

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139286.D
 Acq On : 09 Sep 2024 16:48
 Operator : RC/JU
 Sample : P3888-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-W-02MSD

Quant Time: Sep 09 17:18:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	115800	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	423123	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	223279	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	361322	20.000	ng	0.00
76) Chrysene-d12	14.057	240	196353	20.000	ng	0.00
86) Perylene-d12	15.527	264	182619	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	748277	108.097	ng	0.01
7) Phenol-d6	6.516	99	1013203	109.641	ng	0.00
23) Nitrobenzene-d5	7.451	82	647830	79.650	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	217692	112.908	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1107669	76.579	ng	0.00
79) Terphenyl-d14	12.998	244	787608	64.764	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	129074	40.040	ng	99
3) Pyridine	3.493	79	331233	42.568	ng	99
4) n-Nitrosodimethylamine	3.457	42	236030	46.711	ng	100
6) Aniline	6.551	93	405984	47.775	ng	99
8) 2-Chlorophenol	6.675	128	361401	50.376	ng	96
9) Benzaldehyde	6.440	77	91898	16.429	ng	99
10) Phenol	6.534	94	474040	48.632	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	342260	49.012	ng	98
12) 1,3-Dichlorobenzene	6.828	146	377581	46.499	ng	99
13) 1,4-Dichlorobenzene	6.904	146	381610	46.952	ng	99
14) 1,2-Dichlorobenzene	7.057	146	364738	48.117	ng	99
15) Benzyl Alcohol	7.028	79	343788	51.013	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	673903	50.693	ng	98
17) 2-Methylphenol	7.140	107	287988	49.143	ng	98
18) Hexachloroethane	7.404	117	139393	48.020	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	271457	51.004	ng	99
20) 3+4-Methylphenols	7.292	107	363534	49.222	ng	96
22) Acetophenone	7.298	105	490251	48.635	ng	99
24) Nitrobenzene	7.469	77	409781	47.468	ng	99
25) Isophorone	7.710	82	723427	52.025	ng	100
26) 2-Nitrophenol	7.787	139	186162	54.905	ng	100
27) 2,4-Dimethylphenol	7.822	122	292553	60.500	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	422304	50.974	ng	99
29) 2,4-Dichlorophenol	8.028	162	292588	50.535	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	312760	47.298	ng	99
31) Naphthalene	8.192	128	1037747	48.431	ng	100
32) Benzoic acid	7.928	122	166581	37.820	ng	100
33) 4-Chloroaniline	8.239	127	194292	26.187	ng	98
34) Hexachlorobutadiene	8.310	225	202879	48.418	ng	100
35) Caprolactam	8.610	113	84472	47.127	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	312804	49.578	ng	98
37) 2-Methylnaphthalene	8.886	142	671767	50.109	ng	99
38) 1-Methylnaphthalene	8.986	142	619419	46.979	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	312707	49.501	ng	98
41) Hexachlorocyclopentadiene	9.039	237	350502	172.645	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	215142	52.052	ng	100

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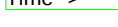
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	218169	50.370	ng	99
46) 1,1'-Biphenyl	9.351	154	825216	49.884	ng	100
47) 2-Chloronaphthalene	9.375	162	621406	49.747	ng	100
48) 2-Nitroaniline	9.469	65	221593	51.503	ng	99
49) Acenaphthylene	9.792	152	1001900	53.254	ng	100
50) Dimethylphthalate	9.651	163	724898	53.565	ng	99
51) 2,6-Dinitrotoluene	9.710	165	156799	51.073	ng	99
52) Acenaphthene	9.963	154	674268	54.035	ng	98
53) 3-Nitroaniline	9.881	138	117495	35.920	ng	100
54) 2,4-Dinitrophenol	9.986	184	135778	83.996	ng	# 66
55) Dibenzofuran	10.133	168	899792	50.295	ng	99
56) 4-Nitrophenol	10.039	139	204707	84.789	ng	98
57) 2,4-Dinitrotoluene	10.116	165	199173	50.970	ng	97
58) Fluorene	10.475	166	676859	48.798	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	175125	51.365	ng	99
60) Diethylphthalate	10.351	149	725793	54.498	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	336325	50.279	ng	99
62) 4-Nitroaniline	10.492	138	138098	44.352	ng	99
63) Azobenzene	10.628	77	763785	54.414	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	90712	54.334	ng	91
66) n-Nitrosodiphenylamine	10.586	169	590711	56.164	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	196166	55.956	ng	97
68) Hexachlorobenzene	11.022	284	212931	53.057	ng	99
69) Atrazine	11.116	200	177525	73.160	ng	99
70) Pentachlorophenol	11.216	266	223482	96.402	ng	98
71) Phenanthrene	11.439	178	862310	51.086	ng	100
72) Anthracene	11.492	178	882297	53.509	ng	99
73) Carbazole	11.645	167	717412	46.552	ng	100
74) Di-n-butylphthalate	11.975	149	994441	63.021	ng	100
75) Fluoranthene	12.627	202	788069	46.570	ng	100
77) Benzidine	12.745	184	269665	68.207	ng	99
78) Pyrene	12.857	202	798621	42.104	ng	100
80) Butylbenzylphthalate	13.474	149	298204	66.784	ng	99
81) Benzo(a)anthracene	14.045	228	654272	52.183	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	157840	47.403	ng	98
83) Chrysene	14.080	228	598662	51.159	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	380330	72.569	ng	99
85) Di-n-octyl phthalate	14.651	149	647081	64.488	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	451384	39.566	ng	98
88) Benzo(b)fluoranthene	15.098	252	574508	54.627	ng	100
89) Benzo(k)fluoranthene	15.127	252	579932	61.500	ng	99
90) Benzo(a)pyrene	15.468	252	505499	56.605	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	364822	38.804	ng	98
92) Benzo(g,h,i)perylene	17.456	276	326157	33.608	ng	98

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

DN-W-02MSD

Response via : Initial Calibration

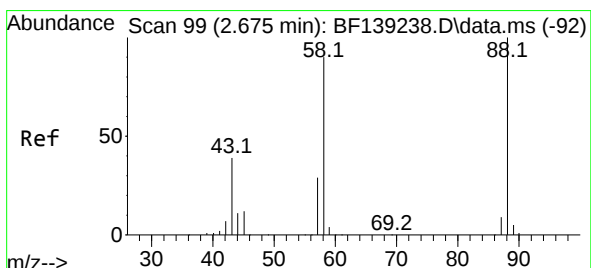
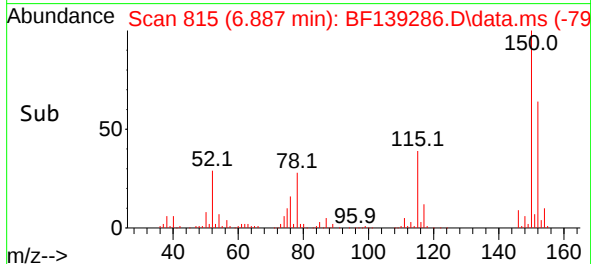
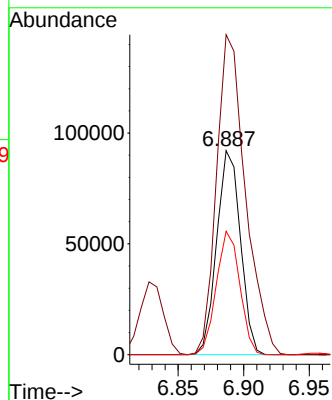
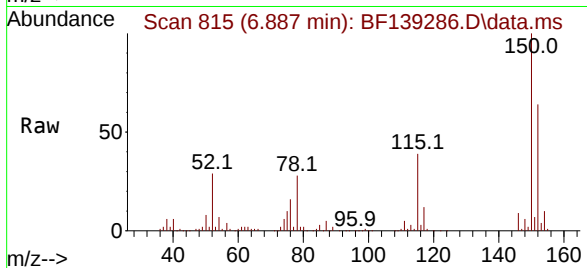




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139286.D
 Acq: 09 Sep 2024 16:48

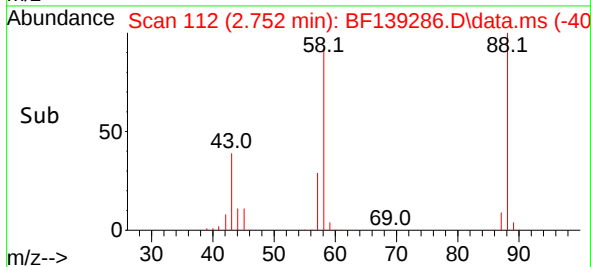
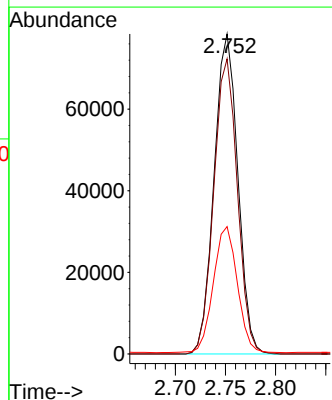
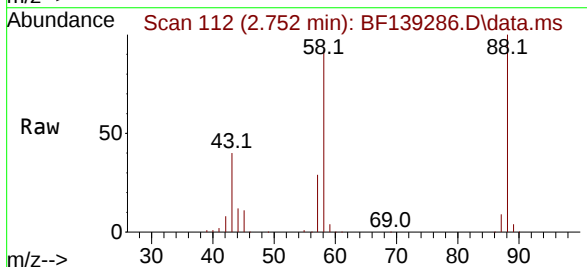
Instrument :
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 DN-W-02MSD

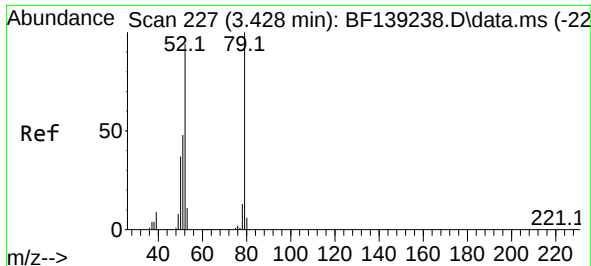
Tgt Ion:152 Resp: 115800
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.0 190.4
 115 60.4 46.9 70.3



#2
 1,4-Dioxane
 Concen: 40.040 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.076 min
 Lab File: BF139286.D
 Acq: 09 Sep 2024 16:48

Tgt Ion: 88 Resp: 129074
 Ion Ratio Lower Upper
 88 100
 58 91.9 72.5 108.7
 43 39.8 31.4 47.2





#3

Pyridine

Concen: 42.568 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

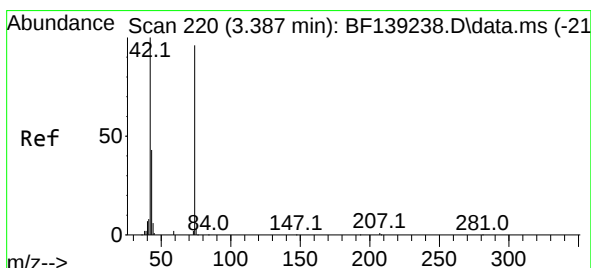
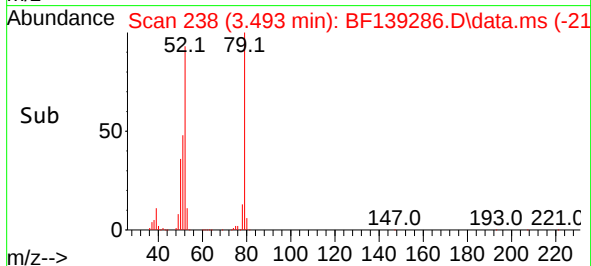
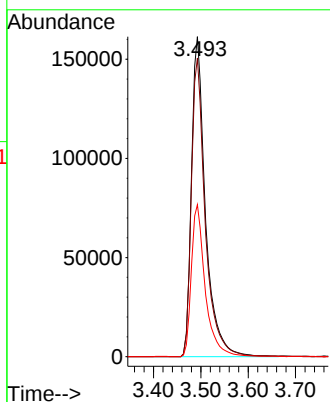
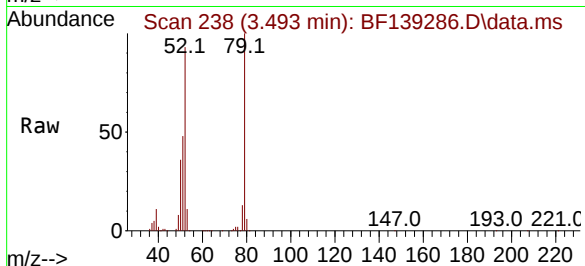
Tgt Ion: 79 Resp: 331233

Ion Ratio Lower Upper

79 100

52 93.3 75.3 112.9

51 47.5 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 46.711 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.070 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

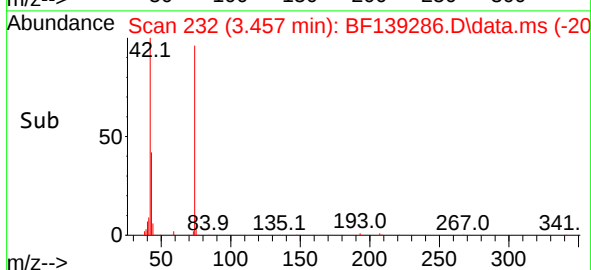
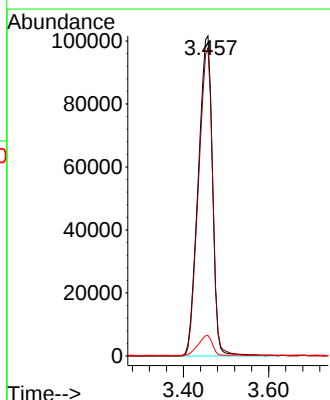
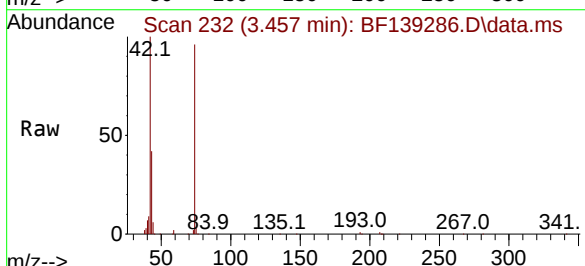
Tgt Ion: 42 Resp: 236030

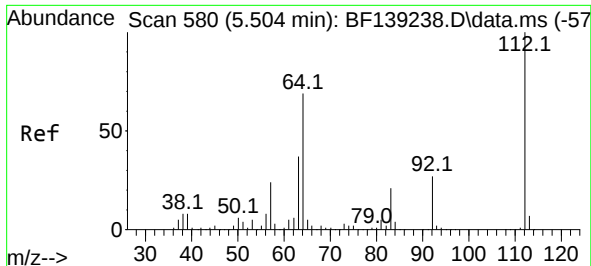
Ion Ratio Lower Upper

42 100

74 96.3 77.2 115.8

44 6.4 5.1 7.7

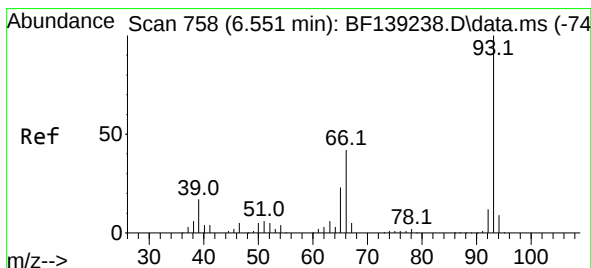
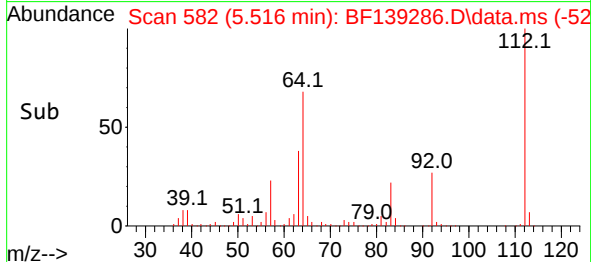
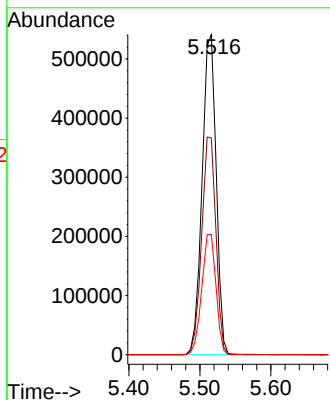
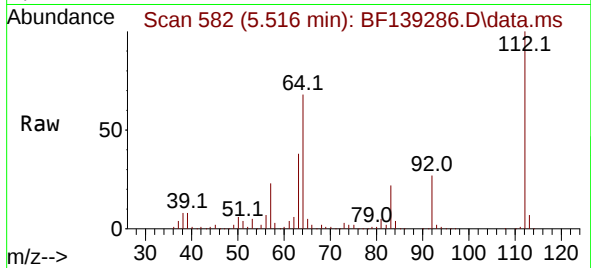




#5
2-Fluorophenol
Concen: 108.097 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

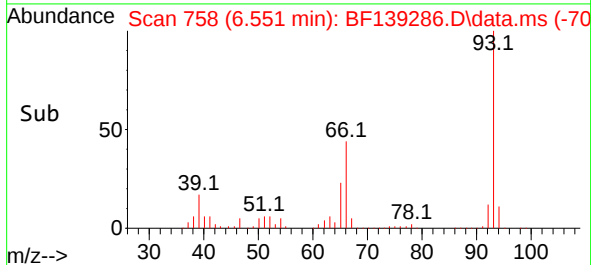
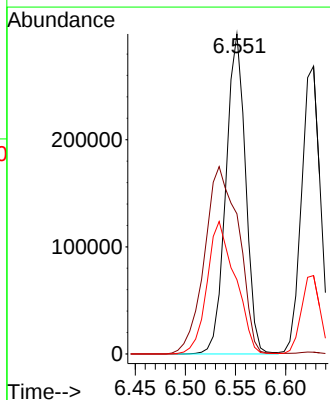
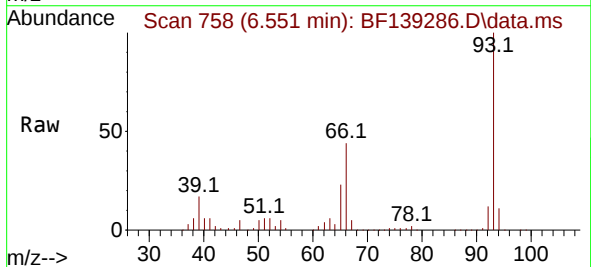
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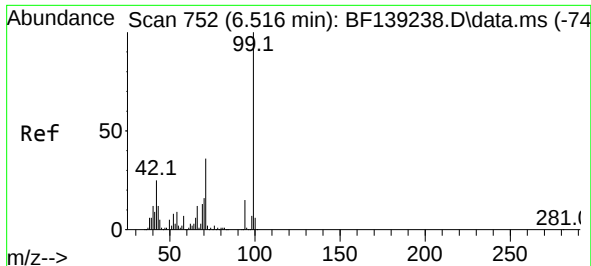
Tgt Ion:112 Resp: 748277
Ion Ratio Lower Upper
112 100
64 67.7 55.0 82.4
63 37.6 29.9 44.9



#6
Aniline
Concen: 47.775 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion: 93 Resp: 405984
Ion Ratio Lower Upper
93 100
66 43.8 34.4 51.6
65 23.2 18.2 27.4

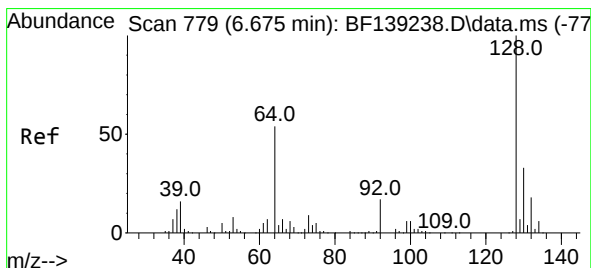
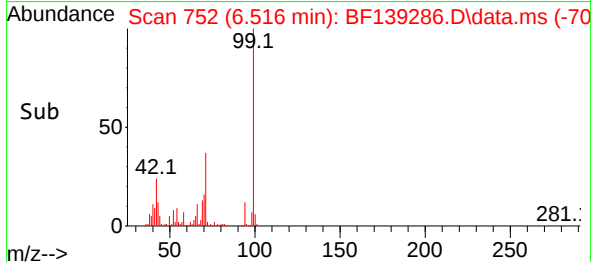
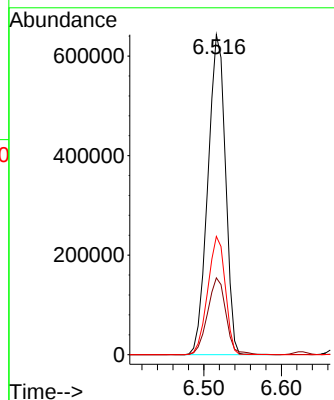
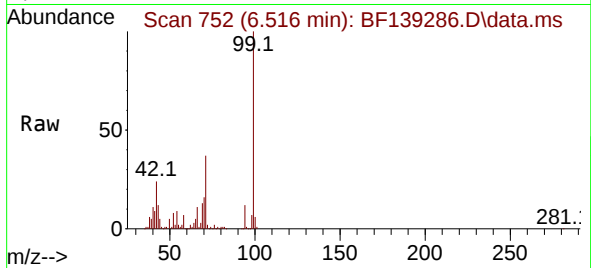




#7
Phenol-d6
Concen: 109.641 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

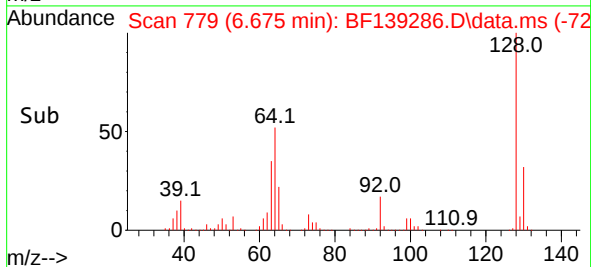
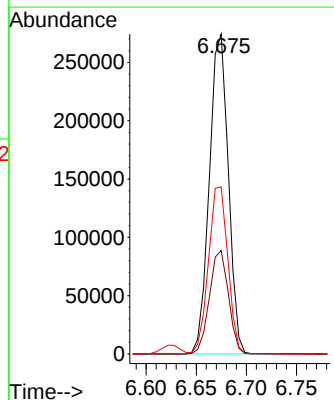
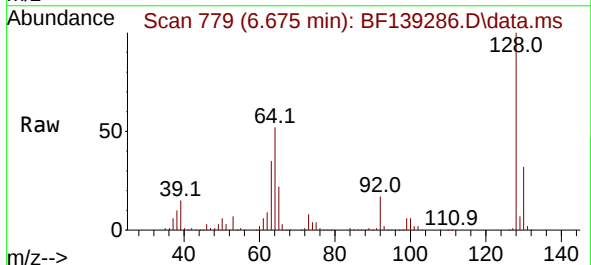
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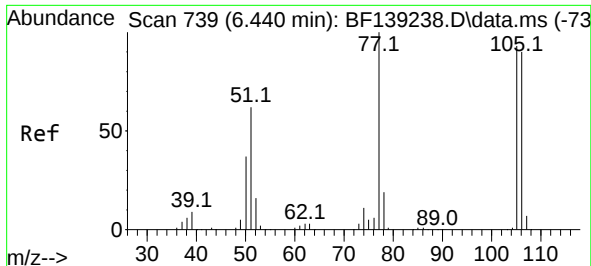
Tgt Ion: 99 Resp: 1013203
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 37.0 28.8 43.2



#8
2-Chlorophenol
Concen: 50.376 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:128 Resp: 361401
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 52.3 36.6 76.6





#9

Benzaldehyde

Concen: 16.429 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

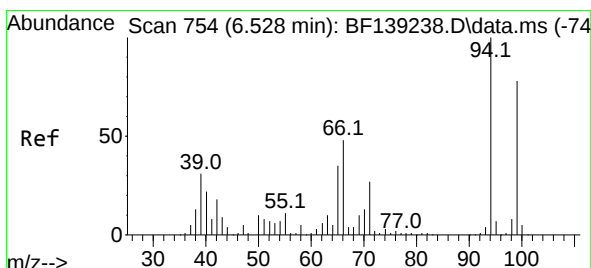
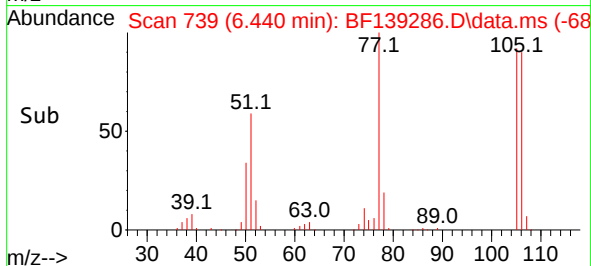
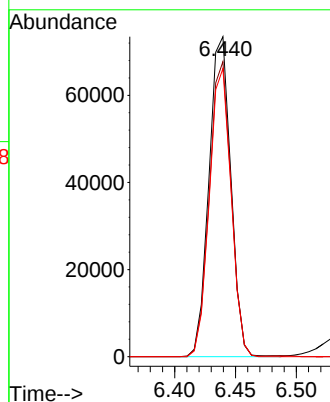
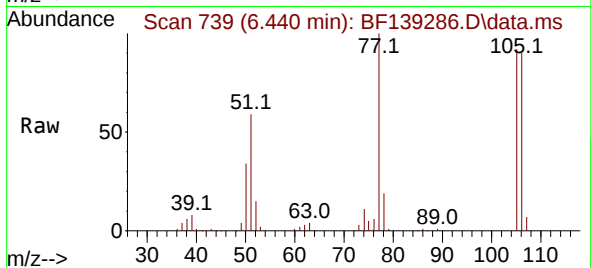
Tgt Ion: 77 Resp: 91898

Ion Ratio Lower Upper

77 100

105 92.2 72.9 112.9

106 90.1 69.6 109.6



#10

Phenol

Concen: 48.632 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

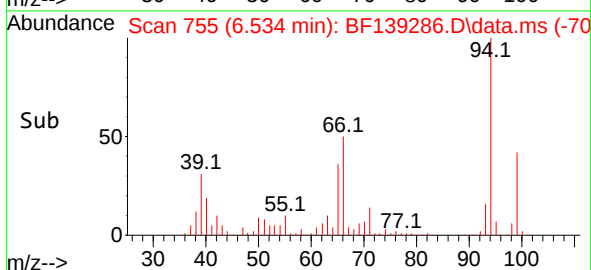
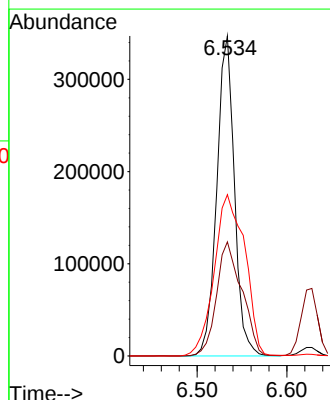
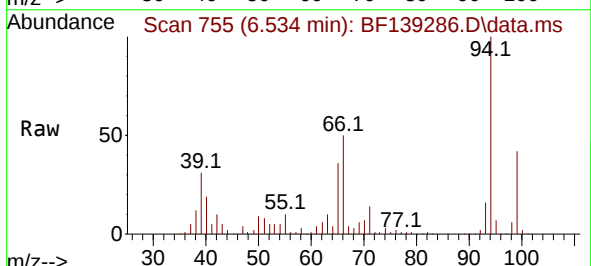
Tgt Ion: 94 Resp: 474040

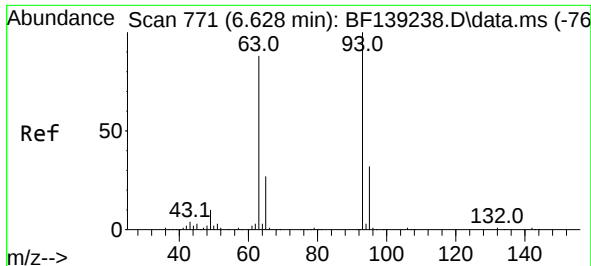
Ion Ratio Lower Upper

94 100

65 35.6 14.7 54.7

66 50.4 28.5 68.5

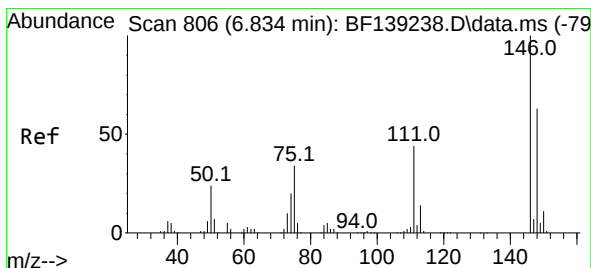
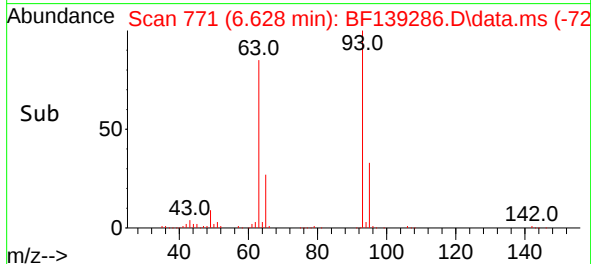
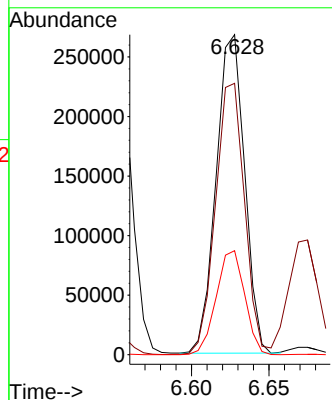
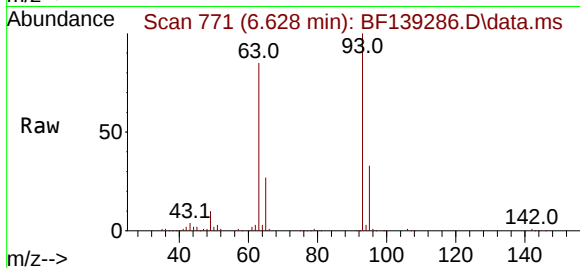




#11
bis(2-Chloroethyl)ether
Concen: 49.012 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

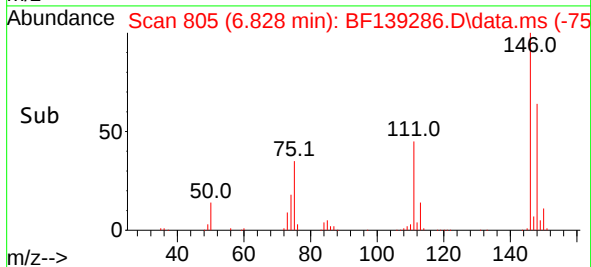
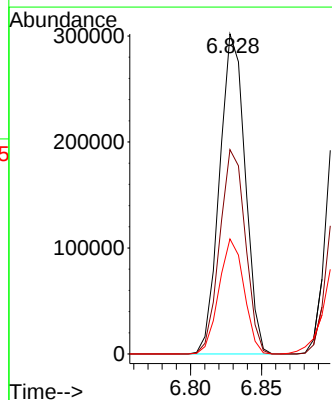
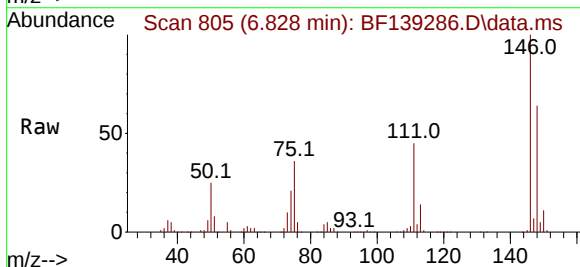
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

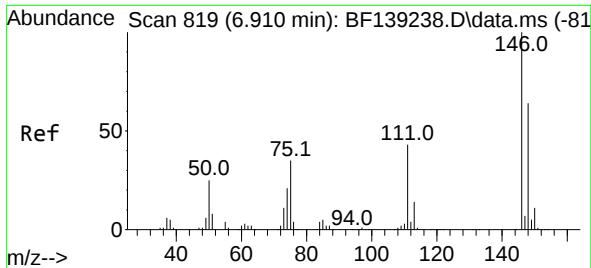
Tgt Ion: 93 Resp: 342260
Ion Ratio Lower Upper
93 100
63 84.8 67.1 107.1
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.499 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:146 Resp: 377581
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
75 36.0 27.3 40.9

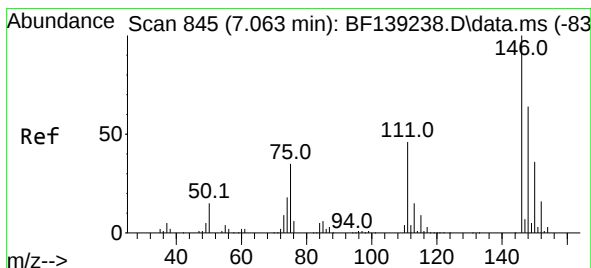
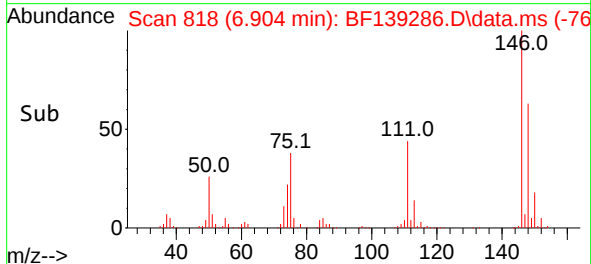
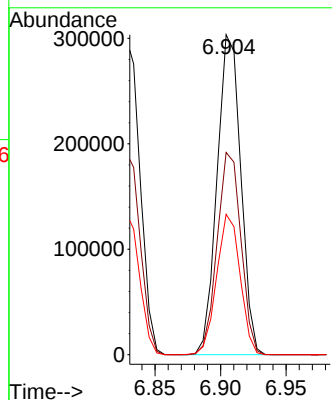
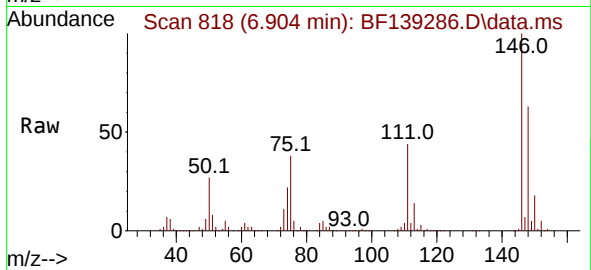




#13
1,4-Dichlorobenzene
Concen: 46.952 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

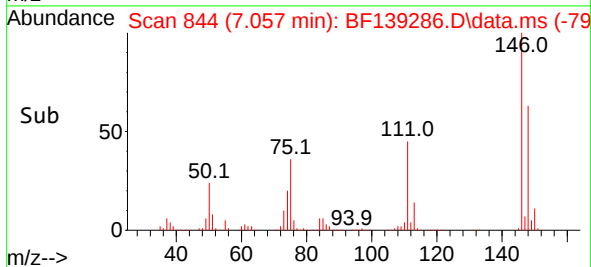
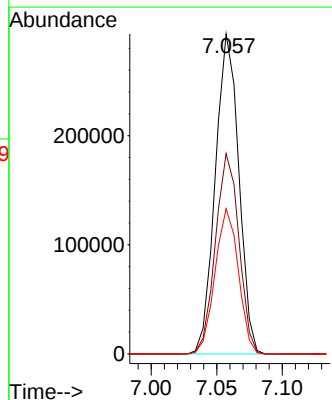
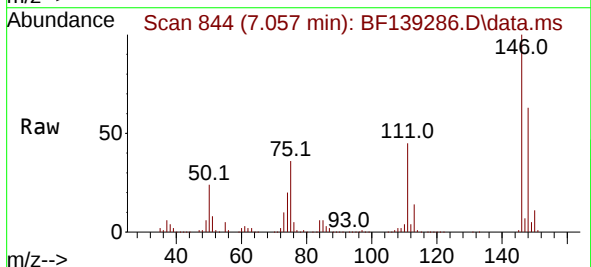
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

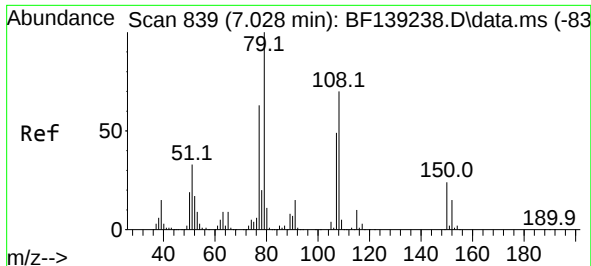
Tgt Ion:146 Resp: 381610
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 43.8 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 48.117 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:146 Resp: 364738
Ion Ratio Lower Upper
146 100
148 62.6 50.9 76.3
111 45.4 36.6 55.0

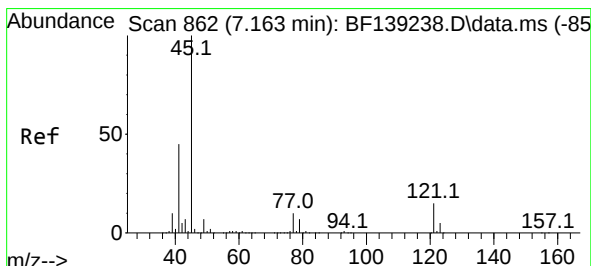
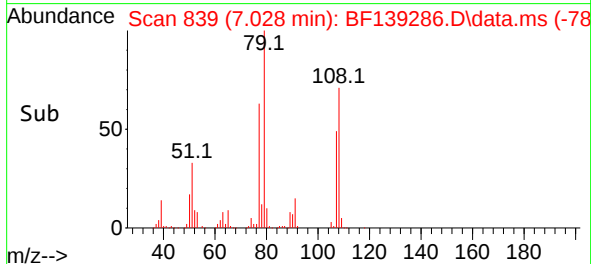
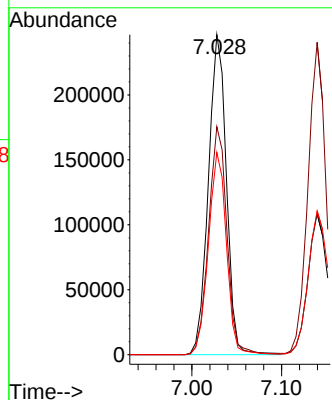
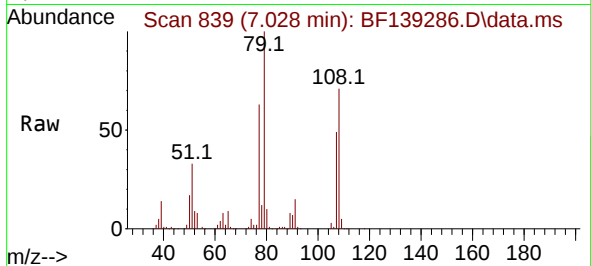




#15
Benzyl Alcohol
Concen: 51.013 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

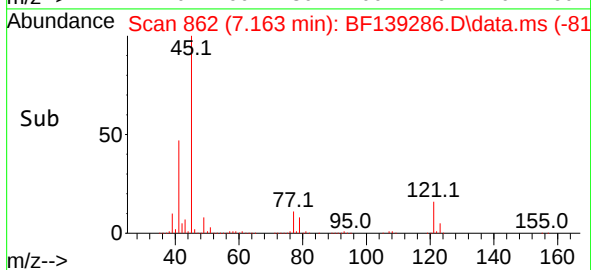
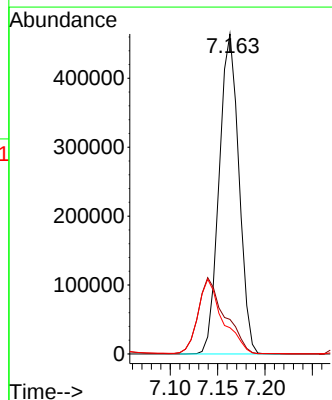
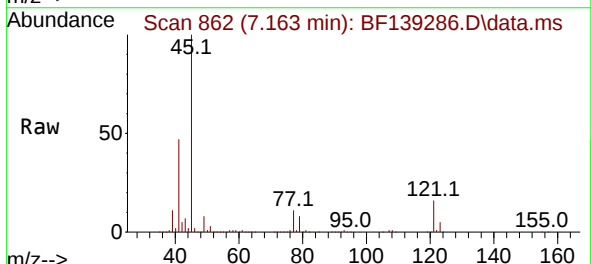
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

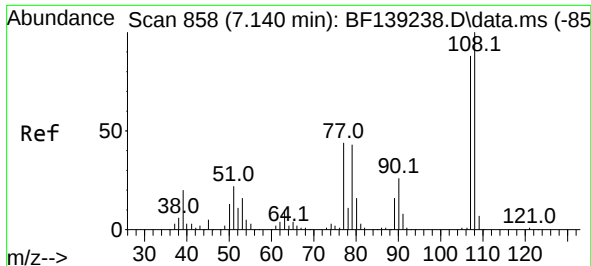
Tgt Ion: 79 Resp: 343788
Ion Ratio Lower Upper
79 100
108 71.3 56.1 84.1
77 63.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.693 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion: 45 Resp: 673903
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.0
79 8.2 0.0 27.6

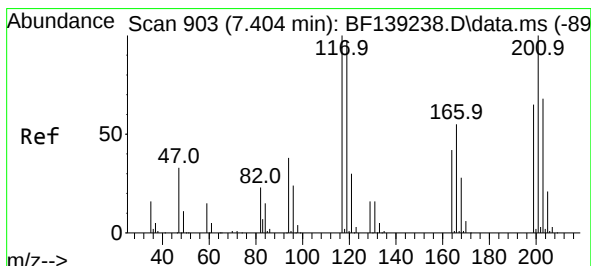
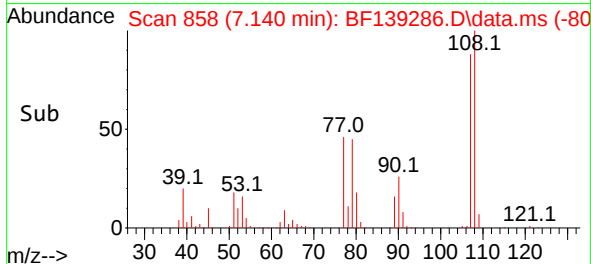
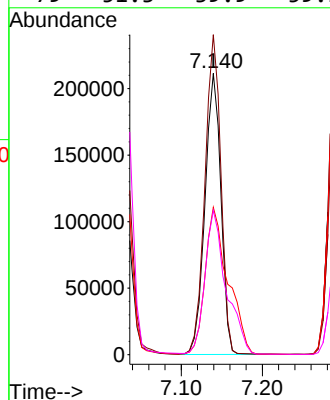
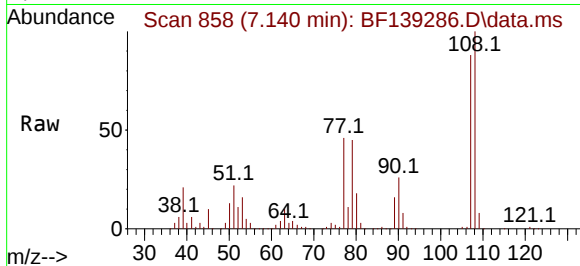




#17
2-Methylphenol
Concen: 49.143 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

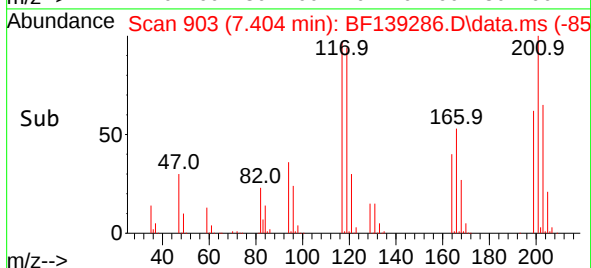
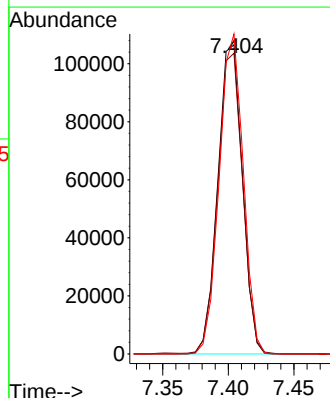
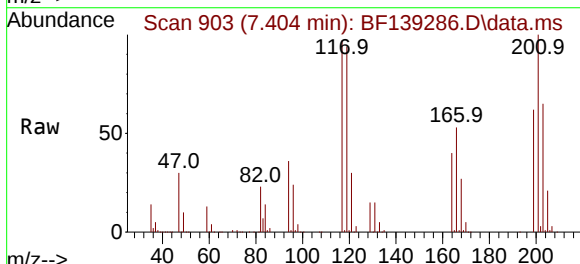
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

Tgt Ion:	107	Resp:	287988
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.4	137.2
77	52.4	40.1	60.1
79	51.3	39.9	59.9



#18
Hexachloroethane
Concen: 48.020 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:	117	Resp:	139393
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.2
201	103.5	80.0	120.0



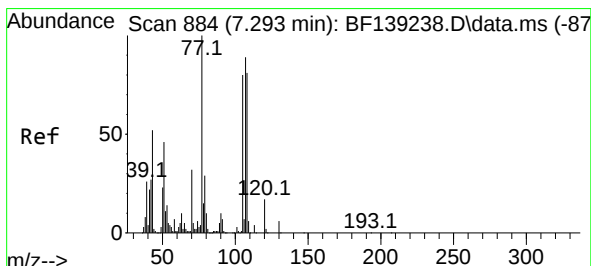
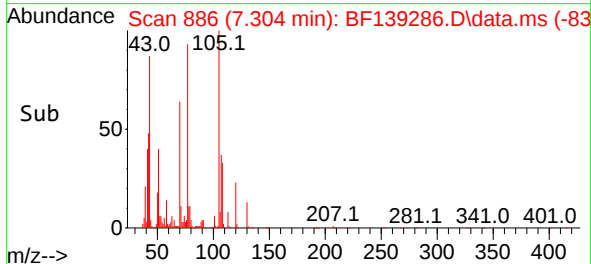
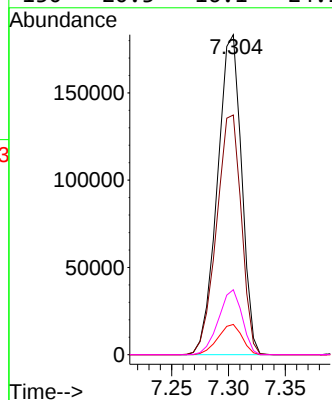
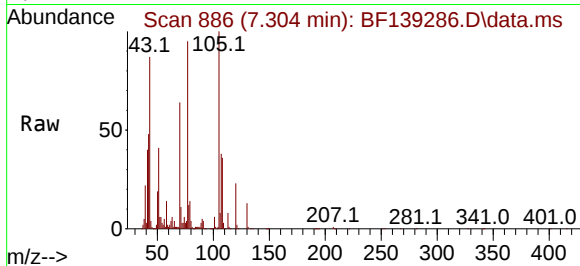


#19
n-Nitroso-di-n-propylamine
Concen: 51.004 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

Tgt Ion: 70 Resp: 271457

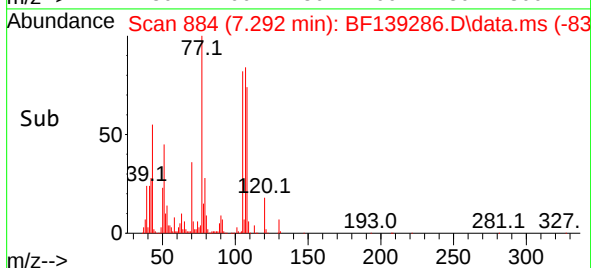
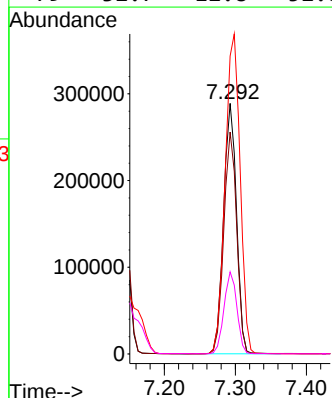
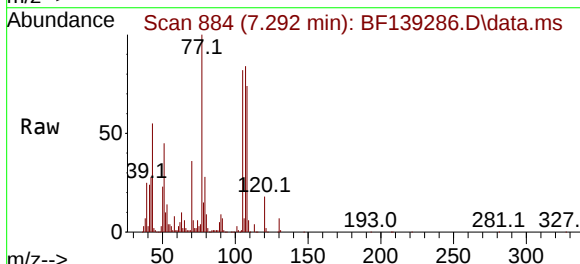
Ion	Ratio	Lower	Upper
70	100		
42	74.9	61.0	91.6
101	9.4	7.2	10.8
130	20.3	16.1	24.1

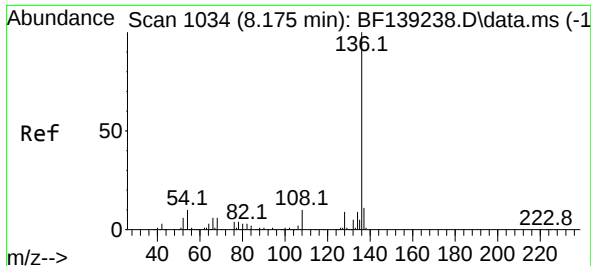


#20
3+4-Methylphenols
Concen: 49.222 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion: 107 Resp: 363534

Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.4	110.4
77	118.9	92.2	132.2
79	32.7	12.8	52.8

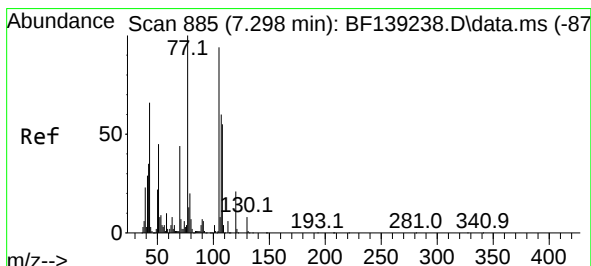
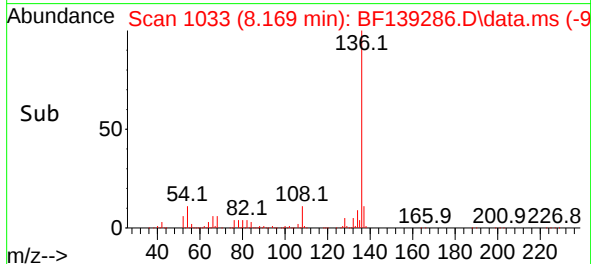
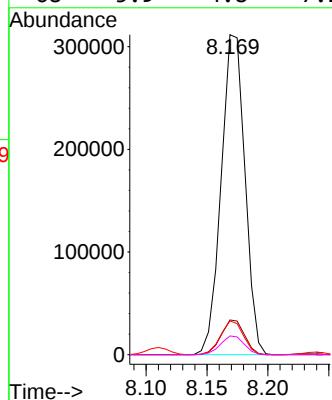
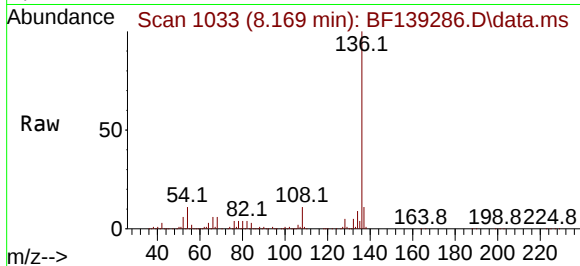




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

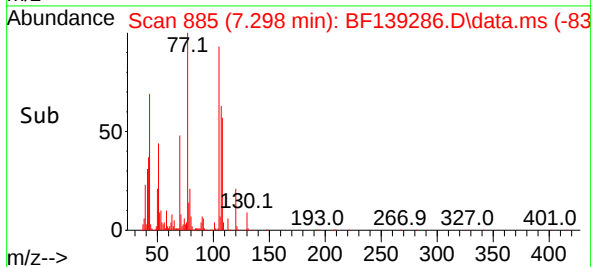
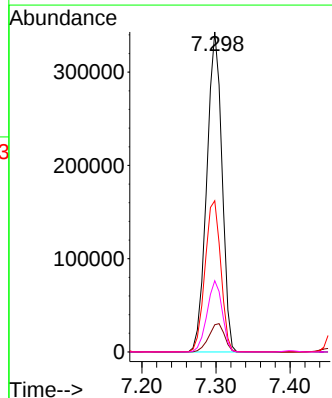
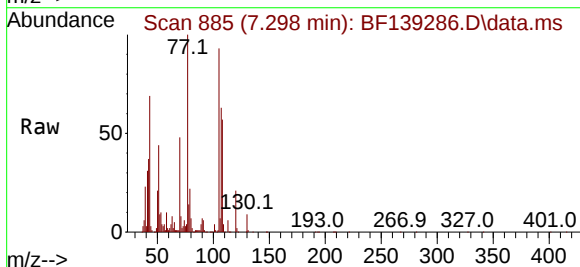
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

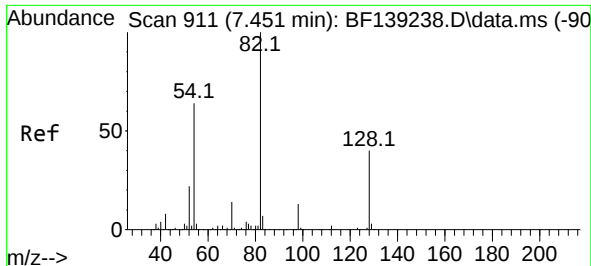
Tgt Ion:	136	Resp:	423123
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.6	8.4	12.6
68	5.9	4.8	7.2



#22
Acetophenone
Concen: 48.635 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:	105	Resp:	490251
Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.2	9.2
51	47.2	38.2	57.2
120	22.3	17.7	26.5





#23

Nitrobenzene-d5

Concen: 79.650 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

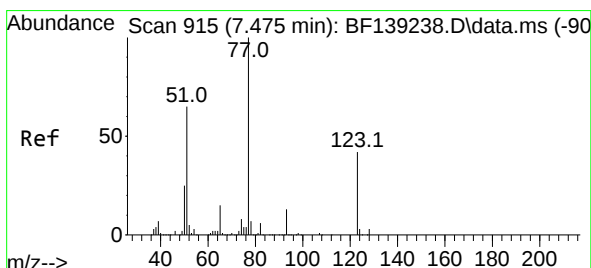
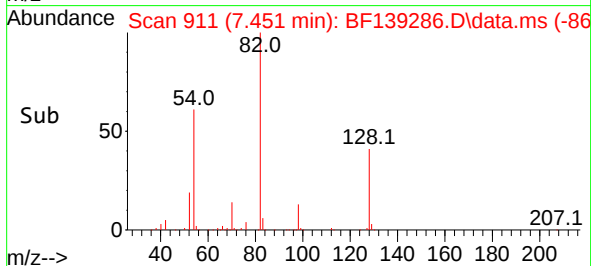
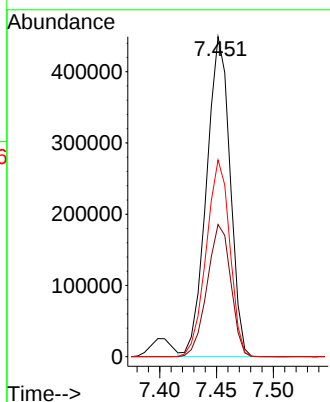
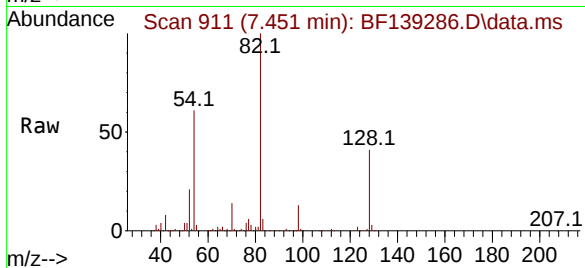
Tgt Ion: 82 Resp: 647830

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 61.5 51.2 76.8



#24

Nitrobenzene

Concen: 47.468 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

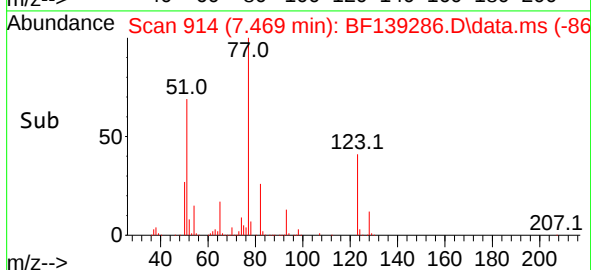
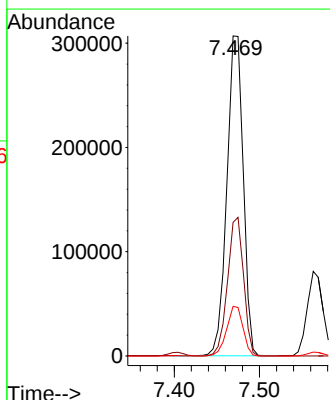
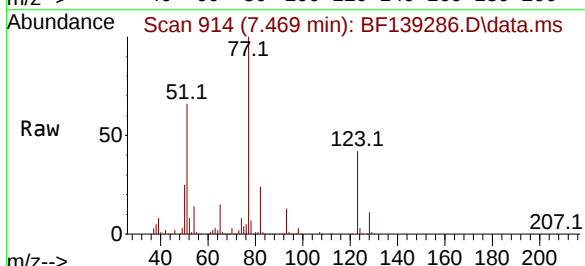
Tgt Ion: 77 Resp: 409781

Ion Ratio Lower Upper

77 100

123 41.8 34.0 51.0

65 15.5 12.1 18.1

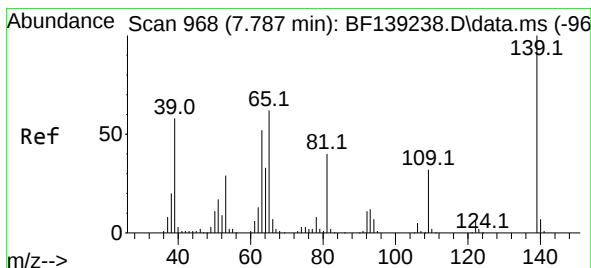
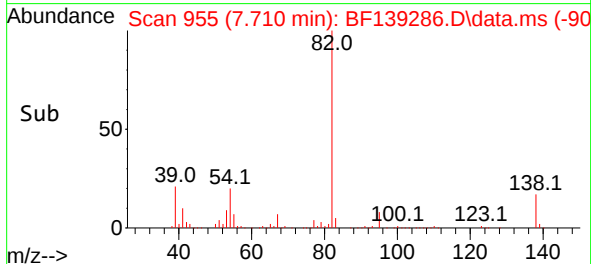
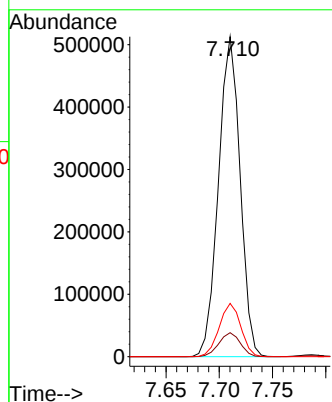
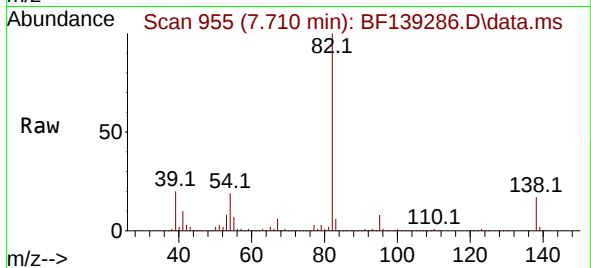




#25
Isophorone
Concen: 52.025 ng
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

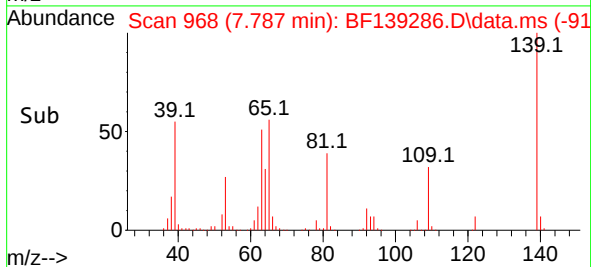
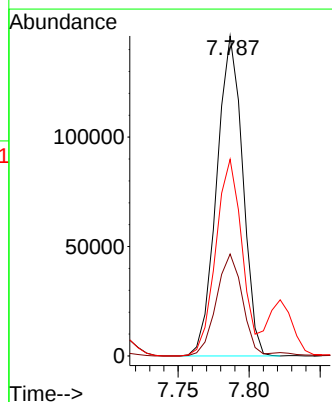
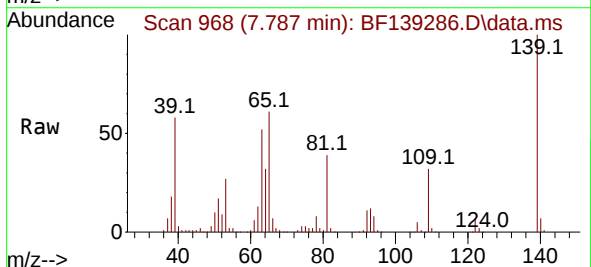
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

Tgt Ion: 82 Resp: 723427
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.7 13.4 20.0



#26
2-Nitrophenol
Concen: 54.905 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:139 Resp: 186162
Ion Ratio Lower Upper
139 100
109 31.8 25.4 38.2
65 61.5 49.4 74.2

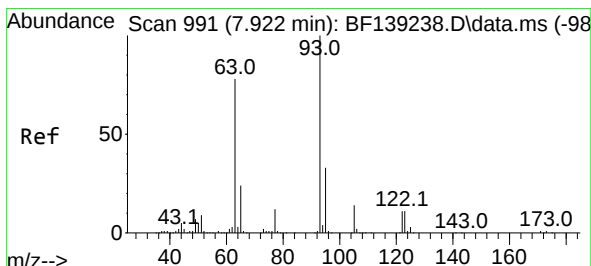
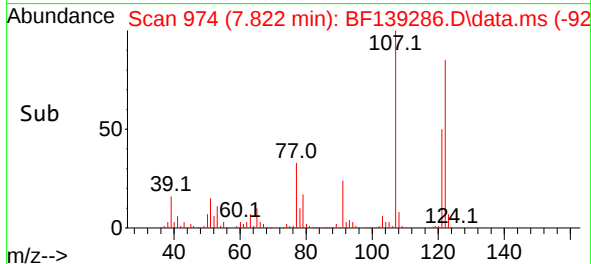
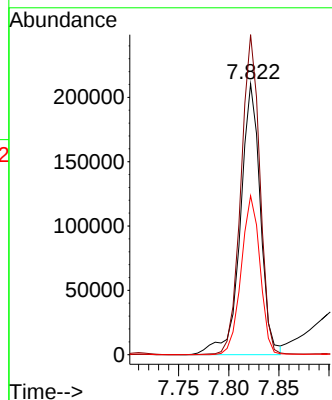
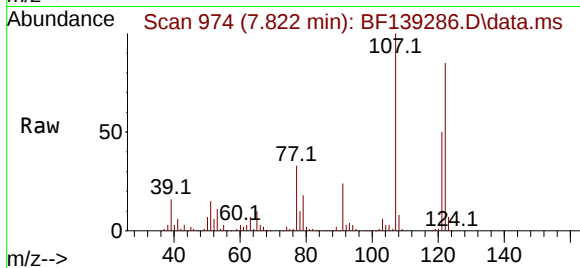




#27
2,4-Dimethylphenol
Concen: 60.500 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

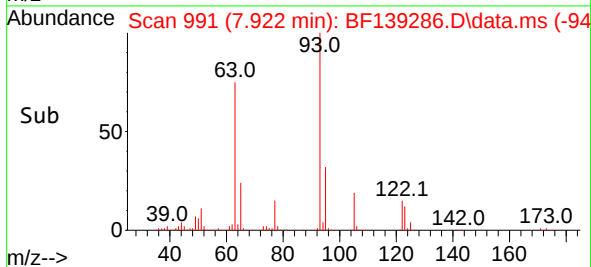
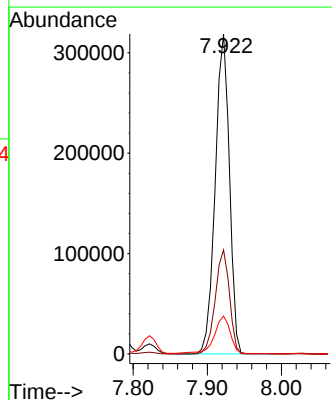
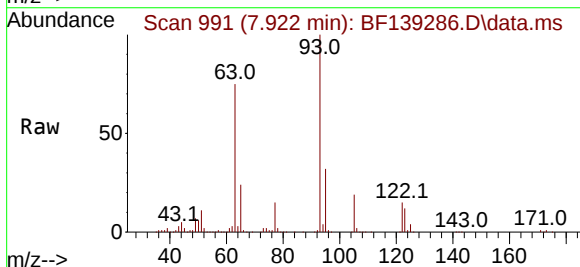
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

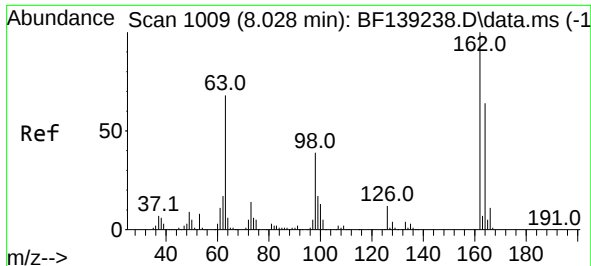
Tgt Ion:122 Resp: 292553
Ion Ratio Lower Upper
122 100
107 118.1 93.4 140.2
121 58.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.974 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion: 93 Resp: 422304
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.535 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

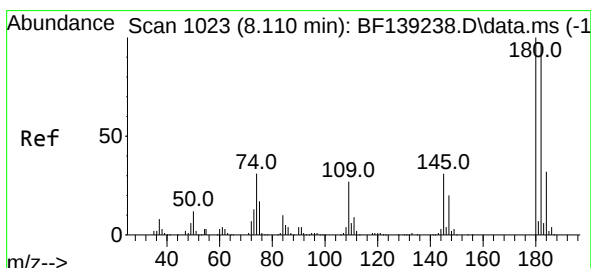
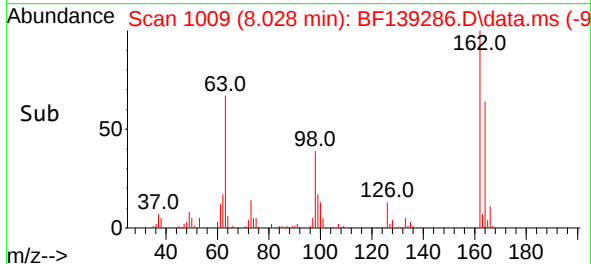
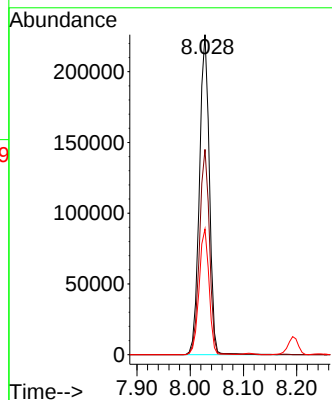
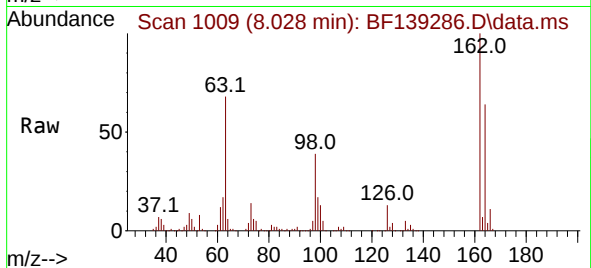
Tgt Ion:162 Resp: 292588

Ion Ratio Lower Upper

162 100

164 64.1 43.6 83.6

98 39.3 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 47.298 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

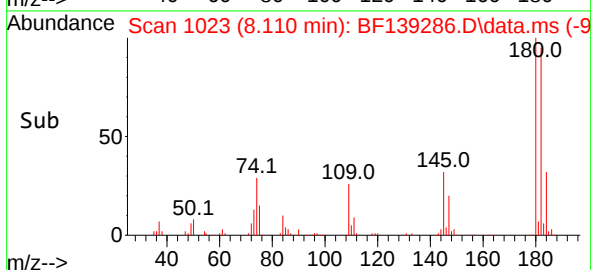
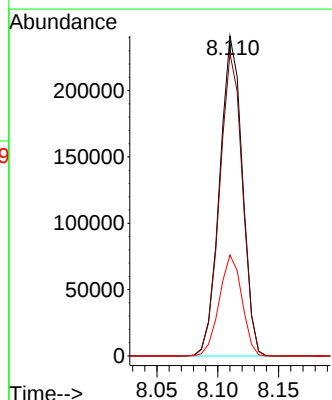
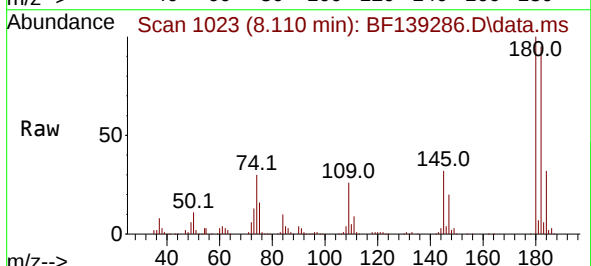
Tgt Ion:180 Resp: 312760

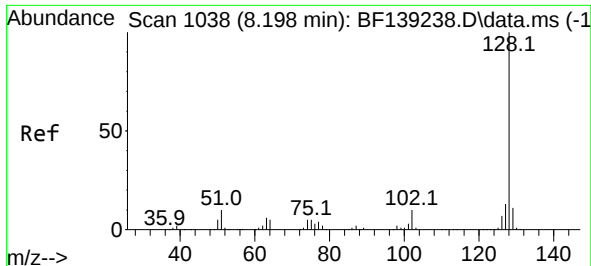
Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 31.6 25.1 37.7

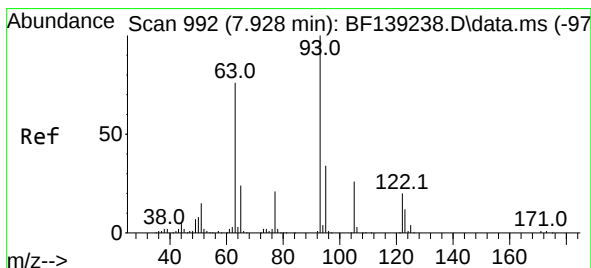
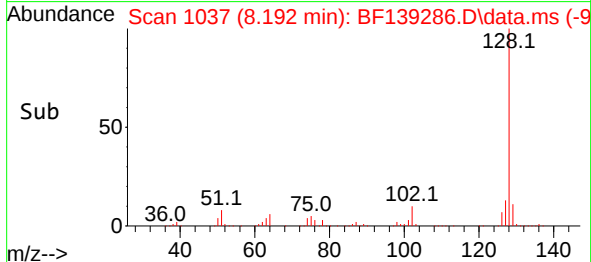
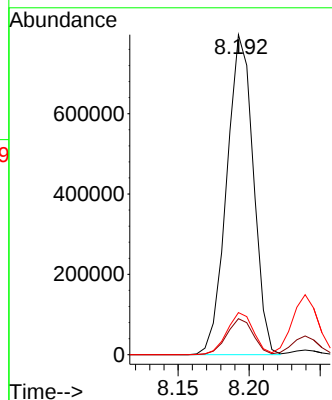
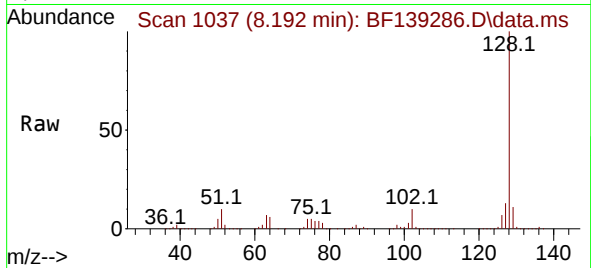




#31
Naphthalene
Concen: 48.431 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

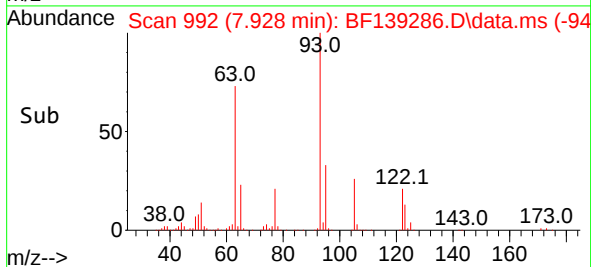
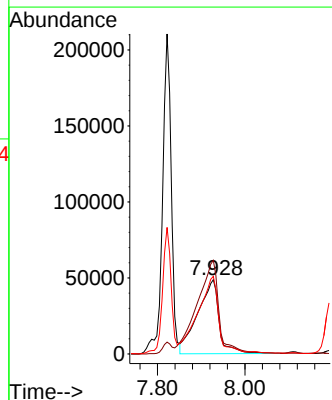
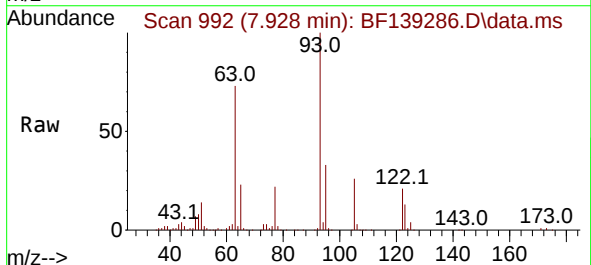
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

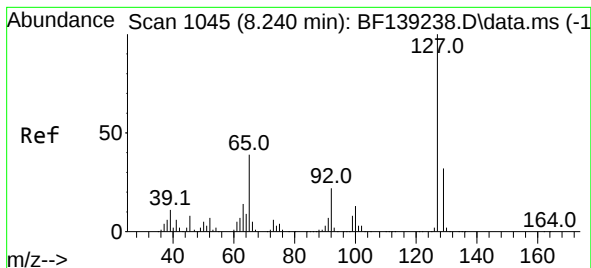
Tgt Ion:128 Resp: 1037747
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 37.820 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:122 Resp: 166581
Ion Ratio Lower Upper
122 100
105 125.9 106.3 146.3
77 104.5 84.1 124.1





#33

4-Chloroaniline

Concen: 26.187 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

Tgt Ion:127 Resp: 194292

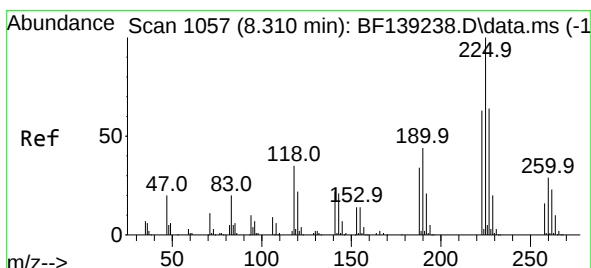
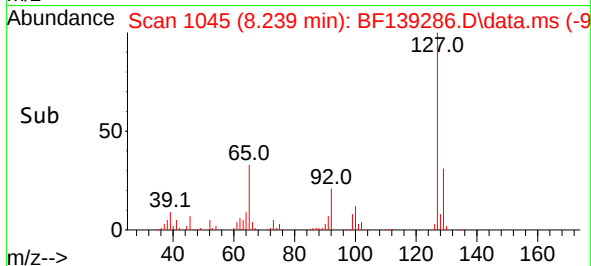
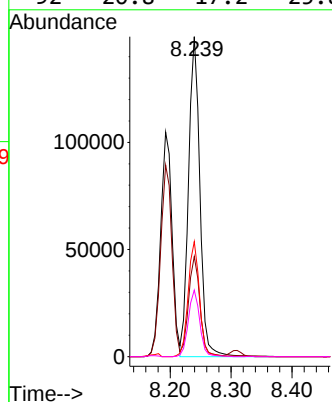
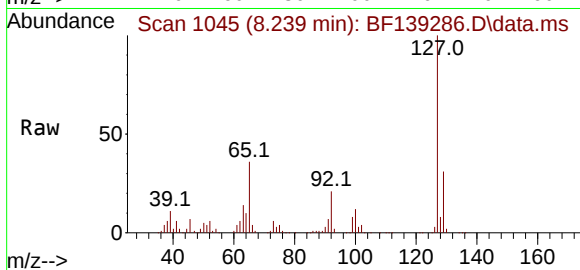
Ion Ratio Lower Upper

127 100

129 31.3 25.8 38.6

65 36.0 30.6 45.8

92 20.8 17.2 25.8



#34

Hexachlorobutadiene

Concen: 48.418 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

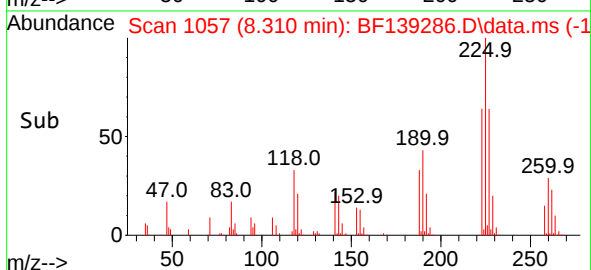
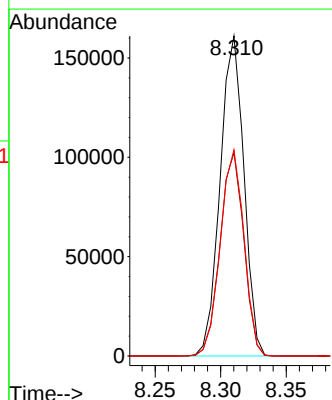
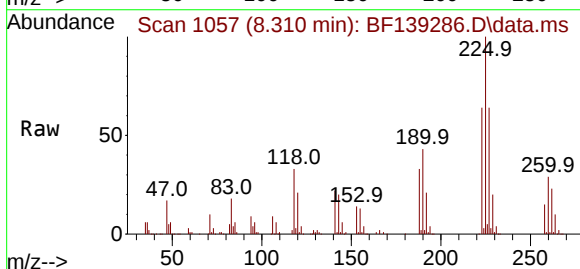
Tgt Ion:225 Resp: 202879

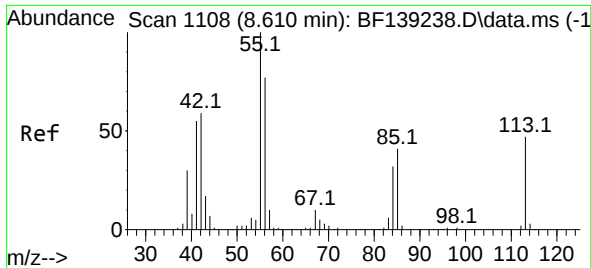
Ion Ratio Lower Upper

225 100

223 63.5 50.7 76.1

227 64.5 51.5 77.3

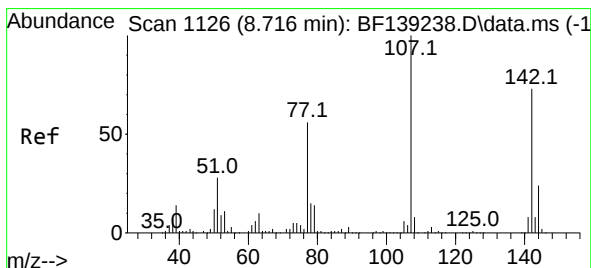
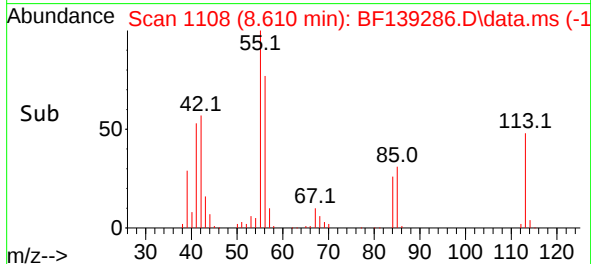
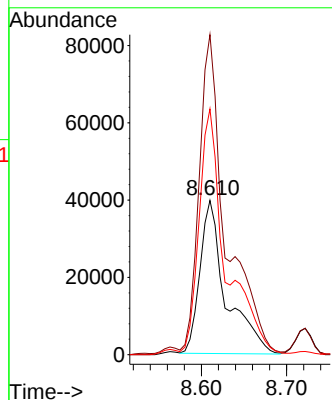
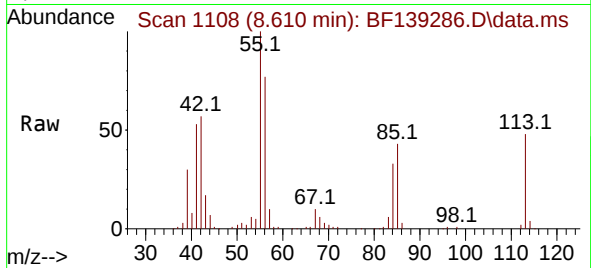




#35
Caprolactam
Concen: 47.127 ng
RT: 8.610 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

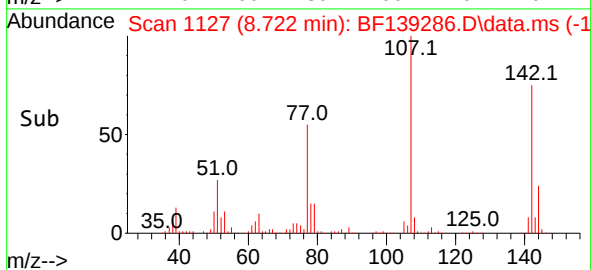
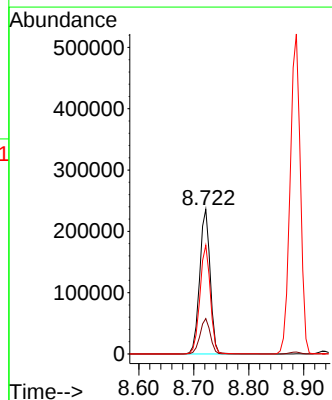
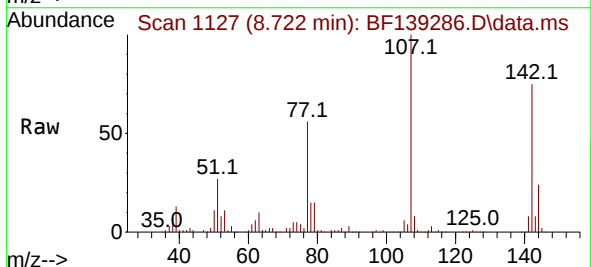
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

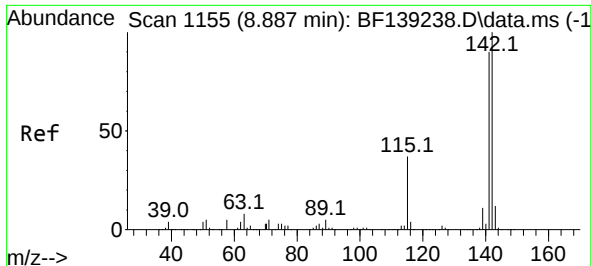
Tgt Ion:113 Resp: 84472
Ion Ratio Lower Upper
113 100
55 207.4 193.7 233.7
56 159.3 145.0 185.0



#36
4-Chloro-3-methylphenol
Concen: 49.578 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:107 Resp: 312804
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 75.2 58.3 87.5





#37

2-Methylnaphthalene

Concen: 50.109 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

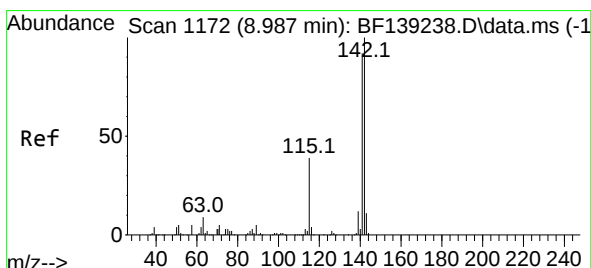
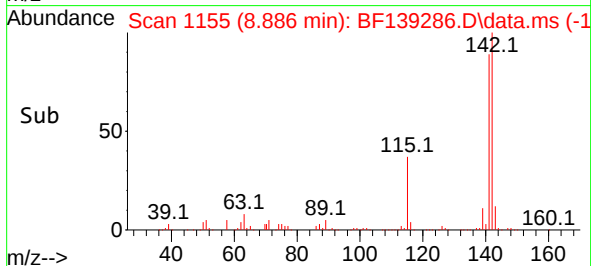
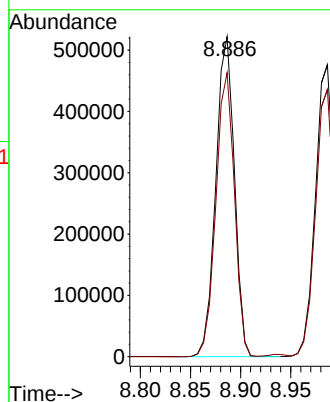
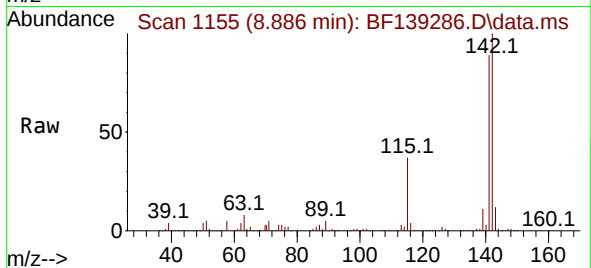
DN-W-02MSD

Tgt Ion:142 Resp: 671767

Ion Ratio Lower Upper

142 100

141 88.8 71.6 107.4



#38

1-Methylnaphthalene

Concen: 46.979 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139286.D

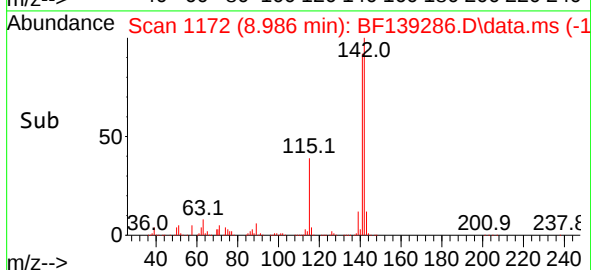
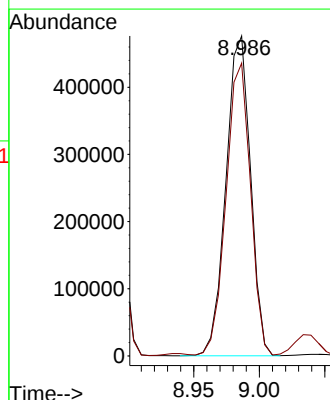
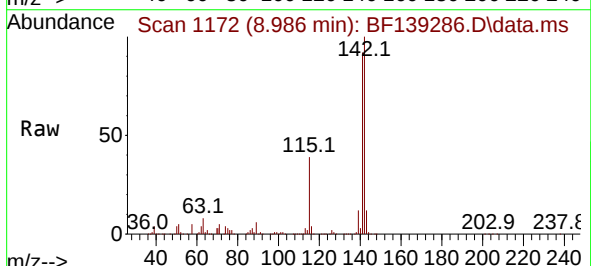
Acq: 09 Sep 2024 16:48

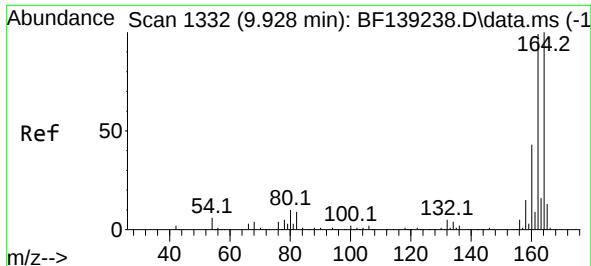
Tgt Ion:142 Resp: 619419

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

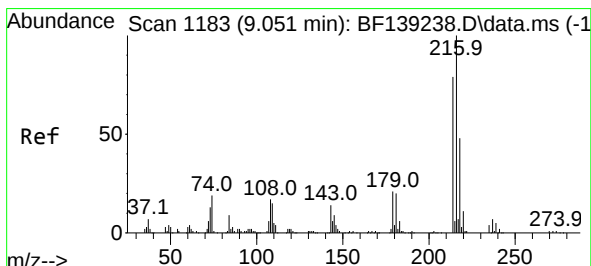
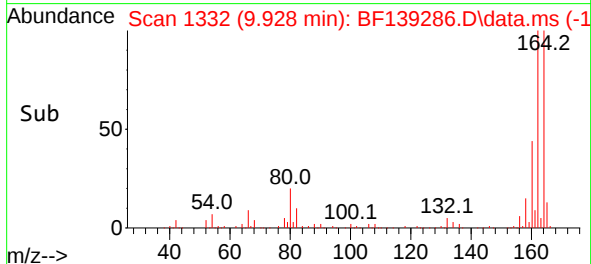
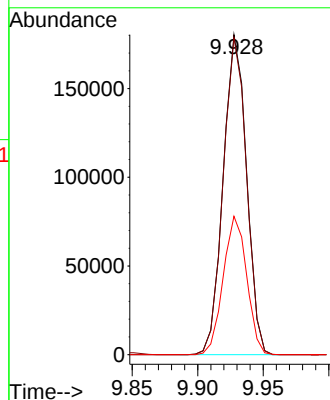
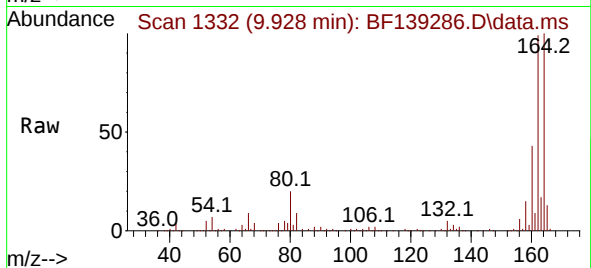
Tgt Ion:164 Resp: 223279

Ion Ratio Lower Upper

164 100

162 99.1 79.2 118.8

160 43.3 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.501 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Tgt Ion:216 Resp: 312707

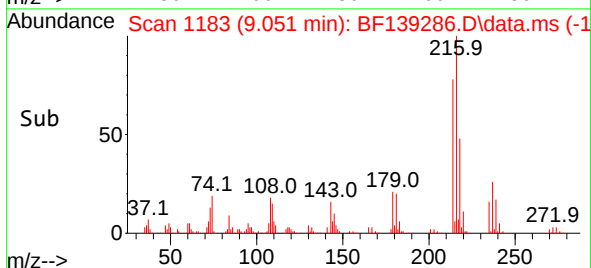
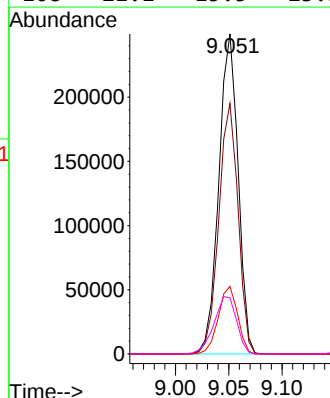
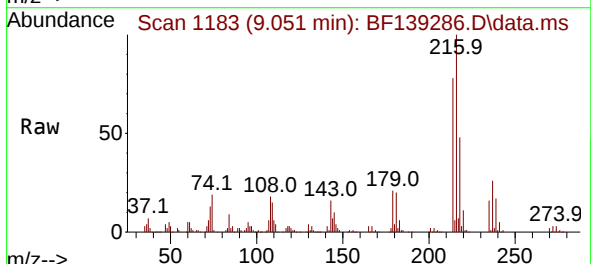
Ion Ratio Lower Upper

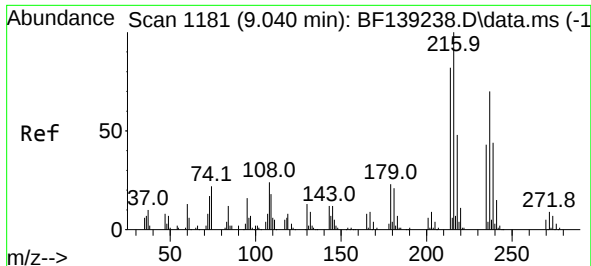
216 100

214 78.3 63.8 95.8

179 21.2 16.9 25.3

108 21.1 15.5 23.3

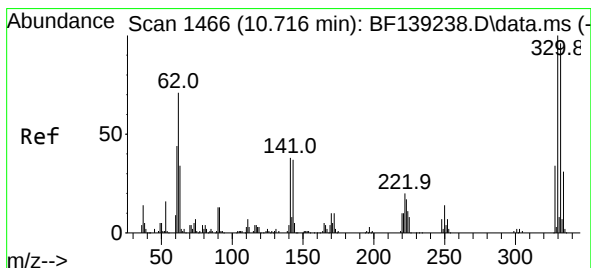
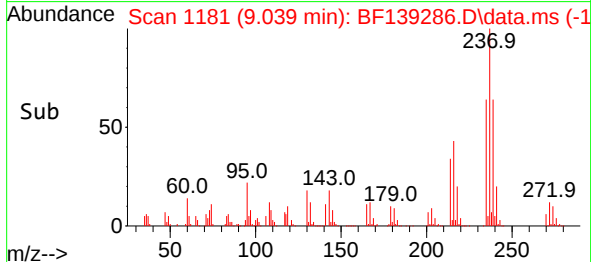
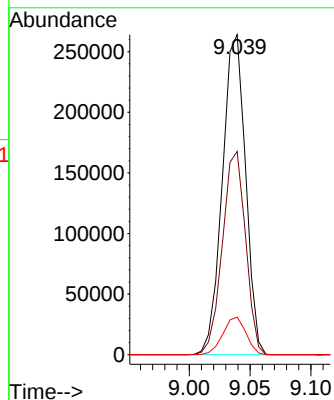
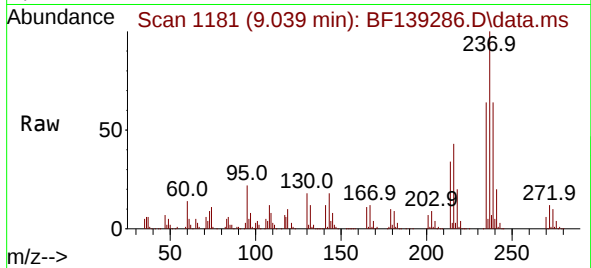




#41
Hexachlorocyclopentadiene
Concen: 172.645 ng
RT: 9.039 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

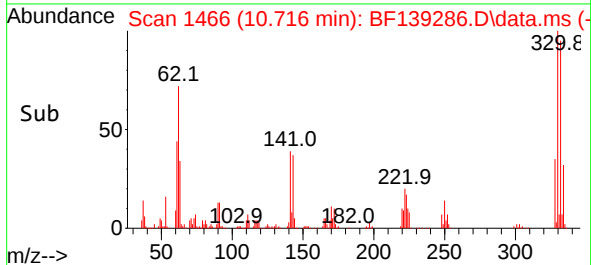
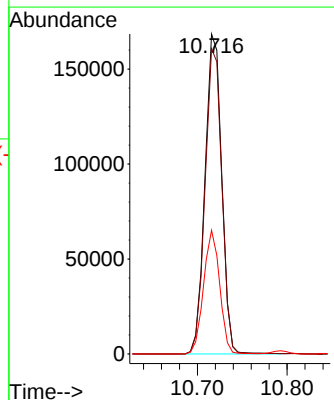
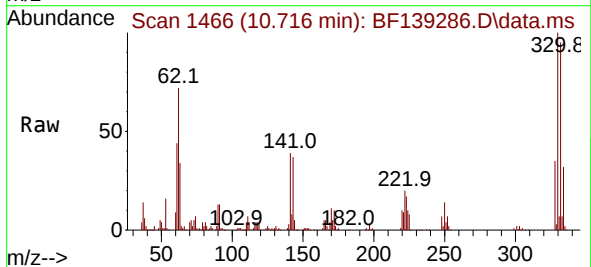
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

Tgt Ion:237 Resp: 350502
Ion Ratio Lower Upper
237 100
235 63.5 41.4 81.4
272 11.8 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 112.908 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:330 Resp: 217692
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 37.3 30.1 45.1

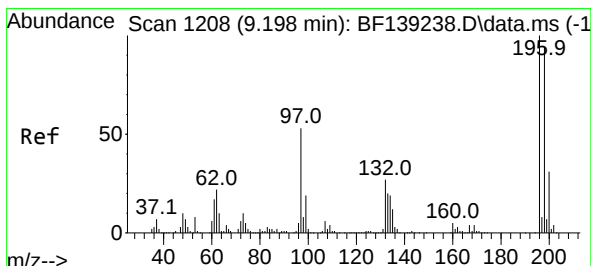
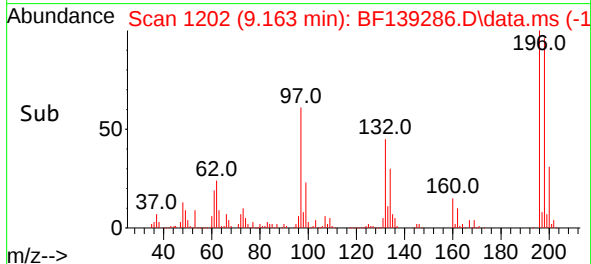
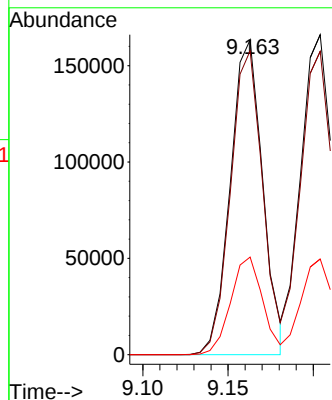
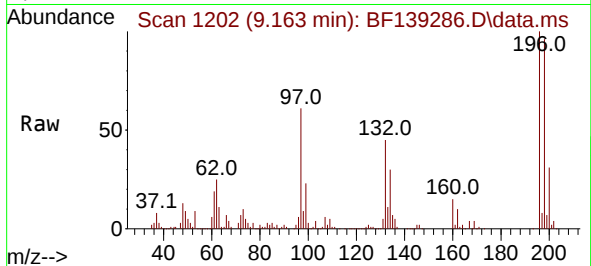




#43
2,4,6-Trichlorophenol
Concen: 52.052 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

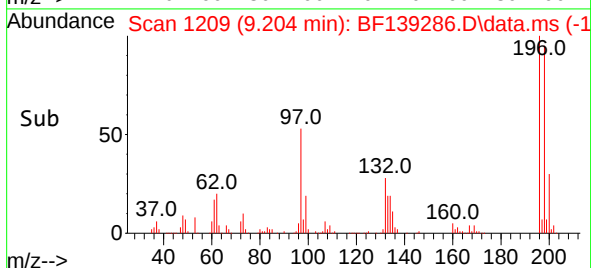
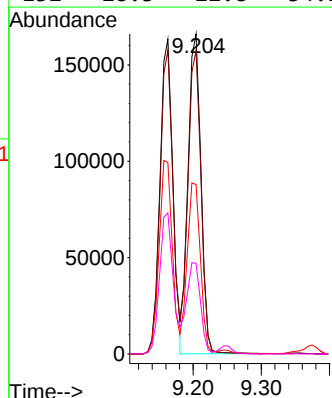
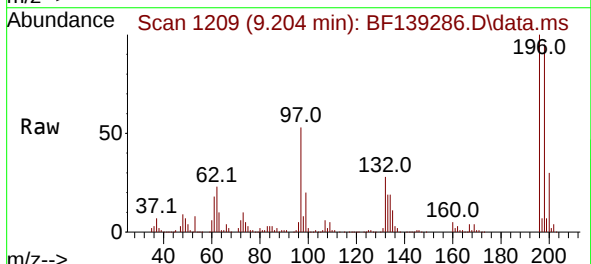
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

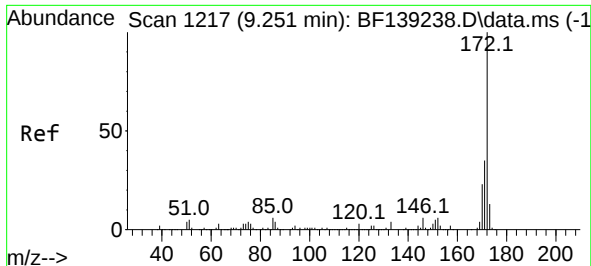
Tgt Ion:196 Resp: 215142
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.4
200 31.0 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.370 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:196 Resp: 218169
Ion Ratio Lower Upper
196 100
198 94.8 75.6 113.4
97 53.0 43.6 65.4
132 28.3 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 76.579 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

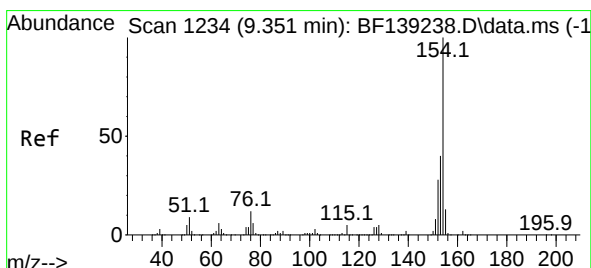
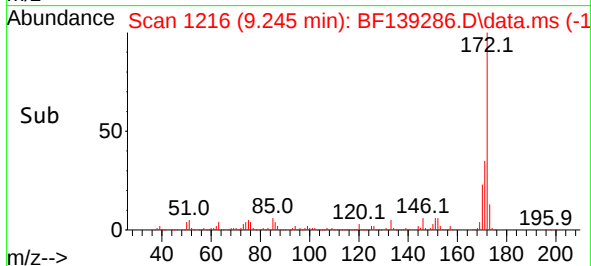
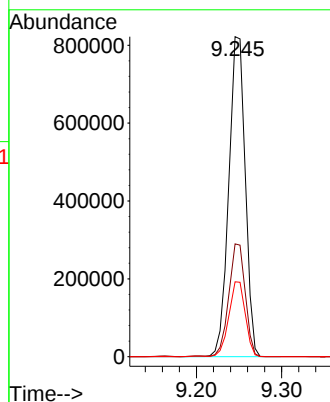
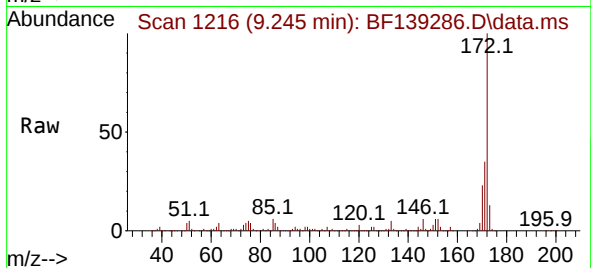
Tgt Ion:172 Resp: 1107669

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.7 28.1



#46

1,1'-Biphenyl

Concen: 49.884 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

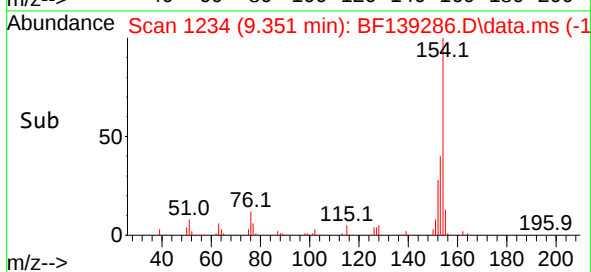
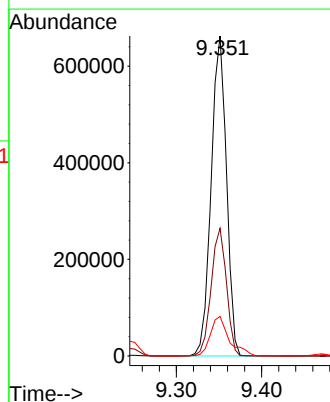
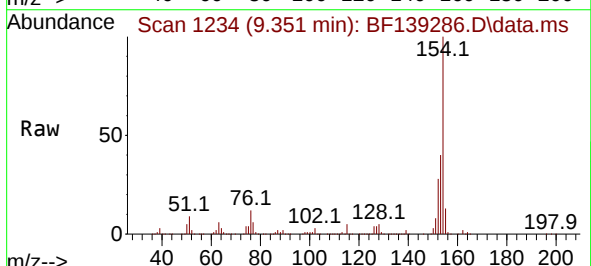
Tgt Ion:154 Resp: 825216

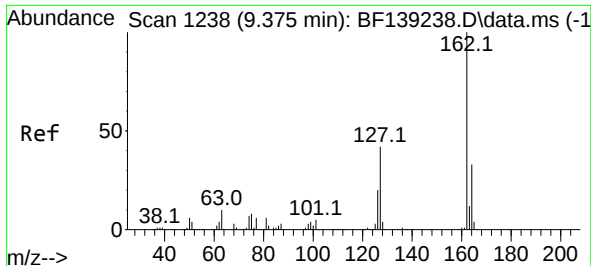
Ion Ratio Lower Upper

154 100

153 39.9 20.1 60.1

76 12.3 0.0 32.3

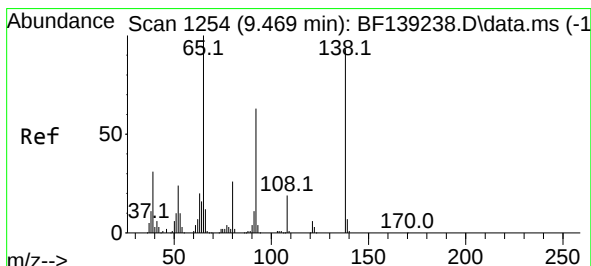
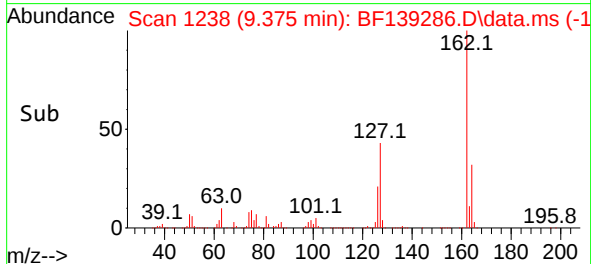
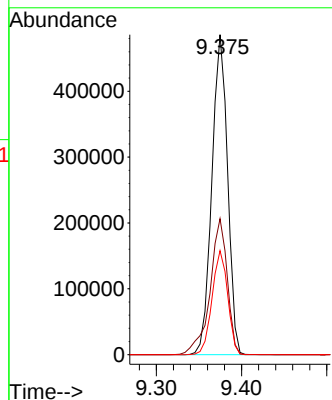
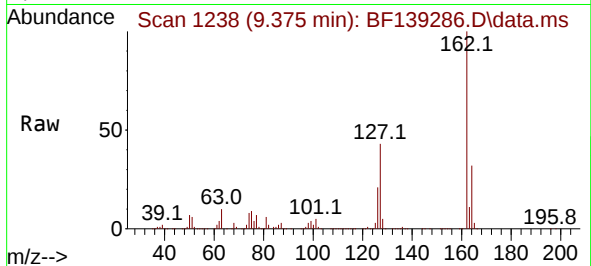




#47
2-Chloronaphthalene
Concen: 49.747 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

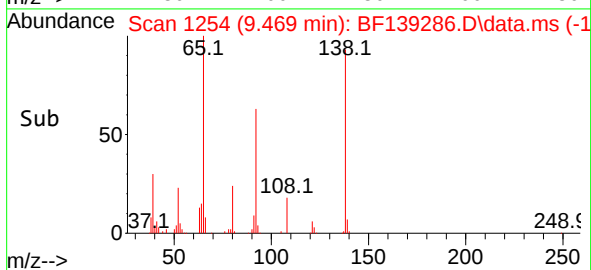
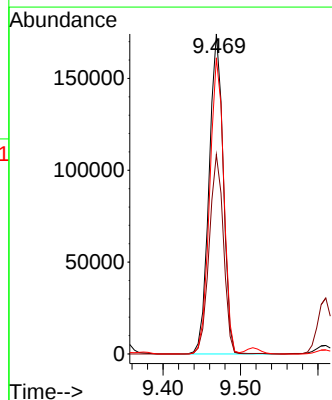
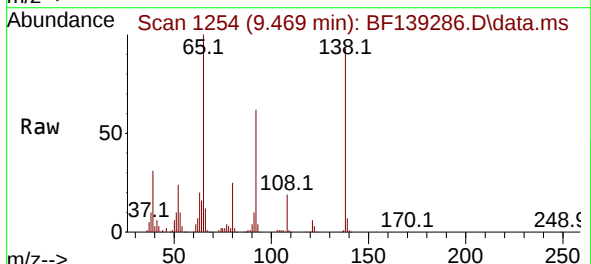
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

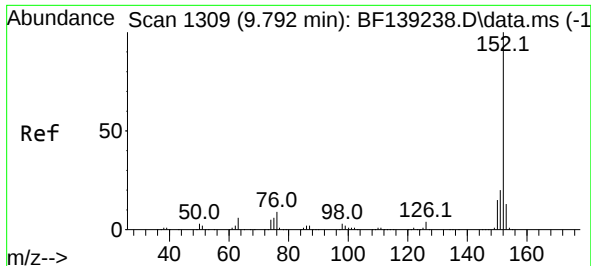
Tgt Ion:162 Resp: 621406
Ion Ratio Lower Upper
162 100
127 42.5 34.2 51.4
164 32.5 26.2 39.2



#48
2-Nitroaniline
Concen: 51.503 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

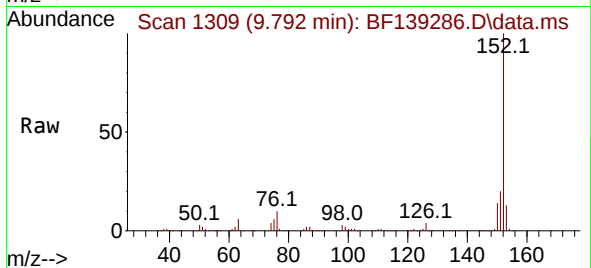
Tgt Ion: 65 Resp: 221593
Ion Ratio Lower Upper
65 100
92 62.3 50.4 75.6
138 92.5 74.2 111.4



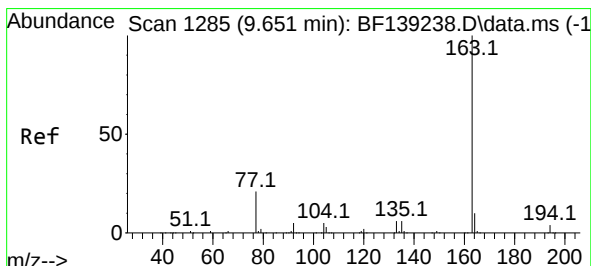
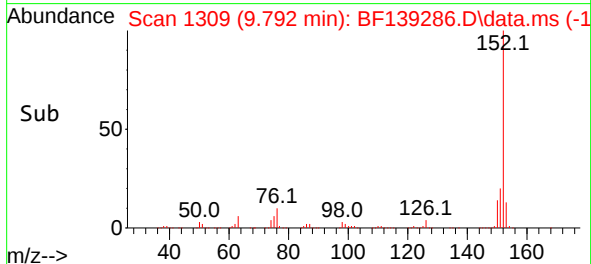
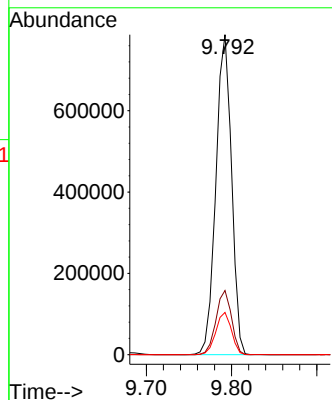


#49
Acenaphthylene
Concen: 53.254 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

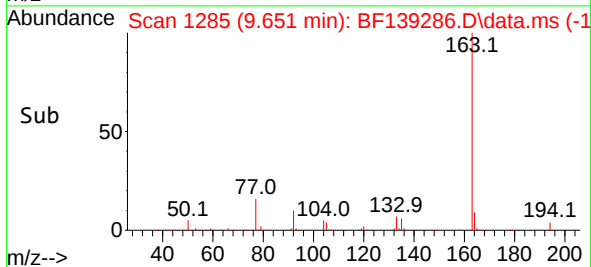
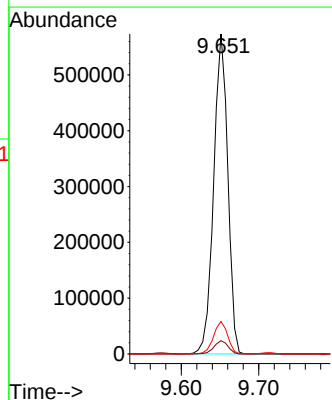
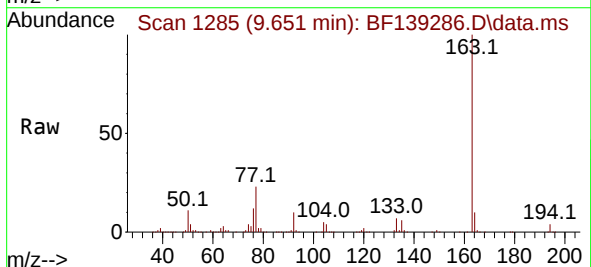


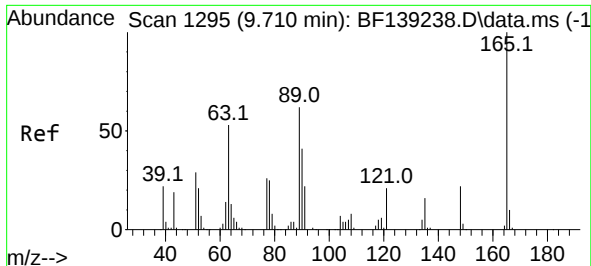
Tgt Ion:152 Resp: 1001900
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 53.565 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:163 Resp: 724898
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 7.9 11.9

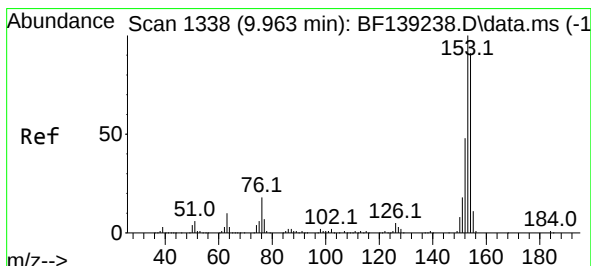
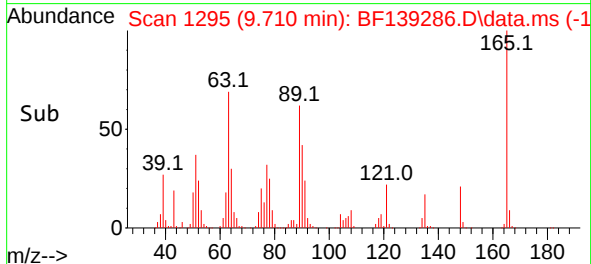
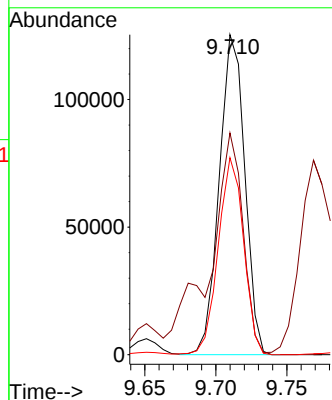
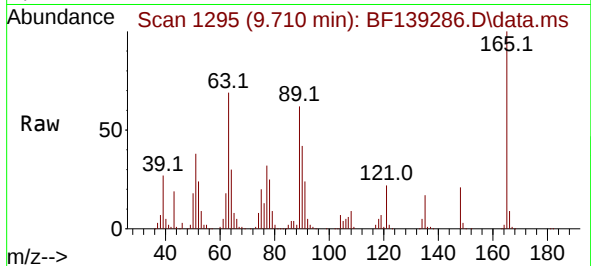




#51
2,6-Dinitrotoluene
Concen: 51.073 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

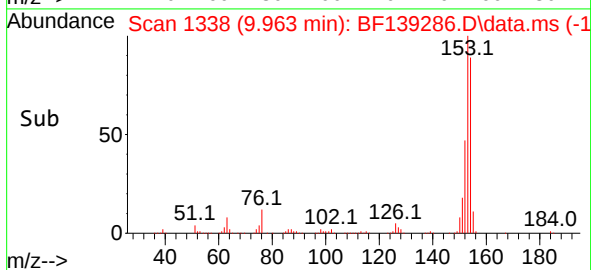
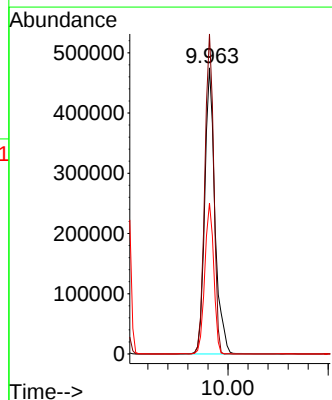
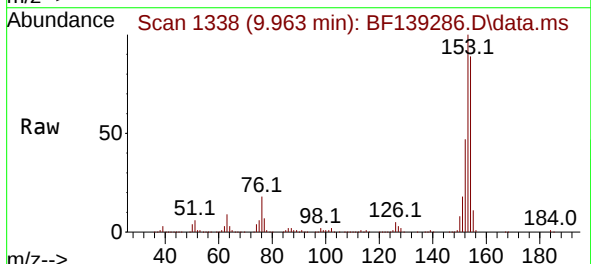
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

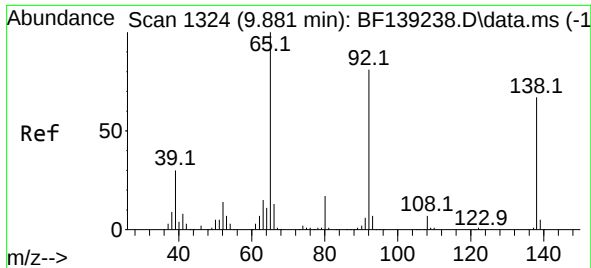
Tgt Ion:165 Resp: 156799
Ion Ratio Lower Upper
165 100
63 69.3 56.1 84.1
89 61.5 49.7 74.5



#52
Acenaphthene
Concen: 54.035 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:154 Resp: 674268
Ion Ratio Lower Upper
154 100
153 111.9 87.8 131.6
152 52.7 41.7 62.5

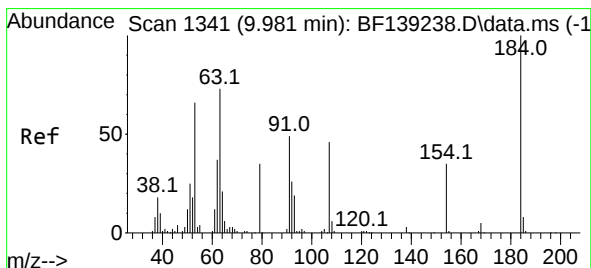
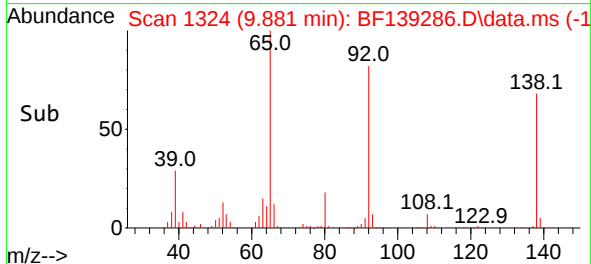
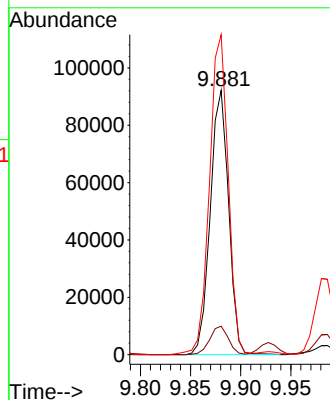
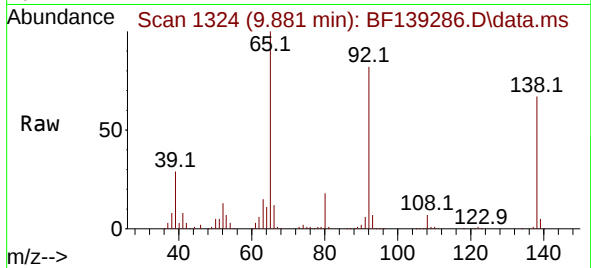




#53
3-Nitroaniline
Concen: 35.920 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

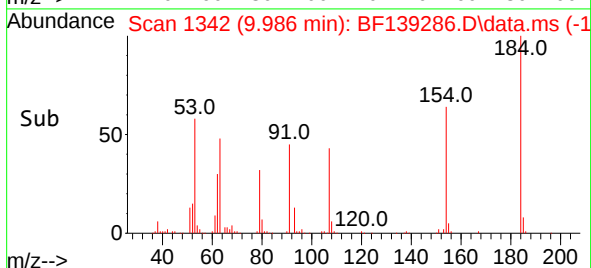
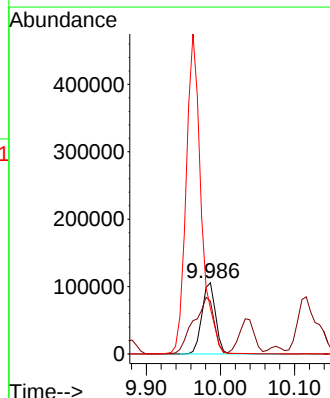
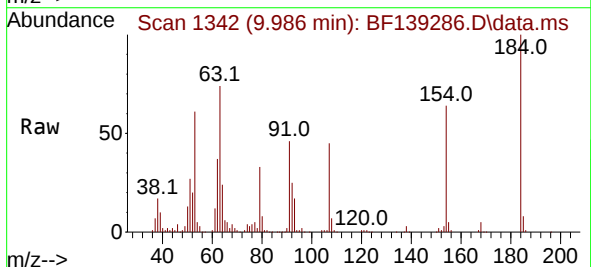
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

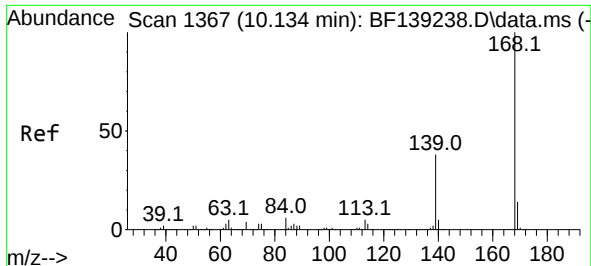
Tgt Ion:138 Resp: 117495
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 121.1 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 83.996 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:184 Resp: 135778
Ion Ratio Lower Upper
184 100
63 74.2 66.4 99.6
154 64.1 97.0 145.6#

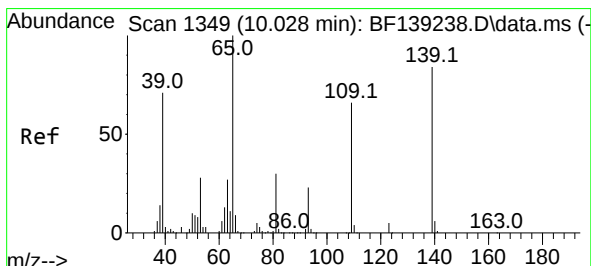
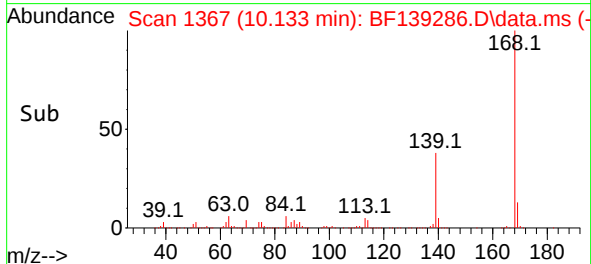
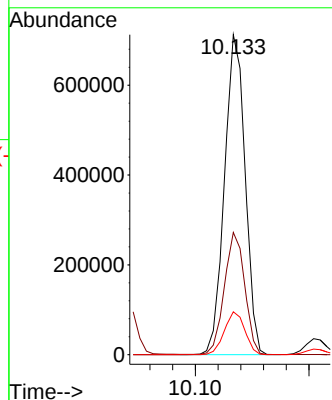
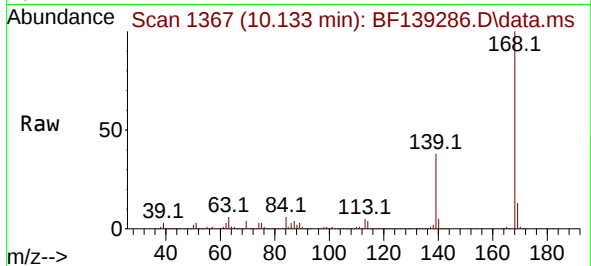




#55
Dibenzofuran
Concen: 50.295 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

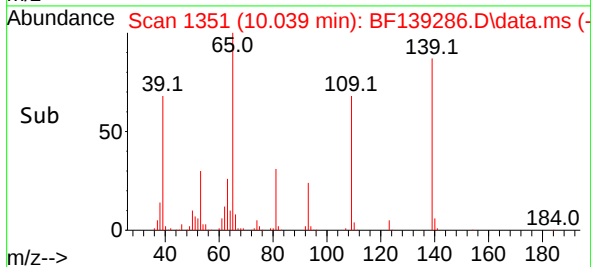
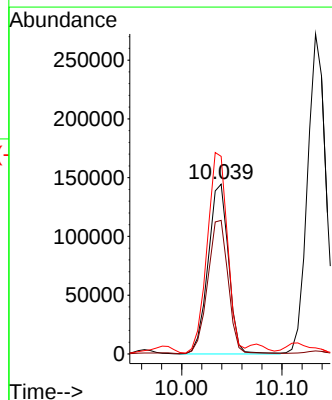
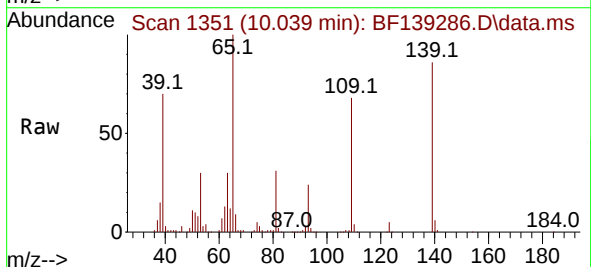
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

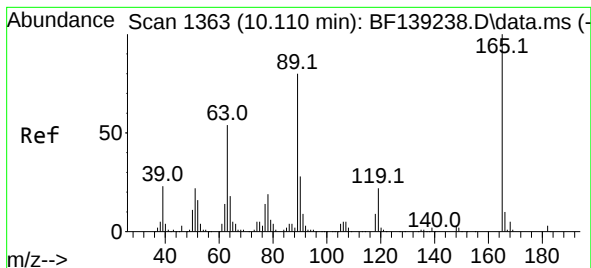
Tgt Ion:168 Resp: 899792
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 84.789 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

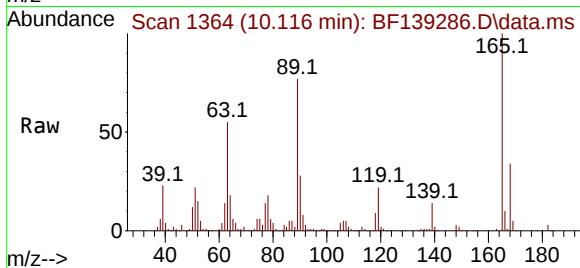
Tgt Ion:139 Resp: 204707
Ion Ratio Lower Upper
139 100
109 78.7 58.7 98.7
65 116.4 100.3 140.3



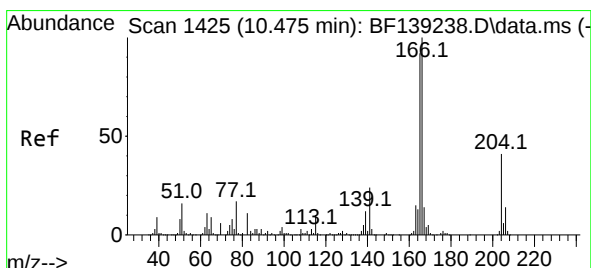
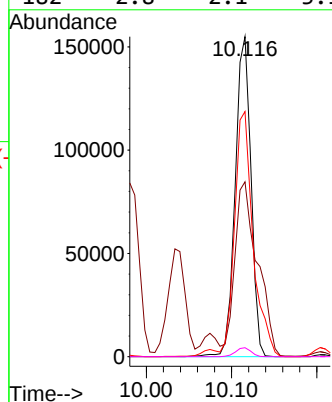
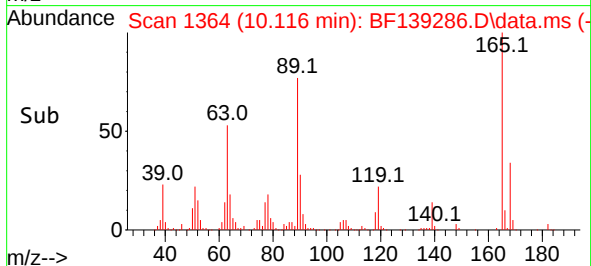


#57
2,4-Dinitrotoluene
Concen: 50.970 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

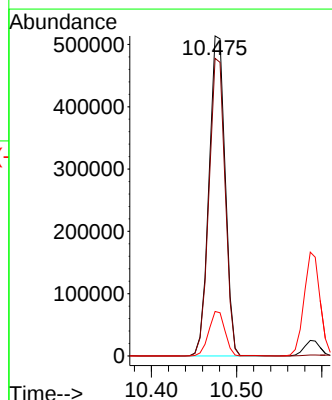
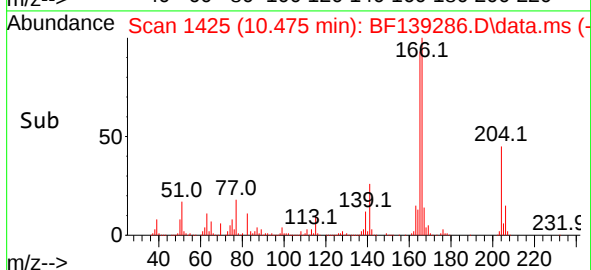
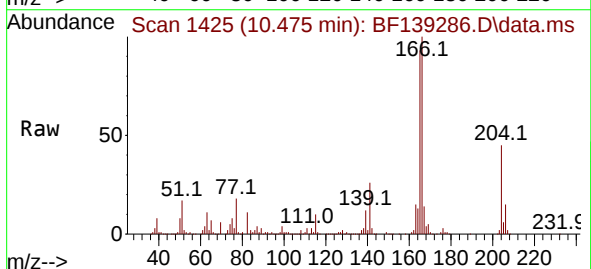


Tgt Ion:165 Resp: 199173
Ion Ratio Lower Upper
165 100
63 54.7 43.4 65.0
89 76.6 64.2 96.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 48.798 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

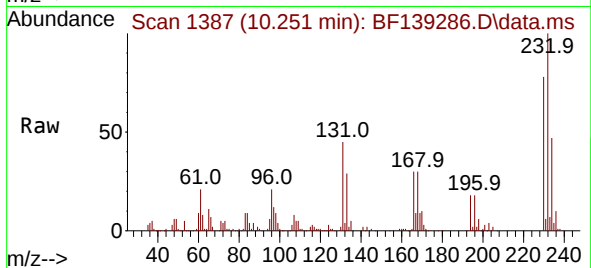
Tgt Ion:166 Resp: 676859
Ion Ratio Lower Upper
166 100
165 93.0 73.7 110.5
167 13.9 10.9 16.3



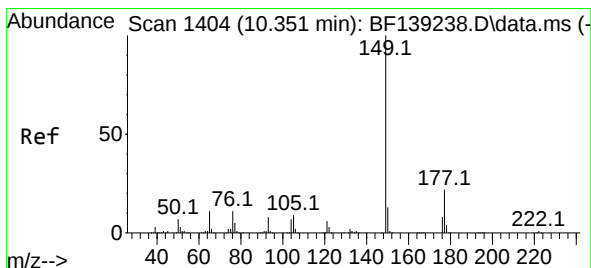
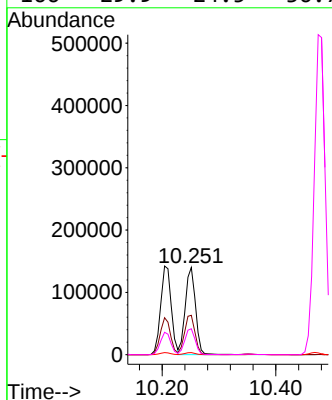
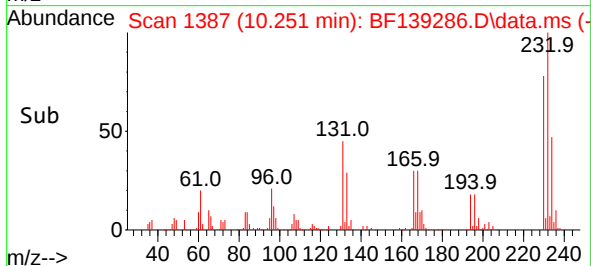


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.365 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

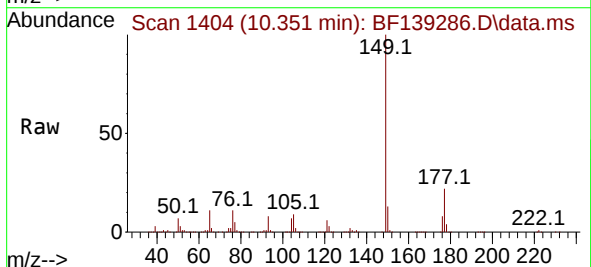
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD



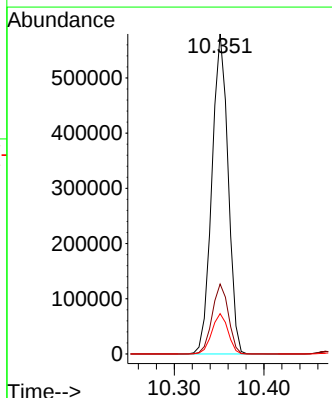
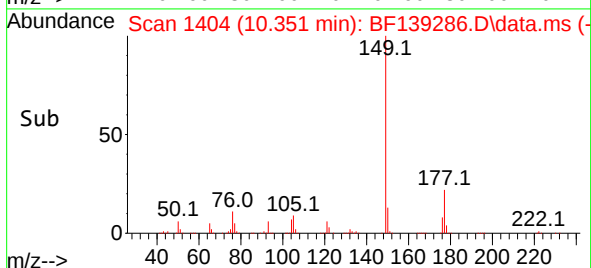
Tgt Ion:232 Resp: 175125
Ion Ratio Lower Upper
232 100
131 46.2 37.7 56.5
130 2.4 1.9 2.9
166 29.9 24.5 36.7

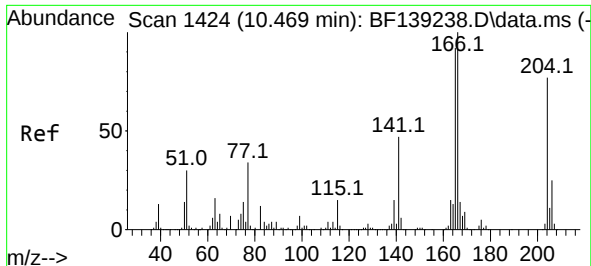


#60
Diethylphthalate
Concen: 54.498 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48



Tgt Ion:149 Resp: 725793
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.6 10.2 15.2





#61

4-Chlorophenyl-phenylether

Concen: 50.279 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

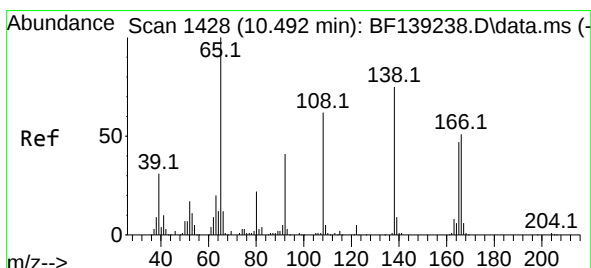
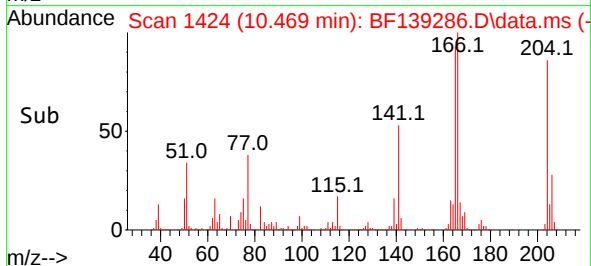
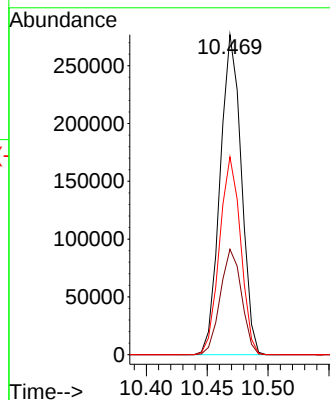
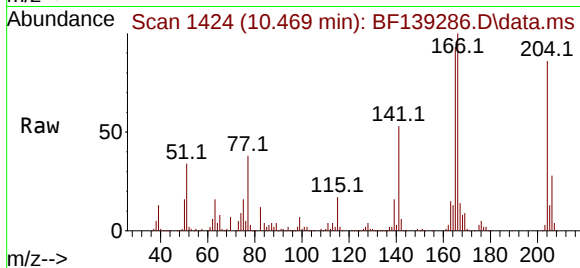
Tgt Ion:204 Resp: 336325

Ion Ratio Lower Upper

204 100

206 33.0 25.8 38.8

141 61.8 48.6 72.8



#62

4-Nitroaniline

Concen: 44.352 ng

RT: 10.492 min Scan# 1428

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

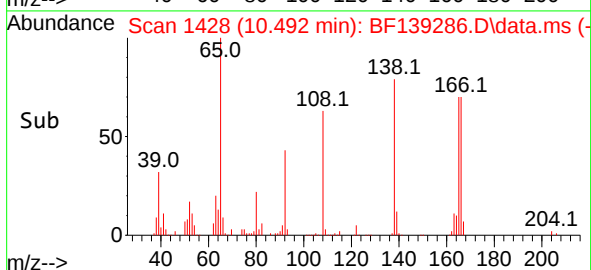
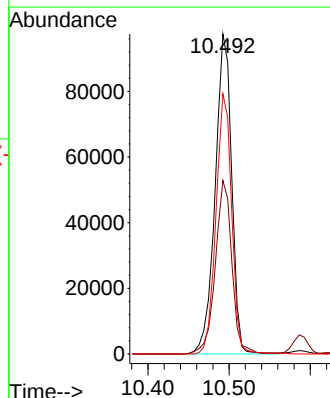
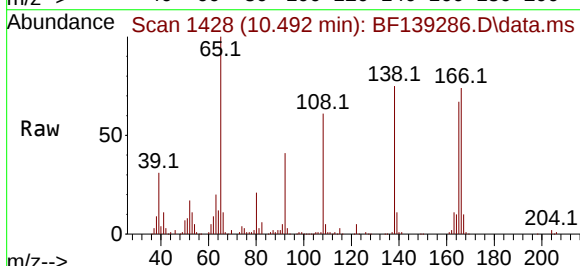
Tgt Ion:138 Resp: 138098

Ion Ratio Lower Upper

138 100

92 54.2 34.4 74.4

108 81.3 62.7 102.7





#63

Azobenzene

Concen: 54.414 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

Tgt Ion: 77 Resp: 763785

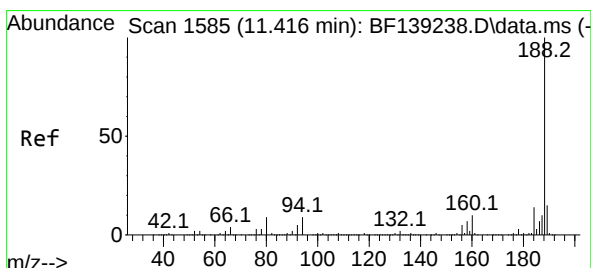
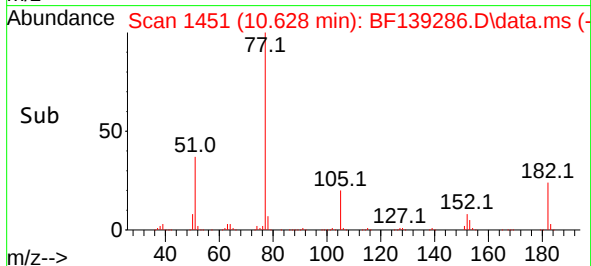
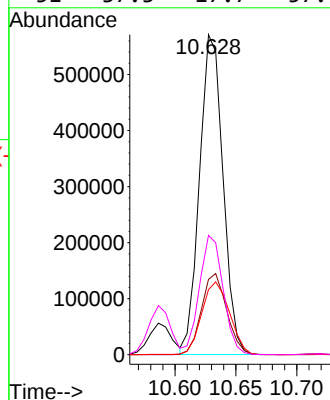
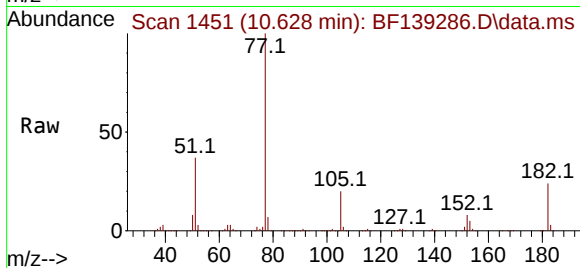
Ion Ratio Lower Upper

77 100

182 23.5 3.0 43.0

105 20.4 0.0 39.4

51 37.3 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

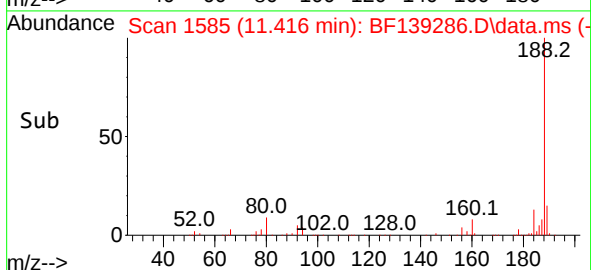
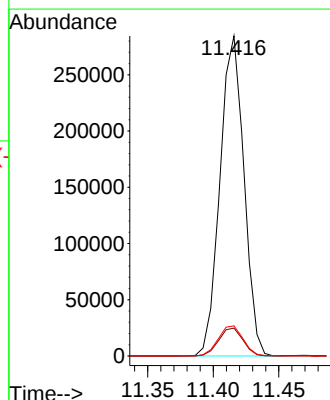
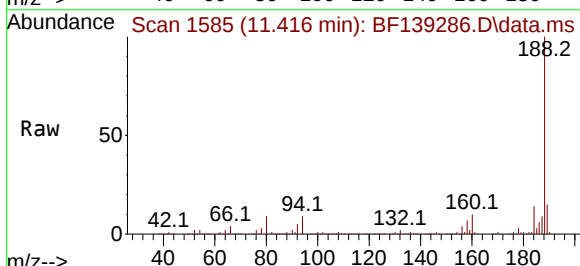
Tgt Ion:188 Resp: 361322

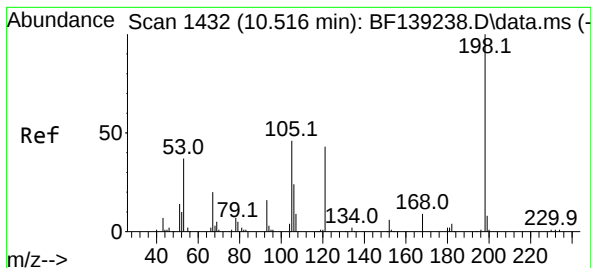
Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 9.4 7.3 10.9

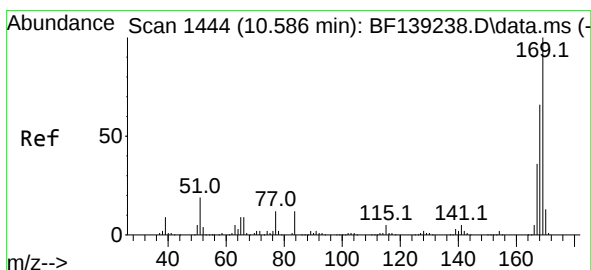
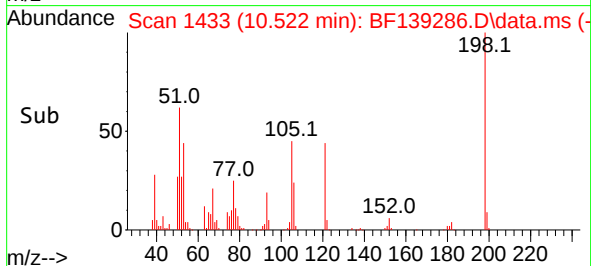
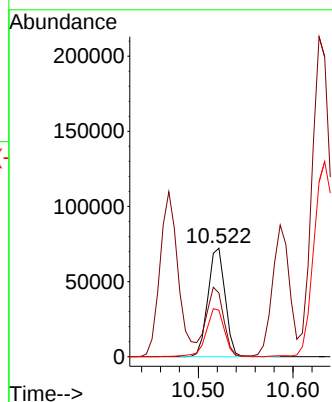
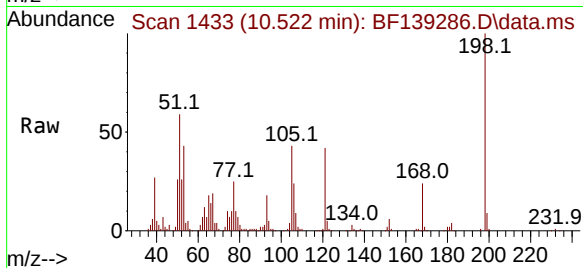




#65
4,6-Dinitro-2-methylphenol
Concen: 54.334 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

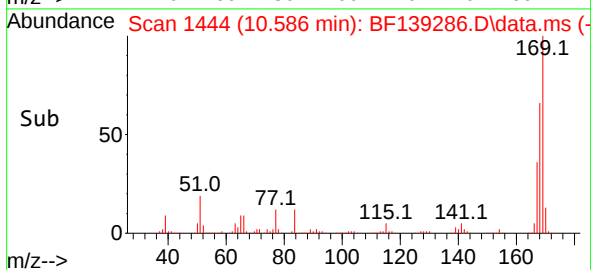
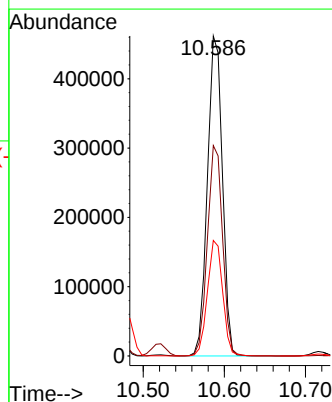
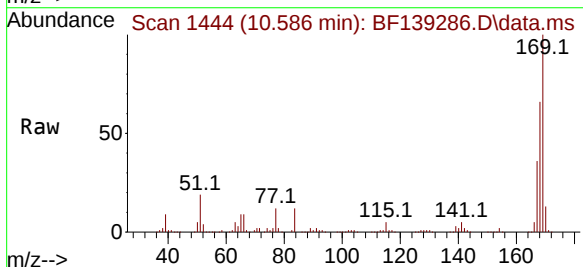
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

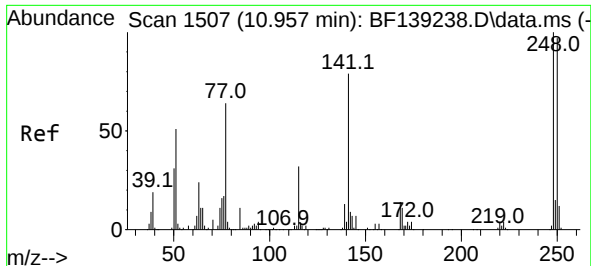
Tgt Ion:198 Resp: 90712
Ion Ratio Lower Upper
198 100
51 58.8 47.2 87.2
105 42.7 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 56.164 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:169 Resp: 590711
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 36.1 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 55.956 ng

RT: 10.963 min Scan# 1508

Delta R.T. 0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

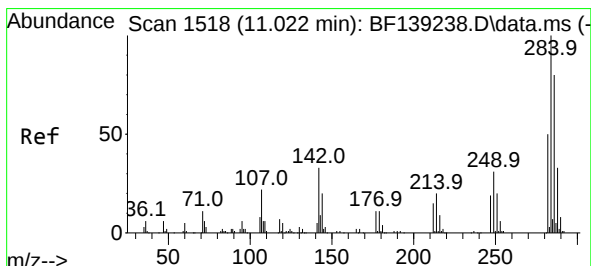
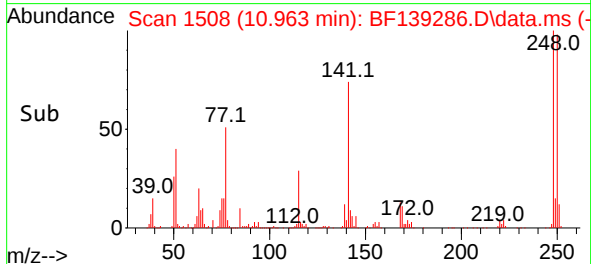
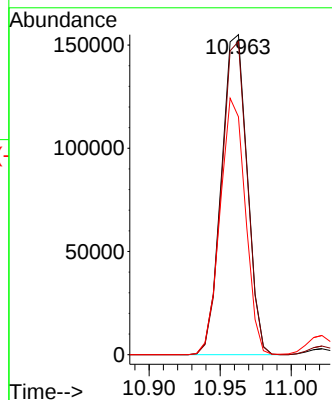
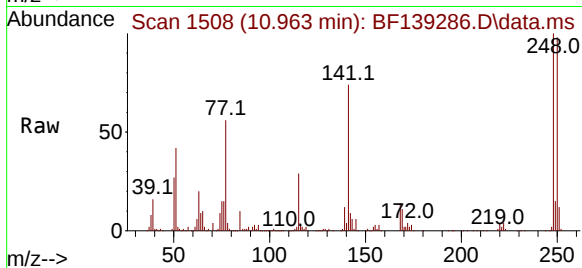
Tgt Ion:248 Resp: 196166

Ion Ratio Lower Upper

248 100

250 97.9 77.2 115.8

141 74.3 63.6 95.4



#68

Hexachlorobenzene

Concen: 53.057 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

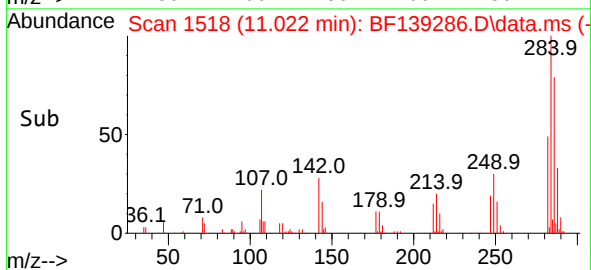
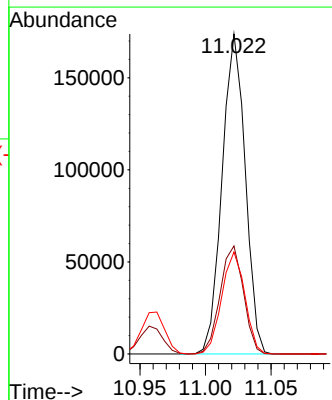
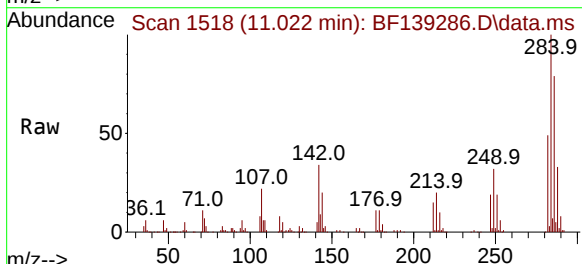
Tgt Ion:284 Resp: 212931

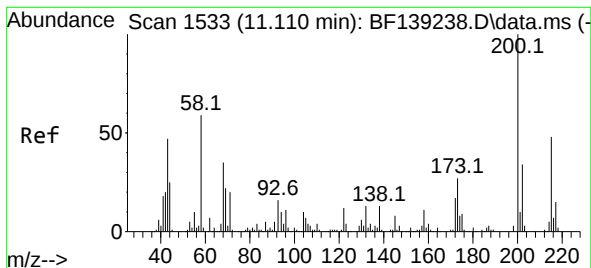
Ion Ratio Lower Upper

284 100

142 33.7 26.5 39.7

249 31.8 24.8 37.2





#69

Atrazine

Concen: 73.160 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

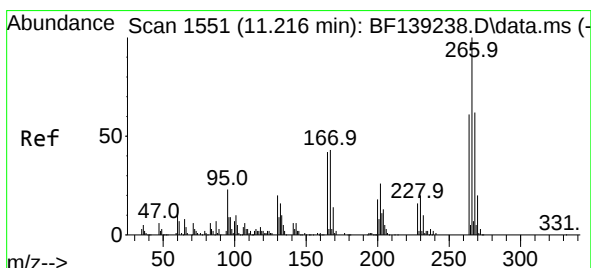
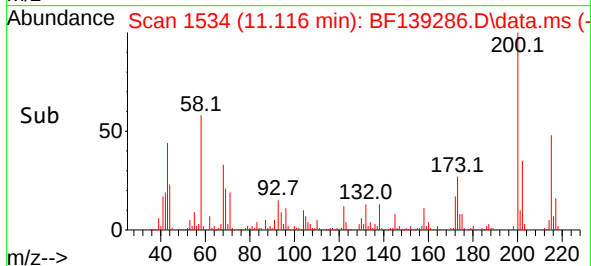
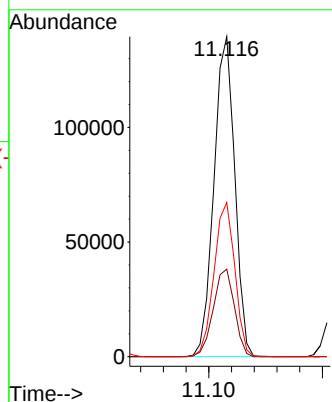
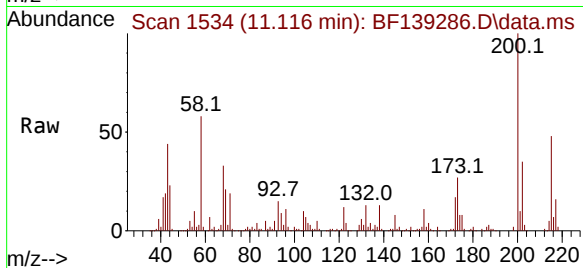
Tgt Ion:200 Resp: 177525

Ion Ratio Lower Upper

200 100

173 27.3 7.1 47.1

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 96.402 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

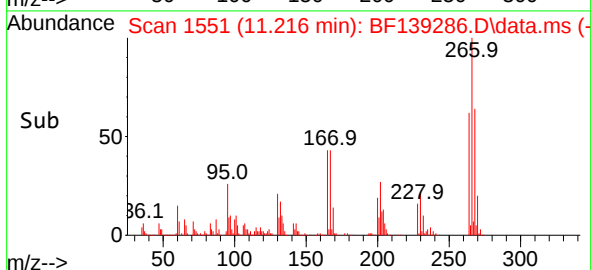
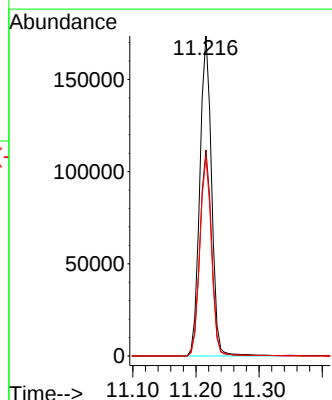
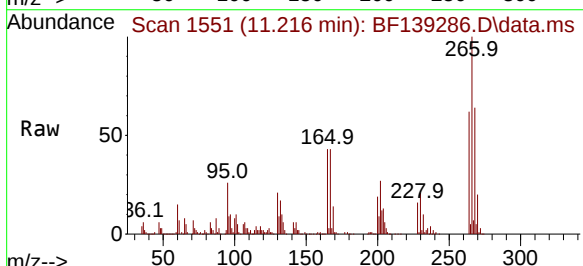
Tgt Ion:266 Resp: 223482

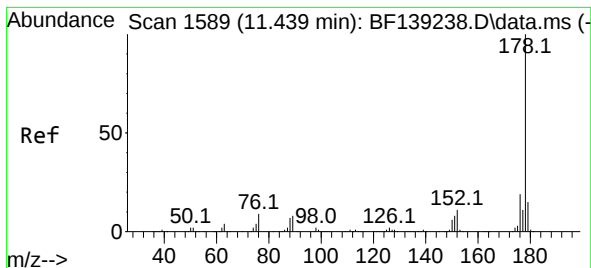
Ion Ratio Lower Upper

266 100

268 64.3 49.7 74.5

264 62.1 49.2 73.8





#71

Phenanthrene

Concen: 51.086 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

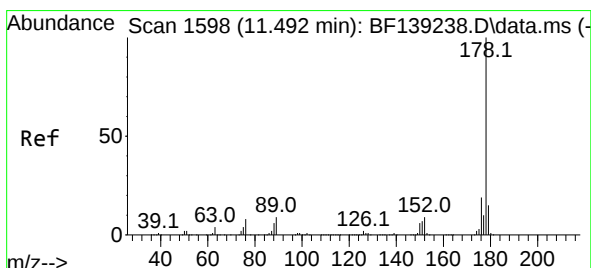
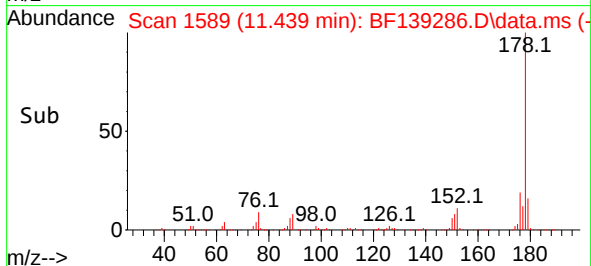
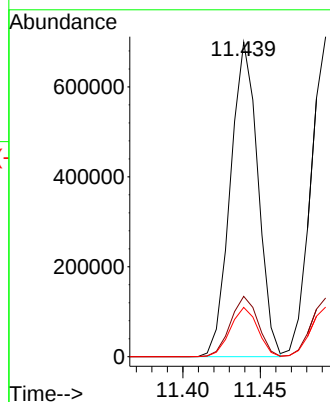
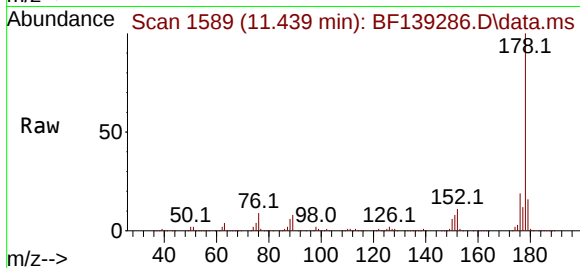
Tgt Ion:178 Resp: 862310

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.7 12.3 18.5



#72

Anthracene

Concen: 53.509 ng

RT: 11.492 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

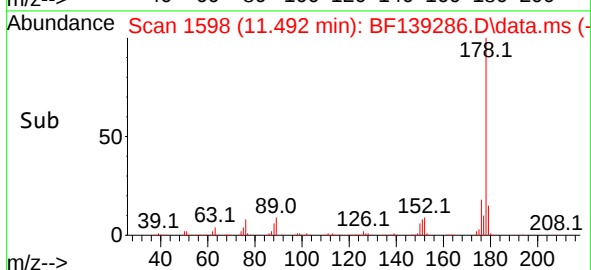
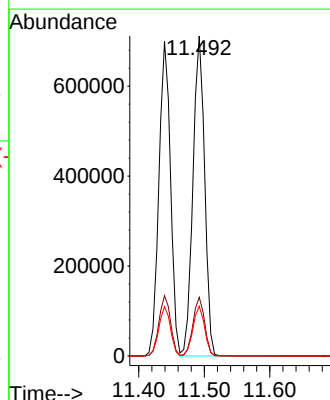
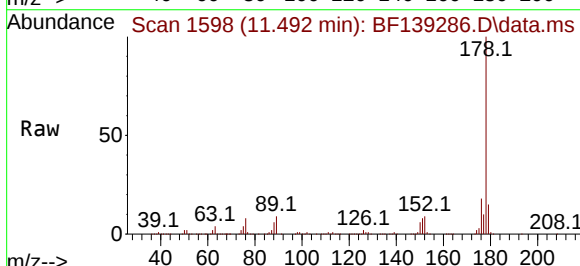
Tgt Ion:178 Resp: 882297

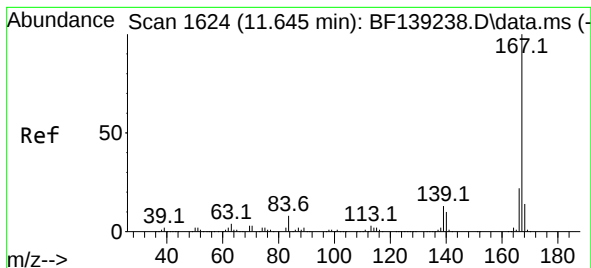
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.5 12.3 18.5





#73

Carbazole

Concen: 46.552 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

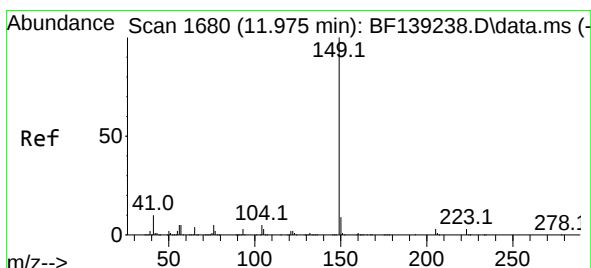
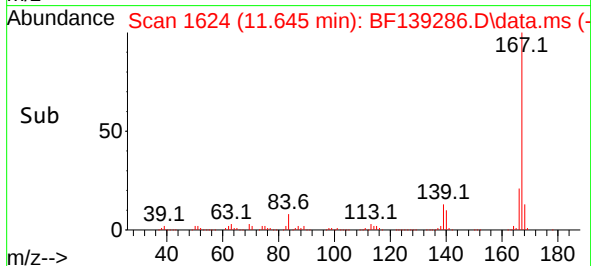
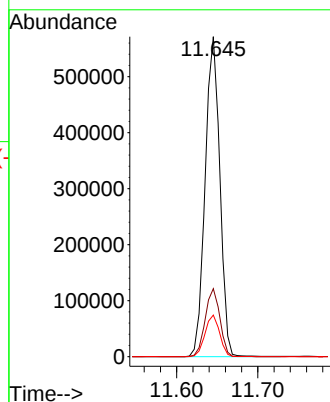
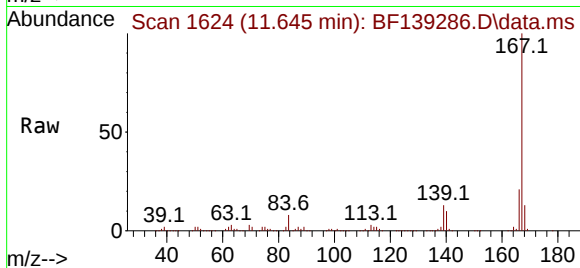
Tgt Ion:167 Resp: 717412

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.0 10.2 15.4



#74

Di-n-butylphthalate

Concen: 63.021 ng

RT: 11.975 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

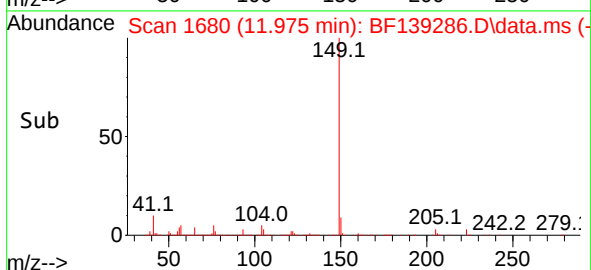
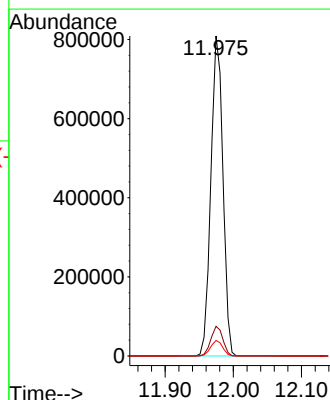
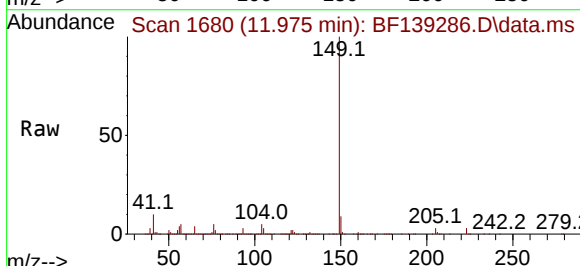
Tgt Ion:149 Resp: 994441

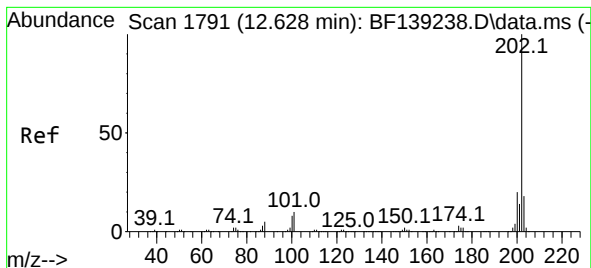
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 46.570 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

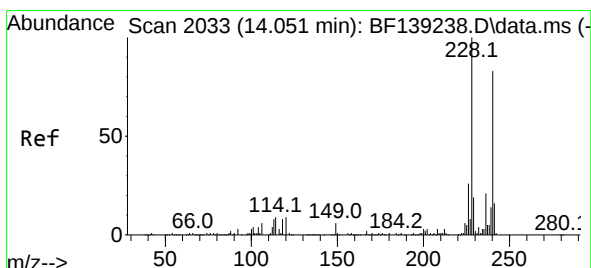
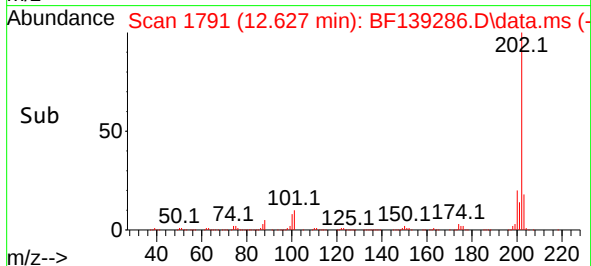
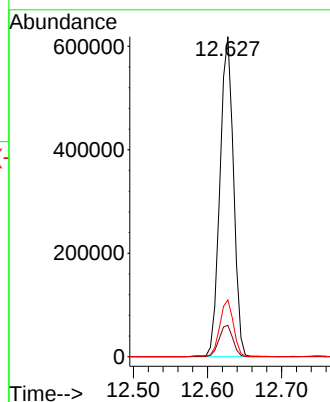
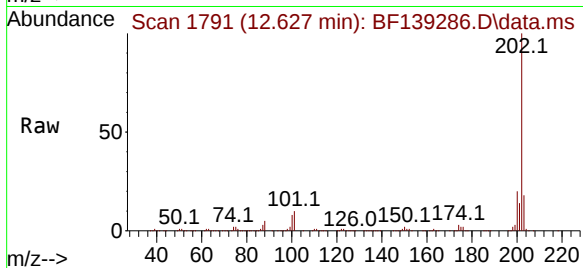
Tgt Ion:202 Resp: 788069

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.9

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

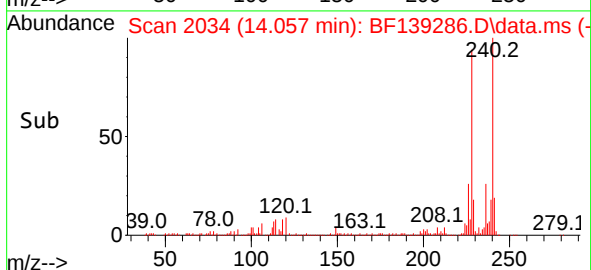
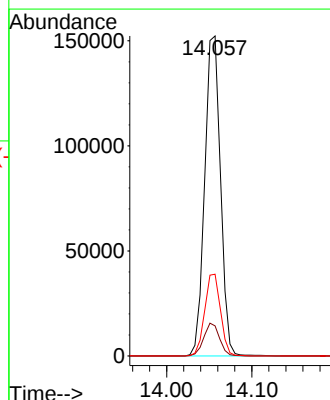
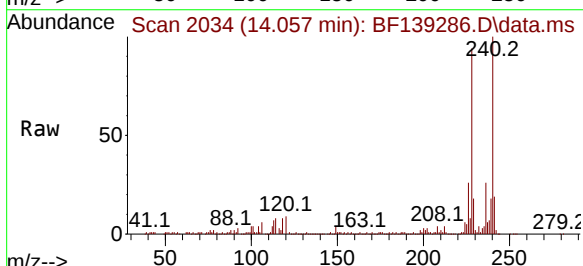
Tgt Ion:240 Resp: 196353

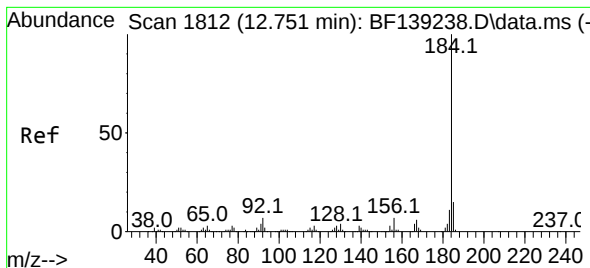
Ion Ratio Lower Upper

240 100

120 9.4 8.6 12.8

236 25.6 20.7 31.1





#77

Benzidine

Concen: 68.207 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

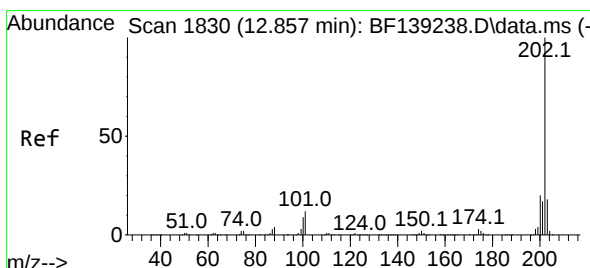
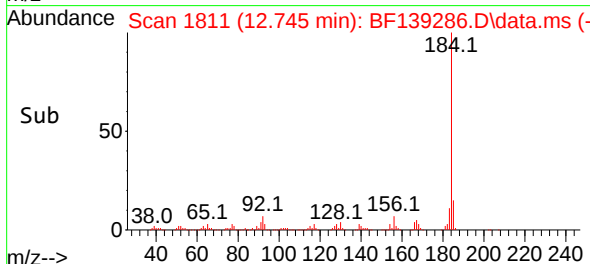
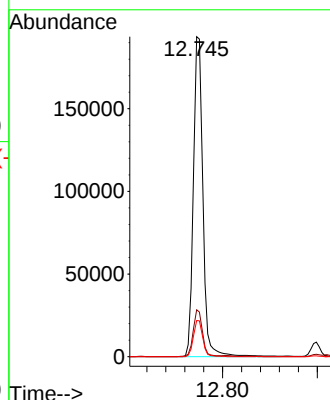
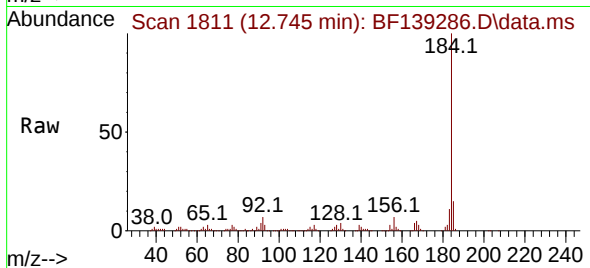
Tgt Ion:184 Resp: 269665

Ion Ratio Lower Upper

184 100

185 14.6 11.9 17.9

183 11.3 8.8 13.2



#78

Pyrene

Concen: 42.104 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

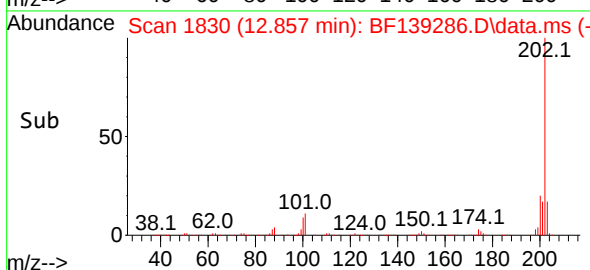
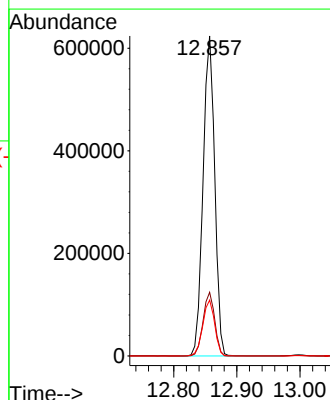
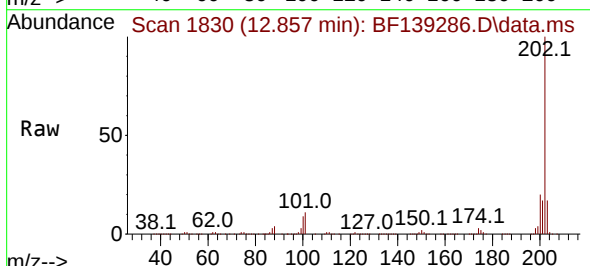
Tgt Ion:202 Resp: 798621

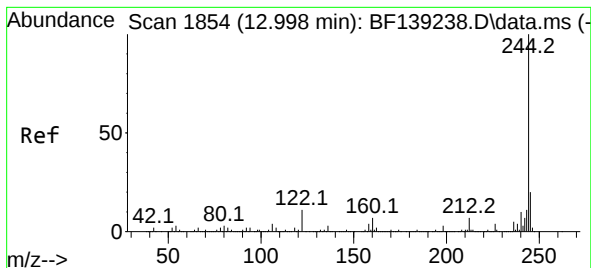
Ion Ratio Lower Upper

202 100

200 19.9 15.8 23.8

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 64.764 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139286.D

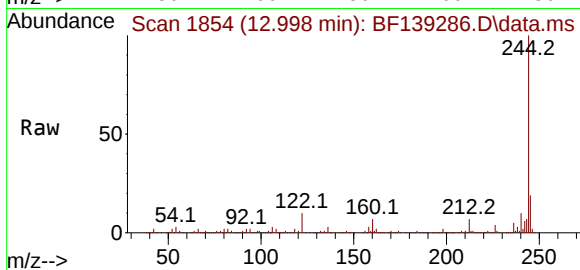
Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD



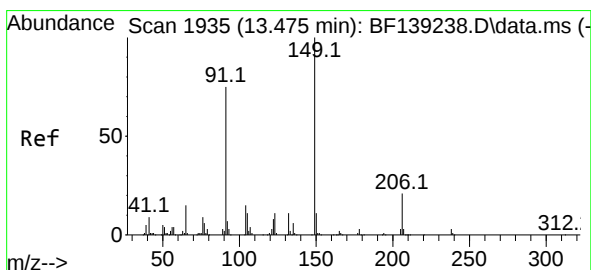
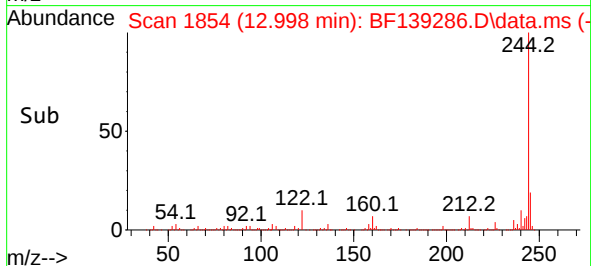
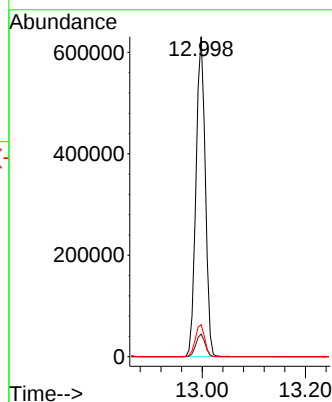
Tgt Ion:244 Resp: 787608

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.0 8.7 13.1



#80

Butylbenzylphthalate

Concen: 66.784 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

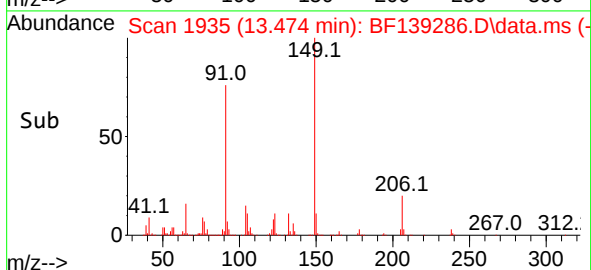
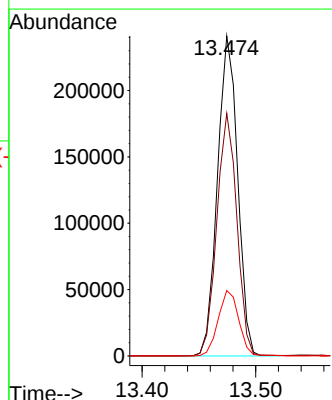
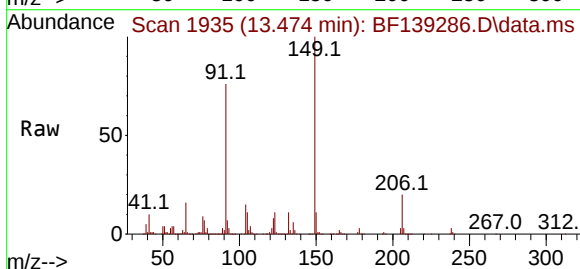
Tgt Ion:149 Resp: 298204

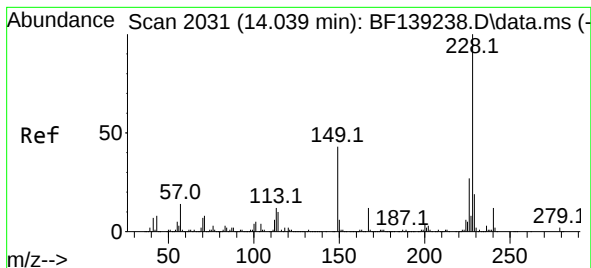
Ion Ratio Lower Upper

149 100

91 75.8 60.3 90.5

206 20.4 16.7 25.1





#81

Benzo(a)anthracene

Concen: 52.183 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

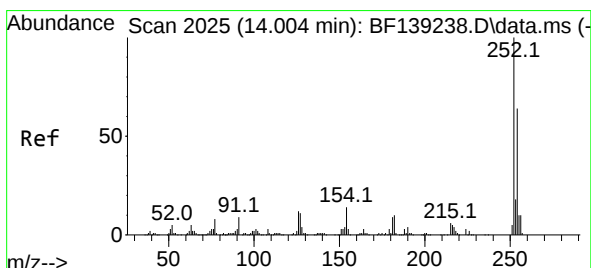
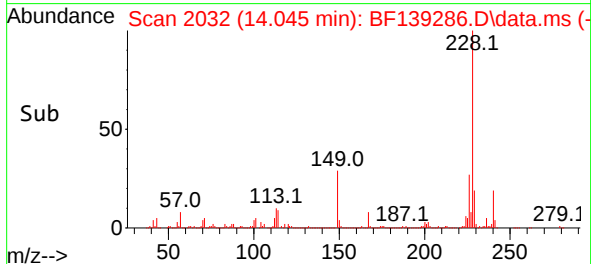
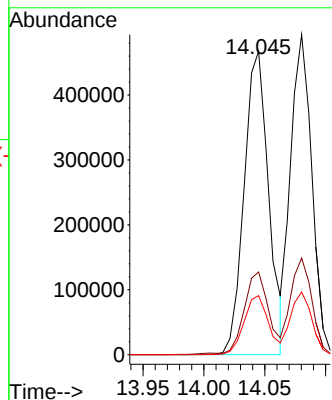
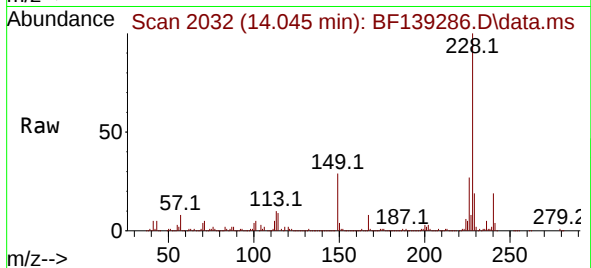
Tgt Ion:228 Resp: 654272

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 47.403 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

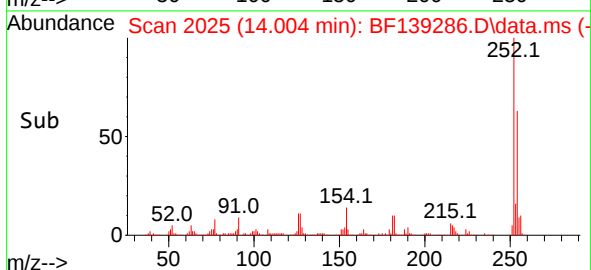
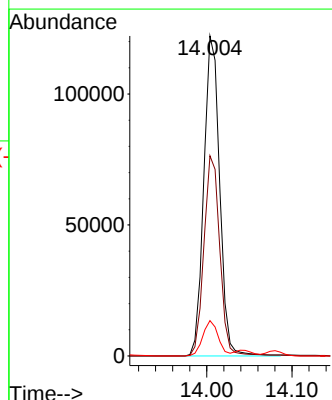
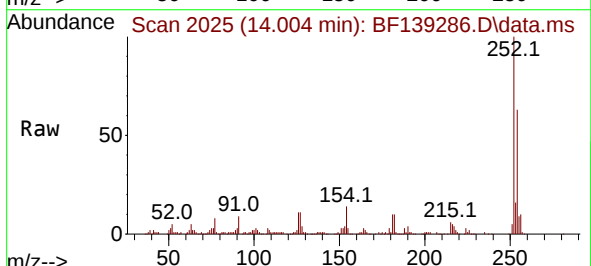
Tgt Ion:252 Resp: 157840

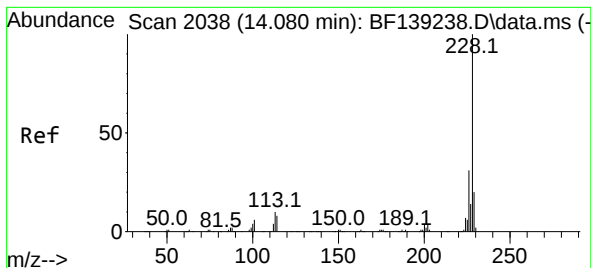
Ion Ratio Lower Upper

252 100

254 62.5 51.5 77.3

126 11.1 9.2 13.8





#83

Chrysene

Concen: 51.159 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

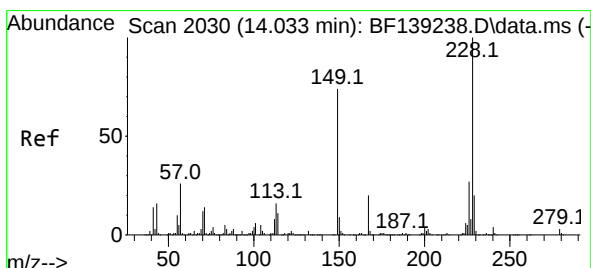
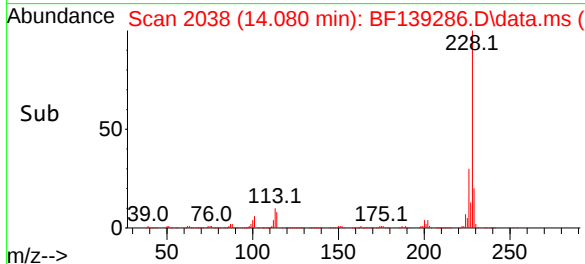
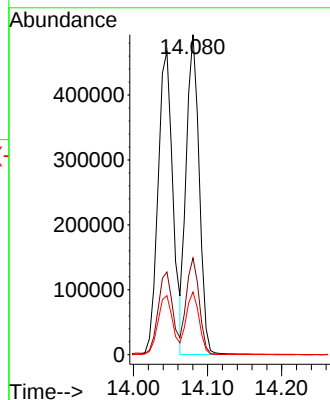
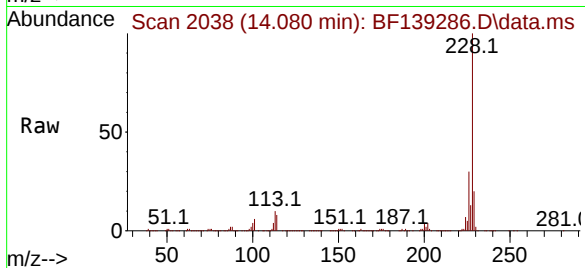
Tgt Ion:228 Resp: 598662

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.569 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

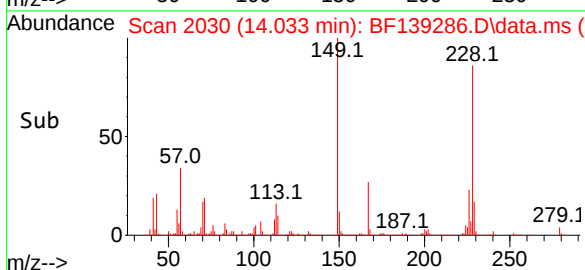
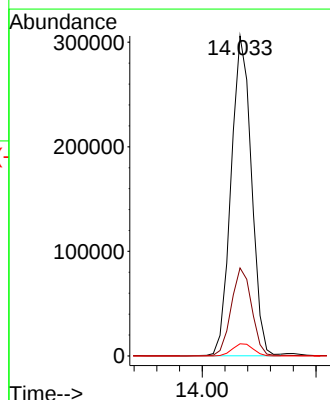
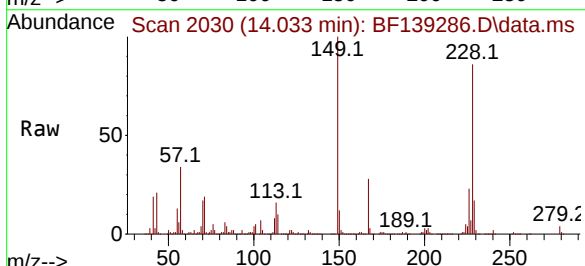
Tgt Ion:149 Resp: 380330

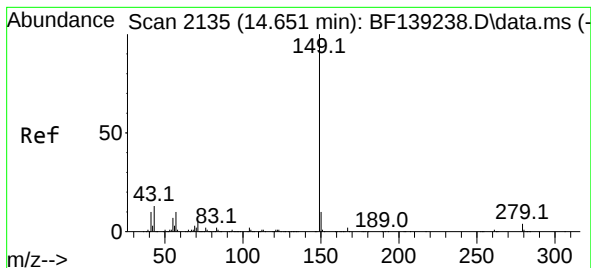
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 64.488 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

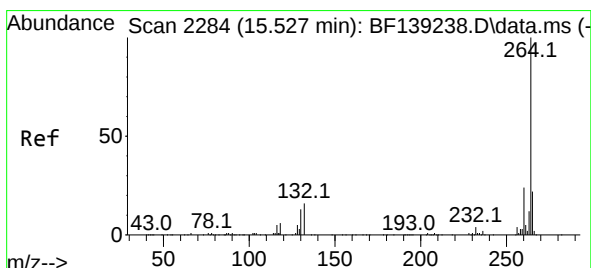
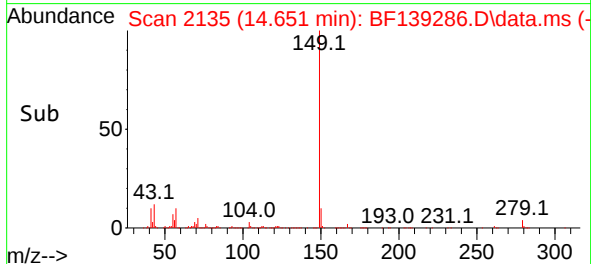
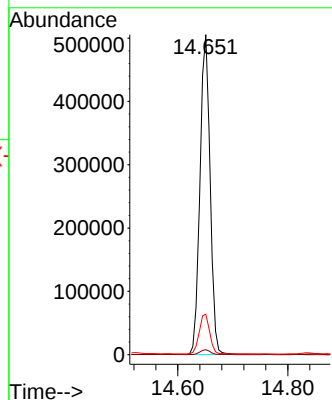
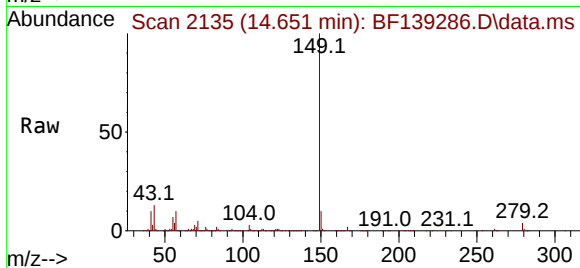
Tgt Ion:149 Resp: 647081

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.7 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

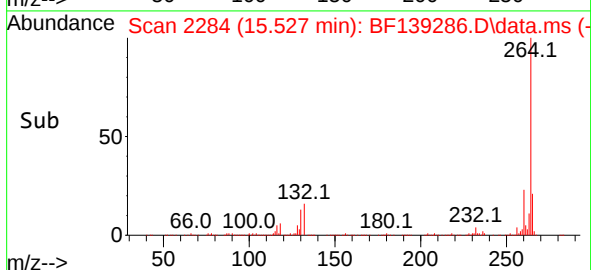
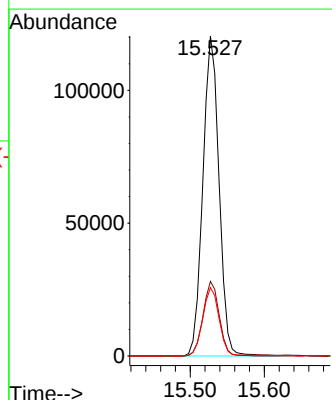
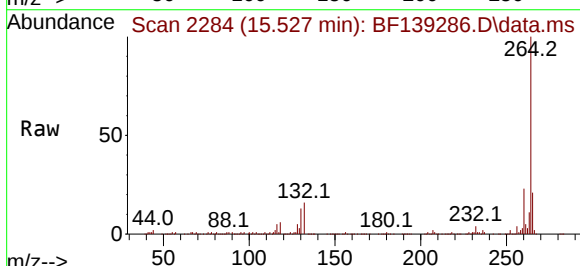
Tgt Ion:264 Resp: 182619

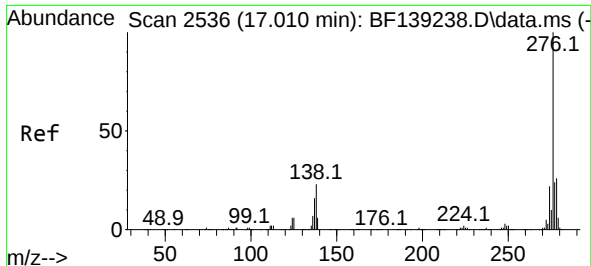
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.4 17.3 25.9

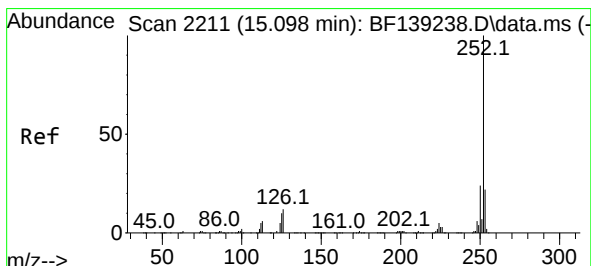
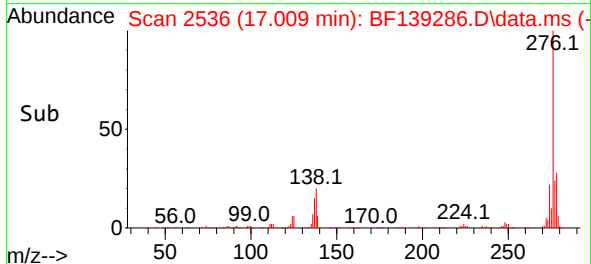
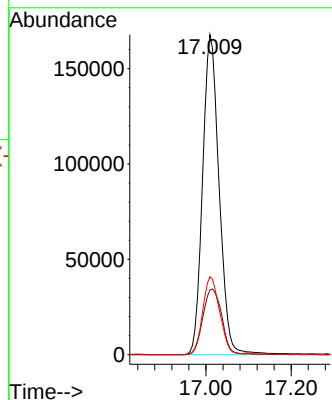
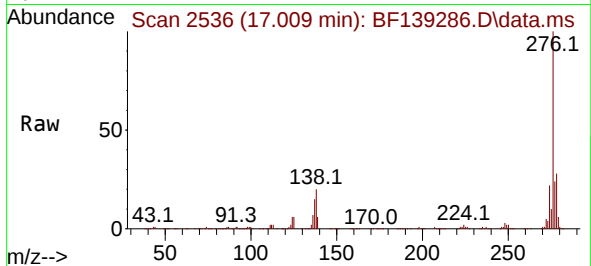




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.566 ng
RT: 17.009 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

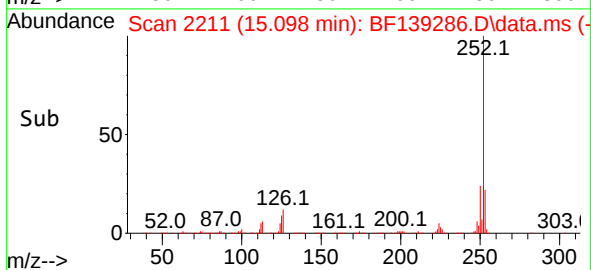
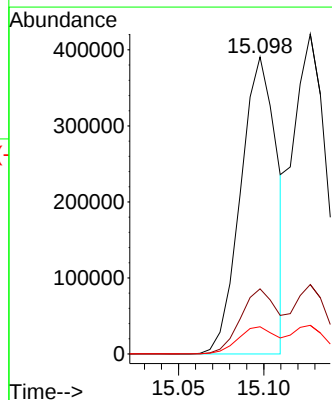
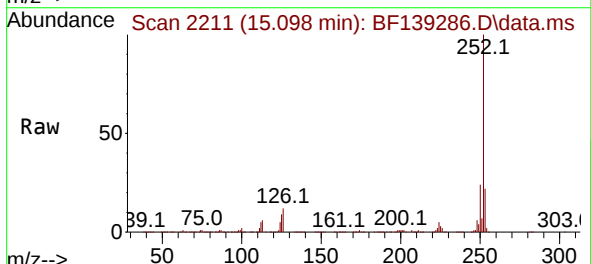
Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

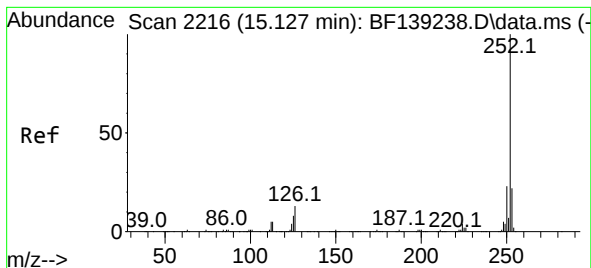
Tgt Ion:276 Resp: 451384
Ion Ratio Lower Upper
276 100
138 23.3 20.4 30.6
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 54.627 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:252 Resp: 574508
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.1 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 61.500 ng

RT: 15.127 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02MSD

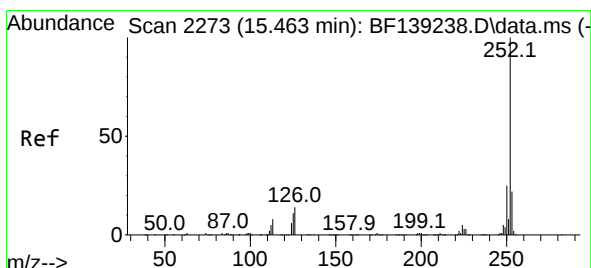
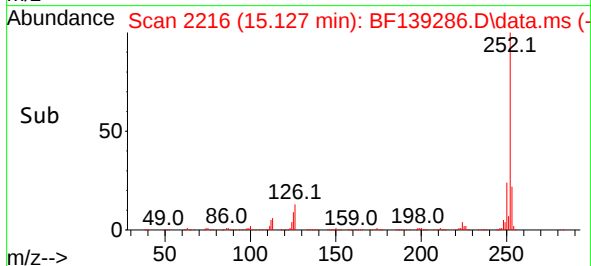
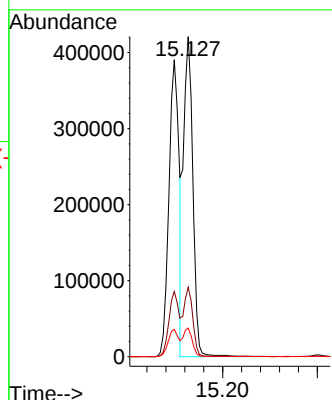
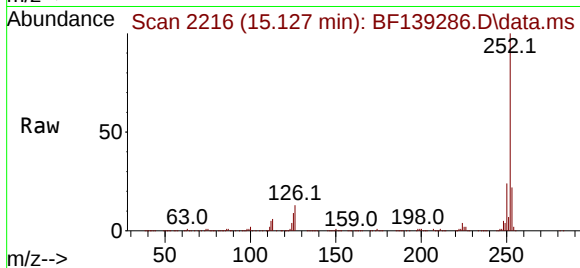
Tgt Ion:252 Resp: 579932

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 56.605 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF139286.D

Acq: 09 Sep 2024 16:48

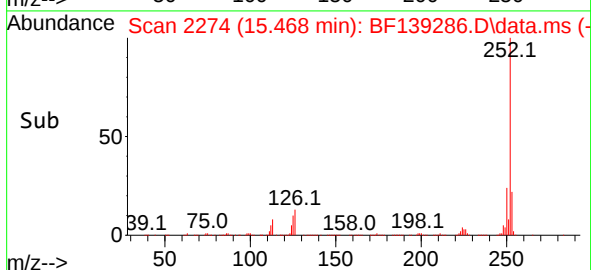
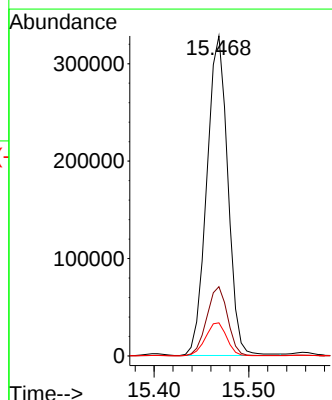
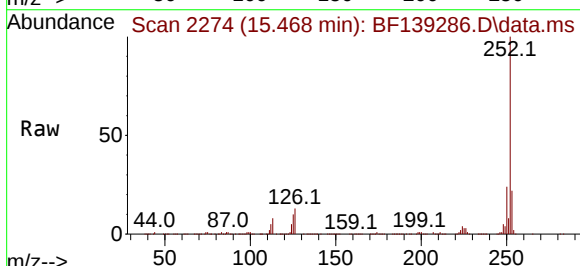
Tgt Ion:252 Resp: 505499

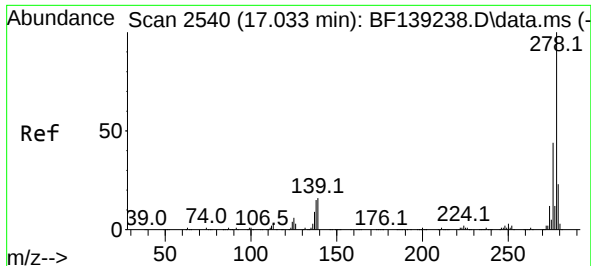
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.4 8.6 13.0

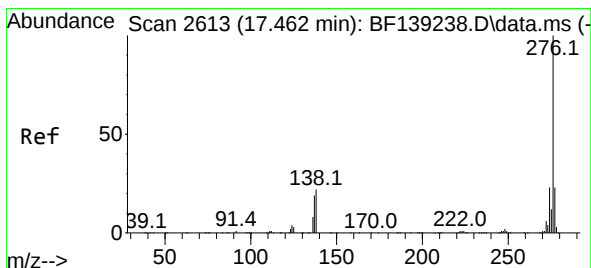
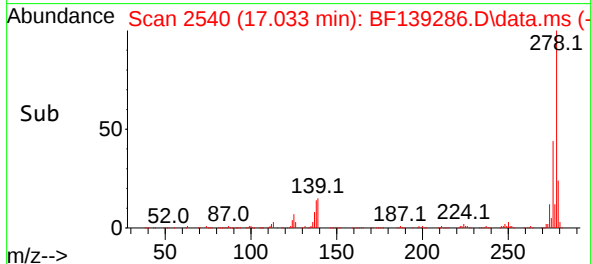
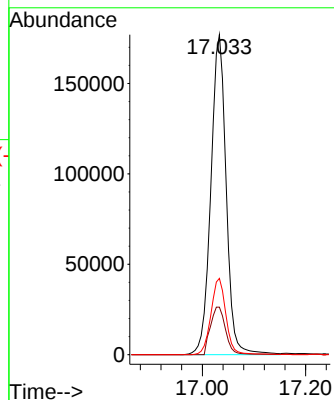
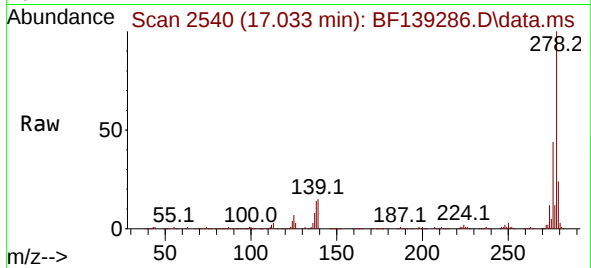




#91
Dibenzo(a,h)anthracene
Concen: 38.804 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Instrument :
BNA_F
ClientSampleId :
DN-W-02MSD

Tgt Ion:278 Resp: 364822
Ion Ratio Lower Upper
278 100
139 14.9 12.6 19.0
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 33.608 ng
RT: 17.456 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF139286.D
Acq: 09 Sep 2024 16:48

Tgt Ion:276 Resp: 326157
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 20.5 17.4 26.0

