

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141428.D
 Acq On : 04 Feb 2025 23:56
 Operator : RC/JU
 Sample : Q1280-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11984MS

Quant Time: Feb 05 00:36:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	92762	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	367129	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	195792	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	321011	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	202719	20.000	ng	-0.02
86) Perylene-d12	15.410	264	202071	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	589258	97.522	ng	0.00
7) Phenol-d6	6.434	99	731694	95.191	ng	0.00
23) Nitrobenzene-d5	7.351	82	485073	69.652	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	190484	106.121	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	856845	67.360	ng	-0.01
79) Terphenyl-d14	12.904	244	795231	60.497	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	92813	34.926	ng	97
3) Pyridine	3.293	79	194628	30.398	ng	94
4) n-Nitrosodimethylamine	3.246	42	149299	40.819	ng	84
6) Aniline	6.451	93	125211	19.244	ng	# 1
8) 2-Chlorophenol	6.581	128	254525	39.301	ng	95
9) Benzaldehyde	6.340	77	171709	38.566	ng	99
10) Phenol	6.445	94	302121	37.078	ng	78
11) bis(2-Chloroethyl)ether	6.528	93	228192	36.525	ng	98
12) 1,3-Dichlorobenzene	6.728	146	266964	37.386	ng	99
13) 1,4-Dichlorobenzene	6.804	146	271446	37.839	ng	98
14) 1,2-Dichlorobenzene	6.957	146	259506	38.632	ng	100
15) Benzyl Alcohol	6.934	79	224886	42.811	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	388554	35.765	ng	55
17) 2-Methylphenol	7.051	107	198027	37.622	ng	# 92
18) Hexachloroethane	7.298	117	102859	38.867	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	179061	39.204	ng	99
20) 3+4-Methylphenols	7.204	107	256997	39.766	ng	# 84
22) Acetophenone	7.198	105	393945	45.143	ng	# 97
24) Nitrobenzene	7.375	77	268124	37.151	ng	100
25) Isophorone	7.610	82	476454	39.578	ng	98
26) 2-Nitrophenol	7.687	139	132557	38.945	ng	93
27) 2,4-Dimethylphenol	7.734	122	202317	46.700	ng	95
28) bis(2-Chloroethoxy)met...	7.822	93	289257	37.669	ng	99
29) 2,4-Dichlorophenol	7.939	162	210177	39.628	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	227925	37.630	ng	99
31) Naphthalene	8.098	128	1072642	55.307	ng	100
32) Benzoic acid	7.857	122	149489	37.535	ng	93
33) 4-Chloroaniline	8.145	127	41523	6.314	ng	99
34) Hexachlorobutadiene	8.210	225	144544	40.693	ng	100
35) Caprolactam	8.516	113	51046	29.470	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	232343	40.841	ng	95
37) 2-Methylnaphthalene	8.786	142	736084	59.714	ng	98
38) 1-Methylnaphthalene	8.886	142	586387	48.427	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	254907	45.764	ng	98
41) Hexachlorocyclopentadiene	8.939	237	195641	118.931	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	150583	41.303	ng	99

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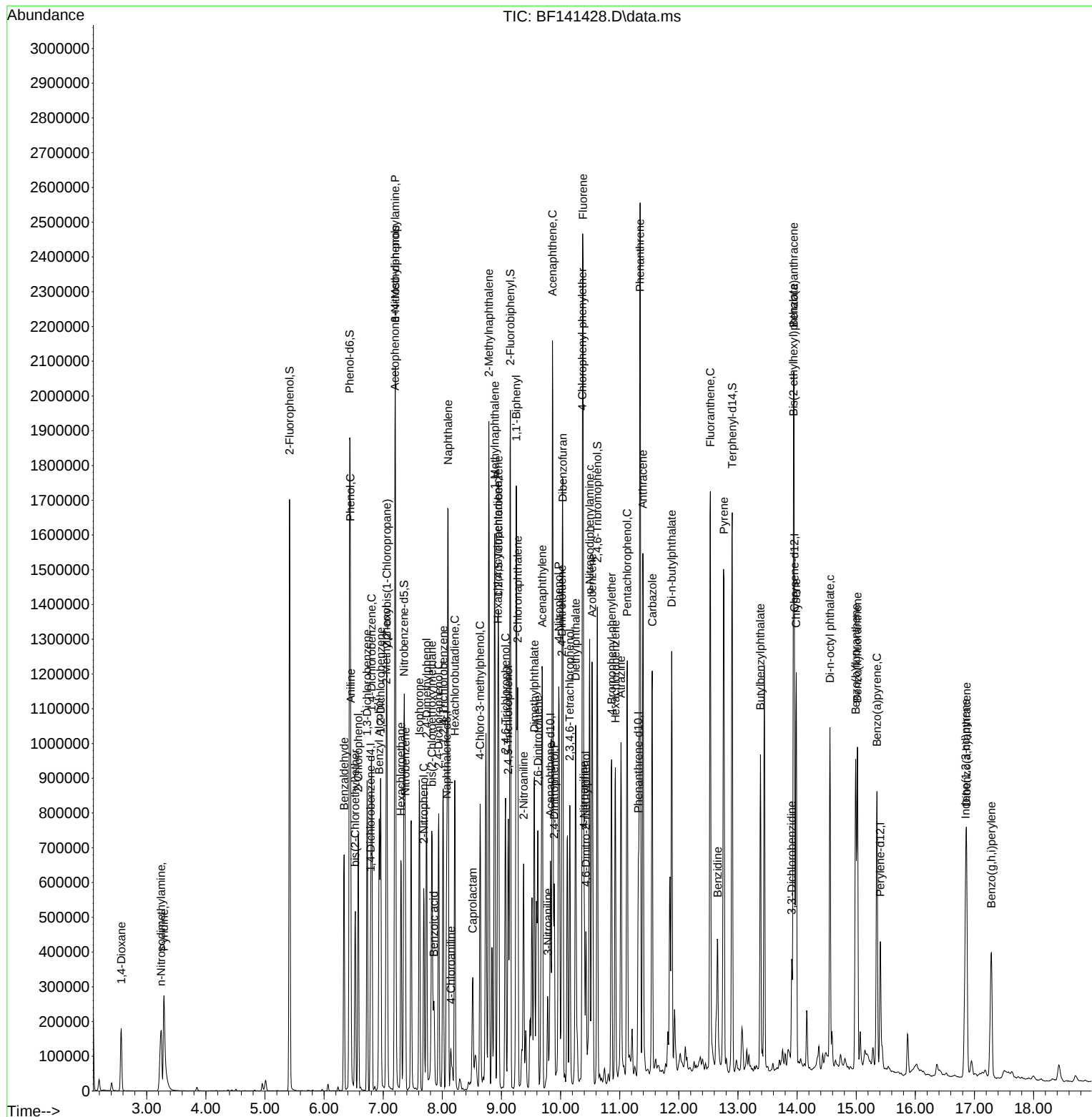
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	156020	39.319	ng	97
46) 1,1'-Biphenyl	9.251	154	742011	48.595	ng	99
47) 2-Chloronaphthalene	9.275	162	453369	38.093	ng	100
48) 2-Nitroaniline	9.375	65	153587	41.027	ng	96
49) Acenaphthylene	9.692	152	698501	41.926	ng	100
50) Dimethylphthalate	9.557	163	545841	41.277	ng	100
51) 2,6-Dinitrotoluene	9.616	165	117214	38.176	ng	95
52) Acenaphthene	9.863	154	766827	64.428	ng	99
53) 3-Nitroaniline	9.786	138	54863	18.231	ng	98
54) 2,4-Dinitrophenol	9.892	184	97987	68.653	ng	86
55) Dibenzofuran	10.039	168	873077	54.802	ng	97
56) 4-Nitrophenol	9.969	139	190830	86.708	ng	90
57) 2,4-Dinitrotoluene	10.022	165	162208	40.804	ng	91
58) Fluorene	10.380	166	707908	57.284	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	133120	42.643	ng	98
60) Diethylphthalate	10.257	149	529623	41.306	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	242541	40.179	ng	97
62) 4-Nitroaniline	10.398	138	111667	37.743	ng	89
63) Azobenzene	10.533	77	602420	46.938	ng	88
65) 4,6-Dinitro-2-methylph...	10.428	198	68085	35.857	ng	93
66) n-Nitrosodiphenylamine	10.492	169	438215	42.206	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	147463	41.032	ng	98
68) Hexachlorobenzene	10.928	284	153522	40.272	ng	99
69) Atrazine	11.022	200	166258	47.893	ng	99
70) Pentachlorophenol	11.127	266	196154	87.870	ng	99
71) Phenanthrene	11.345	178	1381163	80.041	ng	99
72) Anthracene	11.392	178	832486	49.238	ng	99
73) Carbazole	11.551	167	659988	44.022	ng	99
74) Di-n-butylphthalate	11.880	149	802610	44.175	ng	99
75) Fluoranthene	12.533	202	969384	56.895	ng	98
77) Benzidine	12.657	184	189902	29.221	ng	99
78) Pyrene	12.763	202	874425	44.937	ng	100
80) Butylbenzylphthalate	13.380	149	282287	41.524	ng	98
81) Benzo(a)anthracene	13.945	228	616866	44.097	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	89163	20.041	ng	99
83) Chrysene	13.986	228	537872	41.955	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	379501	44.006	ng	99
85) Di-n-octyl phthalate	14.557	149	632803	47.244	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	458523	35.157	ng	95
88) Benzo(b)fluoranthene	14.992	252	557459	43.857	ng	98
89) Benzo(k)fluoranthene	15.021	252	517612	45.968	ng	98
90) Benzo(a)pyrene	15.351	252	496426	46.217	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	369831	35.246	ng	96
92) Benzo(g,h,i)perylene	17.286	276	338418	31.018	ng #	94

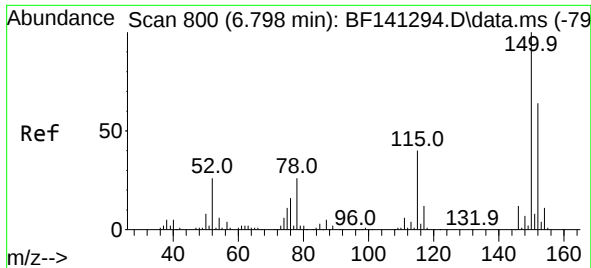
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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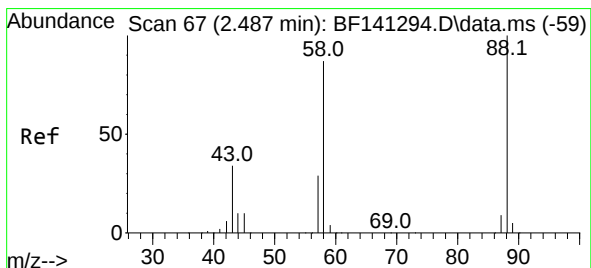
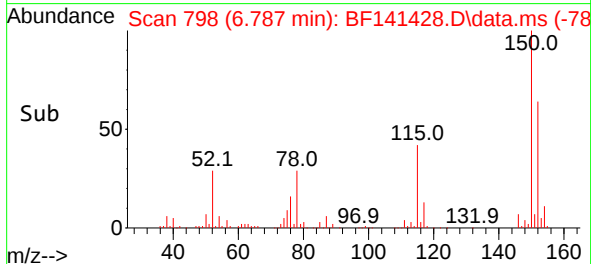
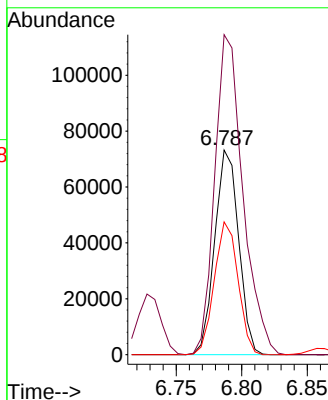
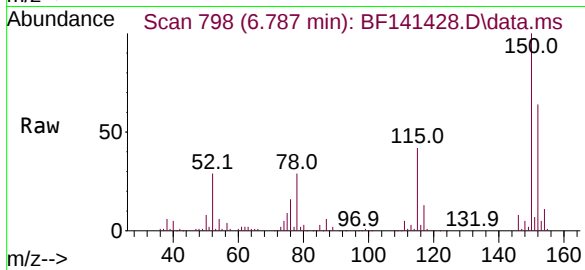




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141428.D
 Acq: 04 Feb 2025 23:56

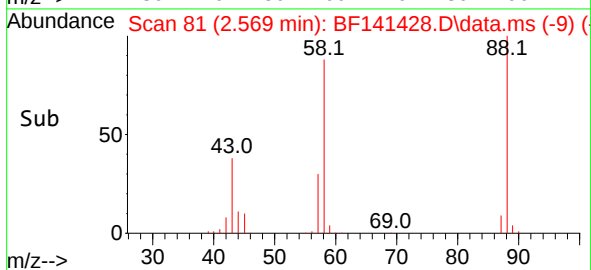
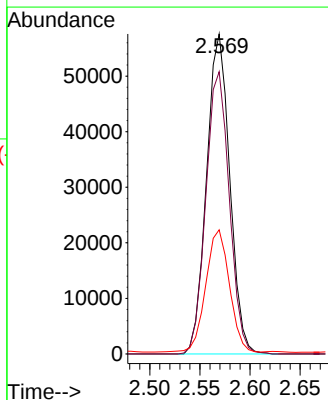
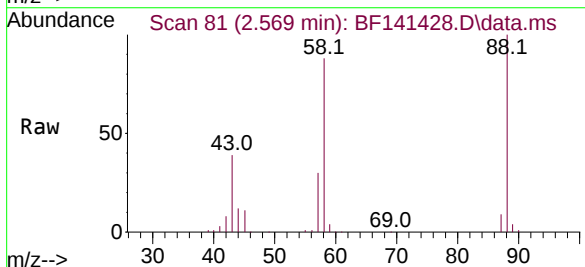
Instrument :
 BNA_F
 ClientSampleId :
 72-11984MS

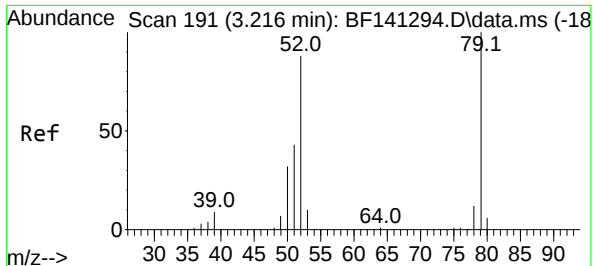
Tgt Ion:152 Resp: 92762
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.9 188.9
 115 64.9 49.7 74.5



#2
 1,4-Dioxane
 Concen: 34.926 ng
 RT: 2.569 min Scan# 81
 Delta R.T. 0.076 min
 Lab File: BF141428.D
 Acq: 04 Feb 2025 23:56

Tgt Ion: 88 Resp: 92813
 Ion Ratio Lower Upper
 88 100
 58 89.2 70.2 105.4
 43 38.9 27.6 41.4





#3

Pyridine

Concen: 30.398 ng

RT: 3.293 min Scan# 204

Delta R.T. 0.065 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

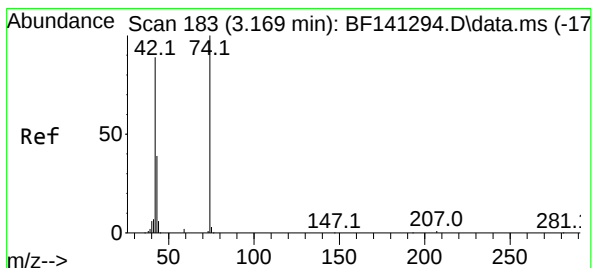
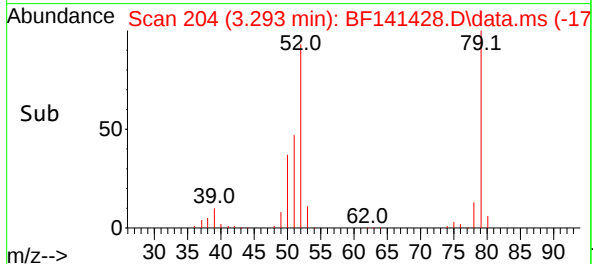
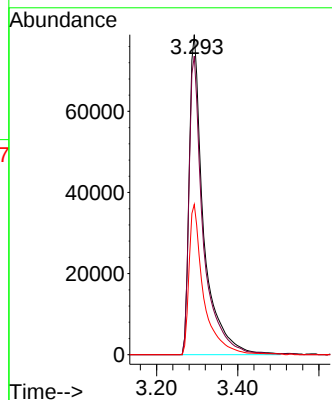
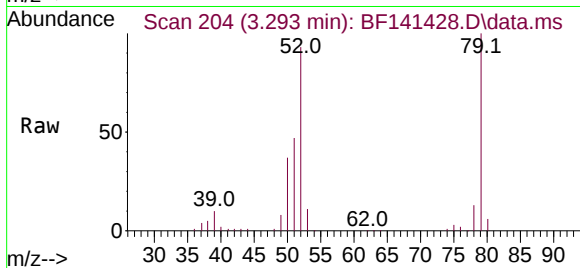
Tgt Ion: 79 Resp: 194628

Ion Ratio Lower Upper

79 100

52 93.3 70.3 105.5

51 47.0 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 40.819 ng

RT: 3.246 min Scan# 196

Delta R.T. 0.047 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

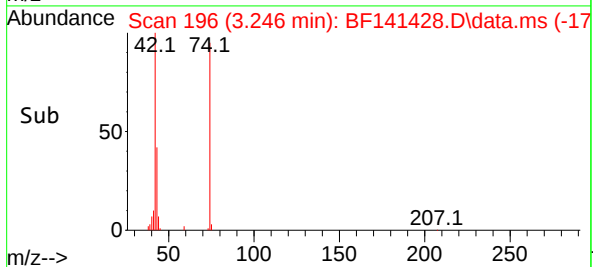
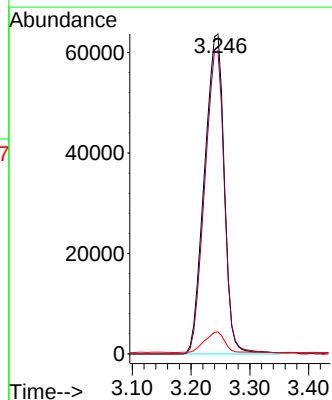
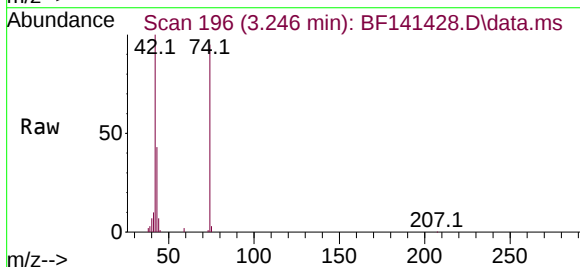
Tgt Ion: 42 Resp: 149299

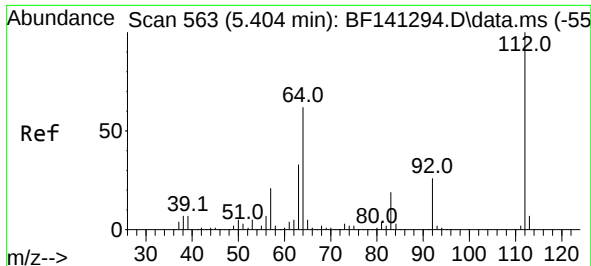
Ion Ratio Lower Upper

42 100

74 94.7 90.3 135.5

44 6.9 5.7 8.5

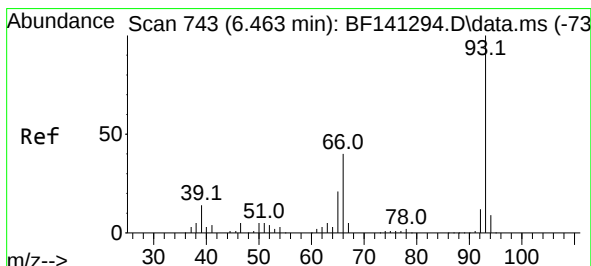
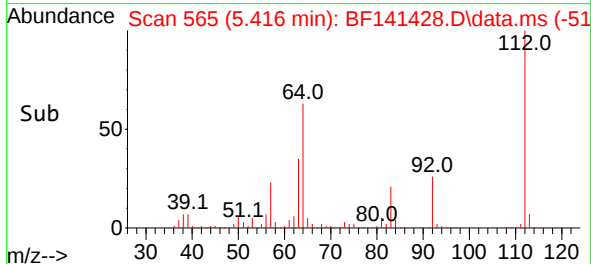
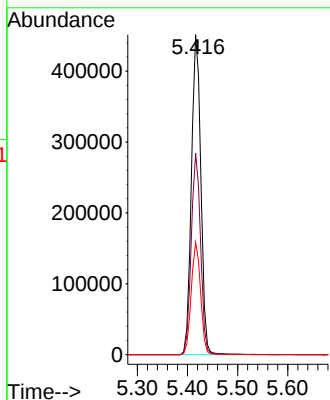
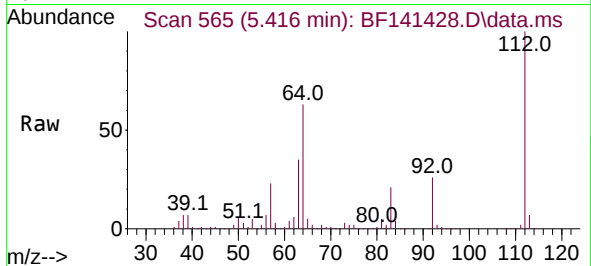




#5
2-Fluorophenol
Concen: 97.522 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

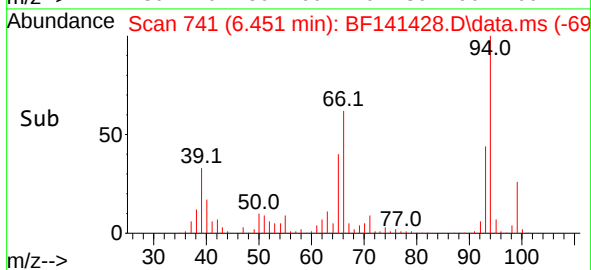
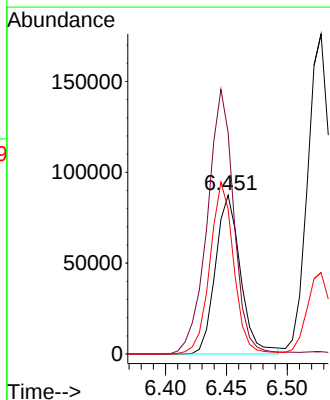
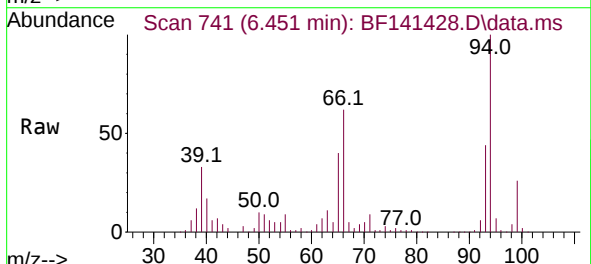
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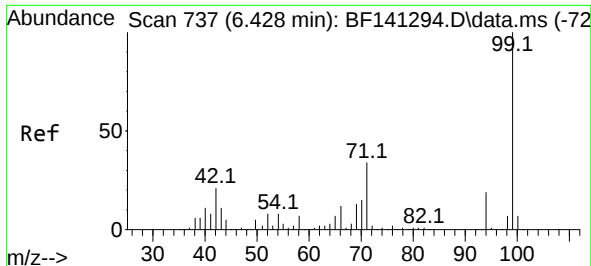
Tgt Ion:112 Resp: 589258
Ion Ratio Lower Upper
112 100
64 62.9 49.8 74.8
63 35.1 26.1 39.1



#6
Aniline
Concen: 19.244 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion: 93 Resp: 125211
Ion Ratio Lower Upper
93 100
66 139.6 32.5 48.7#
65 91.4 17.0 25.6#





#7

Phenol-d6

Concen: 95.191 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

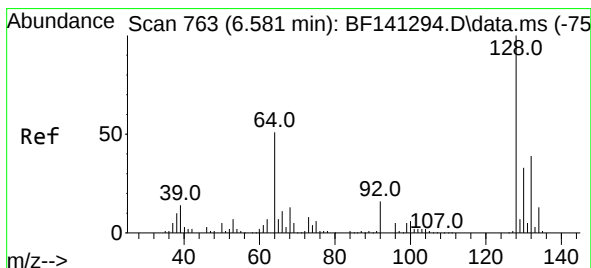
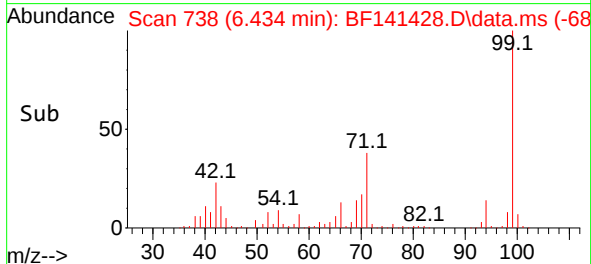
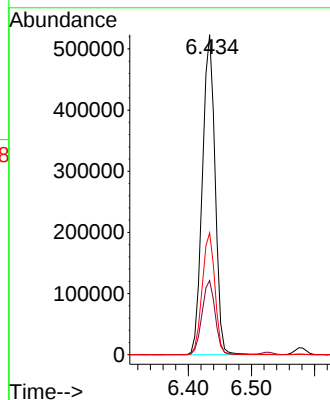
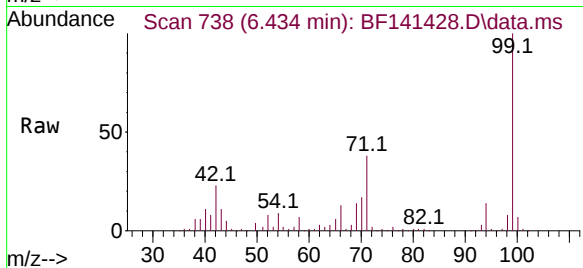
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Tgt Ion: 99 Resp: 731694

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.1	25.7
71	38.1	26.9	40.3



#8

2-Chlorophenol

Concen: 39.301 ng

RT: 6.581 min Scan# 763

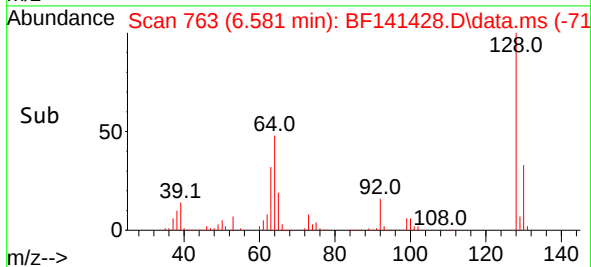
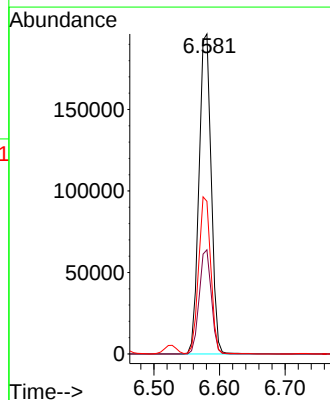
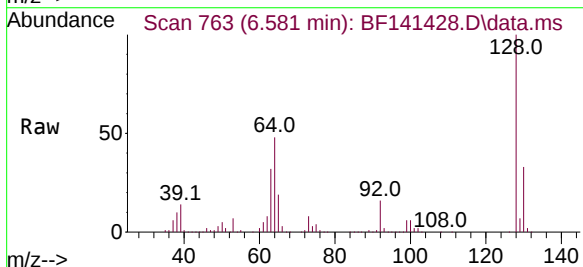
Delta R.T. -0.012 min

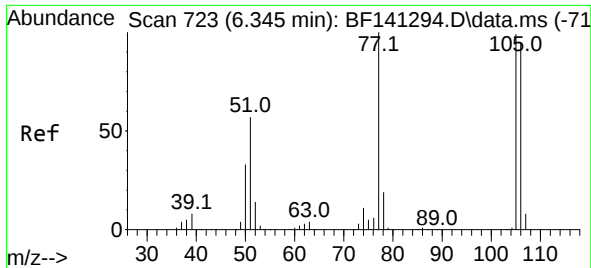
Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Tgt Ion: 128 Resp: 254525

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.5	52.5
64	47.7	32.9	72.9





#9

Benzaldehyde

Concen: 38.566 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

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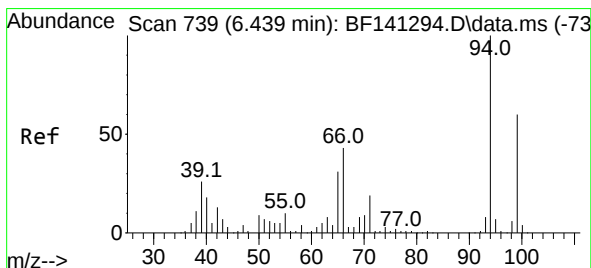
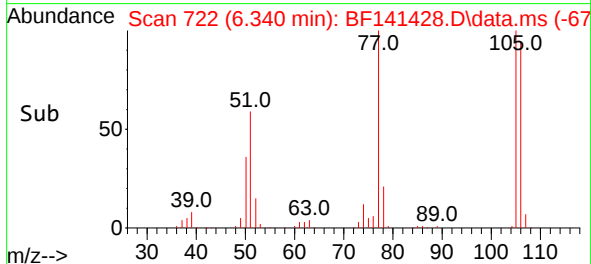
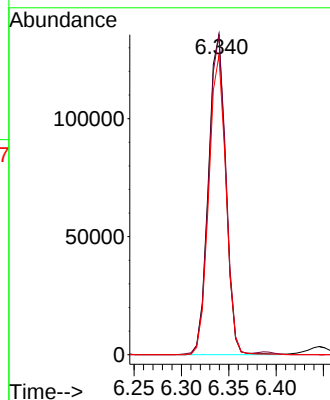
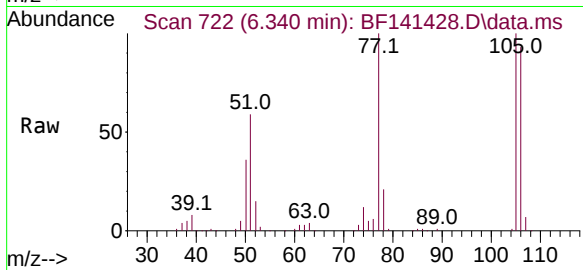
Tgt Ion: 77 Resp: 171709

Ion Ratio Lower Upper

77 100

105 99.9 79.4 119.4

106 93.5 74.6 114.6



#10

Phenol

Concen: 37.078 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.006 min

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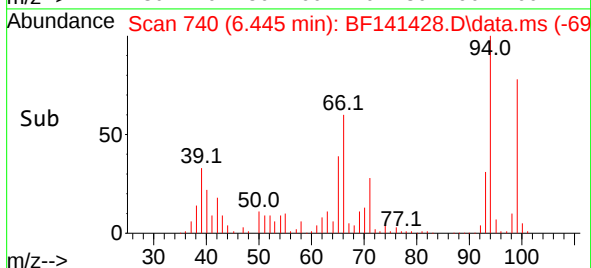
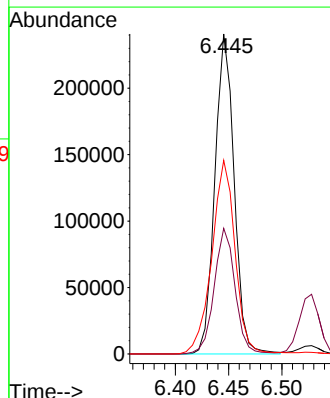
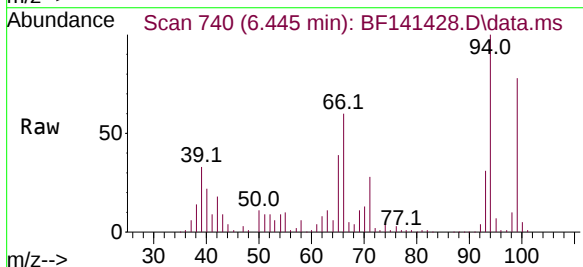
Tgt Ion: 94 Resp: 302121

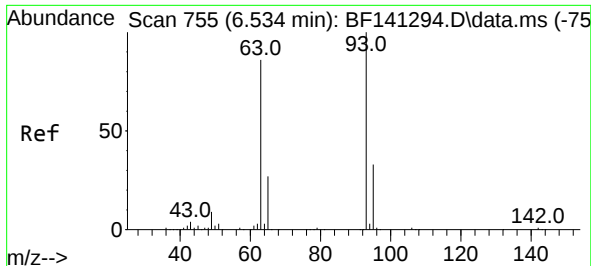
Ion Ratio Lower Upper

94 100

65 39.3 10.8 50.8

66 60.5 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 36.525 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

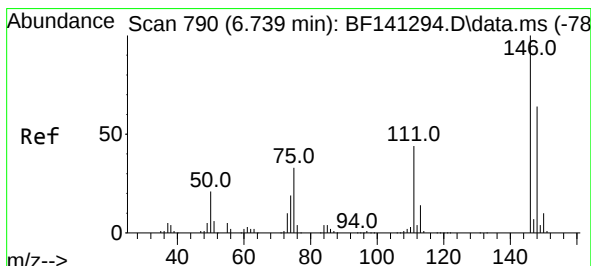
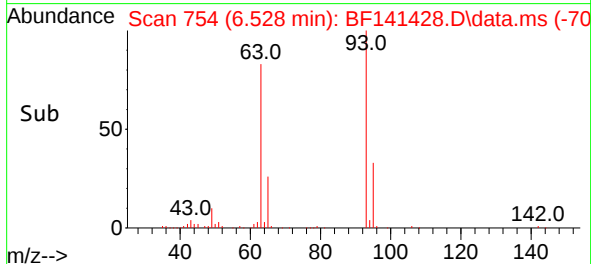
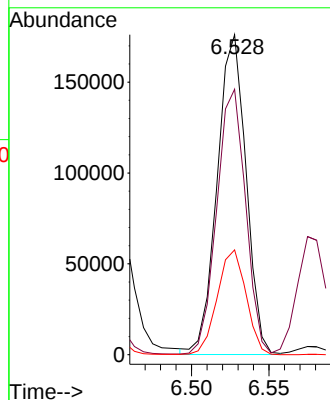
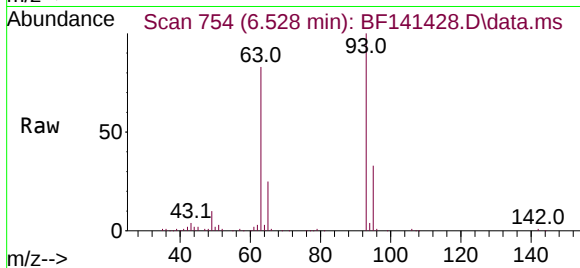
Tgt Ion: 93 Resp: 228192

Ion Ratio Lower Upper

93 100

63 83.0 65.0 105.0

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.386 ng

RT: 6.728 min Scan# 788

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

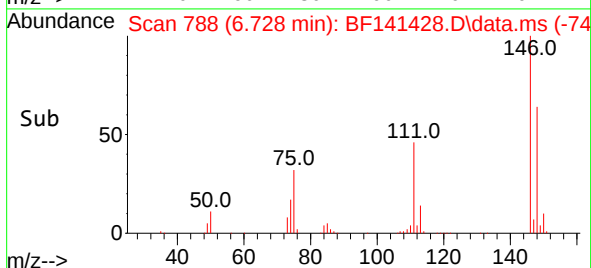
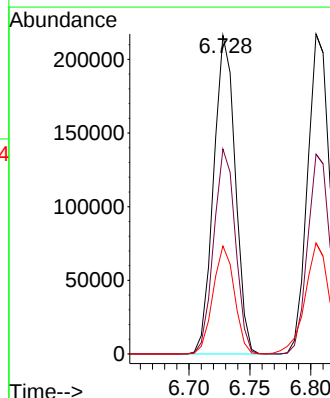
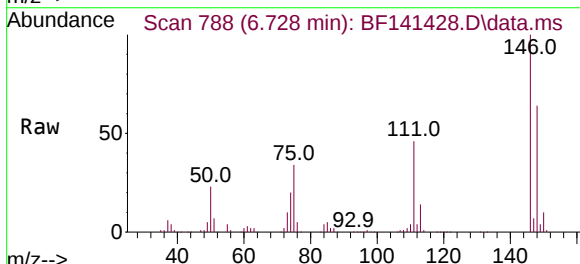
Tgt Ion:146 Resp: 266964

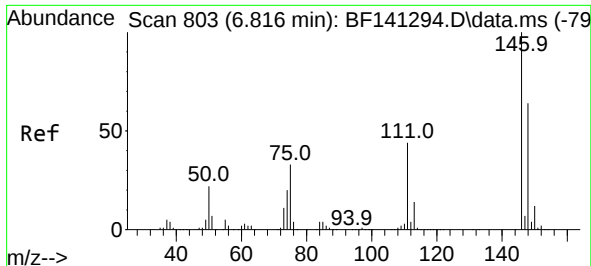
Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

75 33.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.839 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

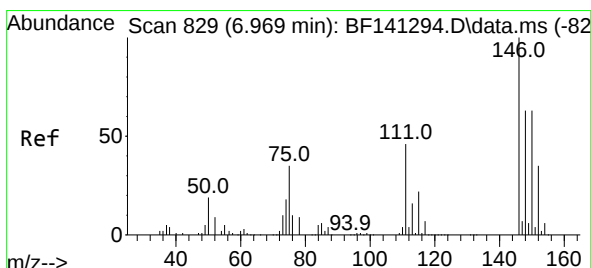
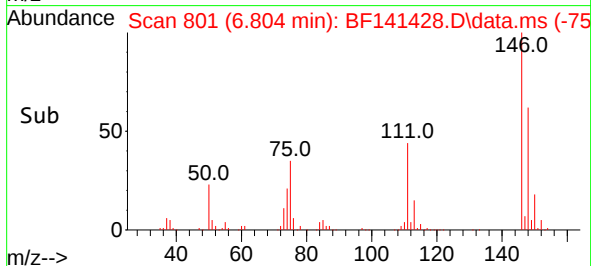
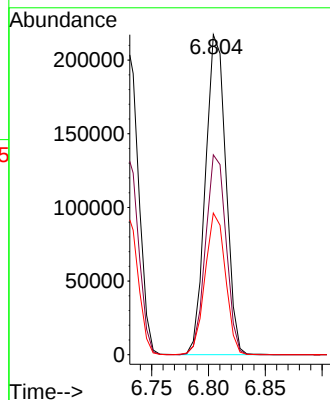
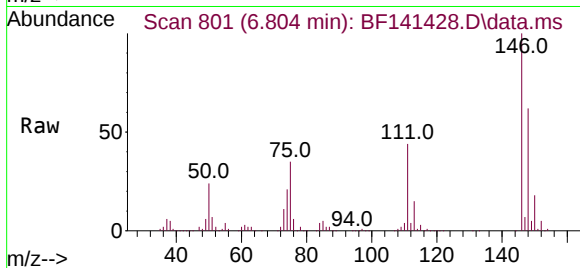
Tgt Ion:146 Resp: 271446

Ion Ratio Lower Upper

146 100

148 62.4 51.2 76.8

111 44.3 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 38.632 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

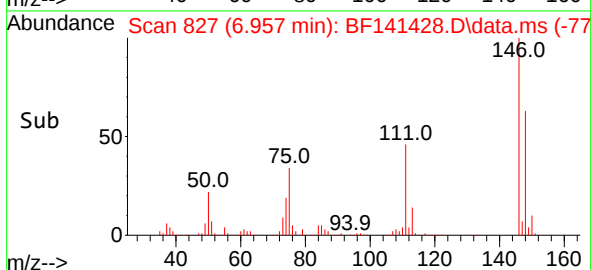
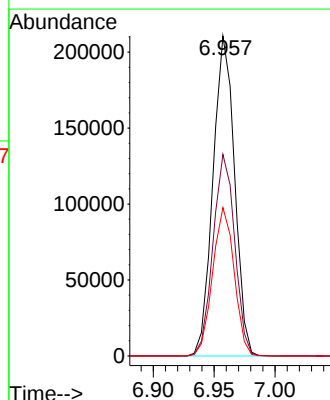
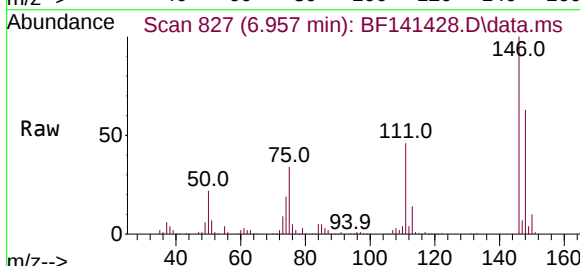
Tgt Ion:146 Resp: 259506

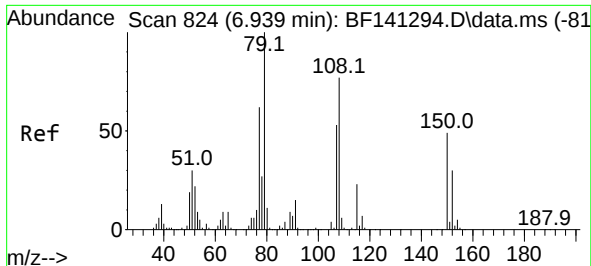
Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

111 46.3 36.6 55.0

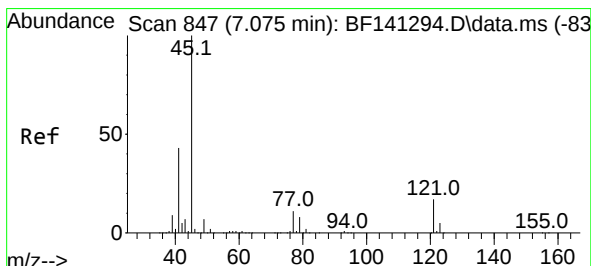
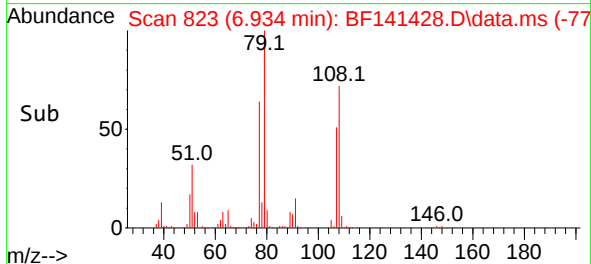
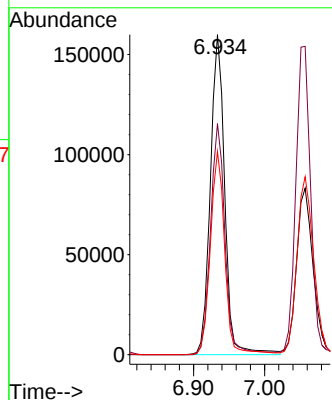
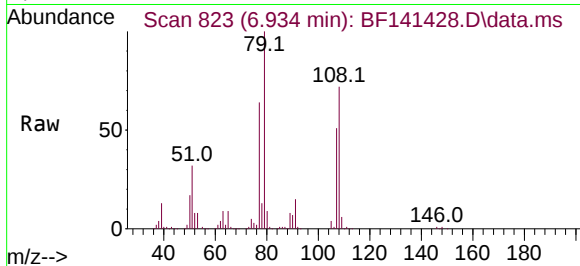




#15
Benzyl Alcohol
Concen: 42.811 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

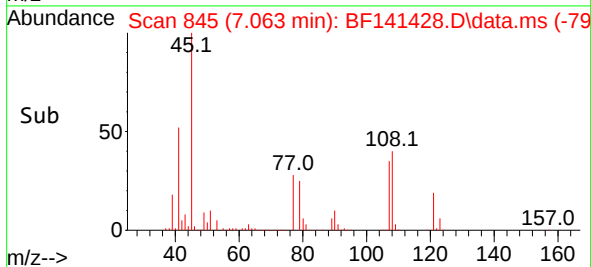
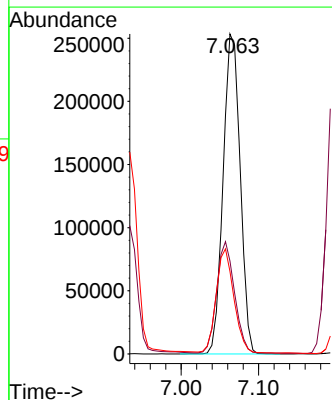
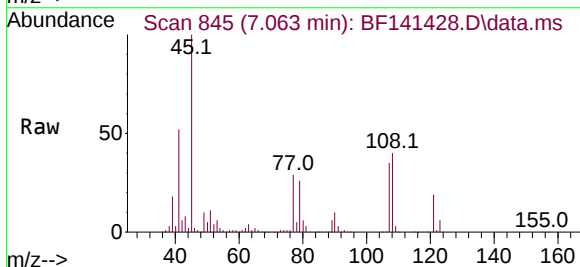
Instrument :
BNA_F
ClientSampleId :
72-11984MS

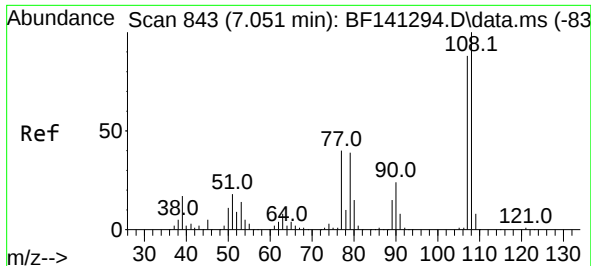
Tgt Ion: 79 Resp: 224886
Ion Ratio Lower Upper
79 100
108 72.2 61.4 92.0
77 63.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.765 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion: 45 Resp: 388554
Ion Ratio Lower Upper
45 100
77 29.1 0.0 31.8
79 25.8 0.0 29.1

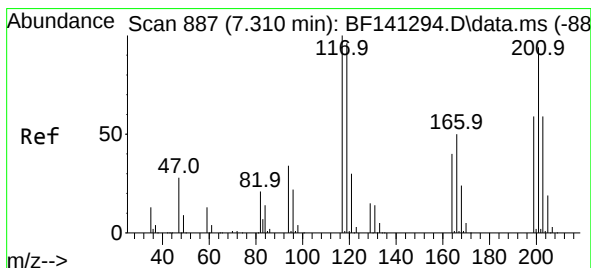
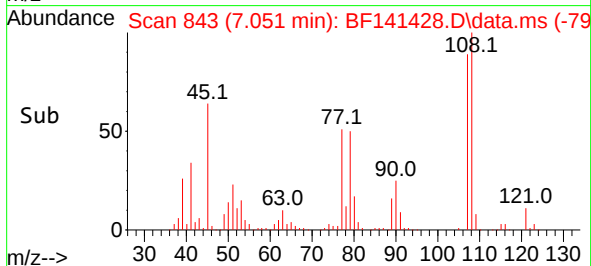
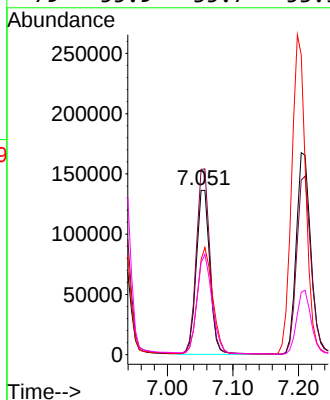
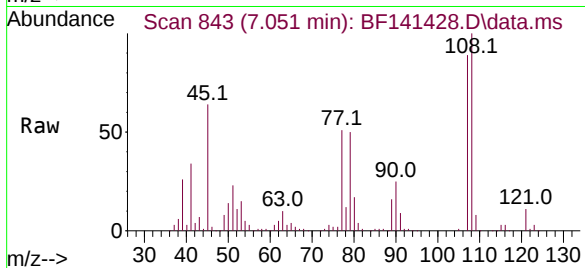




#17
2-Methylphenol
Concen: 37.622 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

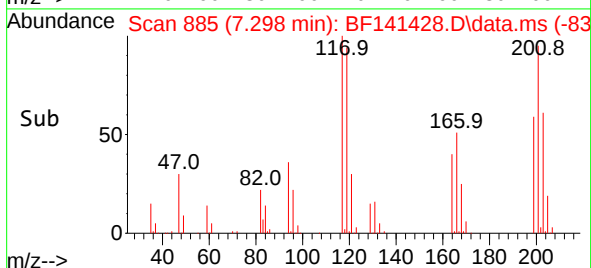
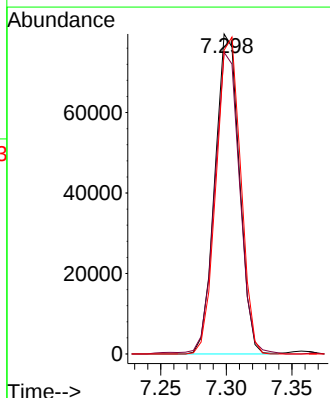
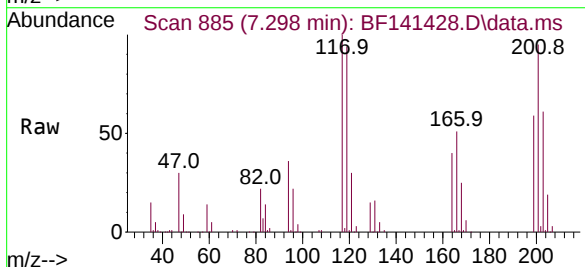
Instrument :
BNA_F
ClientSampleId :
72-11984MS

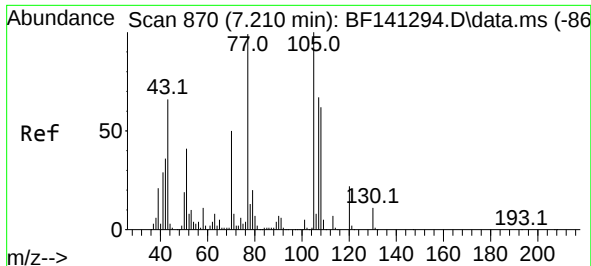
Tgt Ion:107 Resp: 198027
Ion Ratio Lower Upper
107 100
108 112.7 90.8 136.2
77 57.8 36.2 54.4#
79 55.9 35.7 53.5#



#18
Hexachloroethane
Concen: 38.867 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:117 Resp: 102859
Ion Ratio Lower Upper
117 100
119 94.2 76.6 114.8
201 94.9 74.8 112.2

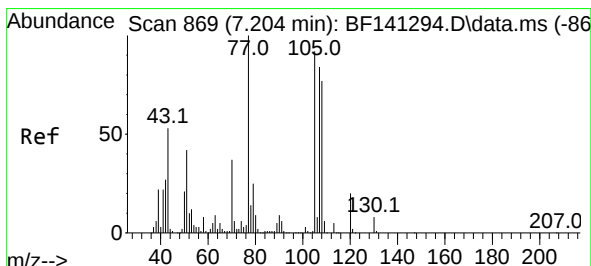
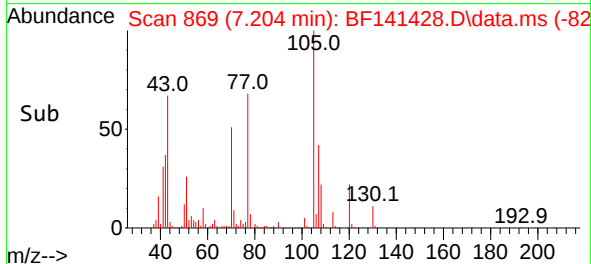
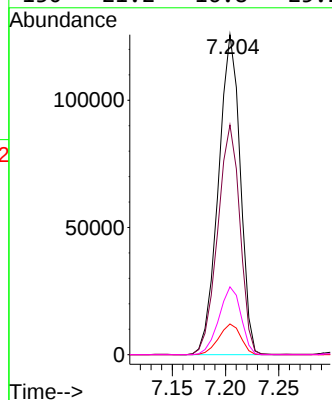
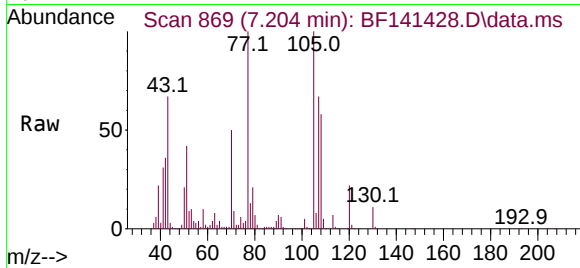




#19
n-Nitroso-di-n-propylamine
Concen: 39.204 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

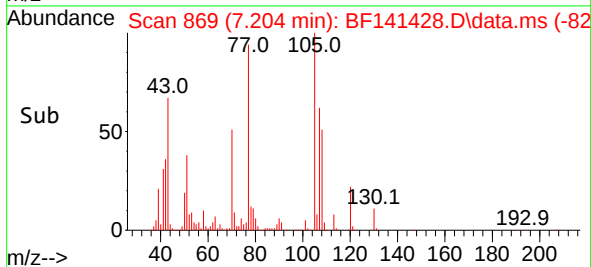
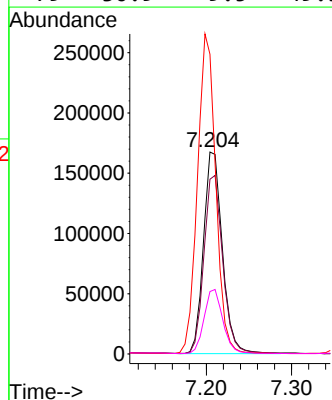
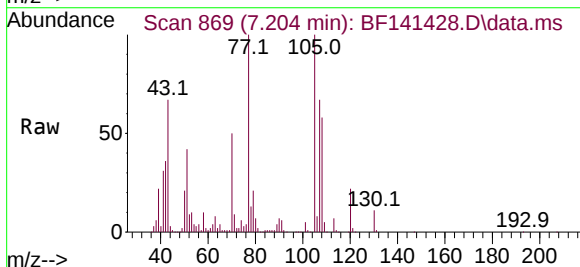
Instrument :
BNA_F
ClientSampleId :
72-11984MS

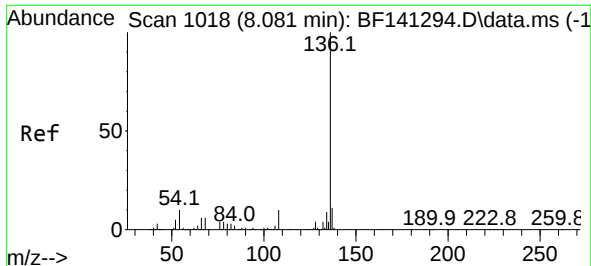
Tgt Ion: 70 Resp: 179061
Ion Ratio Lower Upper
70 100
42 71.8 56.8 85.2
101 9.6 7.7 11.5
130 21.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 39.766 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion: 107 Resp: 256997
Ion Ratio Lower Upper
107 100
108 86.5 70.9 110.9
77 148.3 98.5 138.5#
79 30.9 9.5 49.5

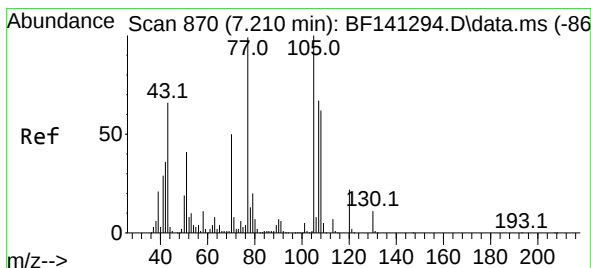
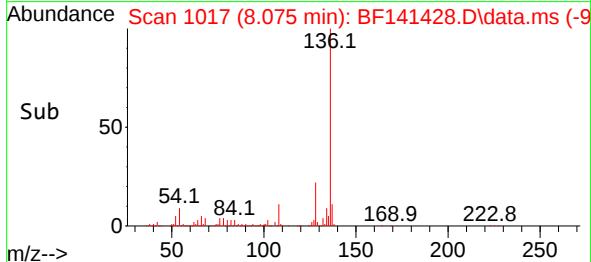
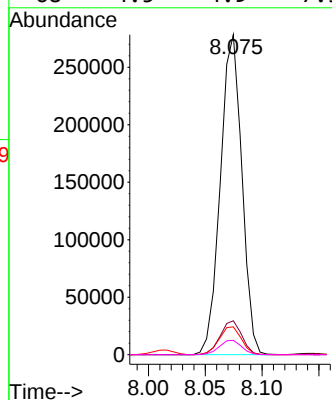
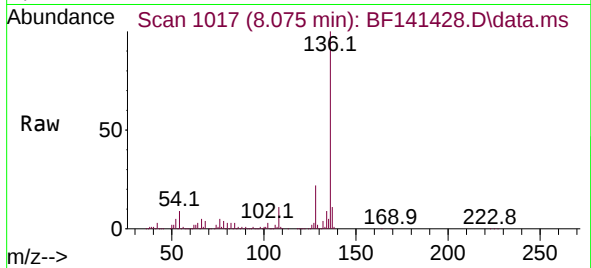




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

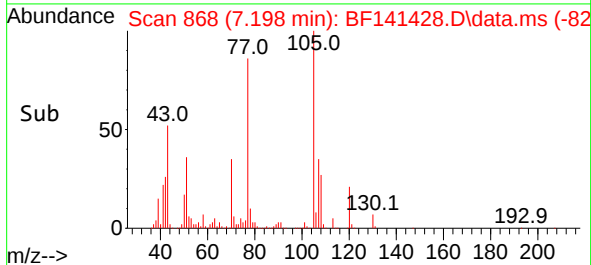
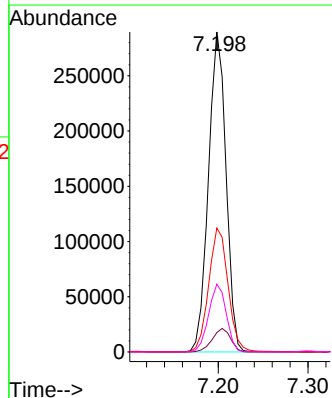
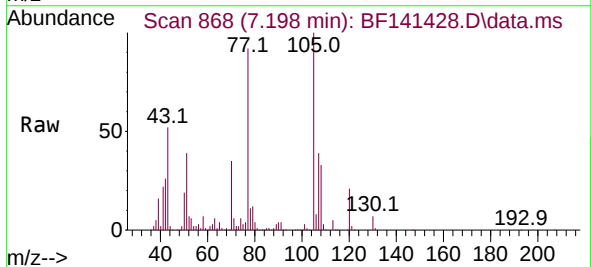
Instrument :
BNA_F
ClientSampleId :
72-11984MS

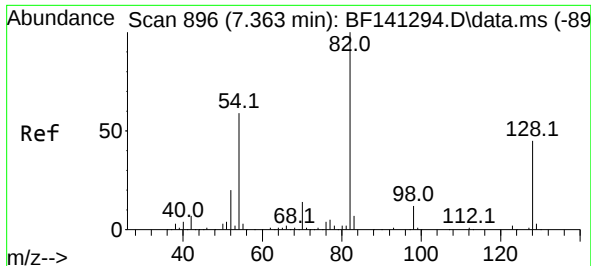
Tgt Ion:136 Resp: 367129
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.7 7.8 11.8
68 4.5 4.9 7.3#



#22
Acetophenone
Concen: 45.143 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:105 Resp: 393945
Ion Ratio Lower Upper
105 100
71 6.0 6.8 10.2#
51 38.7 32.6 49.0
120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 69.652 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

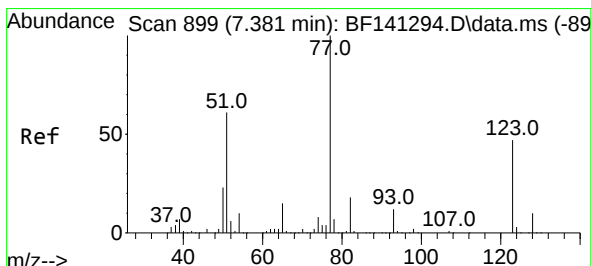
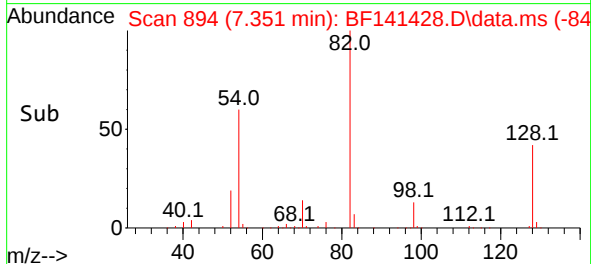
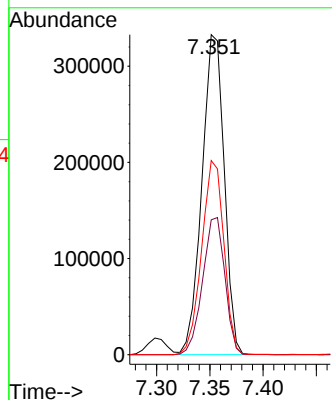
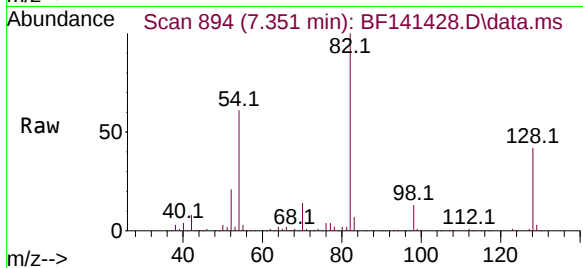
Tgt Ion: 82 Resp: 485073

Ion Ratio Lower Upper

82 100

128 42.2 35.7 53.5

54 60.6 47.1 70.7



#24

Nitrobenzene

Concen: 37.151 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

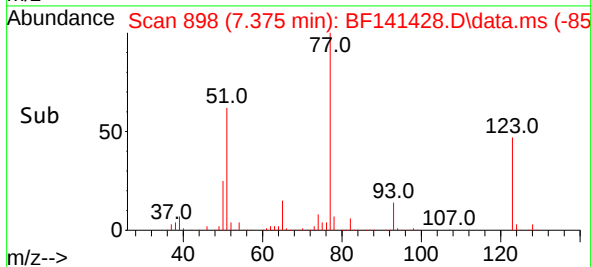
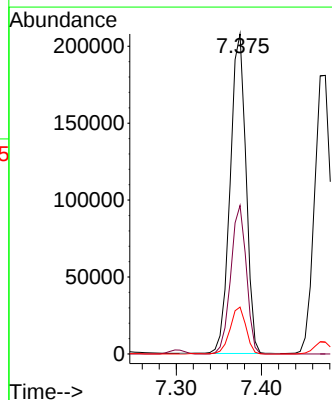
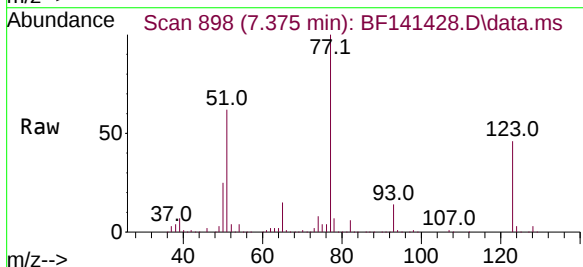
Tgt Ion: 77 Resp: 268124

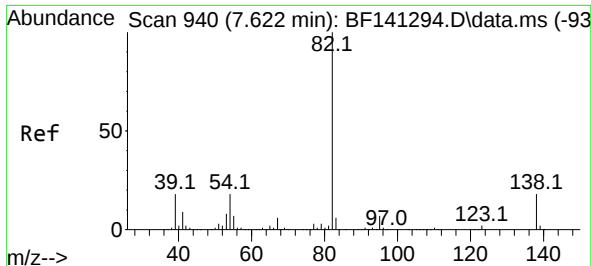
Ion Ratio Lower Upper

77 100

123 46.4 37.3 55.9

65 14.6 11.8 17.6

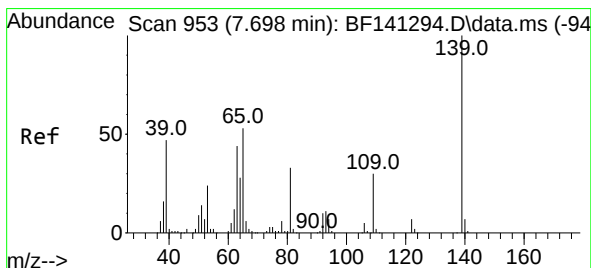
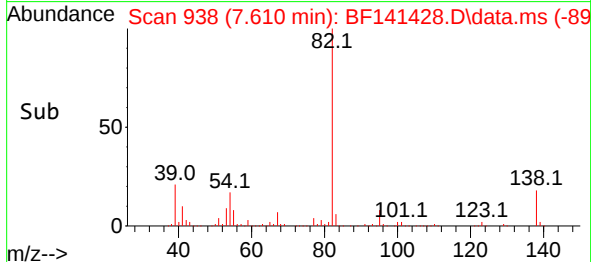
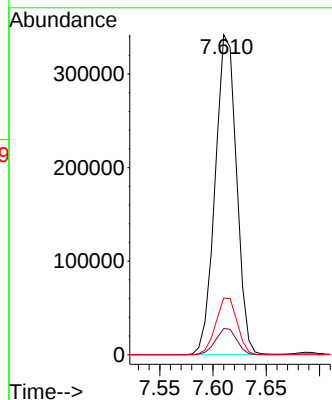
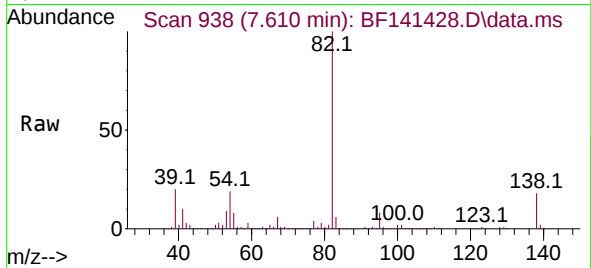




#25
Isophorone
Concen: 39.578 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

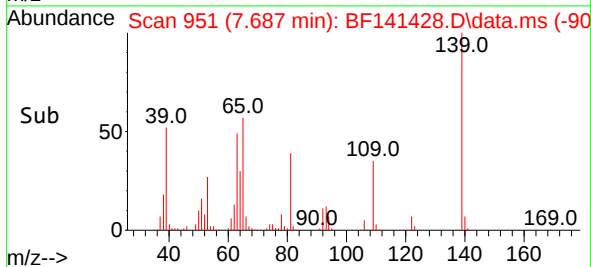
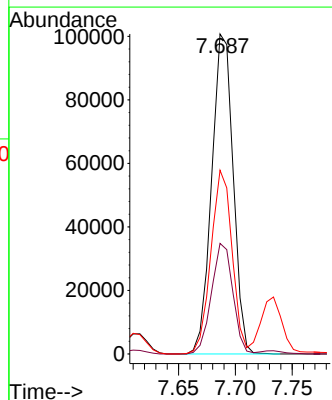
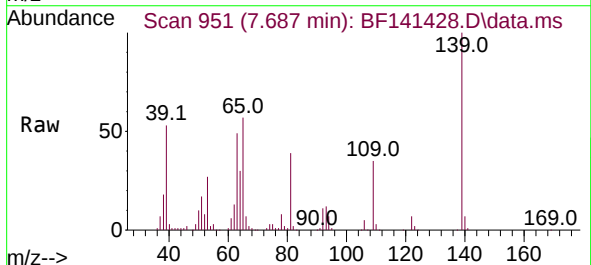
Instrument :
BNA_F
ClientSampleId :
72-11984MS

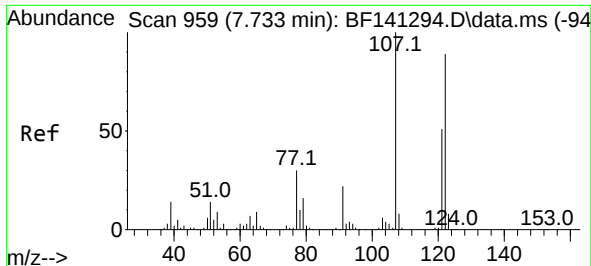
Tgt Ion: 82 Resp: 476454
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.6
138 17.7 14.7 22.1



#26
2-Nitrophenol
Concen: 38.945 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:139 Resp: 132557
Ion Ratio Lower Upper
139 100
109 34.5 23.8 35.6
65 57.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 46.700 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

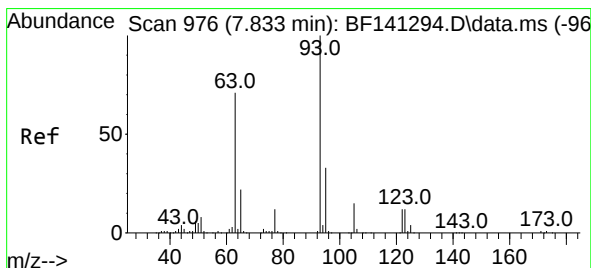
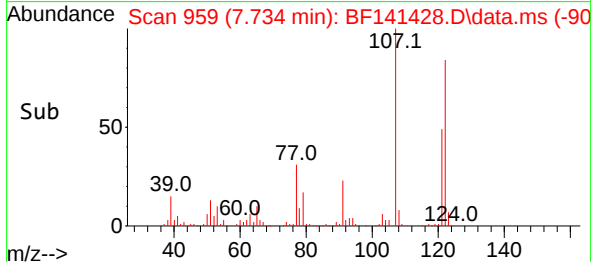
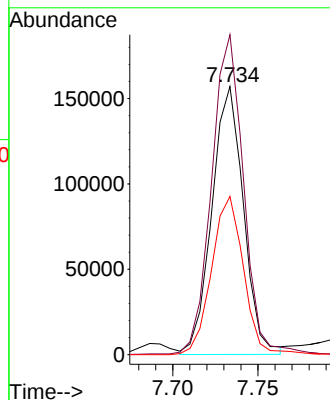
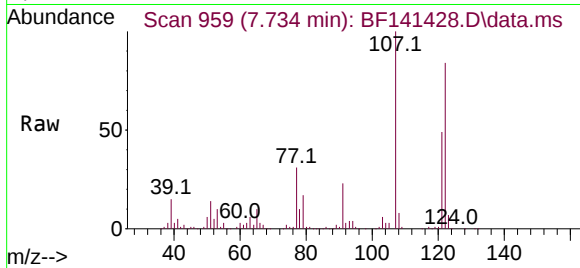
Tgt Ion:122 Resp: 202317

Ion Ratio Lower Upper

122 100

107 119.3 89.9 134.9

121 59.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.669 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

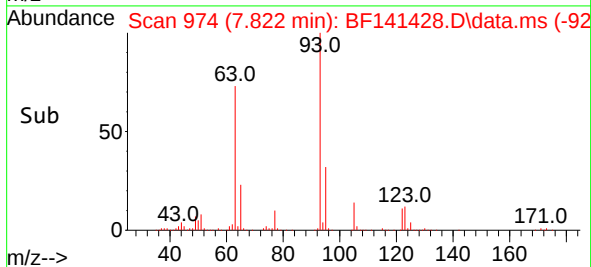
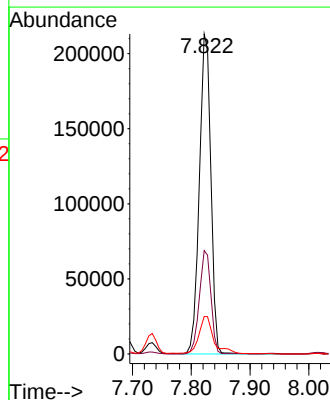
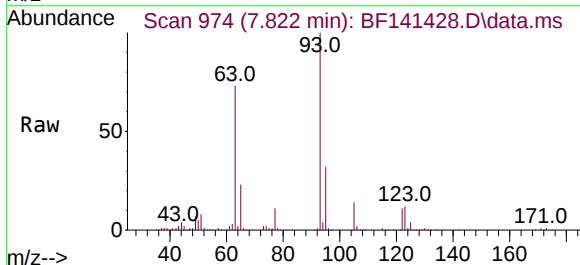
Tgt Ion: 93 Resp: 289257

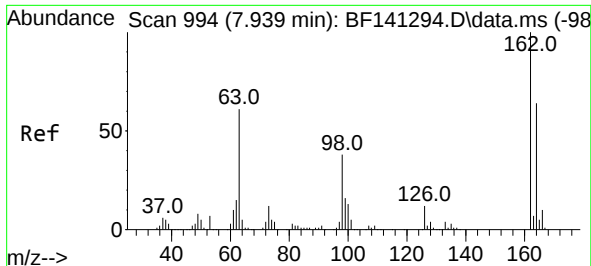
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 11.7 10.2 15.4

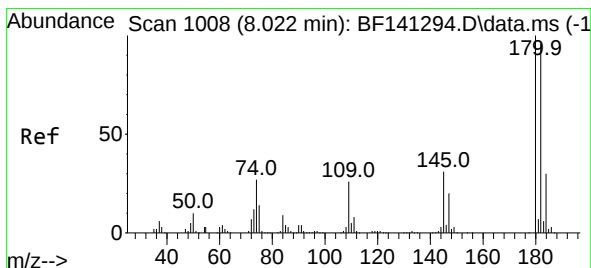
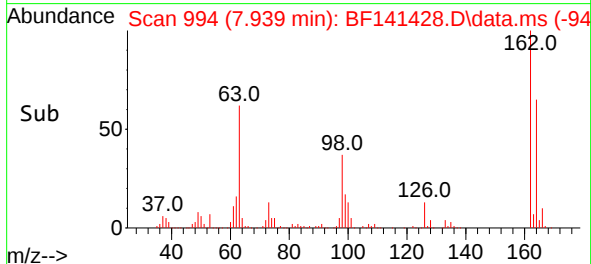
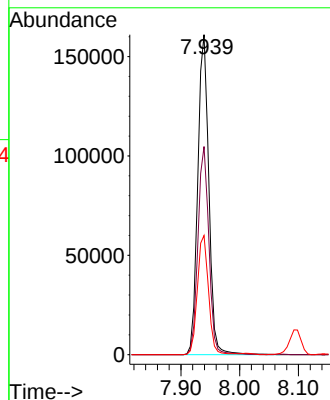
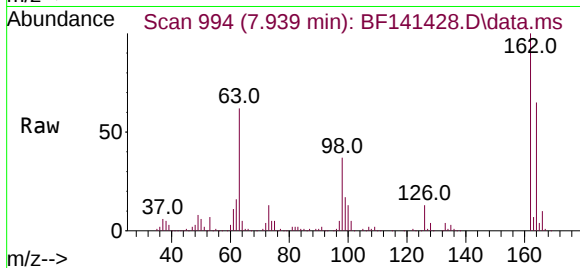




#29
2,4-Dichlorophenol
Concen: 39.628 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

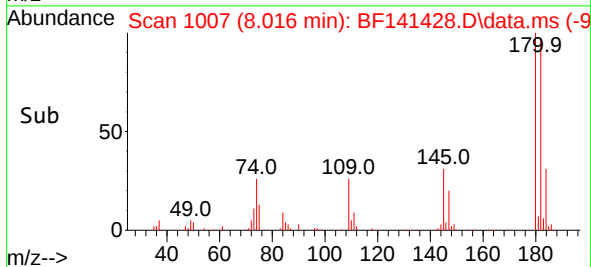
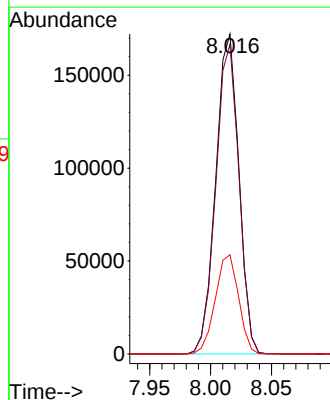
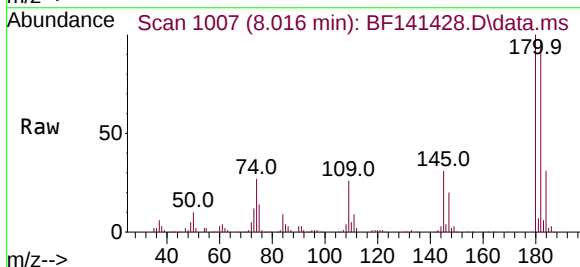
Instrument :
BNA_F
ClientSampleId :
72-11984MS

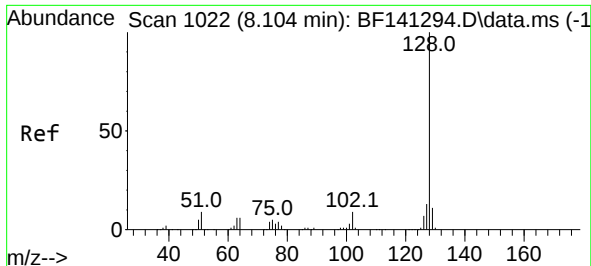
Tgt Ion:162 Resp: 210177
Ion Ratio Lower Upper
162 100
164 65.0 44.2 84.2
98 37.2 18.2 58.2



#30
1,2,4-Trichlorobenzene
Concen: 37.630 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:180 Resp: 227925
Ion Ratio Lower Upper
180 100
182 96.8 76.4 114.6
145 31.0 24.9 37.3

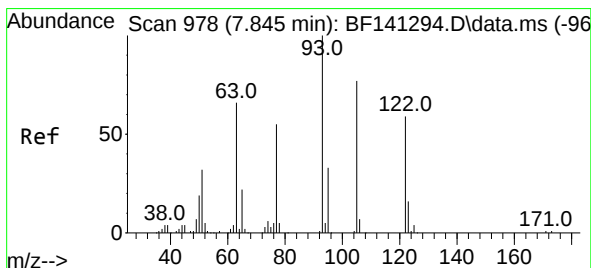
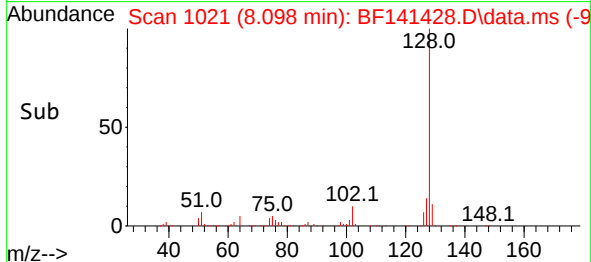
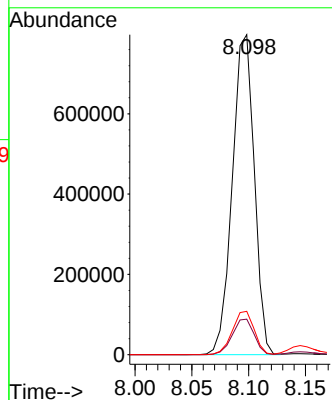
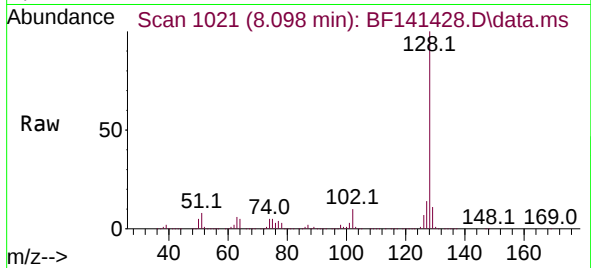




#31
Naphthalene
Concen: 55.307 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

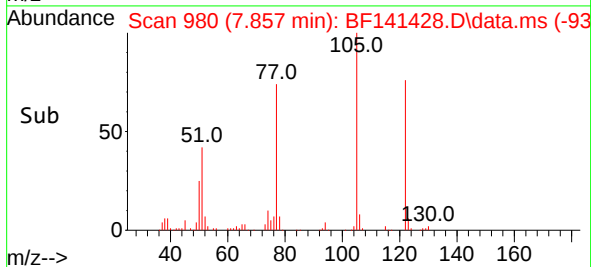
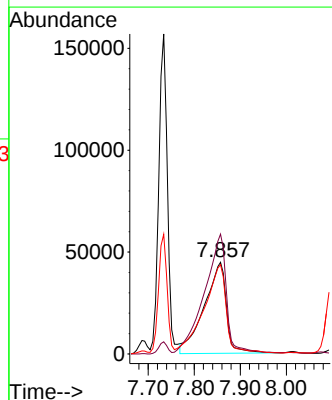
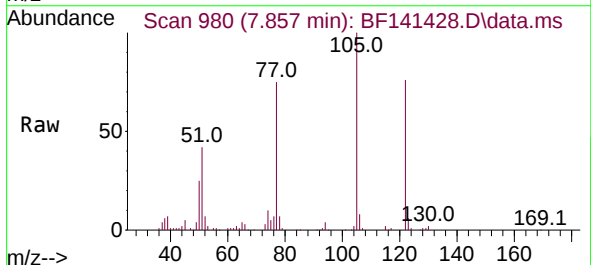
Instrument :
BNA_F
ClientSampleId :
72-11984MS

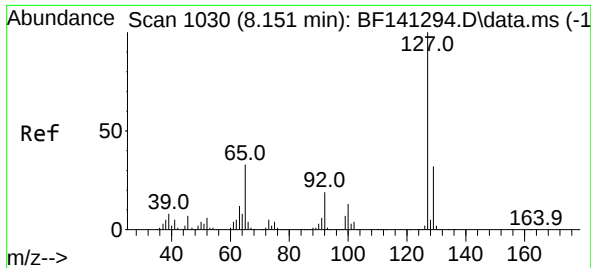
Tgt Ion:128 Resp: 1072642
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 37.535 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:122 Resp: 149489
Ion Ratio Lower Upper
122 100
105 130.8 103.4 143.4
77 97.5 70.9 110.9

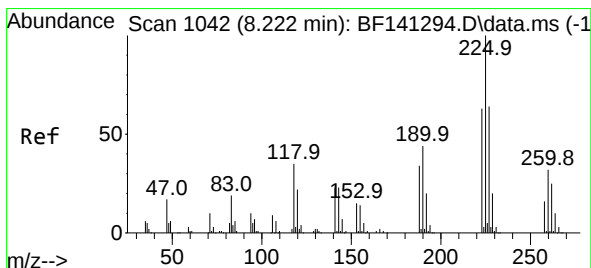
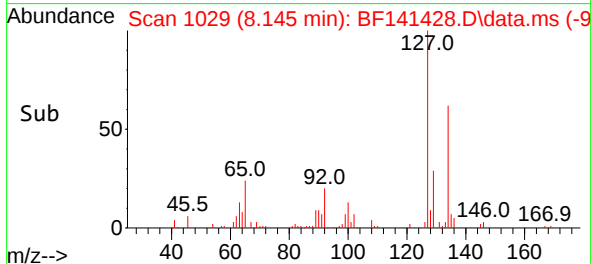
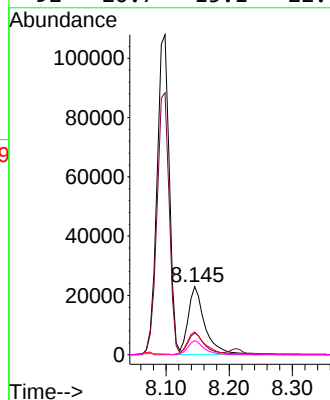
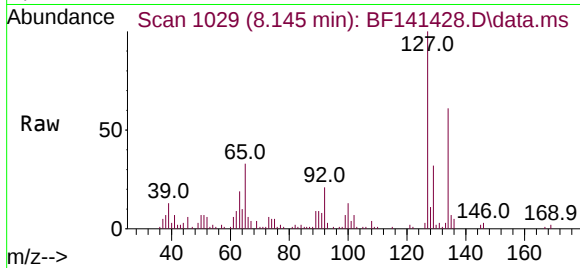




#33
4-Chloroaniline
Concen: 6.314 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

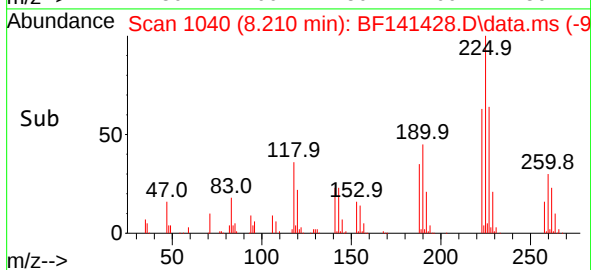
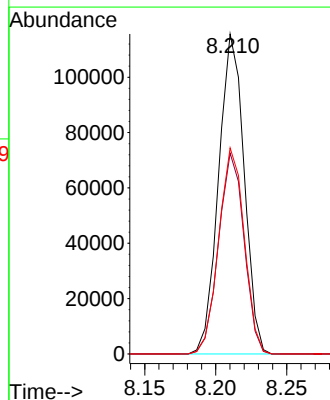
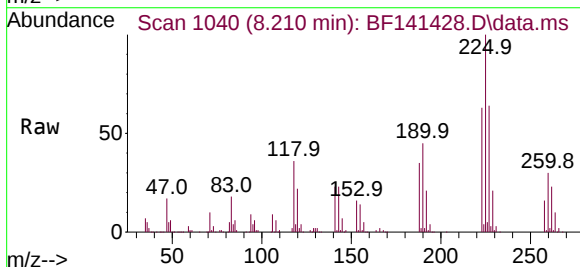
Instrument :
BNA_F
ClientSampleId :
72-11984MS

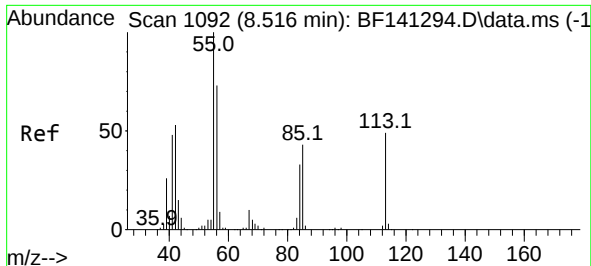
Tgt Ion:127	Resp:	41523	
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	33.4	26.4	39.6
92	20.7	15.1	22.7



#34
Hexachlorobutadiene
Concen: 40.693 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt	Ion:225	Resp:	144544
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	64.4	51.3	76.9

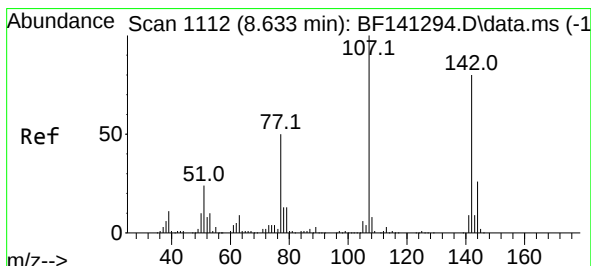
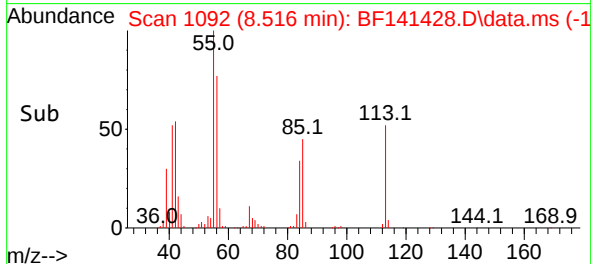
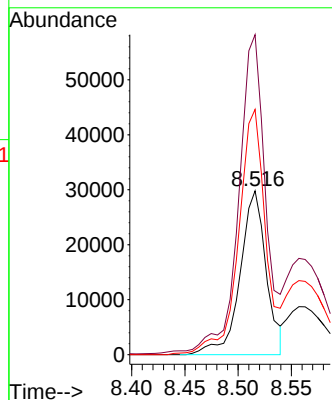
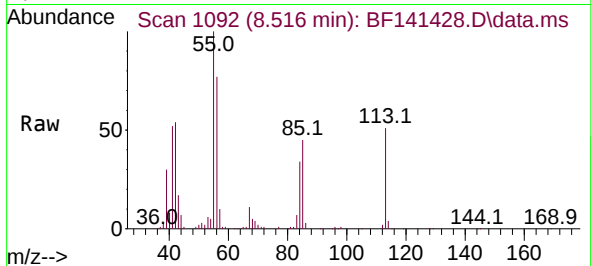




#35
 Caprolactam
 Concen: 29.470 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.030 min
 Lab File: BF141428.D
 Acq: 04 Feb 2025 23:56

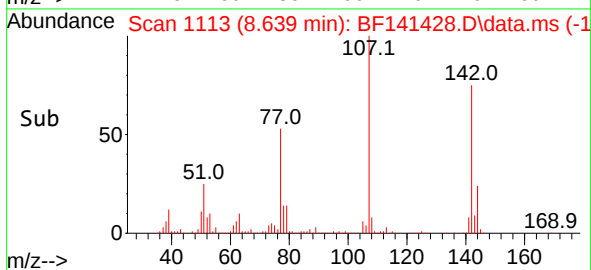
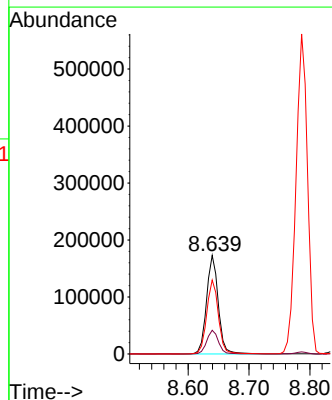
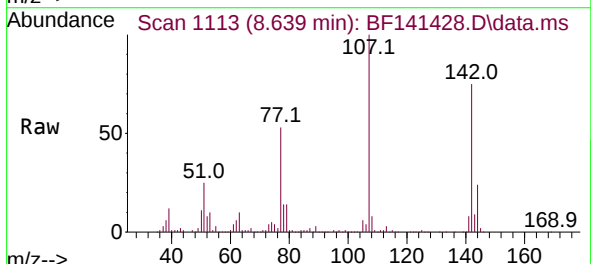
Instrument :
 BNA_F
 ClientSampleId :
 72-11984MS

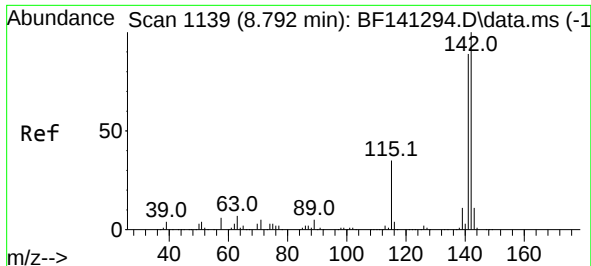
Tgt Ion:113 Resp: 51046
 Ion Ratio Lower Upper
 113 100
 55 195.3 182.9 222.9
 56 149.7 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.841 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: BF141428.D
 Acq: 04 Feb 2025 23:56

Tgt Ion:107 Resp: 232343
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.7 31.1
 142 75.0 63.8 95.8

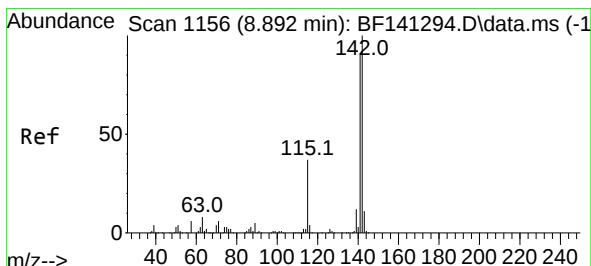
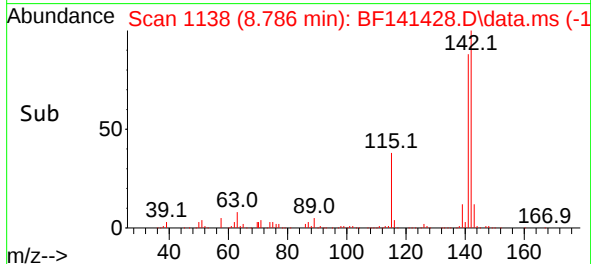
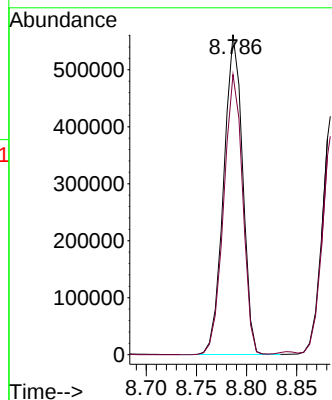
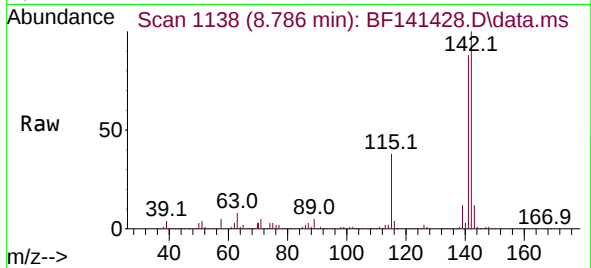




#37
2-Methylnaphthalene
Concen: 59.714 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

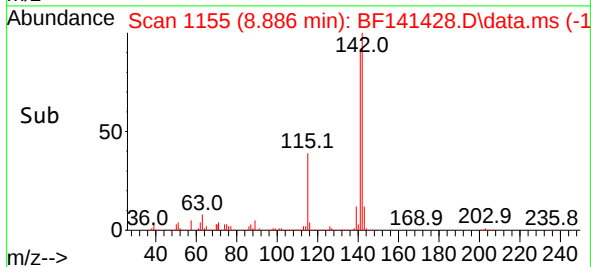
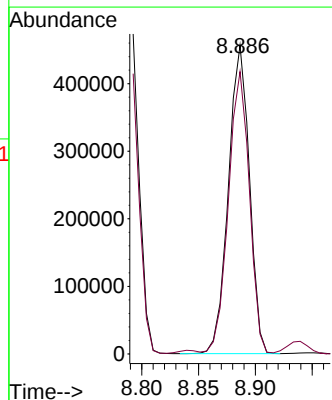
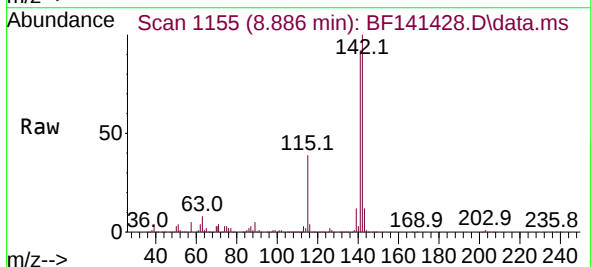
Instrument :
BNA_F
ClientSampleId :
72-11984MS

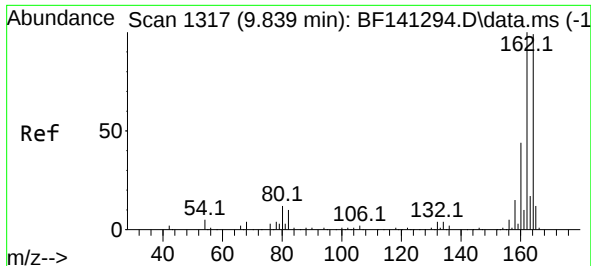
Tgt Ion:142 Resp: 736084
Ion Ratio Lower Upper
142 100
141 87.6 71.3 106.9



#38
1-Methylnaphthalene
Concen: 48.427 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

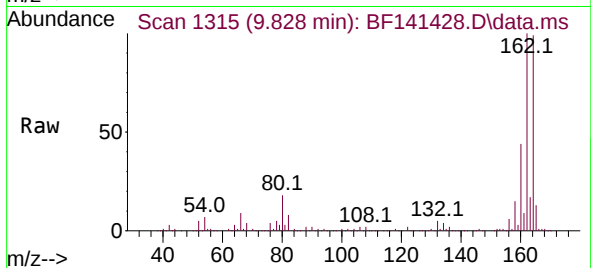
Tgt Ion:142 Resp: 586387
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8



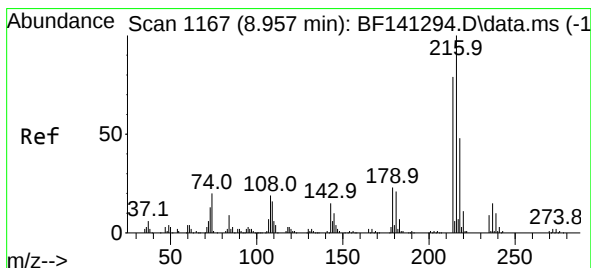
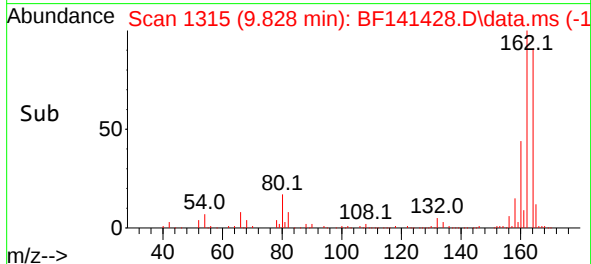
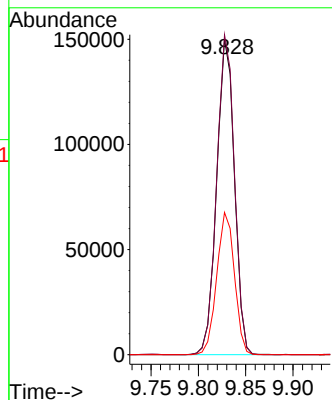


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Instrument :
BNA_F
ClientSampleId :
72-11984MS

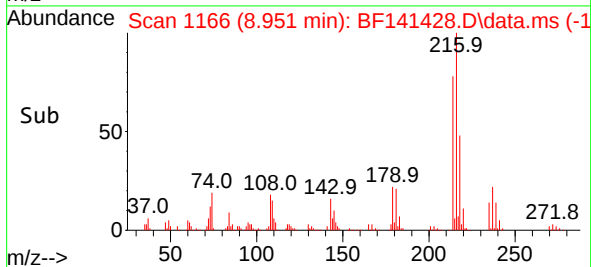
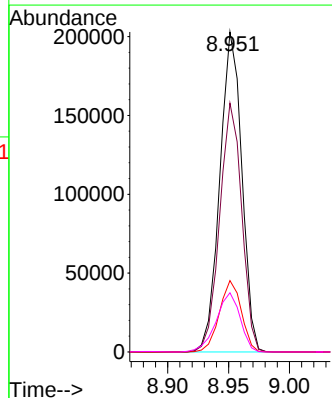
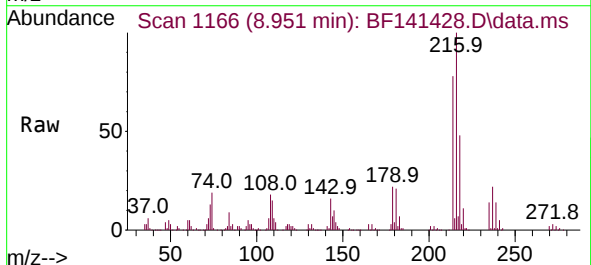


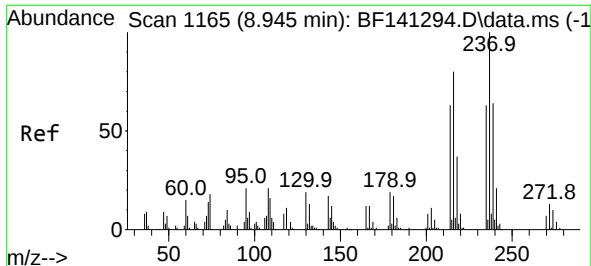
Tgt Ion:164 Resp: 195792
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 45.1 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.764 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:216 Resp: 254907
Ion Ratio Lower Upper
216 100
214 77.6 63.2 94.8
179 22.3 17.8 26.8
108 20.2 15.0 22.6

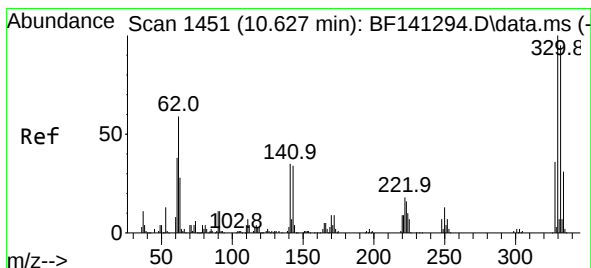
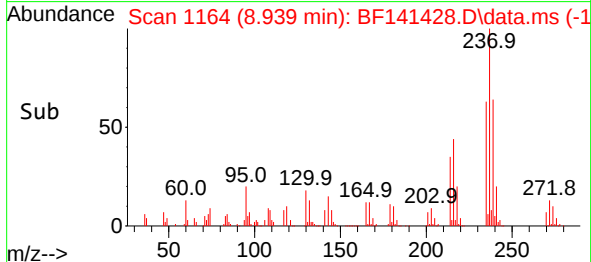
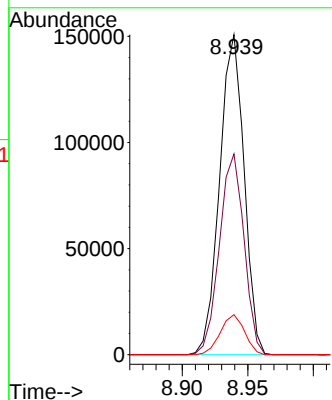
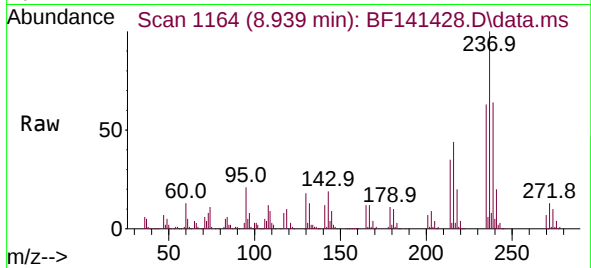




#41
Hexachlorocyclopentadiene
Concen: 118.931 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

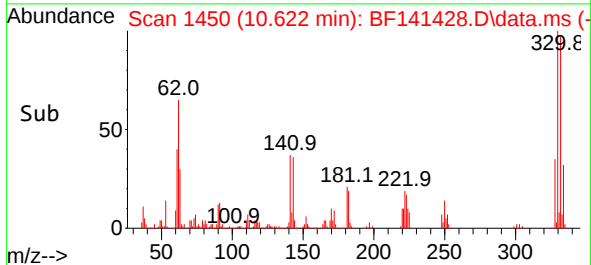
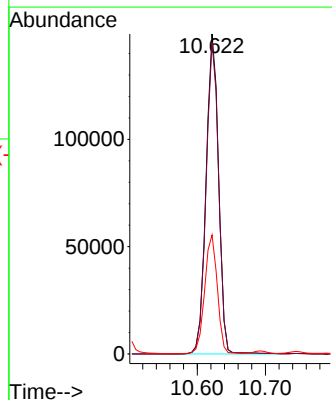
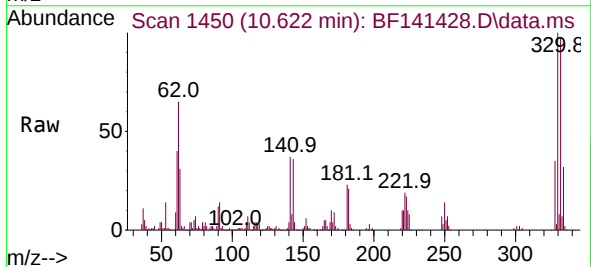
Instrument :
BNA_F
ClientSampleId :
72-11984MS

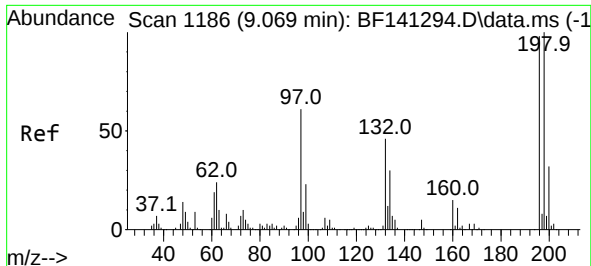
Tgt Ion:237 Resp: 195641
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 12.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 106.121 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:330 Resp: 190484
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 37.3 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 41.303 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

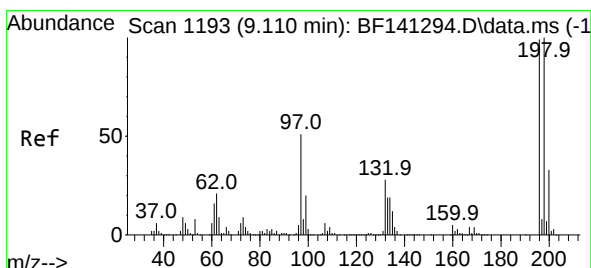
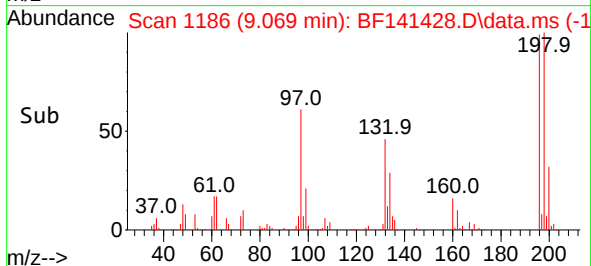
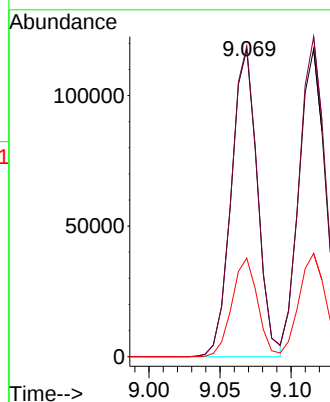
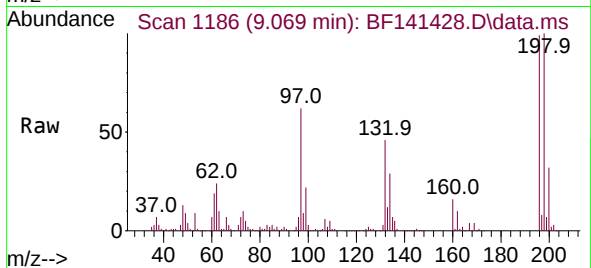
Tgt Ion:196 Resp: 150583

Ion Ratio Lower Upper

196 100

198 101.1 81.8 122.6

200 32.1 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 39.319 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Tgt Ion:196 Resp: 156020

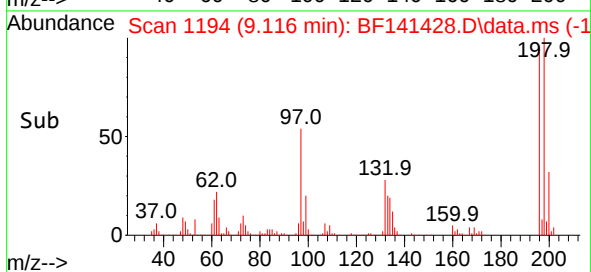
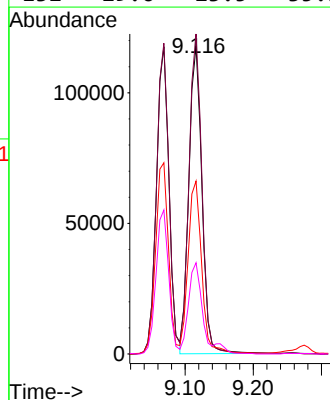
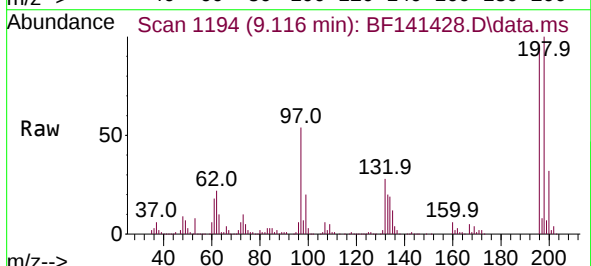
Ion Ratio Lower Upper

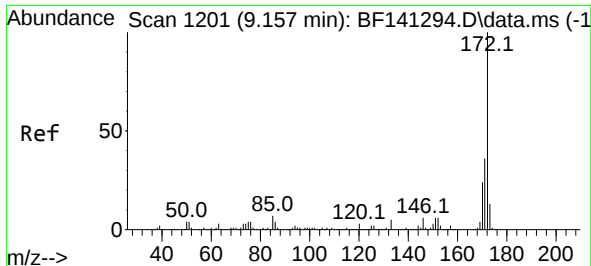
196 100

198 103.9 80.5 120.7

97 56.1 42.8 64.2

132 29.6 23.5 35.3

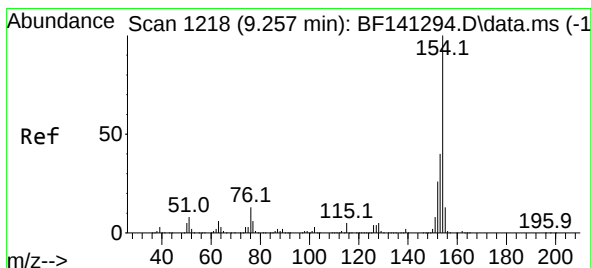
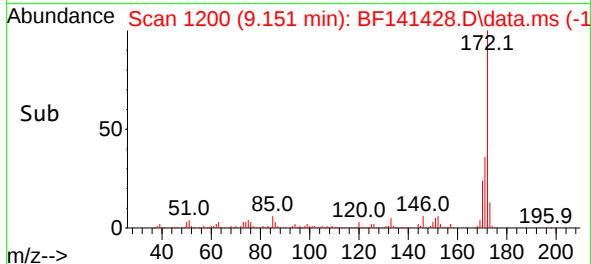
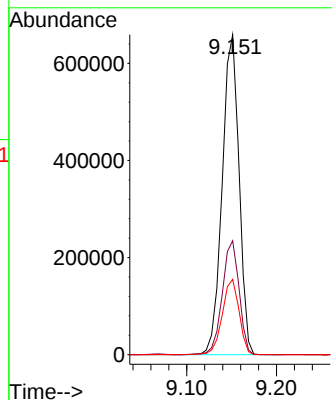
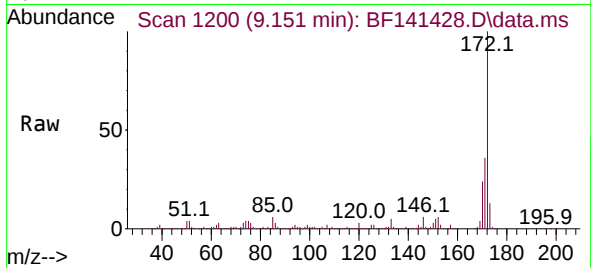




#45
2-Fluorobiphenyl
Concen: 67.360 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

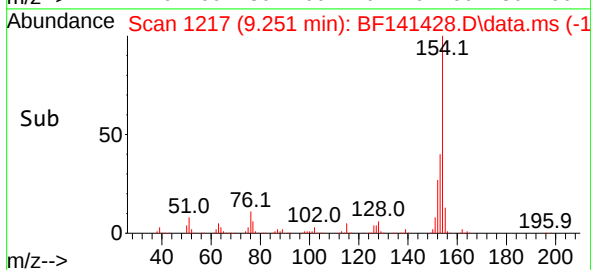
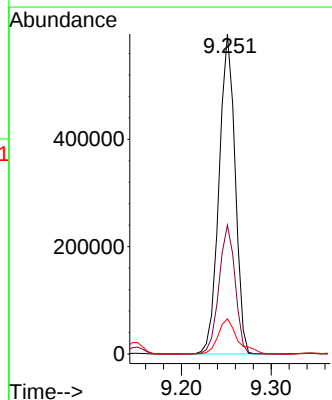
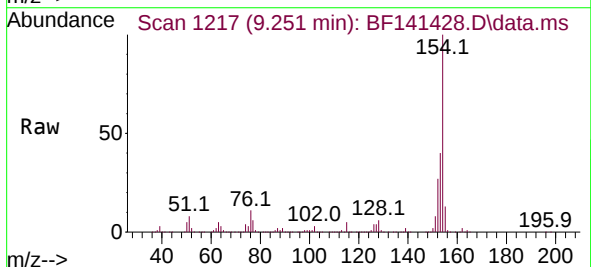
Instrument :
BNA_F
ClientSampleId :
72-11984MS

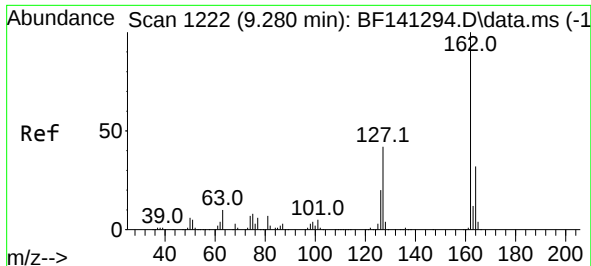
Tgt Ion:172 Resp: 856845
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.595 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:154 Resp: 742011
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 11.0 0.0 32.8

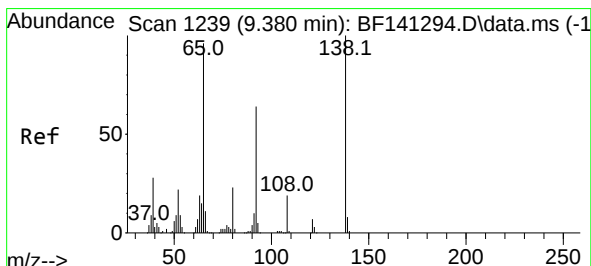
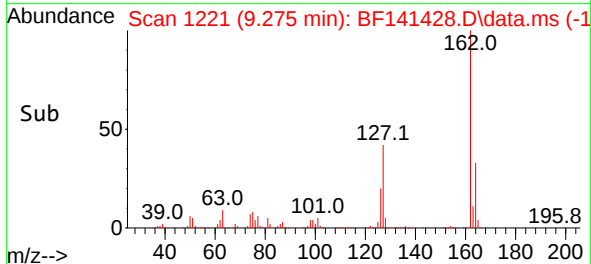
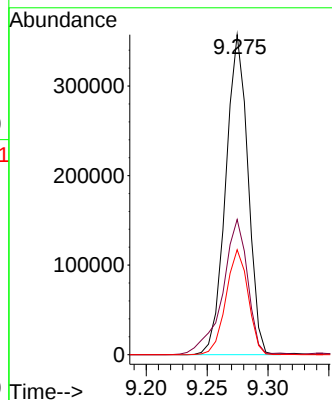
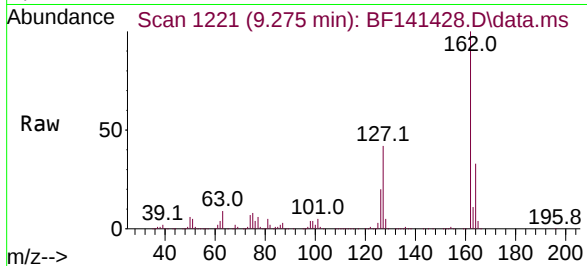




#47
2-Chloronaphthalene
Concen: 38.093 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

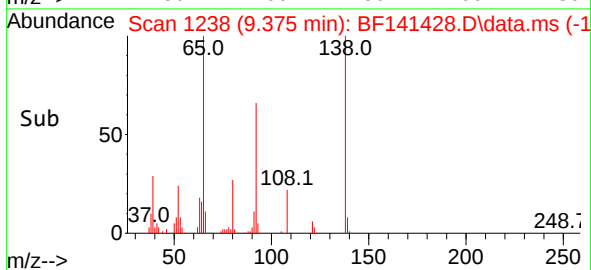
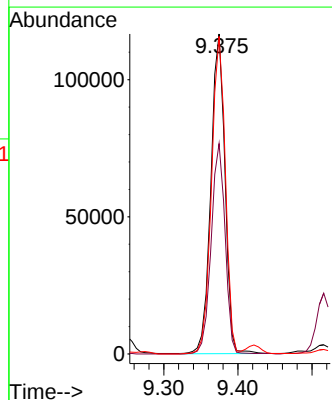
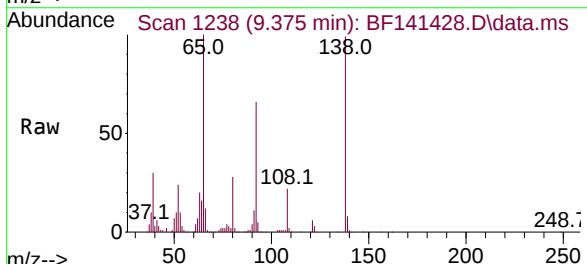
Instrument :
BNA_F
ClientSampleId :
72-11984MS

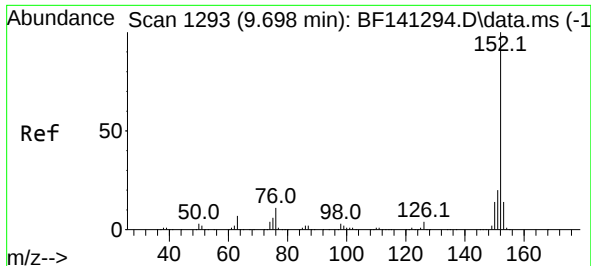
Tgt Ion:162 Resp: 453369
Ion Ratio Lower Upper
162 100
127 42.3 33.7 50.5
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 41.027 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion: 65 Resp: 153587
Ion Ratio Lower Upper
65 100
92 65.8 53.3 79.9
138 99.3 83.6 125.4

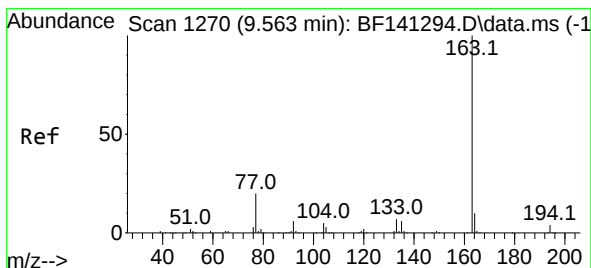
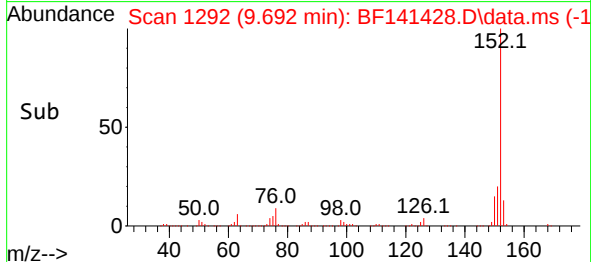
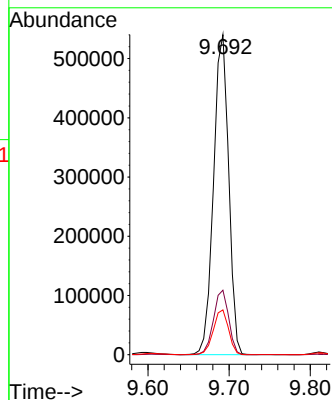
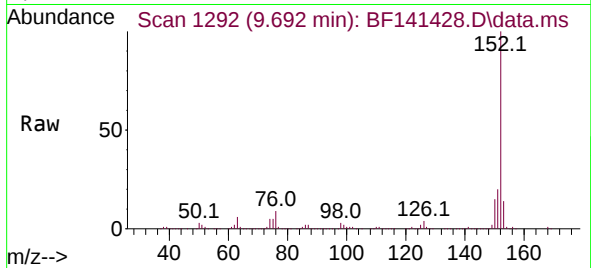




#49
Acenaphthylene
Concen: 41.926 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

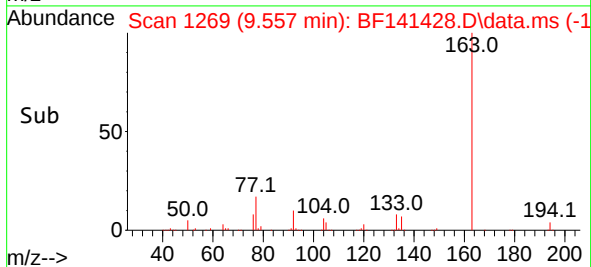
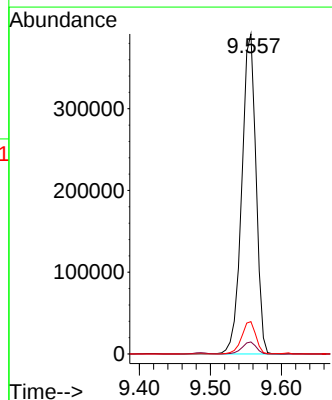
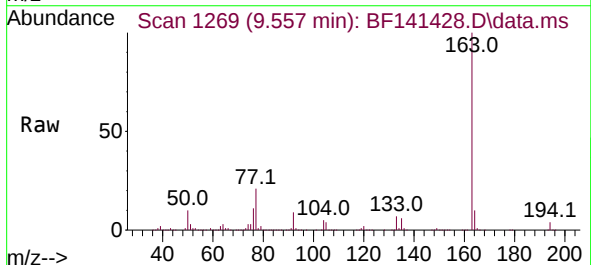
Instrument :
BNA_F
ClientSampleId :
72-11984MS

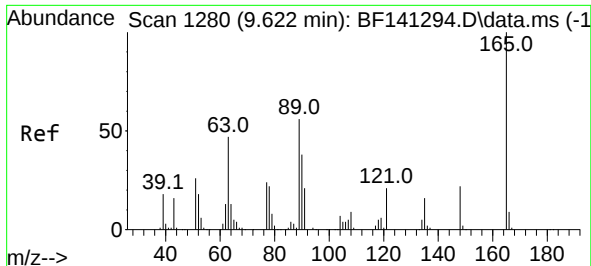
Tgt Ion:152 Resp: 698501
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.0 11.0 16.6



#50
Dimethylphthalate
Concen: 41.277 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:163 Resp: 545841
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 38.176 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

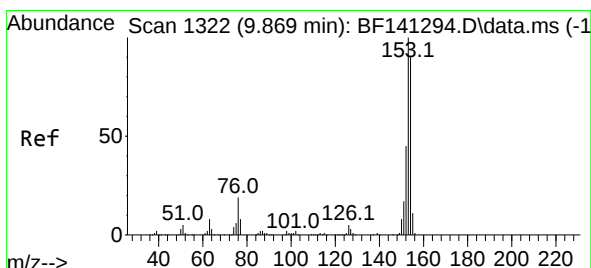
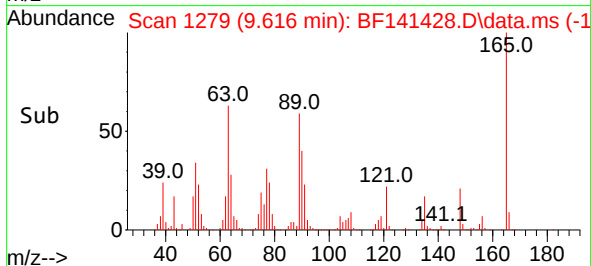
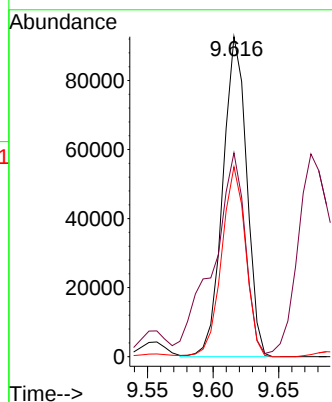
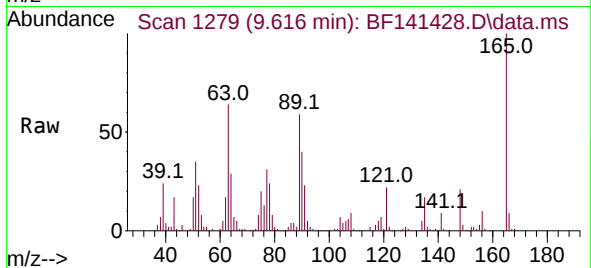
Tgt Ion:165 Resp: 117214

Ion Ratio Lower Upper

165 100

63 63.7 48.1 72.1

89 59.3 44.9 67.3



#52

Acenaphthene

Concen: 64.428 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

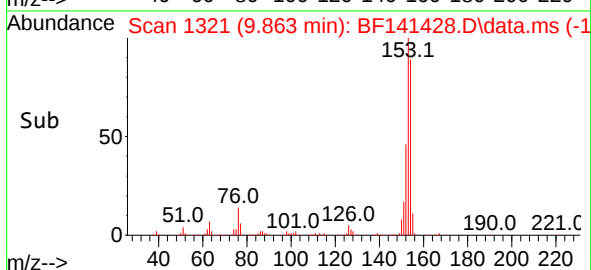
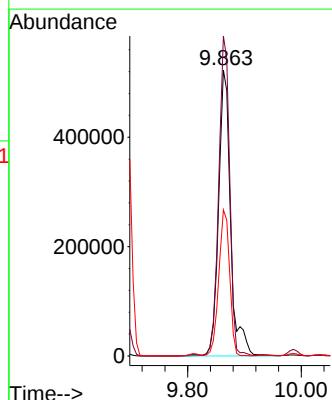
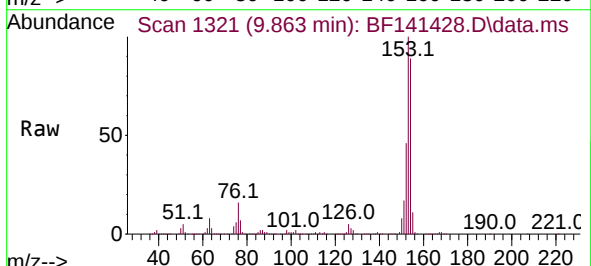
Tgt Ion:154 Resp: 766827

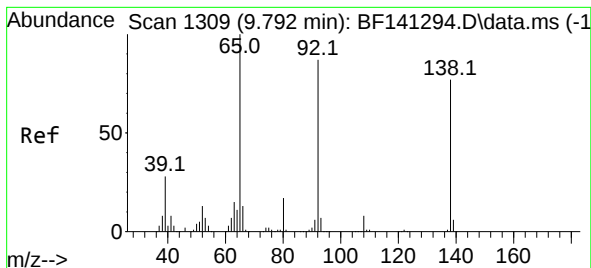
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.4

152 51.1 40.2 60.4

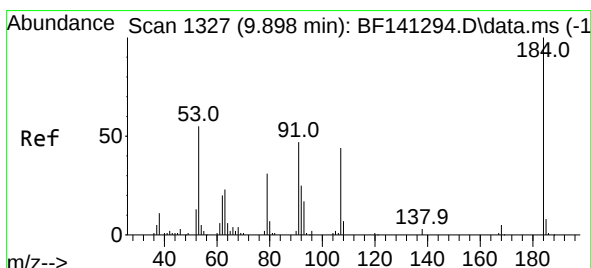
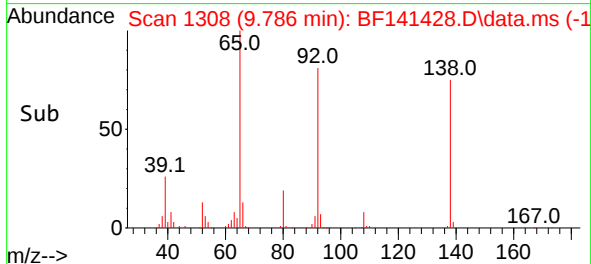
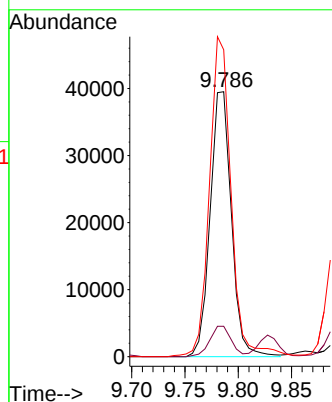
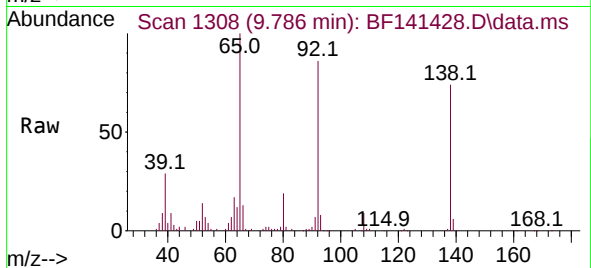




#53
3-Nitroaniline
Concen: 18.231 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

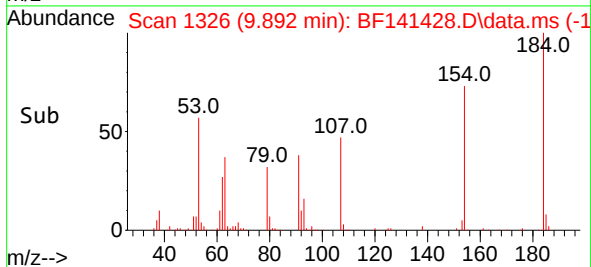
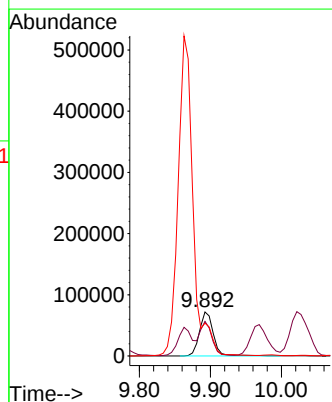
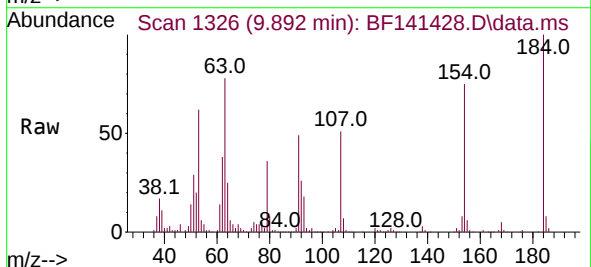
Instrument :
BNA_F
ClientSampleId :
72-11984MS

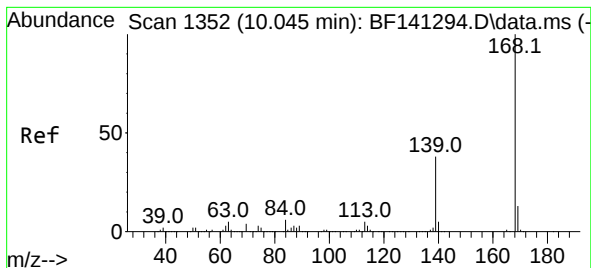
Tgt Ion:138 Resp: 54863
Ion Ratio Lower Upper
138 100
108 11.5 8.6 12.8
92 115.9 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 68.653 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:184 Resp: 97987
Ion Ratio Lower Upper
184 100
63 78.3 54.1 81.1
154 74.5 50.7 76.1





#55

Dibenzofuran

Concen: 54.802 ng

RT: 10.039 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

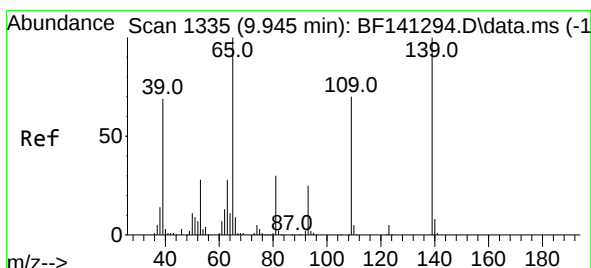
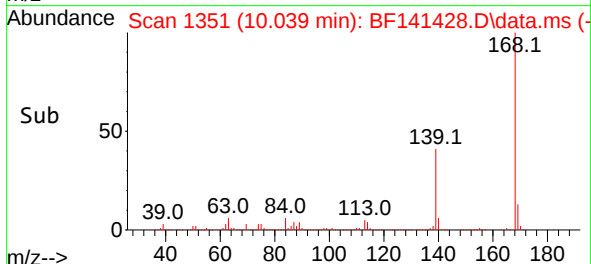
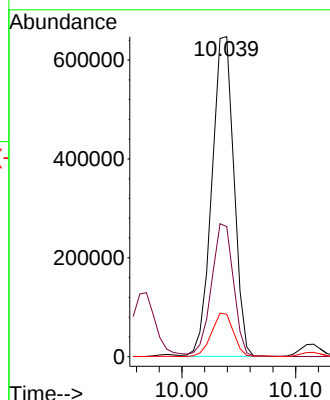
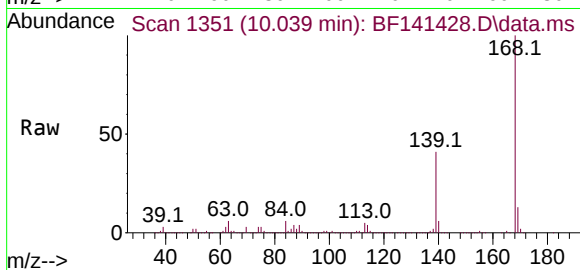
Tgt Ion:168 Resp: 873077

Ion Ratio Lower Upper

168 100

139 40.6 30.6 46.0

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 86.708 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.012 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

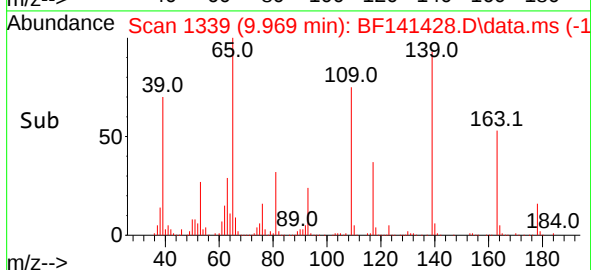
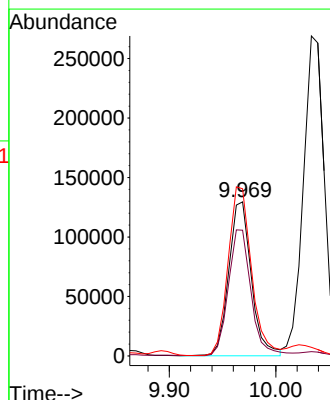
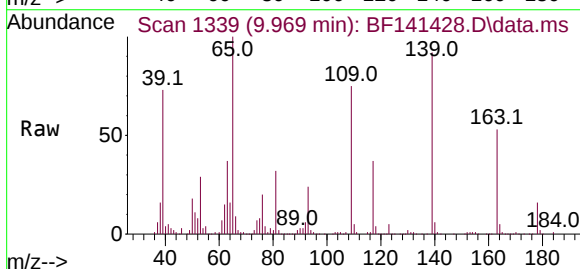
Tgt Ion:139 Resp: 190830

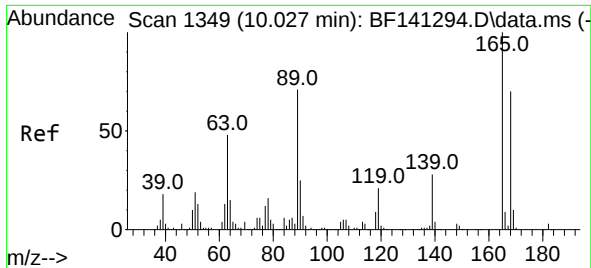
Ion Ratio Lower Upper

139 100

109 81.6 50.2 90.2

65 108.6 80.6 120.6

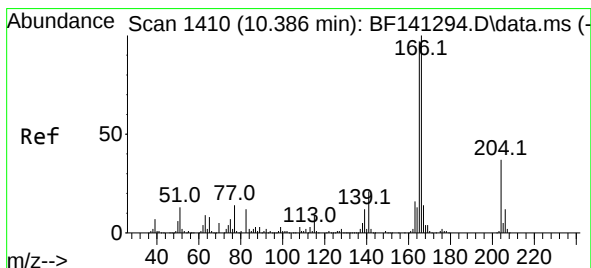
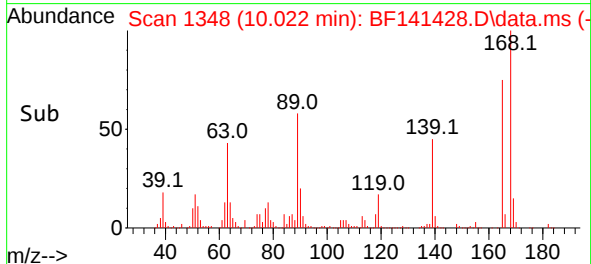
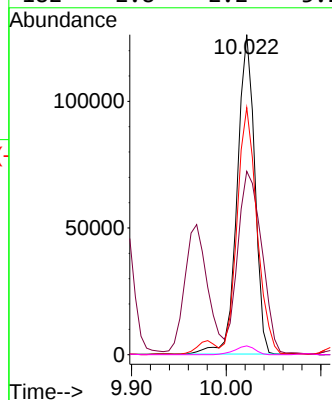
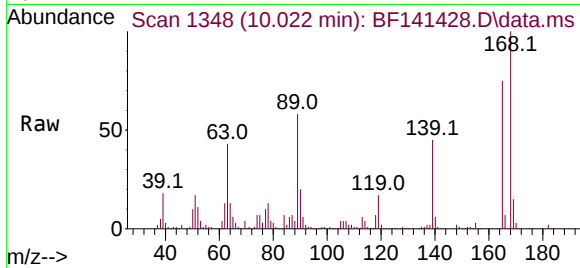




#57
2,4-Dinitrotoluene
Concen: 40.804 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

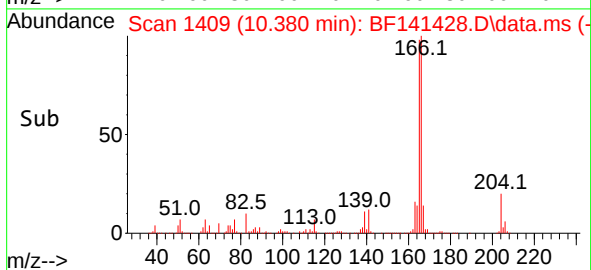
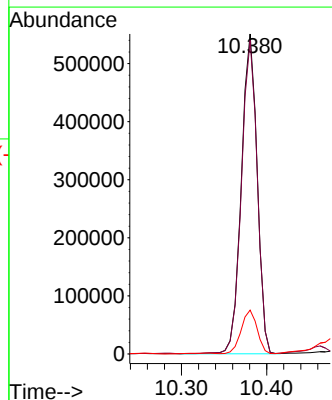
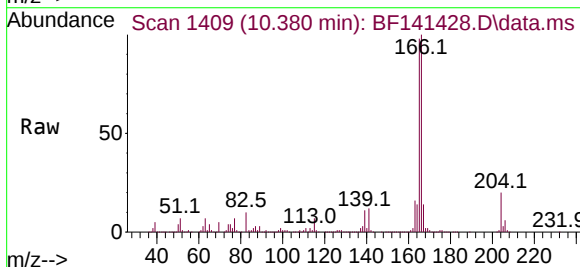
Instrument :
BNA_F
ClientSampleId :
72-11984MS

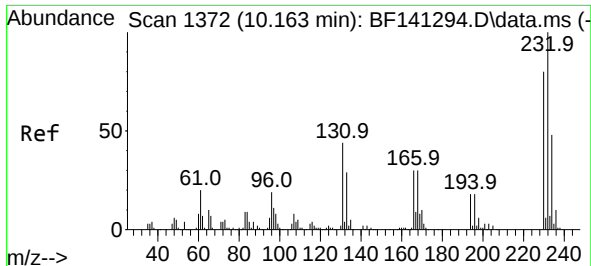
Tgt Ion:165 Resp: 162208
Ion Ratio Lower Upper
165 100
63 57.3 39.2 58.8
89 77.2 56.9 85.3
182 2.8 2.2 3.2



#58
Fluorene
Concen: 57.284 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:166 Resp: 707908
Ion Ratio Lower Upper
166 100
165 98.0 77.5 116.3
167 13.7 10.9 16.3

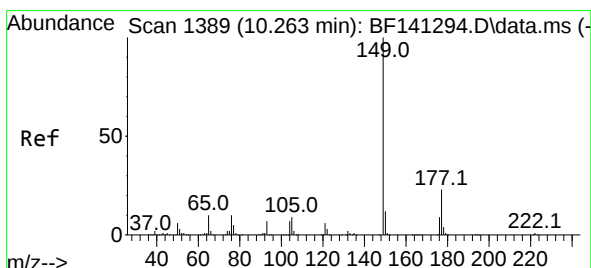
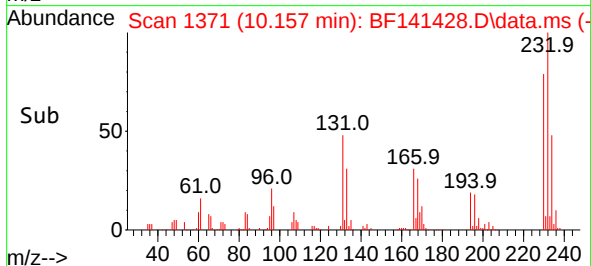
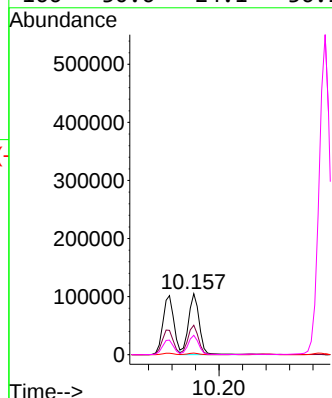
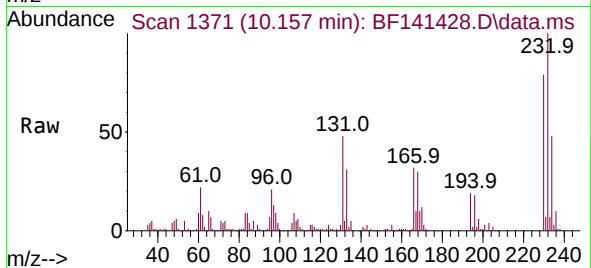




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.643 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

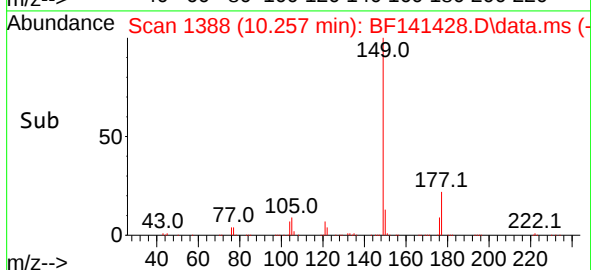
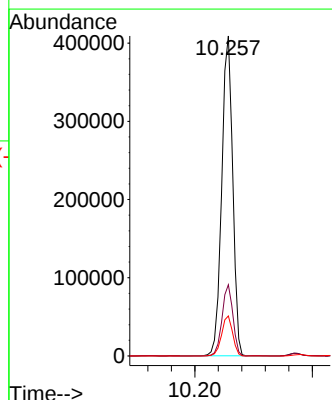
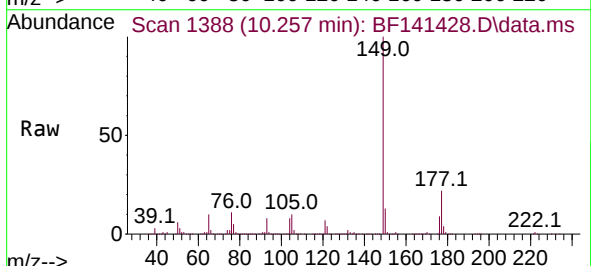
Instrument :
BNA_F
ClientSampleId :
72-11984MS

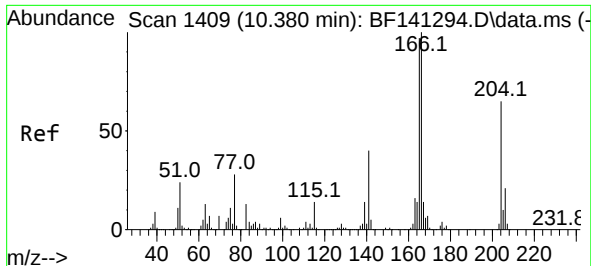
Tgt Ion:232 Resp: 133120
Ion Ratio Lower Upper
232 100
131 47.8 36.4 54.6
130 2.7 1.9 2.9
166 30.6 24.1 36.1



#60
Diethylphthalate
Concen: 41.306 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:149 Resp: 529623
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.5 10.0 15.0

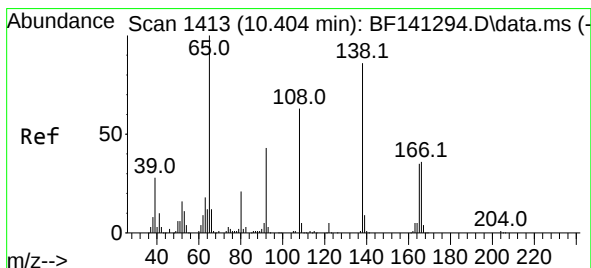
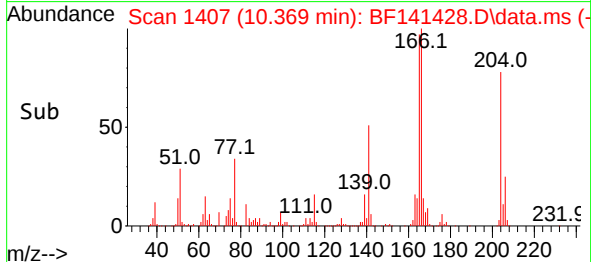
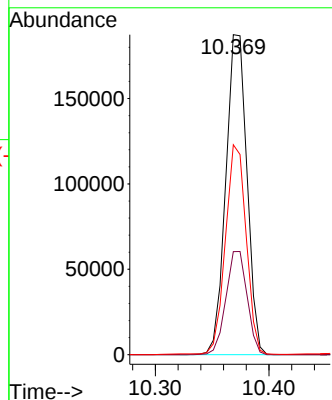
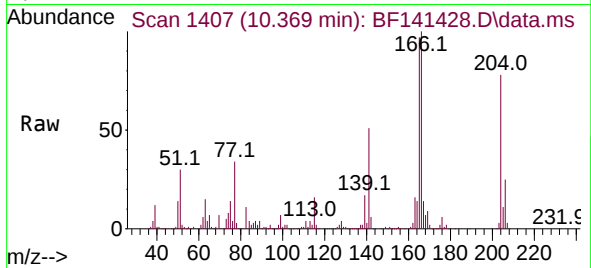




#61
4-Chlorophenyl-phenylether
Concen: 40.179 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

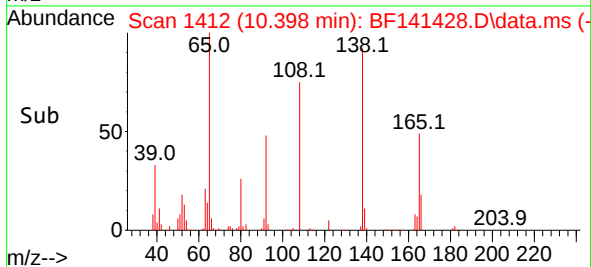
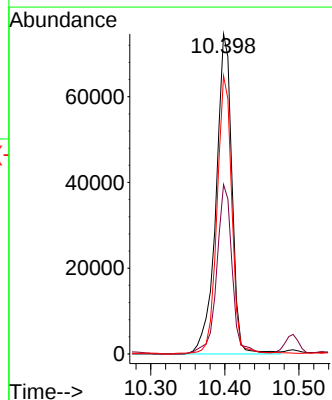
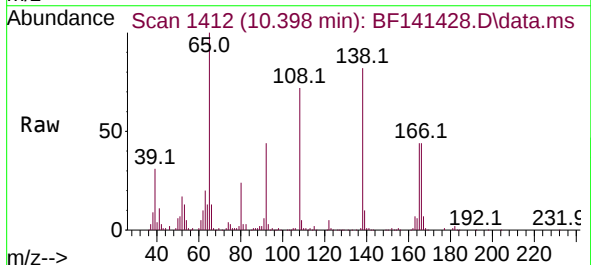
Instrument :
BNA_F
ClientSampleId :
72-11984MS

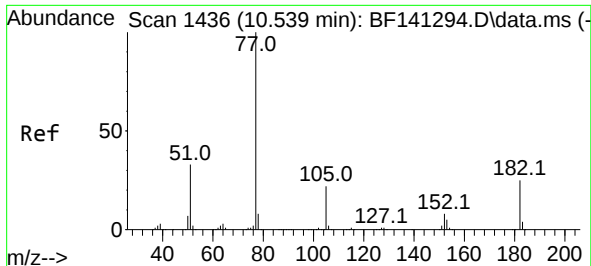
Tgt Ion:204 Resp: 242541
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 65.6 49.5 74.3



#62
4-Nitroaniline
Concen: 37.743 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:138 Resp: 111667
Ion Ratio Lower Upper
138 100
92 52.9 30.1 70.1
108 86.9 53.1 93.1

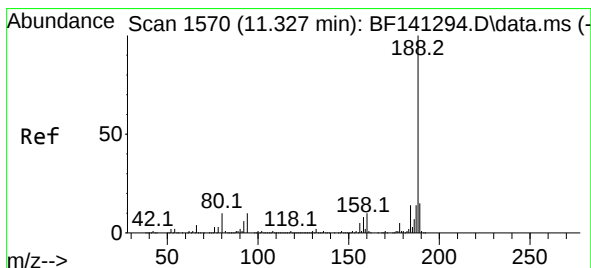
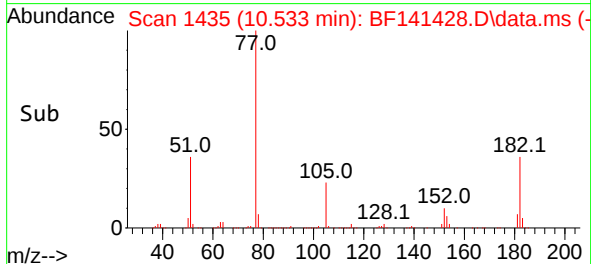
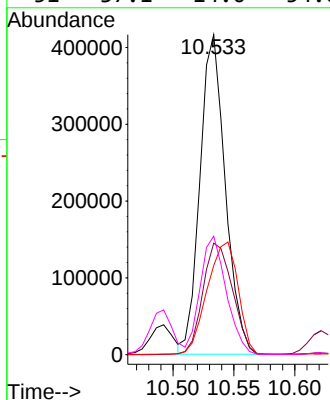
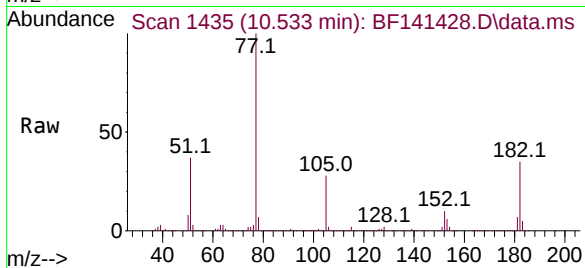




#63
Azobenzene
Concen: 46.938 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

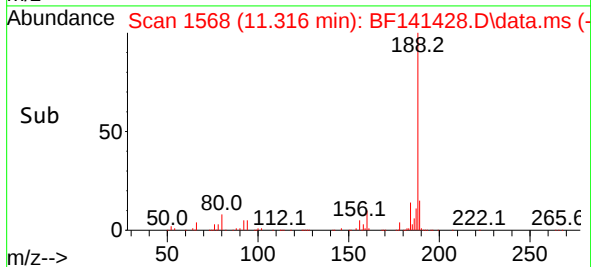
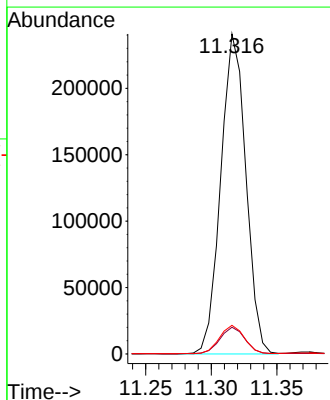
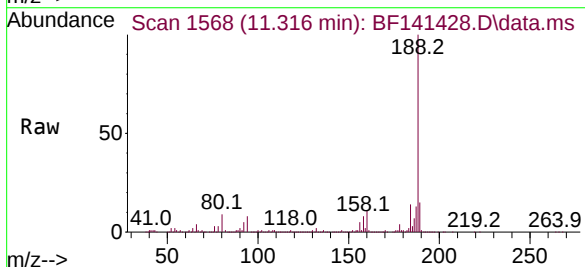
Instrument :
BNA_F
ClientSampleId :
72-11984MS

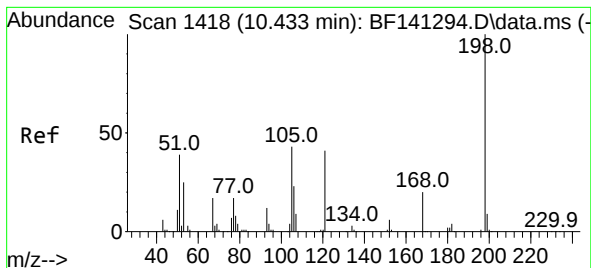
Tgt Ion: 77 Resp: 602420
Ion Ratio Lower Upper
77 100
182 34.9 5.1 45.1
105 27.8 1.8 41.8
51 37.1 14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion: 188 Resp: 321011
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 8.9 8.2 12.4

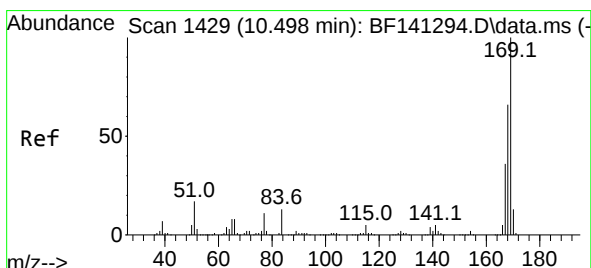
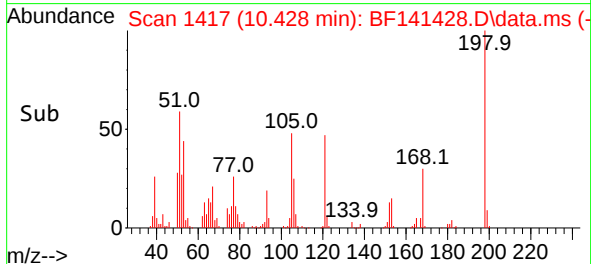
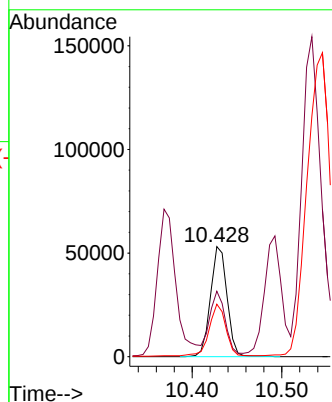
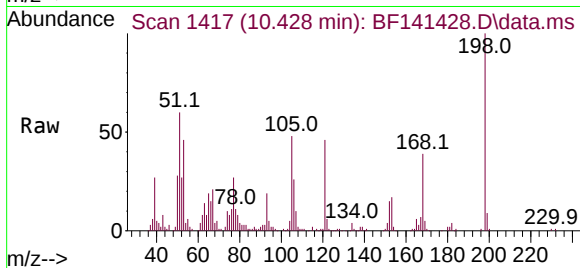




#65
4,6-Dinitro-2-methylphenol
Concen: 35.857 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

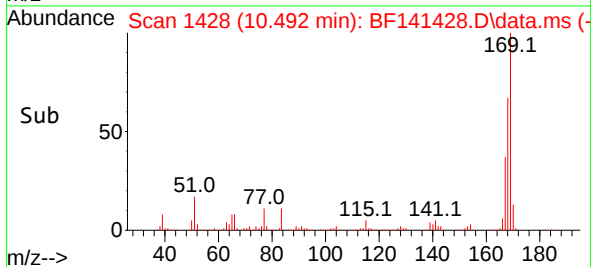
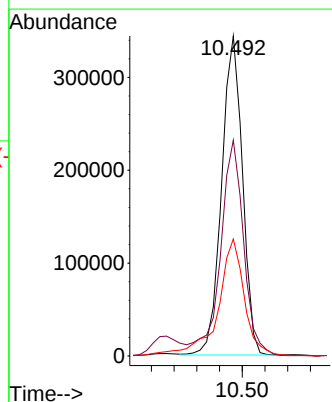
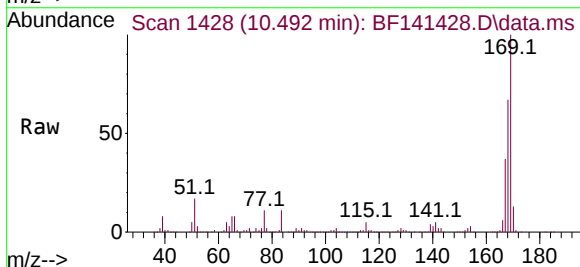
Instrument :
BNA_F
ClientSampleId :
72-11984MS

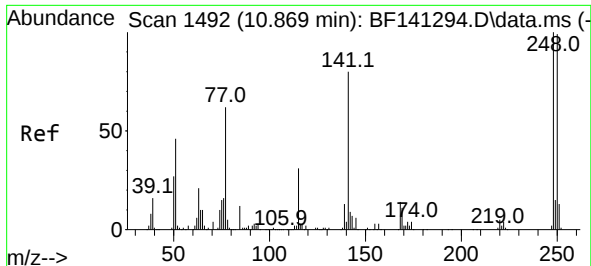
Tgt Ion:198 Resp: 68085
Ion Ratio Lower Upper
198 100
51 59.5 33.4 73.4
105 47.8 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 42.206 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:169 Resp: 438215
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 36.6 28.8 43.2

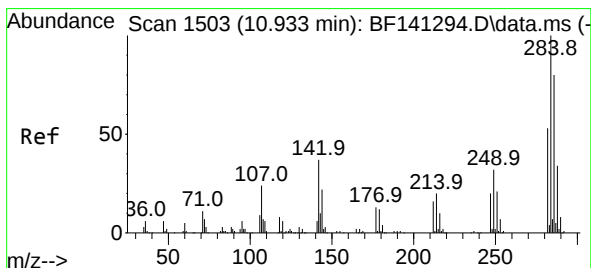
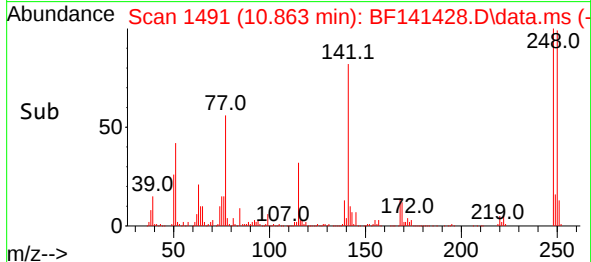
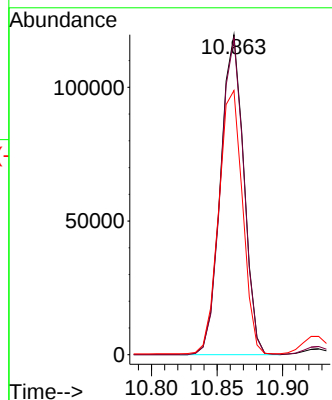
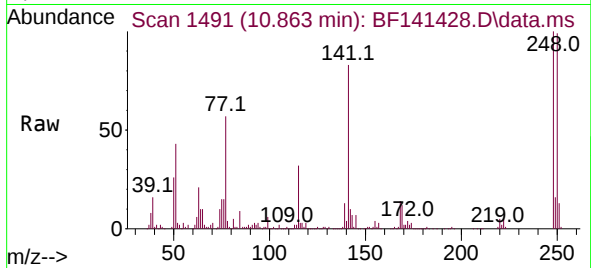




#67
4-Bromophenyl-phenylether
Concen: 41.032 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

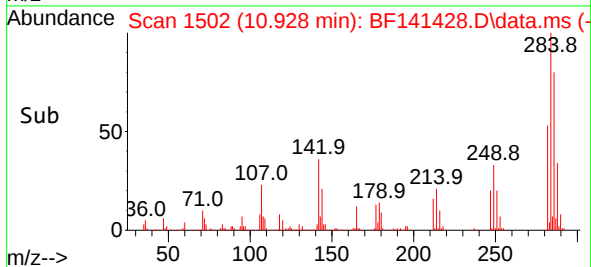
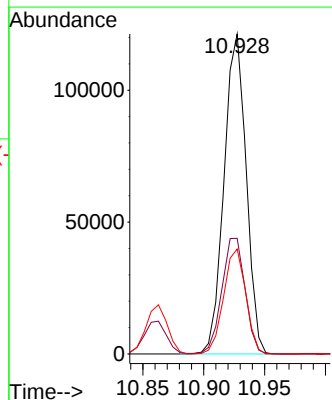
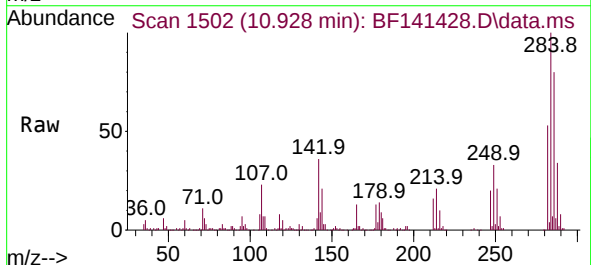
Instrument :
BNA_F
ClientSampleId :
72-11984MS

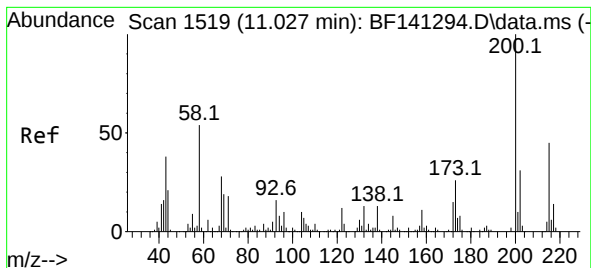
Tgt Ion:248 Resp: 147463
Ion Ratio Lower Upper
248 100
250 98.8 79.0 118.4
141 82.5 63.7 95.5



#68
Hexachlorobenzene
Concen: 40.272 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:284 Resp: 153522
Ion Ratio Lower Upper
284 100
142 36.1 29.5 44.3
249 32.8 25.4 38.2





#69

Atrazine

Concen: 47.893 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

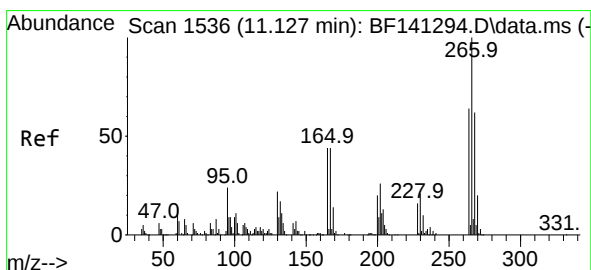
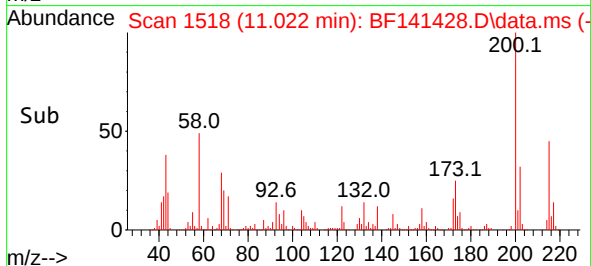
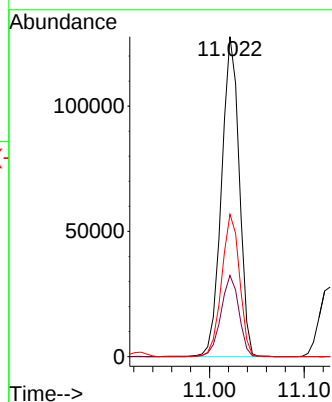
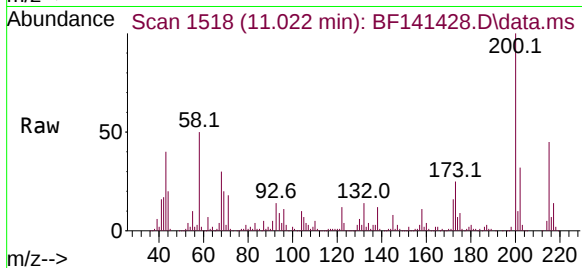
Tgt Ion:200 Resp: 166258

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 44.5 25.2 65.2



#70

Pentachlorophenol

Concen: 87.870 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

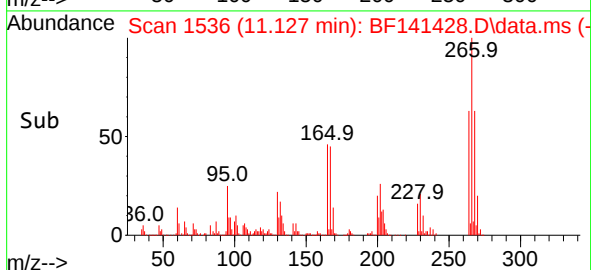
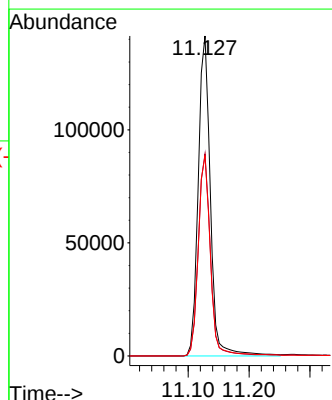
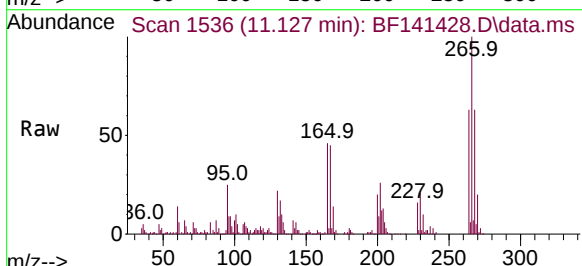
Tgt Ion:266 Resp: 196154

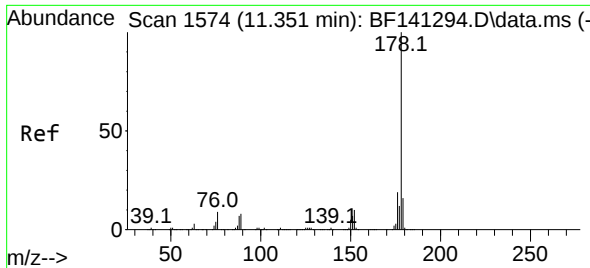
Ion Ratio Lower Upper

266 100

268 63.1 49.9 74.9

264 62.6 51.0 76.4

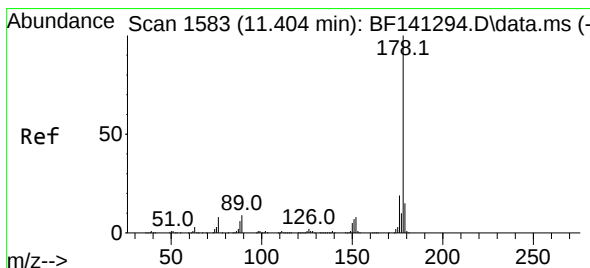
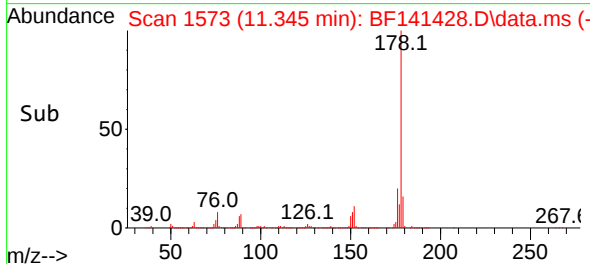
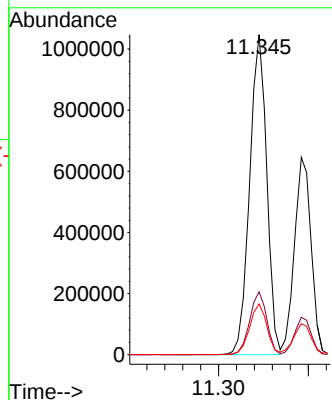
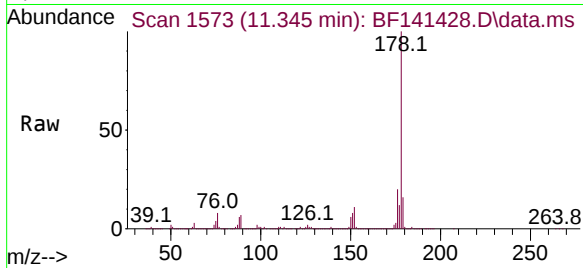




#71
Phenanthrene
Concen: 80.041 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

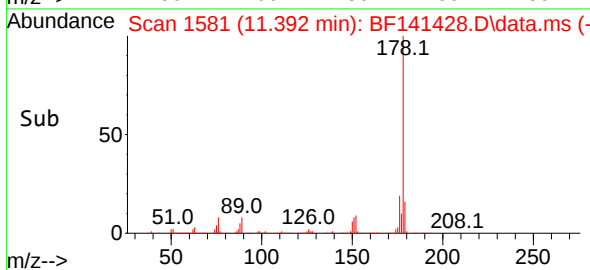
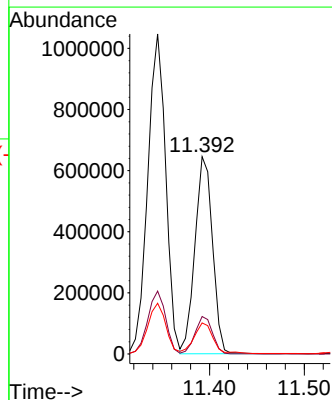
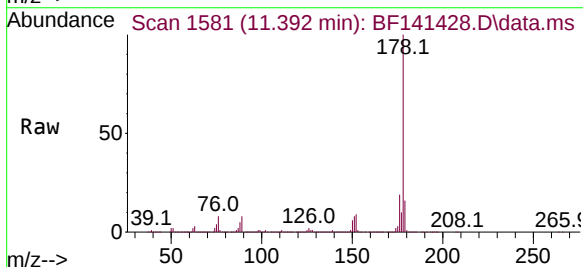
Instrument :
BNA_F
ClientSampleId :
72-11984MS

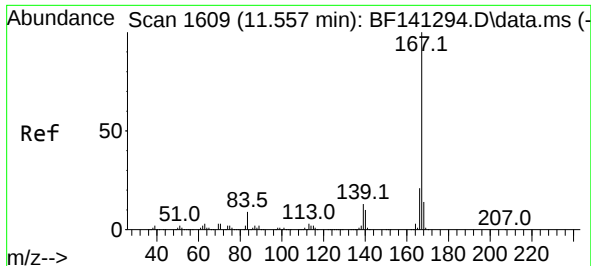
Tgt Ion:178 Resp: 1381163
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.9 12.5 18.7



#72
Anthracene
Concen: 49.238 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

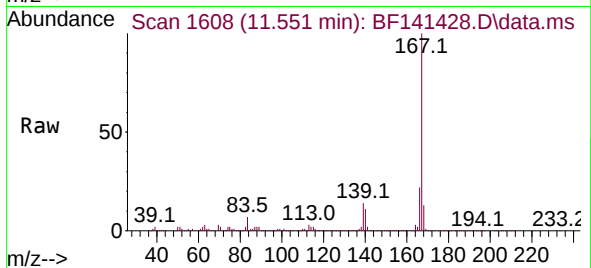
Tgt Ion:178 Resp: 832486
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.7 12.3 18.5



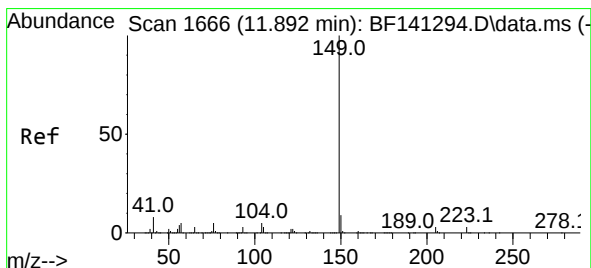
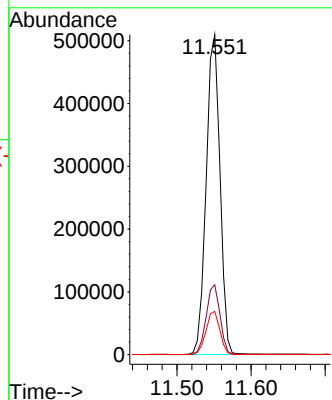
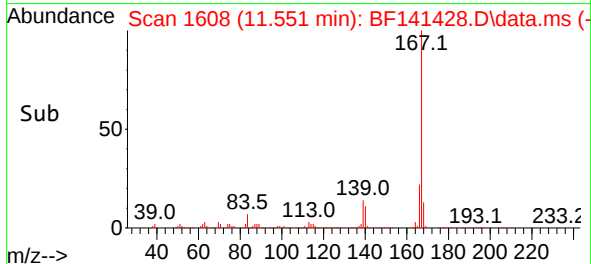


#73
Carbazole
Concen: 44.022 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

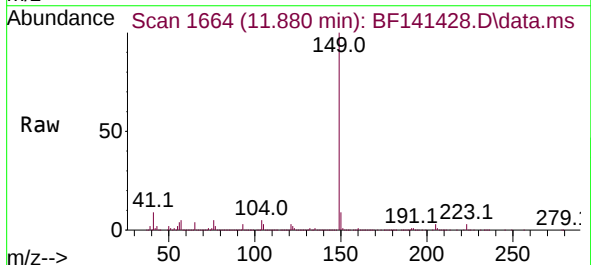
Instrument :
BNA_F
ClientSampleId :
72-11984MS



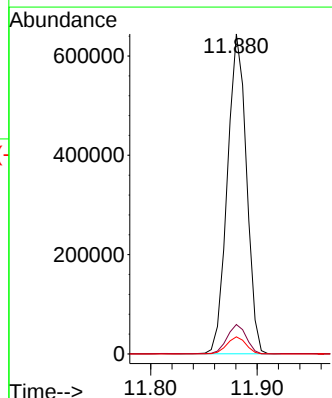
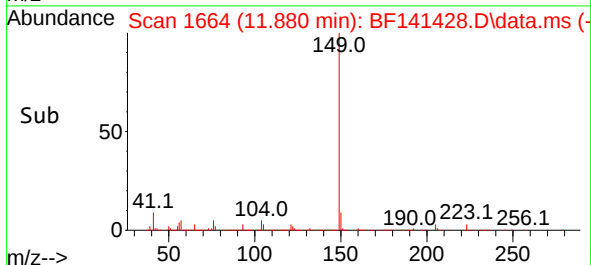
Tgt Ion:167 Resp: 659988
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.6
139 13.5 10.6 16.0

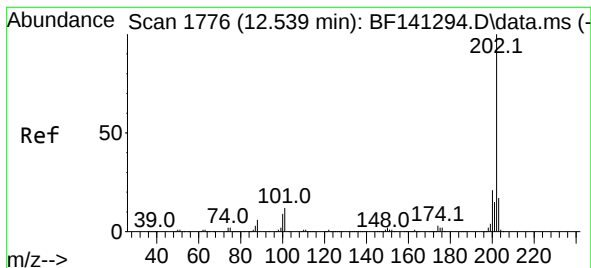


#74
Di-n-butylphthalate
Concen: 44.175 ng
RT: 11.880 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56



Tgt Ion:149 Resp: 802610
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.4 3.9 5.9





#75

Fluoranthene

Concen: 56.895 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

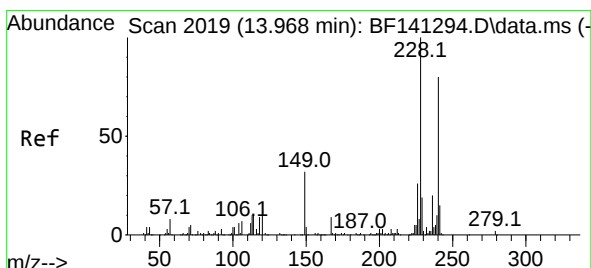
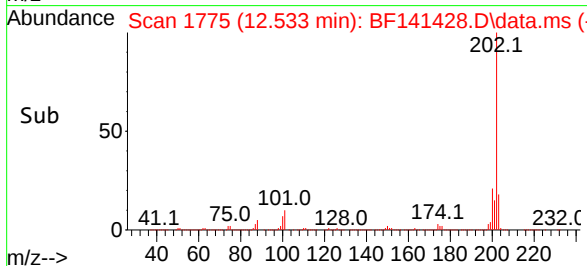
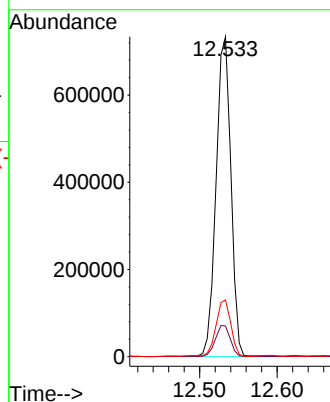
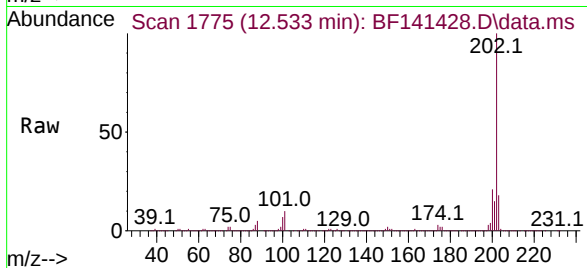
Tgt Ion:202 Resp: 969384

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.7

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

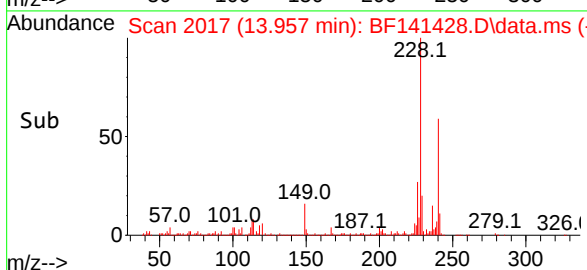
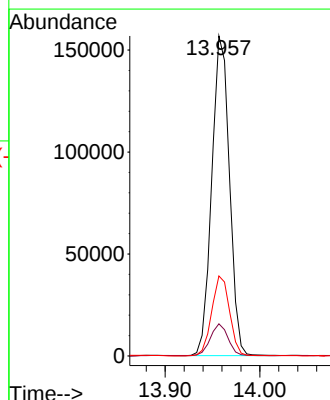
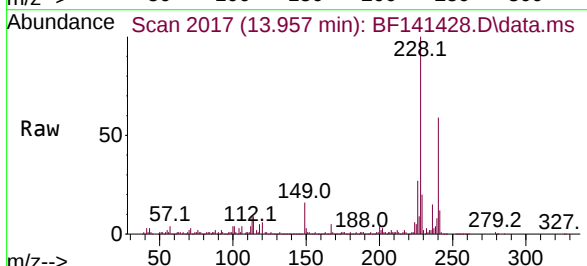
Tgt Ion:240 Resp: 202719

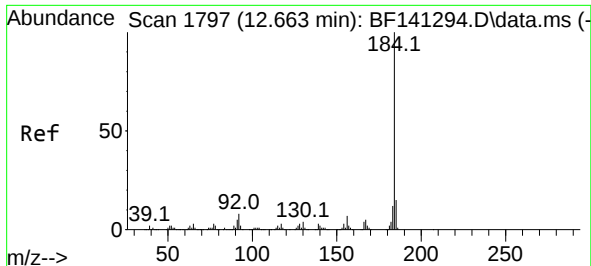
Ion Ratio Lower Upper

240 100

120 10.0 10.0 15.0

236 25.0 19.7 29.5

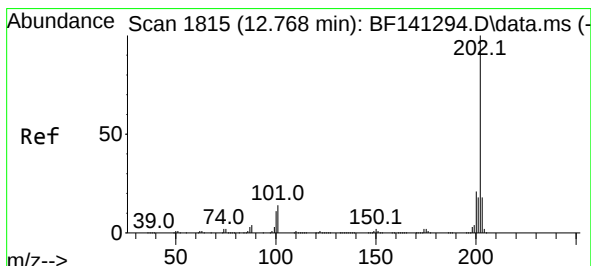
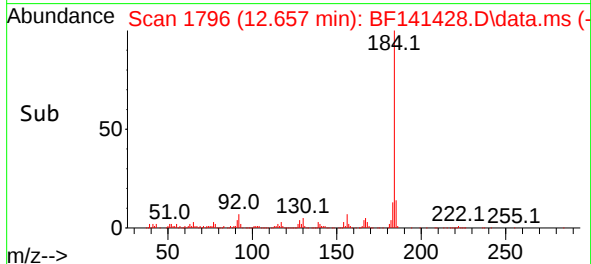
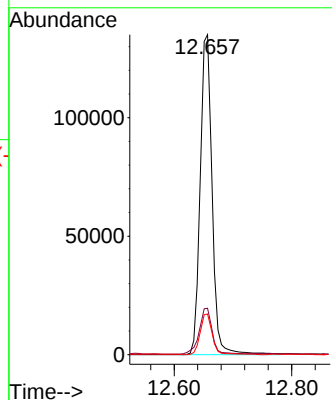
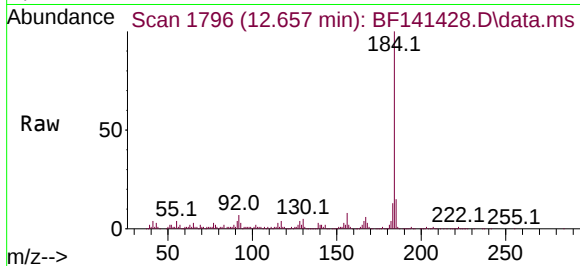




#77
Benzidine
Concen: 29.221 ng
RT: 12.657 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

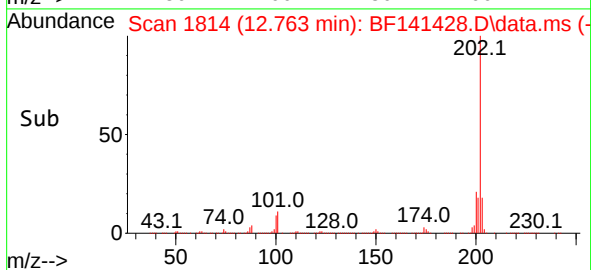
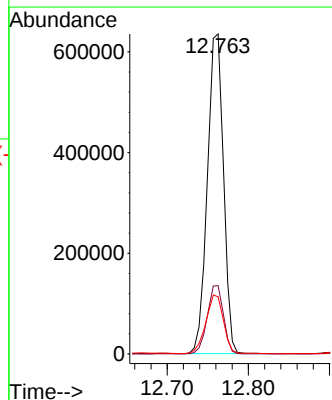
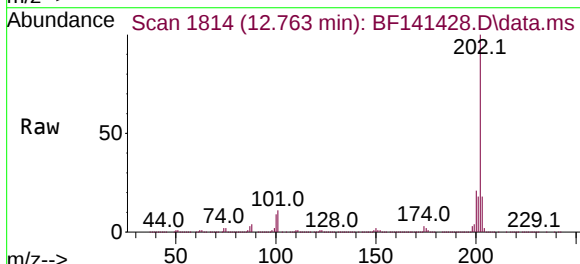
Instrument :
BNA_F
ClientSampleId :
72-11984MS

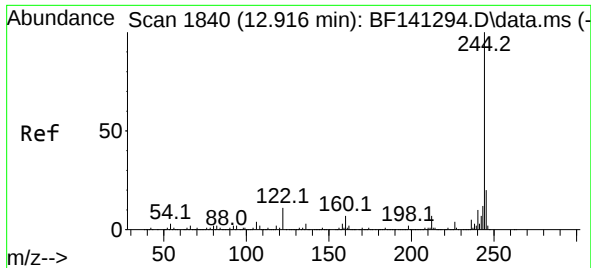
Tgt Ion:184 Resp: 189902
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 12.7 9.5 14.3



#78
Pyrene
Concen: 44.937 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:202 Resp: 874425
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 14.3 21.5

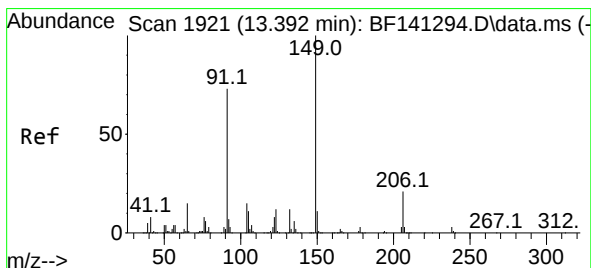
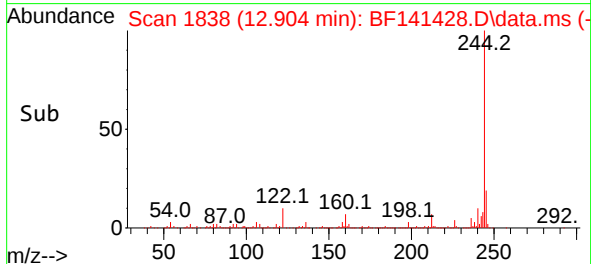
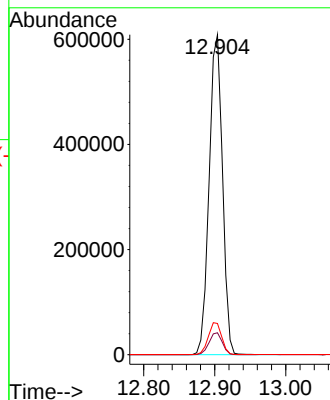
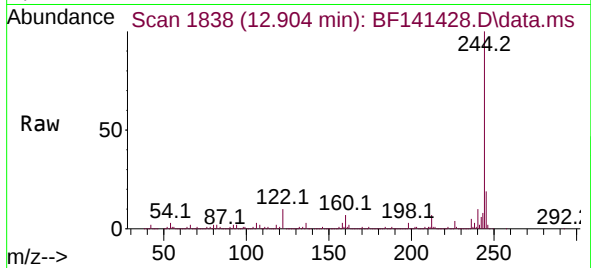




#79
 Terphenyl-d14
 Concen: 60.497 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141428.D
 Acq: 04 Feb 2025 23:56

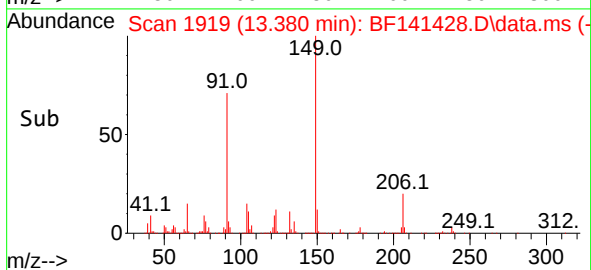
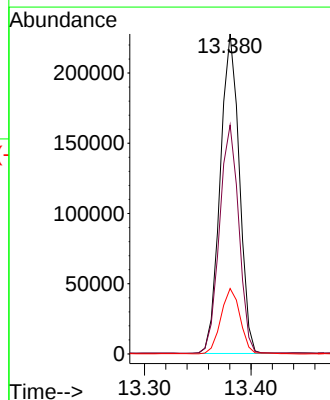
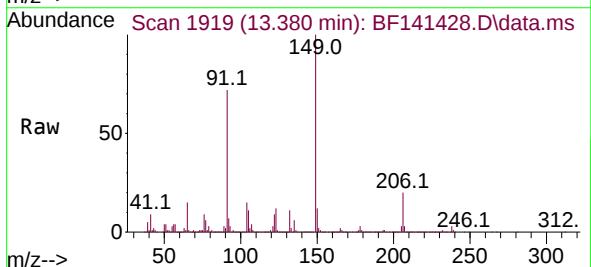
Instrument :
 BNA_F
 ClientSampleId :
 72-11984MS

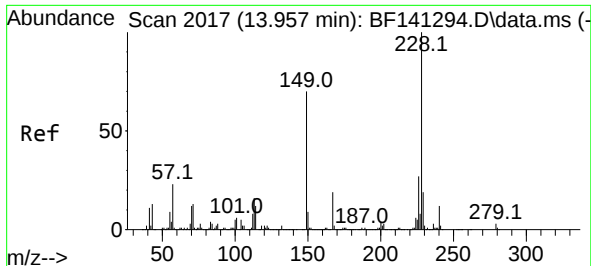
Tgt Ion:244 Resp: 795231
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 41.524 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.012 min
 Lab File: BF141428.D
 Acq: 04 Feb 2025 23:56

Tgt Ion:149 Resp: 282287
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.6 87.8
 206 20.5 16.7 25.1

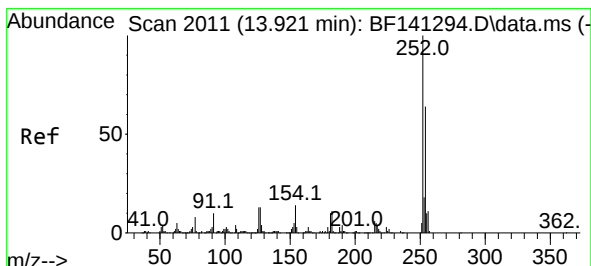
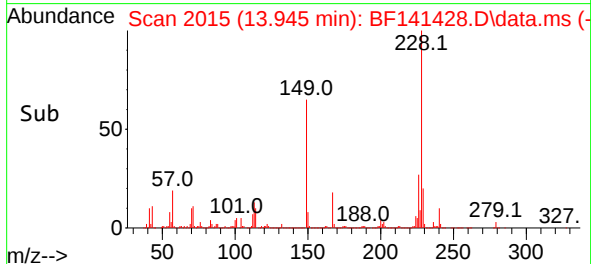
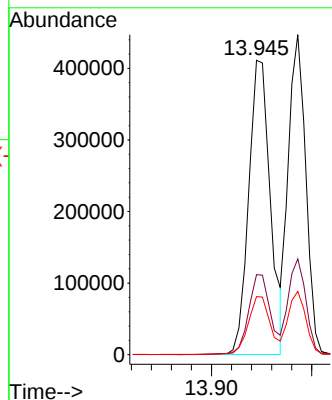
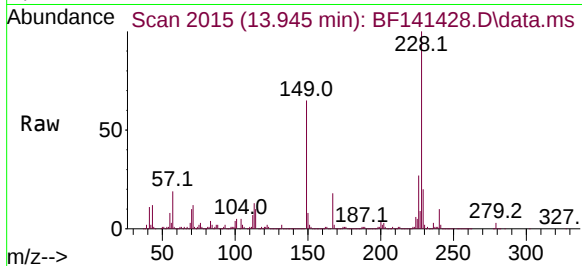




#81
Benzo(a)anthracene
Concen: 44.097 ng
RT: 13.945 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

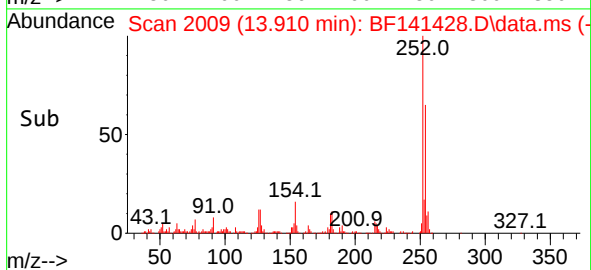
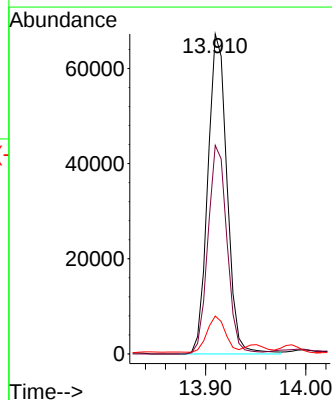
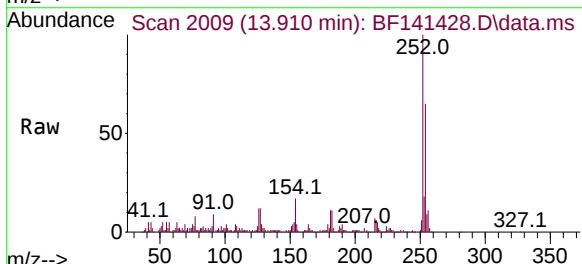
Instrument :
BNA_F
ClientSampleId :
72-11984MS

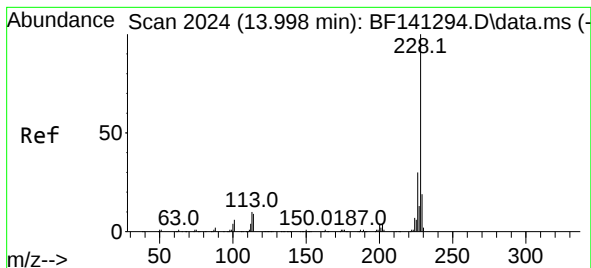
Tgt Ion:228 Resp: 616866
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 20.041 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:252 Resp: 89163
Ion Ratio Lower Upper
252 100
254 65.2 51.3 76.9
126 11.9 10.0 15.0





#83

Chrysene

Concen: 41.955 ng

RT: 13.986 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

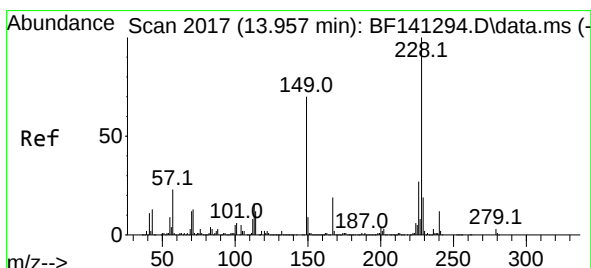
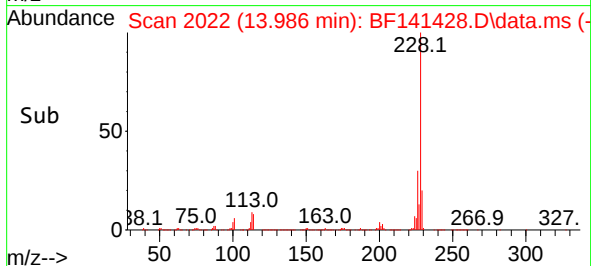
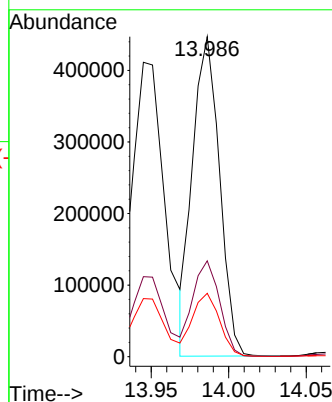
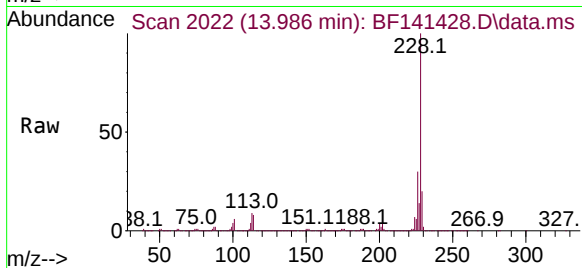
Tgt Ion:228 Resp: 537872

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.006 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

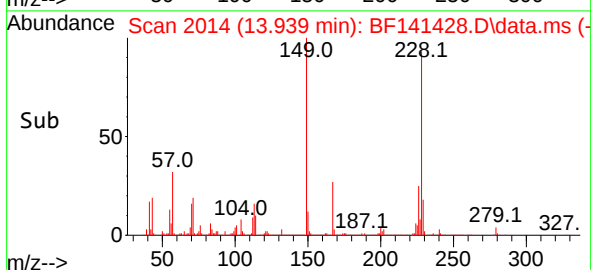
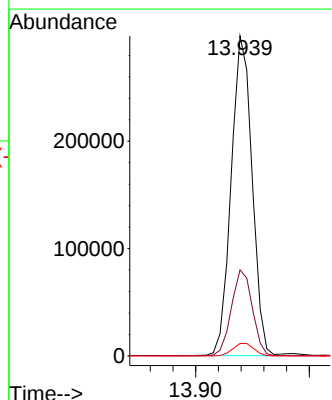
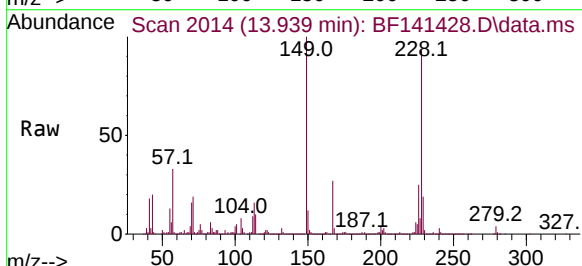
Tgt Ion:149 Resp: 379501

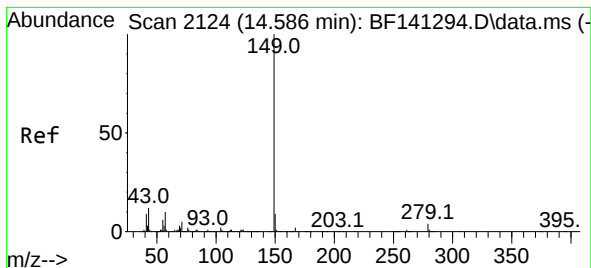
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 47.244 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

Instrument :

BNA_F

ClientSampleId :

72-11984MS

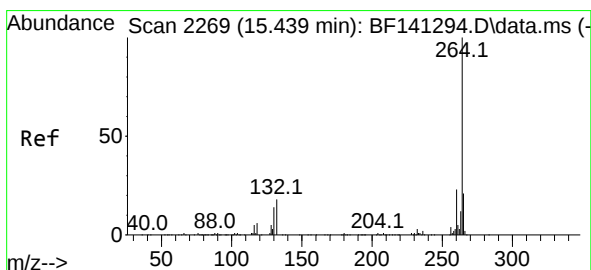
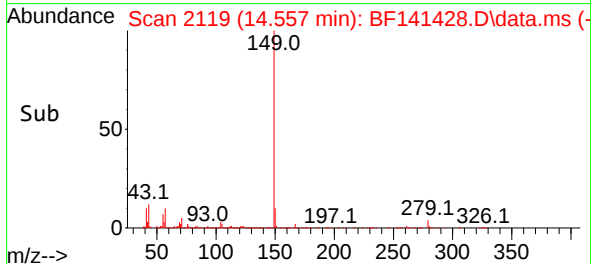
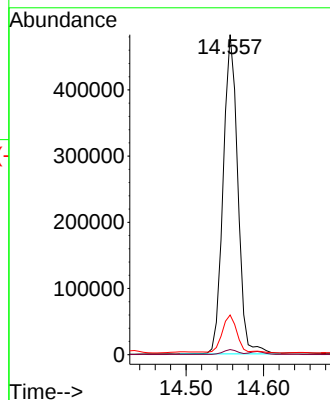
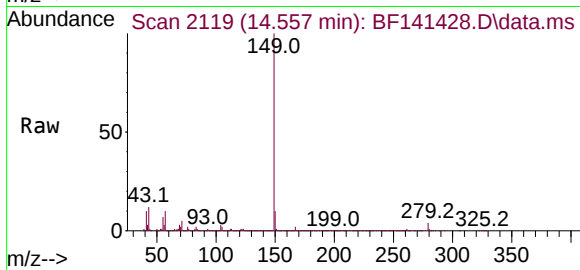
Tgt Ion:149 Resp: 632803

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.3 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.030 min

Lab File: BF141428.D

Acq: 04 Feb 2025 23:56

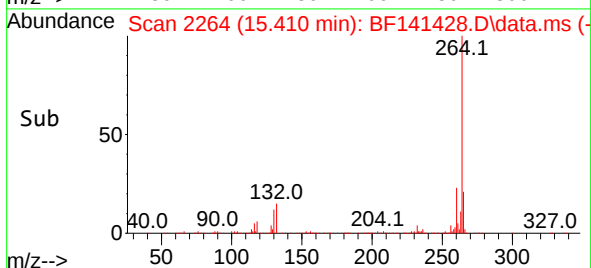
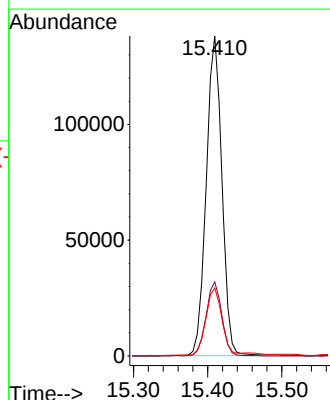
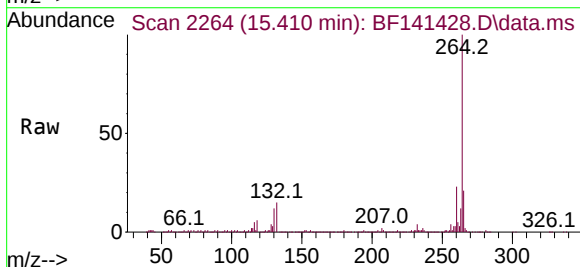
Tgt Ion:264 Resp: 202071

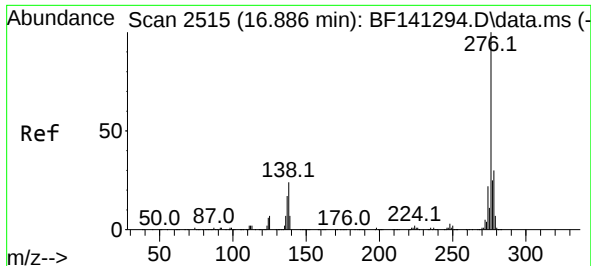
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.3 16.7 25.1

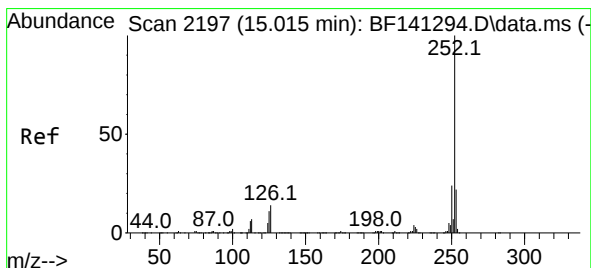
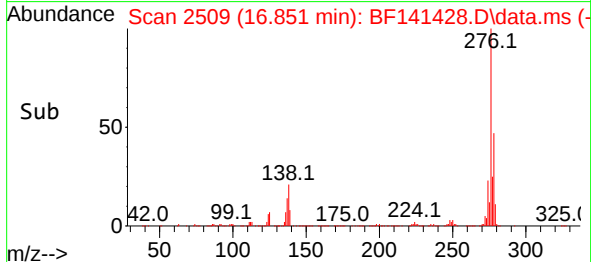
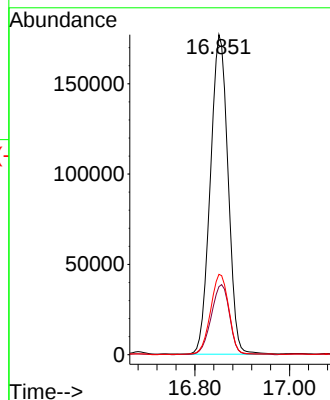
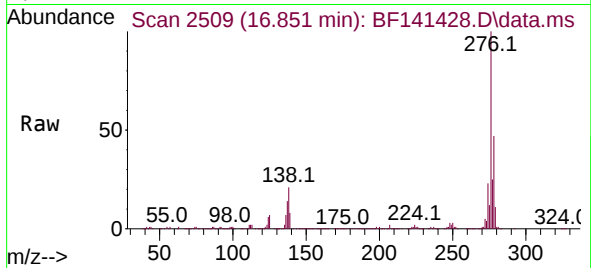




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.157 ng
 RT: 16.851 min Scan# 2150
 Delta R.T. -0.047 min
 Lab File: BF141428.D
 Acq: 04 Feb 2025 23:56

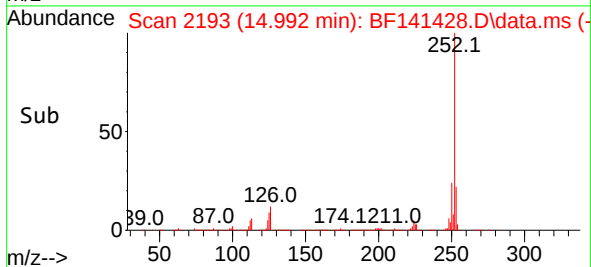
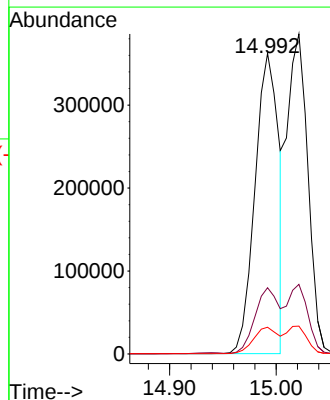
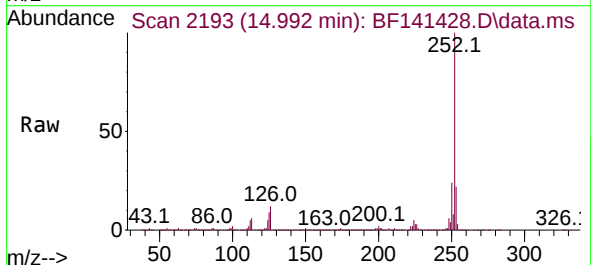
Instrument :
 BNA_F
 ClientSampleId :
 72-11984MS

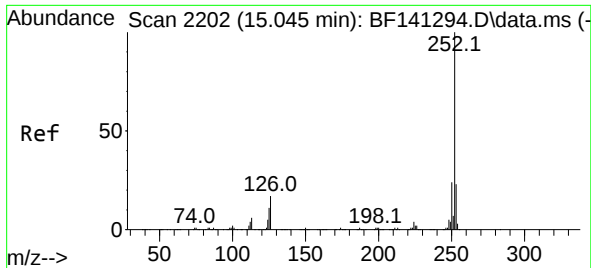
Tgt Ion:276 Resp: 458523
 Ion Ratio Lower Upper
 276 100
 138 22.4 21.7 32.5
 277 25.7 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 43.857 ng
 RT: 14.992 min Scan# 2193
 Delta R.T. -0.030 min
 Lab File: BF141428.D
 Acq: 04 Feb 2025 23:56

Tgt Ion:252 Resp: 557459
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 8.9 8.6 12.8

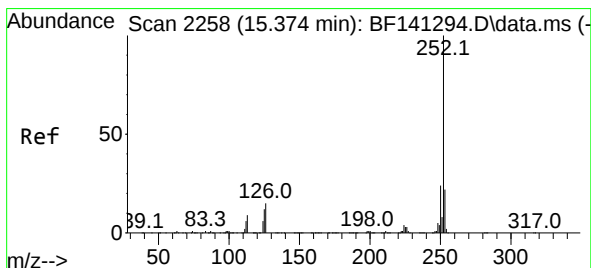
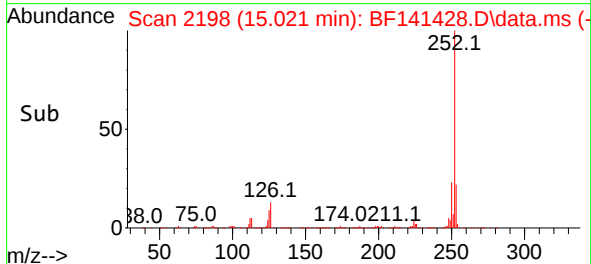
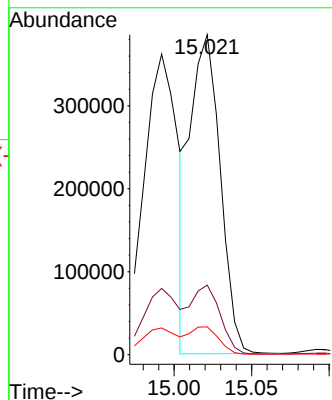
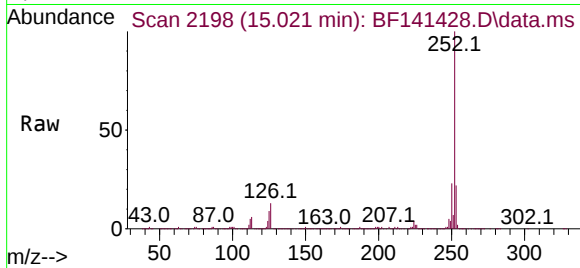




#89
Benzo(k)fluoranthene
Concen: 45.968 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.030 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

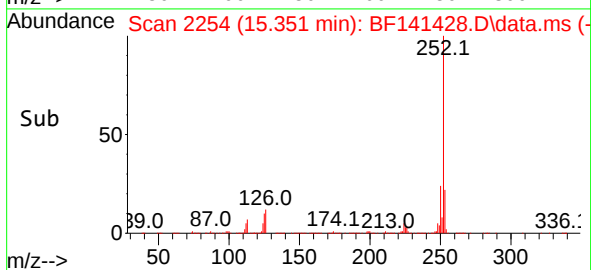
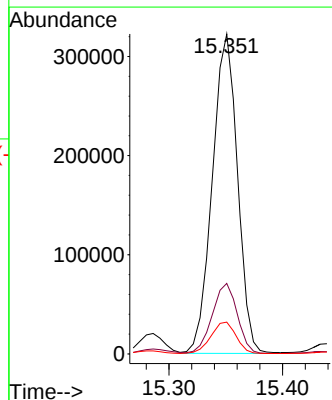
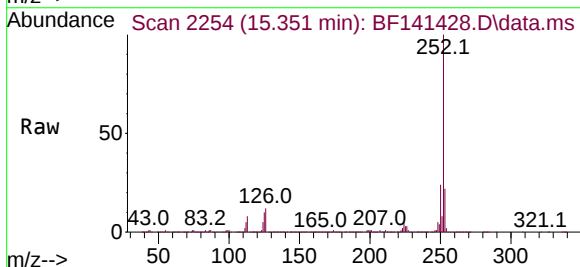
Instrument :
BNA_F
ClientSampleId :
72-11984MS

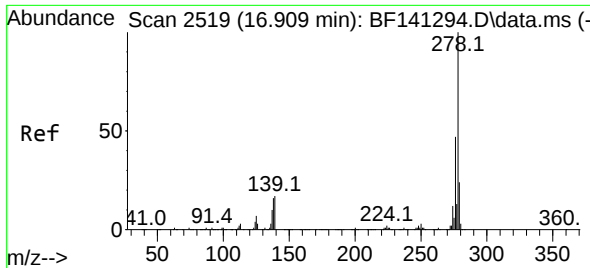
Tgt Ion:252 Resp: 517612
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 46.217 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.030 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:252 Resp: 496426
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.9 9.4 14.2

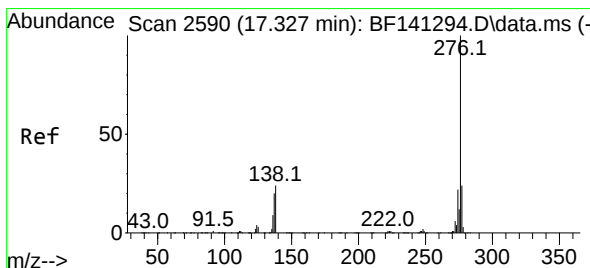
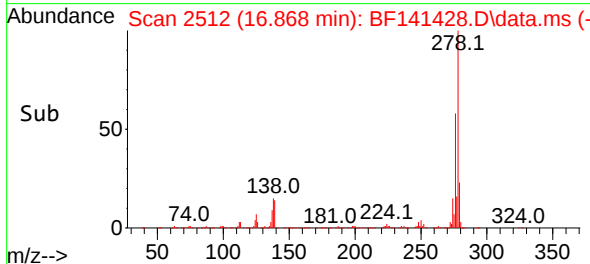
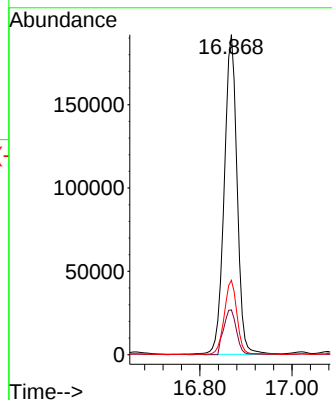
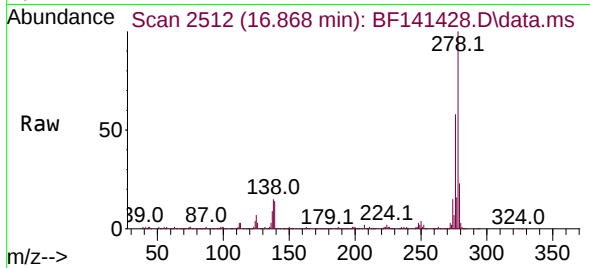




#91
Dibenzo(a,h)anthracene
Concen: 35.246 ng
RT: 16.868 min Scan# 21
Delta R.T. -0.053 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Instrument :
BNA_F
ClientSampleId :
72-11984MS

Tgt Ion:278 Resp: 369831
Ion Ratio Lower Upper
278 100
139 14.0 13.9 20.9
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 31.018 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.059 min
Lab File: BF141428.D
Acq: 04 Feb 2025 23:56

Tgt Ion:276 Resp: 338418
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 18.6 19.0 28.4#

