

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139923.D
 Acq On : 22 Oct 2024 12:32
 Operator : RC/JU
 Sample : PB164176BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164176BS

Quant Time: Oct 22 12:58:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	165542	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	634379	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	355350	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	625992	20.000	ng	0.00
76) Chrysene-d12	14.057	240	293284	20.000	ng	0.00
86) Perylene-d12	15.533	264	338967	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1312329	124.104	ng	0.02
7) Phenol-d6	6.516	99	1647552	120.298	ng	0.00
23) Nitrobenzene-d5	7.451	82	1064792	93.027	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	477931	143.789	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1874648	87.188	ng	0.00
79) Terphenyl-d14	12.998	244	1876342	104.249	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.758	88	173661	35.223	ng 97
3) Pyridine	3.510	79	468017	38.297	ng 97
4) n-Nitrosodimethylamine	3.463	42	269167	40.995	ng 97
6) Aniline	6.551	93	517777	40.565	ng 99
8) 2-Chlorophenol	6.675	128	497364	46.008	ng 98
9) Benzaldehyde	6.440	77	121138	15.723	ng 98
10) Phenol	6.528	94	631560	44.729	ng 98
11) bis(2-Chloroethyl)ether	6.628	93	479034	43.894	ng 99
12) 1,3-Dichlorobenzene	6.834	146	528251	42.569	ng 99
13) 1,4-Dichlorobenzene	6.910	146	535330	43.180	ng 99
14) 1,2-Dichlorobenzene	7.063	146	514169	44.437	ng 98
15) Benzyl Alcohol	7.028	79	458671	45.656	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	813648	43.724	ng 98
17) 2-Methylphenol	7.134	107	411904	44.685	ng 99
18) Hexachloroethane	7.404	117	197068	44.575	ng 97
19) n-Nitroso-di-n-propyla...	7.304	70	362519	43.643	ng 98
20) 3+4-Methylphenols	7.293	107	514182	43.610	ng # 82
22) Acetophenone	7.298	105	679963	43.761	ng 100
24) Nitrobenzene	7.475	77	541716	43.167	ng 98
25) Isophorone	7.710	82	984727	45.328	ng 99
26) 2-Nitrophenol	7.787	139	253014	53.443	ng 96
27) 2,4-Dimethylphenol	7.822	122	417862	52.933	ng 99
28) bis(2-Chloroethoxy)met...	7.922	93	587331	44.623	ng 99
29) 2,4-Dichlorophenol	8.028	162	412919	45.922	ng 98
30) 1,2,4-Trichlorobenzene	8.110	180	433390	43.559	ng 99
31) Naphthalene	8.192	128	1434823	43.855	ng 100
32) Benzoic acid	7.934	122	315503	45.823	ng 99
33) 4-Chloroaniline	8.240	127	207083	18.562	ng 97
34) Hexachlorobutadiene	8.310	225	277615	44.409	ng 99
35) Caprolactam	8.610	113	80172	28.041	ng 93
36) 4-Chloro-3-methylphenol	8.716	107	447497	44.946	ng 98
37) 2-Methylnaphthalene	8.887	142	908891	45.360	ng 99
38) 1-Methylnaphthalene	8.987	142	848656	43.169	ng 99
40) 1,2,4,5-Tetrachloroben...	9.051	216	419540	43.762	ng 98
41) Hexachlorocyclopentadiene	9.039	237	577915	173.249	ng 98
43) 2,4,6-Trichlorophenol	9.163	196	318733	46.960	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	317804	45.383	ng	99
46) 1,1'-Biphenyl	9.351	154	1084962	43.859	ng	100
47) 2-Chloronaphthalene	9.375	162	860990	43.214	ng	99
48) 2-Nitroaniline	9.469	65	299651	49.175	ng	94
49) Acenaphthylene	9.792	152	1352129	46.942	ng	99
50) Dimethylphthalate	9.651	163	1006470	45.472	ng	99
51) 2,6-Dinitrotoluene	9.710	165	226474	47.256	ng	98
52) Acenaphthene	9.963	154	934861	50.172	ng	99
53) 3-Nitroaniline	9.875	138	139047	28.135	ng	99
54) 2,4-Dinitrophenol	9.986	184	238051	116.326	ng	# 1
55) Dibenzofuran	10.139	168	1192877	44.620	ng	99
56) 4-Nitrophenol	10.034	139	385149	101.294	ng	98
57) 2,4-Dinitrotoluene	10.116	165	304318	51.637	ng	96
58) Fluorene	10.481	166	902199	44.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	267802	48.783	ng	97
60) Diethylphthalate	10.351	149	970470	44.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	456673	44.410	ng	100
62) 4-Nitroaniline	10.492	138	221610	47.477	ng	98
63) Azobenzene	10.633	77	1012001	43.924	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	159277	62.378	ng	92
66) n-Nitrosodiphenylamine	10.586	169	848537	45.290	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	298023	46.213	ng	95
68) Hexachlorobenzene	11.028	284	327034	45.090	ng	97
69) Atrazine	11.116	200	270618	53.321	ng	99
70) Pentachlorophenol	11.216	266	409892	93.119	ng	99
71) Phenanthrene	11.439	178	1351322	45.700	ng	100
72) Anthracene	11.492	178	1354140	46.937	ng	99
73) Carbazole	11.645	167	1172325	43.692	ng	99
74) Di-n-butylphthalate	11.975	149	1376818	44.415	ng	100
75) Fluoranthene	12.627	202	1302514	43.574	ng	99
77) Benzidine	12.745	184	267665	55.502	ng	99
78) Pyrene	12.857	202	1310725	51.056	ng	100
80) Butylbenzylphthalate	13.474	149	389633	50.624	ng	100
81) Benzo(a)anthracene	14.045	228	897179	46.993	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	174806	31.403	ng	99
83) Chrysene	14.080	228	825042	47.132	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	454657	52.652	ng	99
85) Di-n-octyl phthalate	14.645	149	847391	53.952	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1161987	53.286	ng	98
88) Benzo(b)fluoranthene	15.098	252	945107	45.771	ng	99
89) Benzo(k)fluoranthene	15.127	252	754131	42.349	ng	100
90) Benzo(a)pyrene	15.468	252	855994	50.382	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	949245	52.180	ng	99
92) Benzo(g,h,i)perylene	17.486	276	893724	49.184	ng	99

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

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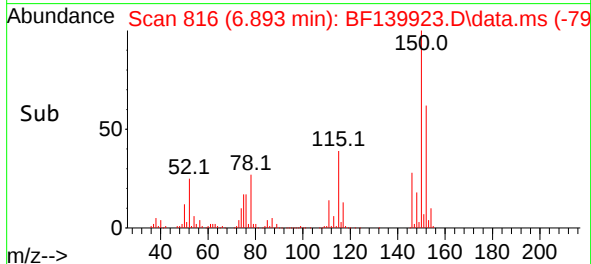
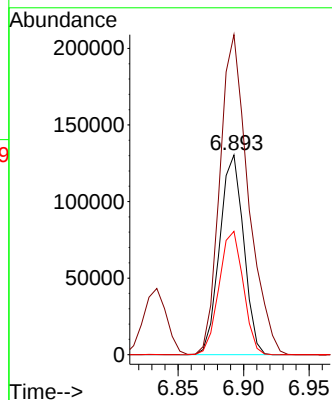
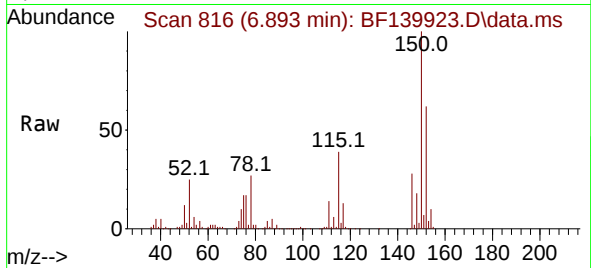




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

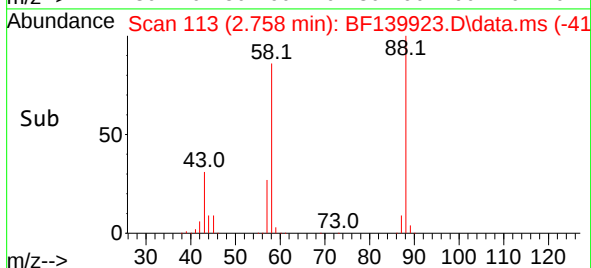
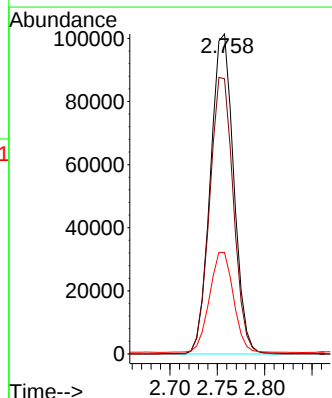
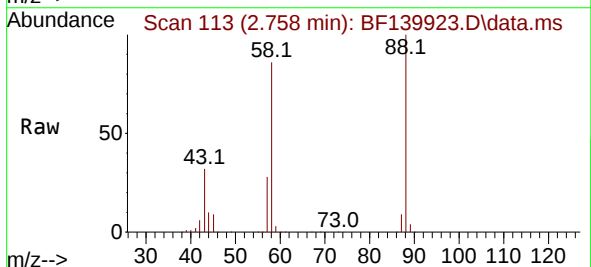
Instrument :
BNA_F
ClientSampleId :
PB164176BS

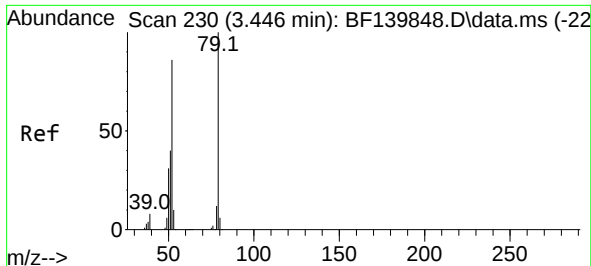
Tgt Ion:152 Resp: 165542
Ion Ratio Lower Upper
152 100
150 160.3 130.2 195.2
115 61.8 51.4 77.2



#2
1,4-Dioxane
Concen: 35.223 ng
RT: 2.758 min Scan# 113
Delta R.T. 0.071 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 88 Resp: 173661
Ion Ratio Lower Upper
88 100
58 88.3 73.3 109.9
43 32.3 27.1 40.7





#3

Pyridine

Concen: 38.297 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.065 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

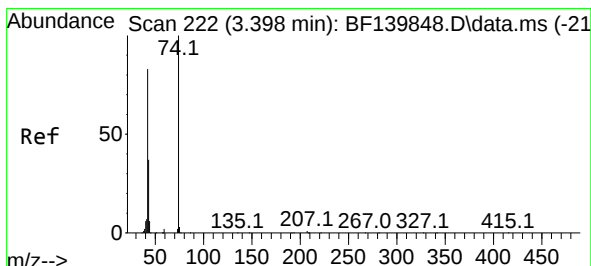
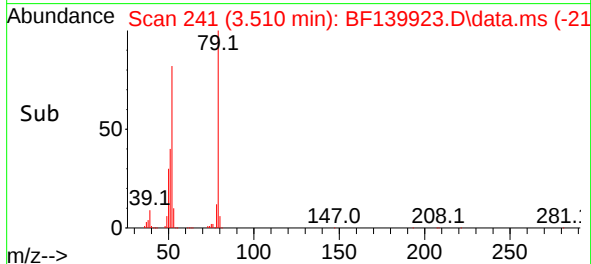
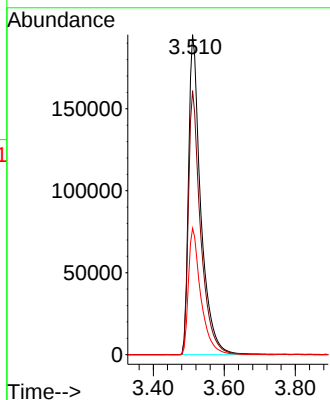
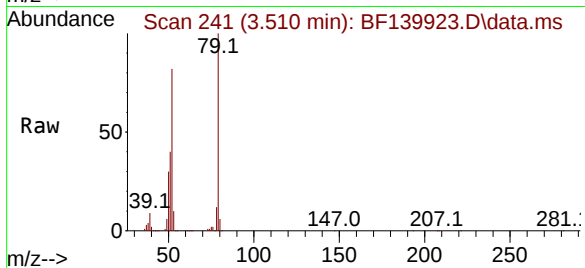
Tgt Ion: 79 Resp: 468017

Ion Ratio Lower Upper

79 100

52 82.5 68.5 102.7

51 39.5 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 40.995 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.065 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

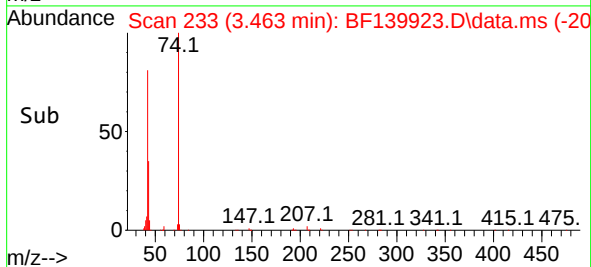
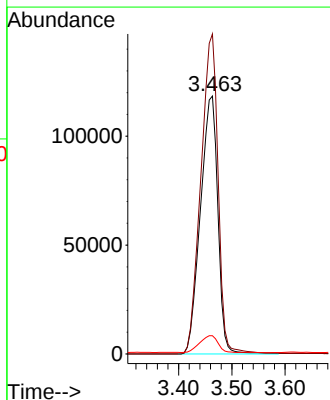
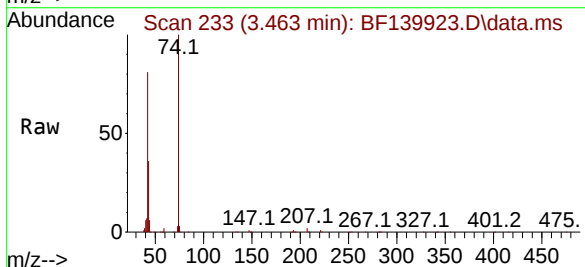
Tgt Ion: 42 Resp: 269167

Ion Ratio Lower Upper

42 100

74 124.0 96.2 144.4

44 7.1 6.2 9.2

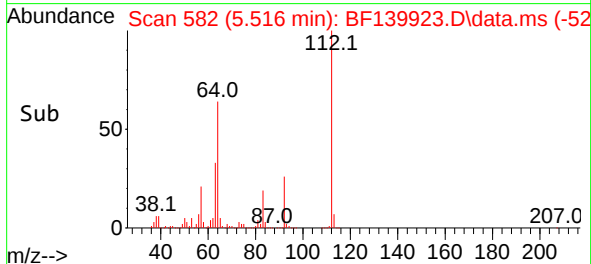
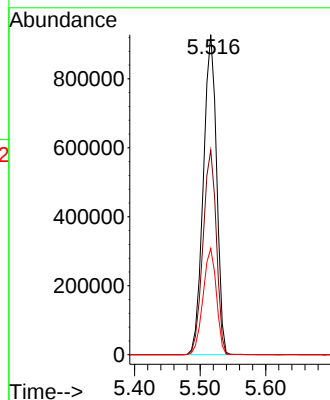
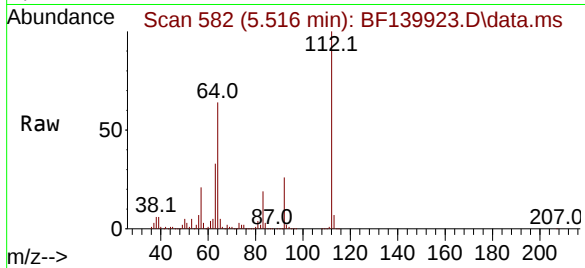




#5
2-Fluorophenol
Concen: 124.104 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

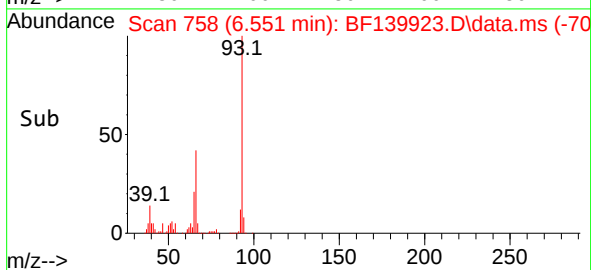
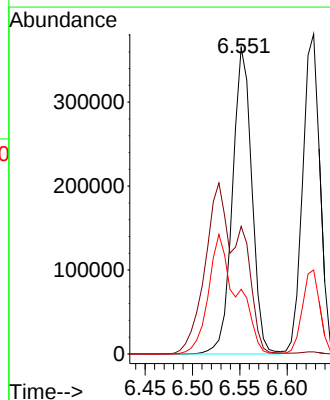
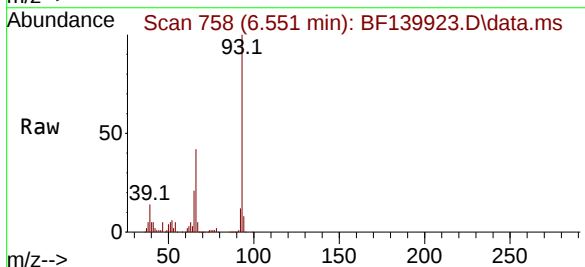
Instrument :
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Tgt Ion:112 Resp: 1312329
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 33.2 27.0 40.4



#6
Aniline
Concen: 40.565 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 93 Resp: 517777
Ion Ratio Lower Upper
93 100
66 41.6 34.0 51.0
65 21.1 17.4 26.0

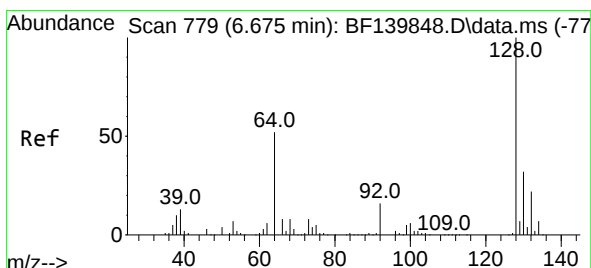
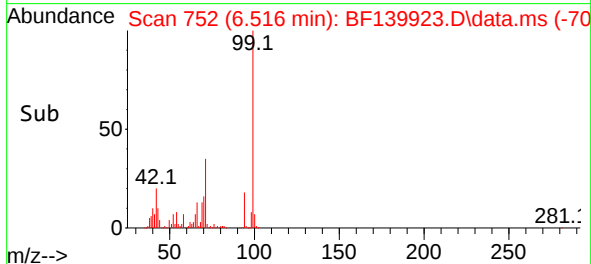
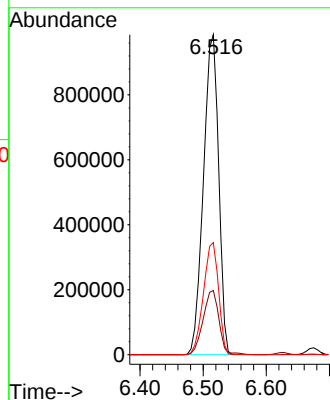
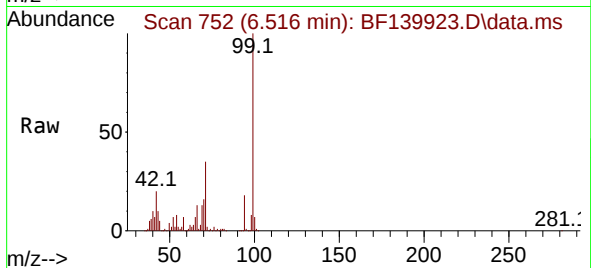




#7
Phenol-d6
Concen: 120.298 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

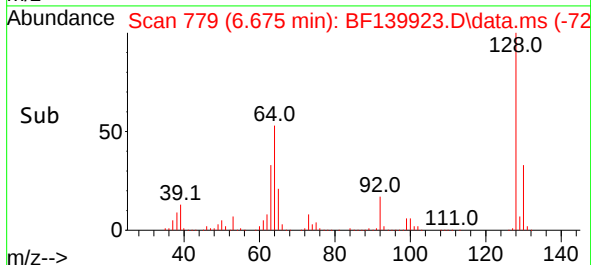
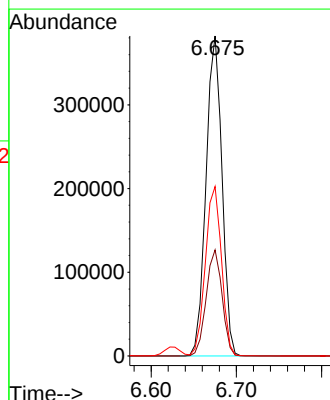
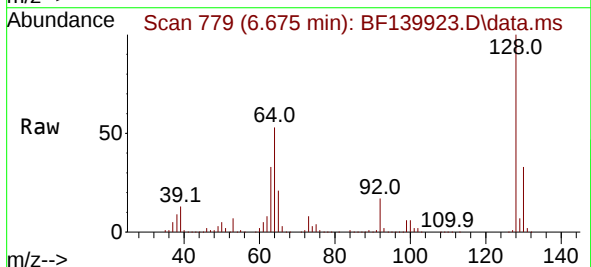
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ClientSampleId :
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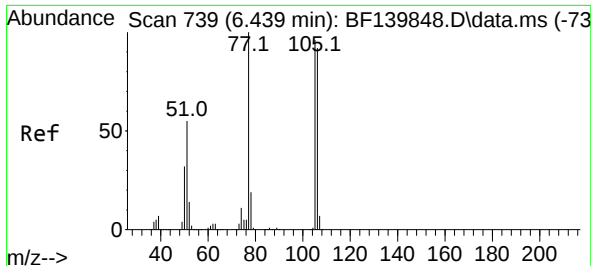
Tgt Ion: 99 Resp: 1647552
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 35.1 27.7 41.5



#8
2-Chlorophenol
Concen: 46.008 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:128 Resp: 497364
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 52.9 34.6 74.6

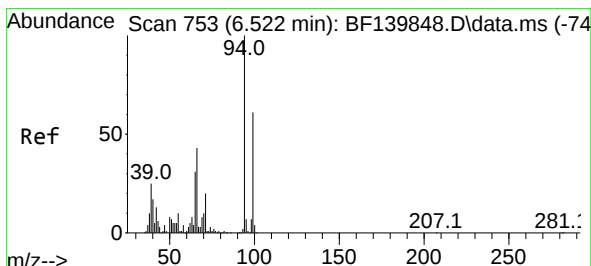
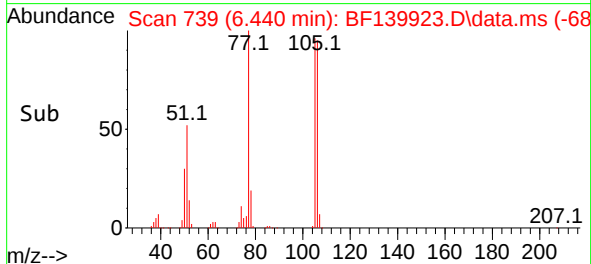
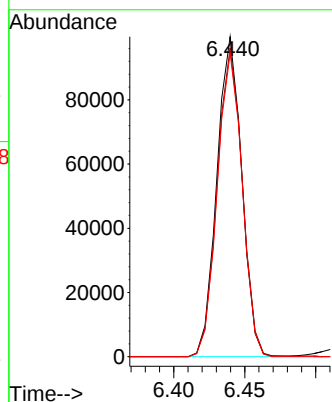
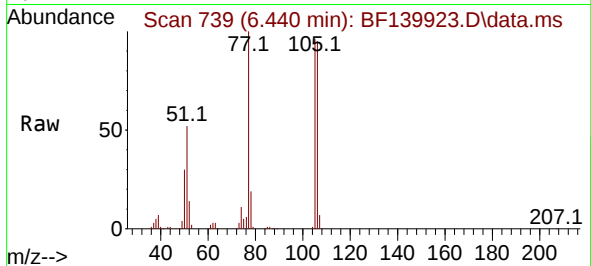




#9
Benzaldehyde
Concen: 15.723 ng
RT: 6.440 min Scan# 711
Delta R.T. 0.001 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

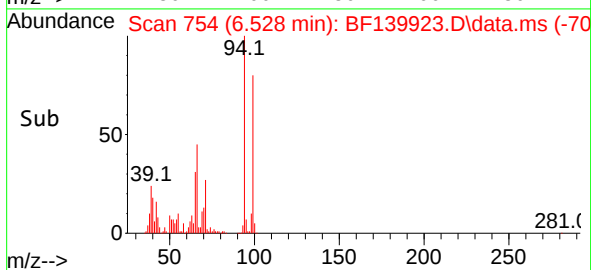
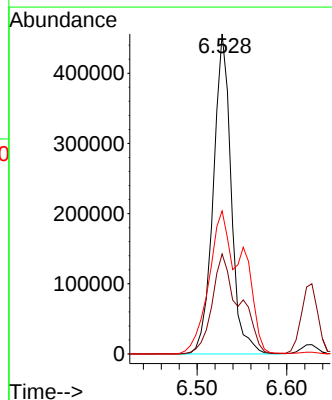
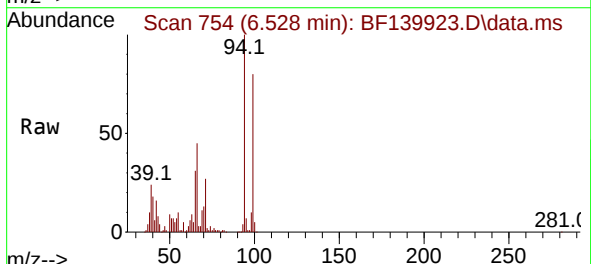
Instrument :
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Tgt Ion: 77 Resp: 121138
Ion Ratio Lower Upper
77 100
105 96.5 75.5 115.5
106 94.9 71.7 111.7



#10
Phenol
Concen: 44.729 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 94 Resp: 631560
Ion Ratio Lower Upper
94 100
65 31.2 11.1 51.1
66 44.7 22.7 62.7

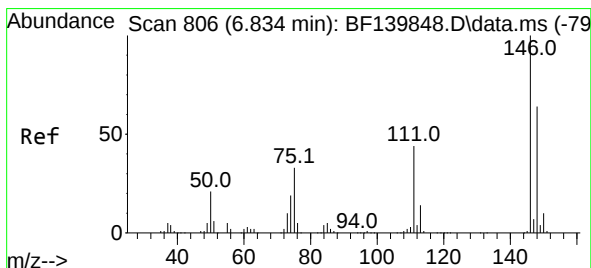
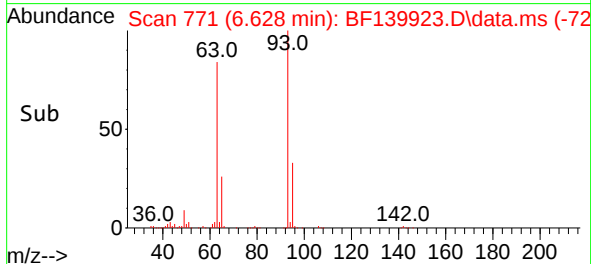
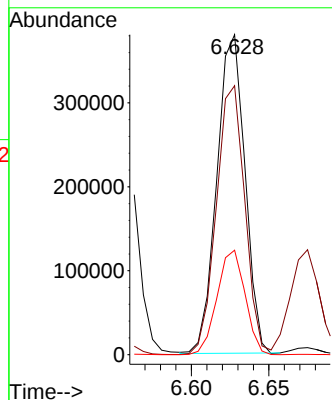
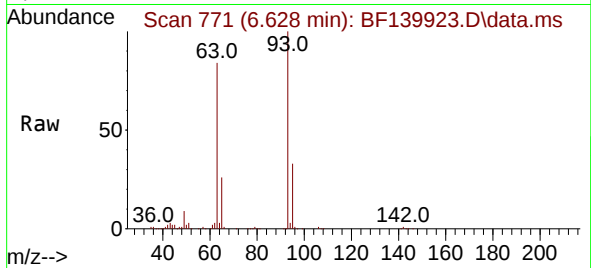




#11
bis(2-Chloroethyl)ether
Concen: 43.894 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

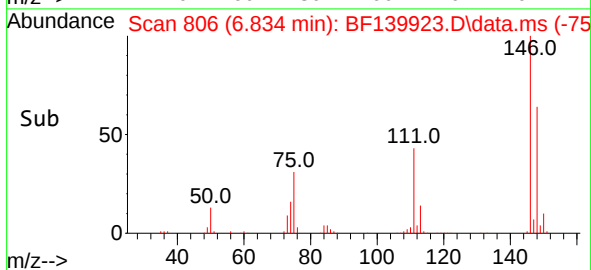
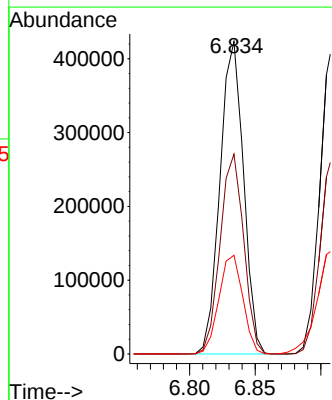
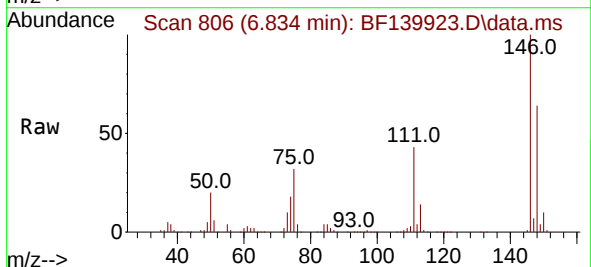
Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion: 93 Resp: 479034
Ion Ratio Lower Upper
93 100
63 84.1 65.0 105.0
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.569 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 146 Resp: 528251
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.6 26.4 39.6

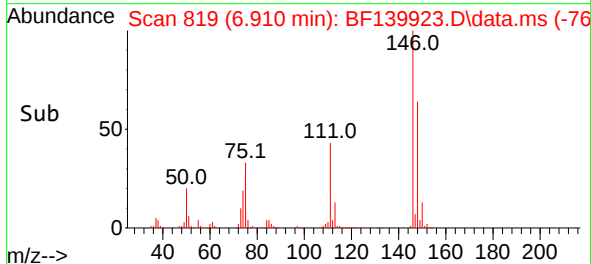
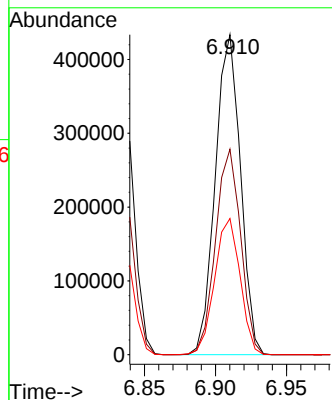
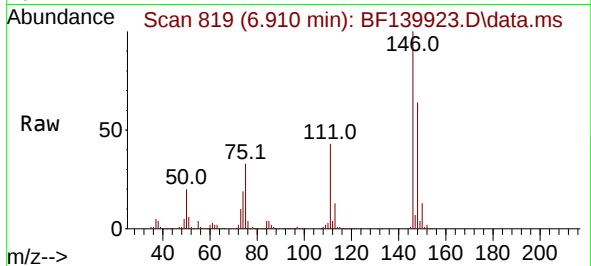




#13
1,4-Dichlorobenzene
Concen: 43.180 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

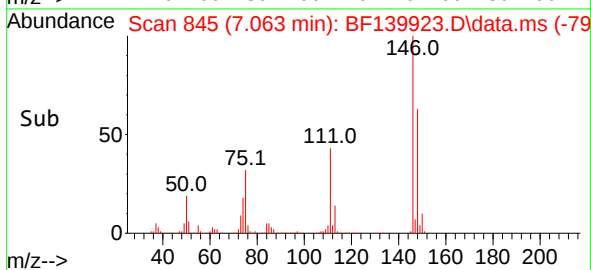
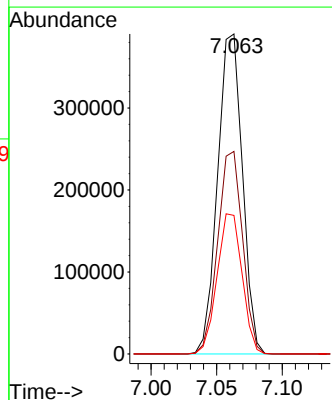
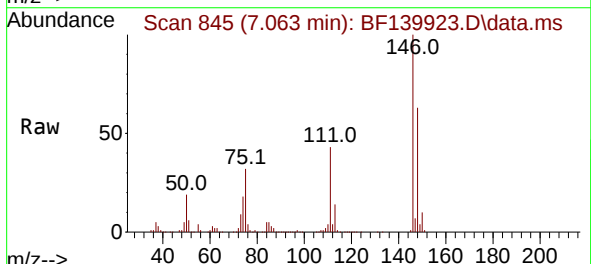
Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion:146 Resp: 535330
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.6 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 44.437 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:146 Resp: 514169
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 43.3 36.7 55.1

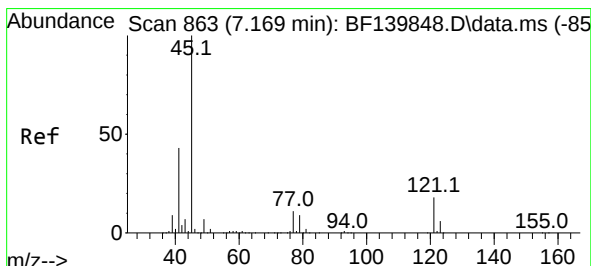
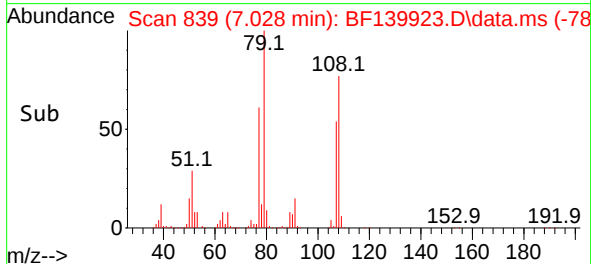
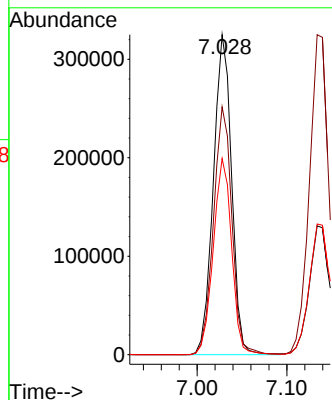
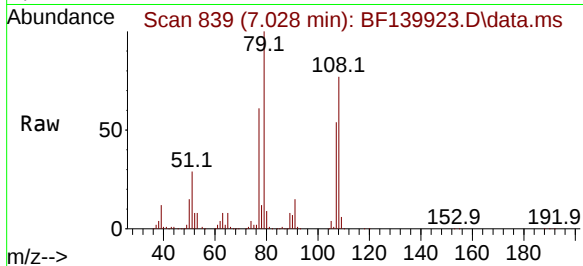




#15
Benzyl Alcohol
Concen: 45.656 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

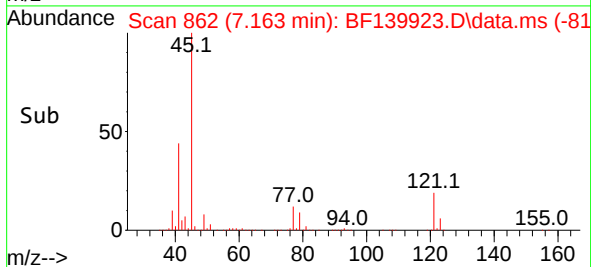
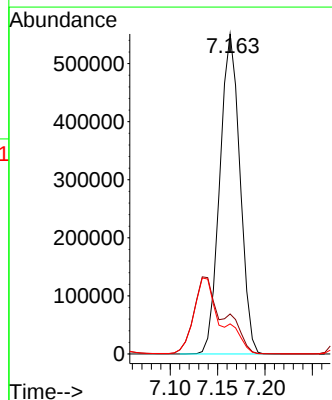
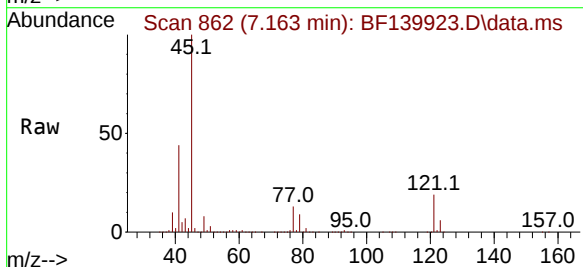
Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion: 79 Resp: 458671
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 61.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.724 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

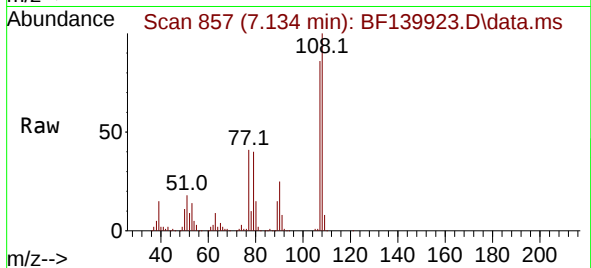
Tgt Ion: 45 Resp: 813648
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.4 0.0 29.1



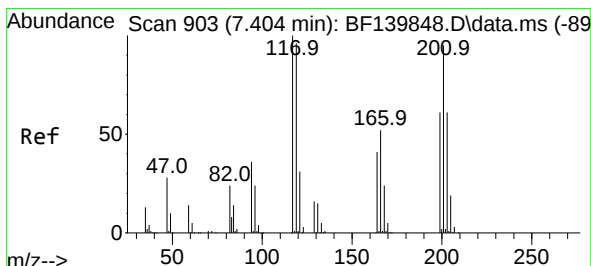
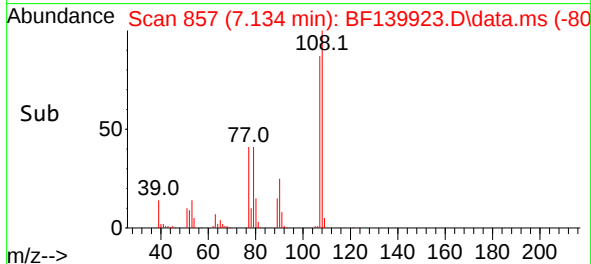
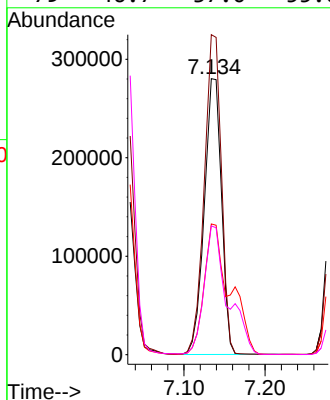


#17
2-Methylphenol
Concen: 44.685 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB164176BS

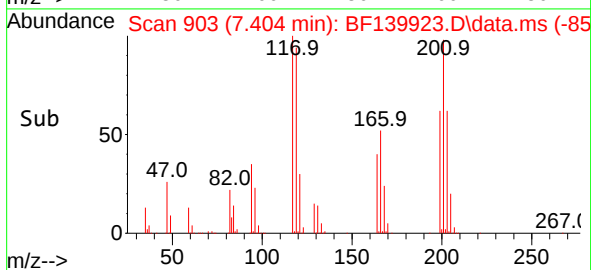
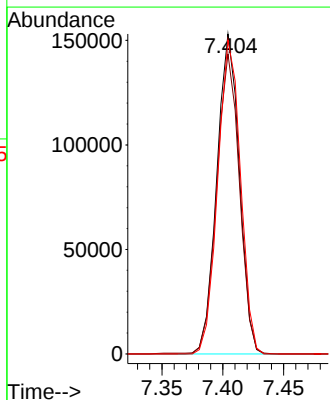
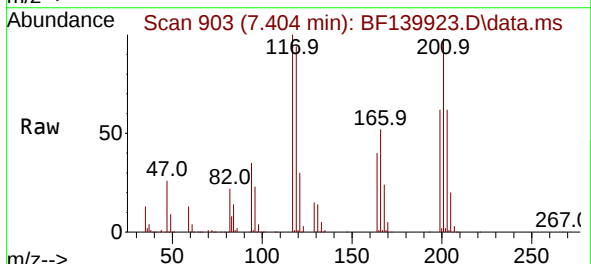


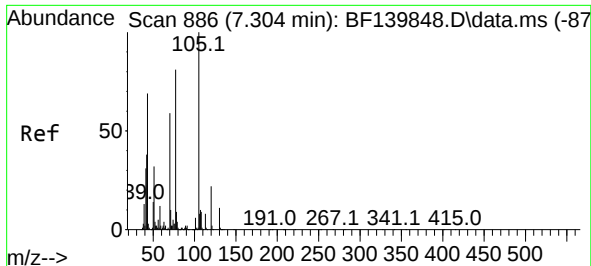
Tgt Ion:	107	Resp:	411904
Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.3	136.9
77	47.4	37.1	55.7
79	46.7	37.0	55.6



#18
Hexachloroethane
Concen: 44.575 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:	117	Resp:	197068
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.0	115.4
201	98.1	76.2	114.4



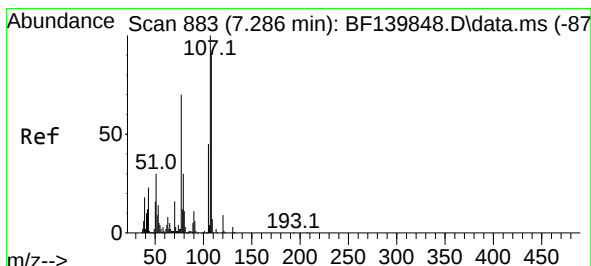
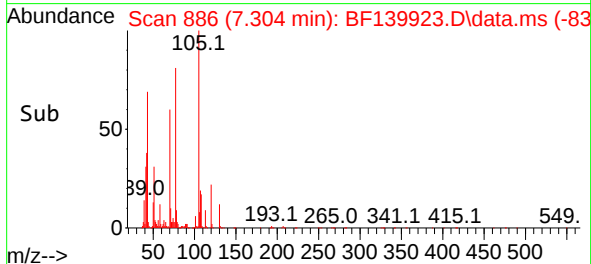
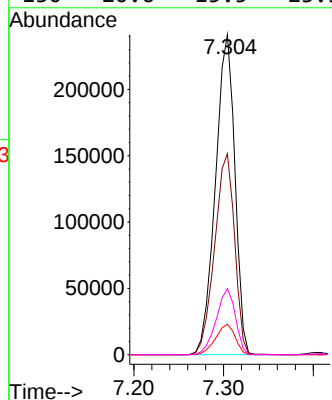
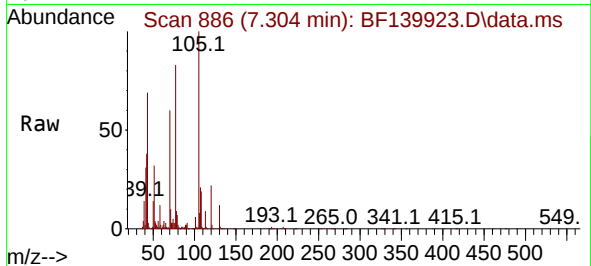


#19
n-Nitroso-di-n-propylamine
Concen: 43.643 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion: 70 Resp: 362519

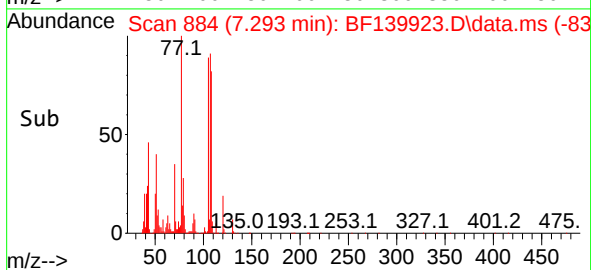
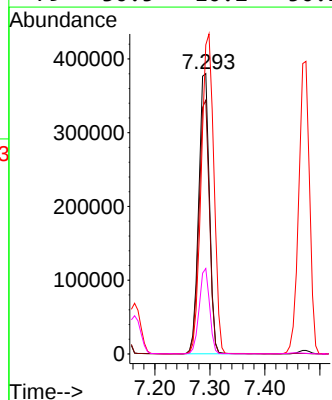
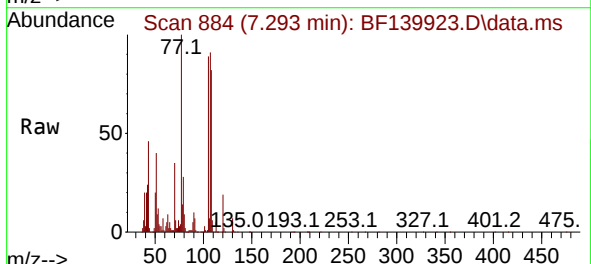
Ion	Ratio	Lower	Upper
70	100		
42	62.8	51.5	77.3
101	9.5	7.5	11.3
130	20.6	15.5	23.3



#20
3+4-Methylphenols
Concen: 43.610 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 107 Resp: 514182

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.8	109.8
77	110.3	50.5	90.5#
79	30.5	10.2	50.2



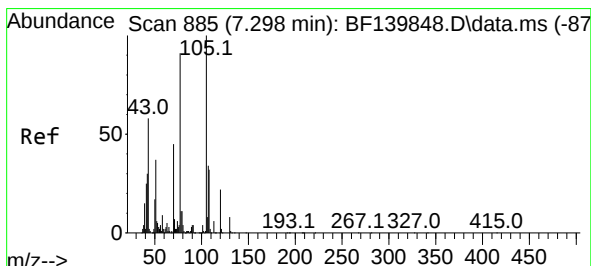
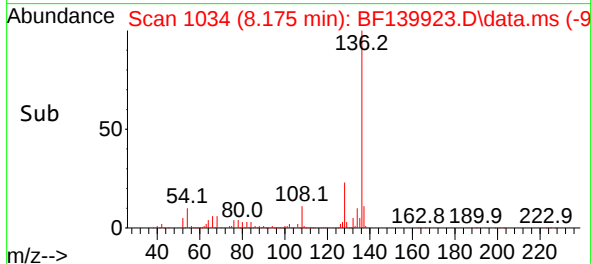
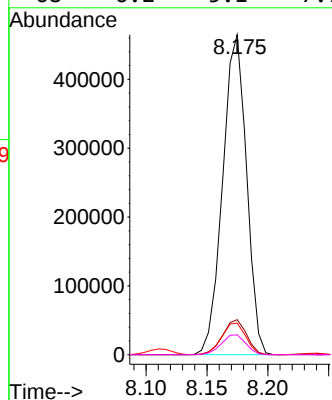
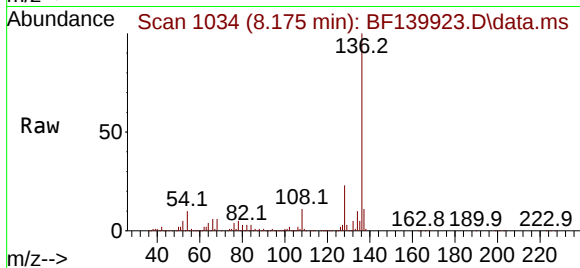


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion:136 Resp: 634379

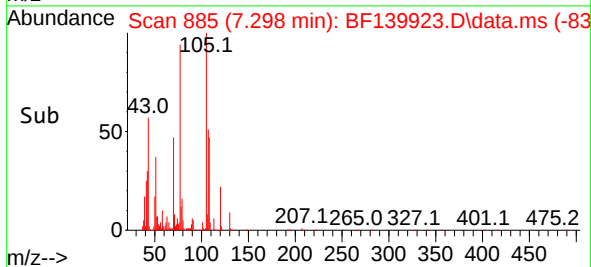
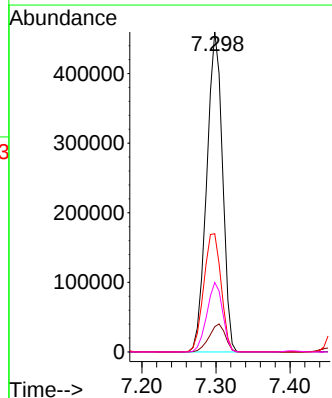
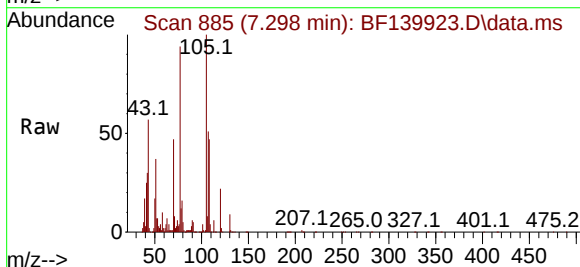
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.9	8.4	12.6
68	6.2	5.1	7.7

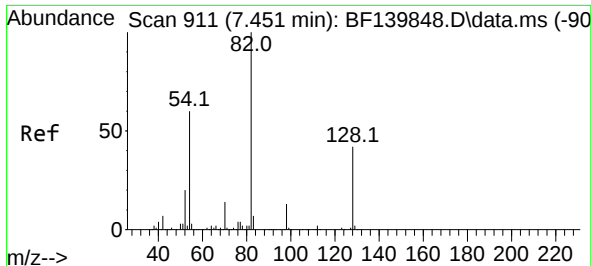


#22
Acetophenone
Concen: 43.761 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:105 Resp: 679963

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.9	8.9
51	37.0	29.4	44.2
120	21.7	17.5	26.3

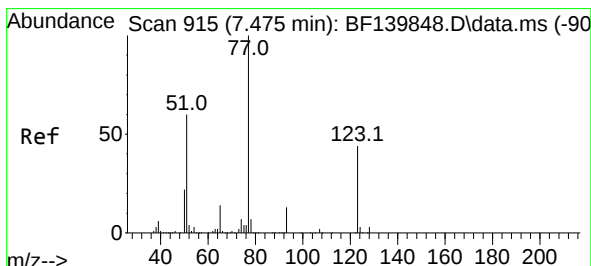
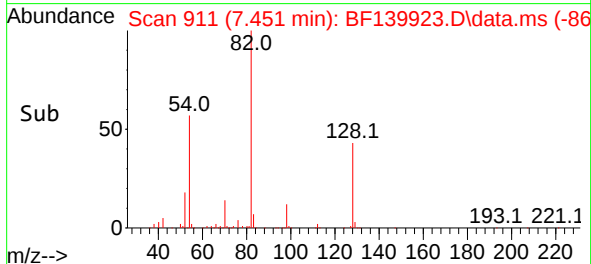
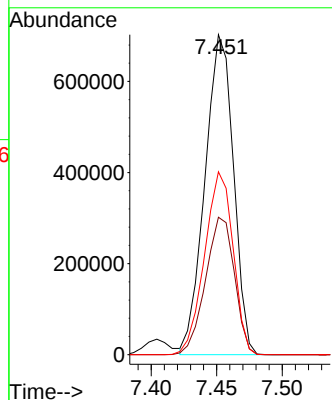
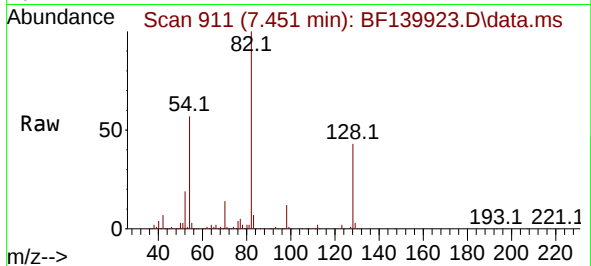




#23
Nitrobenzene-d5
Concen: 93.027 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

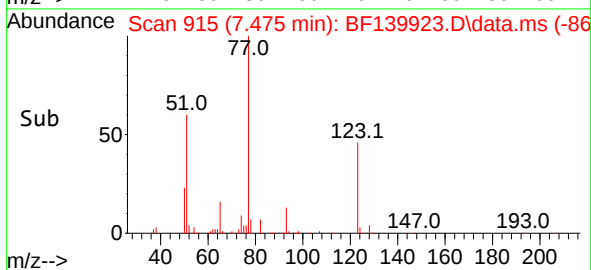
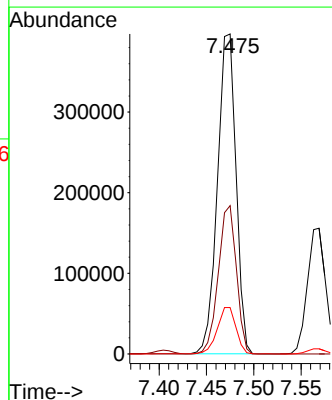
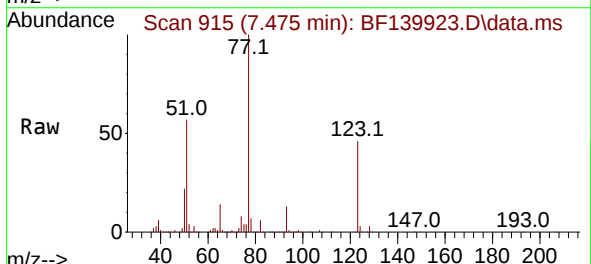
Instrument :
BNA_F
ClientSampleId :
PB164176BS

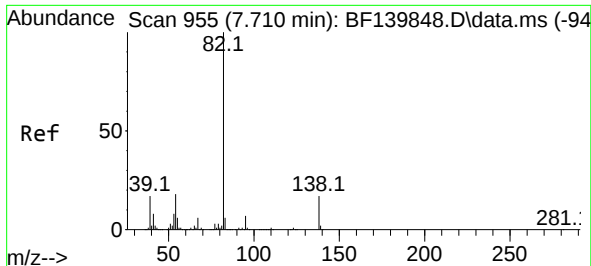
Tgt Ion: 82 Resp: 1064792
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.0
54 57.1 47.8 71.8



#24
Nitrobenzene
Concen: 43.167 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 77 Resp: 541716
Ion Ratio Lower Upper
77 100
123 46.4 35.7 53.5
65 14.5 11.5 17.3

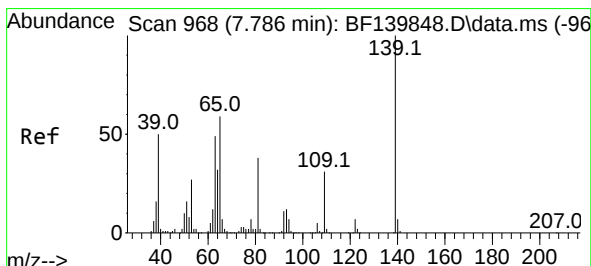
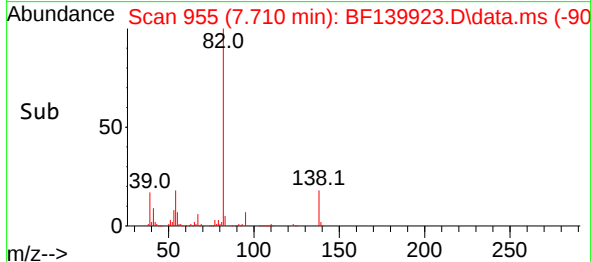
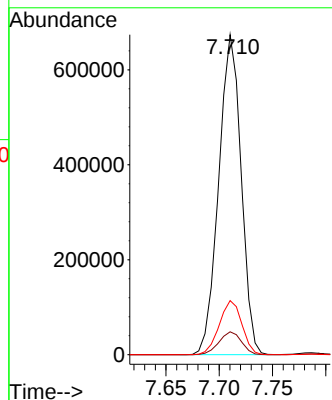
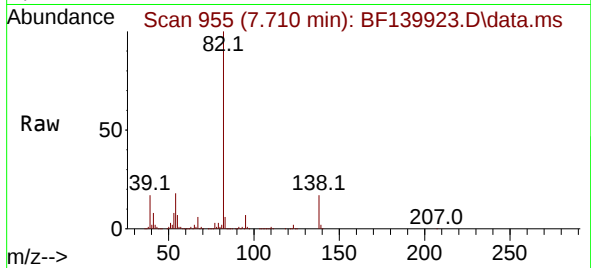




#25
Isophorone
Concen: 45.328 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

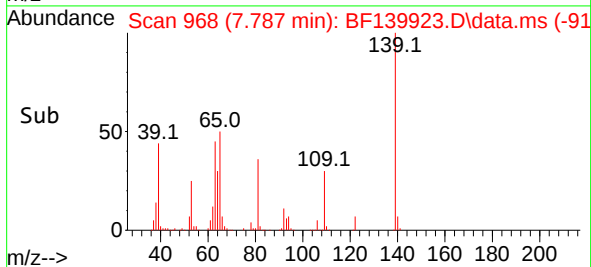
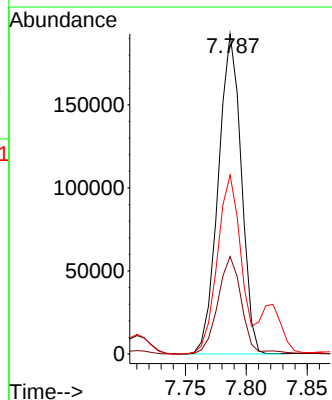
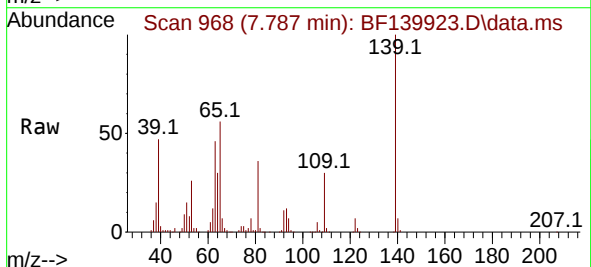
Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion: 82 Resp: 984727
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.9 13.2 19.8



#26
2-Nitrophenol
Concen: 53.443 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:139 Resp: 253014
Ion Ratio Lower Upper
139 100
109 30.5 25.1 37.7
65 55.9 47.5 71.3

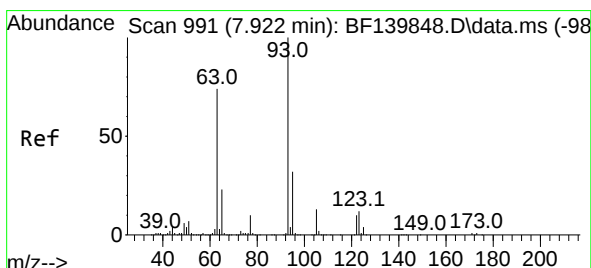
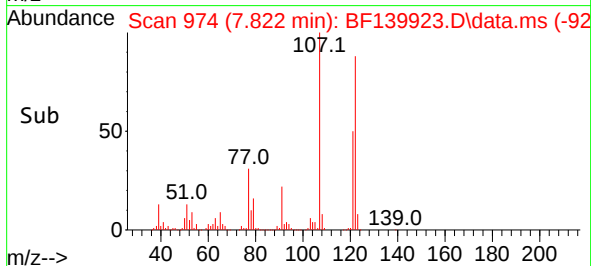
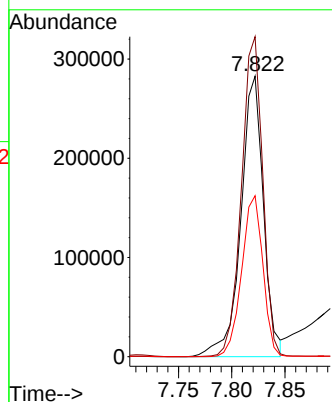
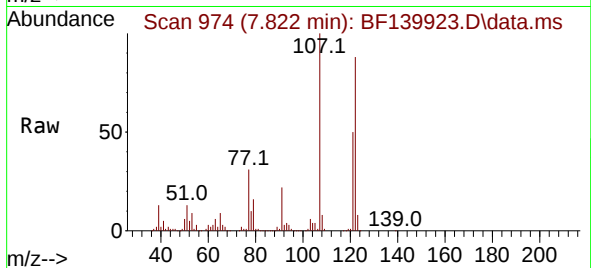




#27
2,4-Dimethylphenol
Concen: 52.933 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

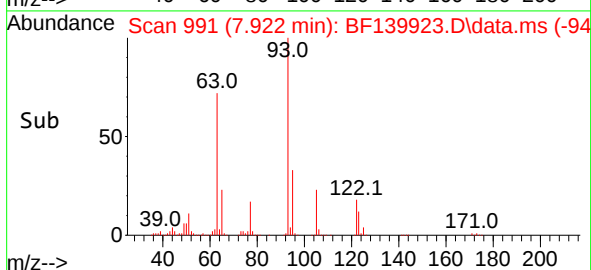
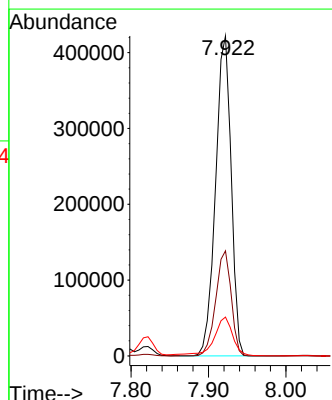
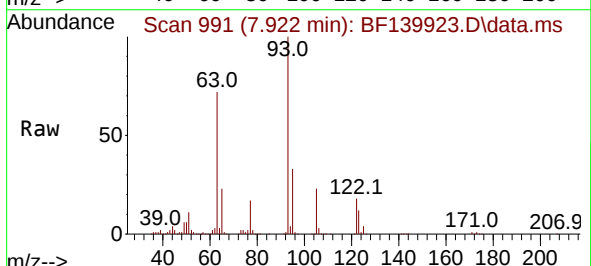
Instrument :
BNA_F
ClientSampleId :
PB164176BS

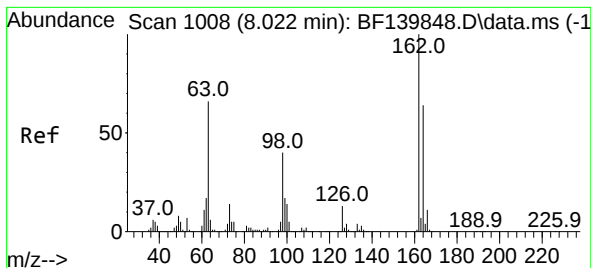
Tgt Ion:122 Resp: 417862
Ion Ratio Lower Upper
122 100
107 114.1 91.9 137.9
121 57.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.623 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion: 93 Resp: 587331
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 45.922 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

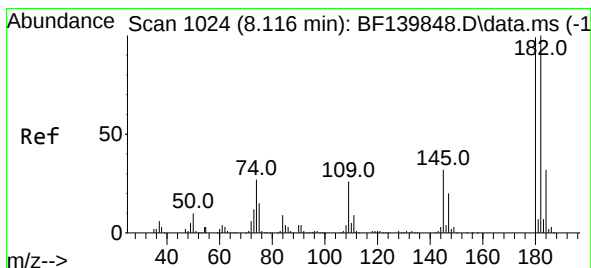
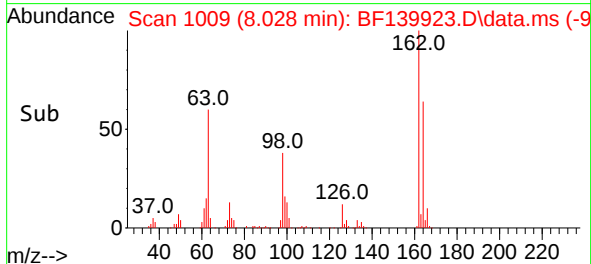
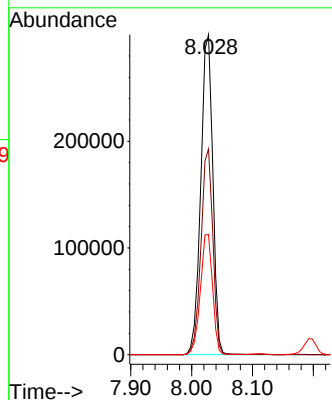
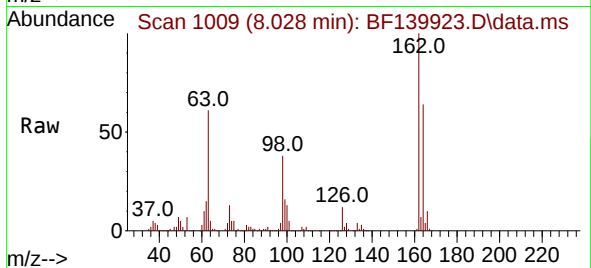
Tgt Ion:162 Resp: 412919

Ion Ratio Lower Upper

162 100

164 64.3 43.9 83.9

98 37.6 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 43.559 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

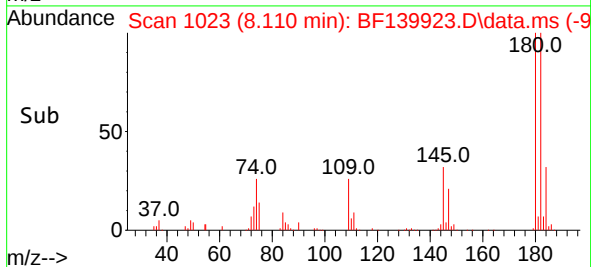
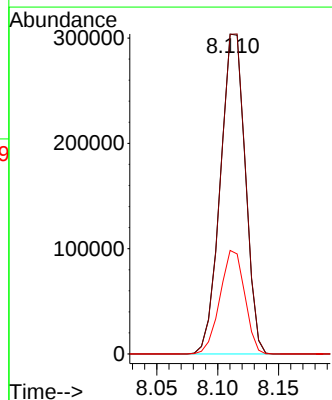
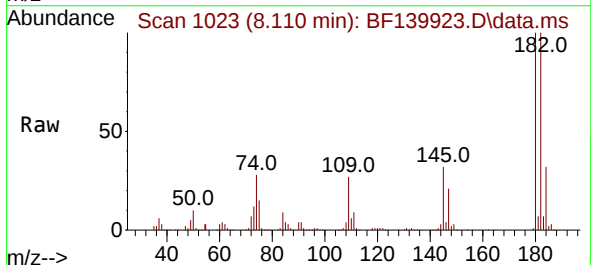
Tgt Ion:180 Resp: 433390

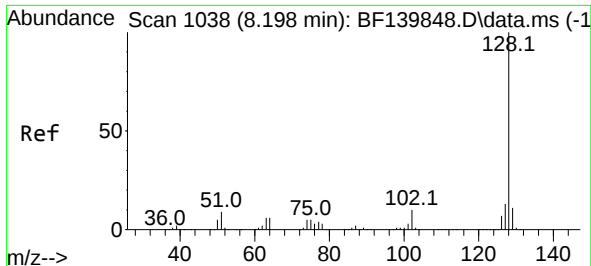
Ion Ratio Lower Upper

180 100

182 100.0 80.5 120.7

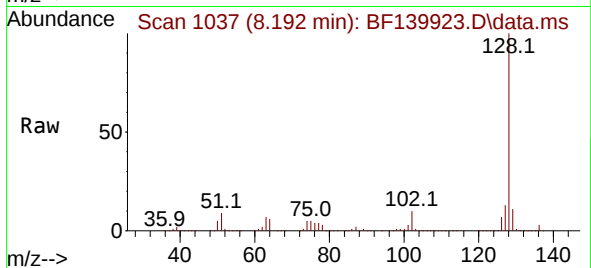
145 32.4 25.4 38.0



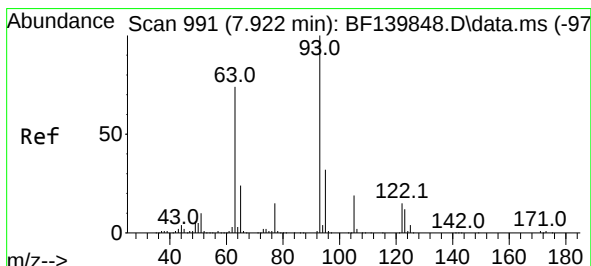
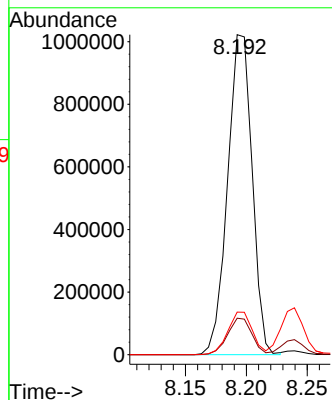
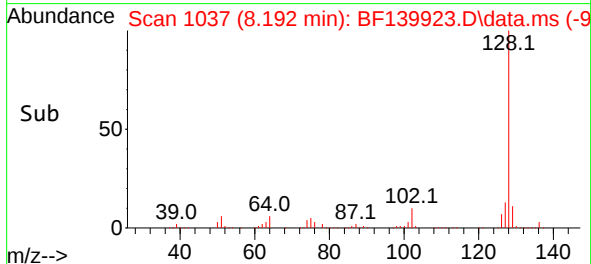


#31
Naphthalene
Concen: 43.855 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB164176BS

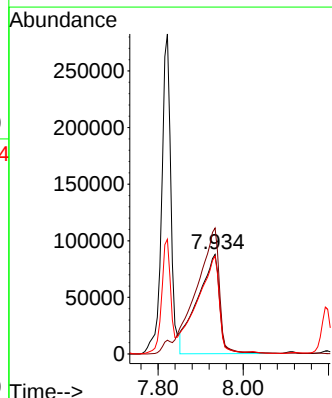
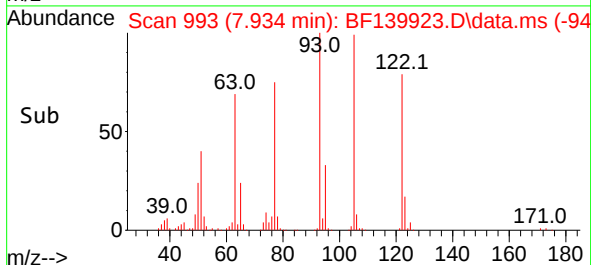
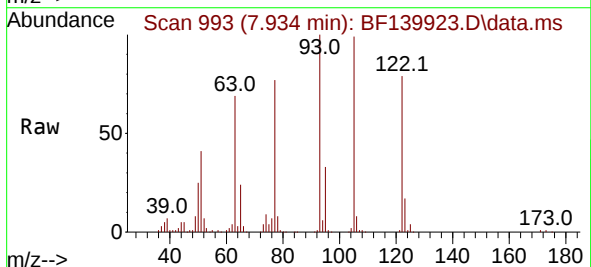


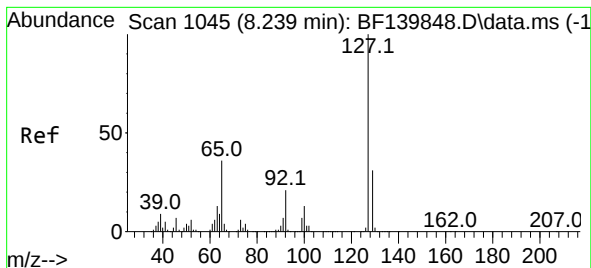
Tgt Ion:128 Resp: 1434823
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 45.823 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:122 Resp: 315503
Ion Ratio Lower Upper
122 100
105 126.5 107.6 147.6
77 98.1 80.2 120.2

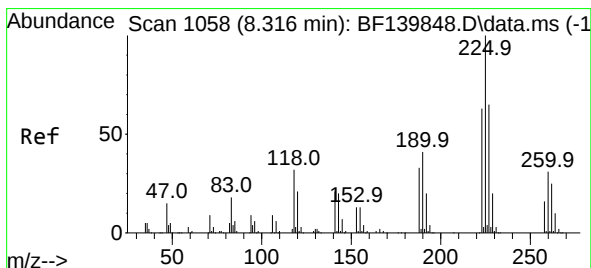
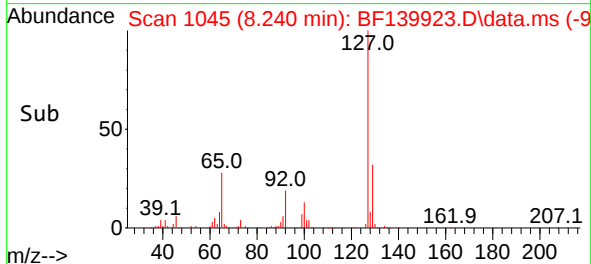
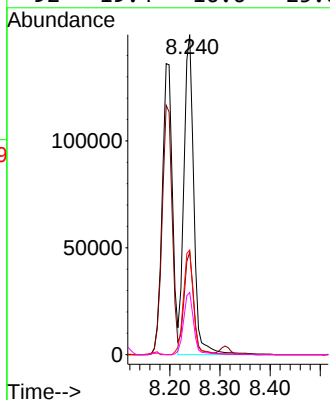
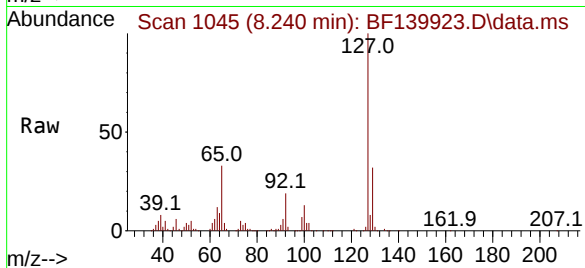




#33
4-Chloroaniline
Concen: 18.562 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

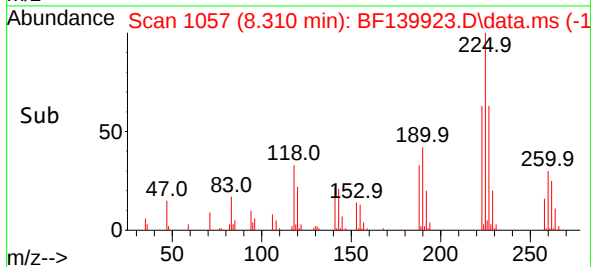
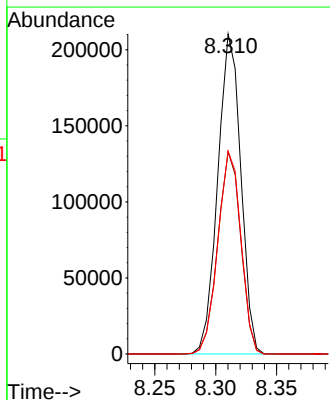
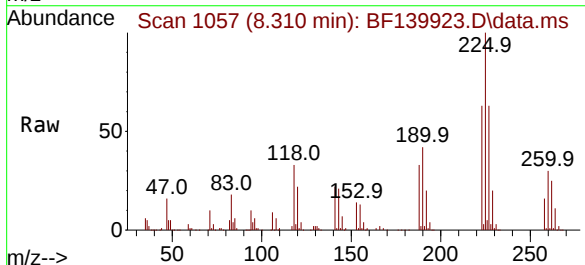
Instrument :
BNA_F
ClientSampleId :
PB164176BS

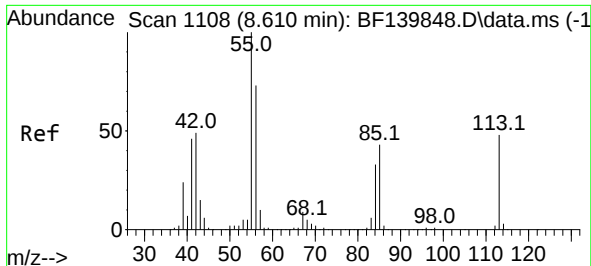
Tgt Ion:	127	Resp:	207083
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	32.7	28.4	42.6
92	19.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.409 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:	225	Resp:	277615
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.4	51.8	77.8

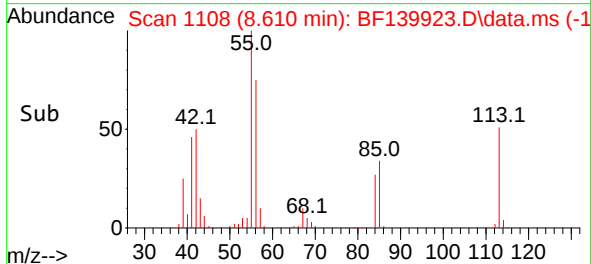
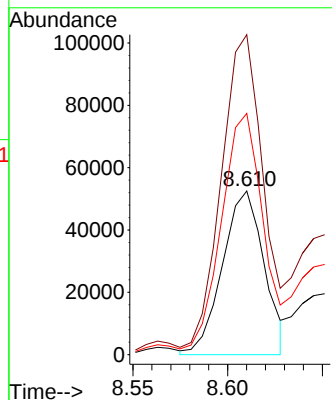
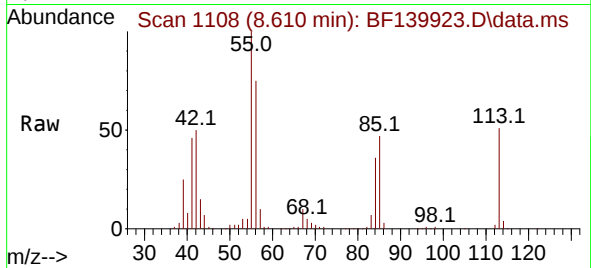




#35
 Caprolactam
 Concen: 28.041 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139923.D
 Acq: 22 Oct 2024 12:32

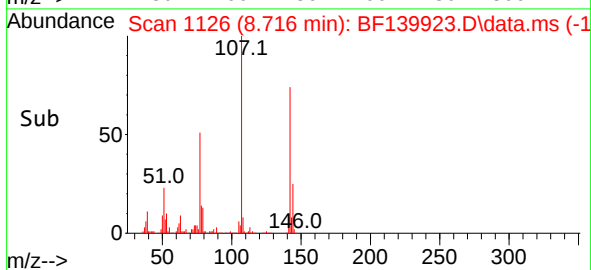
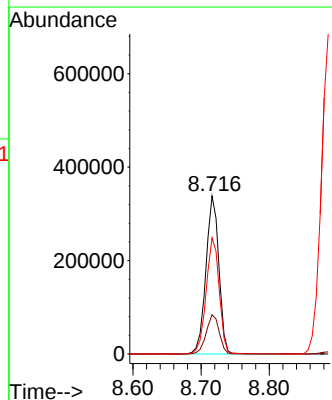
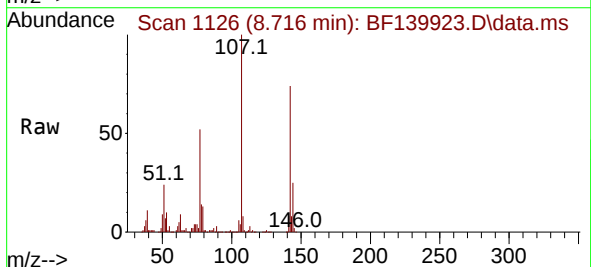
Instrument :
 BNA_F
 ClientSampleId :
 PB164176BS

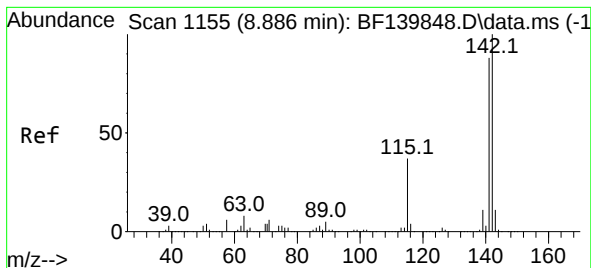
Tgt Ion:113 Resp: 80172
 Ion Ratio Lower Upper
 113 100
 55 195.4 189.2 229.2
 56 147.4 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.946 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139923.D
 Acq: 22 Oct 2024 12:32

Tgt Ion:107 Resp: 447497
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.1 28.7
 142 73.5 57.2 85.8





#37

2-Methylnaphthalene

Concen: 45.360 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

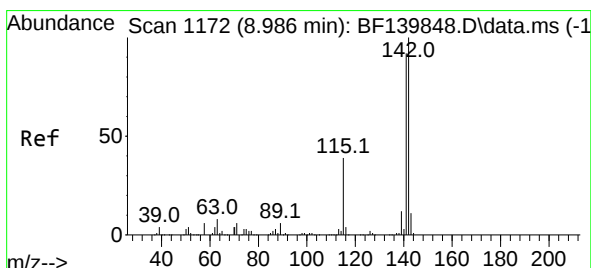
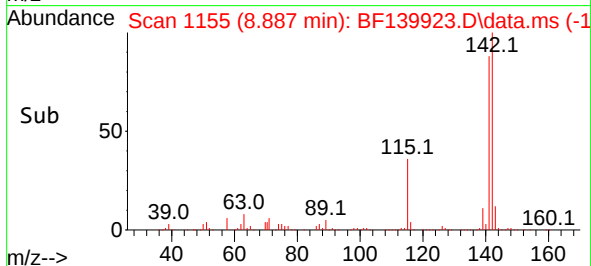
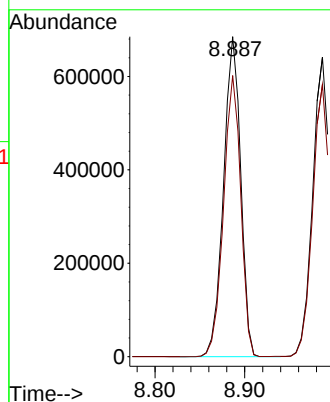
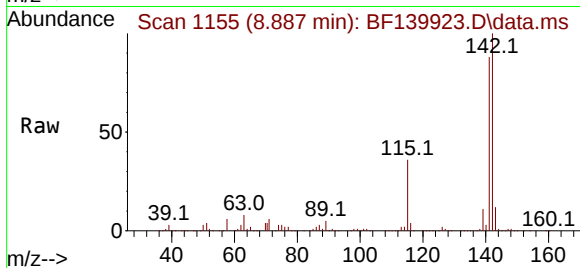
PB164176BS

Tgt Ion:142 Resp: 908891

Ion Ratio Lower Upper

142 100

141 87.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.169 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139923.D

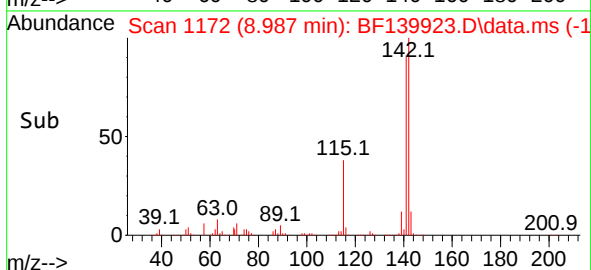
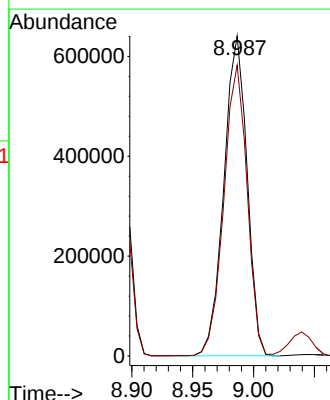
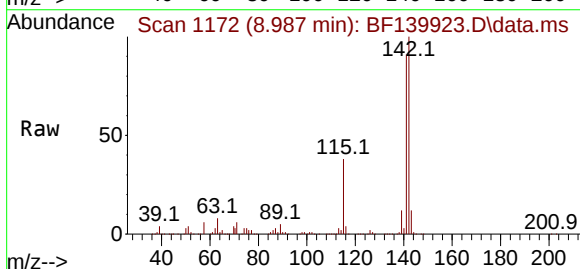
Acq: 22 Oct 2024 12:32

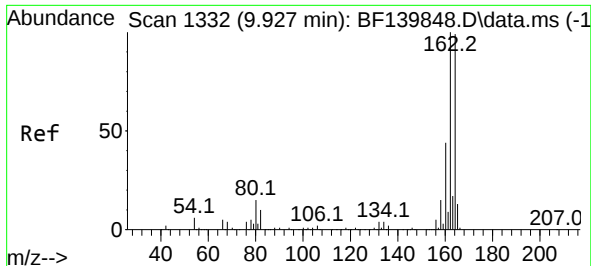
Tgt Ion:142 Resp: 848656

Ion Ratio Lower Upper

142 100

141 90.9 73.5 110.3

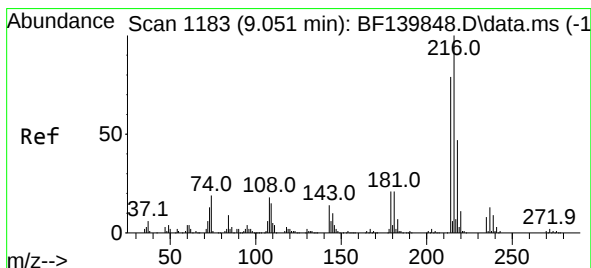
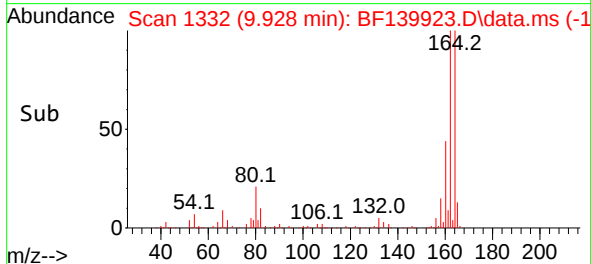
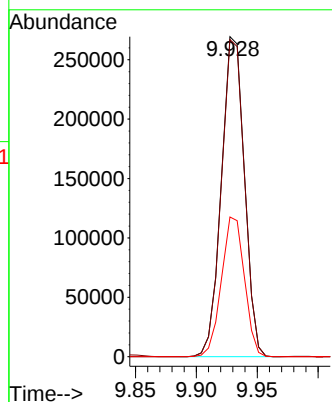
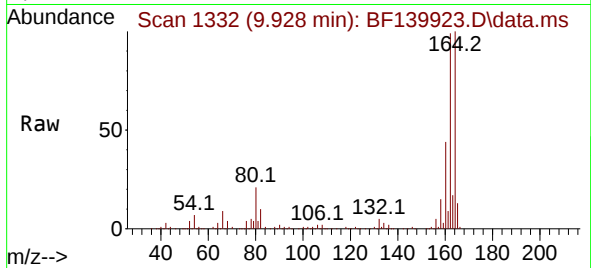




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

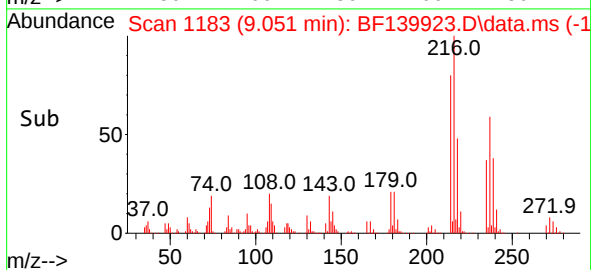
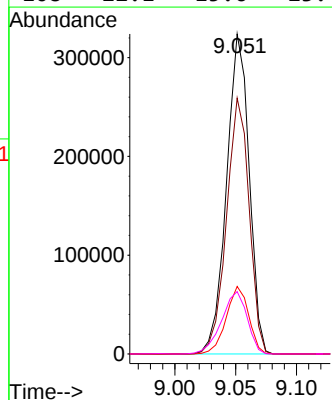
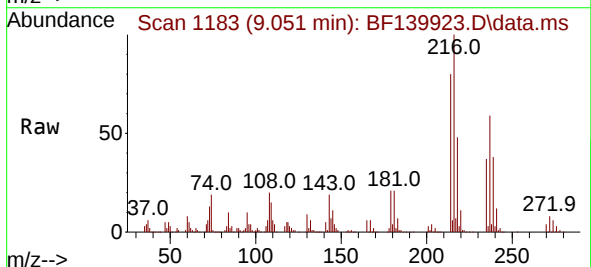
Instrument :
BNA_F
ClientSampleId :
PB164176BS

Tgt Ion:164 Resp: 355350
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 43.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.762 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

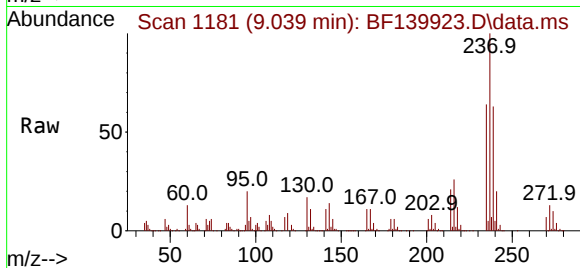
Tgt Ion:216 Resp: 419540
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 20.9 17.2 25.8
108 22.1 15.6 23.4



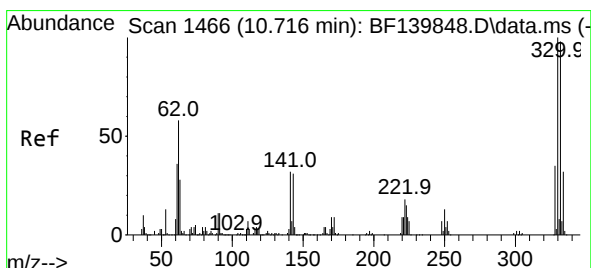
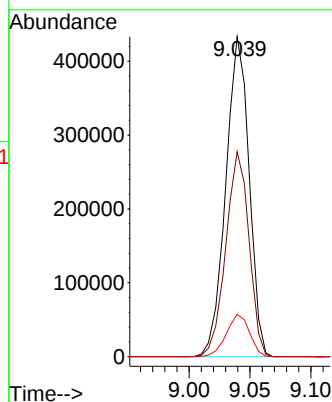
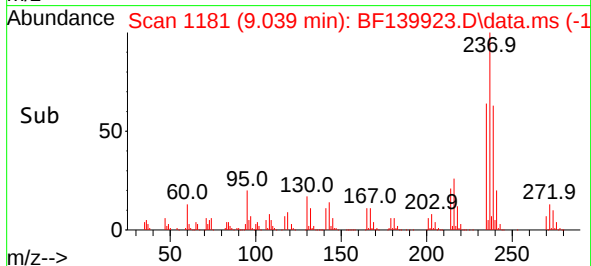


#41
Hexachlorocyclopentadiene
Concen: 173.249 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

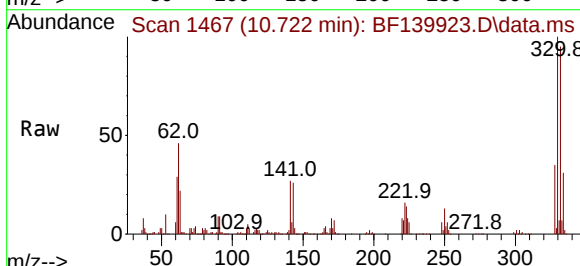
Instrument :
BNA_F
ClientSampleId :
PB164176BS



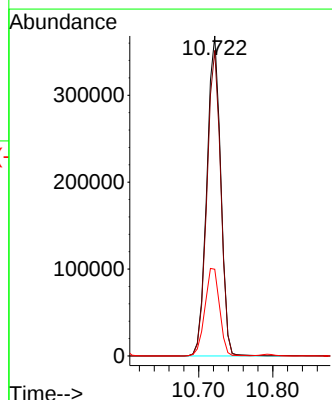
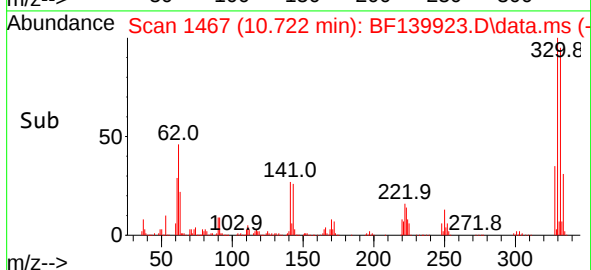
Tgt Ion:237 Resp: 577915
Ion Ratio Lower Upper
237 100
235 64.0 42.9 82.9
272 13.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 143.789 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:330 Resp: 477931
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 29.0 26.6 39.8

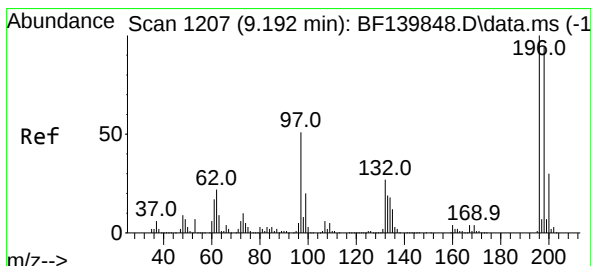
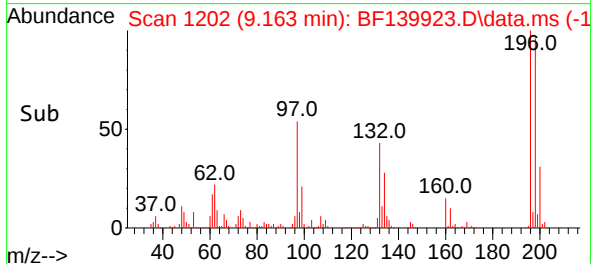
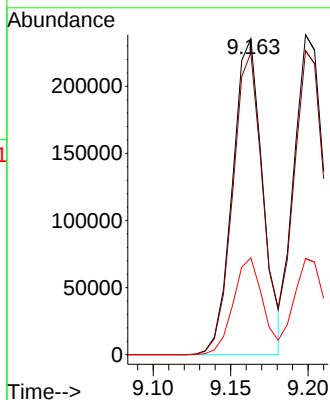
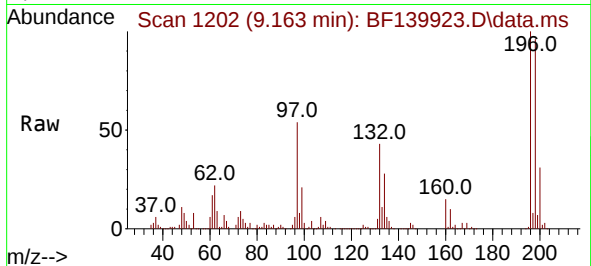




#43
2,4,6-Trichlorophenol
Concen: 46.960 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

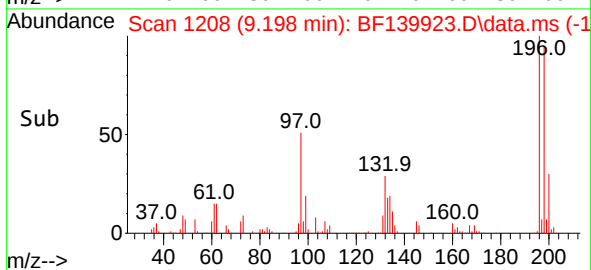
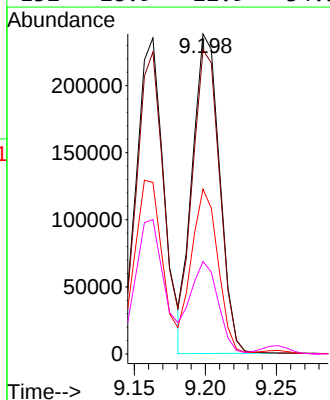
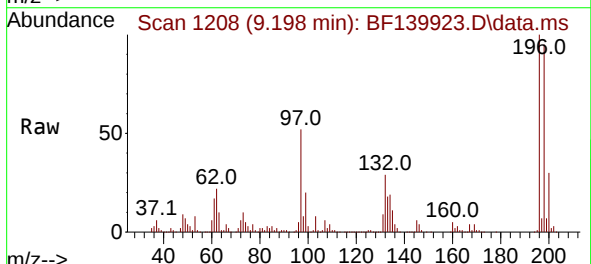
Instrument :
BNA_F
ClientSampleId :
PB164176BS

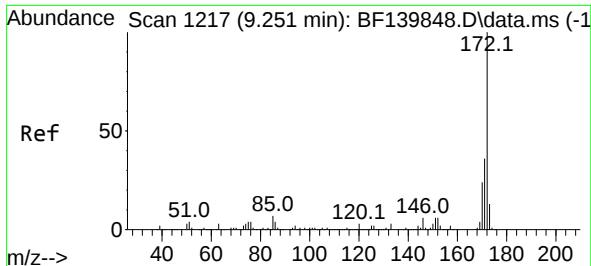
Tgt Ion:196 Resp: 318733
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.2
200 30.6 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 45.383 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:196 Resp: 317804
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
97 51.5 41.8 62.6
132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 87.188 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

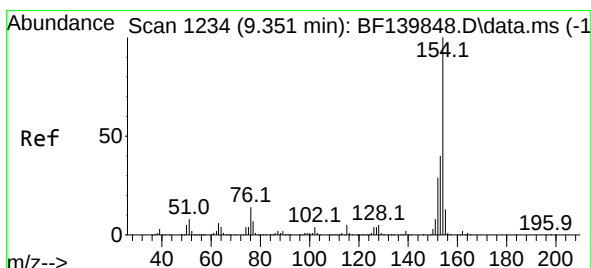
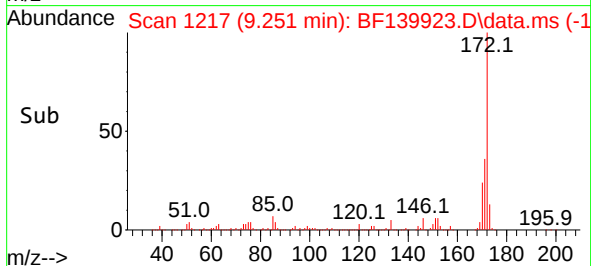
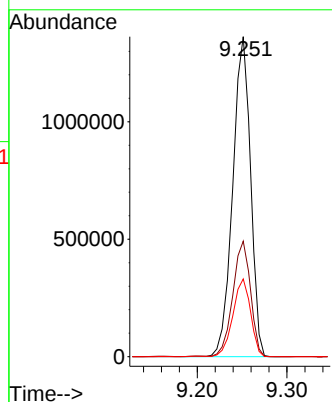
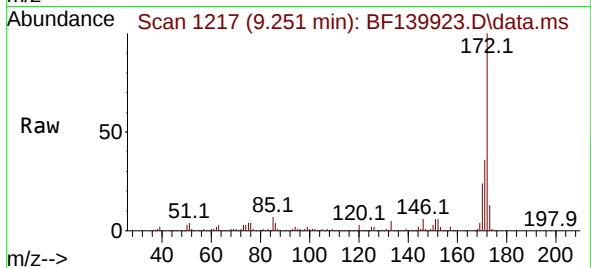
Tgt Ion:172 Resp: 1874648

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.3 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.859 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

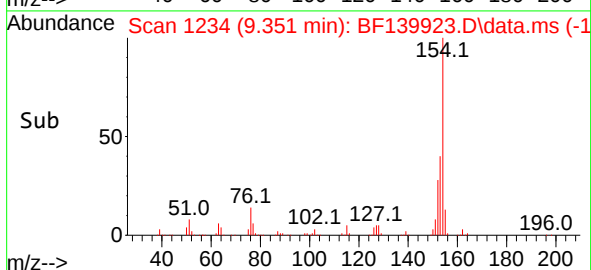
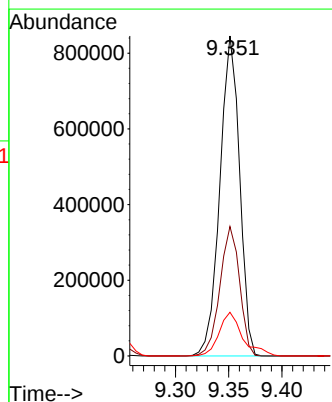
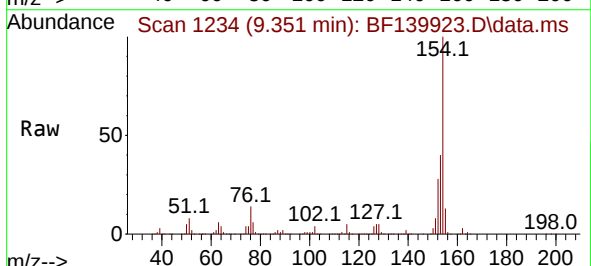
Tgt Ion:154 Resp: 1084962

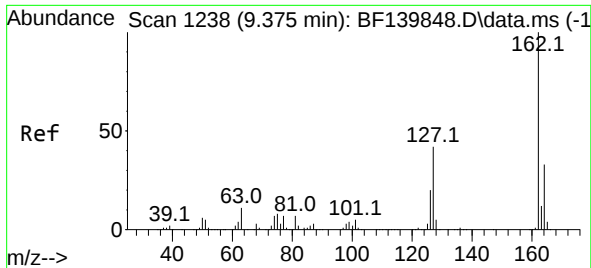
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.7 0.0 33.9

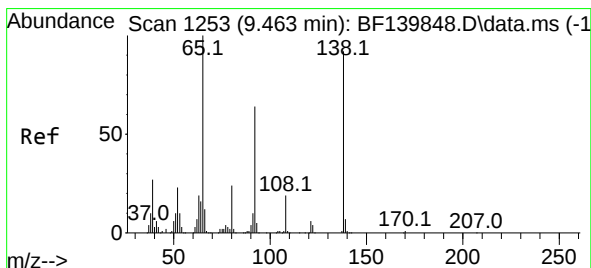
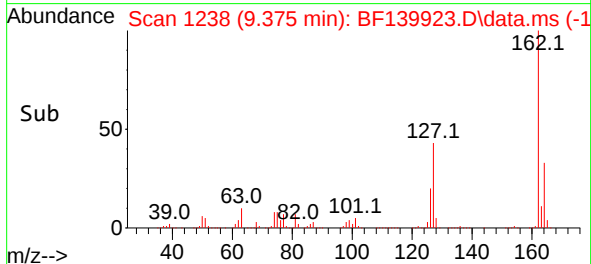
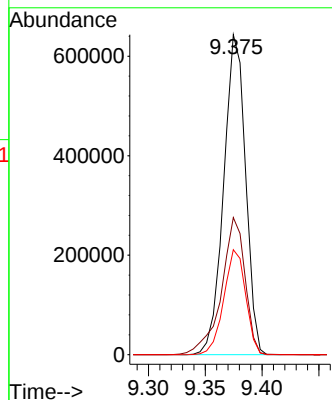
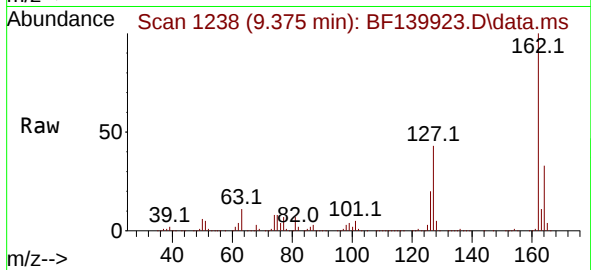




#47
 2-Chloronaphthalene
 Concen: 43.214 ng
 RT: 9.375 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139923.D
 Acq: 22 Oct 2024 12:32

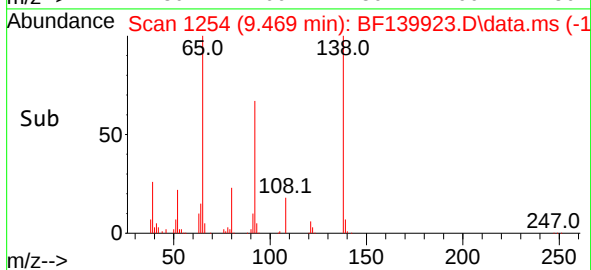
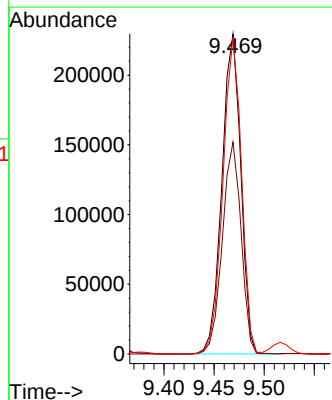
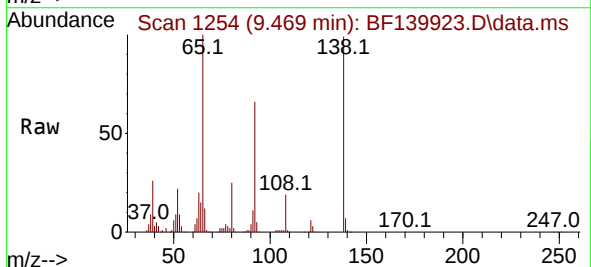
Instrument :
 BNA_F
 ClientSampleId :
 PB164176BS

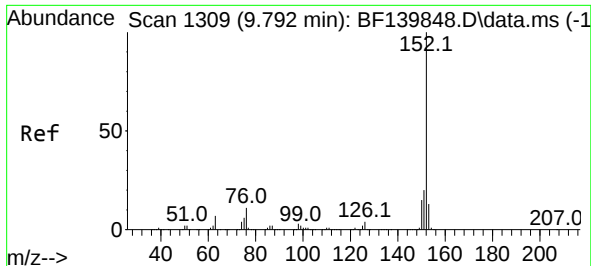
Tgt Ion:162 Resp: 860990
 Ion Ratio Lower Upper
 162 100
 127 42.8 33.8 50.6
 164 32.8 26.6 39.8



#48
 2-Nitroaniline
 Concen: 49.175 ng
 RT: 9.469 min Scan# 1254
 Delta R.T. 0.006 min
 Lab File: BF139923.D
 Acq: 22 Oct 2024 12:32

Tgt Ion: 65 Resp: 299651
 Ion Ratio Lower Upper
 65 100
 92 66.2 50.9 76.3
 138 98.8 73.4 110.0





#49

Acenaphthylene

Concen: 46.942 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

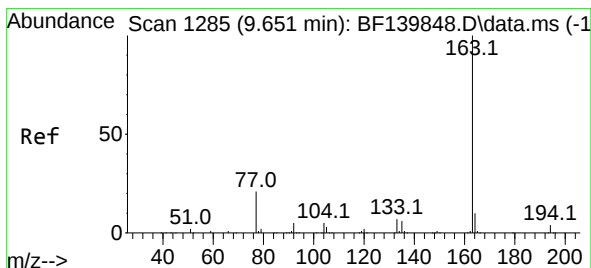
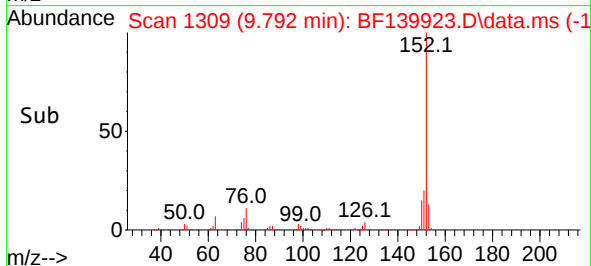
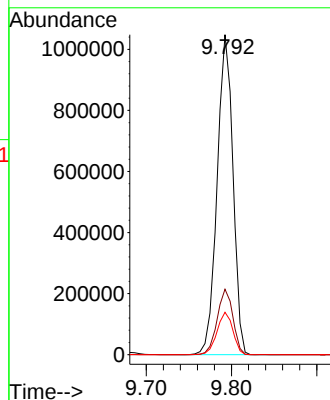
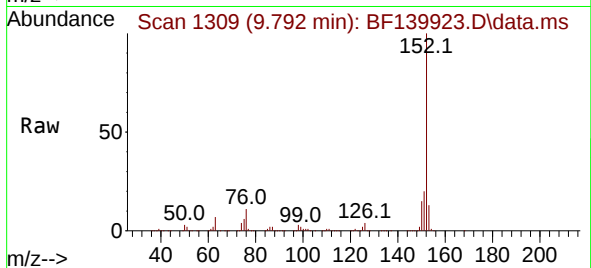
Tgt Ion:152 Resp: 1352129

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 45.472 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

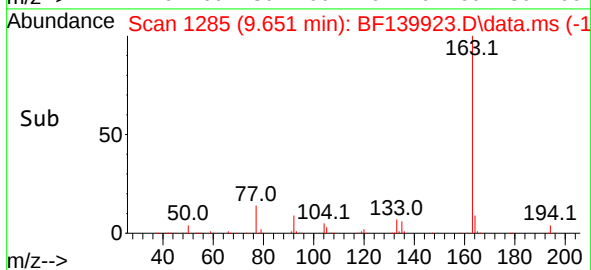
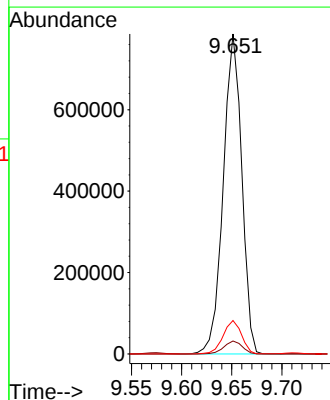
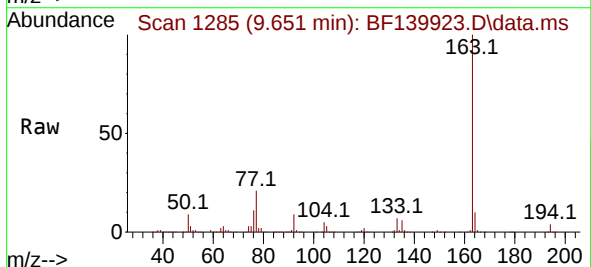
Tgt Ion:163 Resp: 1006470

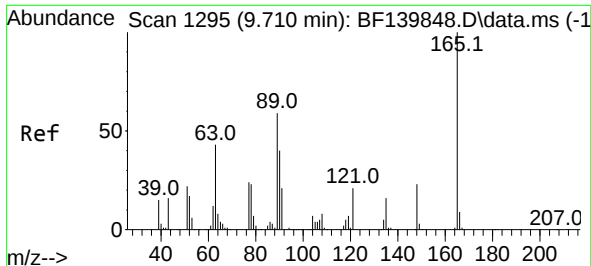
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.5 8.2 12.2

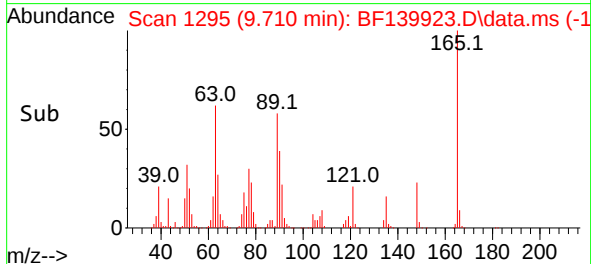
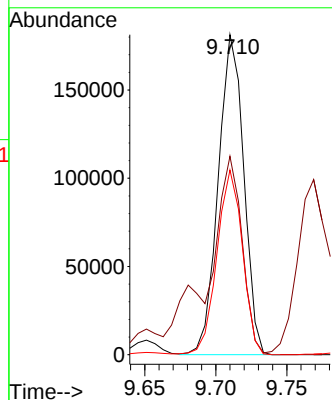
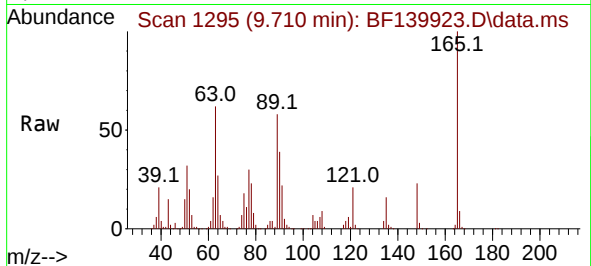




#51
2,6-Dinitrotoluene
Concen: 47.256 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

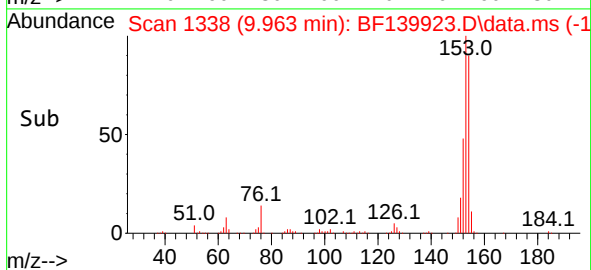
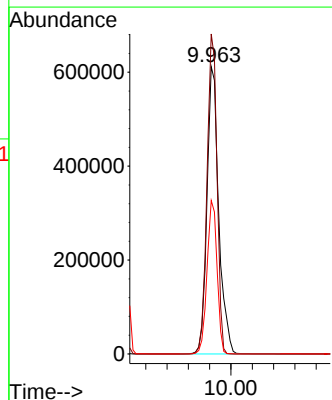
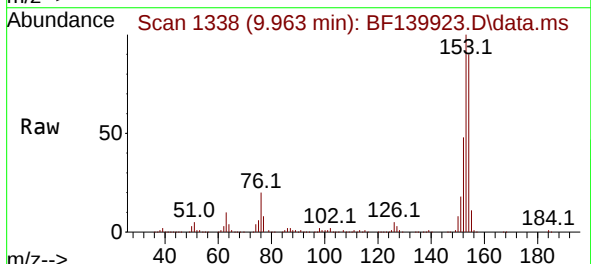
Instrument :
BNA_F
ClientSampleId :
PB164176BS

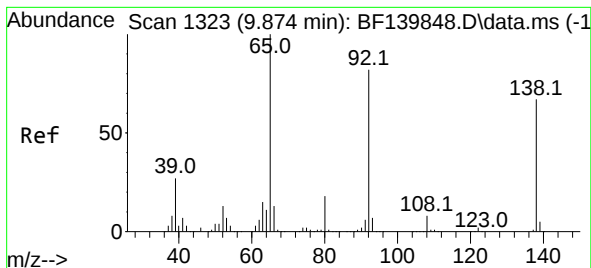
Tgt Ion:165 Resp: 226474
Ion Ratio Lower Upper
165 100
63 62.0 50.6 75.8
89 57.7 47.5 71.3



#52
Acenaphthene
Concen: 50.172 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:154 Resp: 934861
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.6
152 53.4 42.4 63.6





#53

3-Nitroaniline

Concen: 28.135 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

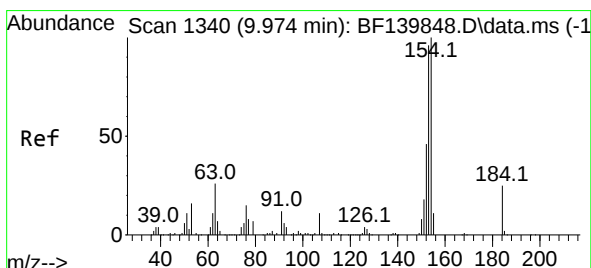
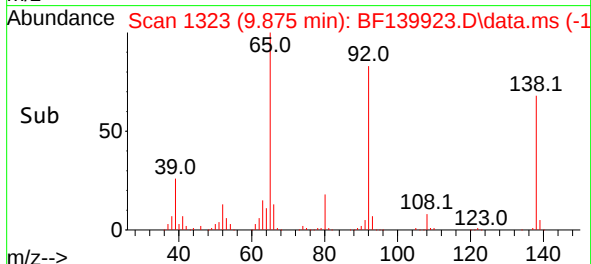
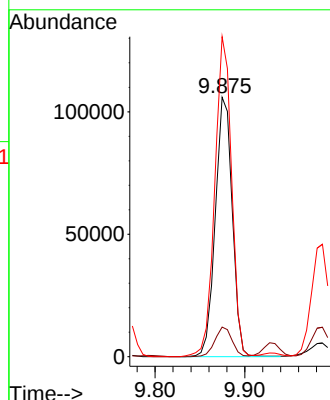
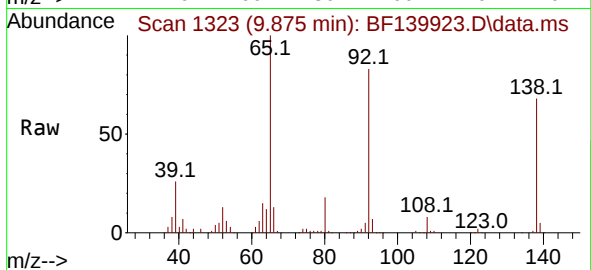
Tgt Ion:138 Resp: 139047

Ion Ratio Lower Upper

138 100

108 11.4 10.2 15.2

92 123.4 98.3 147.5



#54

2,4-Dinitrophenol

Concen: 116.326 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.012 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

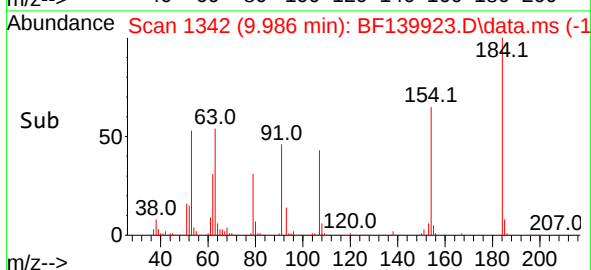
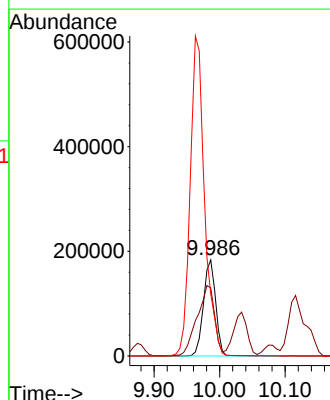
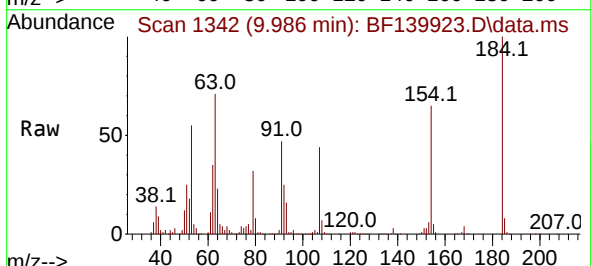
Tgt Ion:184 Resp: 238051

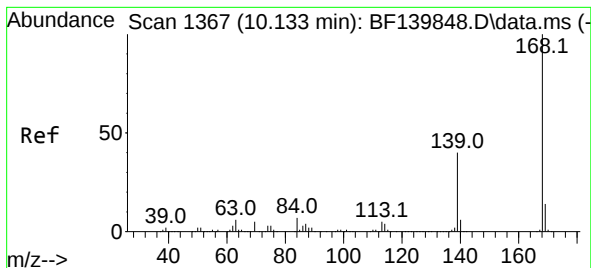
Ion Ratio Lower Upper

184 100

63 70.8 84.7 127.1#

154 64.7 338.2 507.2#





#55

Dibenzenofuran

Concen: 44.620 ng

RT: 10.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

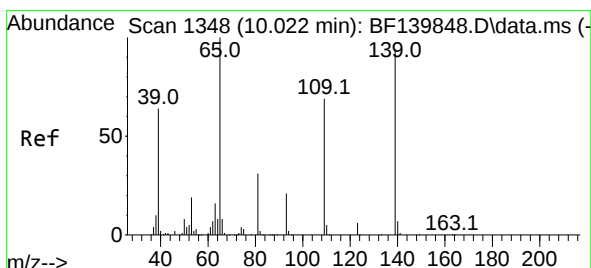
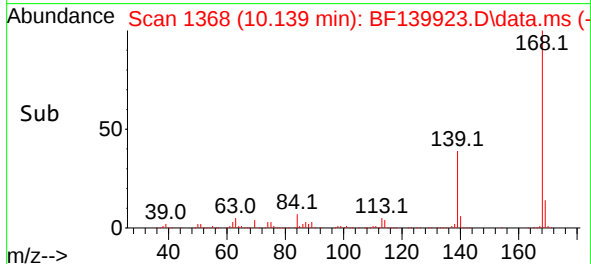
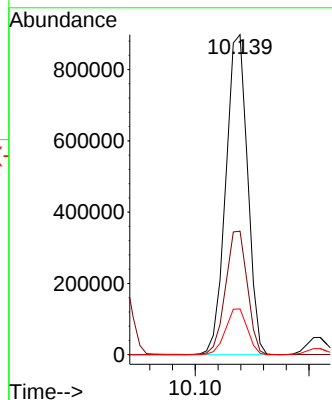
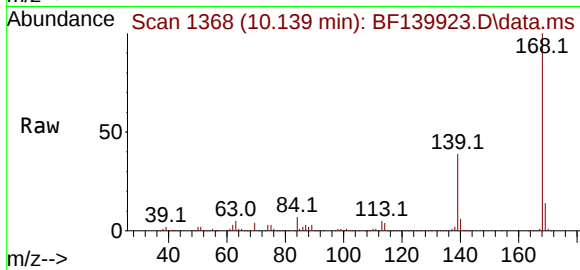
Tgt Ion:168 Resp: 1192877

Ion Ratio Lower Upper

168 100

139 38.6 31.8 47.6

169 14.3 11.6 17.4



#56

4-Nitrophenol

Concen: 101.294 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

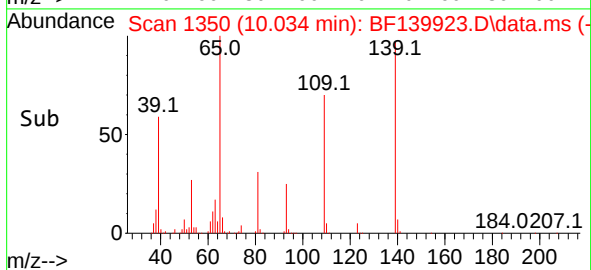
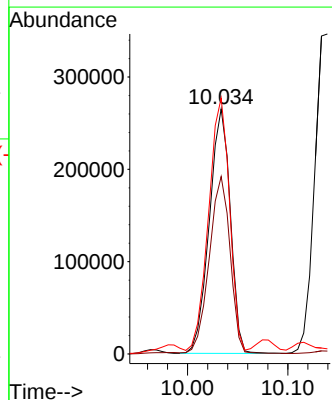
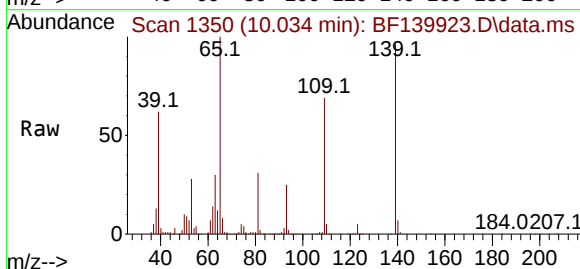
Tgt Ion:139 Resp: 385149

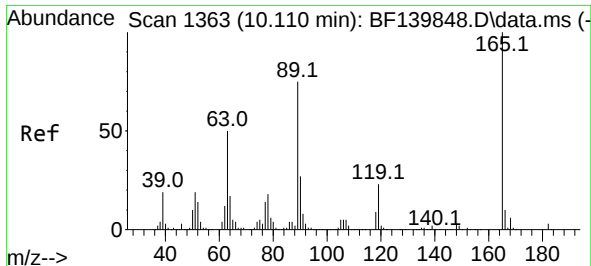
Ion Ratio Lower Upper

139 100

109 72.4 53.6 93.6

65 104.4 87.8 127.8

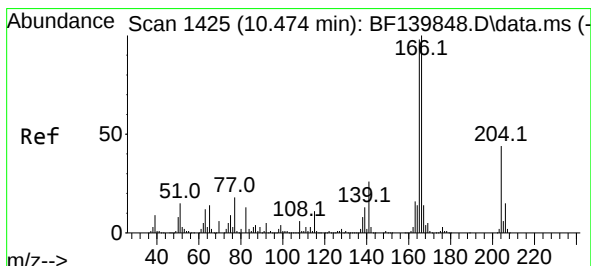
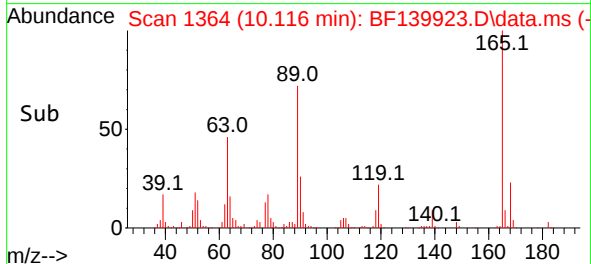
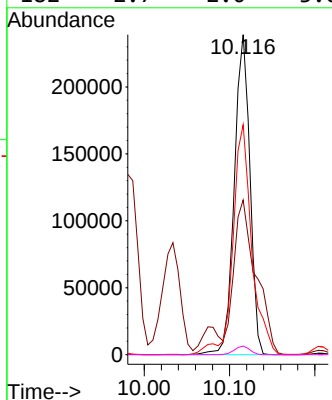
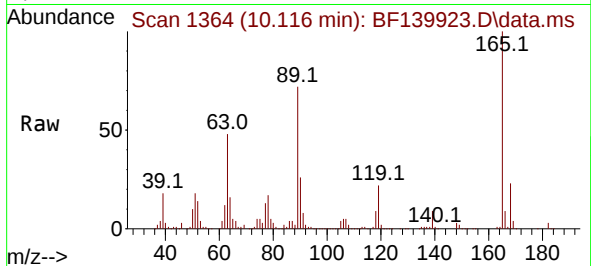




#57
2,4-Dinitrotoluene
Concen: 51.637 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

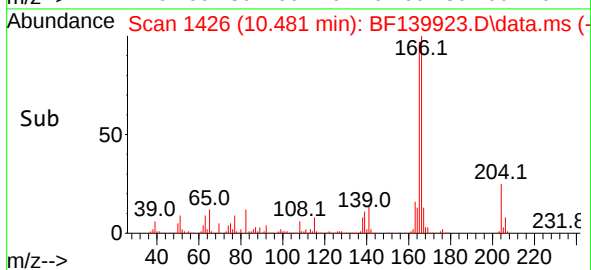
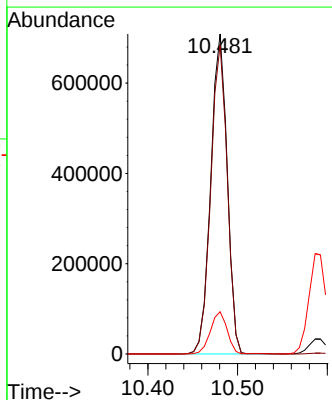
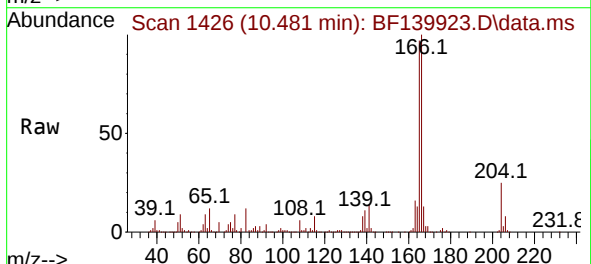
Instrument :
BNA_F
ClientSampleId :
PB164176BS

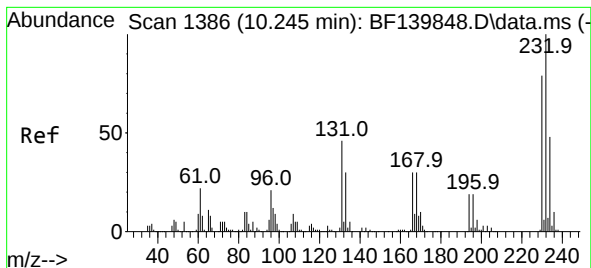
Tgt Ion:165 Resp: 304318
Ion Ratio Lower Upper
165 100
63 48.4 40.1 60.1
89 71.9 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 44.307 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

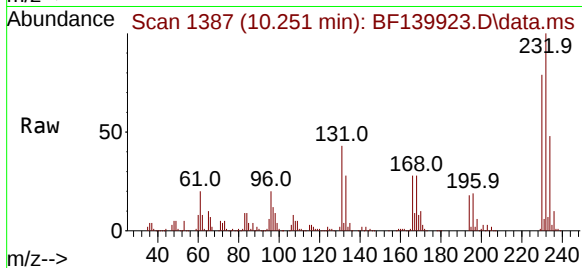
Tgt Ion:166 Resp: 902199
Ion Ratio Lower Upper
166 100
165 96.6 78.5 117.7
167 13.2 10.9 16.3



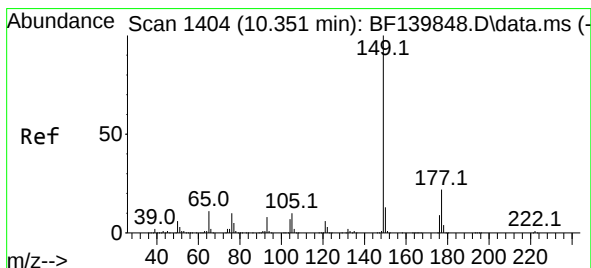
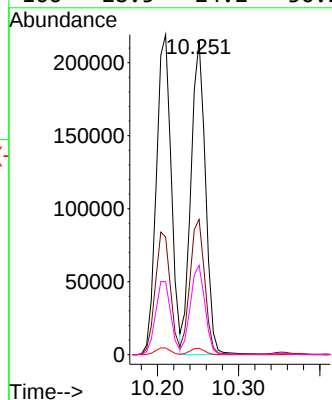
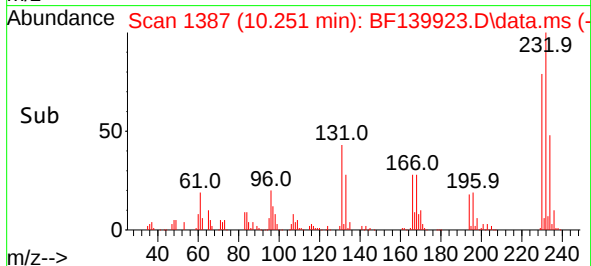


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.783 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

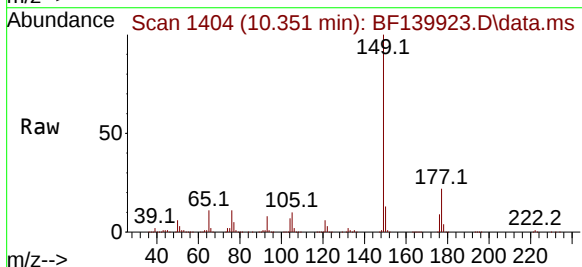
Instrument :
BNA_F
ClientSampleId :
PB164176BS



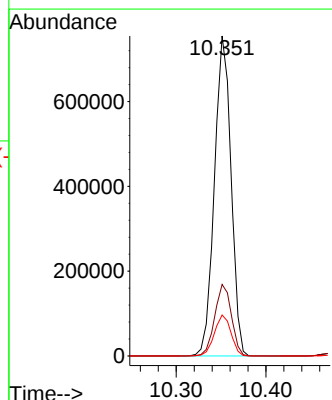
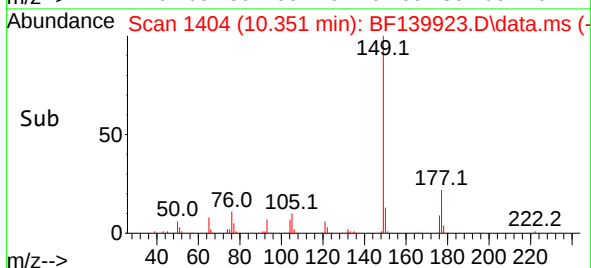
Tgt Ion:232 Resp: 267802
Ion Ratio Lower Upper
232 100
131 44.0 37.0 55.6
130 2.1 1.9 2.9
166 28.5 24.2 36.2

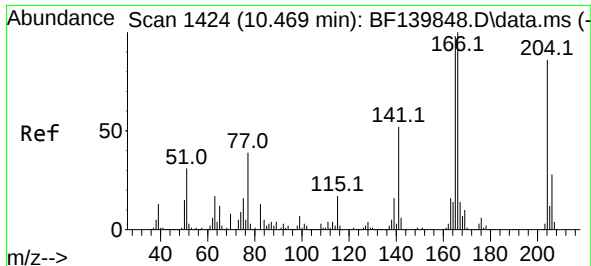


#60
Diethylphthalate
Concen: 44.655 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32



Tgt Ion:149 Resp: 970470
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.8 10.1 15.1

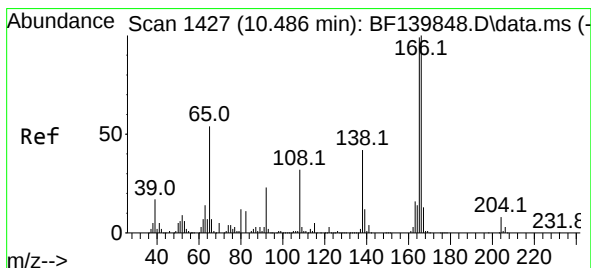
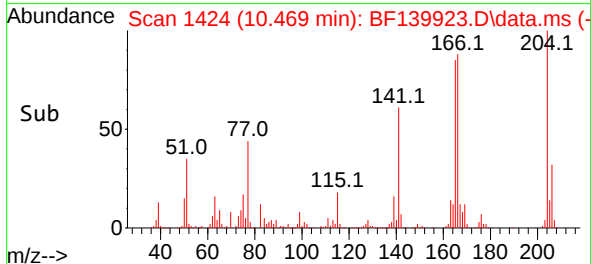
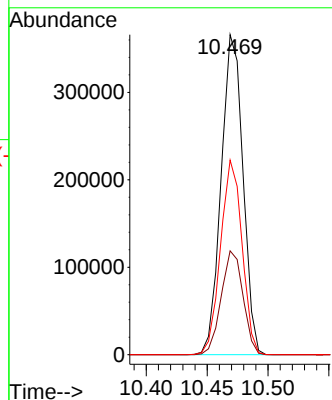
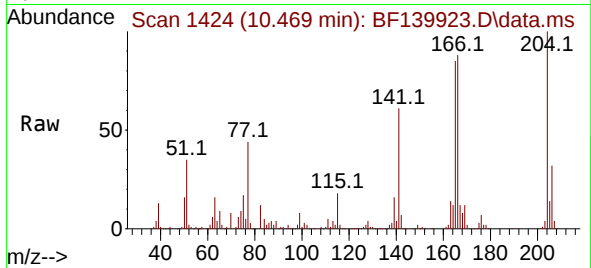




#61
4-Chlorophenyl-phenylether
Concen: 44.410 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

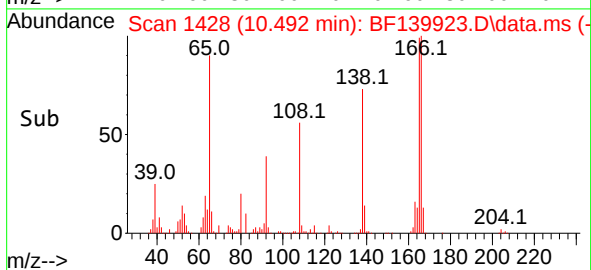
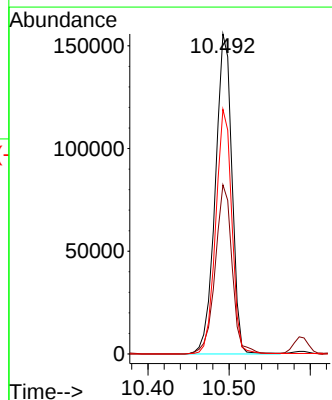
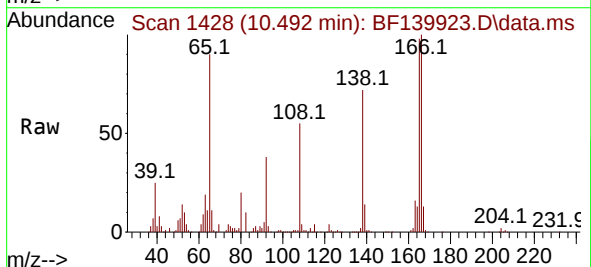
Instrument :
BNA_F
ClientSampleId :
PB164176BS

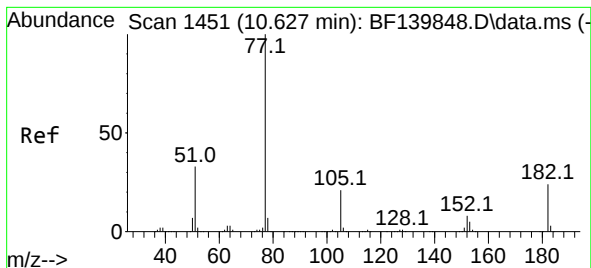
Tgt Ion:204 Resp: 456673
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 60.8 48.6 73.0



#62
4-Nitroaniline
Concen: 47.477 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:138 Resp: 221610
Ion Ratio Lower Upper
138 100
92 52.9 35.7 75.7
108 76.4 57.5 97.5





#63

Azobenzene

Concen: 43.924 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

Tgt Ion: 77 Resp: 1012001

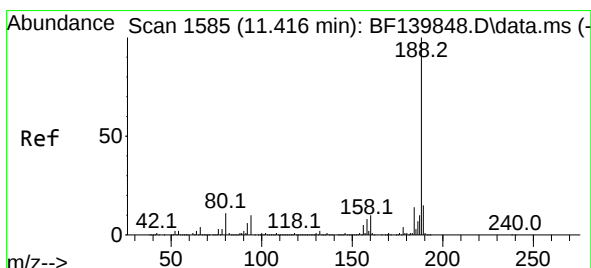
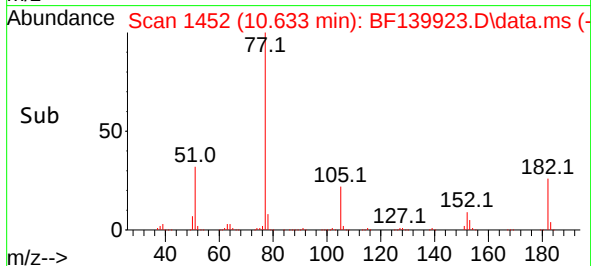
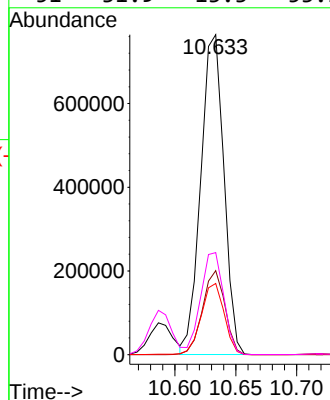
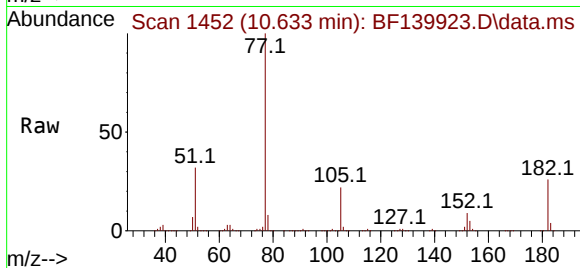
Ion Ratio Lower Upper

77 100

182 26.3 3.3 43.3

105 22.2 1.2 41.2

51 31.9 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

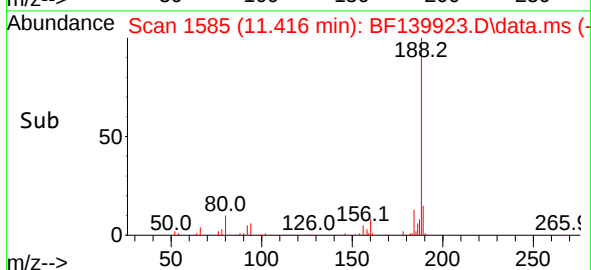
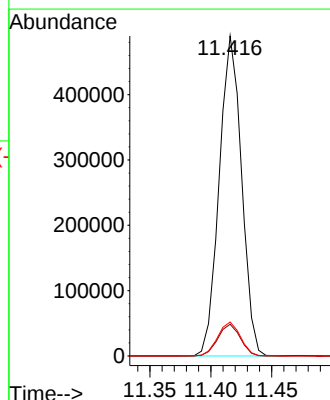
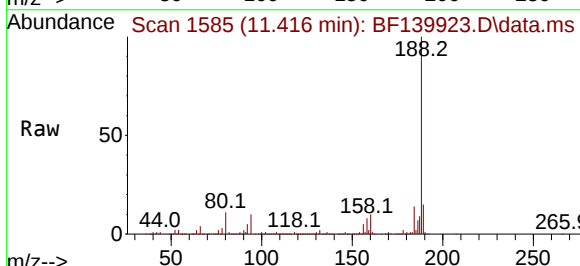
Tgt Ion:188 Resp: 625992

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 9.0 13.4

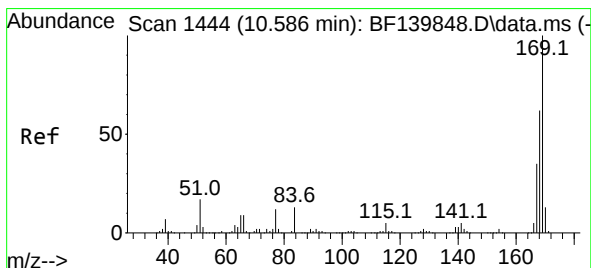
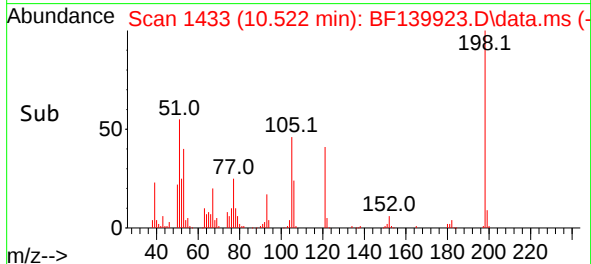
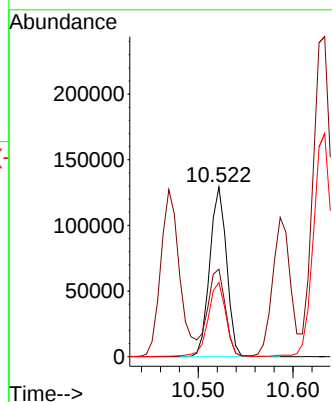
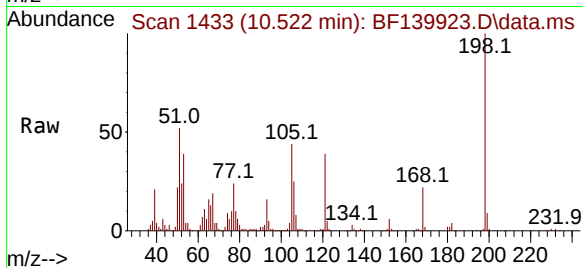




#65
4,6-Dinitro-2-methylphenol
Concen: 62.378 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

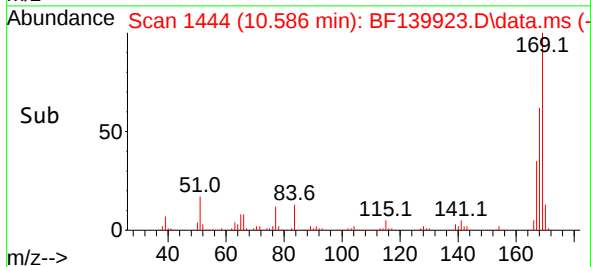
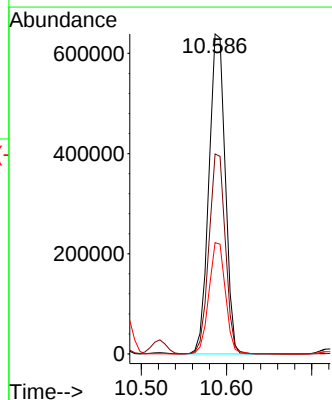
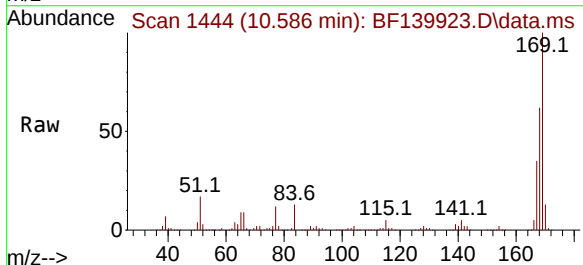
Instrument :
BNA_F
ClientSampleId :
PB164176BS

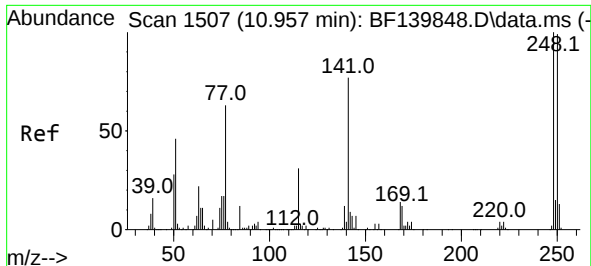
Tgt Ion:198 Resp: 159277
Ion Ratio Lower Upper
198 100
51 51.6 38.2 78.2
105 43.7 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 45.290 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:169 Resp: 848537
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.8 28.0 42.0

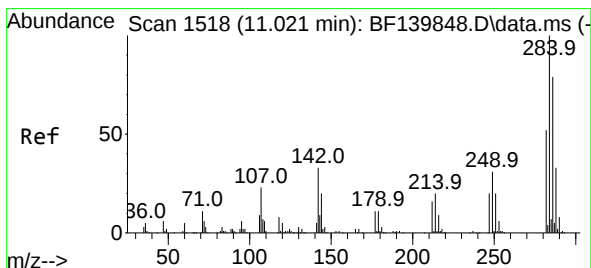
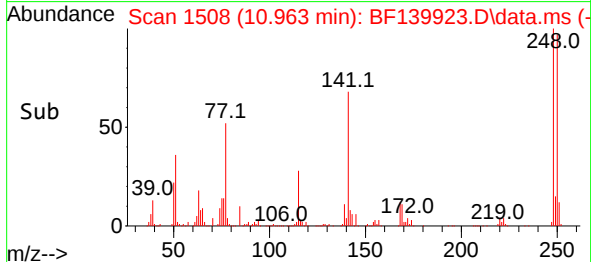
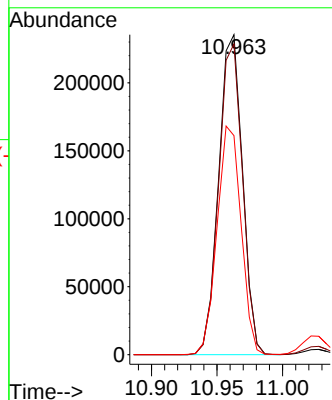
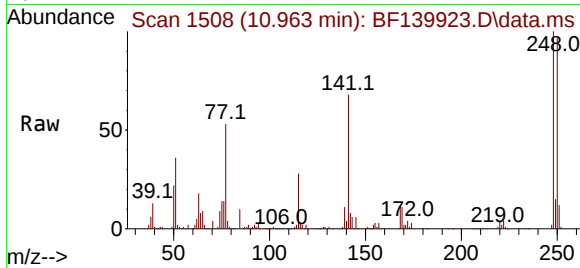




#67
4-Bromophenyl-phenylether
Concen: 46.213 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

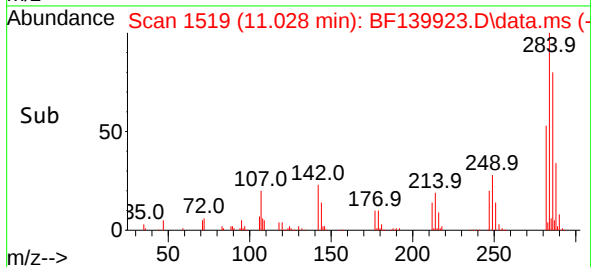
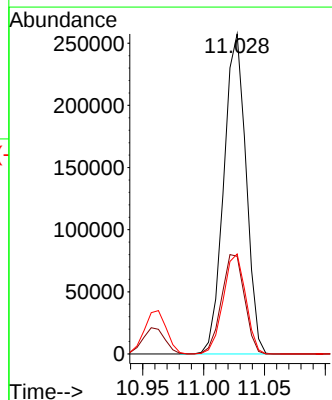
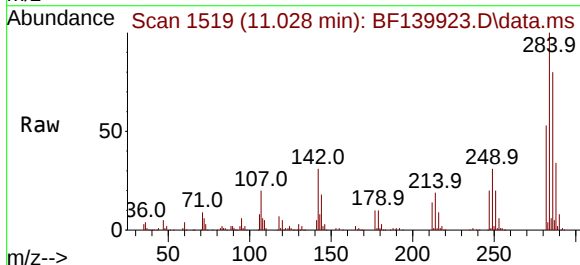
Instrument :
BNA_F
ClientSampleId :
PB164176BS

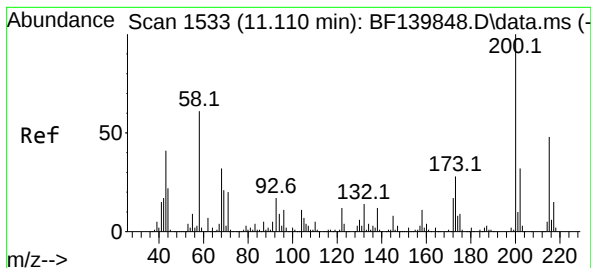
Tgt Ion:248 Resp: 298023
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 68.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 45.090 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139923.D
Acq: 22 Oct 2024 12:32

Tgt Ion:284 Resp: 327034
Ion Ratio Lower Upper
284 100
142 30.6 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 53.321 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

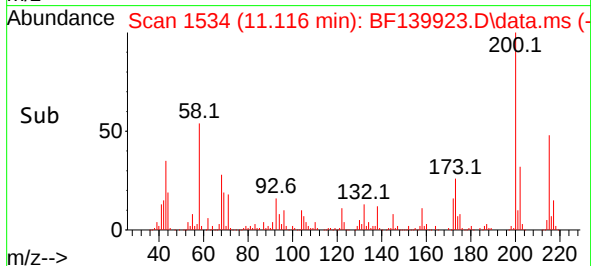
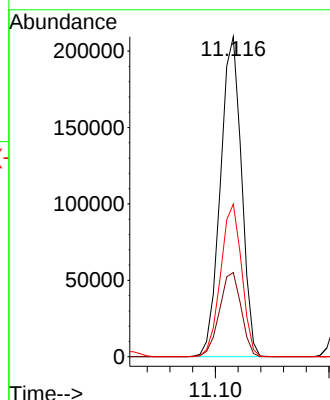
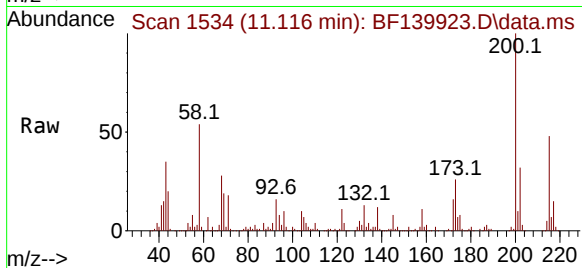
Tgt Ion:200 Resp: 270618

Ion Ratio Lower Upper

200 100

173 26.3 7.7 47.7

215 47.7 27.7 67.7



#70

Pentachlorophenol

Concen: 93.119 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

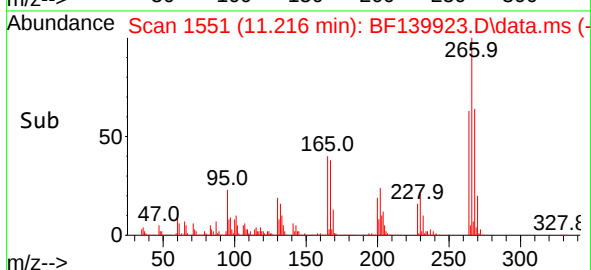
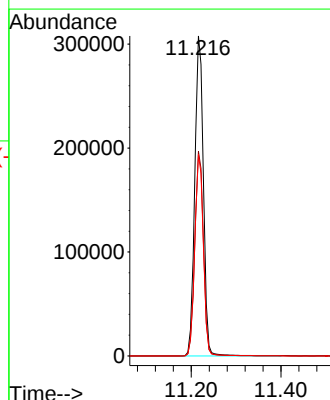
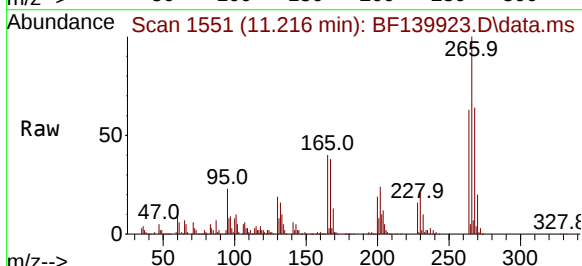
Tgt Ion:266 Resp: 409892

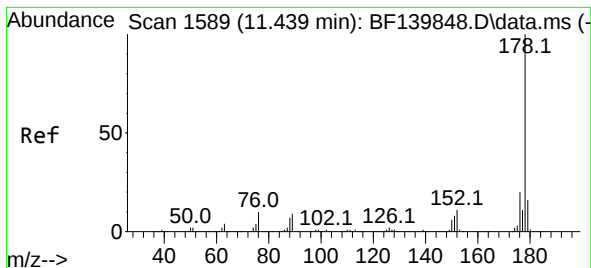
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 62.9 50.6 75.8





#71

Phenanthrene

Concen: 45.700 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

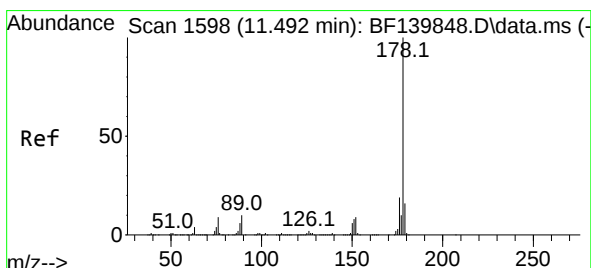
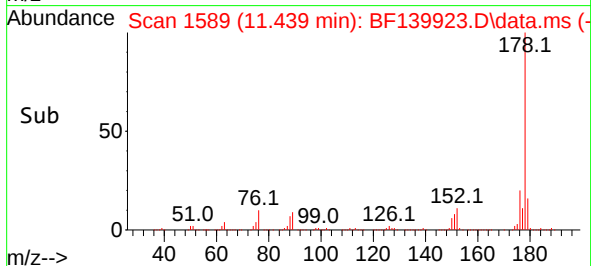
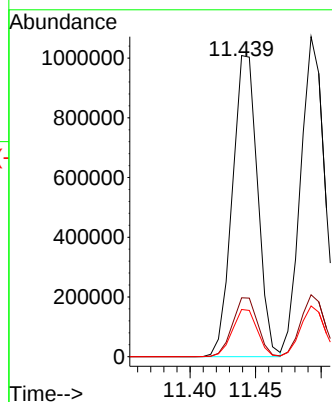
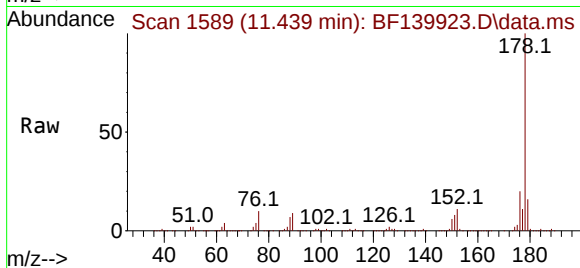
Tgt Ion:178 Resp: 1351322

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.7 12.6 18.8



#72

Anthracene

Concen: 46.937 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

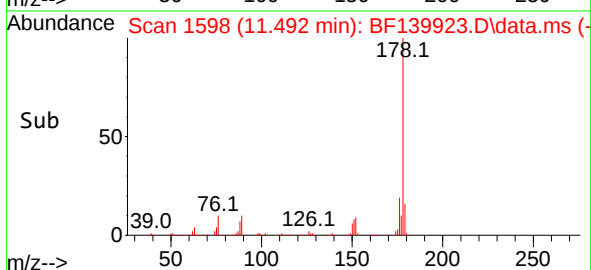
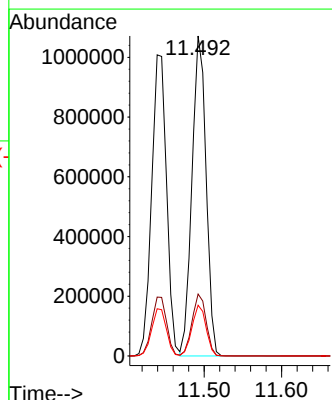
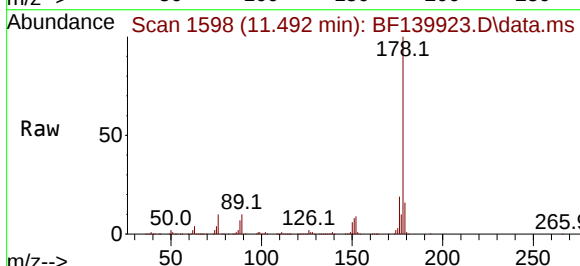
Tgt Ion:178 Resp: 1354140

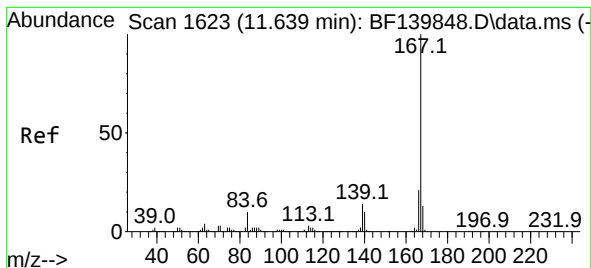
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.9 12.4 18.6





#73

Carbazole

Concen: 43.692 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

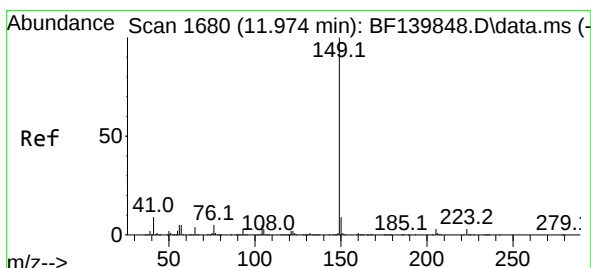
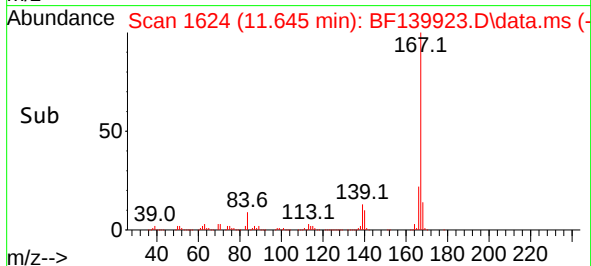
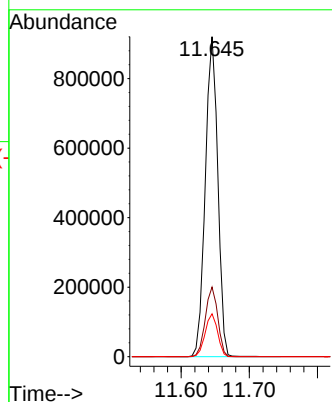
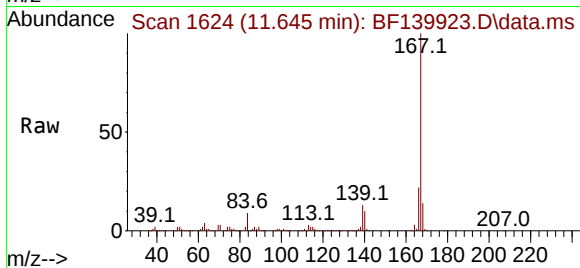
Tgt Ion:167 Resp: 1172325

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.4 10.8 16.2



#74

Di-n-butylphthalate

Concen: 44.415 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

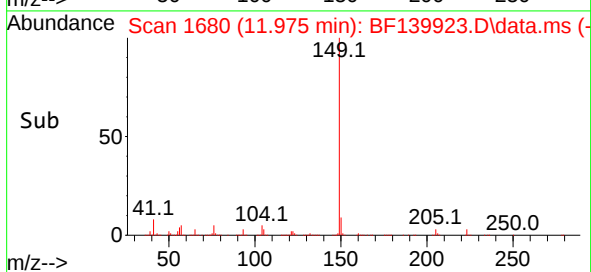
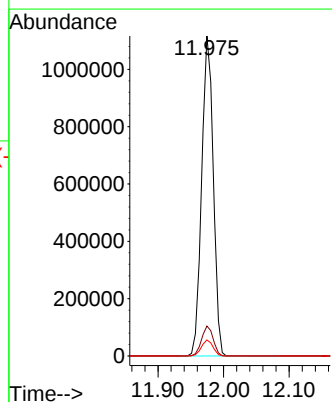
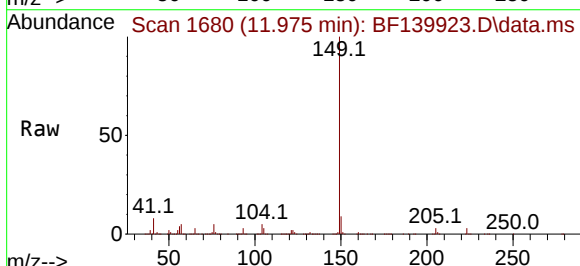
Tgt Ion:149 Resp: 1376818

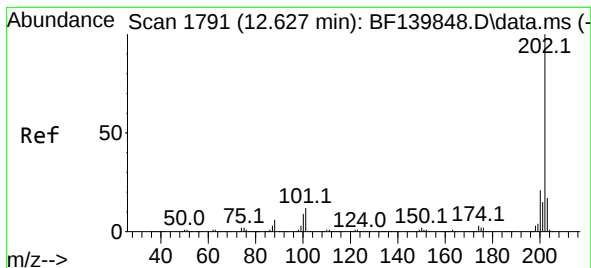
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 43.574 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

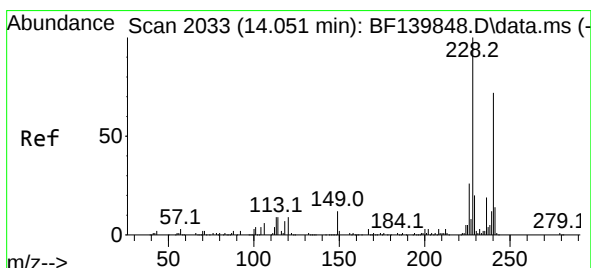
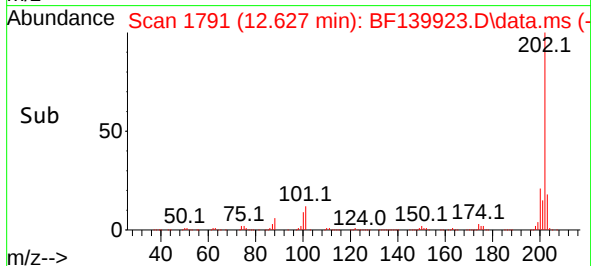
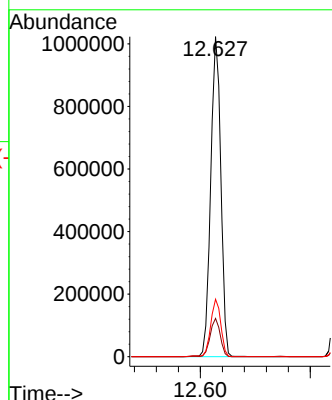
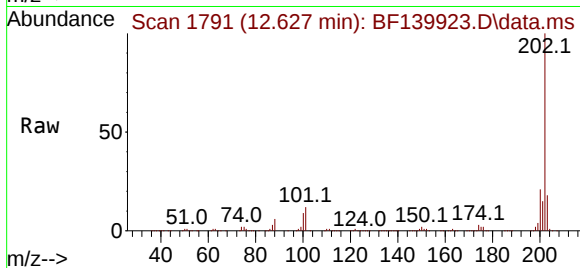
Tgt Ion:202 Resp: 1302514

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.9

203 17.9 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

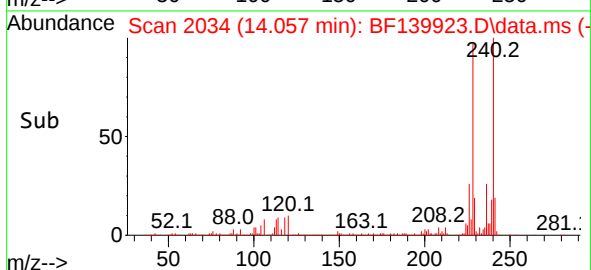
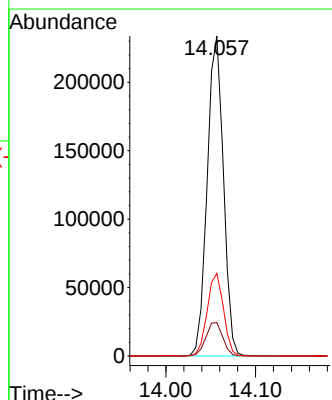
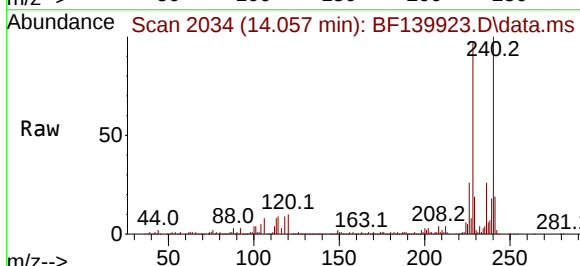
Tgt Ion:240 Resp: 293284

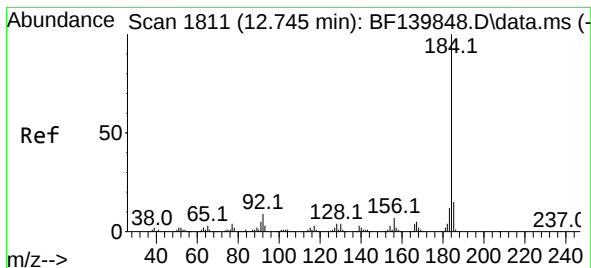
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 25.8 20.9 31.3





#77

Benzidine

Concen: 55.502 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

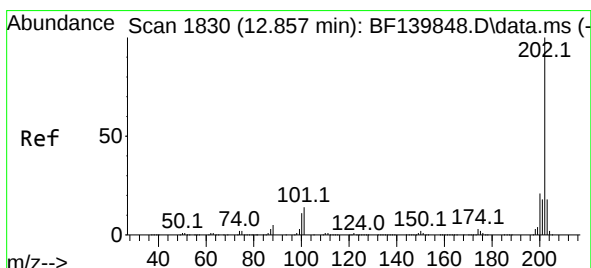
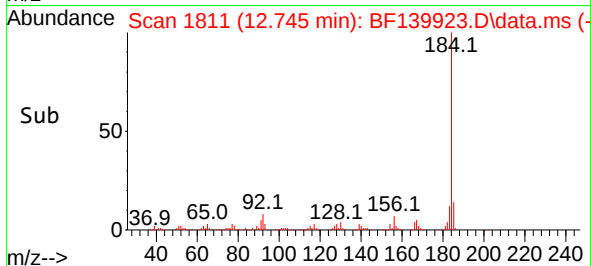
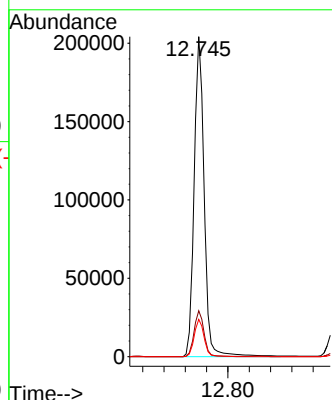
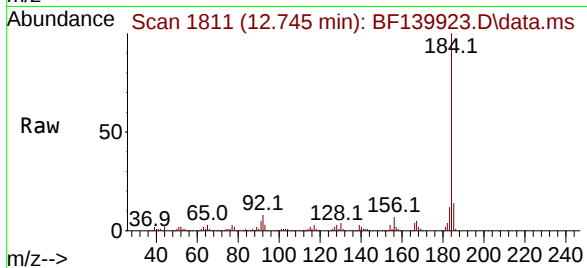
Tgt Ion:184 Resp: 267665

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

183 11.6 9.4 14.2



#78

Pyrene

Concen: 51.056 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

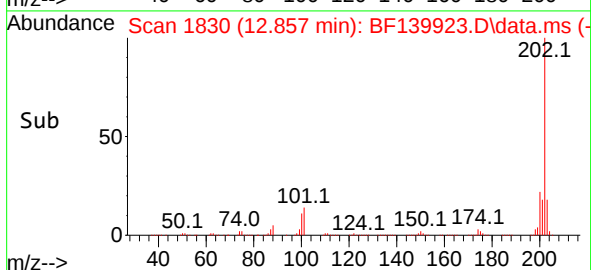
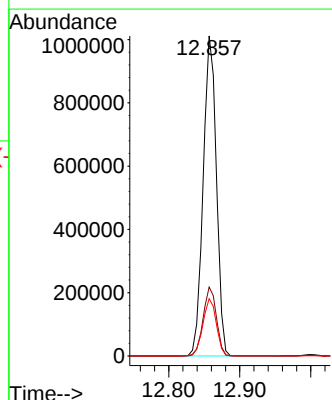
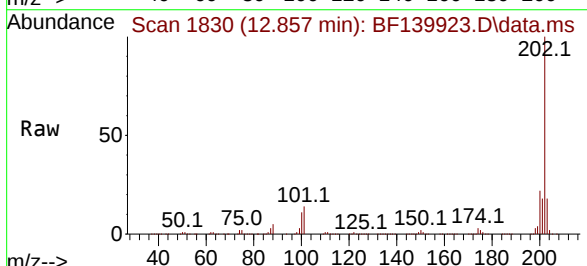
Tgt Ion:202 Resp: 1310725

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 104.249 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

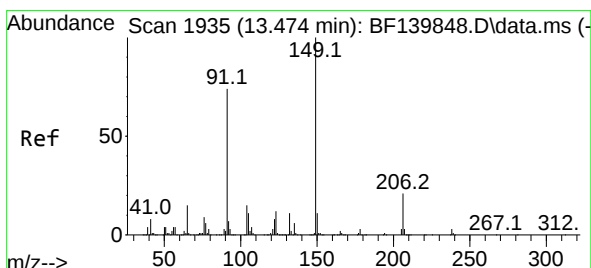
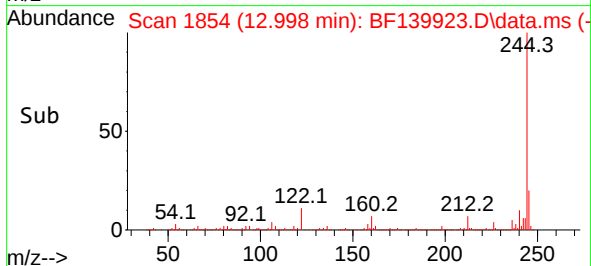
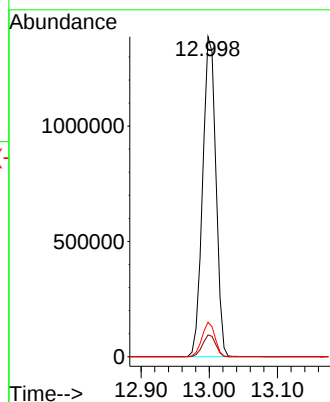
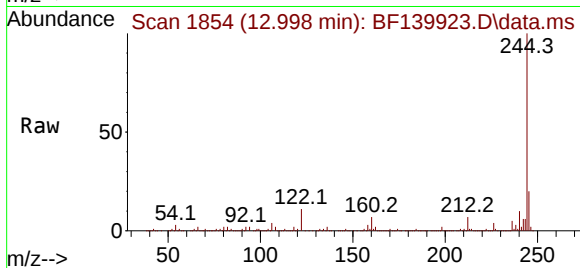
Tgt Ion:244 Resp: 1876342

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.8 8.6 13.0



#80

Butylbenzylphthalate

Concen: 50.624 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

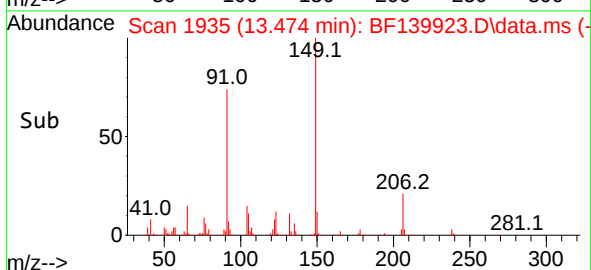
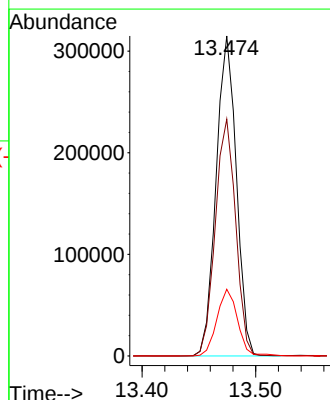
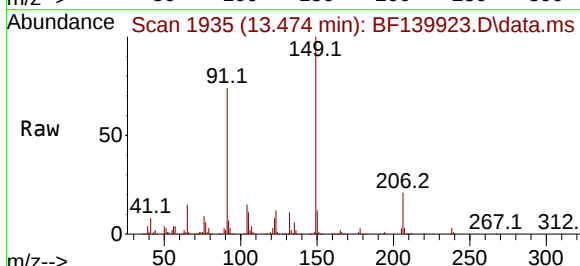
Tgt Ion:149 Resp: 389633

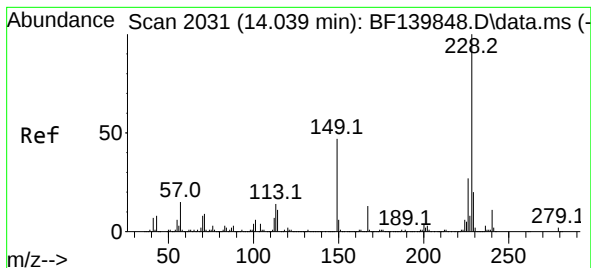
Ion Ratio Lower Upper

149 100

91 74.0 59.4 89.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.993 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

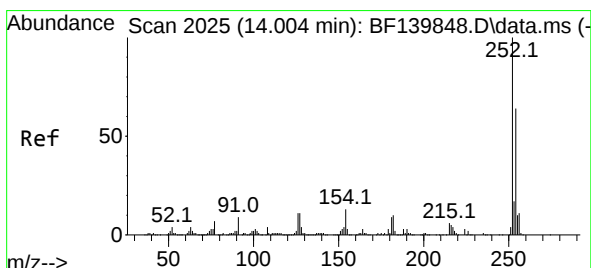
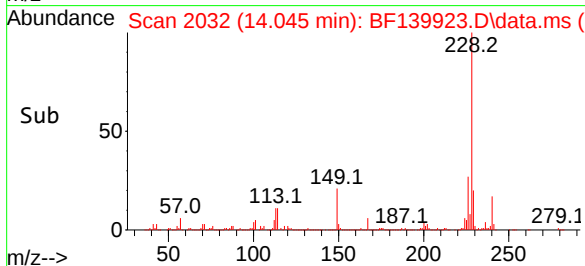
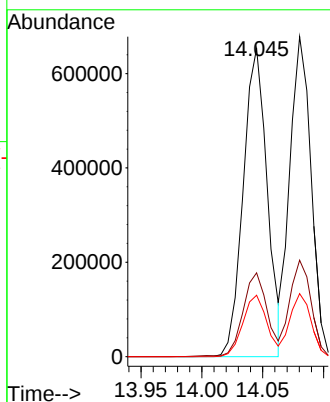
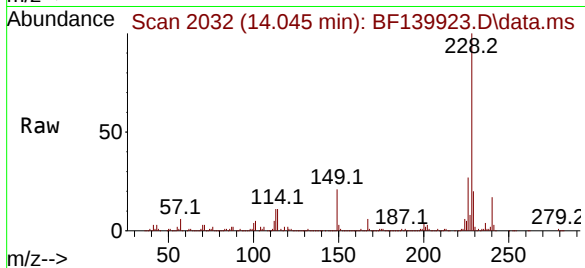
Tgt Ion:228 Resp: 897179

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 31.403 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

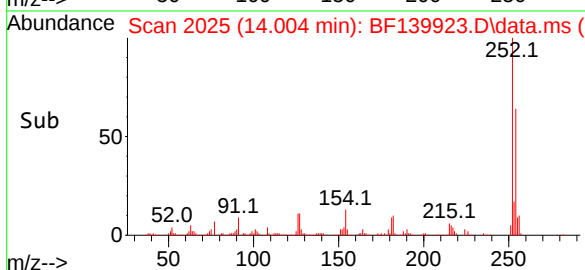
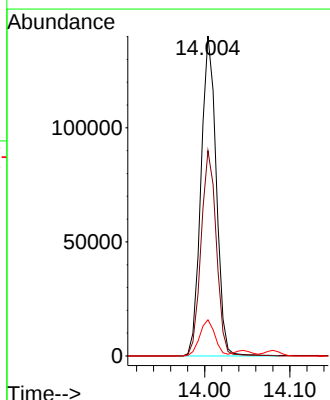
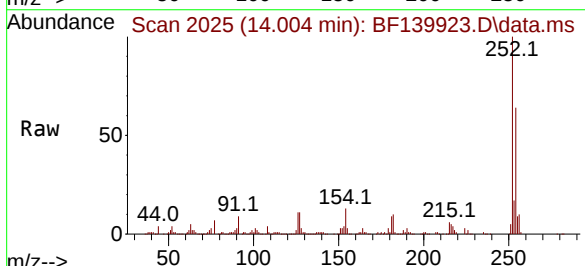
Tgt Ion:252 Resp: 174806

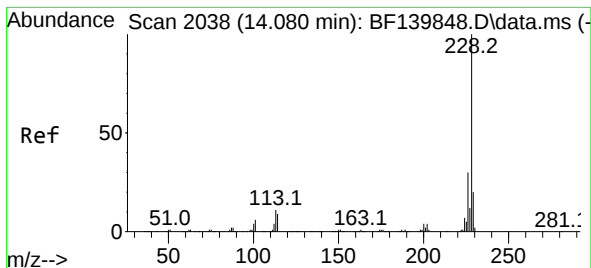
Ion Ratio Lower Upper

252 100

254 64.1 50.8 76.2

126 11.3 8.9 13.3





#83

Chrysene

Concen: 47.132 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

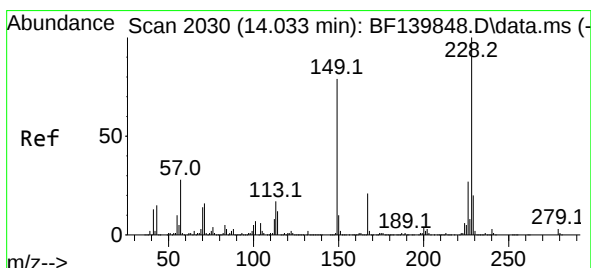
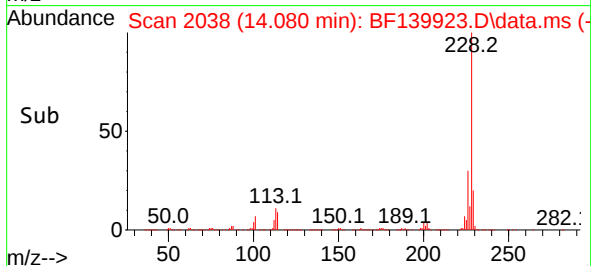
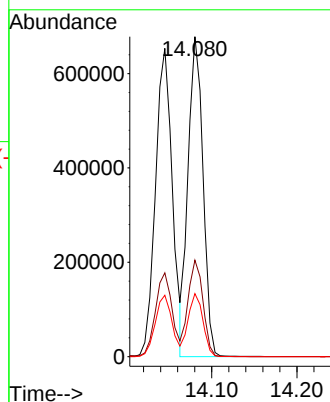
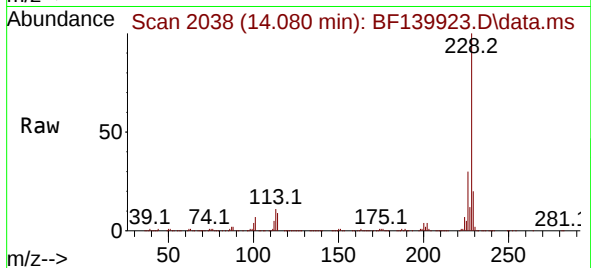
Tgt Ion:228 Resp: 825042

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.652 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

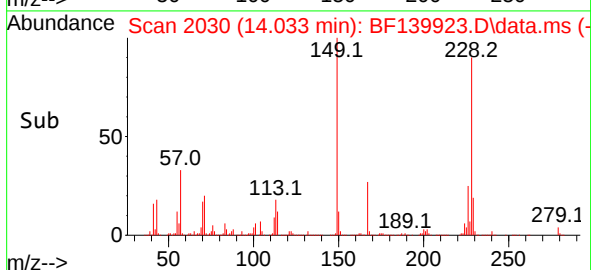
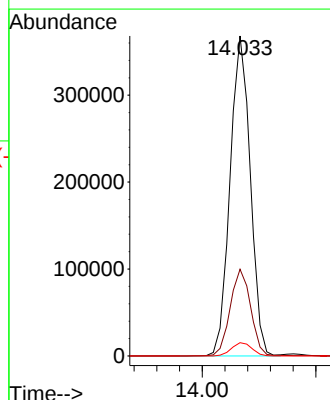
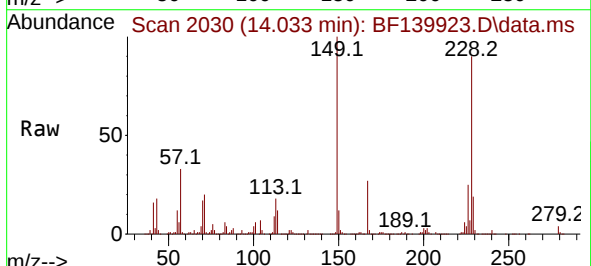
Tgt Ion:149 Resp: 454657

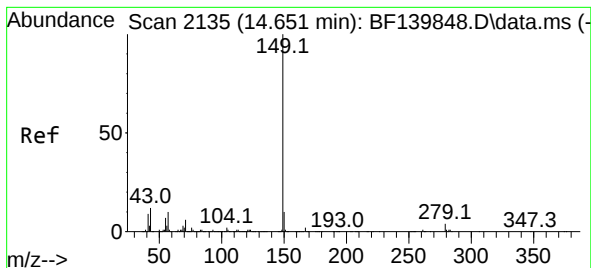
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 53.952 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

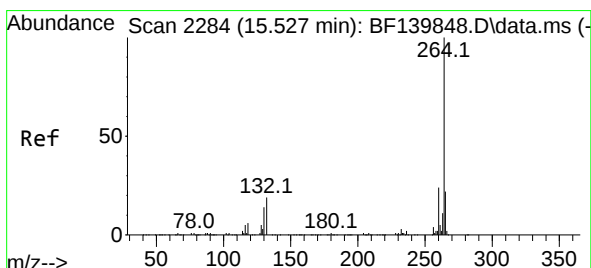
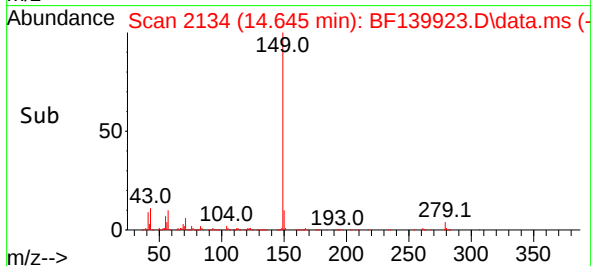
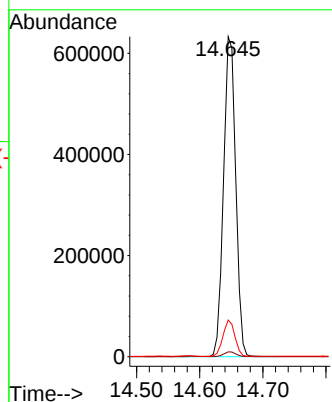
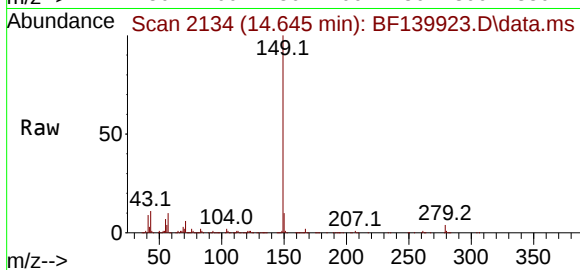
Tgt Ion:149 Resp: 847391

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

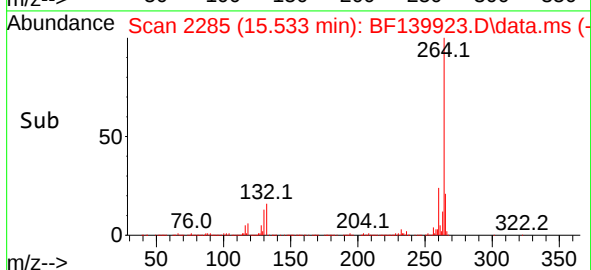
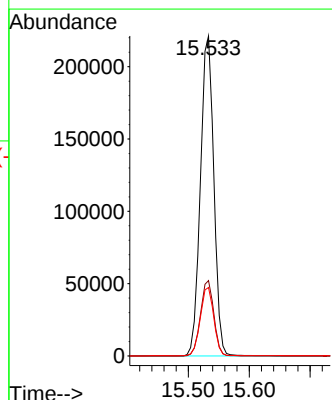
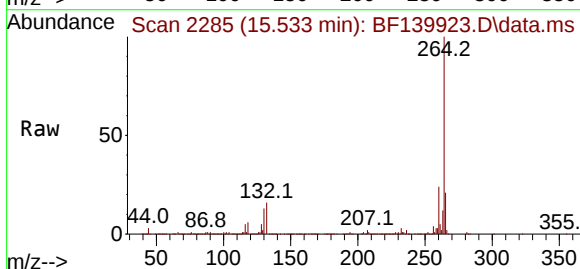
Tgt Ion:264 Resp: 338967

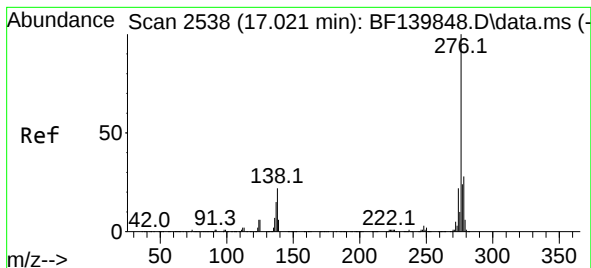
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.286 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

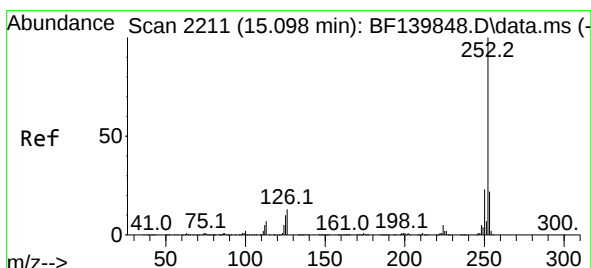
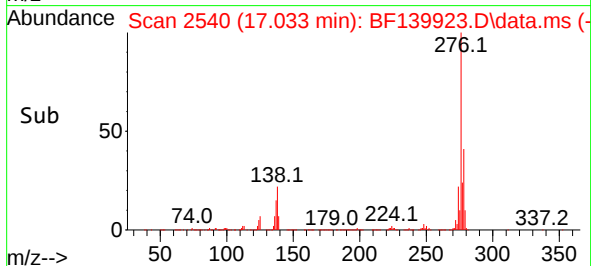
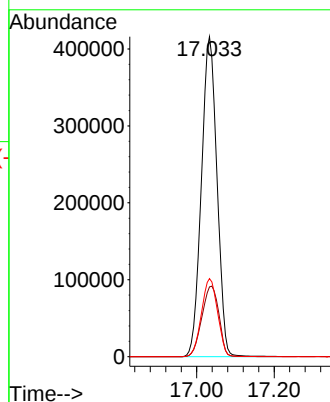
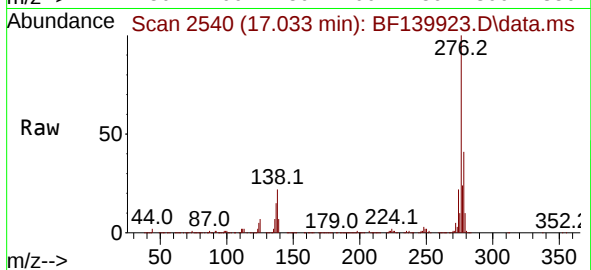
Tgt Ion:276 Resp: 1161987

Ion Ratio Lower Upper

276 100

138 24.0 20.4 30.6

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.771 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

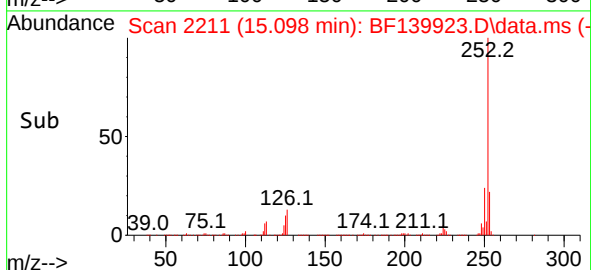
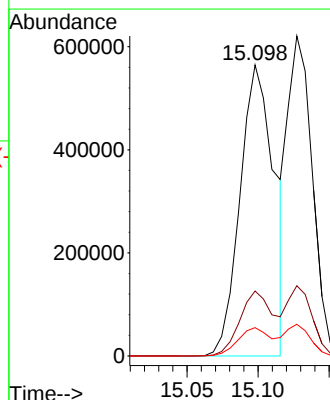
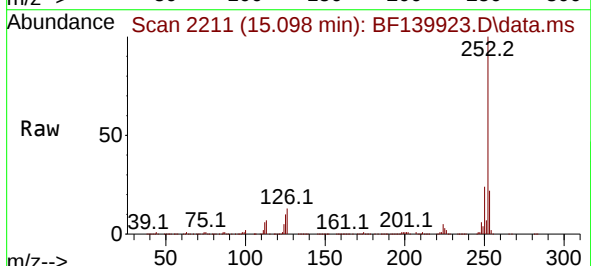
Tgt Ion:252 Resp: 945107

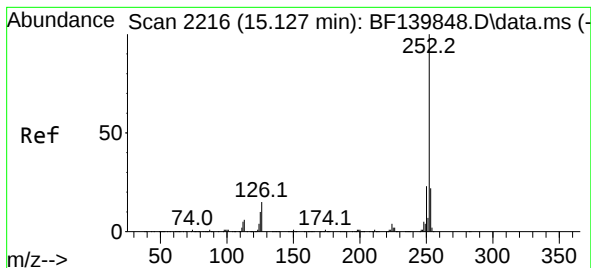
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 42.349 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

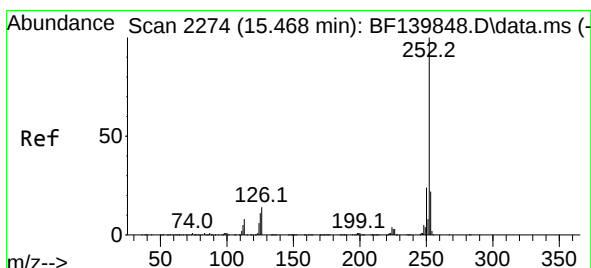
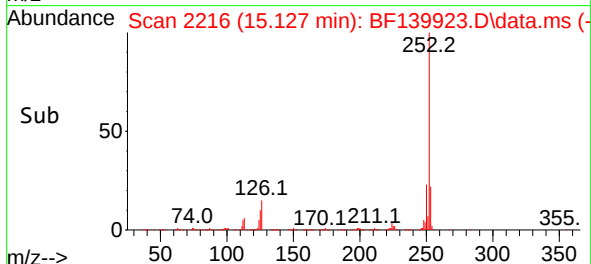
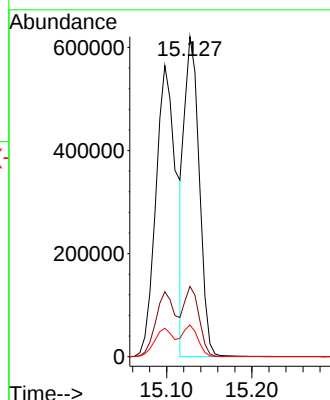
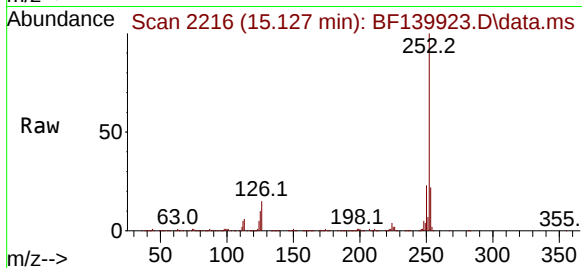
Tgt Ion:252 Resp: 754131

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.9 7.9 11.9



#90

Benzo(a)pyrene

Concen: 50.382 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

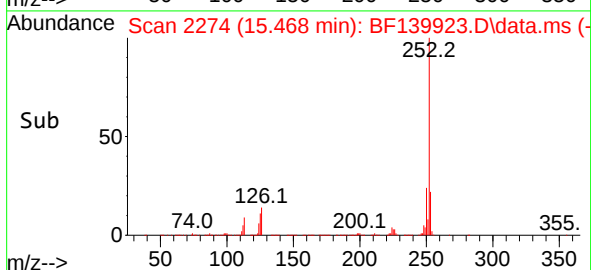
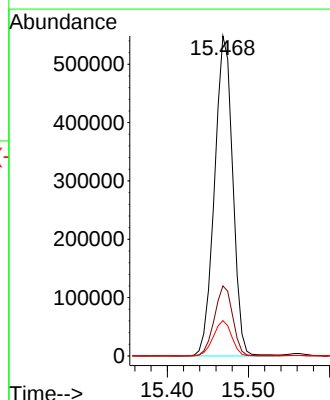
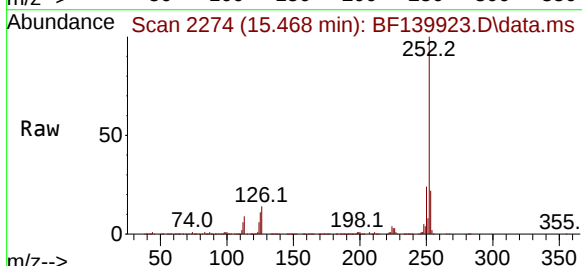
Tgt Ion:252 Resp: 855994

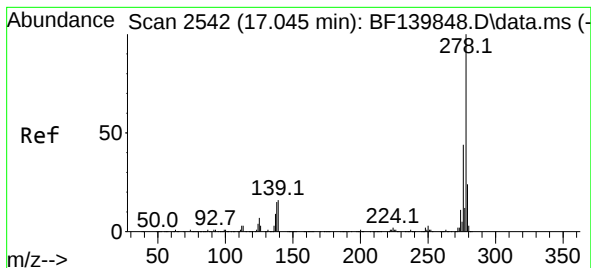
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 52.180 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB164176BS

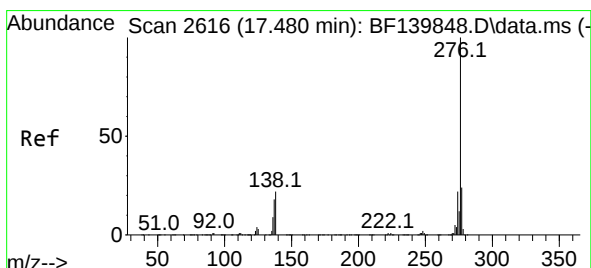
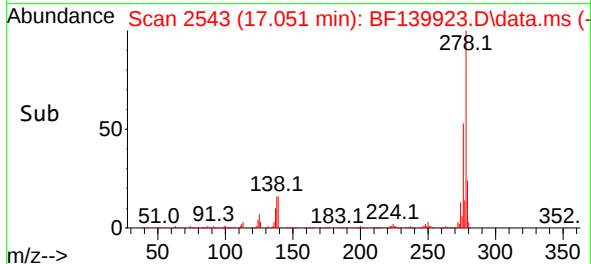
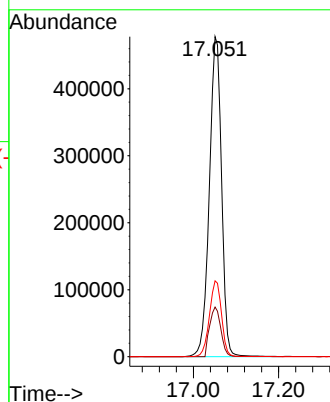
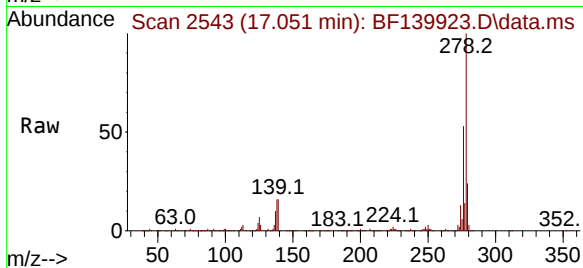
Tgt Ion:278 Resp: 949245

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 49.184 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF139923.D

Acq: 22 Oct 2024 12:32

Tgt Ion:276 Resp: 893724

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 21.2 17.4 26.0

