

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139774.D
 Acq On : 11 Oct 2024 14:49
 Operator : RC/JU
 Sample : P4364-11MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MSD

Quant Time: Oct 11 15:22:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	74746	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	254966	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	109987	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	186157	20.000	ng	0.00
76) Chrysene-d12	14.039	240	153677	20.000	ng	0.00
86) Perylene-d12	15.509	264	115703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	536624	124.435	ng	0.02
7) Phenol-d6	6.516	99	660592	113.908	ng	0.01
23) Nitrobenzene-d5	7.433	82	420053	83.413	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	111475	104.992	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	635866	88.753	ng	0.00
79) Terphenyl-d14	12.974	244	570274	60.889	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.698	88	96113	51.550	ng	99
3) Pyridine	3.610	79	226182	49.880	ng	93
4) n-Nitrosodimethylamine	3.410	42	154151	51.935	ng	93
6) Aniline	6.604	93	267973	52.072	ng	# 53
8) 2-Chlorophenol	6.663	128	237105	51.318	ng	98
9) Benzaldehyde	6.416	77	71048	23.127	ng	95
10) Phenol	6.528	94	298104	48.885	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	267973	53.971	ng	98
12) 1,3-Dichlorobenzene	6.810	146	257670	49.574	ng	98
13) 1,4-Dichlorobenzene	6.886	146	263558	50.066	ng	99
14) 1,2-Dichlorobenzene	7.039	146	245803	49.821	ng	99
15) Benzyl Alcohol	7.016	79	214939	48.507	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	420316	48.900	ng	52
17) 2-Methylphenol	7.133	107	175681	45.546	ng	# 91
18) Hexachloroethane	7.381	117	92119	46.915	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	178684	47.924	ng	100
20) 3+4-Methylphenols	7.292	107	240709	49.684	ng	# 58
22) Acetophenone	7.275	105	328718	54.315	ng	# 88
24) Nitrobenzene	7.451	77	260124	49.884	ng	99
25) Isophorone	7.692	82	449174	50.219	ng	100
26) 2-Nitrophenol	7.769	139	113232	50.511	ng	97
27) 2,4-Dimethylphenol	7.810	122	168034	61.229	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	276230	51.719	ng	99
29) 2,4-Dichlorophenol	8.022	162	173973	48.602	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	193196	47.725	ng	99
31) Naphthalene	8.175	128	757226	58.087	ng	100
32) Benzoic acid	7.928	122	102605	37.600	ng	98
33) 4-Chloroaniline	8.251	127	90945	20.610	ng	99
34) Hexachlorobutadiene	8.286	225	128067	48.886	ng	99
35) Caprolactam	8.586	113	49066	41.791	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	166915	41.192	ng	98
37) 2-Methylnaphthalene	8.863	142	391047	46.058	ng	99
38) 1-Methylnaphthalene	8.963	142	356625	42.972	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	176909	57.923	ng	99
41) Hexachlorocyclopentadiene	9.010	237	22879	24.431	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	107386	52.157	ng	98

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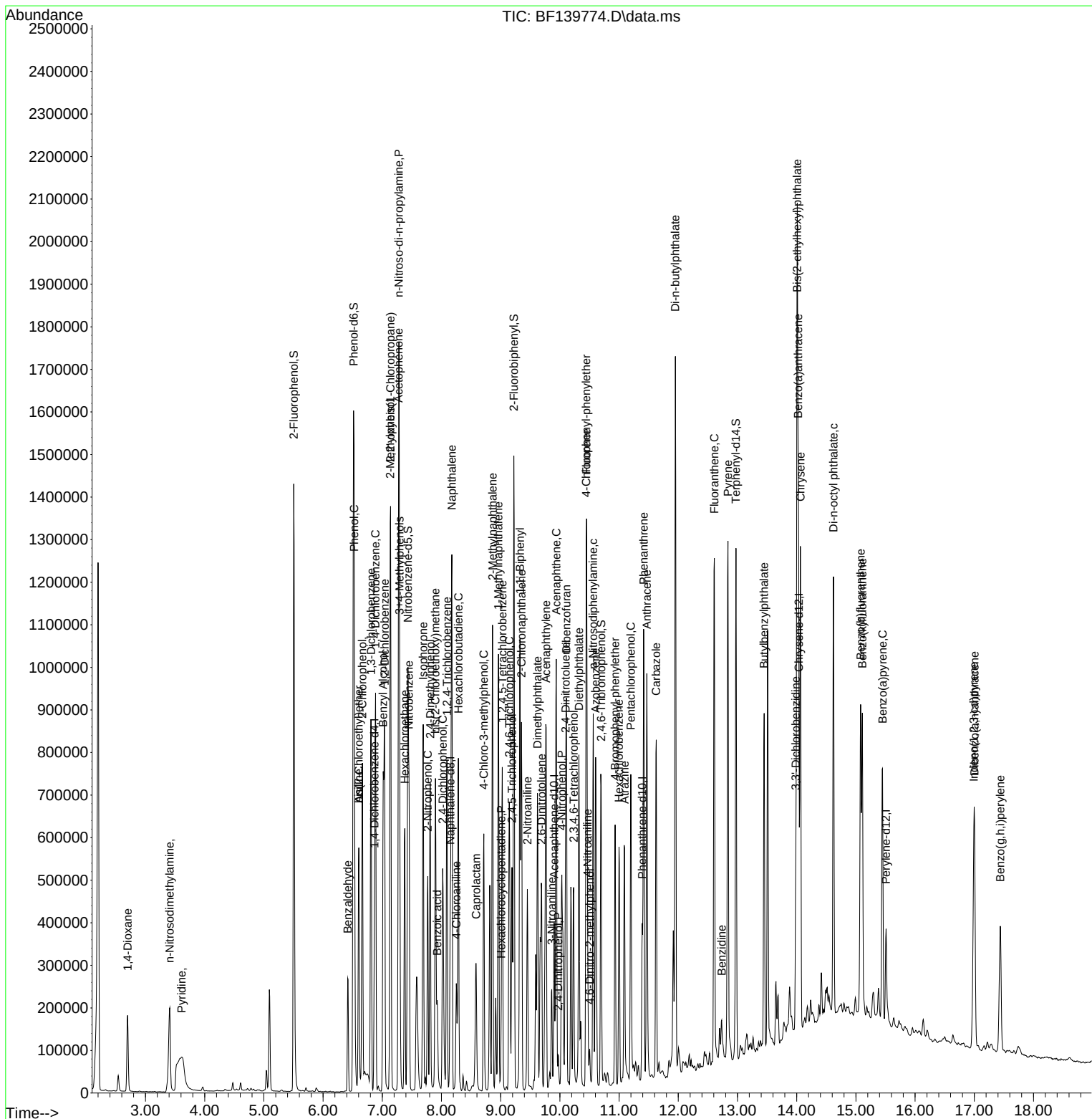
Instrument :
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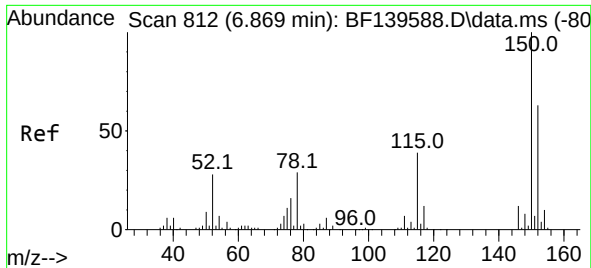
Quant Time: Oct 11 15:22:03 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108090	48.681	ng	99
46) 1,1'-Biphenyl	9.327	154	452989	55.374	ng	100
47) 2-Chloronaphthalene	9.351	162	327217	53.356	ng	98
48) 2-Nitroaniline	9.451	65	112015	50.882	ng	98
49) Acenaphthylene	9.769	152	512495	54.951	ng	100
50) Dimethylphthalate	9.622	163	392684	54.541	ng	100
51) 2,6-Dinitrotoluene	9.692	165	77439	47.613	ng	90
52) Acenaphthene	9.939	154	316734	49.470	ng	100
53) 3-Nitroaniline	9.863	138	47527	28.595	ng	94
54) 2,4-Dinitrophenol	9.974	184	15762	18.018	ng	96
55) Dibenzofuran	10.110	168	449940	50.191	ng	99
56) 4-Nitrophenol	10.033	139	115758	91.330	ng	89
57) 2,4-Dinitrotoluene	10.098	165	94948	44.662	ng	98
58) Fluorene	10.451	166	343525	48.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	82290	45.886	ng	96
60) Diethylphthalate	10.322	149	377756	50.797	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	171156	47.915	ng	96
62) 4-Nitroaniline	10.469	138	58602	34.470	ng	97
63) Azobenzene	10.604	77	401020	53.621	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	13482	12.823	ng	94
66) n-Nitrosodiphenylamine	10.563	169	285381	52.008	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	95305	49.932	ng	99
68) Hexachlorobenzene	10.998	284	102499	48.395	ng	98
69) Atrazine	11.092	200	87269	59.276	ng	98
70) Pentachlorophenol	11.198	266	116718	92.550	ng	98
71) Phenanthrene	11.416	178	553649	63.076	ng	100
72) Anthracene	11.469	178	494619	56.961	ng	99
73) Carbazole	11.627	167	457470	54.852	ng	99
74) Di-n-butylphthalate	11.951	149	1153561	113.743	ng	100
75) Fluoranthene	12.610	202	703057	73.273	ng	100
77) Benzidine	12.733	184	56595	20.879	ng	99
78) Pyrene	12.839	202	720943	52.452	ng	100
80) Butylbenzylphthalate	13.451	149	244400	49.712	ng	99
81) Benzo(a)anthracene	14.027	228	608949	60.270	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	116010	37.517	ng	97
83) Chrysene	14.062	228	533690	57.775	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	668748	108.933	ng	100
85) Di-n-octyl phthalate	14.621	149	649847	72.053	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	340758	50.038	ng	99
88) Benzo(b)fluoranthene	15.080	252	447652	59.837	ng	99
89) Benzo(k)fluoranthene	15.109	252	328454	51.757	ng	100
90) Benzo(a)pyrene	15.451	252	372283	63.111	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	264067	46.752	ng	99
92) Benzo(g,h,i)perylene	17.439	276	259827	45.868	ng	99

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

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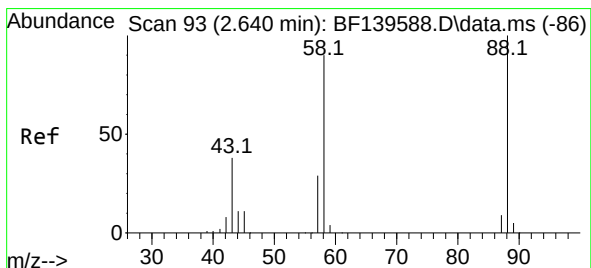
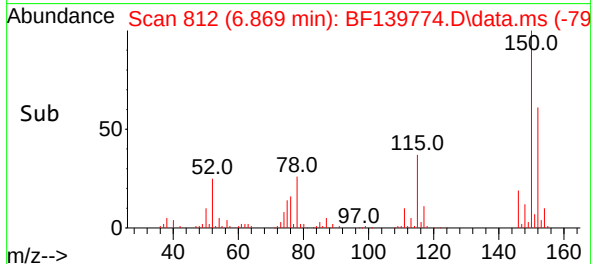
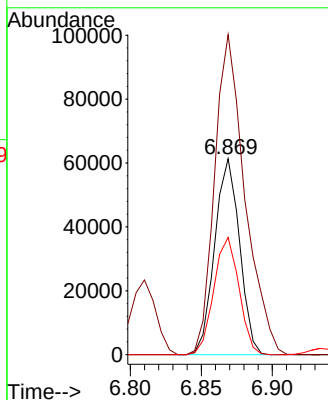
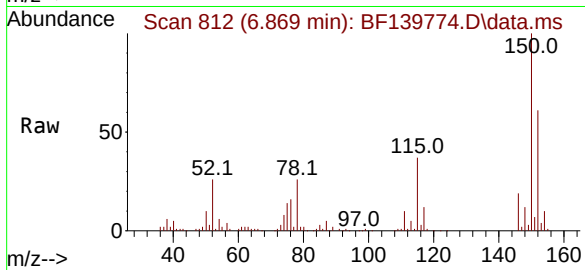




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139774.D
 Acq: 11 Oct 2024 14:49

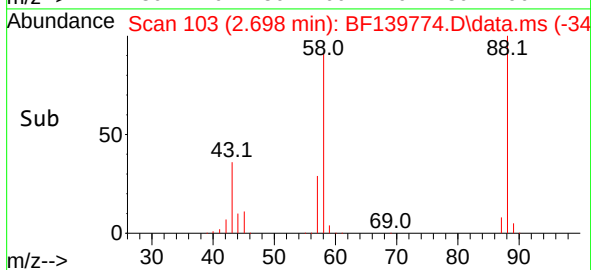
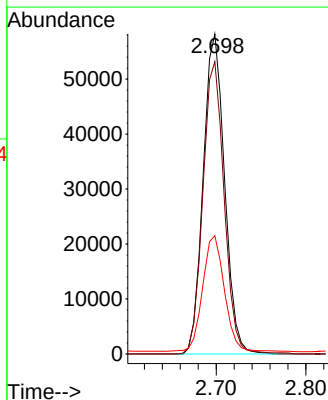
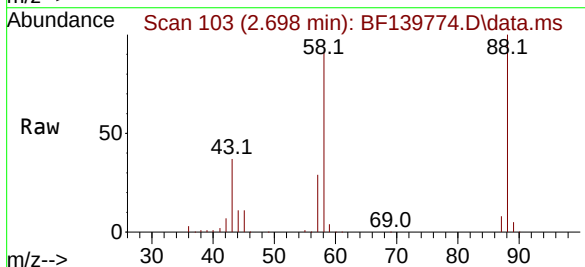
Instrument :
 BNA_F
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 SB-04-2.0-2.5MSD

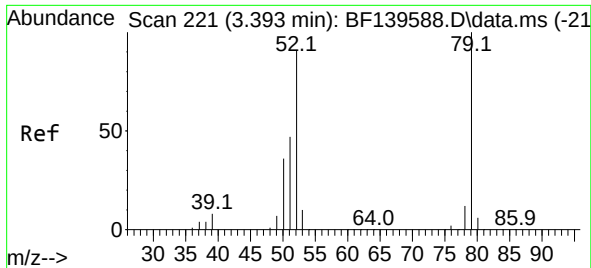
Tgt Ion:152 Resp: 74746
 Ion Ratio Lower Upper
 152 100
 150 163.2 127.2 190.8
 115 59.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 51.550 ng
 RT: 2.698 min Scan# 103
 Delta R.T. 0.059 min
 Lab File: BF139774.D
 Acq: 11 Oct 2024 14:49

Tgt Ion: 88 Resp: 96113
 Ion Ratio Lower Upper
 88 100
 58 90.9 72.0 108.0
 43 37.3 30.8 46.2





#3

Pyridine

Concen: 49.880 ng

RT: 3.610 min Scan# 21

Delta R.T. 0.217 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

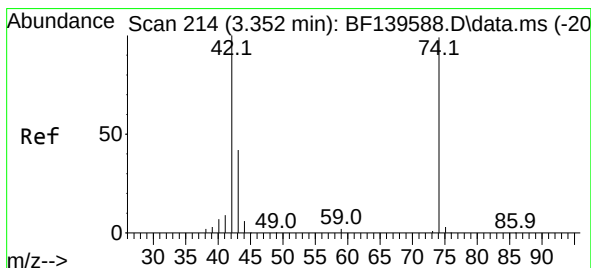
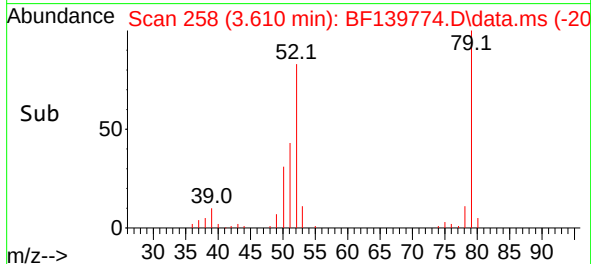
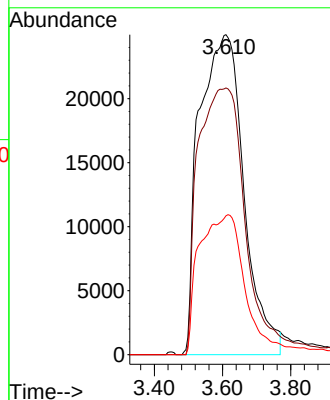
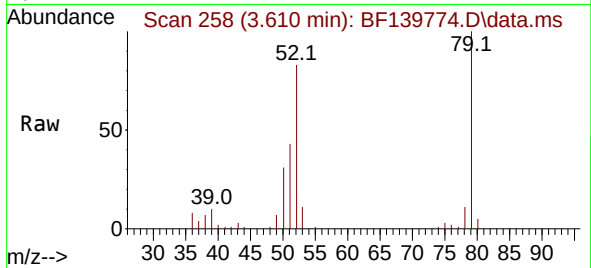
Tgt Ion: 79 Resp: 226182

Ion Ratio Lower Upper

79 100

52 83.3 72.6 109.0

51 43.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 51.935 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

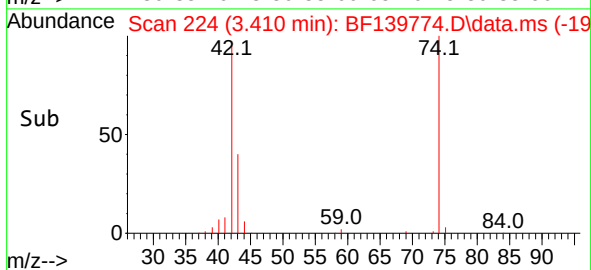
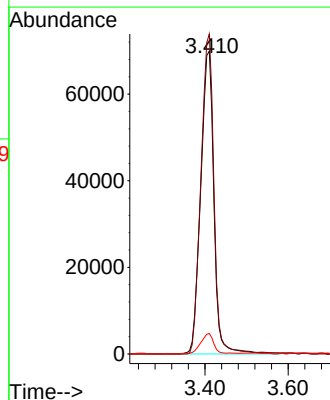
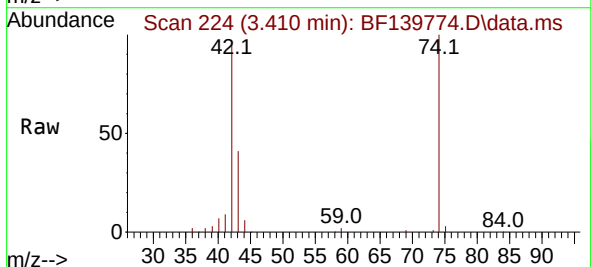
Tgt Ion: 42 Resp: 154151

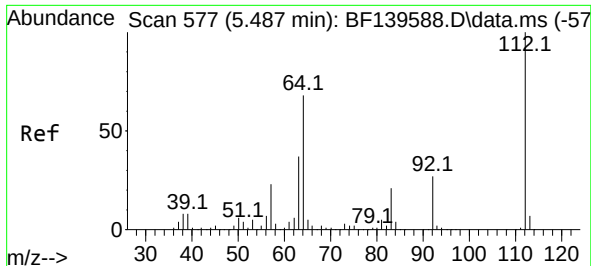
Ion Ratio Lower Upper

42 100

74 105.6 79.0 118.6

44 6.8 5.2 7.8

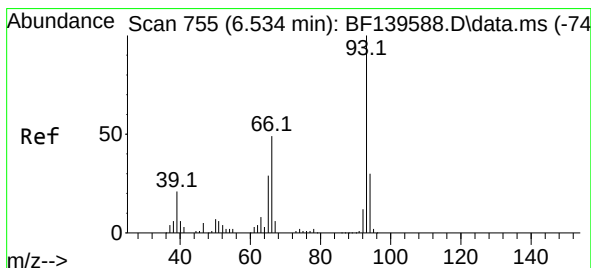
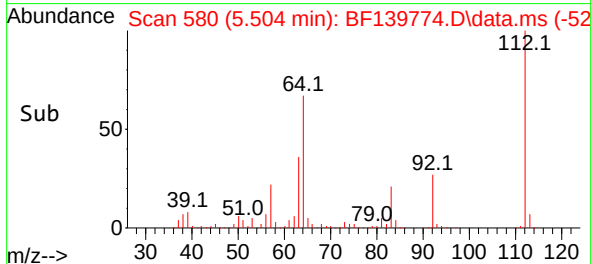
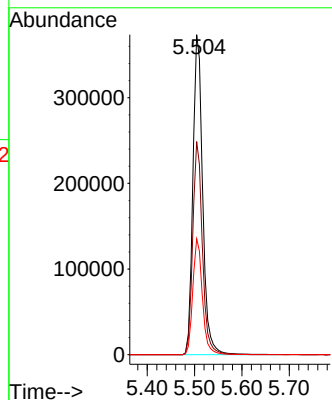
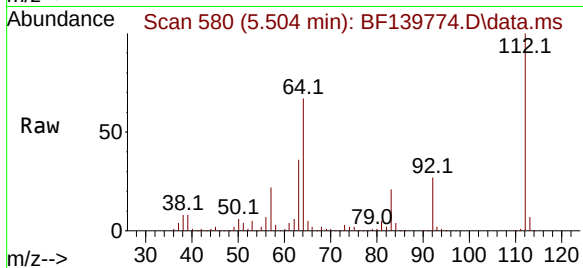




#5
2-Fluorophenol
Concen: 124.435 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

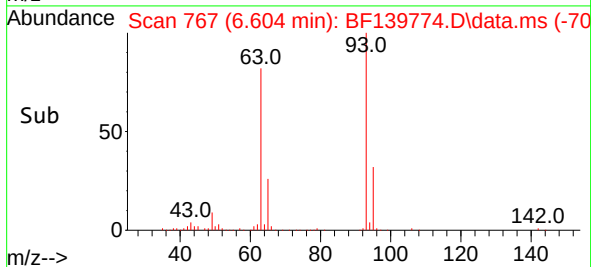
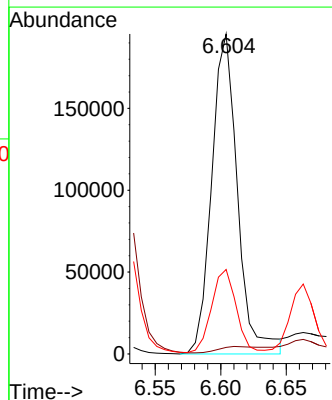
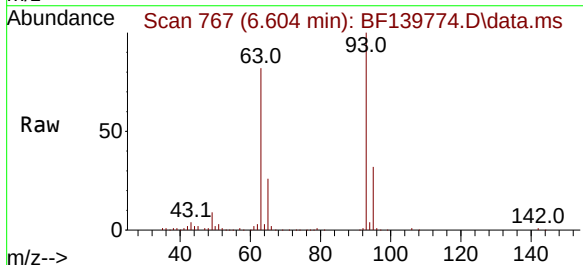
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

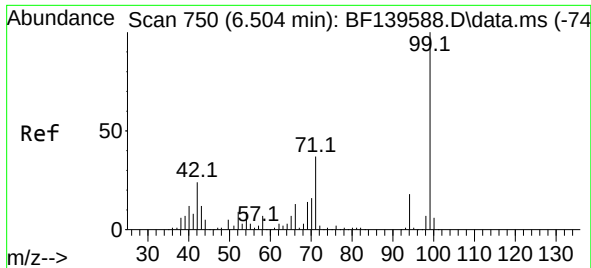
Tgt Ion:112 Resp: 536624
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.2 29.4 44.2



#6
Aniline
Concen: 52.072 ng
RT: 6.604 min Scan# 767
Delta R.T. 0.070 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 93 Resp: 267973
Ion Ratio Lower Upper
93 100
66 2.1 40.9 61.3#
65 26.4 23.3 34.9

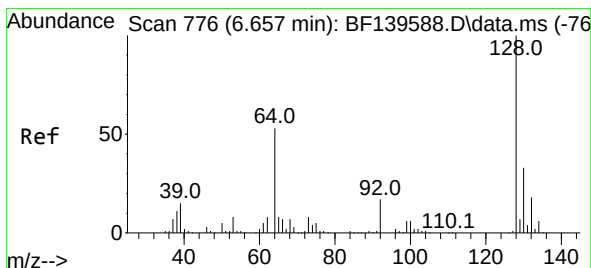
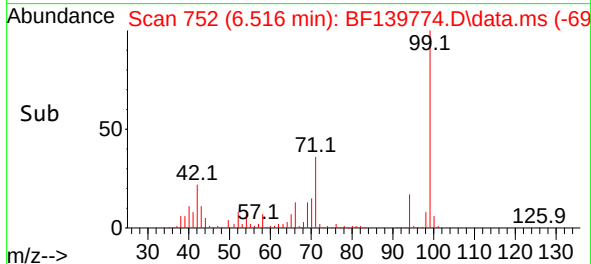
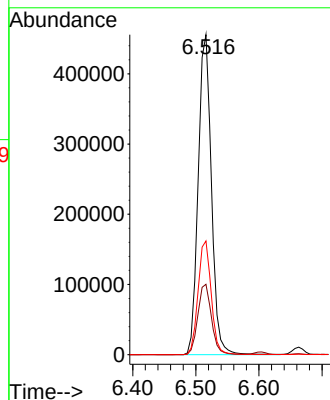
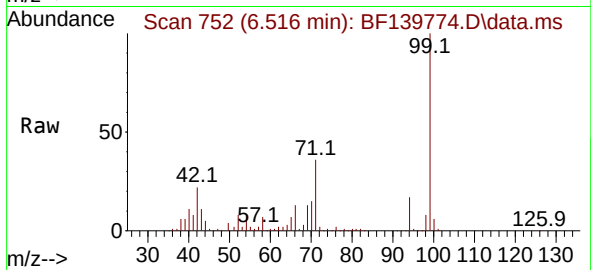




#7
Phenol-d6
Concen: 113.908 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

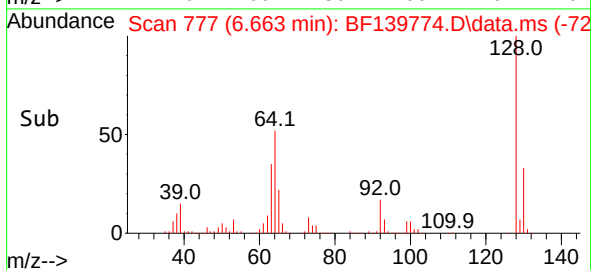
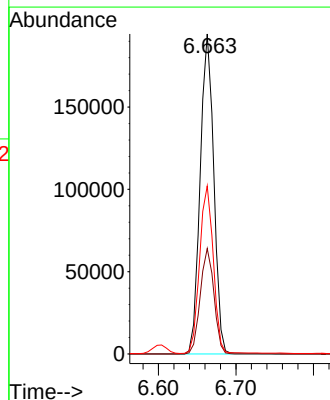
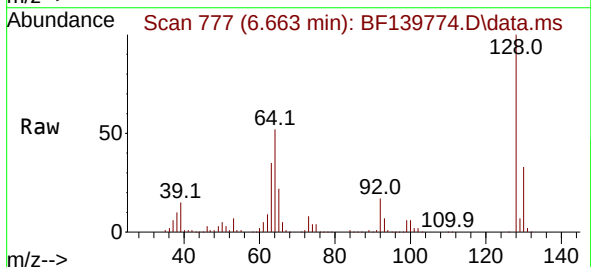
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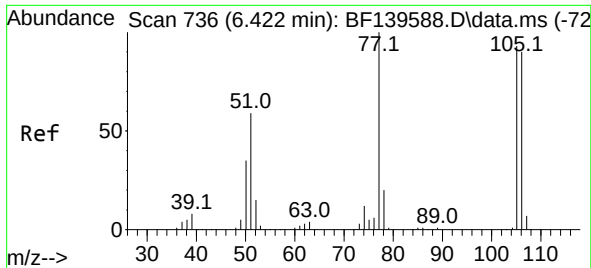
Tgt Ion: 99 Resp: 660592
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.6 29.7 44.5



#8
2-Chlorophenol
Concen: 51.318 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:128 Resp: 237105
Ion Ratio Lower Upper
128 100
130 32.9 13.2 53.2
64 52.5 35.1 75.1





#9

Benzaldehyde

Concen: 23.127 ng

RT: 6.416 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

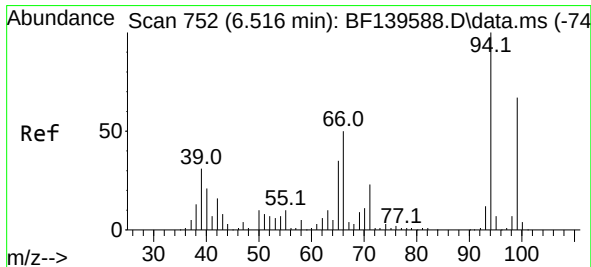
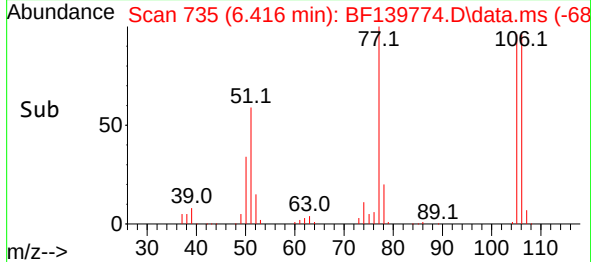
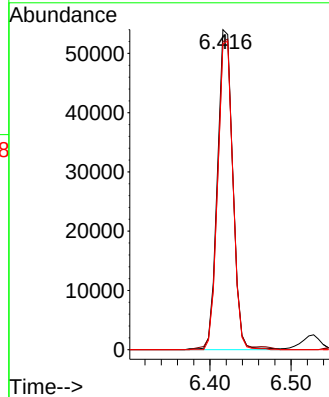
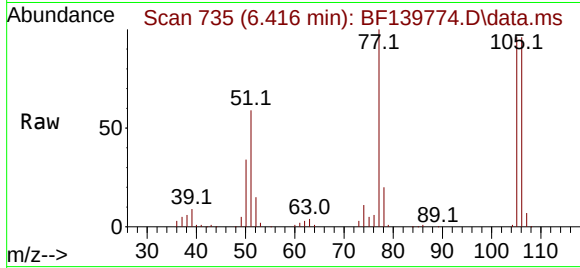
Tgt Ion: 77 Resp: 71048

Ion Ratio Lower Upper

77 100

105 96.3 72.7 112.7

106 95.5 70.1 110.1



#10

Phenol

Concen: 48.885 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.012 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

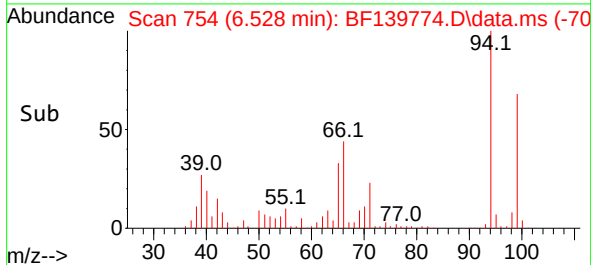
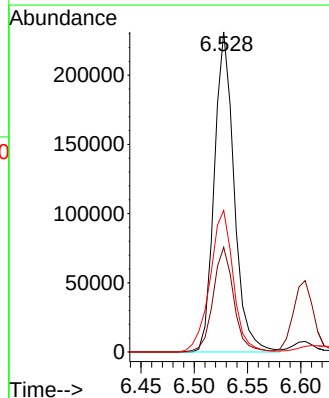
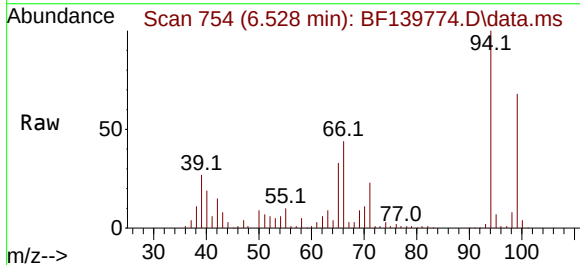
Tgt Ion: 94 Resp: 298104

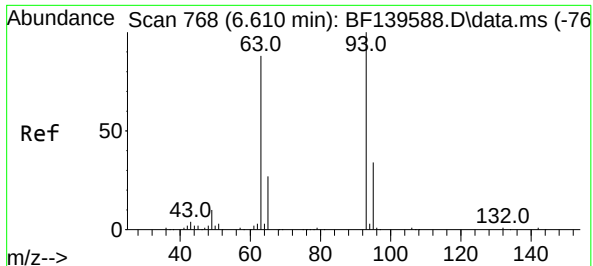
Ion Ratio Lower Upper

94 100

65 32.7 15.3 55.3

66 44.3 30.5 70.5



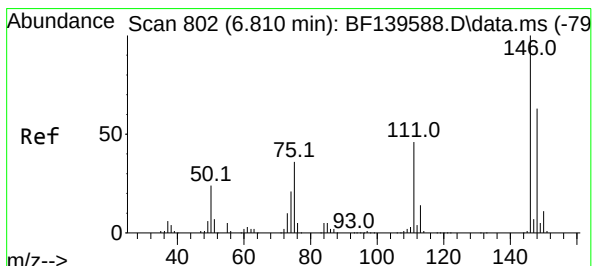
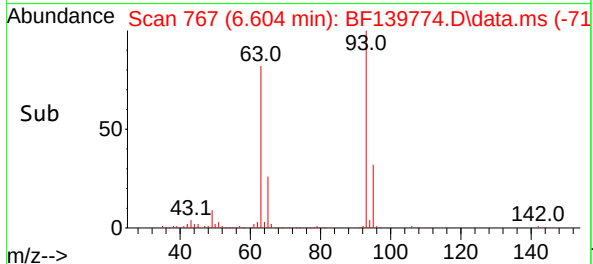
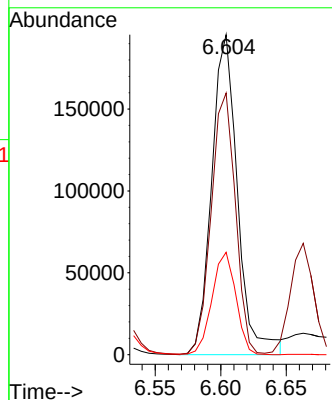
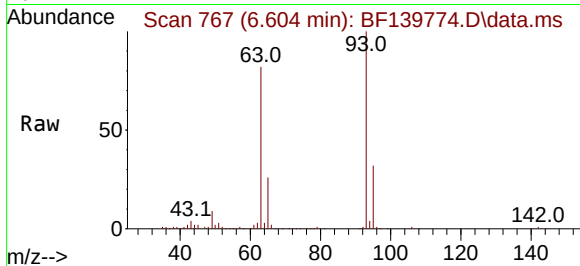


#11
bis(2-Chloroethyl)ether
Concen: 53.971 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

Tgt Ion: 93 Resp: 267973

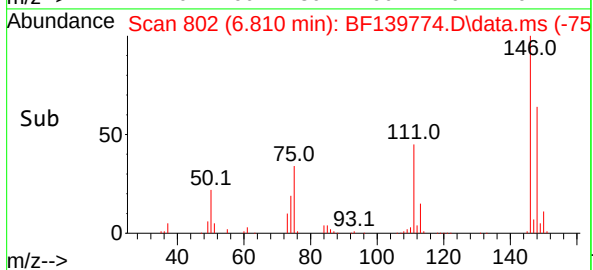
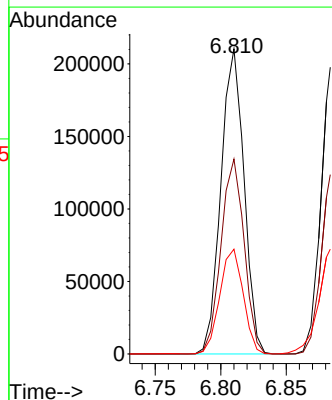
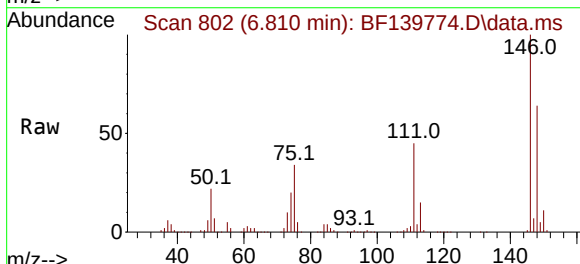
Ion	Ratio	Lower	Upper
93	100		
63	81.7	64.1	104.1
95	32.0	12.3	52.3

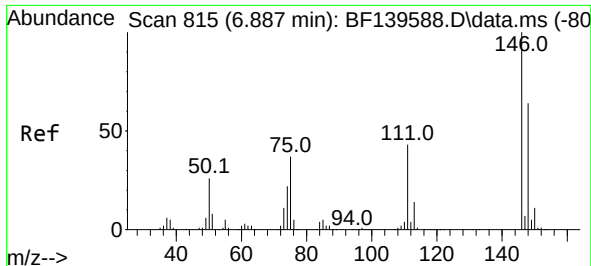


#12
1,3-Dichlorobenzene
Concen: 49.574 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 146 Resp: 257670

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.4
75	34.3	28.5	42.7





#13

1,4-Dichlorobenzene

Concen: 50.066 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

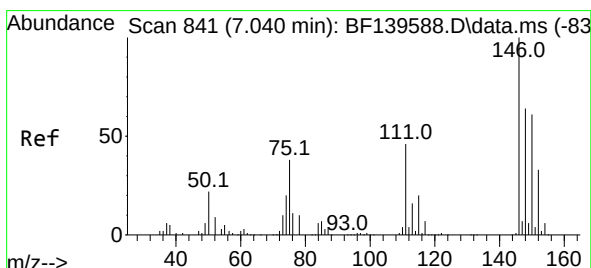
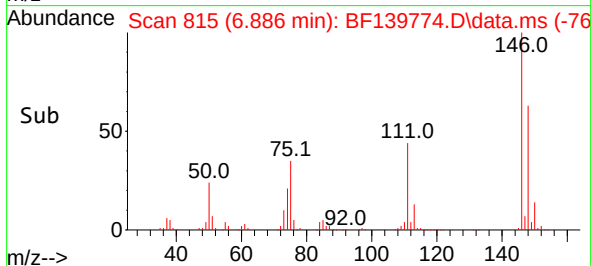
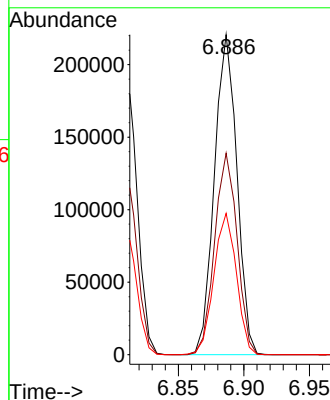
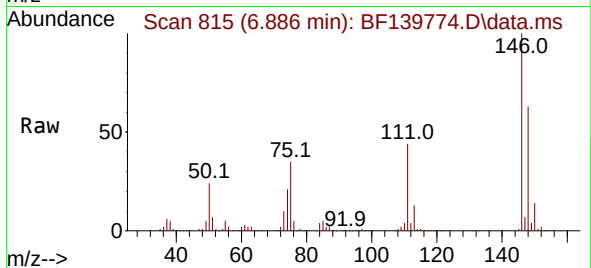
Tgt Ion:146 Resp: 263558

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

111 44.1 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 49.821 ng

RT: 7.039 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

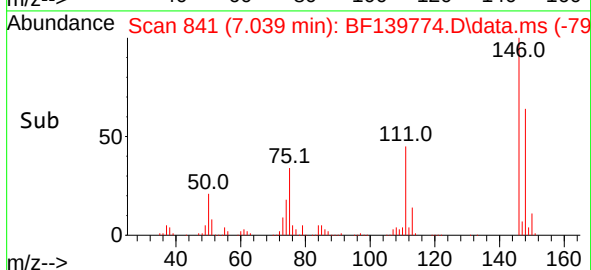
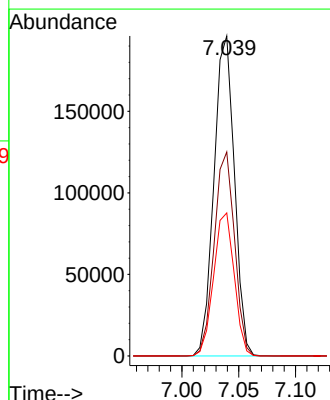
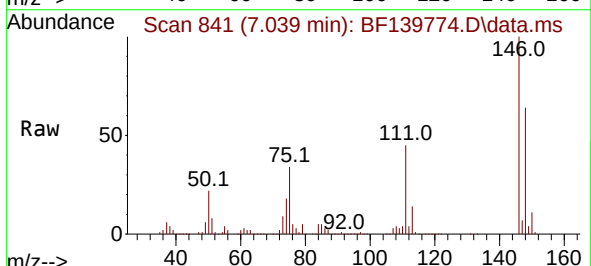
Tgt Ion:146 Resp: 245803

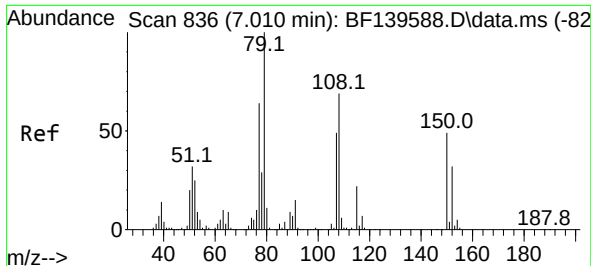
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 44.7 37.0 55.6

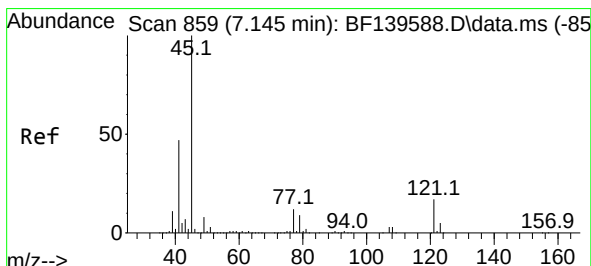
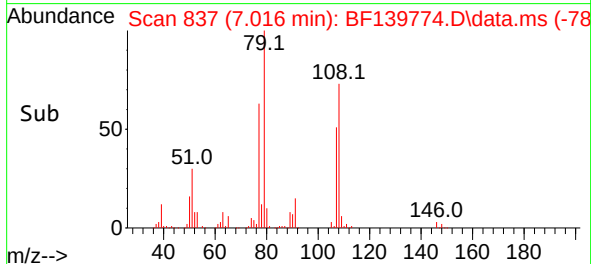
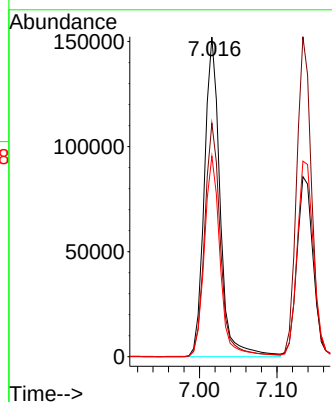
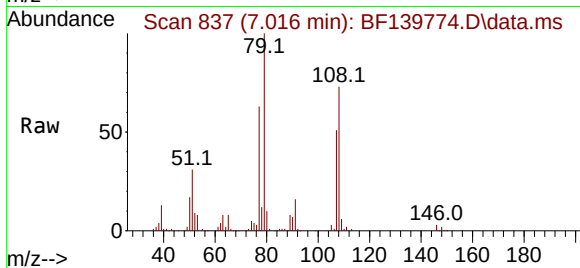




#15
Benzyl Alcohol
Concen: 48.507 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

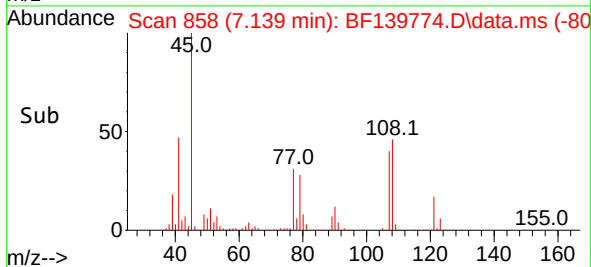
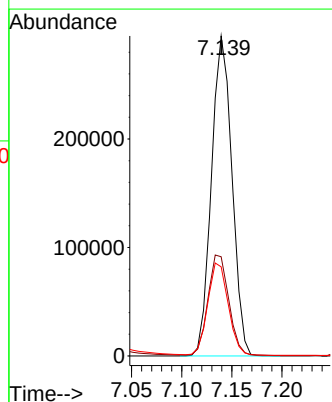
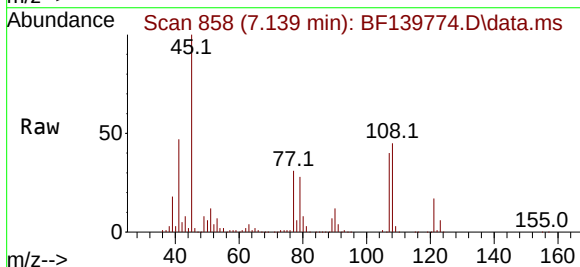
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

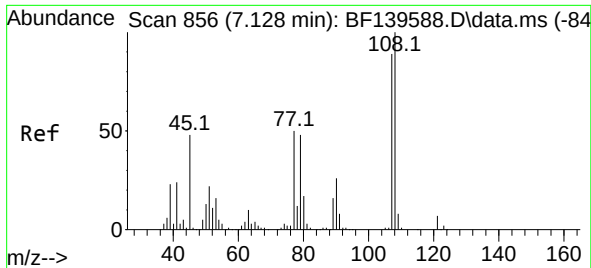
Tgt Ion: 79 Resp: 214939
Ion Ratio Lower Upper
79 100
108 73.1 55.1 82.7
77 62.8 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.900 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 45 Resp: 420316
Ion Ratio Lower Upper
45 100
77 31.0 0.0 32.5
79 27.9 0.0 29.7

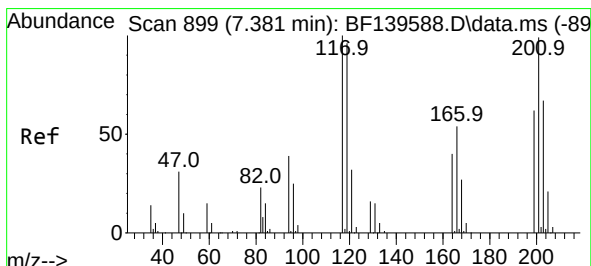
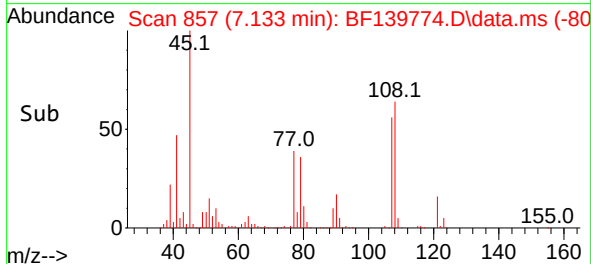
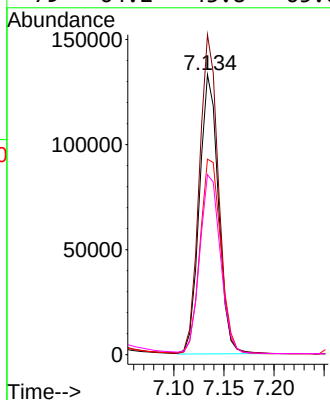
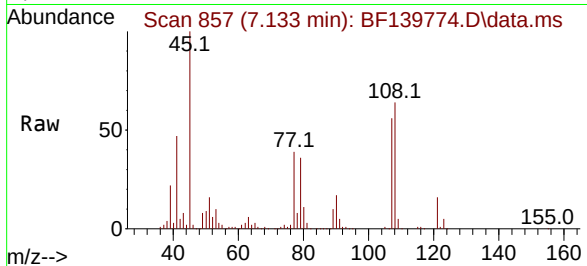




#17
2-Methylphenol
Concen: 45.546 ng
RT: 7.133 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

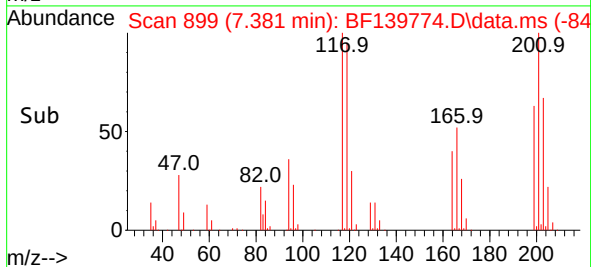
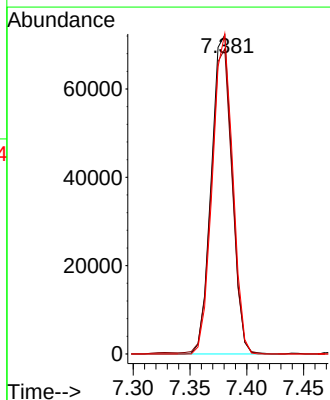
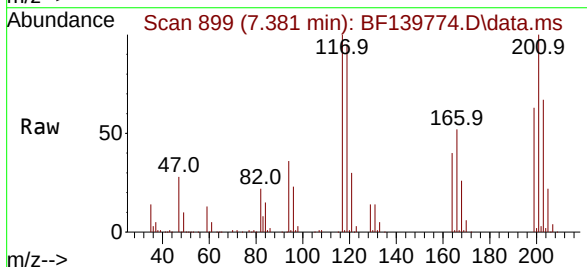
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

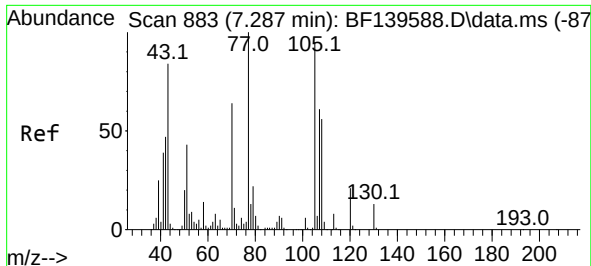
Tgt Ion:107 Resp: 175681
Ion Ratio Lower Upper
107 100
108 114.3 89.8 134.6
77 69.8 44.6 67.0#
79 64.2 43.8 65.6



#18
Hexachloroethane
Concen: 46.915 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:117 Resp: 92119
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6
201 100.3 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.924 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139774.D

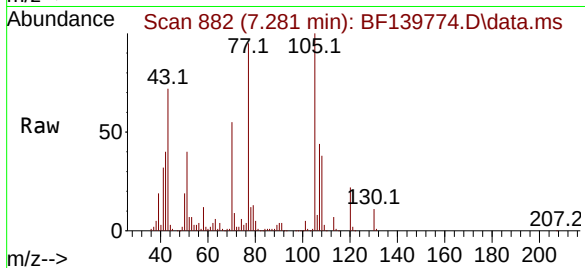
Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD



Tgt Ion: 70 Resp: 178684

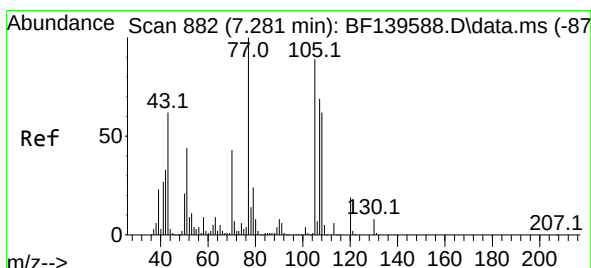
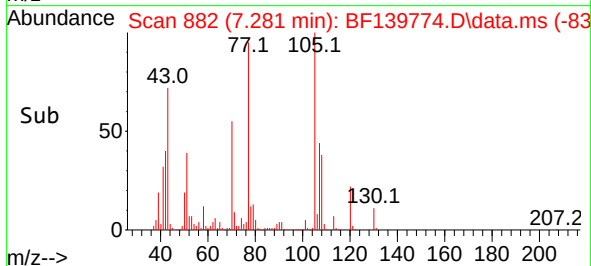
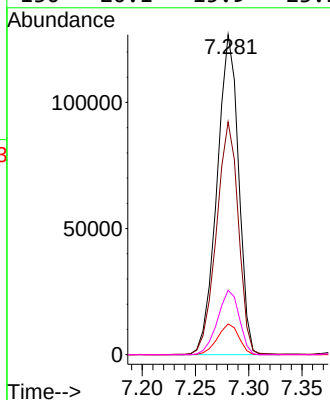
Ion Ratio Lower Upper

70 100

42 72.7 58.0 87.0

101 9.6 7.8 11.8

130 20.1 15.9 23.9



#20

3+4-Methylphenols

Concen: 49.684 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.012 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Tgt Ion:107 Resp: 240709

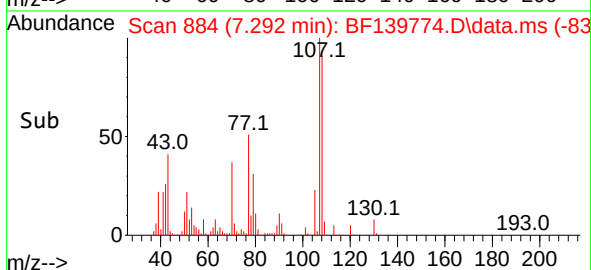
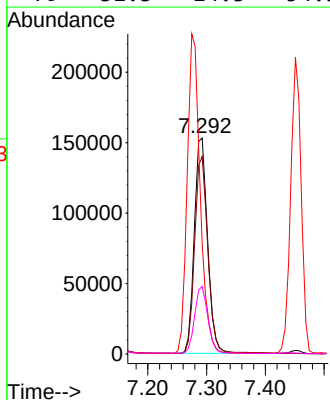
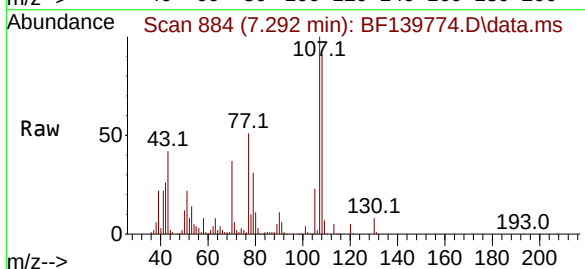
Ion Ratio Lower Upper

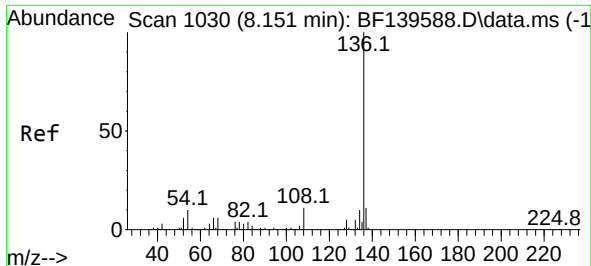
107 100

108 91.5 70.2 110.2

77 50.9 125.3 165.3#

79 31.3 14.3 54.3

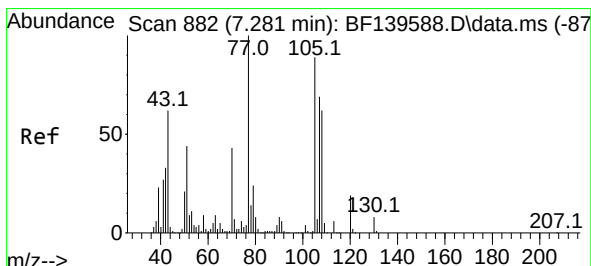
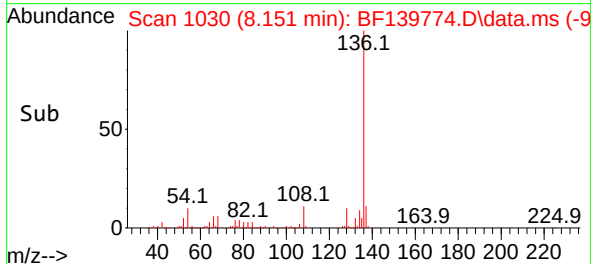
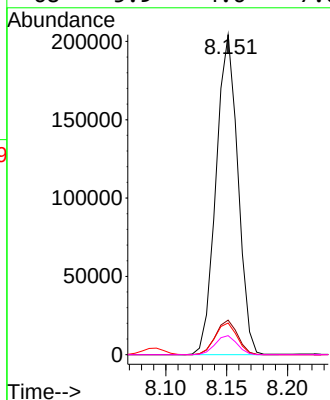
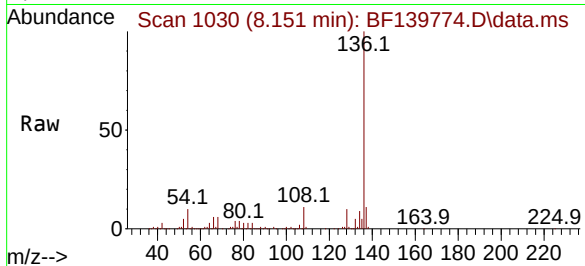




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

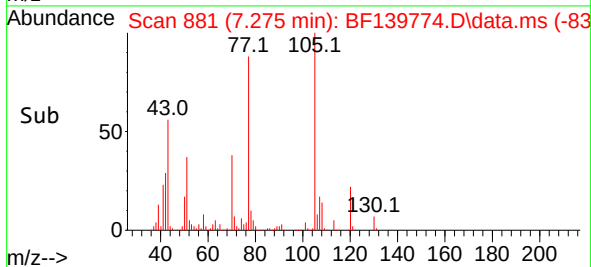
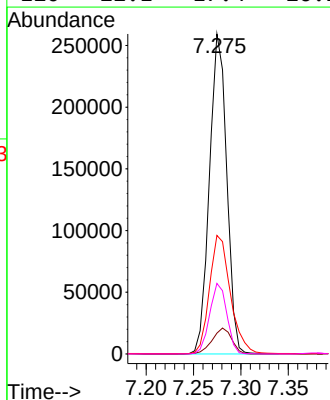
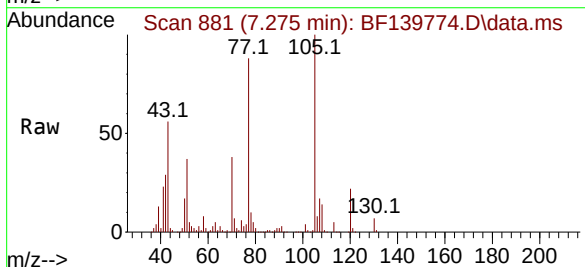
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

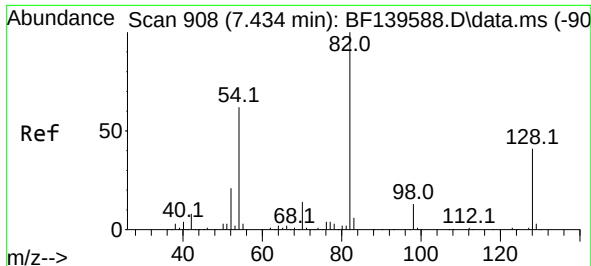
Tgt Ion:136 Resp: 254966
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 8.3 12.5
68 5.9 4.6 7.0



#22
Acetophenone
Concen: 54.315 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:105 Resp: 328718
Ion Ratio Lower Upper
105 100
71 6.5 6.6 10.0#
51 37.0 39.4 59.0#
120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 83.413 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

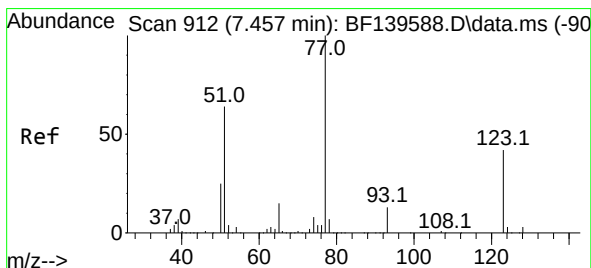
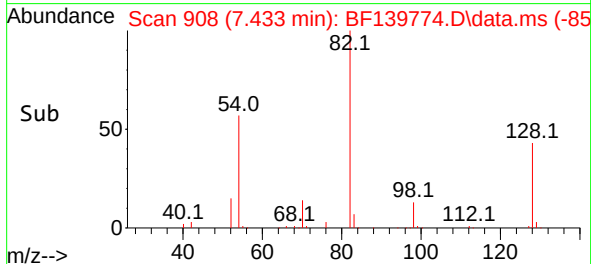
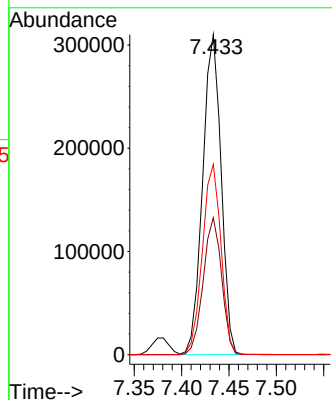
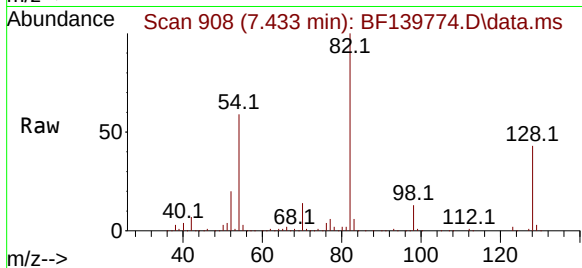
Tgt Ion: 82 Resp: 420053

Ion Ratio Lower Upper

82 100

128 42.8 32.4 48.6

54 59.4 49.1 73.7



#24

Nitrobenzene

Concen: 49.884 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

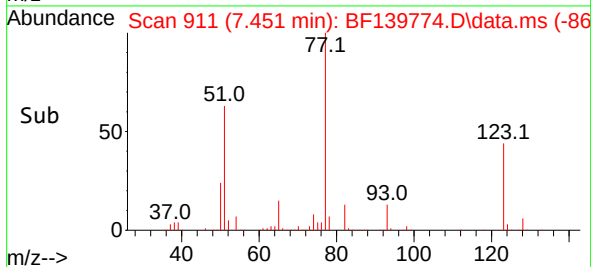
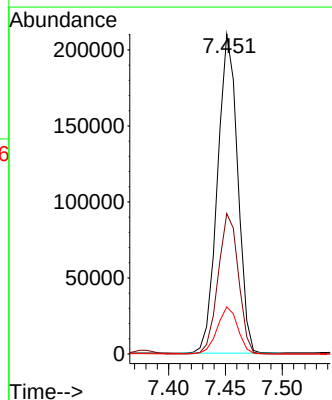
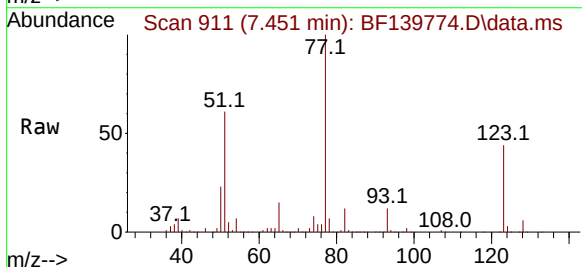
Tgt Ion: 77 Resp: 260124

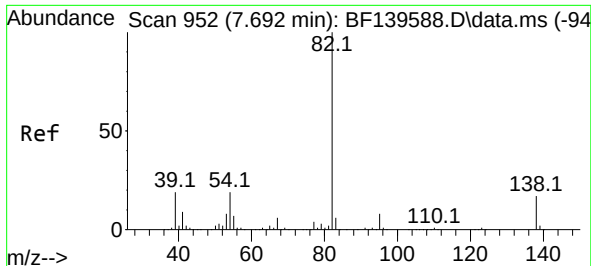
Ion Ratio Lower Upper

77 100

123 43.8 34.2 51.4

65 14.7 12.1 18.1

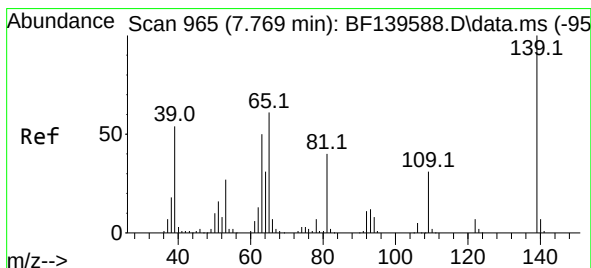
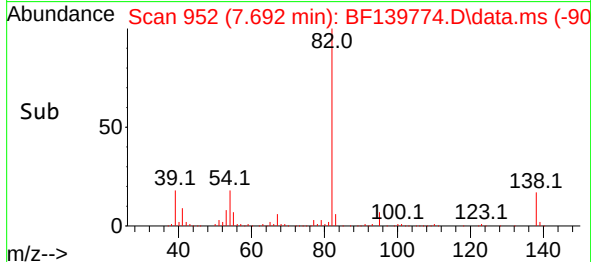
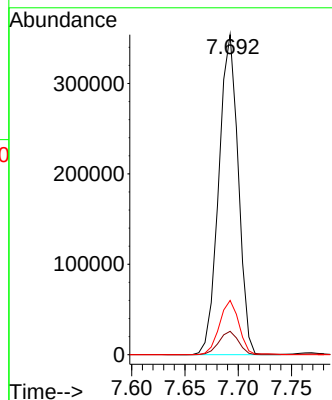
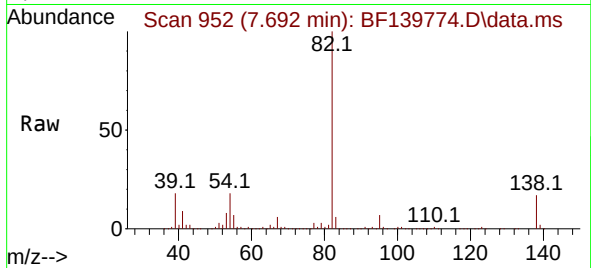




#25
Isophorone
Concen: 50.219 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

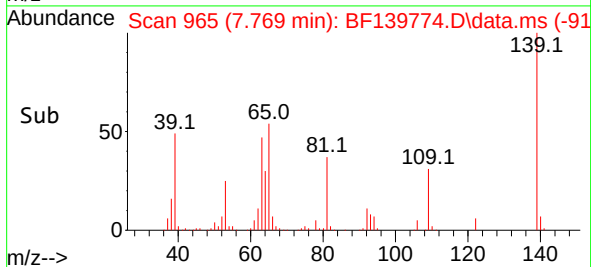
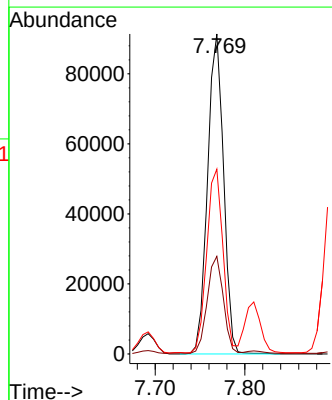
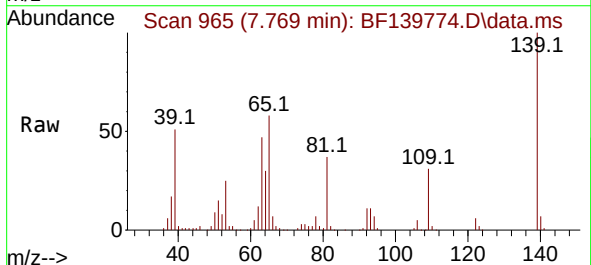
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

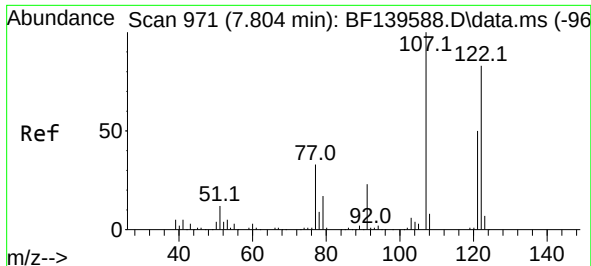
Tgt Ion:	82	Resp:	449174
Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.1	9.1
138	16.9	13.4	20.2



#26
2-Nitrophenol
Concen: 50.511 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:	139	Resp:	113232
Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.9	37.3
65	57.7	48.6	72.8

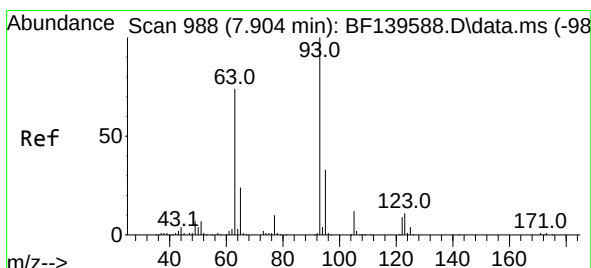
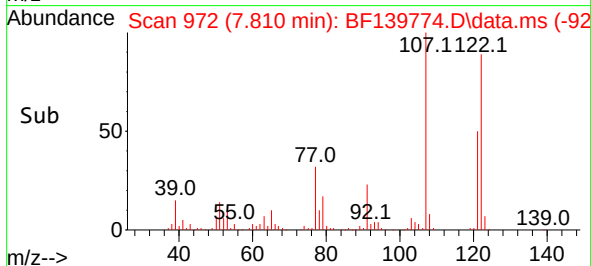
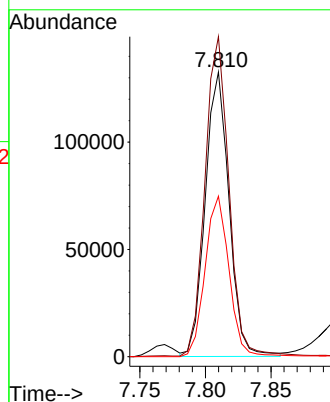
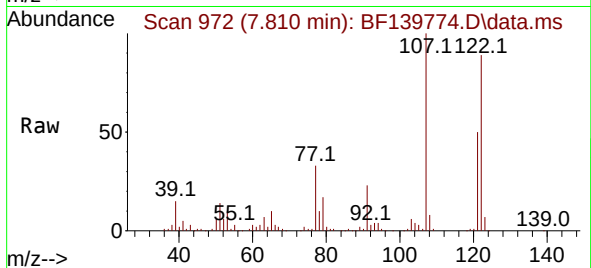




#27
2,4-Dimethylphenol
Concen: 61.229 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

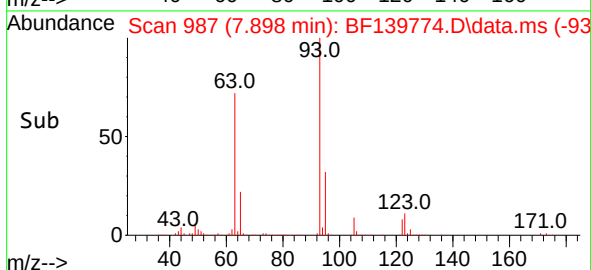
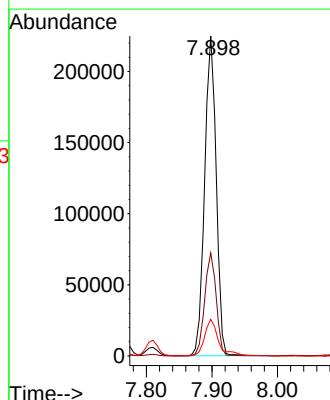
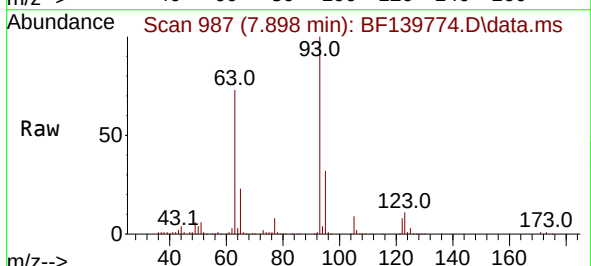
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

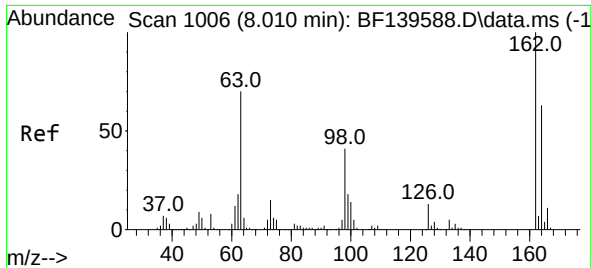
Tgt Ion:122 Resp: 168034
Ion Ratio Lower Upper
122 100
107 112.4 95.4 143.0
121 56.3 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 51.719 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion: 93 Resp: 276230
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.602 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.012 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

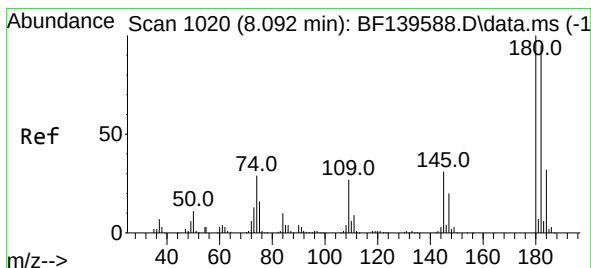
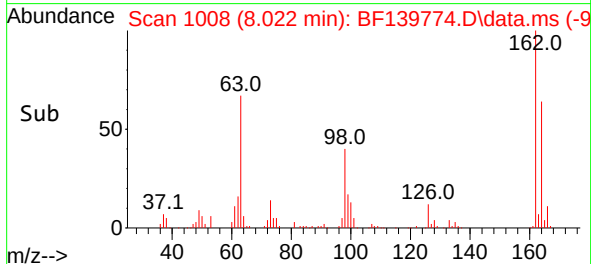
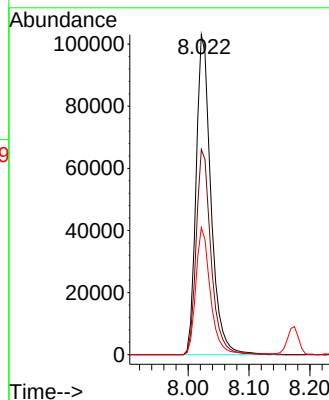
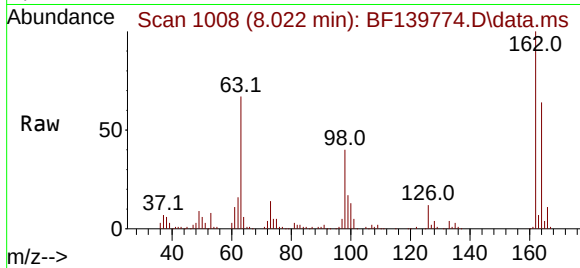
Tgt Ion:162 Resp: 173973

Ion Ratio Lower Upper

162 100

164 64.1 43.1 83.1

98 39.7 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 47.725 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

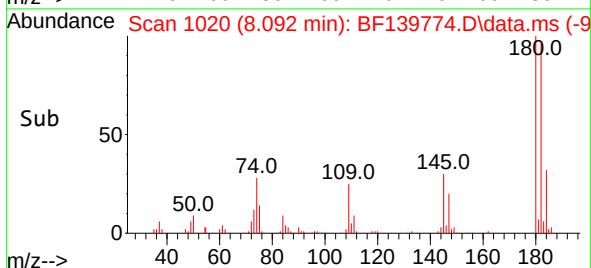
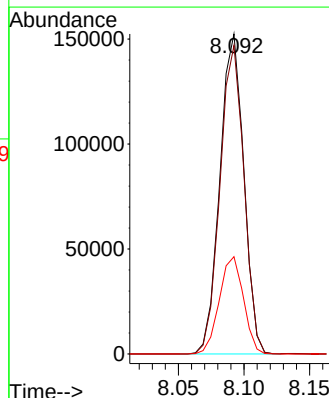
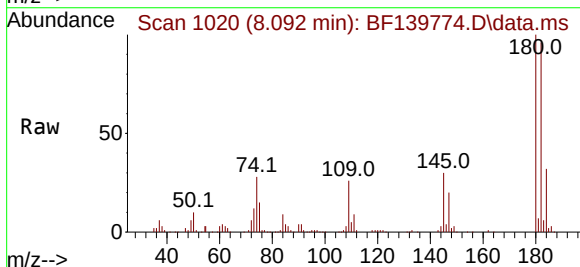
Tgt Ion:180 Resp: 193196

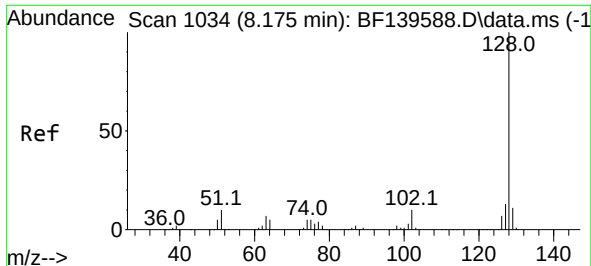
Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

145 30.4 25.0 37.6

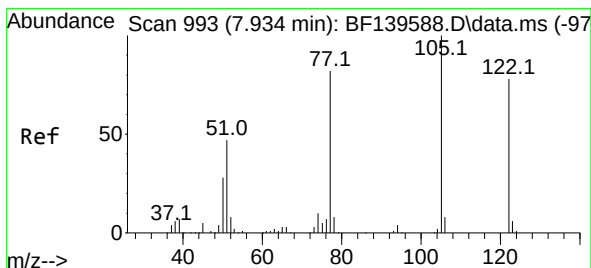
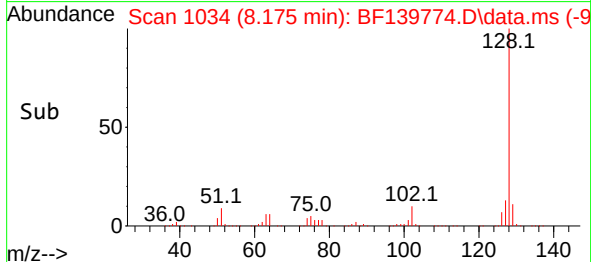
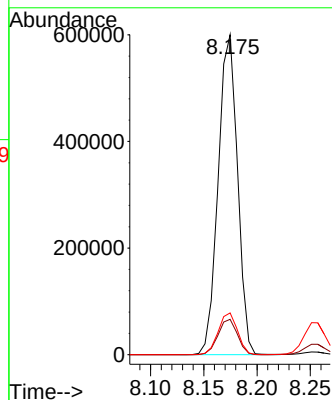
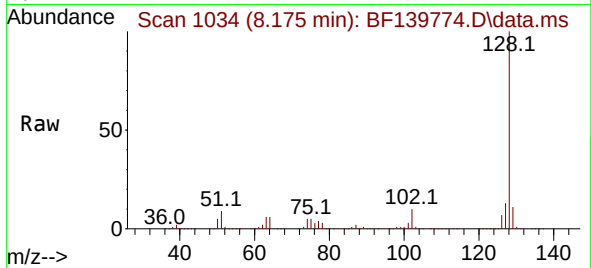




#31
Naphthalene
Concen: 58.087 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

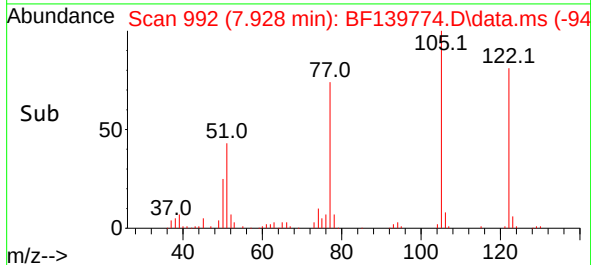
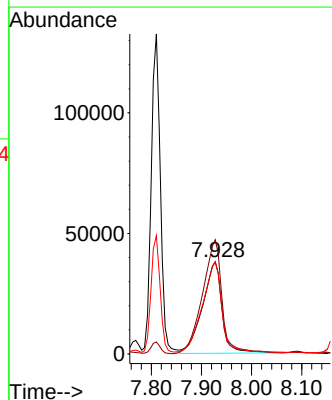
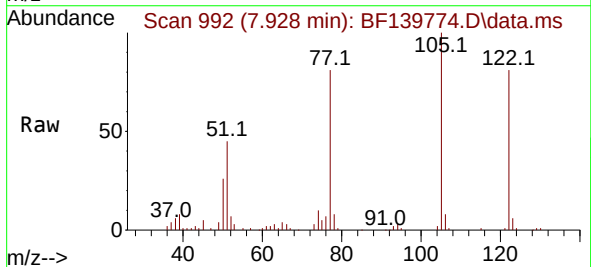
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

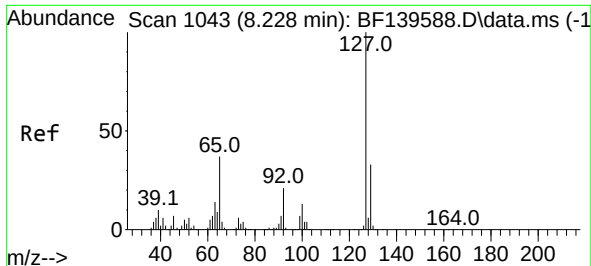
Tgt Ion:128 Resp: 757226
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 37.600 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:122 Resp: 102605
Ion Ratio Lower Upper
122 100
105 123.9 104.9 144.9
77 100.0 82.7 122.7

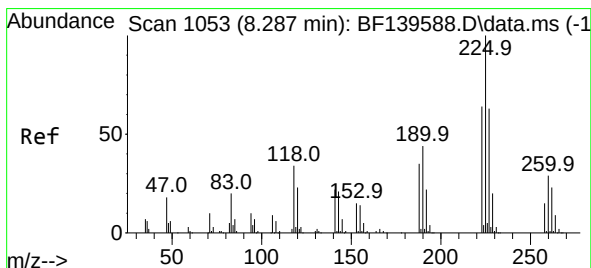
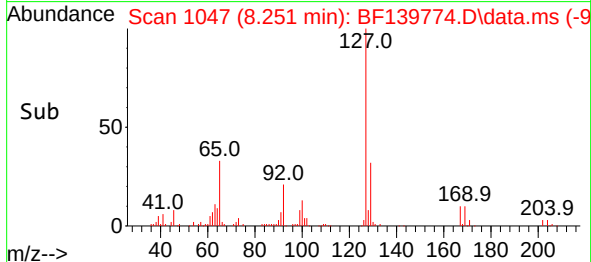
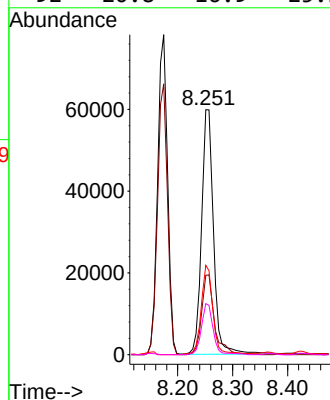
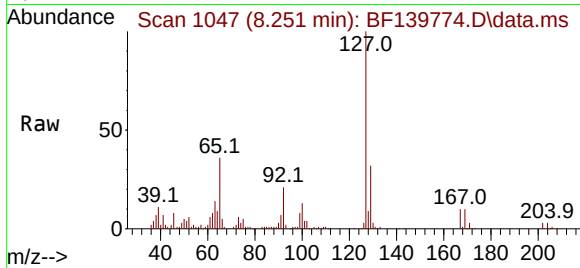




#33
4-Chloroaniline
Concen: 20.610 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.023 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

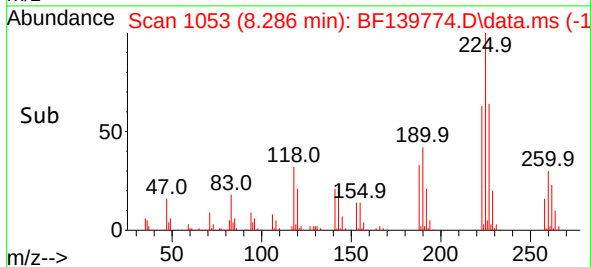
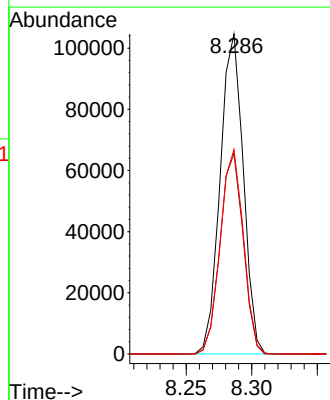
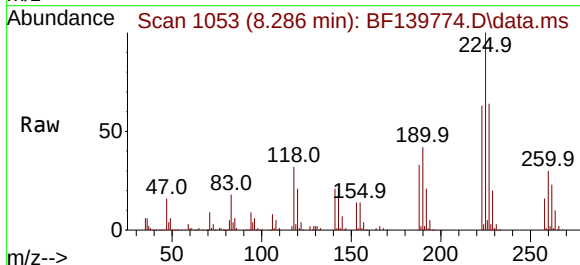
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

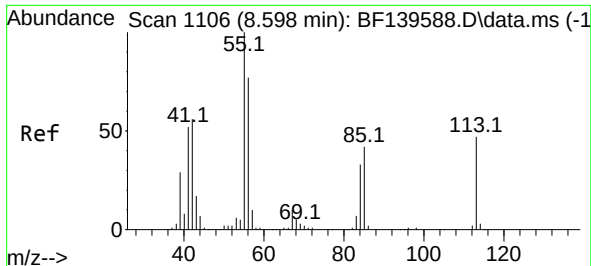
Tgt Ion:	127	Resp:	90945
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.2	39.4
65	36.5	29.3	43.9
92	20.8	16.9	25.3



#34
Hexachlorobutadiene
Concen: 48.886 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:	225	Resp:	128067
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.9	76.3
227	63.9	50.7	76.1

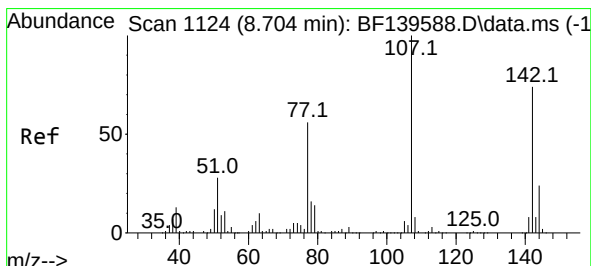
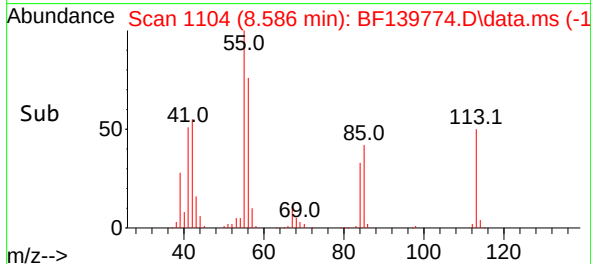
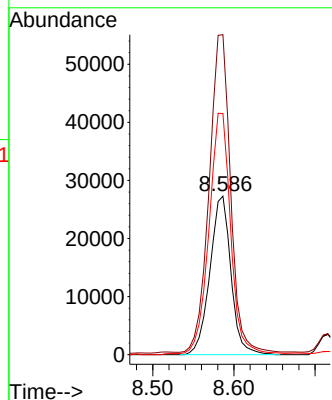
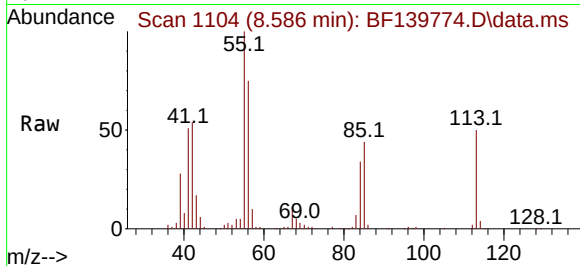




#35
 Caprolactam
 Concen: 41.791 ng
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF139774.D
 Acq: 11 Oct 2024 14:49

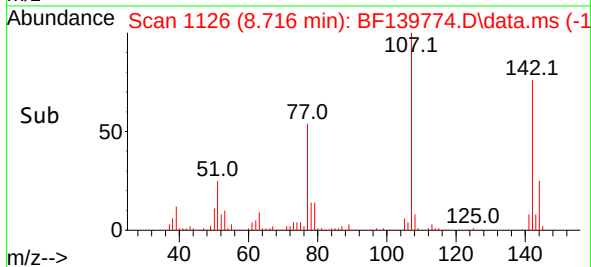
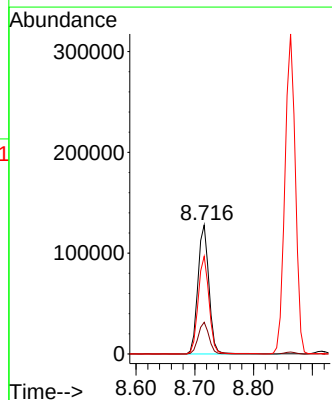
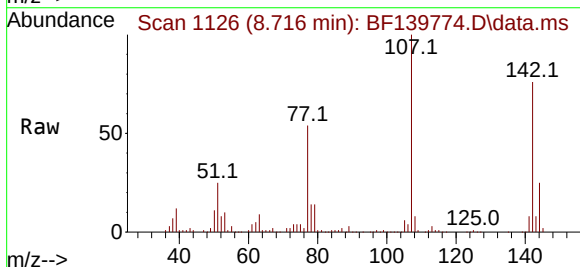
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MSD

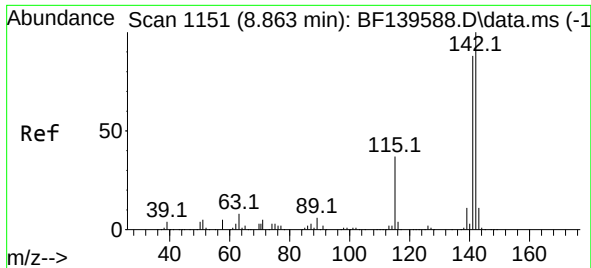
Tgt Ion:113 Resp: 49066
 Ion Ratio Lower Upper
 113 100
 55 201.7 193.4 233.4
 56 152.1 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.192 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139774.D
 Acq: 11 Oct 2024 14:49

Tgt Ion:107 Resp: 166915
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.6
 142 75.7 59.2 88.8

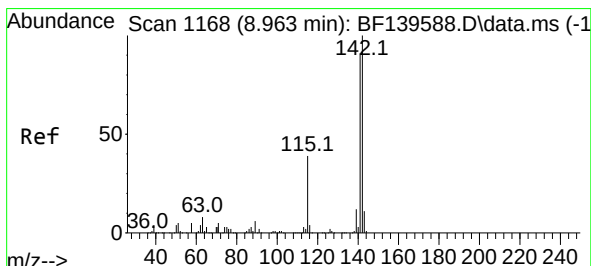
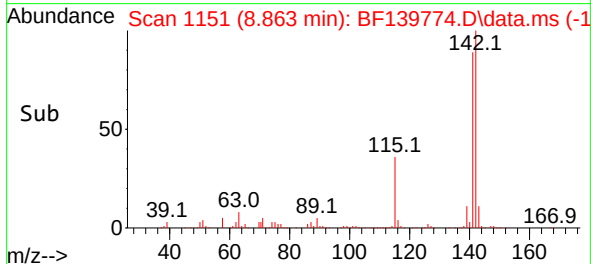
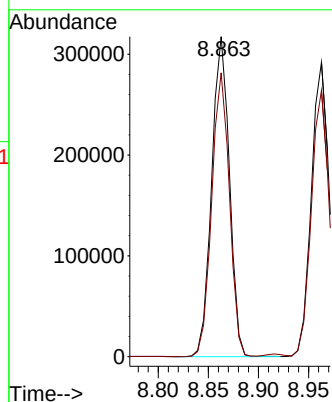
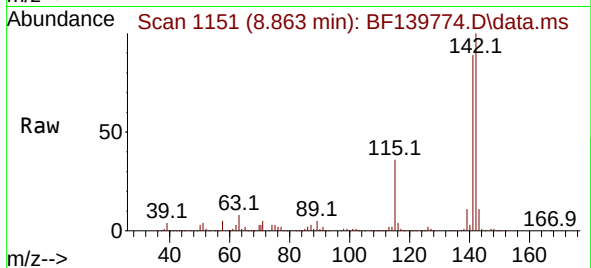




#37
2-Methylnaphthalene
Concen: 46.058 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

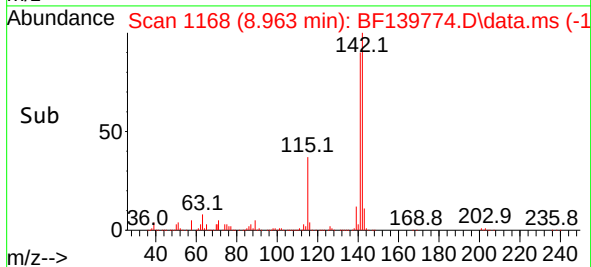
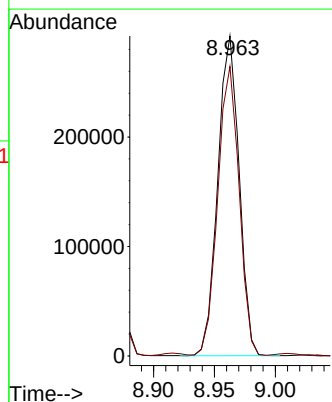
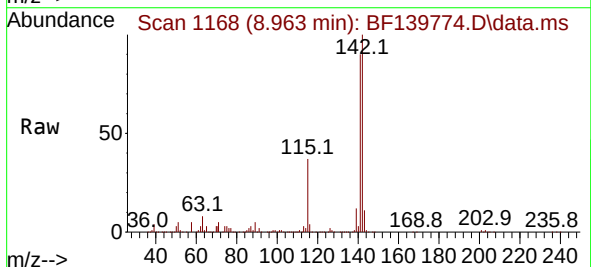
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

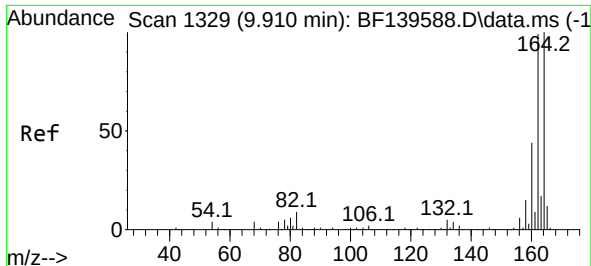
Tgt Ion:142 Resp: 391047
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6



#38
1-Methylnaphthalene
Concen: 42.972 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:142 Resp: 356625
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.4

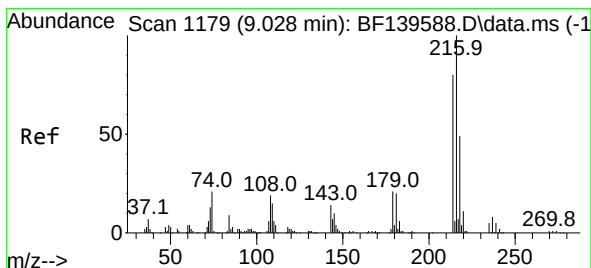
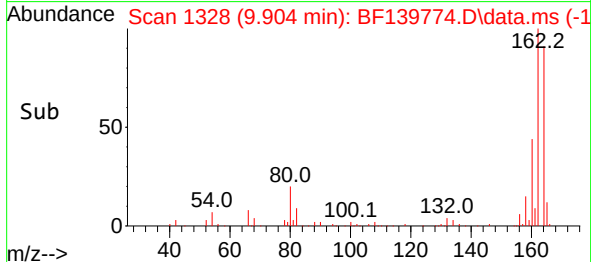
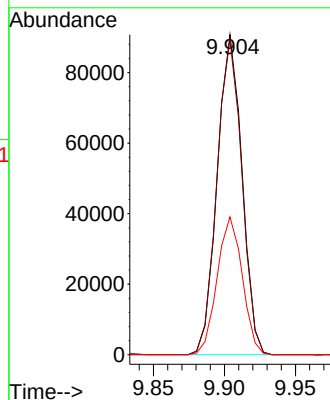
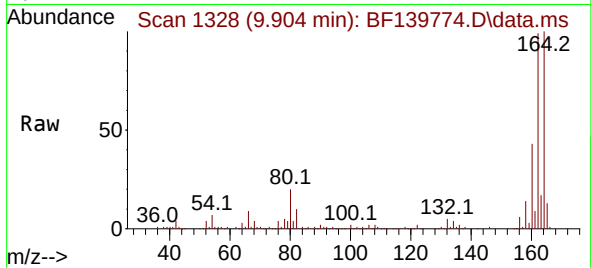




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

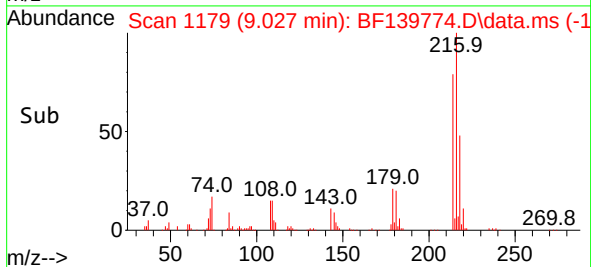
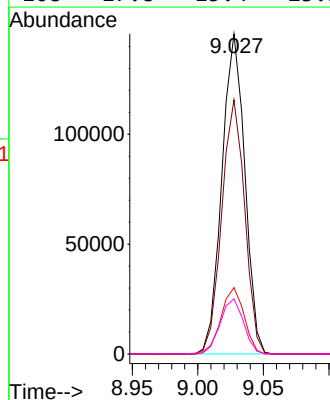
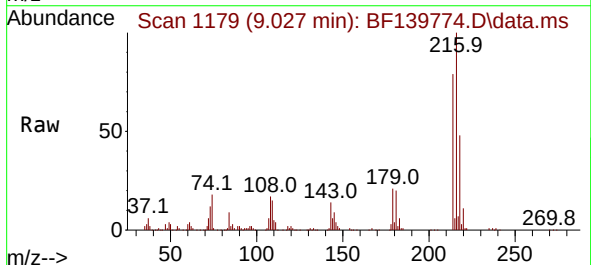
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

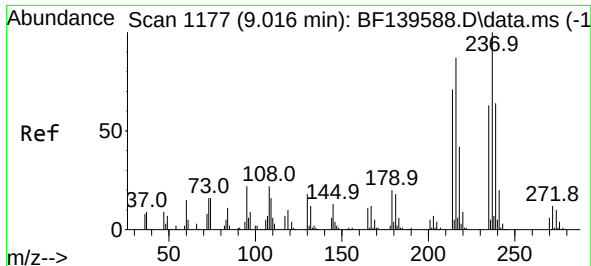
Tgt Ion:164 Resp: 109987
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 43.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.923 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:216 Resp: 176909
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.7 16.9 25.3
108 17.8 15.4 23.2

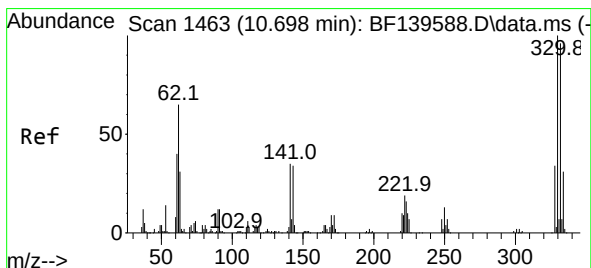
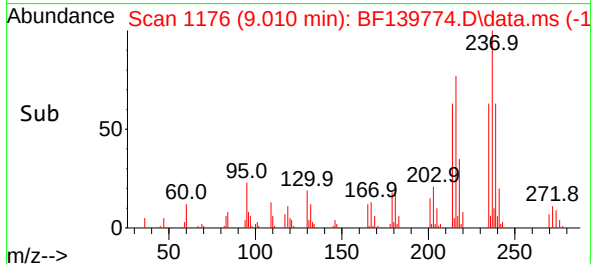
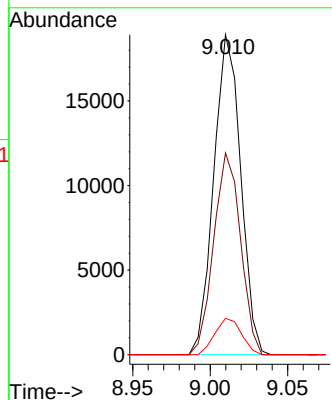
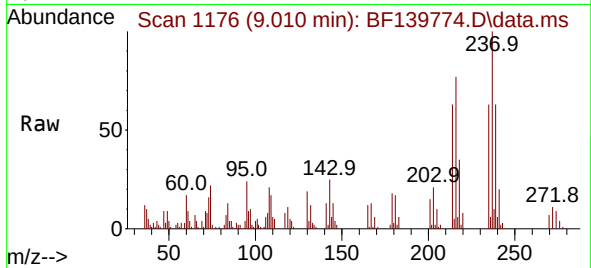




#41
Hexachlorocyclopentadiene
Concen: 24.431 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

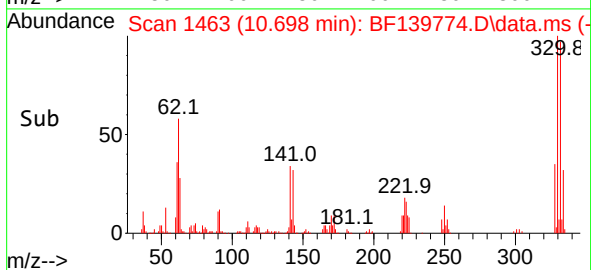
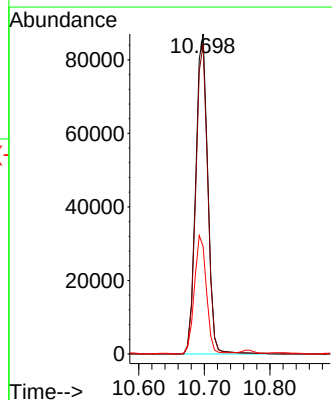
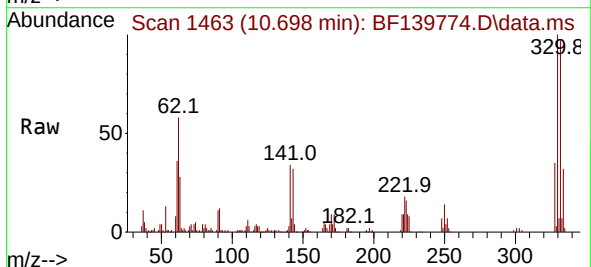
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

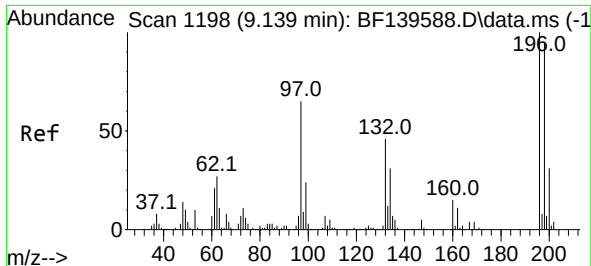
Tgt Ion:237 Resp: 22879
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 11.4 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 104.992 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:330 Resp: 111475
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 36.9 29.3 43.9

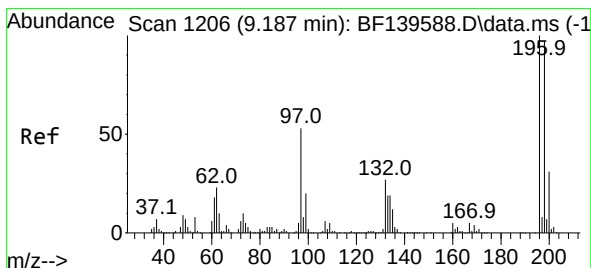
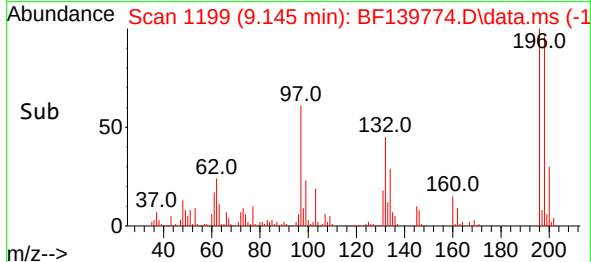
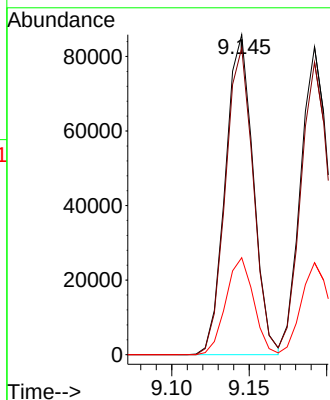
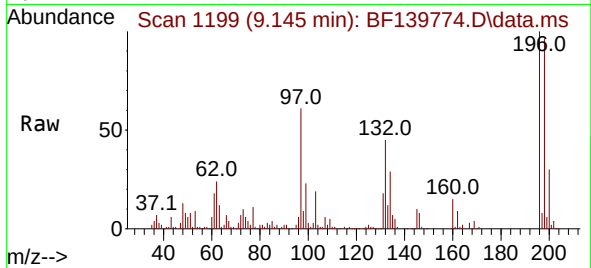




#43
2,4,6-Trichlorophenol
Concen: 52.157 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

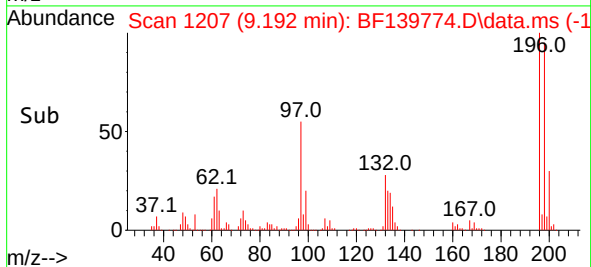
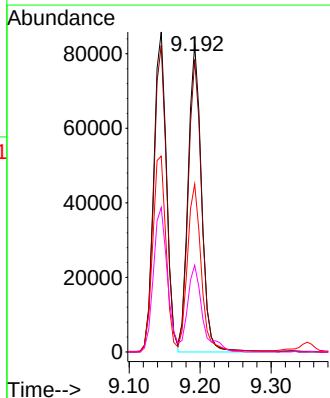
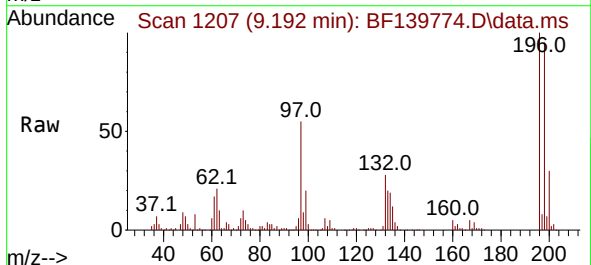
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

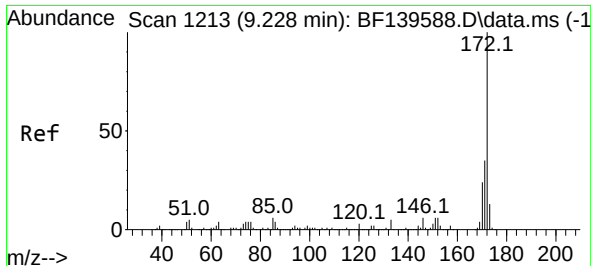
Tgt Ion:196 Resp: 107386
Ion Ratio Lower Upper
196 100
198 95.8 75.2 112.8
200 30.3 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 48.681 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:196 Resp: 108090
Ion Ratio Lower Upper
196 100
198 95.0 77.5 116.3
97 54.5 43.1 64.7
132 28.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 88.753 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

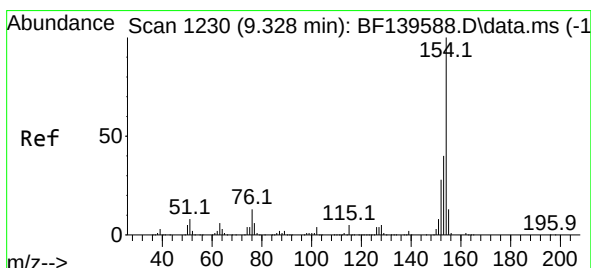
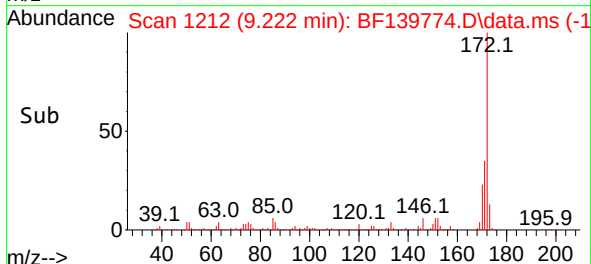
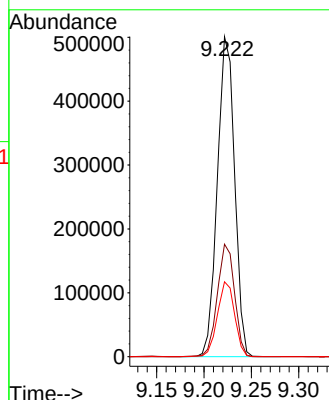
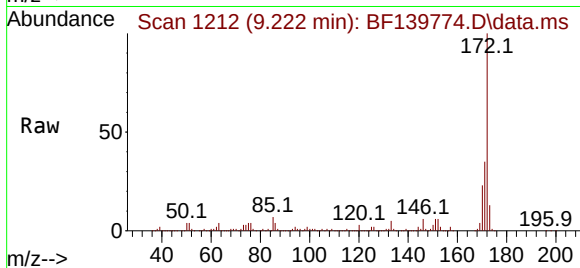
Tgt Ion:172 Resp: 635866

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 55.374 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

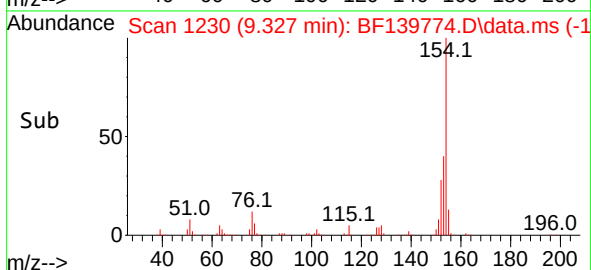
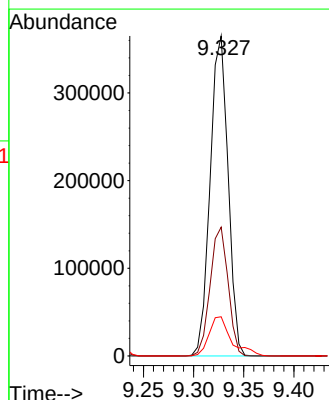
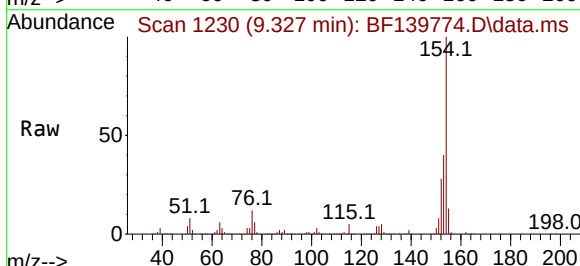
Tgt Ion:154 Resp: 452989

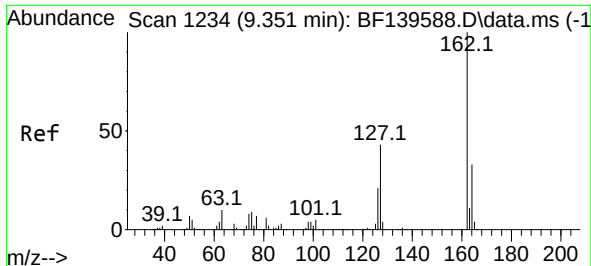
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 12.2 0.0 32.6





#47

2-Chloronaphthalene

Concen: 53.356 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

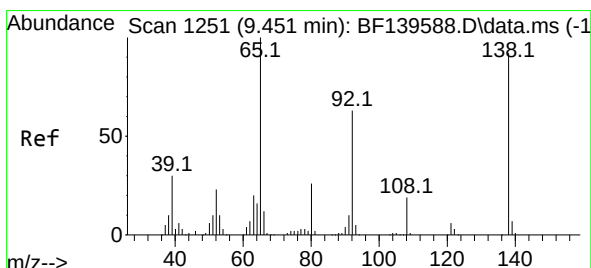
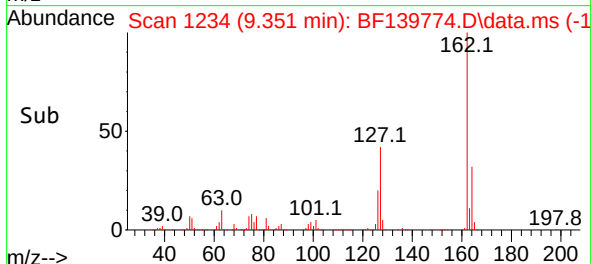
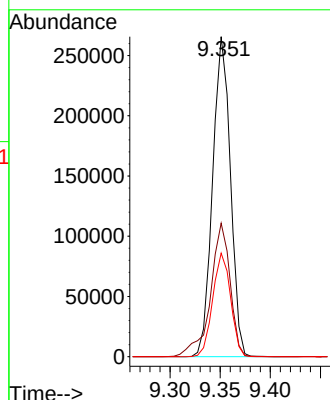
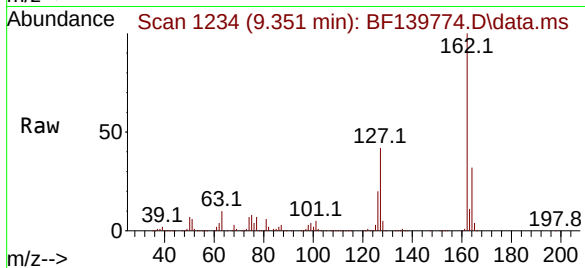
Tgt Ion:162 Resp: 327217

Ion Ratio Lower Upper

162 100

127 41.7 35.0 52.4

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 50.882 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

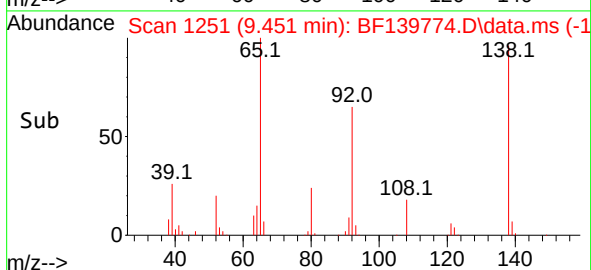
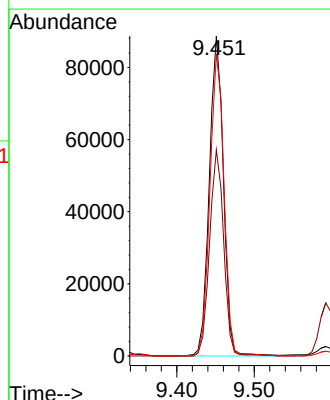
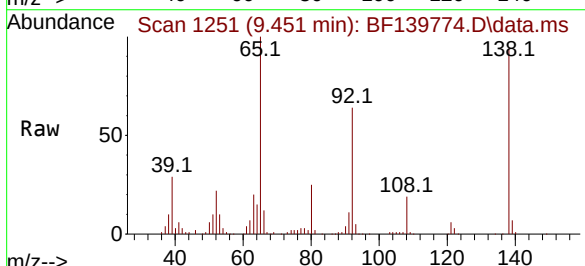
Tgt Ion: 65 Resp: 112015

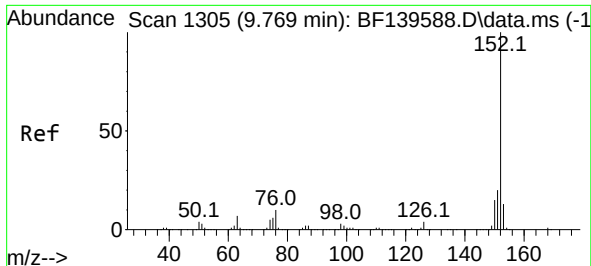
Ion Ratio Lower Upper

65 100

92 64.4 50.0 75.0

138 94.5 73.8 110.8





#49

Acenaphthylene

Concen: 54.951 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

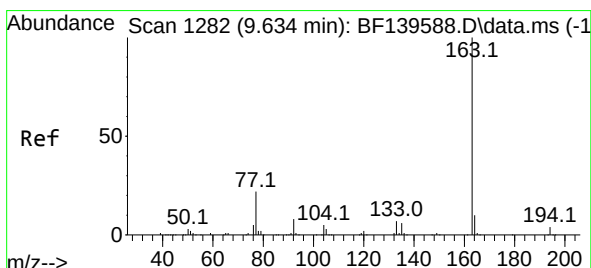
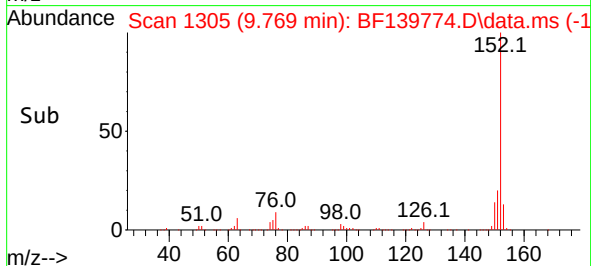
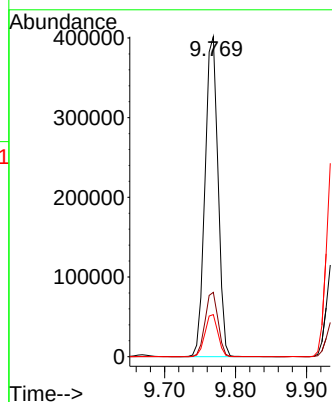
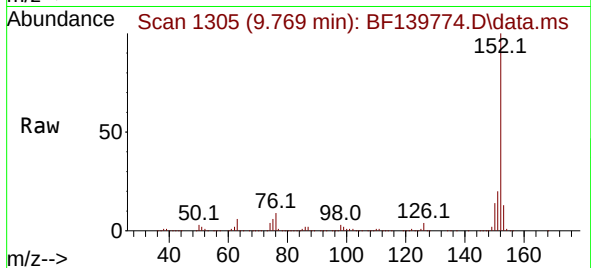
Tgt Ion:152 Resp: 512495

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 54.541 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

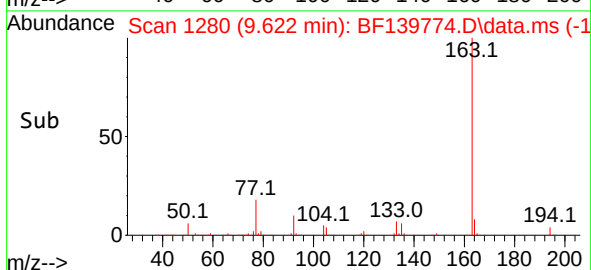
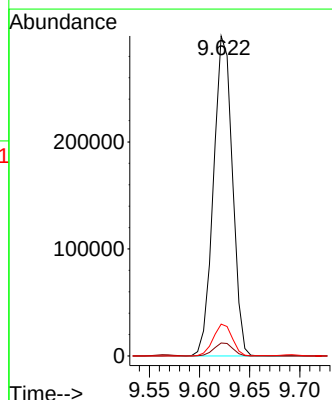
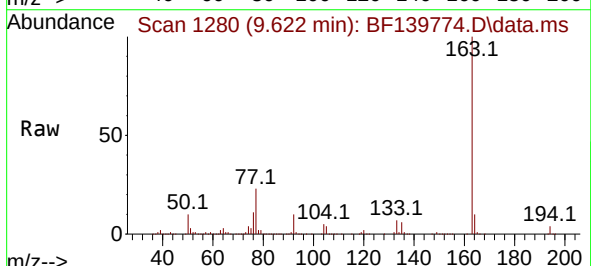
Tgt Ion:163 Resp: 392684

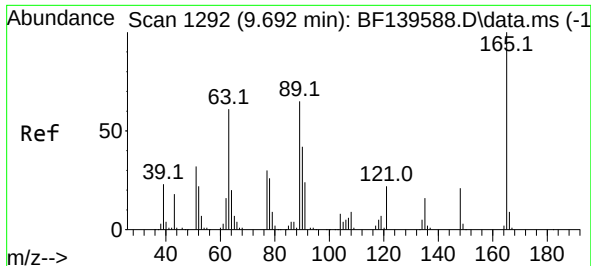
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 9.9 8.1 12.1

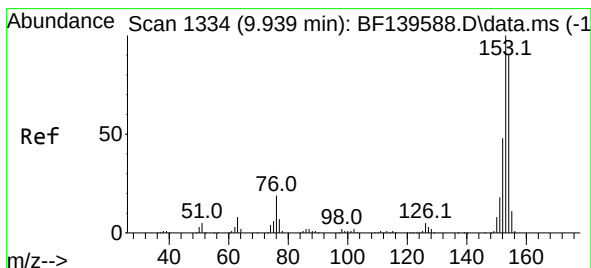
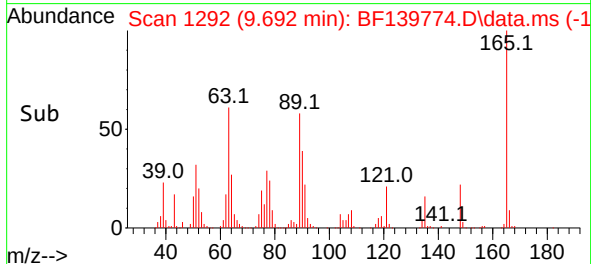
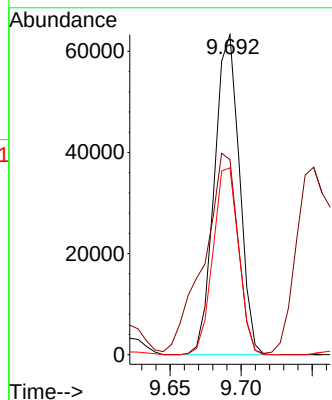
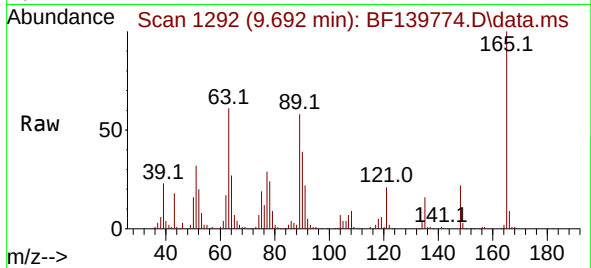




#51
2,6-Dinitrotoluene
Concen: 47.613 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

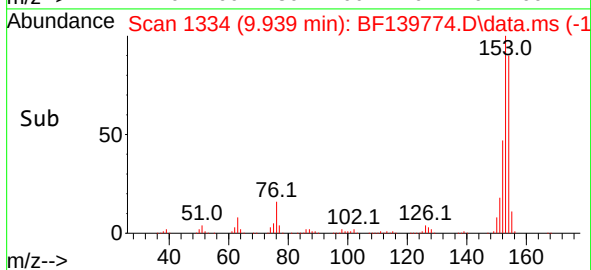
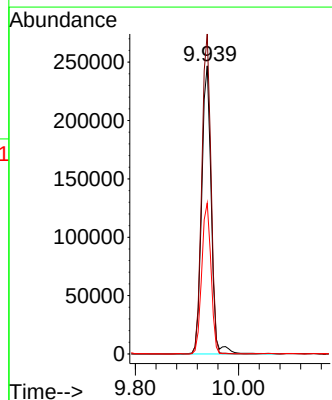
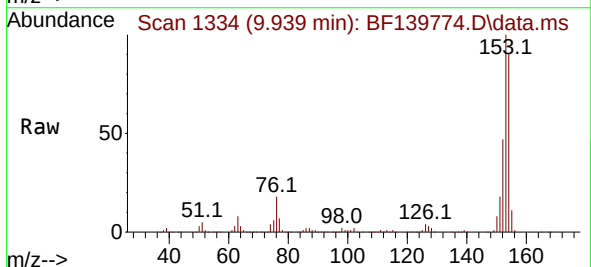
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

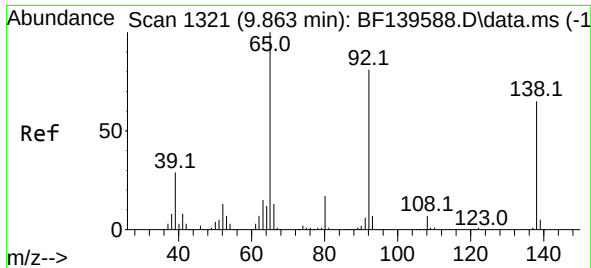
Tgt Ion:165 Resp: 77439
Ion Ratio Lower Upper
165 100
63 61.0 56.7 85.1
89 58.4 51.6 77.4



#52
Acenaphthene
Concen: 49.470 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:154 Resp: 316734
Ion Ratio Lower Upper
154 100
153 111.0 88.8 133.2
152 52.4 42.5 63.7

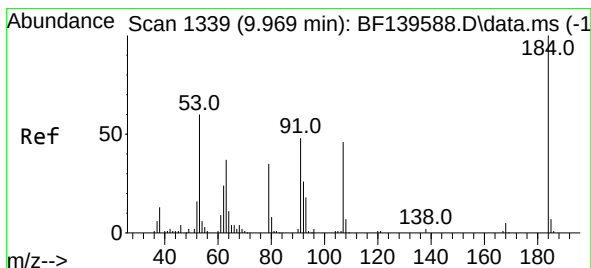
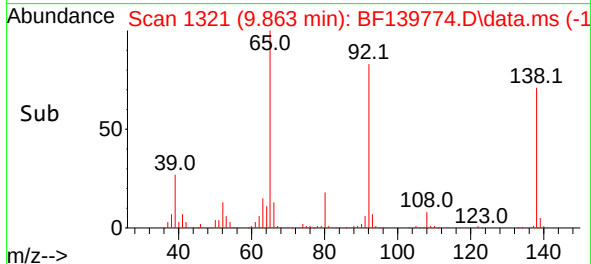
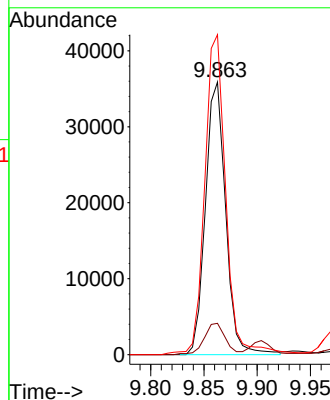
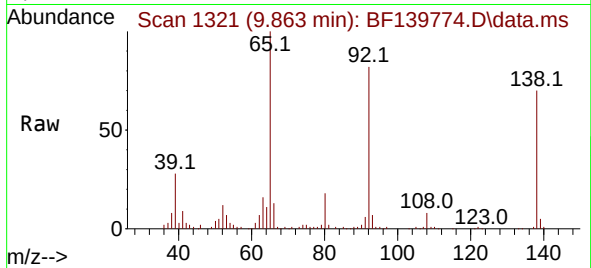




#53
3-Nitroaniline
Concen: 28.595 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

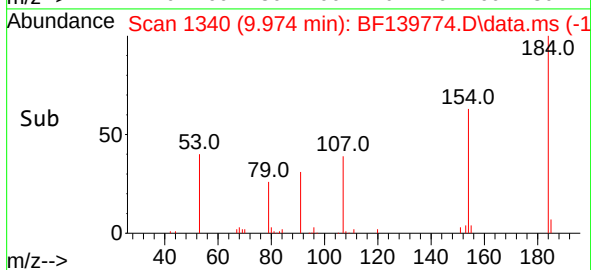
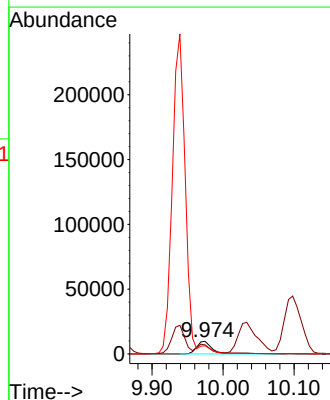
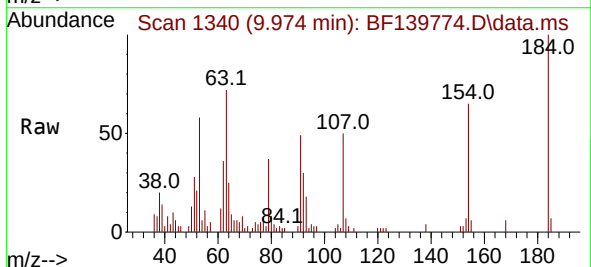
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

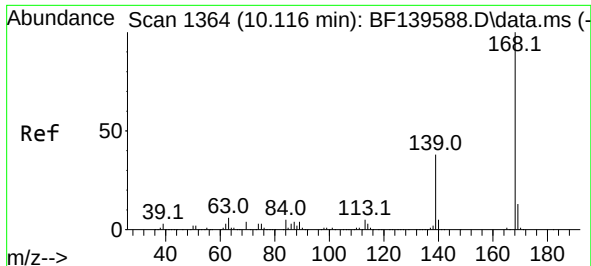
Tgt Ion:138 Resp: 47527
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 117.4 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 18.018 ng
RT: 9.974 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:184 Resp: 15762
Ion Ratio Lower Upper
184 100
63 72.3 61.7 92.5
154 65.2 53.0 79.4





#55

Dibenzenofuran

Concen: 50.191 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

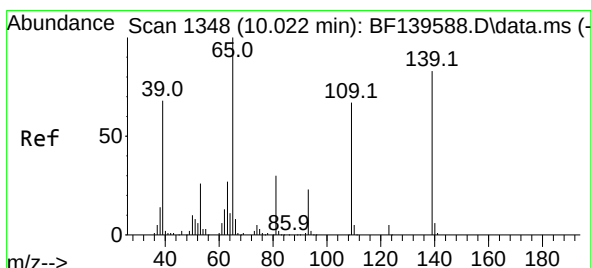
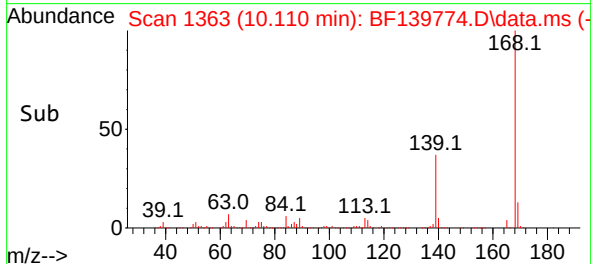
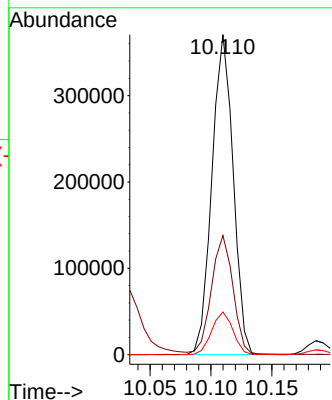
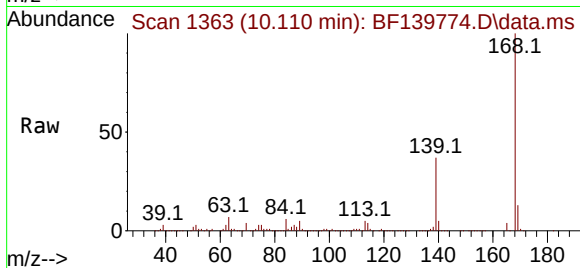
Tgt Ion:168 Resp: 449940

Ion Ratio Lower Upper

168 100

139 37.3 30.4 45.6

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 91.330 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

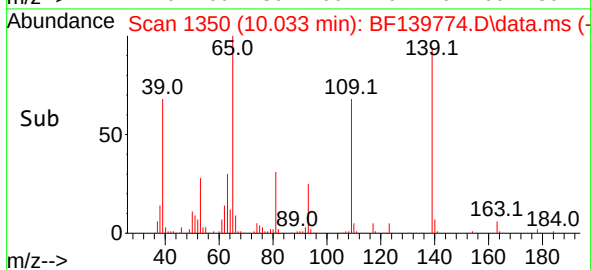
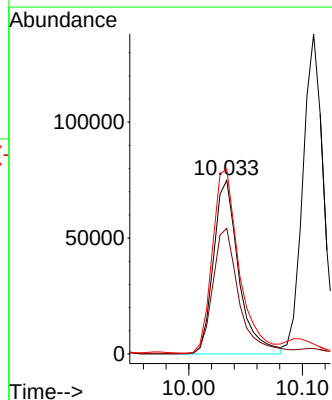
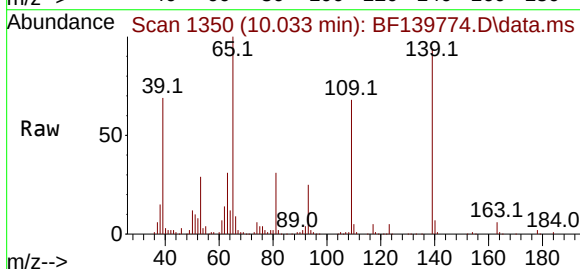
Tgt Ion:139 Resp: 115758

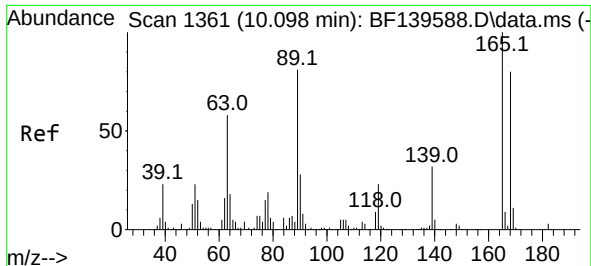
Ion Ratio Lower Upper

139 100

109 72.3 60.3 100.3

65 106.5 100.8 140.8

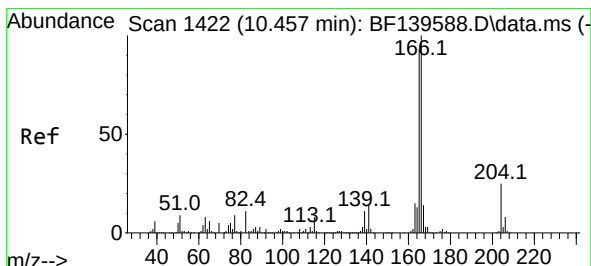
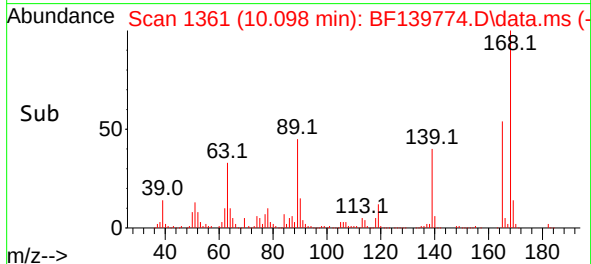
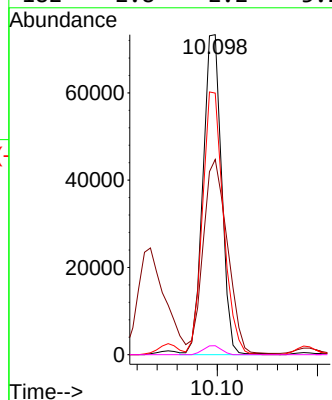
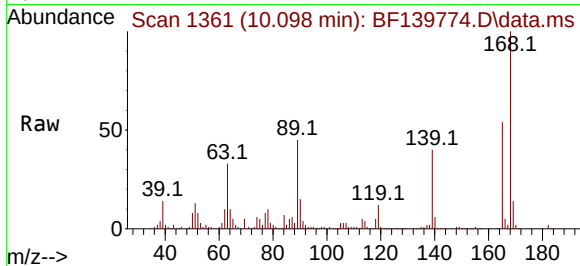




#57
2,4-Dinitrotoluene
Concen: 44.662 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

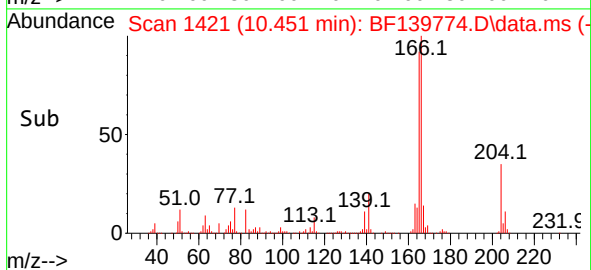
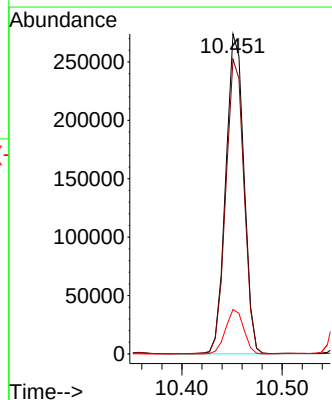
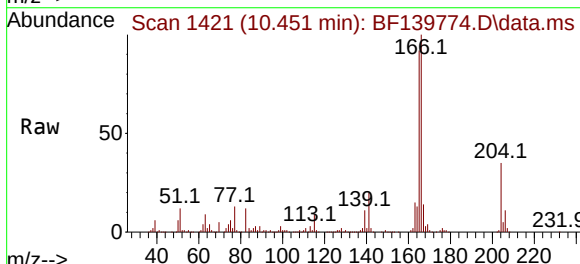
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

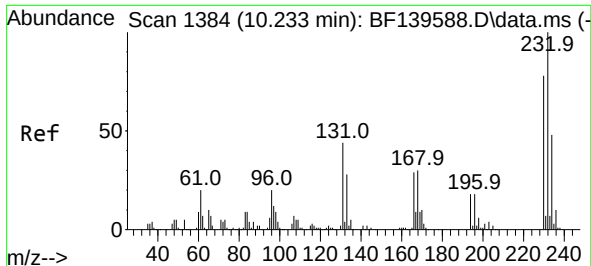
Tgt Ion:	165	Resp:	94948
Ion Ratio	Lower	Upper	
165	100		
63	61.0	46.9	70.3
89	81.7	64.4	96.6
182	2.8	2.2	3.2



#58
Fluorene
Concen: 48.112 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:	166	Resp:	343525
Ion Ratio	Lower	Upper	
166	100		
165	92.1	74.4	111.6
167	13.9	10.9	16.3



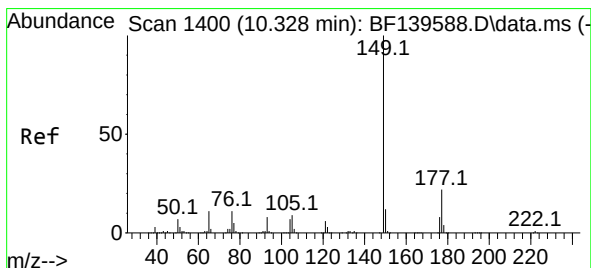
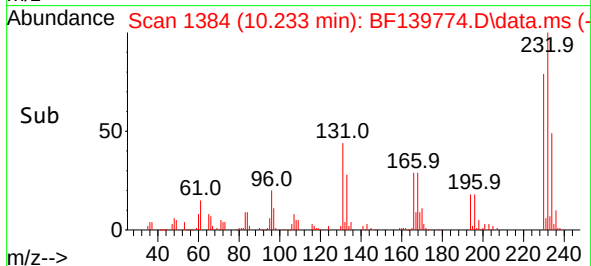
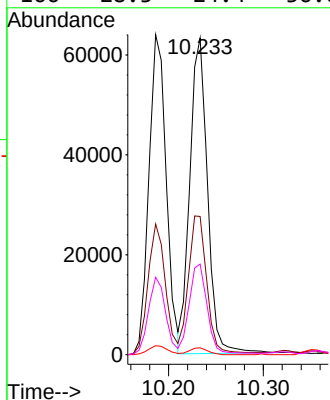
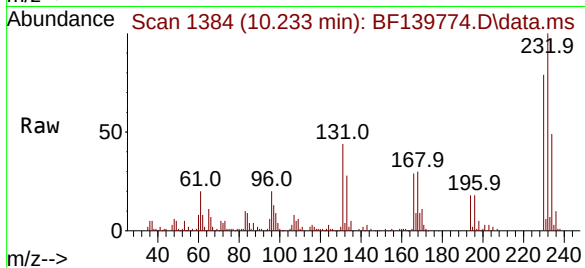


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.886 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

Tgt Ion:232 Resp: 82290

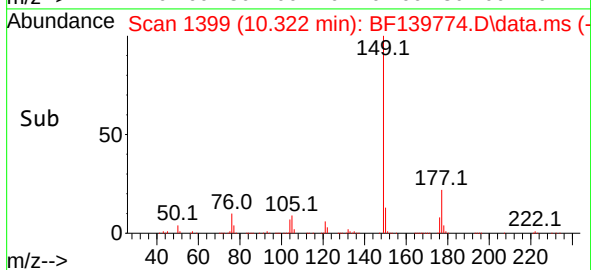
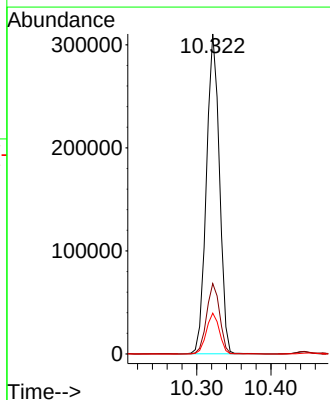
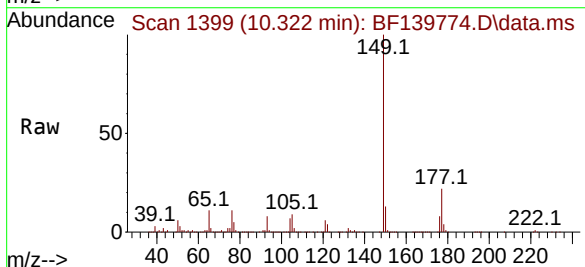
Ion	Ratio	Lower	Upper
232	100		
131	44.2	37.8	56.6
130	2.3	1.9	2.9
166	28.3	24.4	36.6

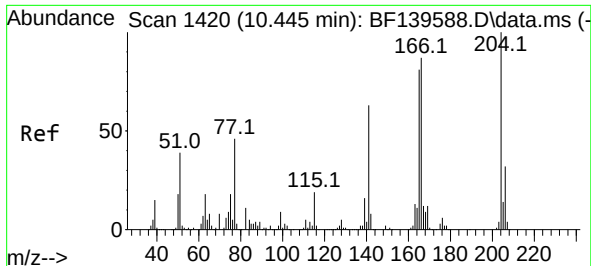


#60
Diethylphthalate
Concen: 50.797 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:149 Resp: 377756

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.0
150	12.8	10.0	15.0

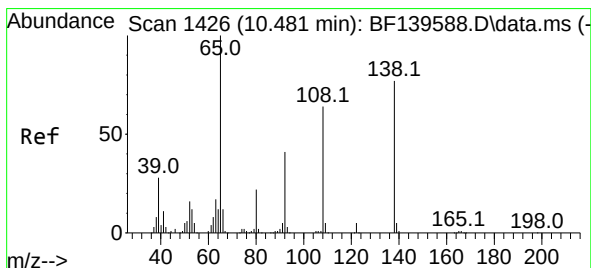
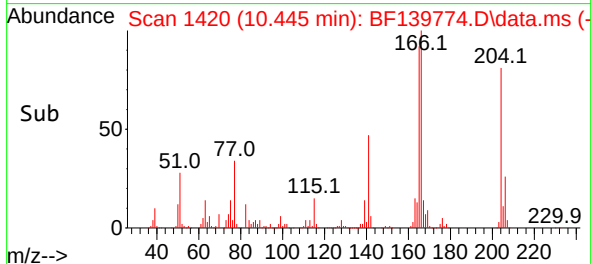
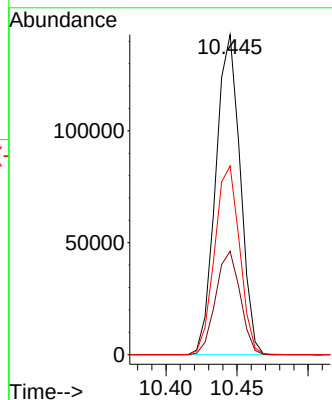
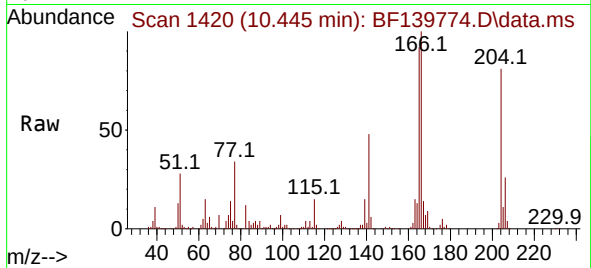




#61
4-Chlorophenyl-phenylether
Concen: 47.915 ng
RT: 10.445 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

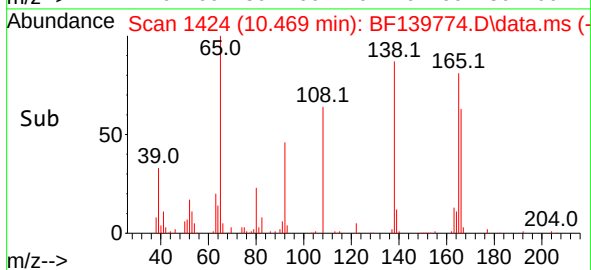
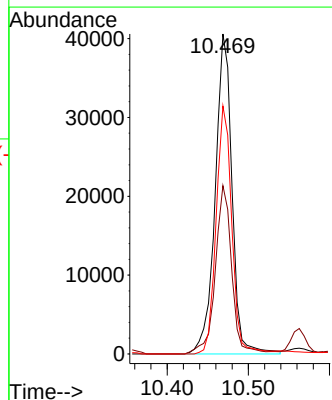
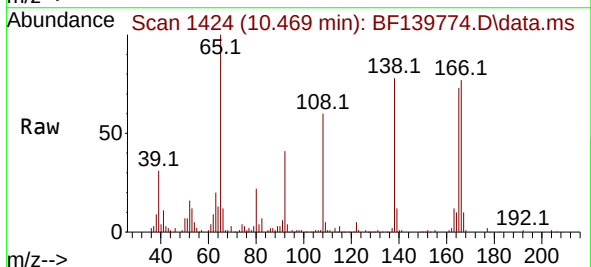
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

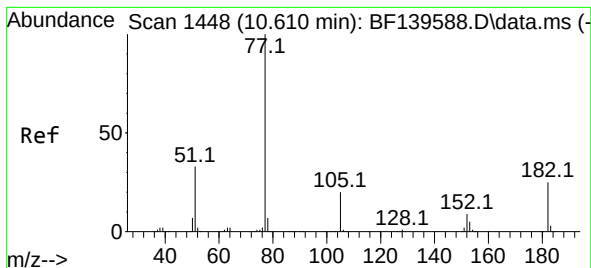
Tgt Ion:204 Resp: 171156
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 58.9 50.5 75.7



#62
4-Nitroaniline
Concen: 34.470 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:138 Resp: 58602
Ion Ratio Lower Upper
138 100
92 52.6 33.3 73.3
108 77.5 62.1 102.1





#63

Azobenzene

Concen: 53.621 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

Tgt Ion: 77 Resp: 401020

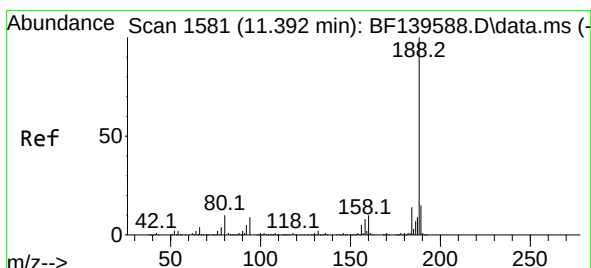
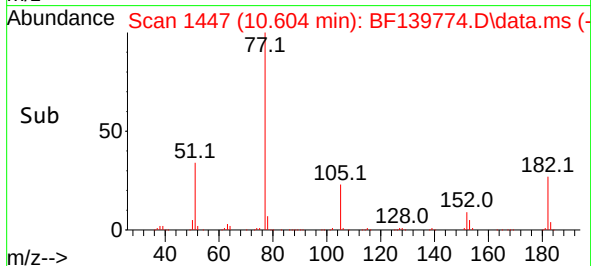
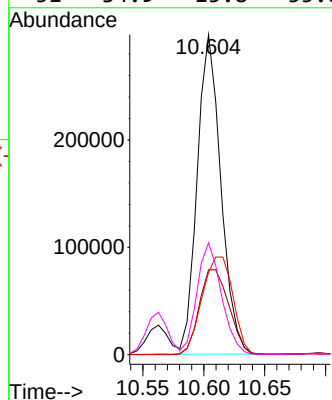
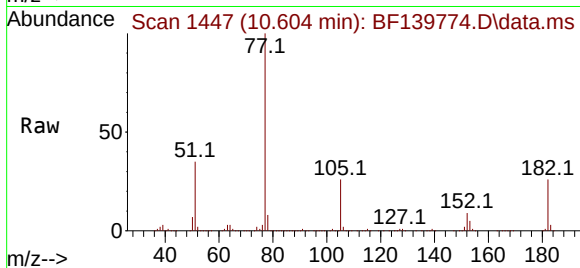
Ion Ratio Lower Upper

77 100

182 26.5 4.2 44.2

105 25.7 0.0 39.6

51 34.9 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

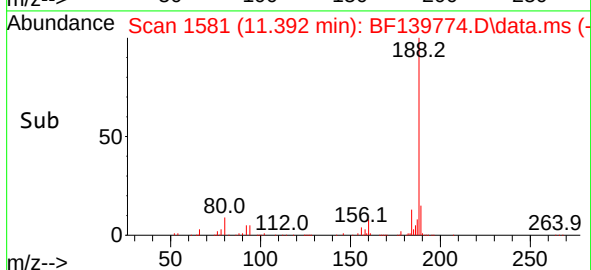
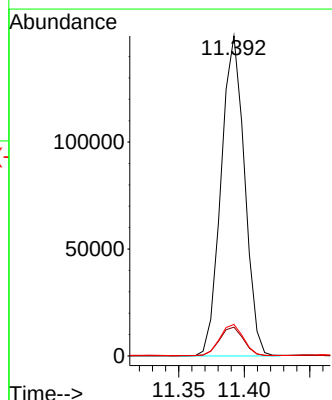
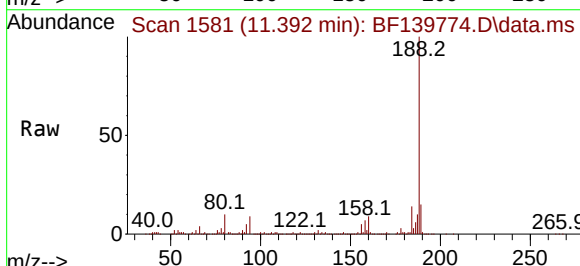
Tgt Ion: 188 Resp: 186157

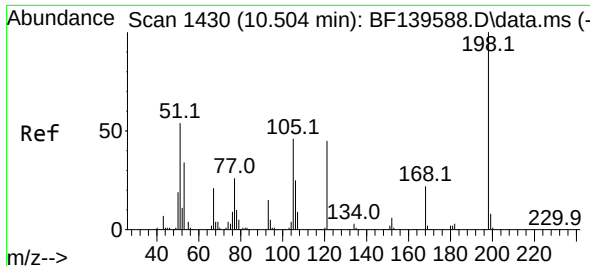
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.8 8.2 12.2

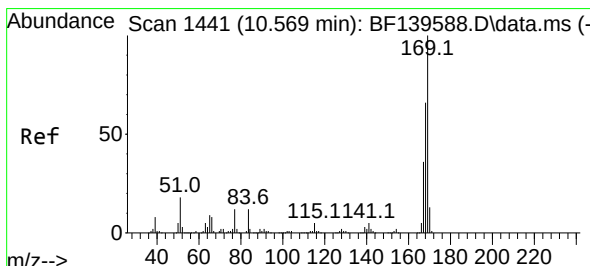
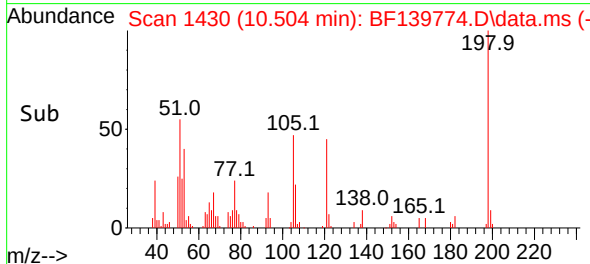
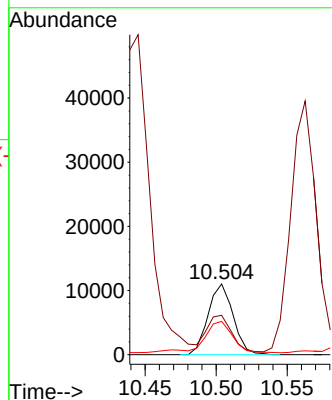
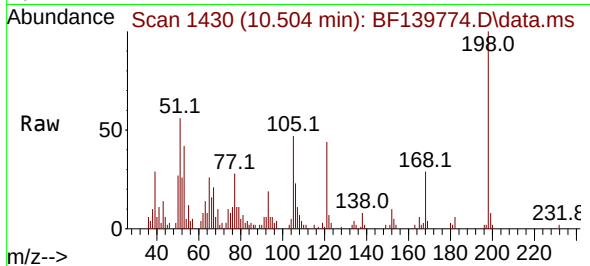




#65
4,6-Dinitro-2-methylphenol
Concen: 12.823 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

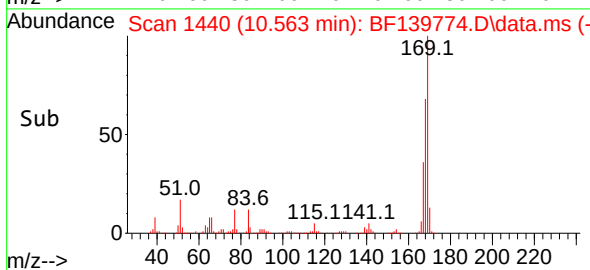
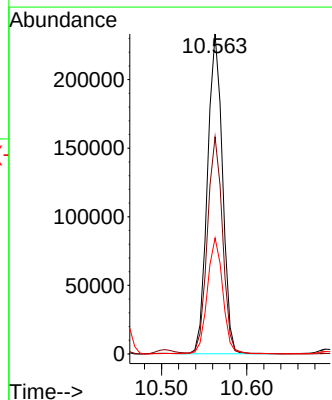
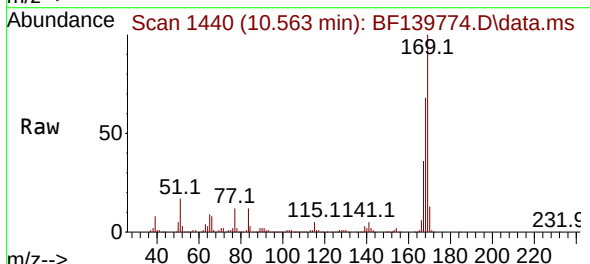
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

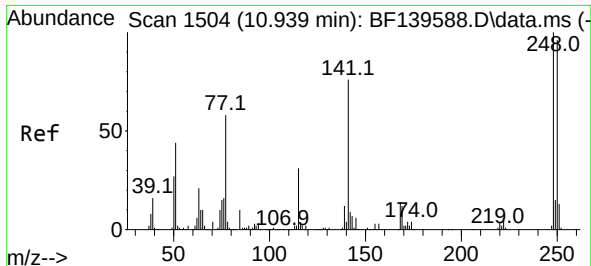
Tgt Ion:198 Resp: 13482
Ion Ratio Lower Upper
198 100
51 55.7 43.0 83.0
105 47.1 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 52.008 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:169 Resp: 285381
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 36.3 28.6 43.0

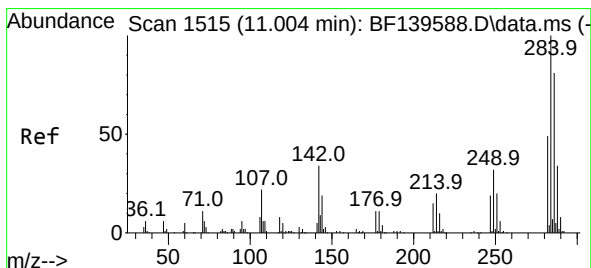
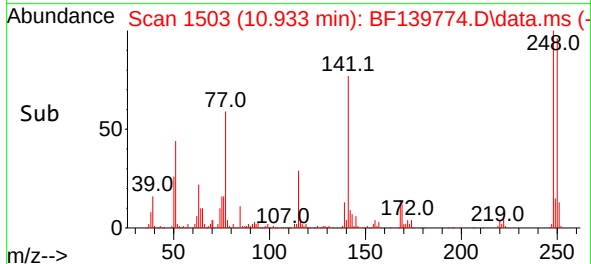
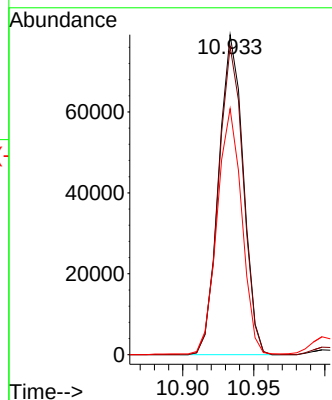
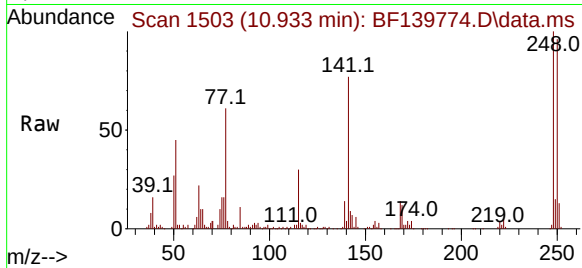




#67
4-Bromophenyl-phenylether
Concen: 49.932 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

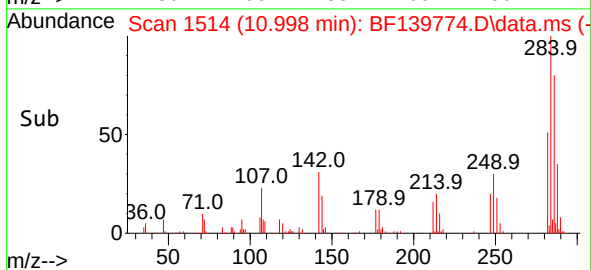
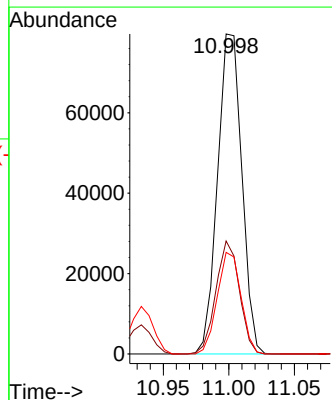
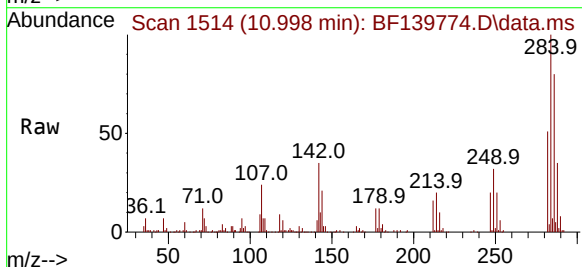
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

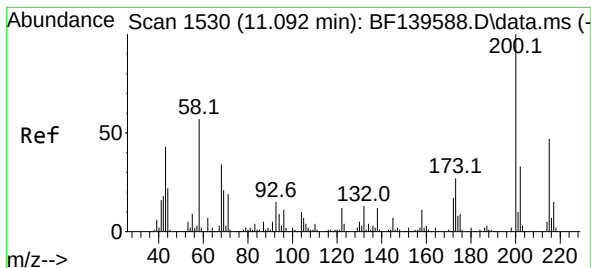
Tgt Ion:248 Resp: 95305
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 76.9 60.4 90.6



#68
Hexachlorobenzene
Concen: 48.395 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:284 Resp: 102499
Ion Ratio Lower Upper
284 100
142 35.3 26.9 40.3
249 31.8 25.4 38.0





#69

Atrazine

Concen: 59.276 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

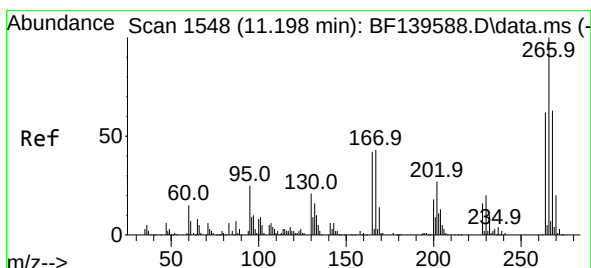
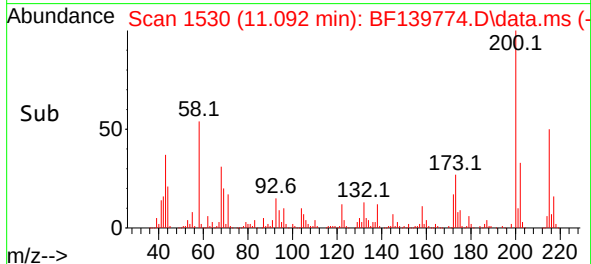
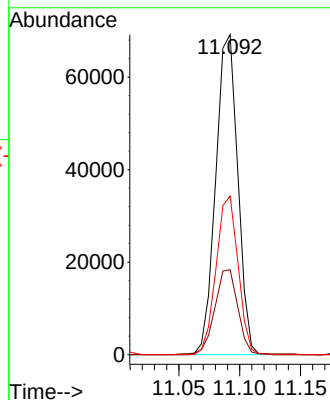
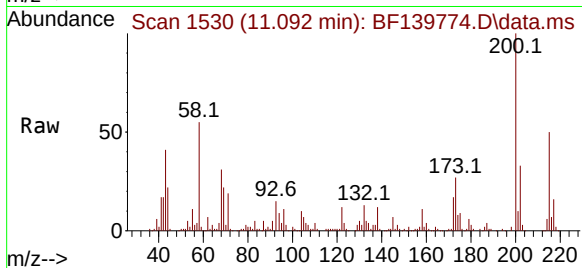
Tgt Ion:200 Resp: 87269

Ion Ratio Lower Upper

200 100

173 26.6 6.7 46.7

215 49.6 27.5 67.5



#70

Pentachlorophenol

Concen: 92.550 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

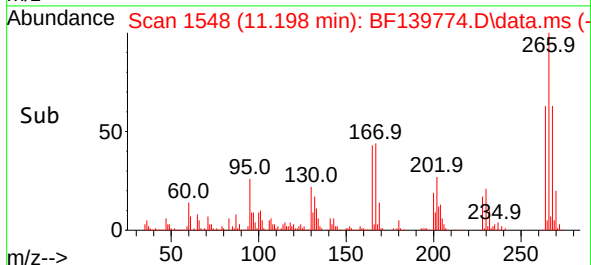
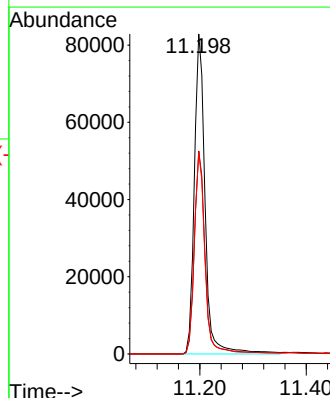
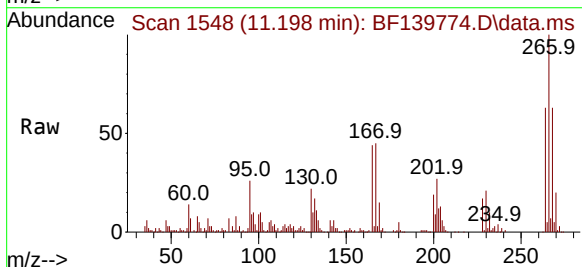
Tgt Ion:266 Resp: 116718

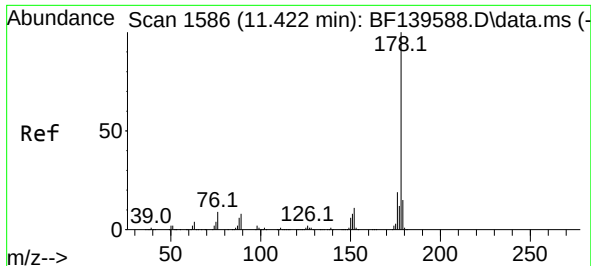
Ion Ratio Lower Upper

266 100

268 63.4 50.0 75.0

264 63.2 49.3 73.9

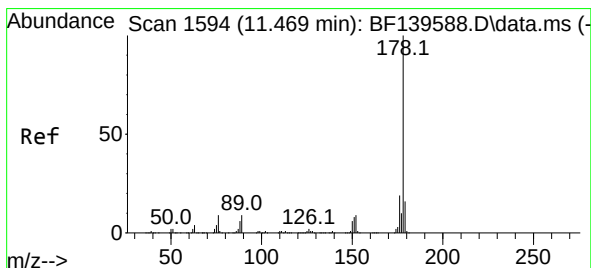
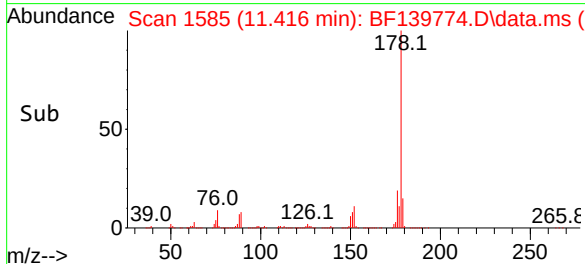
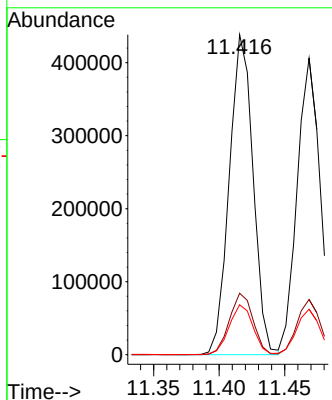
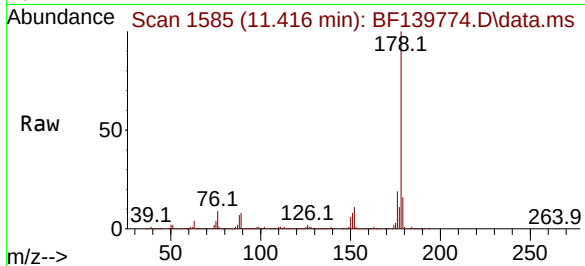




#71
Phenanthrene
Concen: 63.076 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

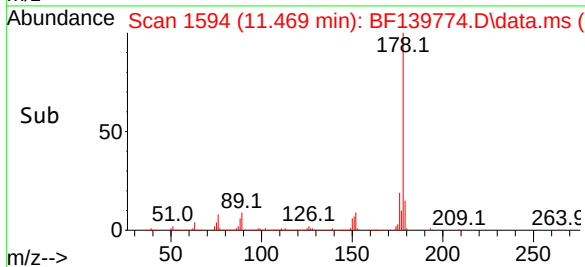
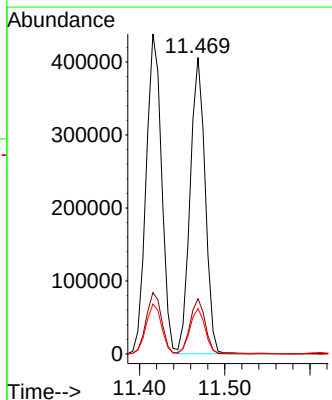
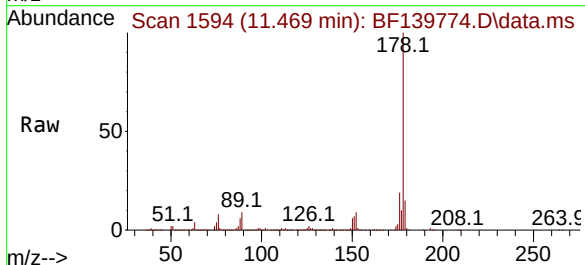
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

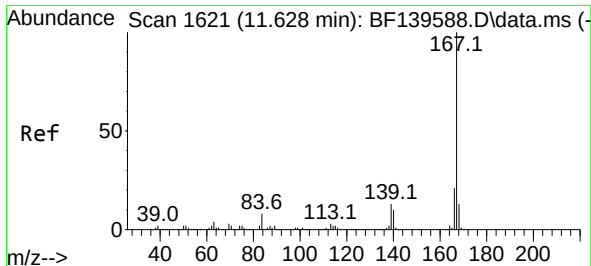
Tgt Ion:178 Resp: 553649
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.3 18.5



#72
Anthracene
Concen: 56.961 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:178 Resp: 494619
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.4 12.5 18.7

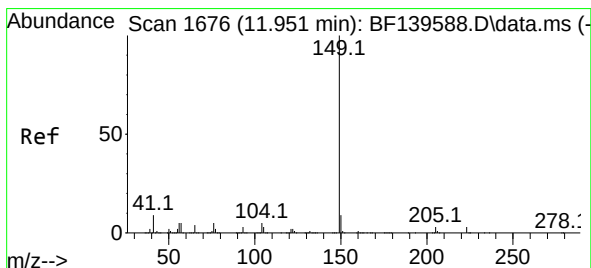
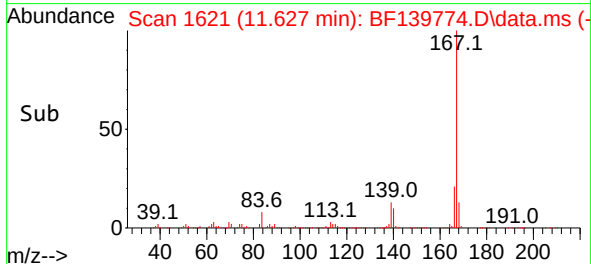
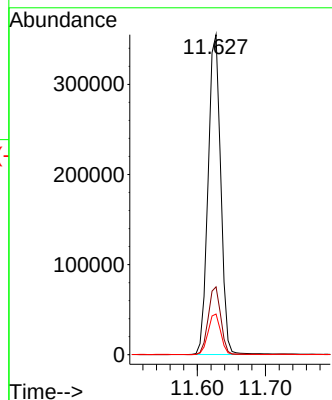
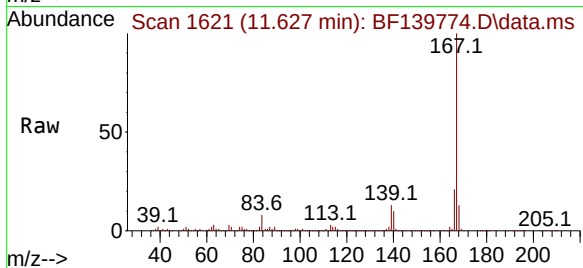




#73
Carbazole
Concen: 54.852 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

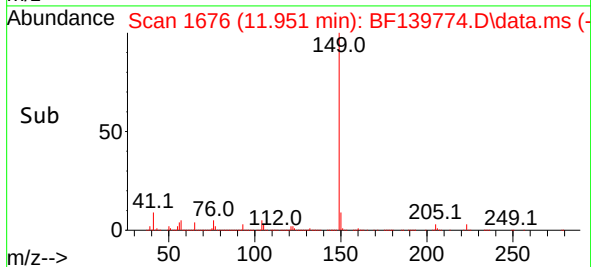
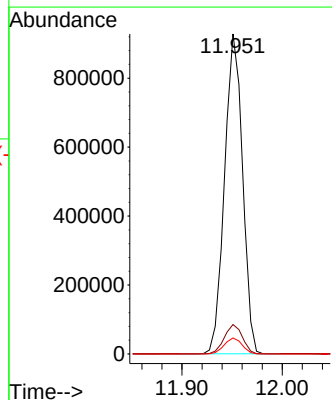
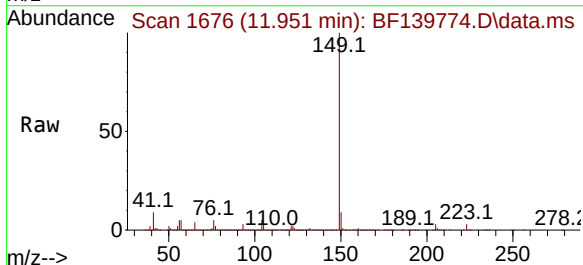
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

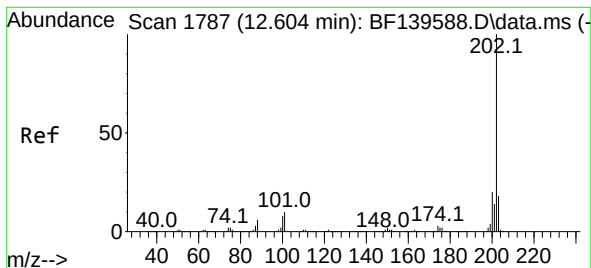
Tgt Ion:167 Resp: 457470
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.7 10.3 15.5



#74
Di-n-butylphthalate
Concen: 113.743 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:149 Resp: 1153561
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 73.273 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

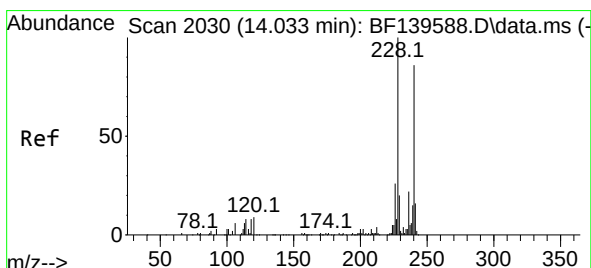
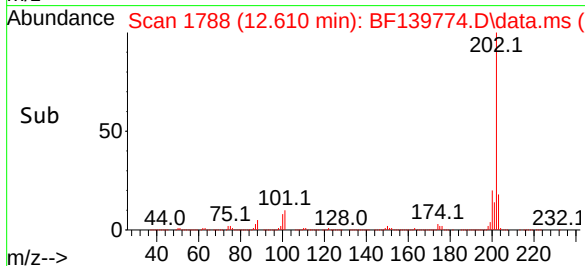
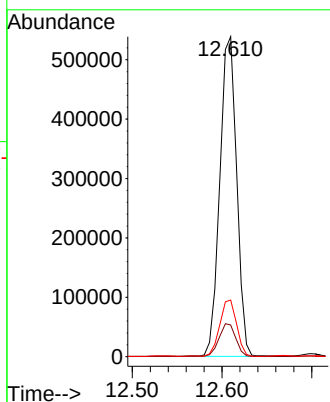
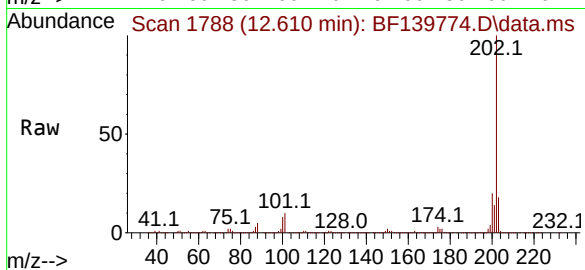
Tgt Ion:202 Resp: 703057

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

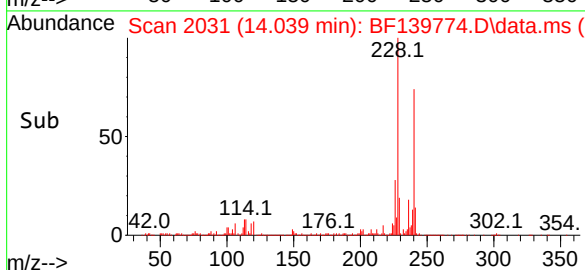
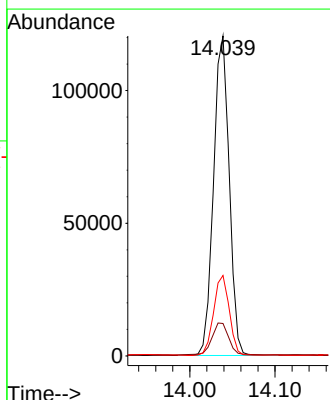
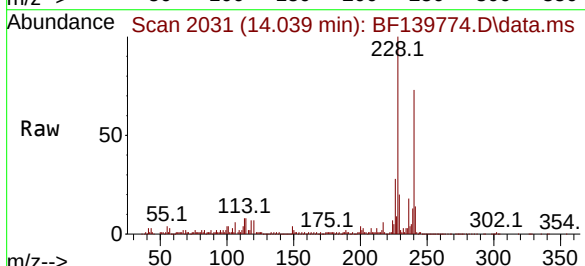
Tgt Ion:240 Resp: 153677

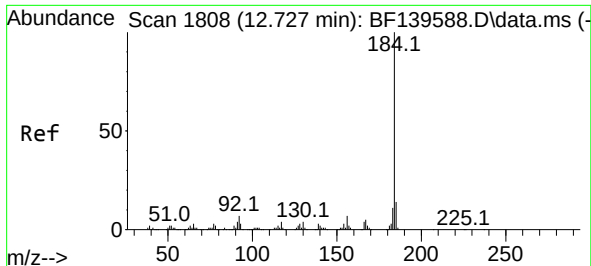
Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 25.2 20.3 30.5

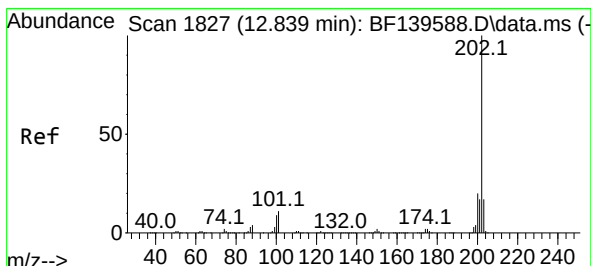
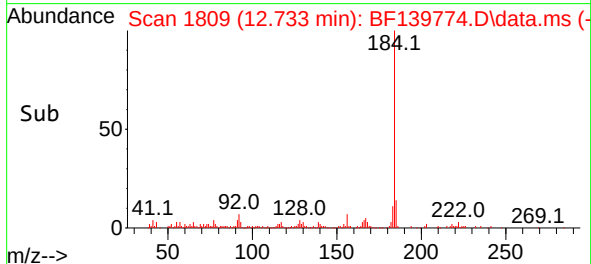
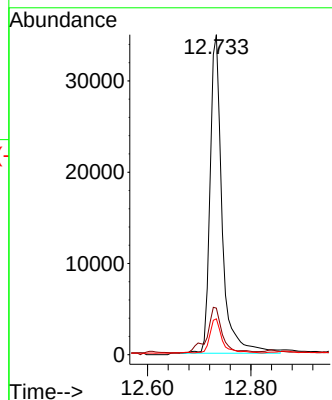
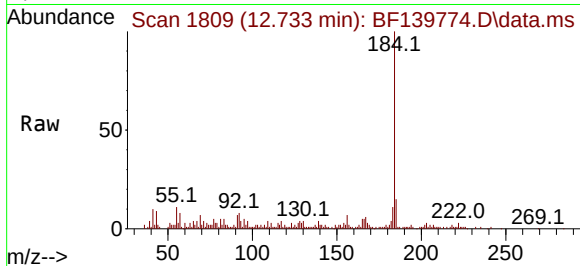




#77
Benzidine
Concen: 20.879 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

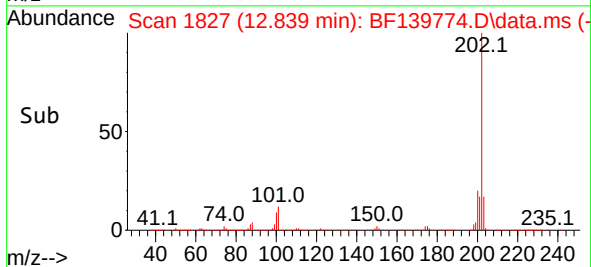
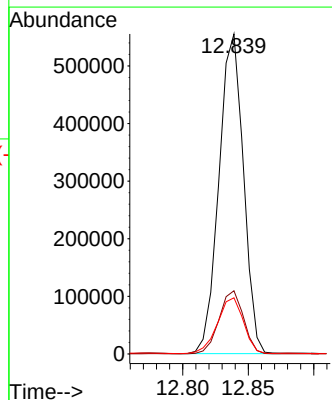
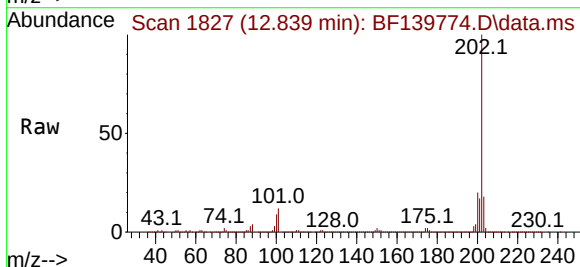
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

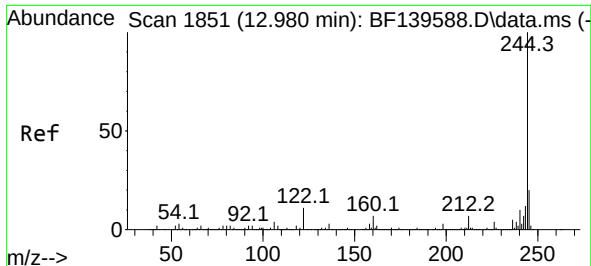
Tgt Ion:184 Resp: 56595
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 11.2 8.8 13.2



#78
Pyrene
Concen: 52.452 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:202 Resp: 720943
Ion Ratio Lower Upper
202 100
200 19.7 15.8 23.6
203 17.6 13.8 20.8

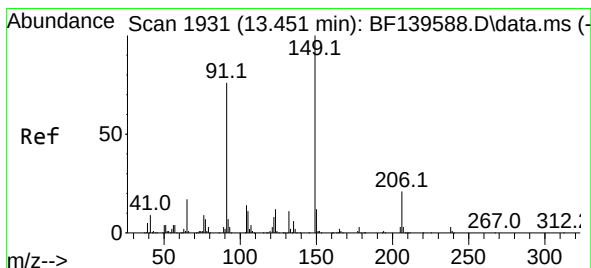
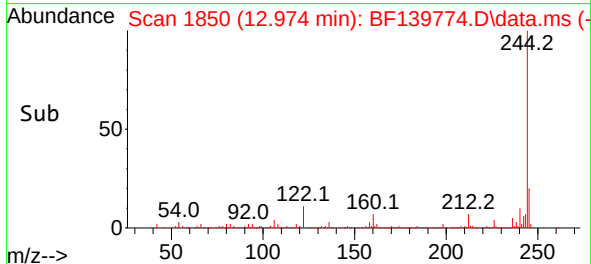
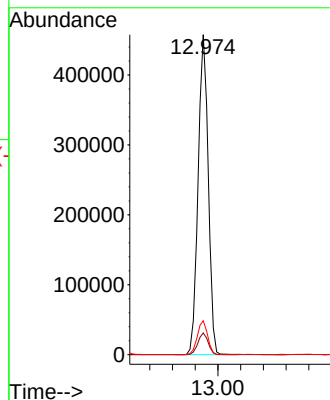
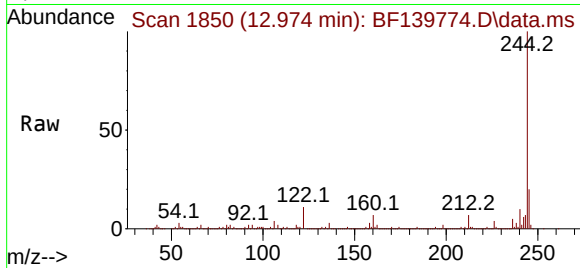




#79
 Terphenyl-d14
 Concen: 60.889 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF139774.D
 Acq: 11 Oct 2024 14:49

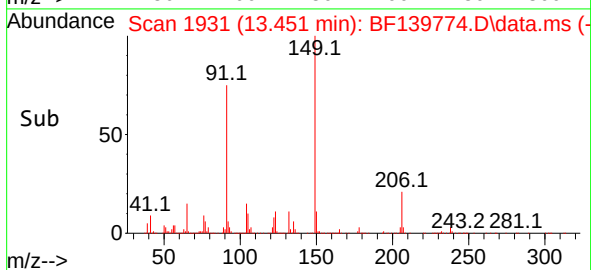
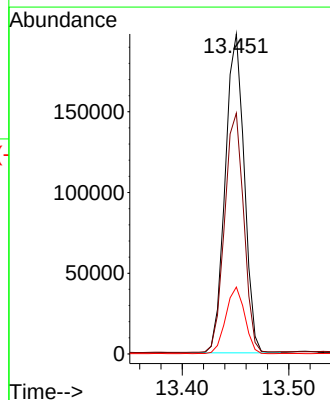
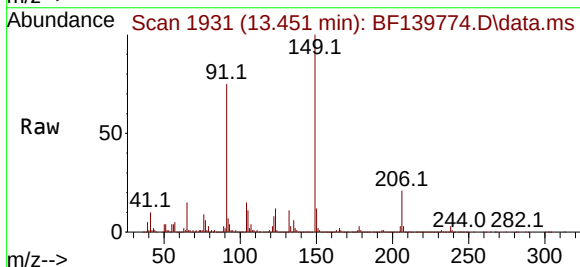
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-2.5MSD

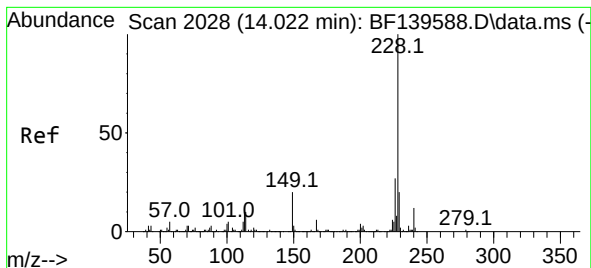
Tgt Ion:244 Resp: 570274
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 10.6 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 49.712 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139774.D
 Acq: 11 Oct 2024 14:49

Tgt Ion:149 Resp: 244400
 Ion Ratio Lower Upper
 149 100
 91 75.2 61.0 91.4
 206 20.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 60.270 ng

RT: 14.027 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

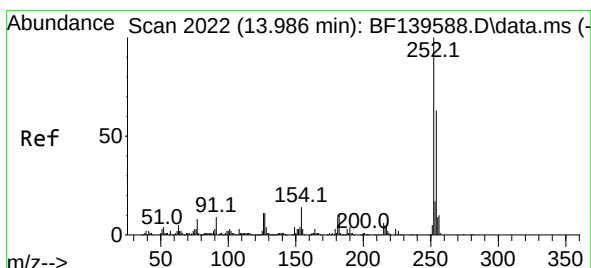
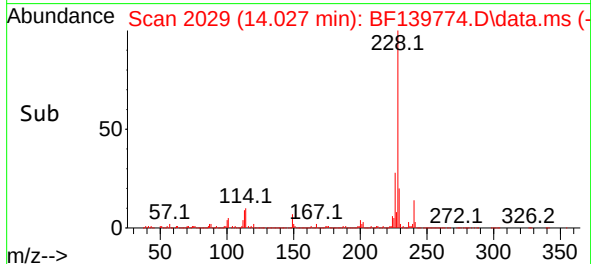
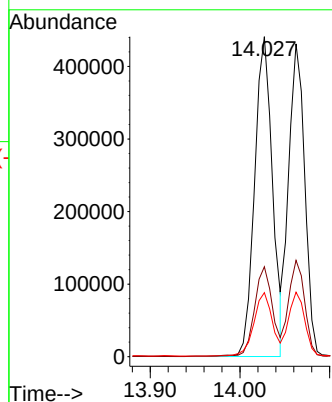
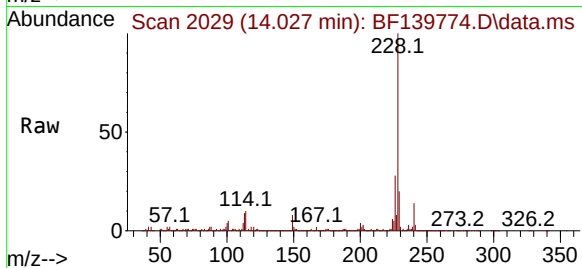
Tgt Ion:228 Resp: 608949

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.517 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

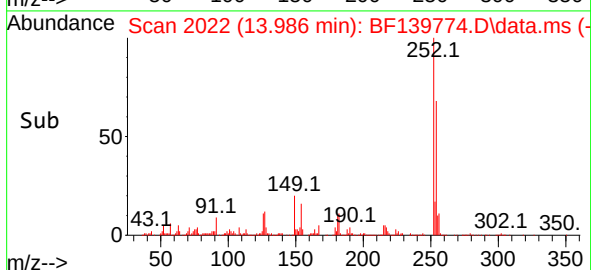
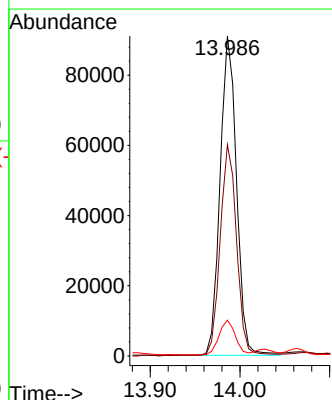
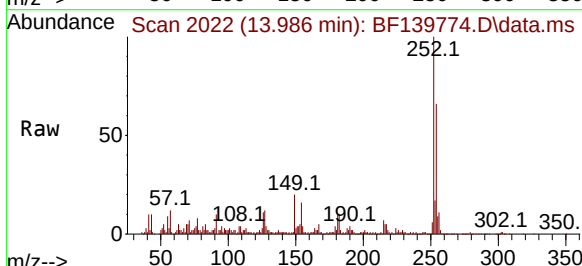
Tgt Ion:252 Resp: 116010

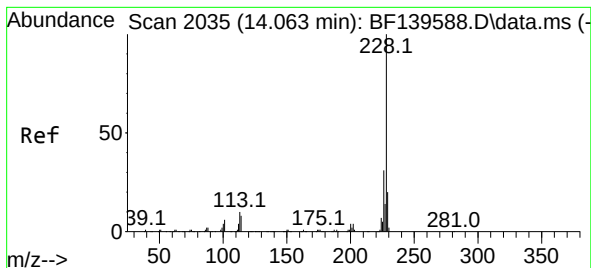
Ion Ratio Lower Upper

252 100

254 66.0 50.5 75.7

126 11.2 8.8 13.2





#83

Chrysene

Concen: 57.775 ng

RT: 14.062 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

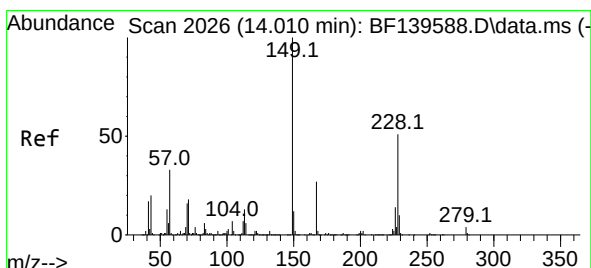
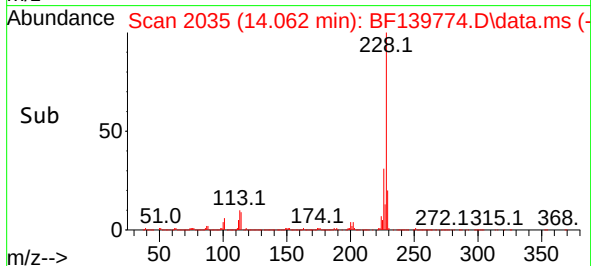
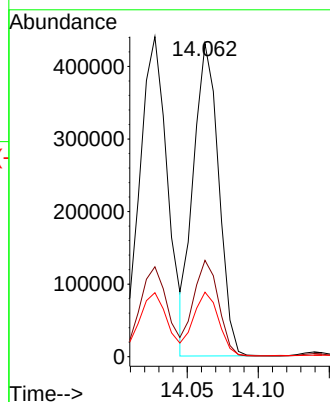
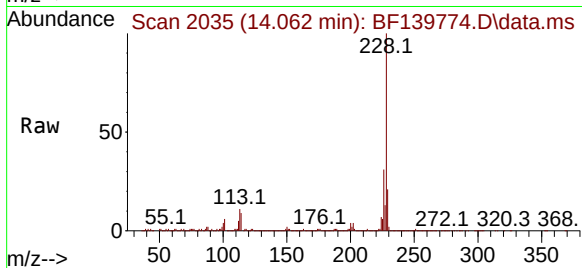
Tgt Ion:228 Resp: 533690

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 108.933 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

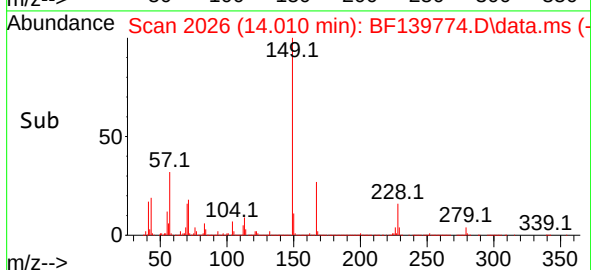
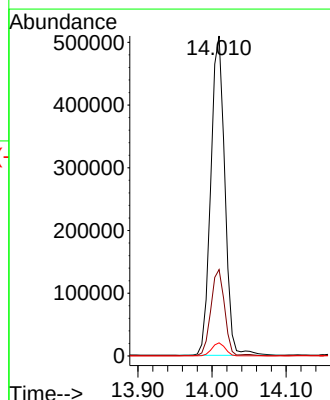
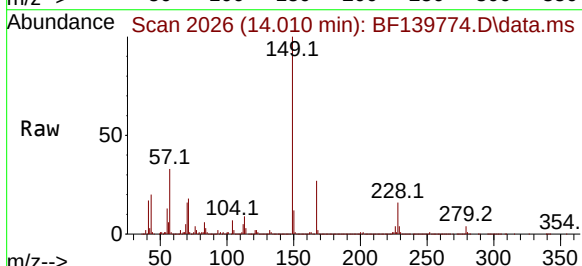
Tgt Ion:149 Resp: 668748

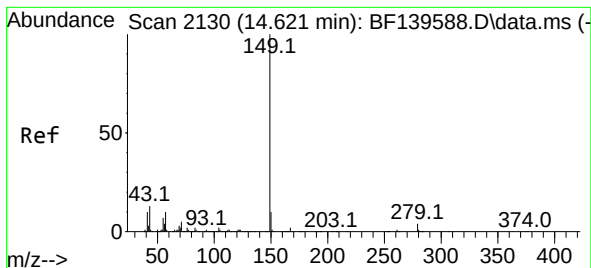
Ion Ratio Lower Upper

149 100

167 27.0 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 72.053 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

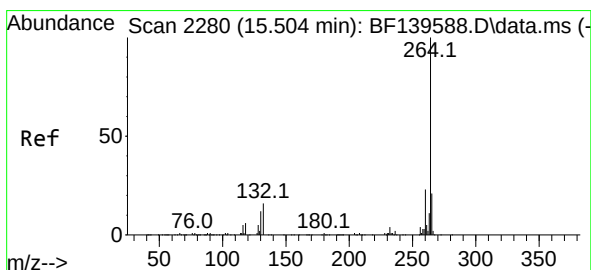
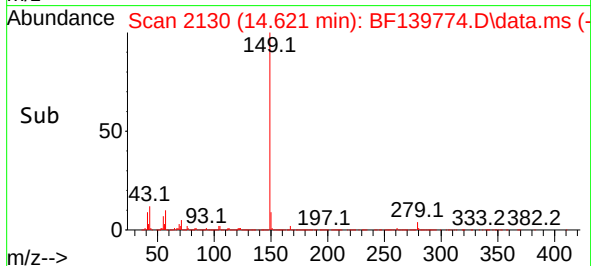
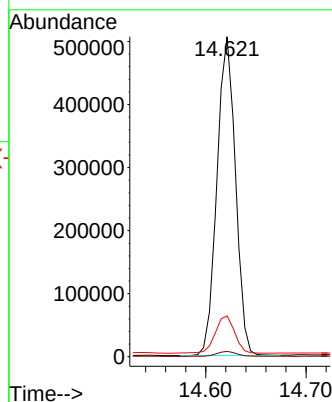
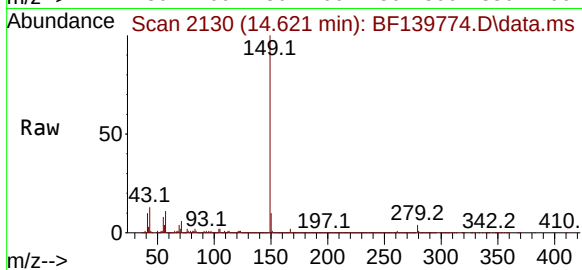
Tgt Ion:149 Resp: 649847

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.3 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

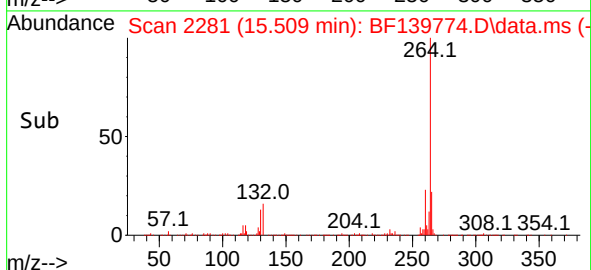
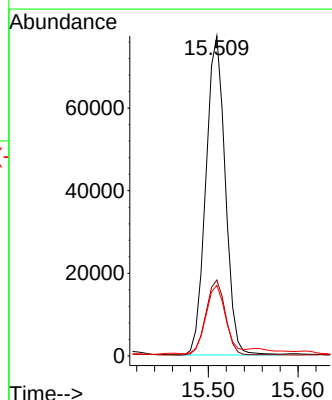
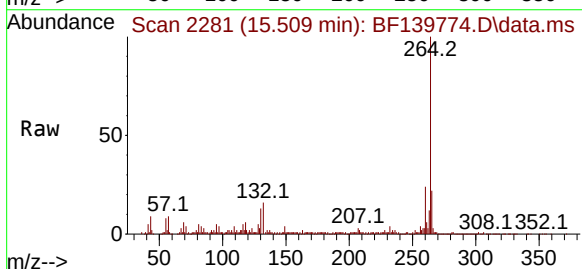
Tgt Ion:264 Resp: 115703

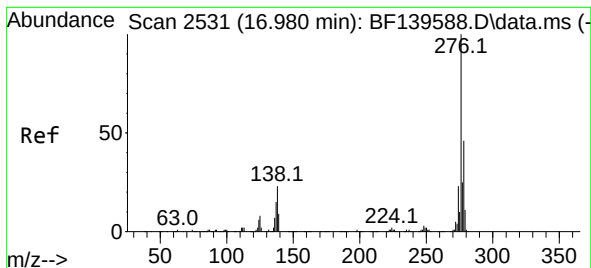
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.038 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

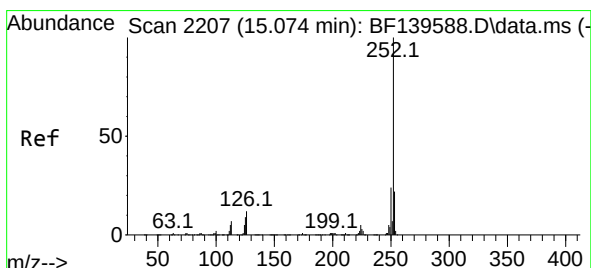
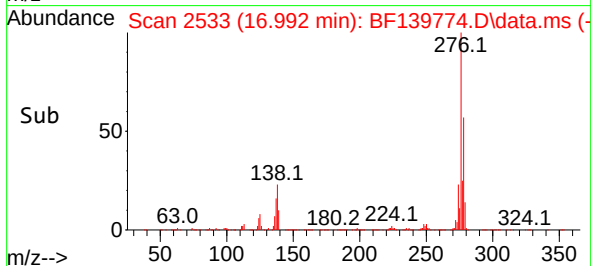
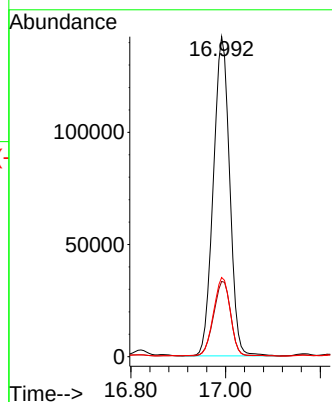
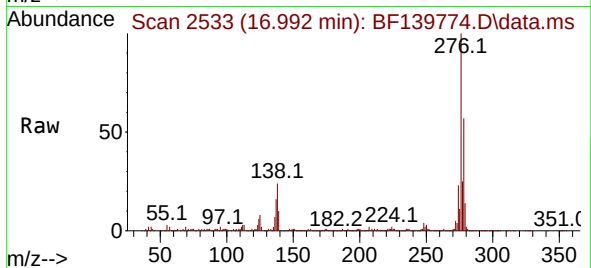
Tgt Ion:276 Resp: 340758

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 59.837 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

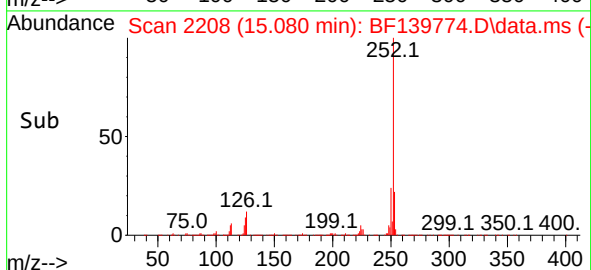
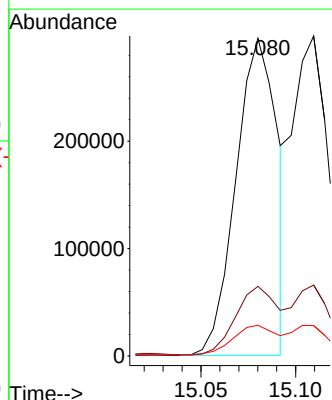
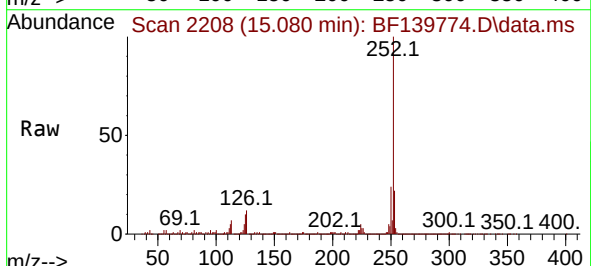
Tgt Ion:252 Resp: 447652

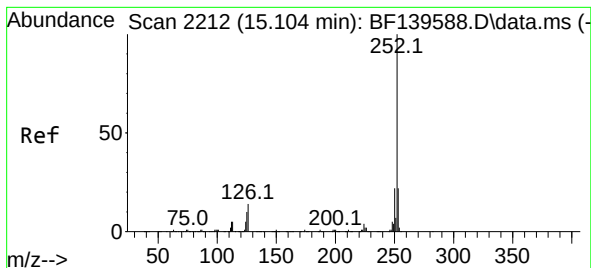
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.757 ng

RT: 15.109 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-2.5MSD

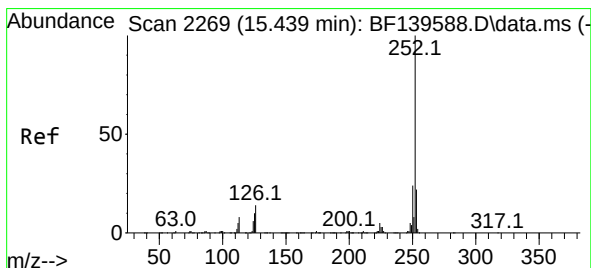
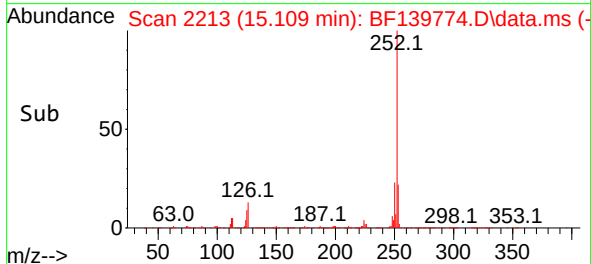
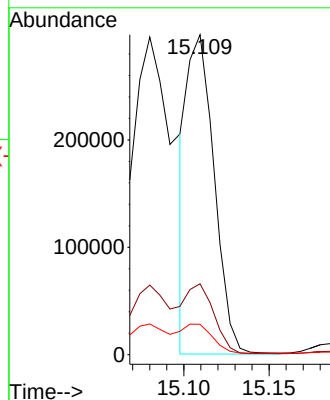
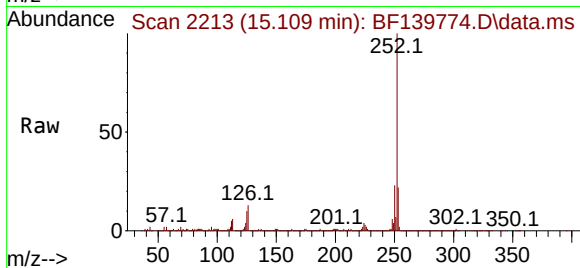
Tgt Ion:252 Resp: 328454

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.5 7.6 11.4



#90

Benzo(a)pyrene

Concen: 63.111 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF139774.D

Acq: 11 Oct 2024 14:49

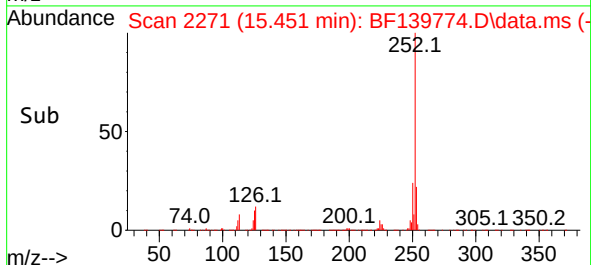
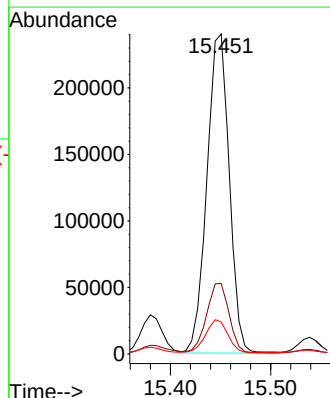
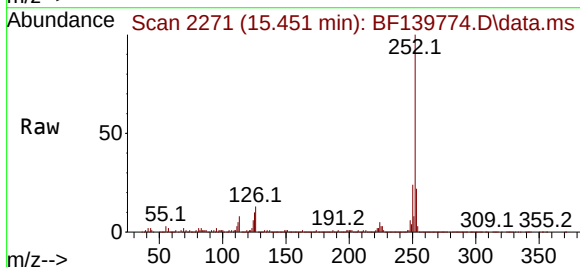
Tgt Ion:252 Resp: 372283

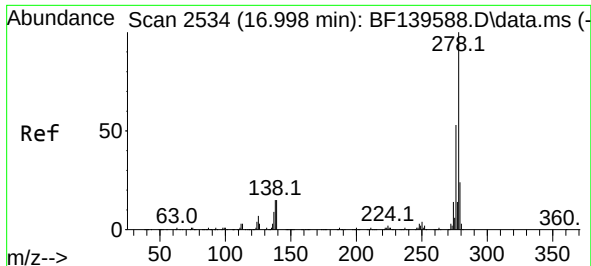
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.0 8.3 12.5

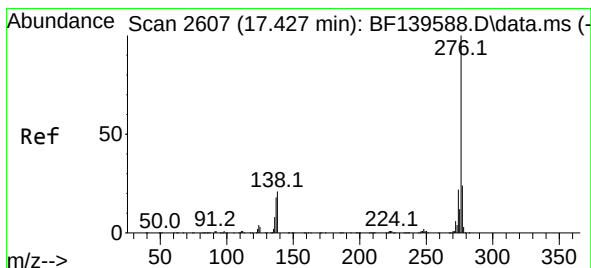
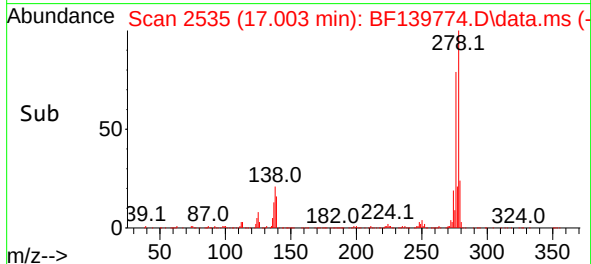
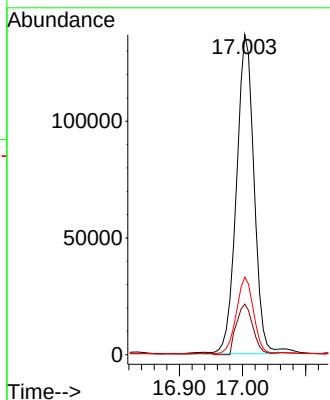
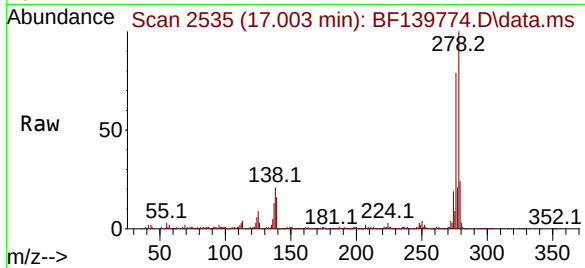




#91
Dibenzo(a,h)anthracene
Concen: 46.752 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MSD

Tgt Ion:278 Resp: 264067
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.4
279 24.2 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 45.868 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.012 min
Lab File: BF139774.D
Acq: 11 Oct 2024 14:49

Tgt Ion:276 Resp: 259827
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 21.4 17.0 25.6

