

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139298.D
 Acq On : 10 Sep 2024 14:29
 Operator : RC/JU
 Sample : P3905-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

Quant Time: Sep 10 15:09:17 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	116269	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	428606	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	230175	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	392137	20.000	ng	0.00
76) Chrysene-d12	14.057	240	196296	20.000	ng	0.00
86) Perylene-d12	15.527	264	205553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	672081	96.698	ng	0.01
7) Phenol-d6	6.516	99	913852	98.491	ng	0.00
23) Nitrobenzene-d5	7.451	82	582229	70.669	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	221313	111.347	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1053673	70.663	ng	0.00
79) Terphenyl-d14	12.998	244	846994	69.667	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	132301	40.876	ng	99
3) Pyridine	3.510	79	339552	43.461	ng	100
4) n-Nitrosodimethylamine	3.475	42	233732	46.069	ng	99
6) Aniline	6.551	93	354978	41.604	ng	97
8) 2-Chlorophenol	6.675	128	359997	49.978	ng	97
9) Benzaldehyde	6.440	77	87297	15.543	ng	97
10) Phenol	6.534	94	473960	48.428	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	348775	49.743	ng	98
12) 1,3-Dichlorobenzene	6.828	146	380789	46.705	ng	99
13) 1,4-Dichlorobenzene	6.904	146	384784	47.152	ng	99
14) 1,2-Dichlorobenzene	7.057	146	368098	48.364	ng	99
15) Benzyl Alcohol	7.028	79	349721	51.684	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	663628	49.719	ng	97
17) 2-Methylphenol	7.139	107	290387	49.353	ng	97
18) Hexachloroethane	7.404	117	143407	49.203	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	271593	50.823	ng	98
20) 3+4-Methylphenols	7.292	107	362800	48.924	ng	97
22) Acetophenone	7.298	105	493814	48.361	ng	99
24) Nitrobenzene	7.475	77	414460	47.396	ng	99
25) Isophorone	7.710	82	729154	51.766	ng	100
26) 2-Nitrophenol	7.786	139	189724	55.240	ng	99
27) 2,4-Dimethylphenol	7.822	122	299416	61.127	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	421946	50.279	ng	99
29) 2,4-Dichlorophenol	8.028	162	298652	50.922	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	312733	46.689	ng	100
31) Naphthalene	8.198	128	1042765	48.042	ng	100
32) Benzoic acid	7.939	122	197307	44.223	ng	99
33) 4-Chloroaniline	8.239	127	112017	14.905	ng	99
34) Hexachlorobutadiene	8.310	225	210772	49.659	ng	98
35) Caprolactam	8.616	113	66832	36.809	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	324363	50.752	ng	99
37) 2-Methylnaphthalene	8.886	142	676053	49.784	ng	99
38) 1-Methylnaphthalene	8.986	142	627206	46.962	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	319896	49.122	ng	99
41) Hexachlorocyclopentadiene	9.039	237	375484	179.410	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	223303	52.407	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139298.D
 Acq On : 10 Sep 2024 14:29
 Operator : RC/JU
 Sample : P3905-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

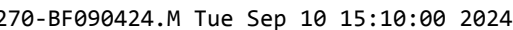
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

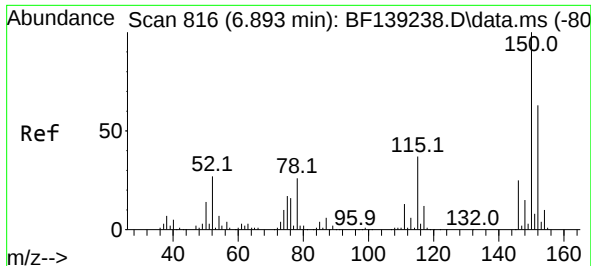
Quant Time: Sep 10 15:09:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	226139	50.646	ng	99
46) 1,1'-Biphenyl	9.351	154	838989	49.197	ng	100
47) 2-Chloronaphthalene	9.375	162	628552	48.812	ng	100
48) 2-Nitroaniline	9.469	65	234138	52.789	ng	98
49) Acenaphthylene	9.792	152	1033952	53.311	ng	99
50) Dimethylphthalate	9.651	163	743341	53.283	ng	99
51) 2,6-Dinitrotoluene	9.716	165	162265	51.270	ng	95
52) Acenaphthene	9.963	154	719839	55.959	ng	98
53) 3-Nitroaniline	9.880	138	117122	34.733	ng	99
54) 2,4-Dinitrophenol	9.986	184	168971	99.840	ng	# 68
55) Dibenzofuran	10.133	168	933746	50.629	ng	99
56) 4-Nitrophenol	10.039	139	248825	99.975	ng	98
57) 2,4-Dinitrotoluene	10.116	165	218995	54.364	ng	98
58) Fluorene	10.480	166	702764	49.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	188014	53.493	ng	98
60) Diethylphthalate	10.351	149	751690	54.751	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	347058	50.329	ng	99
62) 4-Nitroaniline	10.498	138	161295	50.250	ng	99
63) Azobenzene	10.627	77	806356	55.726	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	106478	58.766	ng	97
66) n-Nitrosodiphenylamine	10.586	169	615305	53.905	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	205372	53.979	ng	97
68) Hexachlorobenzene	11.022	284	222849	51.165	ng	98
69) Atrazine	11.116	200	196253	74.522	ng	100
70) Pentachlorophenol	11.216	266	242790	96.501	ng	96
71) Phenanthrene	11.439	178	971673	53.042	ng	100
72) Anthracene	11.492	178	956667	53.460	ng	99
73) Carbazole	11.645	167	809530	48.401	ng	100
74) Di-n-butylphthalate	11.974	149	1033770	60.365	ng	100
75) Fluoranthene	12.627	202	930321	50.656	ng	100
77) Benzidine	12.751	184	287712	72.793	ng	99
78) Pyrene	12.857	202	925308	48.797	ng	100
80) Butylbenzylphthalate	13.474	149	321465	72.014	ng	99
81) Benzo(a)anthracene	14.045	228	685616	54.699	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	145047	43.574	ng	99
83) Chrysene	14.080	228	619706	52.973	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	411944	78.624	ng	100
85) Di-n-octyl phthalate	14.651	149	685901	68.377	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	515106	40.114	ng	98
88) Benzo(b)fluoranthene	15.098	252	747705	63.163	ng	99
89) Benzo(k)fluoranthene	15.127	252	569652	53.670	ng	100
90) Benzo(a)pyrene	15.468	252	615068	61.190	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	406893	38.450	ng	99
92) Benzo(g,h,i)perylene	17.456	276	373443	34.188	ng	99

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

Quant Time: Sep 10 15:09:17 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

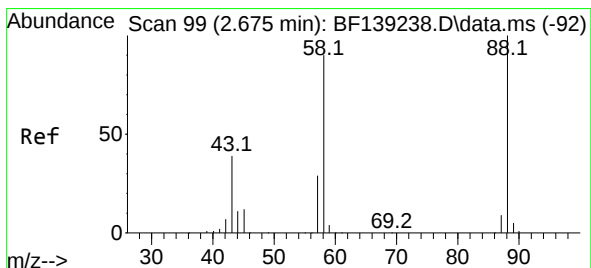
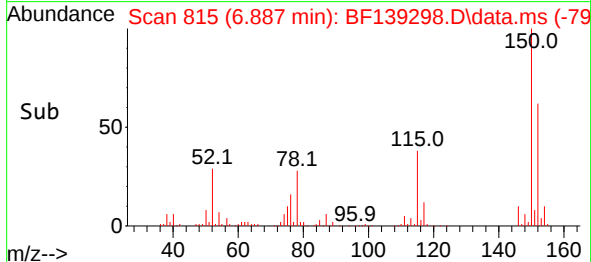
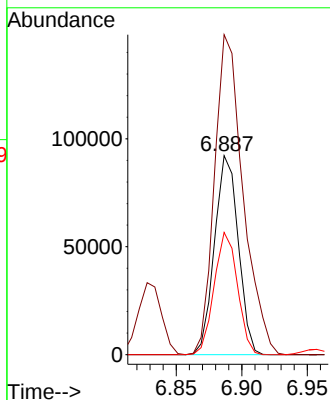
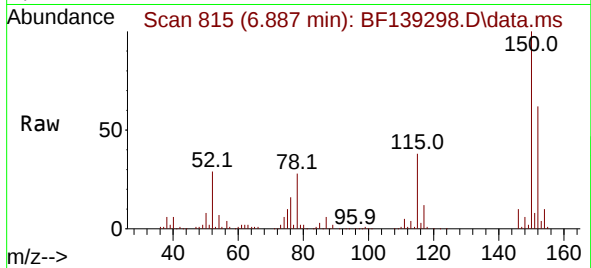




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139298.D
 Acq: 10 Sep 2024 14:29

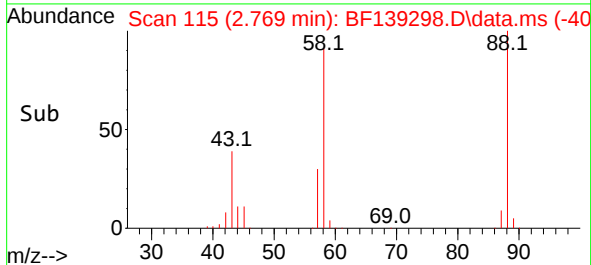
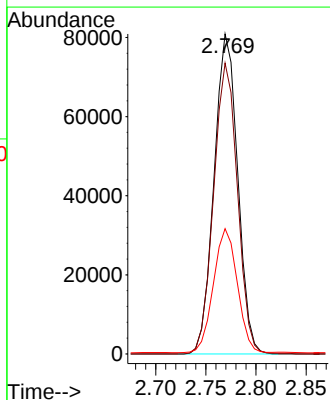
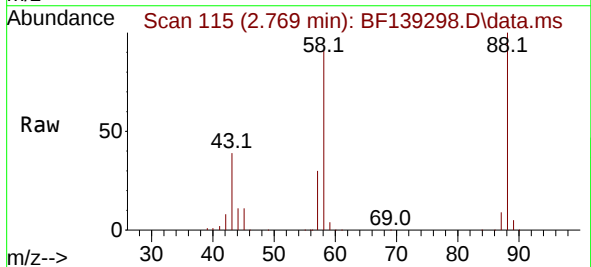
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

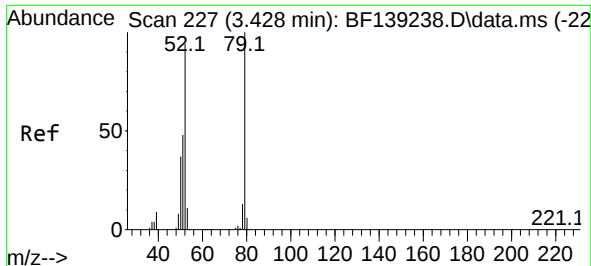
Tgt Ion:152 Resp: 116269
 Ion Ratio Lower Upper
 152 100
 150 160.8 127.0 190.4
 115 61.4 46.9 70.3



#2
 1,4-Dioxane
 Concen: 40.876 ng
 RT: 2.769 min Scan# 115
 Delta R.T. 0.094 min
 Lab File: BF139298.D
 Acq: 10 Sep 2024 14:29

Tgt Ion: 88 Resp: 132301
 Ion Ratio Lower Upper
 88 100
 58 91.8 72.5 108.7
 43 39.2 31.4 47.2





#3

Pyridine

Concen: 43.461 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.082 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

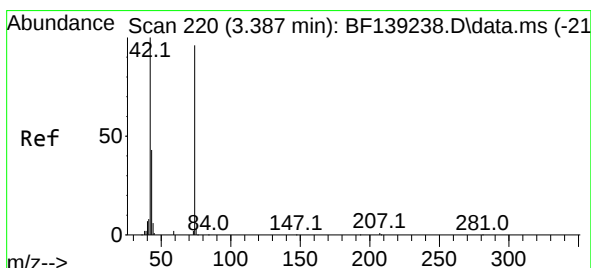
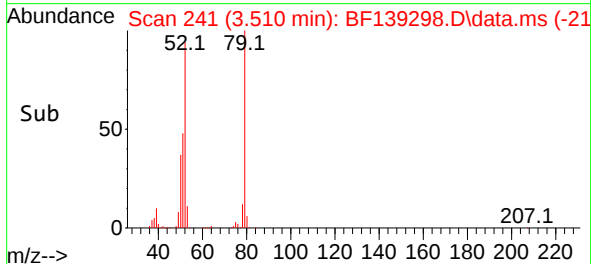
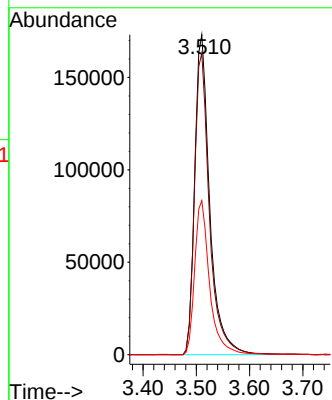
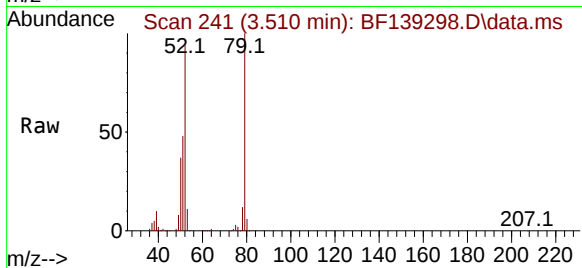
Tgt Ion: 79 Resp: 339552

Ion Ratio Lower Upper

79 100

52 94.3 75.3 112.9

51 48.2 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 46.069 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.088 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

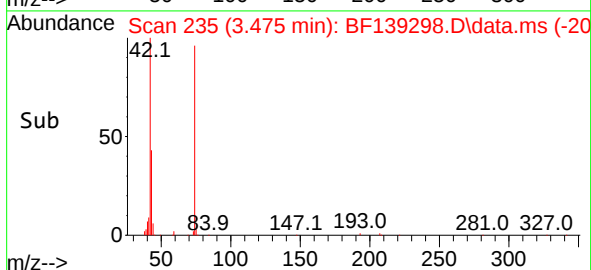
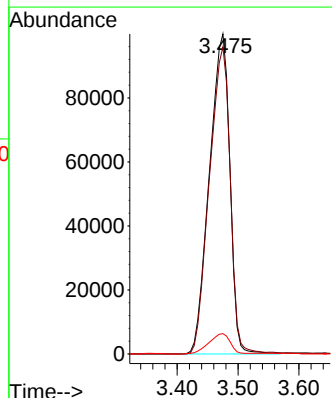
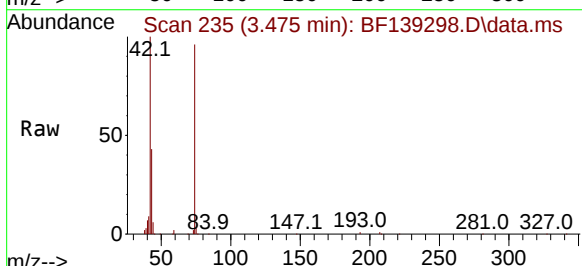
Tgt Ion: 42 Resp: 233732

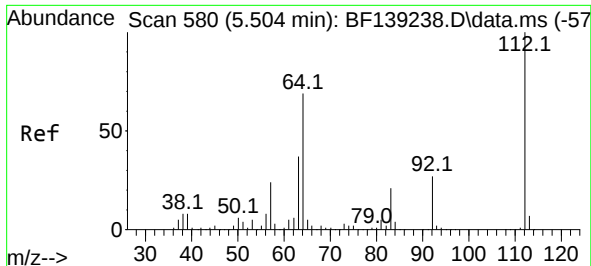
Ion Ratio Lower Upper

42 100

74 96.0 77.2 115.8

44 6.4 5.1 7.7

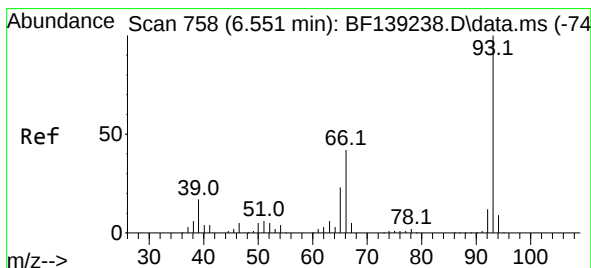
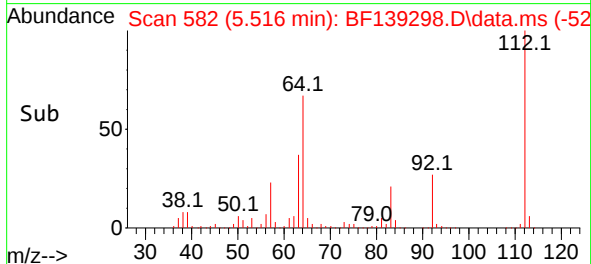
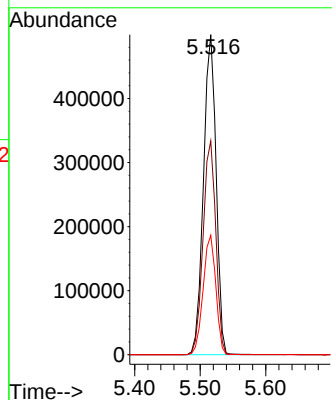
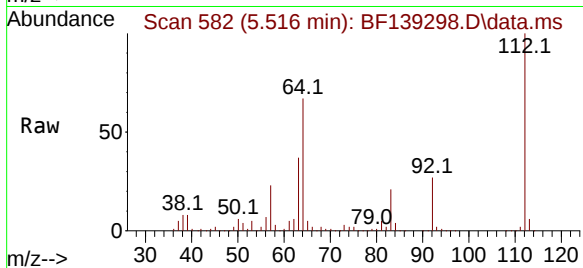




#5
2-Fluorophenol
Concen: 96.698 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

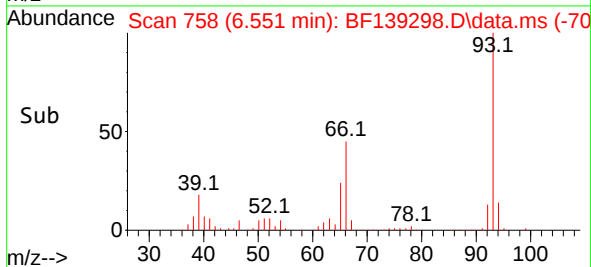
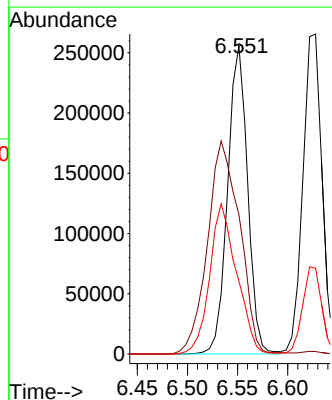
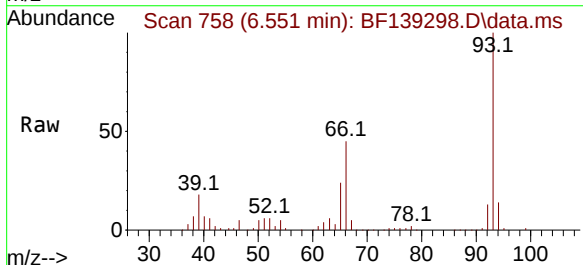
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

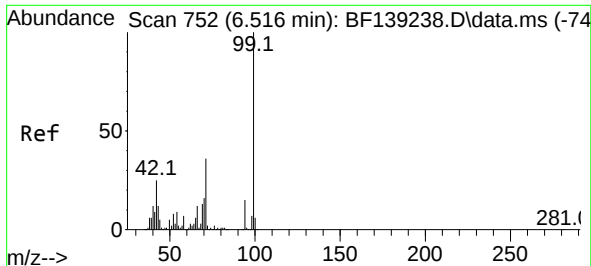
Tgt Ion:112 Resp: 672081
Ion Ratio Lower Upper
112 100
64 66.8 55.0 82.4
63 37.3 29.9 44.9



#6
Aniline
Concen: 41.604 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion: 93 Resp: 354978
Ion Ratio Lower Upper
93 100
66 45.2 34.4 51.6
65 23.6 18.2 27.4





#7

Phenol-d6

Concen: 98.491 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

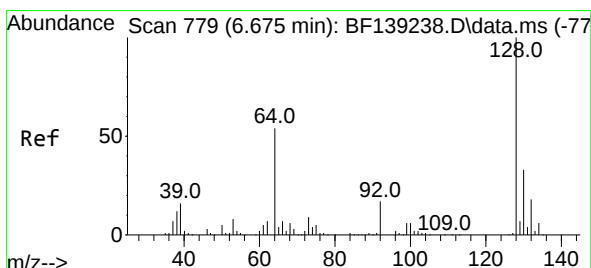
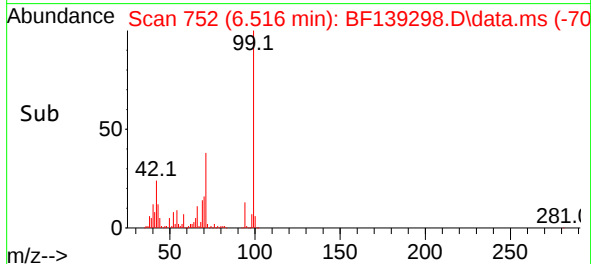
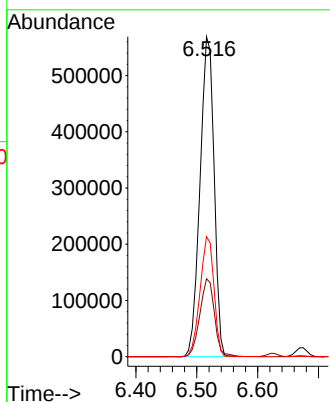
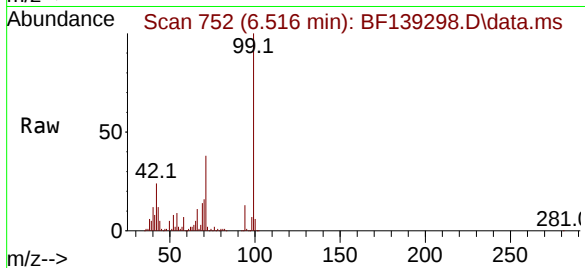
Tgt Ion: 99 Resp: 913852

Ion Ratio Lower Upper

99 100

42 24.4 19.8 29.6

71 37.5 28.8 43.2



#8

2-Chlorophenol

Concen: 49.978 ng

RT: 6.675 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

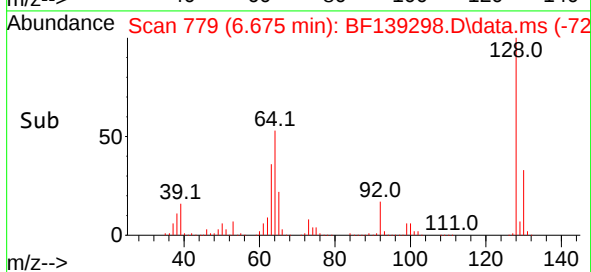
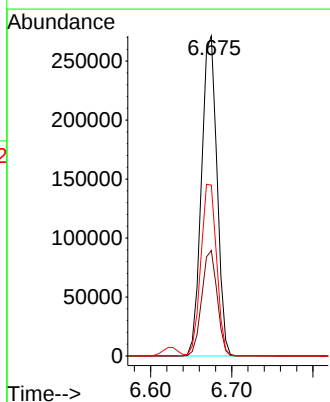
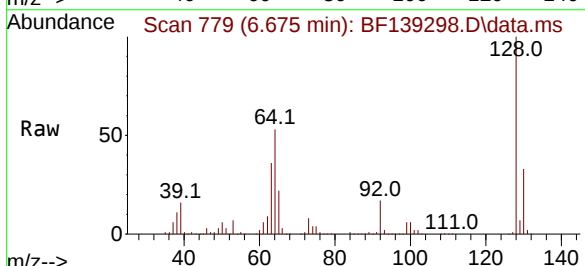
Tgt Ion:128 Resp: 359997

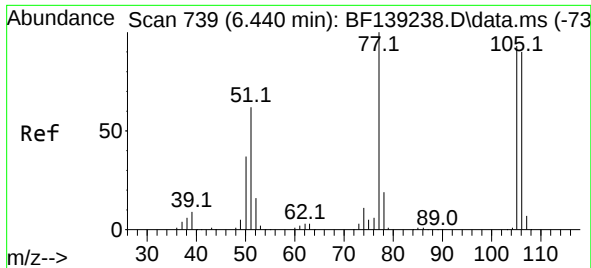
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 53.4 36.6 76.6





#9

Benzaldehyde

Concen: 15.543 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139298.D

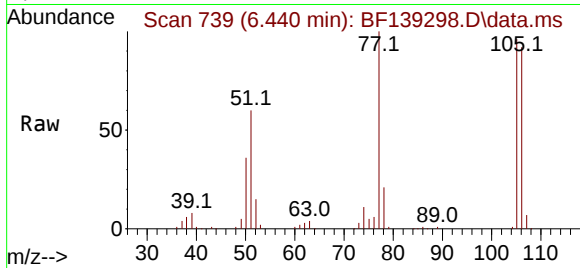
Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



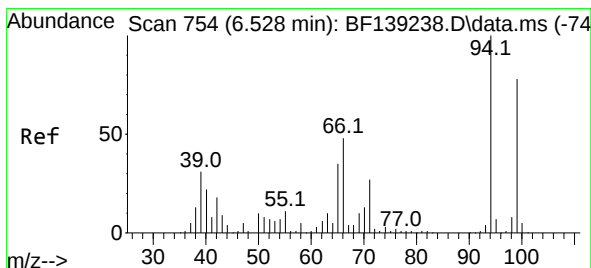
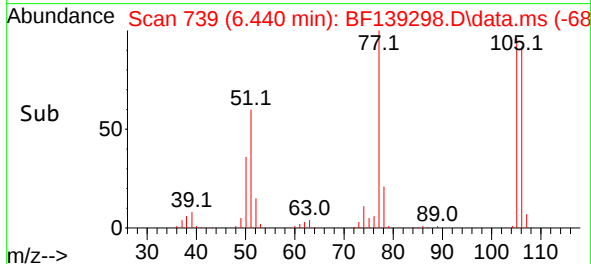
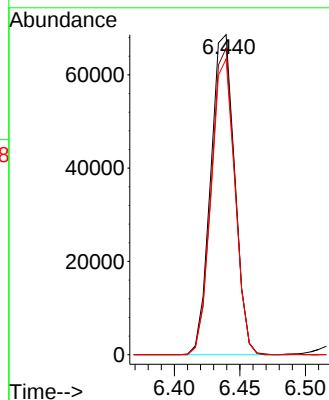
Tgt Ion: 77 Resp: 87297

Ion Ratio Lower Upper

77 100

105 95.8 72.9 112.9

106 92.4 69.6 109.6



#10

Phenol

Concen: 48.428 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

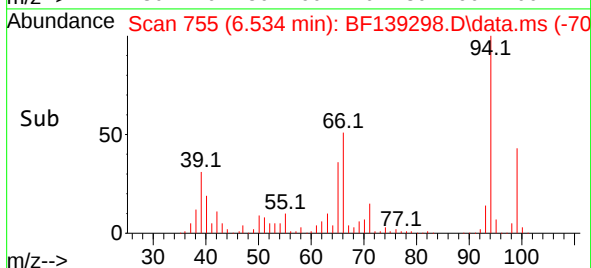
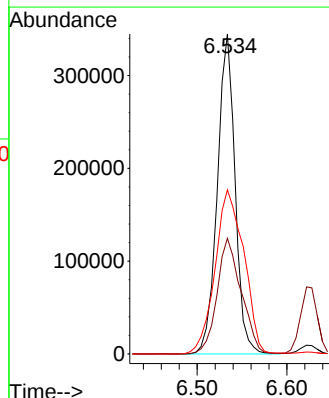
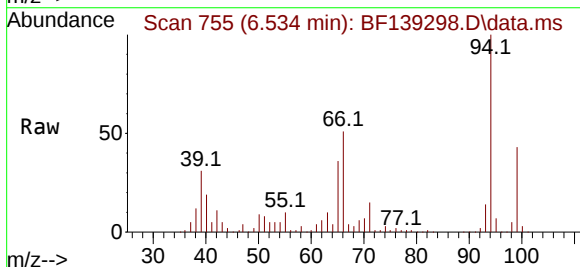
Tgt Ion: 94 Resp: 473960

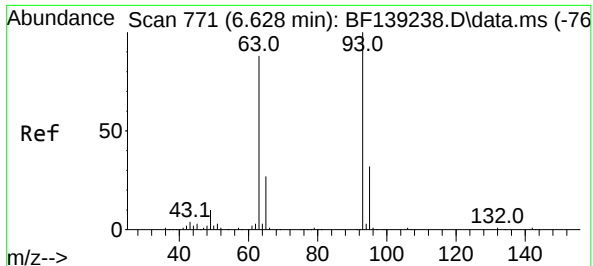
Ion Ratio Lower Upper

94 100

65 36.1 14.7 54.7

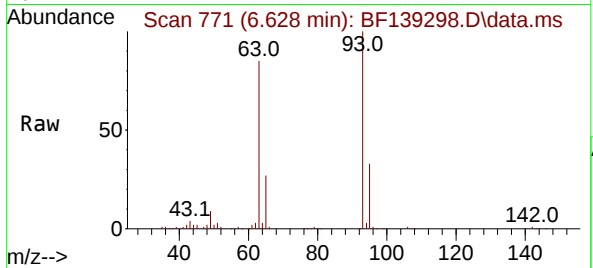
66 51.3 28.5 68.5



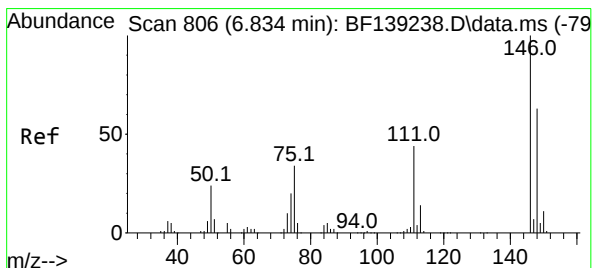
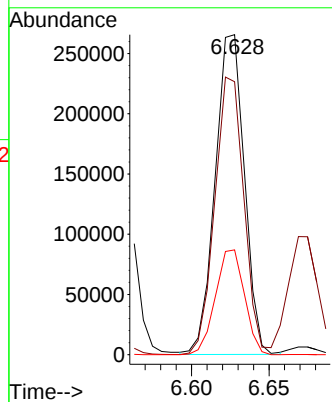
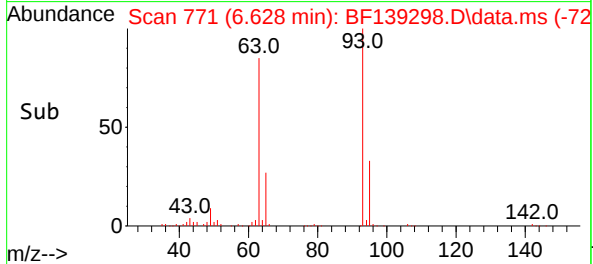


#11
bis(2-Chloroethyl)ether
Concen: 49.743 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

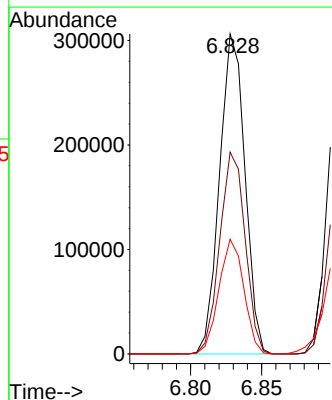
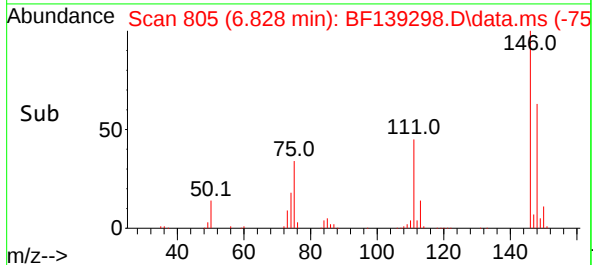
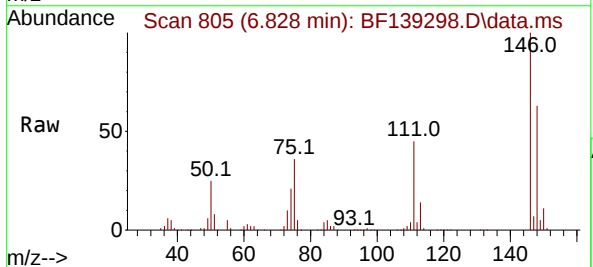


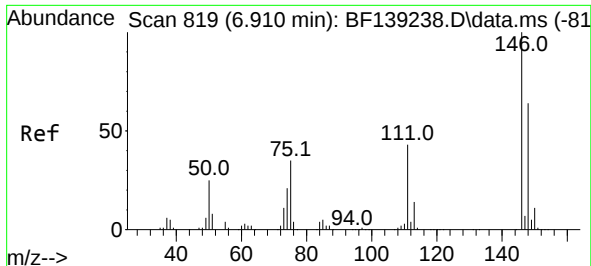
Tgt Ion: 93 Resp: 348775
Ion Ratio Lower Upper
93 100
63 85.3 67.1 107.1
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.705 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:146 Resp: 380789
Ion Ratio Lower Upper
146 100
148 63.0 50.8 76.2
75 35.9 27.3 40.9

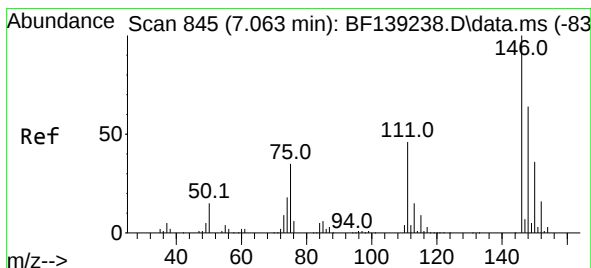
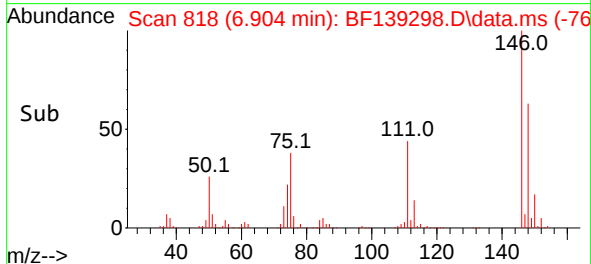
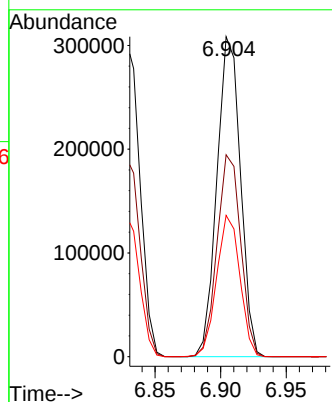
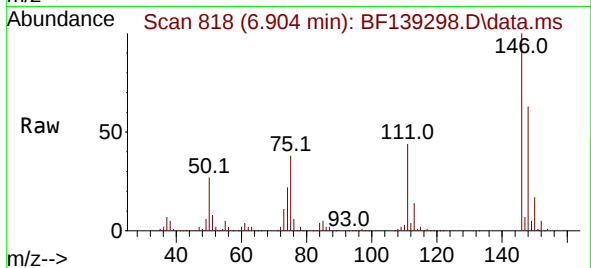




#13
1,4-Dichlorobenzene
Concen: 47.152 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

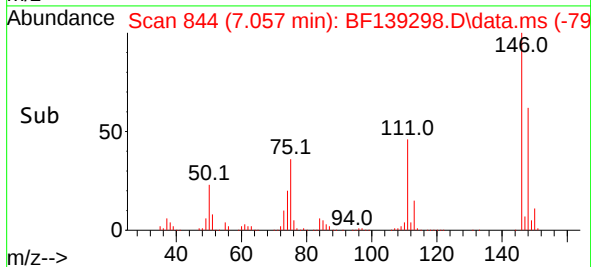
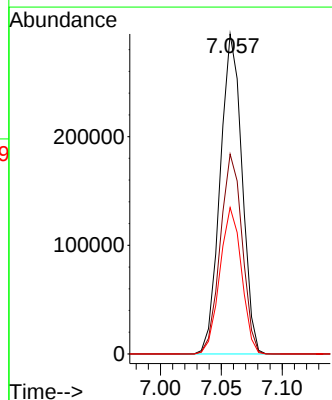
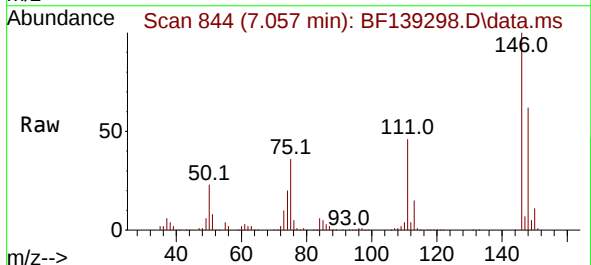
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

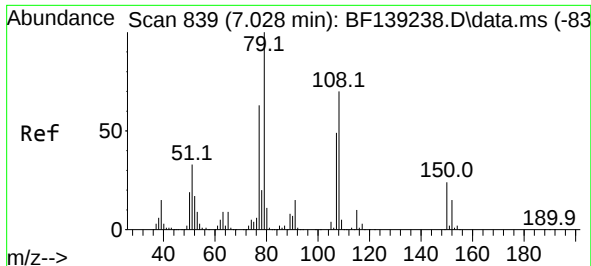
Tgt Ion:146 Resp: 384784
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 44.2 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 48.364 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:146 Resp: 368098
Ion Ratio Lower Upper
146 100
148 62.4 50.9 76.3
111 45.7 36.6 55.0

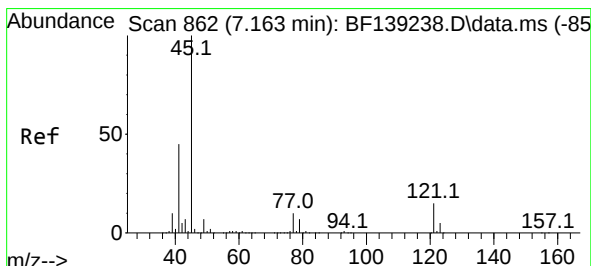
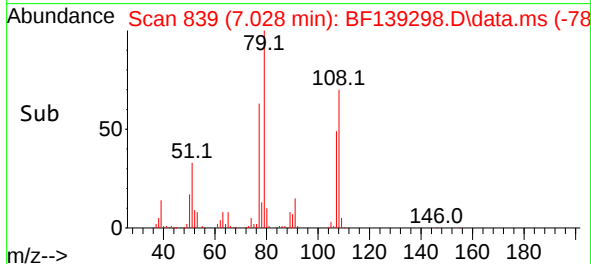
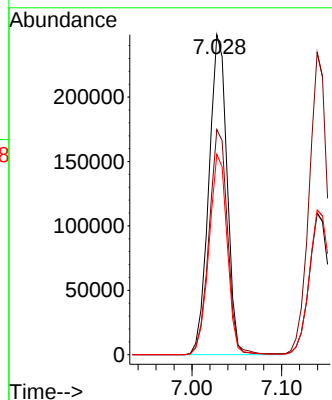
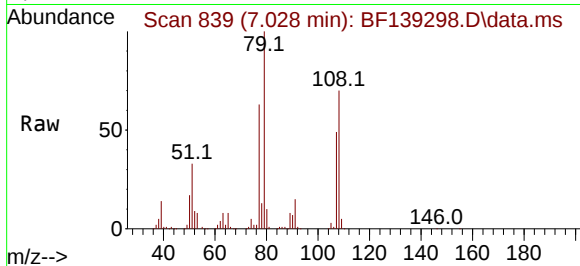




#15
Benzyl Alcohol
Concen: 51.684 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

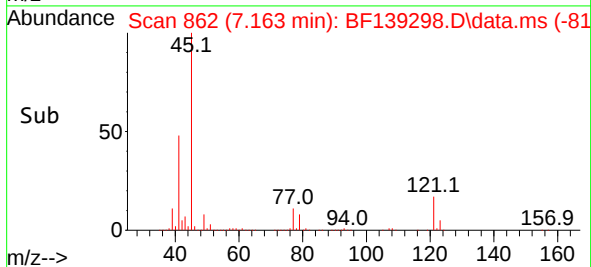
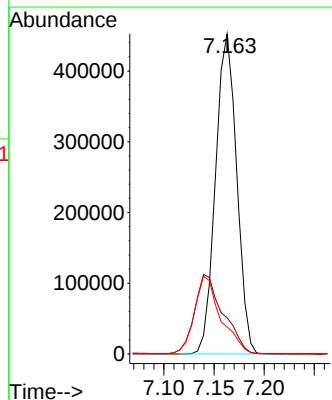
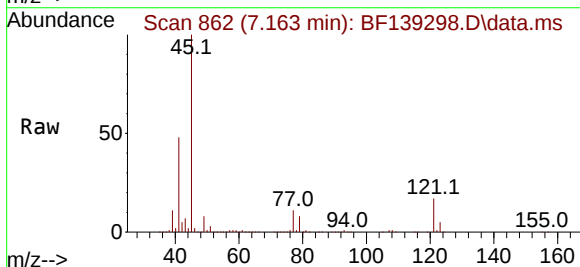
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

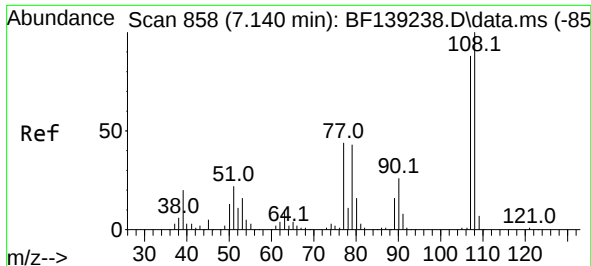
Tgt Ion: 79 Resp: 349721
Ion Ratio Lower Upper
79 100
108 70.4 56.1 84.1
77 62.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.719 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion: 45 Resp: 663628
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.0
79 8.5 0.0 27.6



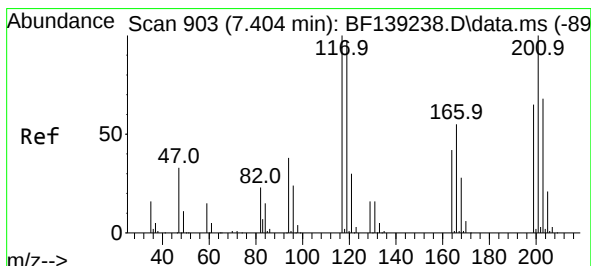
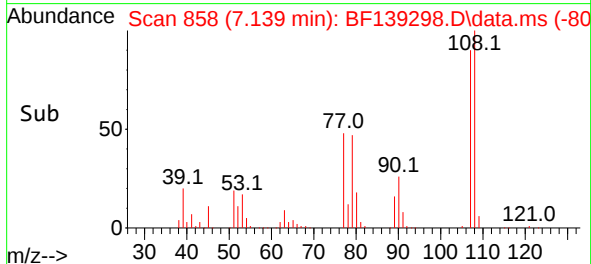
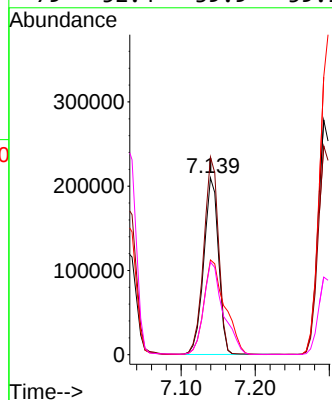
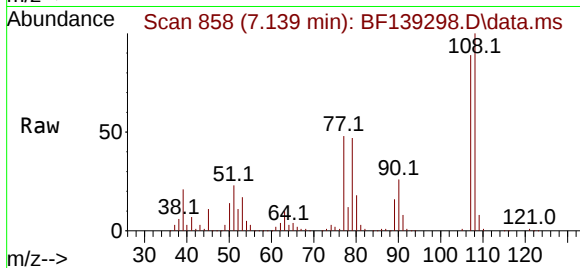


#17
2-Methylphenol
Concen: 49.353 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion:107 Resp: 290387

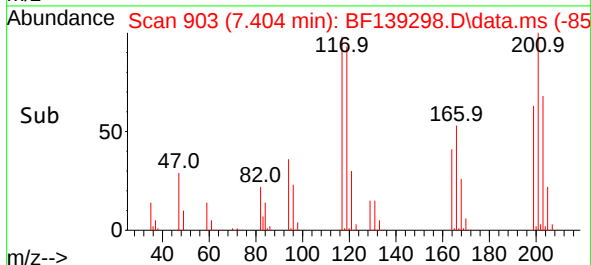
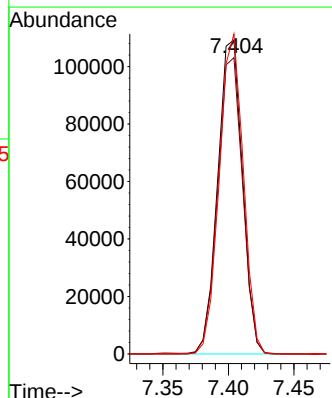
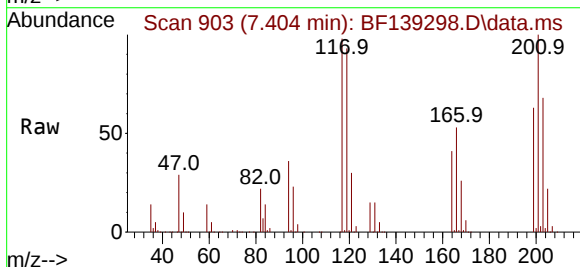
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.4	137.2
77	53.6	40.1	60.1
79	52.4	39.9	59.9



#18
Hexachloroethane
Concen: 49.203 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:117 Resp: 143407

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.2
201	101.9	80.0	120.0



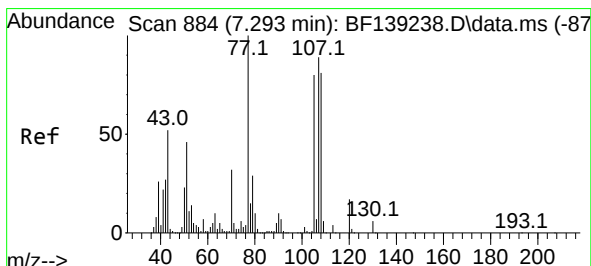
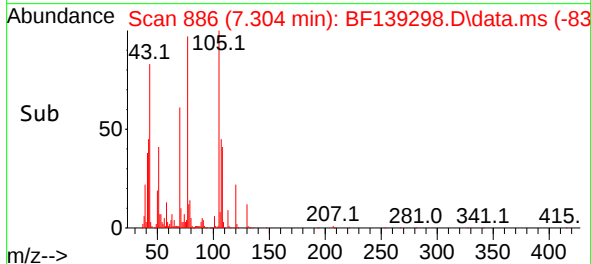
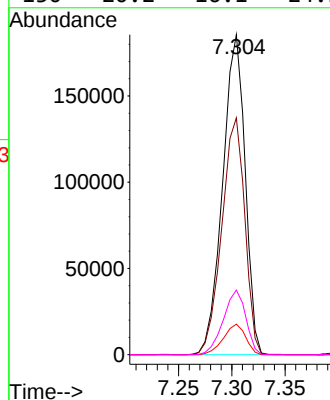
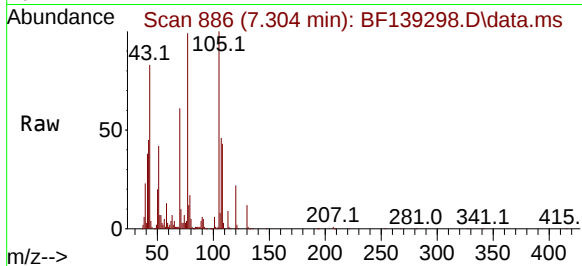


#19
n-Nitroso-di-n-propylamine
Concen: 50.823 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion: 70 Resp: 271593

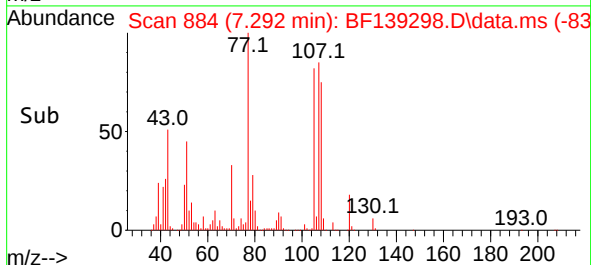
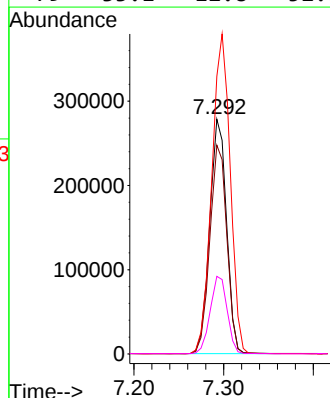
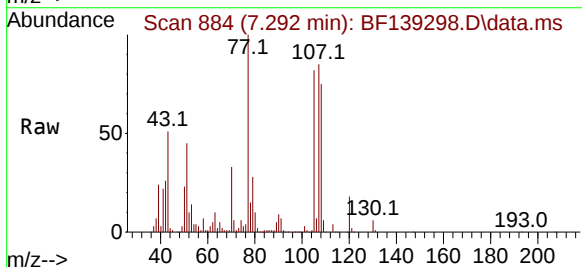
Ion	Ratio	Lower	Upper
70	100		
42	74.0	61.0	91.6
101	9.6	7.2	10.8
130	20.2	16.1	24.1

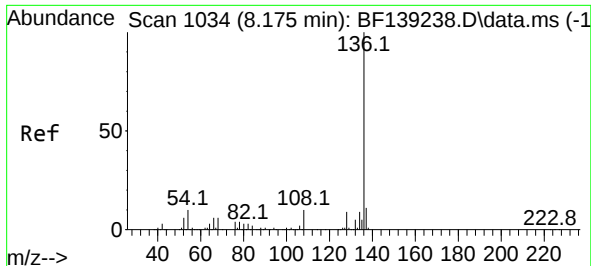


#20
3+4-Methylphenols
Concen: 48.924 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion: 107 Resp: 362800

Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.4	110.4
77	118.3	92.2	132.2
79	33.1	12.8	52.8

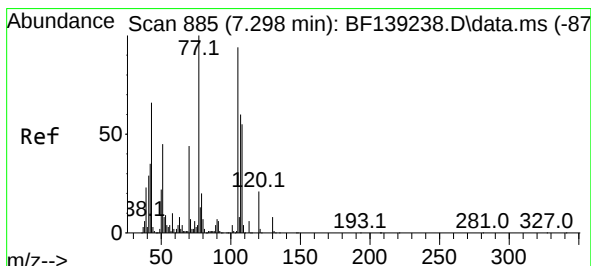
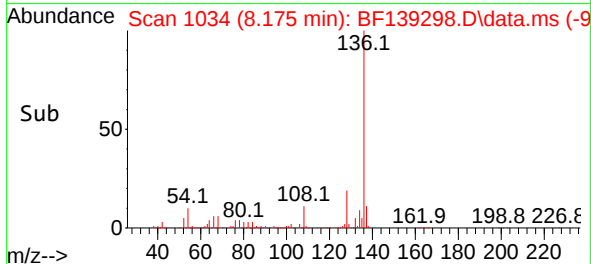
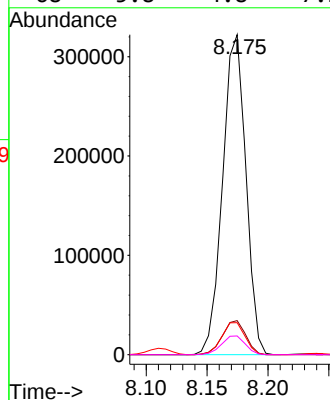
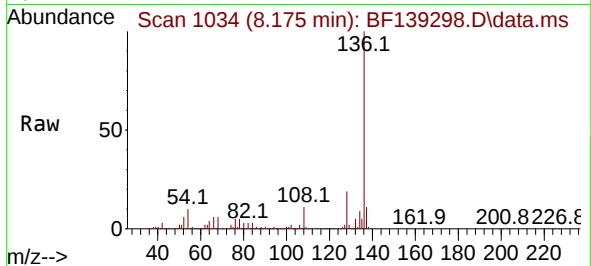




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

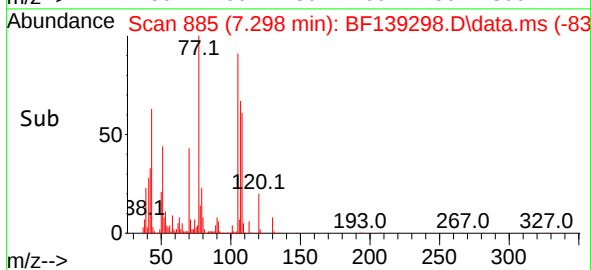
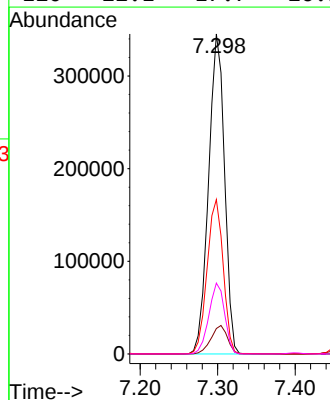
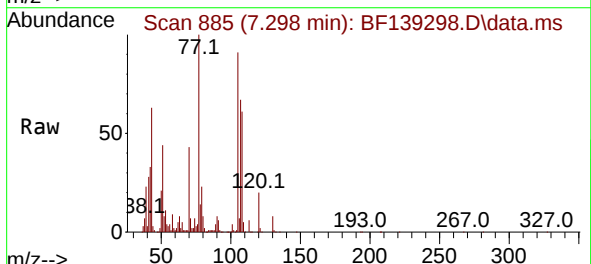
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

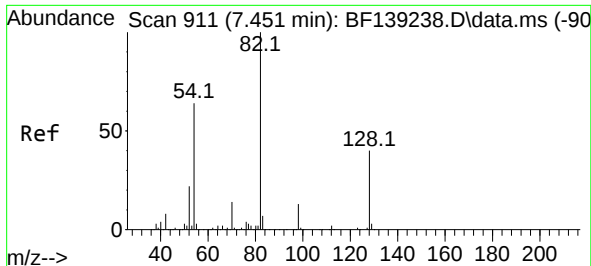
Tgt Ion:136 Resp: 428606
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.0 8.4 12.6
68 5.8 4.8 7.2



#22
Acetophenone
Concen: 48.361 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:105 Resp: 493814
Ion Ratio Lower Upper
105 100
71 7.9 6.2 9.2
51 48.2 38.2 57.2
120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 70.669 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

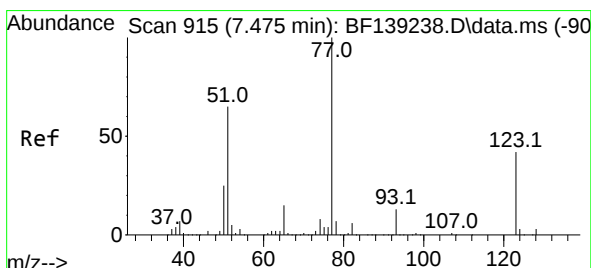
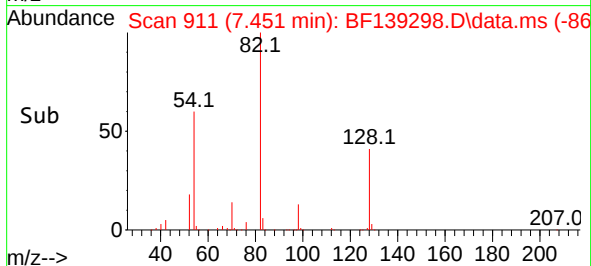
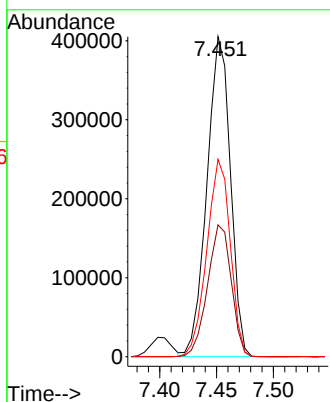
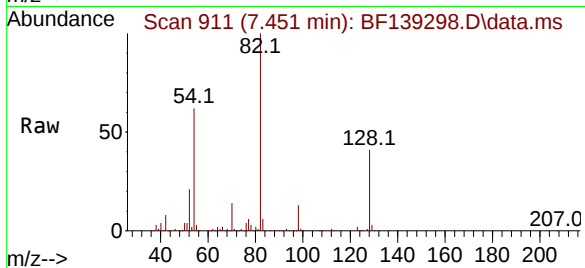
Tgt Ion: 82 Resp: 582229

Ion Ratio Lower Upper

82 100

128 41.2 32.3 48.5

54 61.6 51.2 76.8



#24

Nitrobenzene

Concen: 47.396 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

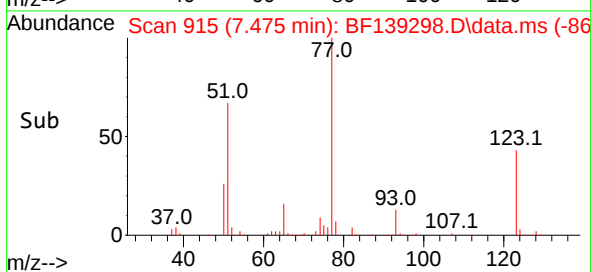
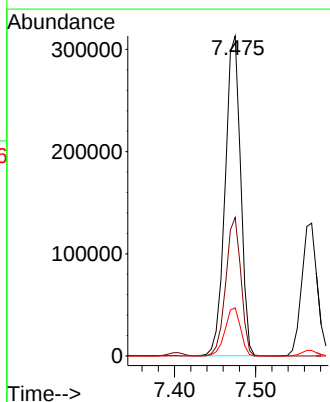
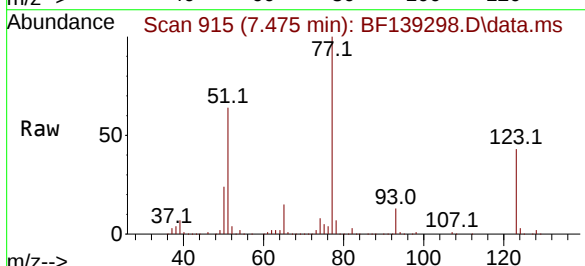
Tgt Ion: 77 Resp: 414460

Ion Ratio Lower Upper

77 100

123 43.3 34.0 51.0

65 15.1 12.1 18.1

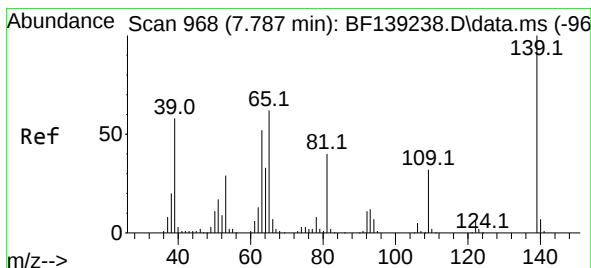
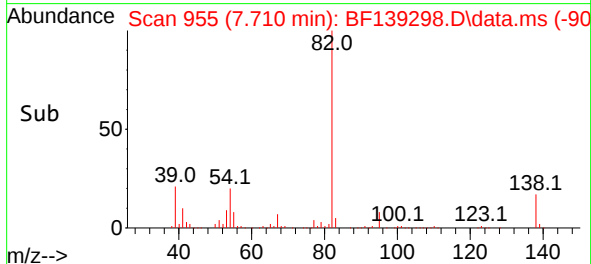
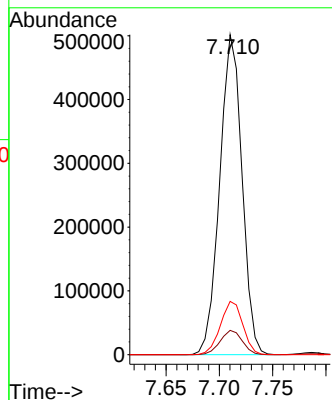
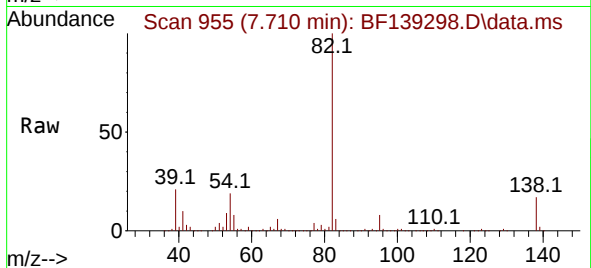




#25
Isophorone
Concen: 51.766 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

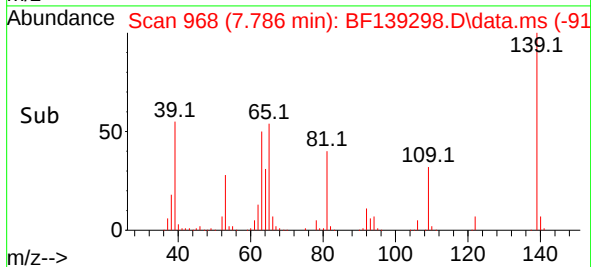
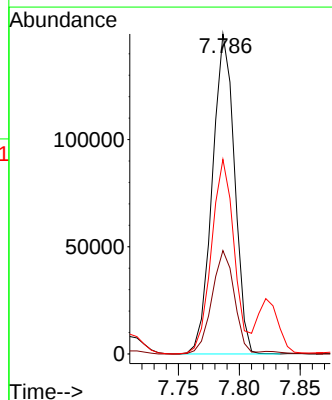
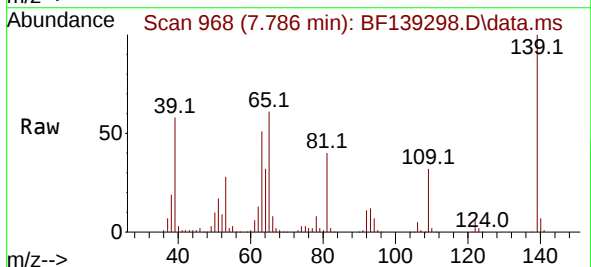
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion: 82 Resp: 729154
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 16.7 13.4 20.0



#26
2-Nitrophenol
Concen: 55.240 ng
RT: 7.786 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:139 Resp: 189724
Ion Ratio Lower Upper
139 100
109 32.3 25.4 38.2
65 60.8 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 61.127 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

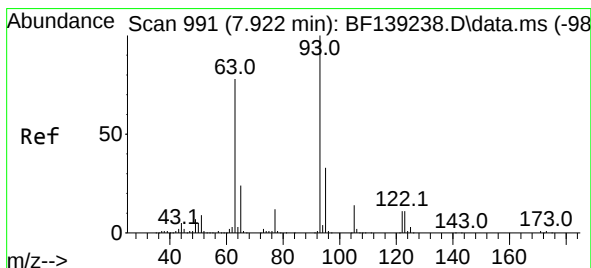
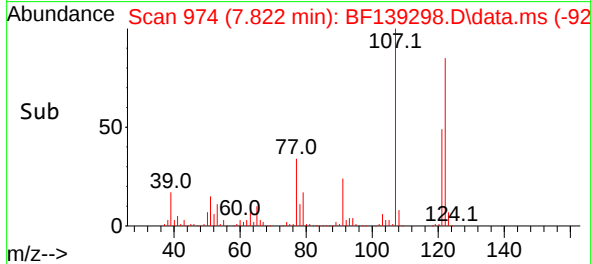
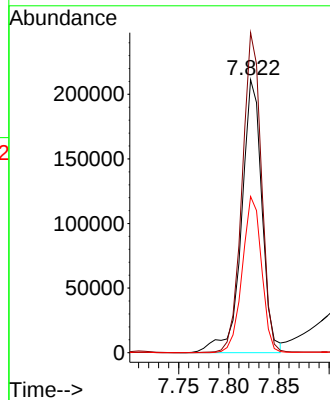
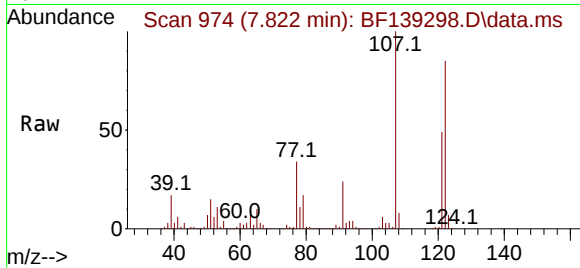
Tgt Ion:122 Resp: 299416

Ion Ratio Lower Upper

122 100

107 117.2 93.4 140.2

121 57.2 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 50.279 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

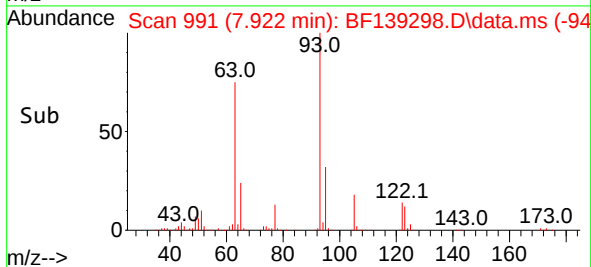
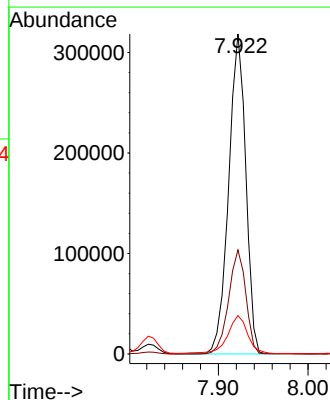
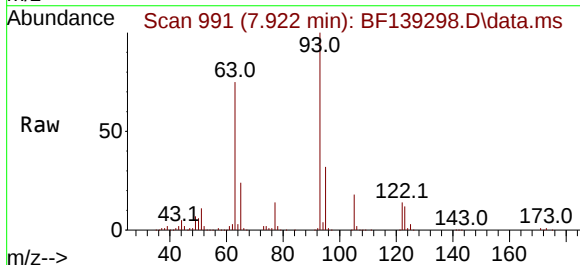
Tgt Ion: 93 Resp: 421946

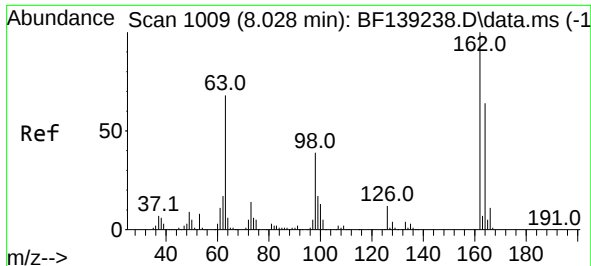
Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.922 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

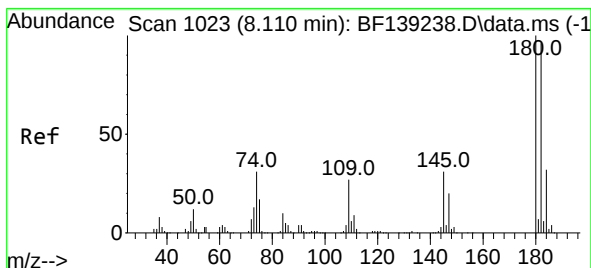
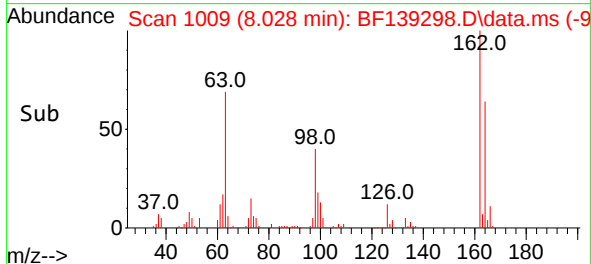
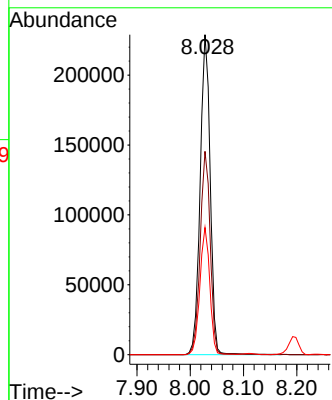
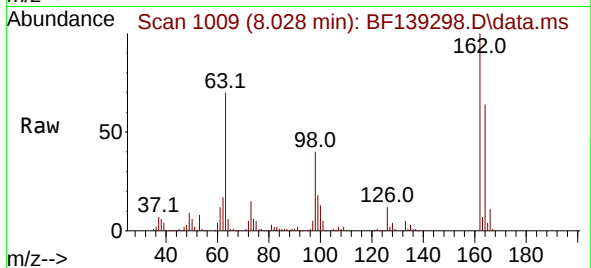
Tgt Ion:162 Resp: 298652

Ion Ratio Lower Upper

162 100

164 63.6 43.6 83.6

98 39.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 46.689 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

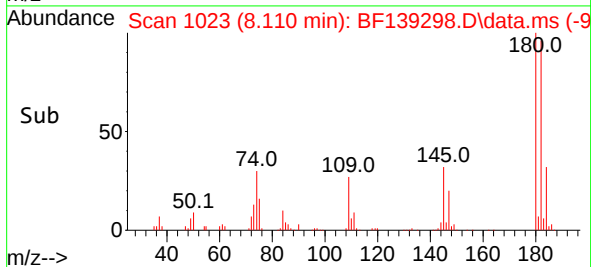
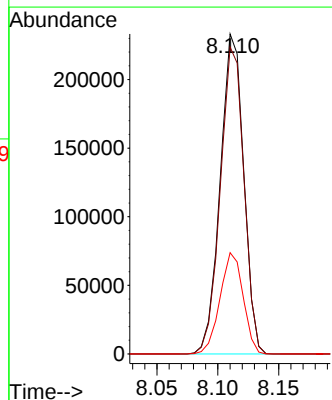
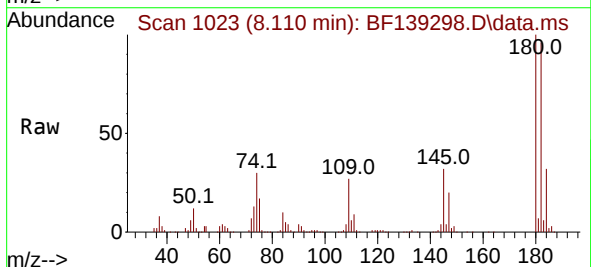
Tgt Ion:180 Resp: 312733

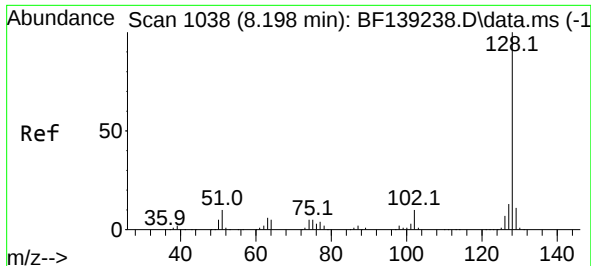
Ion Ratio Lower Upper

180 100

182 95.9 76.5 114.7

145 31.6 25.1 37.7





#31

Naphthalene

Concen: 48.042 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

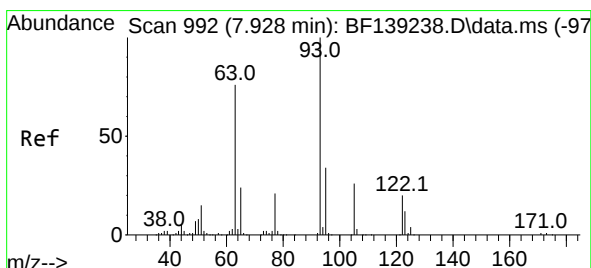
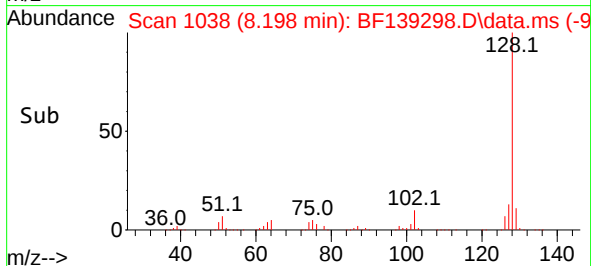
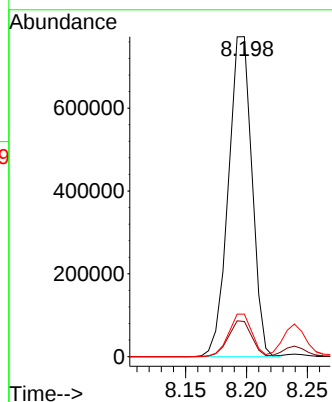
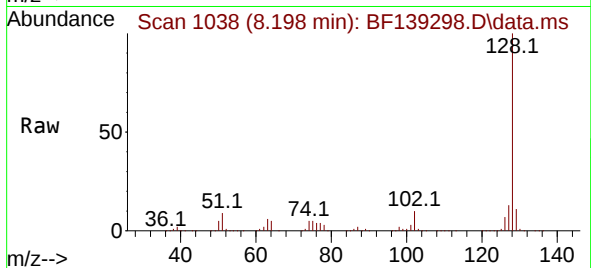
Tgt Ion:128 Resp: 1042765

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 44.223 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.011 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

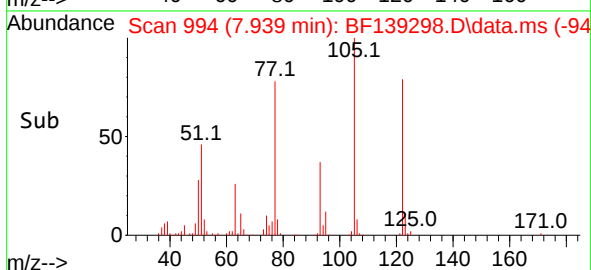
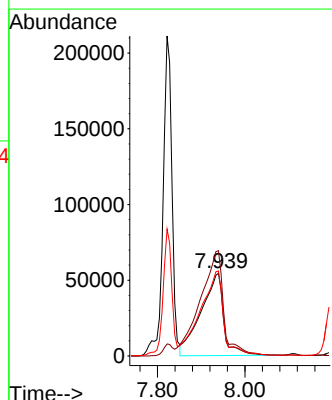
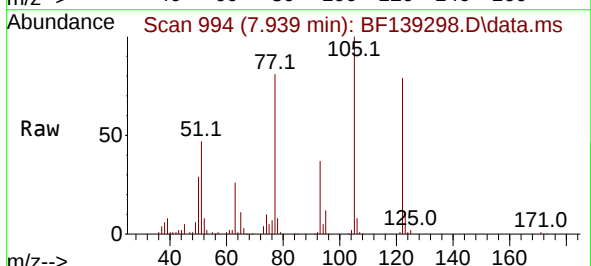
Tgt Ion:122 Resp: 197307

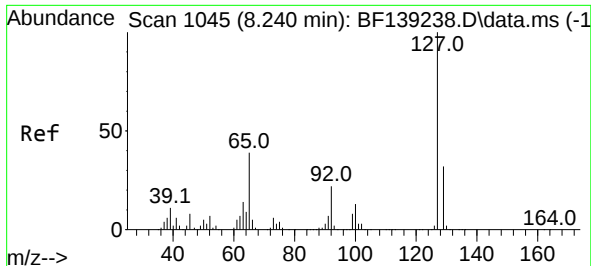
Ion Ratio Lower Upper

122 100

105 127.3 106.3 146.3

77 102.8 84.1 124.1

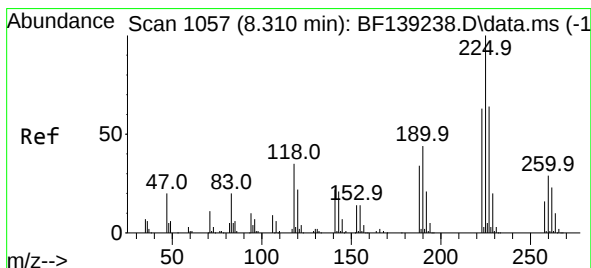
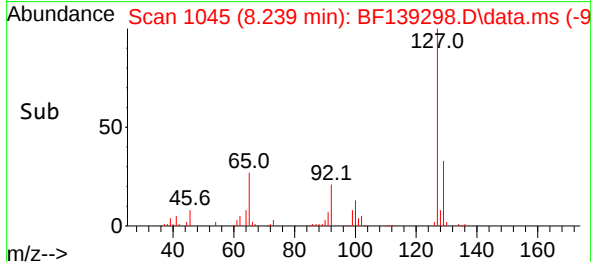
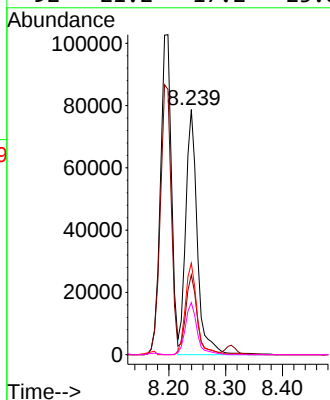
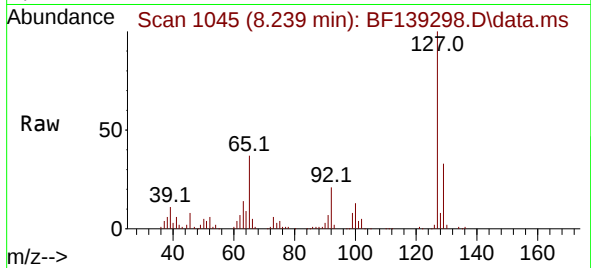




#33
4-Chloroaniline
Concen: 14.905 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

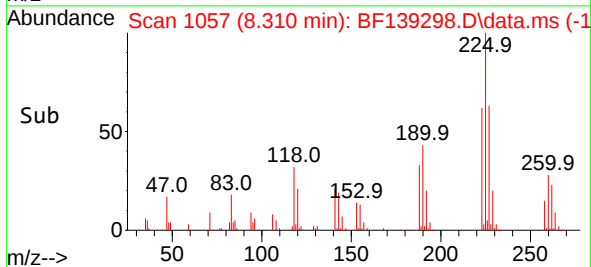
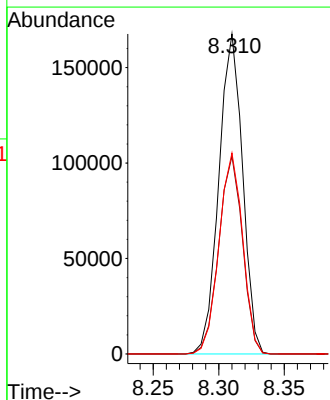
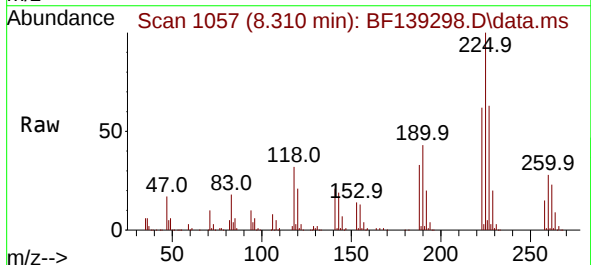
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

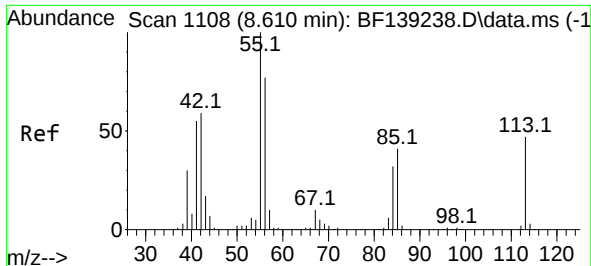
Tgt	Ion:127	Resp:	112017
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	37.3	30.6	45.8
92	21.2	17.2	25.8



#34
Hexachlorobutadiene
Concen: 49.659 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:225	Resp: 210772		
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.7	76.1
227	62.8	51.5	77.3

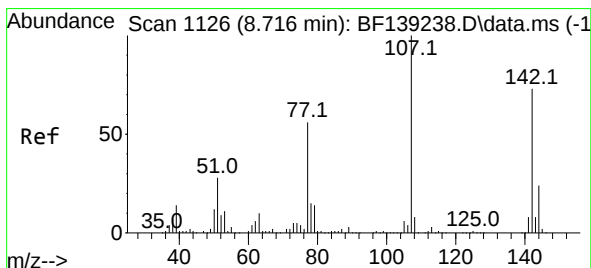
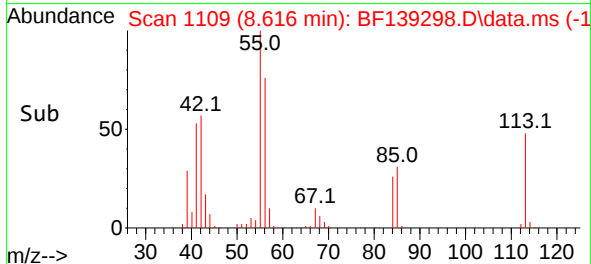
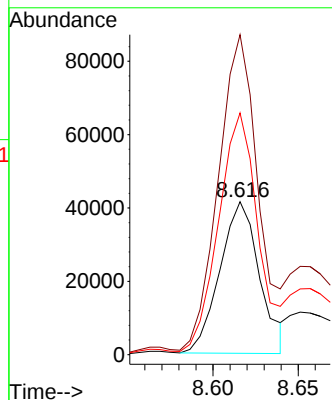
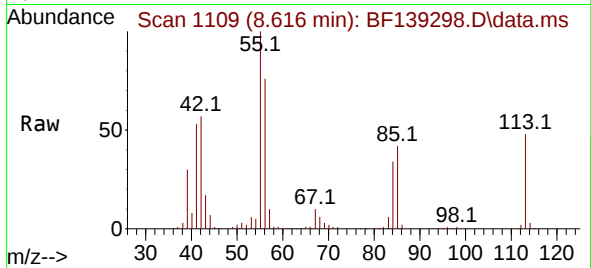




#35
 Caprolactam
 Concen: 36.809 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF139298.D
 Acq: 10 Sep 2024 14:29

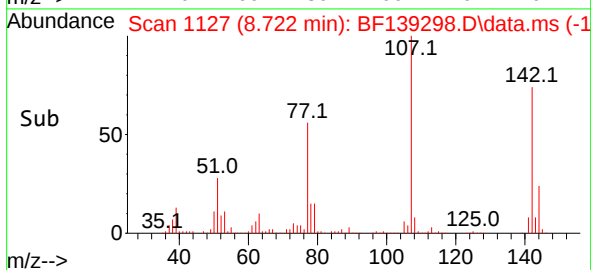
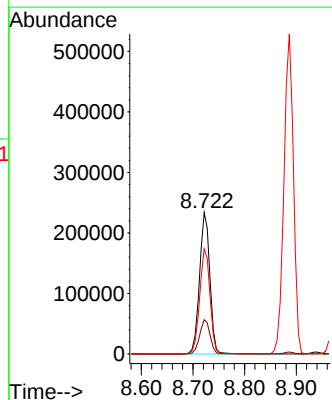
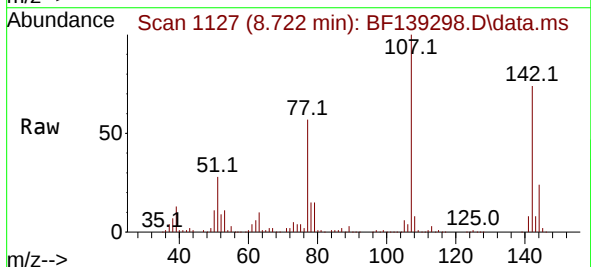
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

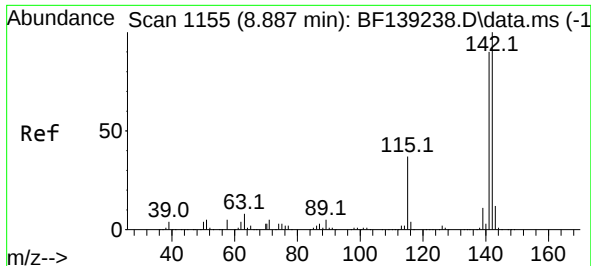
Tgt Ion:113 Resp: 66832
 Ion Ratio Lower Upper
 113 100
 55 209.2 193.7 233.7
 56 158.0 145.0 185.0



#36
 4-Chloro-3-methylphenol
 Concen: 50.752 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF139298.D
 Acq: 10 Sep 2024 14:29

Tgt Ion:107 Resp: 324363
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.1 28.7
 142 74.3 58.3 87.5





#37

2-Methylnaphthalene

Concen: 49.784 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

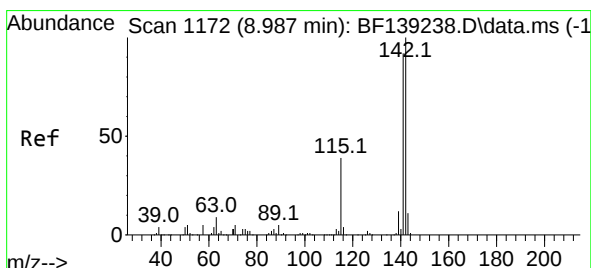
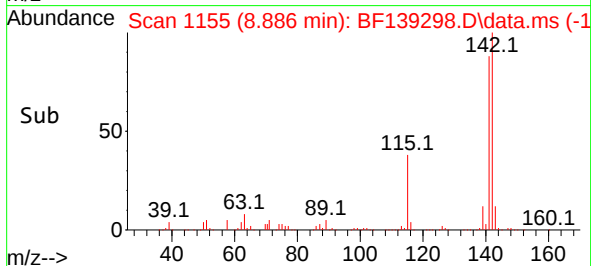
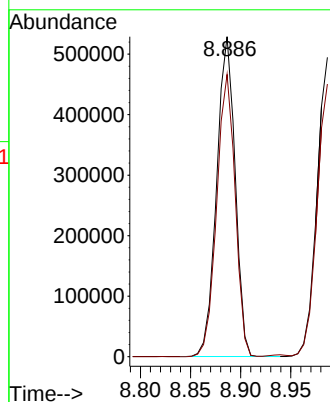
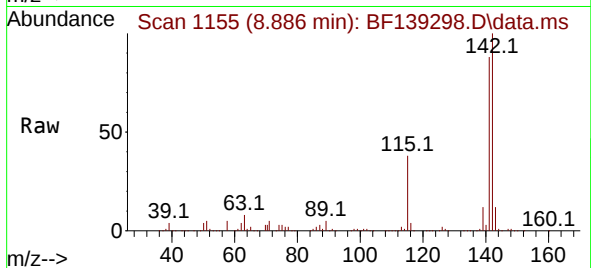
COMP-1MSD

Tgt Ion:142 Resp: 676053

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4



#38

1-Methylnaphthalene

Concen: 46.962 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139298.D

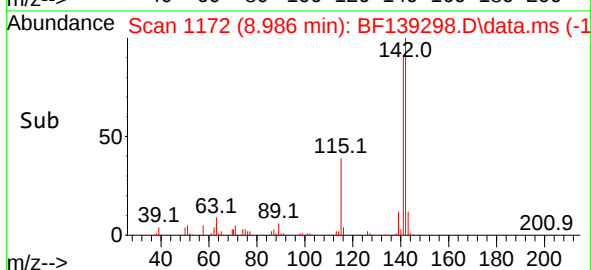
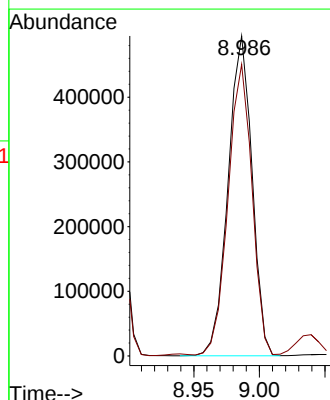
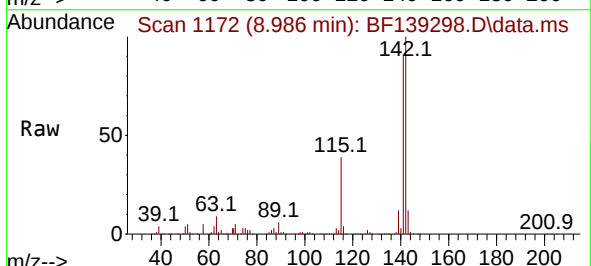
Acq: 10 Sep 2024 14:29

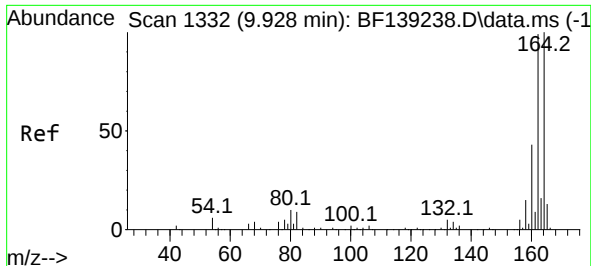
Tgt Ion:142 Resp: 627206

Ion Ratio Lower Upper

142 100

141 91.1 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: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

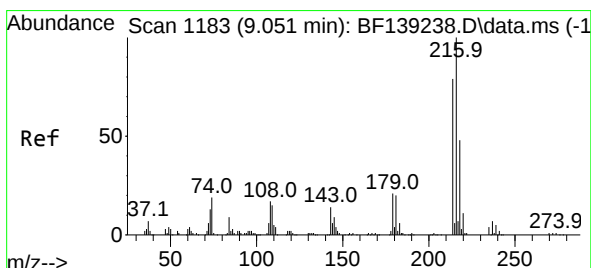
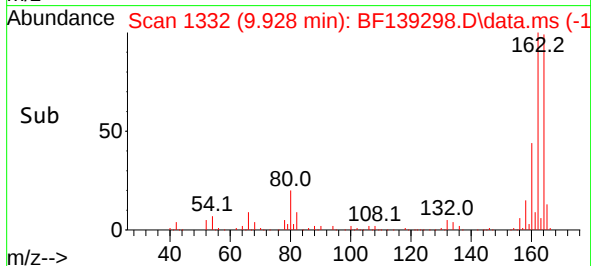
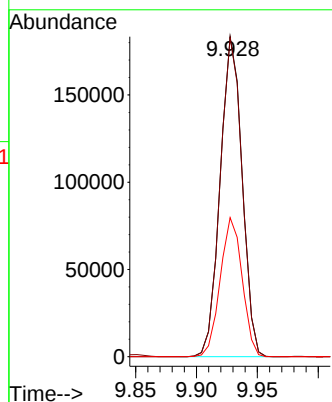
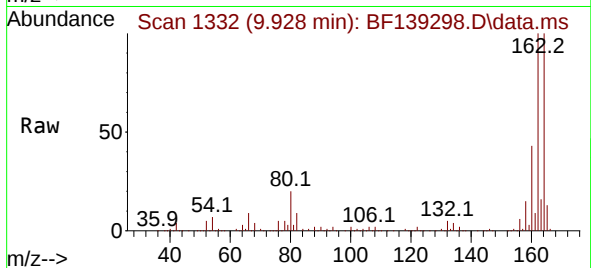
Tgt Ion:164 Resp: 230175

Ion Ratio Lower Upper

164 100

162 99.7 79.2 118.8

160 43.5 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.122 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Tgt Ion:216 Resp: 319896

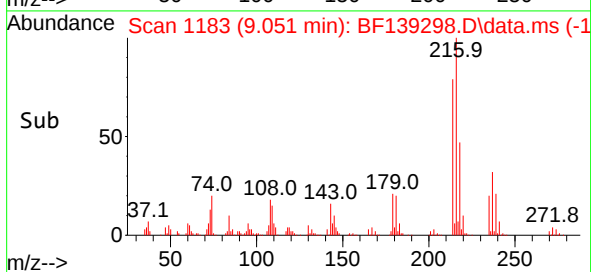
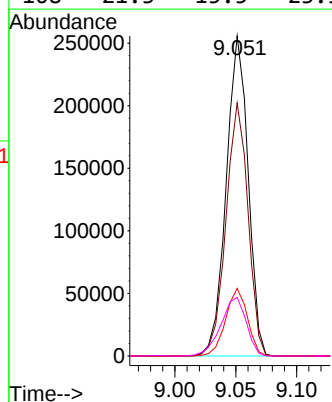
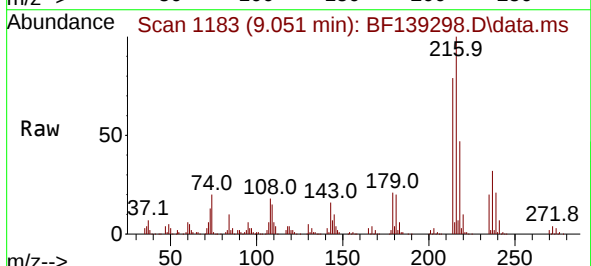
Ion Ratio Lower Upper

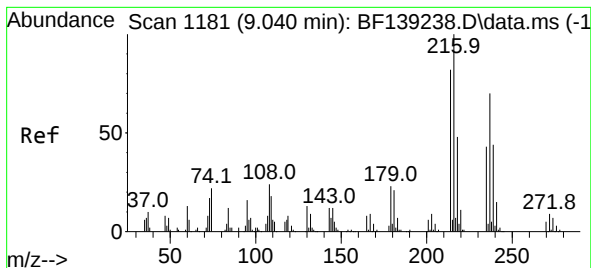
216 100

214 79.3 63.8 95.8

179 21.0 16.9 25.3

108 21.3 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 179.410 ng

RT: 9.039 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

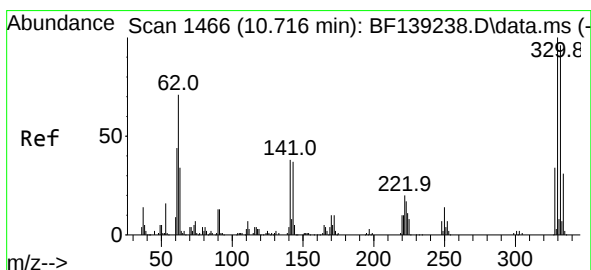
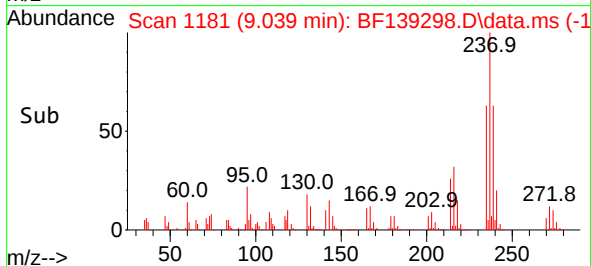
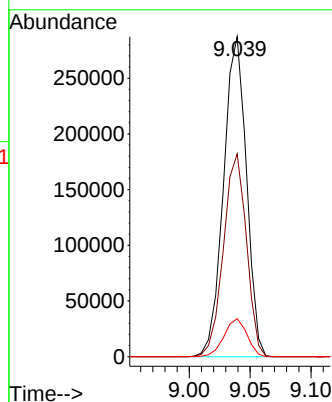
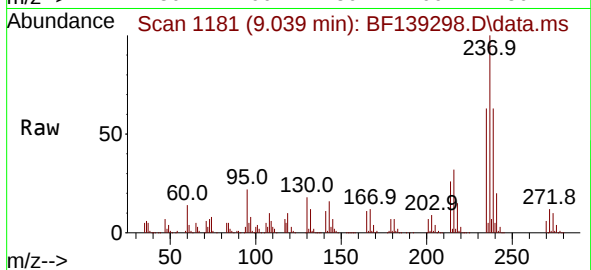
Tgt Ion:237 Resp: 375484

Ion Ratio Lower Upper

237 100

235 63.4 41.4 81.4

272 11.9 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 111.347 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

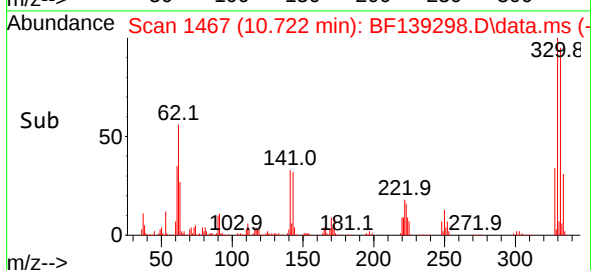
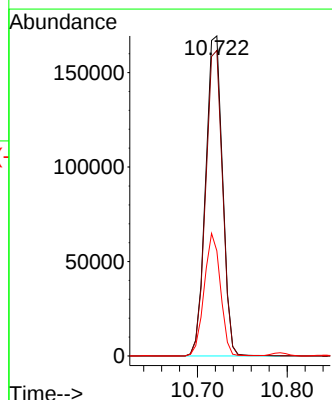
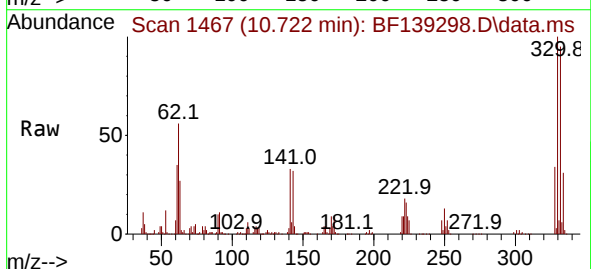
Tgt Ion:330 Resp: 221313

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

141 36.8 30.1 45.1

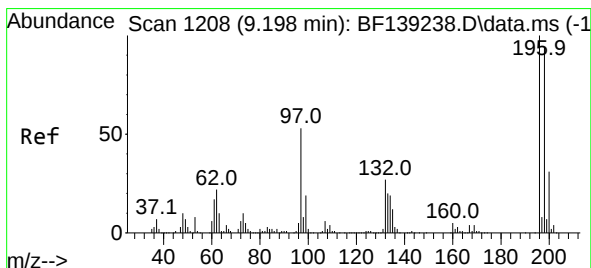
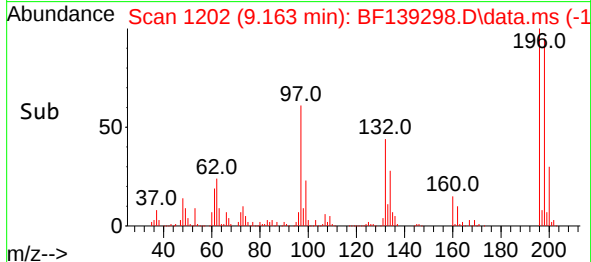
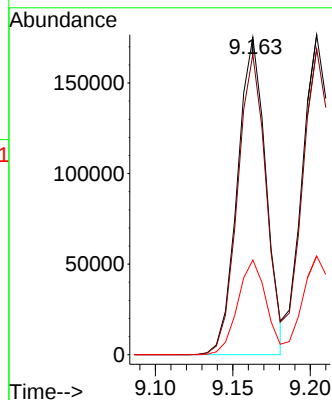
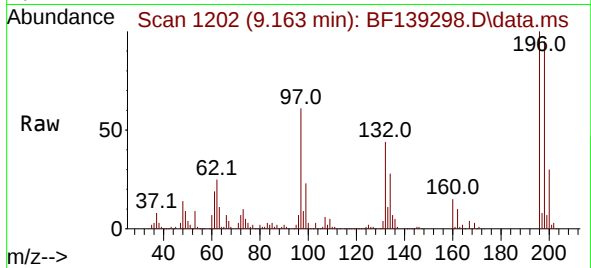




#43
2,4,6-Trichlorophenol
Concen: 52.407 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

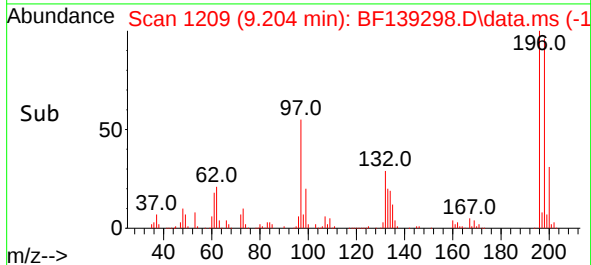
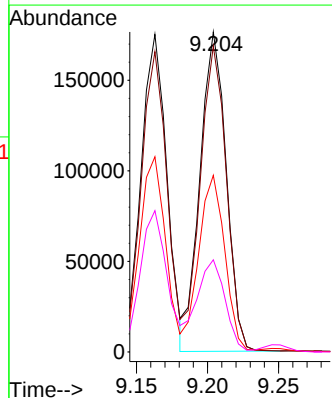
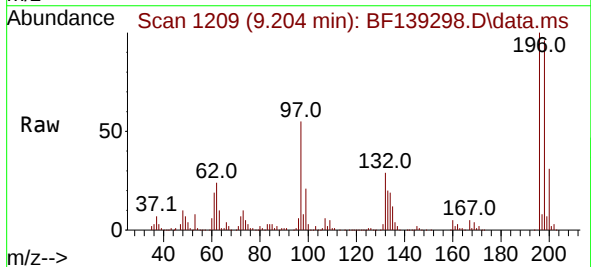
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

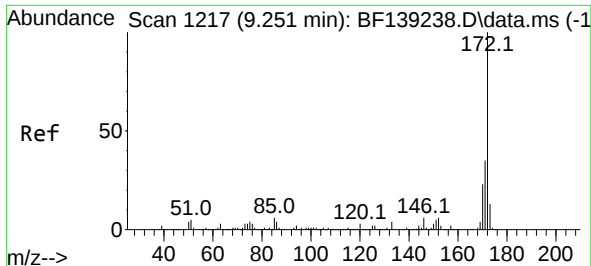
Tgt Ion:196 Resp: 223303
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.4
200 29.8 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 50.646 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:196 Resp: 226139
Ion Ratio Lower Upper
196 100
198 95.6 75.6 113.4
97 55.2 43.6 65.4
132 28.8 22.8 34.2

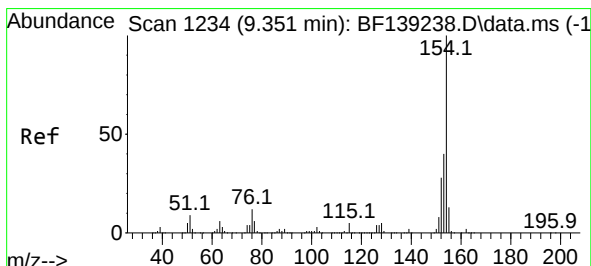
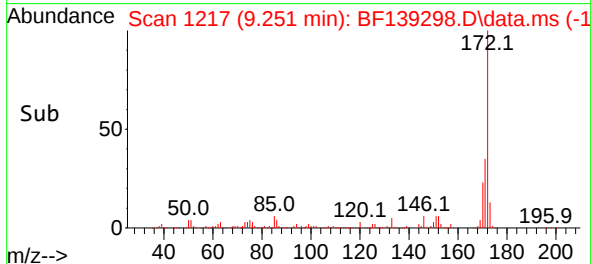
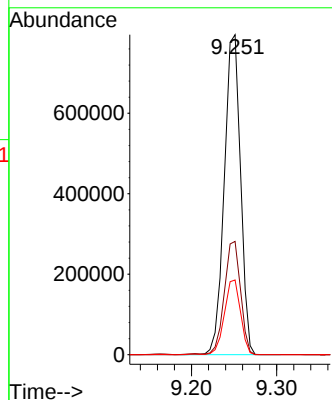
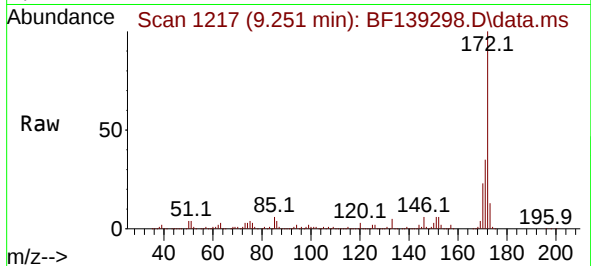




#45
2-Fluorobiphenyl
Concen: 70.663 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

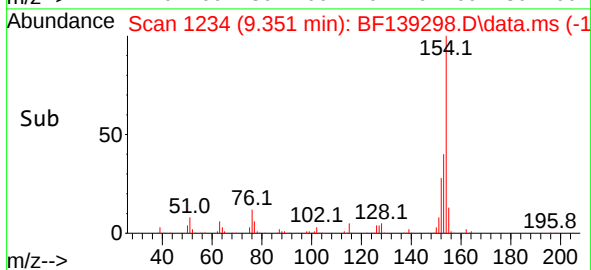
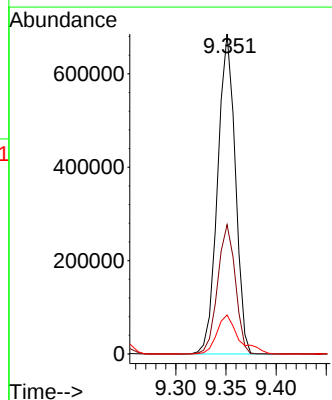
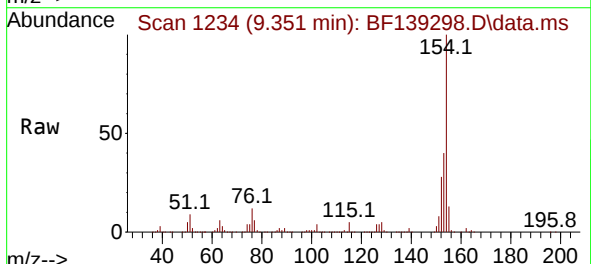
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

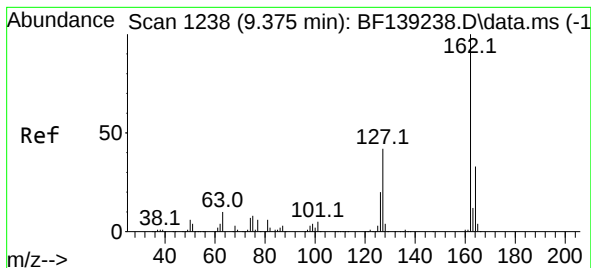
Tgt Ion:172 Resp: 1053673
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 49.197 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:154 Resp: 838989
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.1 0.0 32.3





#47

2-Chloronaphthalene

Concen: 48.812 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

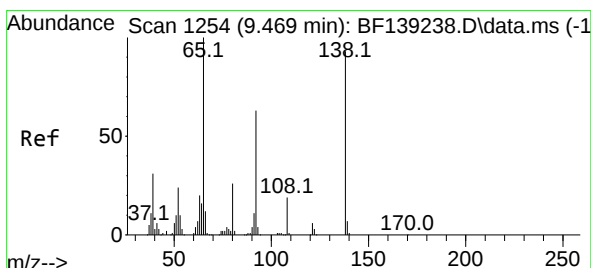
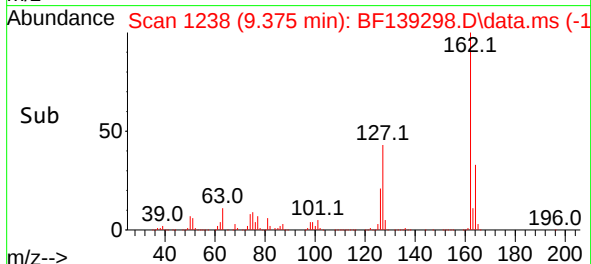
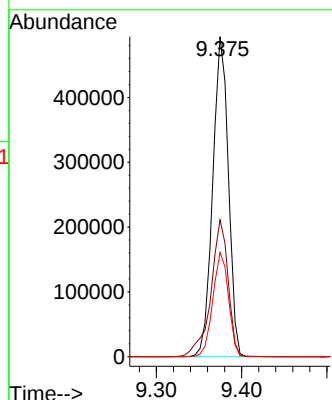
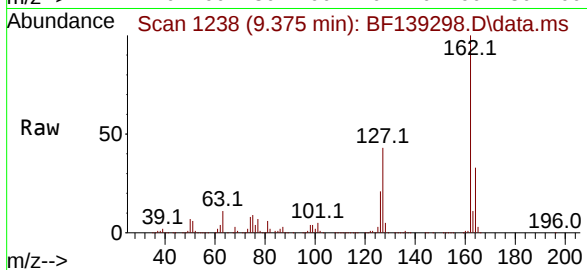
Tgt Ion:162 Resp: 628552

Ion Ratio Lower Upper

162 100

127 42.7 34.2 51.4

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 52.789 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

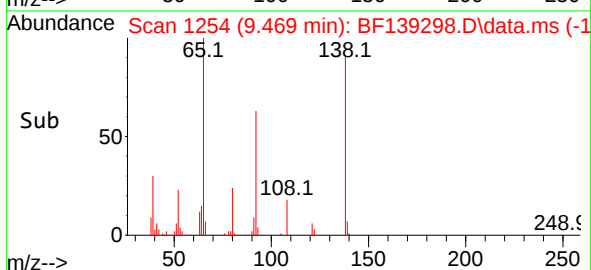
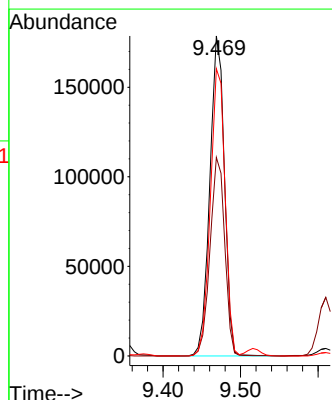
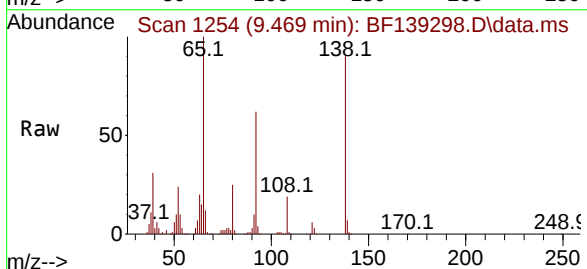
Tgt Ion: 65 Resp: 234138

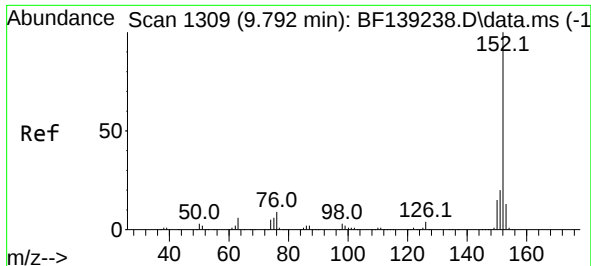
Ion Ratio Lower Upper

65 100

92 62.1 50.4 75.6

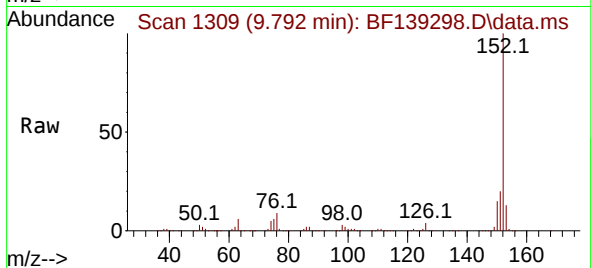
138 89.8 74.2 111.4





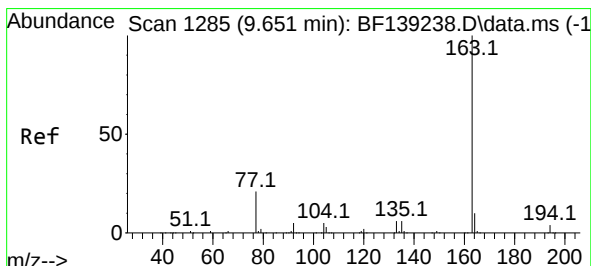
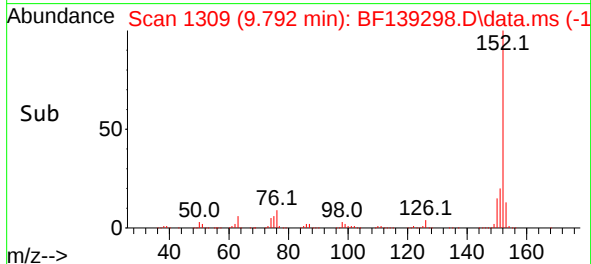
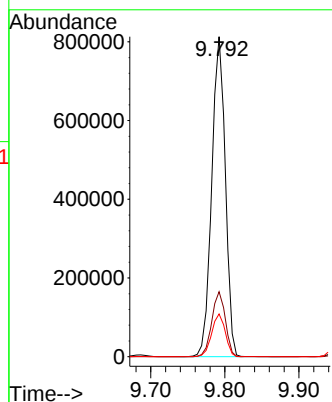
#49
Acenaphthylene
Concen: 53.311 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



Tgt Ion:152 Resp: 1033952

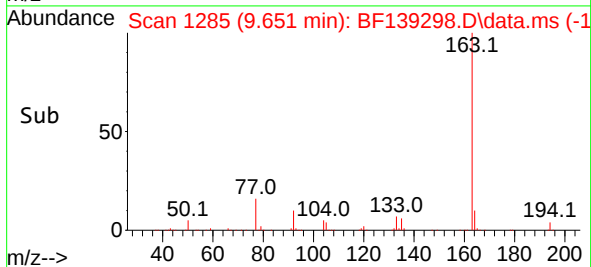
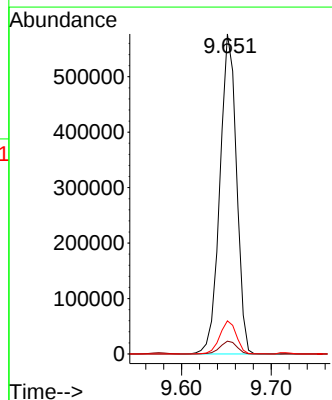
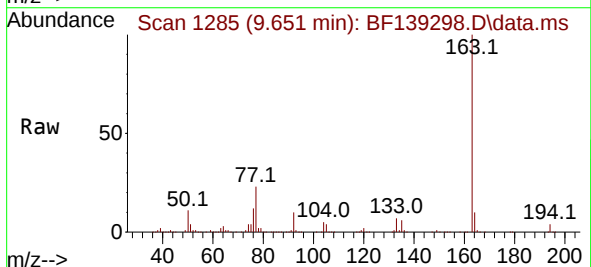
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.4	10.4	15.6

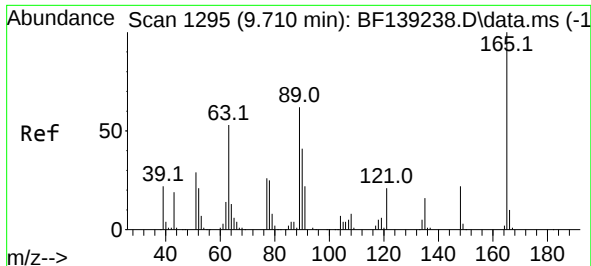


#50
Dimethylphthalate
Concen: 53.283 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:163 Resp: 743341

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 51.270 ng

RT: 9.716 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

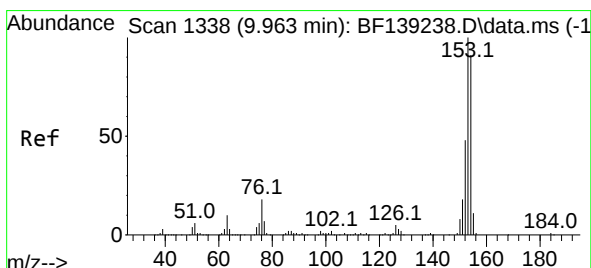
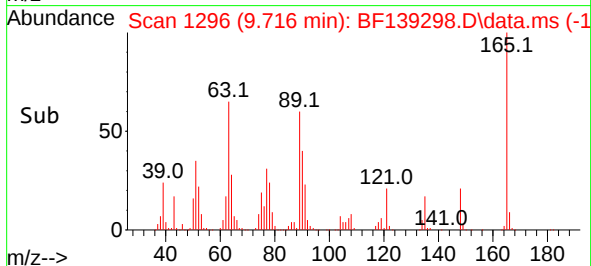
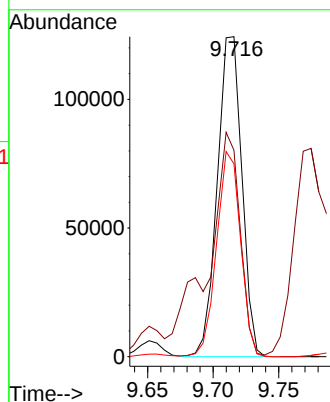
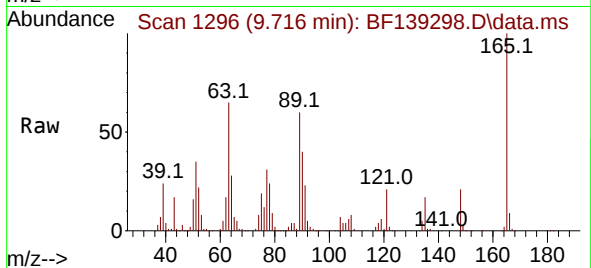
Tgt Ion:165 Resp: 162265

Ion Ratio Lower Upper

165 100

63 64.5 56.1 84.1

89 60.2 49.7 74.5



#52

Acenaphthene

Concen: 55.959 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

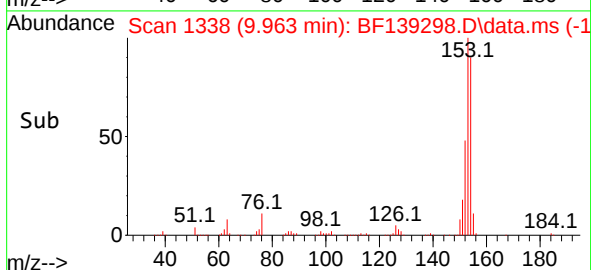
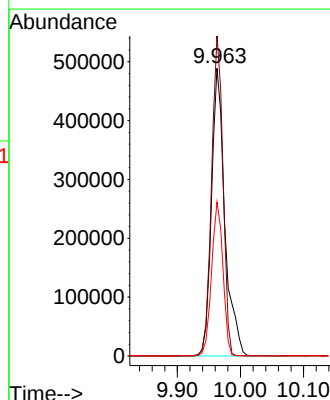
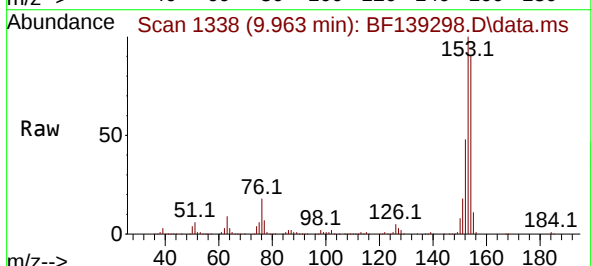
Tgt Ion:154 Resp: 719839

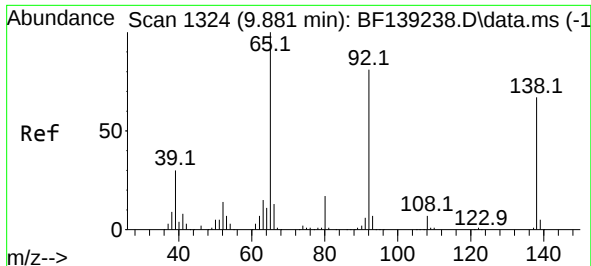
Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.6

152 53.5 41.7 62.5

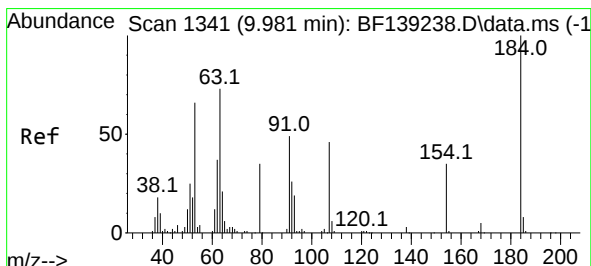
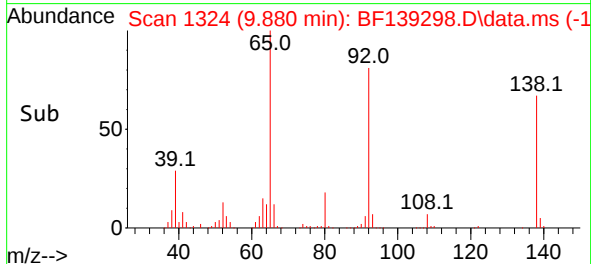
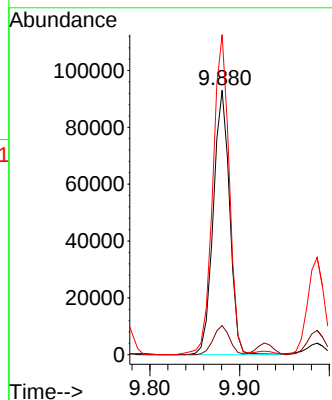
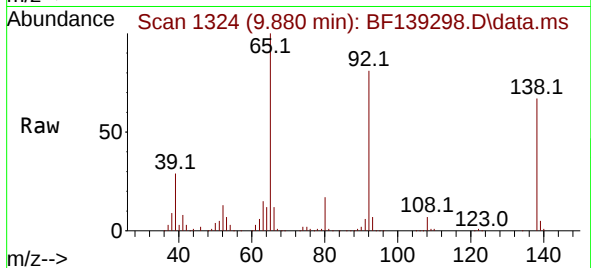




#53
3-Nitroaniline
Concen: 34.733 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

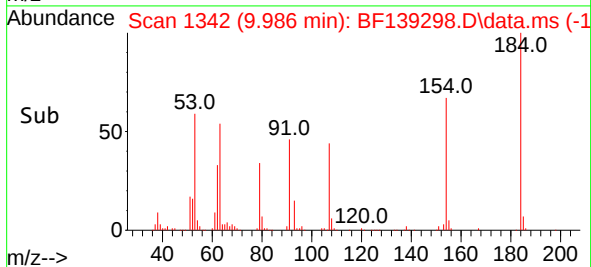
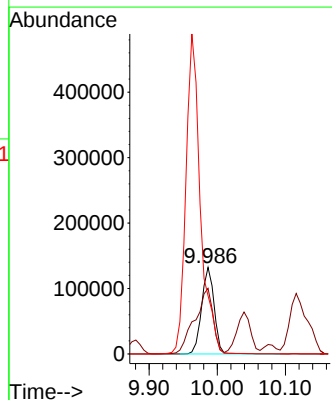
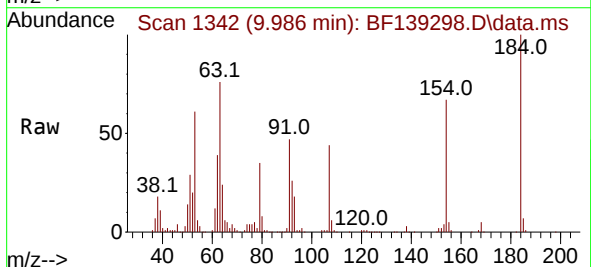
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

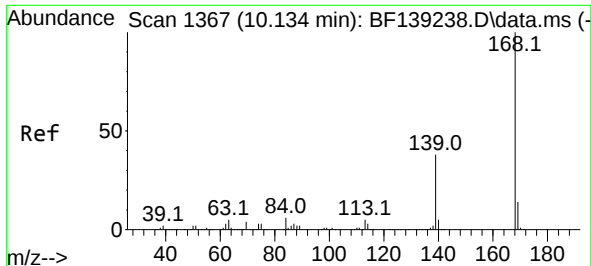
Tgt Ion:138 Resp: 117122
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 121.1 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 99.840 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:184 Resp: 168971
Ion Ratio Lower Upper
184 100
63 75.8 66.4 99.6
154 67.4 97.0 145.6#

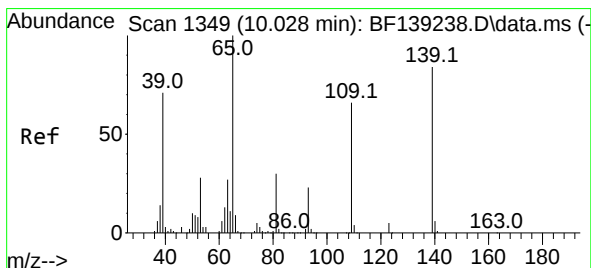
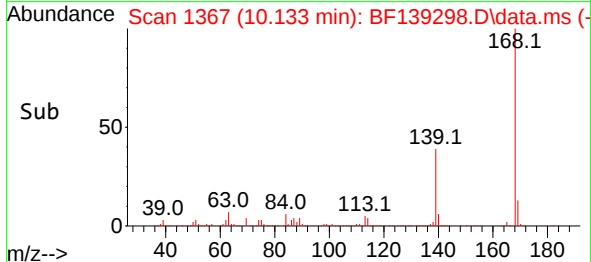
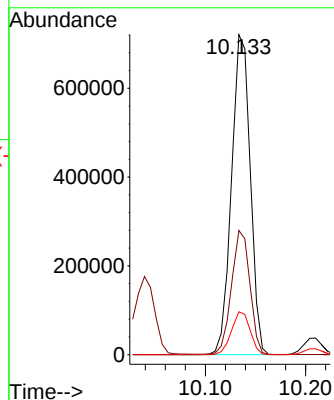
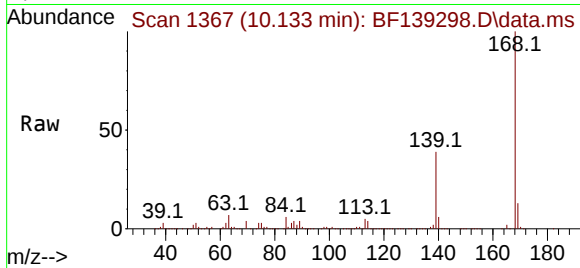




#55
Dibenzofuran
Concen: 50.629 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

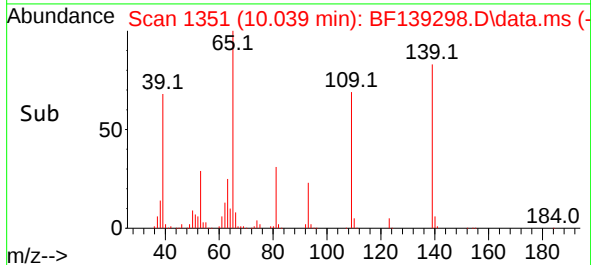
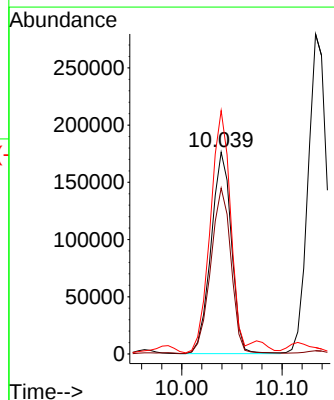
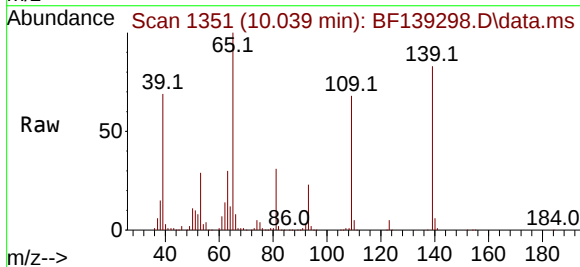
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

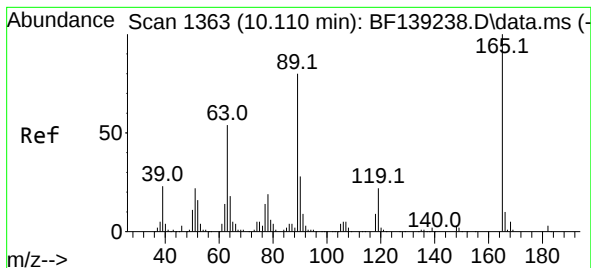
Tgt Ion:168 Resp: 933746
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 99.975 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:139 Resp: 248825
Ion Ratio Lower Upper
139 100
109 82.2 58.7 98.7
65 120.6 100.3 140.3

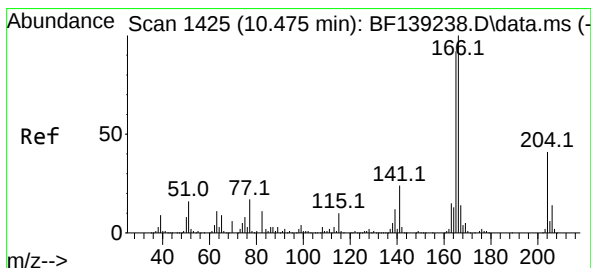
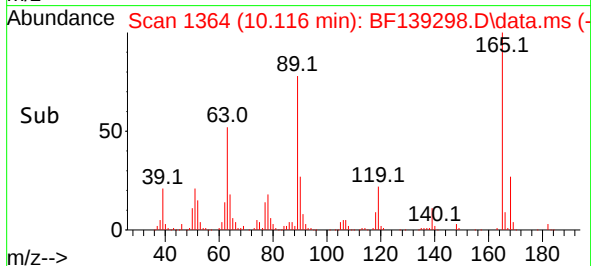
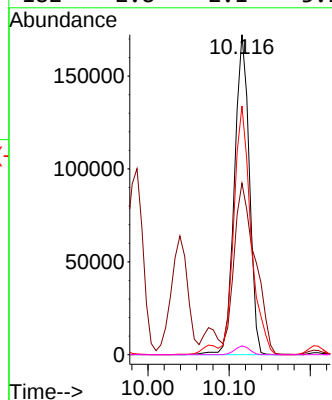
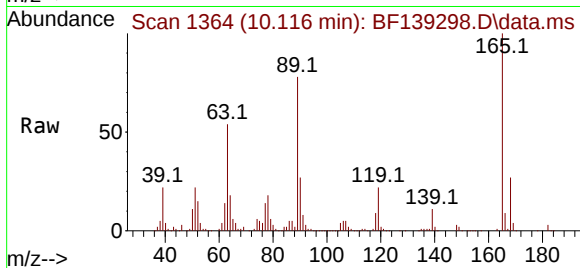




#57
2,4-Dinitrotoluene
Concen: 54.364 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

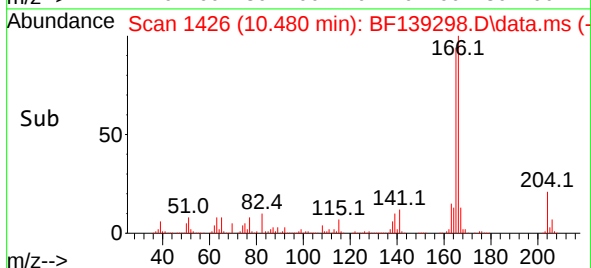
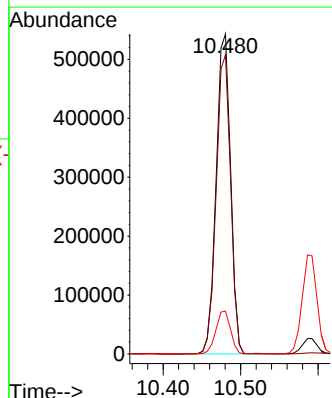
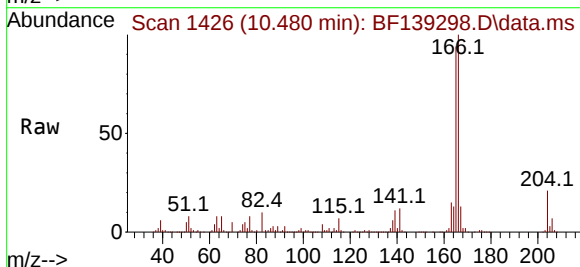
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion:165 Resp: 218995
Ion Ratio Lower Upper
165 100
63 53.6 43.4 65.0
89 77.7 64.2 96.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 49.147 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:166 Resp: 702764
Ion Ratio Lower Upper
166 100
165 93.5 73.7 110.5
167 13.4 10.9 16.3

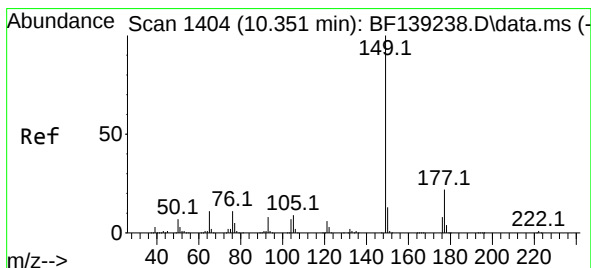
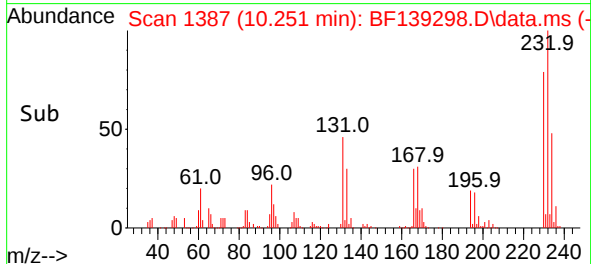
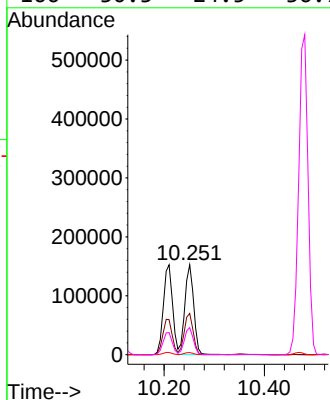
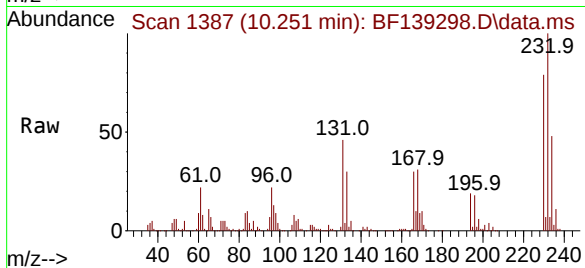




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.493 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

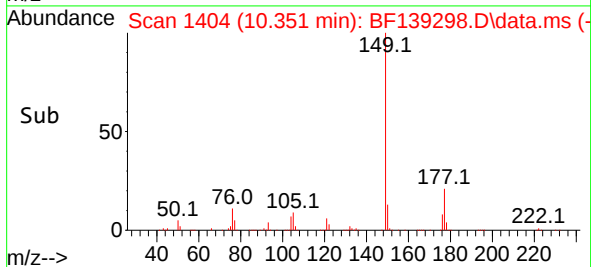
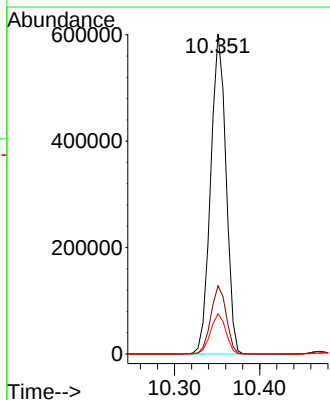
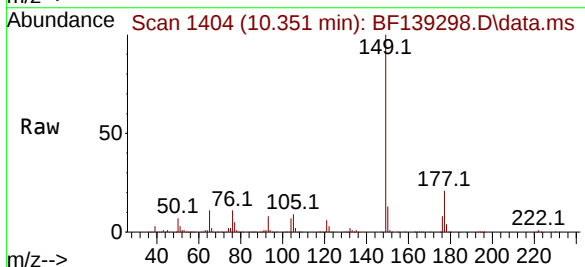
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

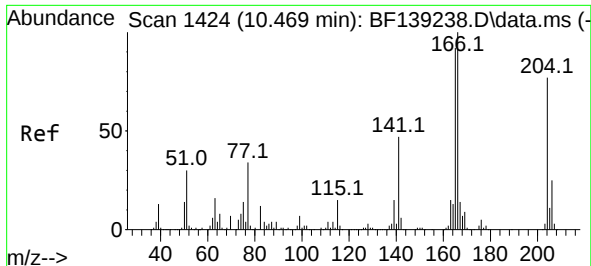
Tgt Ion:232 Resp: 188014
Ion Ratio Lower Upper
232 100
131 45.6 37.7 56.5
130 2.4 1.9 2.9
166 30.3 24.5 36.7



#60
Diethylphthalate
Concen: 54.751 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:149 Resp: 751690
Ion Ratio Lower Upper
149 100
177 21.3 17.7 26.5
150 12.5 10.2 15.2

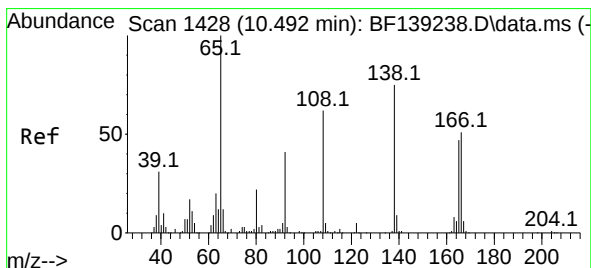
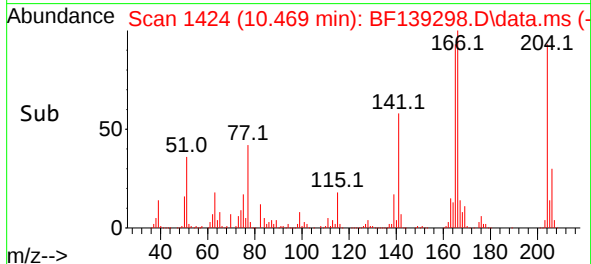
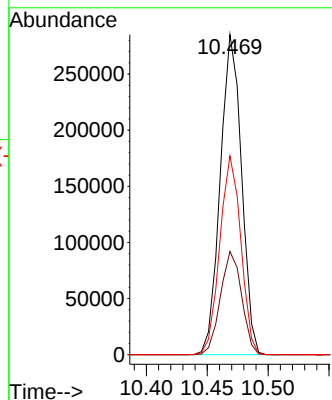
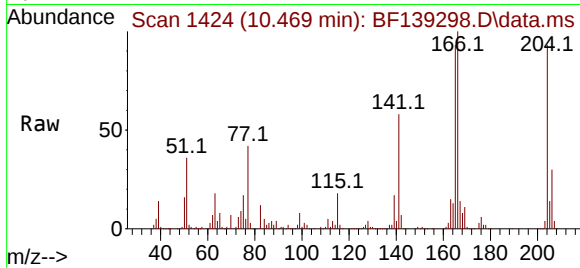




#61
4-Chlorophenyl-phenylether
Concen: 50.329 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

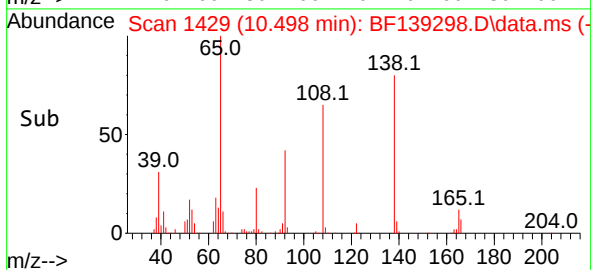
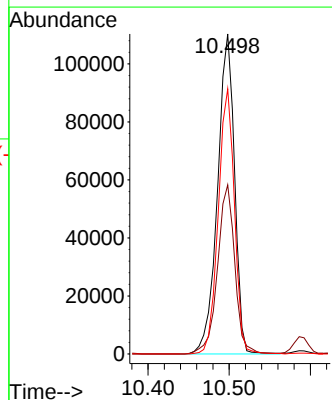
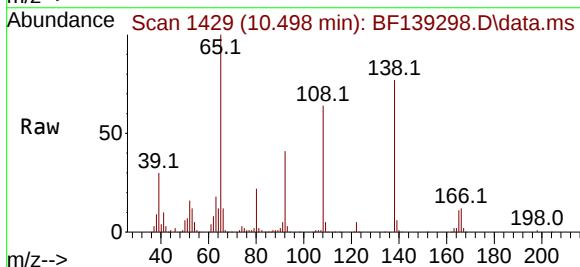
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

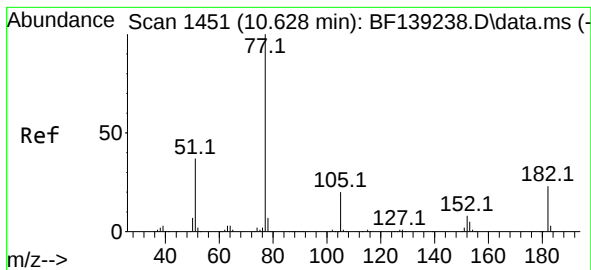
Tgt Ion:204 Resp: 347058
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 62.1 48.6 72.8



#62
4-Nitroaniline
Concen: 50.250 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:138 Resp: 161295
Ion Ratio Lower Upper
138 100
92 52.9 34.4 74.4
108 82.8 62.7 102.7





#63

Azobenzene

Concen: 55.726 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion: 77 Resp: 806356

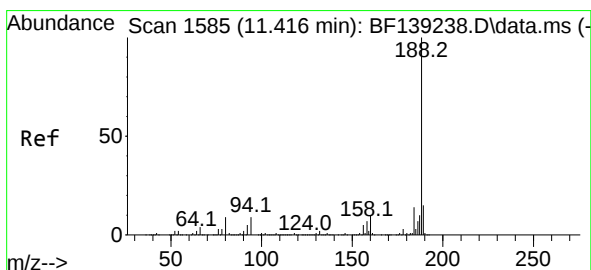
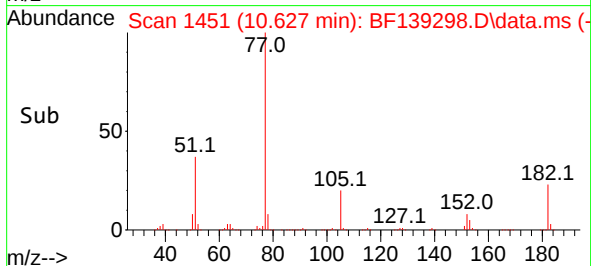
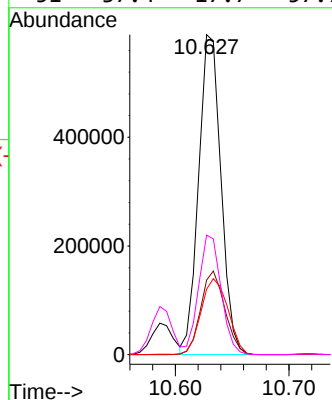
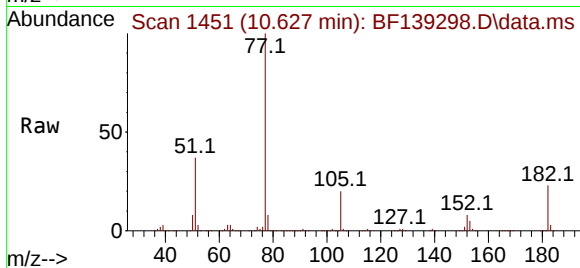
Ion Ratio Lower Upper

77 100

182 23.3 3.0 43.0

105 20.5 0.0 39.4

51 37.4 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: BF139298.D

Acq: 10 Sep 2024 14:29

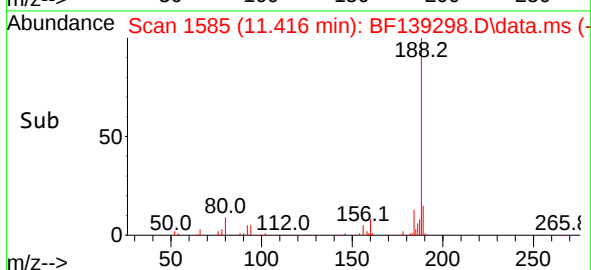
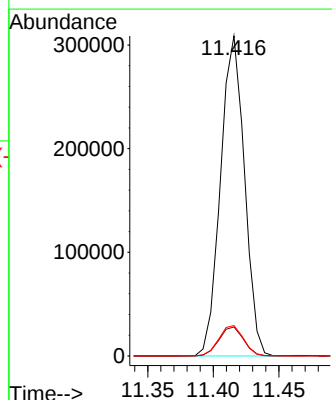
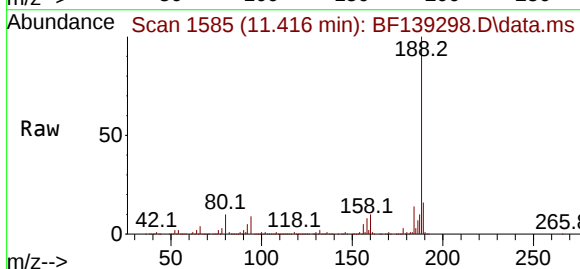
Tgt Ion:188 Resp: 392137

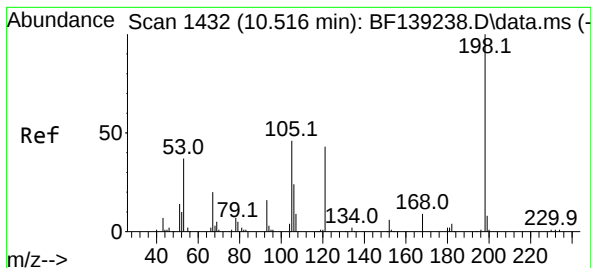
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.5 7.3 10.9

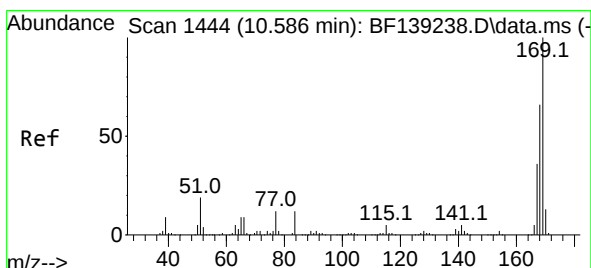
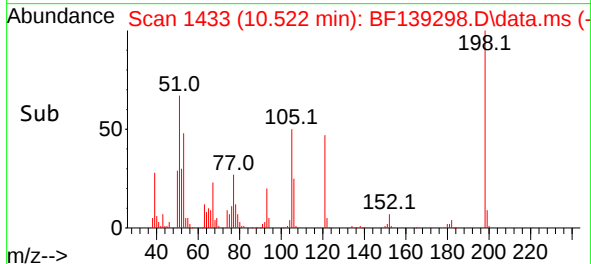
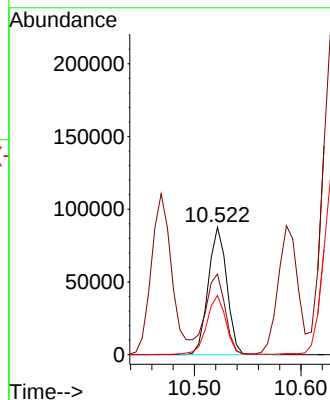
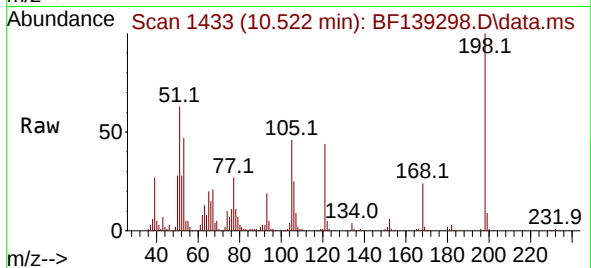




#65
4,6-Dinitro-2-methylphenol
Concen: 58.766 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

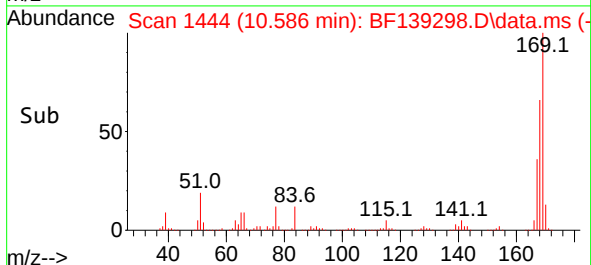
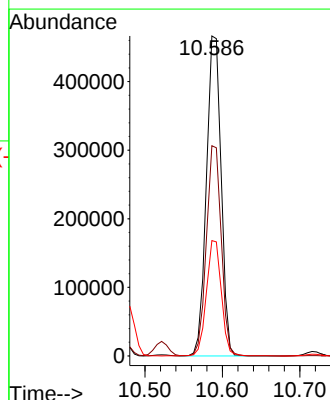
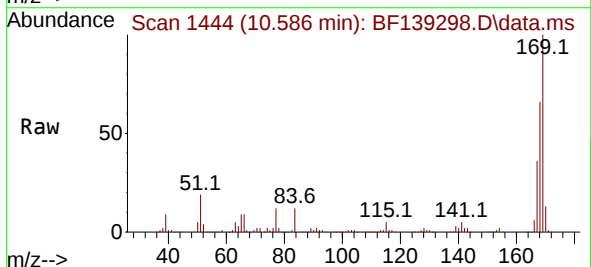
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

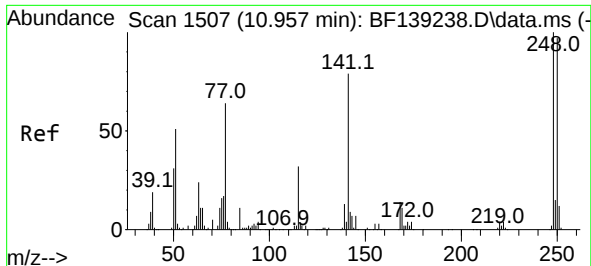
Tgt Ion:198 Resp: 106478
Ion Ratio Lower Upper
198 100
51 63.3 47.2 87.2
105 46.4 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 53.905 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:169 Resp: 615305
Ion Ratio Lower Upper
169 100
168 65.7 53.0 79.6
167 36.0 29.0 43.6

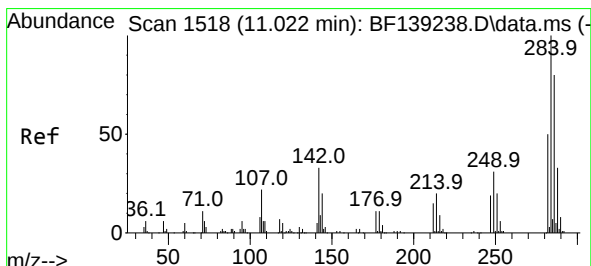
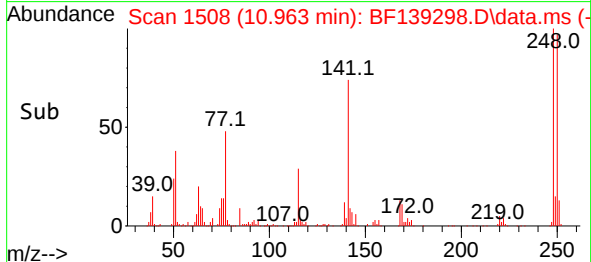
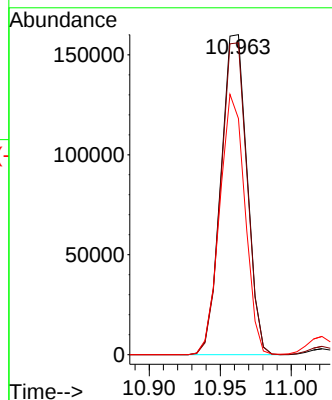
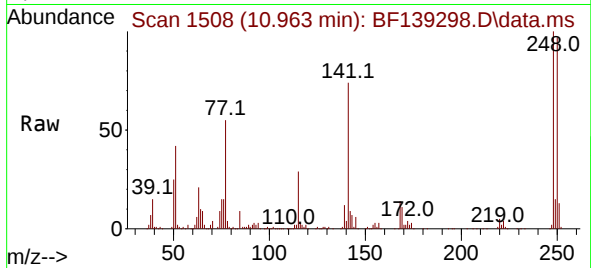




#67
4-Bromophenyl-phenylether
Concen: 53.979 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

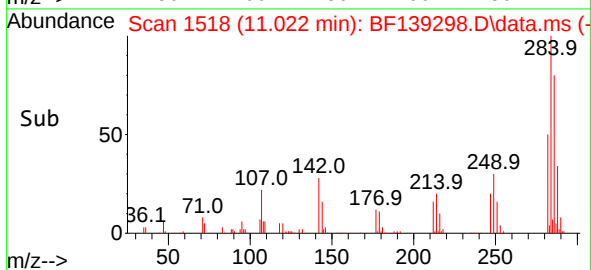
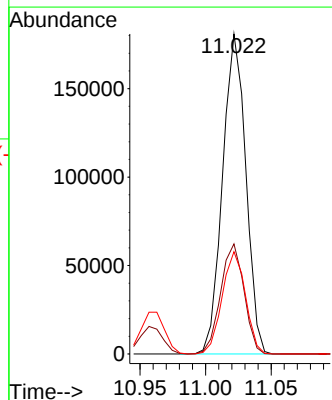
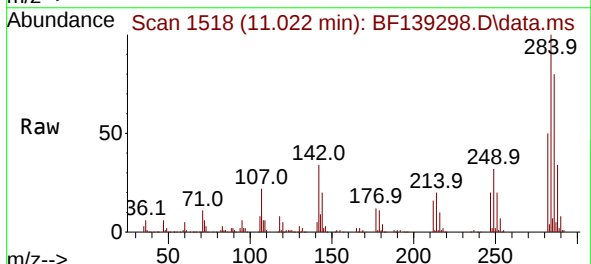
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

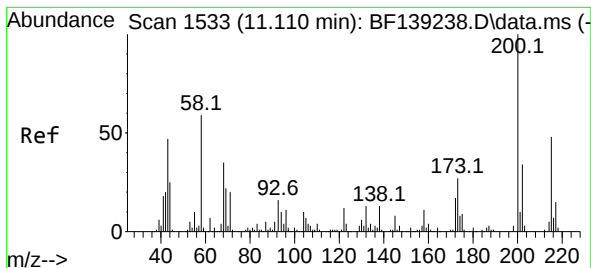
Tgt Ion:248 Resp: 205372
Ion Ratio Lower Upper
248 100
250 97.4 77.2 115.8
141 73.8 63.6 95.4



#68
Hexachlorobenzene
Concen: 51.165 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:284 Resp: 222849
Ion Ratio Lower Upper
284 100
142 34.4 26.5 39.7
249 31.9 24.8 37.2





#69

Atrazine

Concen: 74.522 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

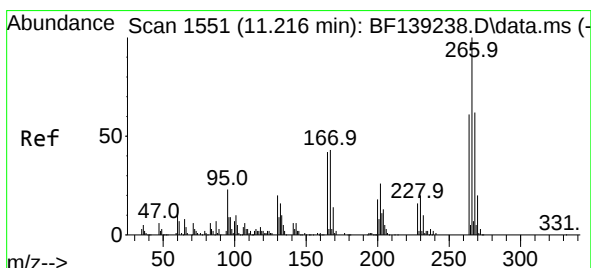
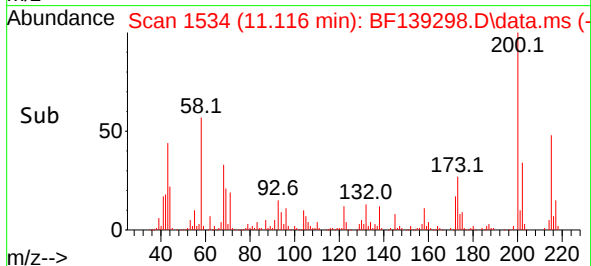
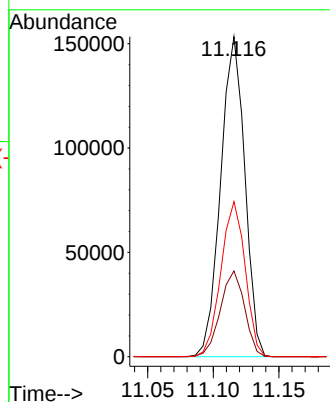
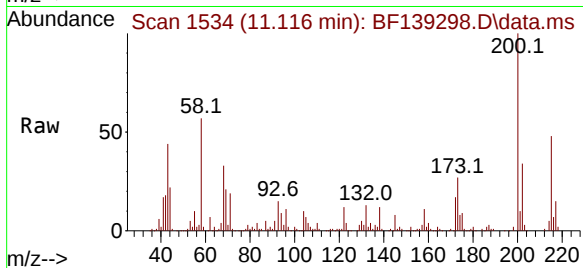
Tgt Ion:200 Resp: 196253

Ion Ratio Lower Upper

200 100

173 26.8 7.1 47.1

215 48.4 28.5 68.5



#70

Pentachlorophenol

Concen: 96.501 ng

RT: 11.216 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

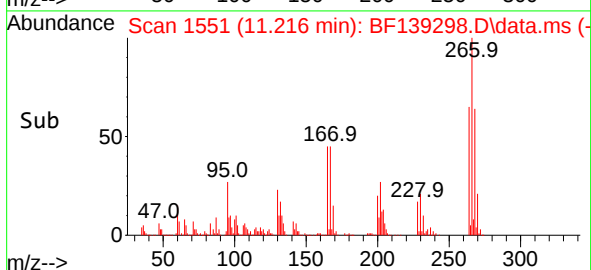
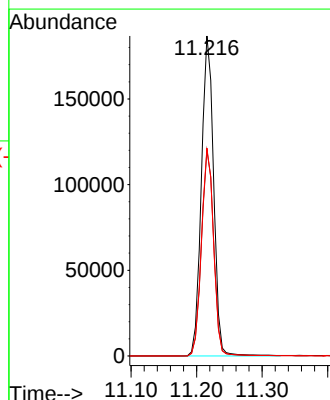
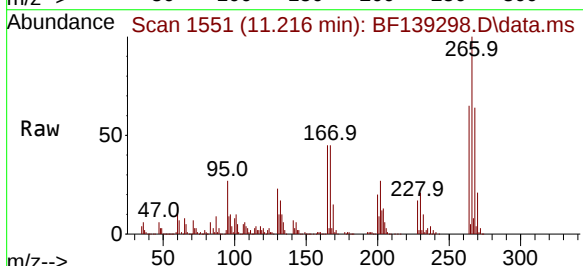
Tgt Ion:266 Resp: 242790

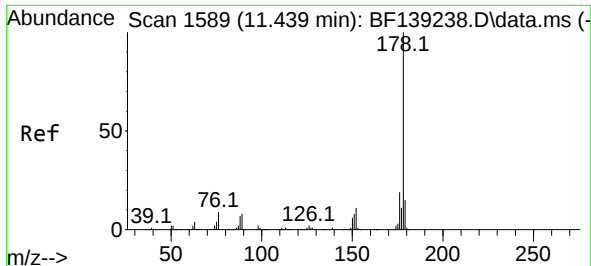
Ion Ratio Lower Upper

266 100

268 64.3 49.7 74.5

264 65.0 49.2 73.8

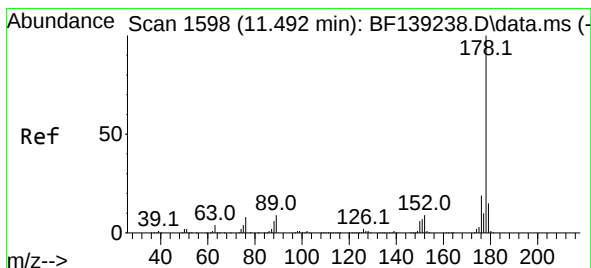
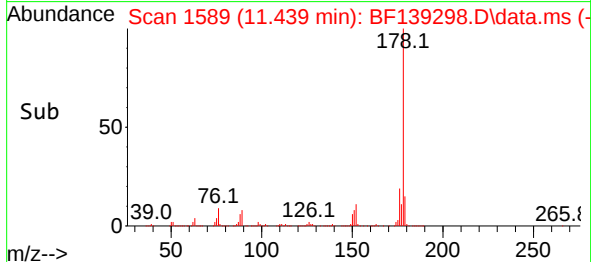
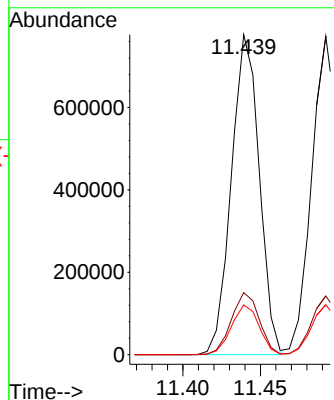
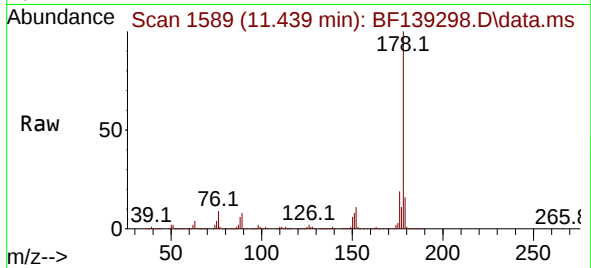




#71
Phenanthrene
Concen: 53.042 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

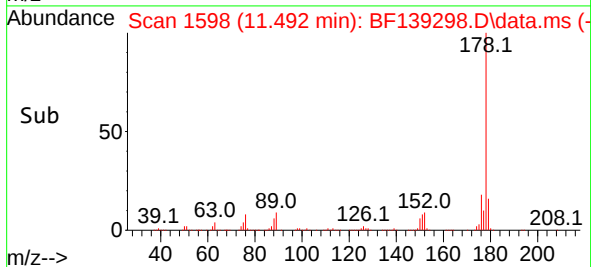
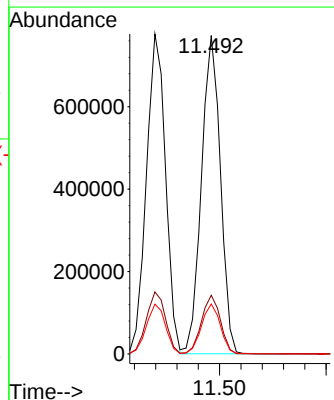
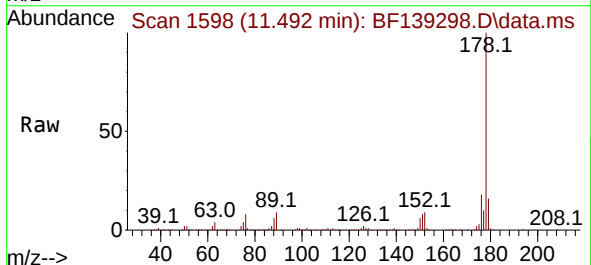
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

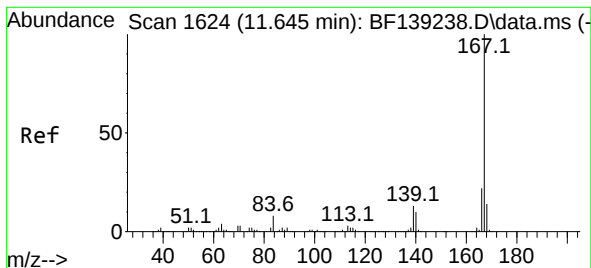
Tgt Ion:178 Resp: 971673
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 53.460 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:178 Resp: 956667
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.7 12.3 18.5





#73

Carbazole

Concen: 48.401 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

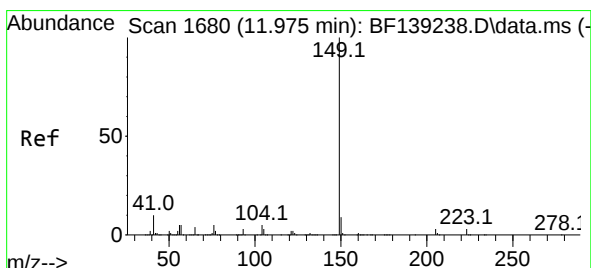
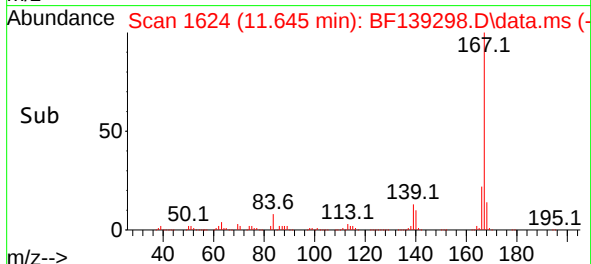
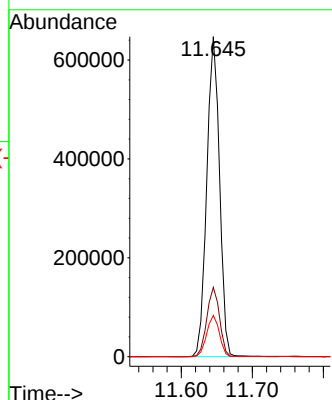
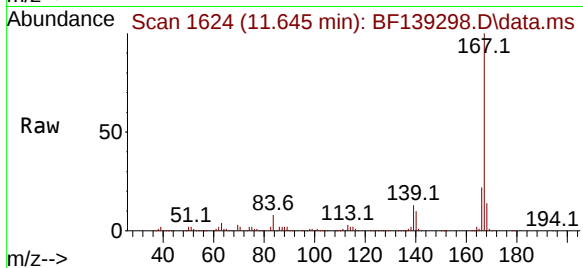
Tgt Ion:167 Resp: 809530

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 60.365 ng

RT: 11.974 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

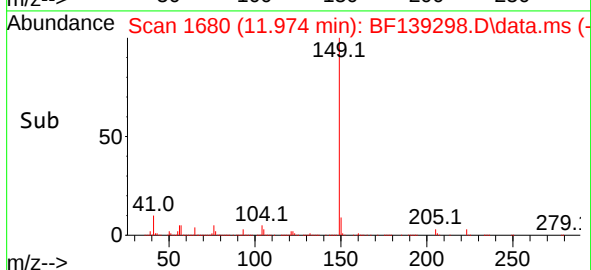
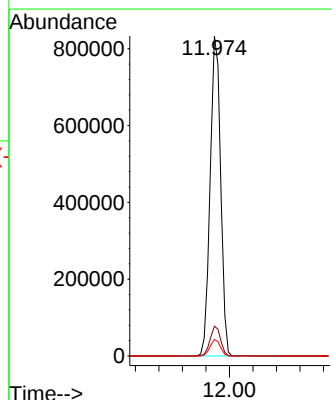
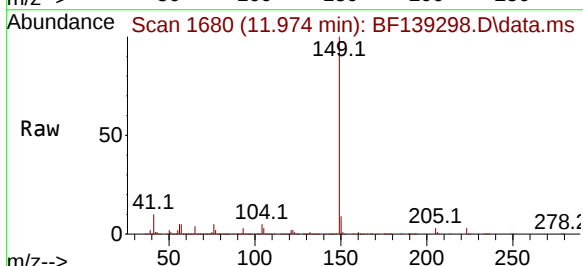
Tgt Ion:149 Resp: 1033770

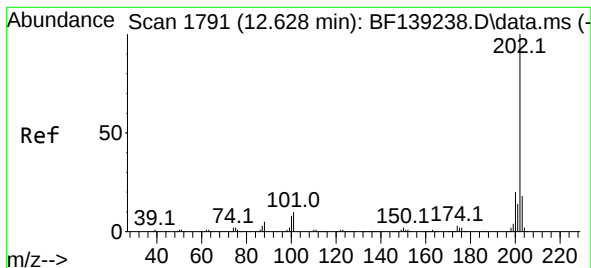
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 50.656 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

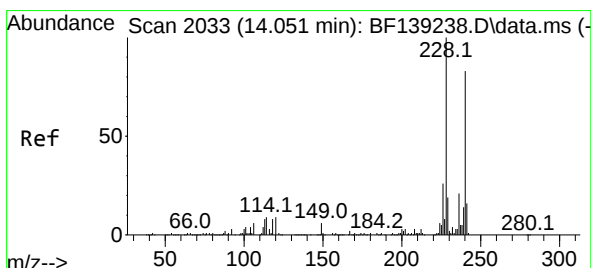
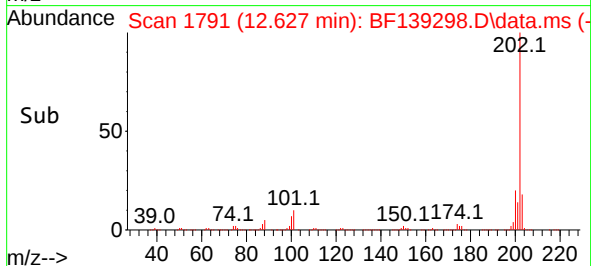
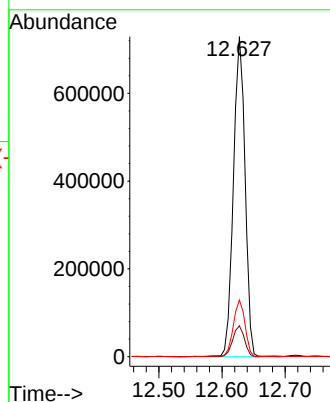
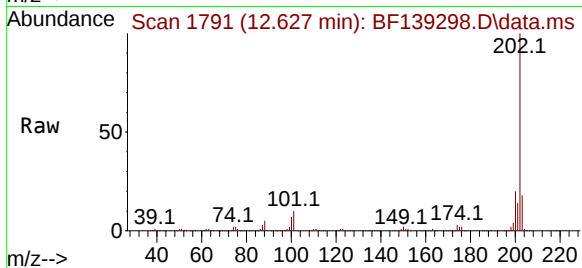
Tgt Ion:202 Resp: 930321

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

203 17.7 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: BF139298.D

Acq: 10 Sep 2024 14:29

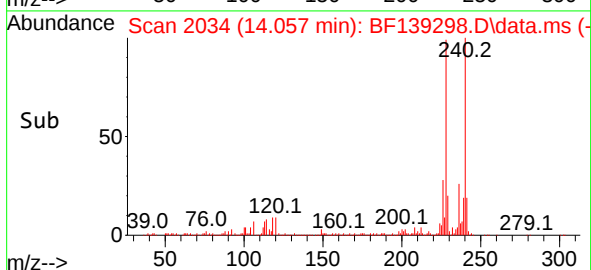
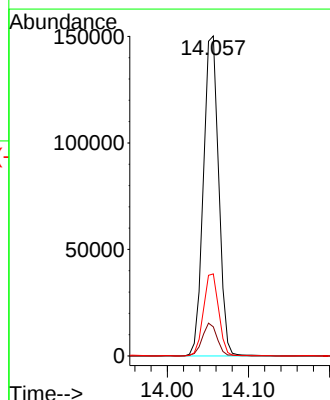
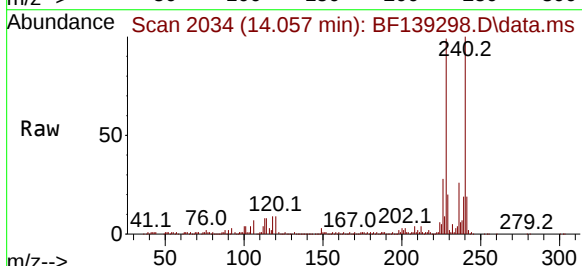
Tgt Ion:240 Resp: 196296

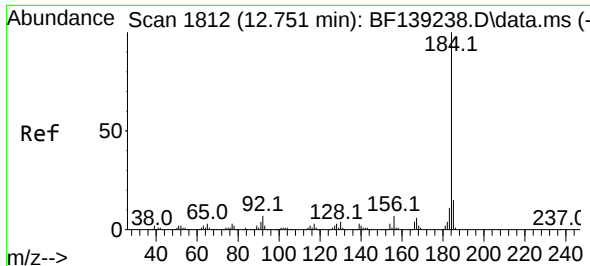
Ion Ratio Lower Upper

240 100

120 9.1 8.6 12.8

236 25.7 20.7 31.1

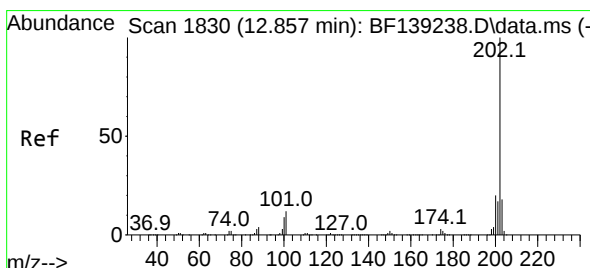
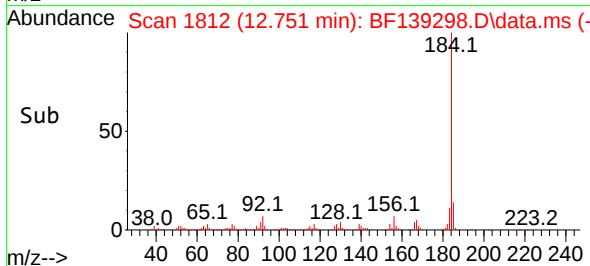
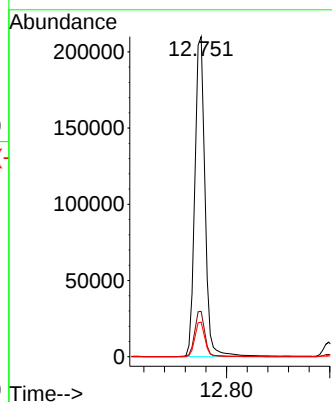
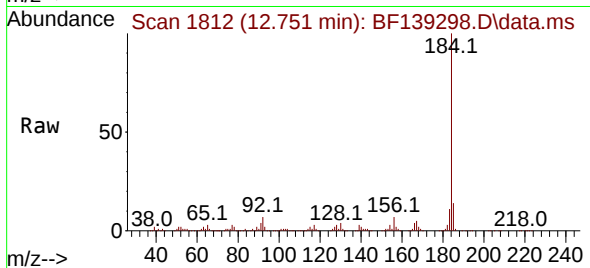




#77
Benzidine
Concen: 72.793 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

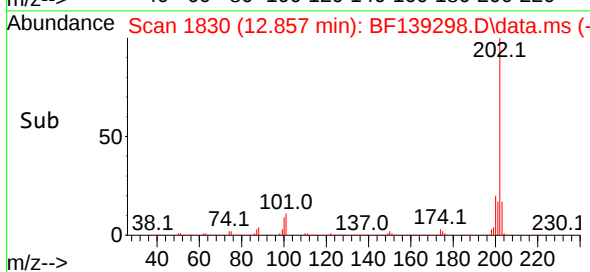
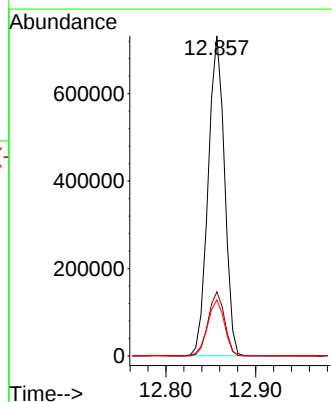
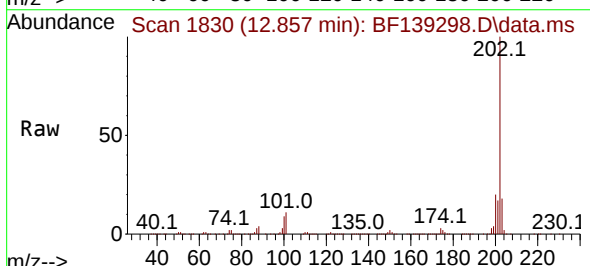
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

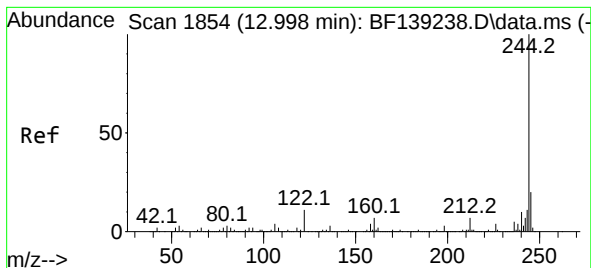
Tgt Ion:184 Resp: 287712
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 10.8 8.8 13.2



#78
Pyrene
Concen: 48.797 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:202 Resp: 925308
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 69.667 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139298.D

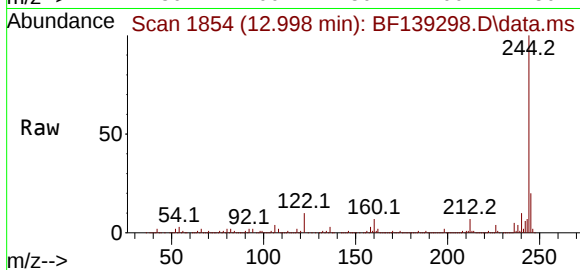
Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



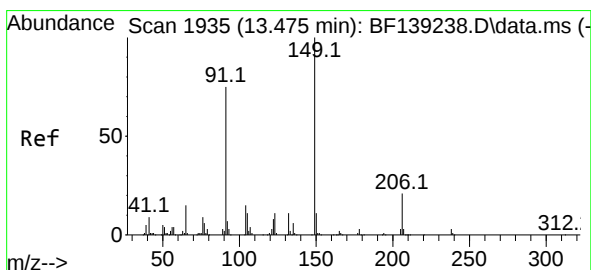
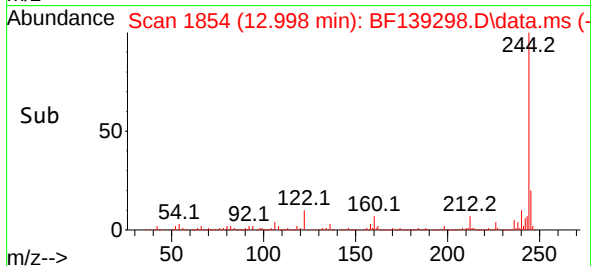
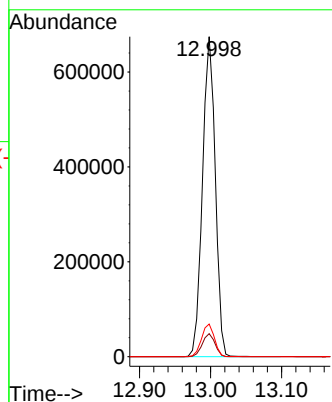
Tgt Ion:244 Resp: 846994

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.2 8.7 13.1



#80

Butylbenzylphthalate

Concen: 72.014 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

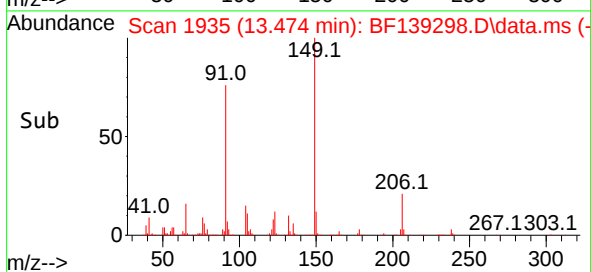
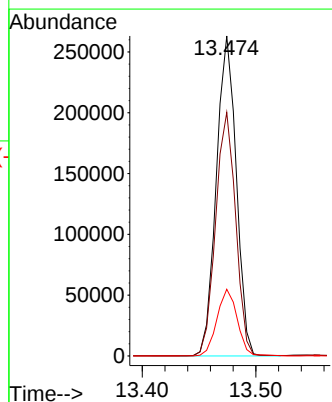
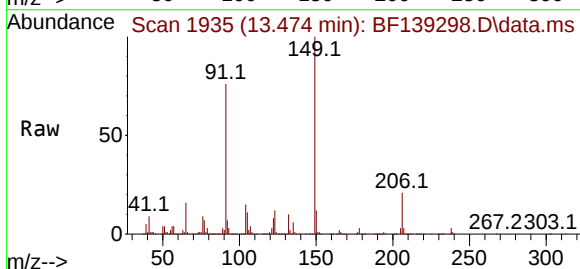
Tgt Ion:149 Resp: 321465

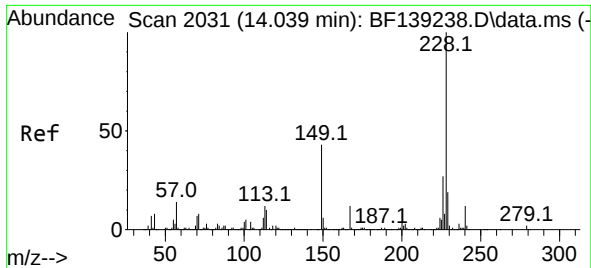
Ion Ratio Lower Upper

149 100

91 76.1 60.3 90.5

206 20.8 16.7 25.1

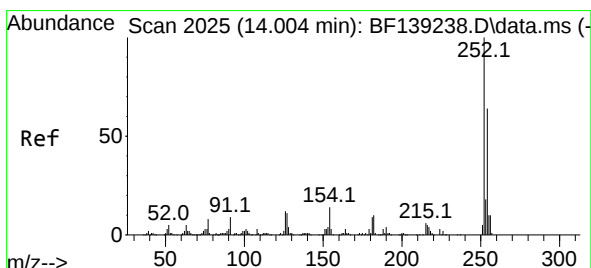
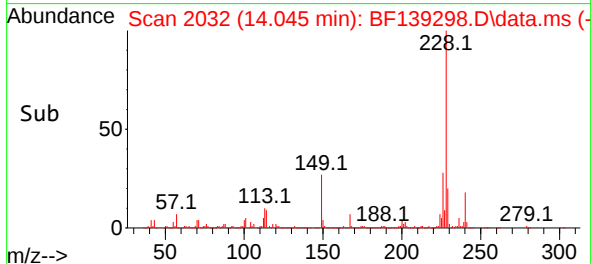
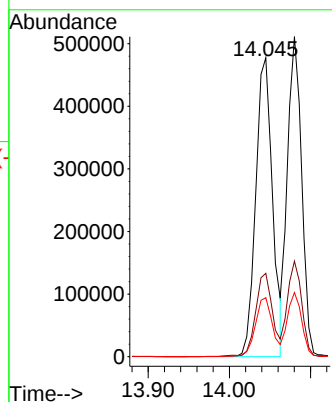
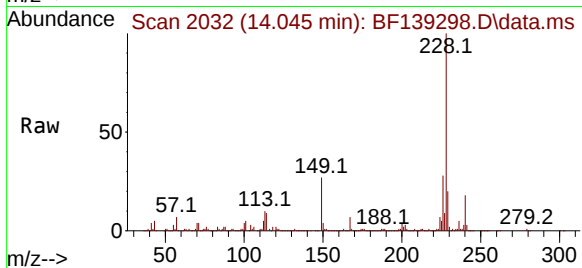




#81
Benzo(a)anthracene
Concen: 54.699 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

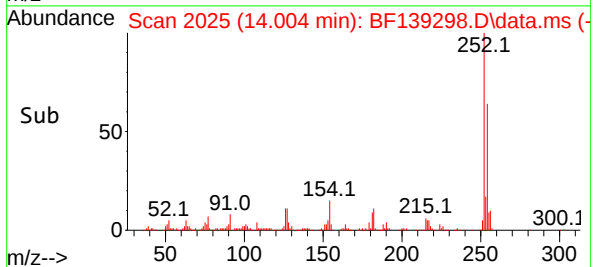
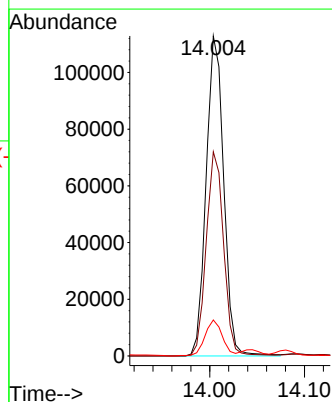
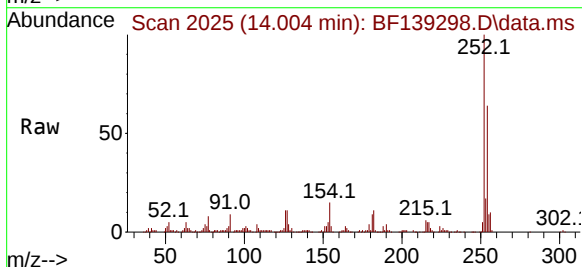
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

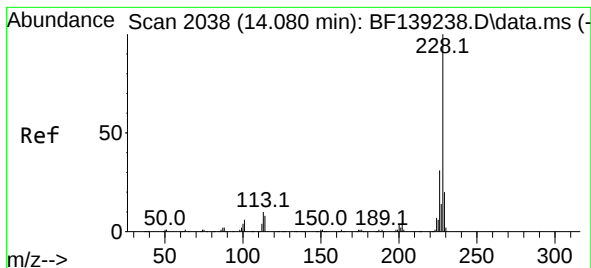
Tgt Ion:228 Resp: 685616
Ion Ratio Lower Upper
228 100
226 27.9 21.5 32.3
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.574 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:252 Resp: 145047
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 11.3 9.2 13.8





#83

Chrysene

Concen: 52.973 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

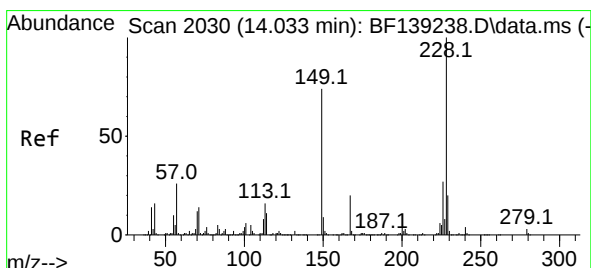
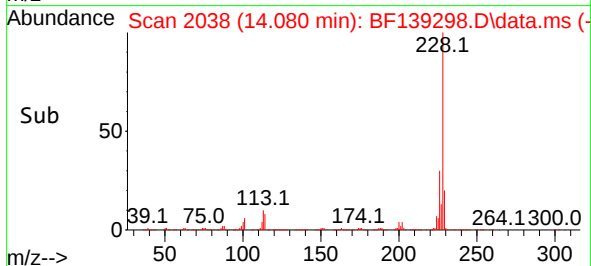
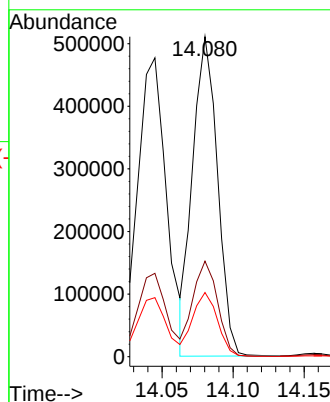
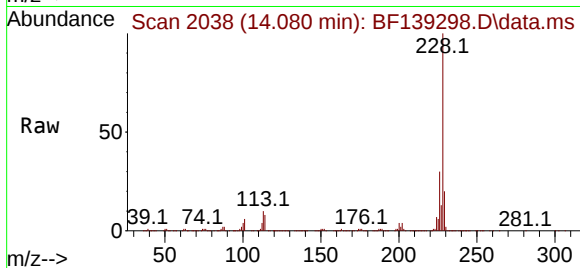
Tgt Ion:228 Resp: 619706

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 78.624 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

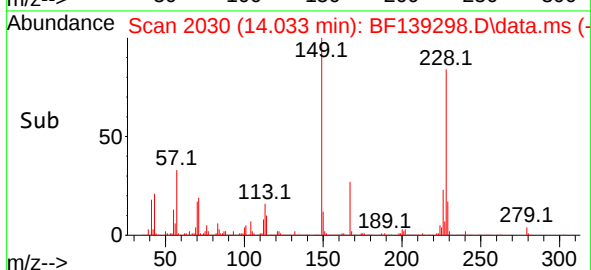
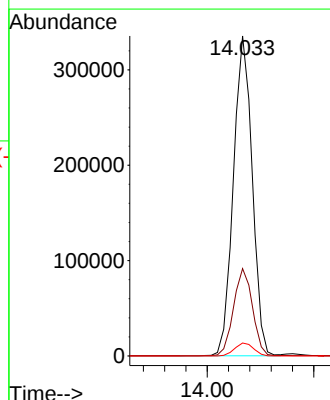
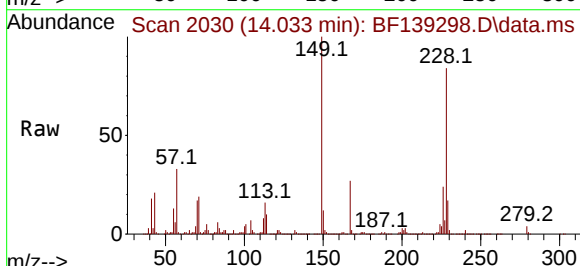
Tgt Ion:149 Resp: 411944

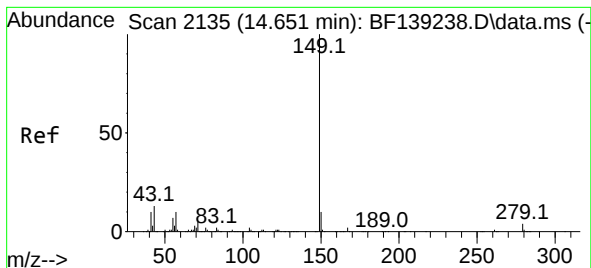
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 68.377 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

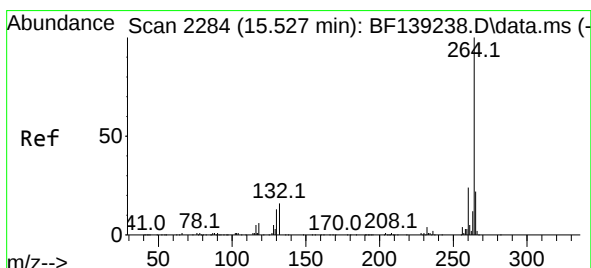
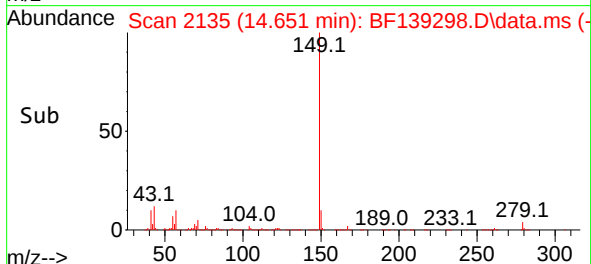
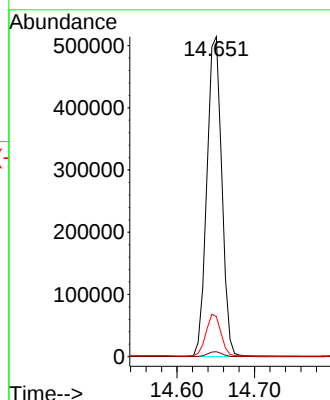
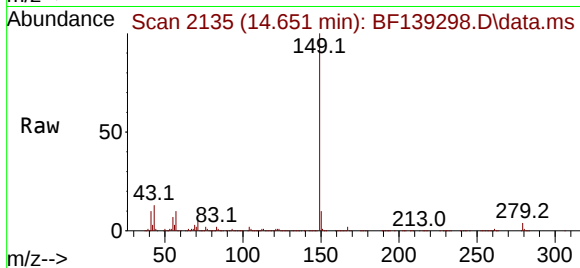
Tgt Ion:149 Resp: 685901

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.1 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: BF139298.D

Acq: 10 Sep 2024 14:29

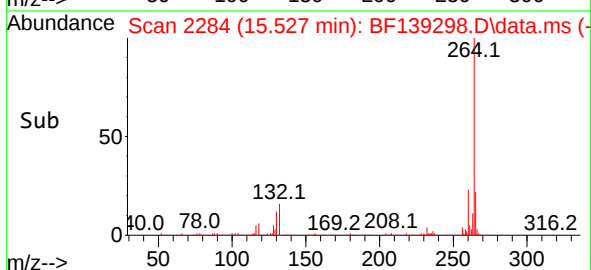
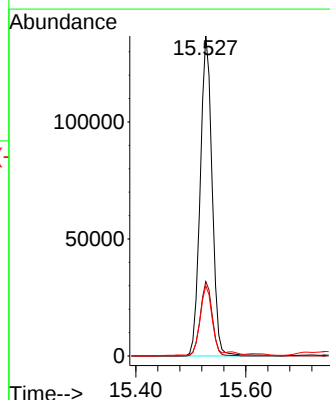
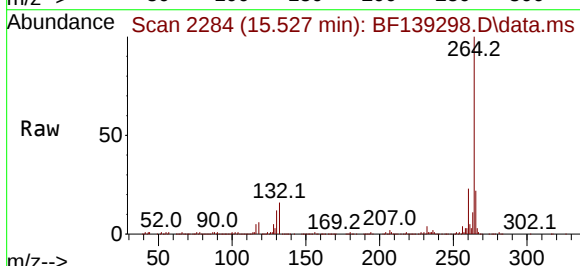
Tgt Ion:264 Resp: 205553

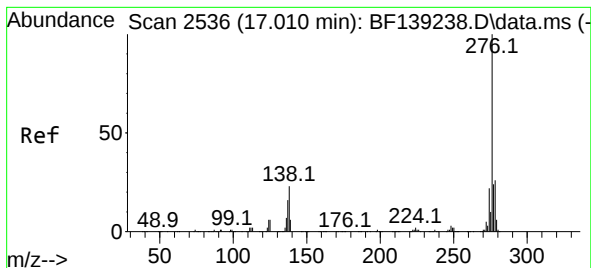
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.114 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

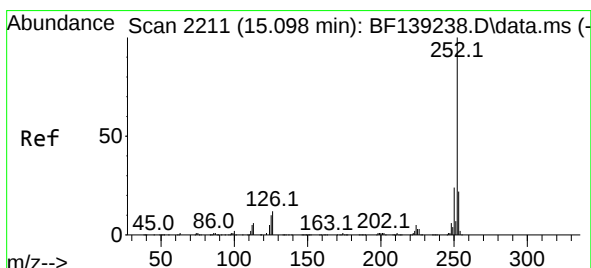
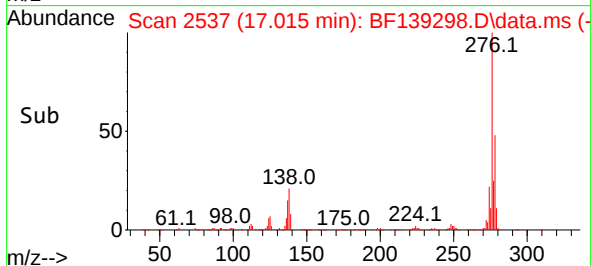
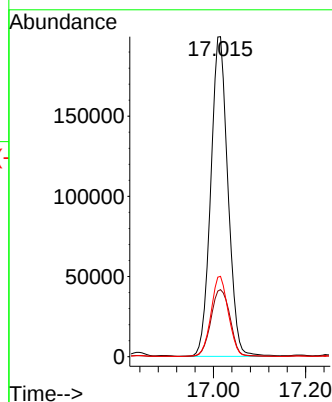
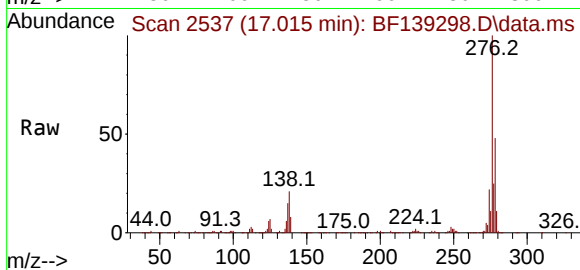
Tgt Ion:276 Resp: 515106

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: 63.163 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

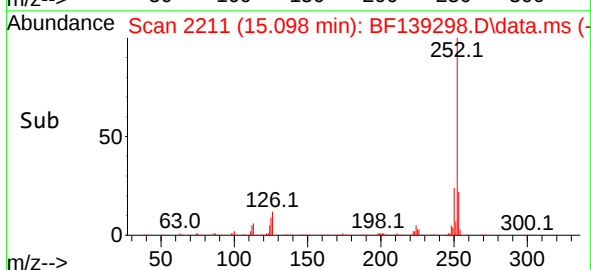
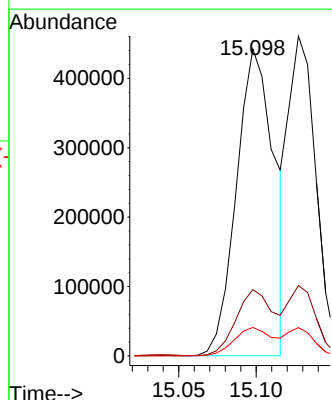
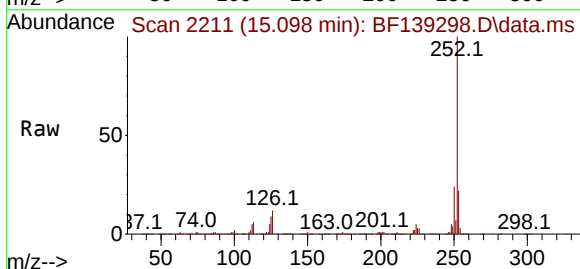
Tgt Ion:252 Resp: 747705

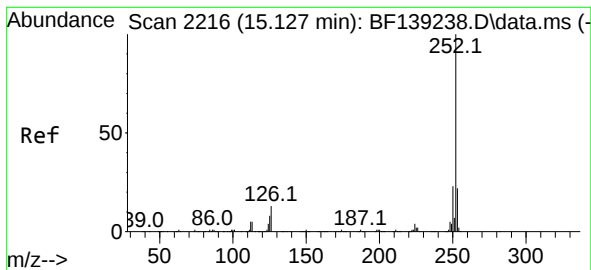
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.3 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 53.670 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

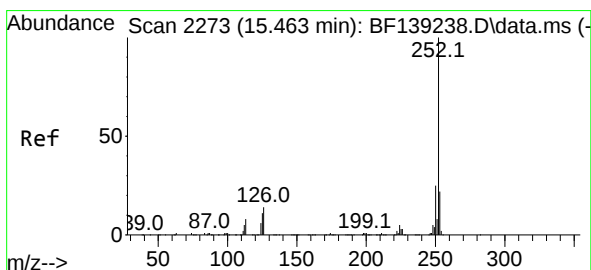
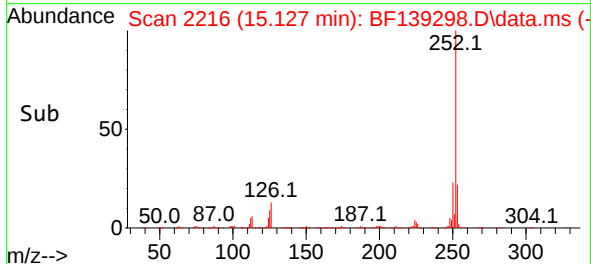
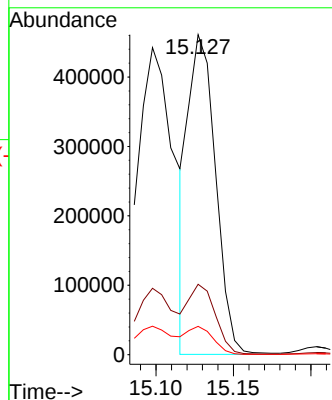
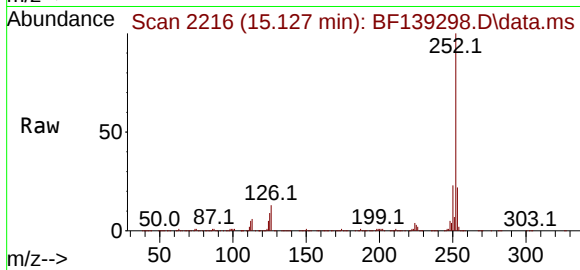
Tgt Ion:252 Resp: 569652

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 61.190 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.006 min

Lab File: BF139298.D

Acq: 10 Sep 2024 14:29

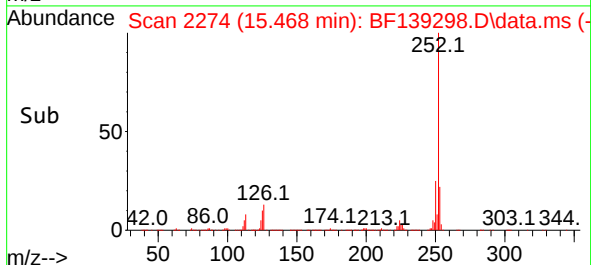
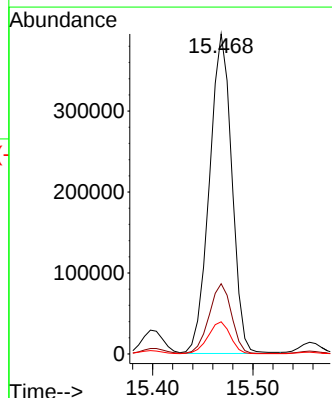
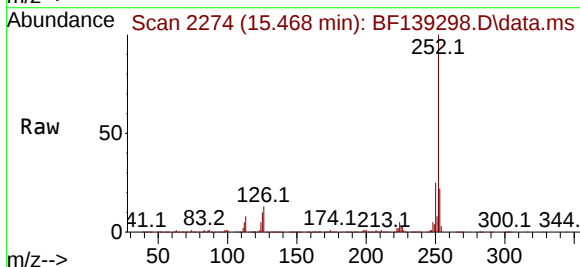
Tgt Ion:252 Resp: 615068

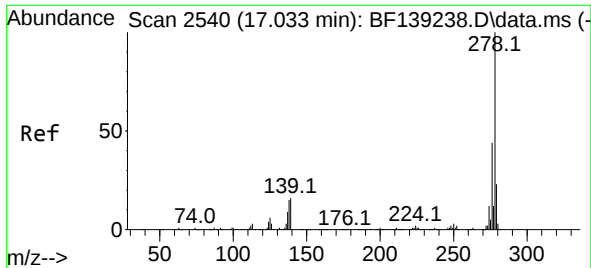
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.1 8.6 13.0

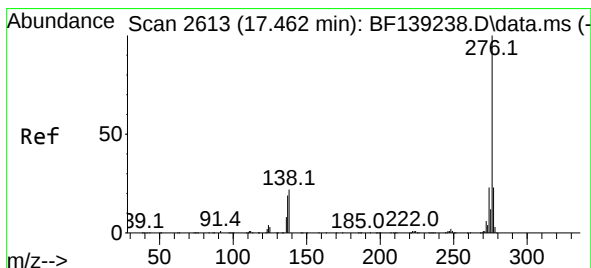
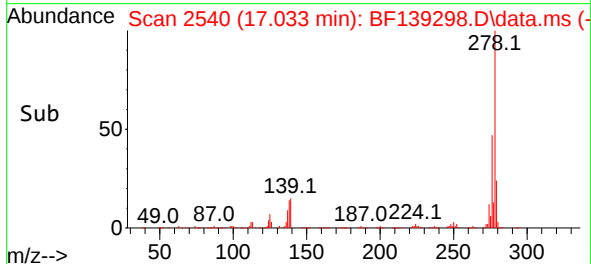
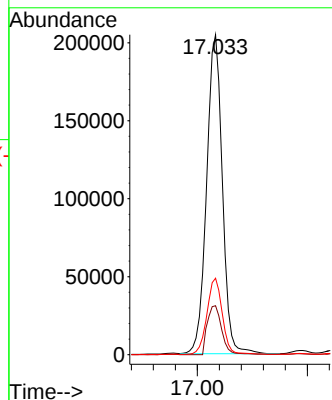
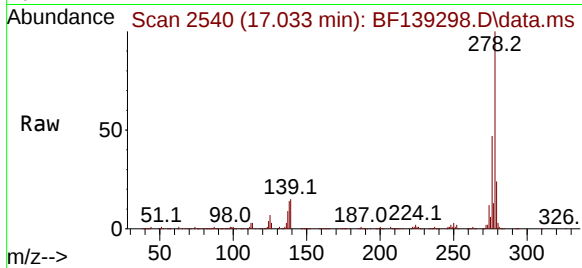




#91
Dibenzo(a,h)anthracene
Concen: 38.450 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion:278 Resp: 406893
Ion Ratio Lower Upper
278 100
139 15.3 12.6 19.0
279 23.9 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 34.188 ng
RT: 17.456 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF139298.D
Acq: 10 Sep 2024 14:29

Tgt Ion:276 Resp: 373443
Ion Ratio Lower Upper
276 100
277 23.1 18.6 27.8
138 20.4 17.4 26.0

