

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
 Data File : BF141228.D
 Acq On : 21 Jan 2025 11:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 21 12:53:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	174201	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	651170	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	329142	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	519210	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	364333	20.000	ng	-0.01
86) Perylene-d12	15.433	264	416863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	858450	76.127	ng	-0.01
7) Phenol-d6	6.434	99	1072379	75.075	ng	-0.01
23) Nitrobenzene-d5	7.369	82	961566	78.276	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	302290	80.603	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1731592	80.337	ng	-0.02
79) Terphenyl-d14	12.916	244	1682751	68.648	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	186634	37.166	ng	99
3) Pyridine	3.240	79	447092	36.307	ng	96
4) n-Nitrosodimethylamine	3.193	42	222594	36.969	ng	96
6) Aniline	6.469	93	428291	33.772	ng	95
8) 2-Chlorophenol	6.592	128	463271	38.292	ng	97
9) Benzaldehyde	6.351	77	350168	41.623	ng	99
10) Phenol	6.451	94	566067	37.020	ng	94
11) bis(2-Chloroethyl)ether	6.545	93	438516	38.482	ng	96
12) 1,3-Dichlorobenzene	6.745	146	523702	38.811	ng	99
13) 1,4-Dichlorobenzene	6.822	146	523883	38.528	ng	100
14) 1,2-Dichlorobenzene	6.975	146	491308	38.735	ng	98
15) Benzyl Alcohol	6.945	79	390437	37.849	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	568957	35.780	ng	96
17) 2-Methylphenol	7.057	107	370033	37.884	ng	100
18) Hexachloroethane	7.316	117	193391	39.329	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	302494	35.950	ng	97
20) 3+4-Methylphenols	7.210	107	457216	37.103	ng	# 86
22) Acetophenone	7.216	105	602925	38.949	ng	97
24) Nitrobenzene	7.387	77	495347	38.691	ng	99
25) Isophorone	7.628	82	803651	38.281	ng	99
26) 2-Nitrophenol	7.704	139	239296	41.089	ng	99
27) 2,4-Dimethylphenol	7.739	122	307263	39.115	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	511515	38.825	ng	100
29) 2,4-Dichlorophenol	7.945	162	373566	40.041	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	432551	40.561	ng	100
31) Naphthalene	8.110	128	1350755	39.335	ng	100
32) Benzoic acid	7.851	122	289471	38.414	ng	96
33) 4-Chloroaniline	8.157	127	413601	34.827	ng	100
34) Hexachlorobutadiene	8.228	225	266188	41.425	ng	99
35) Caprolactam	8.528	113	111065	36.361	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	388731	38.098	ng	100
37) 2-Methylnaphthalene	8.798	142	854039	39.028	ng	100
38) 1-Methylnaphthalene	8.898	142	835025	38.719	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	392931	41.593	ng	100
41) Hexachlorocyclopentadiene	8.951	237	142346	46.056	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	262115	41.139	ng	99

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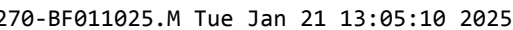
Instrument :
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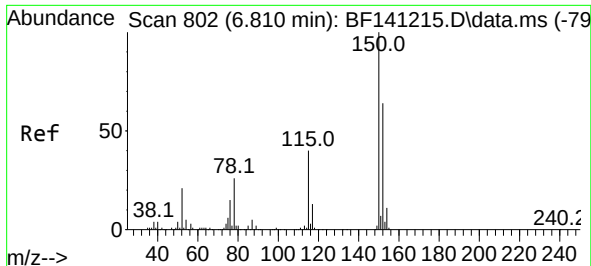
Quant Time: Jan 21 12:53:48 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	269052	39.984	ng	99
46) 1,1'-Biphenyl	9.263	154	1026573	40.161	ng	100
47) 2-Chloronaphthalene	9.292	162	801986	40.283	ng	99
48) 2-Nitroaniline	9.386	65	226635	38.402	ng	98
49) Acenaphthylene	9.704	152	1114711	39.190	ng	99
50) Dimethylphthalate	9.569	163	856372	38.756	ng	100
51) 2,6-Dinitrotoluene	9.628	165	201117	39.139	ng	99
52) Acenaphthene	9.880	154	779350	39.218	ng	99
53) 3-Nitroaniline	9.792	138	192859	36.934	ng	97
54) 2,4-Dinitrophenol	9.898	184	96050	39.326	ng	91
55) Dibenzofuran	10.051	168	1060456	39.232	ng	100
56) 4-Nitrophenol	9.951	139	153080	37.432	ng	98
57) 2,4-Dinitrotoluene	10.028	165	262633	39.660	ng	100
58) Fluorene	10.392	166	817695	38.938	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	218123	38.998	ng	99
60) Diethylphthalate	10.269	149	835017	38.709	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	407293	39.794	ng	99
62) 4-Nitroaniline	10.404	138	191629	37.495	ng	99
63) Azobenzene	10.545	77	801762	37.667	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	134997	44.869	ng	95
66) n-Nitrosodiphenylamine	10.504	169	697534	41.652	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	258718	43.281	ng	99
68) Hexachlorobenzene	10.939	284	282913	42.516	ng	99
69) Atrazine	11.027	200	197858	43.879	ng	99
70) Pentachlorophenol	11.133	266	180696	42.403	ng	99
71) Phenanthrene	11.357	178	1132981	40.645	ng	99
72) Anthracene	11.404	178	1106323	40.818	ng	100
73) Carbazole	11.563	167	993891	39.992	ng	99
74) Di-n-butylphthalate	11.898	149	1187730	41.760	ng	100
75) Fluoranthene	12.545	202	1128453	40.568	ng	99
77) Benzidine	12.663	184	184755	27.345	ng	99
78) Pyrene	12.774	202	1136254	32.652	ng	100
80) Butylbenzylphthalate	13.398	149	460856	39.722	ng	96
81) Benzo(a)anthracene	13.963	228	937659	37.817	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	312028	39.521	ng	99
83) Chrysene	13.998	228	884867	38.140	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	639762	45.957	ng	100
85) Di-n-octyl phthalate	14.580	149	1137277	54.101	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1169112	38.281	ng	98
88) Benzo(b)fluoranthene	15.010	252	1084768	40.355	ng	100
89) Benzo(k)fluoranthene	15.039	252	854268	37.606	ng	100
90) Benzo(a)pyrene	15.374	252	876407	39.517	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	956840	38.736	ng	98
92) Benzo(g,h,i)perylene	17.321	276	985800	38.368	ng	99

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

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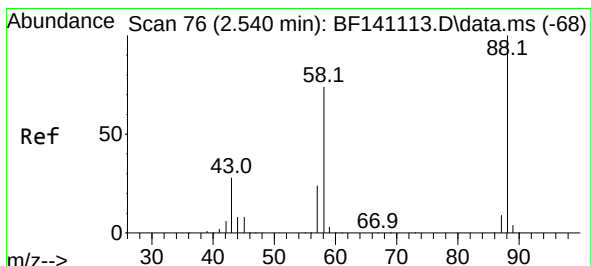
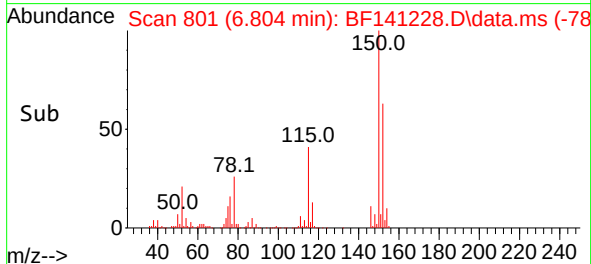
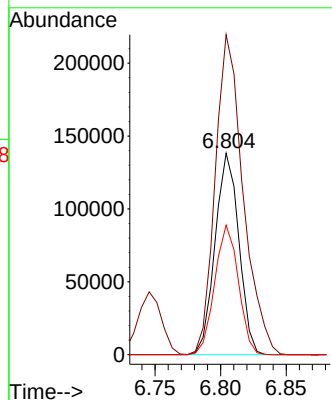
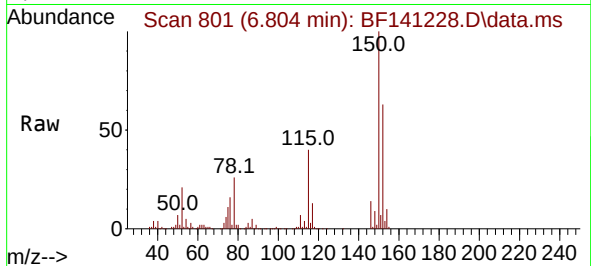




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141228.D
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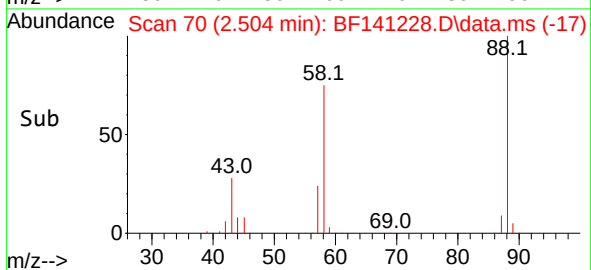
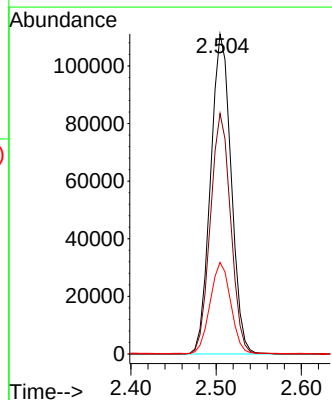
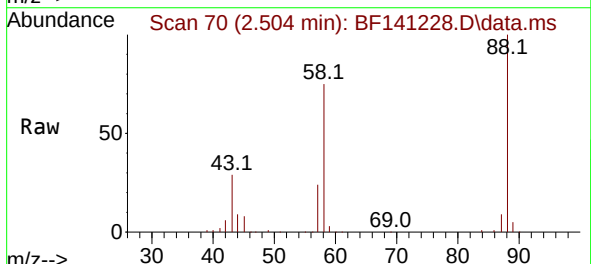
Instrument :
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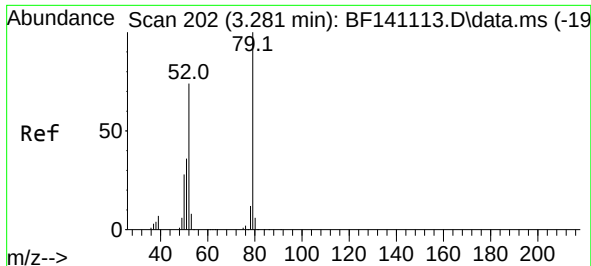
Tgt Ion:152 Resp: 174201
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.8 188.8
 115 64.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 37.166 ng
 RT: 2.504 min Scan# 70
 Delta R.T. -0.035 min
 Lab File: BF141228.D
 Acq: 21 Jan 2025 11:44

Tgt Ion: 88 Resp: 186634
 Ion Ratio Lower Upper
 88 100
 58 74.3 60.1 90.1
 43 28.4 23.1 34.7

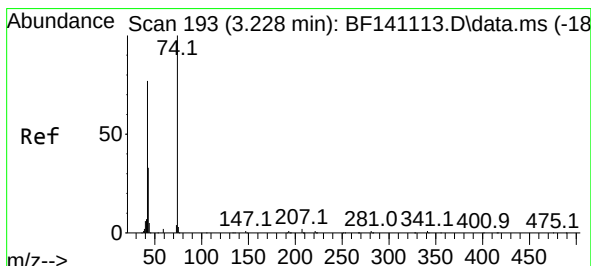
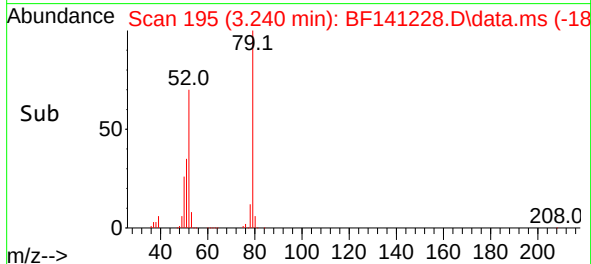
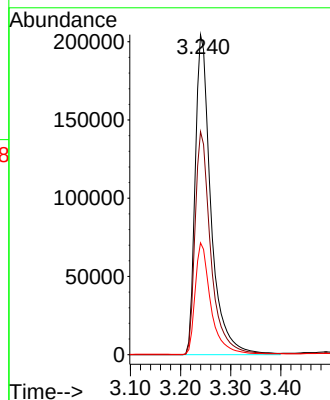
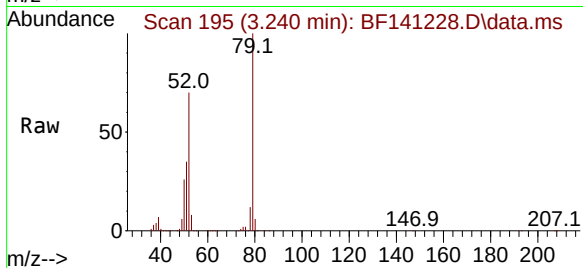




#3
 Pyridine
 Concen: 36.307 ng
 RT: 3.240 min Scan# 195
 Delta R.T. -0.041 min
 Lab File: BF141228.D
 Acq: 21 Jan 2025 11:44

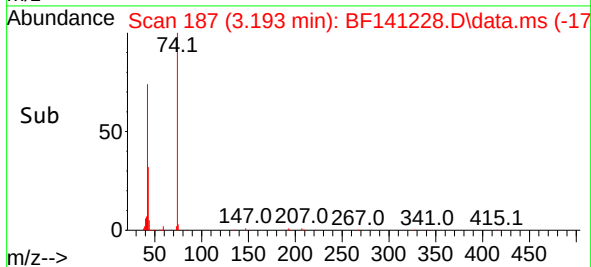
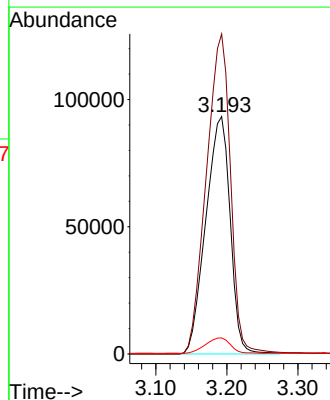
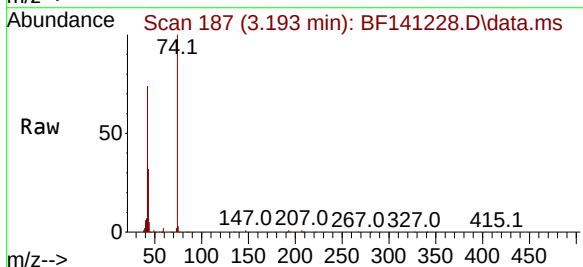
Instrument :
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 ClientSampleId :
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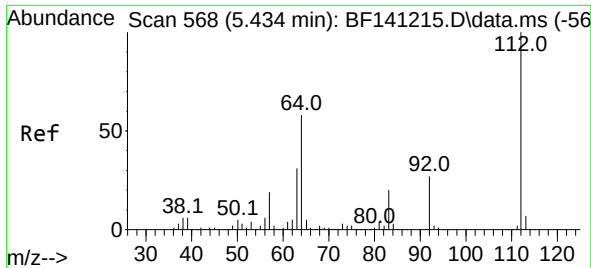
Tgt Ion: 79 Resp: 447092
 Ion Ratio Lower Upper
 79 100
 52 69.7 58.9 88.3
 51 34.9 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 36.969 ng
 RT: 3.193 min Scan# 187
 Delta R.T. -0.035 min
 Lab File: BF141228.D
 Acq: 21 Jan 2025 11:44

Tgt Ion: 42 Resp: 222594
 Ion Ratio Lower Upper
 42 100
 74 134.8 103.8 155.6
 44 6.8 5.3 7.9

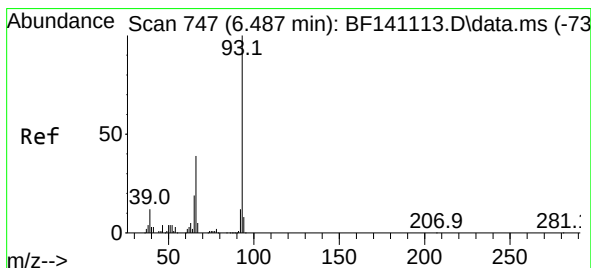
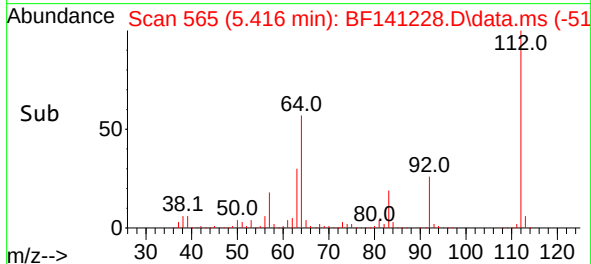
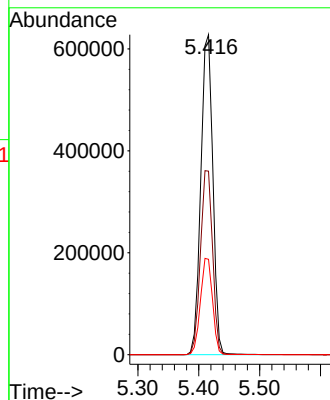
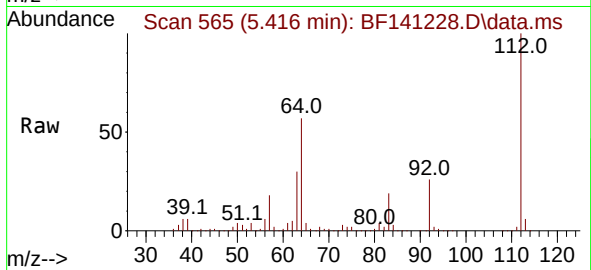




#5
2-Fluorophenol
Concen: 76.127 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

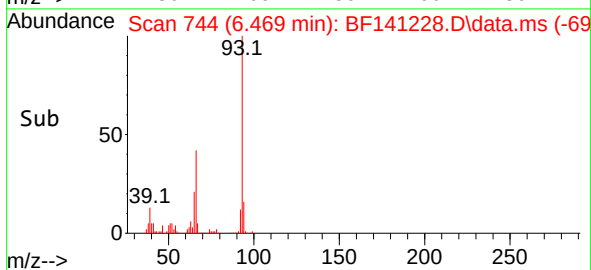
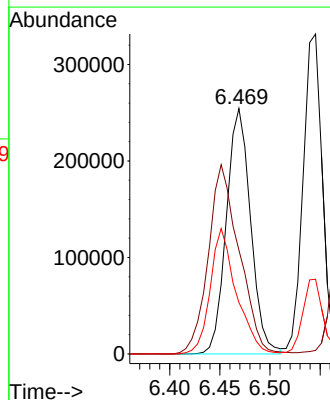
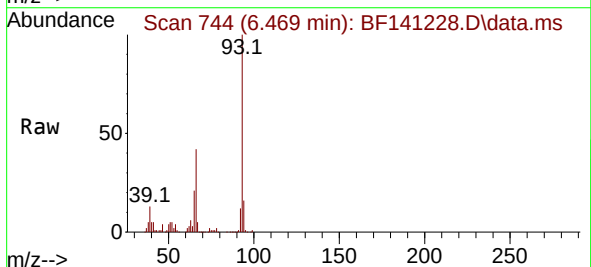
Instrument :
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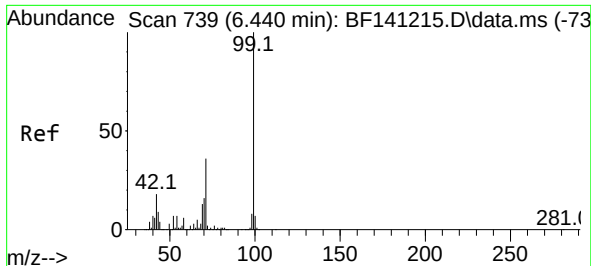
Tgt Ion:112 Resp: 858450
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 29.8 24.2 36.2



#6
Aniline
Concen: 33.772 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion: 93 Resp: 428291
Ion Ratio Lower Upper
93 100
66 42.3 31.5 47.3
65 21.0 15.3 22.9



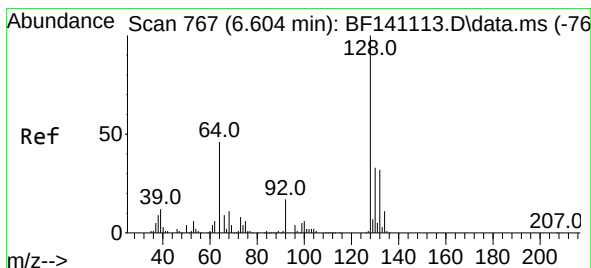
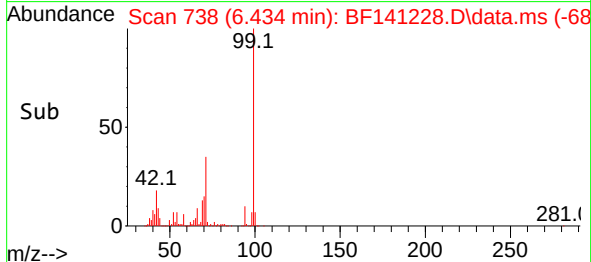
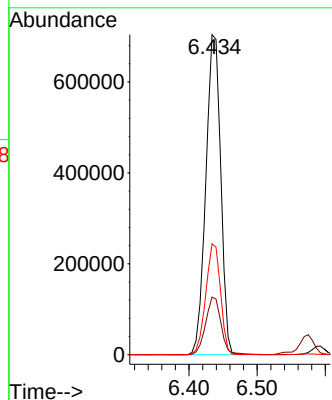
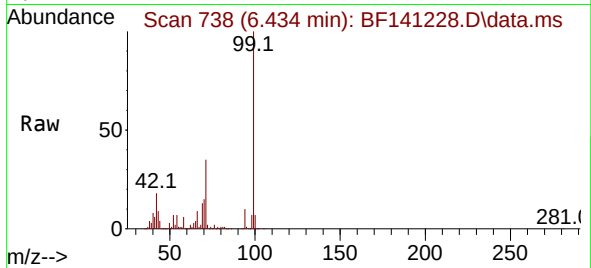


#7
Phenol-d6
Concen: 75.075 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1072379

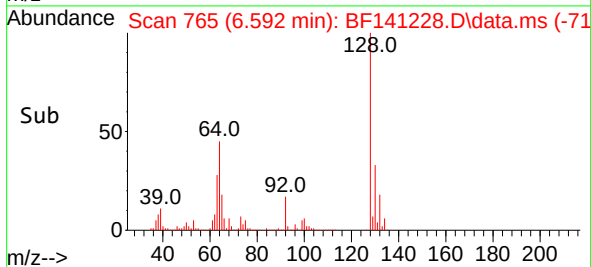
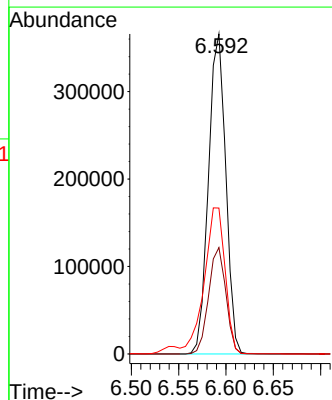
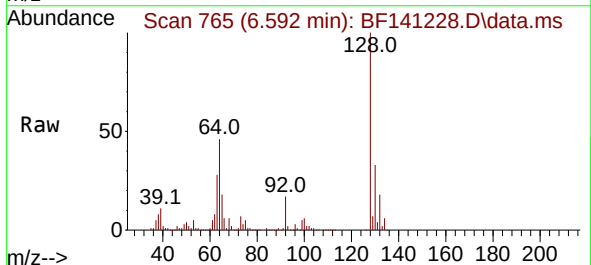
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	34.6	27.6	41.4

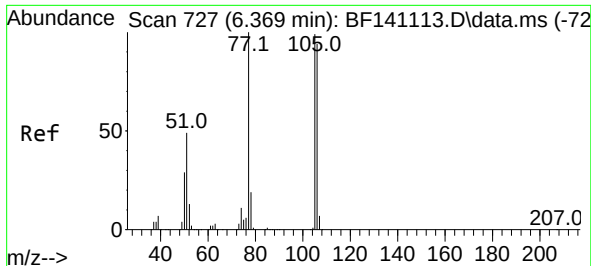


#8
2-Chlorophenol
Concen: 38.292 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion: 128 Resp: 463271

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.5	52.5
64	45.6	28.3	68.3

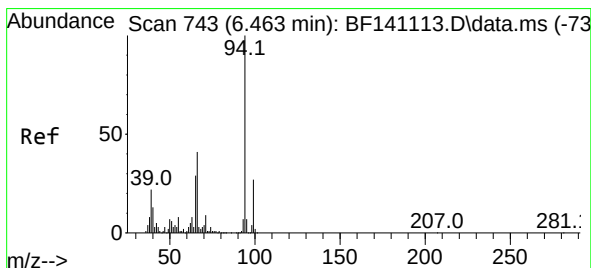
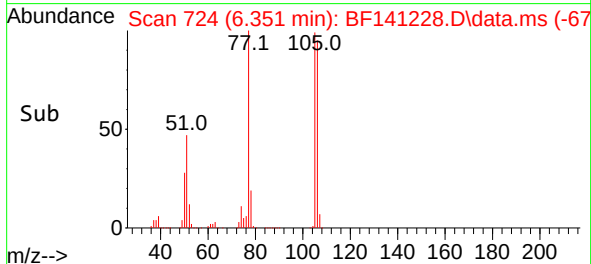
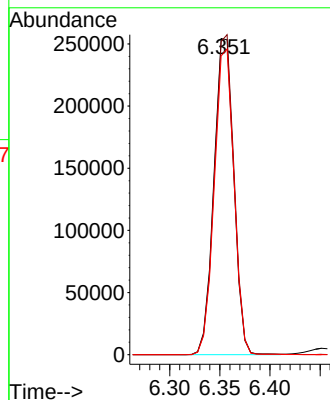
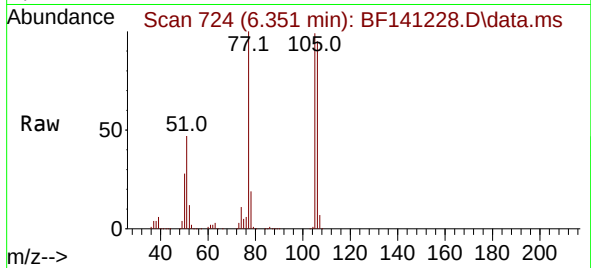




#9
Benzaldehyde
Concen: 41.623 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

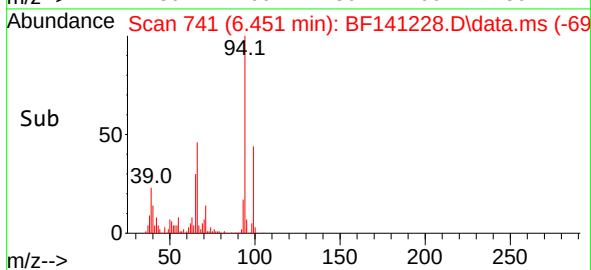
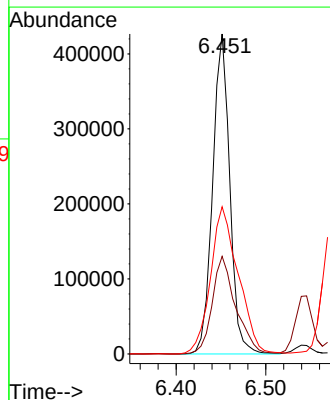
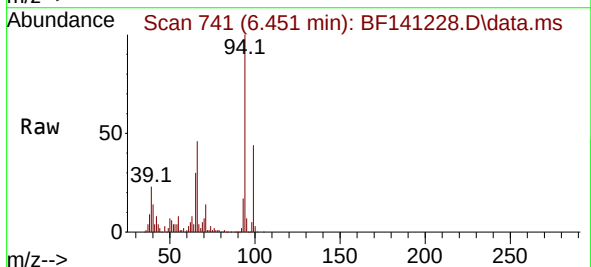
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

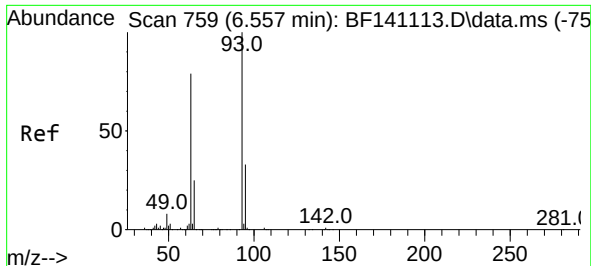
Tgt Ion: 77 Resp: 350168
Ion Ratio Lower Upper
77 100
105 99.1 78.9 118.9
106 94.5 73.6 113.6



#10
Phenol
Concen: 37.020 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion: 94 Resp: 566067
Ion Ratio Lower Upper
94 100
65 30.5 8.9 48.9
66 46.0 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 38.482 ng

RT: 6.545 min Scan# 70

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

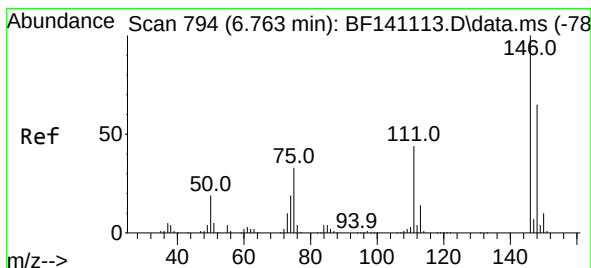
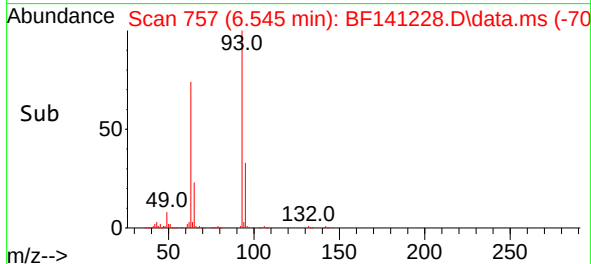
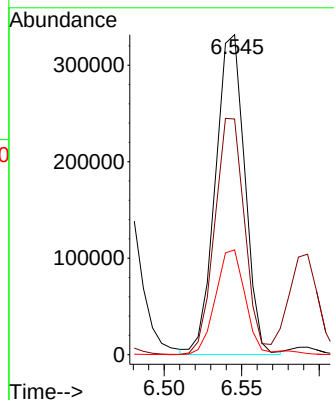
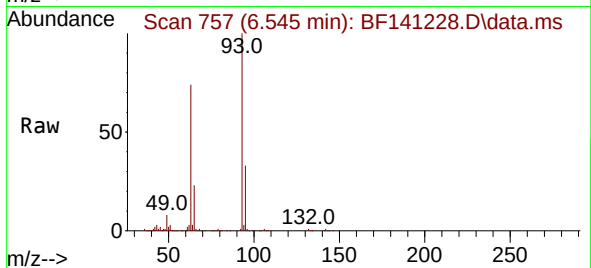
Tgt Ion: 93 Resp: 438516

Ion Ratio Lower Upper

93 100

63 73.7 58.0 98.0

95 32.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 38.811 ng

RT: 6.745 min Scan# 791

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

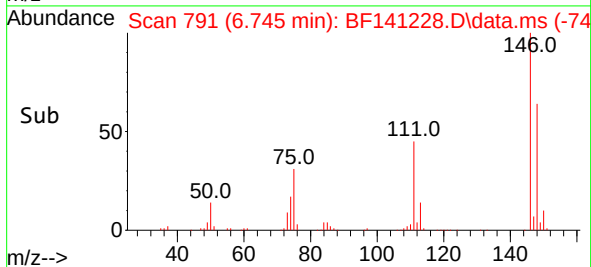
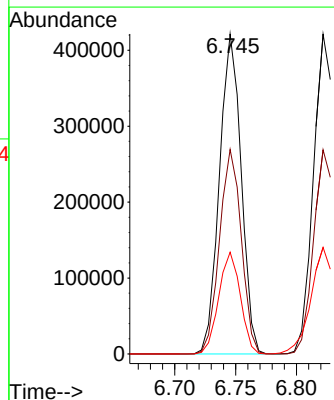
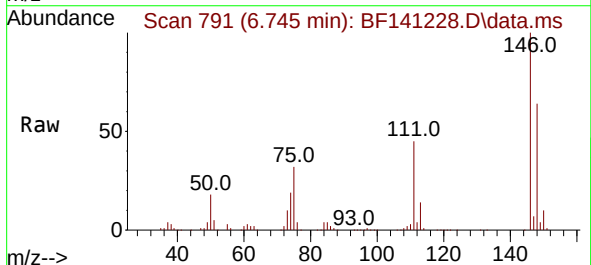
Tgt Ion:146 Resp: 523702

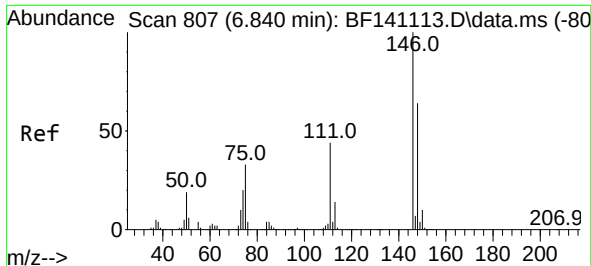
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 31.8 26.2 39.2

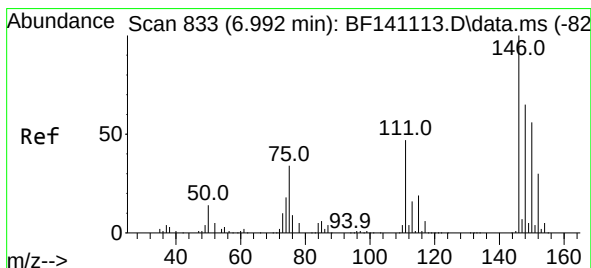
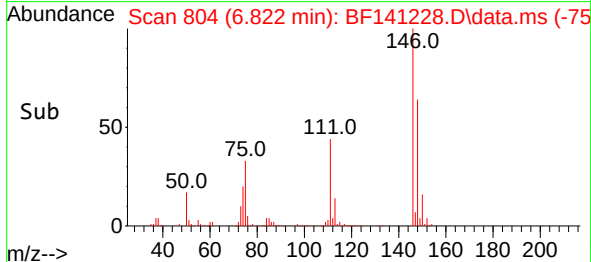
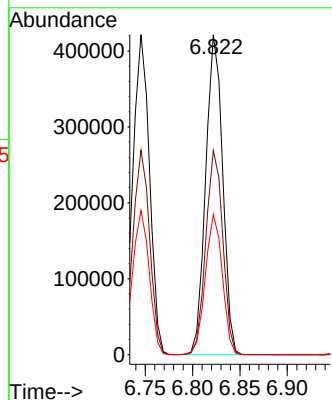
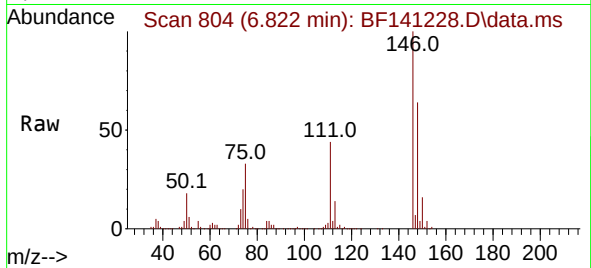




#13
1,4-Dichlorobenzene
Concen: 38.528 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

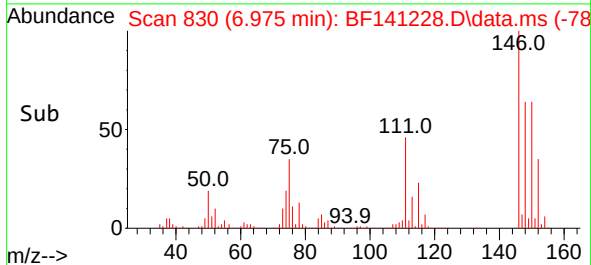
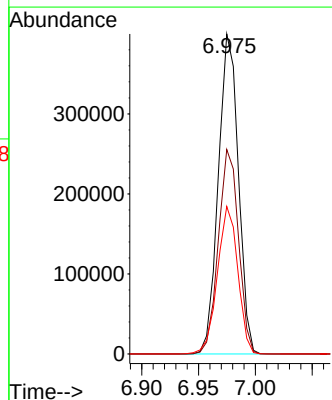
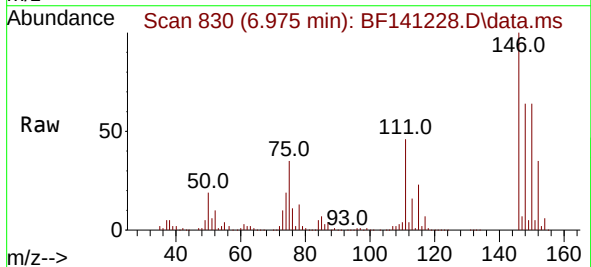
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

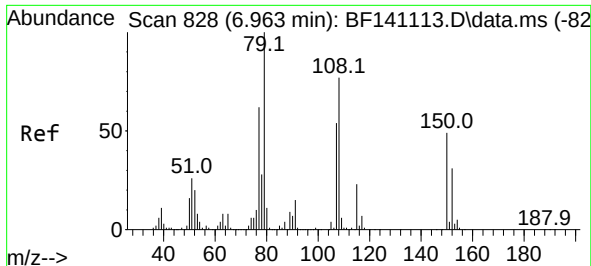
Tgt Ion:146 Resp: 523883
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 43.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 38.735 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:146 Resp: 491308
Ion Ratio Lower Upper
146 100
148 63.9 52.2 78.4
111 46.1 37.5 56.3

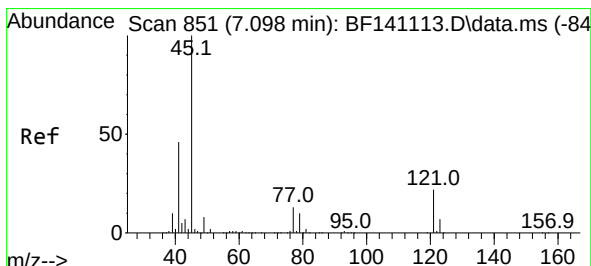
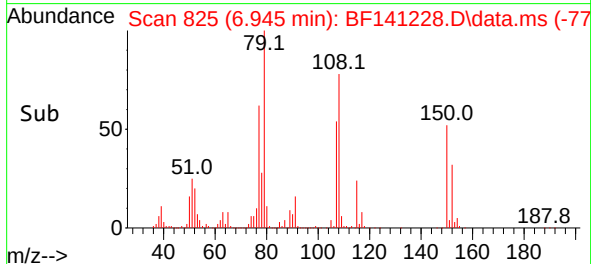
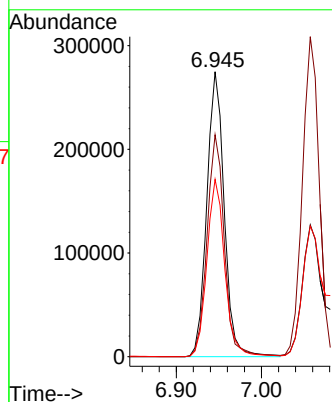
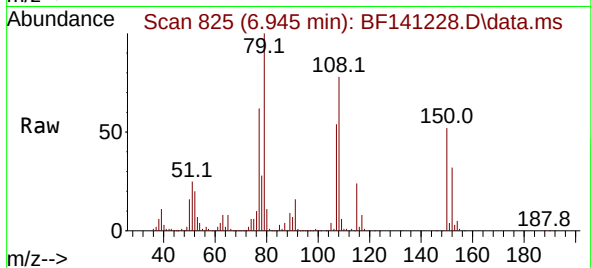




#15
Benzyl Alcohol
Concen: 37.849 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

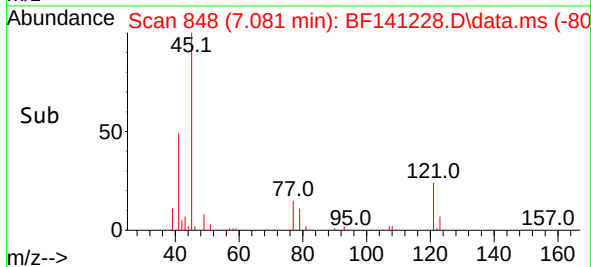
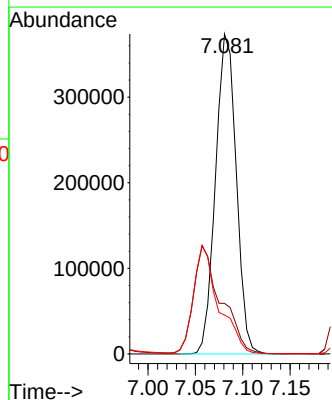
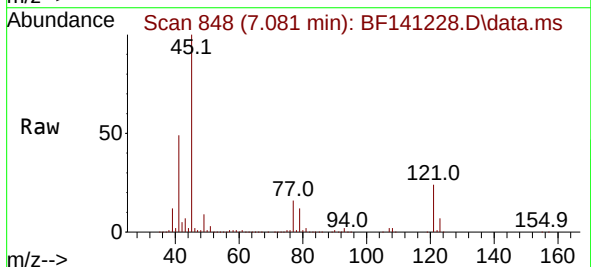
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

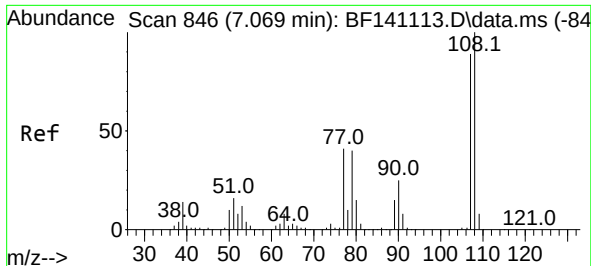
Tgt Ion: 79 Resp: 390437
Ion Ratio Lower Upper
79 100
108 77.9 61.4 92.0
77 62.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.780 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion: 45 Resp: 568957
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.1
79 12.2 0.0 31.0

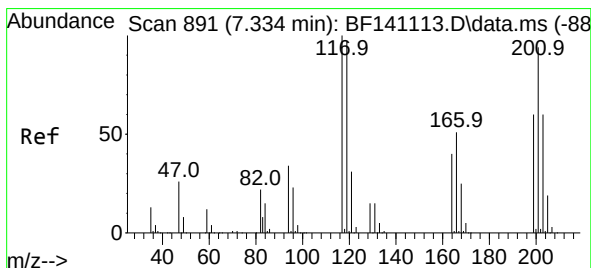
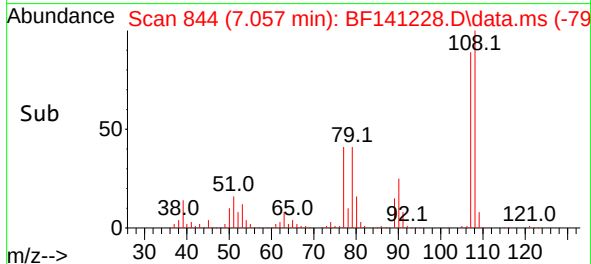
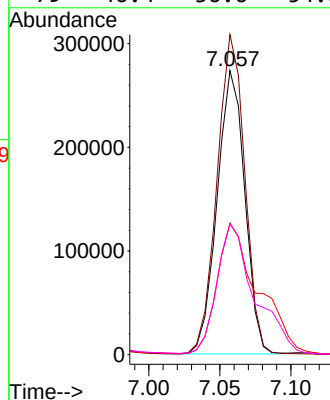
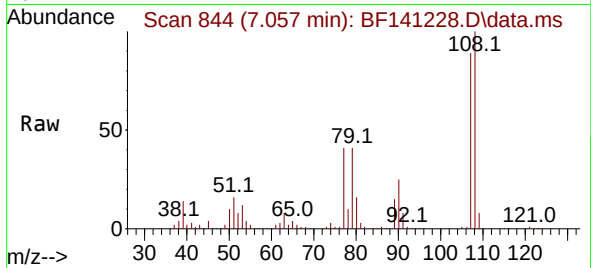




#17
2-Methylphenol
Concen: 37.884 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

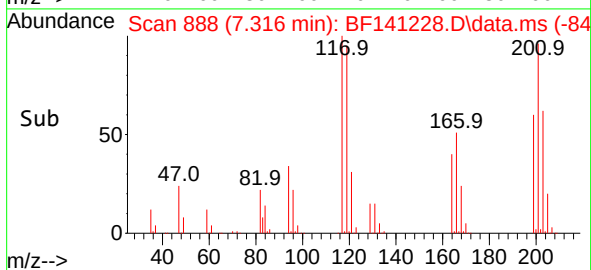
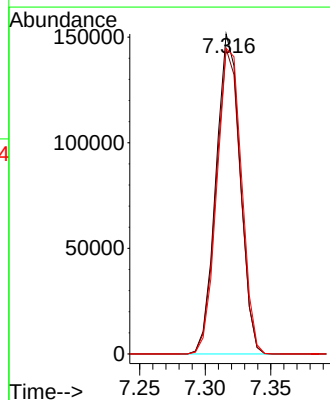
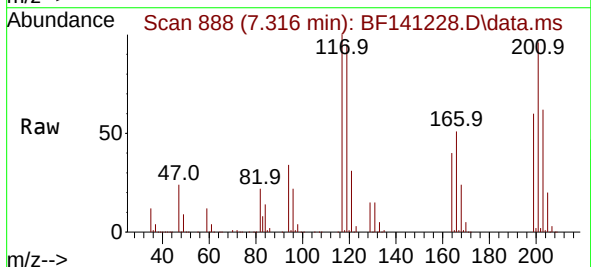
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

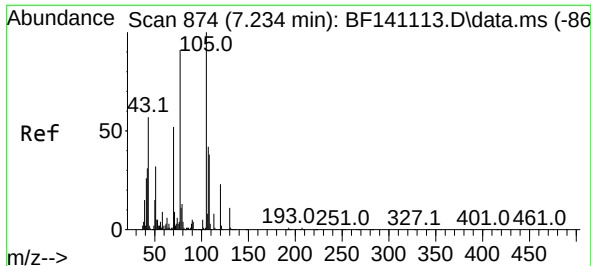
Tgt Ion:107 Resp: 370033
Ion Ratio Lower Upper
107 100
108 112.7 90.1 135.1
77 46.1 36.6 55.0
79 46.4 36.6 54.8



#18
Hexachloroethane
Concen: 39.329 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:117 Resp: 193391
Ion Ratio Lower Upper
117 100
119 95.4 77.6 116.4
201 95.5 75.1 112.7

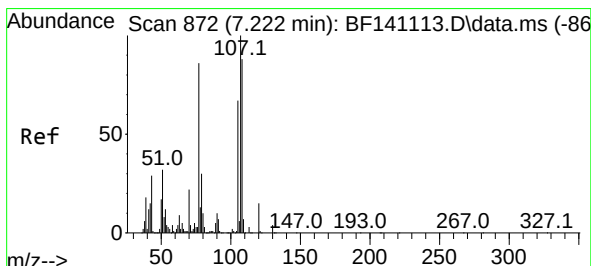
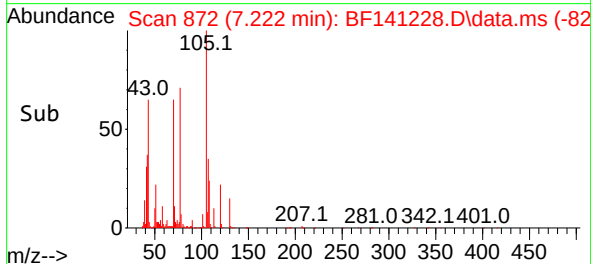
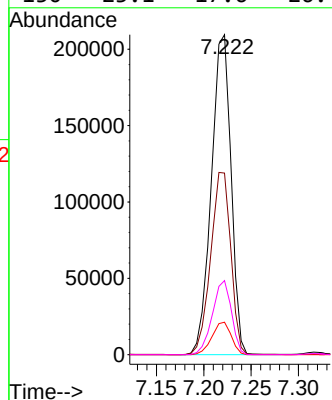
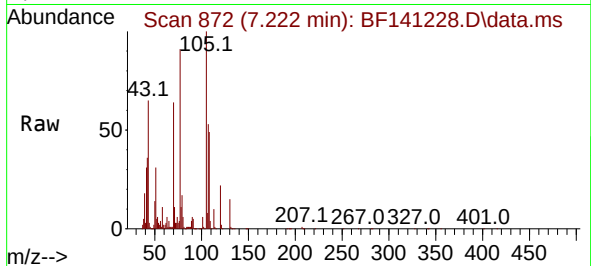




#19
n-Nitroso-di-n-propylamine
Concen: 35.950 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

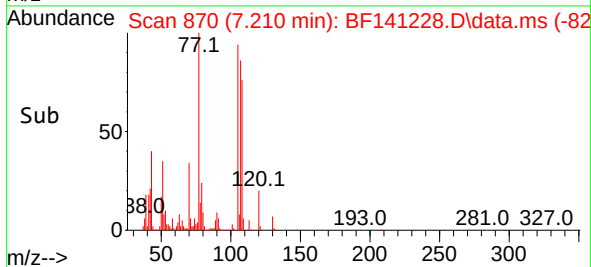
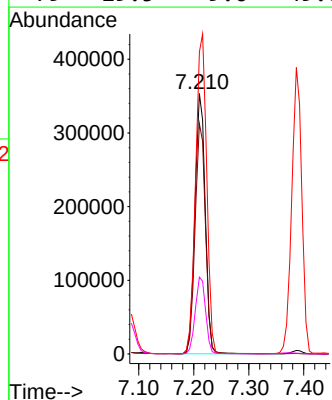
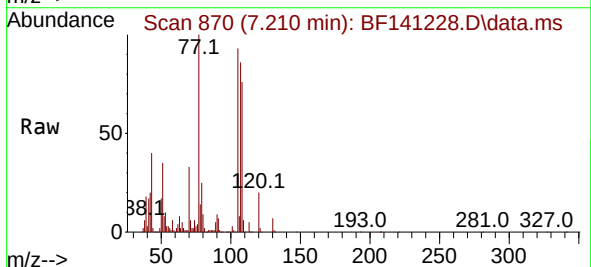
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

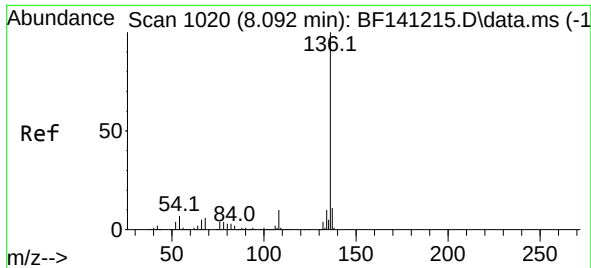
Tgt Ion: 70 Resp: 302494
Ion Ratio Lower Upper
70 100
42 56.7 47.8 71.6
101 10.2 7.9 11.9
130 23.1 17.6 26.4



#20
3+4-Methylphenols
Concen: 37.103 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion: 107 Resp: 457216
Ion Ratio Lower Upper
107 100
108 88.4 68.3 108.3
77 116.0 66.4 106.4#
79 29.5 9.6 49.6

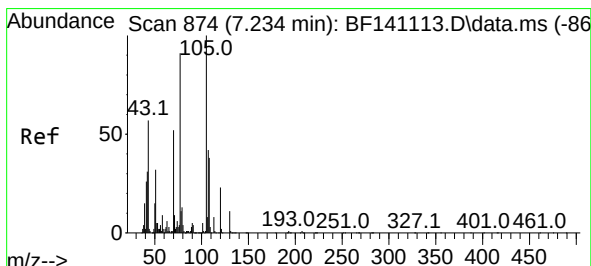
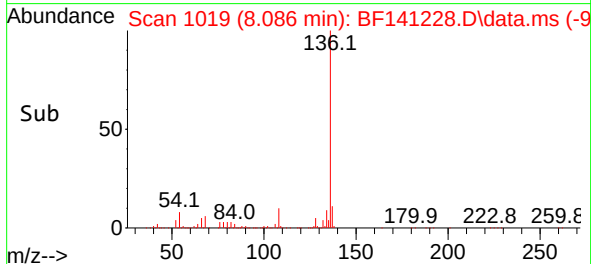
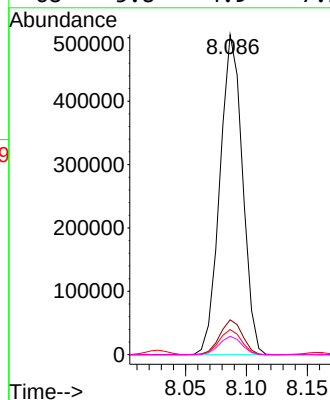
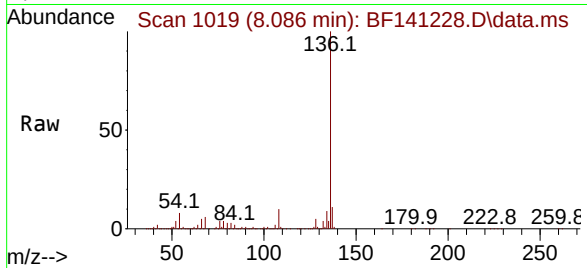




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

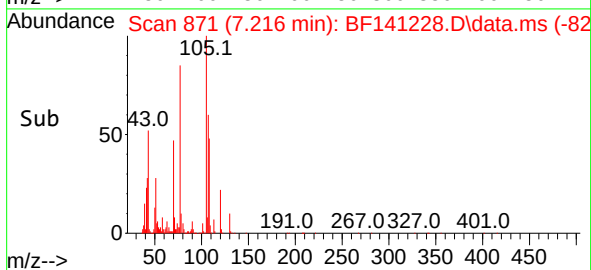
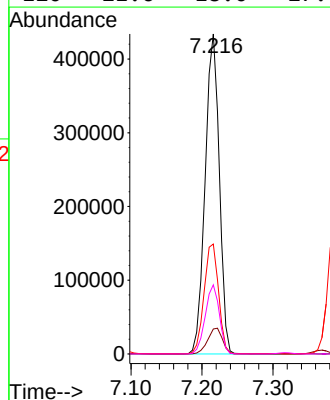
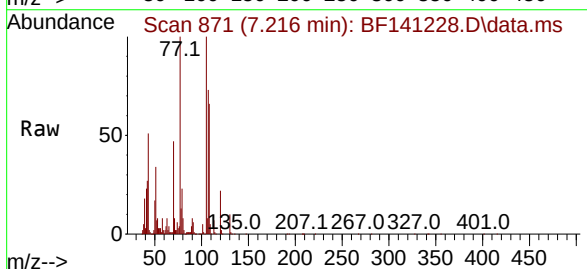
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

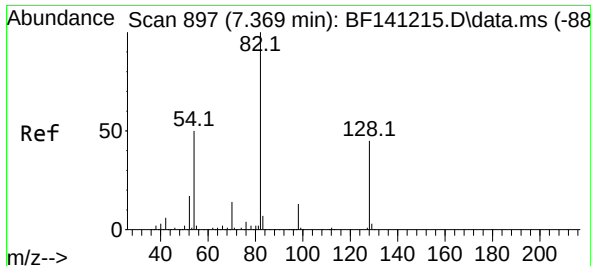
Tgt Ion:136	Resp: 651170
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 7.9	6.3 9.5
68 5.8	4.9 7.3



#22
Acetophenone
Concen: 38.949 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:105	Resp: 602925
Ion Ratio	Lower Upper
105 100	
71 7.8	7.1 10.7
51 34.4	25.4 38.2
120 21.6	18.0 27.0





#23

Nitrobenzene-d5

Concen: 78.276 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

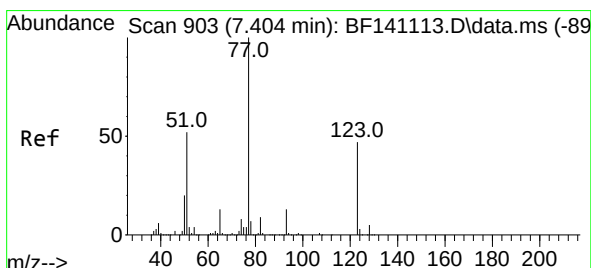
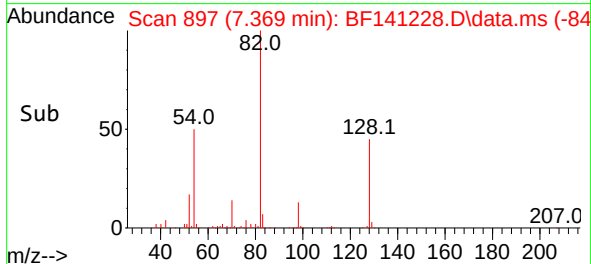
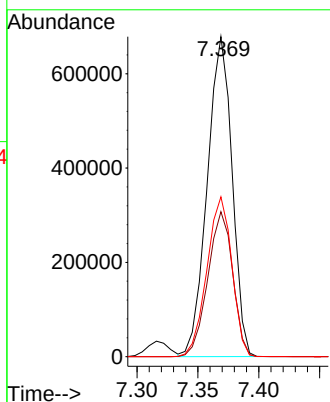
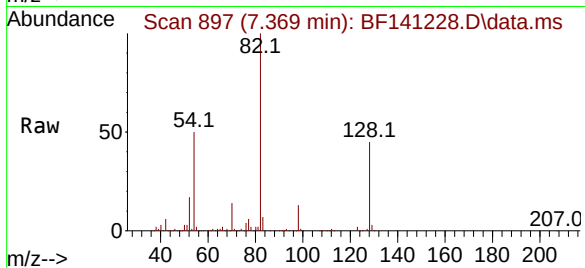
Tgt Ion: 82 Resp: 961566

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

54 49.9 41.0 61.4



#24

Nitrobenzene

Concen: 38.691 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

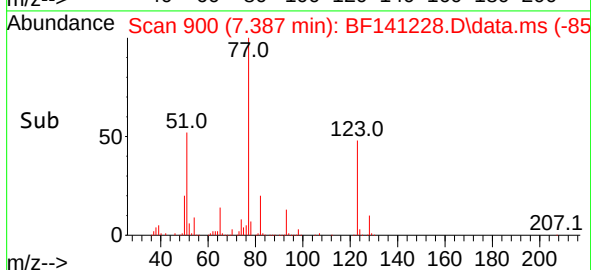
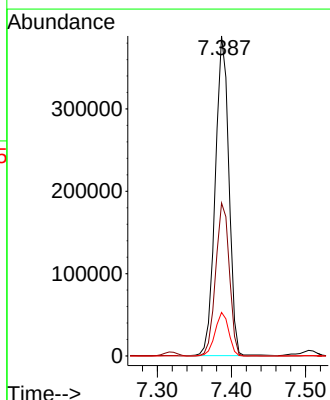
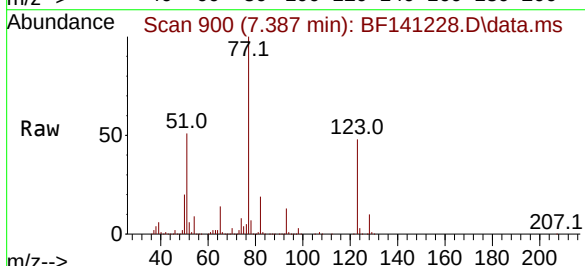
Tgt Ion: 77 Resp: 495347

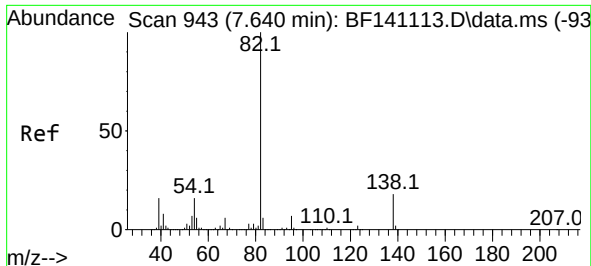
Ion Ratio Lower Upper

77 100

123 47.8 37.7 56.5

65 13.6 10.6 16.0

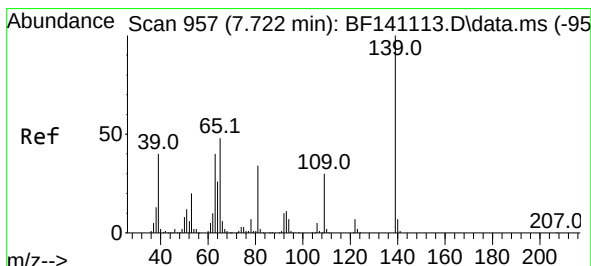
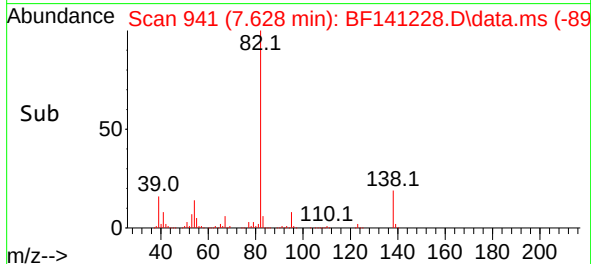
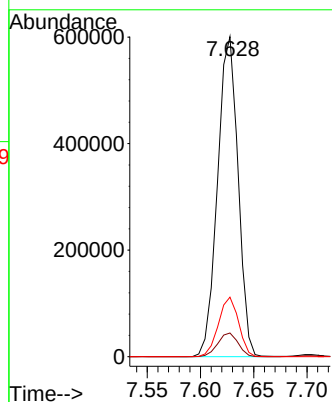
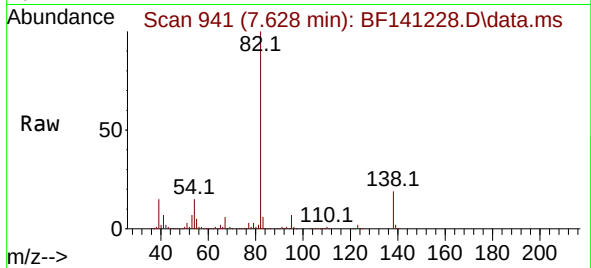




#25
Isophorone
Concen: 38.281 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

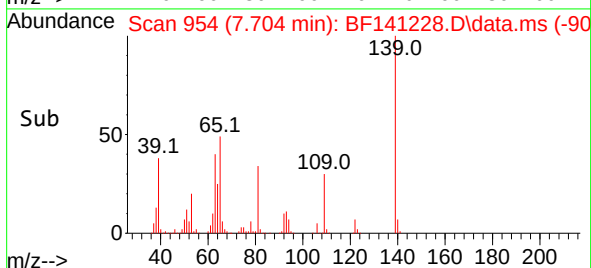
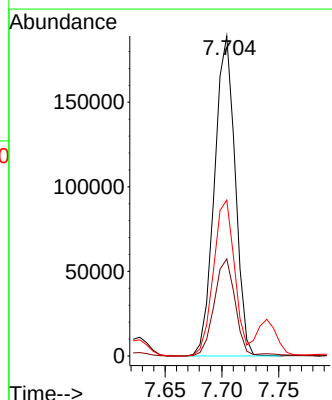
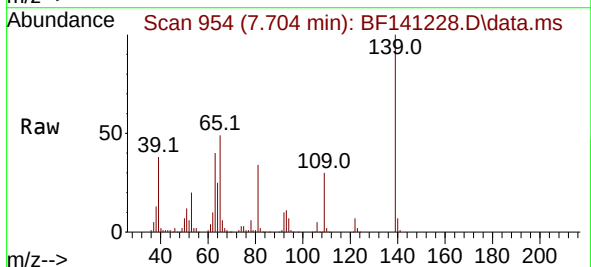
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

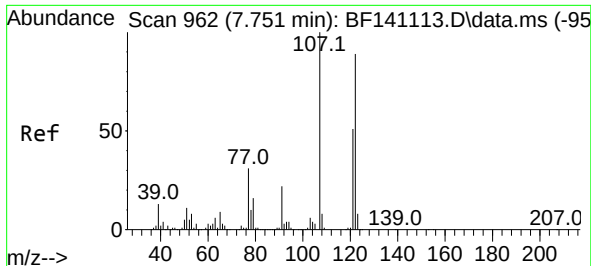
Tgt Ion: 82 Resp: 803651
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.6 14.2 21.2



#26
2-Nitrophenol
Concen: 41.089 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:139 Resp: 239296
Ion Ratio Lower Upper
139 100
109 30.4 23.8 35.6
65 48.8 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 39.115 ng

RT: 7.739 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

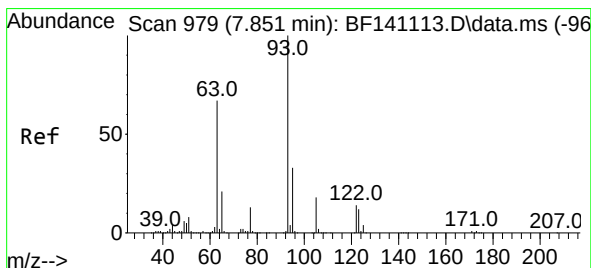
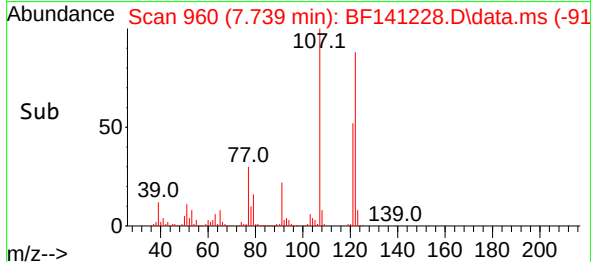
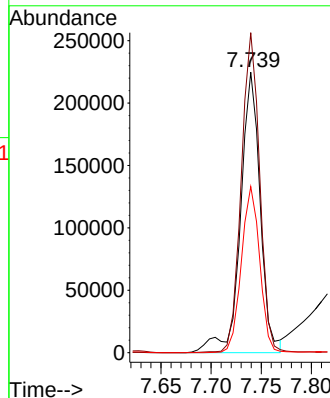
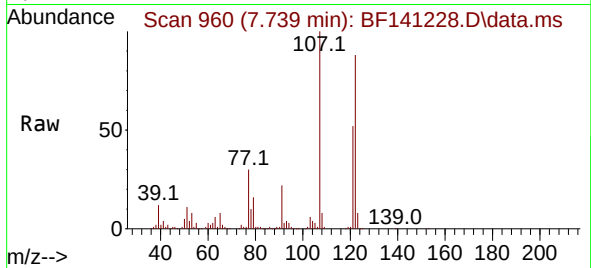
Tgt Ion:122 Resp: 307263

Ion Ratio Lower Upper

122 100

107 114.1 90.3 135.5

121 59.2 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 38.825 ng

RT: 7.839 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

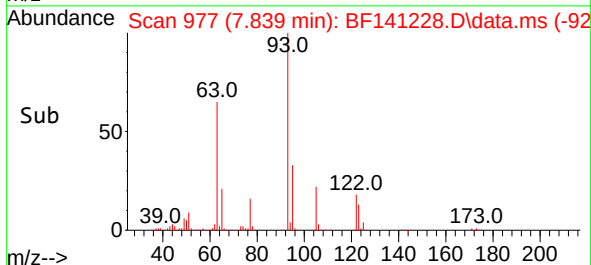
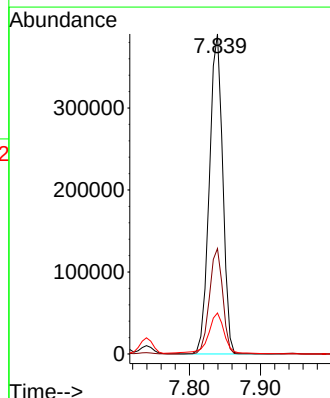
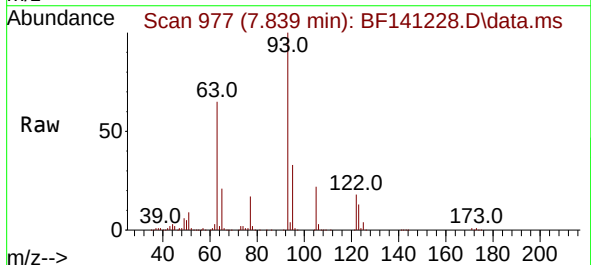
Tgt Ion: 93 Resp: 511515

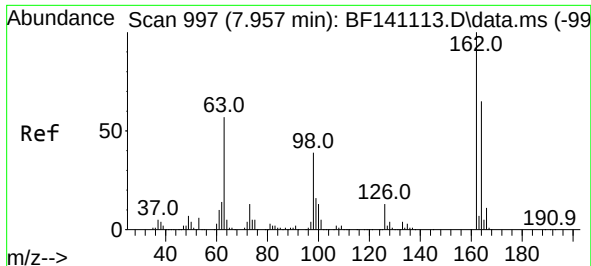
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.8 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 40.041 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

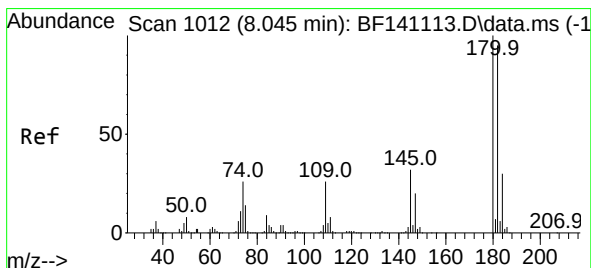
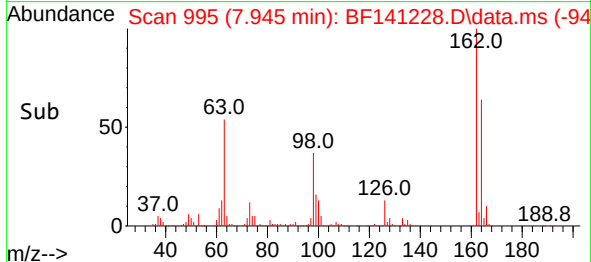
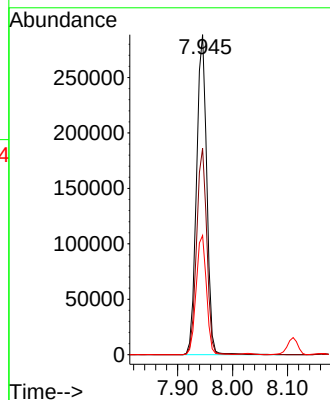
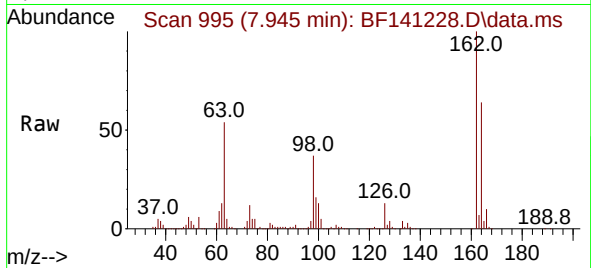
Tgt Ion:162 Resp: 373566

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 37.3 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 40.561 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

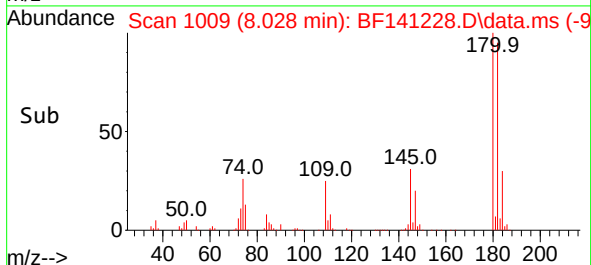
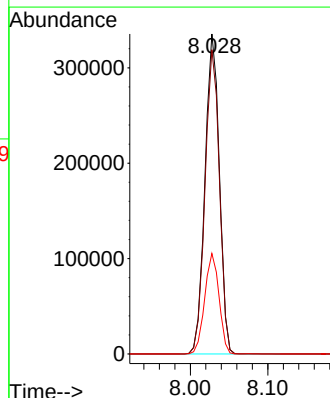
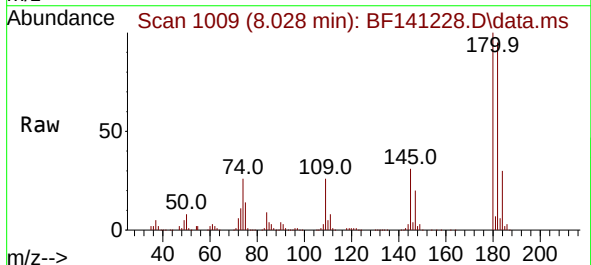
Tgt Ion:180 Resp: 432551

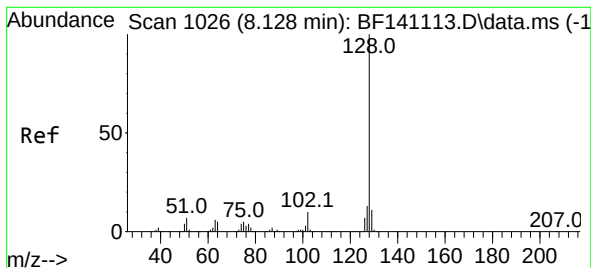
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 31.4 25.3 37.9





#31

Naphthalene

Concen: 39.335 ng

RT: 8.110 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

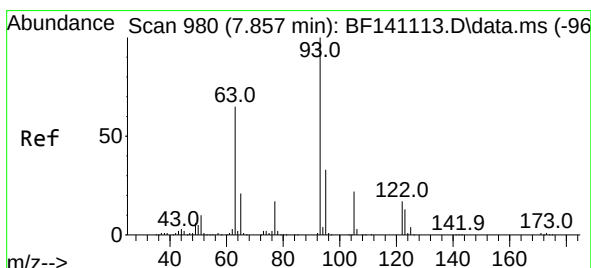
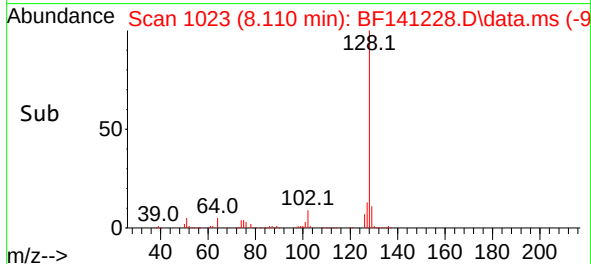
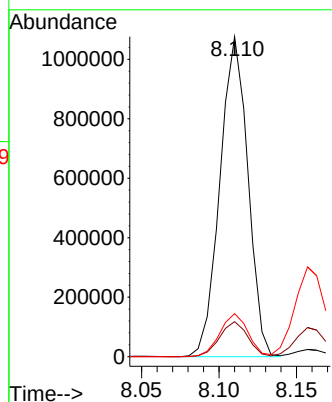
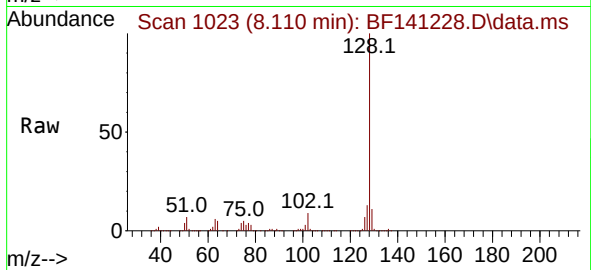
Tgt Ion:128 Resp: 1350755

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 38.414 ng

RT: 7.851 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

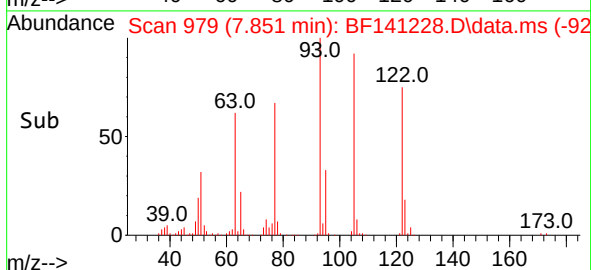
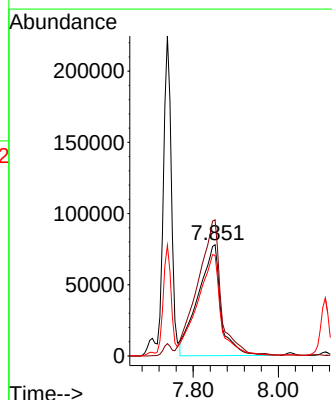
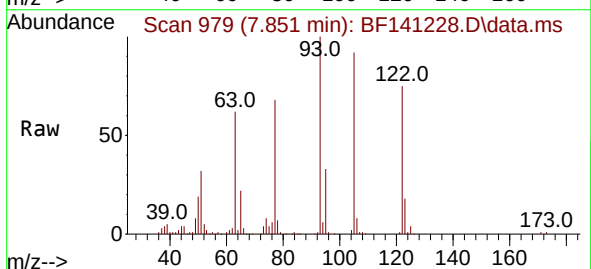
Tgt Ion:122 Resp: 289471

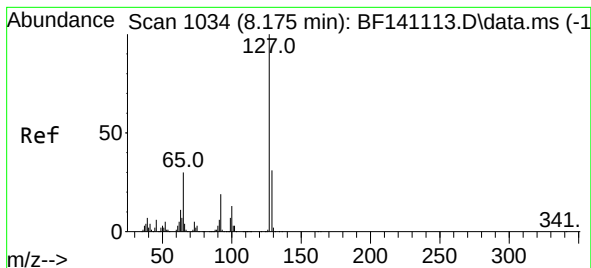
Ion Ratio Lower Upper

122 100

105 122.5 105.5 145.5

77 90.5 75.1 115.1





#33

4-Chloroaniline

Concen: 34.827 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 413601

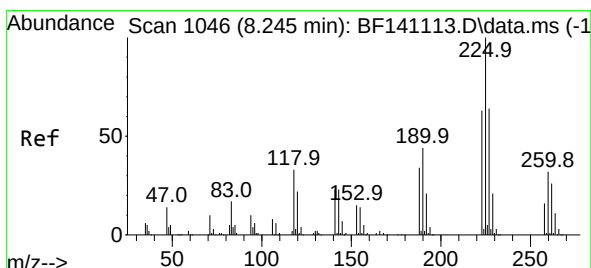
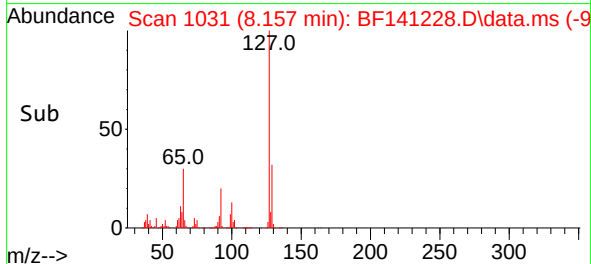
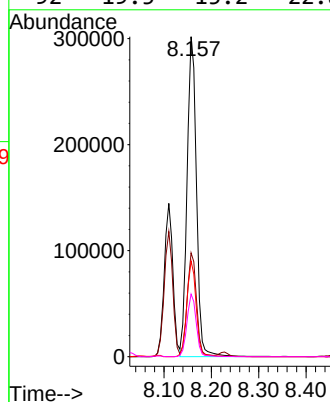
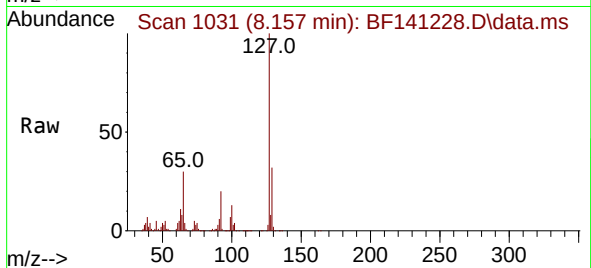
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 29.9 23.8 35.8

92 19.5 15.2 22.8



#34

Hexachlorobutadiene

Concen: 41.425 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

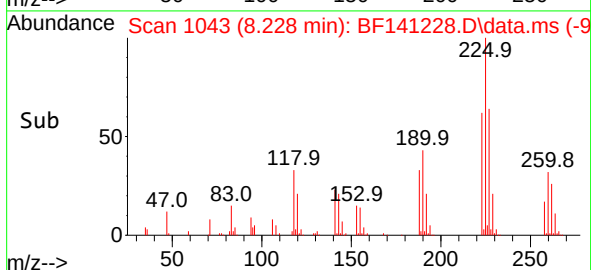
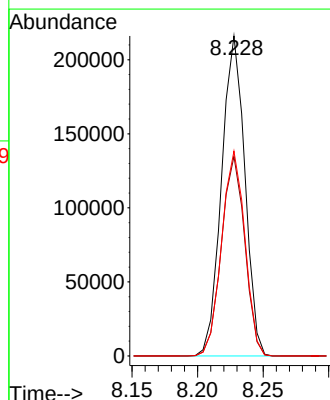
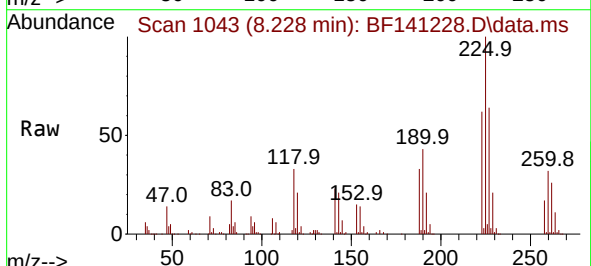
Tgt Ion:225 Resp: 266188

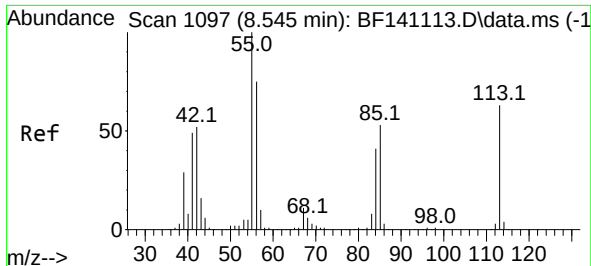
Ion Ratio Lower Upper

225 100

223 62.4 50.6 76.0

227 64.0 51.6 77.4

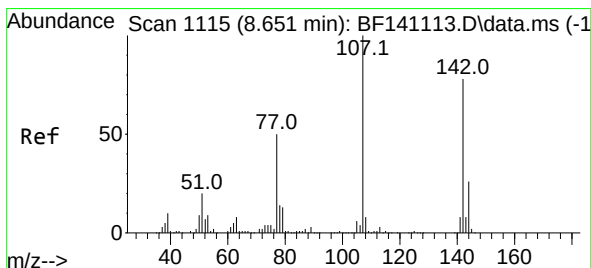
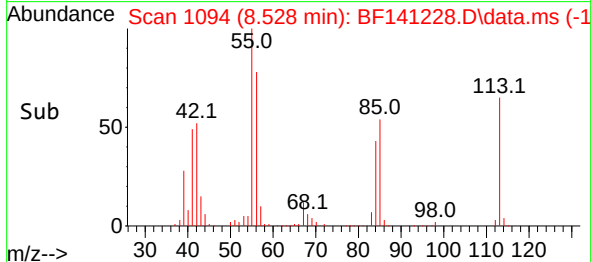
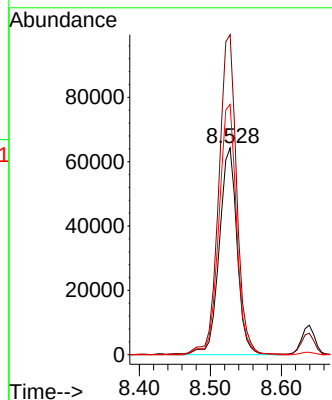
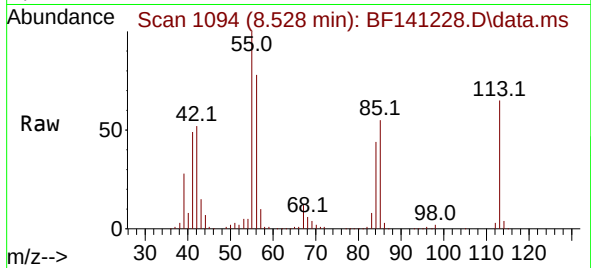




#35
 Caprolactam
 Concen: 36.361 ng
 RT: 8.528 min Scan# 11065
 Delta R.T. -0.018 min
 Lab File: BF141228.D
 Acq: 21 Jan 2025 11:44

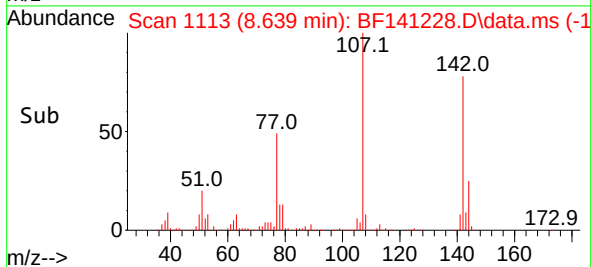
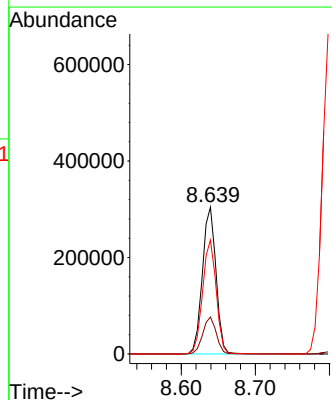
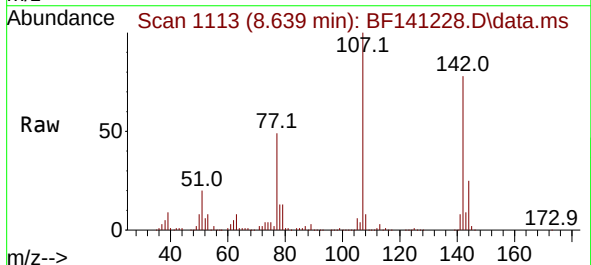
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

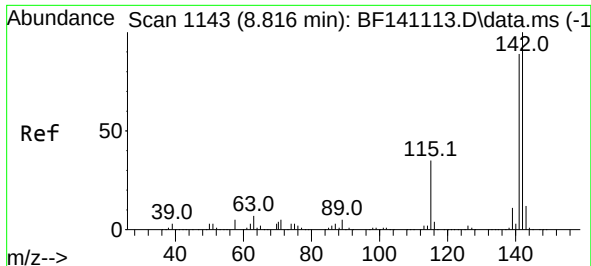
Tgt Ion:113 Resp: 111065
 Ion Ratio Lower Upper
 113 100
 55 154.8 139.7 179.7
 56 121.0 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.098 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. -0.012 min
 Lab File: BF141228.D
 Acq: 21 Jan 2025 11:44

Tgt Ion:107 Resp: 388731
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.4 30.6
 142 77.6 62.2 93.2





#37

2-Methylnaphthalene

Concen: 39.028 ng

RT: 8.798 min Scan# 1140

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

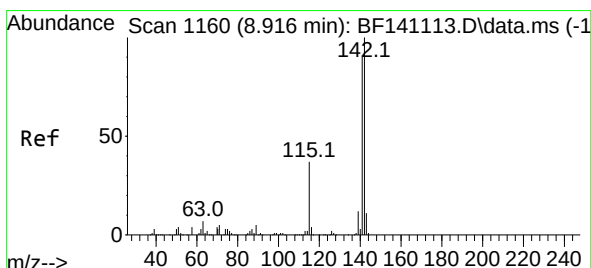
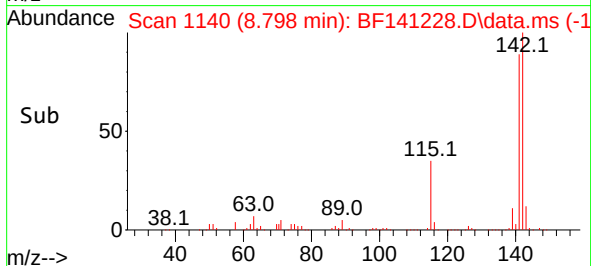
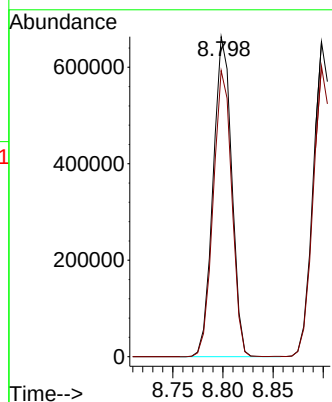
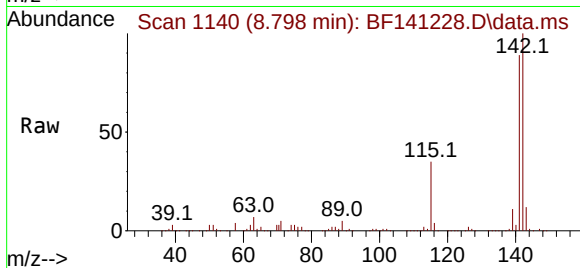
SSTDCCC040

Tgt Ion:142 Resp: 854039

Ion Ratio Lower Upper

142 100

141 89.4 71.3 106.9



#38

1-Methylnaphthalene

Concen: 38.719 ng

RT: 8.898 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BF141228.D

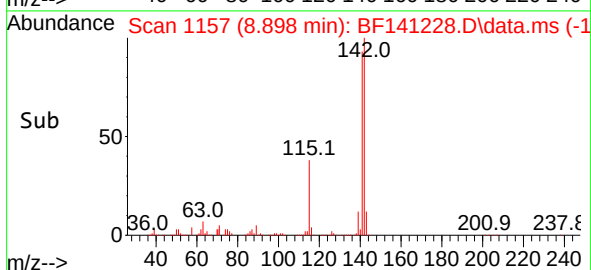
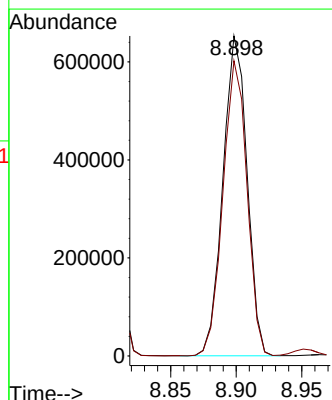
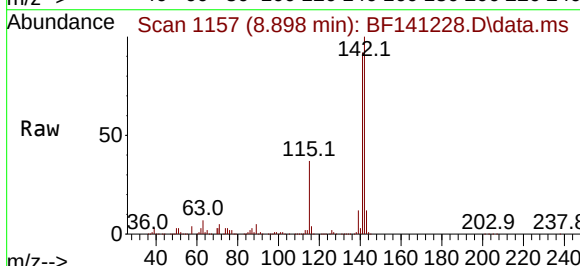
Acq: 21 Jan 2025 11:44

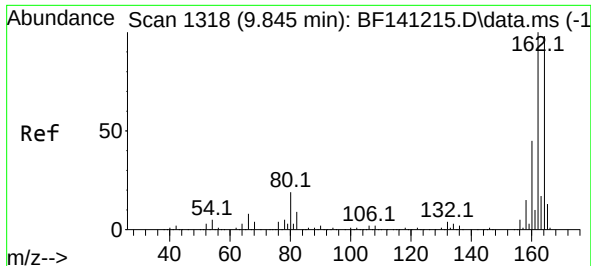
Tgt Ion:142 Resp: 835025

Ion Ratio Lower Upper

142 100

141 92.3 73.1 109.7

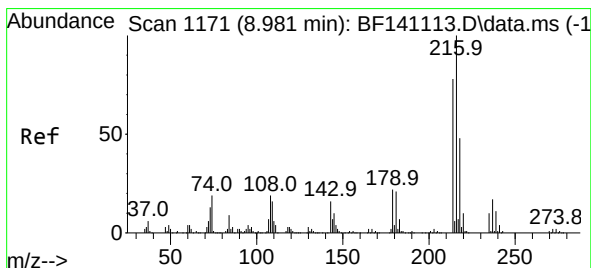
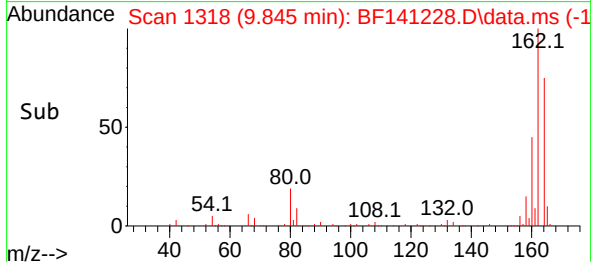
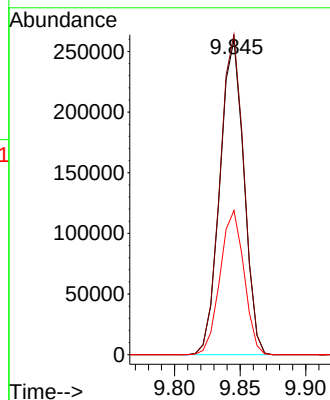
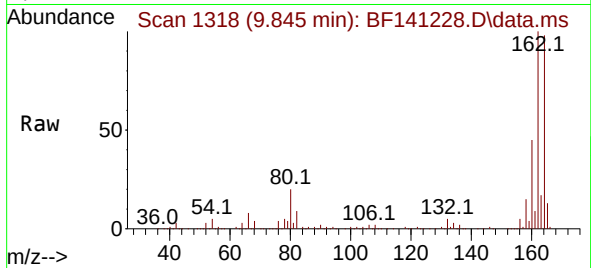




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1168
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

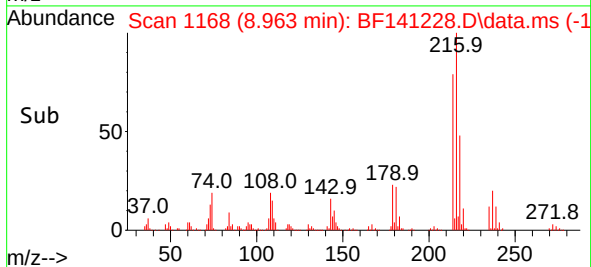
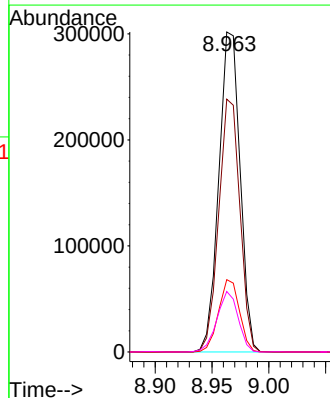
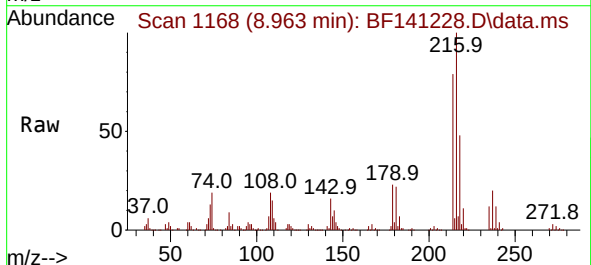
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

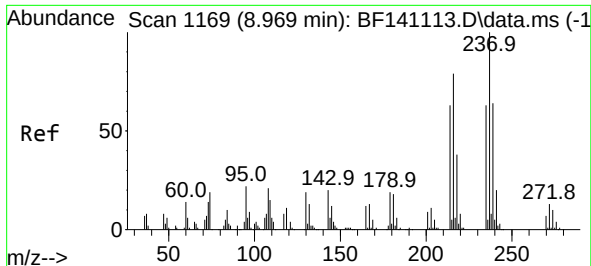
Tgt Ion:164 Resp: 329142
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.8 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.593 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:216 Resp: 392931
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 22.2 17.7 26.5
108 18.8 15.4 23.0

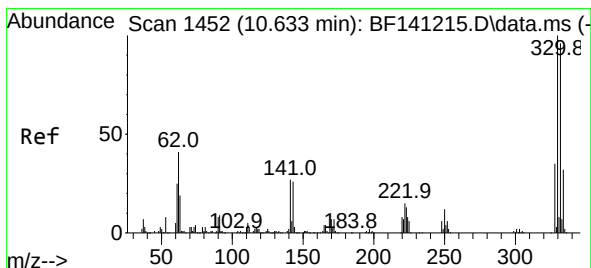
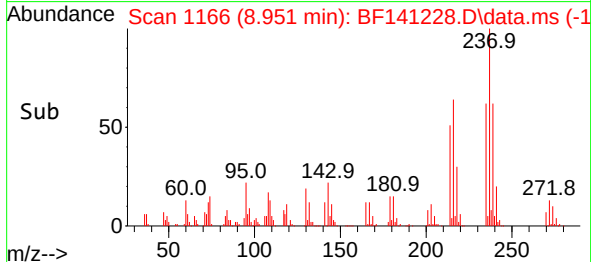
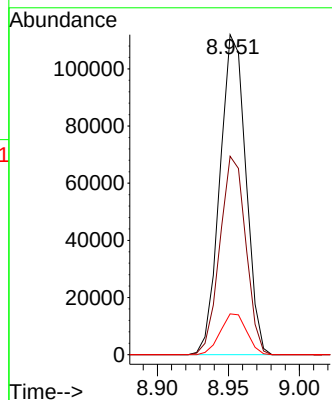
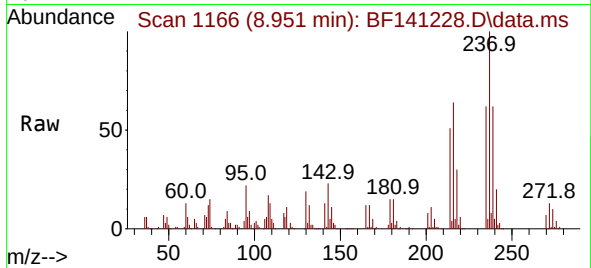




#41
Hexachlorocyclopentadiene
Concen: 46.056 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

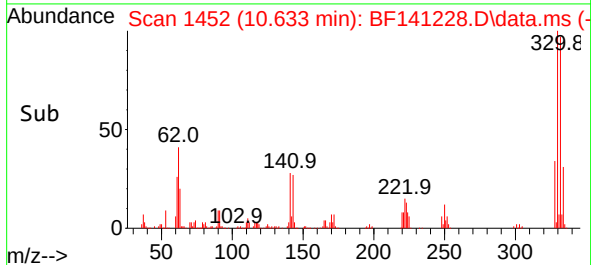
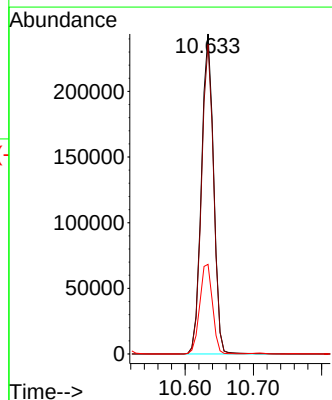
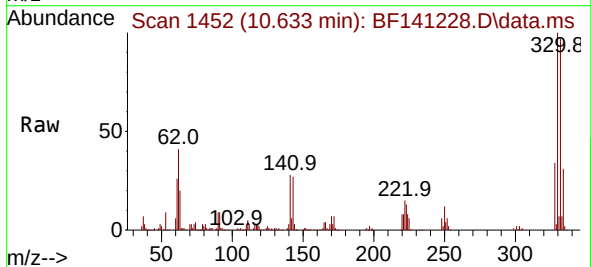
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

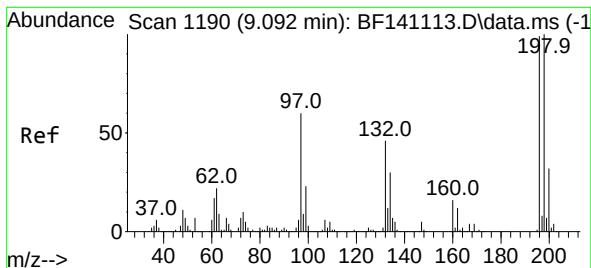
Tgt Ion:237 Resp: 142346
Ion Ratio Lower Upper
237 100
235 62.0 43.0 83.0
272 12.7 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 80.603 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:330 Resp: 302290
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.3 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 41.139 ng

RT: 9.075 min Scan# 1187

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

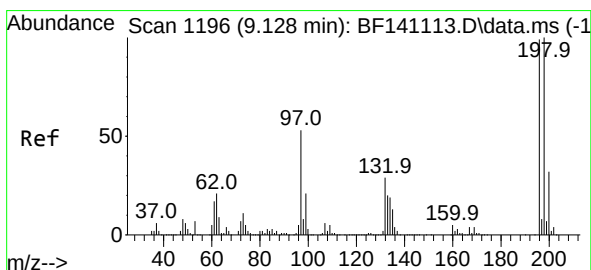
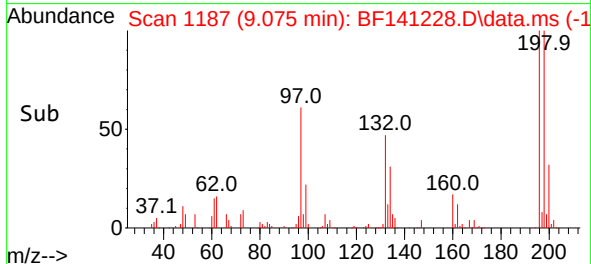
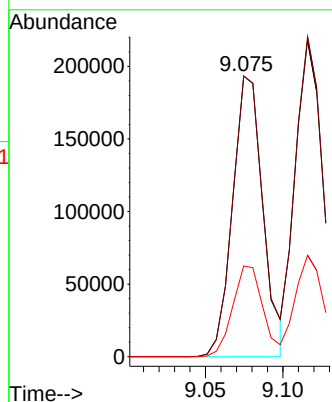
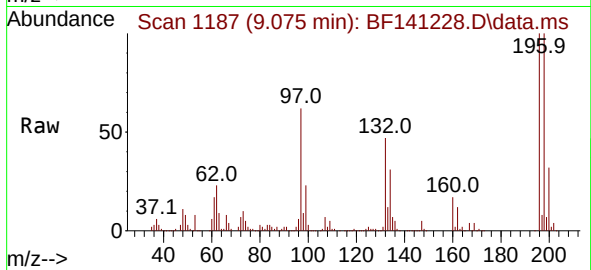
Tgt Ion:196 Resp: 262115

Ion Ratio Lower Upper

196 100

198 100.0 80.8 121.2

200 32.3 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 39.984 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Tgt Ion:196 Resp: 269052

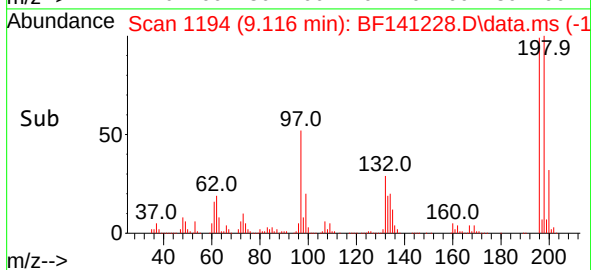
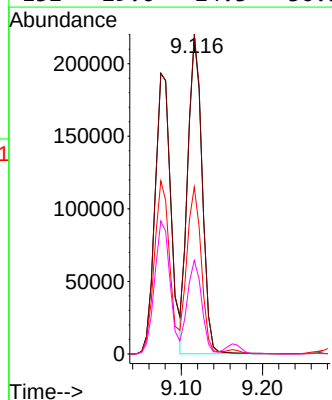
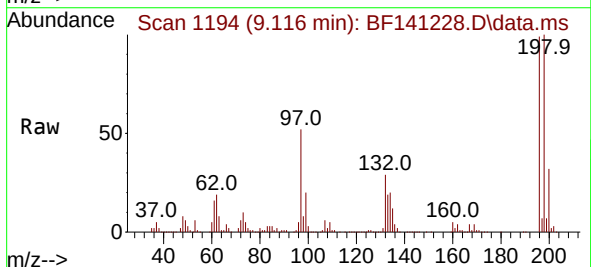
Ion Ratio Lower Upper

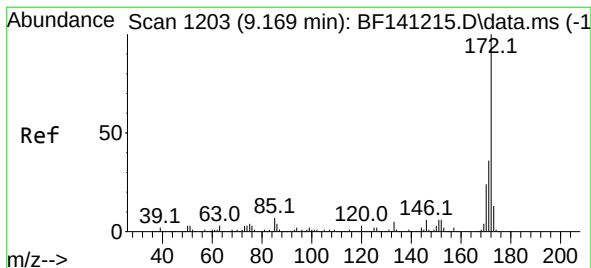
196 100

198 101.2 80.6 120.8

97 52.8 43.1 64.7

132 29.6 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 80.337 ng

RT: 9.163 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

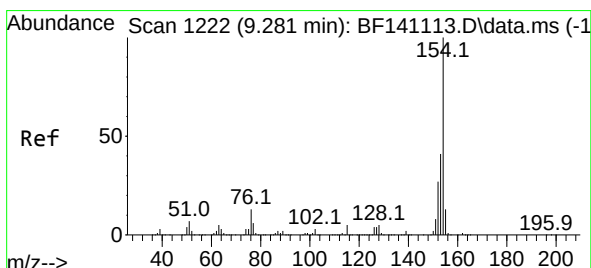
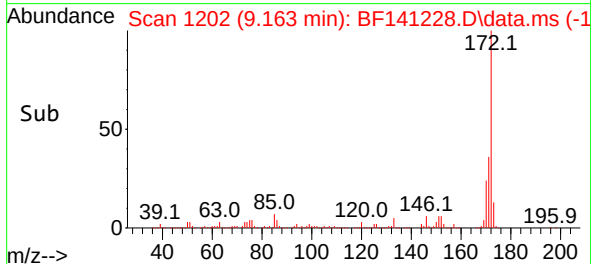
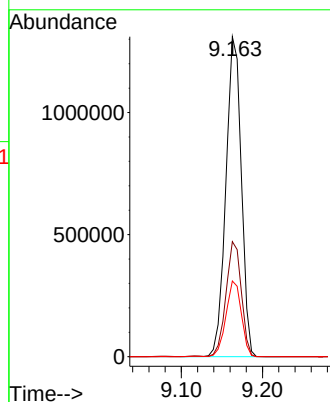
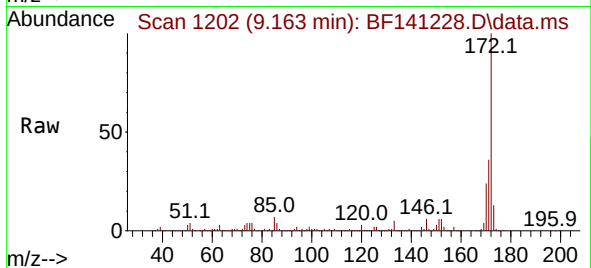
Tgt Ion:172 Resp: 1731592

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.161 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

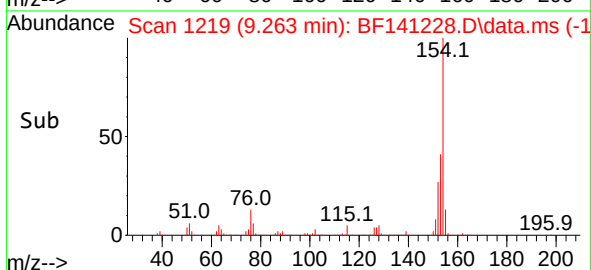
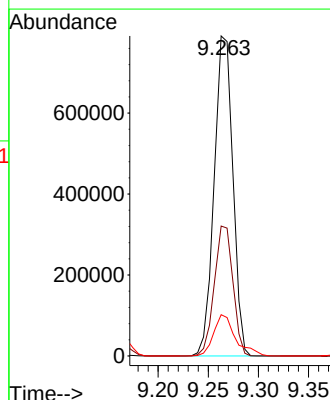
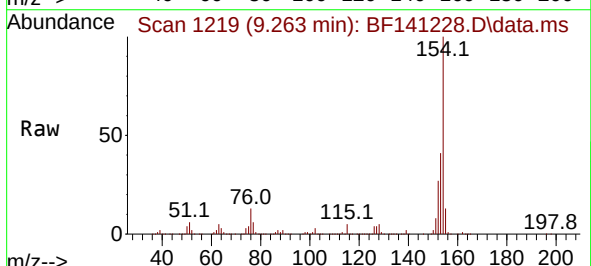
Tgt Ion:154 Resp: 1026573

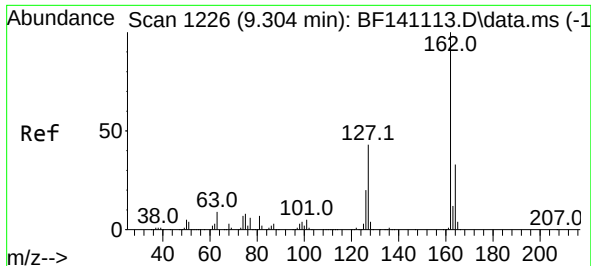
Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

76 12.9 0.0 33.1





#47

2-Chloronaphthalene

Concen: 40.283 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

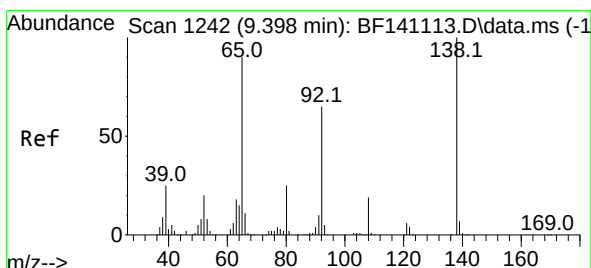
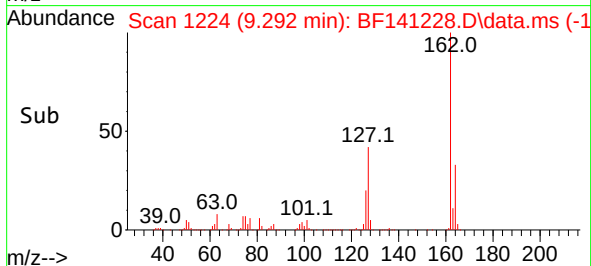
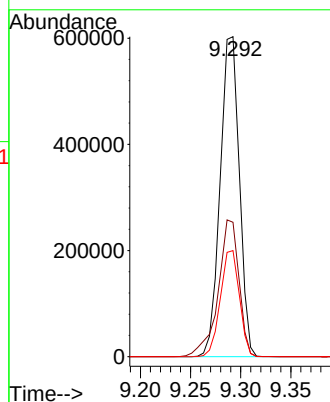
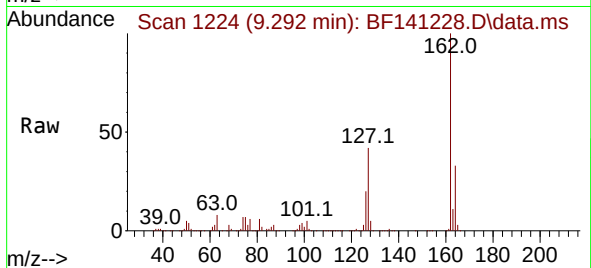
Tgt Ion:162 Resp: 801986

Ion Ratio Lower Upper

162 100

127 42.0 34.6 51.8

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 38.402 ng

RT: 9.386 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

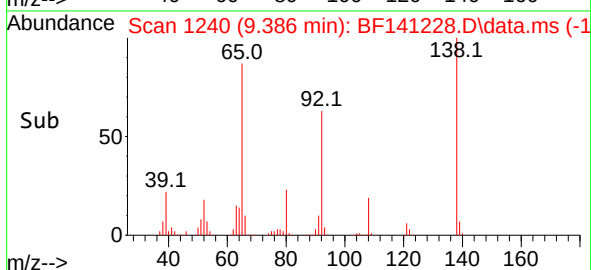
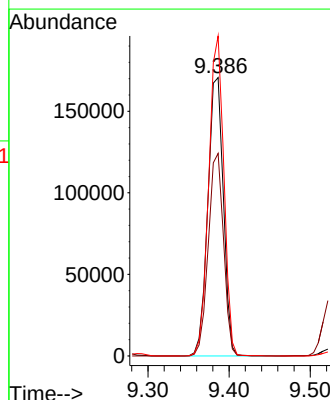
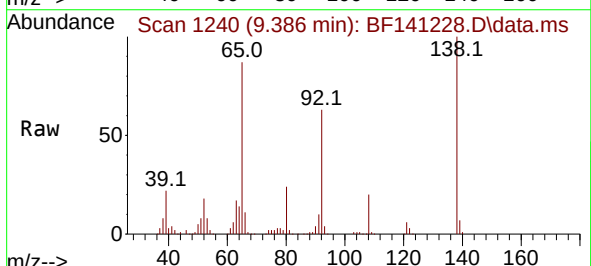
Tgt Ion: 65 Resp: 226635

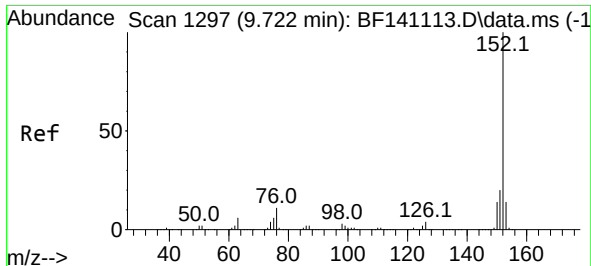
Ion Ratio Lower Upper

65 100

92 72.8 58.3 87.5

138 115.0 89.1 133.7





#49

Acenaphthylene

Concen: 39.190 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

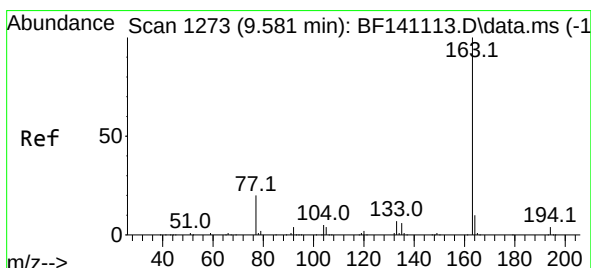
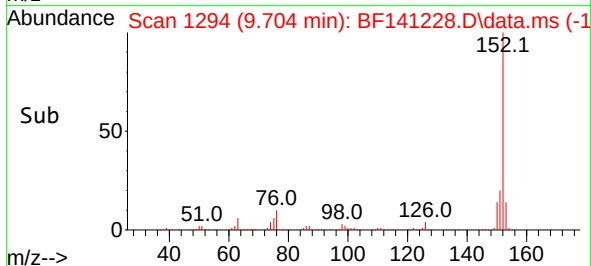
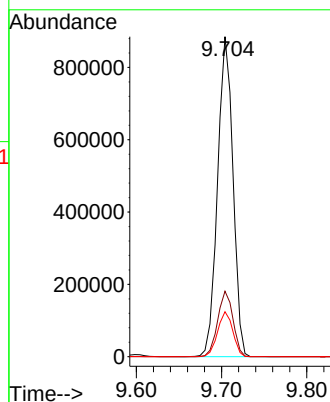
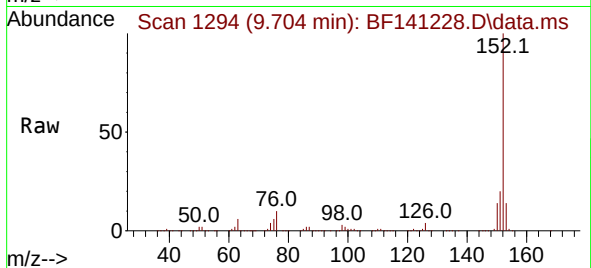
Tgt Ion:152 Resp: 1114711

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 38.756 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

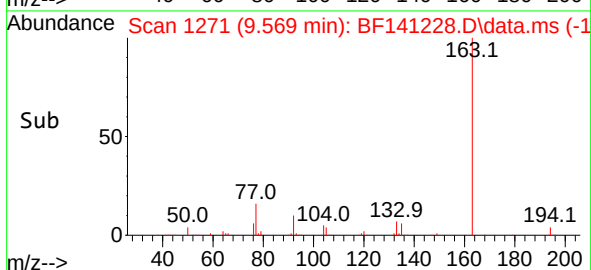
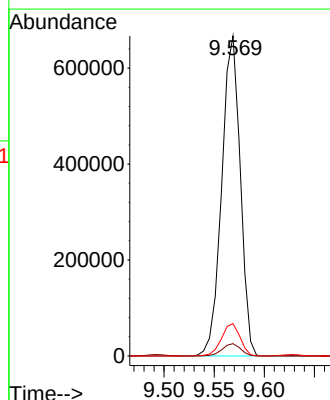
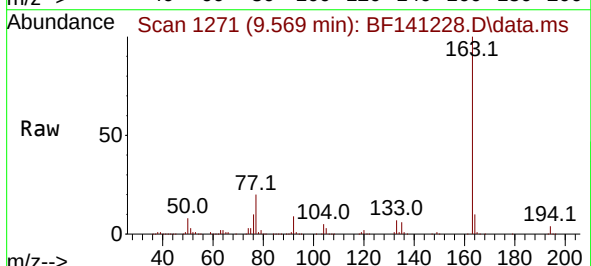
Tgt Ion:163 Resp: 856372

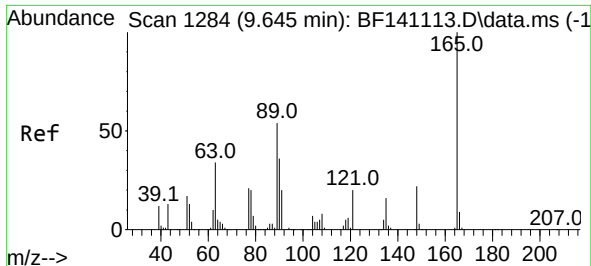
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.2 12.4

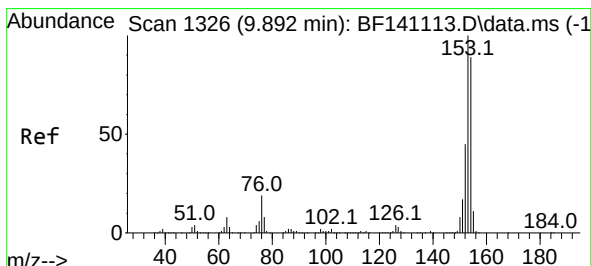
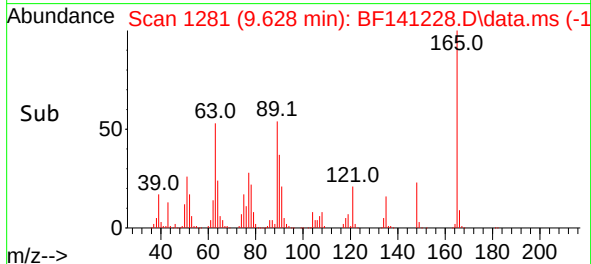
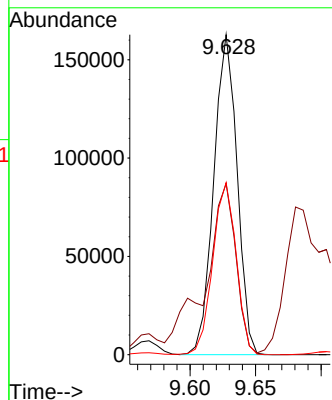
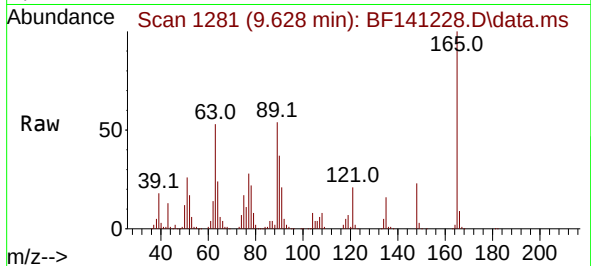




#51
2,6-Dinitrotoluene
Concen: 39.139 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

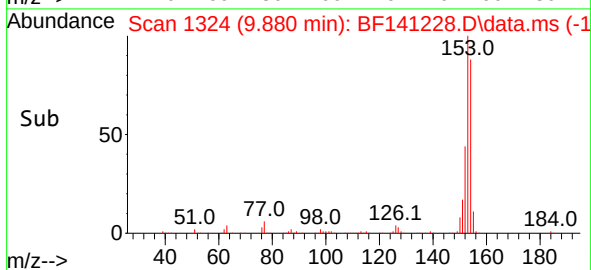
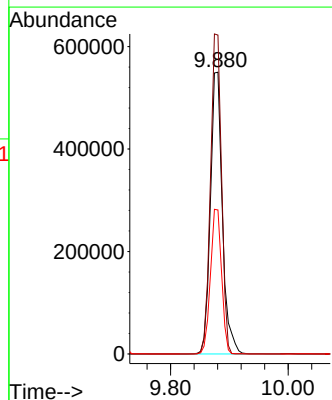
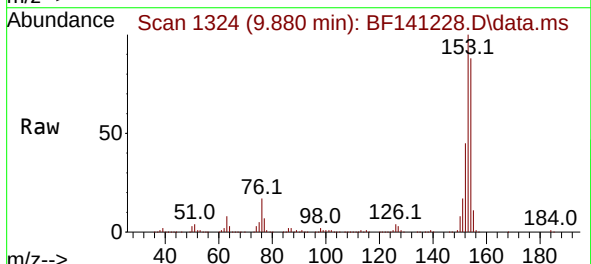
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

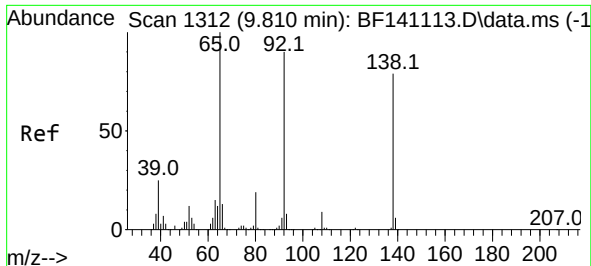
Tgt Ion:165 Resp: 201117
Ion Ratio Lower Upper
165 100
63 53.5 42.3 63.5
89 53.7 43.1 64.7



#52
Acenaphthene
Concen: 39.218 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:154 Resp: 779350
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.6
152 51.1 40.8 61.2

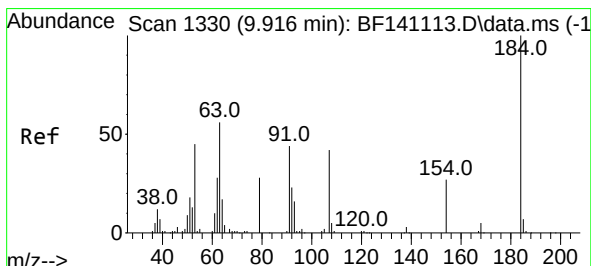
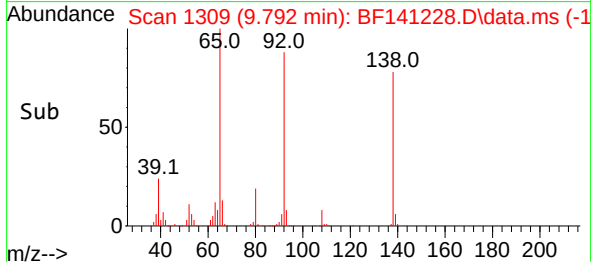
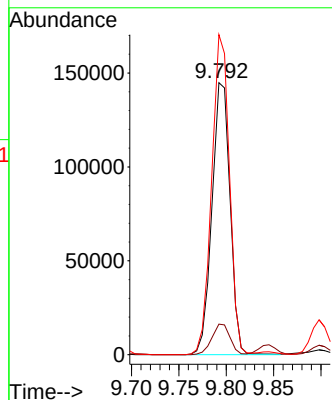
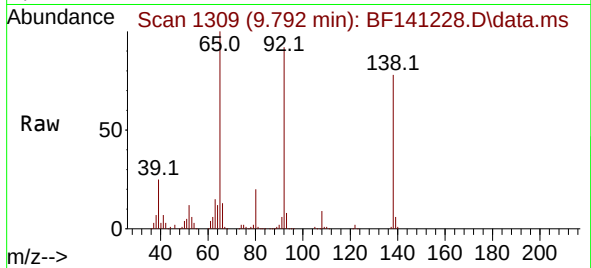




#53
3-Nitroaniline
Concen: 36.934 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

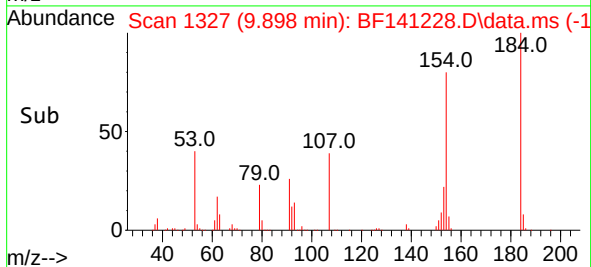
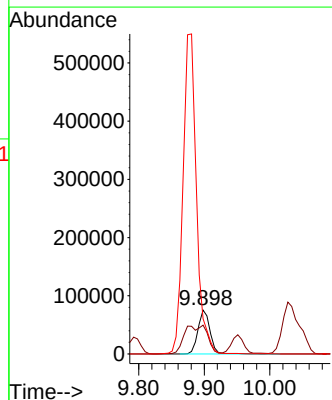
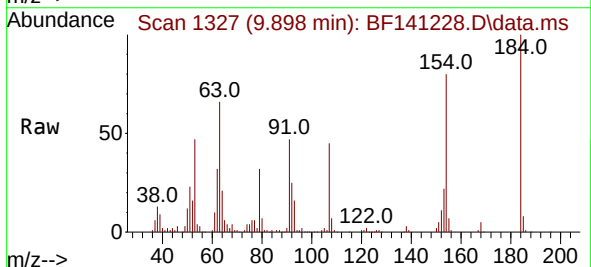
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

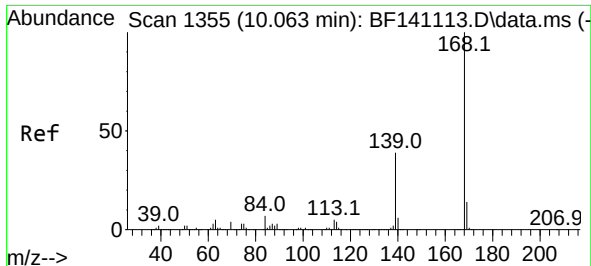
Tgt Ion:138 Resp: 192859
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 117.6 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 39.326 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:184 Resp: 96050
Ion Ratio Lower Upper
184 100
63 65.6 48.7 73.1
154 80.3 57.1 85.7

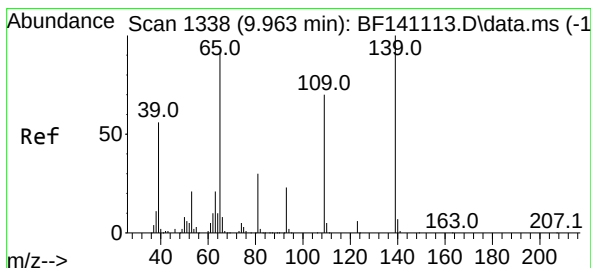
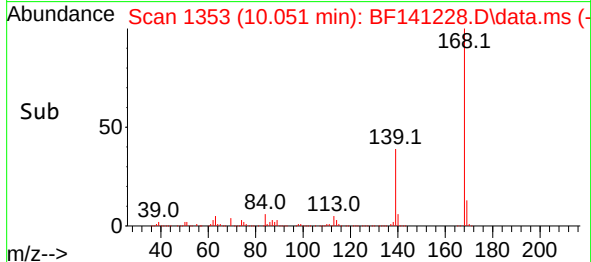
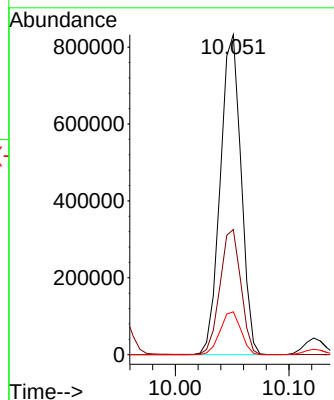
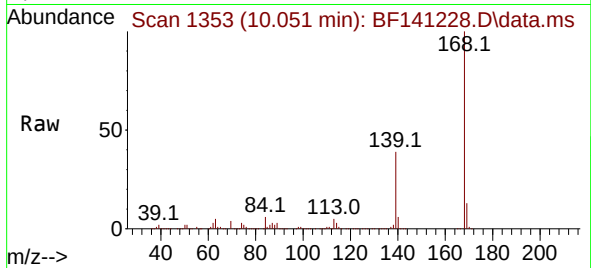




#55
Dibenzenofuran
Concen: 39.232 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

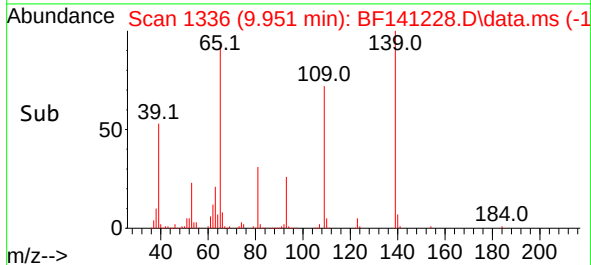
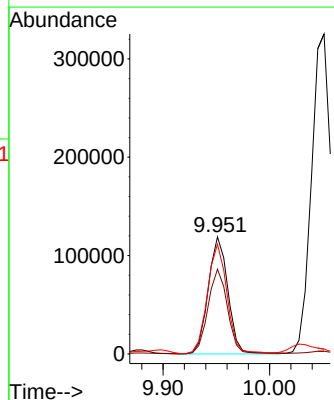
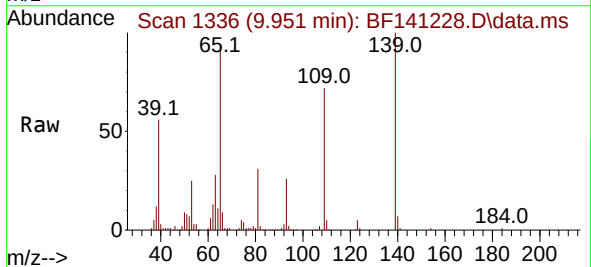
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

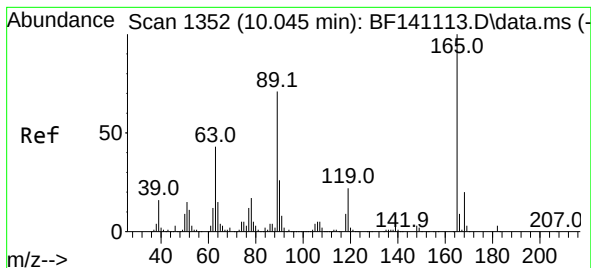
Tgt Ion:168 Resp: 1060456
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.0
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 37.432 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:139 Resp: 153080
Ion Ratio Lower Upper
139 100
109 72.5 50.2 90.2
65 93.7 72.1 112.1

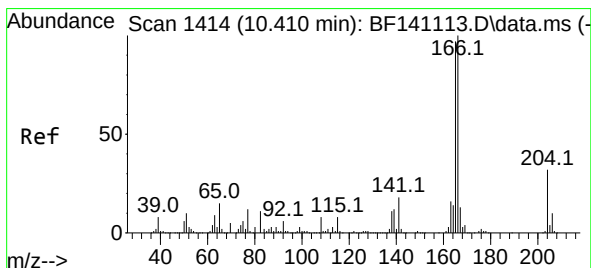
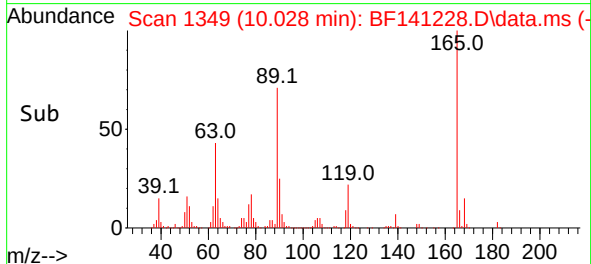
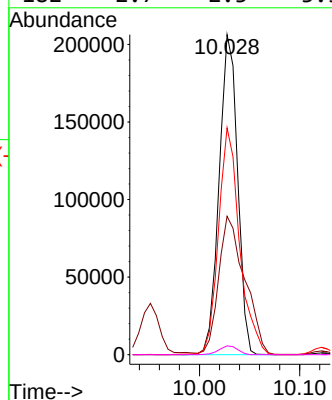
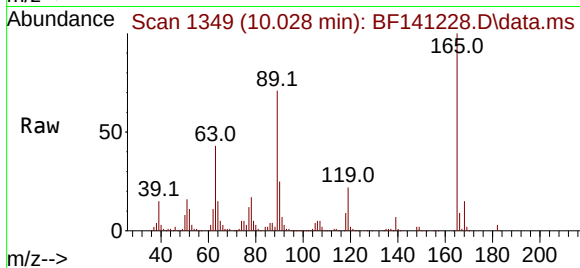




#57
2,4-Dinitrotoluene
Concen: 39.660 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

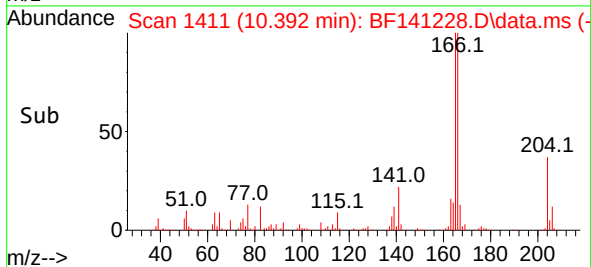
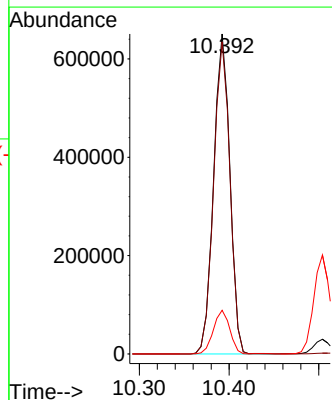
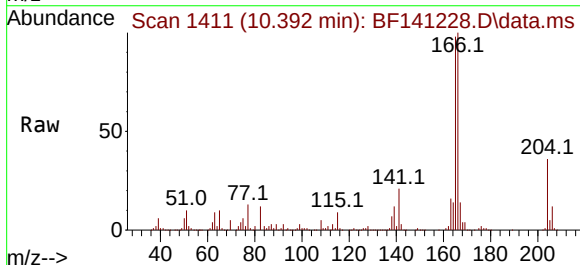
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

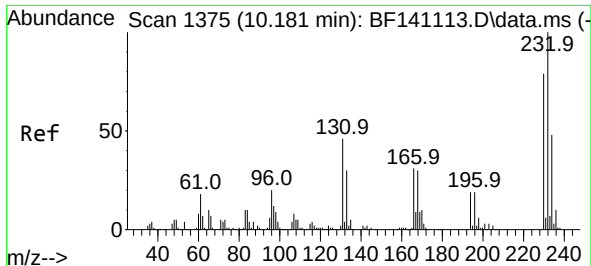
Tgt Ion:	165	Resp:	262633
Ion	Ratio	Lower	Upper
165	100		
63	43.2	35.0	52.4
89	70.9	56.7	85.1
182	2.7	2.3	3.5



#58
Fluorene
Concen: 38.938 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:	166	Resp:	817695
Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.8
167	13.7	10.8	16.2

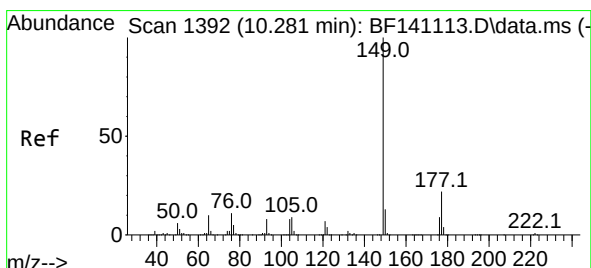
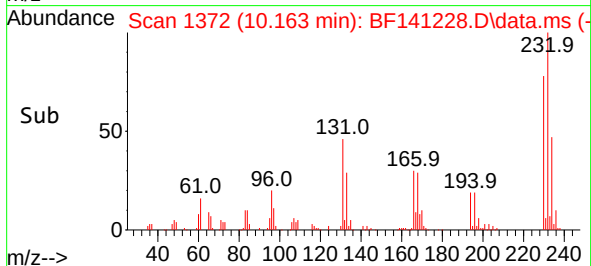
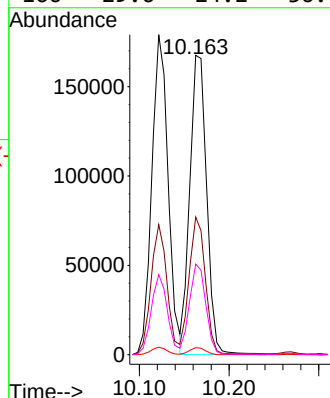
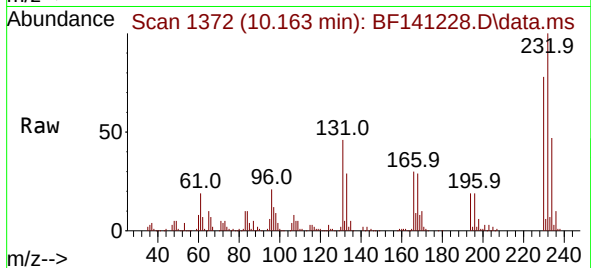




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.998 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

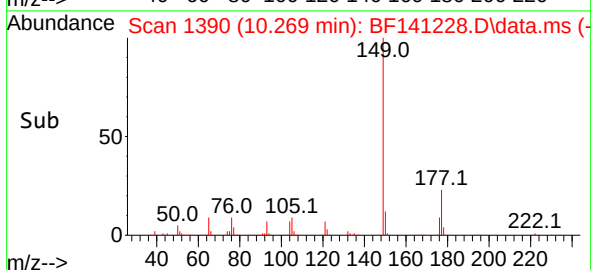
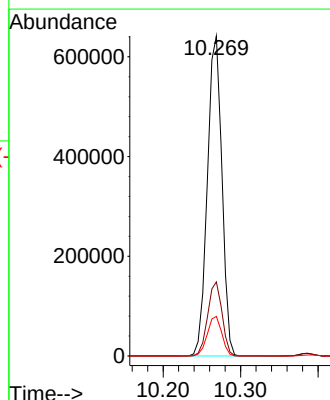
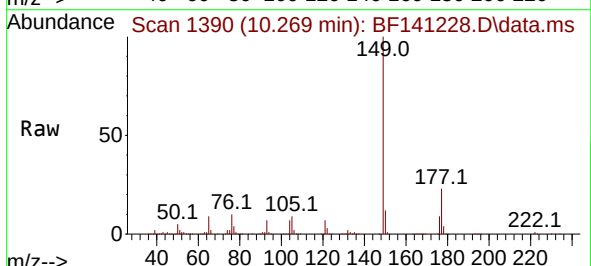
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

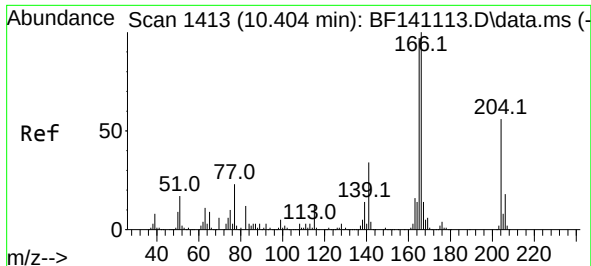
Tgt Ion:232 Resp: 218123
Ion Ratio Lower Upper
232 100
131 44.3 36.2 54.4
130 2.2 2.0 3.0
166 29.6 24.2 36.4



#60
Diethylphthalate
Concen: 38.709 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:149 Resp: 835017
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.3 10.2 15.2

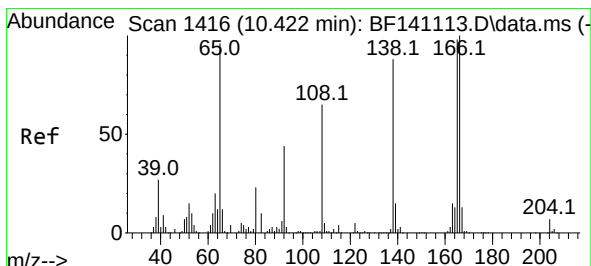
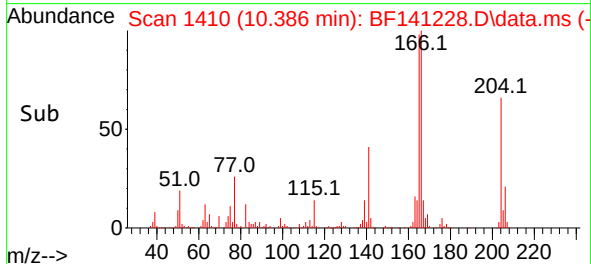
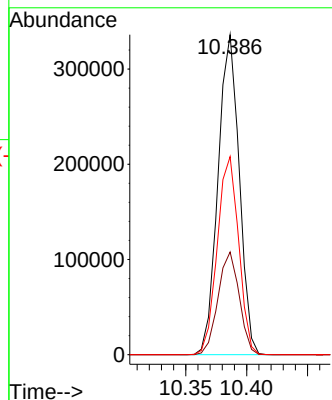
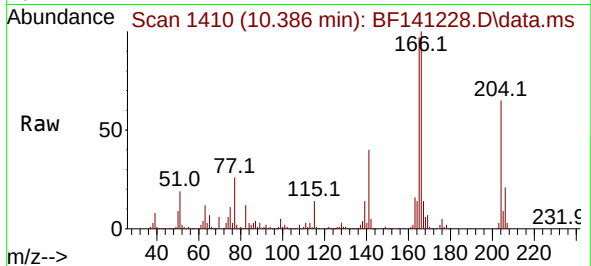




#61
4-Chlorophenyl-phenylether
Concen: 39.794 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

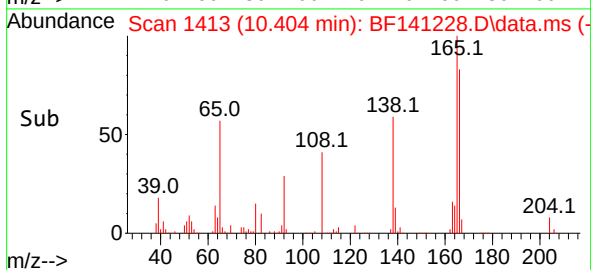
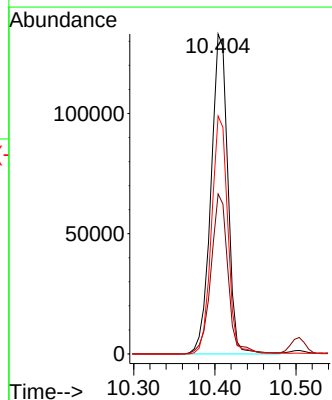
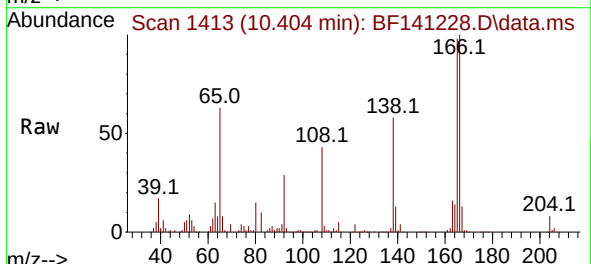
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

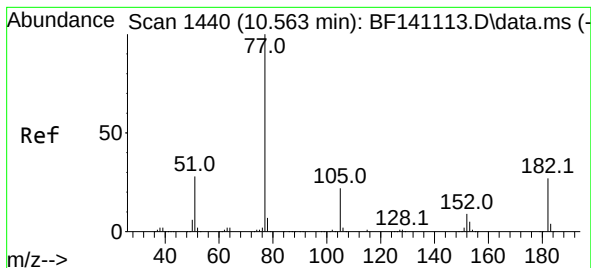
Tgt Ion:204 Resp: 407293
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 61.9 49.1 73.7



#62
4-Nitroaniline
Concen: 37.495 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:138 Resp: 191629
Ion Ratio Lower Upper
138 100
92 50.0 29.4 69.4
108 74.3 53.7 93.7





#63

Azobenzene

Concen: 37.667 ng

RT: 10.545 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 801762

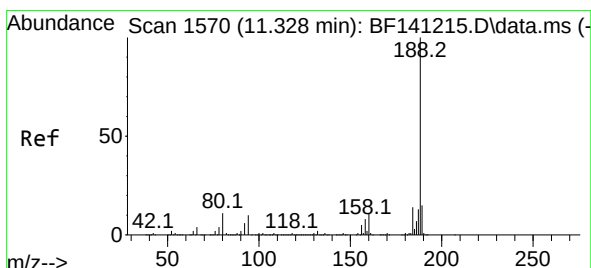
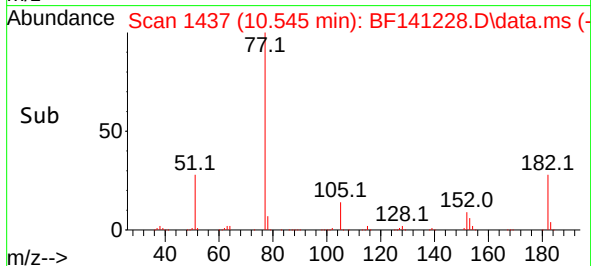
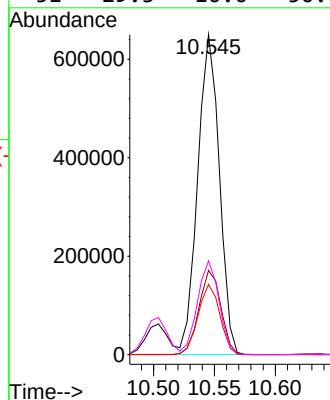
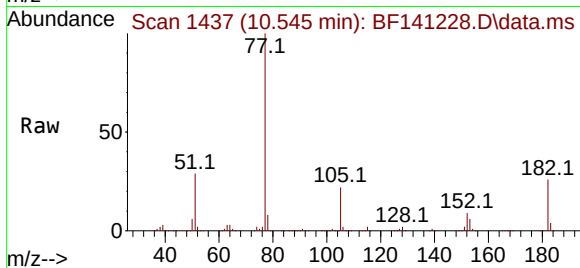
Ion Ratio Lower Upper

77 100

182 26.3 6.1 46.1

105 21.9 2.1 42.1

51 29.3 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

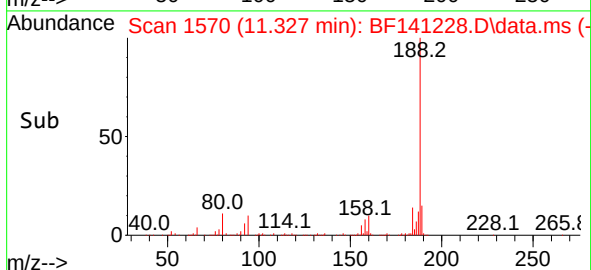
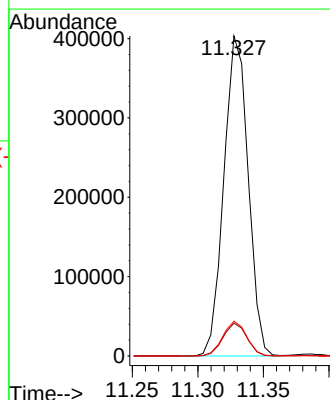
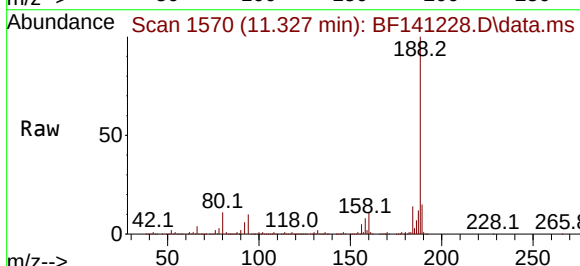
Tgt Ion:188 Resp: 519210

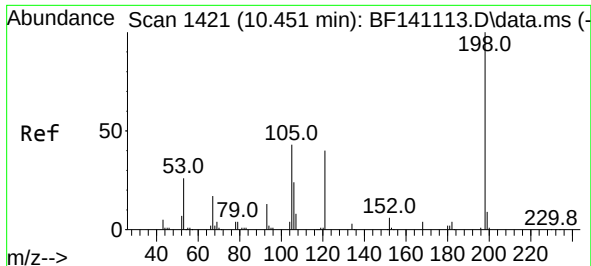
Ion Ratio Lower Upper

188 100

94 10.3 8.3 12.5

80 10.9 9.0 13.4

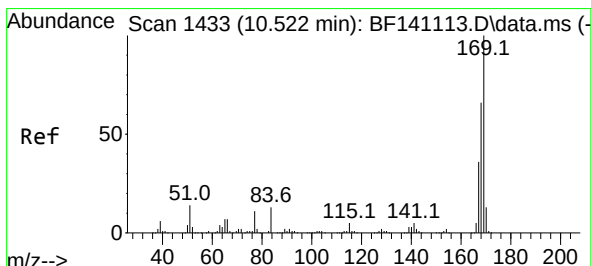
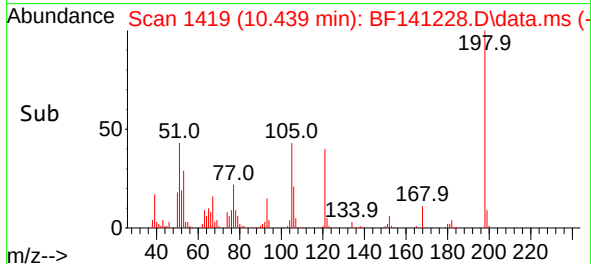
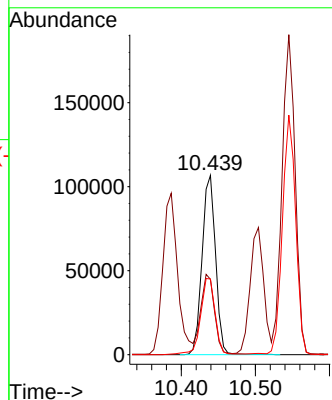
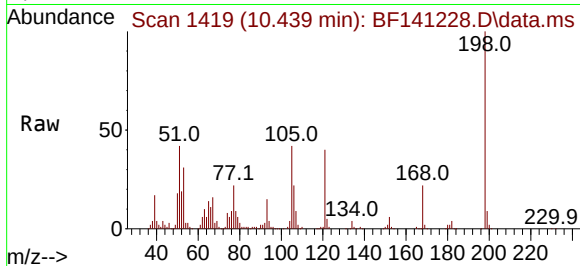




#65
4,6-Dinitro-2-methylphenol
Concen: 44.869 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

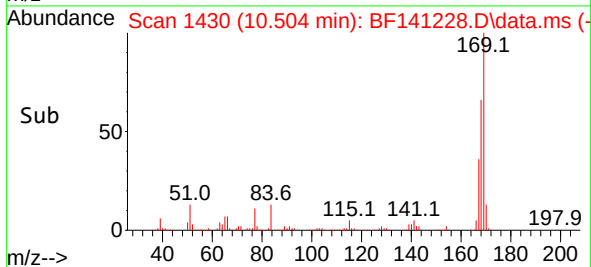
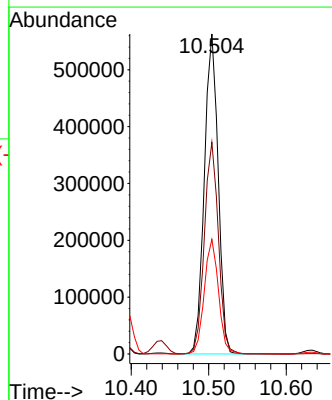
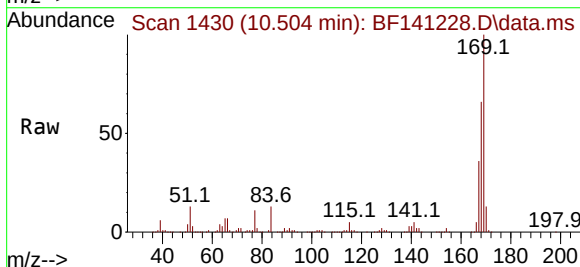
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

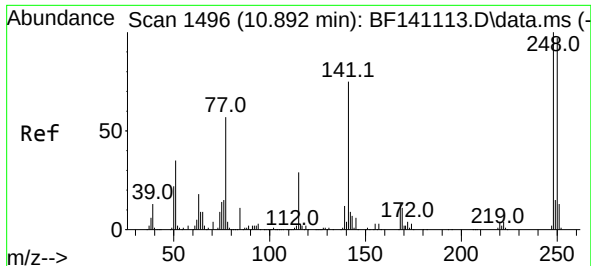
Tgt Ion:198 Resp: 134997
Ion Ratio Lower Upper
198 100
51 42.0 27.1 67.1
105 42.2 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 41.652 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:169 Resp: 697534
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 35.8 28.9 43.3

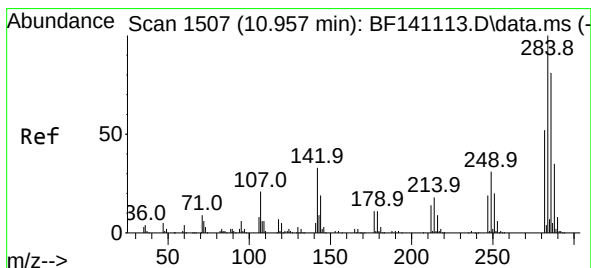
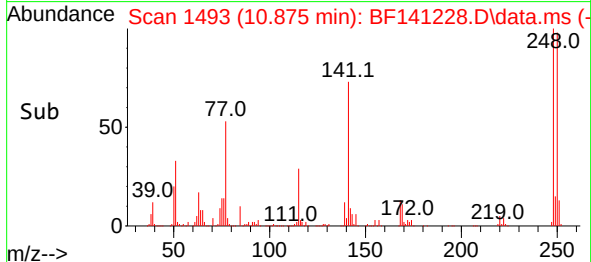
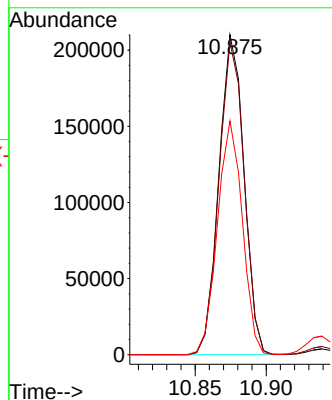
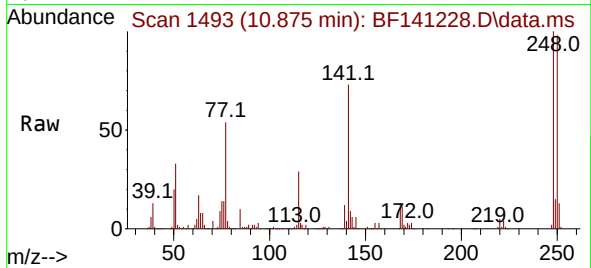




#67
4-Bromophenyl-phenylether
Concen: 43.281 ng
RT: 10.875 min Scan# 1493
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

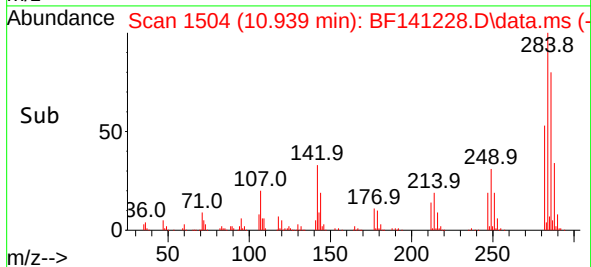
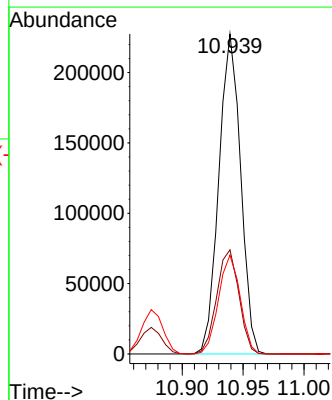
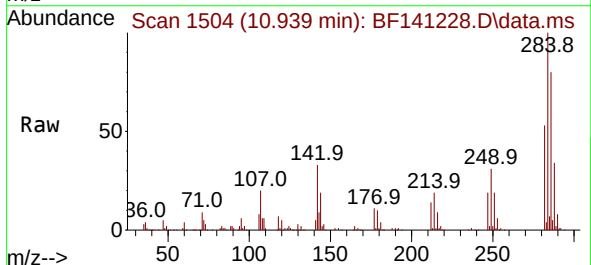
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

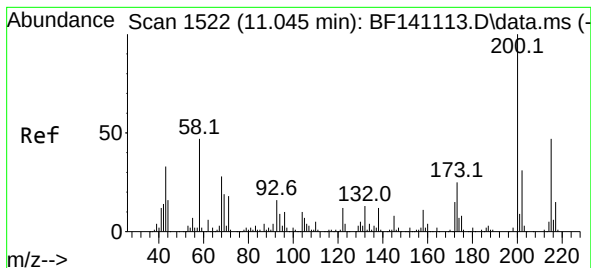
Tgt Ion:248 Resp: 258718
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 73.1 59.9 89.9



#68
Hexachlorobenzene
Concen: 42.516 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:284 Resp: 282913
Ion Ratio Lower Upper
284 100
142 32.5 26.3 39.5
249 30.9 24.9 37.3





#69

Atrazine

Concen: 43.879 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

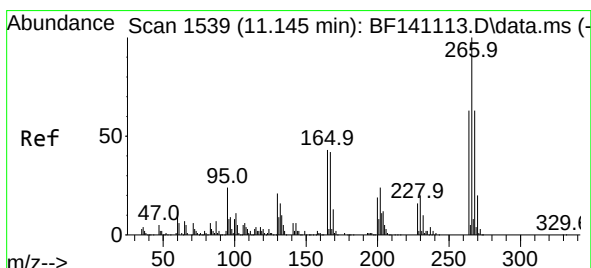
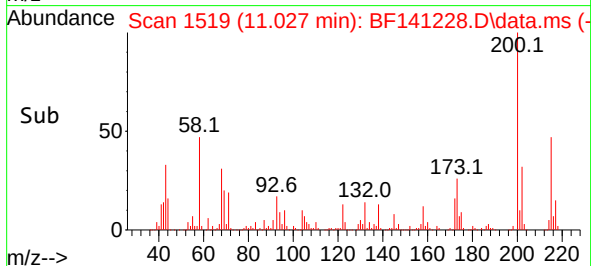
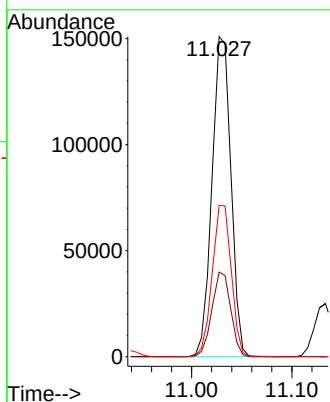
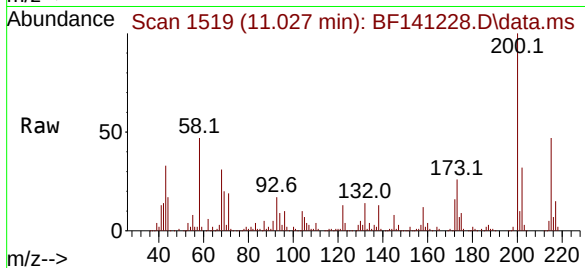
Tgt Ion:200 Resp: 197858

Ion Ratio Lower Upper

200 100

173 26.5 5.4 45.4

215 47.3 26.6 66.6



#70

Pentachlorophenol

Concen: 42.403 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

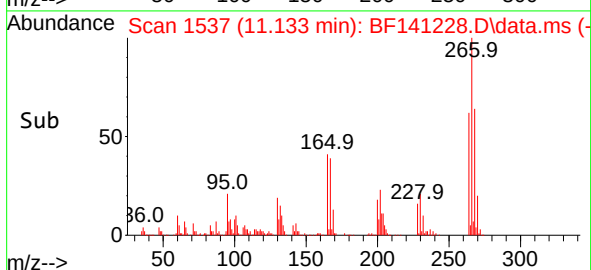
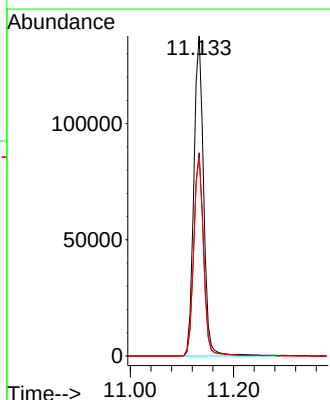
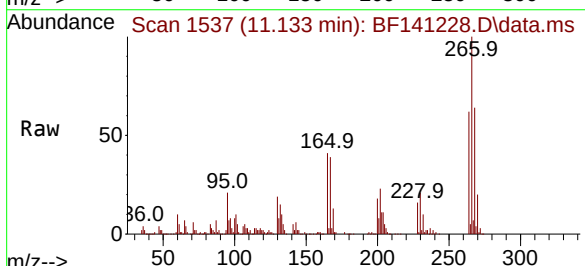
Tgt Ion:266 Resp: 180696

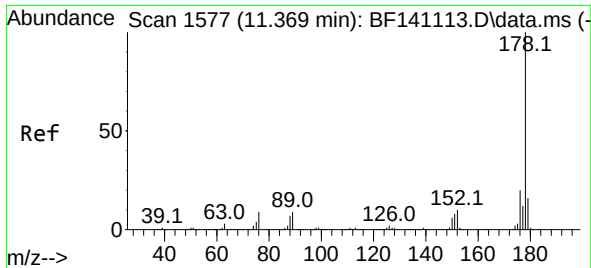
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 62.1 50.2 75.2

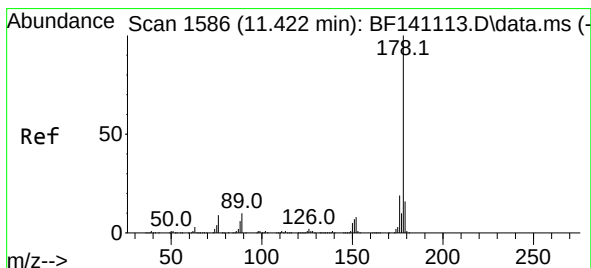
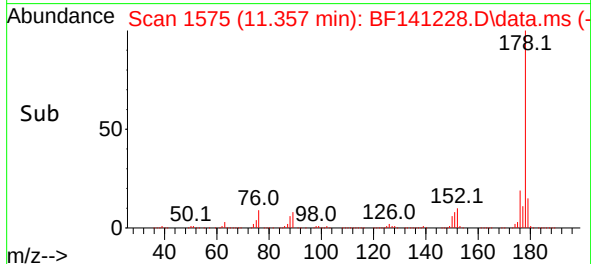
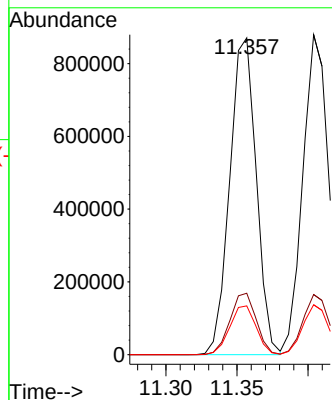
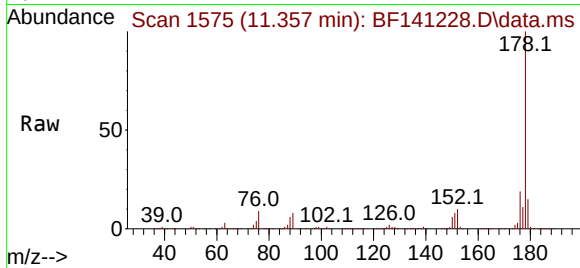




#71
Phenanthrene
Concen: 40.645 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

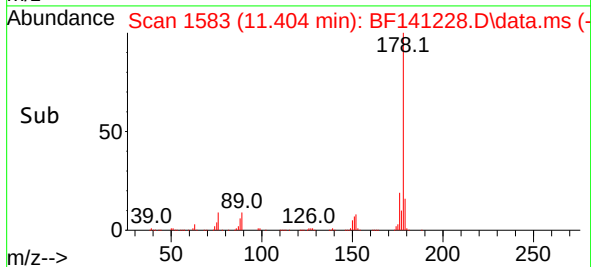
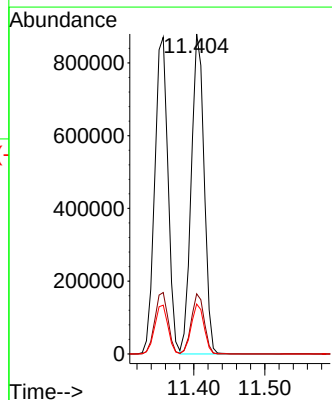
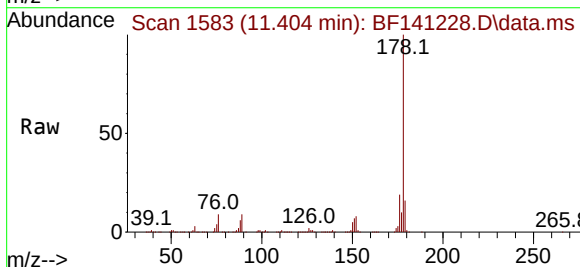
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

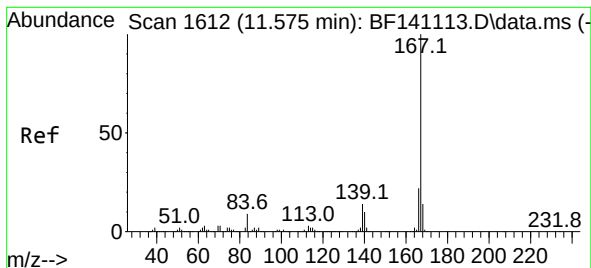
Tgt Ion:178 Resp: 1132981
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.4 12.6 19.0



#72
Anthracene
Concen: 40.818 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:178 Resp: 1106323
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.6 12.6 19.0





#73

Carbazole

Concen: 39.992 ng

RT: 11.563 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

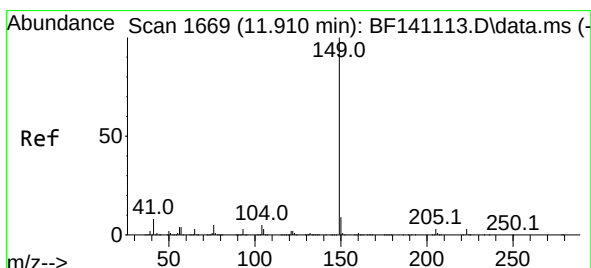
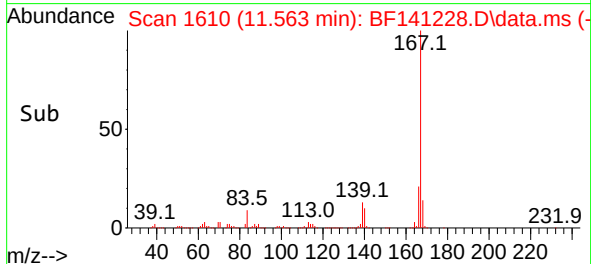
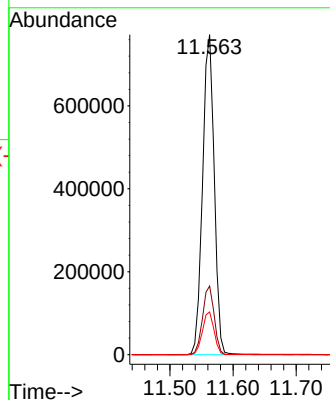
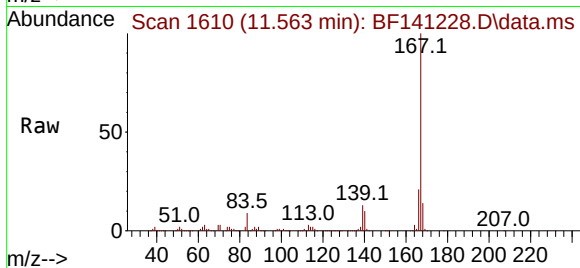
Tgt Ion:167 Resp: 993891

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 41.760 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

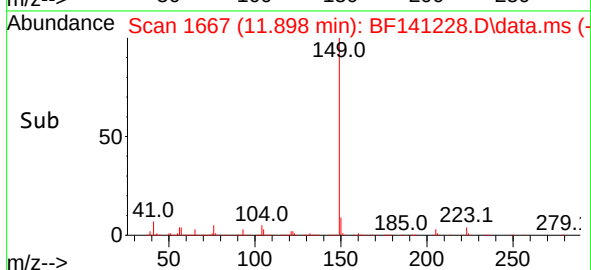
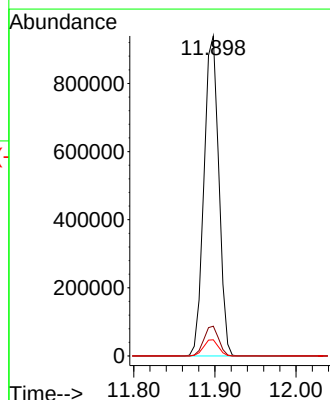
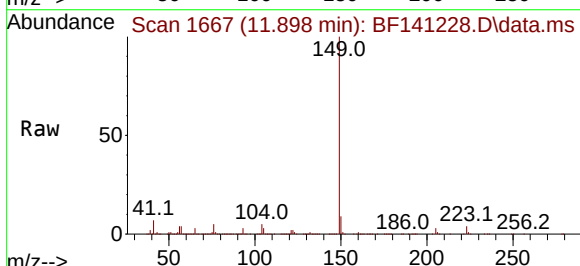
Tgt Ion:149 Resp: 1187730

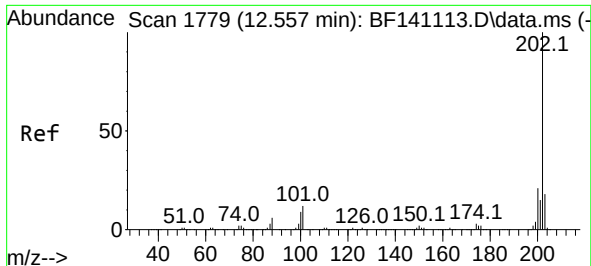
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.2 6.2

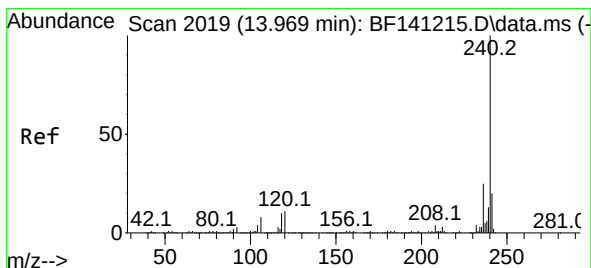
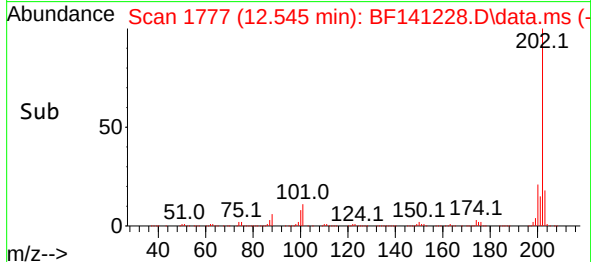
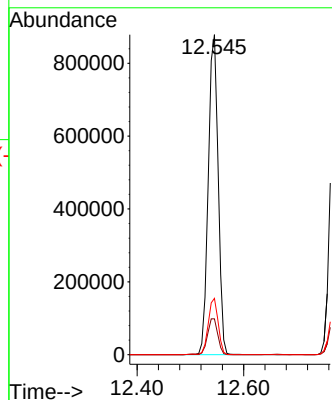
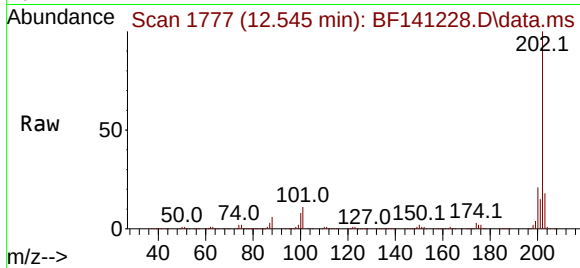




#75
Fluoranthene
Concen: 40.568 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

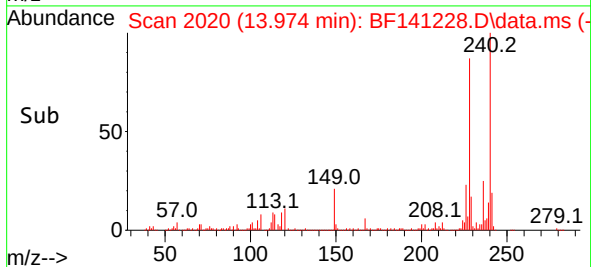
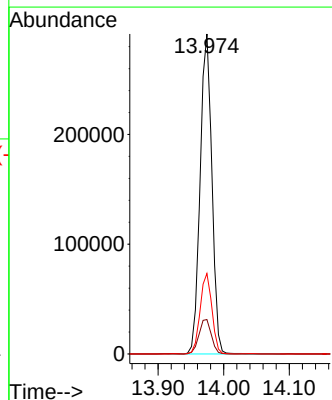
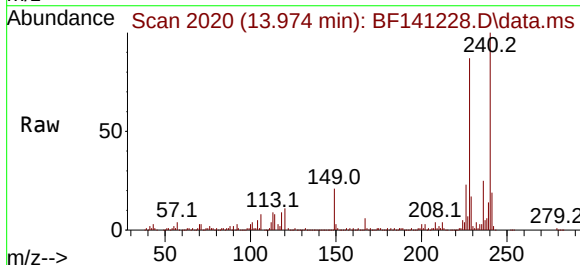
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

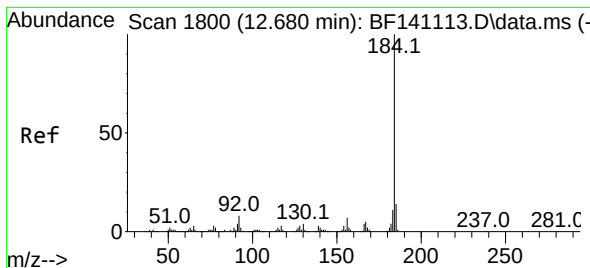
Tgt Ion:202 Resp: 1128453
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.3
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:240 Resp: 364333
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.2 19.8 29.6





#77

Benzidine

Concen: 27.345 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

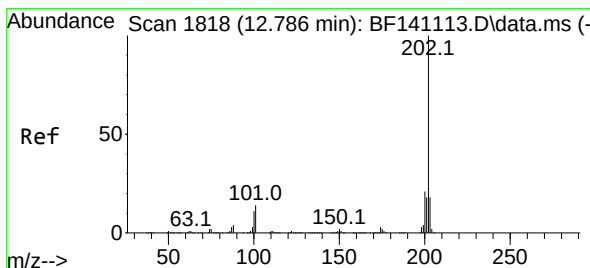
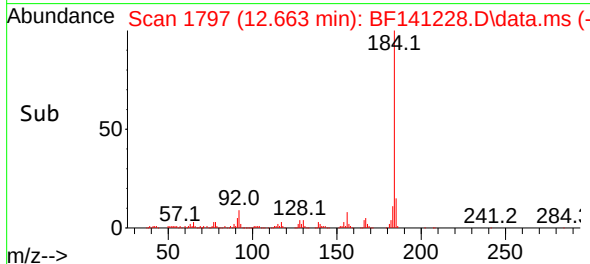
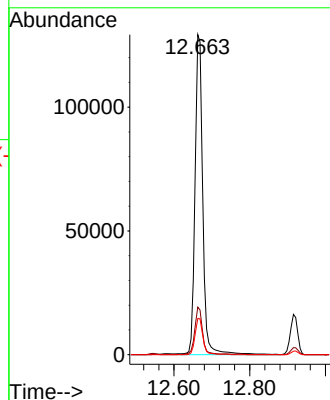
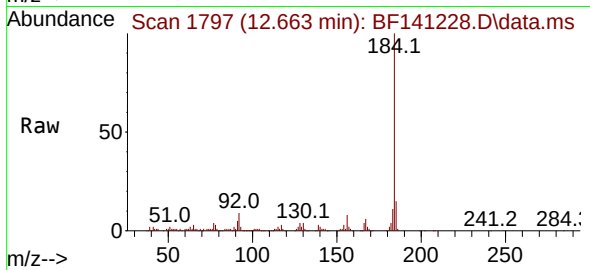
Tgt Ion:184 Resp: 184755

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 32.652 ng

RT: 12.774 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

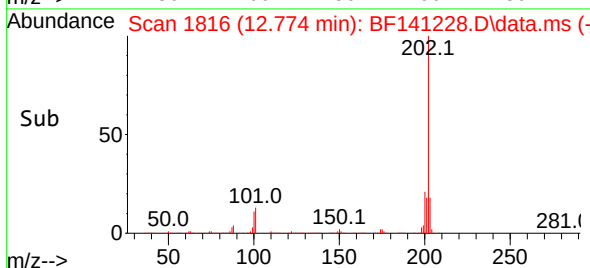
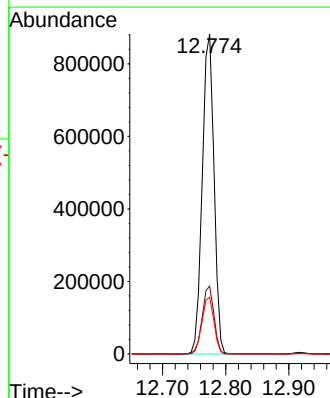
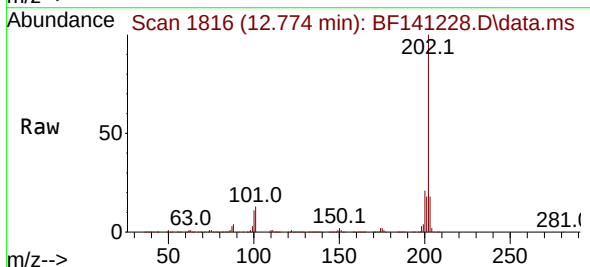
Tgt Ion:202 Resp: 1136254

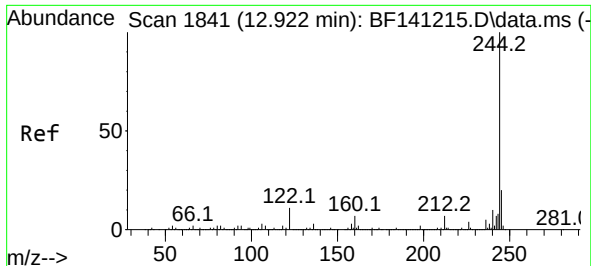
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.8 14.3 21.5

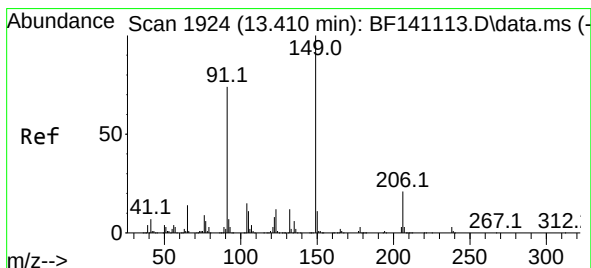
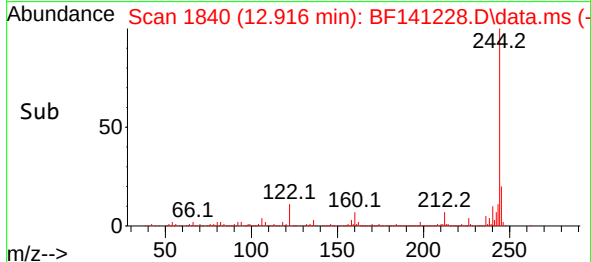
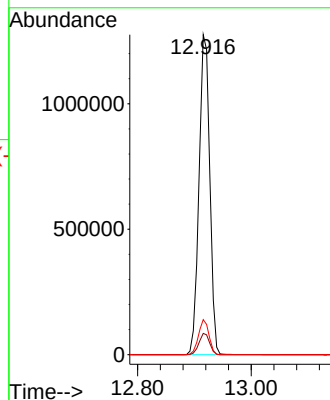
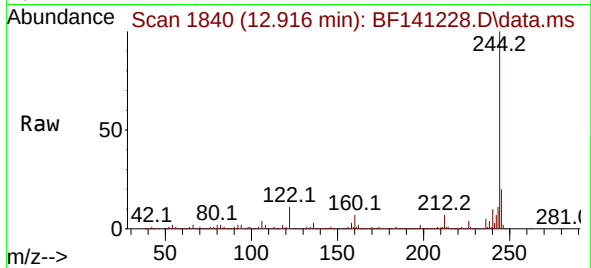




#79
 Terphenyl-d14
 Concen: 68.648 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF141228.D
 Acq: 21 Jan 2025 11:44

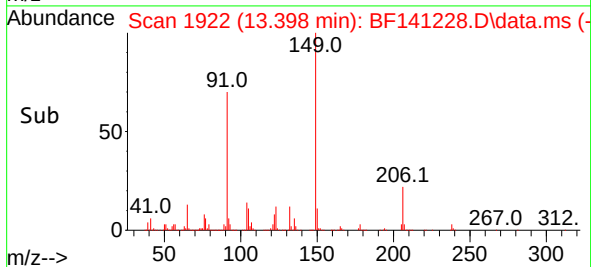
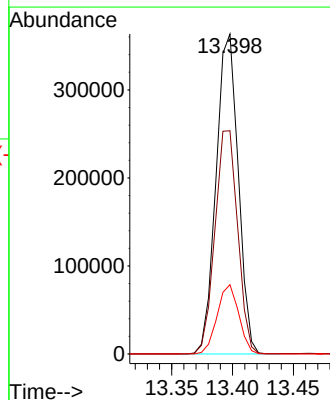
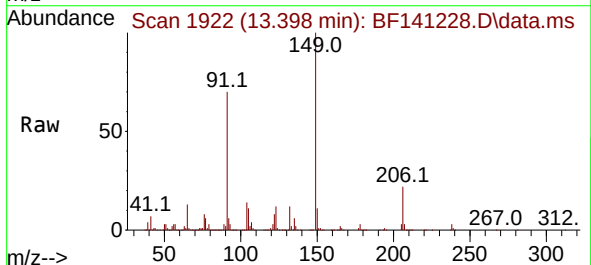
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

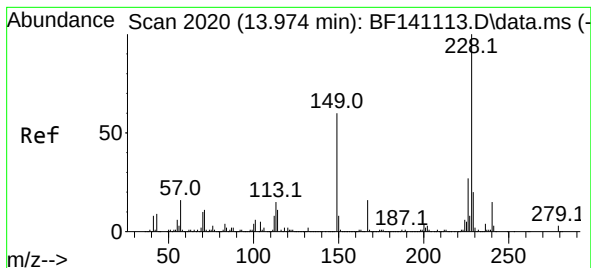
Tgt Ion:244 Resp: 1682751
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.0 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 39.722 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141228.D
 Acq: 21 Jan 2025 11:44

Tgt Ion:149 Resp: 460856
 Ion Ratio Lower Upper
 149 100
 91 69.8 59.0 88.6
 206 21.7 16.5 24.7





#81

Benzo(a)anthracene

Concen: 37.817 ng

RT: 13.963 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

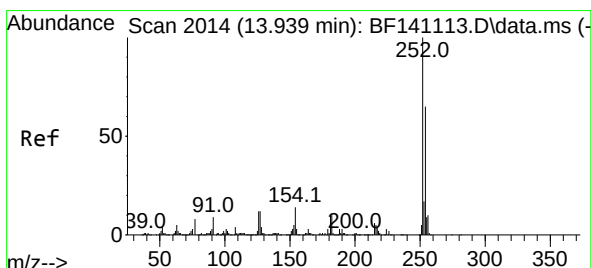
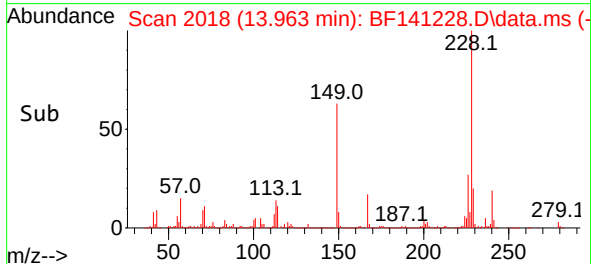
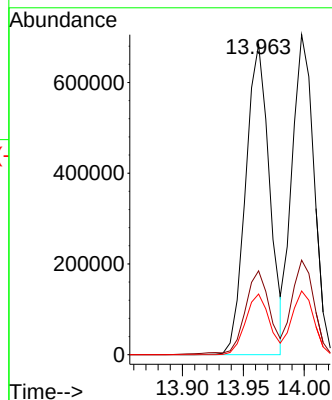
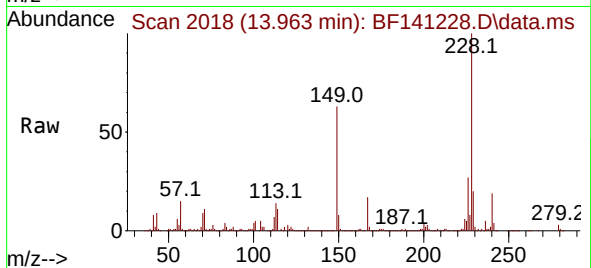
Tgt Ion:228 Resp: 937659

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 39.521 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

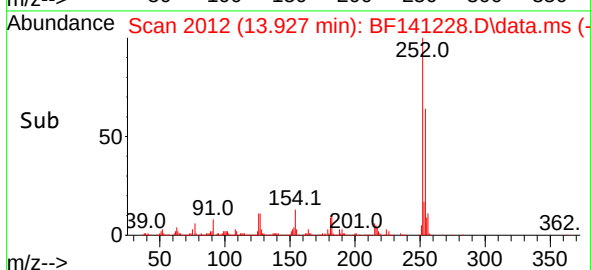
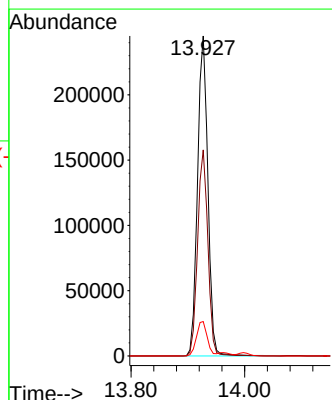
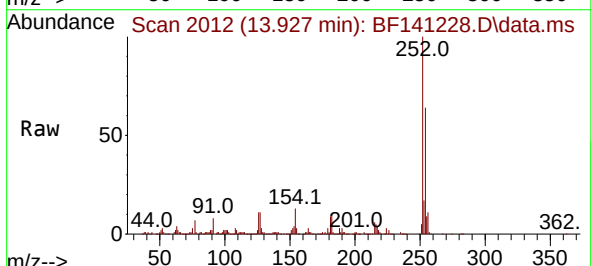
Tgt Ion:252 Resp: 312028

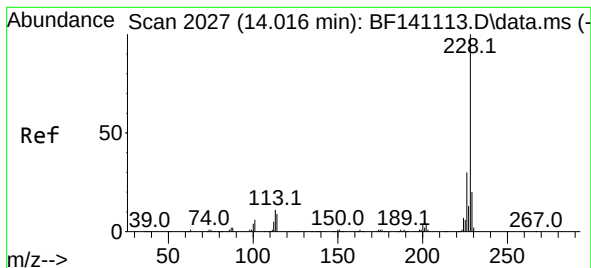
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 10.8 9.4 14.0





#83

Chrysene

Concen: 38.140 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

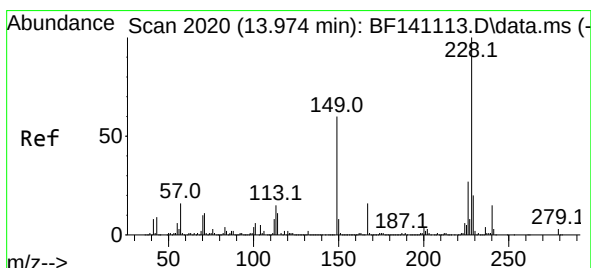
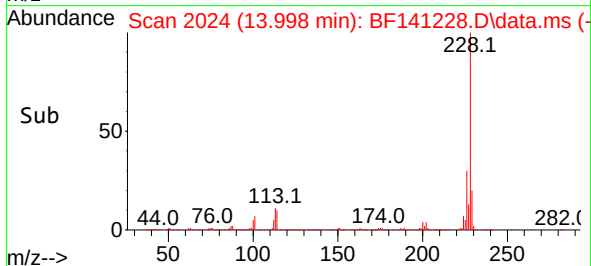
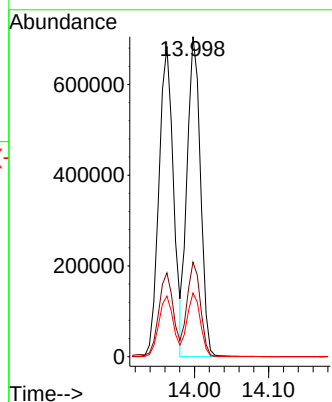
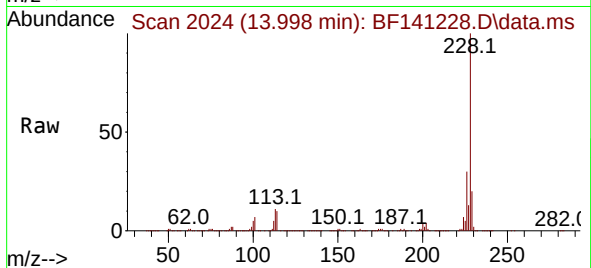
Tgt Ion:228 Resp: 884867

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.957 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

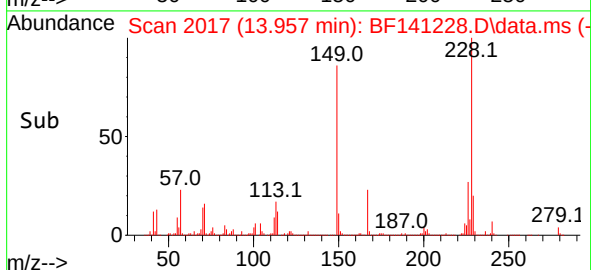
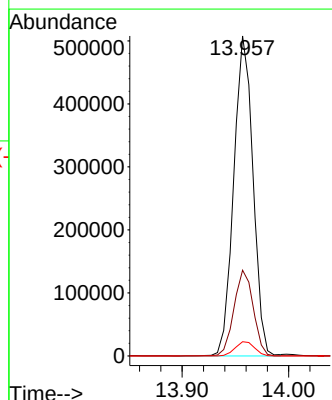
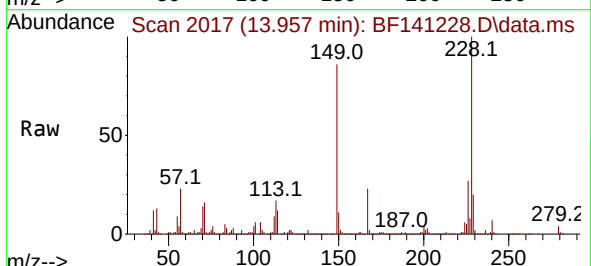
Tgt Ion:149 Resp: 639762

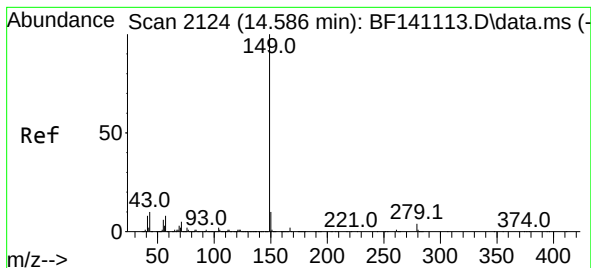
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.2

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 54.101 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.006 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

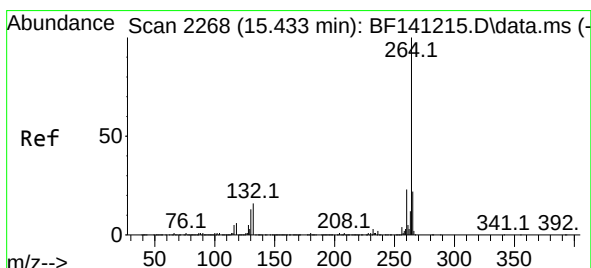
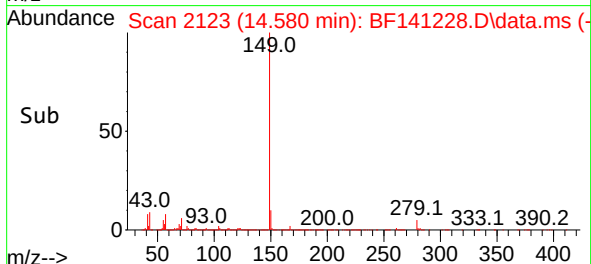
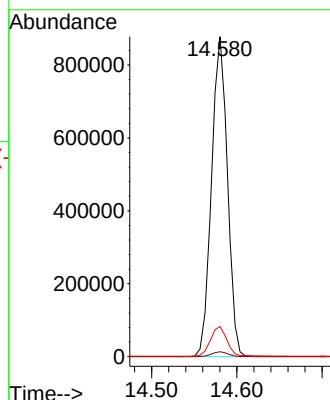
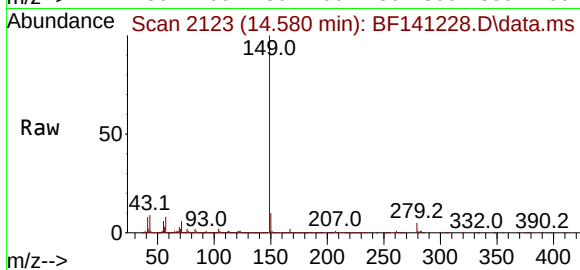
Tgt Ion:149 Resp: 1137277

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

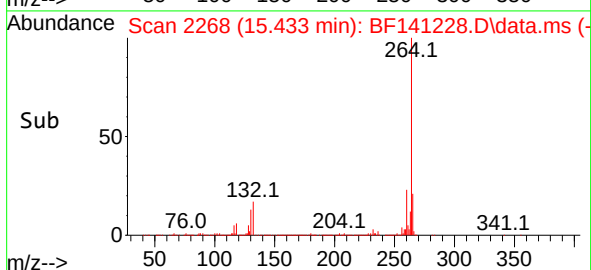
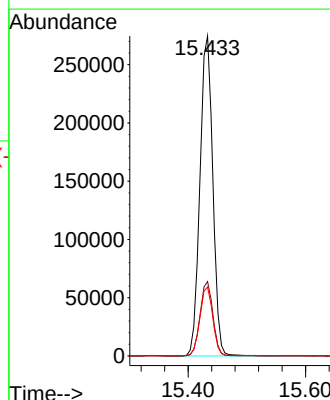
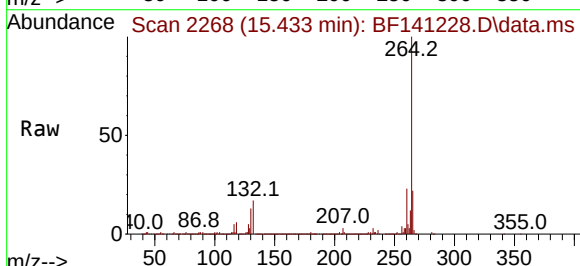
Tgt Ion:264 Resp: 416863

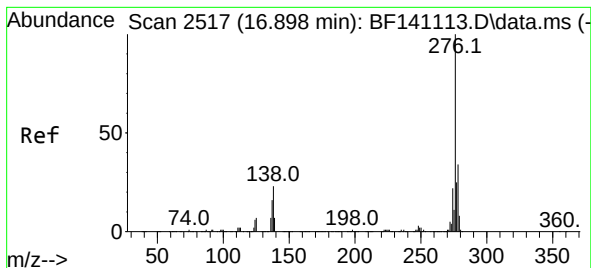
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.281 ng

RT: 16.880 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

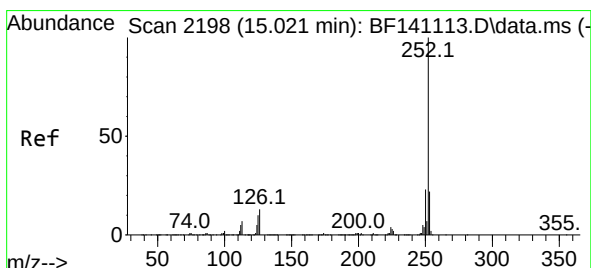
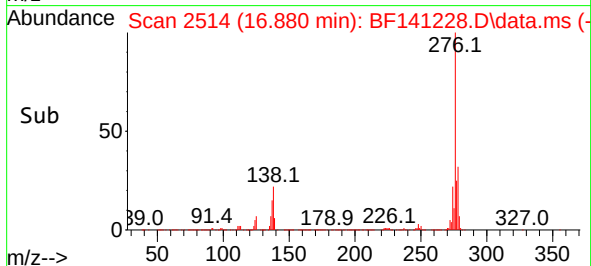
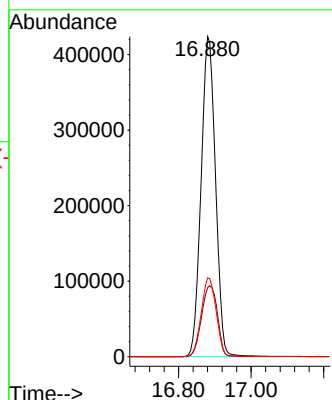
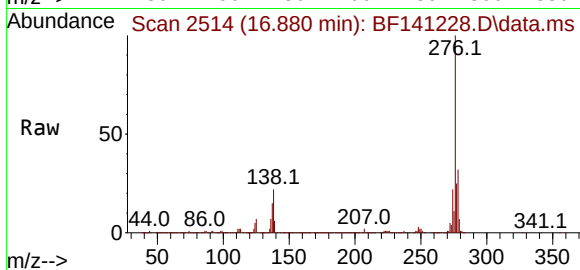
Tgt Ion:276 Resp: 1169112

Ion Ratio Lower Upper

276 100

138 24.4 20.7 31.1

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 40.355 ng

RT: 15.010 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

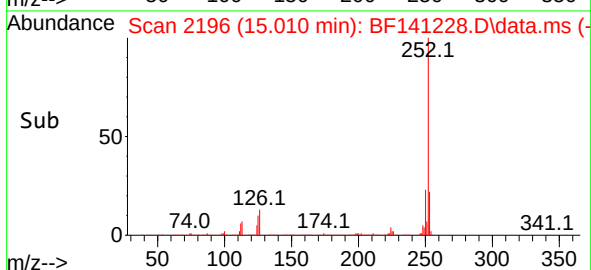
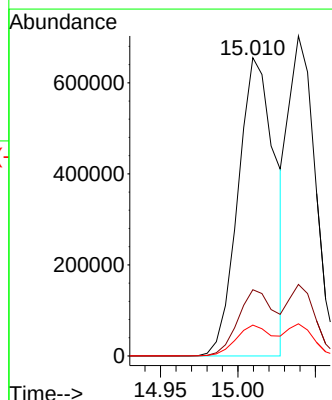
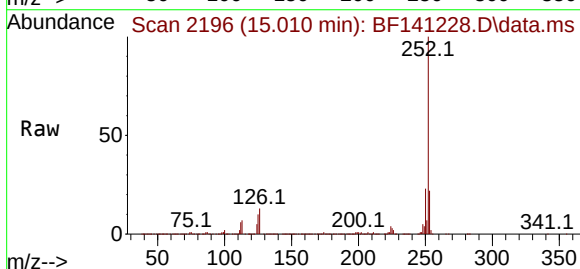
Tgt Ion:252 Resp: 1084768

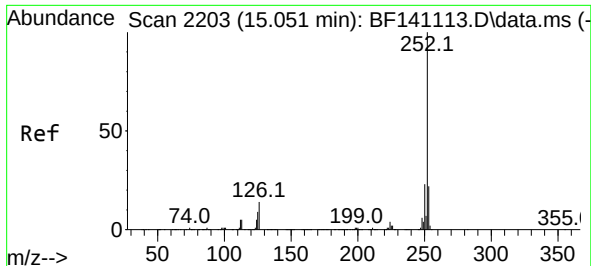
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.3 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 37.606 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

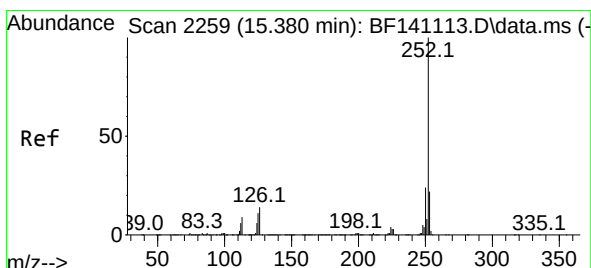
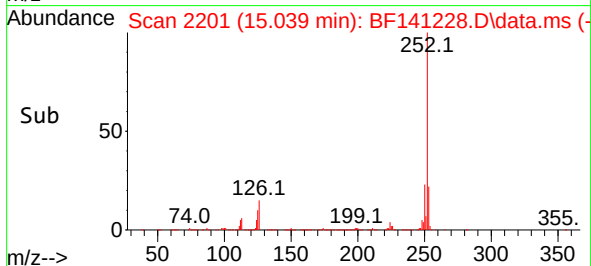
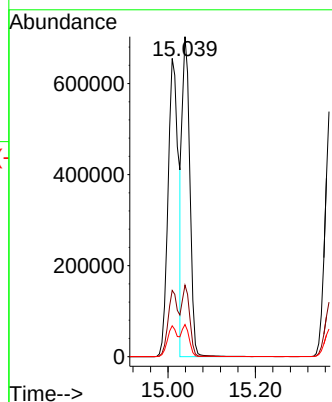
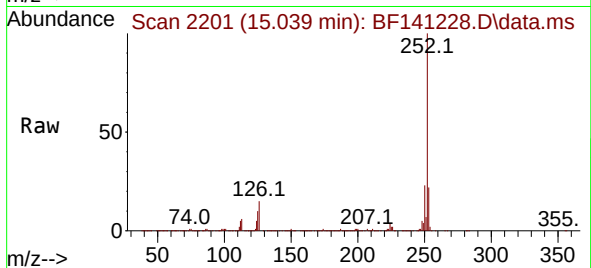
Tgt Ion:252 Resp: 854268

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.1 7.9 11.9



#90

Benzo(a)pyrene

Concen: 39.517 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF141228.D

Acq: 21 Jan 2025 11:44

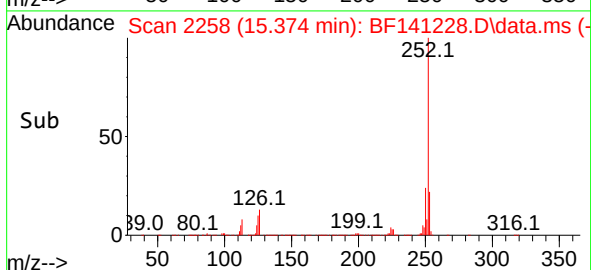
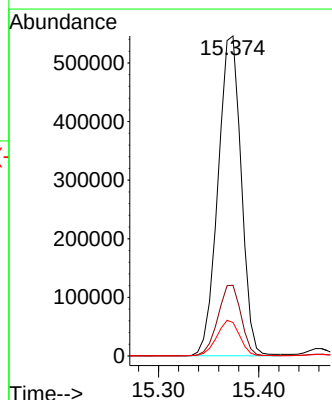
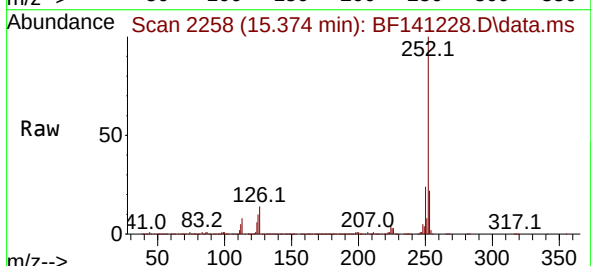
Tgt Ion:252 Resp: 876407

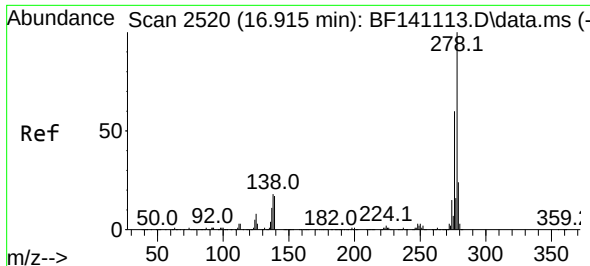
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.5 9.1 13.7

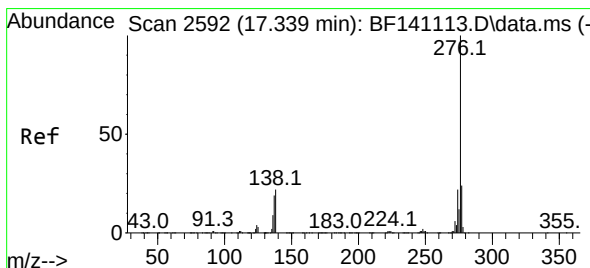
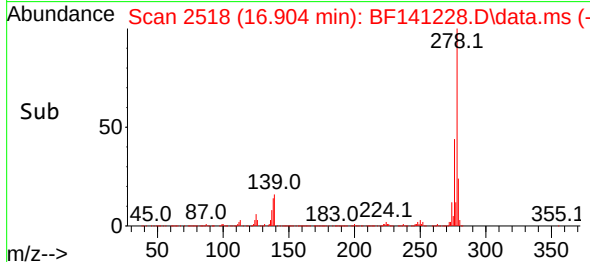
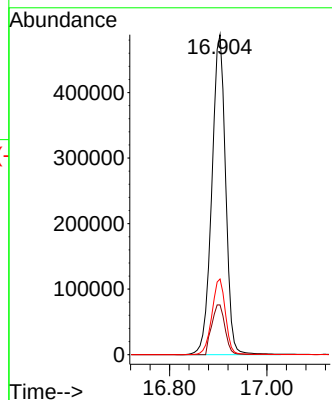
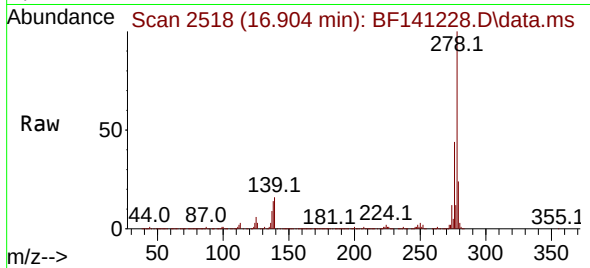




#91
Dibenzo(a,h)anthracene
Concen: 38.736 ng
RT: 16.904 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 956840
Ion Ratio Lower Upper
278 100
139 15.6 13.8 20.6
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 38.368 ng
RT: 17.321 min Scan# 2589
Delta R.T. -0.018 min
Lab File: BF141228.D
Acq: 21 Jan 2025 11:44

Tgt Ion:276 Resp: 985800
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 20.9 17.4 26.2

