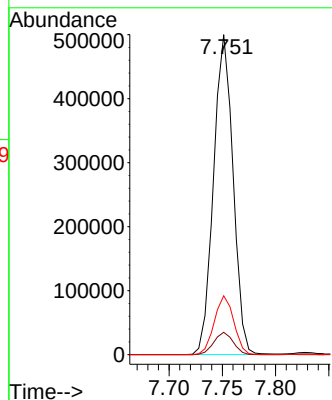
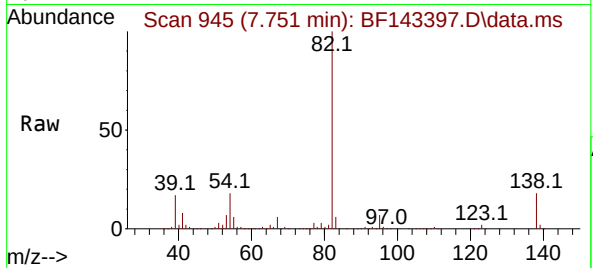




#25
Isophorone
Concen: 34.512 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

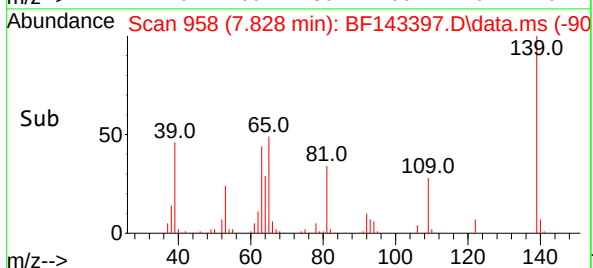
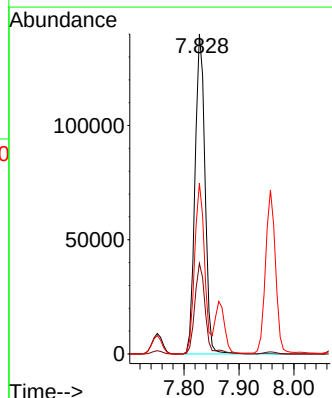
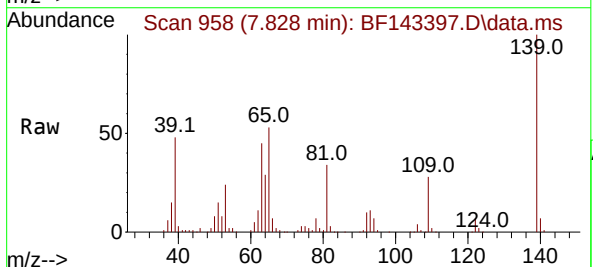
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

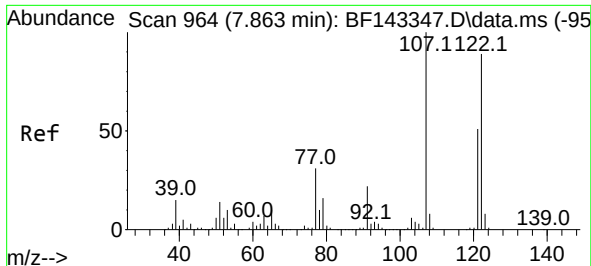
Tgt Ion: 82 Resp: 637222
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 45.217 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 139 Resp: 177089
Ion Ratio Lower Upper
139 100
109 28.3 22.4 33.6
65 53.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 36.232 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

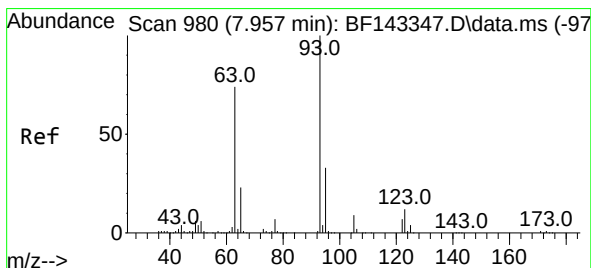
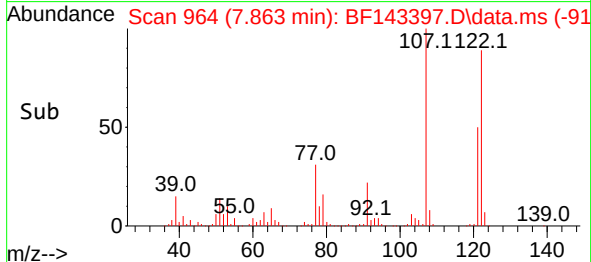
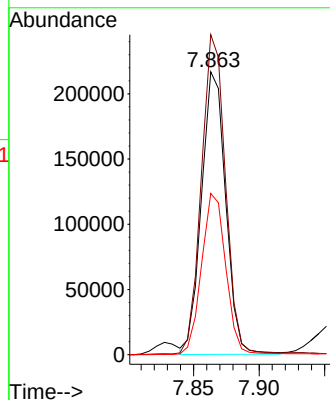
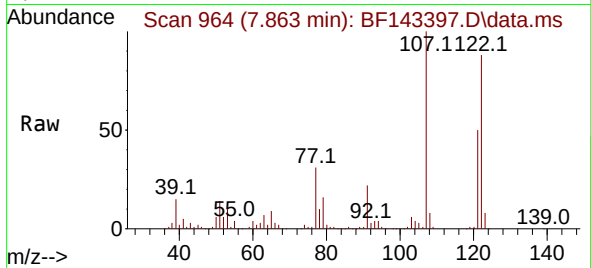
Tgt Ion:122 Resp: 279099

Ion Ratio Lower Upper

122 100

107 113.1 89.9 134.9

121 57.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 35.741 ng

RT: 7.957 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

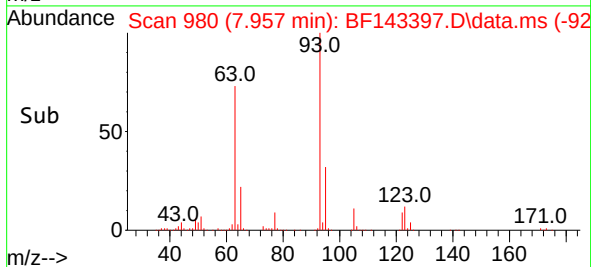
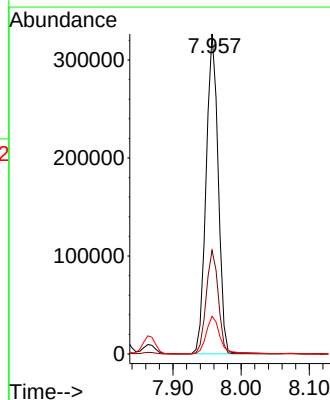
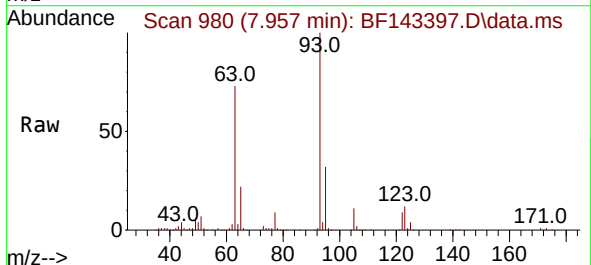
Tgt Ion: 93 Resp: 402907

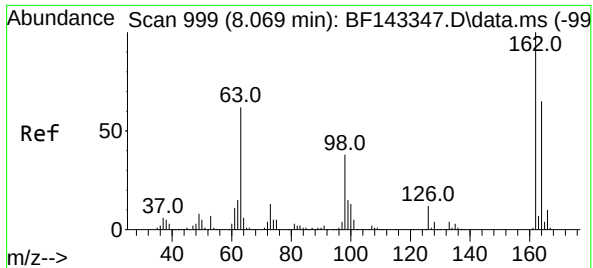
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.8 9.4 14.2

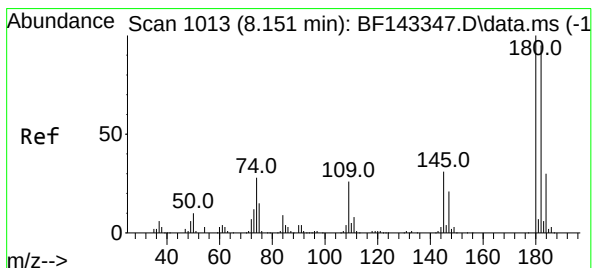
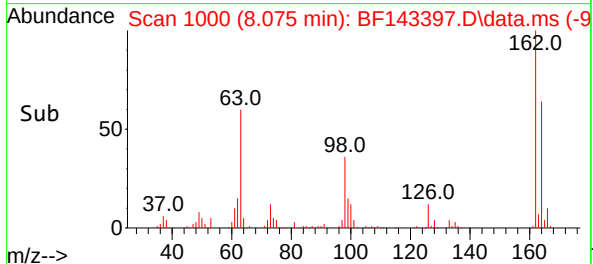
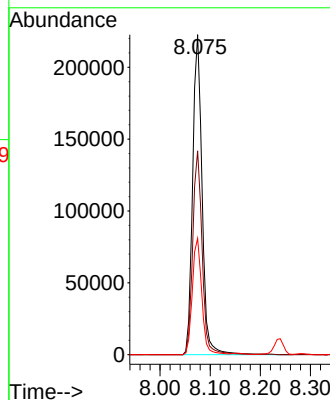
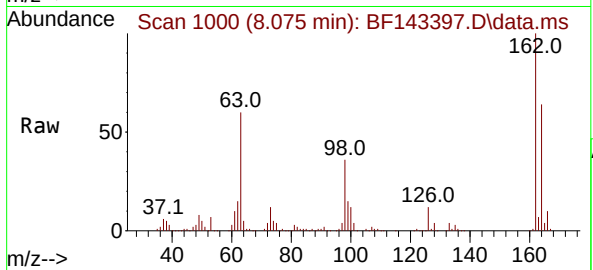




#29
2,4-Dichlorophenol
Concen: 38.587 ng
RT: 8.075 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

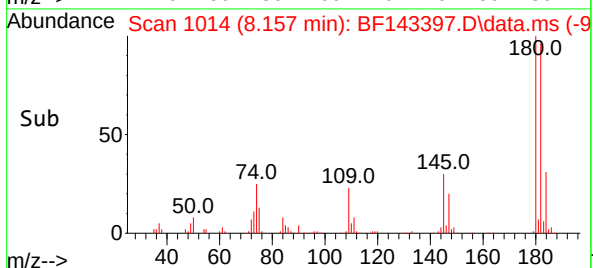
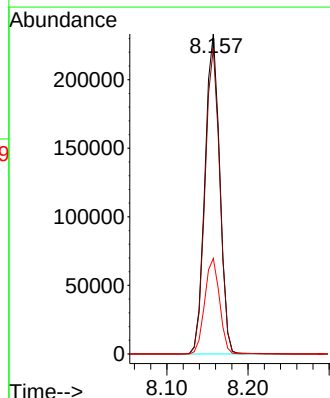
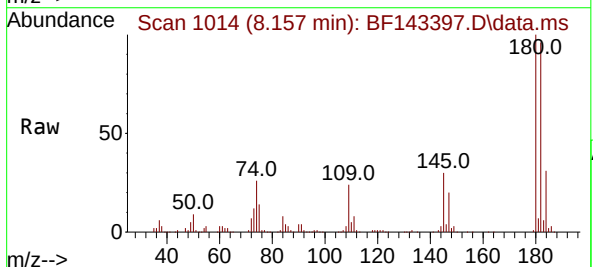
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

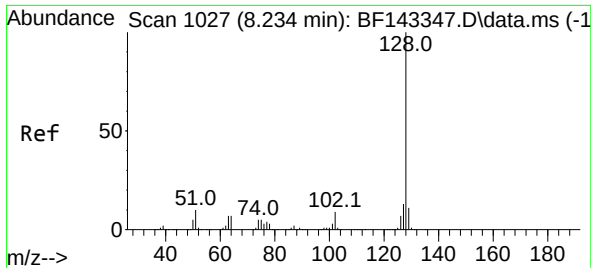
Tgt Ion:162 Resp: 290315
Ion Ratio Lower Upper
162 100
164 63.7 44.5 84.5
98 36.4 17.7 57.7



#30
1,2,4-Trichlorobenzene
Concen: 37.101 ng
RT: 8.157 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:180 Resp: 294443
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
145 29.8 24.9 37.3

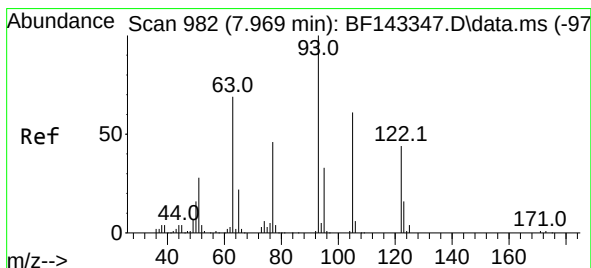
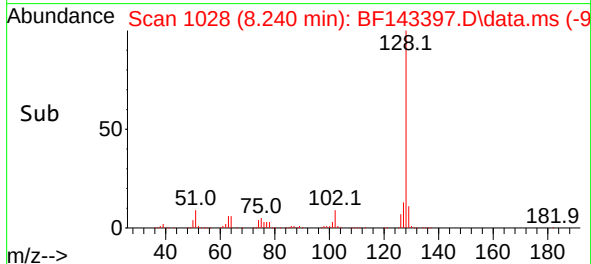
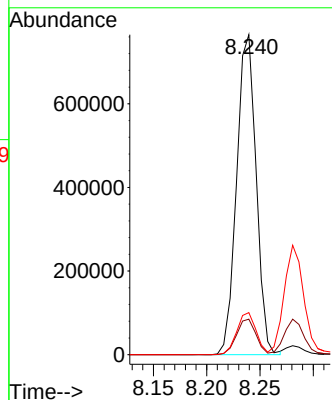
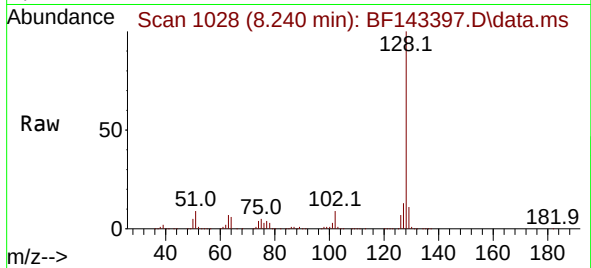




#31
Naphthalene
Concen: 35.988 ng
RT: 8.240 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

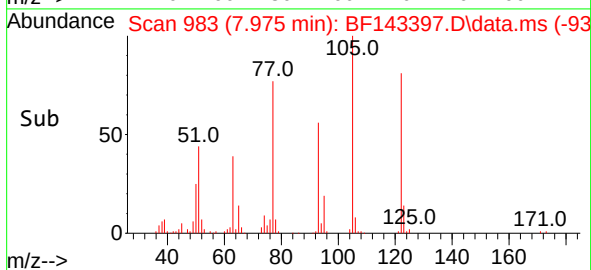
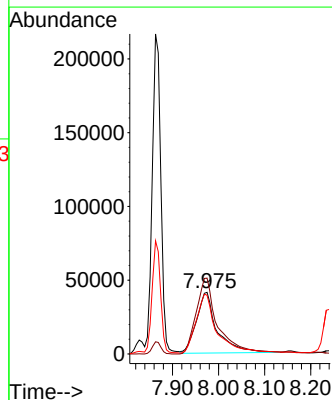
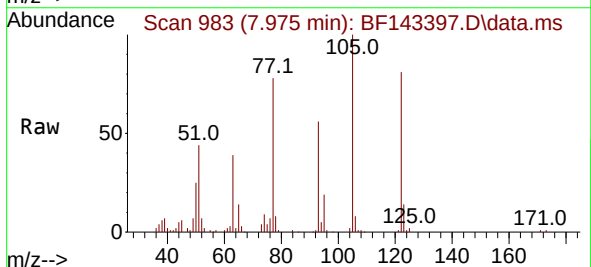
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

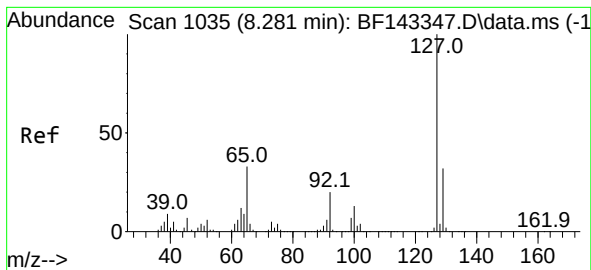
Tgt Ion:128 Resp: 975346
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 40.763 ng
RT: 7.975 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:122 Resp: 128968
Ion Ratio Lower Upper
122 100
105 123.1 106.4 146.4
77 95.5 79.2 119.2





#33

4-Chloroaniline

Concen: 35.380 ng

RT: 8.281 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 345847

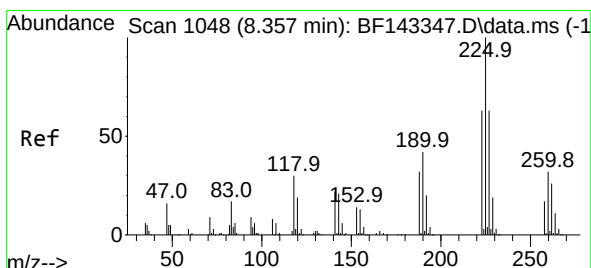
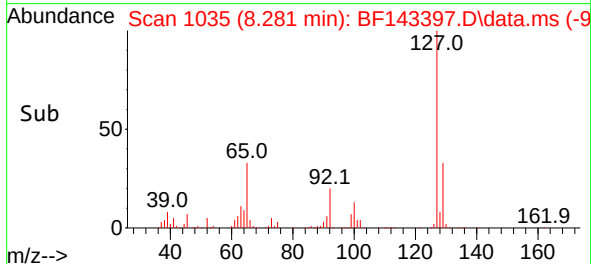
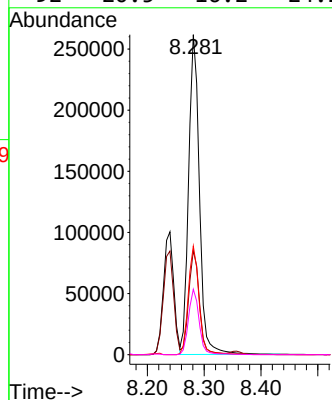
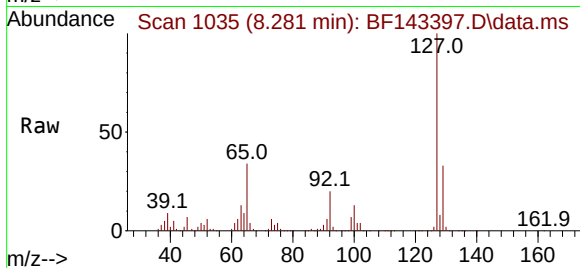
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 34.0 27.0 40.4

92 20.5 16.2 24.2



#34

Hexachlorobutadiene

Concen: 38.848 ng

RT: 8.357 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

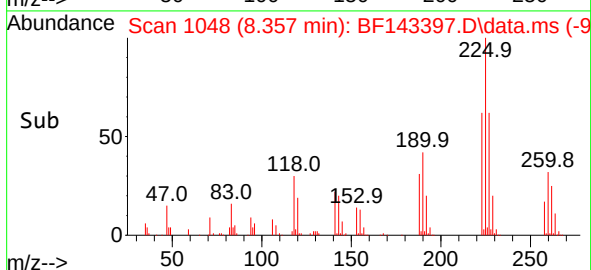
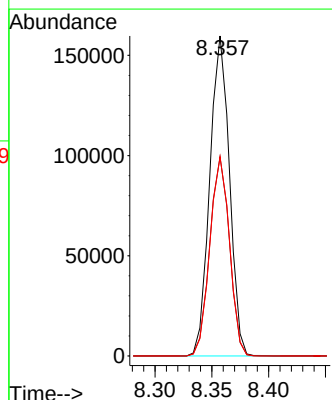
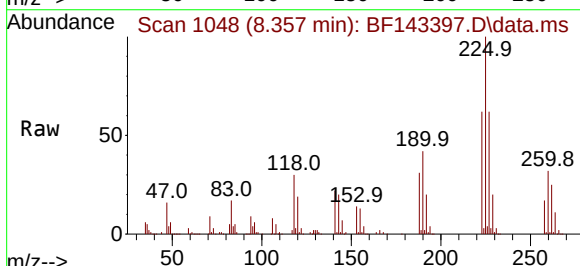
Tgt Ion:225 Resp: 191788

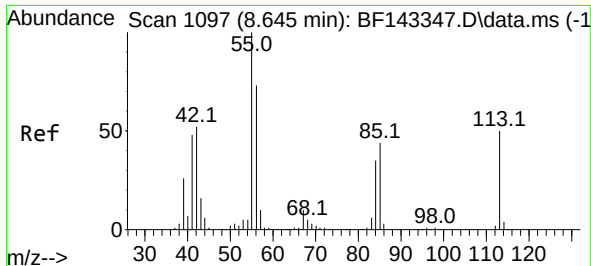
Ion Ratio Lower Upper

225 100

223 62.2 50.1 75.1

227 62.2 50.6 75.8

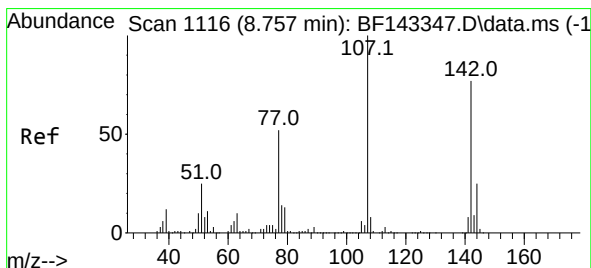
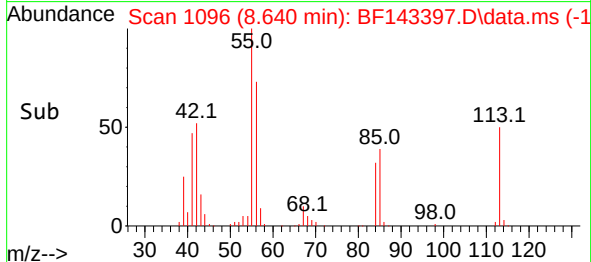
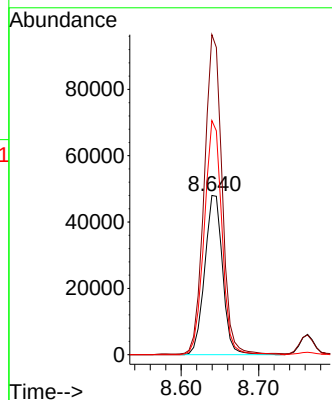
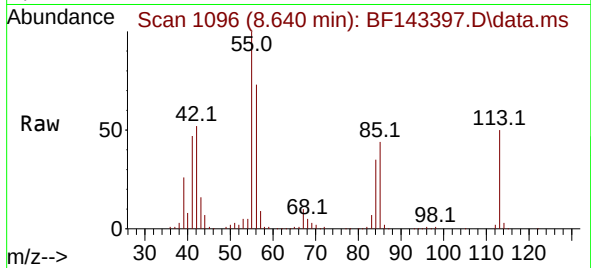




#35
 Caprolactam
 Concen: 36.300 ng
 RT: 8.640 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143397.D
 Acq: 14 Aug 2025 22:56

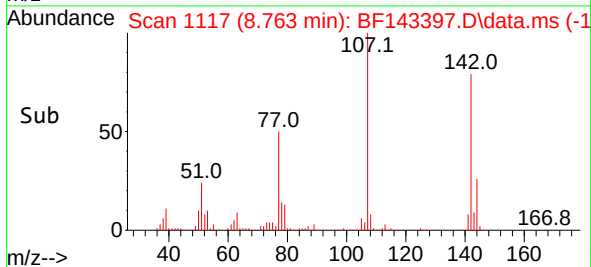
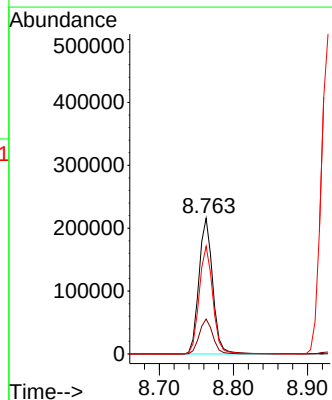
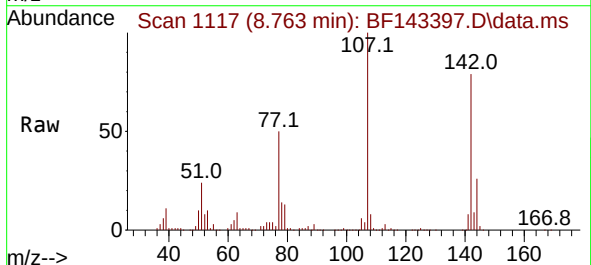
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

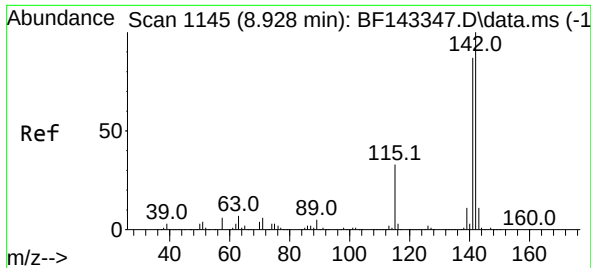
Tgt Ion:113 Resp: 76776
 Ion Ratio Lower Upper
 113 100
 55 201.0 181.4 221.4
 56 147.1 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 35.367 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143397.D
 Acq: 14 Aug 2025 22:56

Tgt Ion:107 Resp: 278956
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 79.4 61.3 91.9





#37

2-Methylnaphthalene

Concen: 35.329 ng

RT: 8.928 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

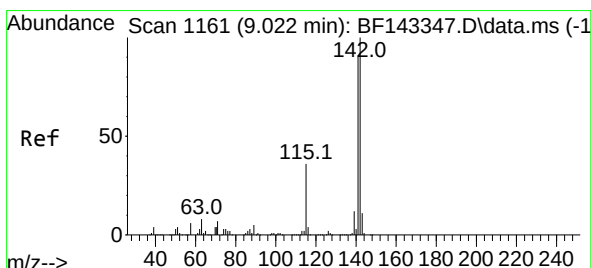
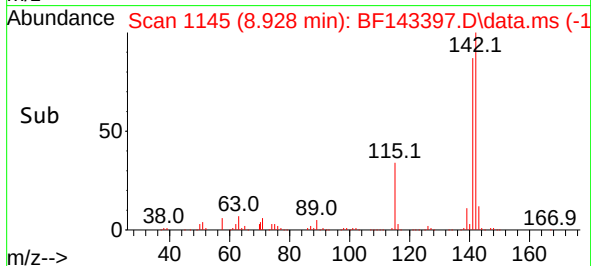
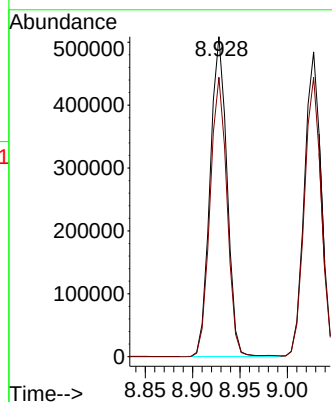
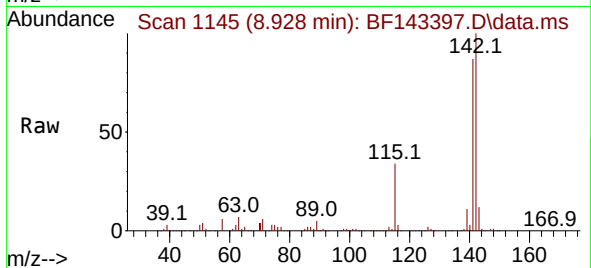
SSTDCCC040EC

Tgt Ion:142 Resp: 629467

Ion Ratio Lower Upper

142 100

141 87.3 69.8 104.8



#38

1-Methylnaphthalene

Concen: 34.624 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF143397.D

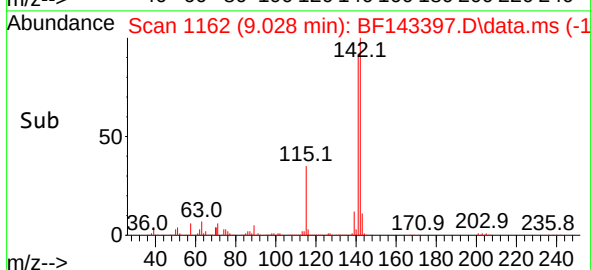
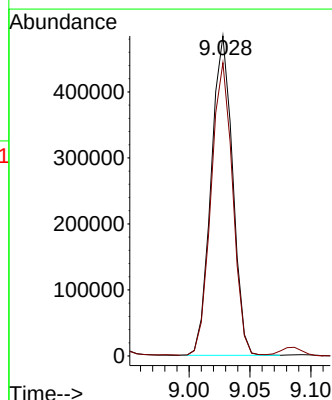
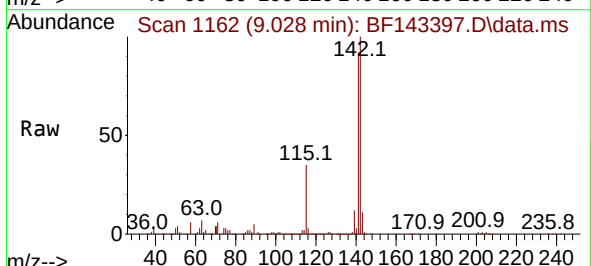
Acq: 14 Aug 2025 22:56

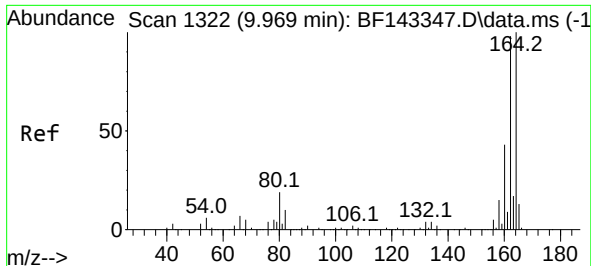
Tgt Ion:142 Resp: 594152

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

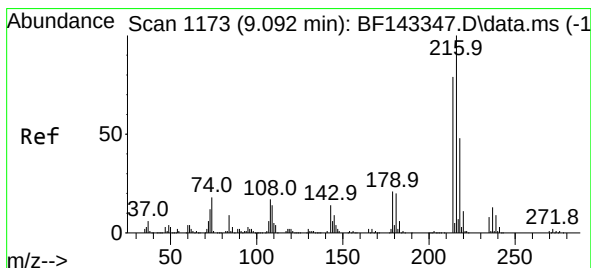
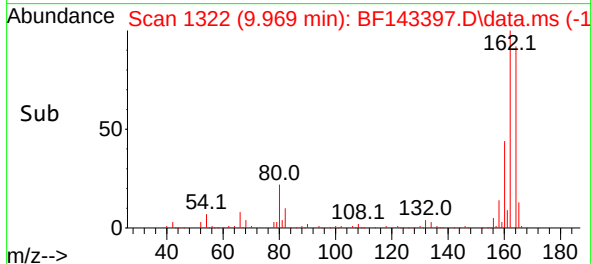
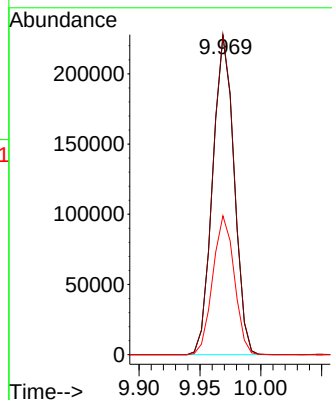
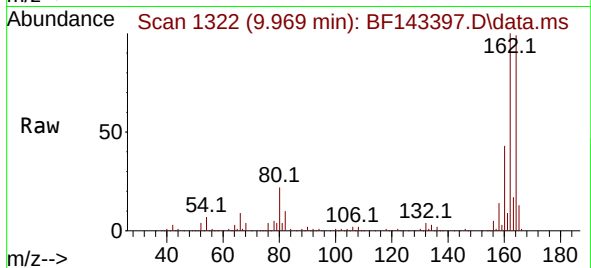
Tgt Ion:164 Resp: 277841

Ion Ratio Lower Upper

164 100

162 100.5 78.6 118.0

160 43.6 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.695 ng

RT: 9.098 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Tgt Ion:216 Resp: 294195

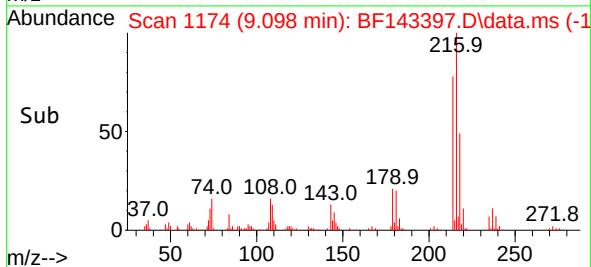
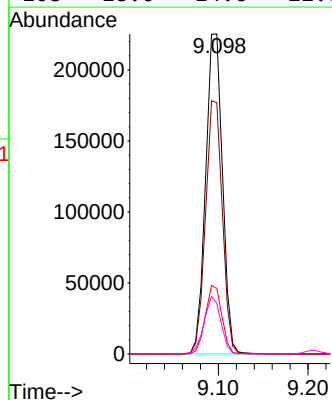
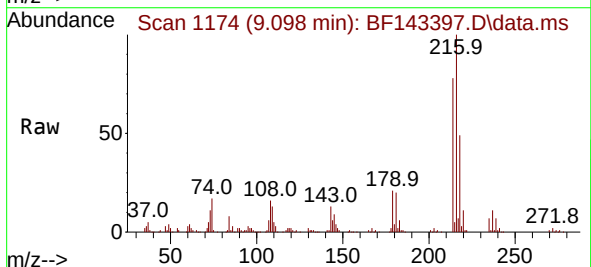
Ion Ratio Lower Upper

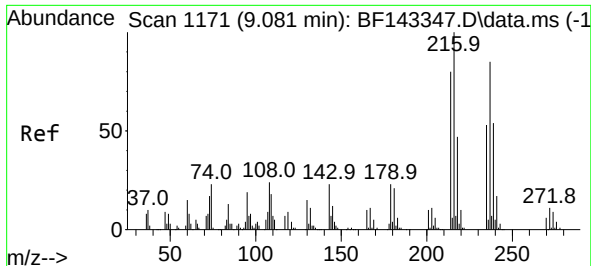
216 100

214 78.8 63.0 94.4

179 20.9 17.0 25.4

108 18.0 14.6 22.0

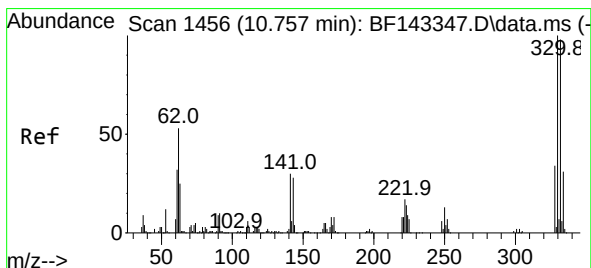
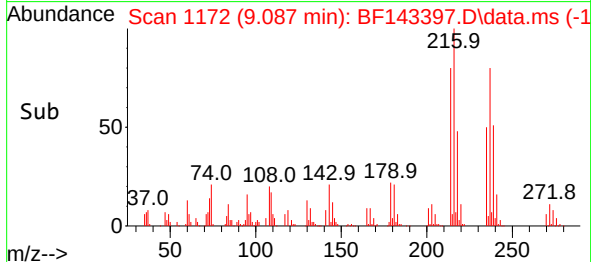
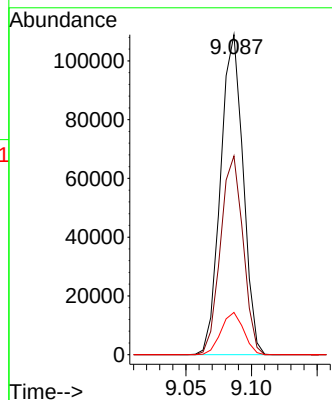
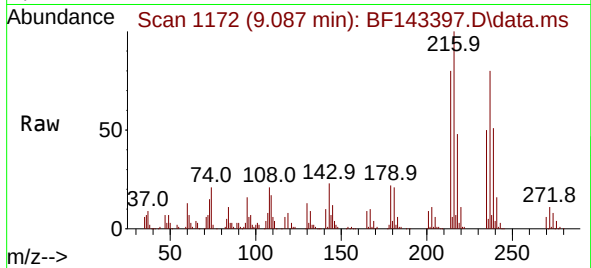




#41
Hexachlorocyclopentadiene
Concen: 51.058 ng
RT: 9.087 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

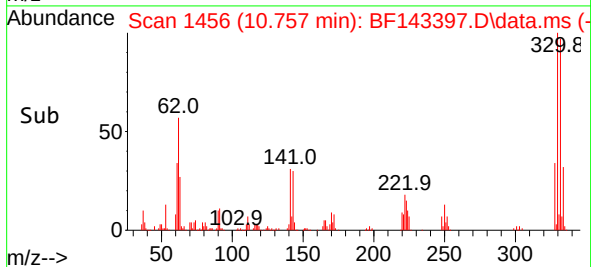
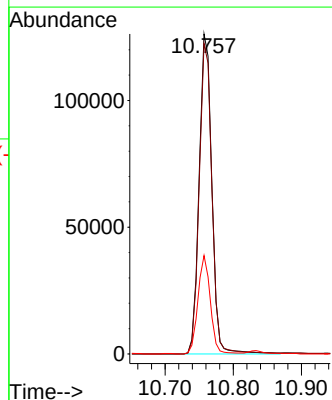
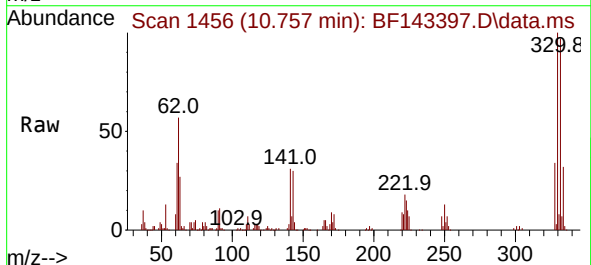
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

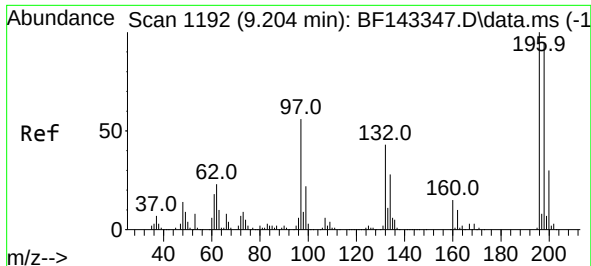
Tgt Ion:237 Resp: 129924
Ion Ratio Lower Upper
237 100
235 62.1 42.0 82.0
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 80.730 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:330 Resp: 163924
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 29.9 25.4 38.0

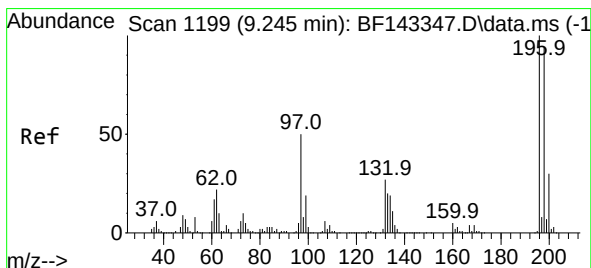
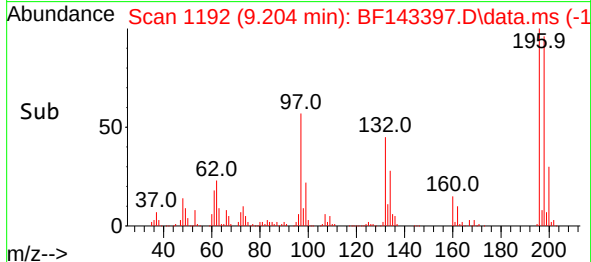
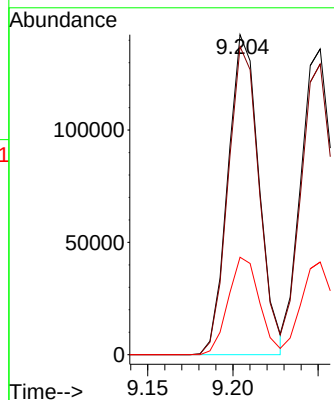
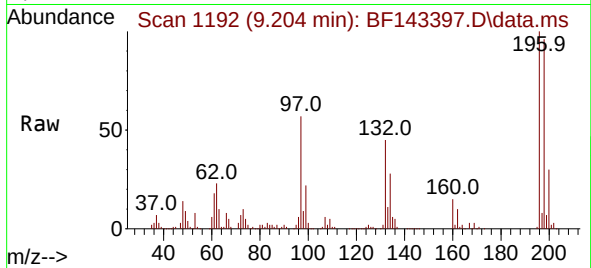




#43
2,4,6-Trichlorophenol
Concen: 41.879 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

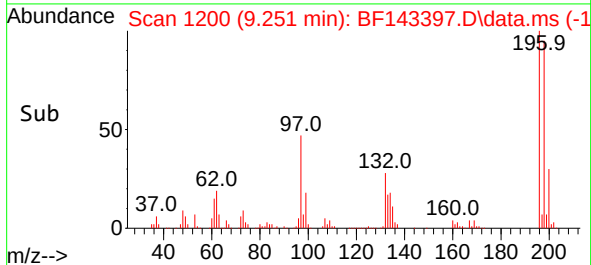
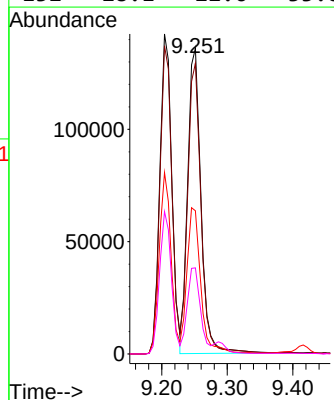
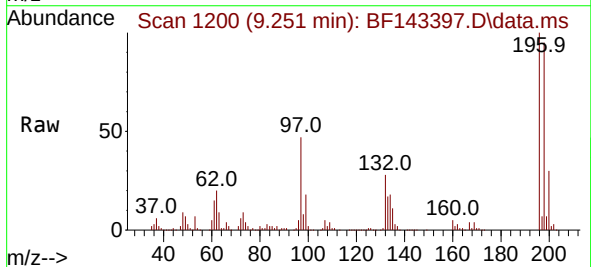
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

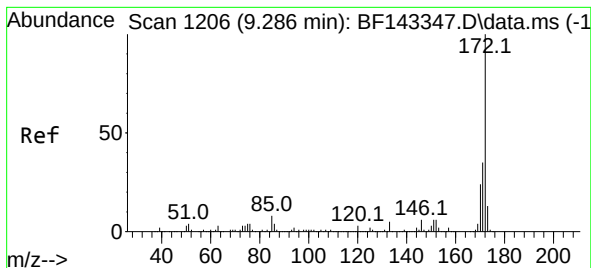
Tgt Ion:196 Resp: 180656
Ion Ratio Lower Upper
196 100
198 96.3 75.4 113.0
200 30.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 39.313 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:196 Resp: 191510
Ion Ratio Lower Upper
196 100
198 95.1 75.4 113.2
97 46.8 39.9 59.9
132 28.1 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 74.656 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

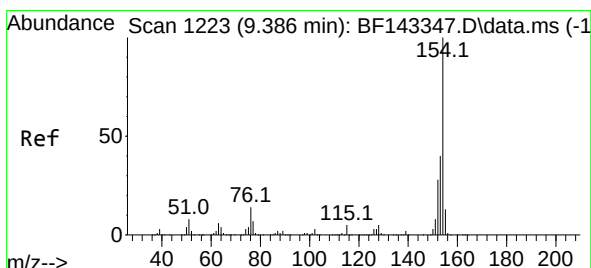
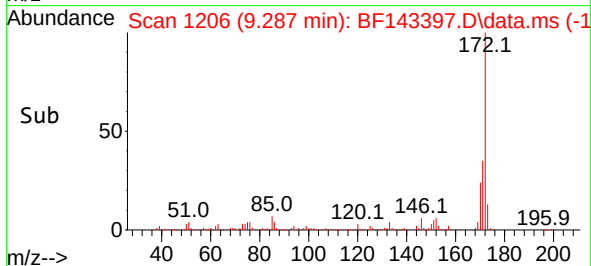
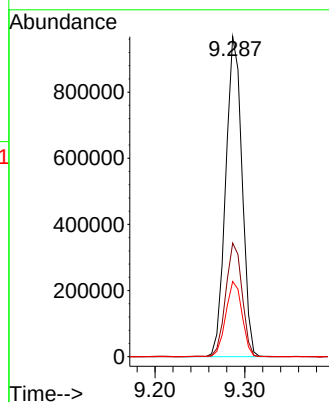
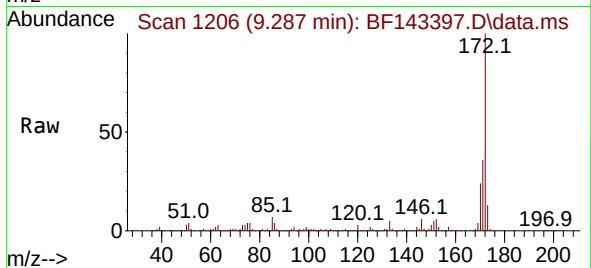
Tgt Ion:172 Resp: 1223203

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 37.371 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

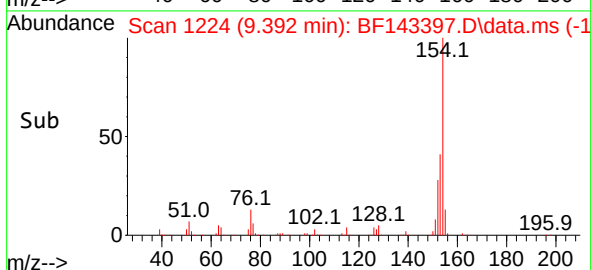
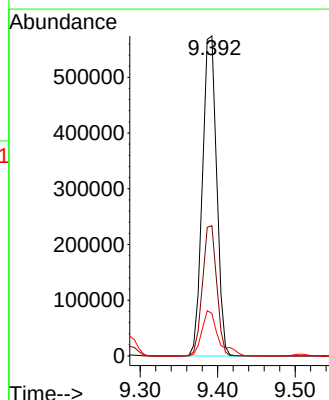
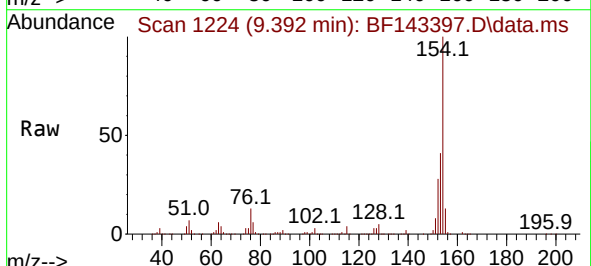
Tgt Ion:154 Resp: 734155

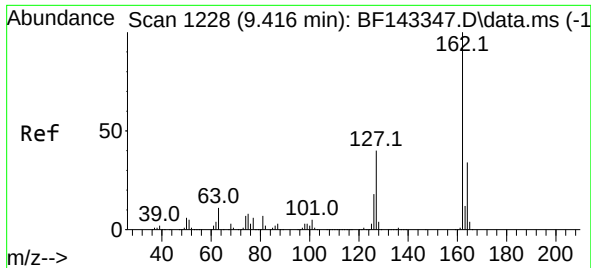
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 13.3 0.0 34.4

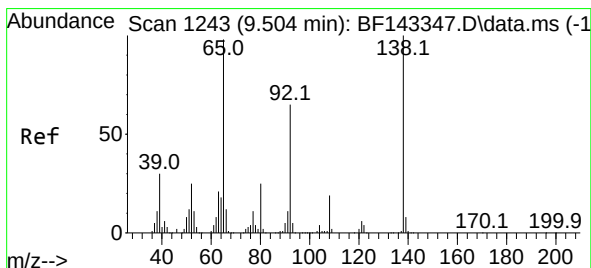
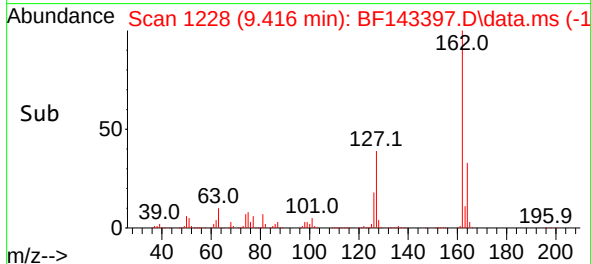
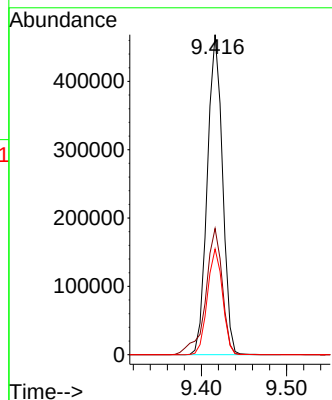
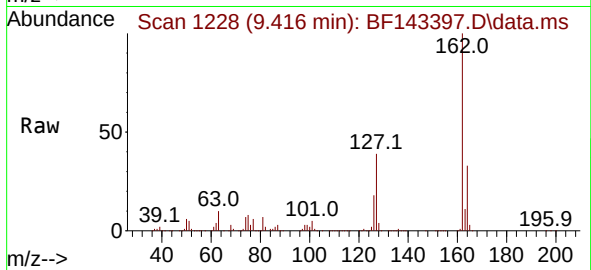




#47
2-Chloronaphthalene
Concen: 37.462 ng
RT: 9.416 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

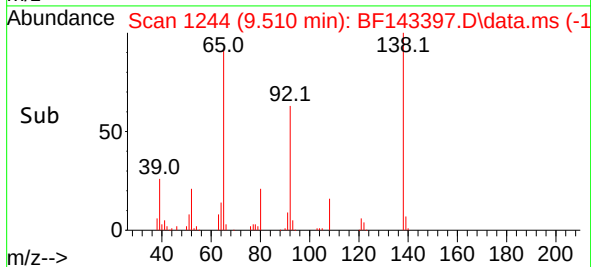
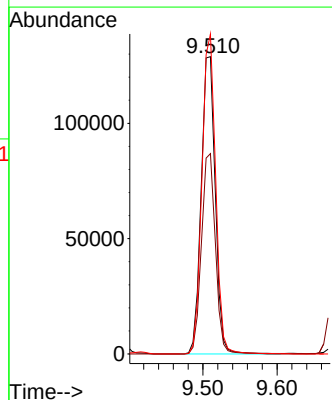
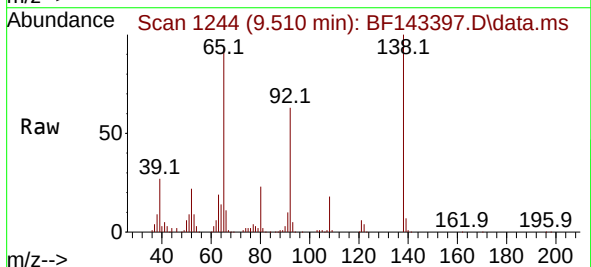
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

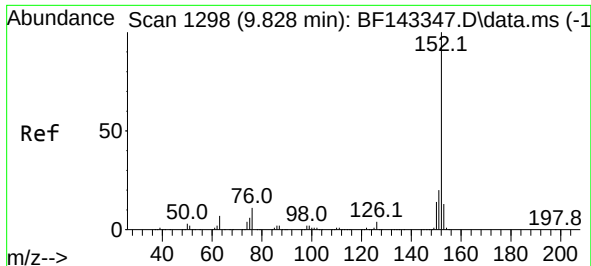
Tgt Ion:162 Resp: 579598
Ion Ratio Lower Upper
162 100
127 39.5 32.1 48.1
164 33.0 27.0 40.4



#48
2-Nitroaniline
Concen: 38.817 ng
RT: 9.510 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion: 65 Resp: 170708
Ion Ratio Lower Upper
65 100
92 67.4 53.1 79.7
138 107.6 81.4 122.0

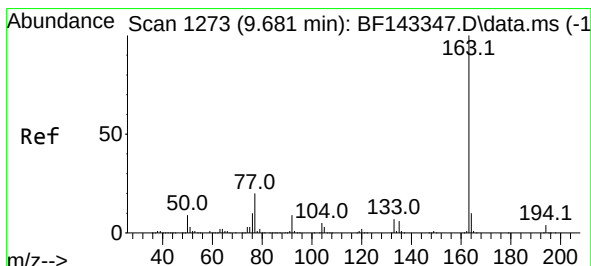
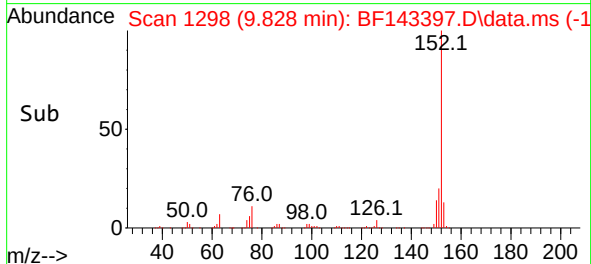
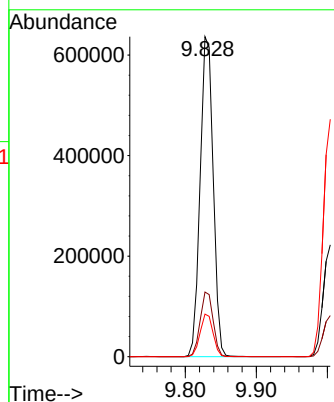
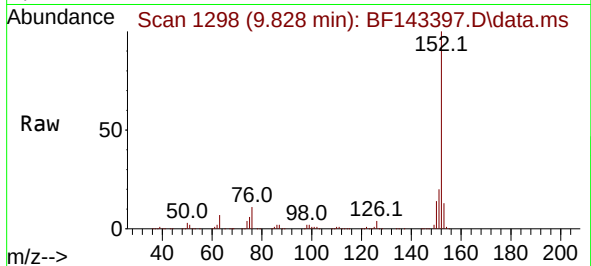




#49
Acenaphthylene
Concen: 36.573 ng
RT: 9.828 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

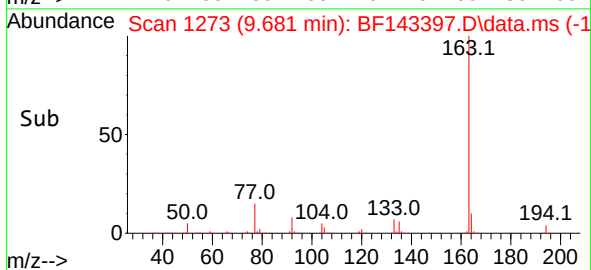
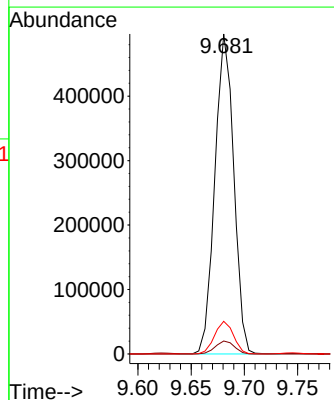
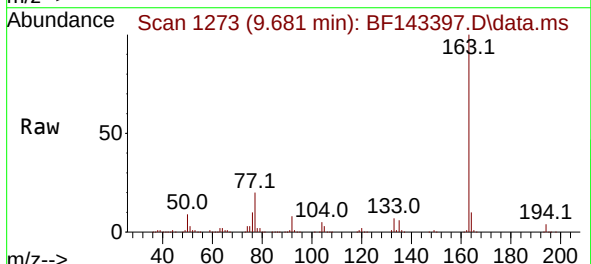
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

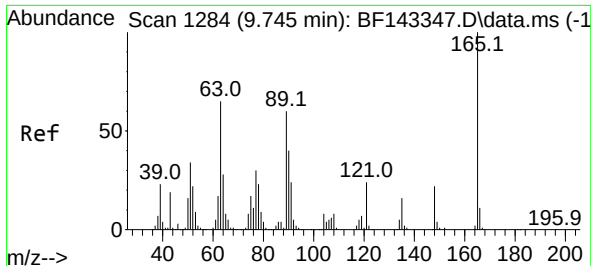
Tgt Ion:152 Resp: 817159
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 37.666 ng
RT: 9.681 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:163 Resp: 611502
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.2

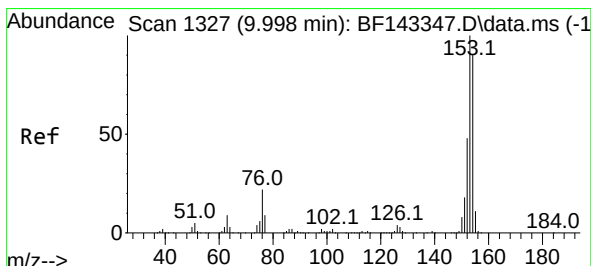
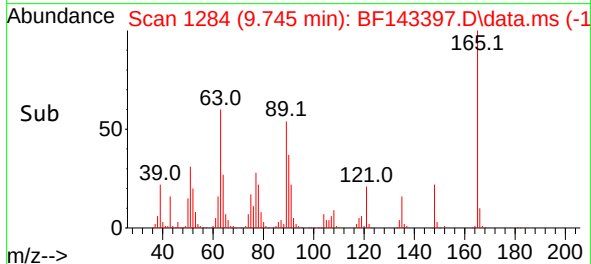
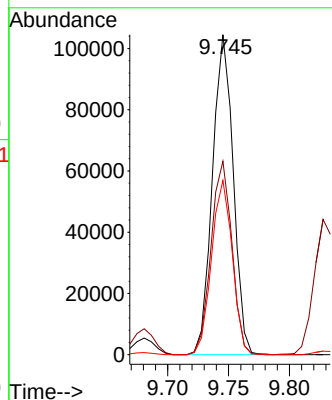
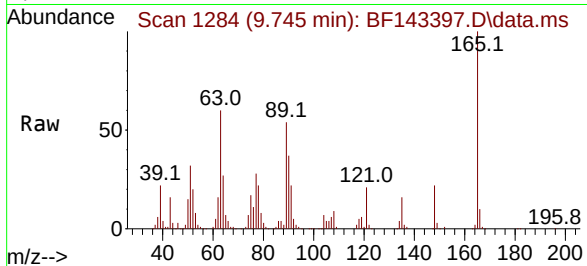




#51
2,6-Dinitrotoluene
Concen: 40.788 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

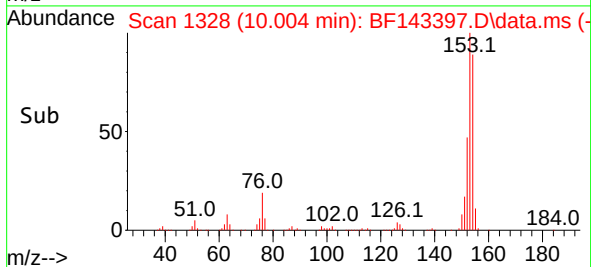
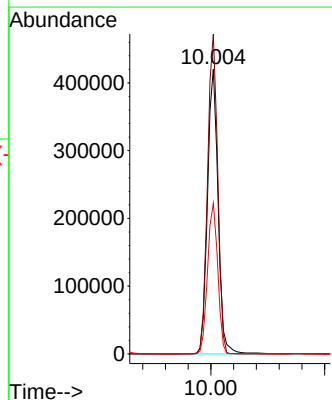
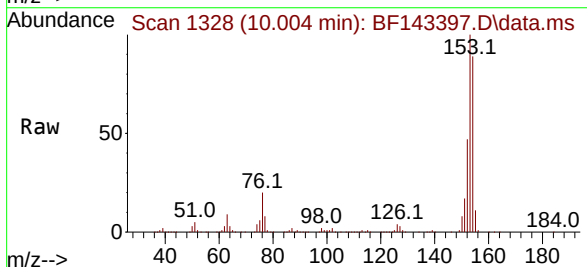
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

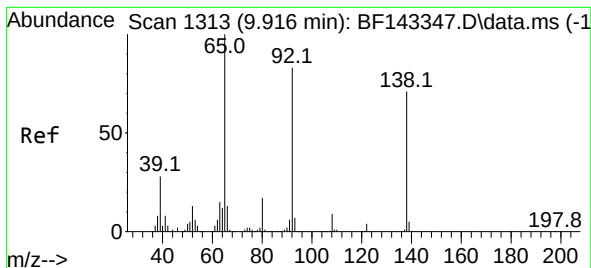
Tgt Ion:165 Resp: 123848
Ion Ratio Lower Upper
165 100
63 60.5 51.6 77.4
89 54.4 47.7 71.5



#52
Acenaphthene
Concen: 36.423 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:154 Resp: 541033
Ion Ratio Lower Upper
154 100
153 112.3 88.5 132.7
152 52.9 42.4 63.6





#53

3-Nitroaniline

Concen: 41.020 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

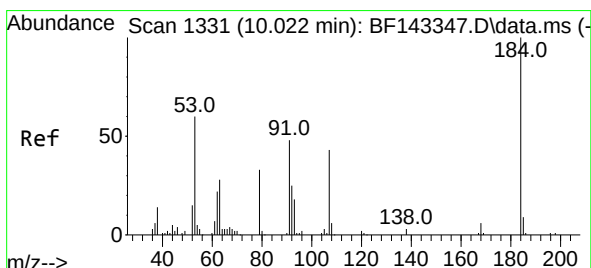
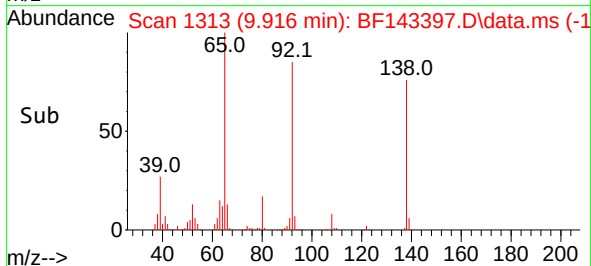
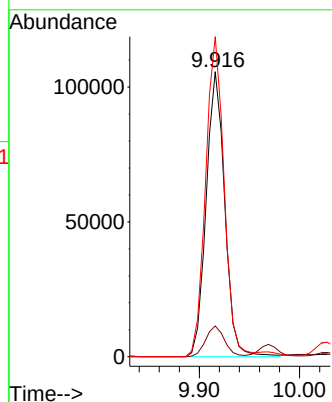
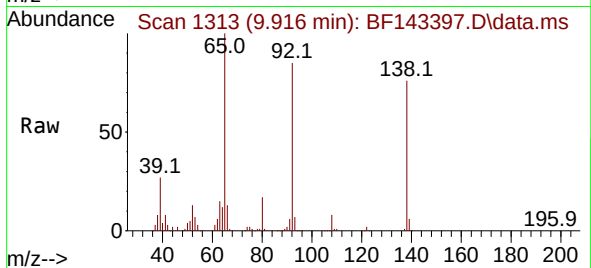
Tgt Ion:138 Resp: 136382

Ion Ratio Lower Upper

138 100

108 10.8 9.6 14.4

92 112.3 93.4 140.2



#54

2,4-Dinitrophenol

Concen: 35.584 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

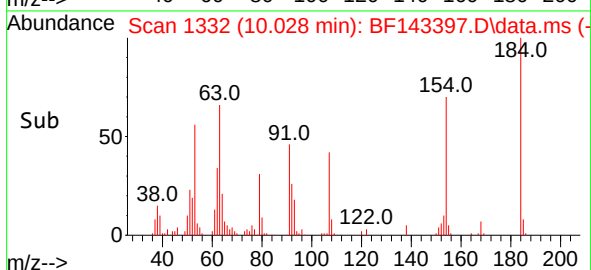
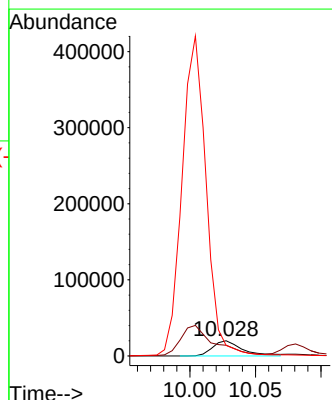
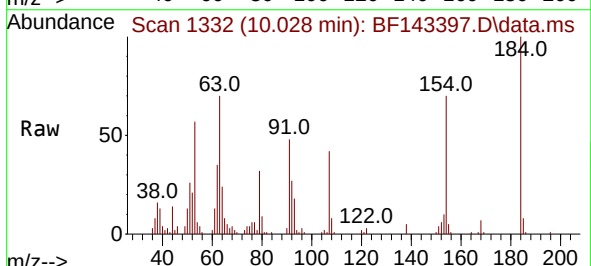
Tgt Ion:184 Resp: 31584

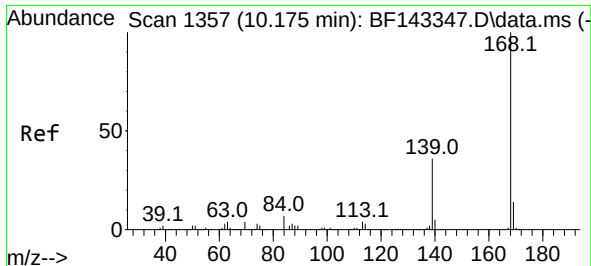
Ion Ratio Lower Upper

184 100

63 70.2 62.5 93.7

154 69.7 73.0 109.4#

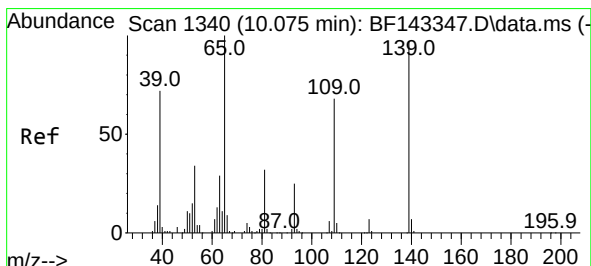
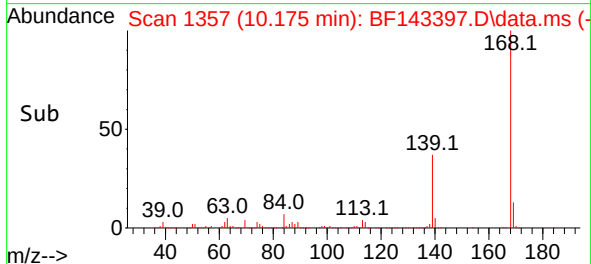
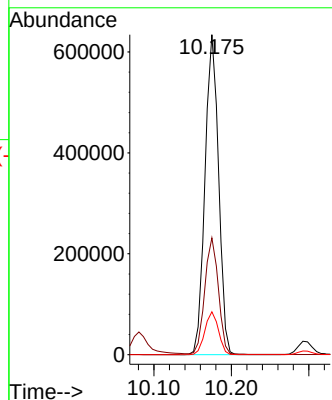
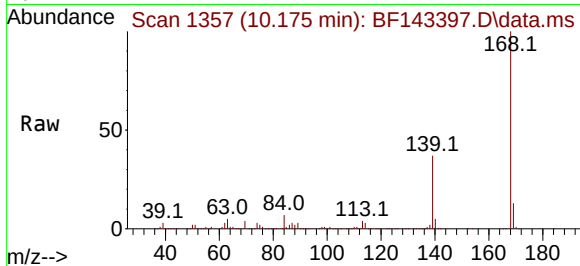




#55
Dibenzenofuran
Concen: 36.113 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

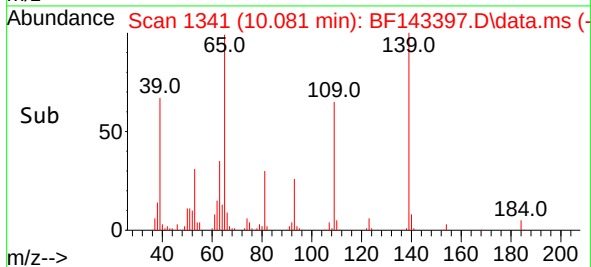
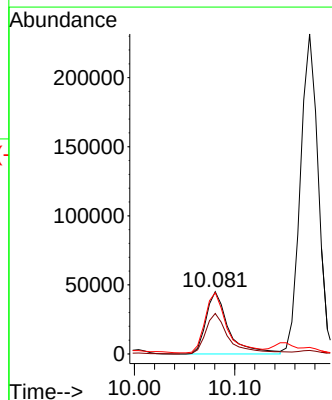
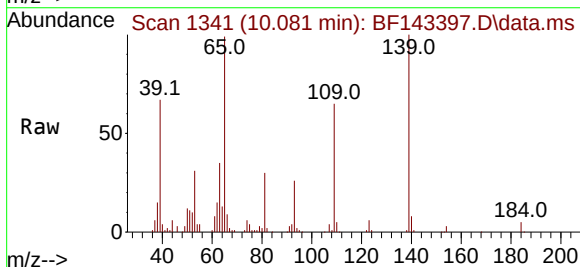
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

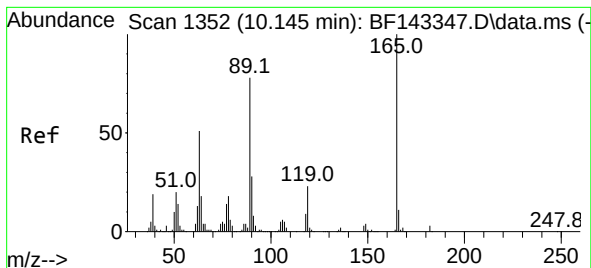
Tgt Ion:168 Resp: 772029
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 30.288 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:139 Resp: 70771
Ion Ratio Lower Upper
139 100
109 65.1 49.4 89.4
65 98.6 83.7 123.7

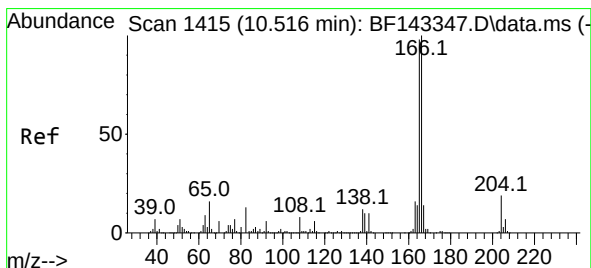
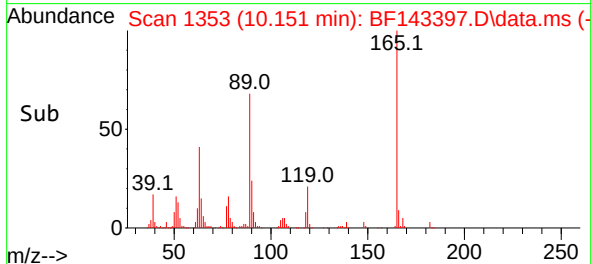
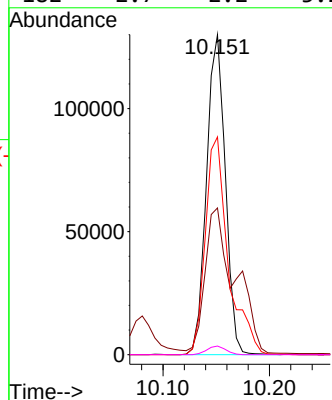
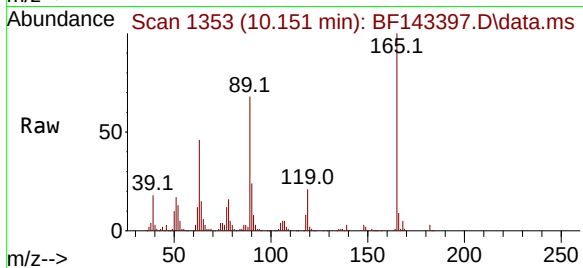




#57
2,4-Dinitrotoluene
Concen: 39.688 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

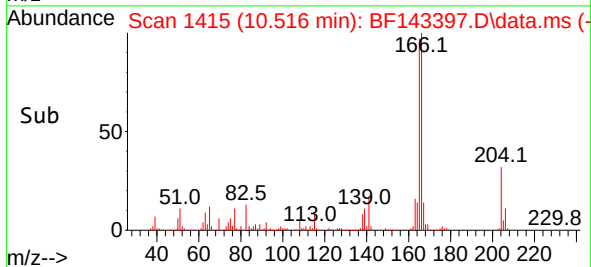
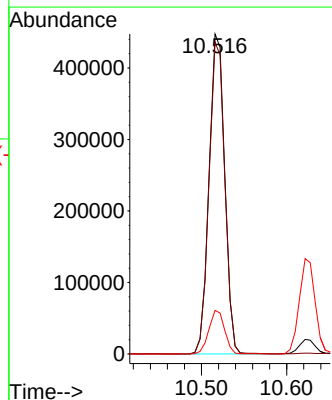
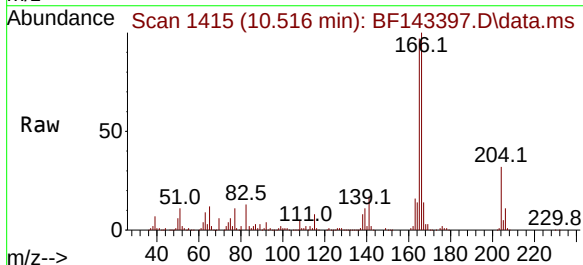
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

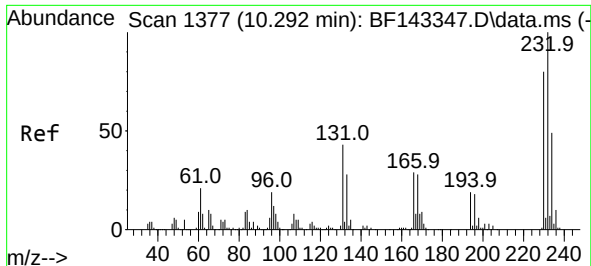
Tgt Ion:	165	Resp:	159522
Ion	Ratio	Lower	Upper
165	100		
63	45.8	41.8	62.8
89	68.0	62.4	93.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 35.081 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:	166	Resp:	572834
Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.4
167	13.6	10.9	16.3

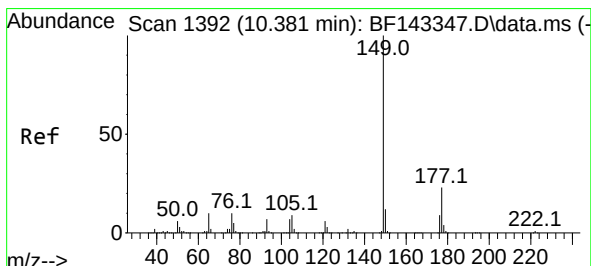
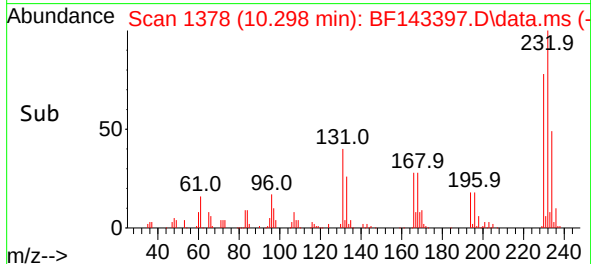
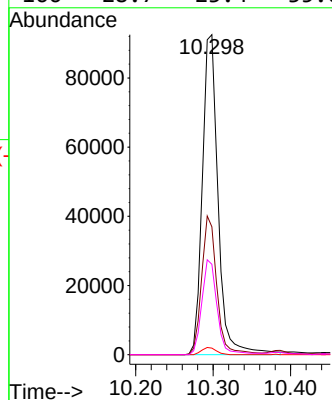
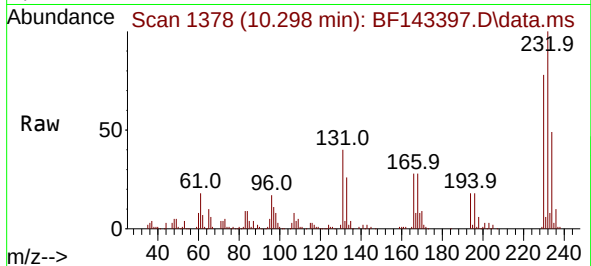




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.774 ng
RT: 10.298 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

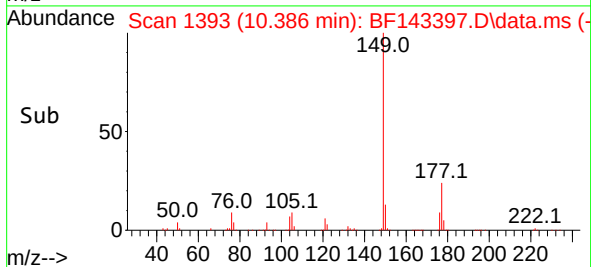
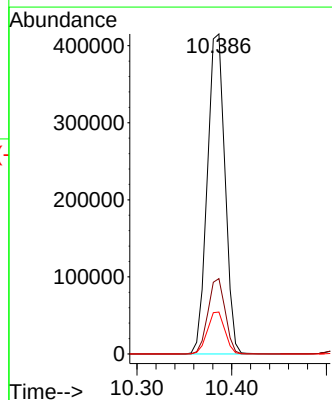
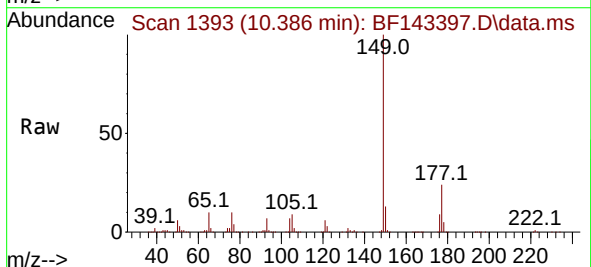
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

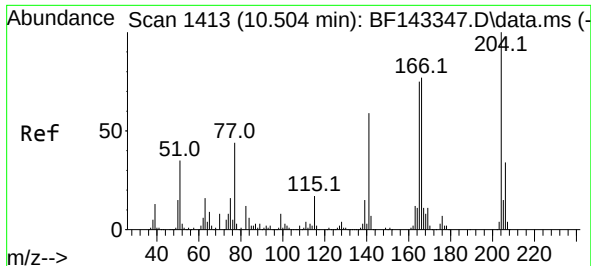
Tgt Ion:232 Resp: 130610
Ion Ratio Lower Upper
232 100
131 41.9 34.6 51.8
130 2.1 1.7 2.5
166 28.7 23.4 35.0



#60
Diethylphthalate
Concen: 36.866 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:149 Resp: 536101
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.2
150 13.1 9.9 14.9

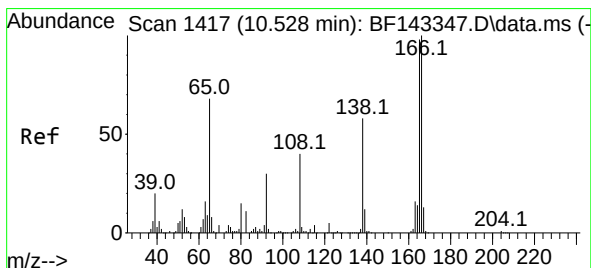
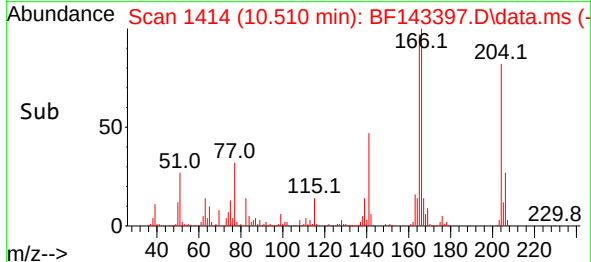
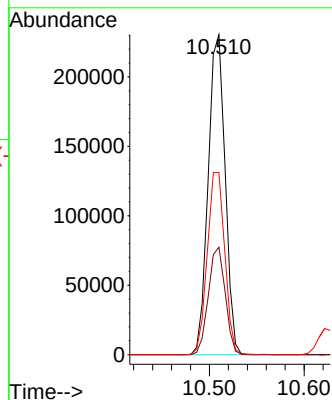
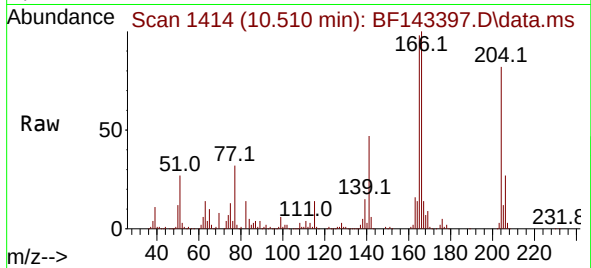




#61
4-Chlorophenyl-phenylether
Concen: 36.239 ng
RT: 10.510 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

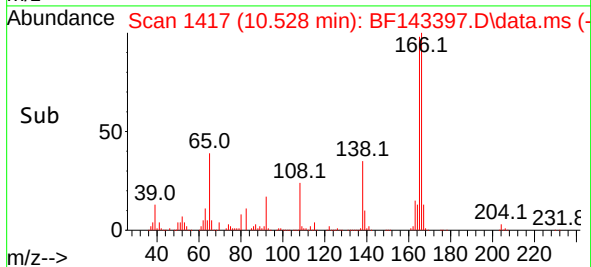
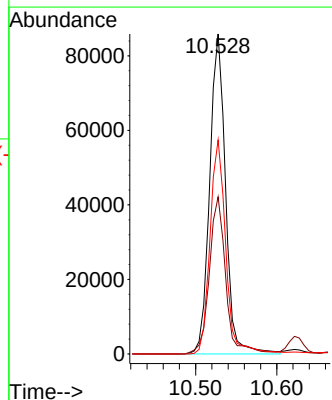
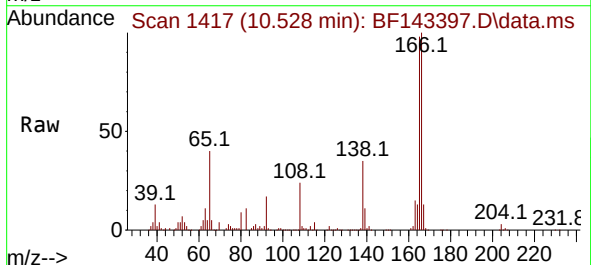
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

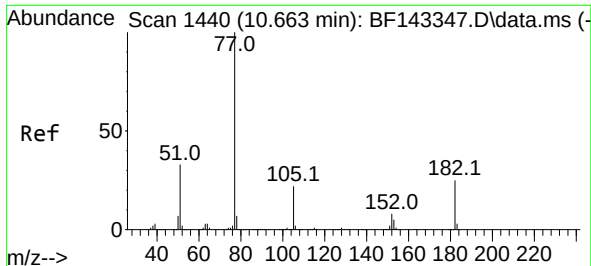
Tgt Ion:204 Resp: 285928
Ion Ratio Lower Upper
204 100
206 33.6 27.4 41.2
141 57.0 46.9 70.3



#62
4-Nitroaniline
Concen: 36.245 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:138 Resp: 116589
Ion Ratio Lower Upper
138 100
92 49.1 31.2 71.2
108 66.9 48.1 88.1

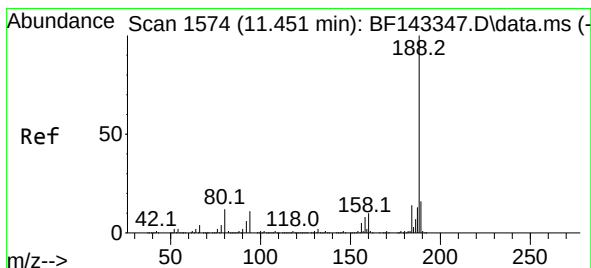
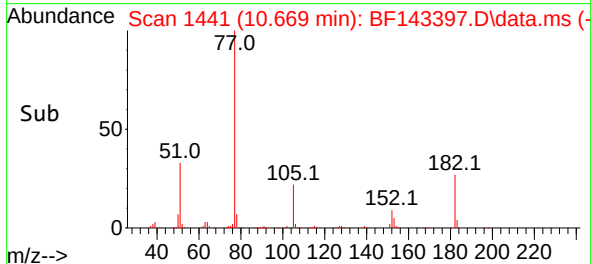
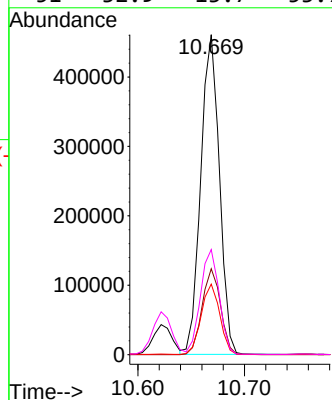
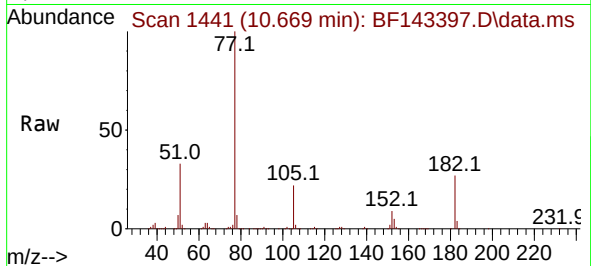




#63
Azobenzene
Concen: 33.836 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

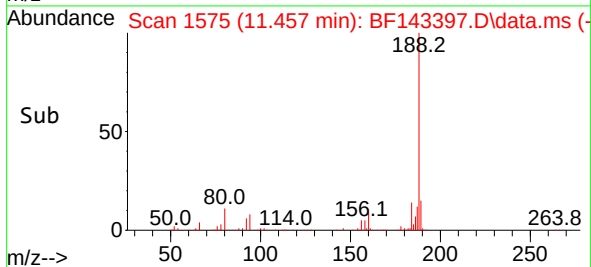
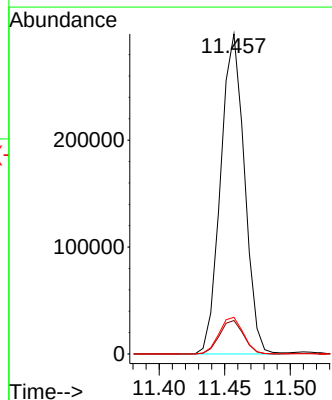
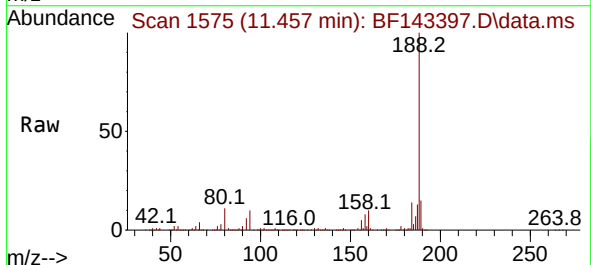
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

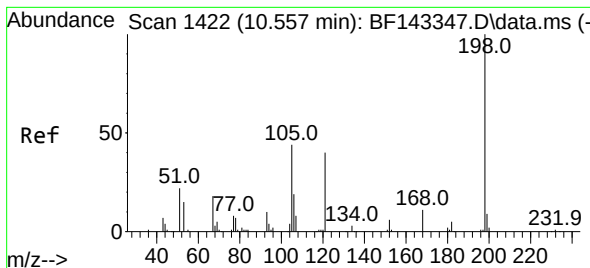
Tgt Ion:	77	Resp:	562010
Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.4	44.4
105	22.1	1.8	41.8
51	32.9	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:	188	Resp:	378614
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.8	13.2
80	11.5	9.7	14.5

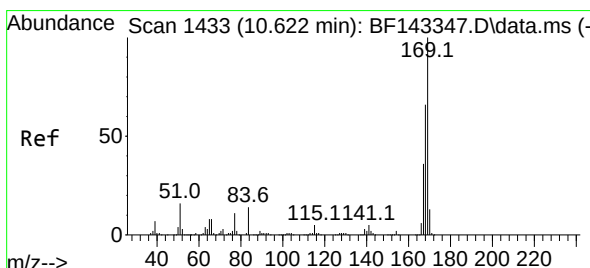
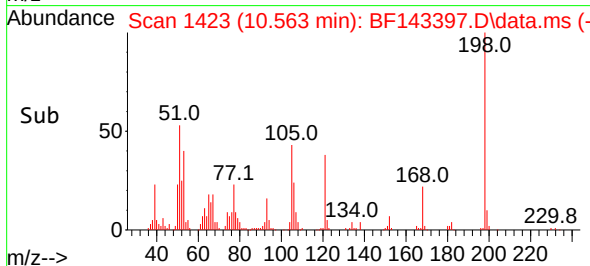
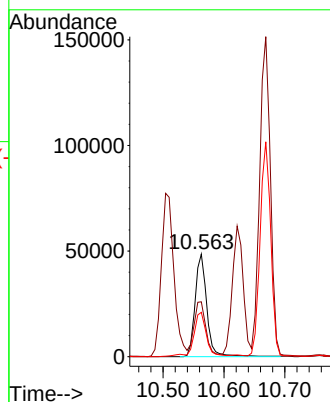
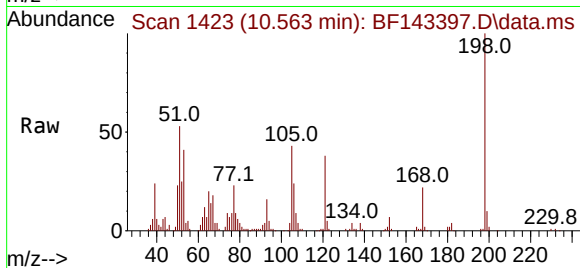




#65
4,6-Dinitro-2-methylphenol
Concen: 43.140 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

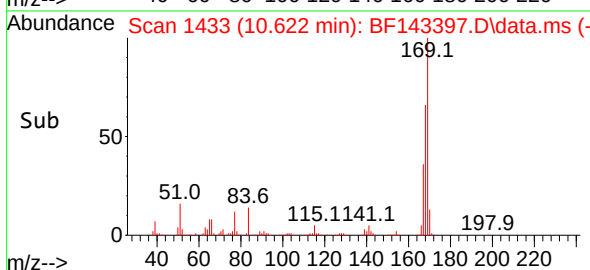
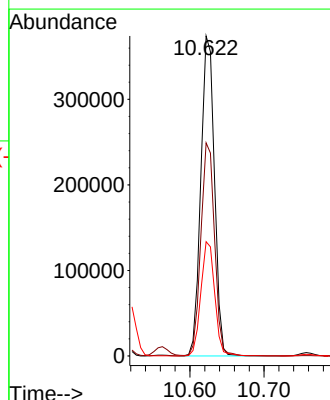
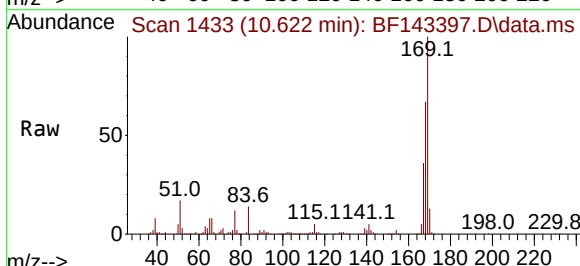
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

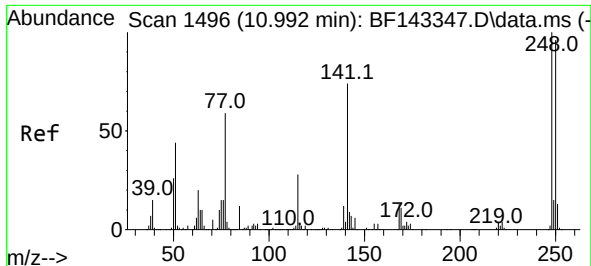
Tgt Ion:198 Resp: 64754
Ion Ratio Lower Upper
198 100
51 53.5 41.7 81.7
105 43.2 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 38.245 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:169 Resp: 476800
Ion Ratio Lower Upper
169 100
168 66.6 52.7 79.1
167 35.7 28.6 42.8

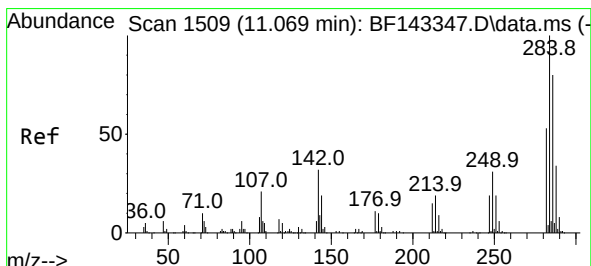
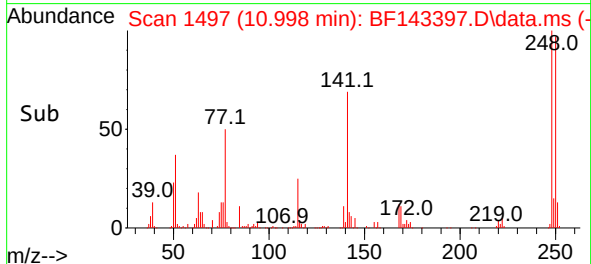
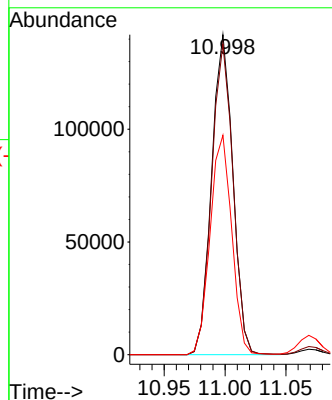
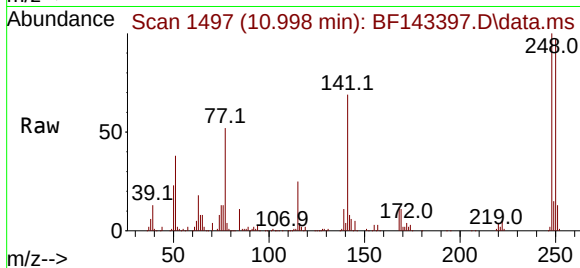




#67
4-Bromophenyl-phenylether
Concen: 39.924 ng
RT: 10.998 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

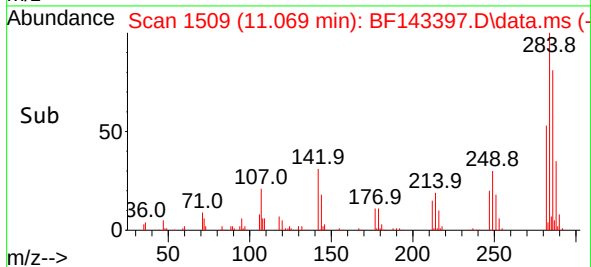
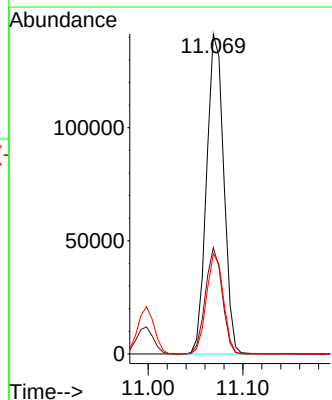
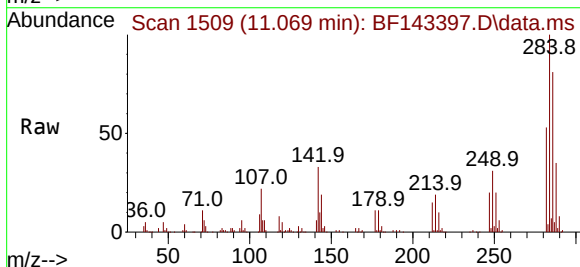
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

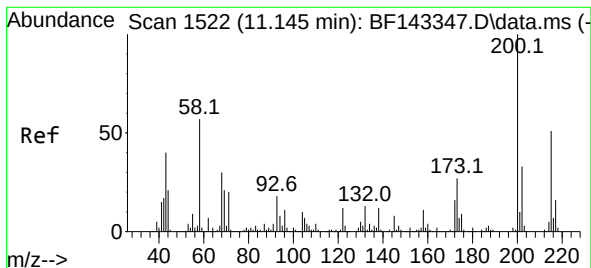
Tgt Ion:248 Resp: 172874
Ion Ratio Lower Upper
248 100
250 97.1 77.1 115.7
141 68.5 59.1 88.7



#68
Hexachlorobenzene
Concen: 38.074 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:284 Resp: 177709
Ion Ratio Lower Upper
284 100
142 33.2 25.7 38.5
249 31.3 24.6 37.0





#69

Atrazine

Concen: 40.779 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

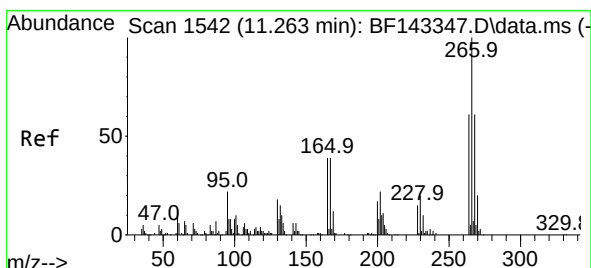
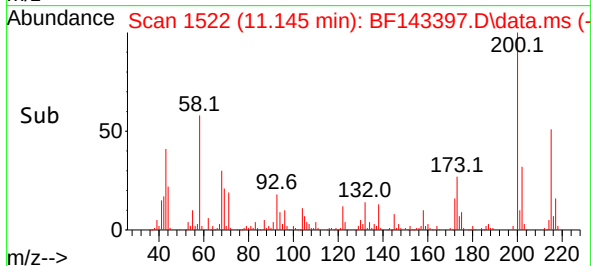
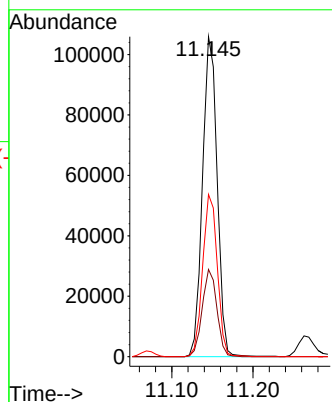
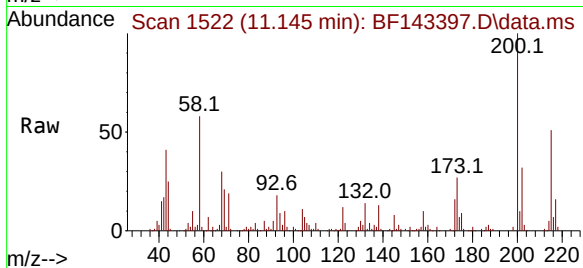
Tgt Ion:200 Resp: 132597

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 50.7 30.6 70.6



#70

Pentachlorophenol

Concen: 32.879 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

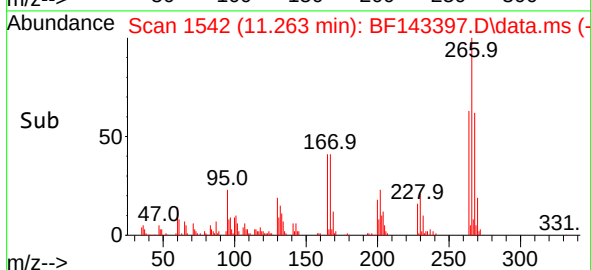
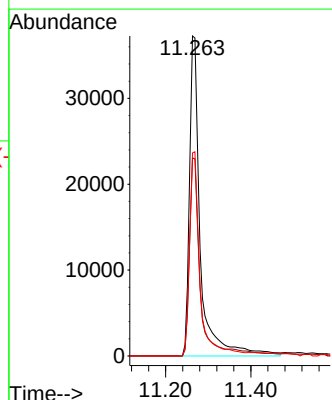
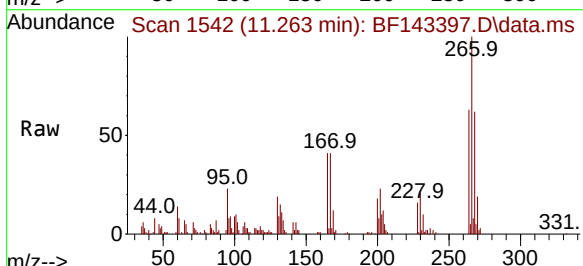
Tgt Ion:266 Resp: 66512

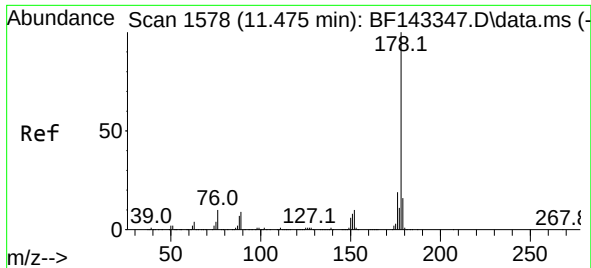
Ion Ratio Lower Upper

266 100

268 61.9 48.8 73.2

264 63.4 48.8 73.2

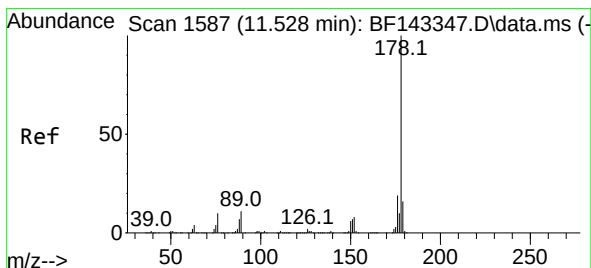
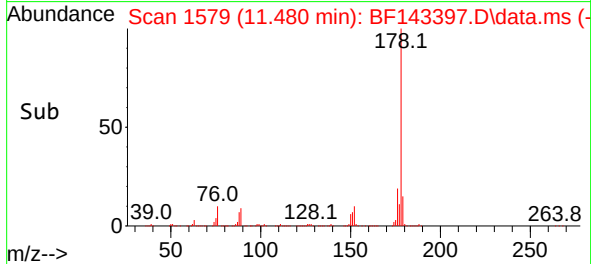
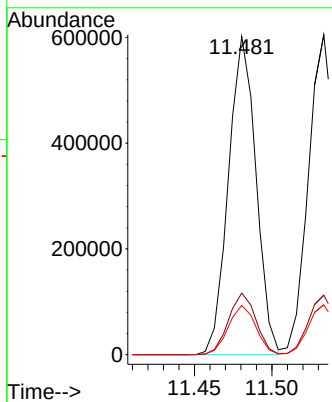
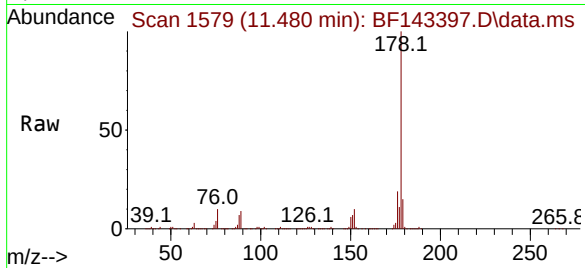




#71
Phenanthrene
Concen: 35.962 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

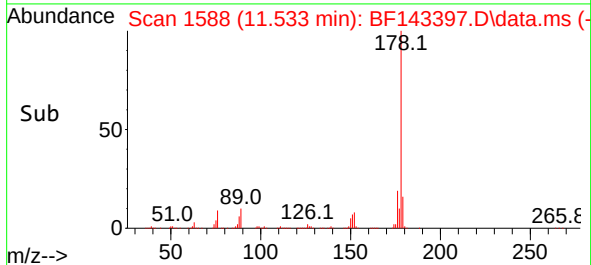
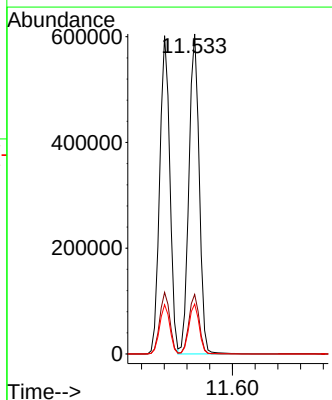
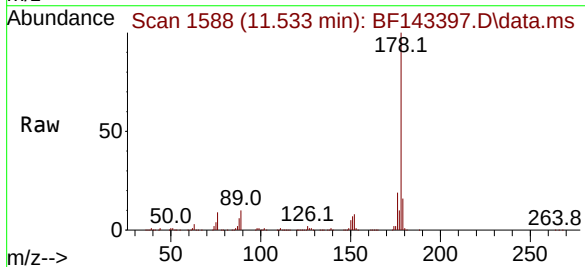
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

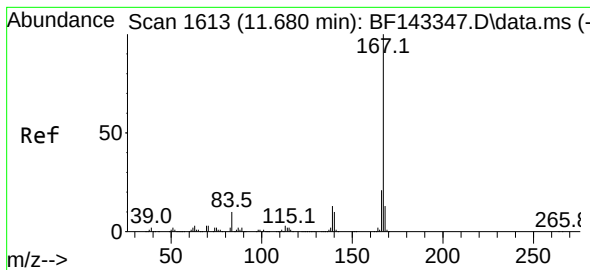
Tgt Ion:178 Resp: 742863
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 36.392 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:178 Resp: 762390
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.6 12.7 19.1





#73

Carbazole

Concen: 34.117 ng

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

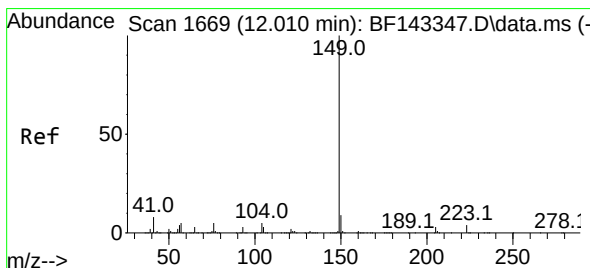
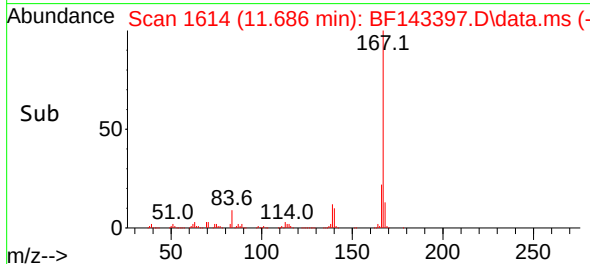
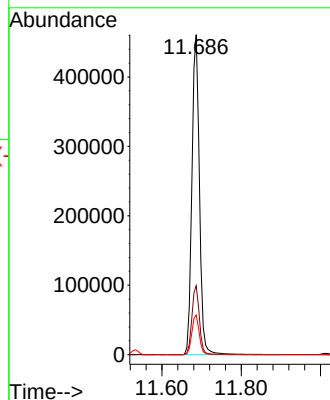
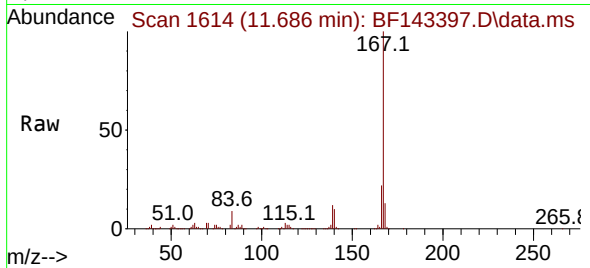
Tgt Ion:167 Resp: 608695

Ion Ratio Lower Upper

167 100

166 21.5 16.8 25.2

139 12.3 10.2 15.2



#74

Di-n-butylphthalate

Concen: 42.631 ng

RT: 12.010 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

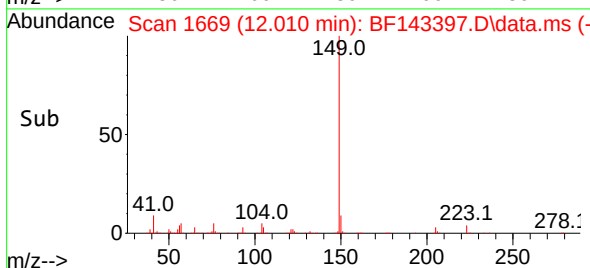
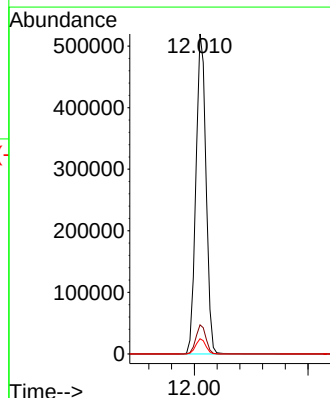
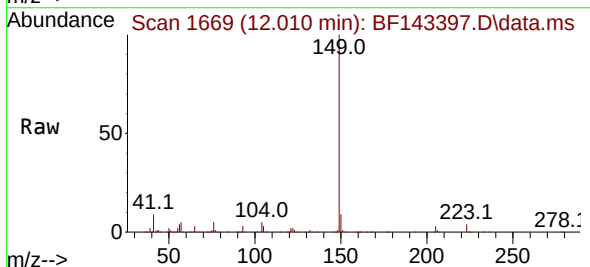
Tgt Ion:149 Resp: 643625

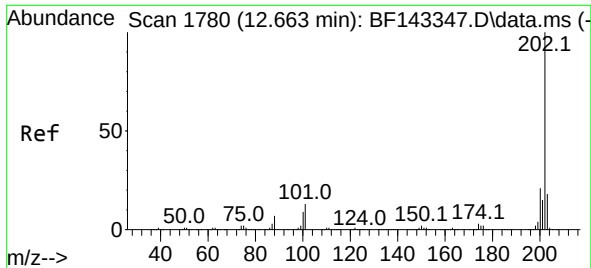
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.8 3.8 5.8

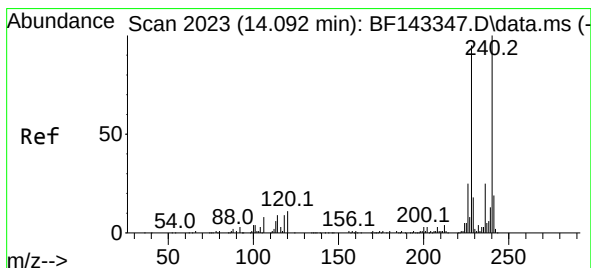
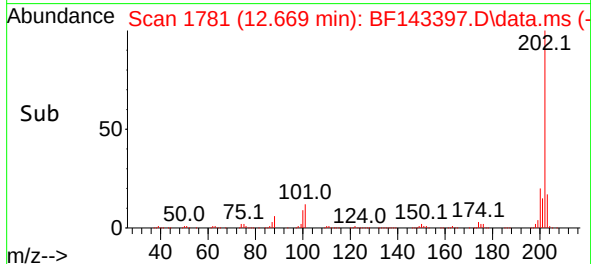
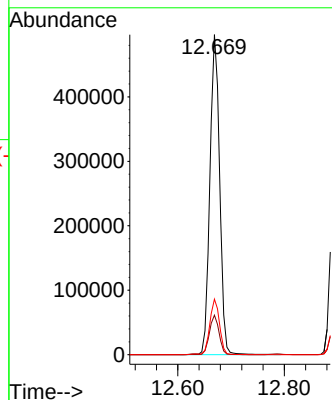
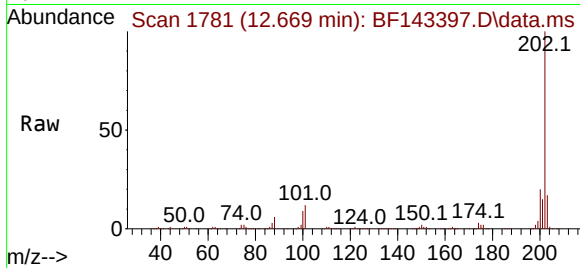




#75
Fluoranthene
Concen: 34.718 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

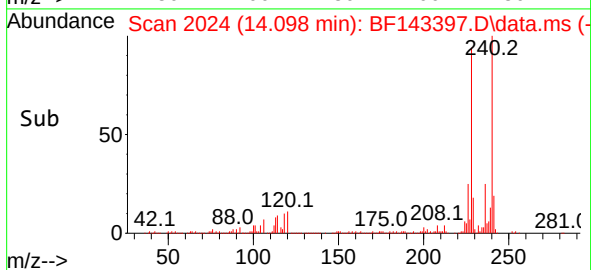
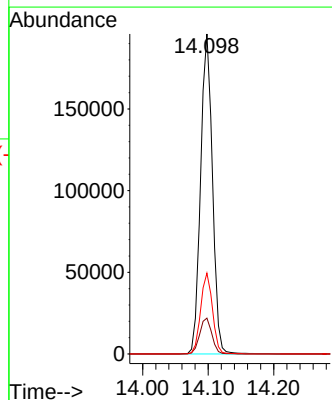
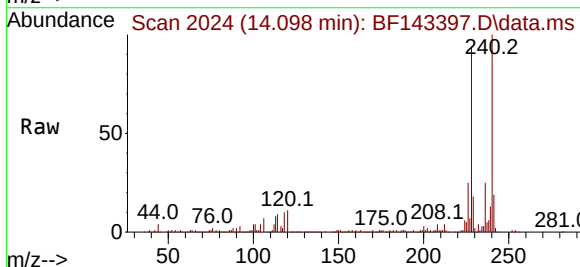
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

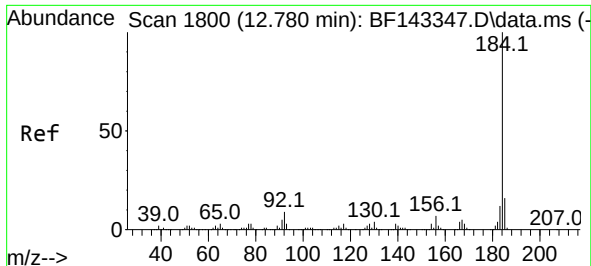
Tgt Ion:202 Resp: 628208
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:240 Resp: 246790
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.3 19.9 29.9

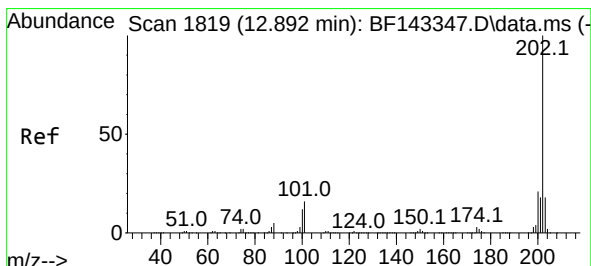
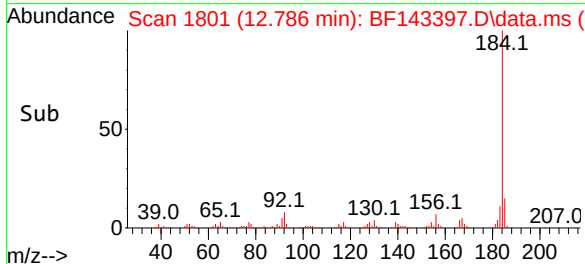
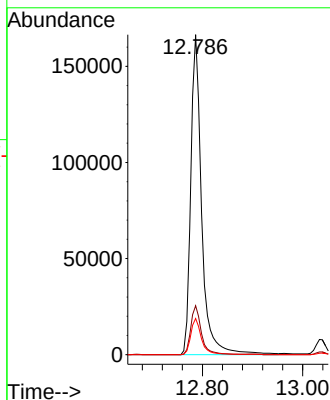
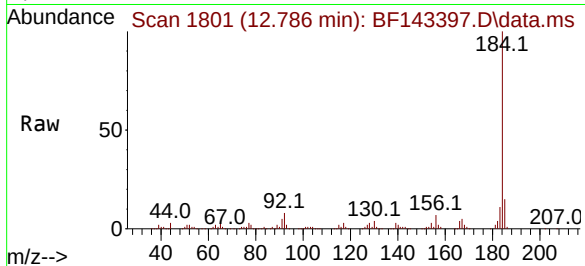




#77
Benzidine
Concen: 37.244 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

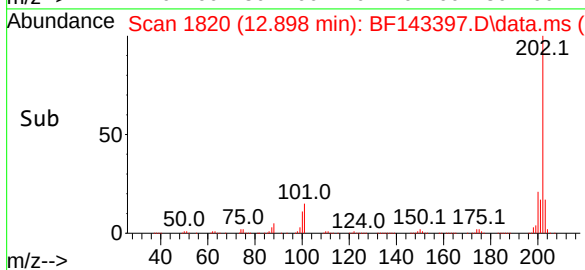
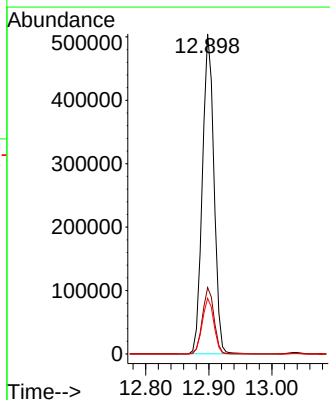
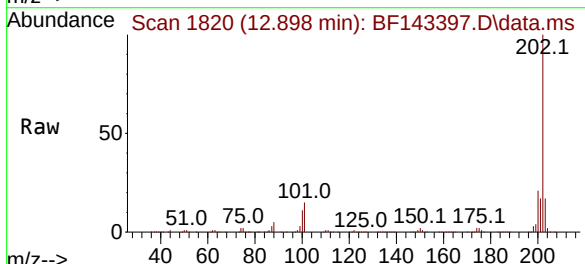
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

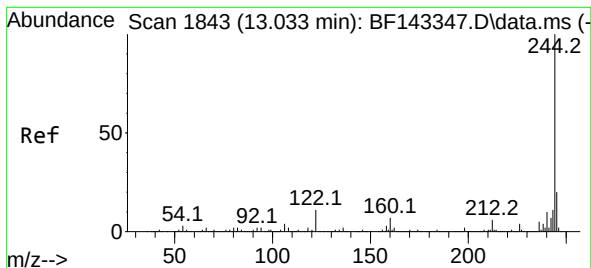
Tgt Ion:184 Resp: 251288
Ion Ratio Lower Upper
184 100
185 15.3 12.8 19.2
183 11.3 9.3 13.9



#78
Pyrene
Concen: 30.918 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143397.D
Acq: 14 Aug 2025 22:56

Tgt Ion:202 Resp: 640096
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 63.756 ng

RT: 13.039 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

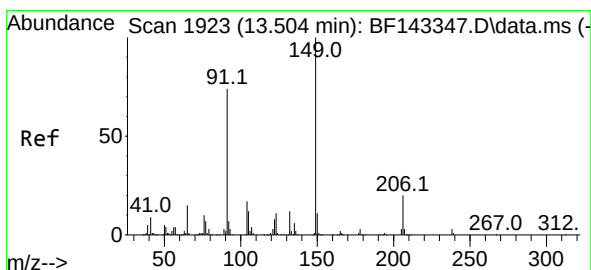
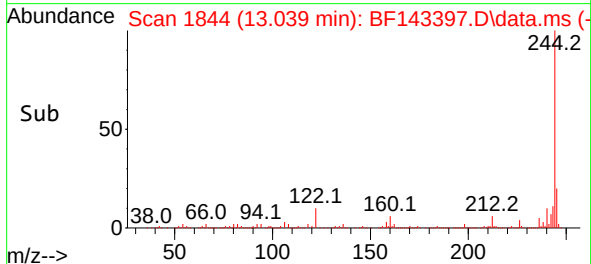
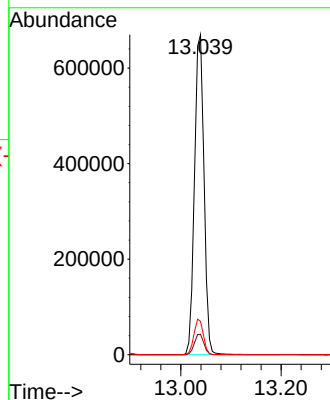
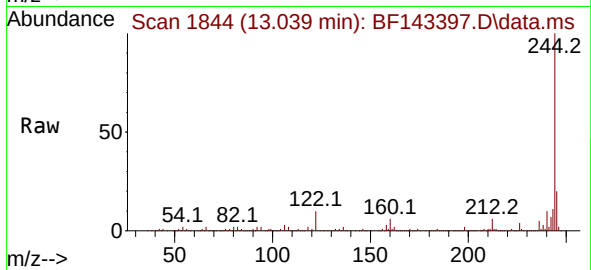
Tgt Ion:244 Resp: 881305

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 10.4 8.9 13.3



#80

Butylbenzylphthalate

Concen: 50.287 ng

RT: 13.510 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

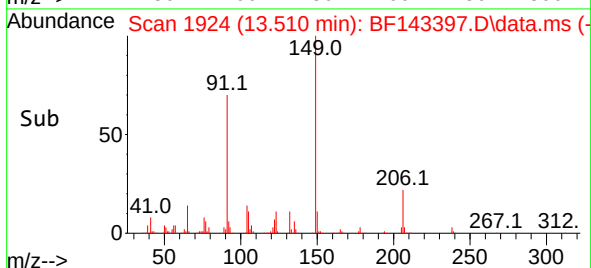
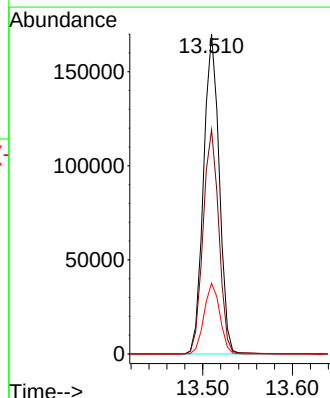
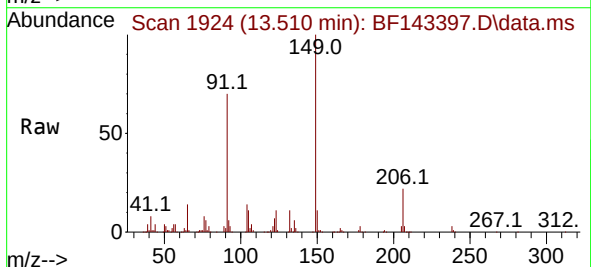
Tgt Ion:149 Resp: 206438

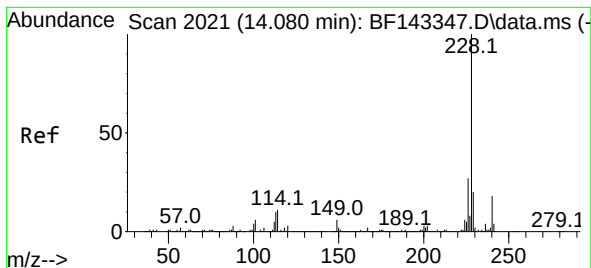
Ion Ratio Lower Upper

149 100

91 70.1 58.8 88.2

206 22.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 35.746 ng

RT: 14.086 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

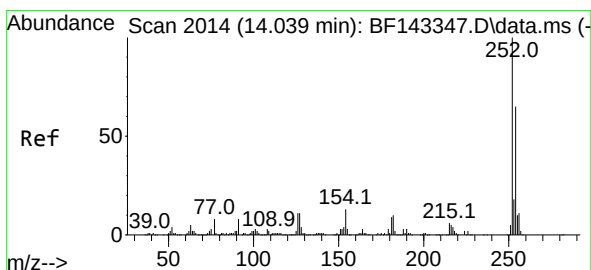
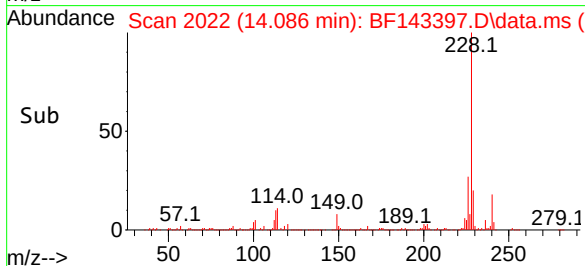
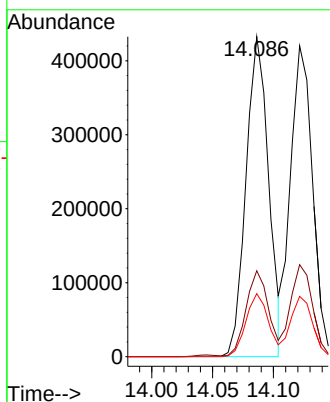
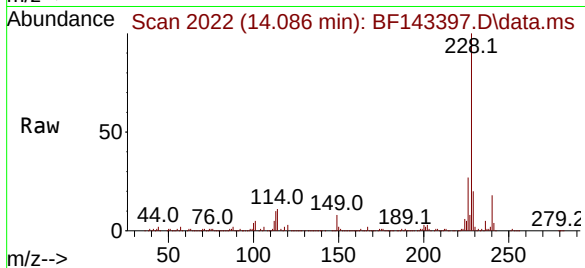
Tgt Ion:228 Resp: 560700

Ion Ratio Lower Upper

228 100

226 26.9 22.0 33.0

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 44.526 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

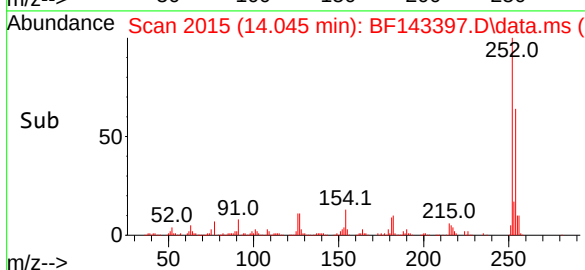
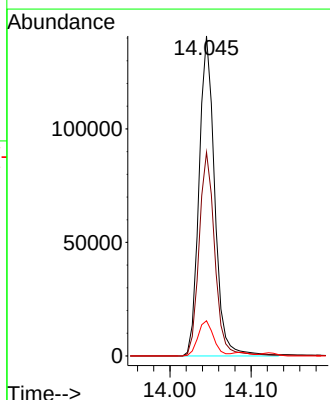
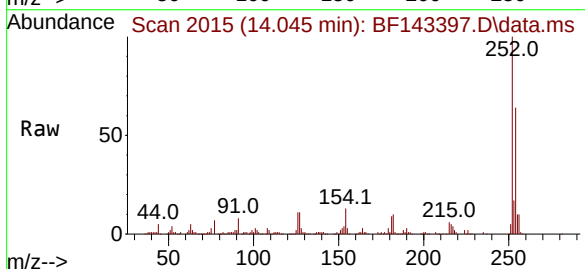
Tgt Ion:252 Resp: 188593

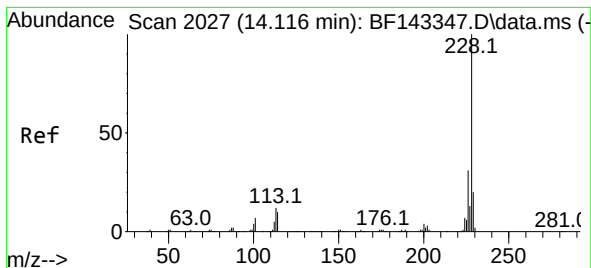
Ion Ratio Lower Upper

252 100

254 63.7 51.7 77.5

126 11.0 9.2 13.8





#83

Chrysene

Concen: 36.741 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

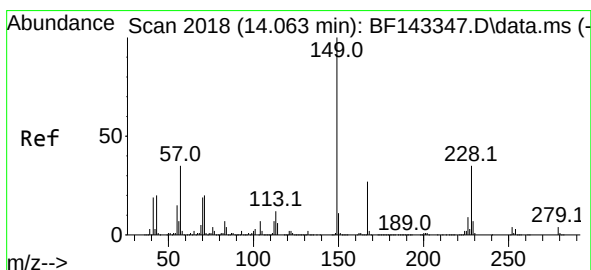
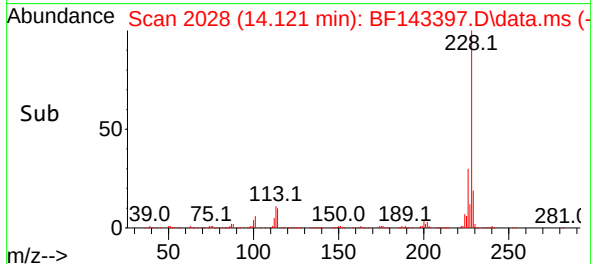
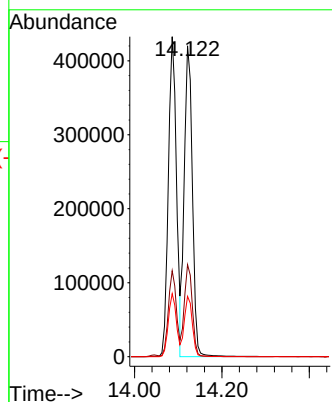
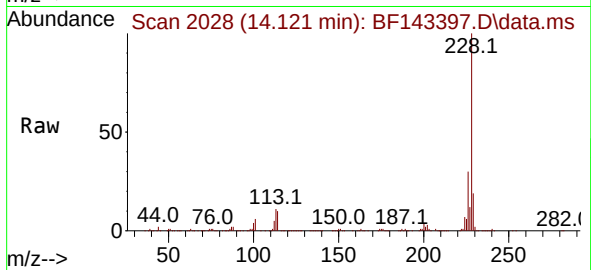
Tgt Ion:228 Resp: 537379

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.120 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

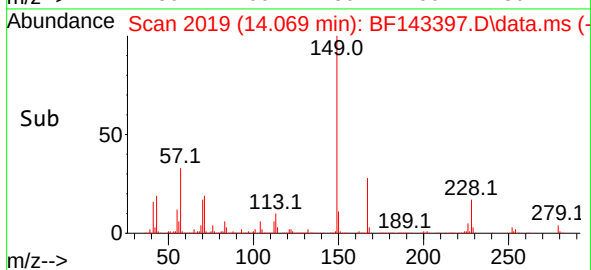
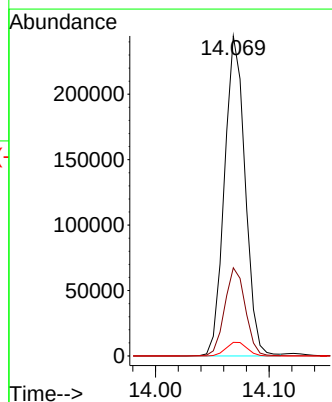
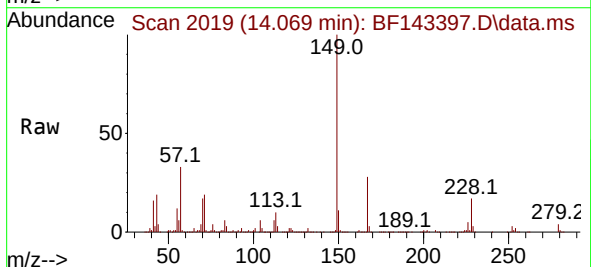
Tgt Ion:149 Resp: 309325

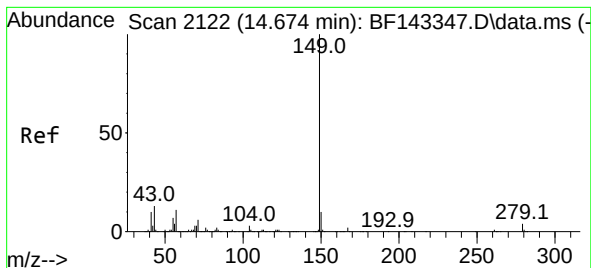
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.655 ng

RT: 14.686 min Scan# 2122

Delta R.T. 0.012 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

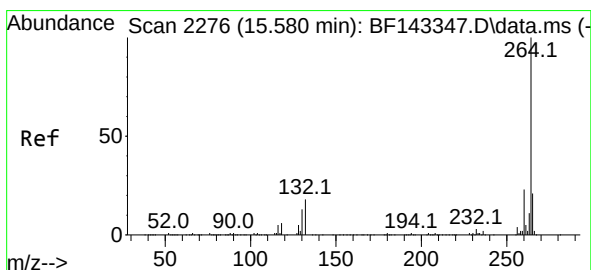
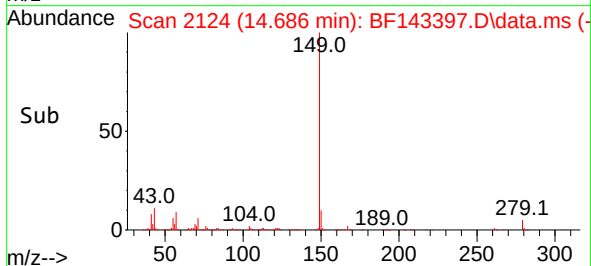
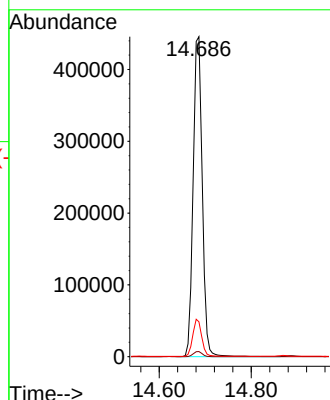
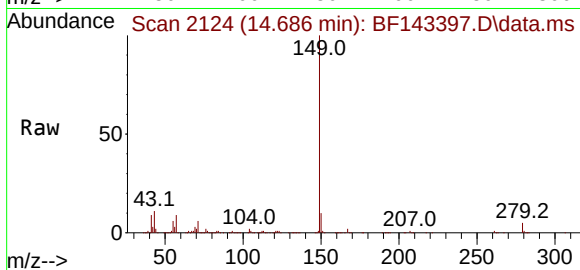
Tgt Ion:149 Resp: 611488

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.4 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

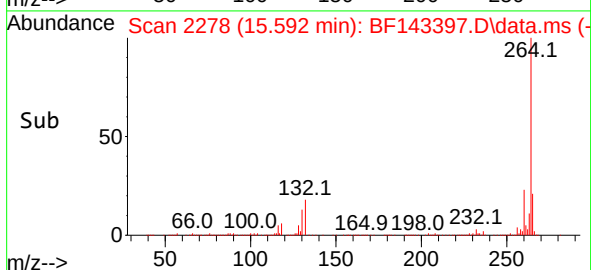
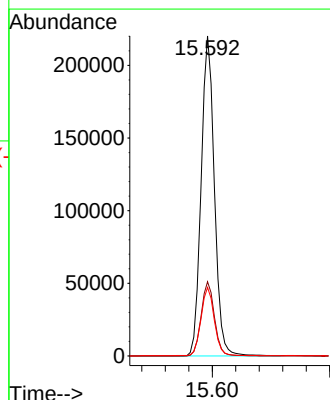
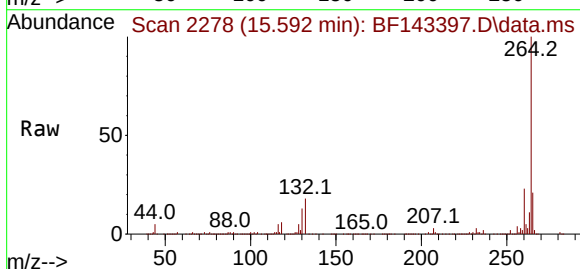
Tgt Ion:264 Resp: 345291

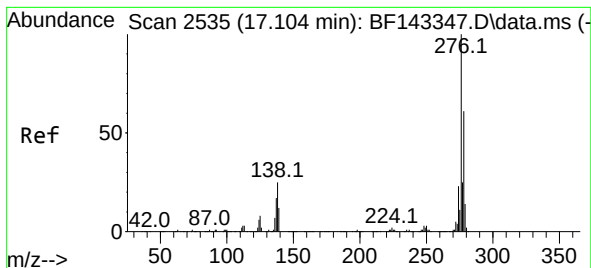
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.381 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

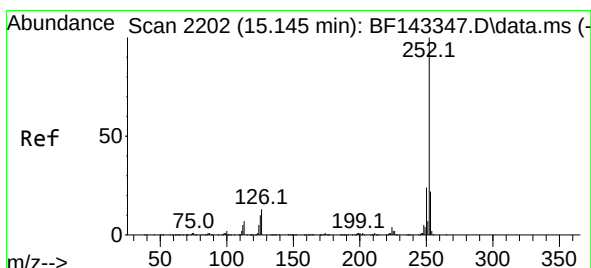
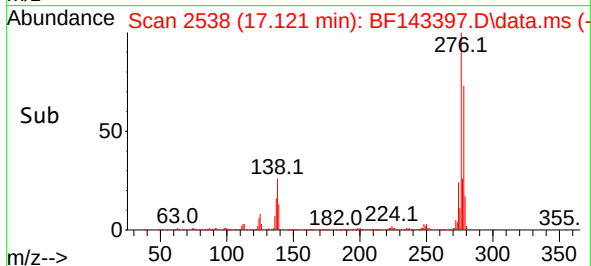
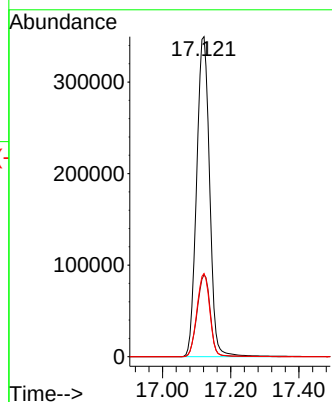
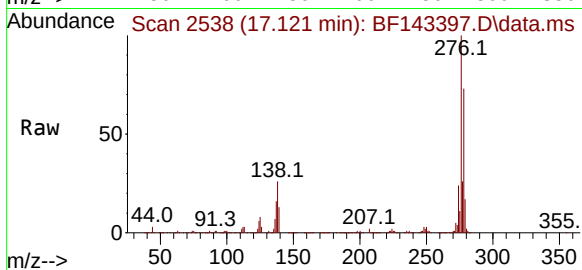
Tgt Ion:276 Resp: 924731

Ion Ratio Lower Upper

276 100

138 25.8 21.1 31.7

277 25.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.954 ng

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

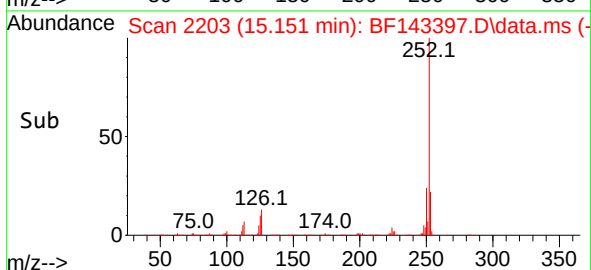
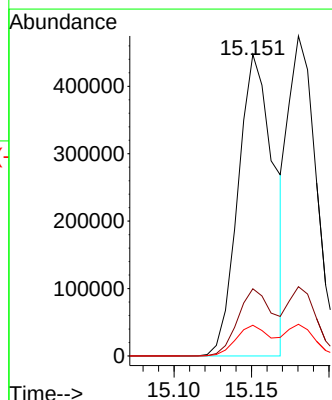
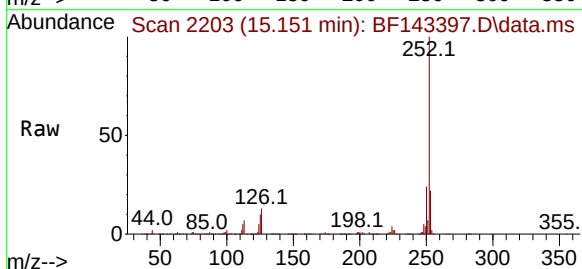
Tgt Ion:252 Resp: 716789

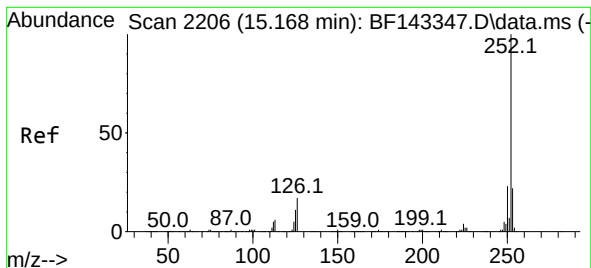
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.2 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 32.831 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

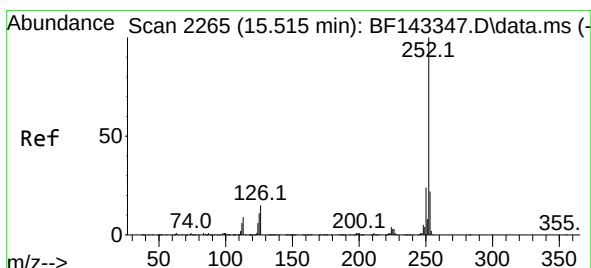
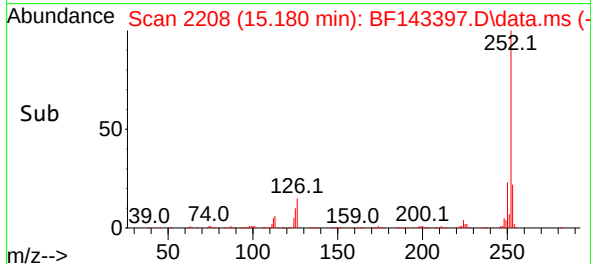
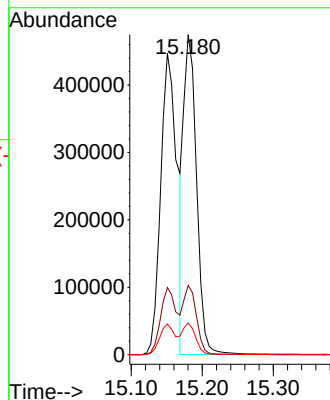
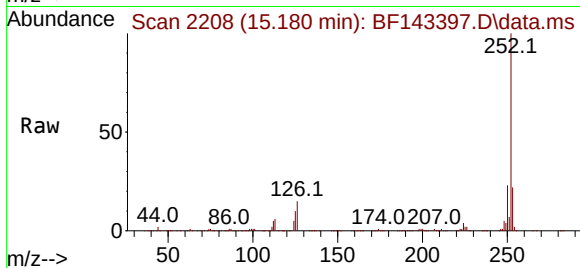
Tgt Ion:252 Resp: 602501

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.9 8.4 12.6



#90

Benzo(a)pyrene

Concen: 36.515 ng

RT: 15.527 min Scan# 2267

Delta R.T. 0.012 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

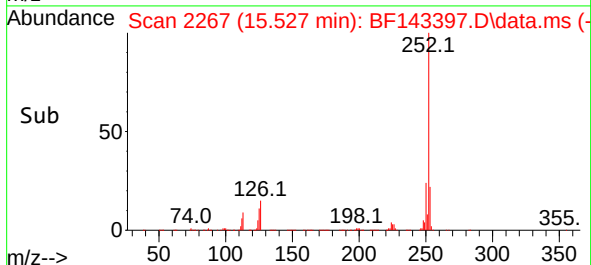
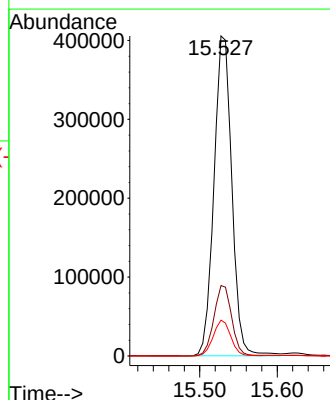
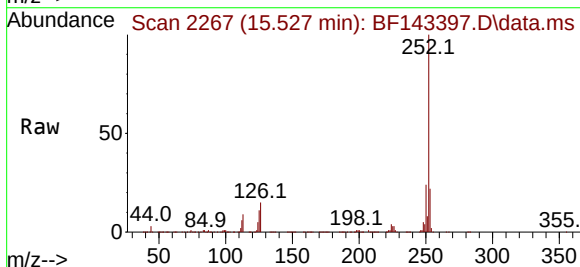
Tgt Ion:252 Resp: 649502

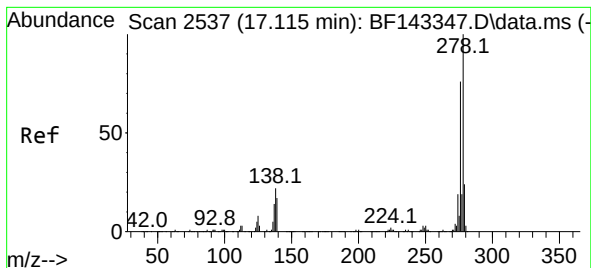
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.2 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 38.021 ng

RT: 17.133 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

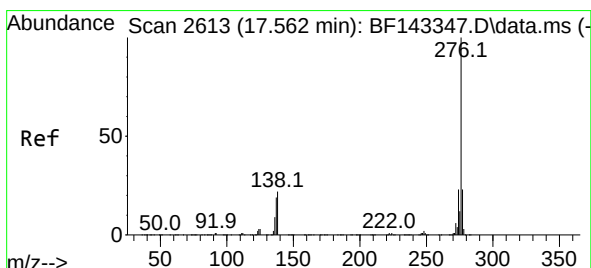
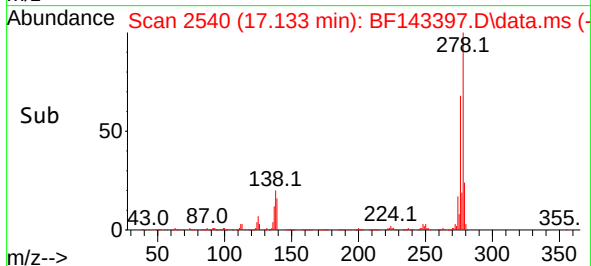
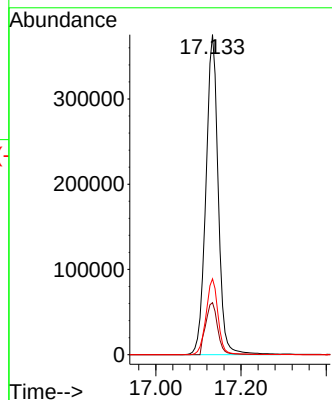
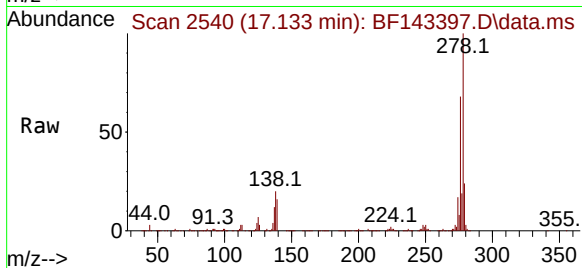
Tgt Ion:278 Resp: 751396

Ion Ratio Lower Upper

278 100

139 16.3 14.0 21.0

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 37.096 ng

RT: 17.580 min Scan# 2616

Delta R.T. 0.018 min

Lab File: BF143397.D

Acq: 14 Aug 2025 22:56

Tgt Ion:276 Resp: 738534

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 22.7 17.8 26.8

