

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142964.D
 Acq On : 02 Jul 2025 11:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 02 12:31:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58835	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	223613	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	116653	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	194796	20.000	ng	0.00
76) Chrysene-d12	14.051	240	118183	20.000	ng	0.00
86) Perylene-d12	15.545	264	123997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	276568	78.264	ng	0.00
7) Phenol-d6	6.504	99	321092	77.015	ng	0.00
23) Nitrobenzene-d5	7.439	82	340484	83.519	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	94919	79.070	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	745681	83.974	ng	-0.01
79) Terphenyl-d14	12.992	244	645901	75.514	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	50814	35.951	ng	100
3) Pyridine	3.393	79	129715	36.607	ng	97
4) n-Nitrosodimethylamine	3.340	42	68475	37.370	ng	96
6) Aniline	6.534	93	213019	38.399	ng	# 89
8) 2-Chlorophenol	6.657	128	147268	38.633	ng	100
9) Benzaldehyde	6.428	77	102310	41.363	ng	99
10) Phenol	6.522	94	179818	38.801	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	126176	38.094	ng	97
12) 1,3-Dichlorobenzene	6.816	146	167807	39.362	ng	99
13) 1,4-Dichlorobenzene	6.892	146	167051	38.838	ng	99
14) 1,2-Dichlorobenzene	7.045	146	158089	38.750	ng	98
15) Benzyl Alcohol	7.016	79	120225	39.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	193355	36.334	ng	90
17) 2-Methylphenol	7.128	107	111915	38.742	ng	99
18) Hexachloroethane	7.386	117	59432	39.504	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	94859	39.120	ng	98
20) 3+4-Methylphenols	7.281	107	143560	39.858	ng	96
22) Acetophenone	7.287	105	191366	38.808	ng	99
24) Nitrobenzene	7.457	77	143245	38.821	ng	99
25) Isophorone	7.698	82	252508	38.611	ng	99
26) 2-Nitrophenol	7.775	139	80191	39.896	ng	99
27) 2,4-Dimethylphenol	7.810	122	134614	38.663	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	160881	38.695	ng	100
29) 2,4-Dichlorophenol	8.016	162	123052	38.979	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	136262	39.253	ng	99
31) Naphthalene	8.181	128	423430	38.685	ng	100
32) Benzoic acid	7.922	122	62494	35.216	ng	98
33) 4-Chloroaniline	8.228	127	174568	39.223	ng	99
34) Hexachlorobutadiene	8.292	225	83307	39.233	ng	99
35) Caprolactam	8.598	113	33703	40.458	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	123098	39.235	ng	99
37) 2-Methylnaphthalene	8.869	142	268630	39.587	ng	99
38) 1-Methylnaphthalene	8.969	142	275913	39.278	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	137091	39.828	ng	98
41) Hexachlorocyclopentadiene	9.022	237	61927	31.704	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	86463	38.549	ng	98

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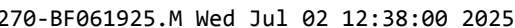
Instrument :
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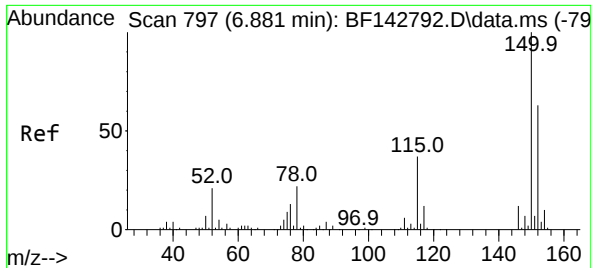
Quant Time: Jul 02 12:31:08 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	91232	38.640	ng	98
46) 1,1'-Biphenyl	9.333	154	360192	39.088	ng	100
47) 2-Chloronaphthalene	9.363	162	266073	38.477	ng	100
48) 2-Nitroaniline	9.457	65	76026	39.215	ng	100
49) Acenaphthylene	9.780	152	443514	38.960	ng	99
50) Dimethylphthalate	9.633	163	295995	39.199	ng	99
51) 2,6-Dinitrotoluene	9.698	165	66200	39.921	ng	99
52) Acenaphthene	9.951	154	271033	39.023	ng	100
53) 3-Nitroaniline	9.869	138	73098	40.037	ng	99
54) 2,4-Dinitrophenol	9.980	184	28575	34.414	ng	97
55) Dibenzofuran	10.122	168	385288	38.685	ng	100
56) 4-Nitrophenol	10.033	139	57314	45.854	ng	98
57) 2,4-Dinitrotoluene	10.104	165	87102	39.544	ng	96
58) Fluorene	10.463	166	306402	39.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73451	38.594	ng	95
60) Diethylphthalate	10.333	149	298938	40.377	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	147263	39.675	ng	99
62) 4-Nitroaniline	10.486	138	67838	40.627	ng	97
63) Azobenzene	10.616	77	253554	38.318	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	43984	37.330	ng	93
66) n-Nitrosodiphenylamine	10.575	169	262226	38.842	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	86932	39.212	ng	96
68) Hexachlorobenzene	11.016	284	93666	38.023	ng	99
69) Atrazine	11.098	200	73076	41.917	ng	98
70) Pentachlorophenol	11.210	266	43803	35.684	ng	100
71) Phenanthrene	11.427	178	404225	38.308	ng	100
72) Anthracene	11.480	178	417414	38.570	ng	100
73) Carbazole	11.639	167	358920	38.432	ng	99
74) Di-n-butylphthalate	11.963	149	409630	42.104	ng	99
75) Fluoranthene	12.621	202	386289	38.573	ng	100
77) Benzidine	12.739	184	206536	46.514	ng	99
78) Pyrene	12.851	202	445961	40.257	ng	100
80) Butylbenzylphthalate	13.463	149	140470	43.714	ng	97
81) Benzo(a)anthracene	14.039	228	318700	39.974	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	100139	38.724	ng	98
83) Chrysene	14.080	228	265448	37.312	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	200158	43.293	ng	99
85) Di-n-octyl phthalate	14.633	149	345369	39.616	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	349123	36.965	ng	98
88) Benzo(b)fluoranthene	15.104	252	314480	43.830	ng	100
89) Benzo(k)fluoranthene	15.133	252	249604	37.183	ng	100
90) Benzo(a)pyrene	15.480	252	276854	39.941	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	283004	36.878	ng	98
92) Benzo(g,h,i)perylene	17.515	276	281879	36.836	ng	98

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

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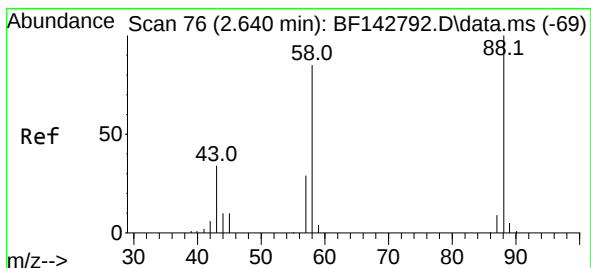
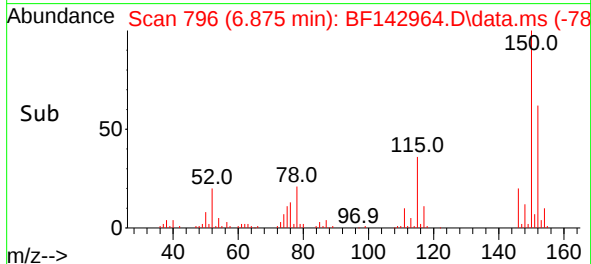
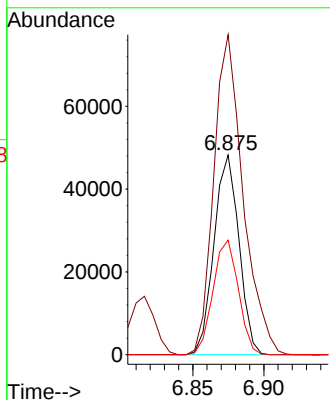
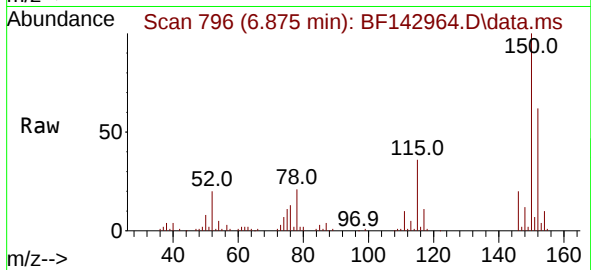




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142964.D
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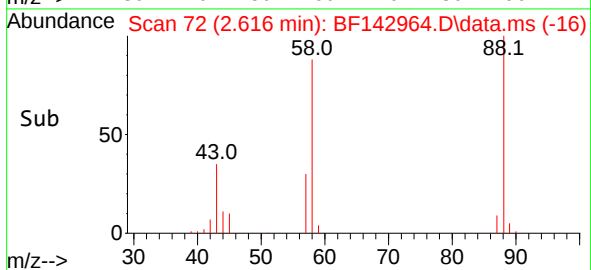
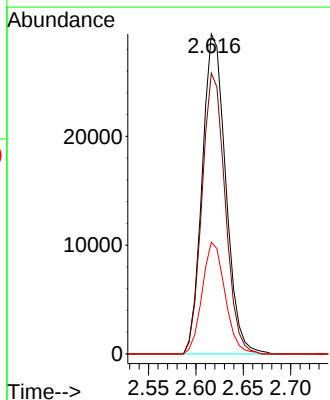
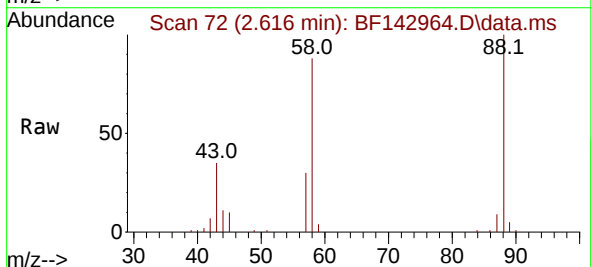
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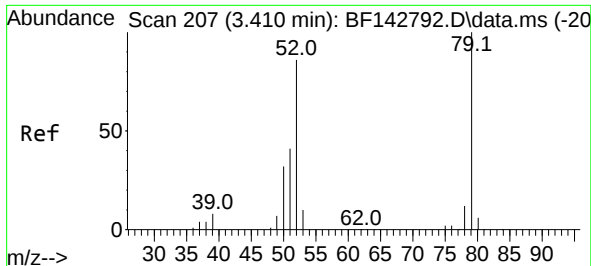
Tgt Ion:152 Resp: 58835
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.2 190.8
 115 57.4 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.951 ng
 RT: 2.616 min Scan# 72
 Delta R.T. -0.023 min
 Lab File: BF142964.D
 Acq: 02 Jul 2025 11:41

Tgt Ion: 88 Resp: 50814
 Ion Ratio Lower Upper
 88 100
 58 86.2 69.1 103.7
 43 34.0 27.4 41.2

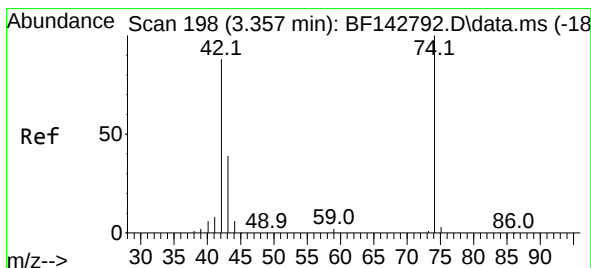
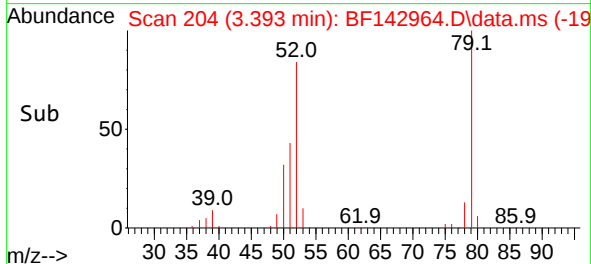
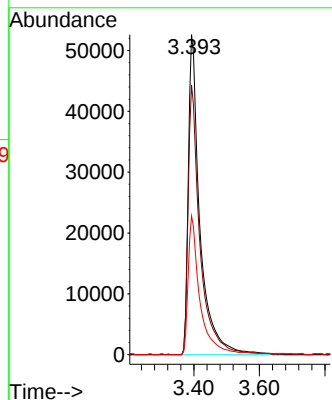
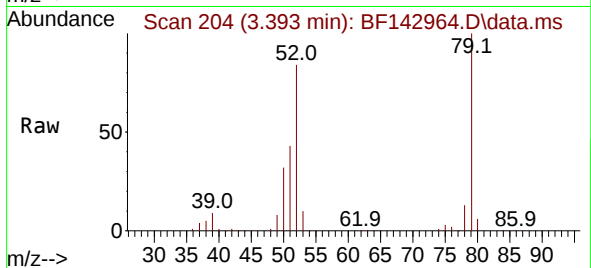




#3
Pyridine
Concen: 36.607 ng
RT: 3.393 min Scan# 207
Delta R.T. -0.018 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

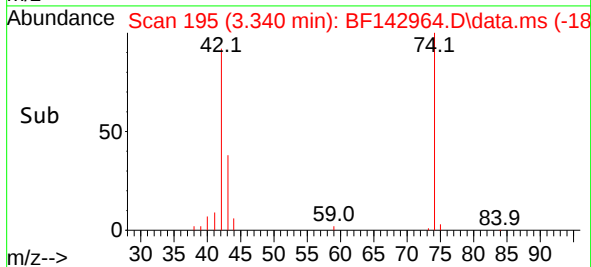
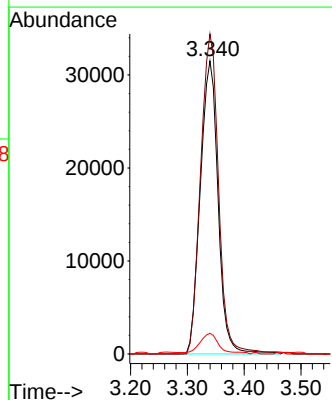
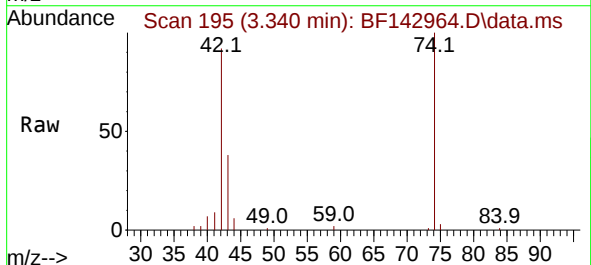
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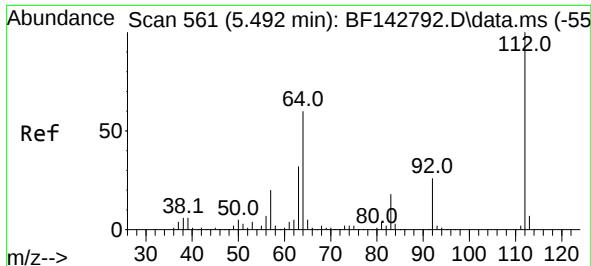
Tgt Ion: 79 Resp: 129715
Ion Ratio Lower Upper
79 100
52 84.2 69.2 103.8
51 43.4 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 37.370 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.018 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion: 42 Resp: 68475
Ion Ratio Lower Upper
42 100
74 109.2 90.9 136.3
44 7.0 5.8 8.6

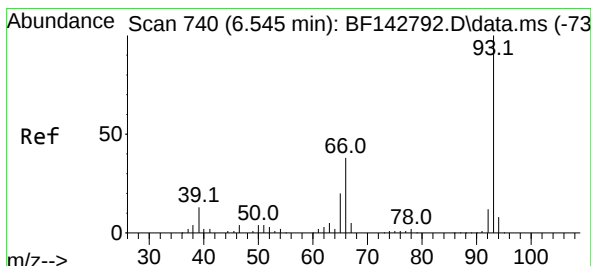
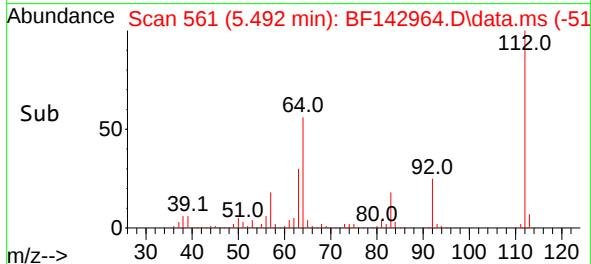
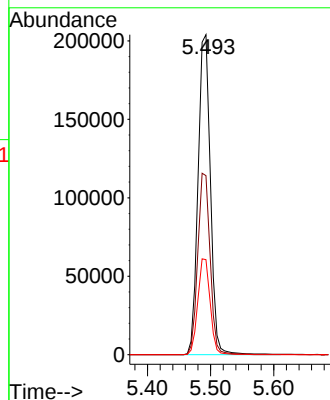
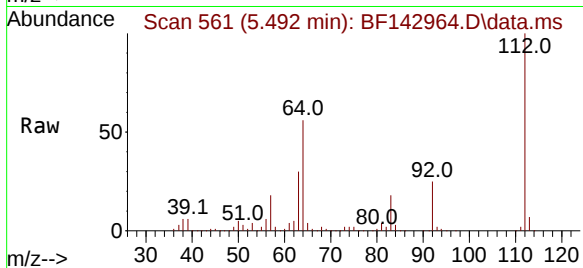




#5
2-Fluorophenol
Concen: 78.264 ng
RT: 5.492 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

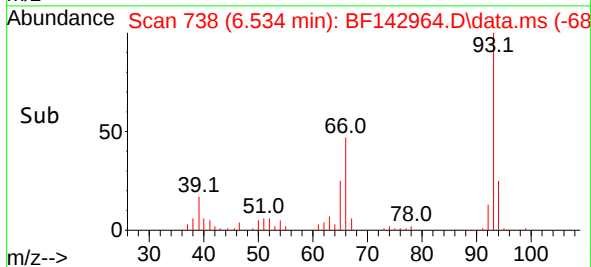
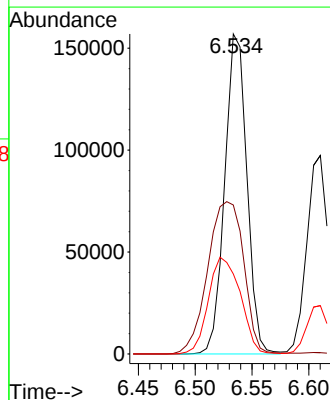
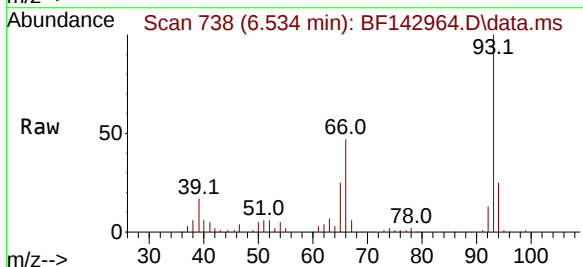
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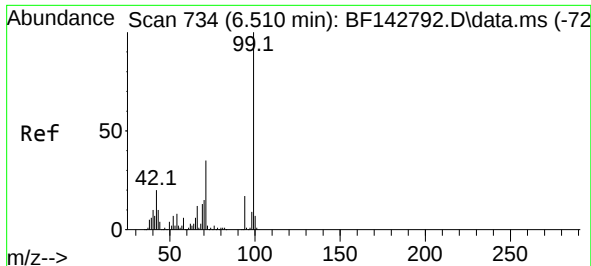
Tgt Ion:112 Resp: 276568
Ion Ratio Lower Upper
112 100
64 56.0 48.2 72.2
63 29.7 25.7 38.5



#6
Aniline
Concen: 38.399 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion: 93 Resp: 213019
Ion Ratio Lower Upper
93 100
66 46.5 31.8 47.6
65 25.0 16.2 24.2#

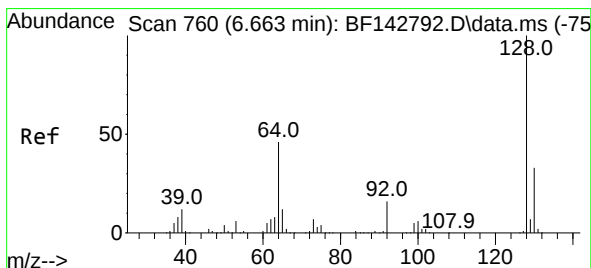
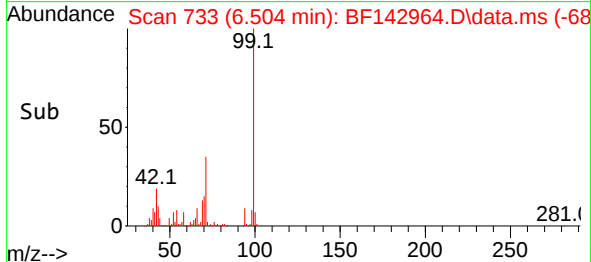
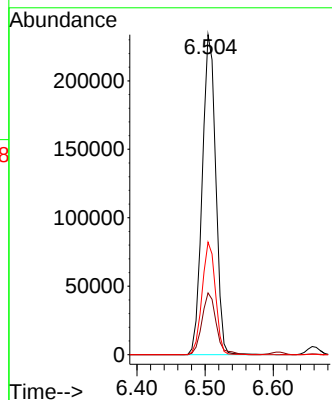
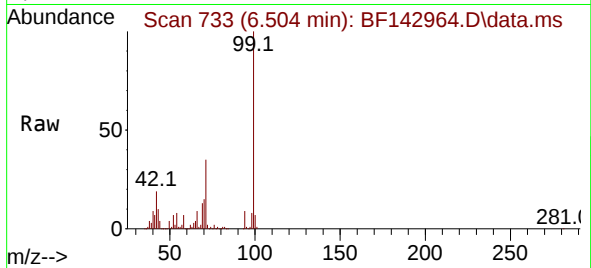




#7
Phenol-d6
Concen: 77.015 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

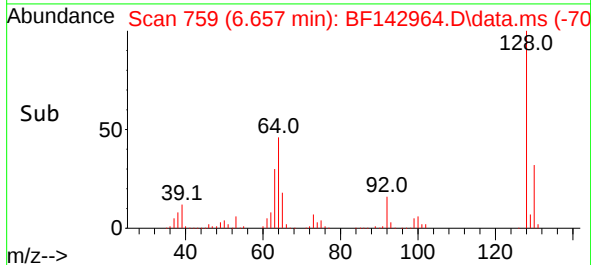
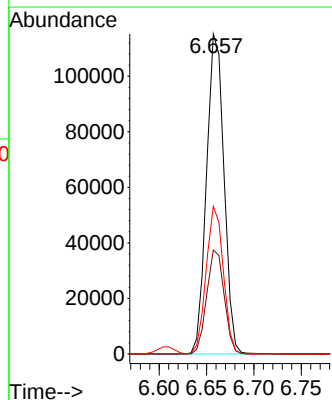
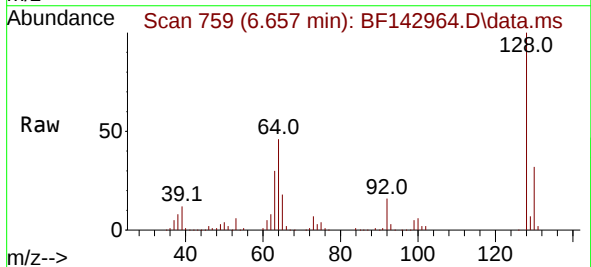
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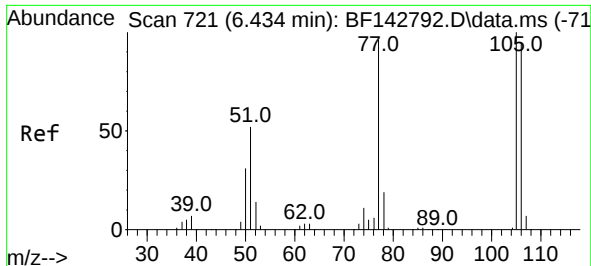
Tgt Ion: 99 Resp: 321092
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 35.2 27.8 41.8



#8
2-Chlorophenol
Concen: 38.633 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion: 128 Resp: 147268
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 46.1 26.5 66.5

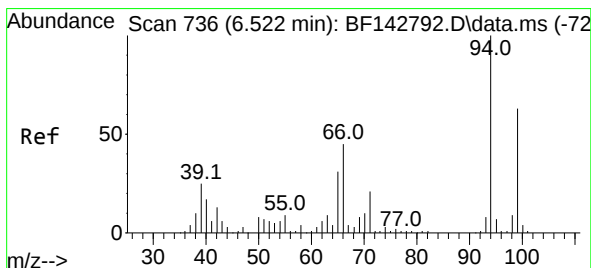
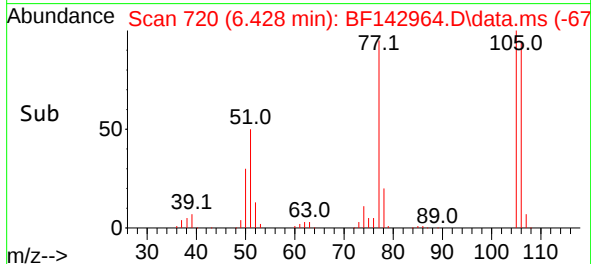
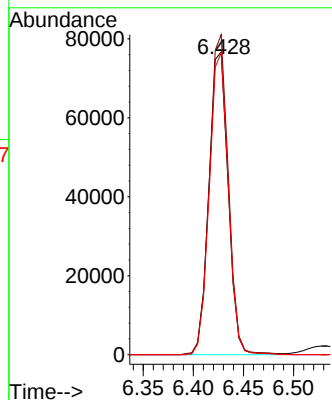
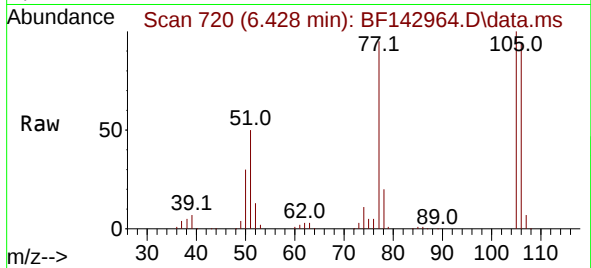




#9
Benzaldehyde
Concen: 41.363 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142964.D
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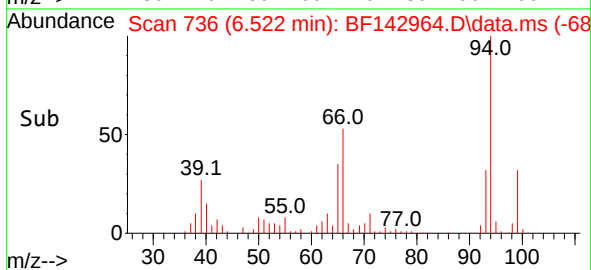
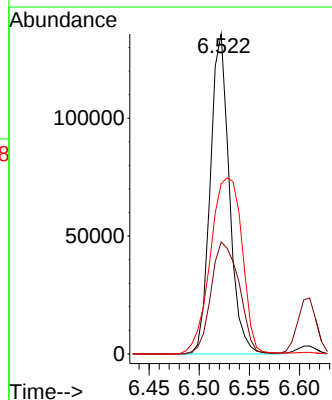
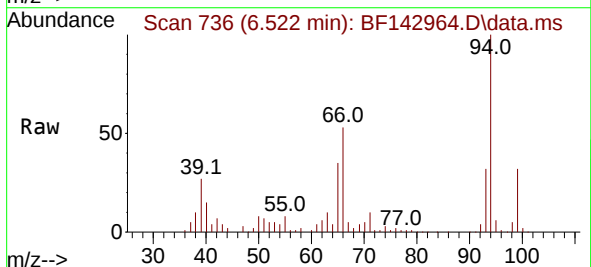
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 102310
Ion Ratio Lower Upper
77 100
105 105.7 83.8 123.8
106 99.8 78.7 118.7



#10
Phenol
Concen: 38.801 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142964.D
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Tgt Ion: 94 Resp: 179818
Ion Ratio Lower Upper
94 100
65 35.0 11.3 51.3
66 53.2 24.9 64.9

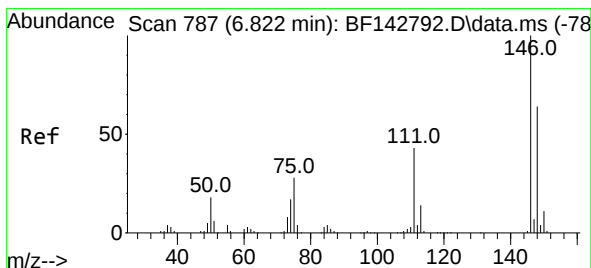
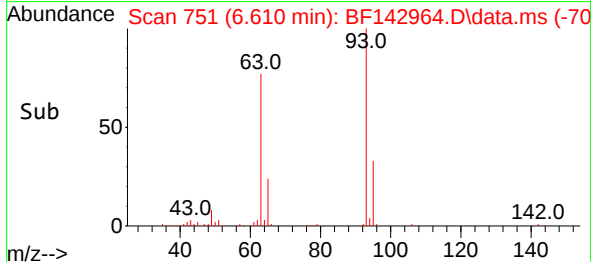
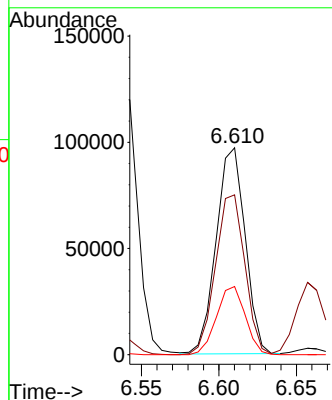
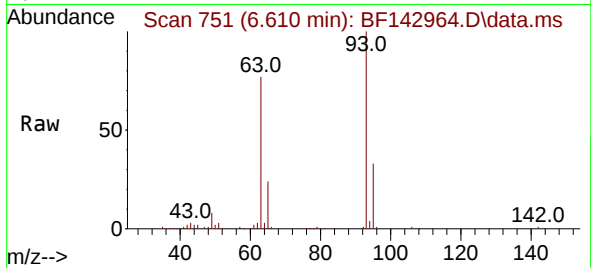




#11
bis(2-Chloroethyl)ether
Concen: 38.094 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

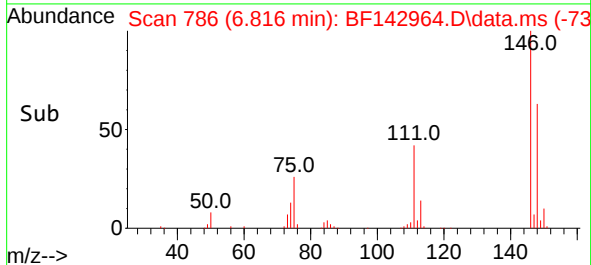
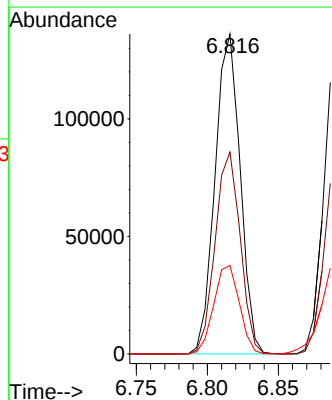
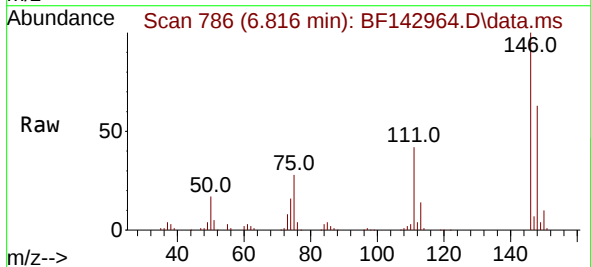
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

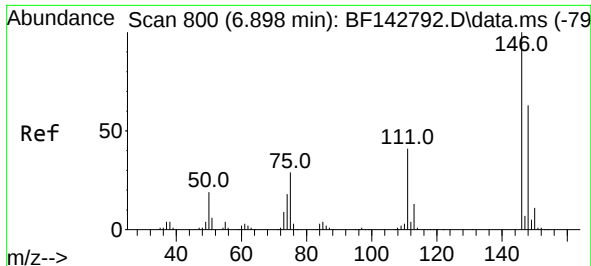
Tgt Ion: 93 Resp: 126176
Ion Ratio Lower Upper
93 100
63 77.3 60.3 100.3
95 32.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 39.362 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:146 Resp: 167807
Ion Ratio Lower Upper
146 100
148 63.1 51.1 76.7
75 27.7 22.7 34.1

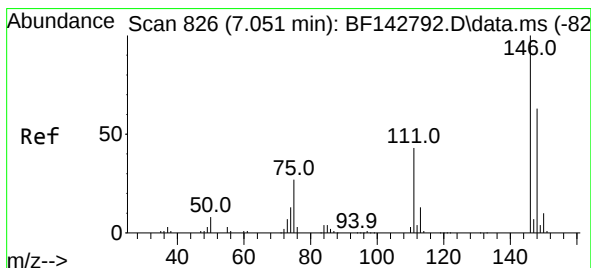
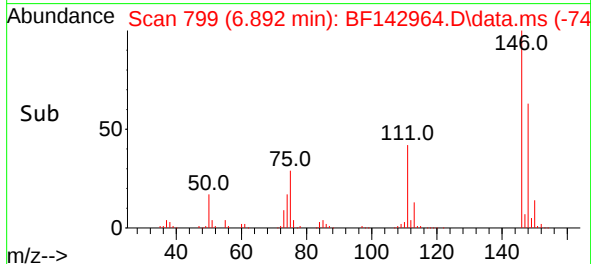
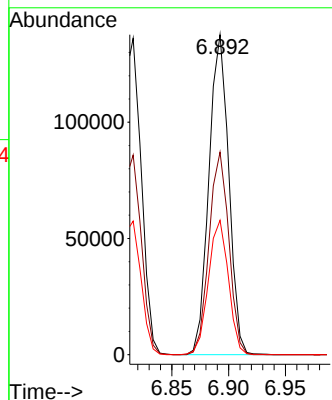
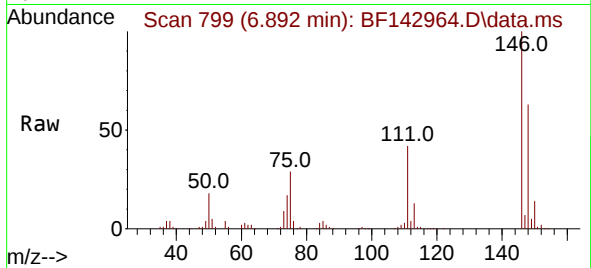




#13
1,4-Dichlorobenzene
Concen: 38.838 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

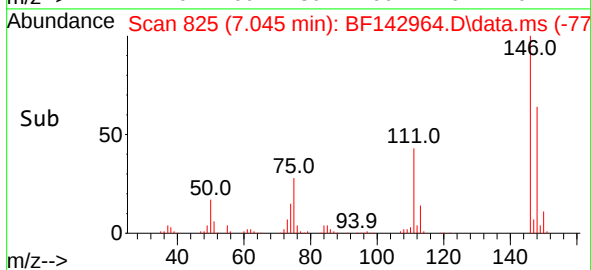
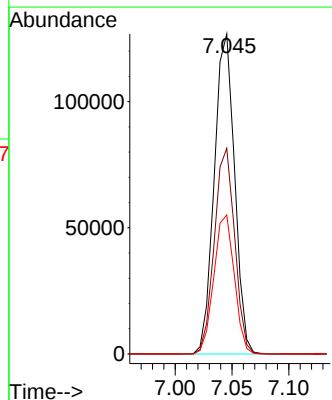
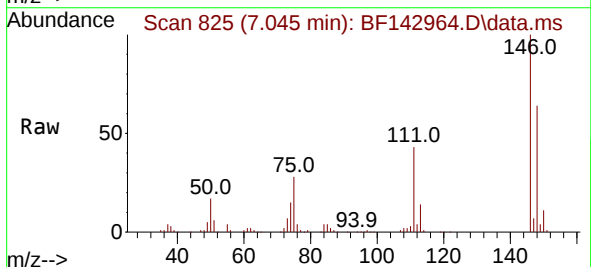
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

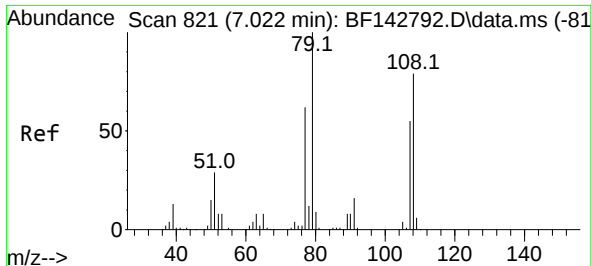
Tgt Ion:146 Resp: 167051
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.2
111 42.0 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 38.750 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:146 Resp: 158089
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
111 43.5 34.1 51.1

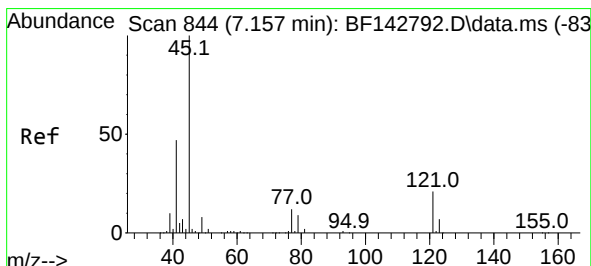
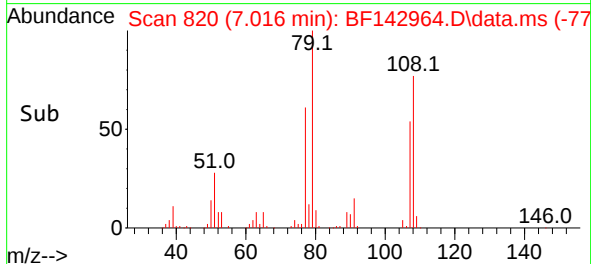
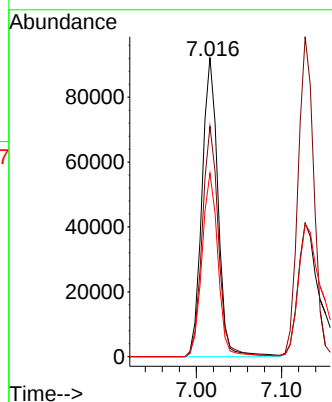
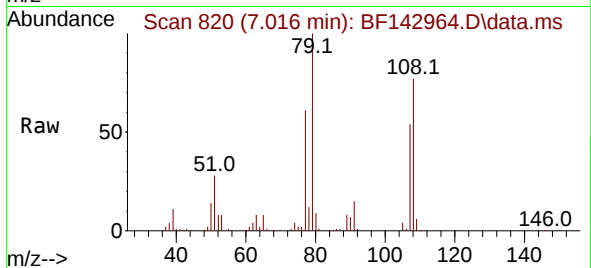




#15
Benzyl Alcohol
Concen: 39.888 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

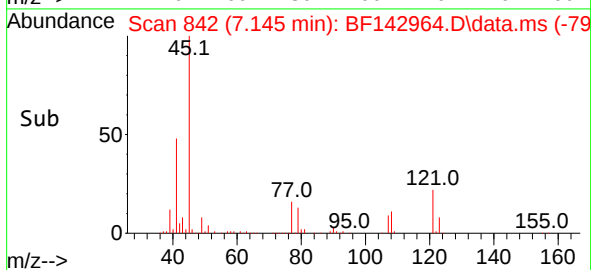
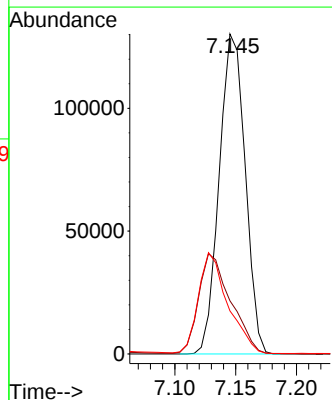
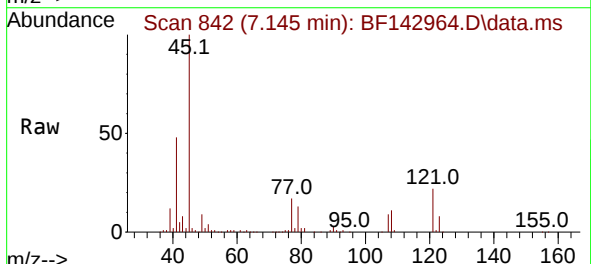
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

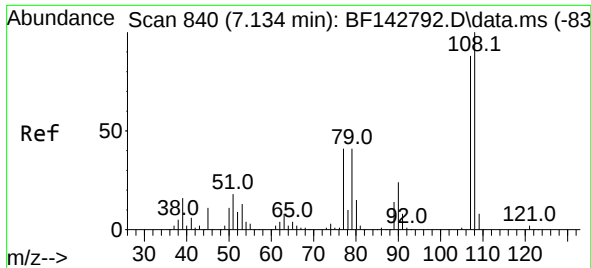
Tgt Ion: 79 Resp: 120225
Ion Ratio Lower Upper
79 100
108 77.0 63.4 95.0
77 61.4 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.334 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion: 45 Resp: 193355
Ion Ratio Lower Upper
45 100
77 16.6 0.0 32.8
79 13.4 0.0 29.8

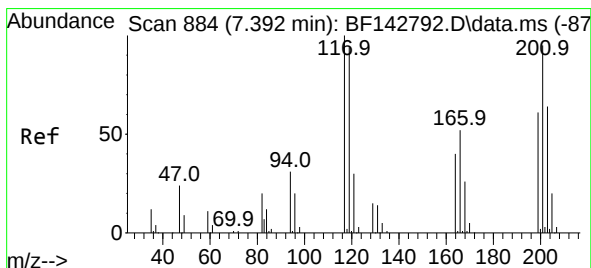
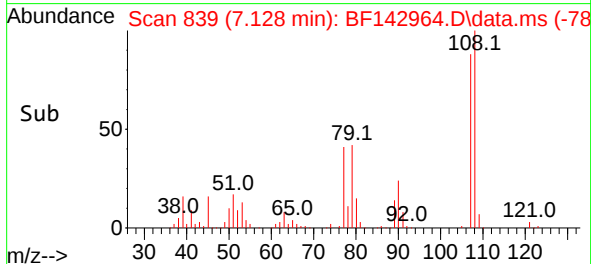
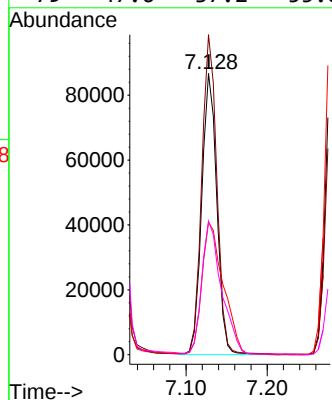
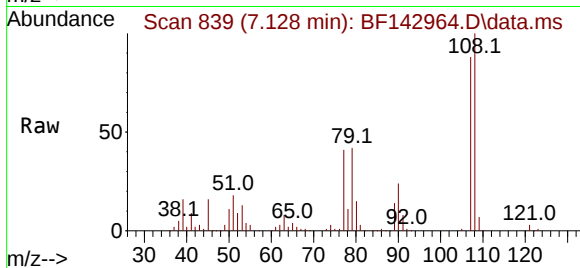




#17
2-Methylphenol
Concen: 38.742 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

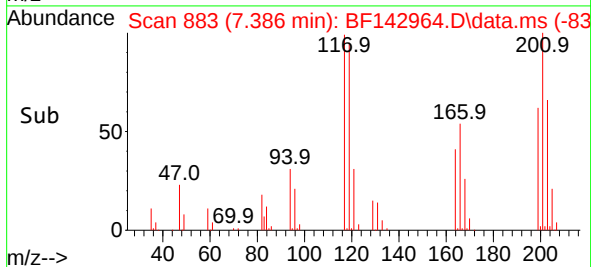
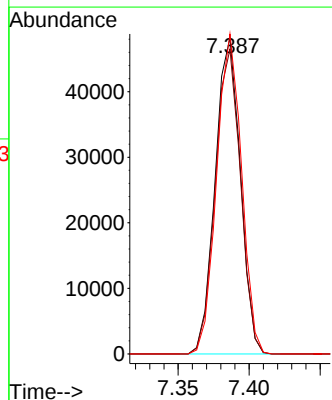
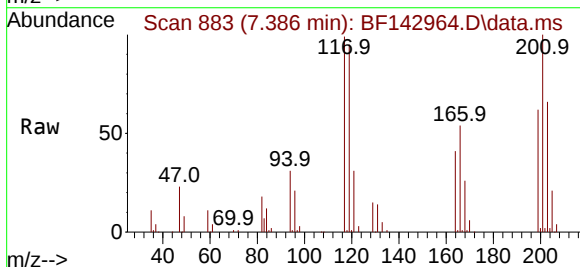
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	111915
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	47.1	37.3	55.9
79	47.6	37.2	55.8



#18
Hexachloroethane
Concen: 39.504 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:	117	Resp:	59432
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
201	101.1	75.9	113.9



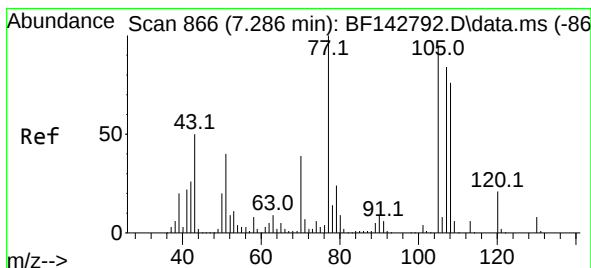
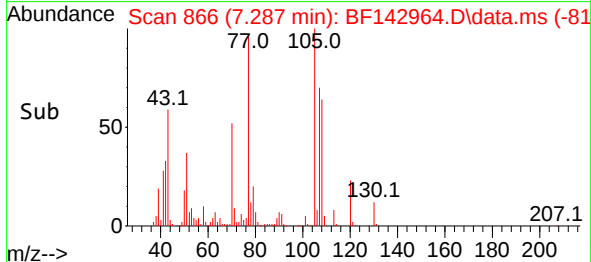
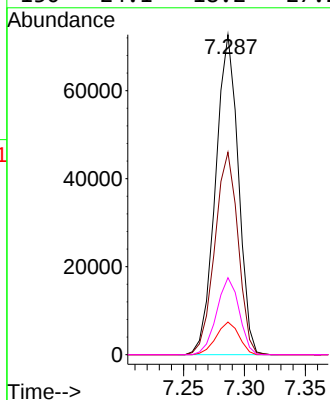
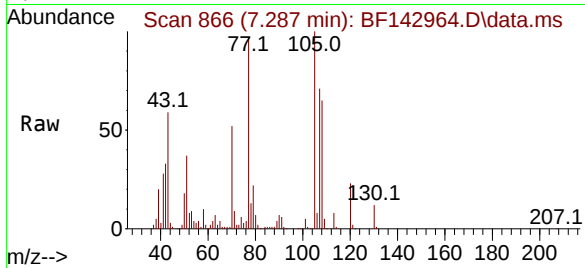


#19
n-Nitroso-di-n-propylamine
Concen: 39.120 ng
RT: 7.287 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 94859

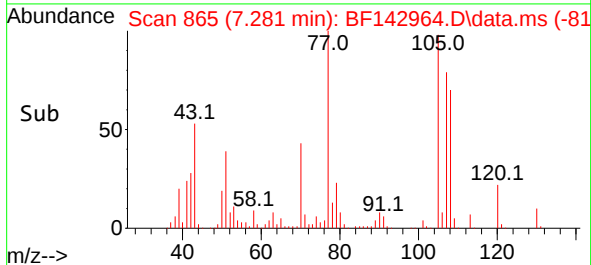
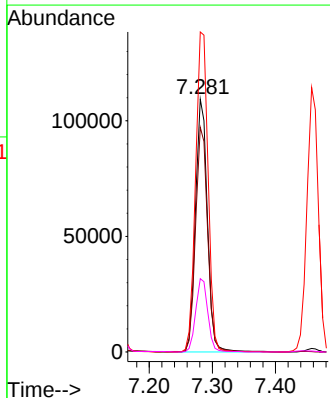
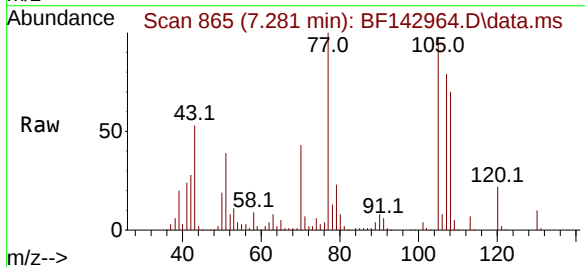
Ion	Ratio	Lower	Upper
70	100		
42	63.2	52.1	78.1
101	10.2	8.2	12.2
130	24.1	18.2	27.2

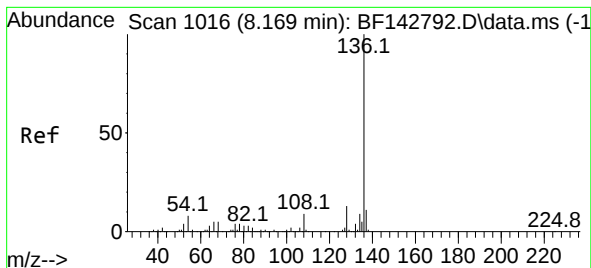


#20
3+4-Methylphenols
Concen: 39.858 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion: 107 Resp: 143560

Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.0	110.0
77	126.6	98.5	138.5
79	29.0	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 223613

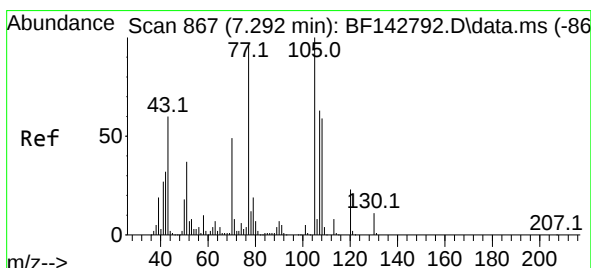
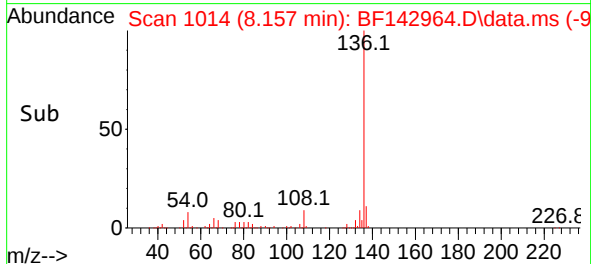
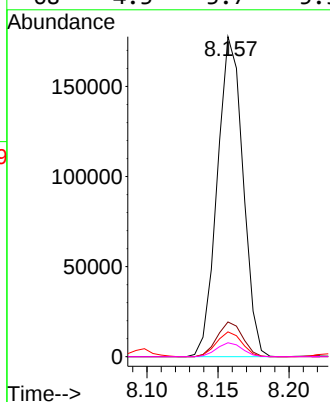
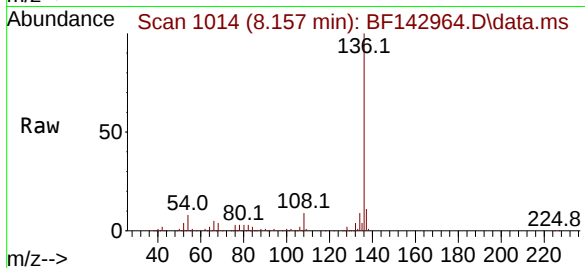
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.7 6.3 9.5

68 4.3 3.7 5.5



#22

Acetophenone

Concen: 38.808 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Tgt Ion:105 Resp: 191366

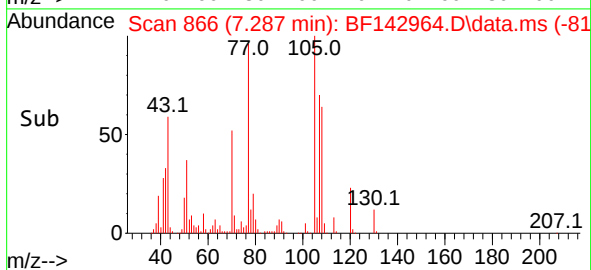
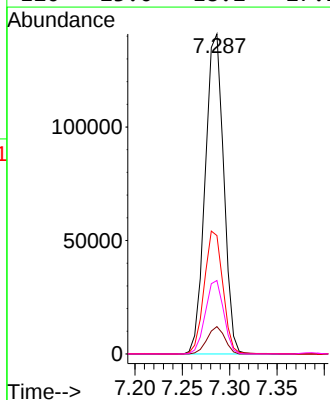
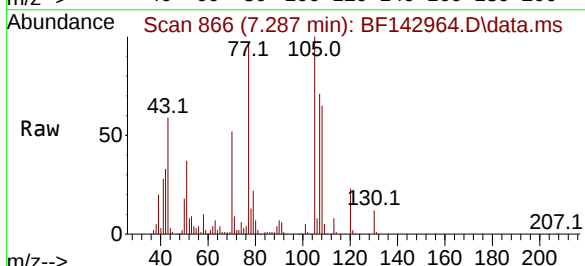
Ion Ratio Lower Upper

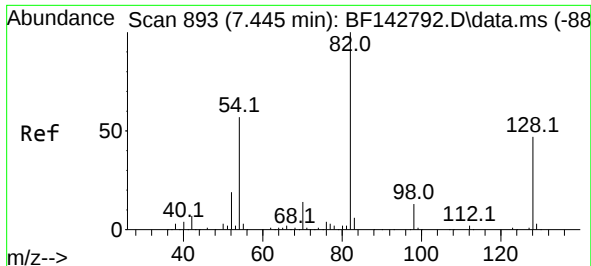
105 100

71 8.6 6.5 9.7

51 37.0 29.8 44.8

120 23.0 18.2 27.2

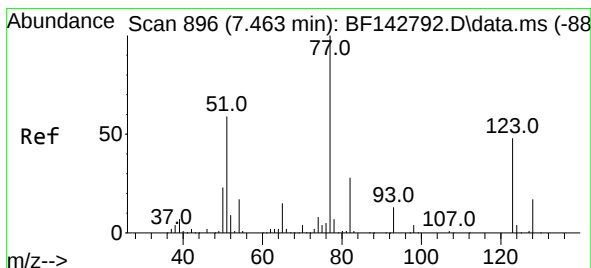
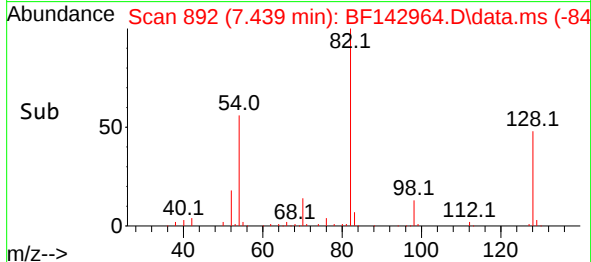
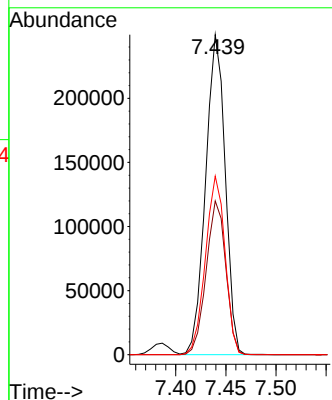
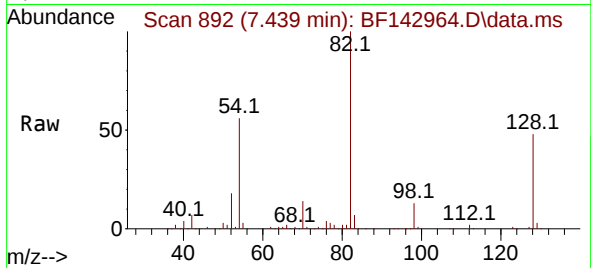




#23
Nitrobenzene-d5
Concen: 83.519 ng
RT: 7.439 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

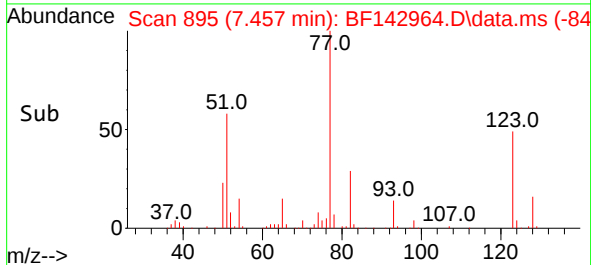
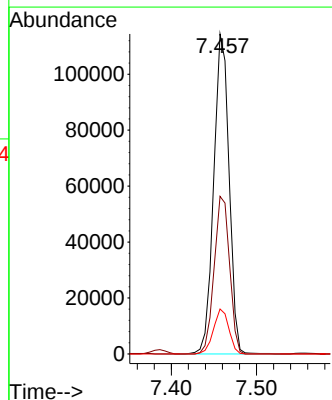
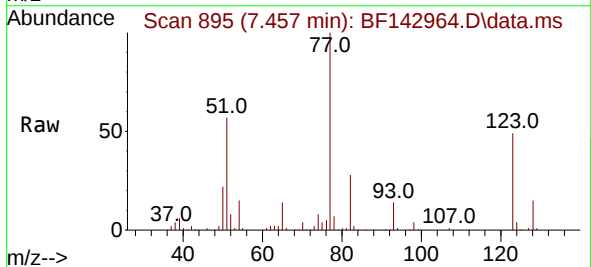
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

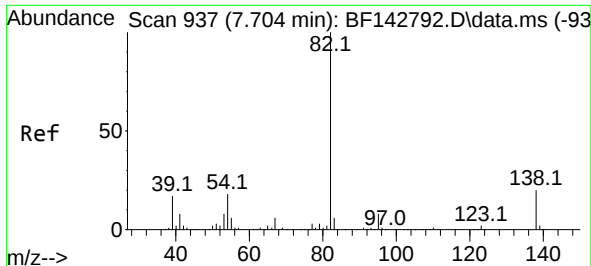
Tgt Ion: 82 Resp: 340484
Ion Ratio Lower Upper
82 100
128 48.0 37.7 56.5
54 55.8 45.7 68.5



#24
Nitrobenzene
Concen: 38.821 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion: 77 Resp: 143245
Ion Ratio Lower Upper
77 100
123 49.2 39.2 58.8
65 14.1 11.6 17.4

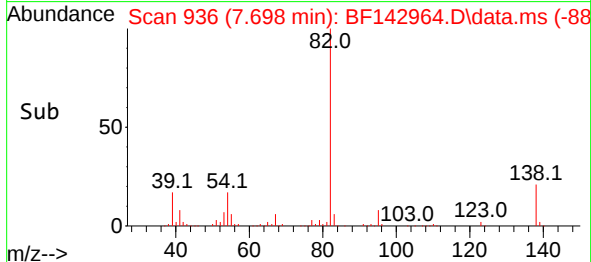
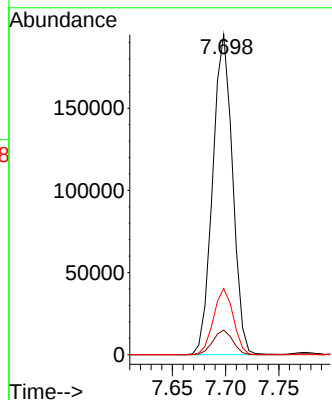
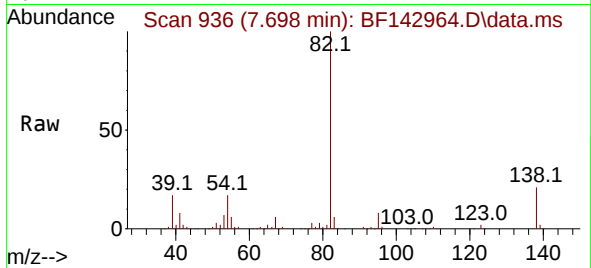




#25
Isophorone
Concen: 38.611 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

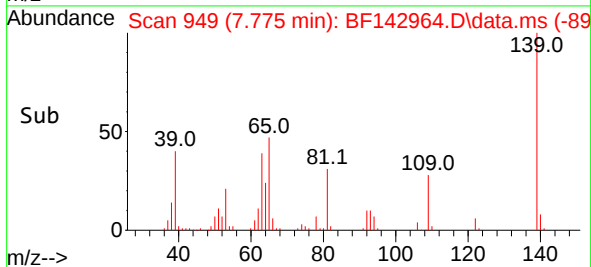
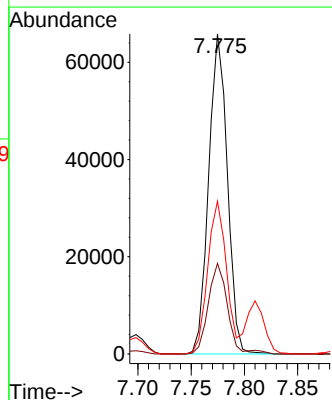
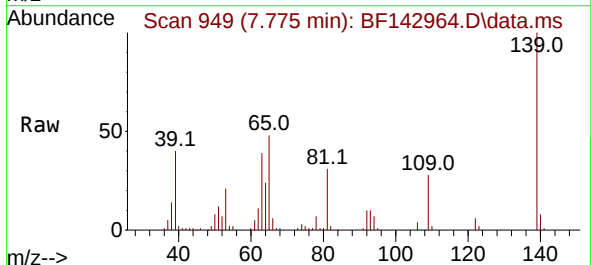
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

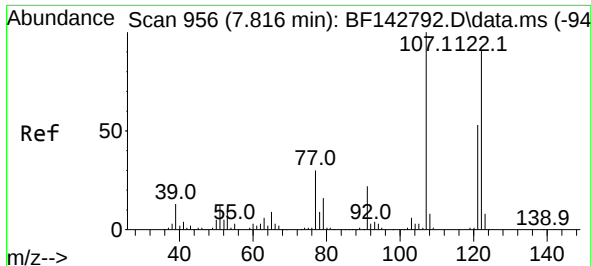
Tgt Ion: 82 Resp: 252508
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.6 16.2 24.4



#26
2-Nitrophenol
Concen: 39.896 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:139 Resp: 80191
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 47.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 38.663 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

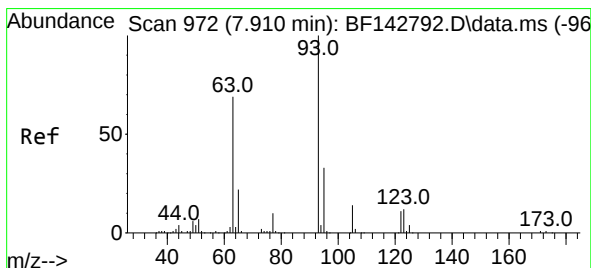
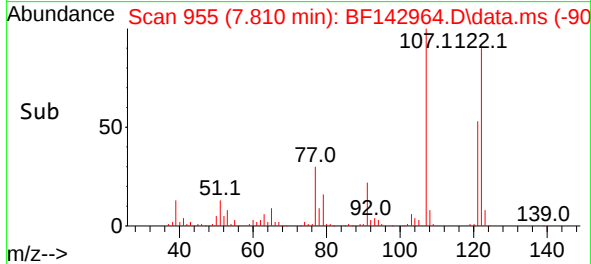
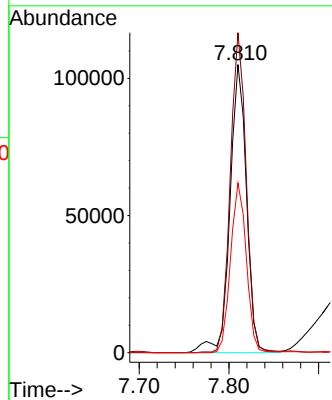
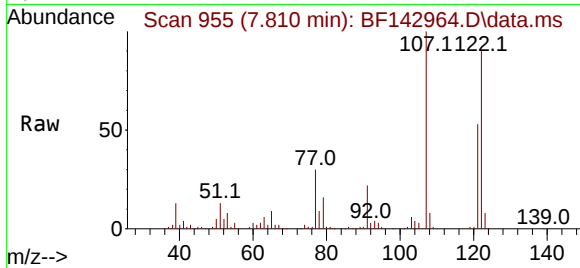
Tgt Ion:122 Resp: 134614

Ion Ratio Lower Upper

122 100

107 111.1 88.0 132.0

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.695 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

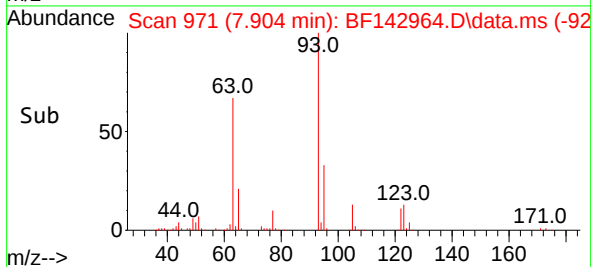
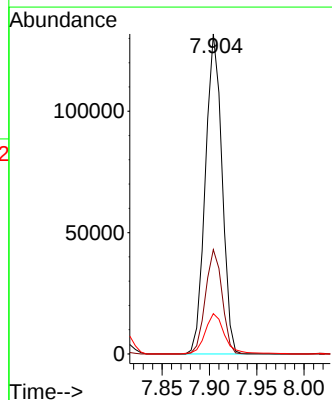
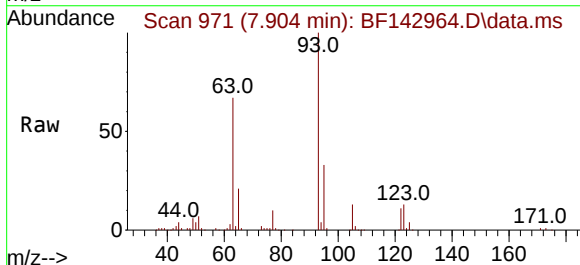
Tgt Ion: 93 Resp: 160881

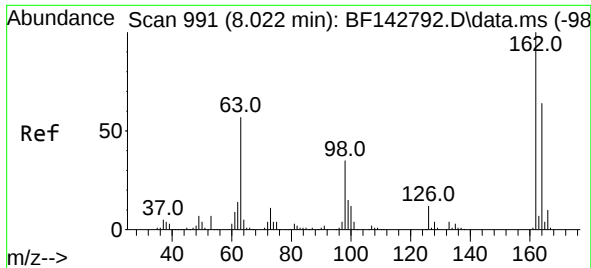
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 38.979 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

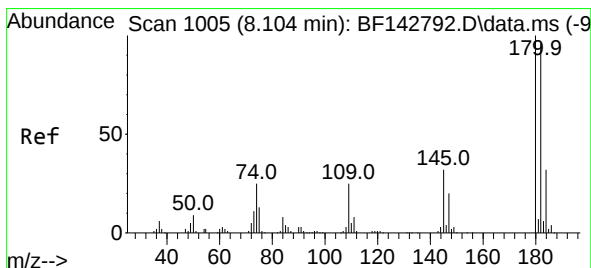
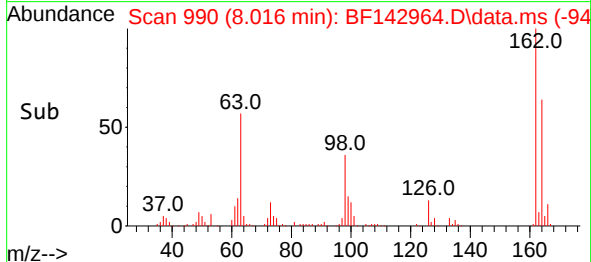
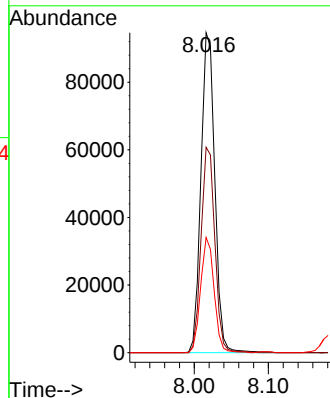
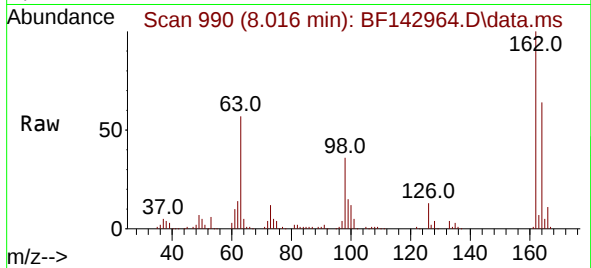
Tgt Ion:162 Resp: 123052

Ion Ratio Lower Upper

162 100

164 64.2 44.0 84.0

98 36.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 39.253 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

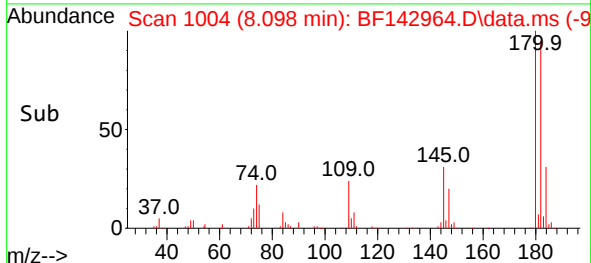
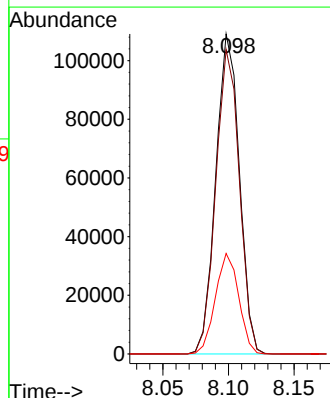
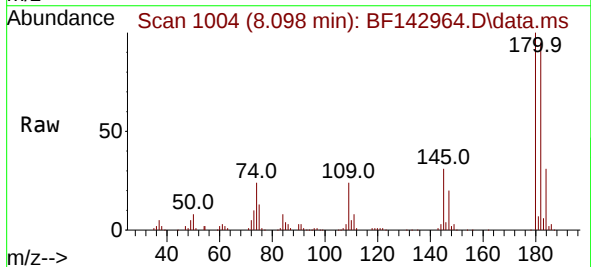
Tgt Ion:180 Resp: 136262

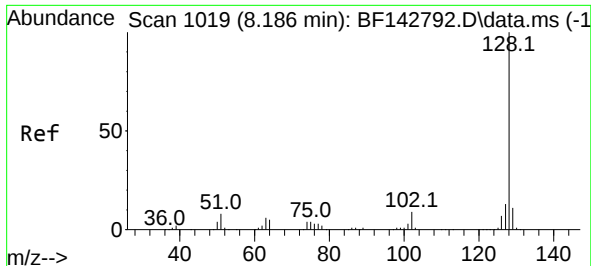
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 31.4 25.8 38.8

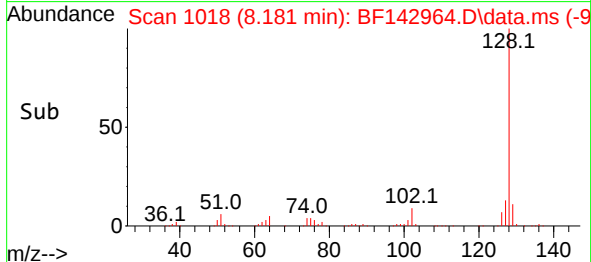
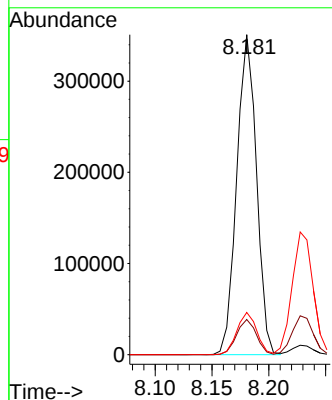
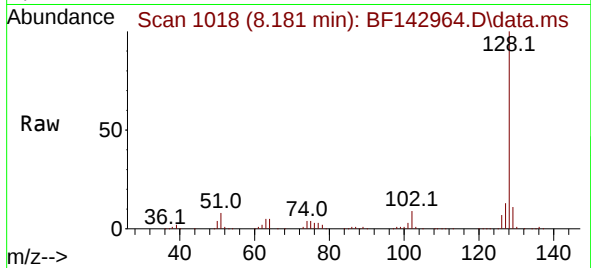




#31
Naphthalene
Concen: 38.685 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

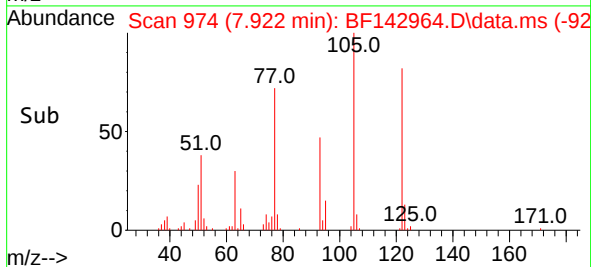
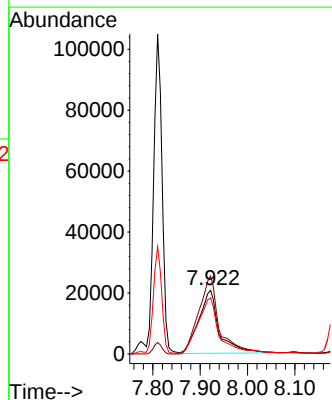
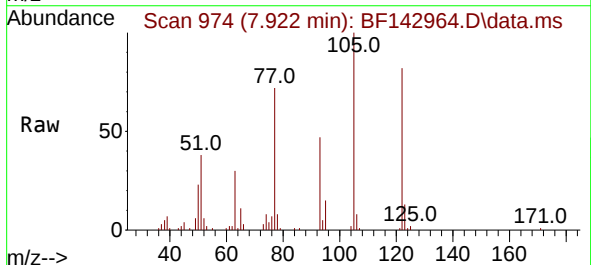
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

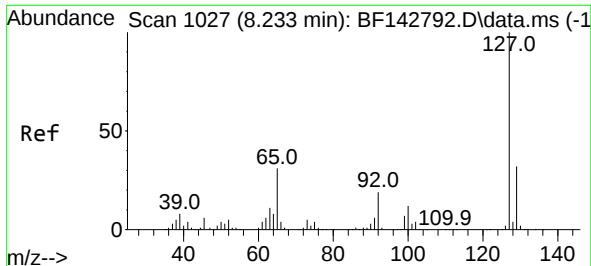
Tgt Ion:128 Resp: 423430
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 35.216 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:122 Resp: 62494
Ion Ratio Lower Upper
122 100
105 122.4 104.7 144.7
77 88.0 70.2 110.2

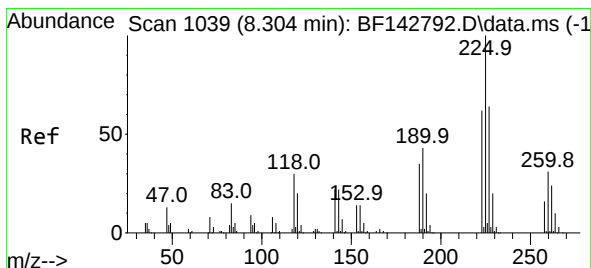
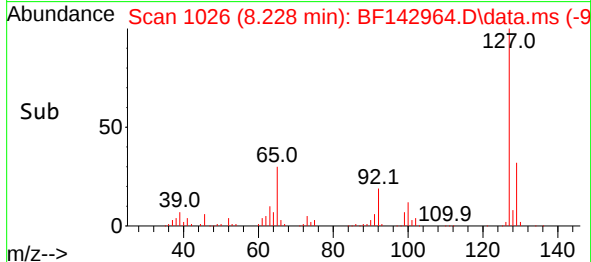
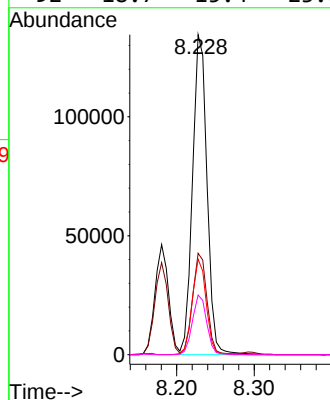
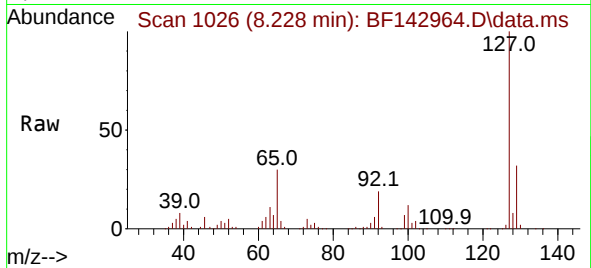




#33
4-Chloroaniline
Concen: 39.223 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

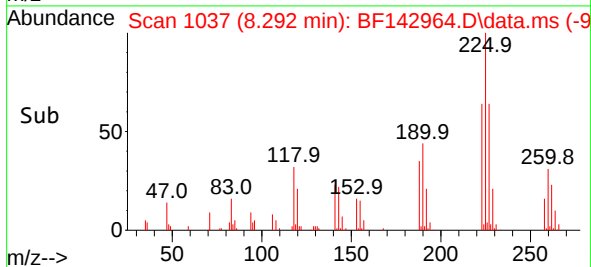
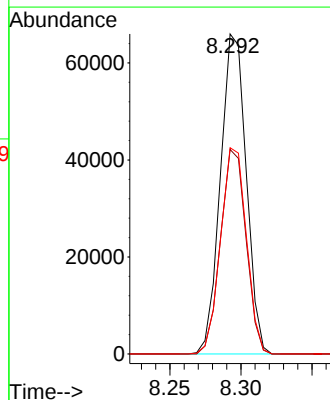
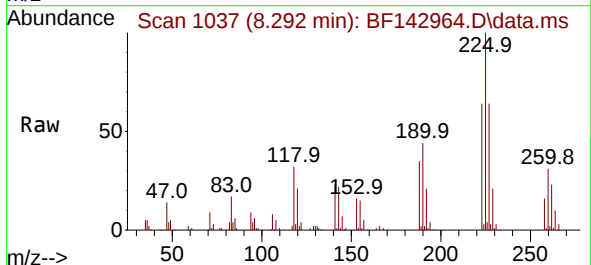
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

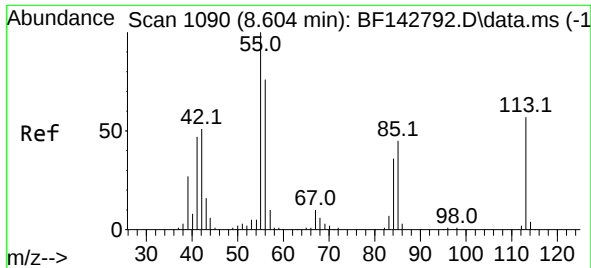
Tgt Ion:127	Resp: 174568
Ion Ratio	Lower Upper
127 100	
129 31.7	25.9 38.9
65 29.8	24.6 36.8
92 18.7	15.4 23.0



#34
Hexachlorobutadiene
Concen: 39.233 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:225	Resp: 83307
Ion Ratio	Lower Upper
225 100	
223 63.9	49.9 74.9
227 64.4	51.4 77.0

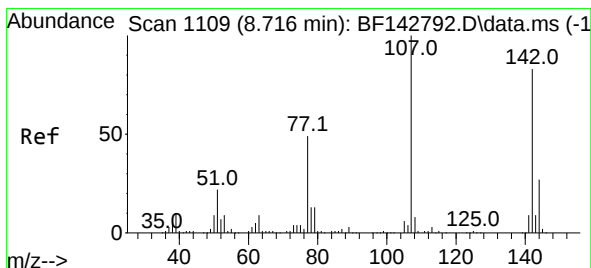
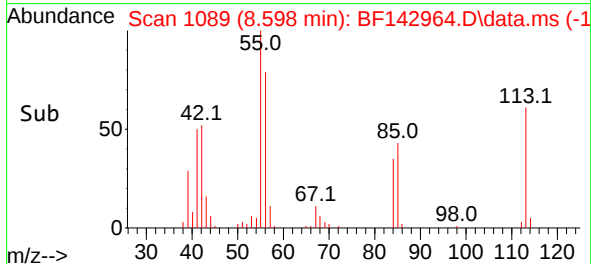
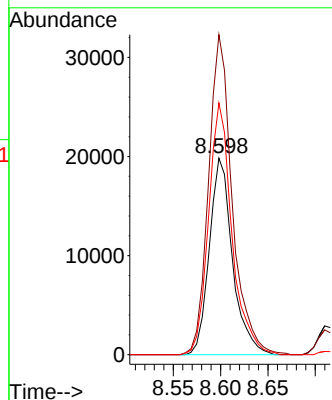
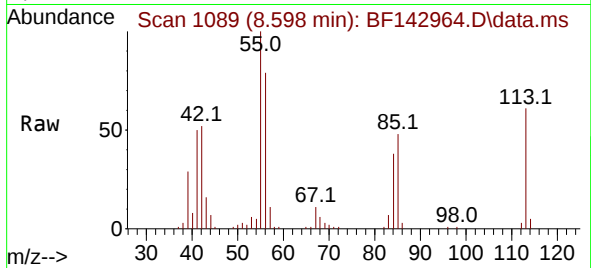




#35
 Caprolactam
 Concen: 40.458 ng
 RT: 8.598 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF142964.D
 Acq: 02 Jul 2025 11:41

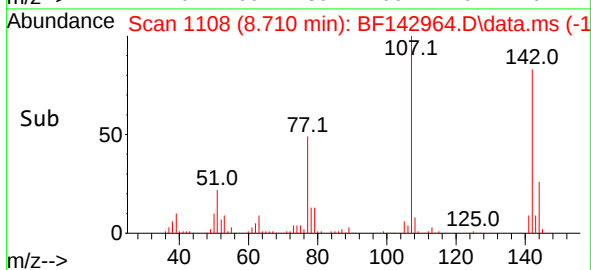
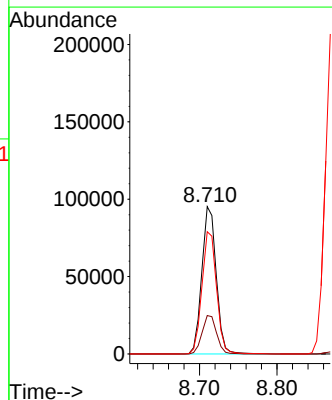
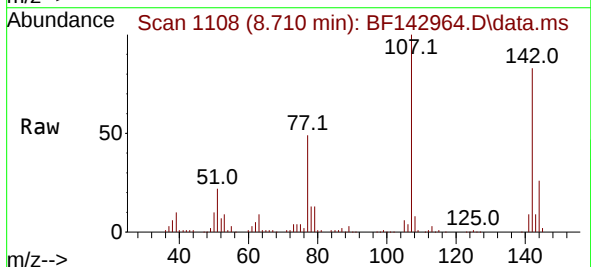
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

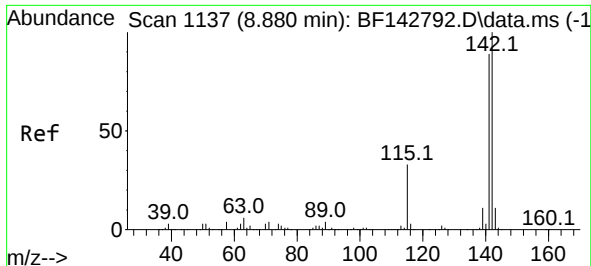
Tgt Ion:113 Resp: 33703
 Ion Ratio Lower Upper
 113 100
 55 162.9 154.4 194.4
 56 128.2 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 39.235 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF142964.D
 Acq: 02 Jul 2025 11:41

Tgt Ion:107 Resp: 123098
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.3 31.9
 142 83.0 66.6 100.0





#37

2-Methylnaphthalene

Concen: 39.587 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

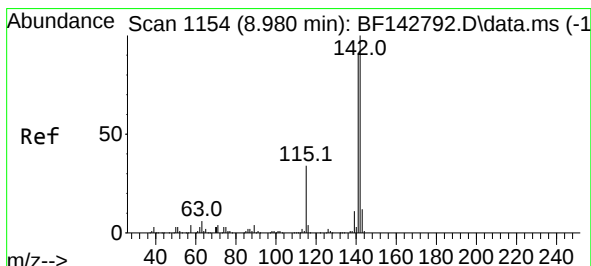
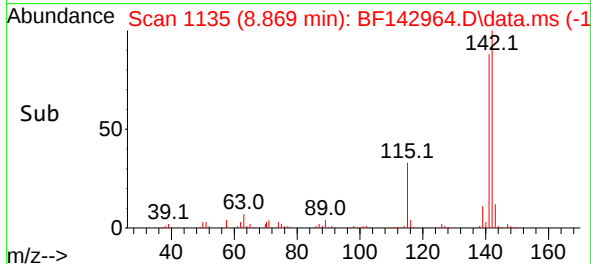
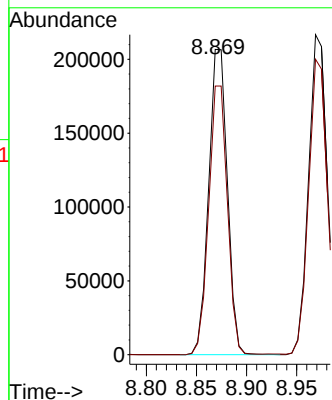
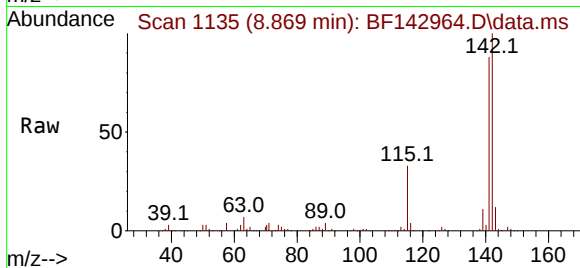
SSTDCCC040

Tgt Ion:142 Resp: 268630

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 39.278 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF142964.D

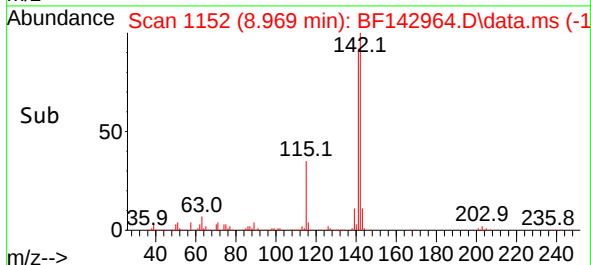
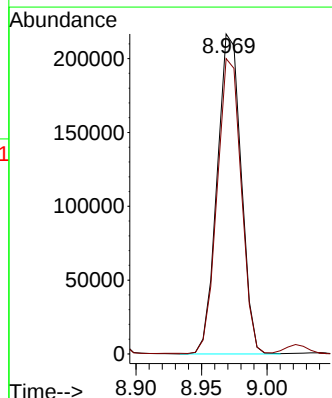
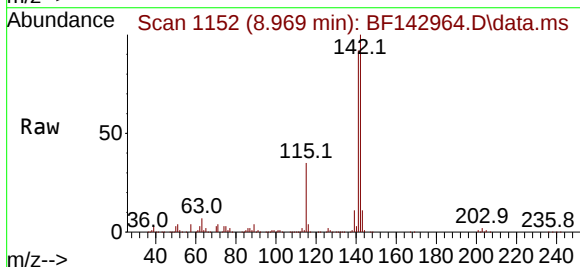
Acq: 02 Jul 2025 11:41

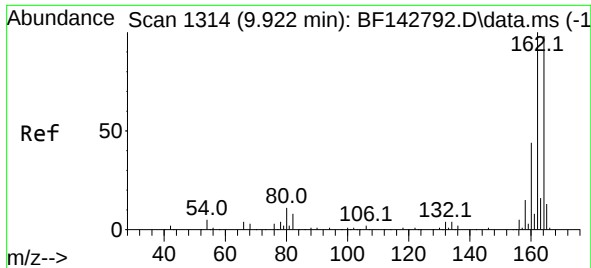
Tgt Ion:142 Resp: 275913

Ion Ratio Lower Upper

142 100

141 92.3 73.0 109.4

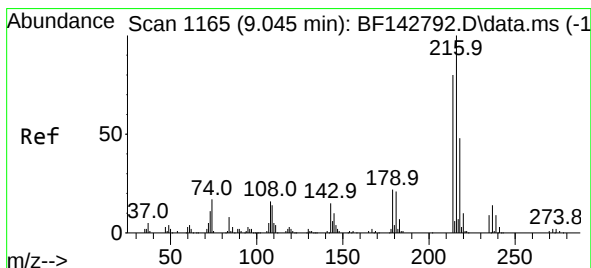
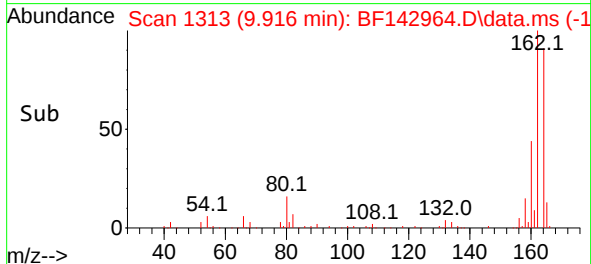
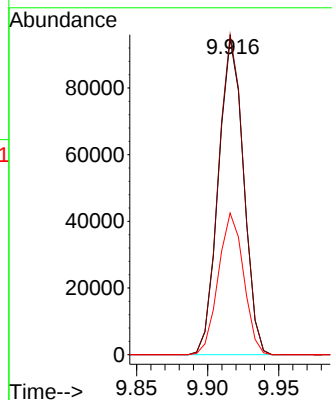
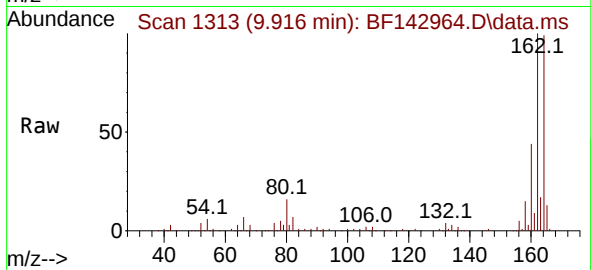




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

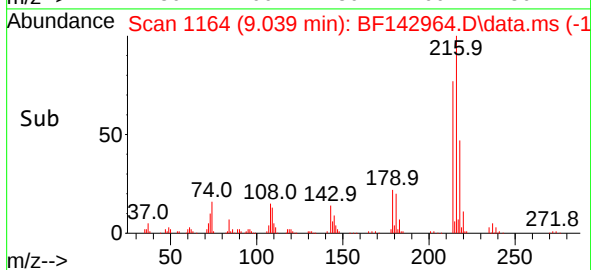
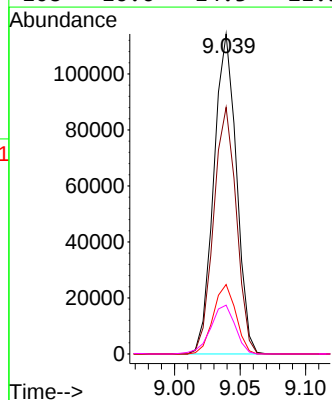
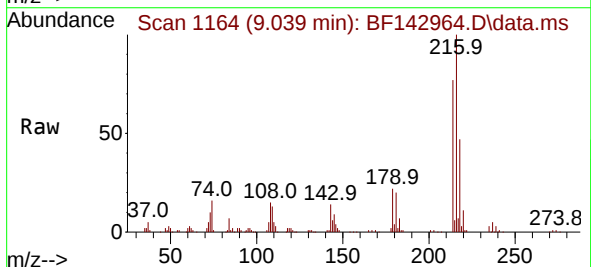
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

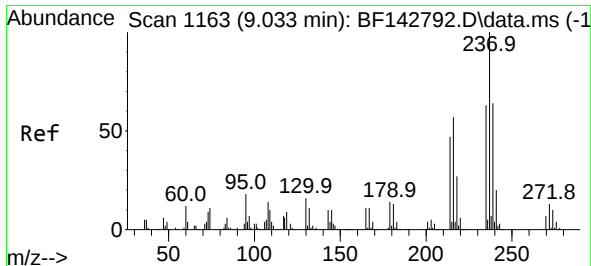
Tgt Ion:164 Resp: 116653
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.8
160 44.8 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.828 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:216 Resp: 137091
Ion Ratio Lower Upper
216 100
214 77.2 63.7 95.5
179 21.7 17.6 26.4
108 16.6 14.3 21.5

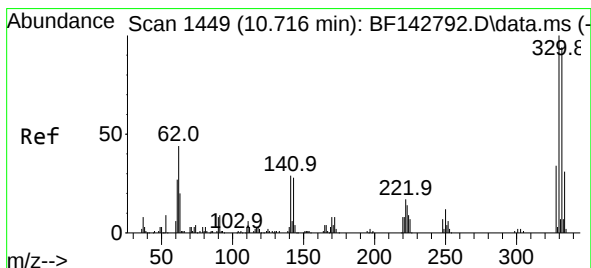
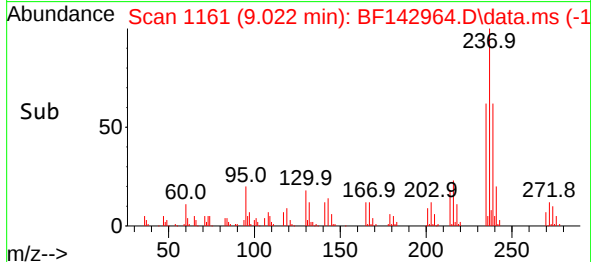
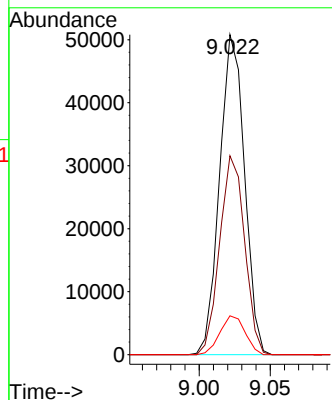
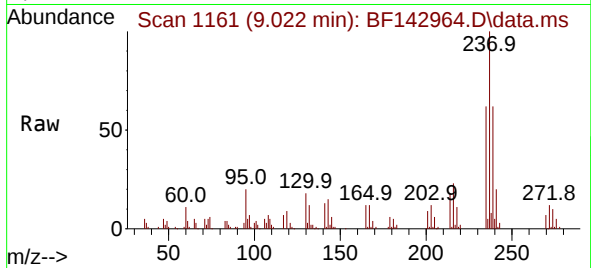




#41
Hexachlorocyclopentadiene
Concen: 31.704 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

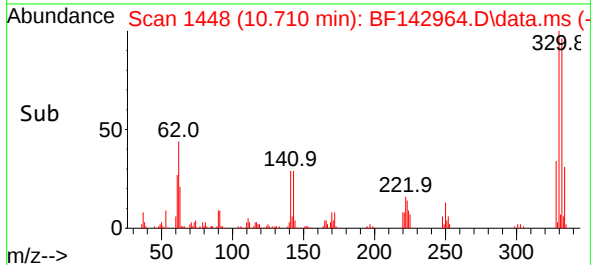
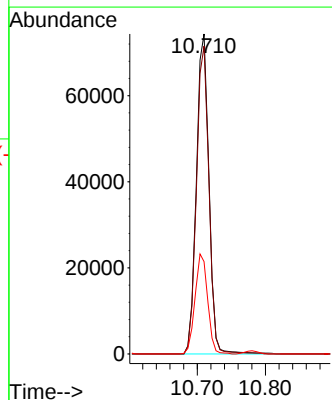
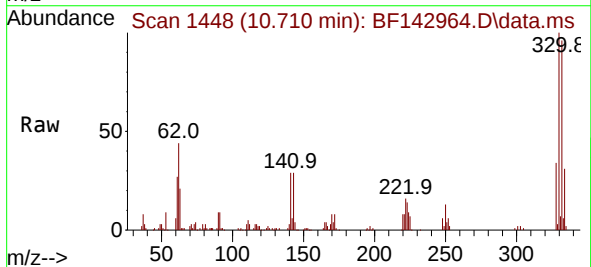
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

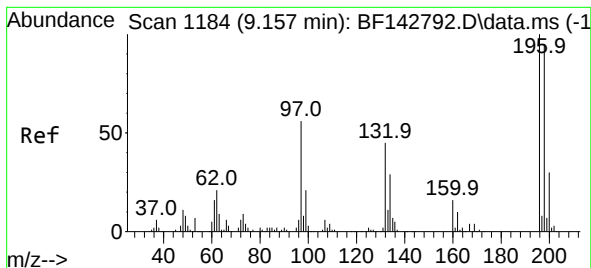
Tgt Ion:237 Resp: 61927
Ion Ratio Lower Upper
237 100
235 62.2 43.4 83.4
272 12.2 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 79.070 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:330 Resp: 94919
Ion Ratio Lower Upper
330 100
332 95.5 75.0 112.6
141 31.4 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 38.549 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

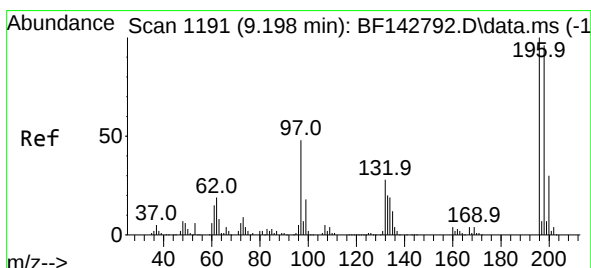
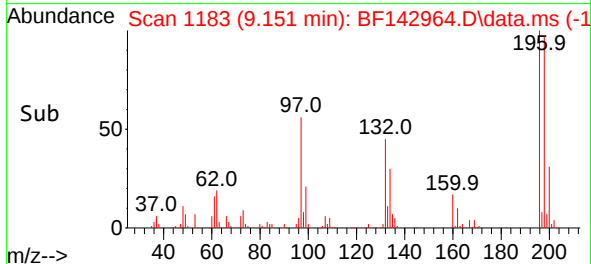
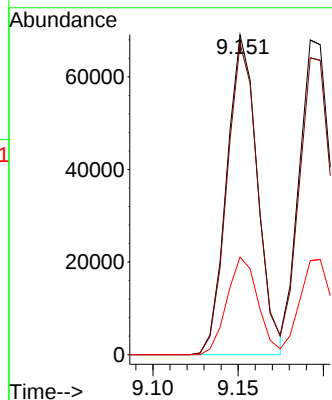
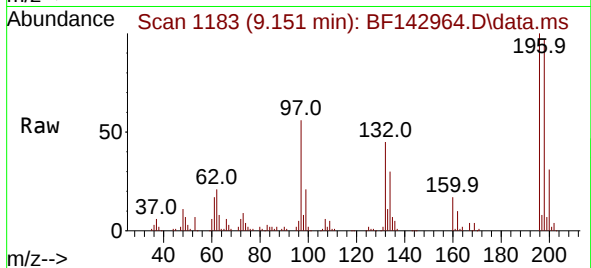
Tgt Ion:196 Resp: 86463

Ion Ratio Lower Upper

196 100

198 97.3 76.2 114.2

200 30.5 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 38.640 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Tgt Ion:196 Resp: 91232

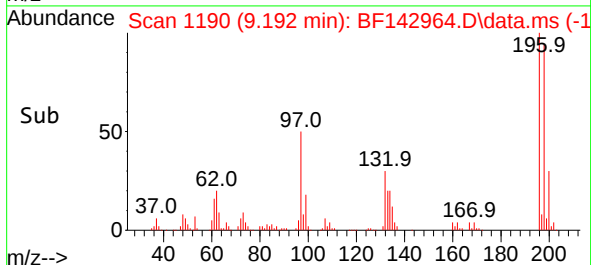
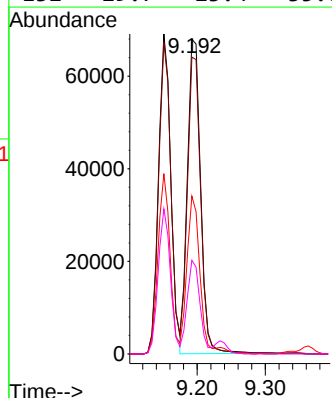
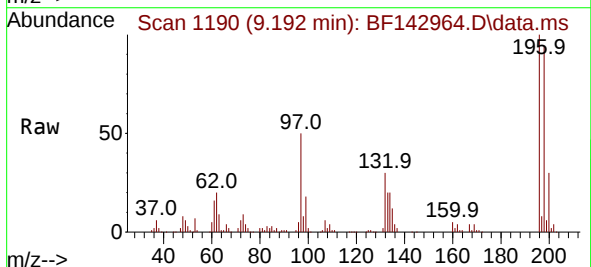
Ion Ratio Lower Upper

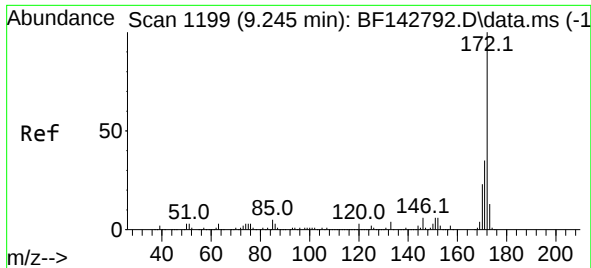
196 100

198 94.3 76.6 115.0

97 50.1 38.2 57.2

132 29.7 23.4 35.0

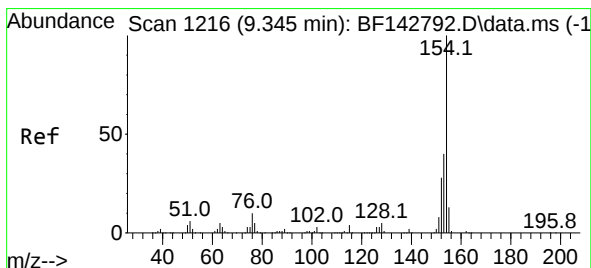
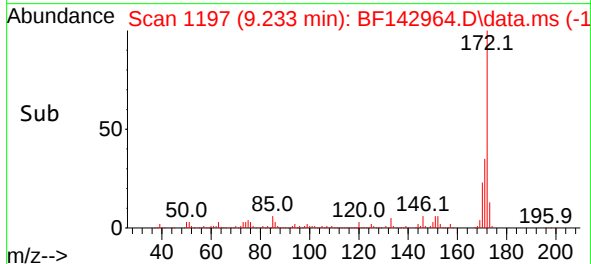
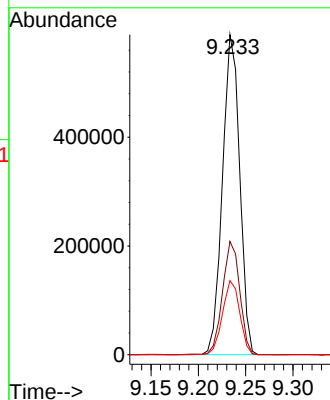
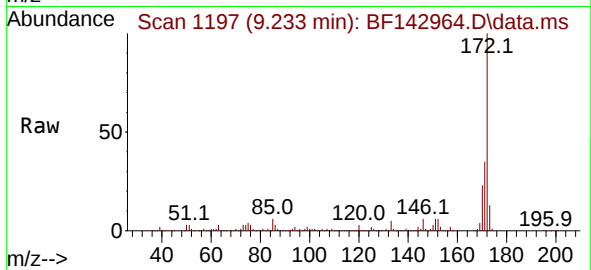




#45
2-Fluorobiphenyl
Concen: 83.974 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

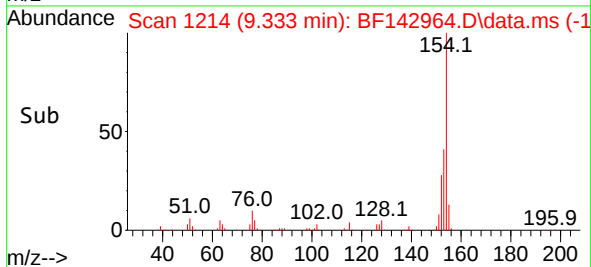
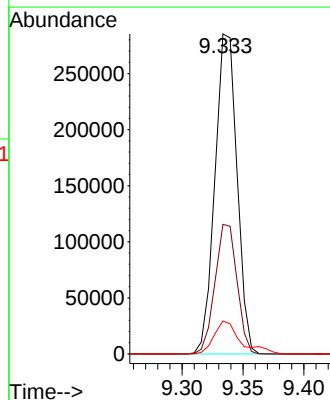
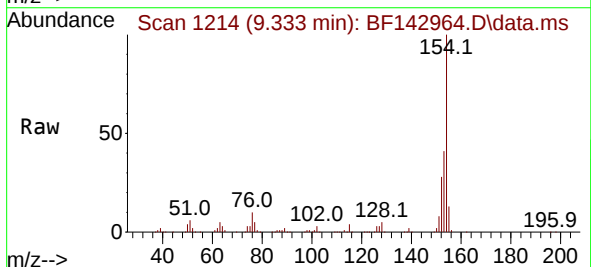
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

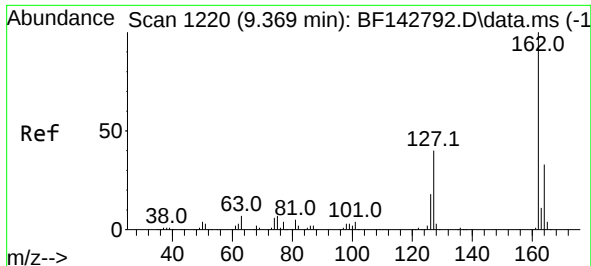
Tgt Ion:172 Resp: 745681
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 39.088 ng
RT: 9.333 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:154 Resp: 360192
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 38.477 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

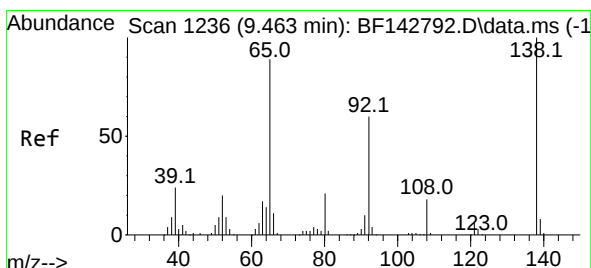
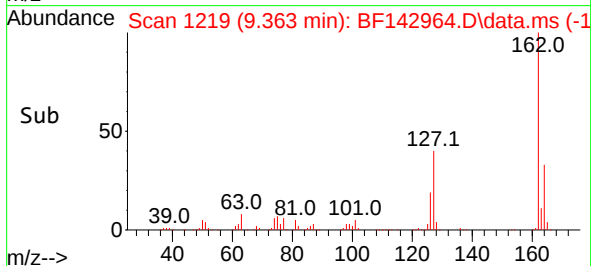
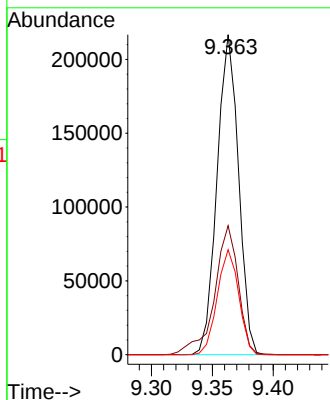
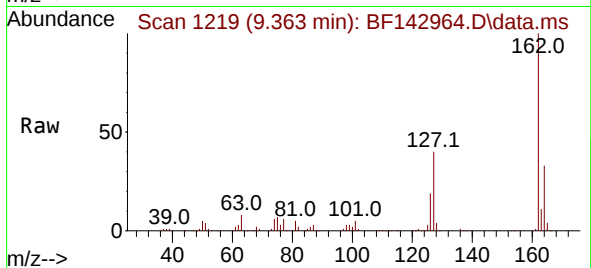
Tgt Ion:162 Resp: 266073

Ion Ratio Lower Upper

162 100

127 40.3 32.2 48.2

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 39.215 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

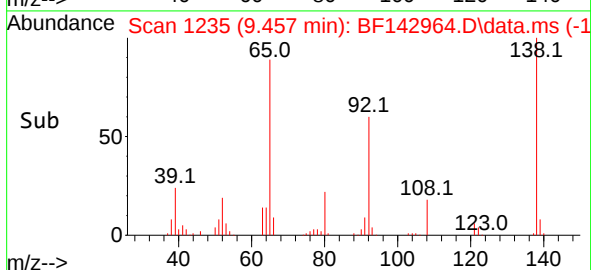
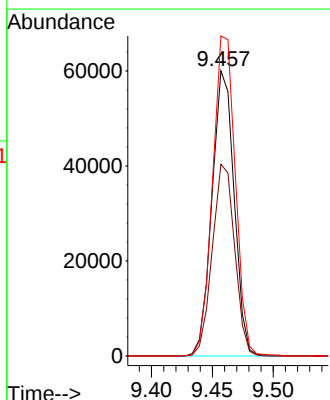
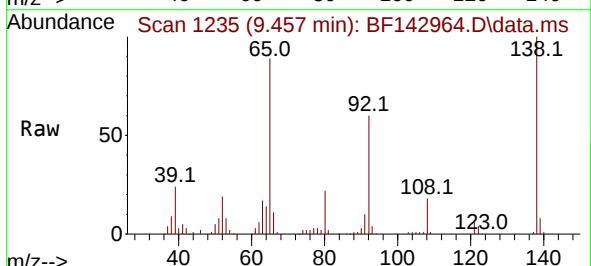
Tgt Ion: 65 Resp: 76026

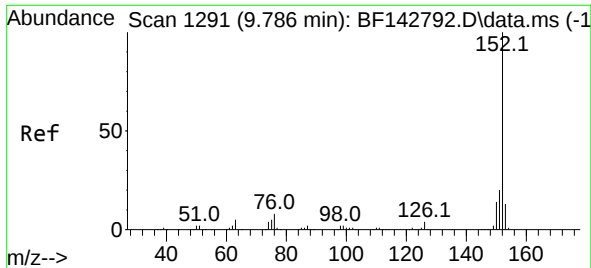
Ion Ratio Lower Upper

65 100

92 67.2 53.8 80.6

138 112.2 89.6 134.4

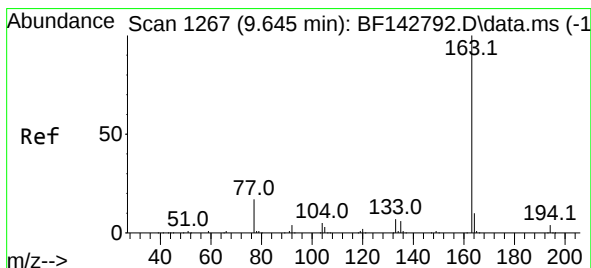
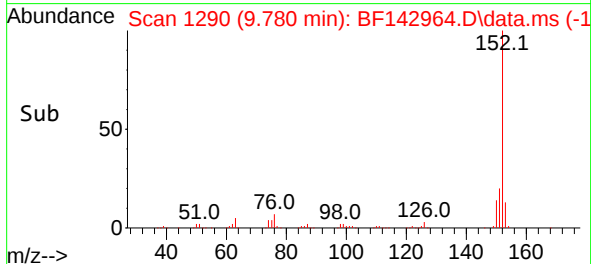
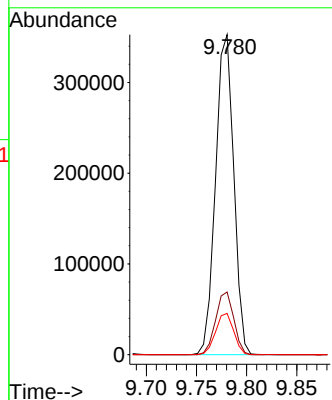
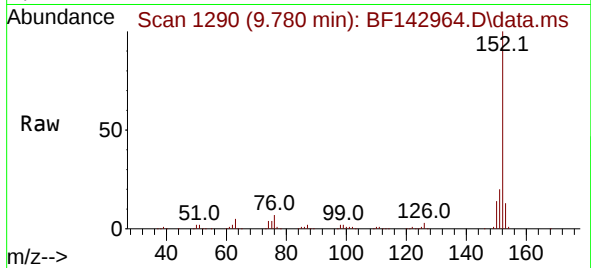




#49
Acenaphthylene
Concen: 38.960 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

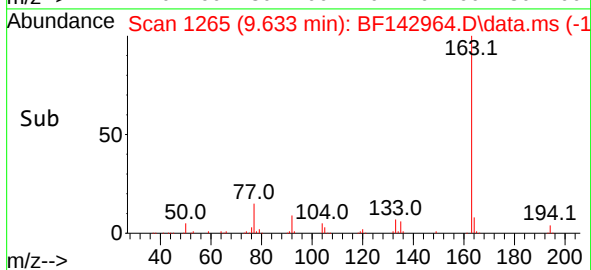
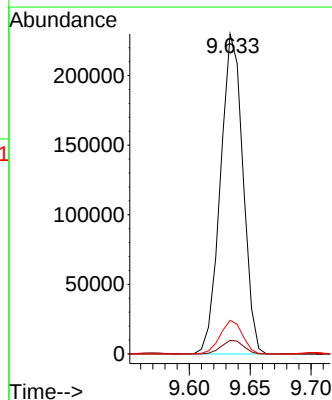
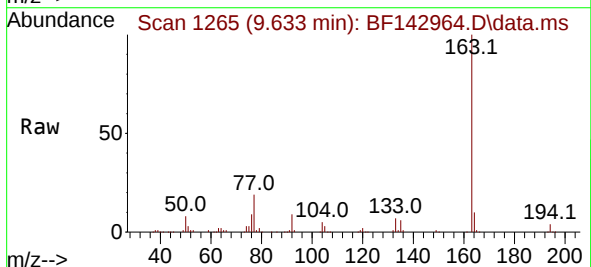
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

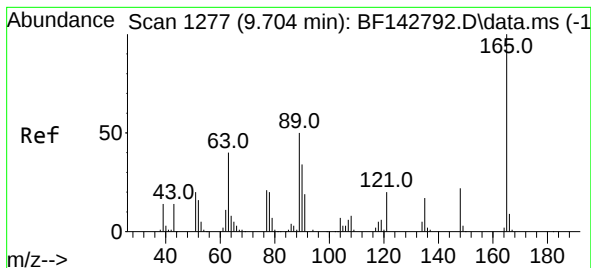
Tgt Ion:152 Resp: 443514
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 39.199 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:163 Resp: 295995
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.0 12.0

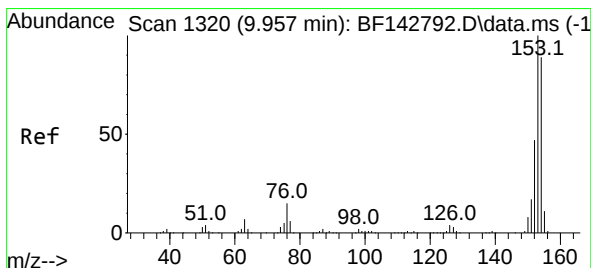
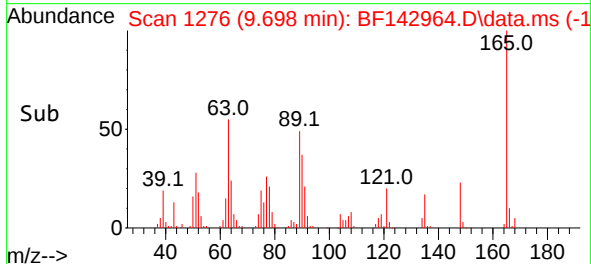
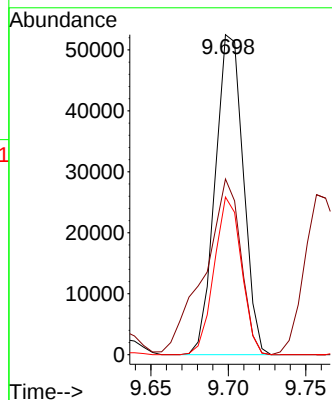
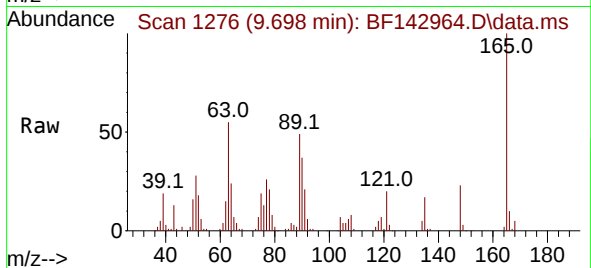




#51
2,6-Dinitrotoluene
Concen: 39.921 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

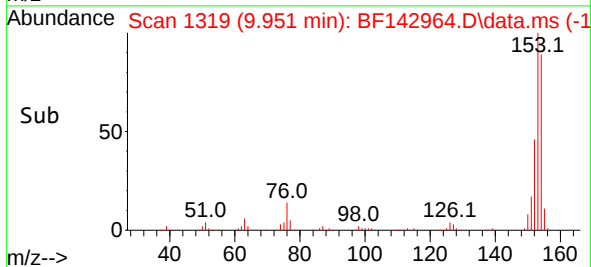
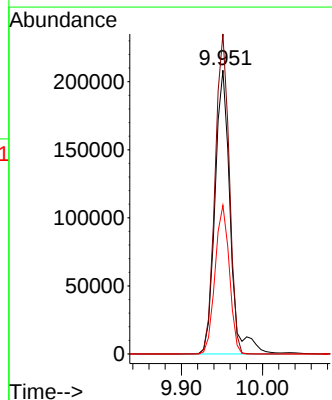
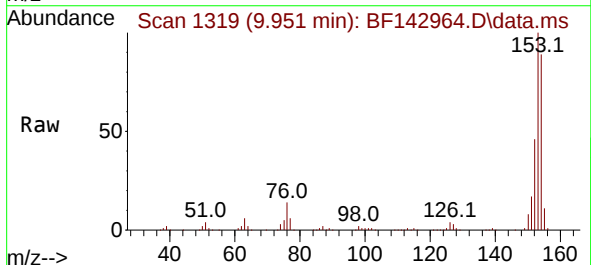
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

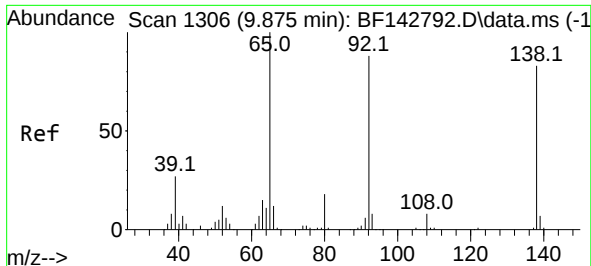
Tgt Ion:165 Resp: 66200
Ion Ratio Lower Upper
165 100
63 54.9 44.2 66.4
89 49.2 39.8 59.8



#52
Acenaphthene
Concen: 39.023 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:154 Resp: 271033
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 52.4 41.9 62.9

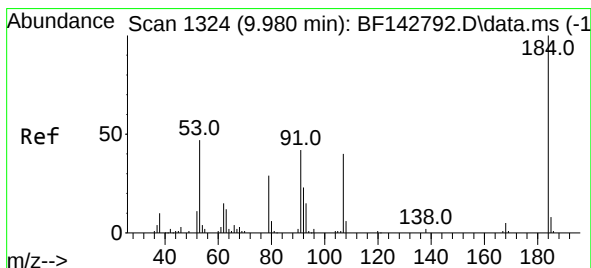
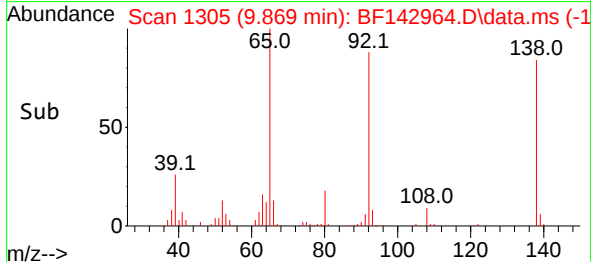
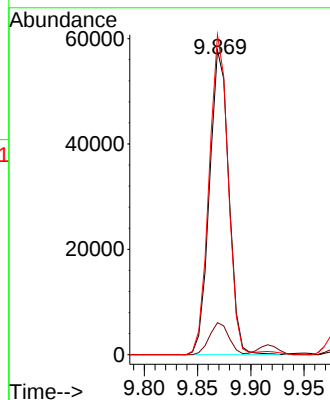
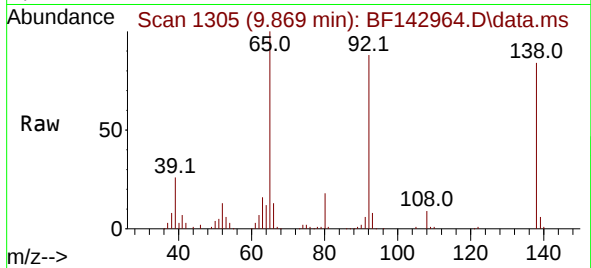




#53
3-Nitroaniline
Concen: 40.037 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

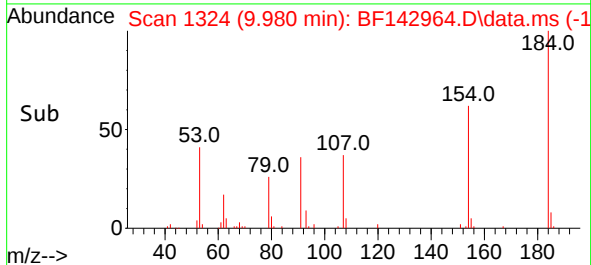
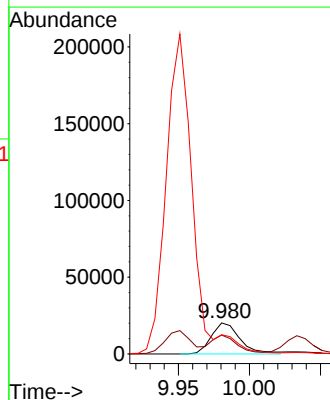
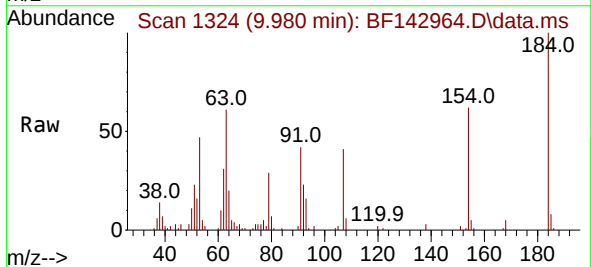
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

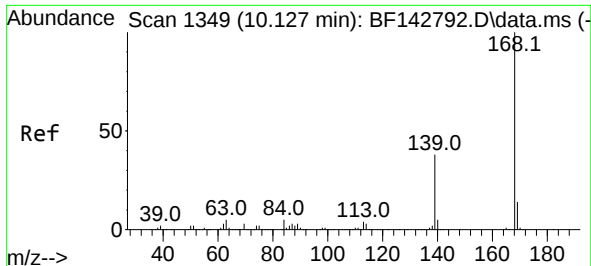
Tgt Ion:138 Resp: 73098
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 105.0 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 34.414 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:184 Resp: 28575
Ion Ratio Lower Upper
184 100
63 60.7 50.6 75.8
154 62.1 51.8 77.8

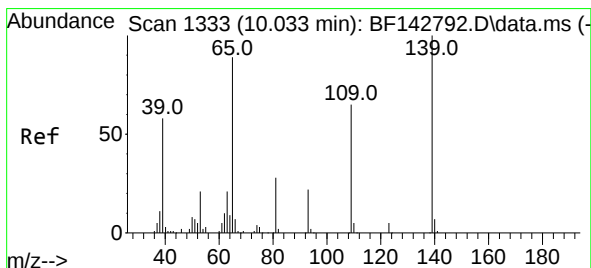
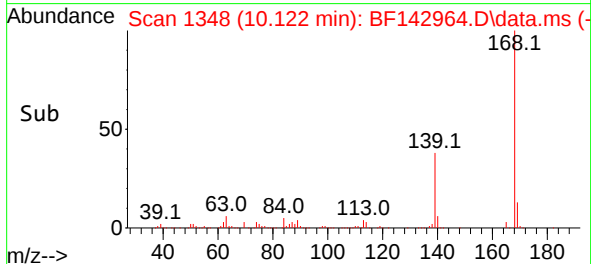
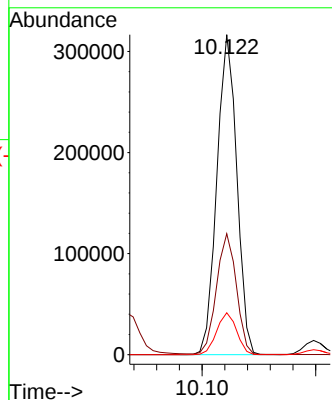
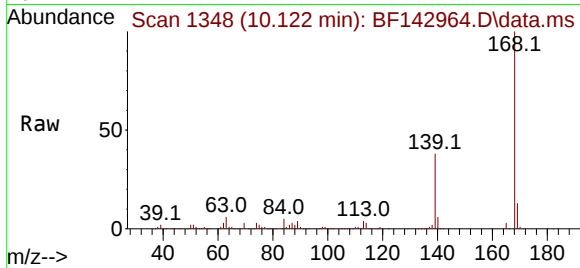




#55
Dibenzenofuran
Concen: 38.685 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

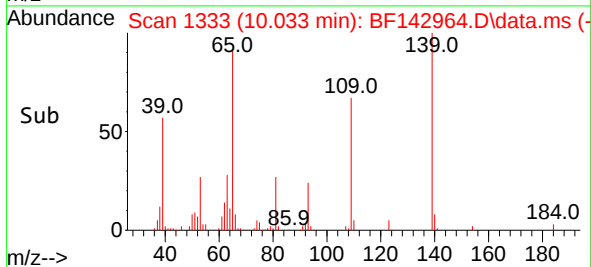
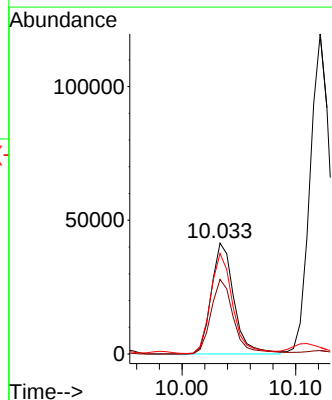
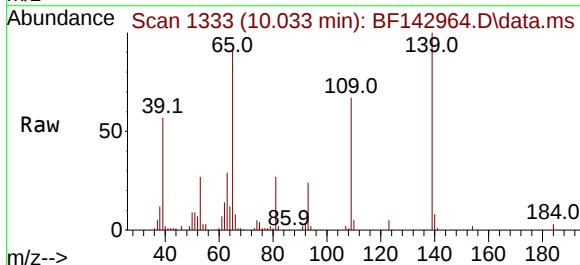
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

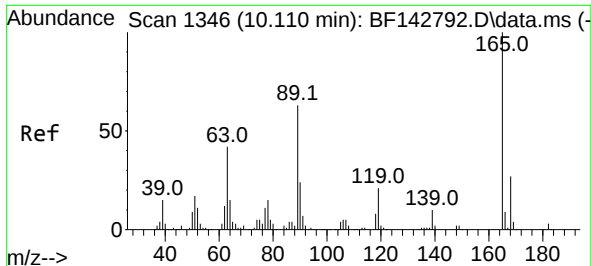
Tgt Ion:168 Resp: 385288
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 45.854 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:139 Resp: 57314
Ion Ratio Lower Upper
139 100
109 67.3 44.7 84.7
65 90.6 69.8 109.8

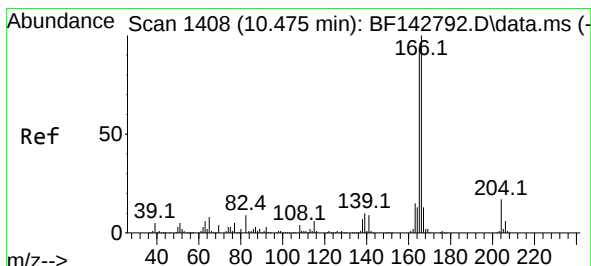
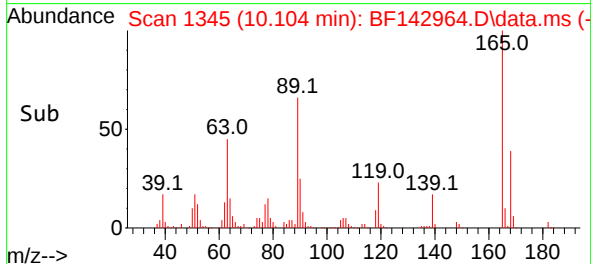
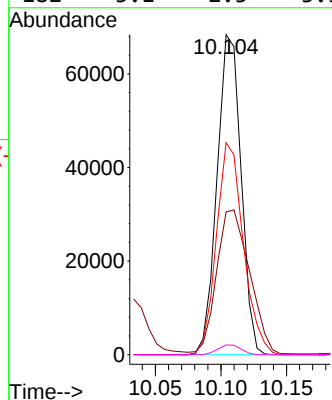
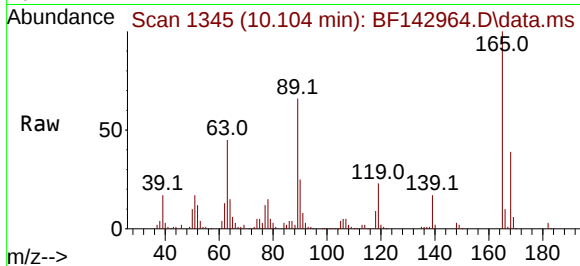




#57
2,4-Dinitrotoluene
Concen: 39.544 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

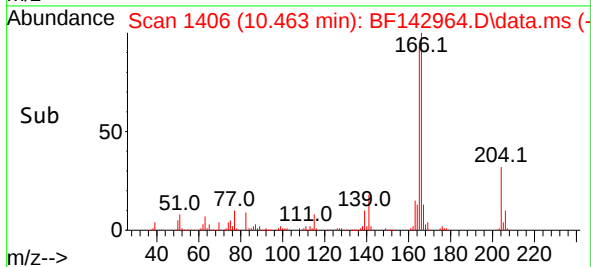
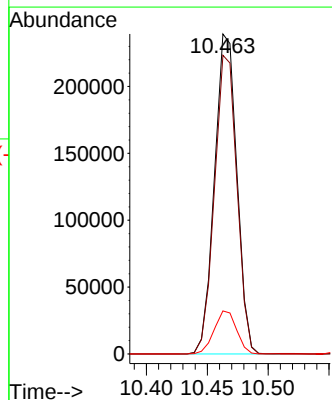
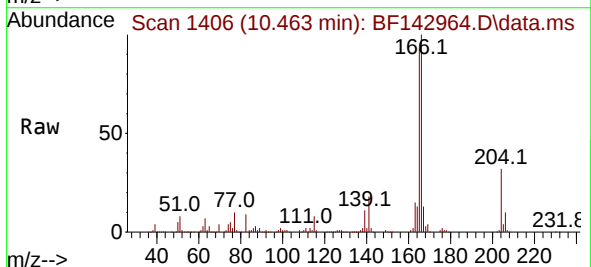
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 87102
Ion Ratio Lower Upper
165 100
63 44.6 33.9 50.9
89 66.3 50.6 75.8
182 3.1 2.3 3.5



#58
Fluorene
Concen: 39.391 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:166 Resp: 306402
Ion Ratio Lower Upper
166 100
165 93.3 75.2 112.8
167 13.5 10.6 15.8

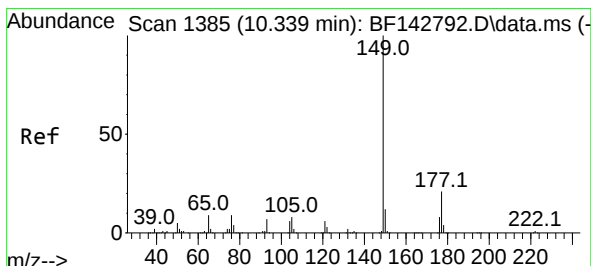
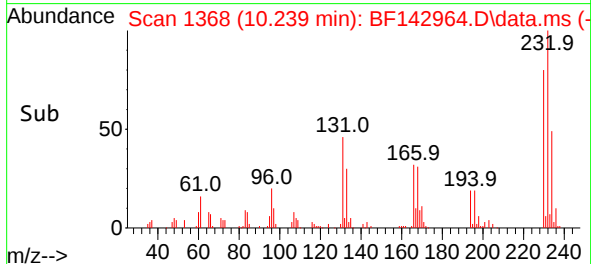
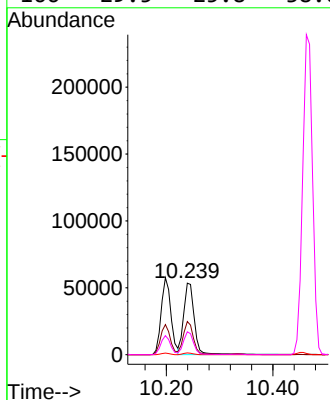
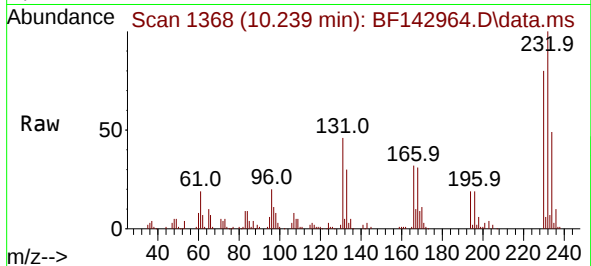




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.594 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

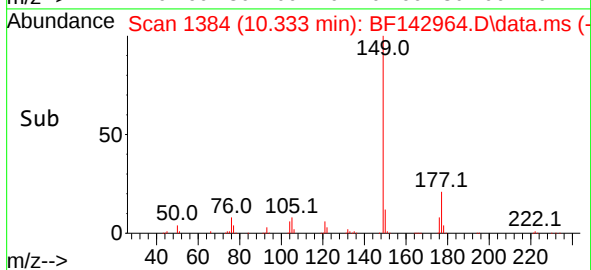
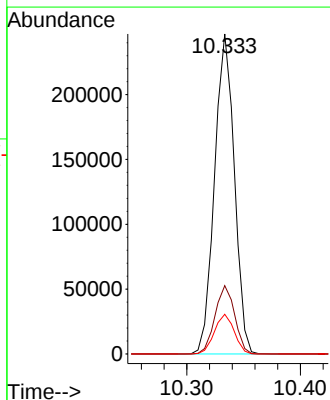
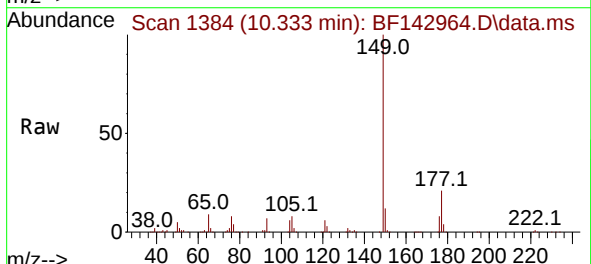
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

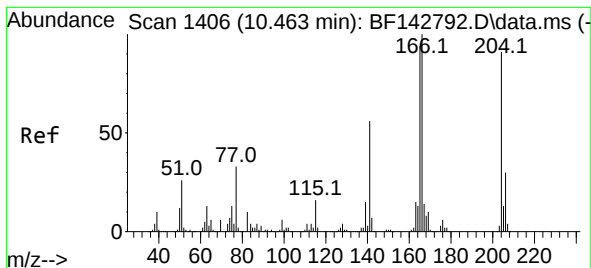
Tgt Ion:232 Resp: 73451
Ion Ratio Lower Upper
232 100
131 42.9 37.6 56.4
130 2.2 1.7 2.5
166 29.5 25.8 38.6



#60
Diethylphthalate
Concen: 40.377 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:149 Resp: 298938
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.4 9.8 14.6

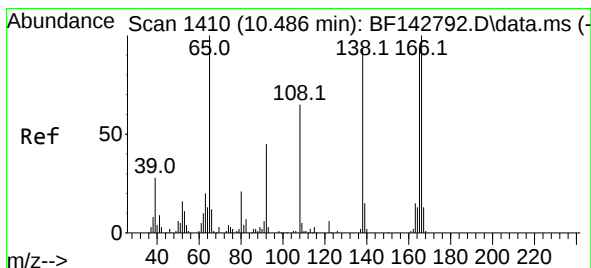
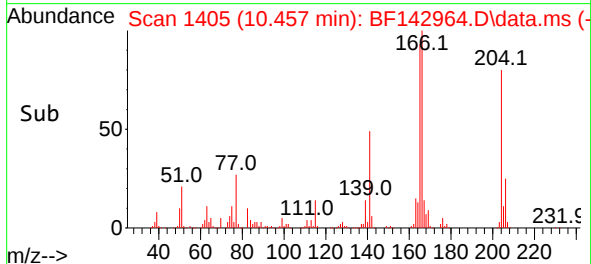
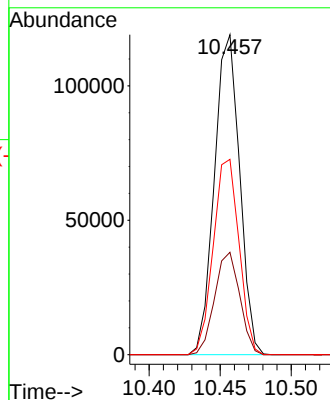
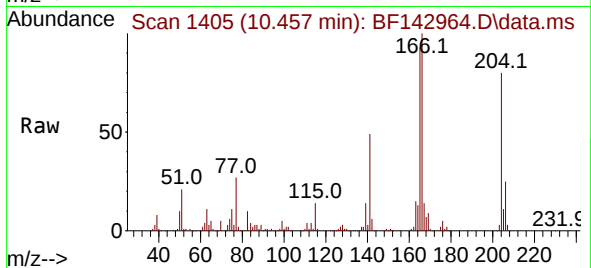




#61
4-Chlorophenyl-phenylether
Concen: 39.675 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

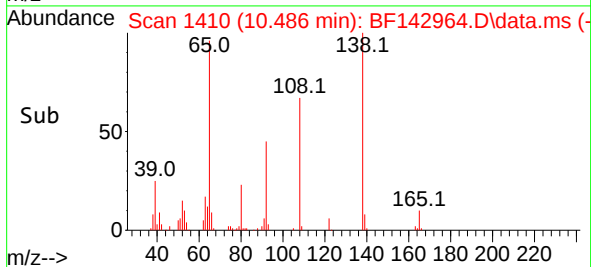
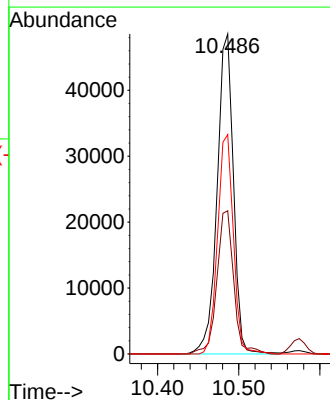
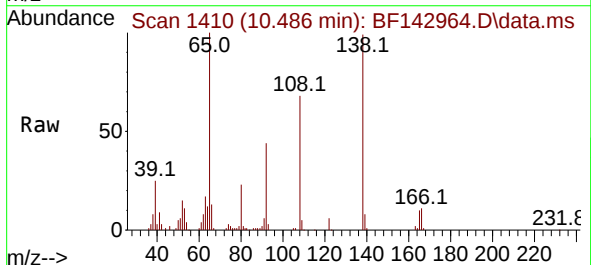
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

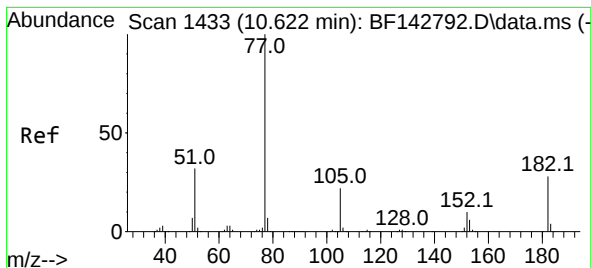
Tgt Ion:204 Resp: 147263
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 61.0 49.1 73.7



#62
4-Nitroaniline
Concen: 40.627 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:138 Resp: 67838
Ion Ratio Lower Upper
138 100
92 44.7 28.4 68.4
108 68.5 50.2 90.2





#63

Azobenzene

Concen: 38.318 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 253554

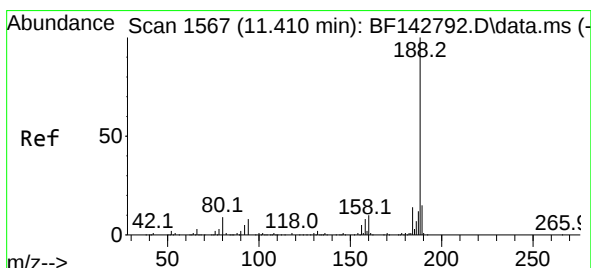
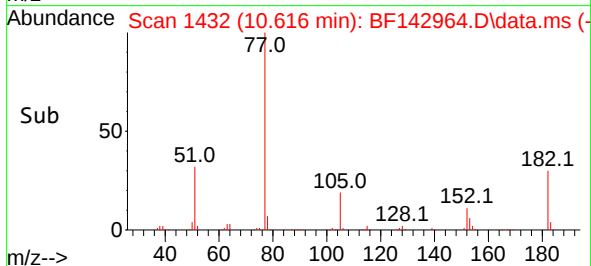
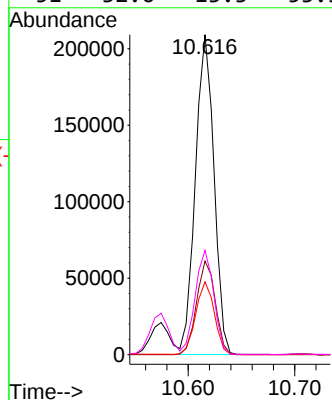
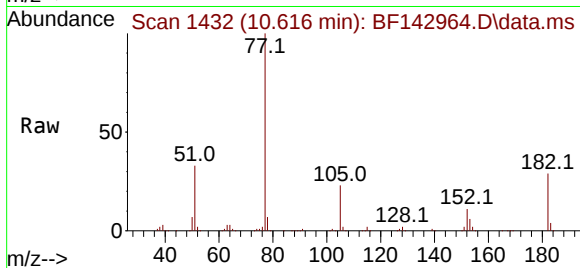
Ion Ratio Lower Upper

77 100

182 29.3 7.7 47.7

105 22.7 1.9 41.9

51 32.6 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

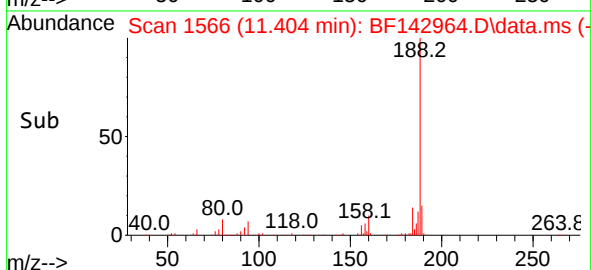
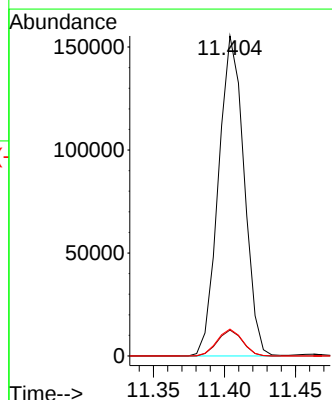
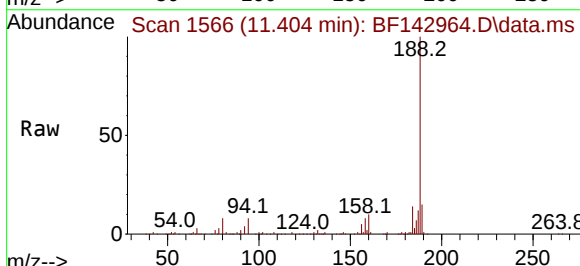
Tgt Ion: 188 Resp: 194796

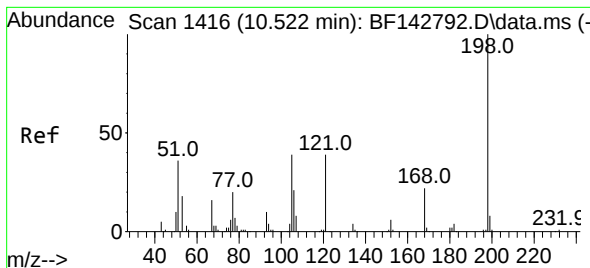
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.4 6.9 10.3

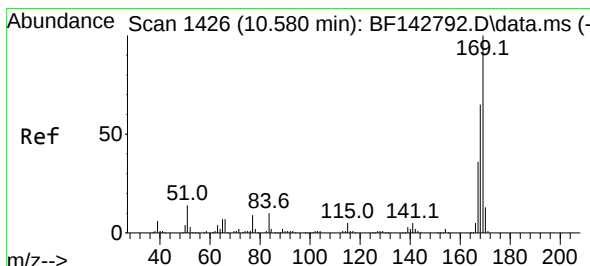
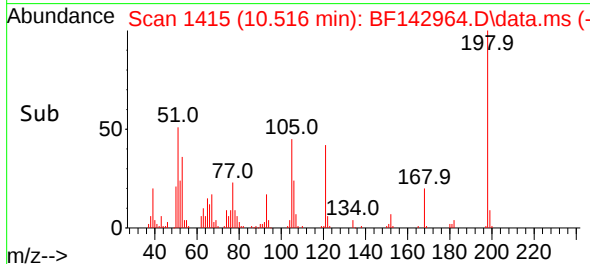
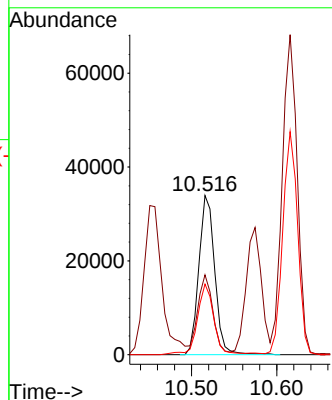
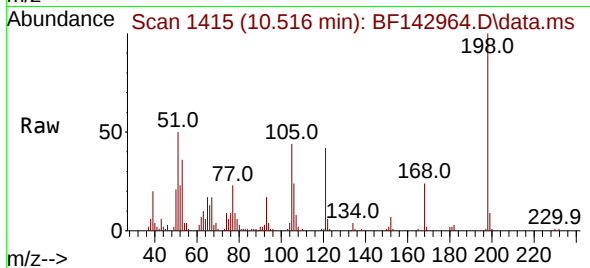




#65
4,6-Dinitro-2-methylphenol
Concen: 37.330 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

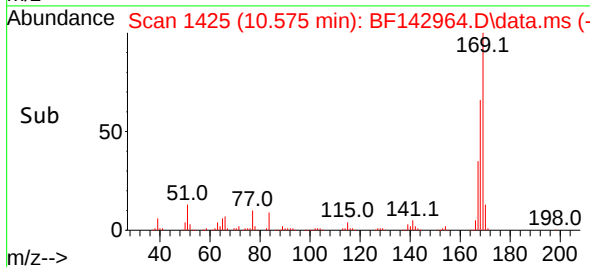
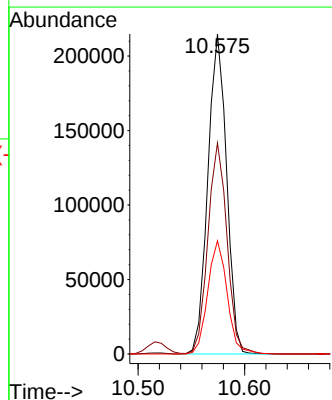
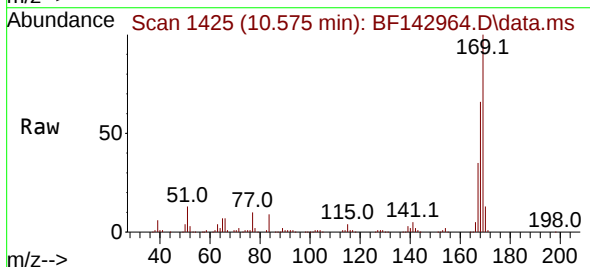
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

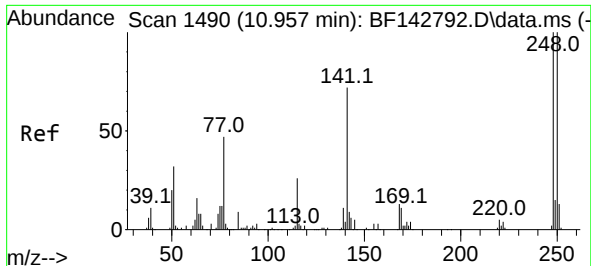
Tgt Ion:198 Resp: 43984
Ion Ratio Lower Upper
198 100
51 50.2 25.4 65.4
105 44.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 38.842 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:169 Resp: 262226
Ion Ratio Lower Upper
169 100
168 66.0 51.9 77.9
167 35.4 28.5 42.7

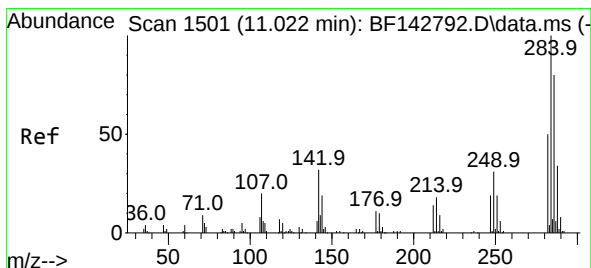
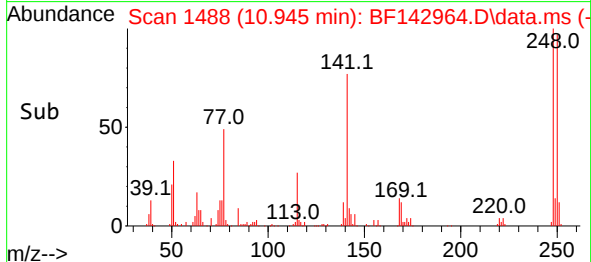
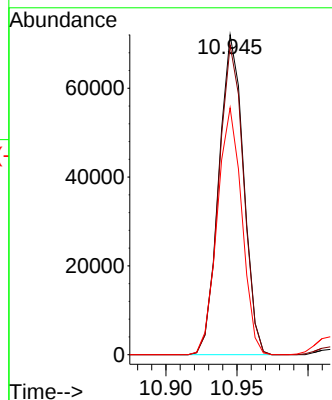
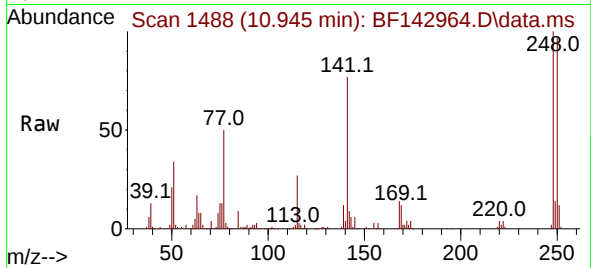




#67
4-Bromophenyl-phenylether
Concen: 39.212 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

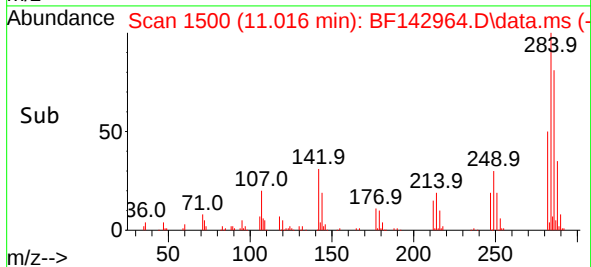
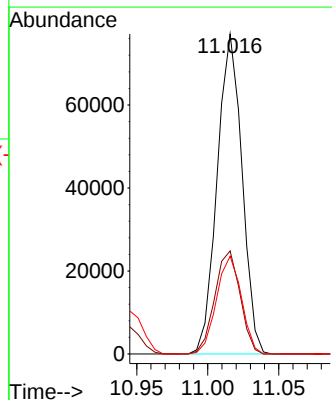
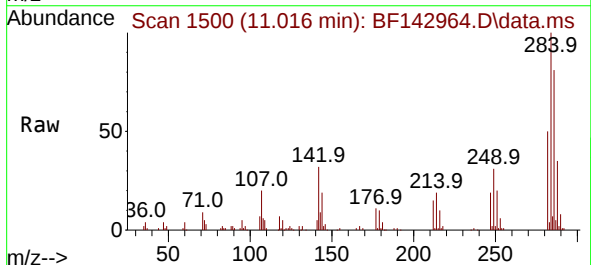
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

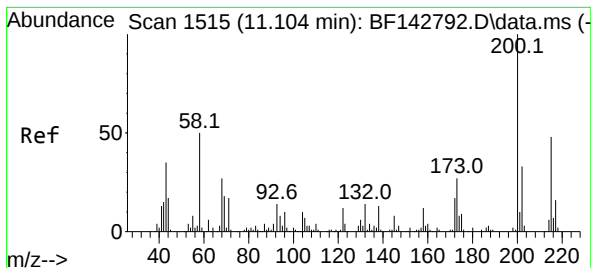
Tgt Ion:248 Resp: 86932
Ion Ratio Lower Upper
248 100
250 96.8 79.8 119.8
141 77.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 38.023 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:284 Resp: 93666
Ion Ratio Lower Upper
284 100
142 32.2 25.5 38.3
249 30.6 24.9 37.3





#69

Atrazine

Concen: 41.917 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

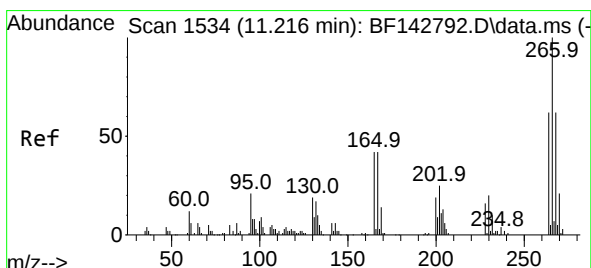
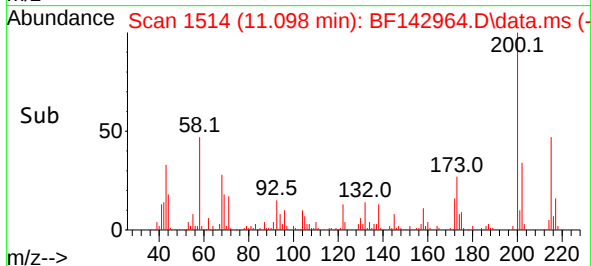
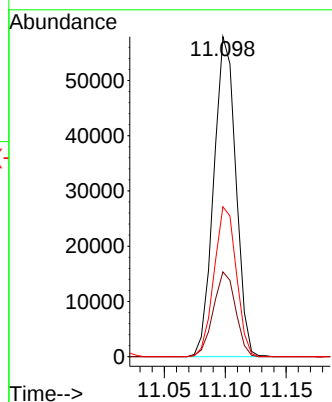
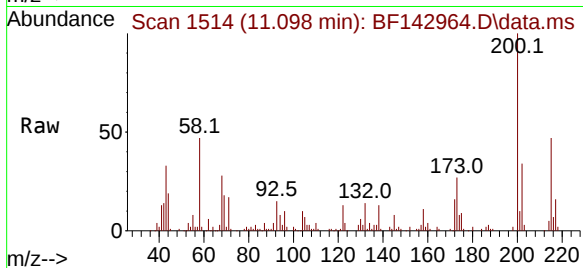
Tgt Ion:200 Resp: 73076

Ion Ratio Lower Upper

200 100

173 26.5 7.4 47.4

215 46.9 28.4 68.4



#70

Pentachlorophenol

Concen: 35.684 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

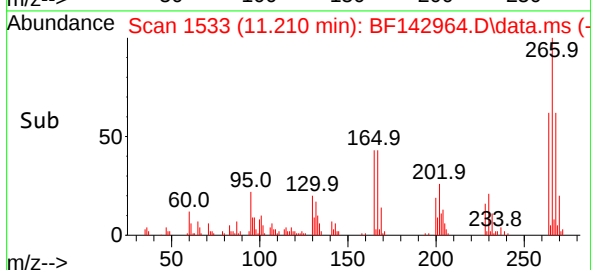
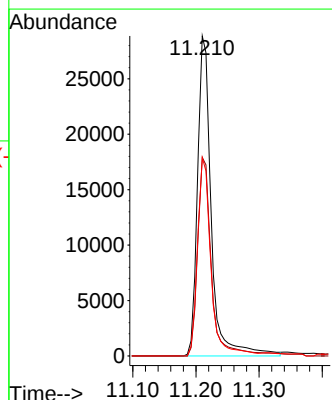
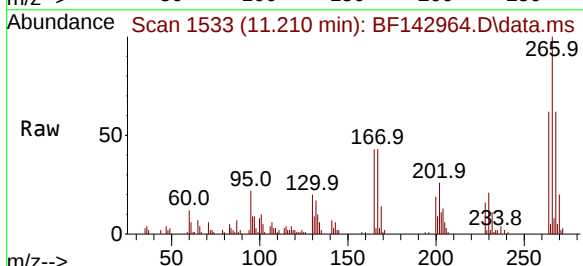
Tgt Ion:266 Resp: 43803

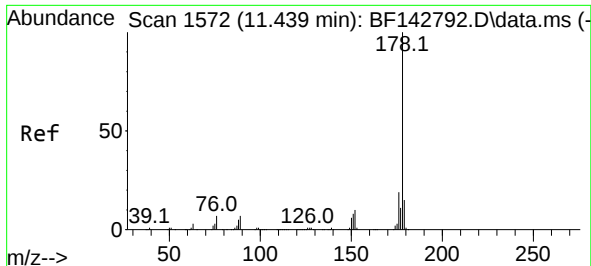
Ion Ratio Lower Upper

266 100

268 62.1 49.8 74.8

264 61.9 49.9 74.9

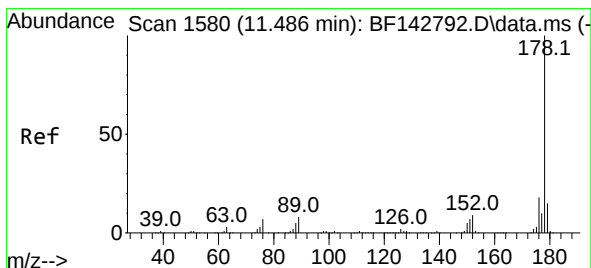
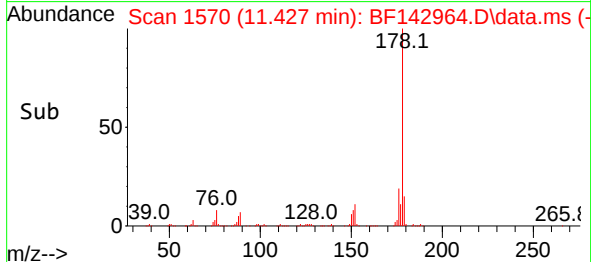
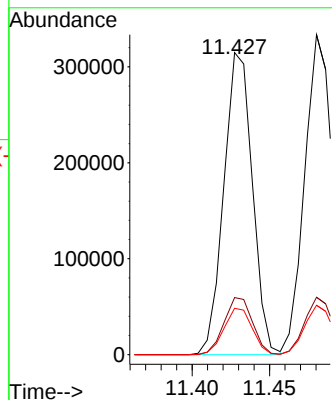
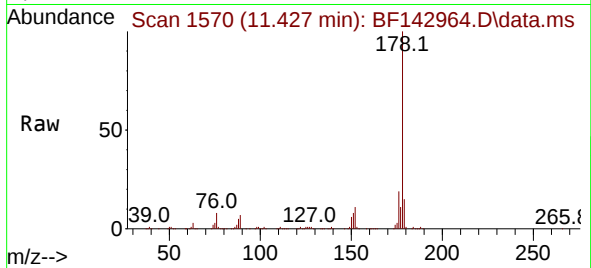




#71
Phenanthrene
Concen: 38.308 ng
RT: 11.427 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

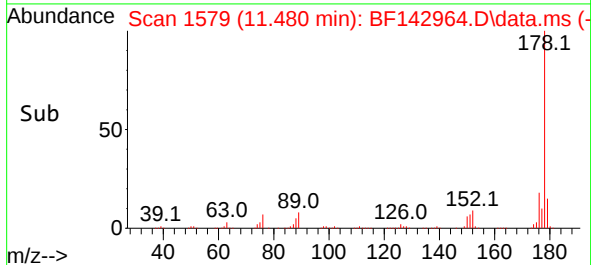
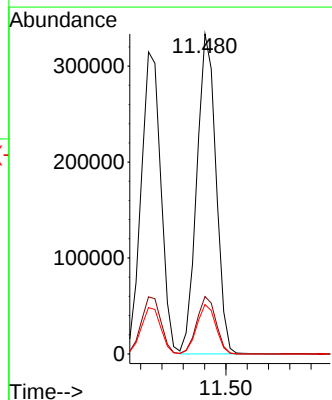
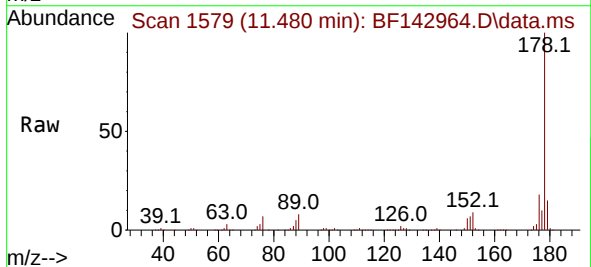
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

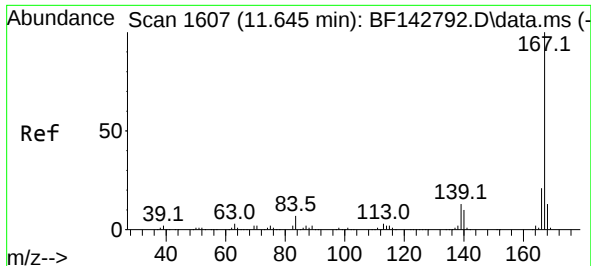
Tgt Ion:178 Resp: 404225
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 38.570 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

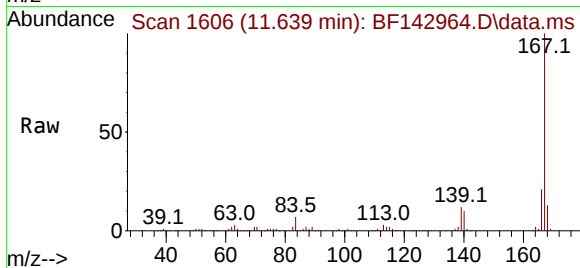
Tgt Ion:178 Resp: 417414
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 15.5 12.4 18.6



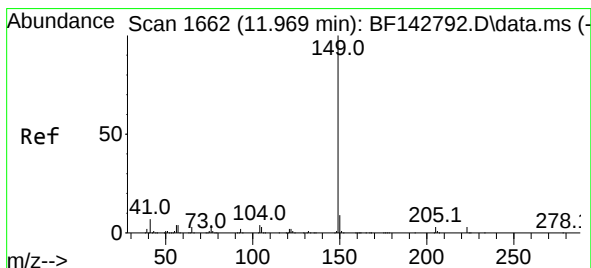
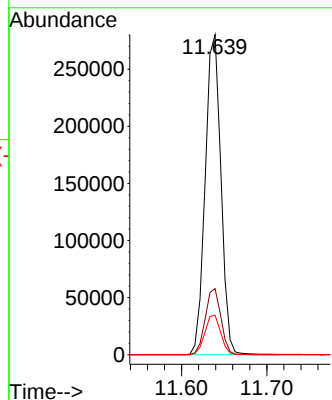
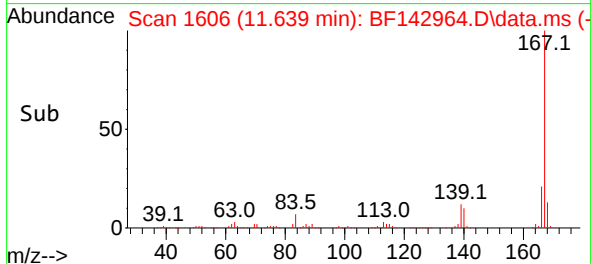


#73
Carbazole
Concen: 38.432 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

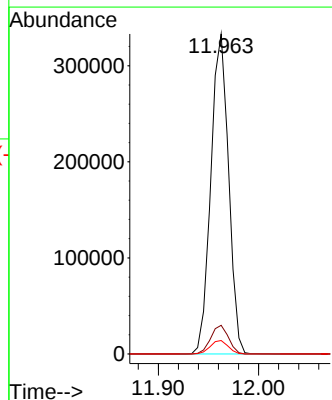
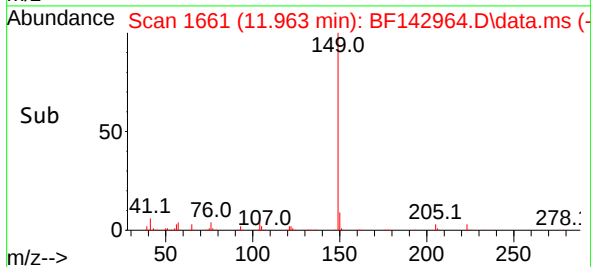
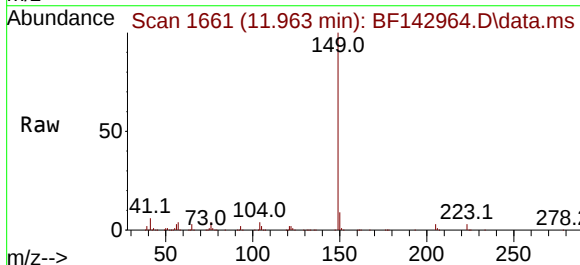


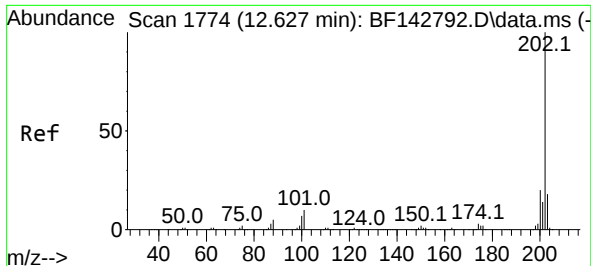
Tgt Ion:167 Resp: 358920
Ion Ratio Lower Upper
167 100
166 20.7 17.0 25.4
139 12.3 10.2 15.2



#74
Di-n-butylphthalate
Concen: 42.104 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:149 Resp: 409630
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.2 3.5 5.3

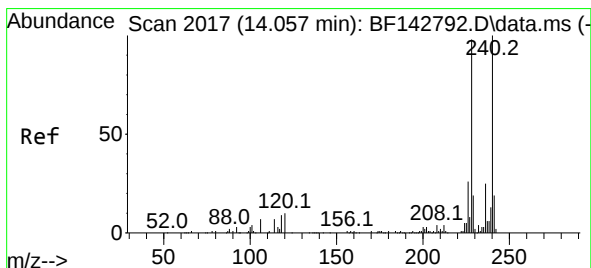
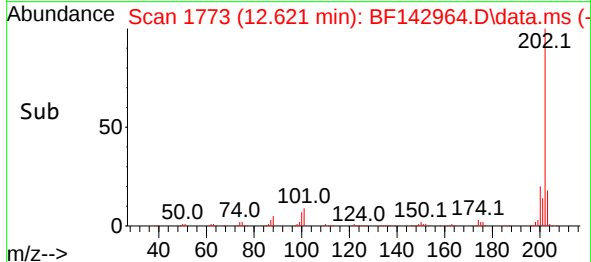
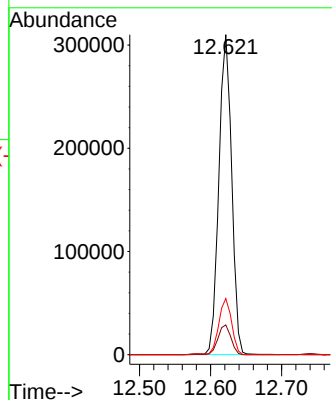
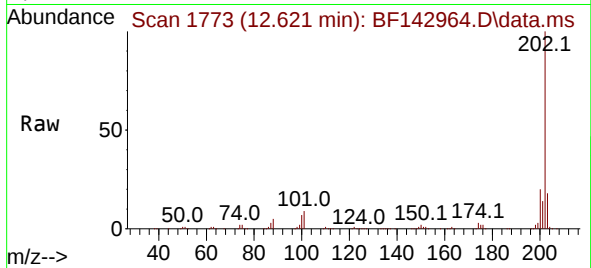




#75
Fluoranthene
Concen: 38.573 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

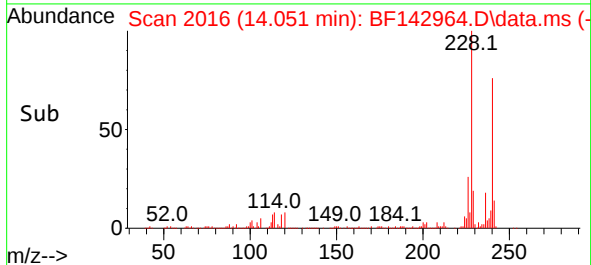
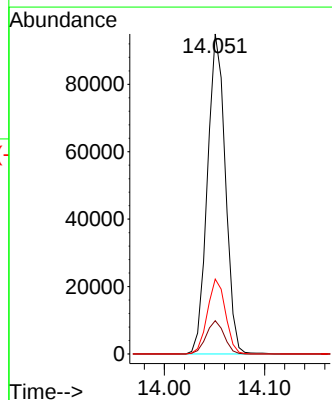
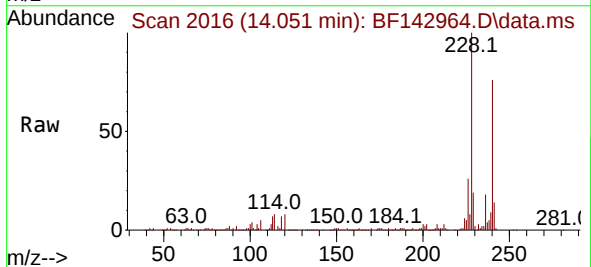
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

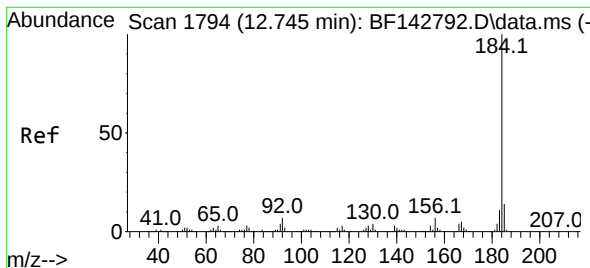
Tgt Ion:202 Resp: 386289
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:240 Resp: 118183
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 23.4 19.8 29.8





#77

Benzidine

Concen: 46.514 ng

RT: 12.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

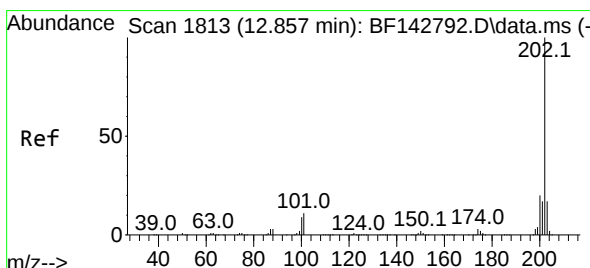
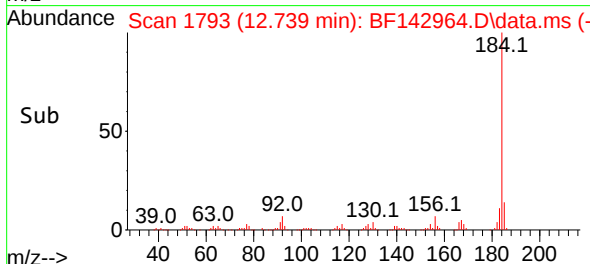
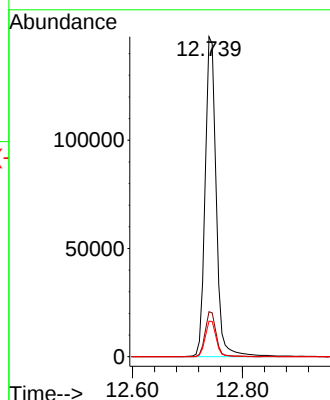
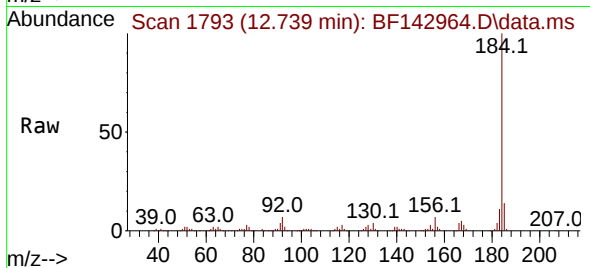
Tgt Ion:184 Resp: 206536

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 40.257 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

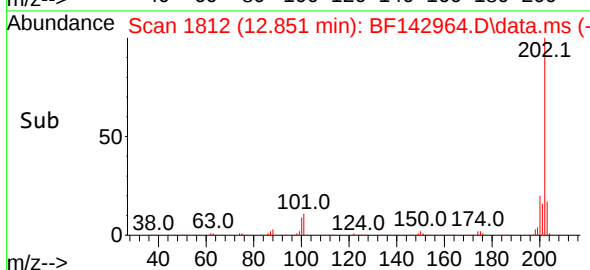
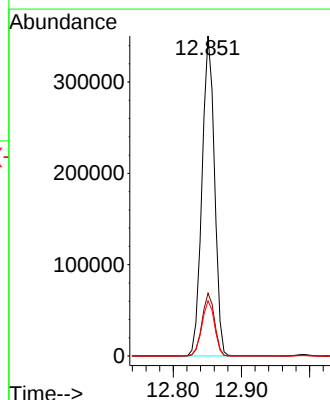
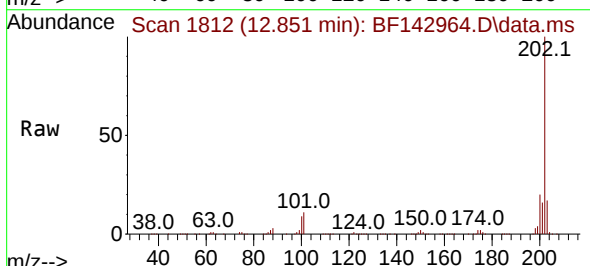
Tgt Ion:202 Resp: 445961

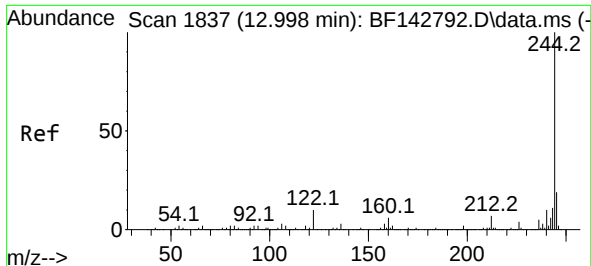
Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.3 13.8 20.6

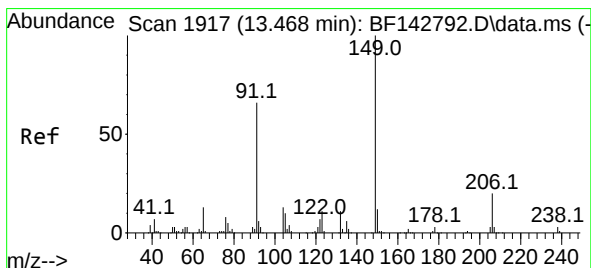
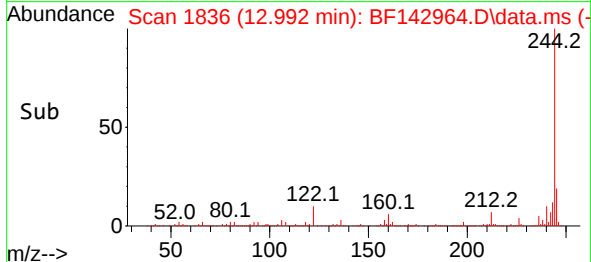
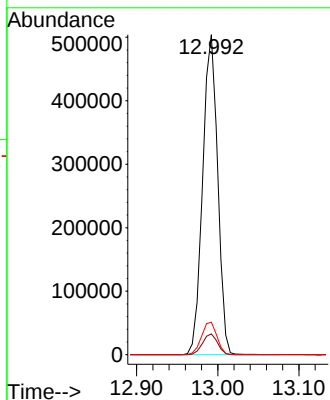
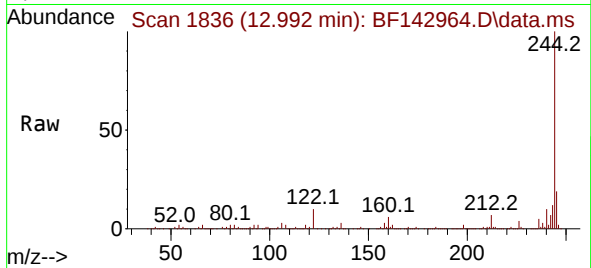




#79
 Terphenyl-d14
 Concen: 75.514 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142964.D
 Acq: 02 Jul 2025 11:41

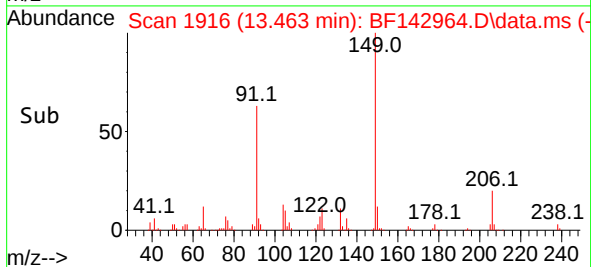
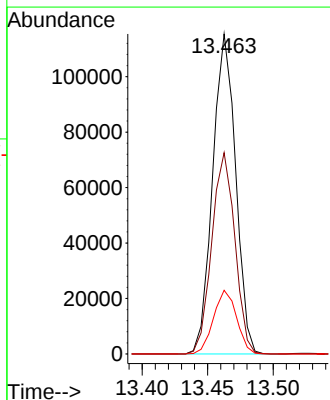
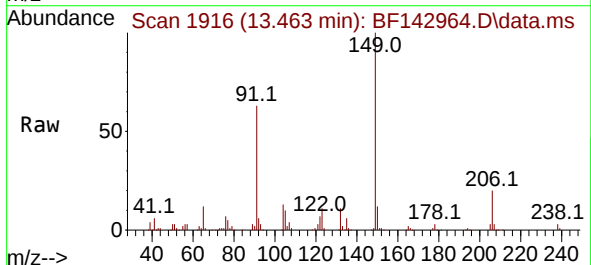
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

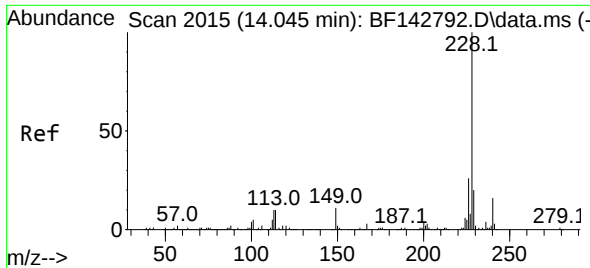
Tgt Ion:244 Resp: 645901
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 43.714 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142964.D
 Acq: 02 Jul 2025 11:41

Tgt Ion:149 Resp: 140470
 Ion Ratio Lower Upper
 149 100
 91 62.9 52.9 79.3
 206 19.9 16.3 24.5

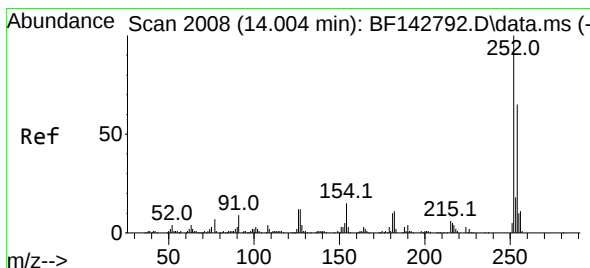
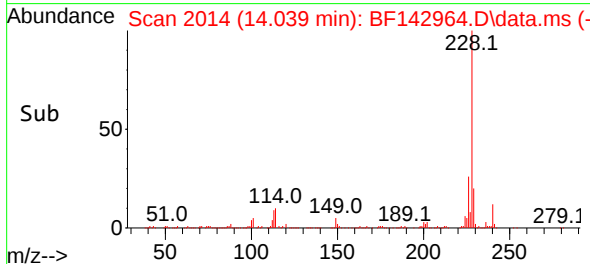
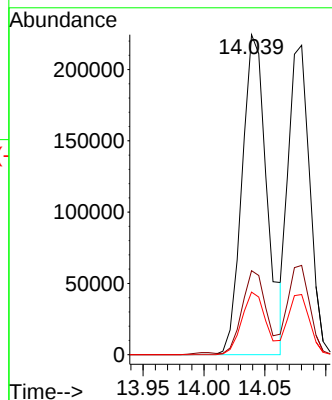
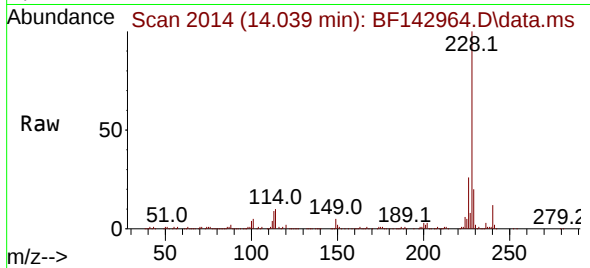




#81
Benzo(a)anthracene
Concen: 39.974 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

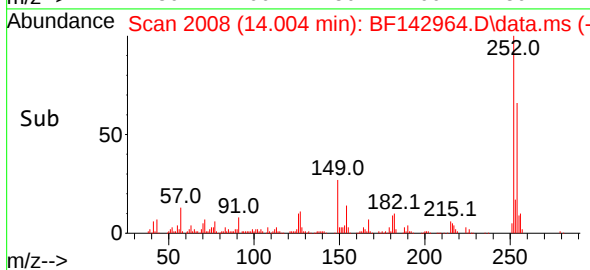
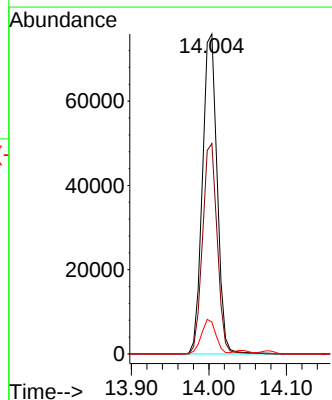
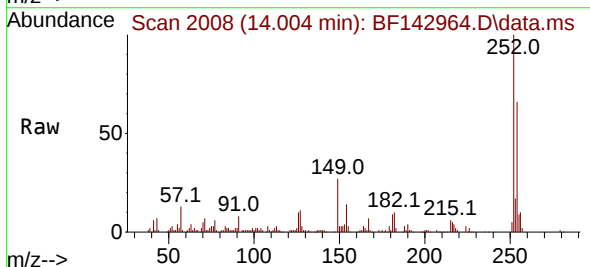
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

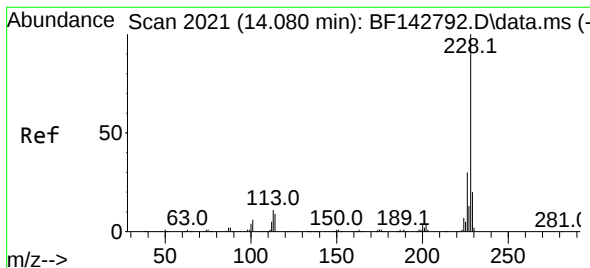
Tgt Ion:228 Resp: 318700
Ion Ratio Lower Upper
228 100
226 26.2 21.2 31.8
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 38.724 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:252 Resp: 100139
Ion Ratio Lower Upper
252 100
254 65.7 51.7 77.5
126 10.0 9.4 14.2





#83

Chrysene

Concen: 37.312 ng

RT: 14.080 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

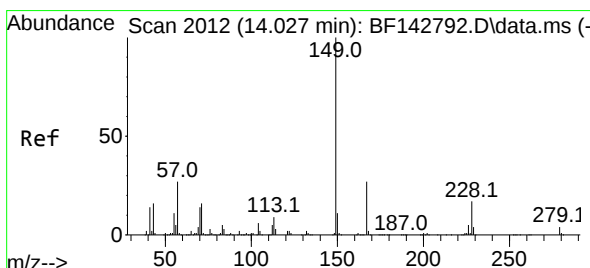
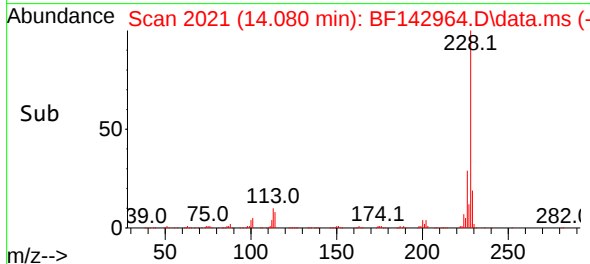
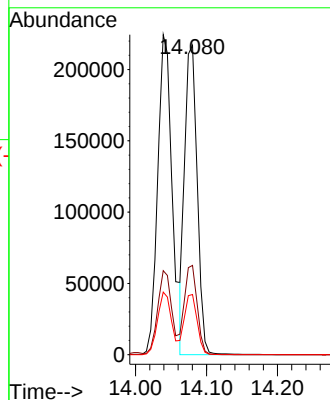
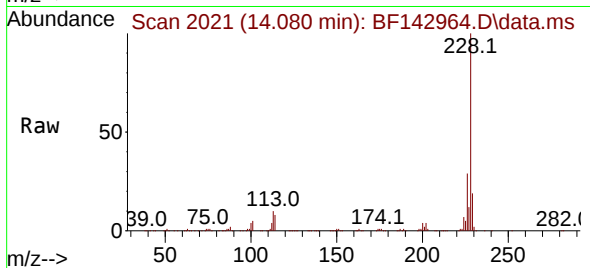
Tgt Ion:228 Resp: 265448

Ion Ratio Lower Upper

228 100

226 28.8 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.293 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

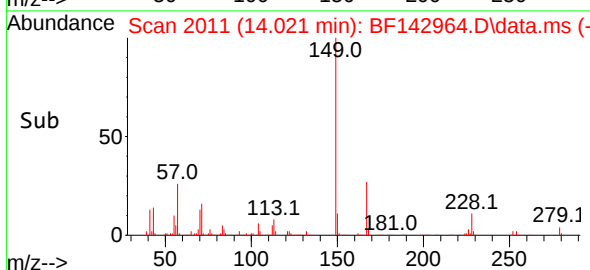
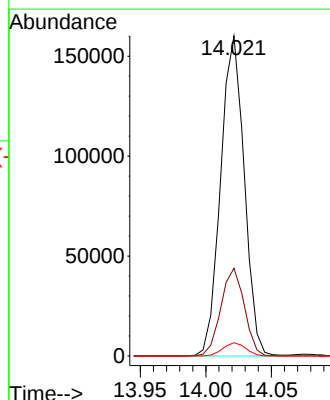
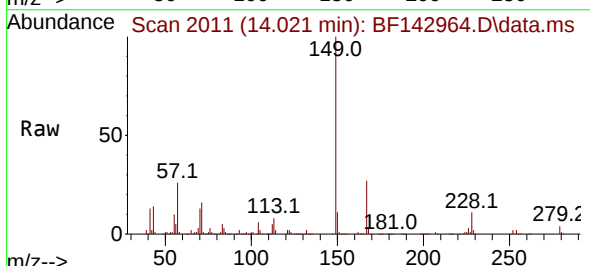
Tgt Ion:149 Resp: 200158

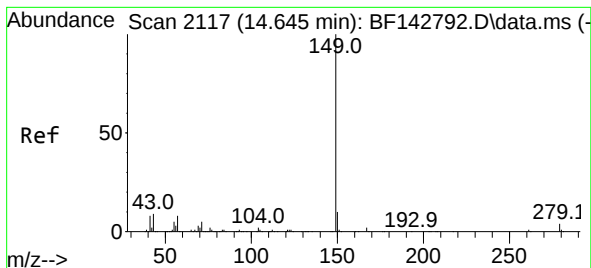
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.2 3.0 4.6

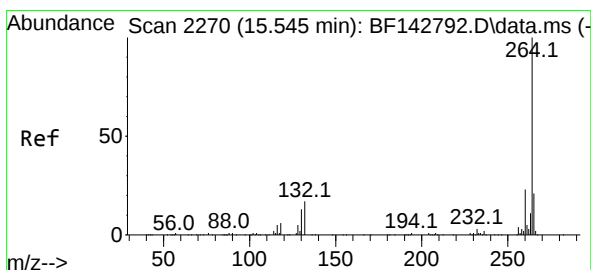
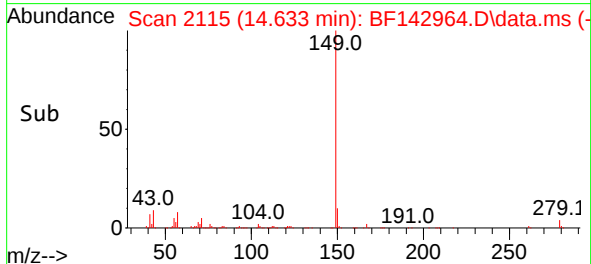
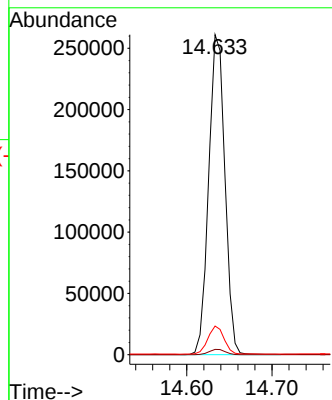
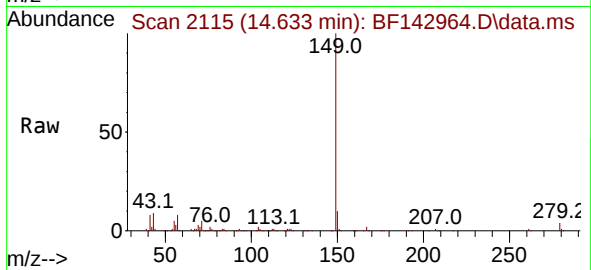




#85
Di-n-octyl phthalate
Concen: 39.616 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

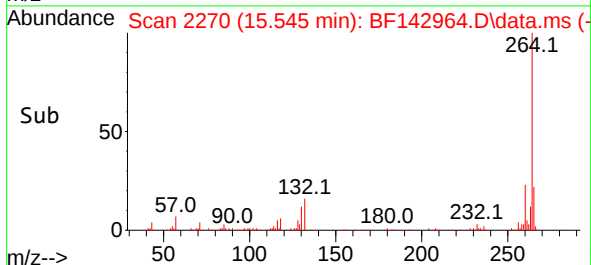
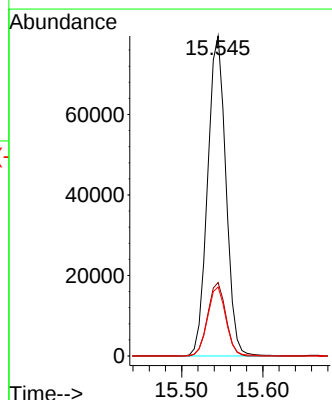
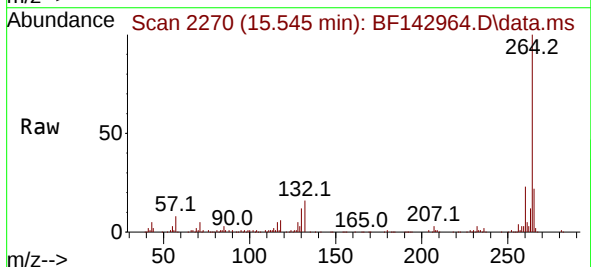
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

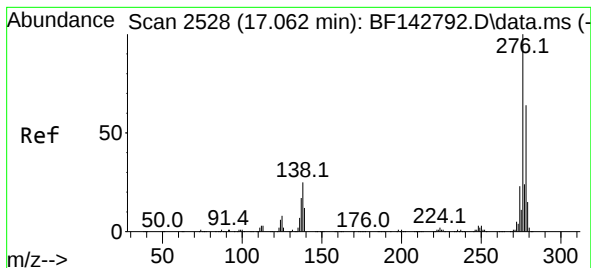
Tgt Ion:149 Resp: 345369
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:264 Resp: 123997
Ion Ratio Lower Upper
264 100
260 23.0 18.1 27.1
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.965 ng

RT: 17.062 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

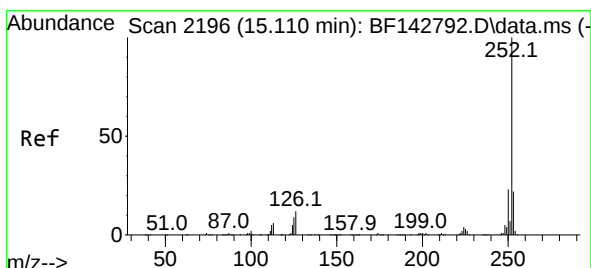
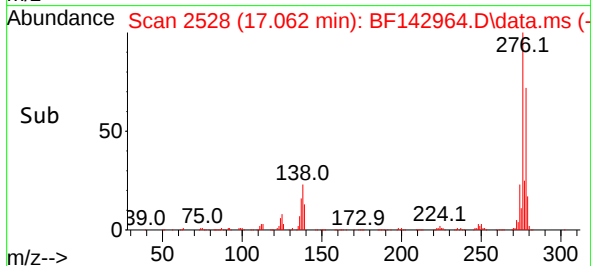
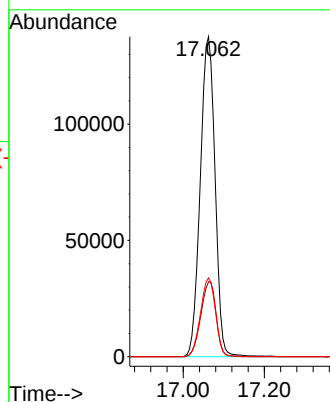
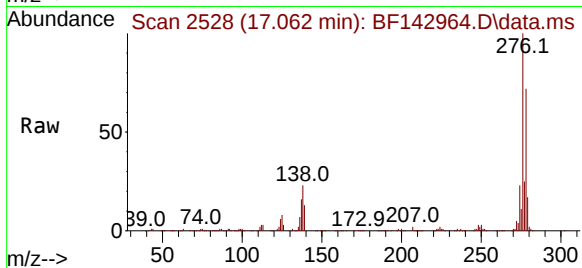
Tgt Ion:276 Resp: 349123

Ion Ratio Lower Upper

276 100

138 24.0 20.2 30.4

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.830 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

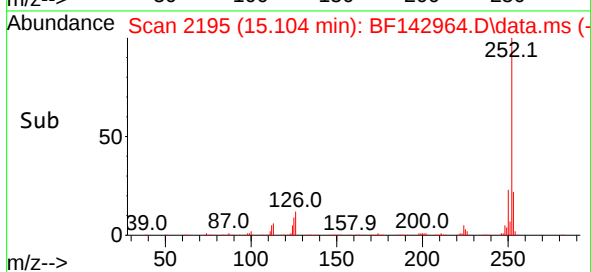
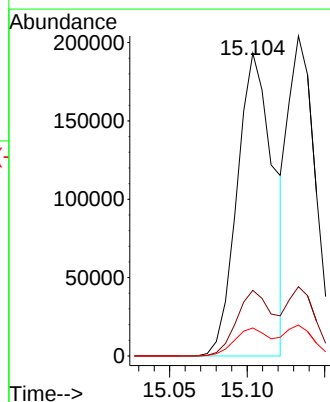
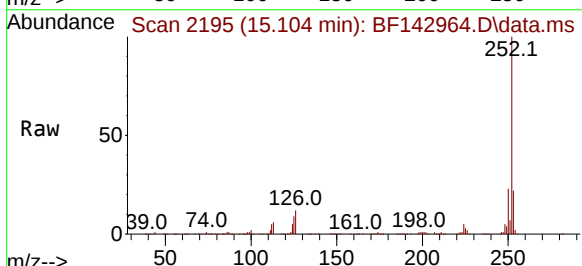
Tgt Ion:252 Resp: 314480

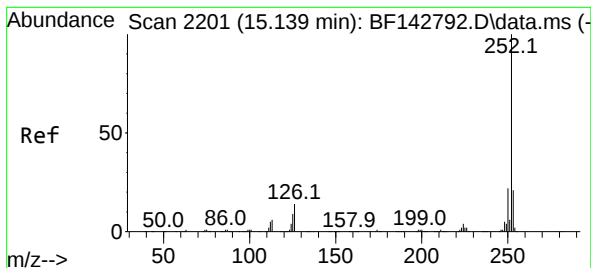
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.183 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

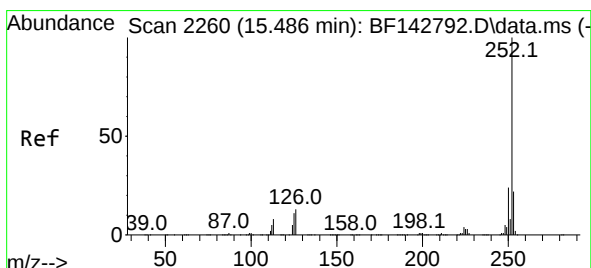
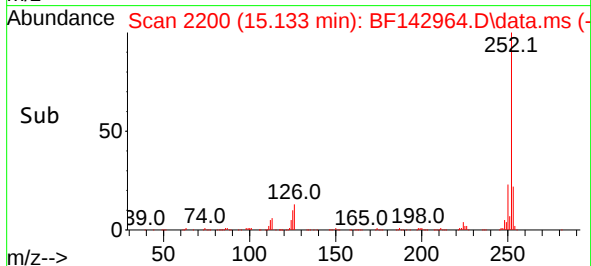
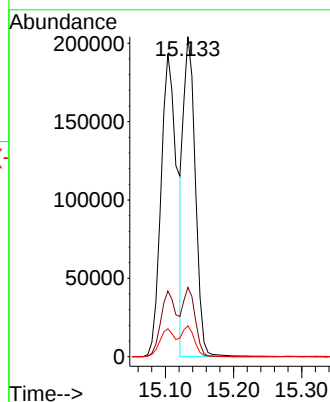
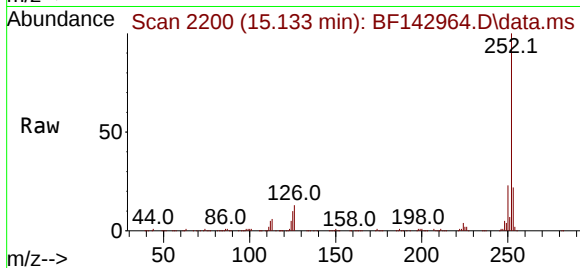
Tgt Ion:252 Resp: 249604

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.941 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142964.D

Acq: 02 Jul 2025 11:41

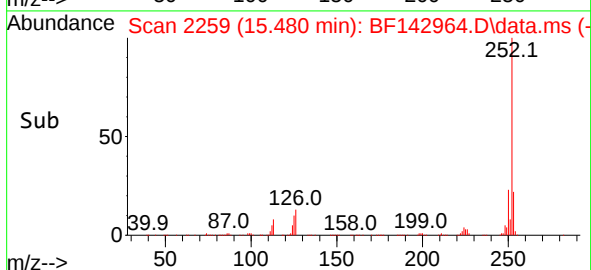
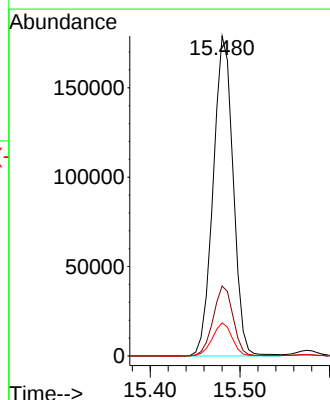
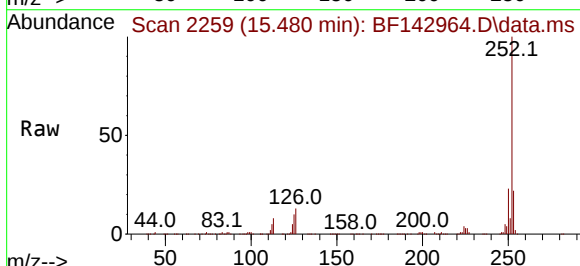
Tgt Ion:252 Resp: 276854

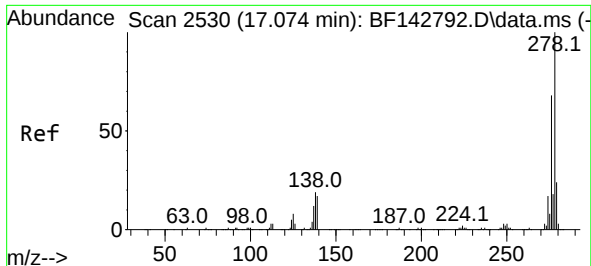
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.4 8.6 12.8

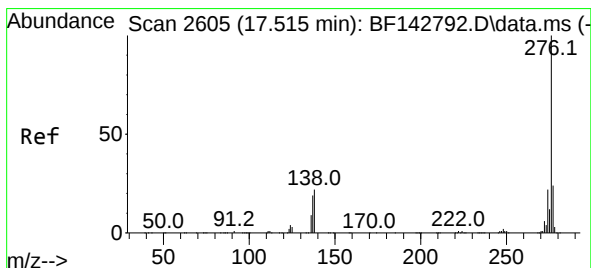
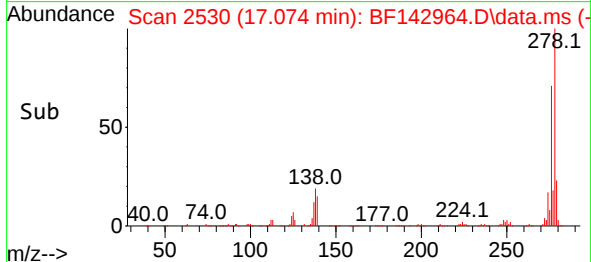
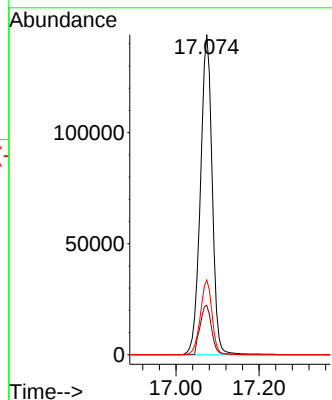
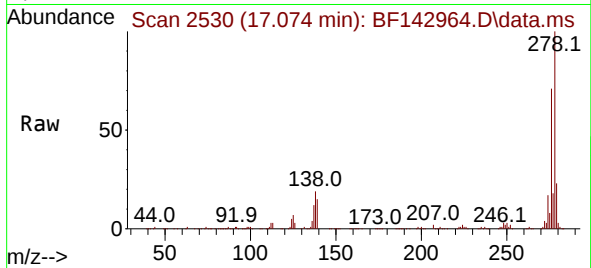




#91
Dibenzo(a,h)anthracene
Concen: 36.878 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 283004
Ion Ratio Lower Upper
278 100
139 15.4 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 36.836 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142964.D
Acq: 02 Jul 2025 11:41

Tgt Ion:276 Resp: 281879
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 20.5 17.6 26.4

