

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141782.D
 Acq On : 26 Feb 2025 14:54
 Operator : RC/JU
 Sample : PB166875BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166875BSD

Quant Time: Feb 26 15:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	81030	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	321539	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	179613	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	311091	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	197944	20.000	ng	-0.02
86) Perylene-d12	15.386	264	175575	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	681239	131.804	ng	0.00
7) Phenol-d6	6.428	99	828000	126.748	ng	-0.01
23) Nitrobenzene-d5	7.345	82	538517	87.355	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	249647	138.363	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1069121	91.705	ng	-0.01
79) Terphenyl-d14	12.886	244	1238225	105.602	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	87106	41.873	ng	94
3) Pyridine	3.304	79	203502	41.110	ng	91
4) n-Nitrosodimethylamine	3.251	42	116448	35.527	ng	87
6) Aniline	6.445	93	205168	33.481	ng	# 73
8) 2-Chlorophenol	6.575	128	245340	43.930	ng	97
9) Benzaldehyde	6.334	77	94366	27.183	ng	96
10) Phenol	6.445	94	286272	42.104	ng	96
11) bis(2-Chloroethyl)ether	6.516	93	223389	43.742	ng	97
12) 1,3-Dichlorobenzene	6.722	146	256355	43.479	ng	97
13) 1,4-Dichlorobenzene	6.798	146	260485	43.241	ng	98
14) 1,2-Dichlorobenzene	6.951	146	250486	44.801	ng	98
15) Benzyl Alcohol	6.934	79	207695	41.460	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	329491	37.690	ng	59
17) 2-Methylphenol	7.051	107	187380	42.874	ng	94
18) Hexachloroethane	7.286	117	96870	43.451	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	163097	41.739	ng	93
20) 3+4-Methylphenols	7.204	107	250904	45.173	ng	# 75
22) Acetophenone	7.192	105	373423	46.687	ng	# 90
24) Nitrobenzene	7.369	77	245989	40.921	ng	96
25) Isophorone	7.604	82	442707	45.039	ng	97
26) 2-Nitrophenol	7.681	139	132377	44.262	ng	93
27) 2,4-Dimethylphenol	7.728	122	194997	55.812	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	279563	44.386	ng	100
29) 2,4-Dichlorophenol	7.933	162	208275	44.120	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	221560	43.099	ng	99
31) Naphthalene	8.086	128	710062	42.424	ng	99
32) Benzoic acid	7.875	122	135530	37.346	ng	96
33) 4-Chloroaniline	8.139	127	107042	18.318	ng	97
34) Hexachlorobutadiene	8.198	225	135525	43.914	ng	99
35) Caprolactam	8.557	113	23296	16.208	ng	90
36) 4-Chloro-3-methylphenol	8.633	107	220323	42.134	ng	97
37) 2-Methylnaphthalene	8.775	142	449799	41.298	ng	100
38) 1-Methylnaphthalene	8.875	142	442108	41.911	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	245522	47.248	ng	98
41) Hexachlorocyclopentadiene	8.928	237	212260	122.809	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	142519	42.435	ng	98

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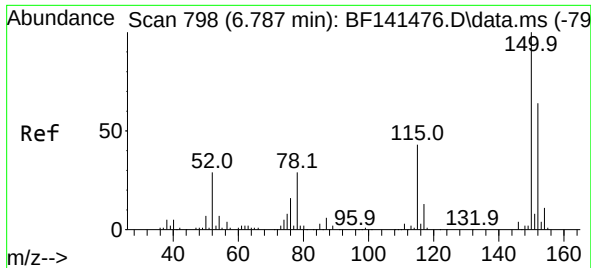
Quant Time: Feb 26 15:16:08 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	153378	42.139	ng	97
46) 1,1'-Biphenyl	9.239	154	666430	47.858	ng	99
47) 2-Chloronaphthalene	9.263	162	448737	43.579	ng	99
48) 2-Nitroaniline	9.369	65	140021	40.518	ng	91
49) Acenaphthylene	9.680	152	691055	45.120	ng	100
50) Dimethylphthalate	9.539	163	543747	44.593	ng	100
51) 2,6-Dinitrotoluene	9.610	165	117944	44.247	ng	94
52) Acenaphthene	9.851	154	431112	41.869	ng	100
53) 3-Nitroaniline	9.780	138	72808	25.378	ng	96
54) 2,4-Dinitrophenol	9.898	184	125185	79.020	ng	87
55) Dibenzofuran	10.022	168	626147	41.429	ng	99
56) 4-Nitrophenol	9.963	139	150379	70.610	ng	92
57) 2,4-Dinitrotoluene	10.016	165	159077	44.829	ng	98
58) Fluorene	10.369	166	506938	43.380	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	129421	41.300	ng	96
60) Diethylphthalate	10.239	149	525621	43.813	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	249862	44.444	ng	96
62) 4-Nitroaniline	10.398	138	118787	40.776	ng	95
63) Azobenzene	10.516	77	491005	41.169	ng	95
65) 4,6-Dinitro-2-methylph...	10.427	198	89627	41.475	ng	91
66) n-Nitrosodiphenylamine	10.480	169	448690	45.057	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	157706	45.359	ng	99
68) Hexachlorobenzene	10.916	284	167133	46.682	ng	96
69) Atrazine	11.010	200	175426	58.720	ng	98
70) Pentachlorophenol	11.116	266	160978	70.319	ng	99
71) Phenanthrene	11.327	178	764907	44.668	ng	100
72) Anthracene	11.380	178	780326	45.331	ng	100
73) Carbazole	11.539	167	670650	43.299	ng	99
74) Di-n-butylphthalate	11.863	149	840484	46.995	ng	99
75) Fluoranthene	12.516	202	776404	42.765	ng	99
77) Benzidine	12.639	184	223888	51.285	ng	99
78) Pyrene	12.745	202	776713	46.095	ng	100
80) Butylbenzylphthalate	13.357	149	300758	51.531	ng	99
81) Benzo(a)anthracene	13.933	228	593077	45.073	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	123538	32.776	ng	98
83) Chrysene	13.968	228	539566	44.411	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	386733	58.750	ng	99
85) Di-n-octyl phthalate	14.527	149	559396	59.569	ng	96
87) Indeno(1,2,3-cd)pyrene	16.833	276	532126	49.050	ng	99
88) Benzo(b)fluoranthene	14.968	252	529780	44.938	ng	99
89) Benzo(k)fluoranthene	14.998	252	410854	40.813	ng	98
90) Benzo(a)pyrene	15.327	252	451285	47.308	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	433447	49.309	ng	99
92) Benzo(g,h,i)perylene	17.262	276	406962	44.240	ng	99

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

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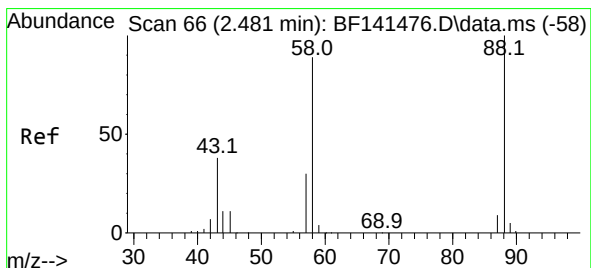
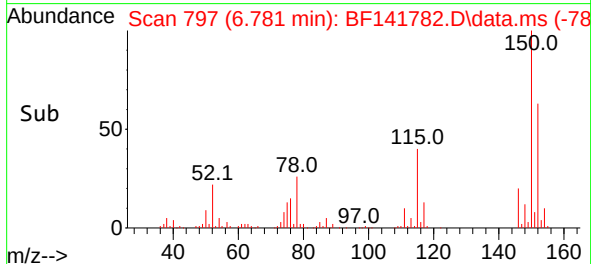
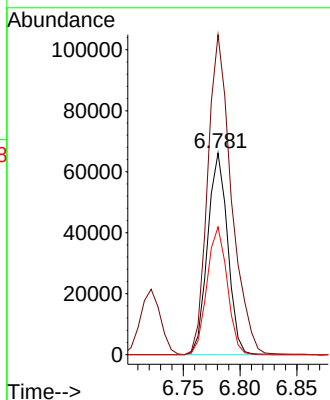
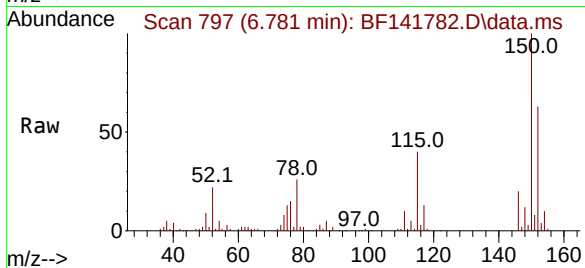




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

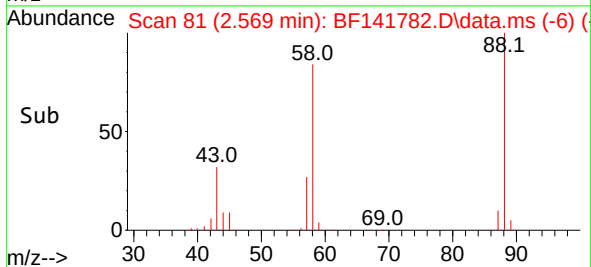
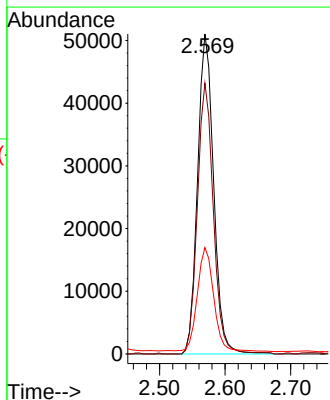
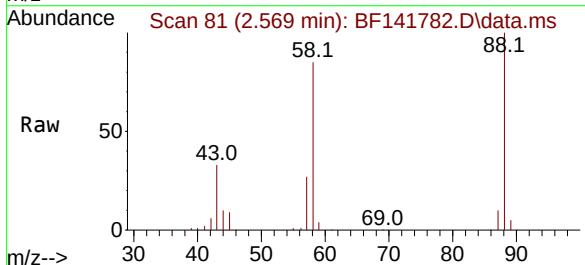
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

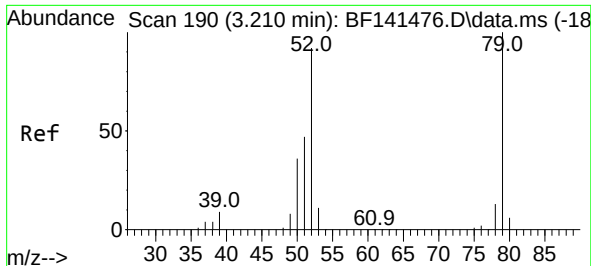
Tgt Ion:152 Resp: 81030
Ion Ratio Lower Upper
152 100
150 158.7 125.0 187.4
115 63.3 53.6 80.4



#2
1,4-Dioxane
Concen: 41.873 ng
RT: 2.569 min Scan# 81
Delta R.T. 0.088 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion: 88 Resp: 87106
Ion Ratio Lower Upper
88 100
58 84.6 71.1 106.7
43 33.4 30.6 46.0





#3

Pyridine

Concen: 41.110 ng

RT: 3.304 min Scan# 206

Delta R.T. 0.088 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

Tgt Ion: 79 Resp: 203502

Ion Ratio Lower Upper

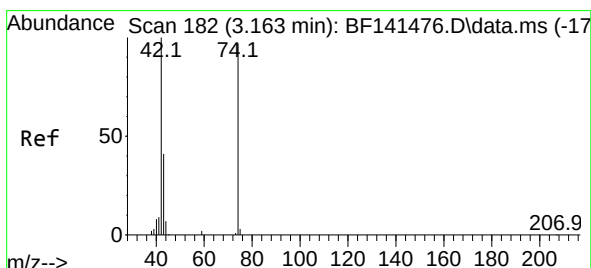
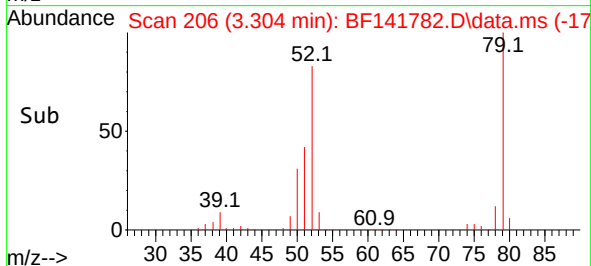
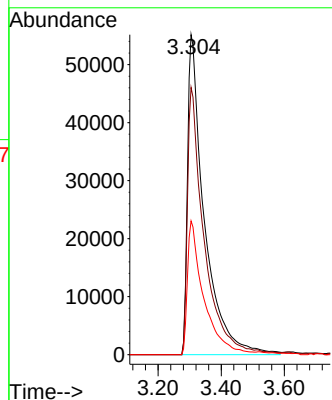
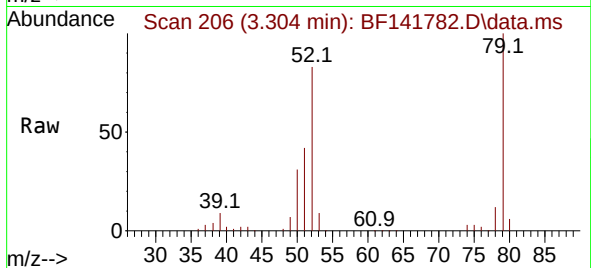
79 100

52 83.5

51 41.8

73.7 110.5

37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 35.527 ng

RT: 3.251 min Scan# 197

Delta R.T. 0.065 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Tgt Ion: 42 Resp: 116448

Ion Ratio Lower Upper

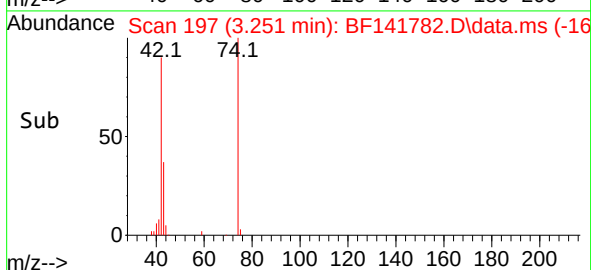
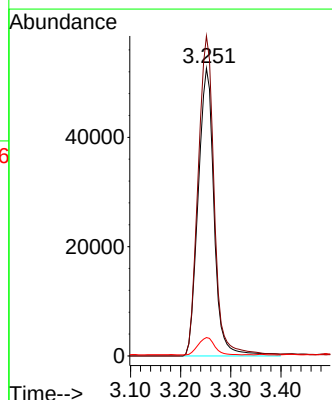
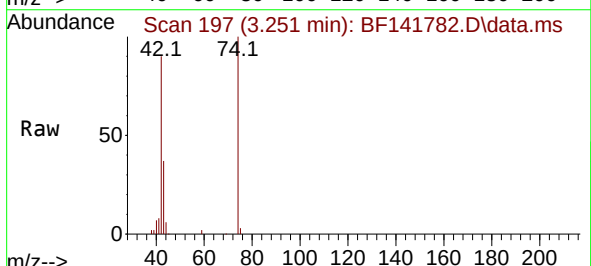
42 100

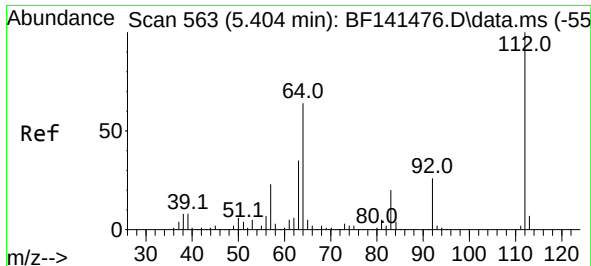
74 111.2

44 6.4

78.0 117.0

5.4 8.2

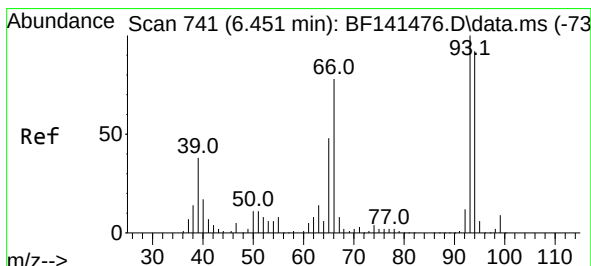
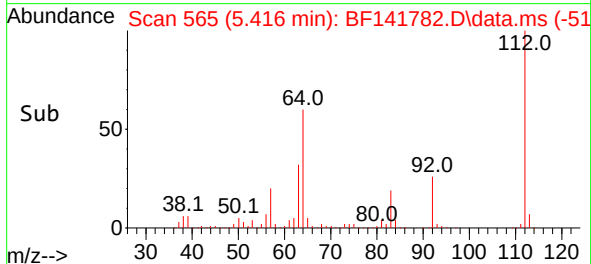
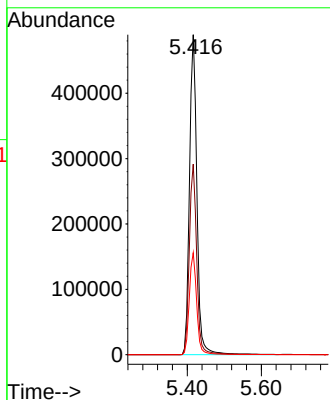
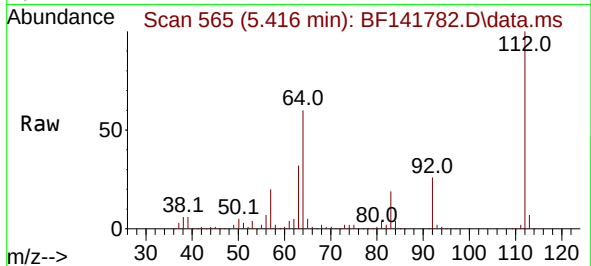




#5
2-Fluorophenol
Concen: 131.804 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

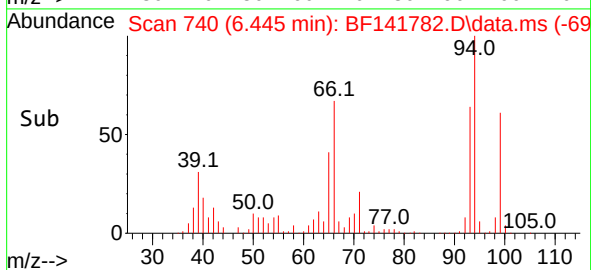
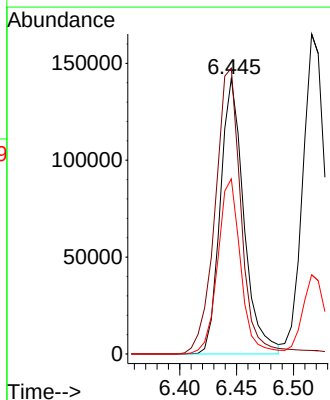
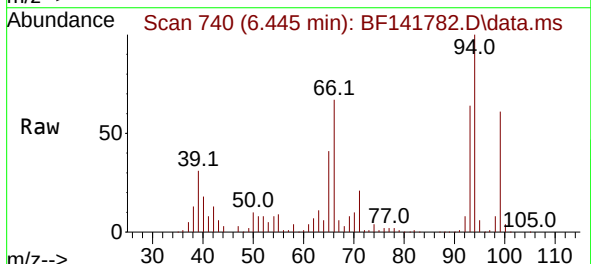
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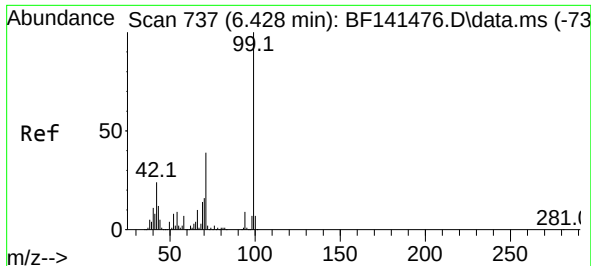
Tgt Ion:112 Resp: 681239
Ion Ratio Lower Upper
112 100
64 59.5 51.1 76.7
63 31.9 28.4 42.6



#6
Aniline
Concen: 33.481 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion: 93 Resp: 205168
Ion Ratio Lower Upper
93 100
66 103.7 62.6 94.0#
65 63.5 38.3 57.5#

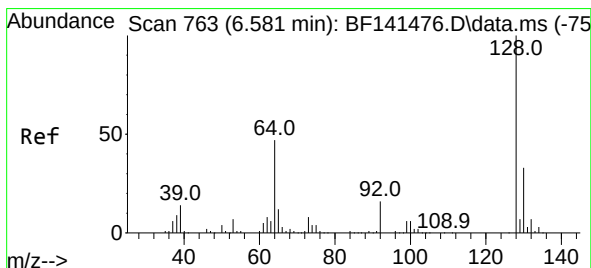
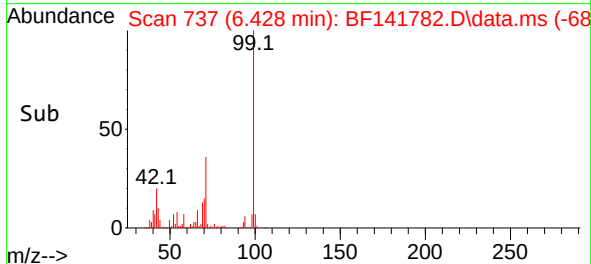
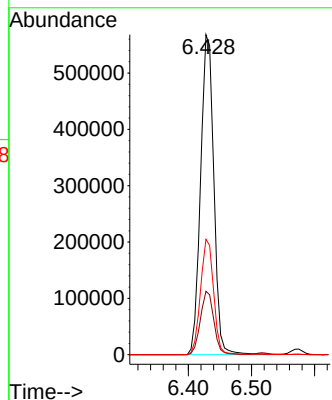
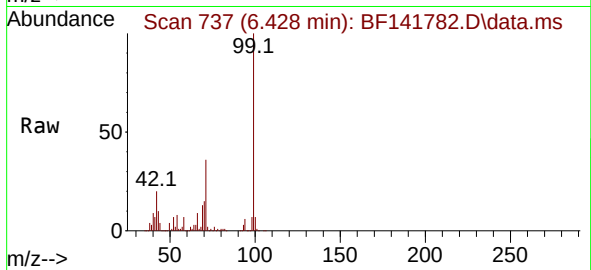




#7
Phenol-d6
Concen: 126.748 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

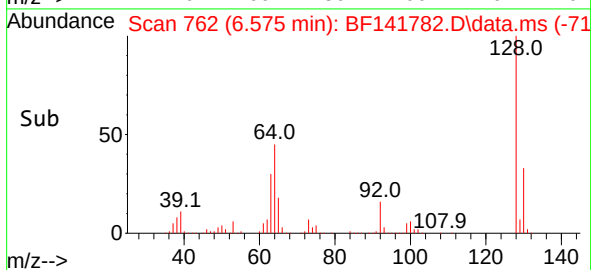
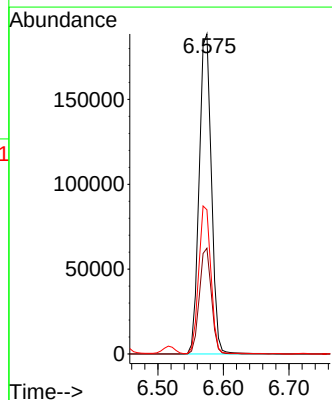
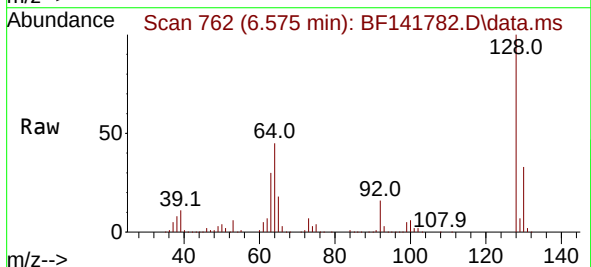
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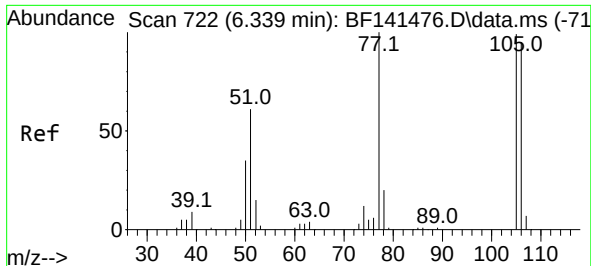
Tgt Ion: 99 Resp: 828000
Ion Ratio Lower Upper
99 100
42 19.8 19.1 28.7
71 36.1 31.1 46.7



#8
2-Chlorophenol
Concen: 43.930 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:128 Resp: 245340
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 45.0 28.3 68.3





#9

Benzaldehyde

Concen: 27.183 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

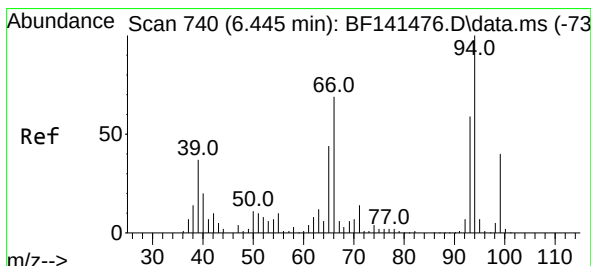
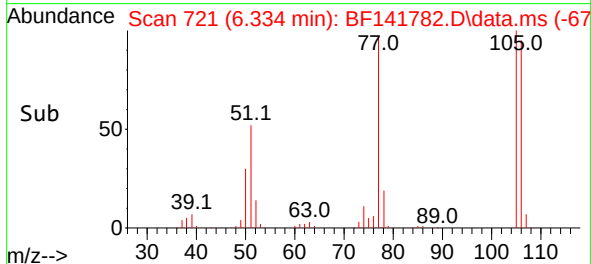
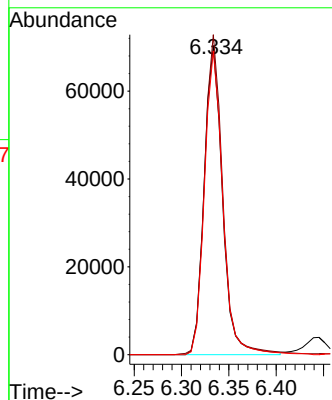
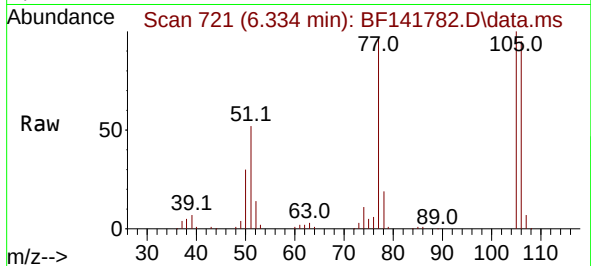
Tgt Ion: 77 Resp: 94366

Ion Ratio Lower Upper

77 100

105 103.5 79.4 119.4

106 98.3 75.1 115.1



#10

Phenol

Concen: 42.104 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

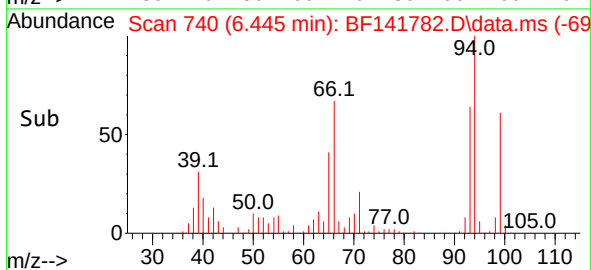
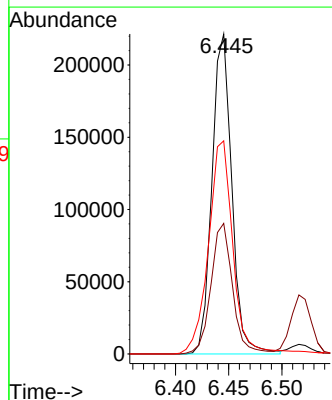
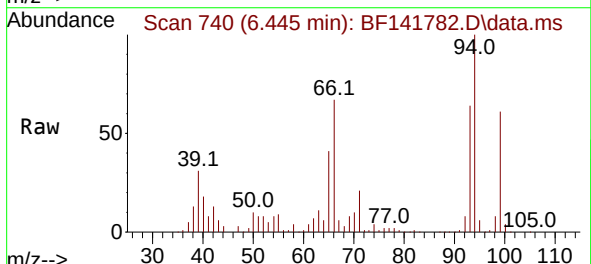
Tgt Ion: 94 Resp: 286272

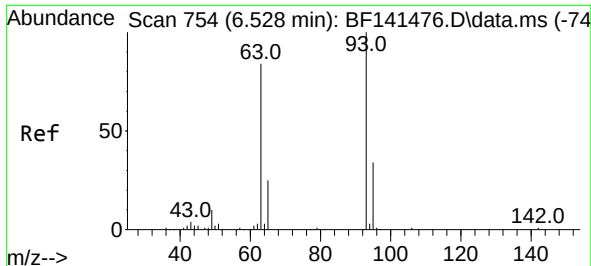
Ion Ratio Lower Upper

94 100

65 40.8 23.7 63.7

66 66.6 49.3 89.3

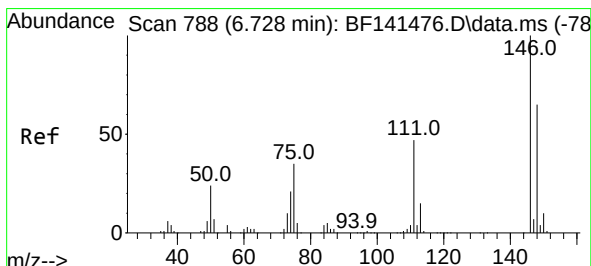
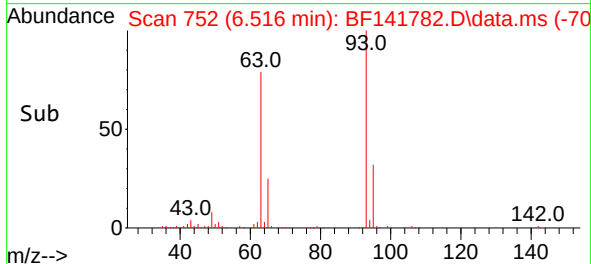
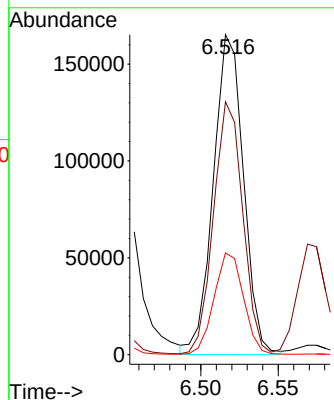
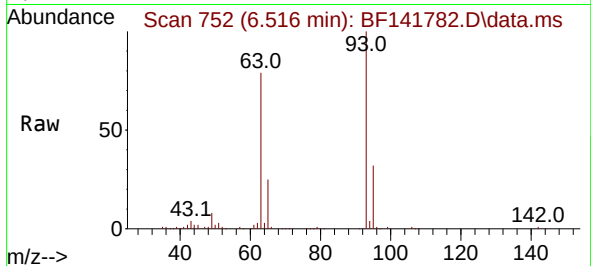




#11
bis(2-Chloroethyl)ether
Concen: 43.742 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

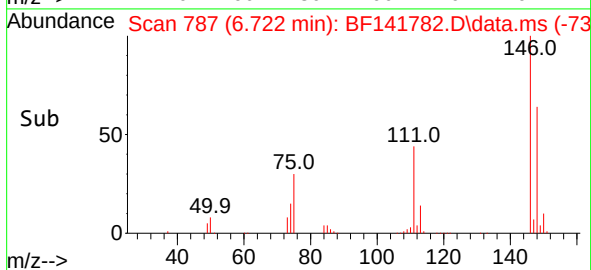
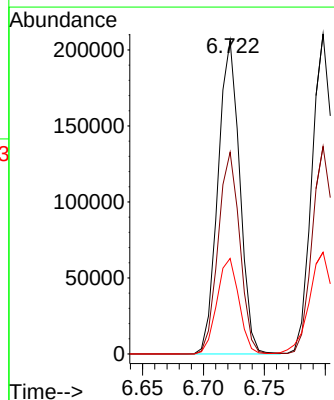
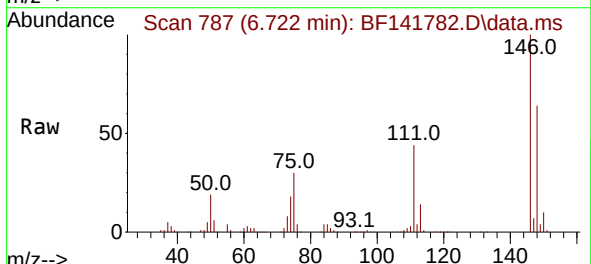
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

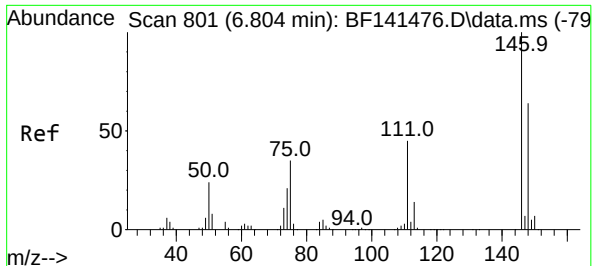
Tgt Ion: 93 Resp: 223389
Ion Ratio Lower Upper
93 100
63 79.1 62.0 102.0
95 31.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.479 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:146 Resp: 256355
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 30.4 28.2 42.2

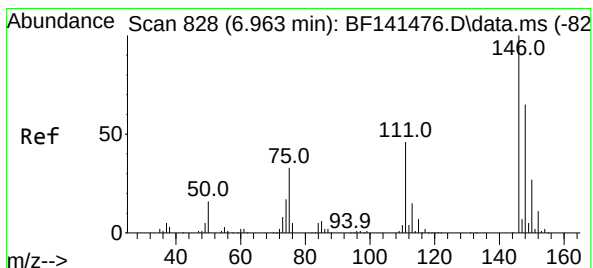
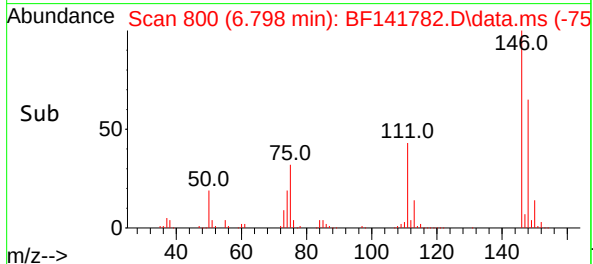
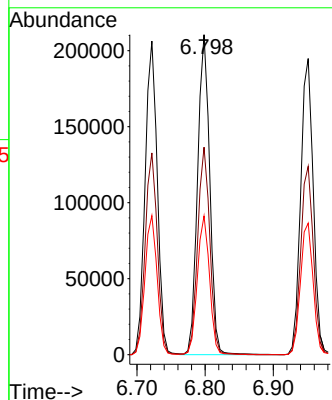
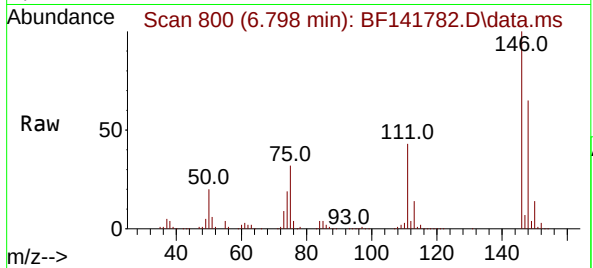




#13
1,4-Dichlorobenzene
Concen: 43.241 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

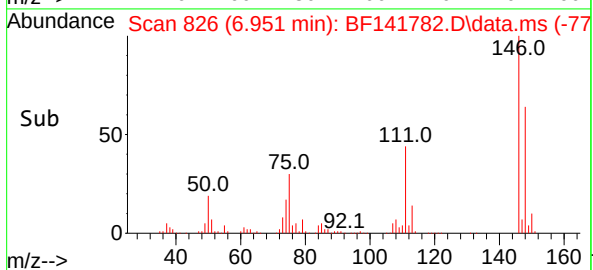
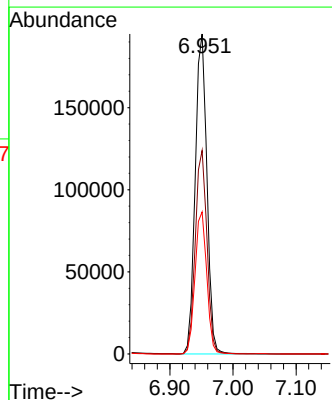
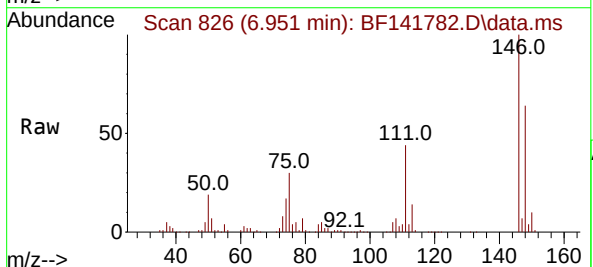
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

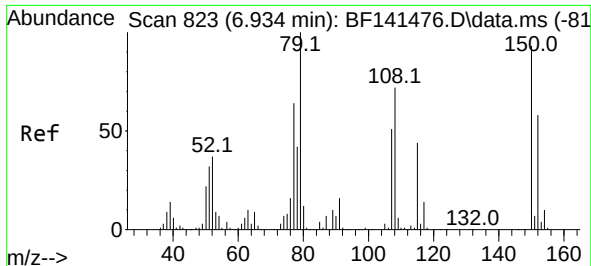
Tgt Ion:146 Resp: 260485
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
111 43.4 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 44.801 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:146 Resp: 250486
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
111 44.4 37.0 55.4

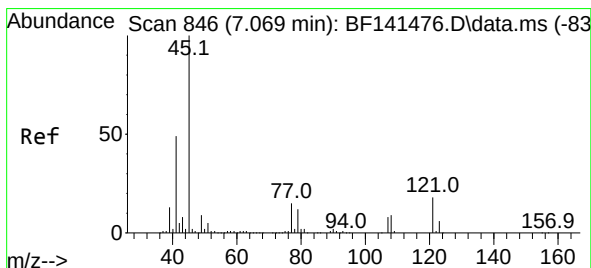
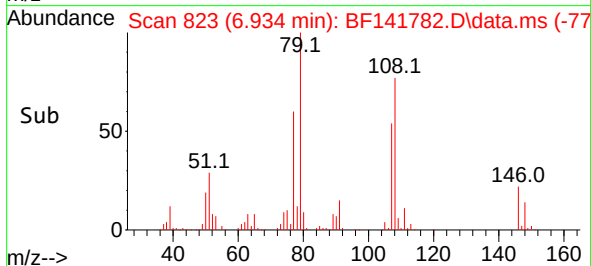
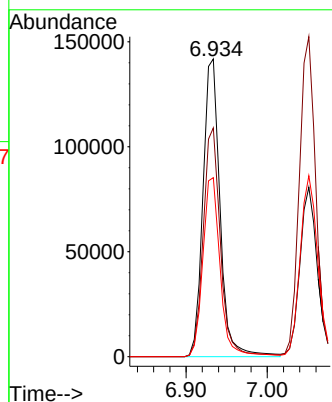
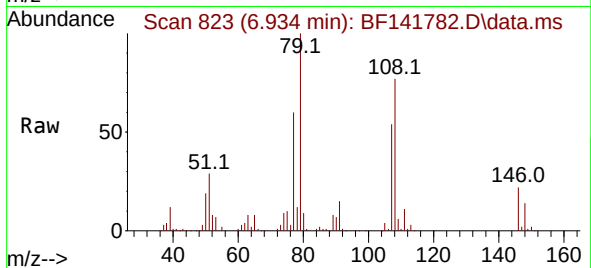




#15
Benzyl Alcohol
Concen: 41.460 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

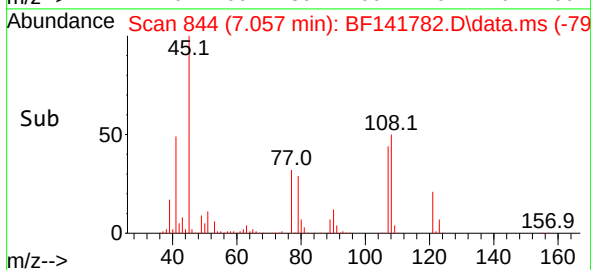
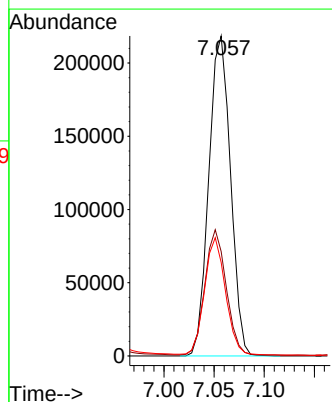
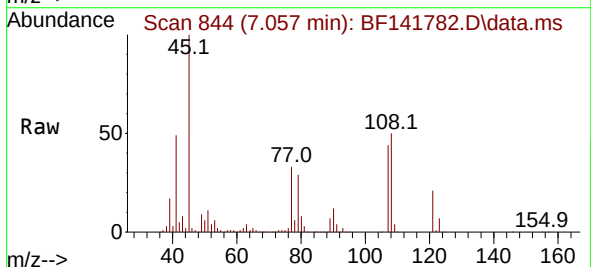
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

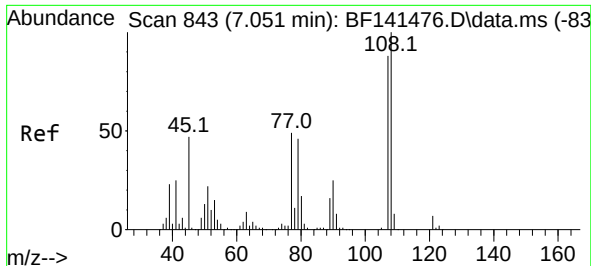
Tgt Ion: 79 Resp: 207695
Ion Ratio Lower Upper
79 100
108 76.9 57.4 86.2
77 60.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.690 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion: 45 Resp: 329491
Ion Ratio Lower Upper
45 100
77 32.6 0.0 35.8
79 29.3 0.0 32.7

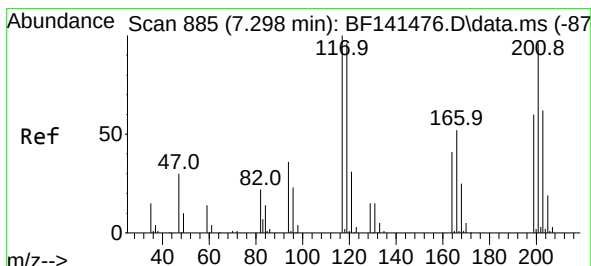
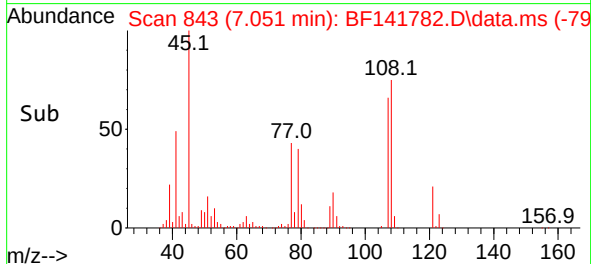
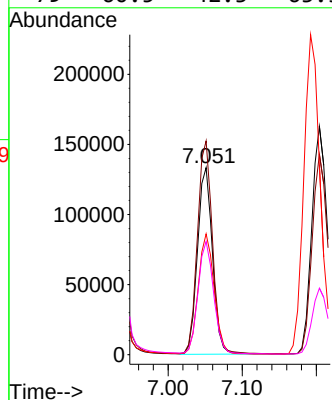
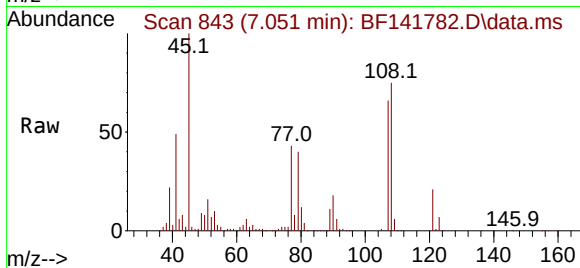




#17
2-Methylphenol
Concen: 42.874 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

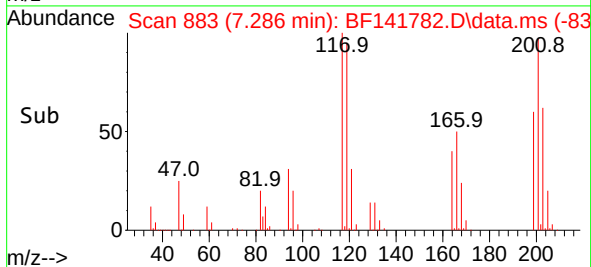
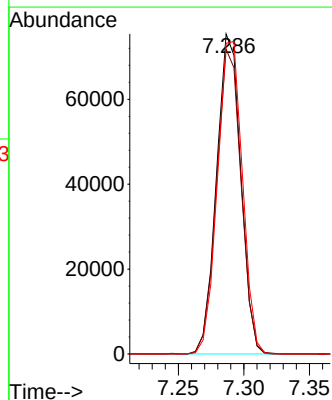
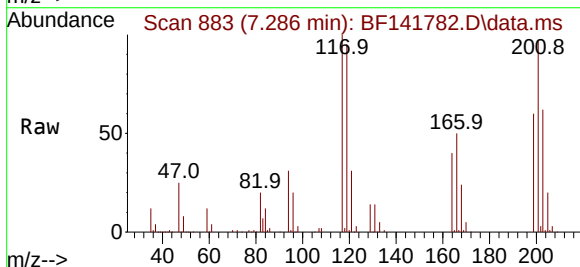
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

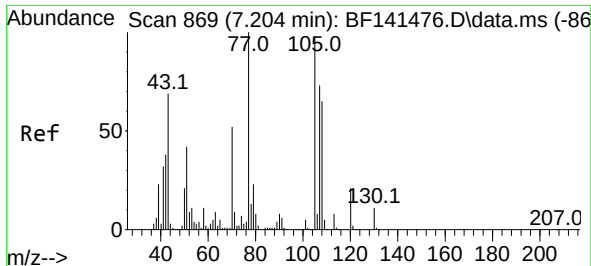
Tgt Ion:	107	Resp:	187380
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.6	136.0
77	64.6	44.4	66.6
79	60.5	42.3	63.5



#18
Hexachloroethane
Concen: 43.451 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:	117	Resp:	96870
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	97.1	76.7	115.1

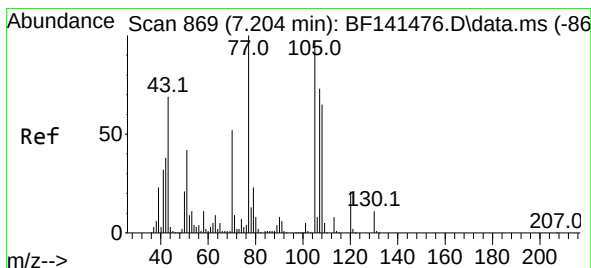
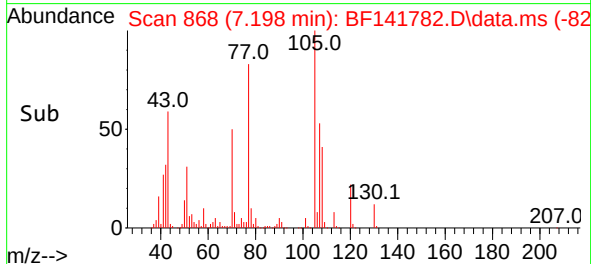
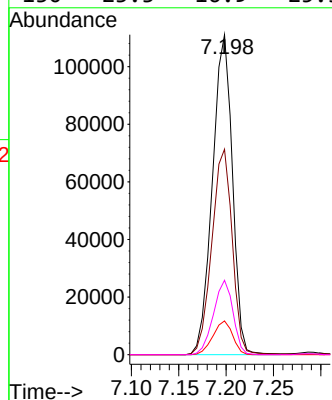
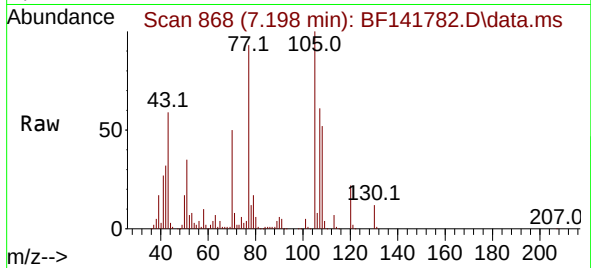




#19
n-Nitroso-di-n-propylamine
Concen: 41.739 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

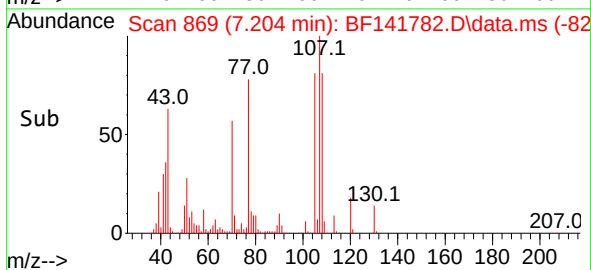
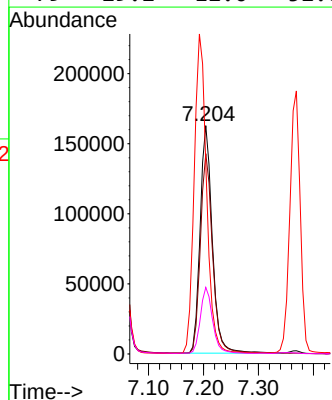
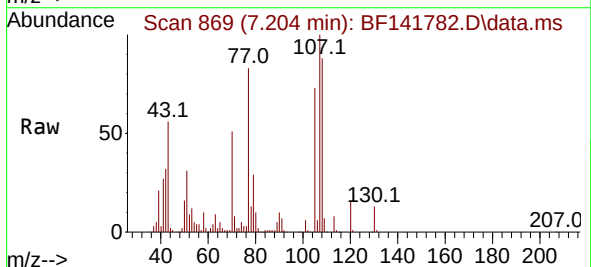
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

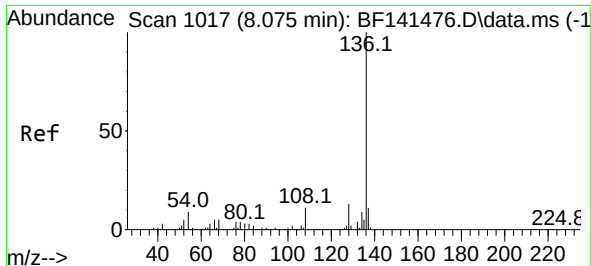
Tgt Ion: 70 Resp: 163097
Ion Ratio Lower Upper
70 100
42 64.2 57.4 86.2
101 10.6 8.0 12.0
130 23.3 16.9 25.3



#20
3+4-Methylphenols
Concen: 45.173 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion: 107 Resp: 250904
Ion Ratio Lower Upper
107 100
108 87.7 68.5 108.5
77 83.1 116.5 156.5#
79 29.2 12.0 52.0

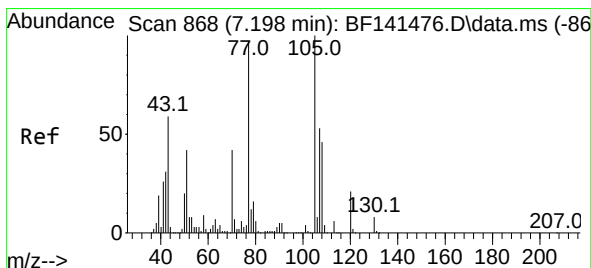
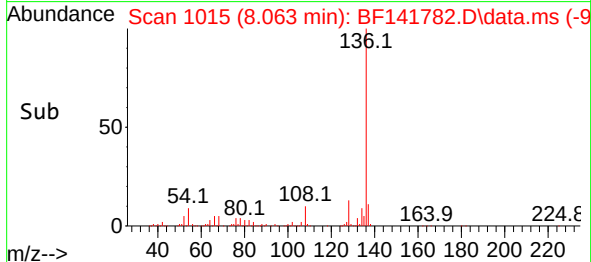
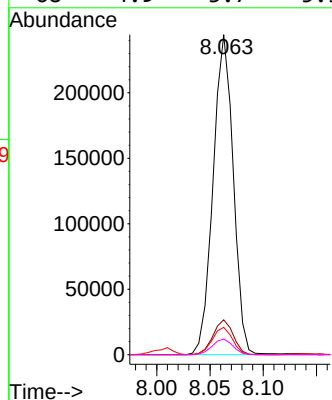
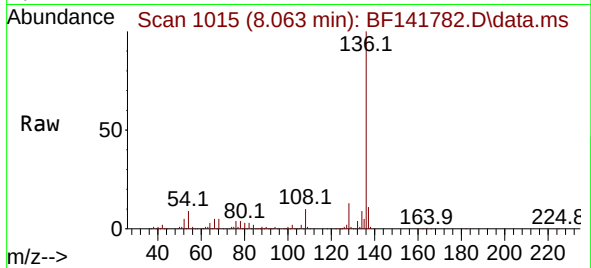




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

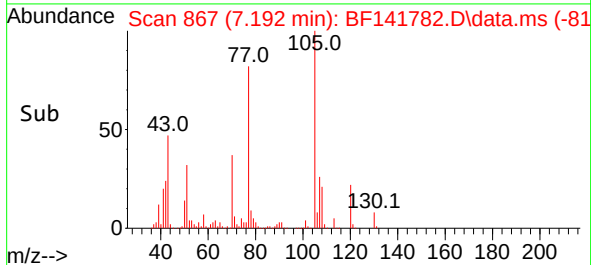
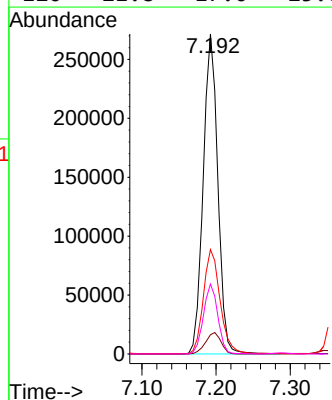
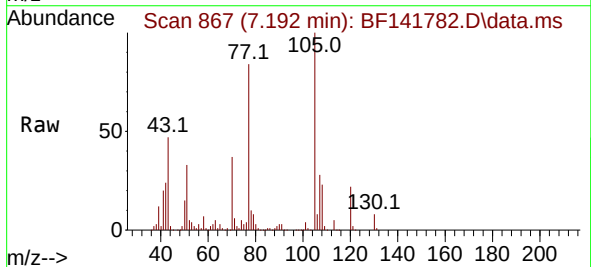
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

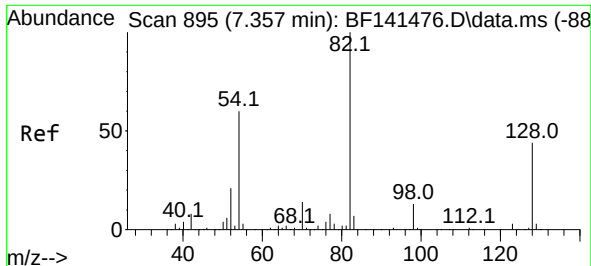
Tgt Ion:	136	Resp:	321539
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.6	7.2	10.8
68	4.9	3.7	5.5



#22
Acetophenone
Concen: 46.687 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:	105	Resp:	373423
Ion Ratio	Lower	Upper	
105	100		
71	6.0	5.7	8.5
51	32.7	33.7	50.5
120	21.8	17.0	25.6

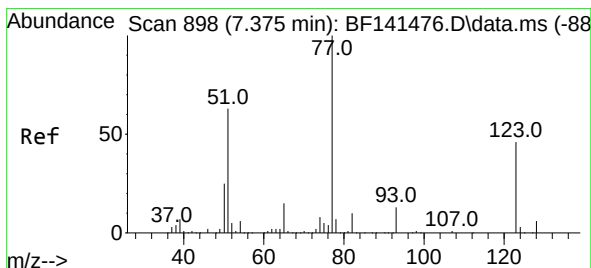
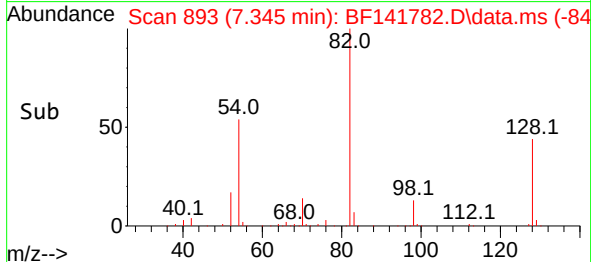
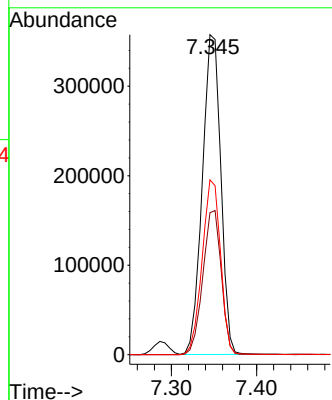
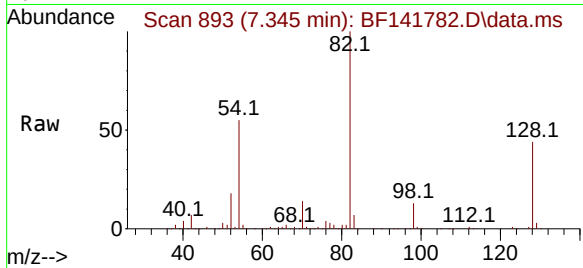




#23
 Nitrobenzene-d5
 Concen: 87.355 ng
 RT: 7.345 min Scan# 895
 Delta R.T. -0.018 min
 Lab File: BF141782.D
 Acq: 26 Feb 2025 14:54

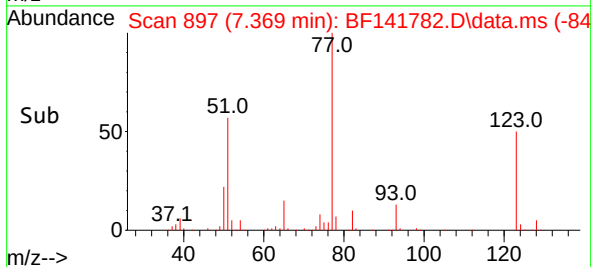
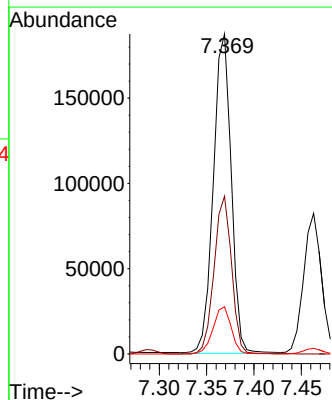
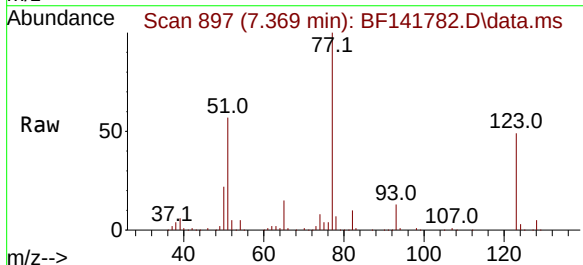
Instrument :
 BNA_F
 ClientSampleId :
 PB166875BSD

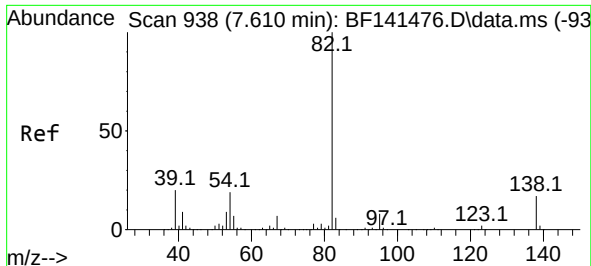
Tgt Ion: 82 Resp: 538517
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.8 52.2
 54 54.7 48.2 72.4



#24
 Nitrobenzene
 Concen: 40.921 ng
 RT: 7.369 min Scan# 897
 Delta R.T. -0.012 min
 Lab File: BF141782.D
 Acq: 26 Feb 2025 14:54

Tgt Ion: 77 Resp: 245989
 Ion Ratio Lower Upper
 77 100
 123 49.3 36.9 55.3
 65 14.8 11.9 17.9

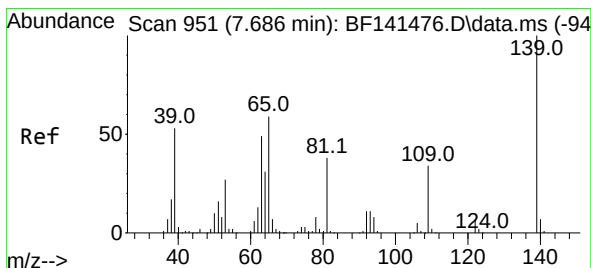
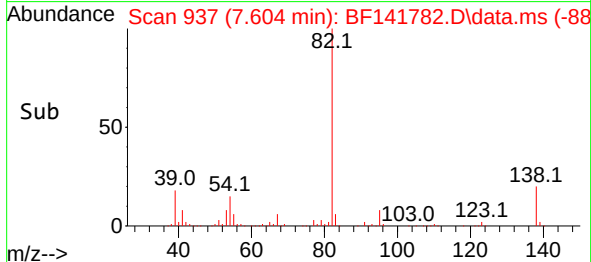
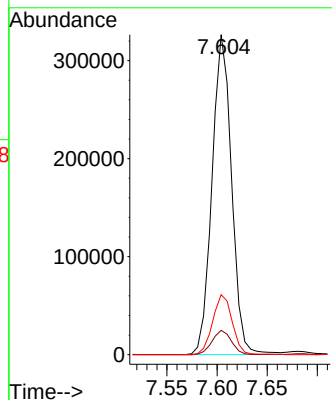
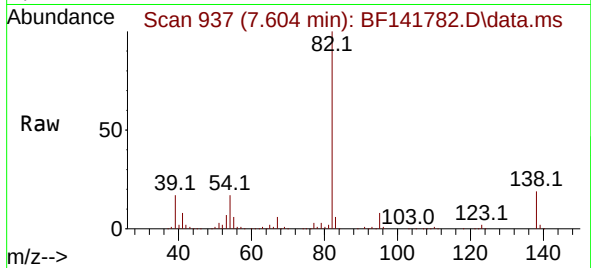




#25
Isophorone
Concen: 45.039 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

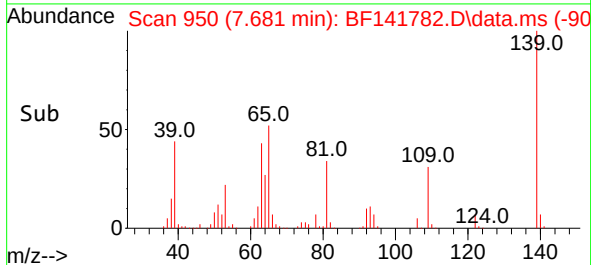
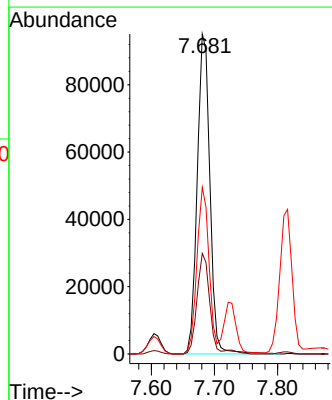
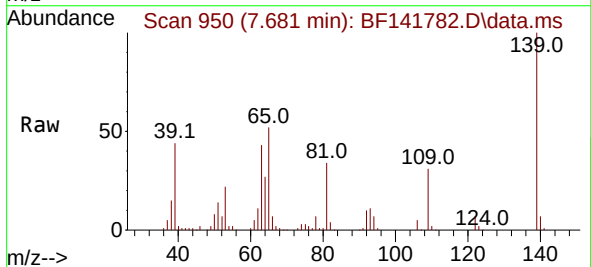
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

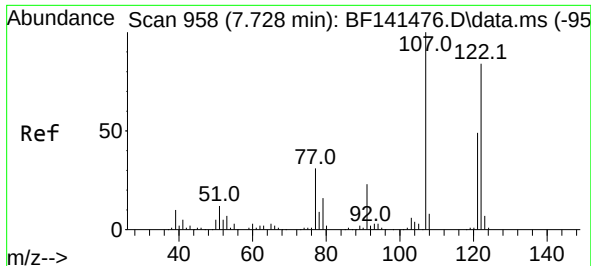
Tgt Ion: 82 Resp: 442707
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.8 13.9 20.9



#26
2-Nitrophenol
Concen: 44.262 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:139 Resp: 132377
Ion Ratio Lower Upper
139 100
109 31.4 27.0 40.6
65 52.1 47.1 70.7

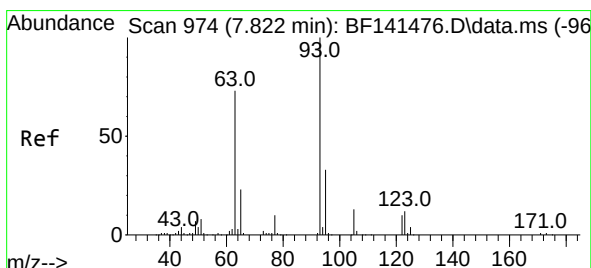
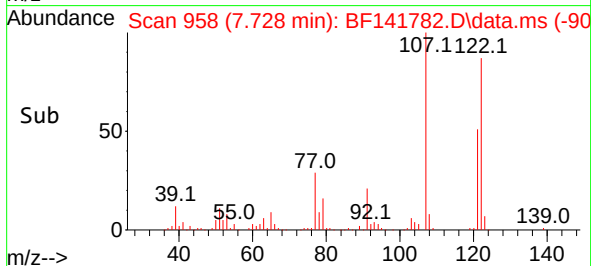
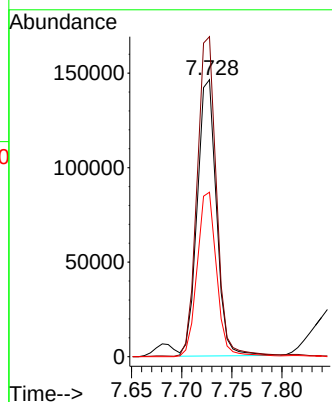
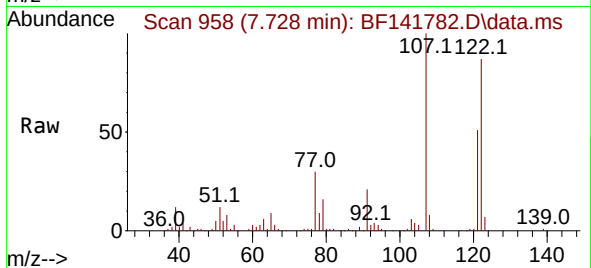




#27
2,4-Dimethylphenol
Concen: 55.812 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

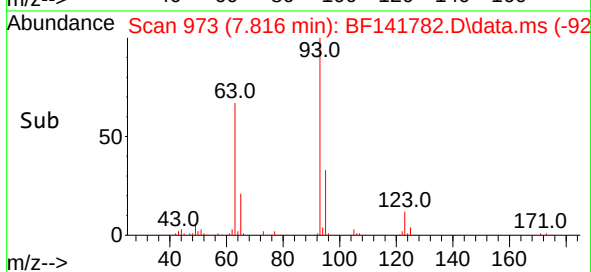
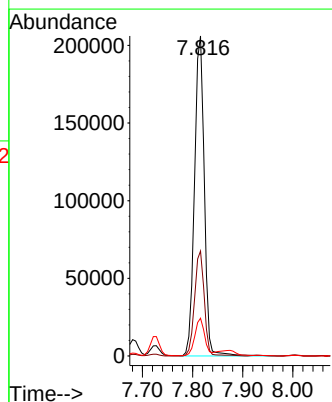
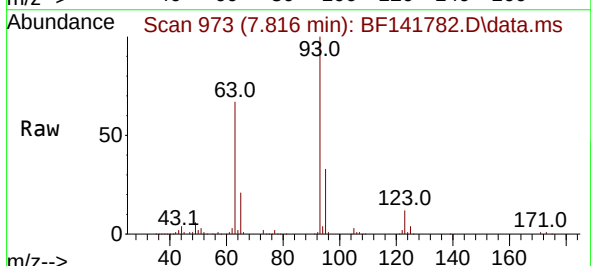
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

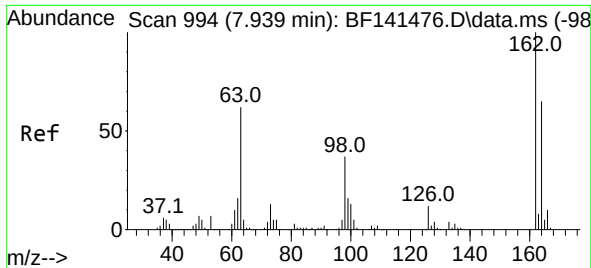
Tgt Ion:122 Resp: 194997
Ion Ratio Lower Upper
122 100
107 115.6 94.3 141.5
121 59.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.386 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion: 93 Resp: 279563
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.120 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

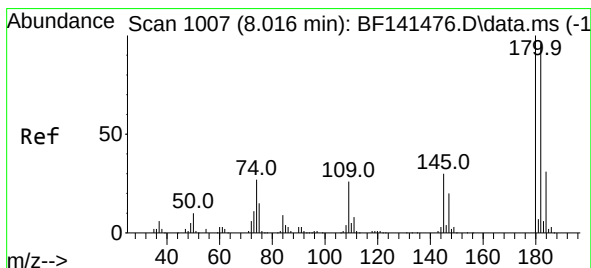
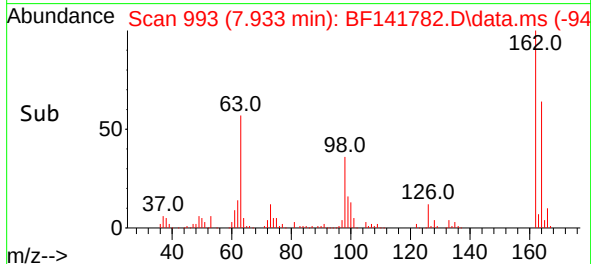
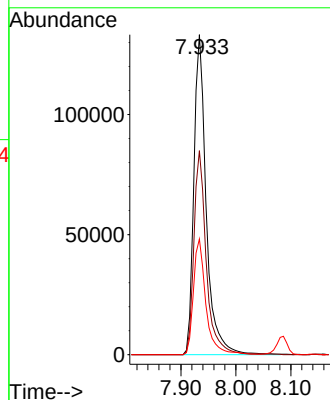
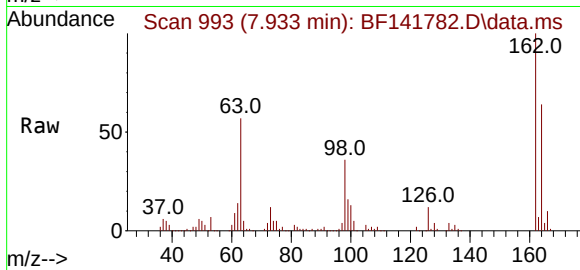
Tgt Ion:162 Resp: 208275

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

98 36.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 43.099 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

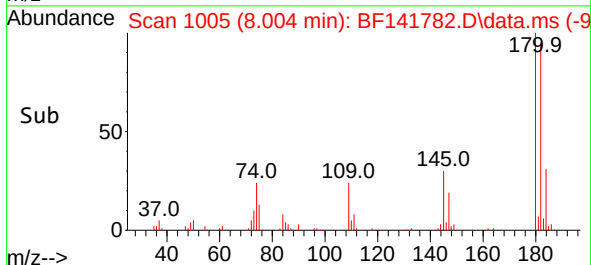
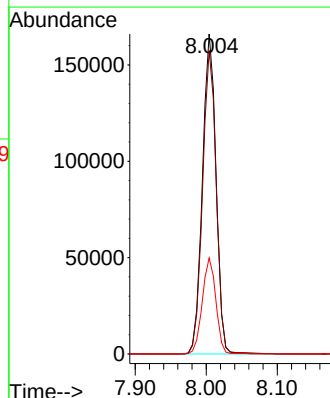
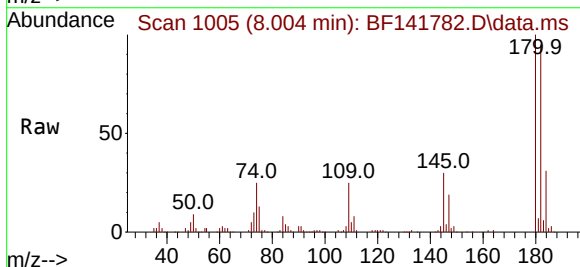
Tgt Ion:180 Resp: 221560

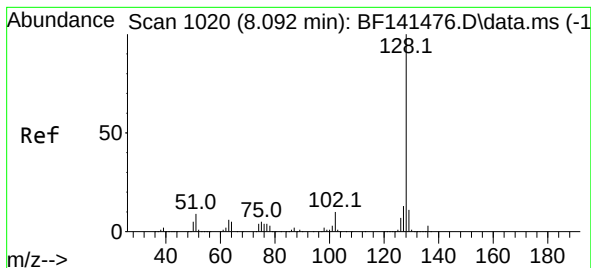
Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

145 30.0 24.2 36.4





#31

Naphthalene

Concen: 42.424 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

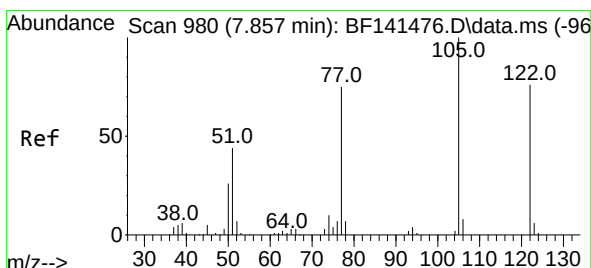
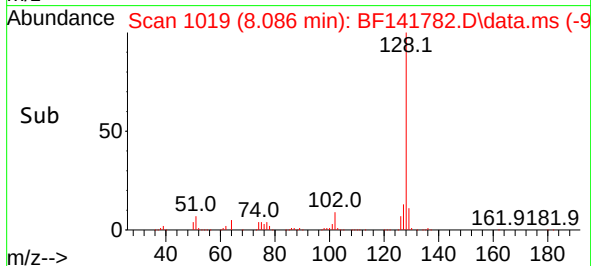
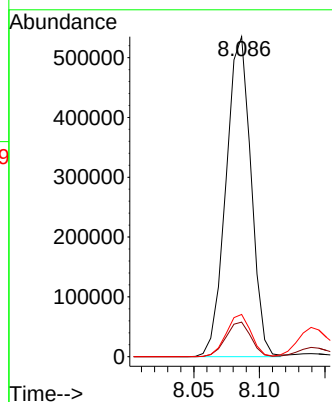
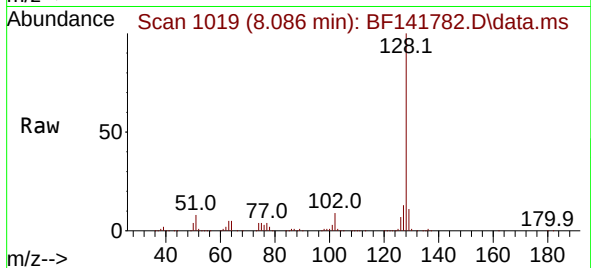
Tgt Ion:128 Resp: 710062

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 37.346 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.018 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

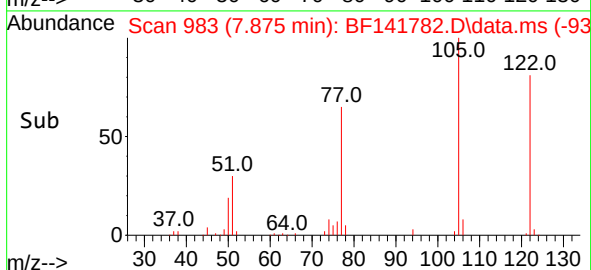
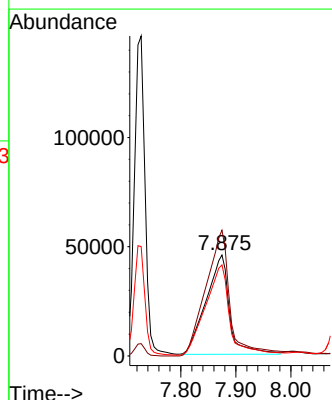
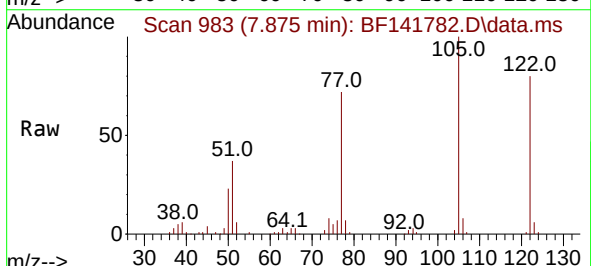
Tgt Ion:122 Resp: 135530

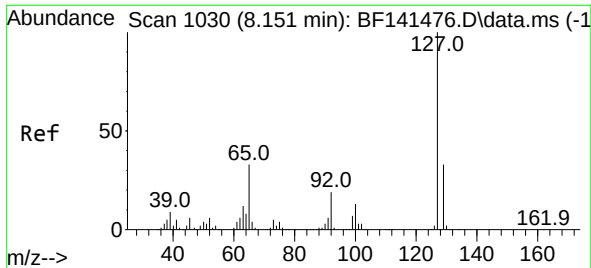
Ion Ratio Lower Upper

122 100

105 124.6 106.5 146.5

77 90.3 76.3 116.3

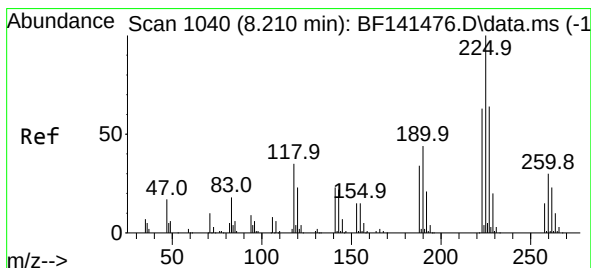
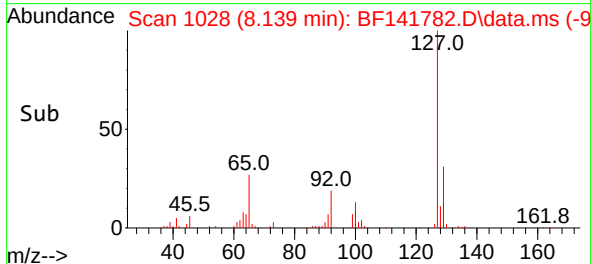
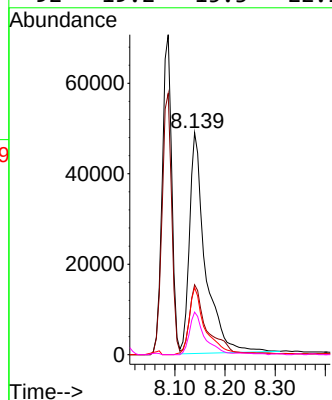
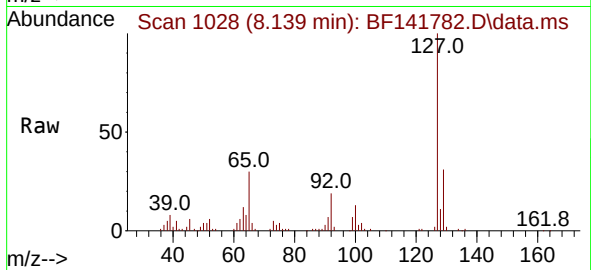




#33
4-Chloroaniline
Concen: 18.318 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

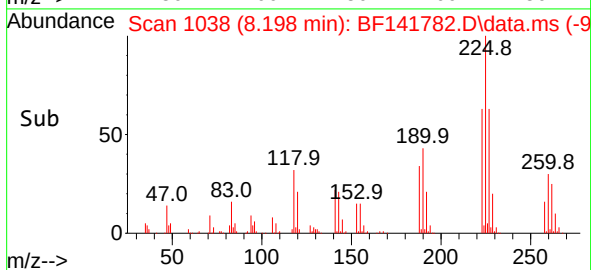
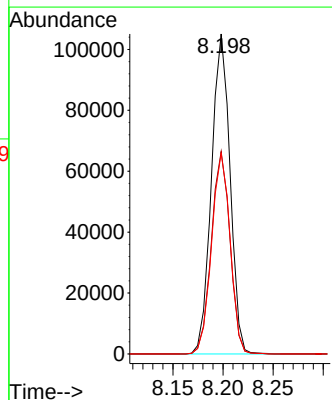
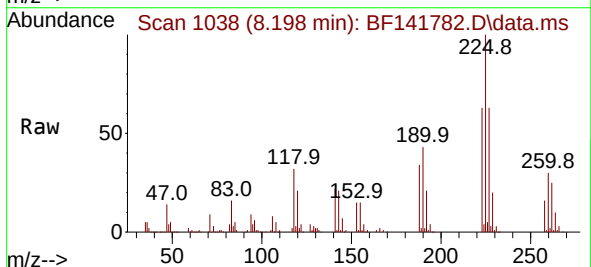
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

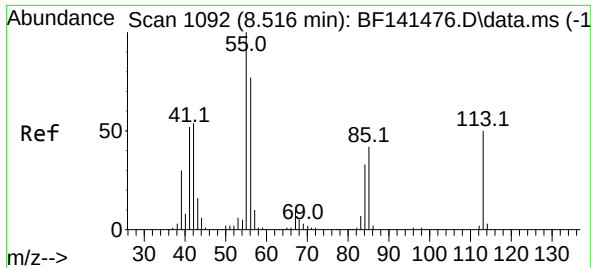
Tgt Ion:127	Resp: 107042
Ion Ratio	Lower Upper
127 100	
129 31.5	26.5 39.7
65 30.2	26.4 39.6
92 19.2	15.3 22.9



#34
Hexachlorobutadiene
Concen: 43.914 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:225	Resp: 135525
Ion Ratio	Lower Upper
225 100	
223 63.3	50.1 75.1
227 62.8	51.0 76.6

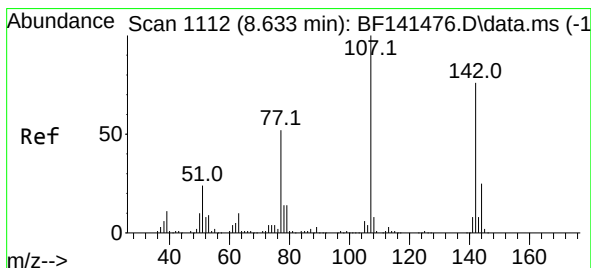
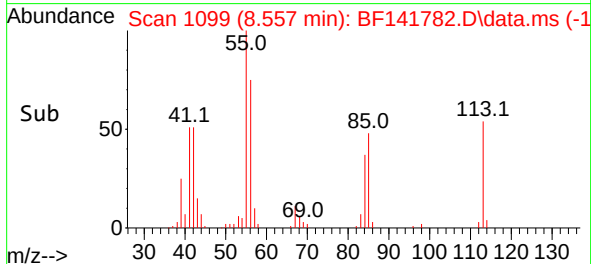
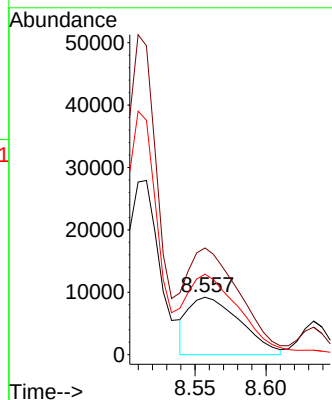
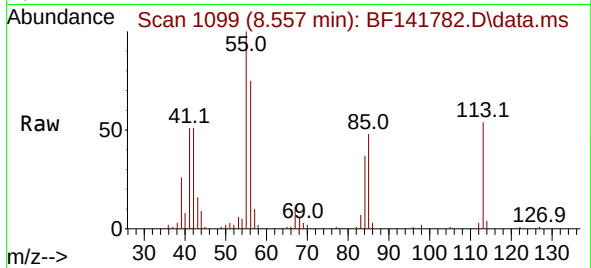




#35
Caprolactam
Concen: 16.208 ng
RT: 8.557 min Scan# 1099
Delta R.T. 0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

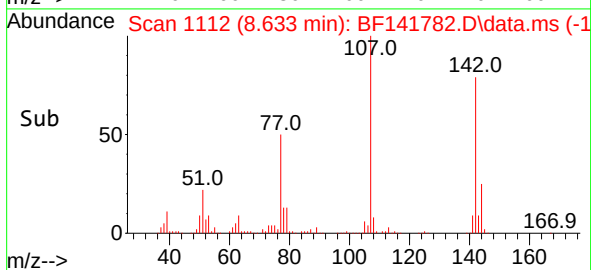
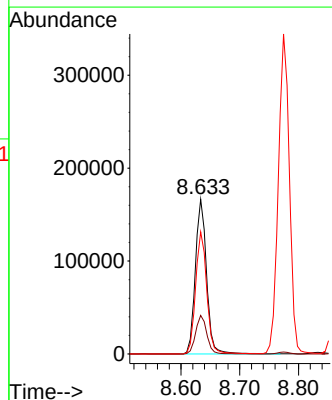
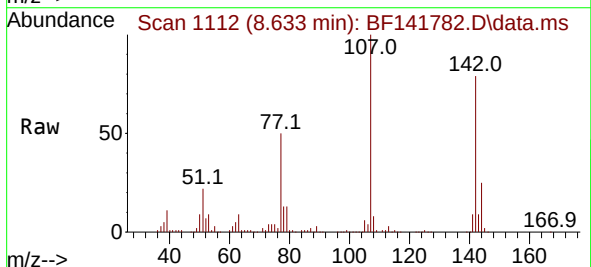
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

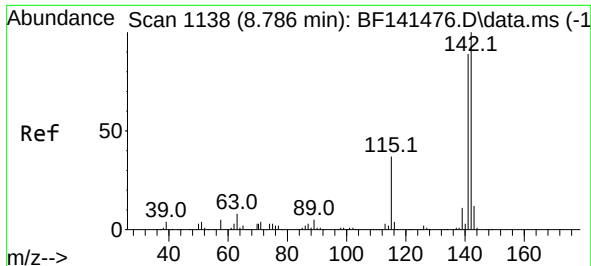
Tgt Ion:113 Resp: 23296
Ion Ratio Lower Upper
113 100
55 186.0 180.8 220.8
56 140.3 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 42.134 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:107 Resp: 220323
Ion Ratio Lower Upper
107 100
144 24.9 19.7 29.5
142 78.9 60.8 91.2

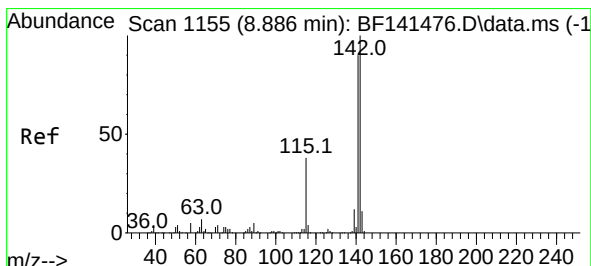
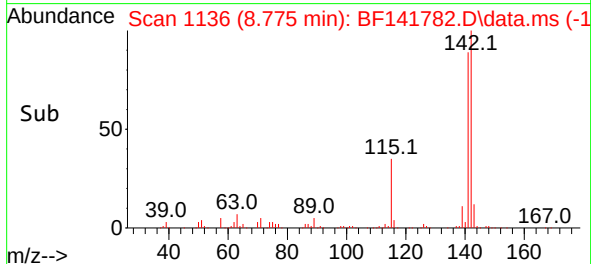
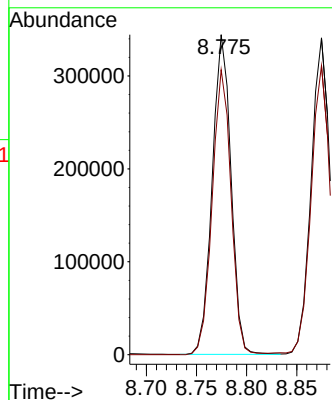
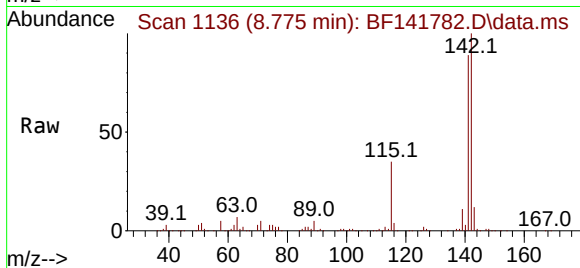




#37
2-Methylnaphthalene
Concen: 41.298 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

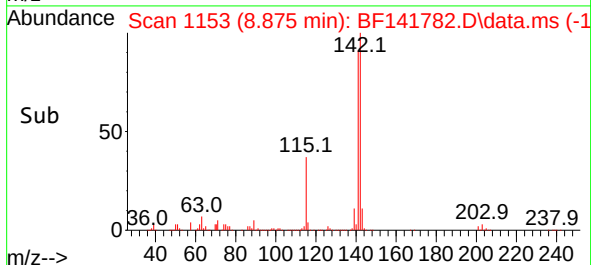
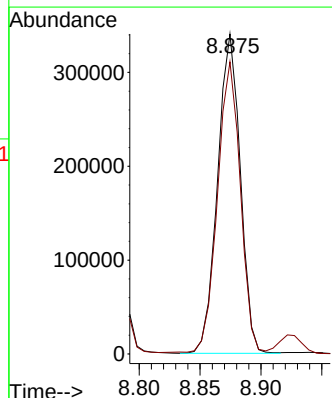
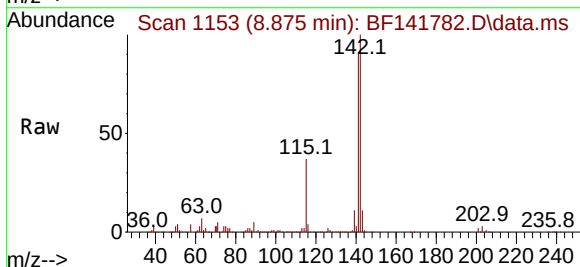
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

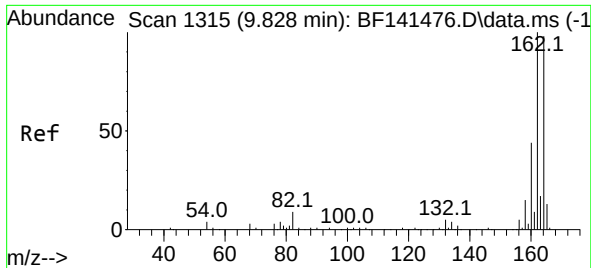
Tgt Ion:142 Resp: 449799
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 41.911 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:142 Resp: 442108
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

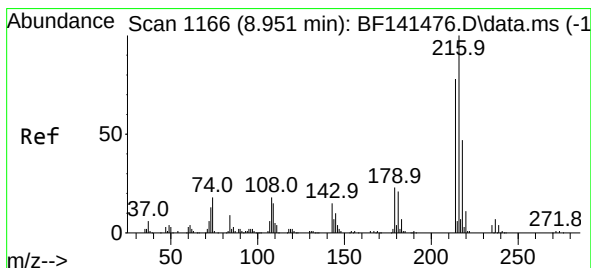
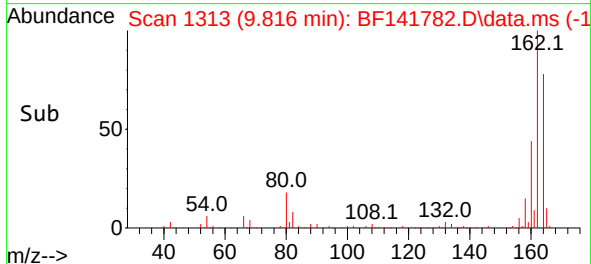
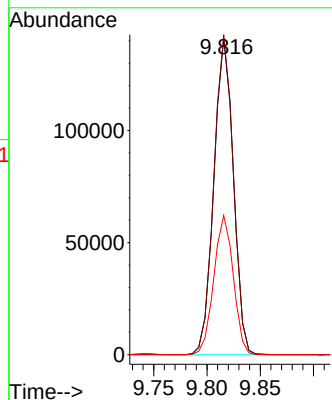
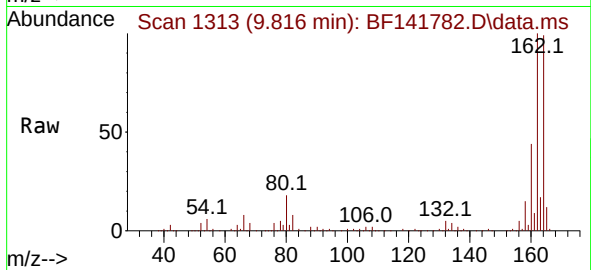
Tgt Ion:164 Resp: 179613

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

160 44.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.248 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Tgt Ion:216 Resp: 245522

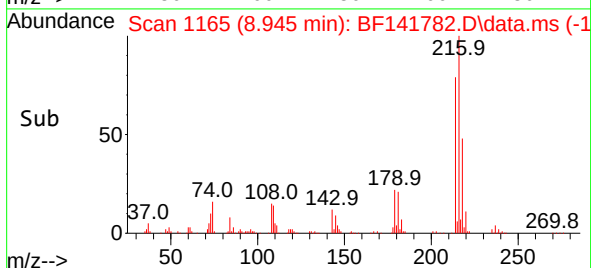
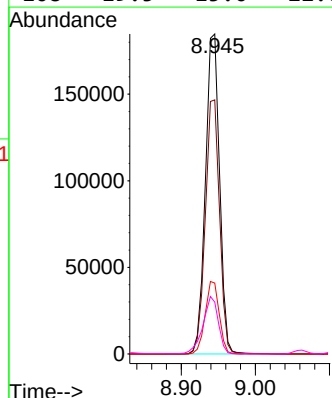
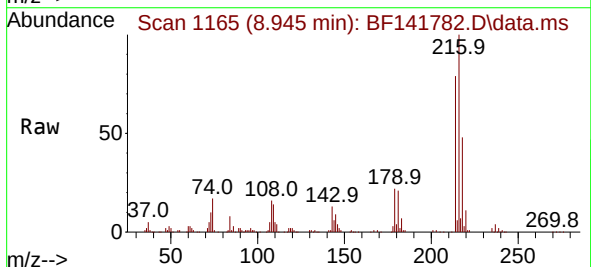
Ion Ratio Lower Upper

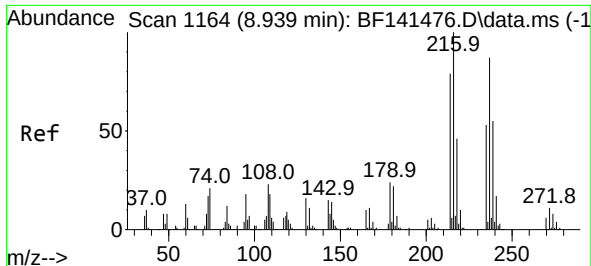
216 100

214 79.8 62.3 93.5

179 22.5 18.0 27.0

108 19.5 15.0 22.6

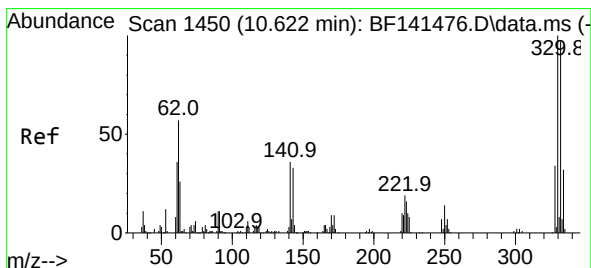
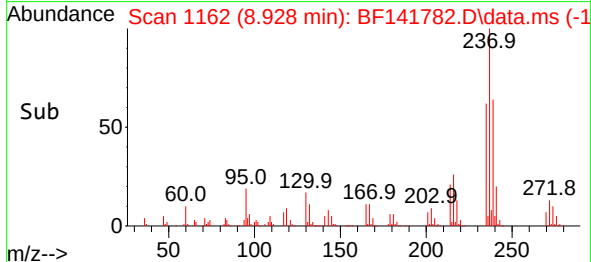
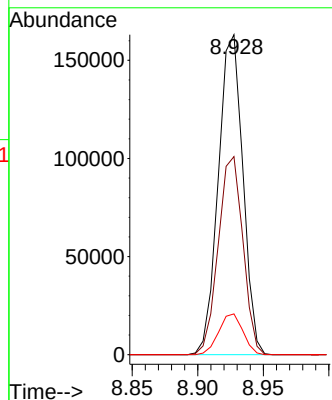
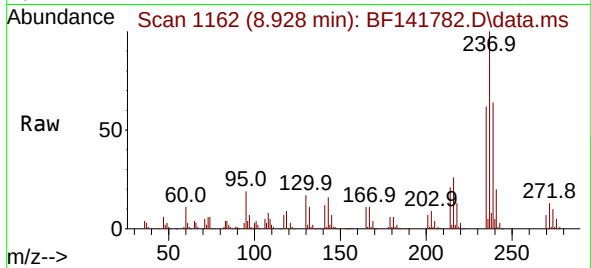




#41
Hexachlorocyclopentadiene
Concen: 122.809 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

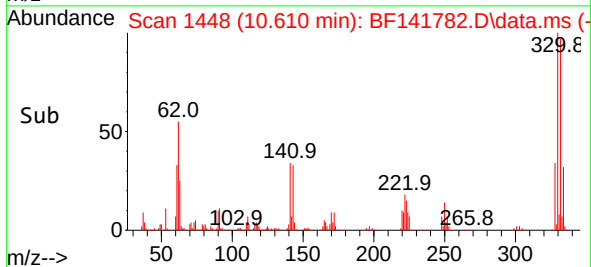
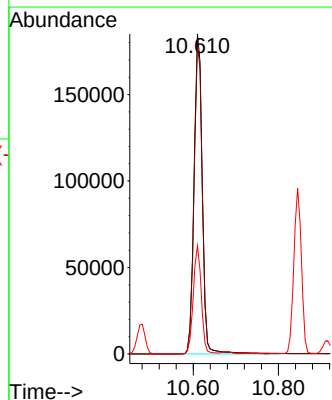
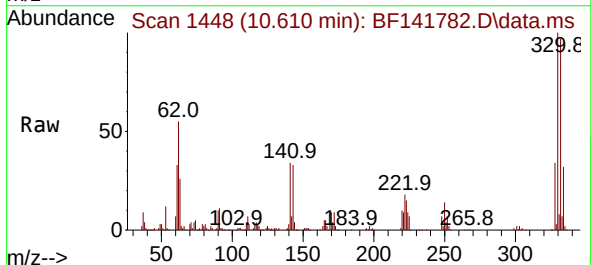
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

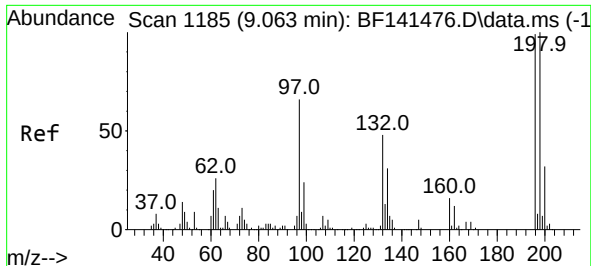
Tgt Ion:237 Resp: 212260
Ion Ratio Lower Upper
237 100
235 61.9 41.4 81.4
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 138.363 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:330 Resp: 249647
Ion Ratio Lower Upper
330 100
332 97.0 78.5 117.7
141 32.8 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.435 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

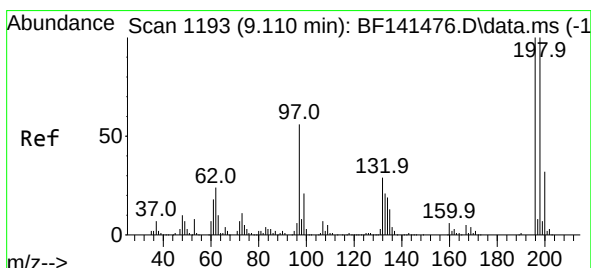
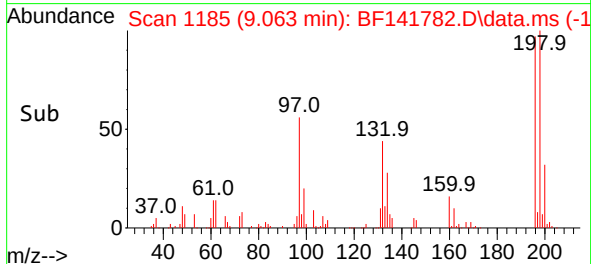
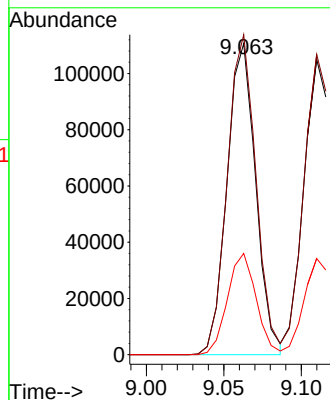
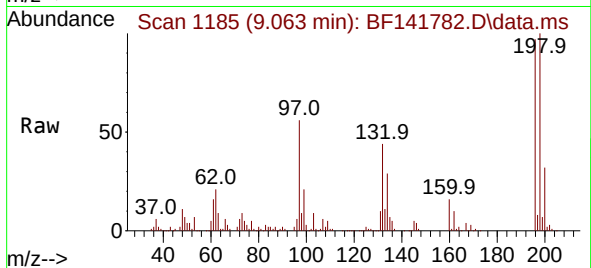
Tgt Ion:196 Resp: 142519

Ion Ratio Lower Upper

196 100

198 102.8 80.6 121.0

200 32.6 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 42.139 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Tgt Ion:196 Resp: 153378

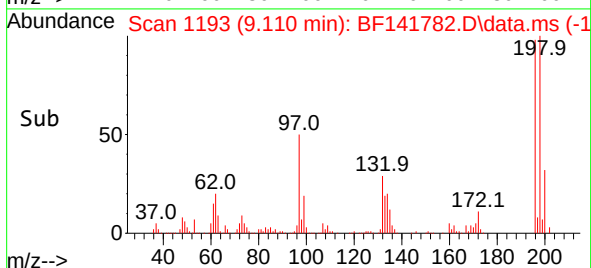
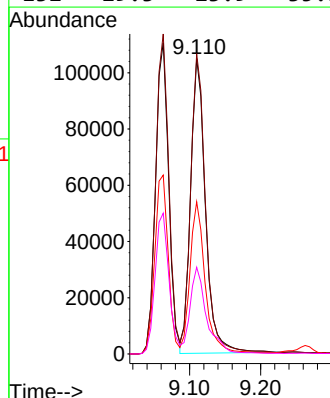
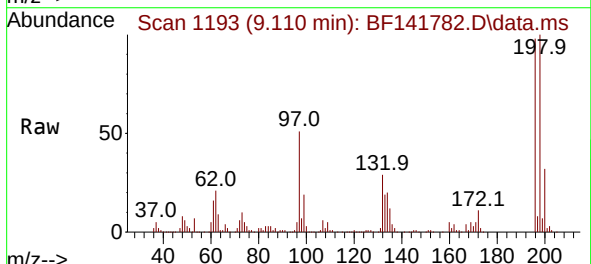
Ion Ratio Lower Upper

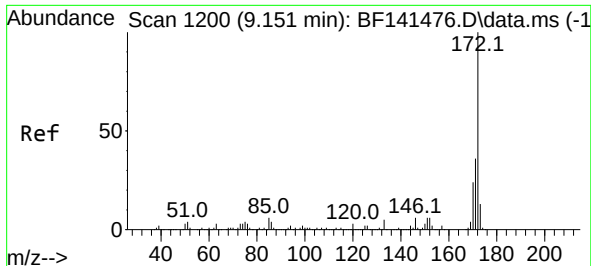
196 100

198 101.6 79.8 119.8

97 51.5 44.8 67.2

132 29.3 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 91.705 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

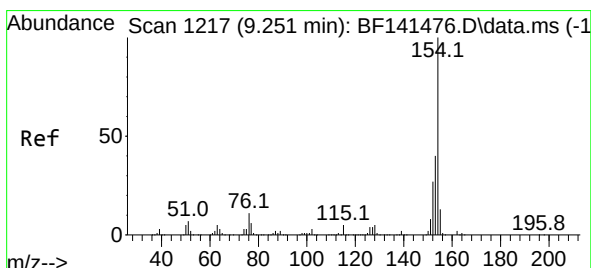
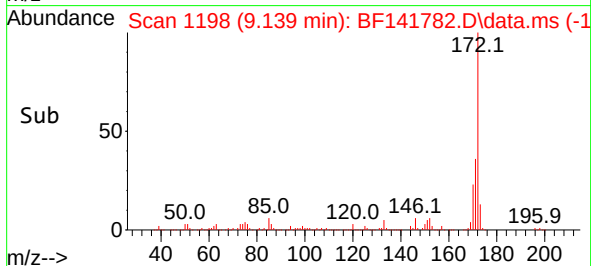
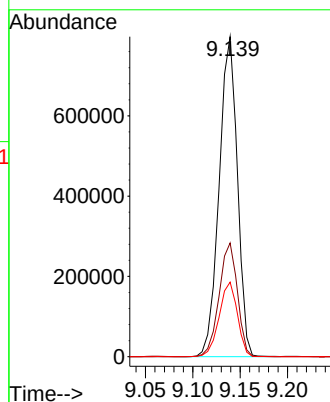
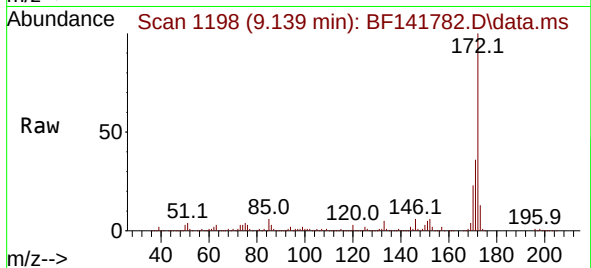
Tgt Ion:172 Resp: 1069121

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 47.858 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

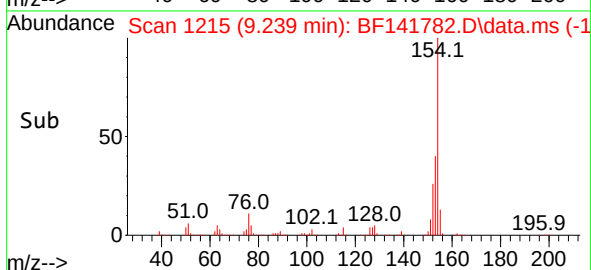
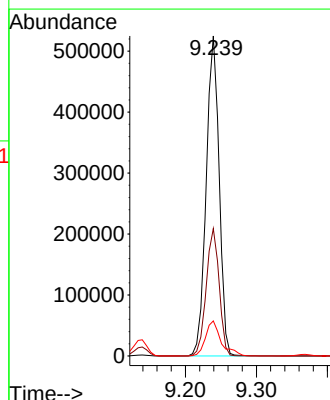
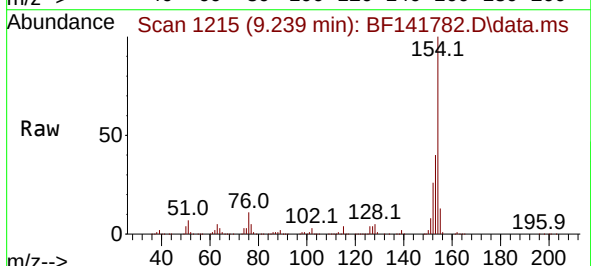
Tgt Ion:154 Resp: 666430

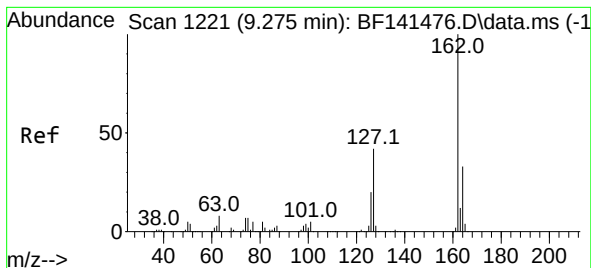
Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

76 11.0 0.0 30.8





#47

2-Chloronaphthalene

Concen: 43.579 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

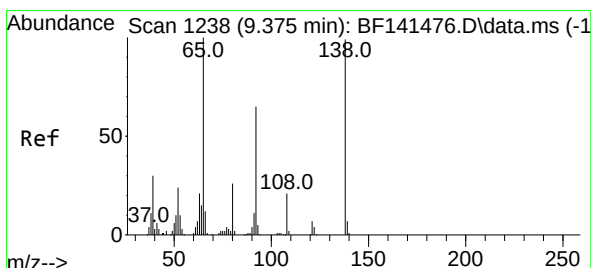
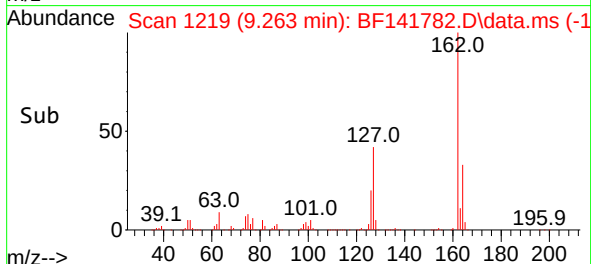
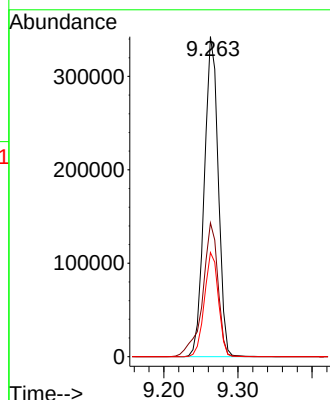
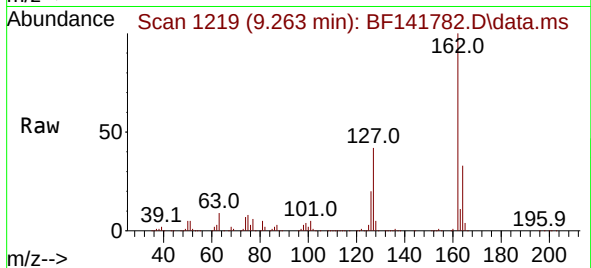
Tgt Ion:162 Resp: 448737

Ion Ratio Lower Upper

162 100

127 41.8 34.1 51.1

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 40.518 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

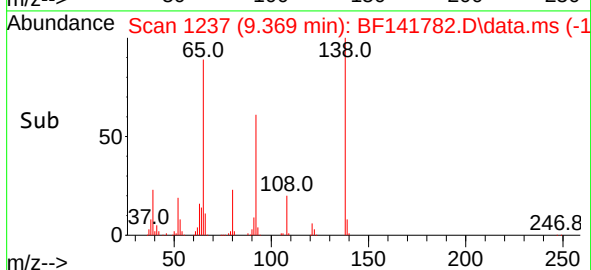
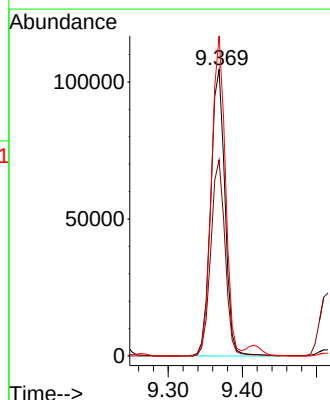
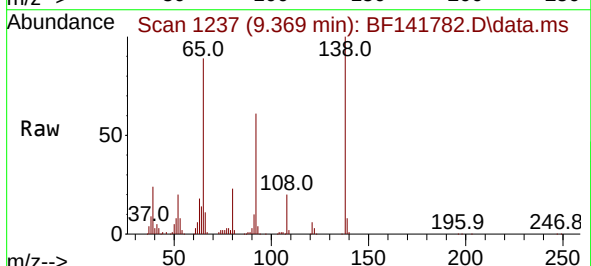
Tgt Ion: 65 Resp: 140021

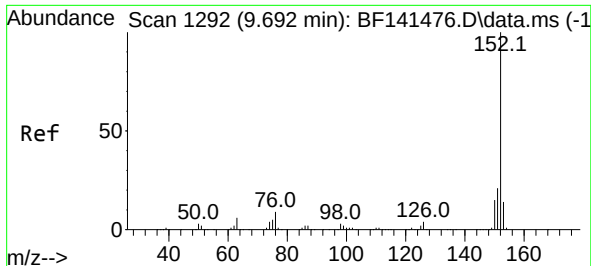
Ion Ratio Lower Upper

65 100

92 68.5 52.2 78.2

138 111.8 79.5 119.3





#49

Acenaphthylene

Concen: 45.120 ng

RT: 9.680 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

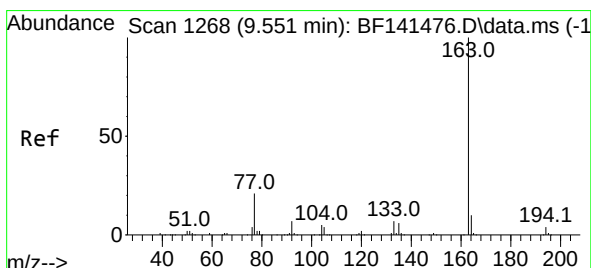
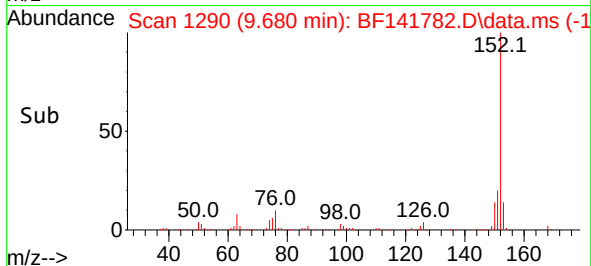
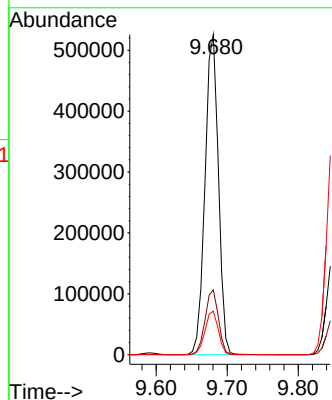
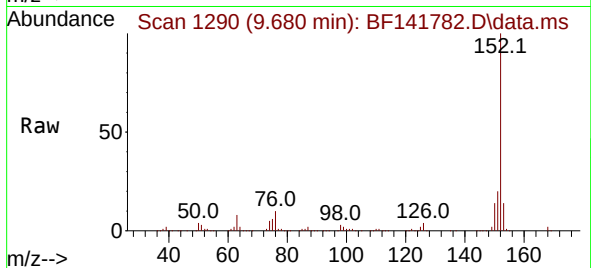
Tgt Ion:152 Resp: 691055

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.6 10.9 16.3



#50

Dimethylphthalate

Concen: 44.593 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.024 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

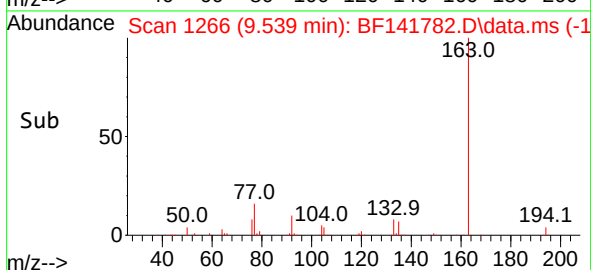
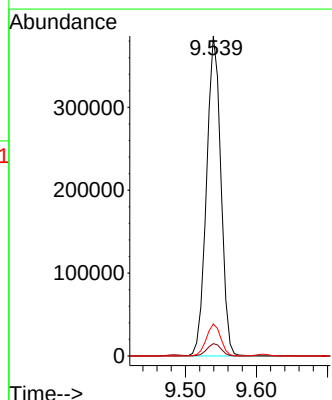
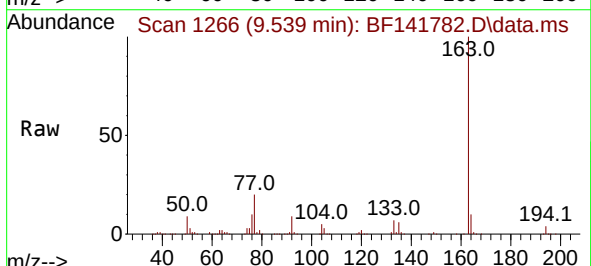
Tgt Ion:163 Resp: 543747

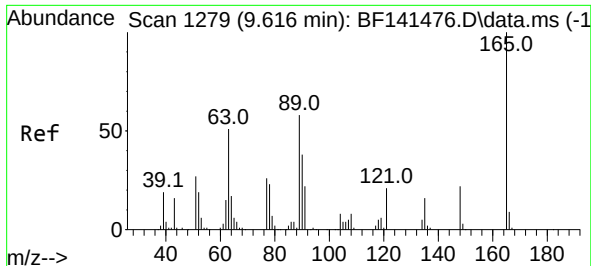
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.0 7.9 11.9

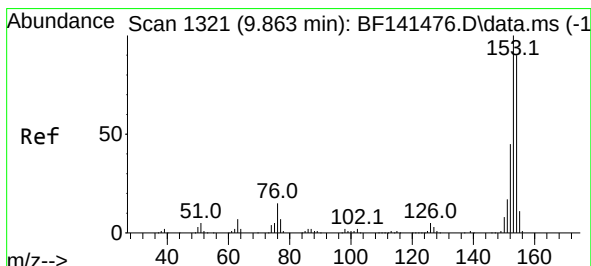
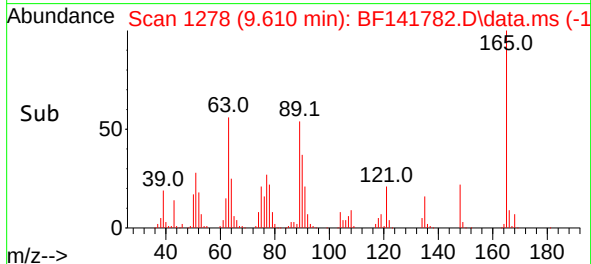
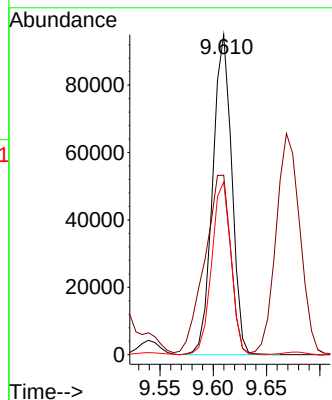
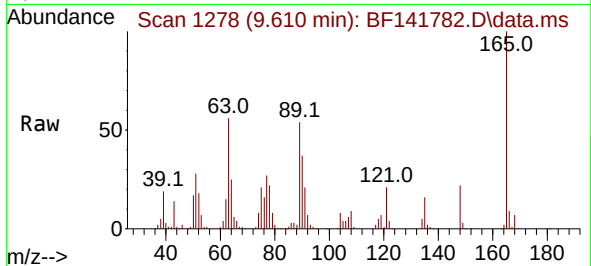




#51
2,6-Dinitrotoluene
Concen: 44.247 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

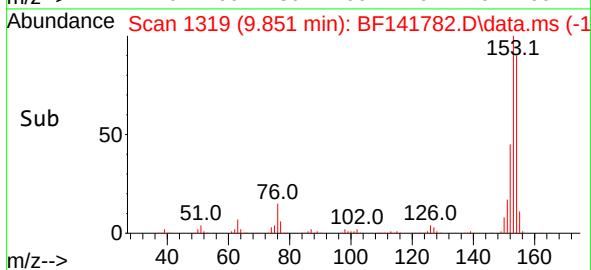
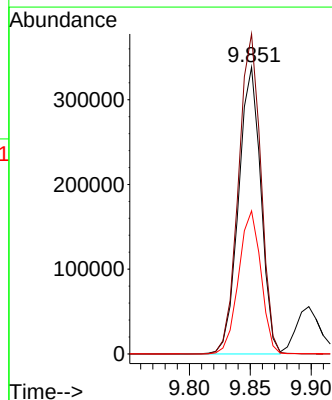
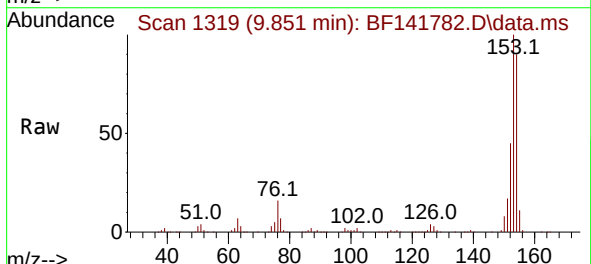
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

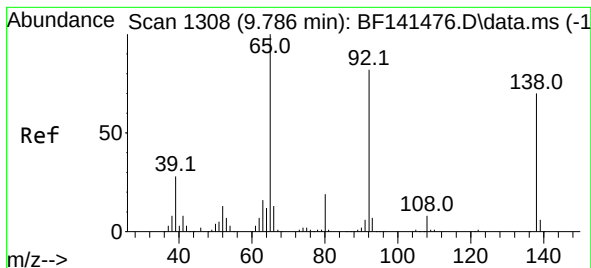
Tgt Ion:165 Resp: 117944
Ion Ratio Lower Upper
165 100
63 56.1 49.4 74.0
89 54.0 46.5 69.7



#52
Acenaphthene
Concen: 41.869 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:154 Resp: 431112
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 49.9 39.8 59.8





#53

3-Nitroaniline

Concen: 25.378 ng

RT: 9.780 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

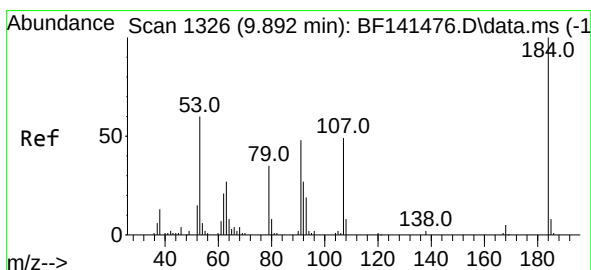
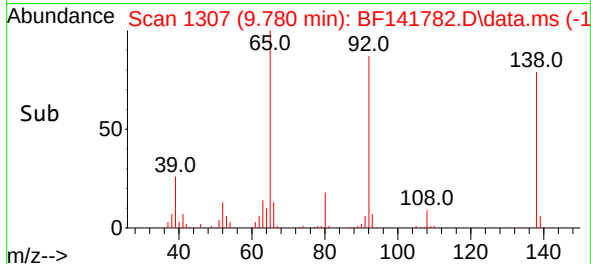
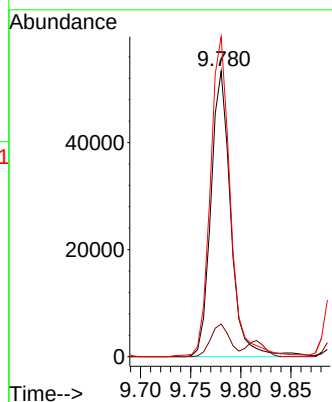
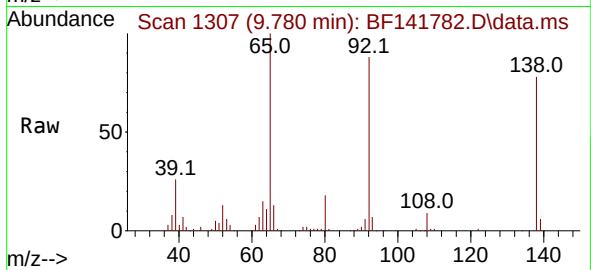
Tgt Ion:138 Resp: 72808

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.4

92 112.0 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 79.020 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

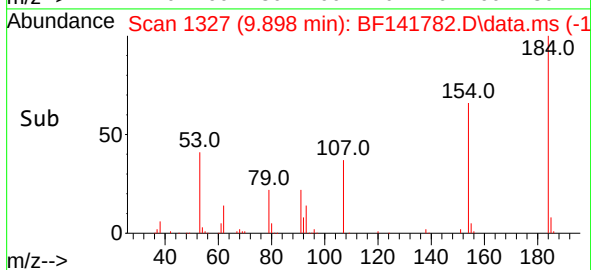
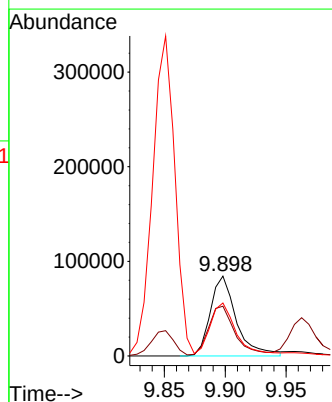
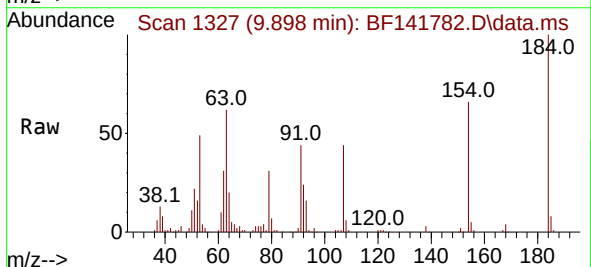
Tgt Ion:184 Resp: 125185

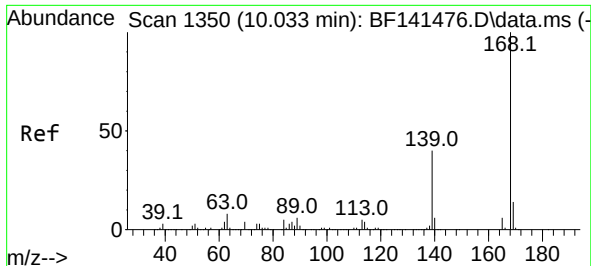
Ion Ratio Lower Upper

184 100

63 62.3 61.0 91.6

154 66.4 59.9 89.9

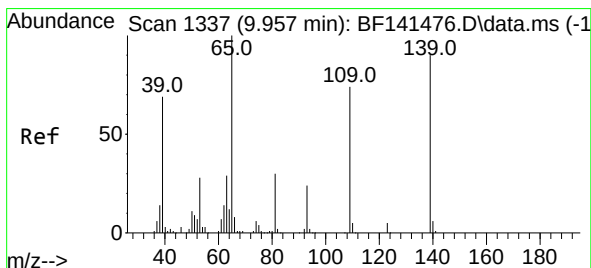
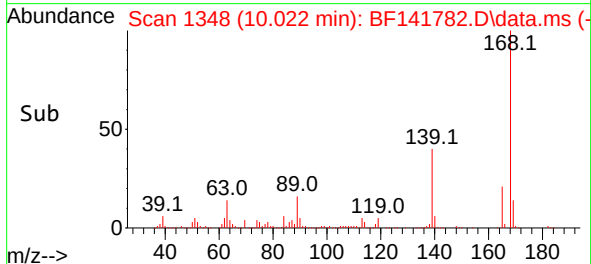
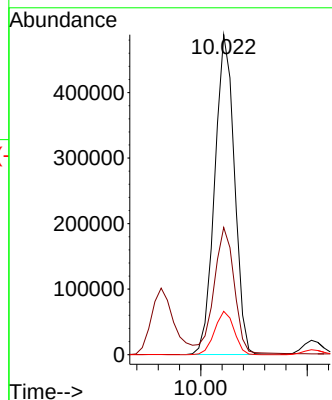
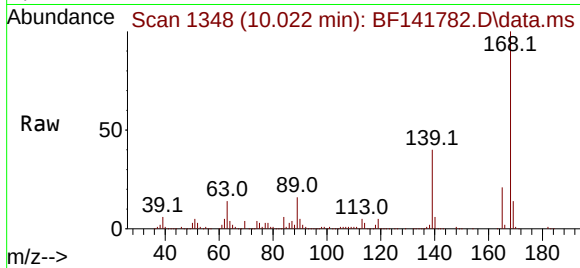




#55
Dibenzenofuran
Concen: 41.429 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

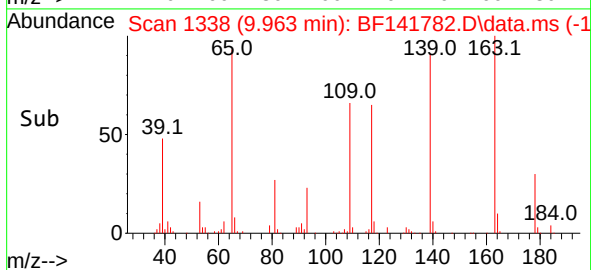
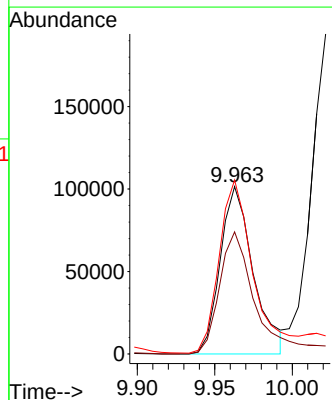
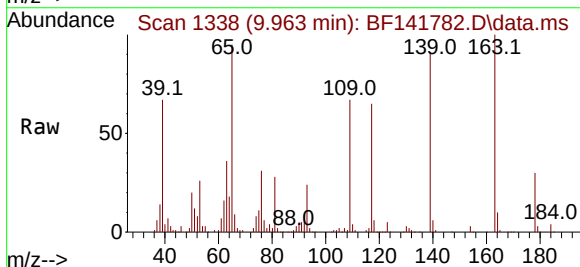
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

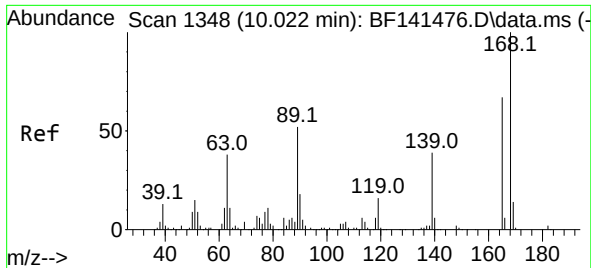
Tgt Ion:168 Resp: 626147
Ion Ratio Lower Upper
168 100
139 39.7 32.7 49.1
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 70.610 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:139 Resp: 150379
Ion Ratio Lower Upper
139 100
109 72.9 62.0 102.0
65 103.9 91.2 131.2

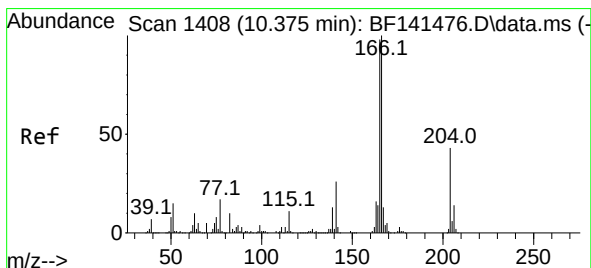
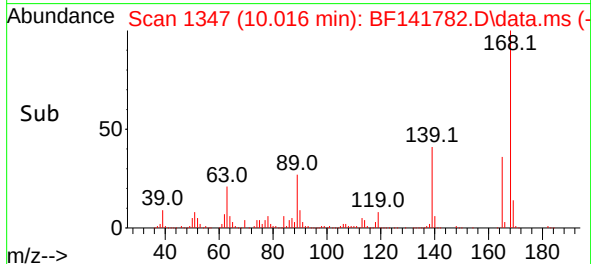
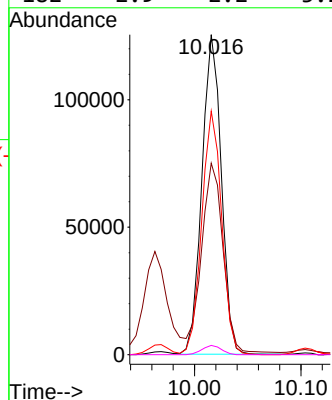
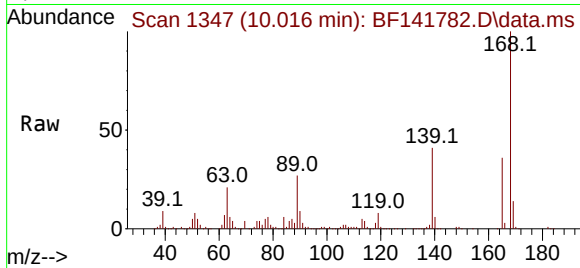




#57
2,4-Dinitrotoluene
Concen: 44.829 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

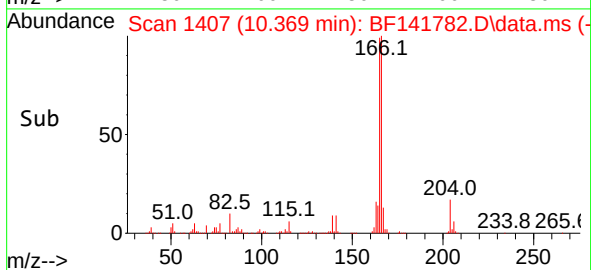
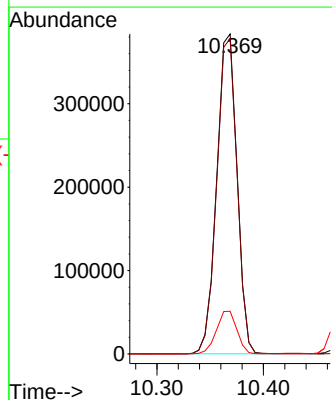
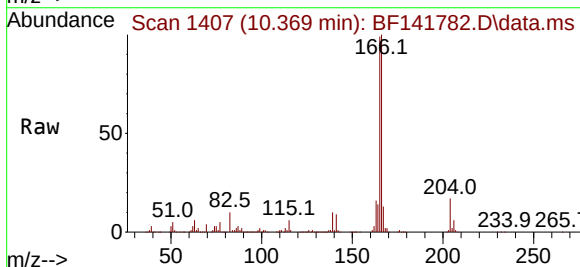
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

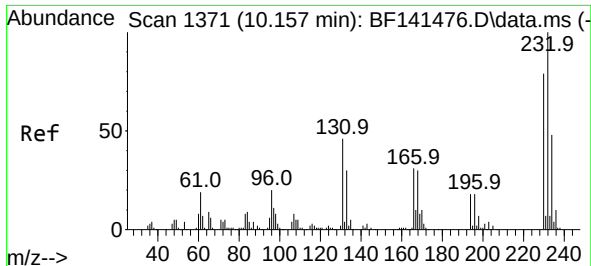
Tgt Ion:165 Resp: 159077
Ion Ratio Lower Upper
165 100
63 59.9 46.4 69.6
89 76.1 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.380 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:166 Resp: 506938
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.2
167 13.4 10.7 16.1

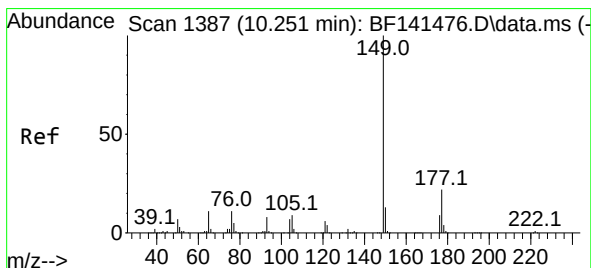
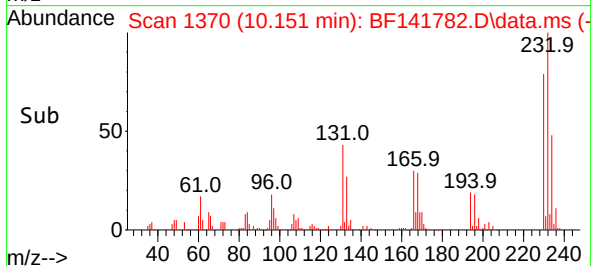
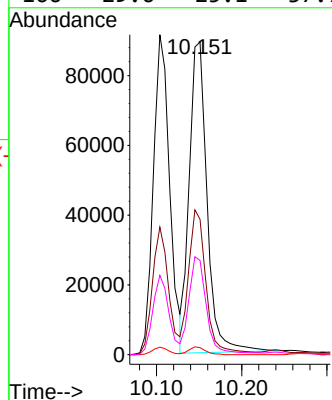
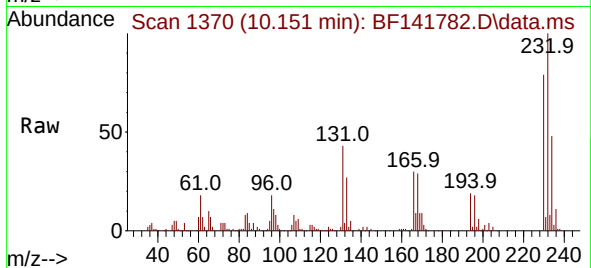




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.300 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

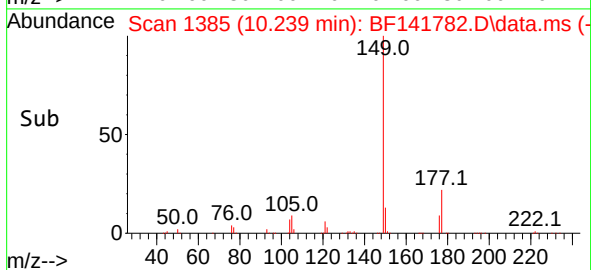
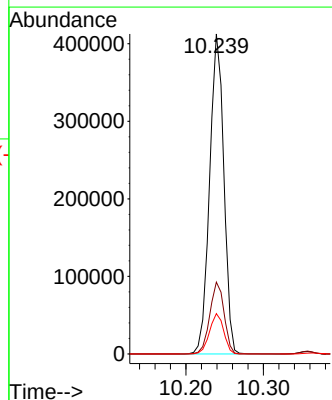
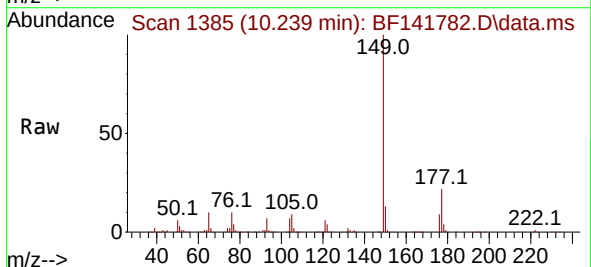
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

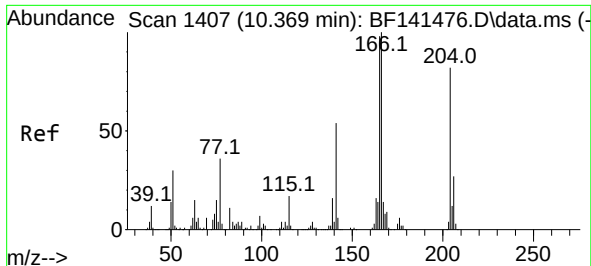
Tgt Ion:232 Resp: 129421
Ion Ratio Lower Upper
232 100
131 45.3 39.2 58.8
130 2.4 2.1 3.1
166 29.6 25.1 37.7



#60
Diethylphthalate
Concen: 43.813 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:149 Resp: 525621
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.6 10.1 15.1

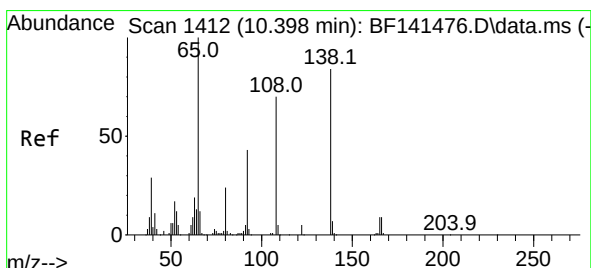
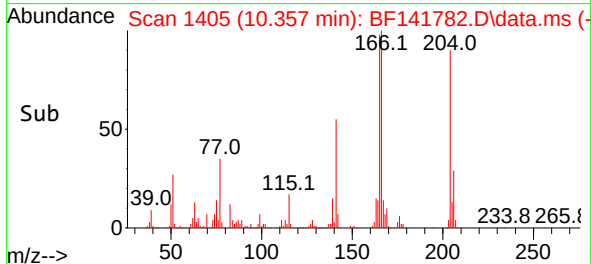
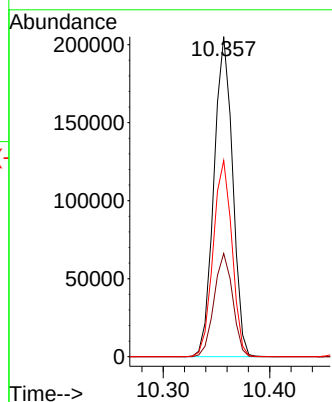
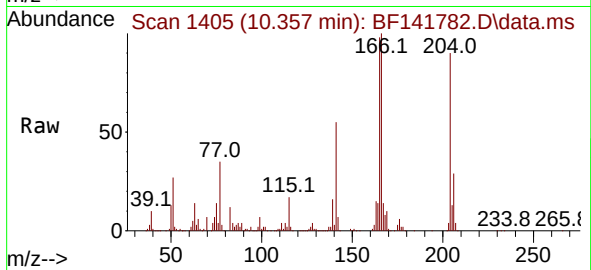




#61
4-Chlorophenyl-phenylether
Concen: 44.444 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

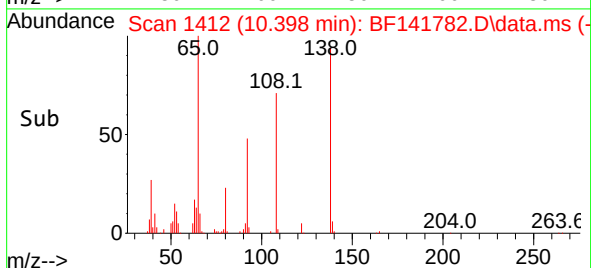
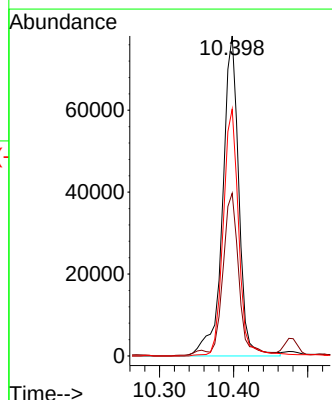
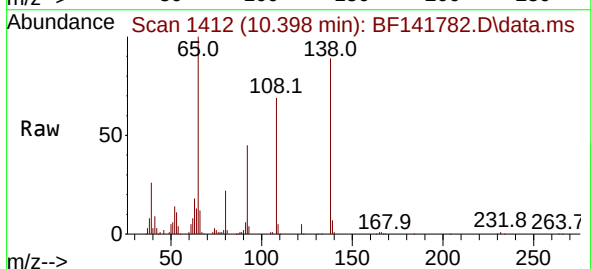
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

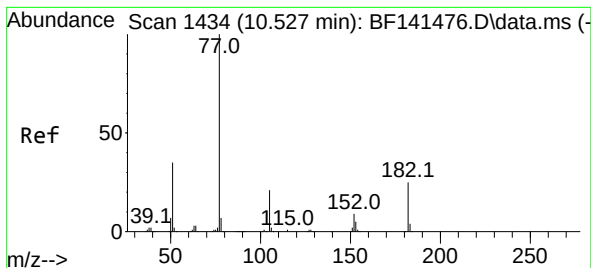
Tgt Ion:204 Resp: 249862
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 61.3 51.9 77.9



#62
4-Nitroaniline
Concen: 40.776 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:138 Resp: 118787
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 77.2 63.7 103.7





#63

Azobenzene

Concen: 41.169 ng

RT: 10.516 min Scan# 1432

Delta R.T. -0.018 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

Tgt Ion: 77 Resp: 491005

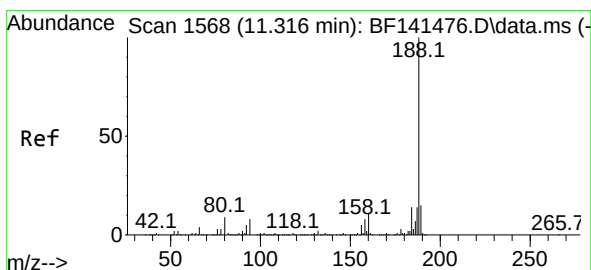
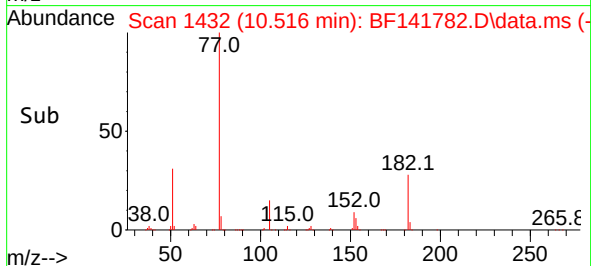
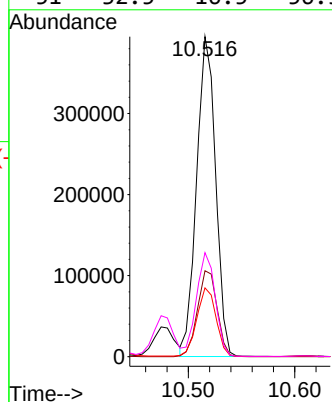
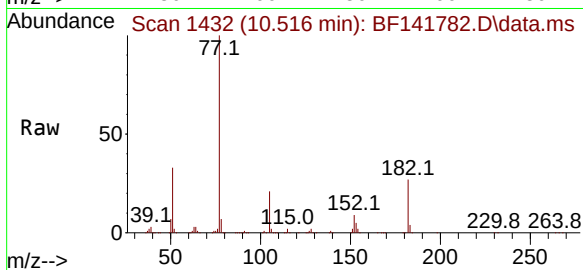
Ion Ratio Lower Upper

77 100

182 26.9 4.7 44.7

105 21.5 0.4 40.4

51 32.5 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1566

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

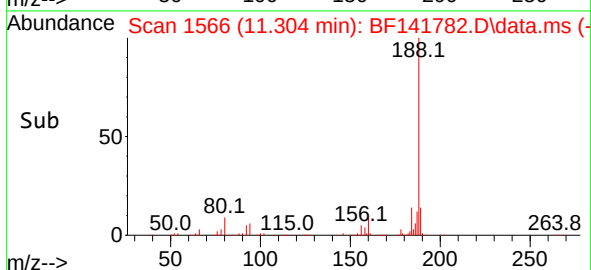
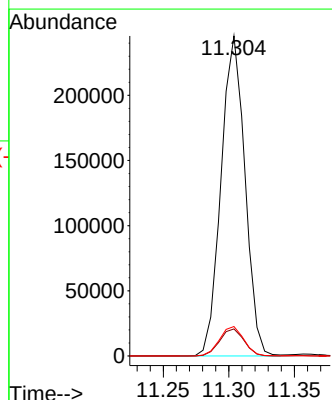
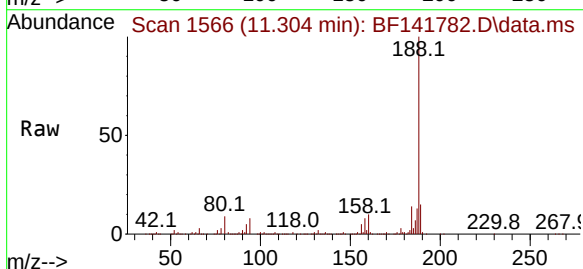
Tgt Ion: 188 Resp: 311091

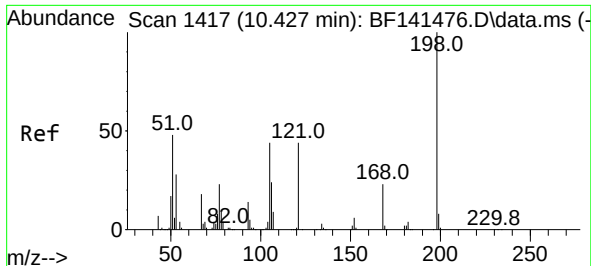
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.2 7.3 10.9

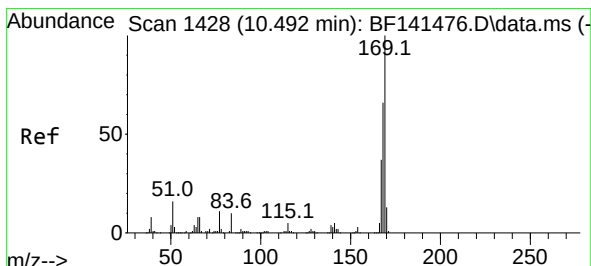
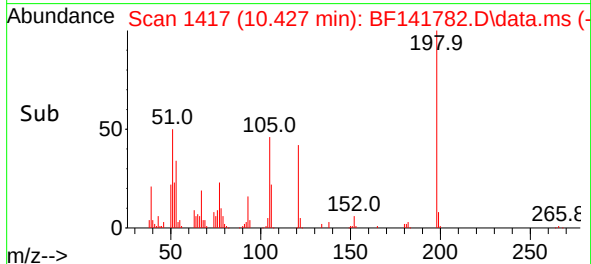
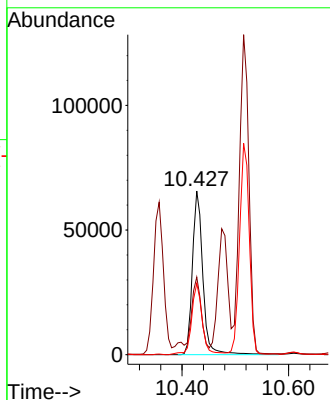
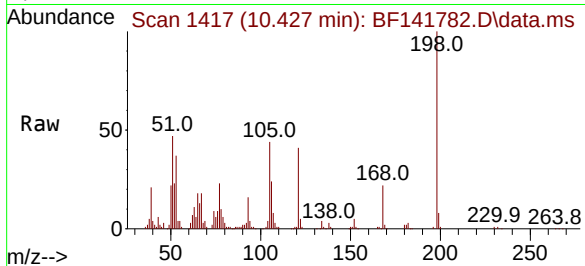




#65
4,6-Dinitro-2-methylphenol
Concen: 41.475 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

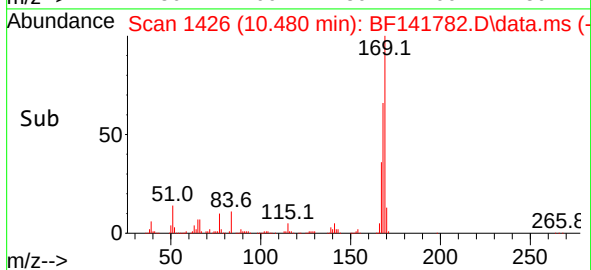
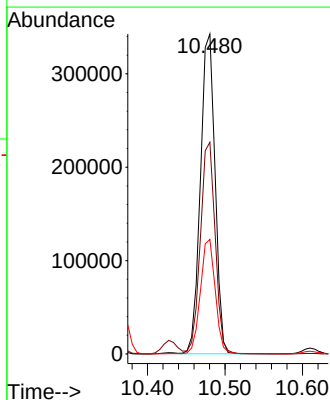
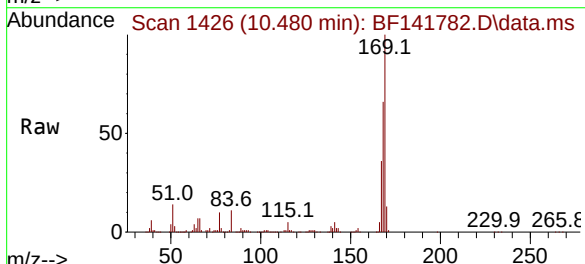
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

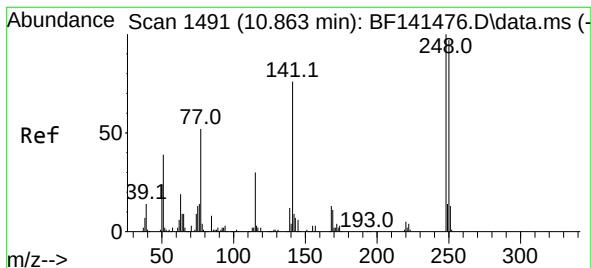
Tgt Ion:198 Resp: 89627
Ion Ratio Lower Upper
198 100
51 47.4 37.4 77.4
105 43.5 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 45.057 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:169 Resp: 448690
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 35.8 29.4 44.2

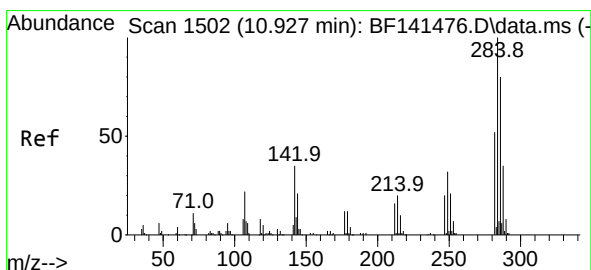
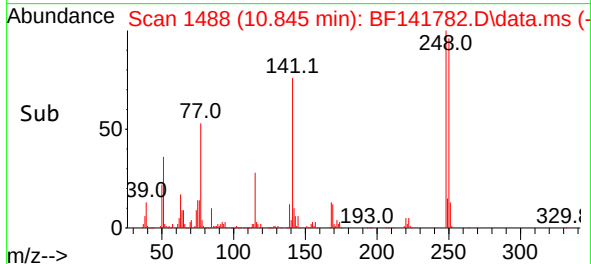
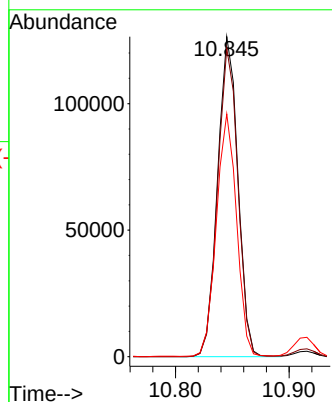
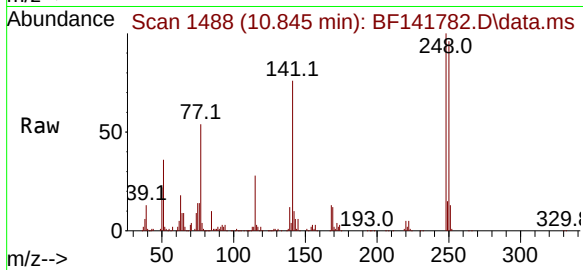




#67
4-Bromophenyl-phenylether
Concen: 45.359 ng
RT: 10.845 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

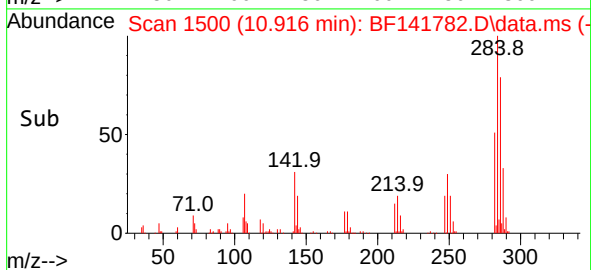
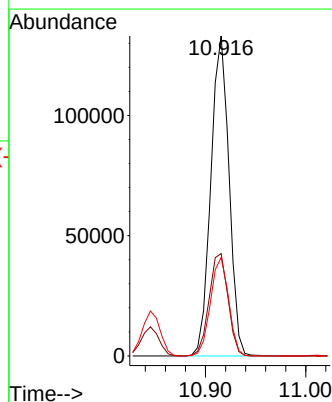
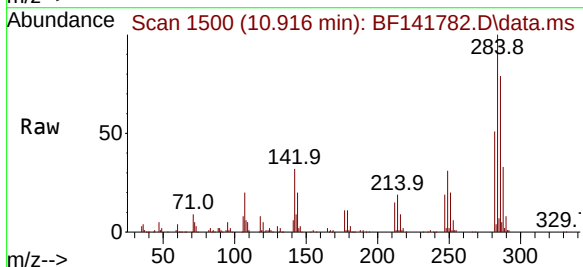
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

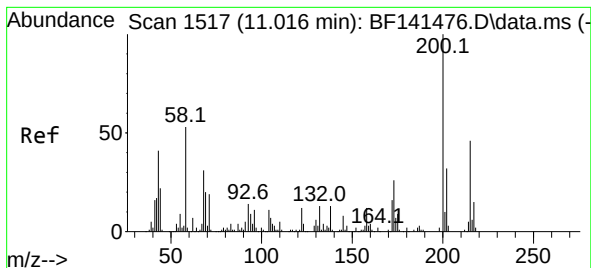
Tgt Ion:248 Resp: 157706
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 75.9 60.6 90.8



#68
Hexachlorobenzene
Concen: 46.682 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:284 Resp: 167133
Ion Ratio Lower Upper
284 100
142 32.0 28.0 42.0
249 30.7 25.8 38.8





#69

Atrazine

Concen: 58.720 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

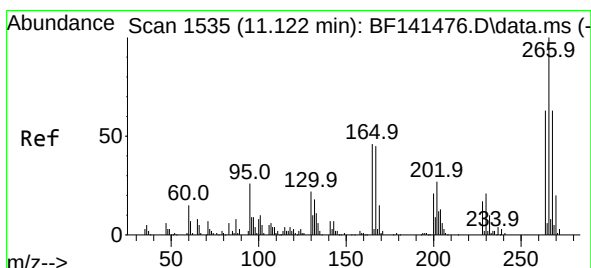
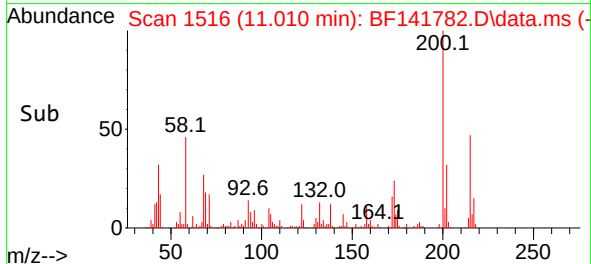
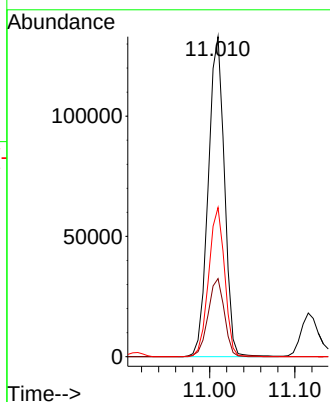
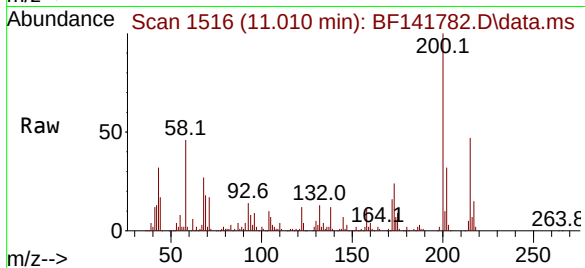
Tgt Ion:200 Resp: 175426

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

215 46.6 25.9 65.9



#70

Pentachlorophenol

Concen: 70.319 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

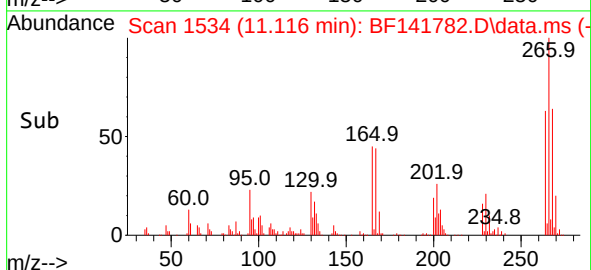
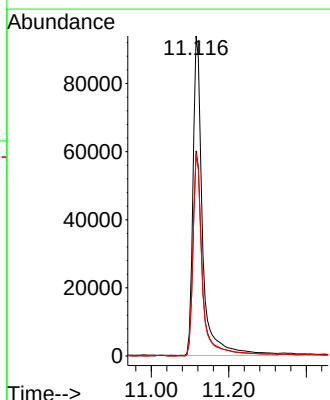
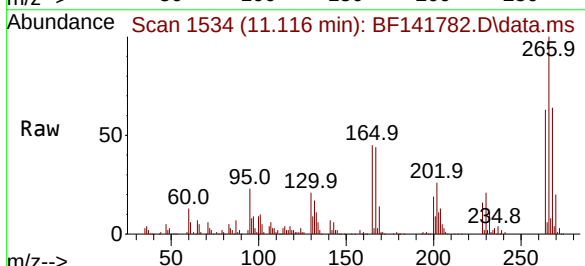
Tgt Ion:266 Resp: 160978

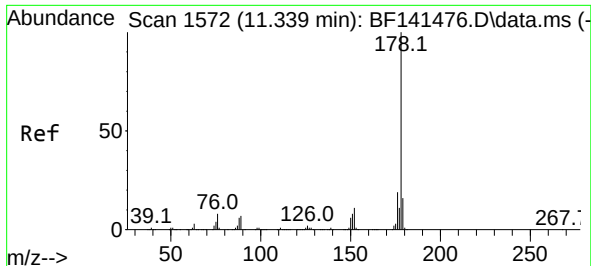
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

264 63.1 50.1 75.1

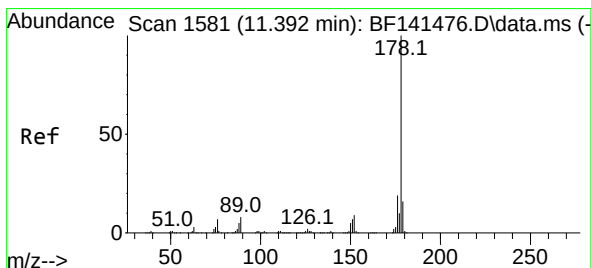
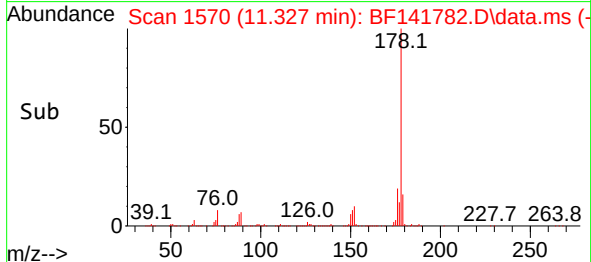
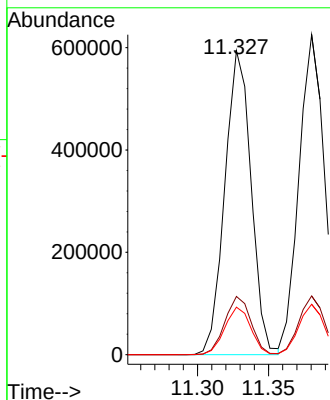
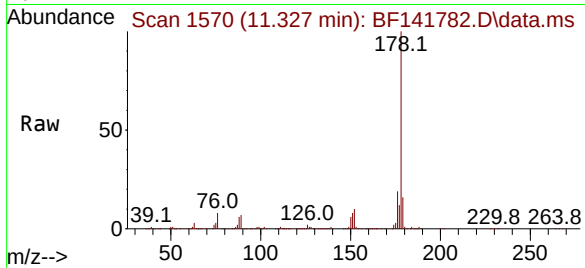




#71
Phenanthrene
Concen: 44.668 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

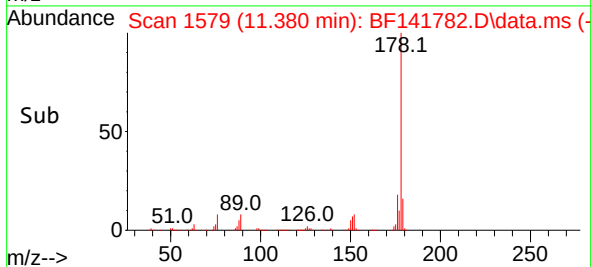
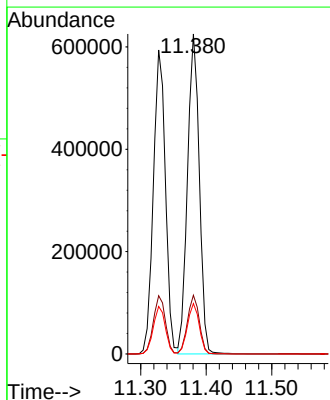
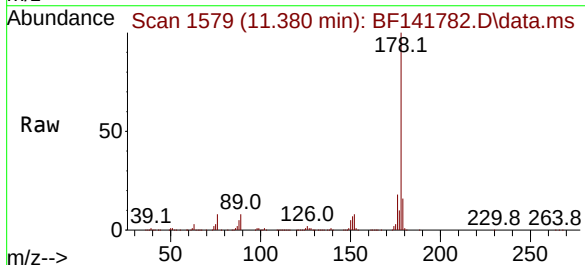
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

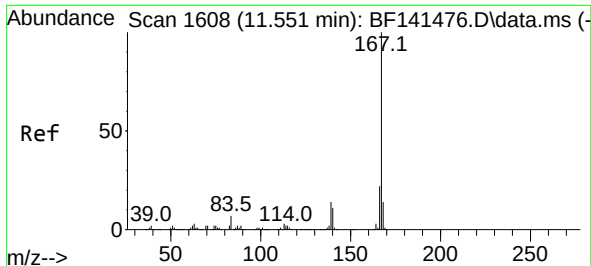
Tgt Ion:178 Resp: 764907
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 45.331 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:178 Resp: 780326
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.8 12.4 18.6

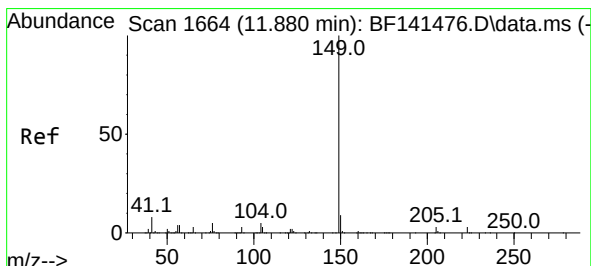
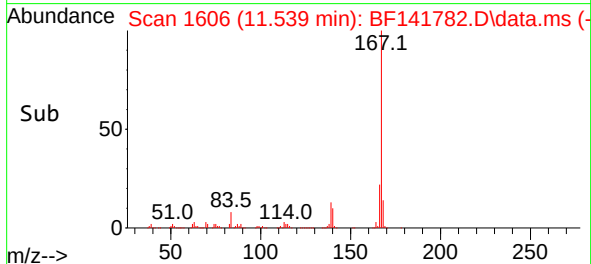
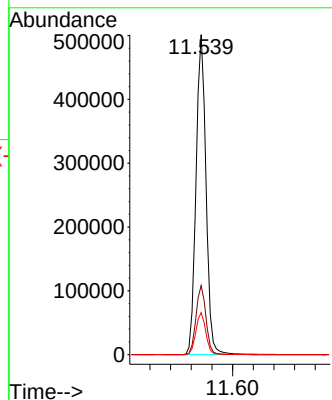
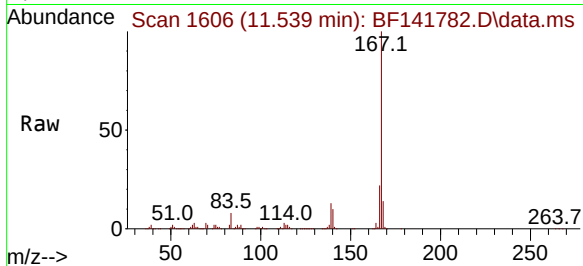




#73
Carbazole
Concen: 43.299 ng
RT: 11.539 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

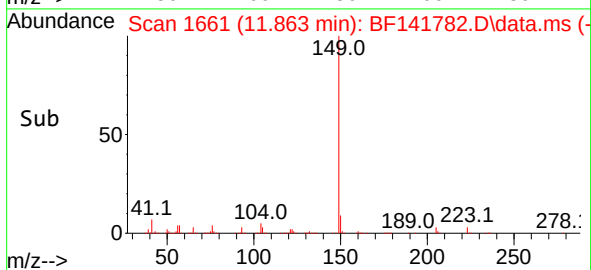
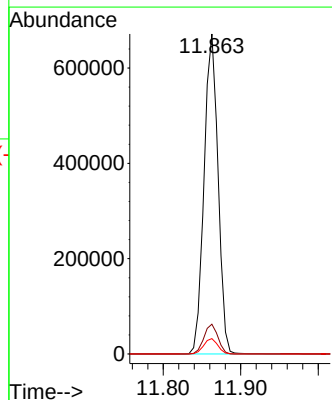
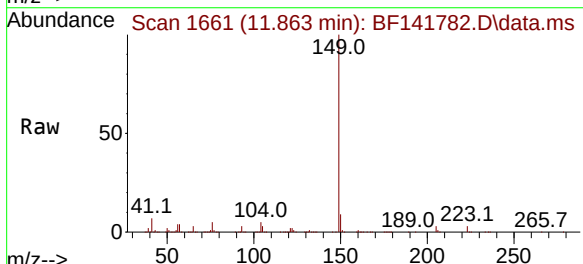
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

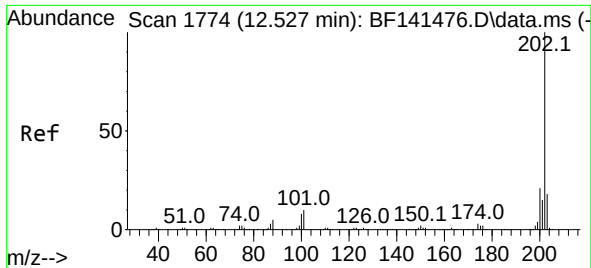
Tgt Ion:167 Resp: 670650
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.1 10.9 16.3



#74
Di-n-butylphthalate
Concen: 46.995 ng
RT: 11.863 min Scan# 1661
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:149 Resp: 840484
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.8 4.2 6.2

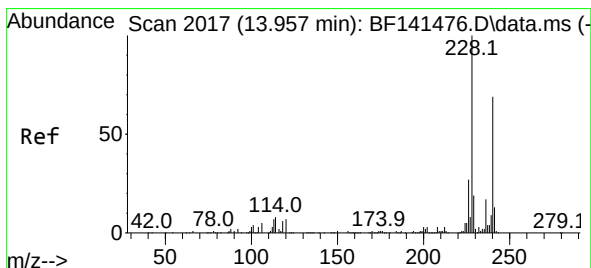
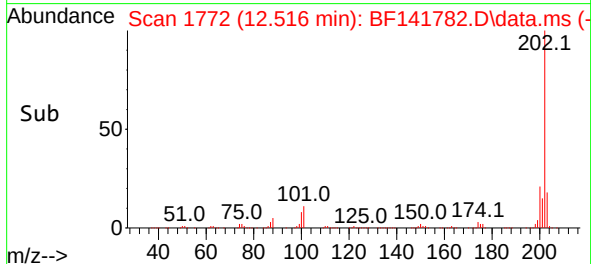
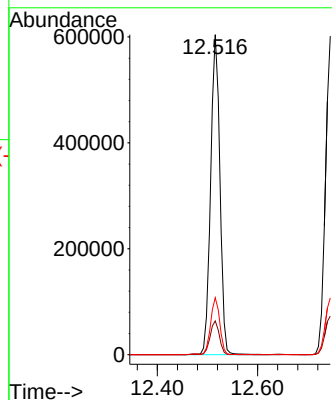
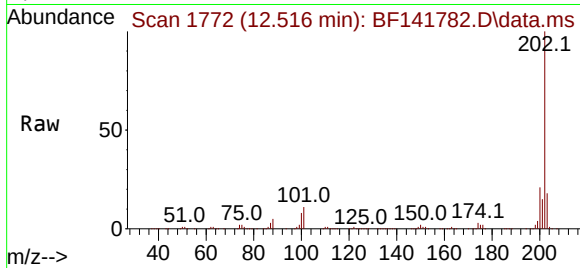




#75
Fluoranthene
Concen: 42.765 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

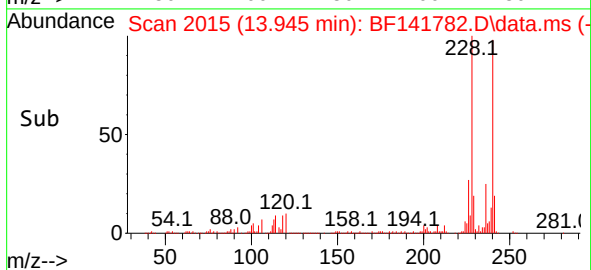
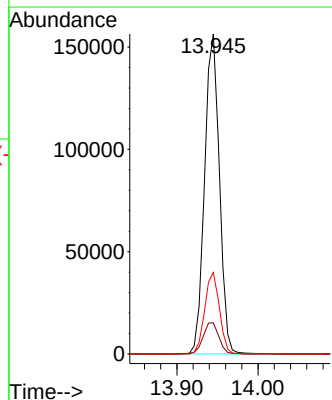
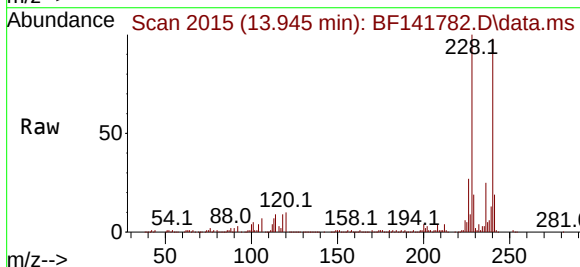
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

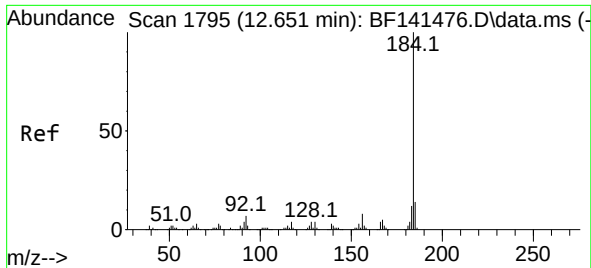
Tgt Ion:202 Resp: 776404
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:240 Resp: 197944
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.5 19.8 29.8

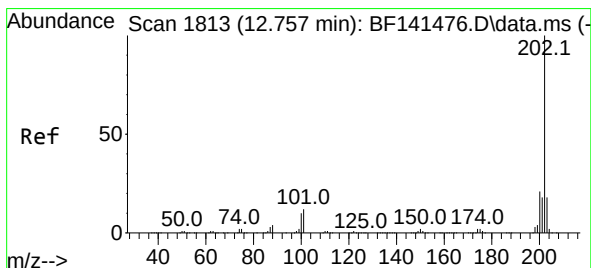
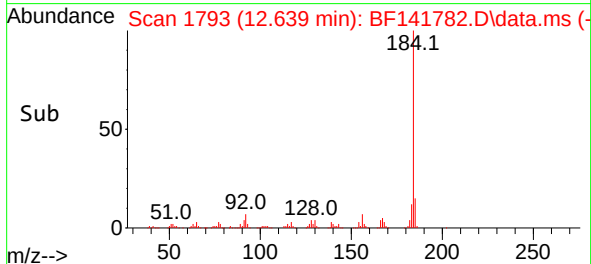
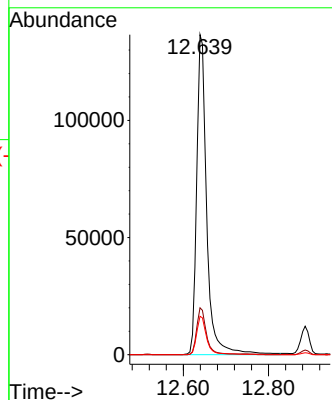
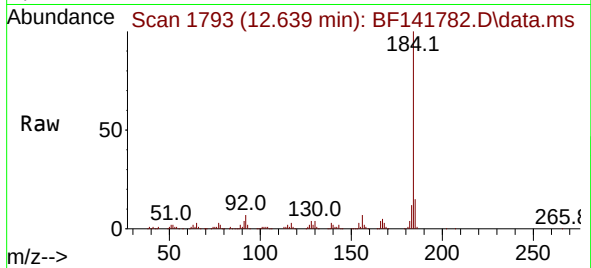




#77
Benzidine
Concen: 51.285 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

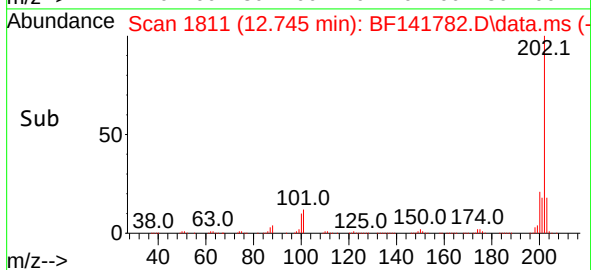
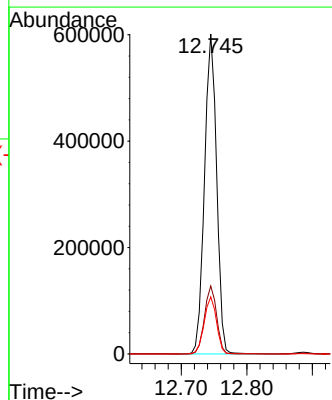
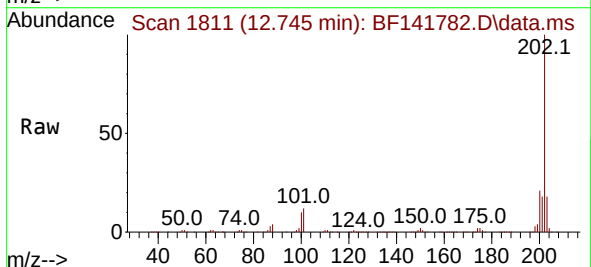
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

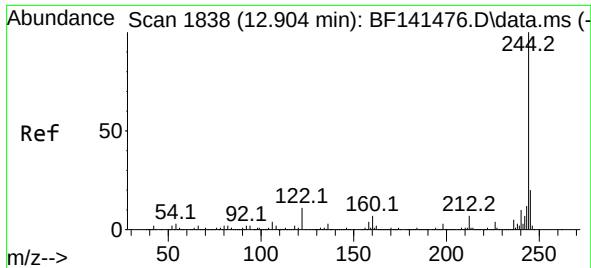
Tgt Ion:184 Resp: 223888
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 46.095 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

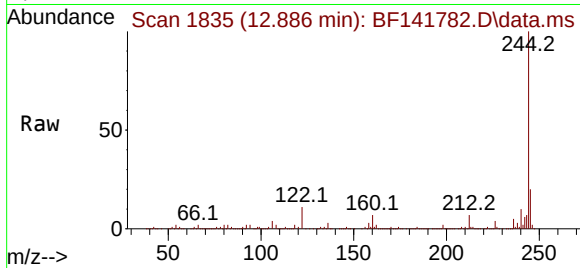
Tgt Ion:202 Resp: 776713
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.8 14.3 21.5



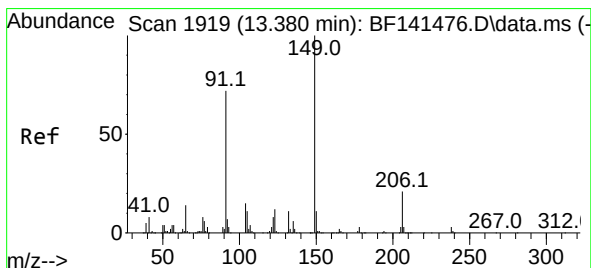
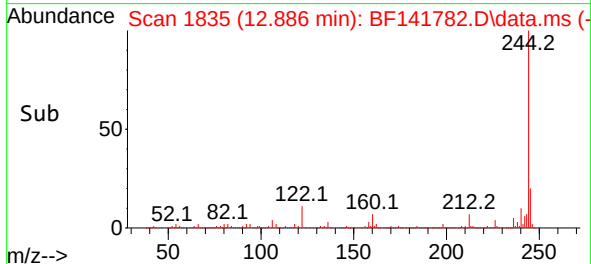
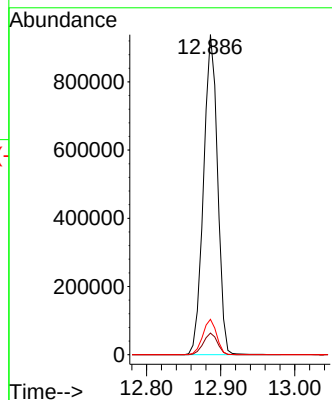


#79
 Terphenyl-d14
 Concen: 105.602 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141782.D
 Acq: 26 Feb 2025 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB166875BSD

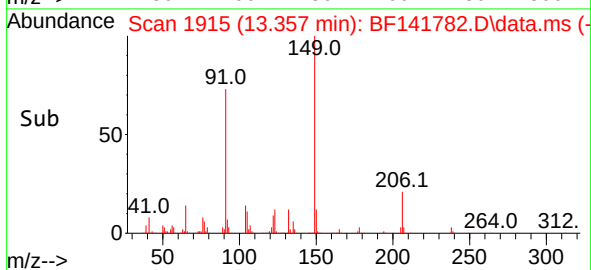
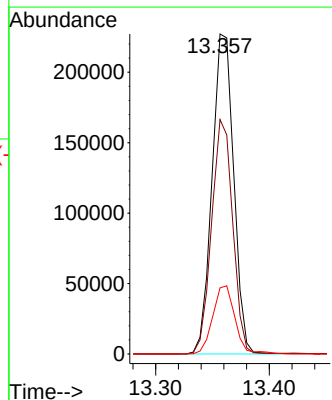
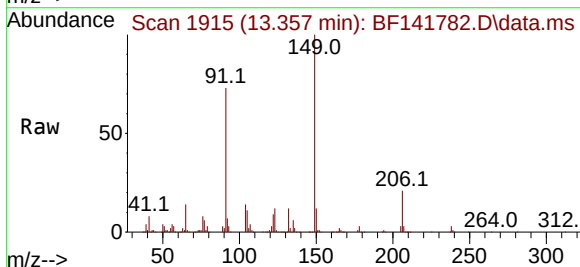


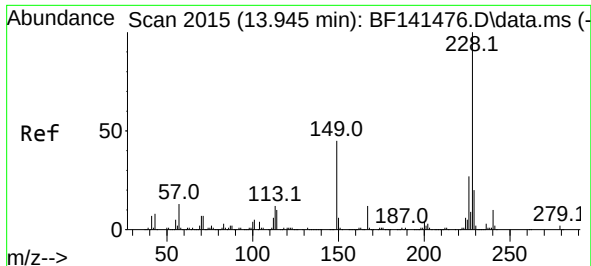
Tgt Ion:244 Resp: 1238225
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.0 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 51.531 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.024 min
 Lab File: BF141782.D
 Acq: 26 Feb 2025 14:54

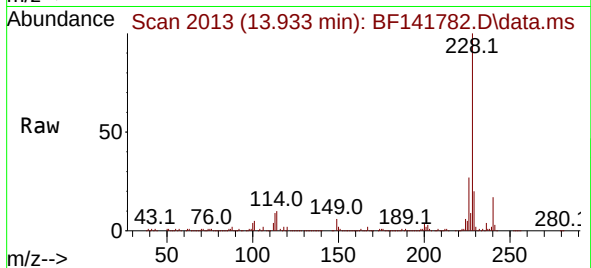
Tgt Ion:149 Resp: 300758
 Ion Ratio Lower Upper
 149 100
 91 73.3 57.8 86.8
 206 20.7 16.7 25.1



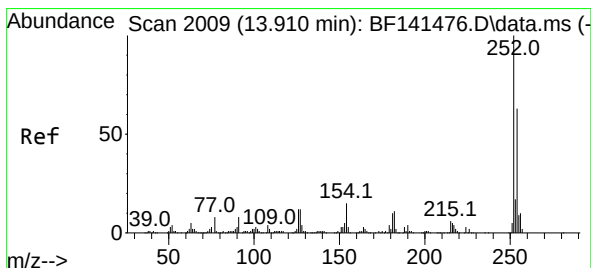
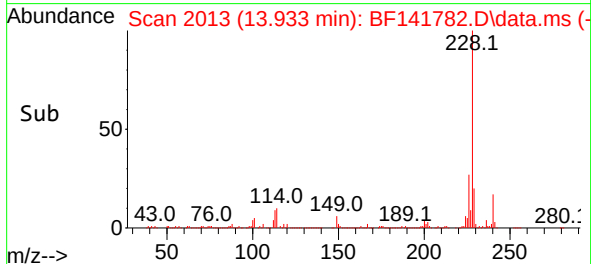
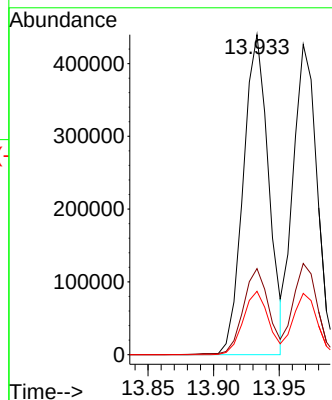


#81
Benzo(a)anthracene
Concen: 45.073 ng
RT: 13.933 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB166875BSD

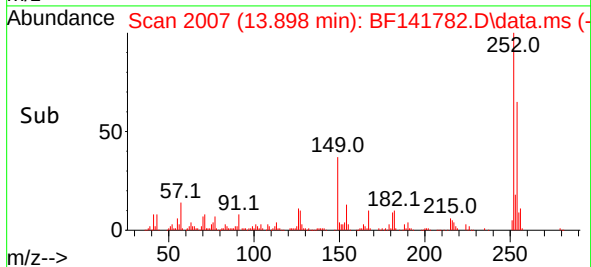
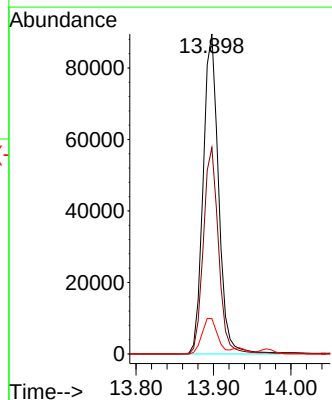
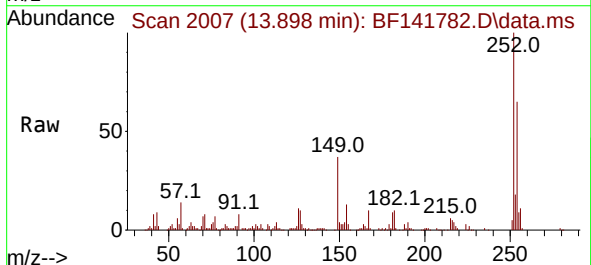


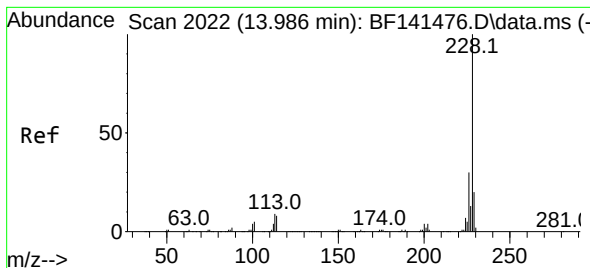
Tgt Ion:228 Resp: 593077
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.776 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:252 Resp: 123538
Ion Ratio Lower Upper
252 100
254 64.5 50.6 76.0
126 11.0 9.3 13.9





#83

Chrysene

Concen: 44.411 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

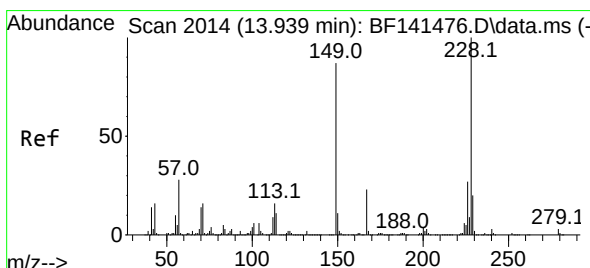
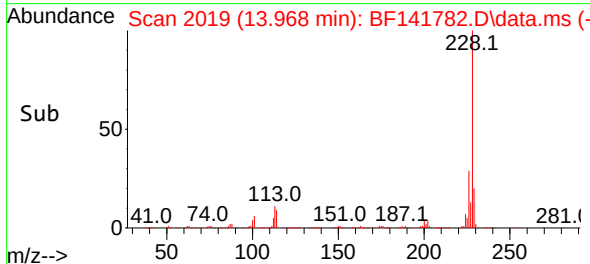
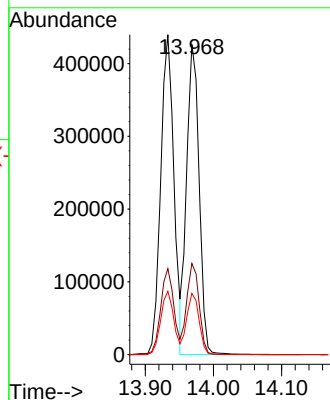
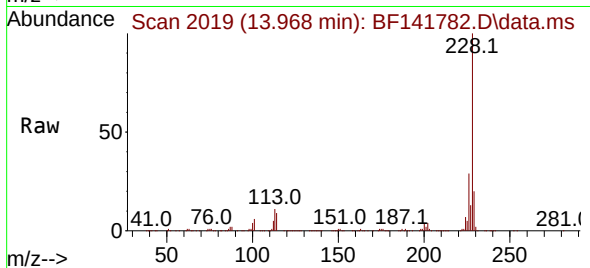
Tgt Ion:228 Resp: 539566

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.750 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.024 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

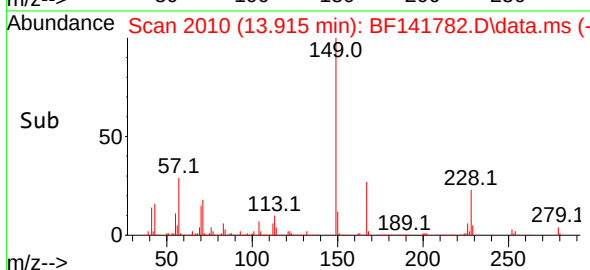
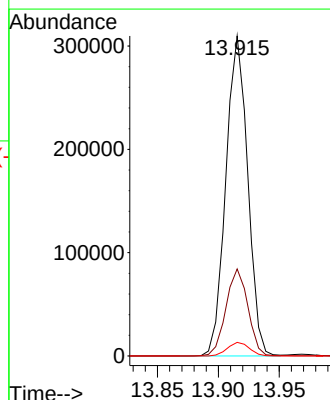
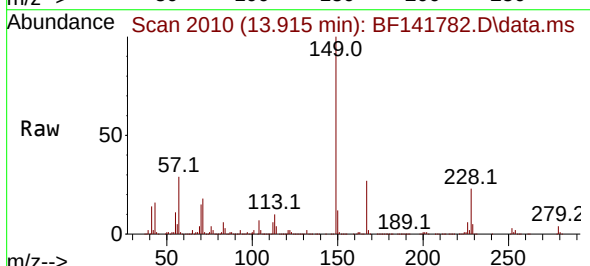
Tgt Ion:149 Resp: 386733

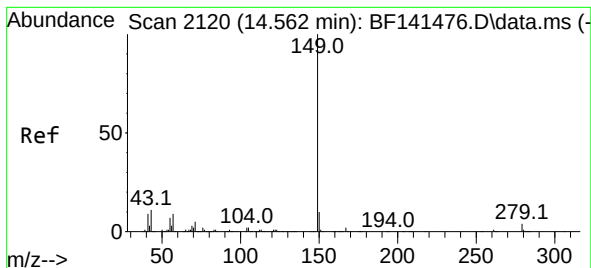
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 59.569 ng

RT: 14.527 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

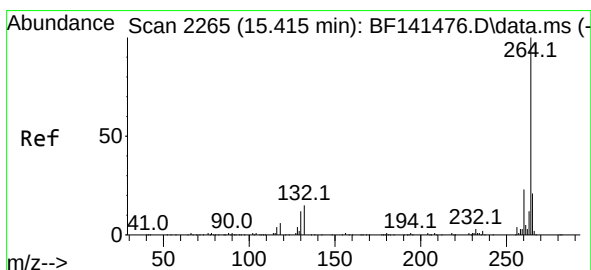
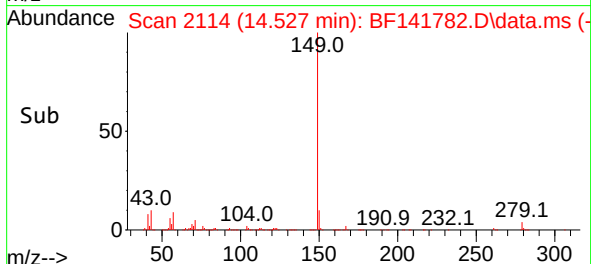
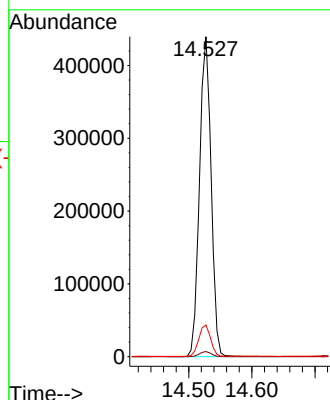
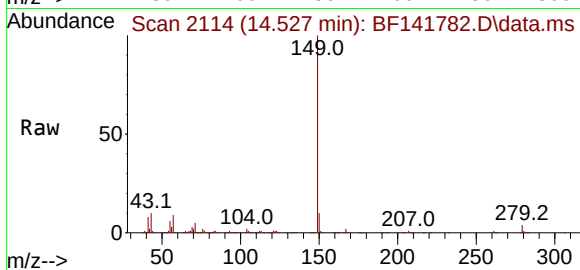
Tgt Ion:149 Resp: 559396

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.029 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

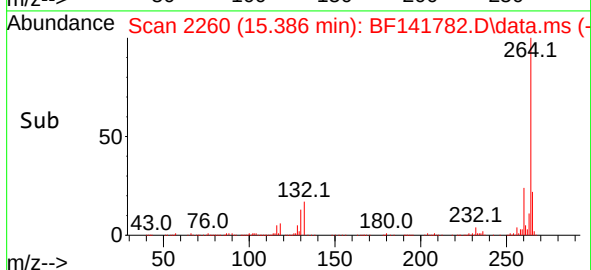
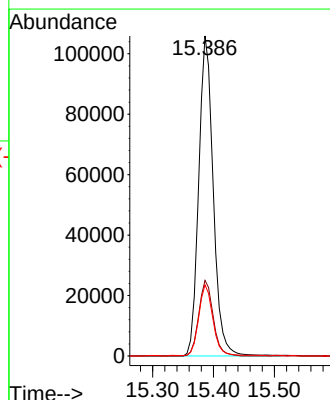
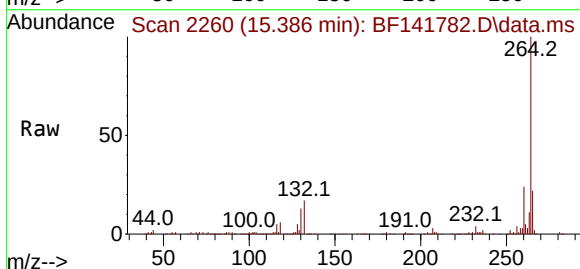
Tgt Ion:264 Resp: 175575

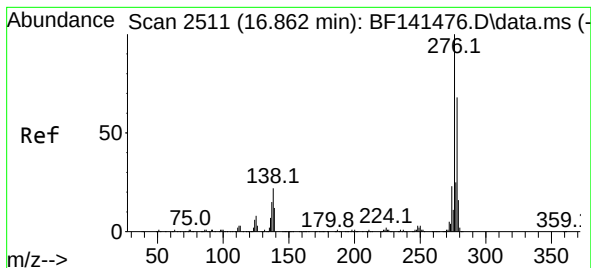
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.050 ng

RT: 16.833 min Scan# 2189

Delta R.T. -0.041 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB166875BSD

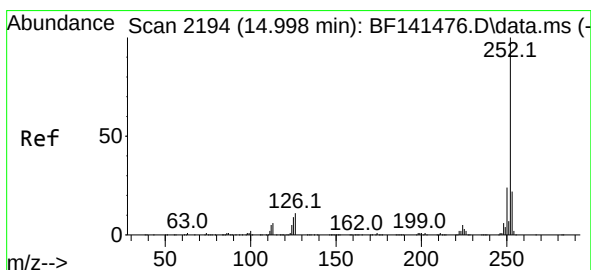
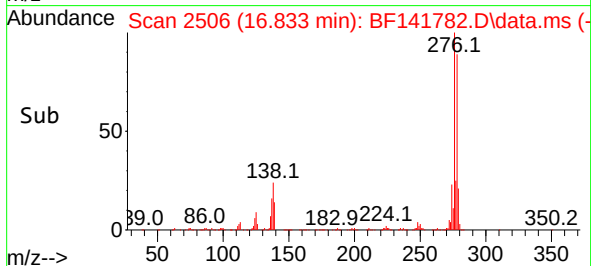
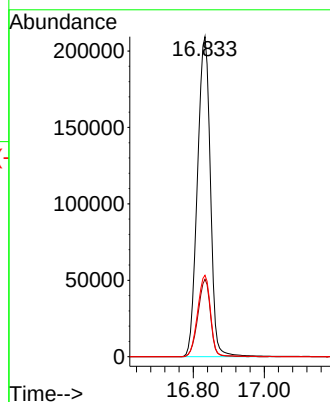
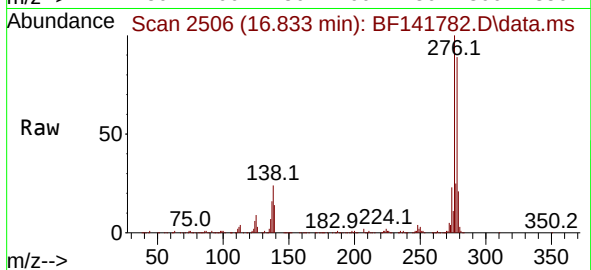
Tgt Ion:276 Resp: 532126

Ion Ratio Lower Upper

276 100

138 23.3 18.0 27.0

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.938 ng

RT: 14.968 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF141782.D

Acq: 26 Feb 2025 14:54

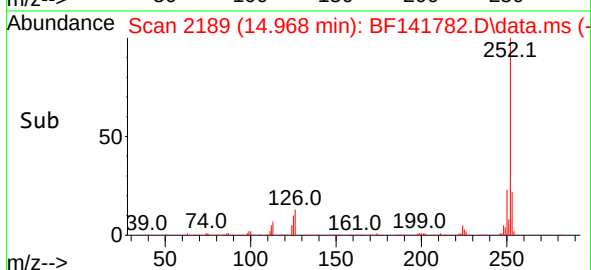
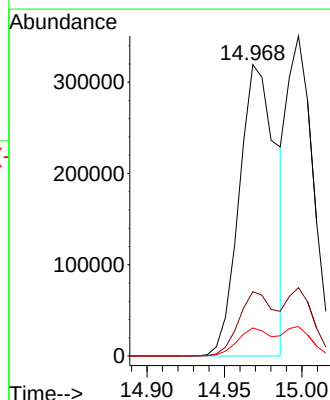
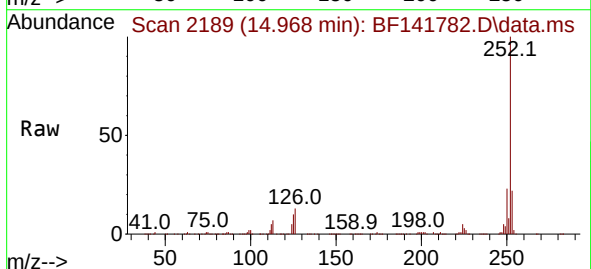
Tgt Ion:252 Resp: 529780

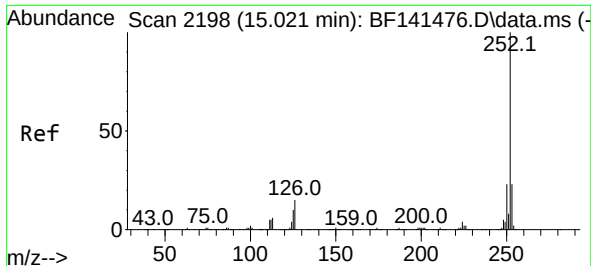
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.6 7.0 10.6

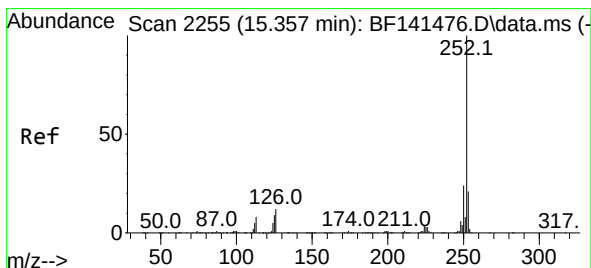
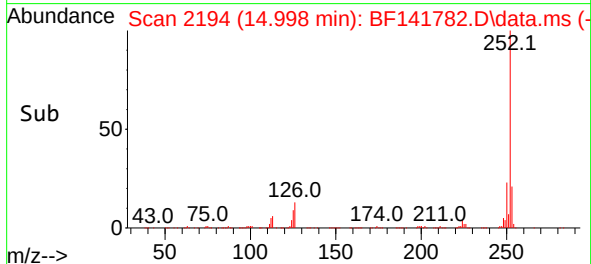
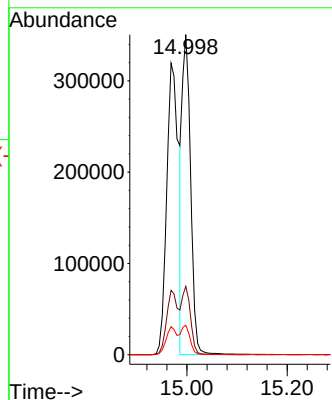
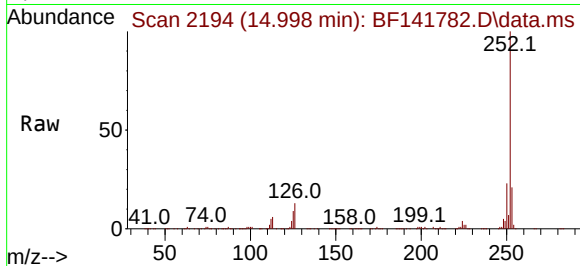




#89
Benzo(k)fluoranthene
Concen: 40.813 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

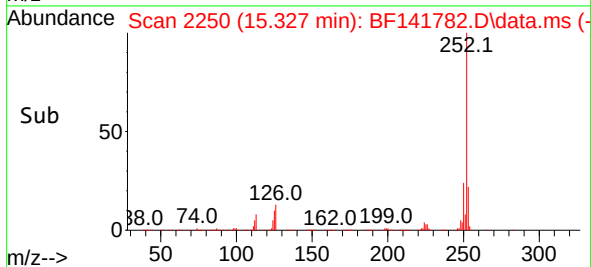
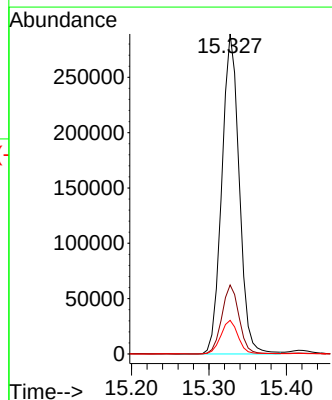
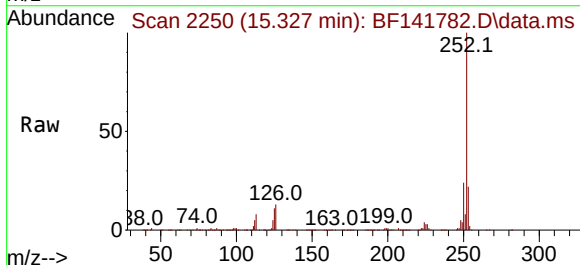
Instrument :
BNA_F
ClientSampleId :
PB166875BSD

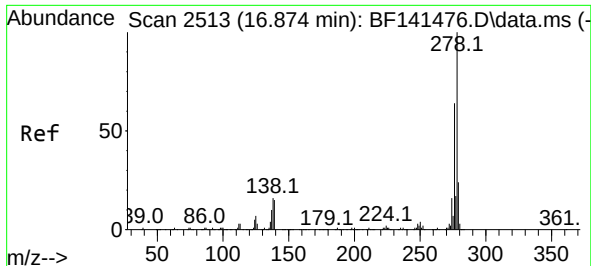
Tgt Ion:252 Resp: 410854
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 9.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.308 ng
RT: 15.327 min Scan# 2250
Delta R.T. -0.035 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:252 Resp: 451285
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.5 7.4 11.2

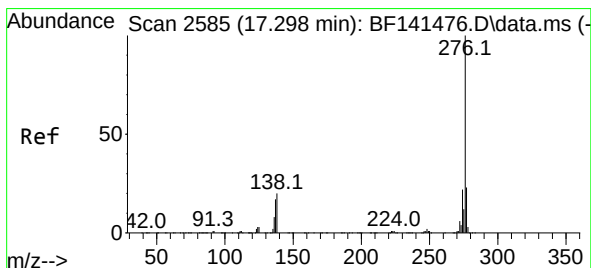
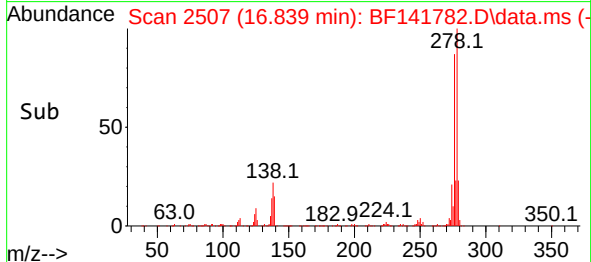
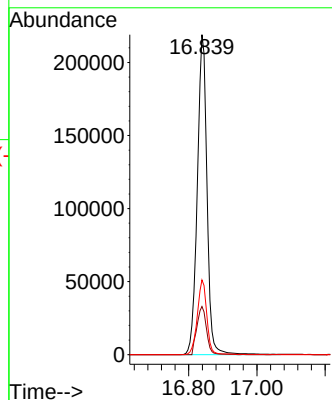
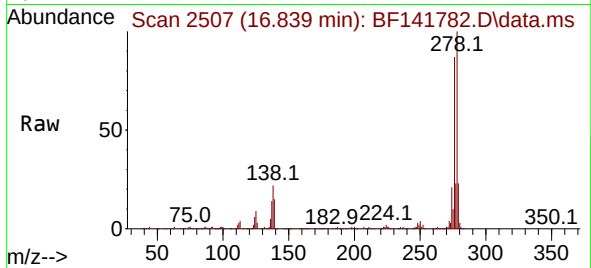




#91
Dibenzo(a,h)anthracene
Concen: 49.309 ng
RT: 16.839 min Scan# 2507
Delta R.T. -0.053 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB166875BSD

Tgt Ion:278 Resp: 433447
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.6
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.240 ng
RT: 17.262 min Scan# 2579
Delta R.T. -0.053 min
Lab File: BF141782.D
Acq: 26 Feb 2025 14:54

Tgt Ion:276 Resp: 406962
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 19.6 15.9 23.9

