

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139503.D
 Acq On : 20 Sep 2024 15:55
 Operator : RC/JU
 Sample : P4126-01MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-09192024MSD

Quant Time: Sep 20 16:52:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84652	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	293536	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	130592	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	214580	20.000	ng	0.00
76) Chrysene-d12	14.039	240	124140	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	97561	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	251327	48.434	ng	0.00
7) Phenol-d6	6.510	99	335758	49.296	ng	0.00
23) Nitrobenzene-d5	7.439	82	218014	34.916	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	59991	43.149	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	358352	38.486	ng	0.00
79) Terphenyl-d14	12.980	244	310029	40.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	34570	16.605	ng	97
3) Pyridine	3.422	79	90968	19.818	ng	98
4) n-Nitrosodimethylamine	3.363	42	73280	18.419	ng	87
6) Aniline	6.563	93	41007	7.978	ng	98
8) 2-Chlorophenol	6.663	128	113941	21.331	ng	98
9) Benzaldehyde	6.428	77	18491	4.699	ng	96
10) Phenol	6.522	94	146743	21.154	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	122647	23.262	ng	93
12) 1,3-Dichlorobenzene	6.816	146	119137	19.612	ng	98
13) 1,4-Dichlorobenzene	6.892	146	122578	19.968	ng	98
14) 1,2-Dichlorobenzene	7.045	146	115624	19.933	ng	98
15) Benzyl Alcohol	7.016	79	82650	15.210	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	195693	24.084	ng	99
17) 2-Methylphenol	7.134	107	90107	21.232	ng	97
18) Hexachloroethane	7.386	117	42758	18.287	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	84857	21.024	ng	99
20) 3+4-Methylphenols	7.287	107	115812	20.002	ng	# 86
22) Acetophenone	7.281	105	159258	20.753	ng	97
24) Nitrobenzene	7.457	77	129796	20.198	ng	98
25) Isophorone	7.692	82	219895	22.268	ng	99
26) 2-Nitrophenol	7.775	139	55315	22.094	ng	93
27) 2,4-Dimethylphenol	7.810	122	82494	24.979	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	129493	23.009	ng	99
29) 2,4-Dichlorophenol	8.022	162	87088	20.757	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	96161	19.671	ng	99
31) Naphthalene	8.181	128	323057	21.081	ng	100
32) Benzoic acid	7.898	122	36245	11.727	ng	93
33) 4-Chloroaniline	8.269	127	67060	14.304	ng	98
34) Hexachlorobutadiene	8.298	225	63670	19.171	ng	99
35) Caprolactam	8.581	113	25306	19.608	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	87321	18.211	ng	97
37) 2-Methylnaphthalene	8.869	142	198859	20.444	ng	99
38) 1-Methylnaphthalene	8.969	142	181236	18.979	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	89330	23.081	ng	99
41) Hexachlorocyclopentadiene	9.022	237	47105	34.857	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	55609	22.084	ng	98

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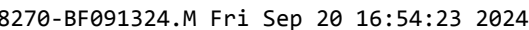
Instrument :
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 NB-08-09192024MSD

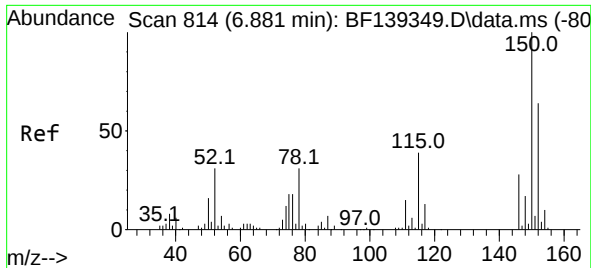
Quant Time: Sep 20 16:52:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	56939	21.437	ng	100
46) 1,1'-Biphenyl	9.333	154	228780	22.771	ng	99
47) 2-Chloronaphthalene	9.357	162	167000	22.231	ng	99
48) 2-Nitroaniline	9.457	65	62458	22.354	ng	99
49) Acenaphthylene	9.775	152	261174	23.097	ng	99
50) Dimethylphthalate	9.633	163	197718	23.067	ng	99
51) 2,6-Dinitrotoluene	9.698	165	40691	21.430	ng	89
52) Acenaphthene	9.945	154	174598	22.123	ng	100
53) 3-Nitroaniline	9.869	138	37504	19.764	ng	89
54) 2,4-Dinitrophenol	9.975	184	17637	16.669	ng	89
55) Dibenzofuran	10.116	168	237056	21.551	ng	96
56) 4-Nitrophenol	10.033	139	58029	36.956	ng	85
57) 2,4-Dinitrotoluene	10.098	165	51492	20.086	ng	96
58) Fluorene	10.463	166	192386	21.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	43945	20.001	ng	94
60) Diethylphthalate	10.327	149	185567	20.979	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	85370	19.572	ng	97
62) 4-Nitroaniline	10.475	138	38154	18.422	ng	88
63) Azobenzene	10.616	77	197494	22.701	ng	89
65) 4,6-Dinitro-2-methylph...	10.504	198	12770	11.276	ng	90
66) n-Nitrosodiphenylamine	10.569	169	151663	24.175	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	47497	22.337	ng	97
68) Hexachlorobenzene	11.010	284	53602	21.478	ng	98
69) Atrazine	11.098	200	42438	28.414	ng	99
70) Pentachlorophenol	11.204	266	60007	40.072	ng	98
71) Phenanthrene	11.427	178	356654	34.451	ng	100
72) Anthracene	11.474	178	271807	26.853	ng	99
73) Carbazole	11.633	167	232347	23.984	ng	98
74) Di-n-butylphthalate	11.957	149	256753	23.792	ng	99
75) Fluoranthene	12.610	202	407409	36.851	ng	98
77) Benzidine	12.745	184	33407	18.783	ng	# 95
78) Pyrene	12.839	202	418561	39.268	ng	99
80) Butylbenzylphthalate	13.457	149	100351	27.659	ng	98
81) Benzo(a)anthracene	14.027	228	238334	28.984	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	54632	22.687	ng	99
83) Chrysene	14.063	228	213300	28.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	121030	26.223	ng	100
85) Di-n-octyl phthalate	14.627	149	169133	24.883	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	140521	24.223	ng	98
88) Benzo(b)fluoranthene	15.080	252	168561	28.014	ng	99
89) Benzo(k)fluoranthene	15.110	252	143950	25.947	ng	99
90) Benzo(a)pyrene	15.445	252	150303	30.120	ng	# 98
91) Dibenzo(a,h)anthracene	17.004	278	101685	21.212	ng	99
92) Benzo(g,h,i)perylene	17.427	276	105425	22.212	ng	97

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

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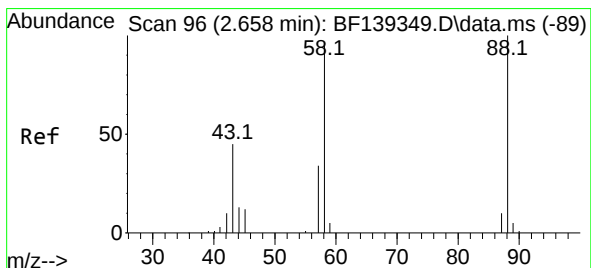
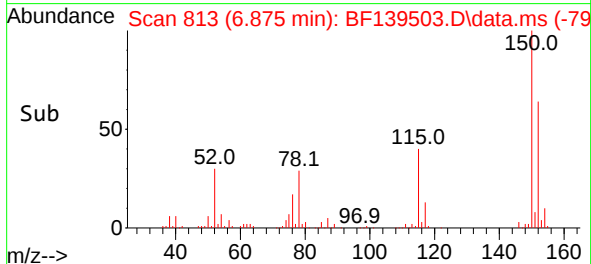
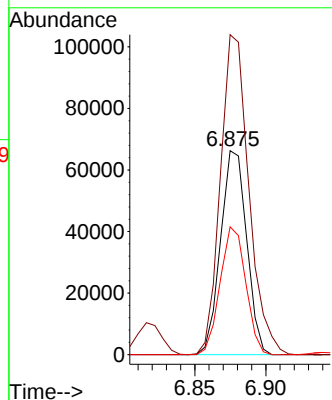
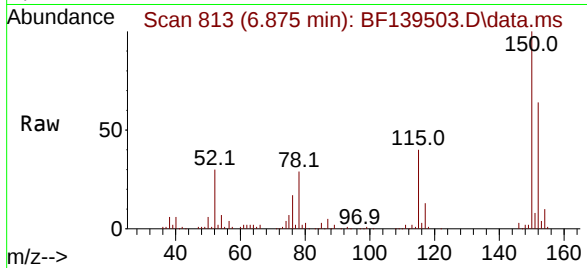




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139503.D
 Acq: 20 Sep 2024 15:55

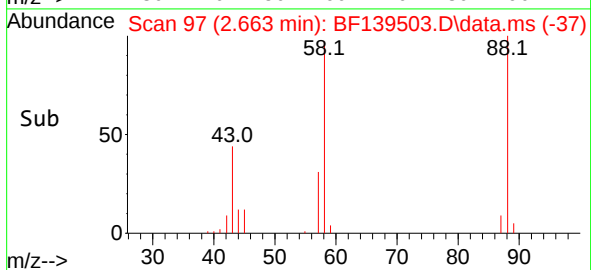
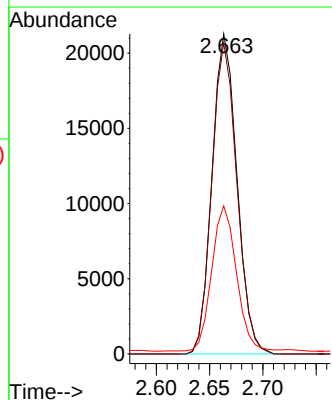
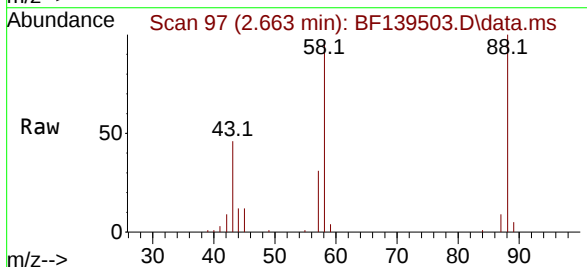
Instrument :
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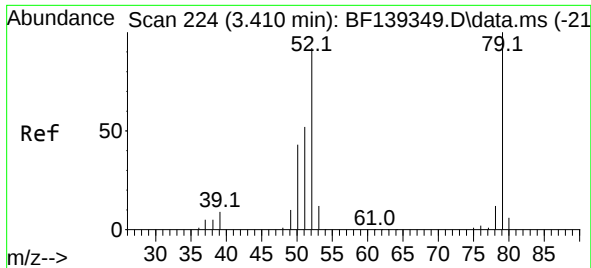
Tgt Ion:152 Resp: 84652
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.1 186.1
 115 62.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: 16.605 ng
 RT: 2.663 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: BF139503.D
 Acq: 20 Sep 2024 15:55

Tgt Ion: 88 Resp: 34570
 Ion Ratio Lower Upper
 88 100
 58 97.6 74.8 112.2
 43 45.0 36.4 54.6





#3

Pyridine

Concen: 19.818 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

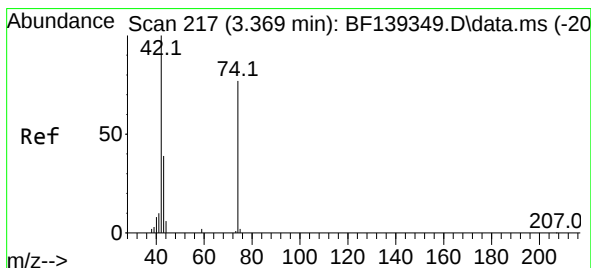
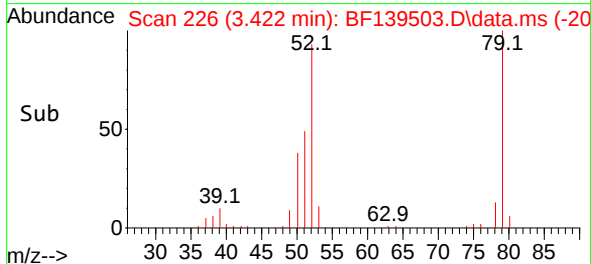
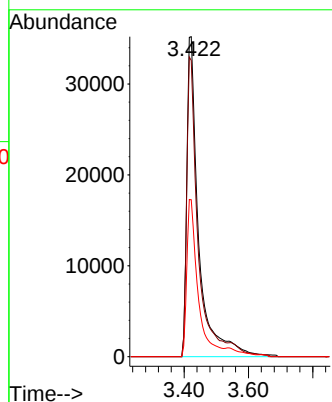
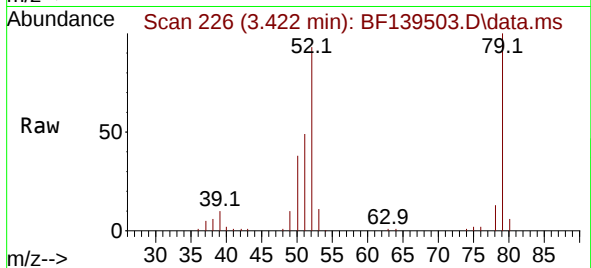
Tgt Ion: 79 Resp: 90968

Ion Ratio Lower Upper

79 100

52 92.5 73.8 110.8

51 49.1 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 18.419 ng

RT: 3.363 min Scan# 216

Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

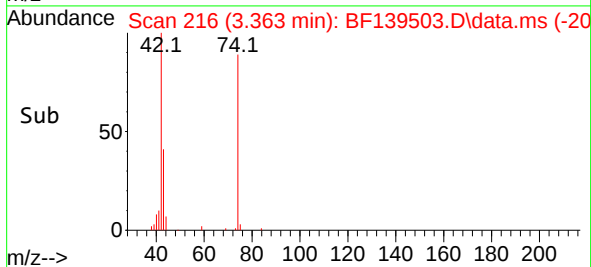
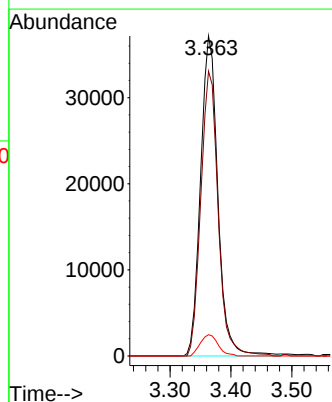
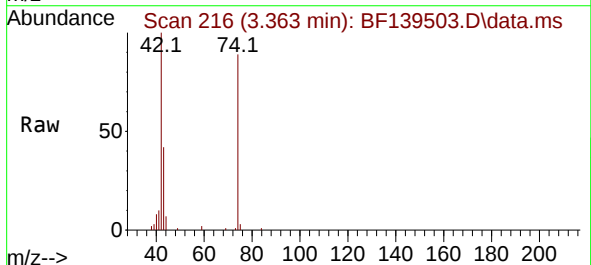
Tgt Ion: 42 Resp: 73280

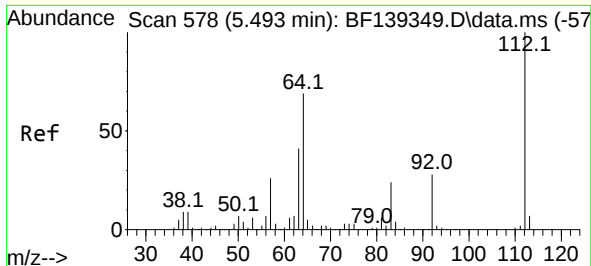
Ion Ratio Lower Upper

42 100

74 89.0 61.8 92.8

44 6.6 4.8 7.2



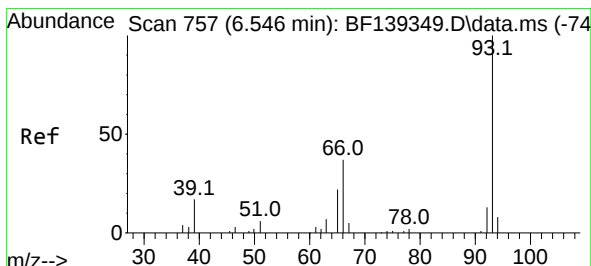
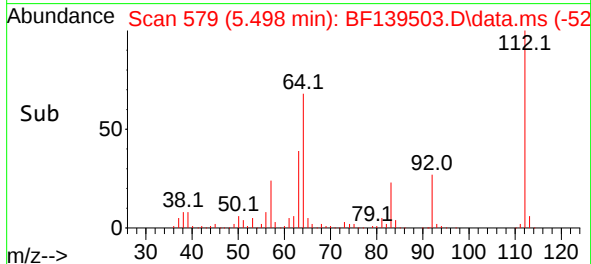
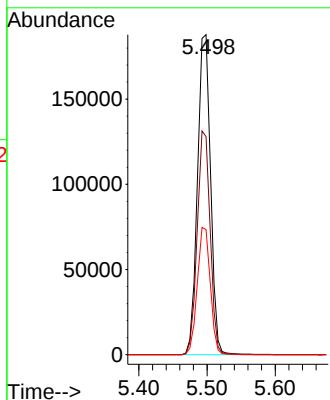
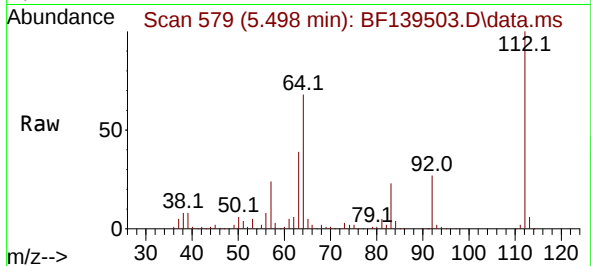


#5
2-Fluorophenol
Concen: 48.434 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 251327

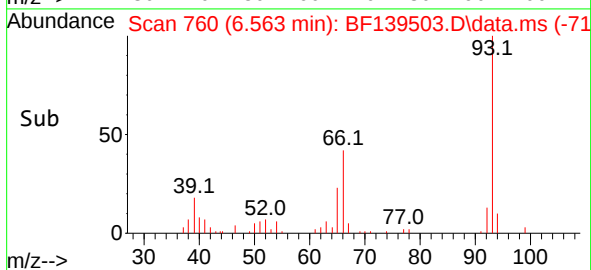
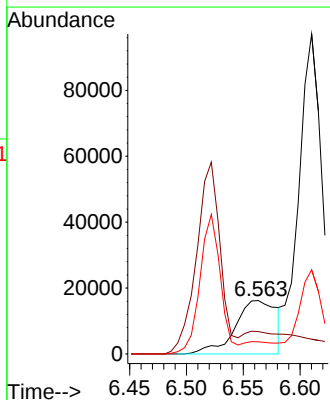
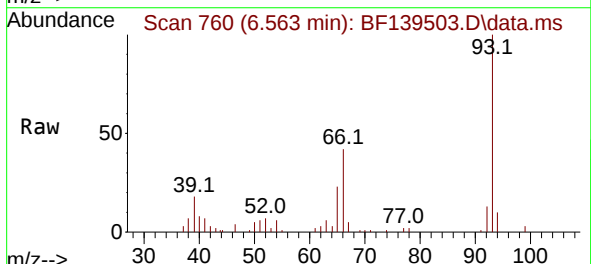
Ion	Ratio	Lower	Upper
112	100		
64	68.2	54.8	82.2
63	39.1	33.0	49.4

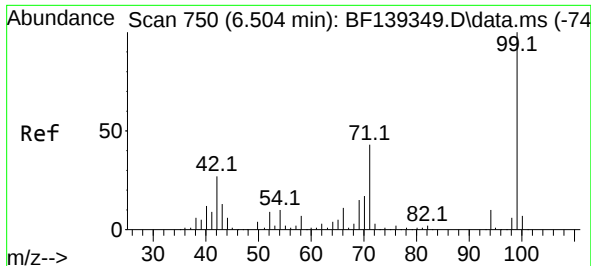


#6
Aniline
Concen: 7.978 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion: 93 Resp: 41007

Ion	Ratio	Lower	Upper
93	100		
66	42.0	35.4	53.0
65	22.8	18.2	27.4

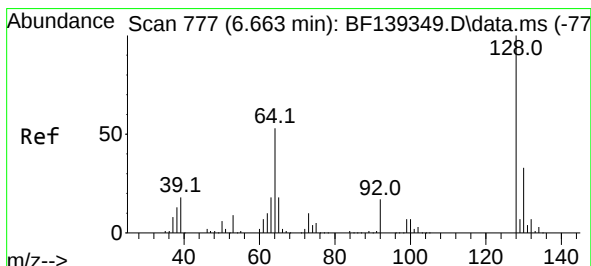
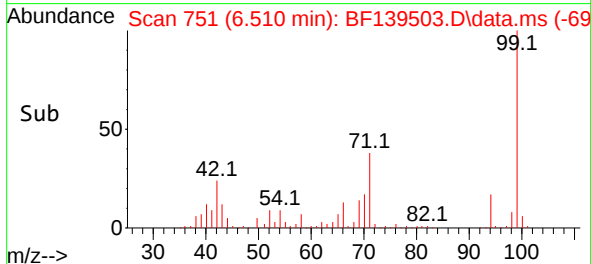
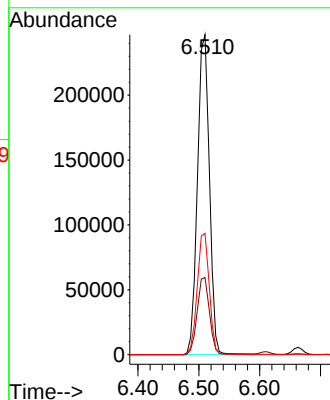
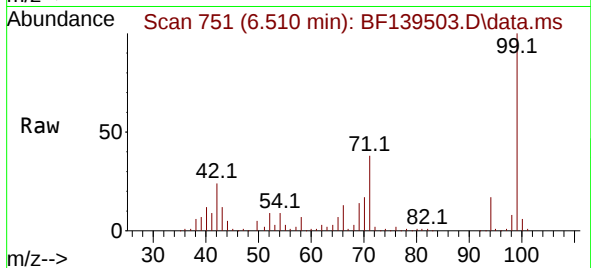




#7
Phenol-d6
Concen: 49.296 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

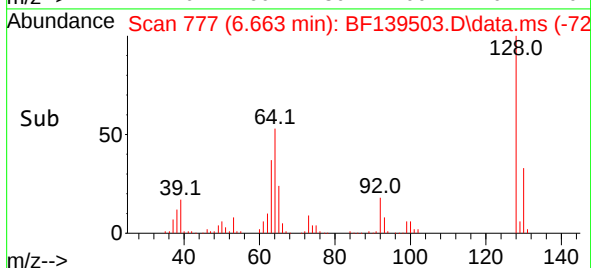
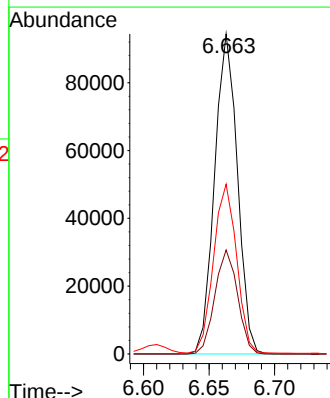
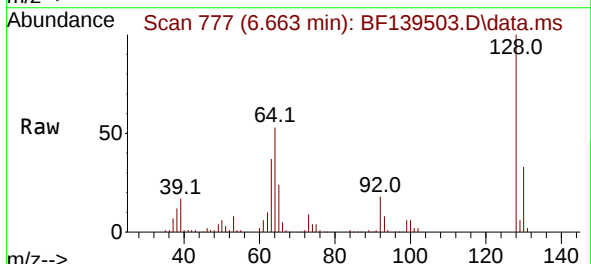
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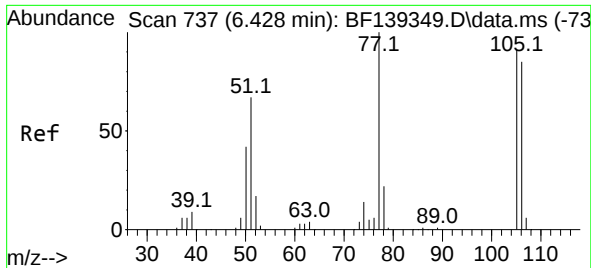
Tgt Ion: 99 Resp: 335758
Ion Ratio Lower Upper
99 100
42 24.1 21.9 32.9
71 38.0 34.6 52.0



#8
2-Chlorophenol
Concen: 21.331 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion: 128 Resp: 113941
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 53.1 35.1 75.1





#9

Benzaldehyde

Concen: 4.699 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

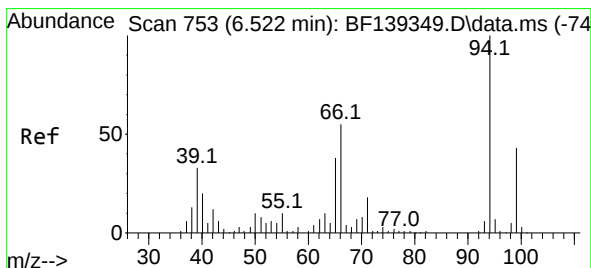
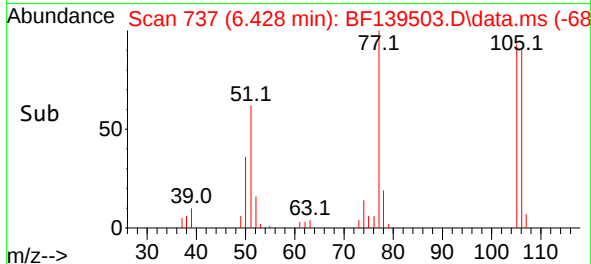
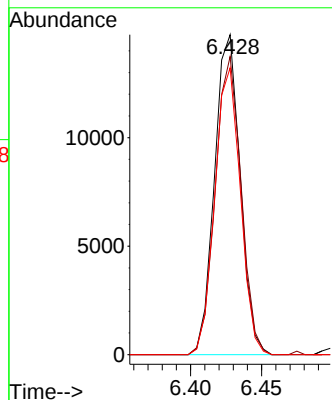
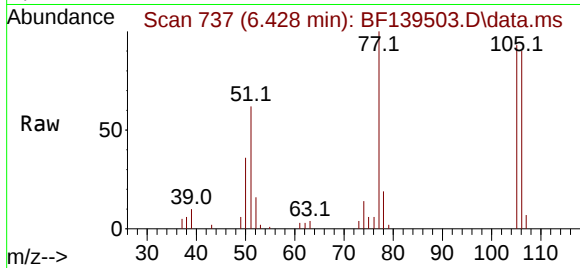
Tgt Ion: 77 Resp: 18491

Ion Ratio Lower Upper

77 100

105 93.2 71.0 111.0

106 89.6 64.9 104.9



#10

Phenol

Concen: 21.154 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

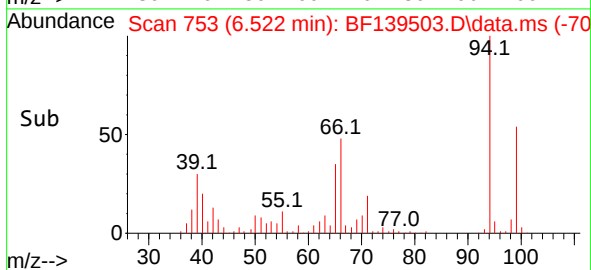
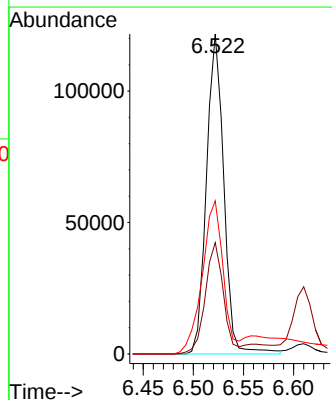
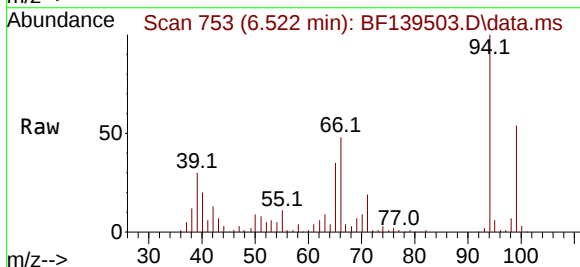
Tgt Ion: 94 Resp: 146743

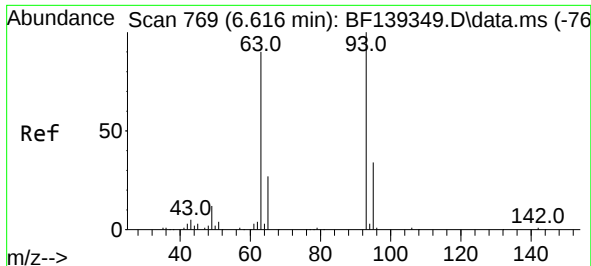
Ion Ratio Lower Upper

94 100

65 34.8 17.6 57.6

66 47.8 35.2 75.2

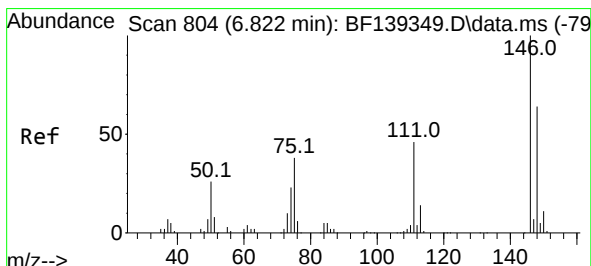
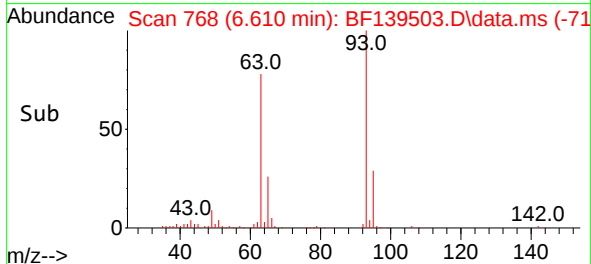
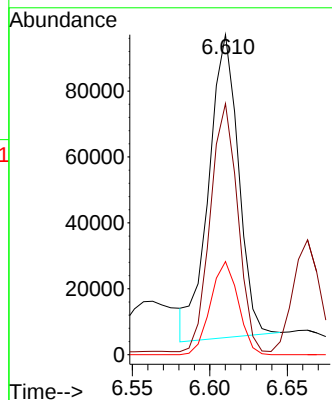
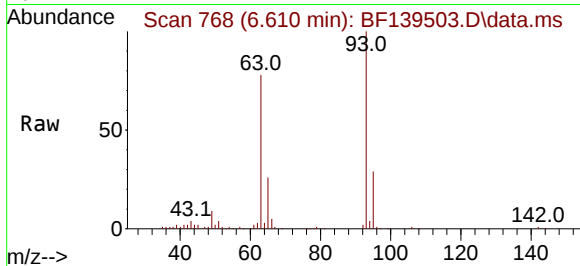




#11
bis(2-Chloroethyl)ether
Concen: 23.262 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

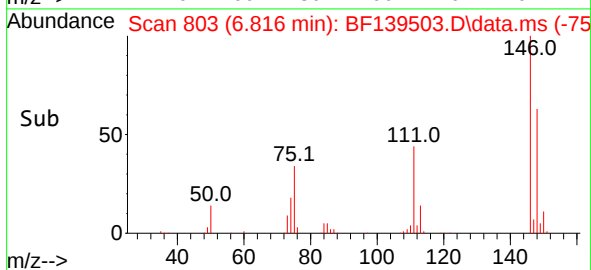
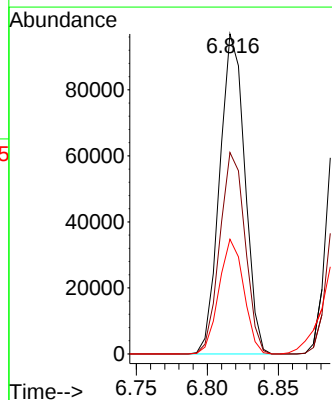
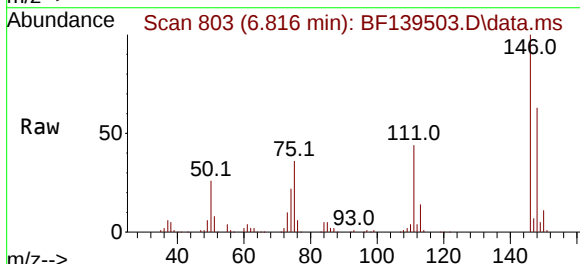
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

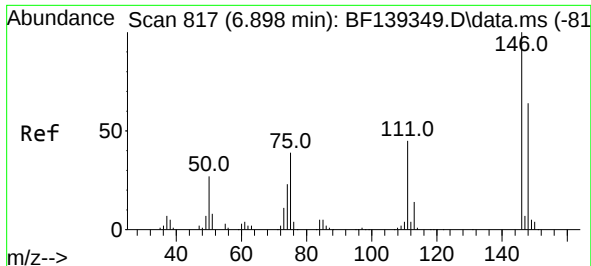
Tgt Ion: 93 Resp: 122647
Ion Ratio Lower Upper
93 100
63 78.4 65.3 105.3
95 29.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 19.612 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion: 146 Resp: 119137
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
75 35.9 30.6 46.0

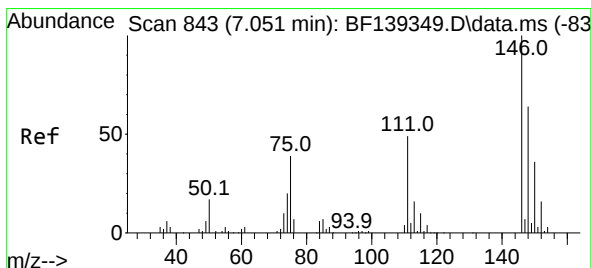
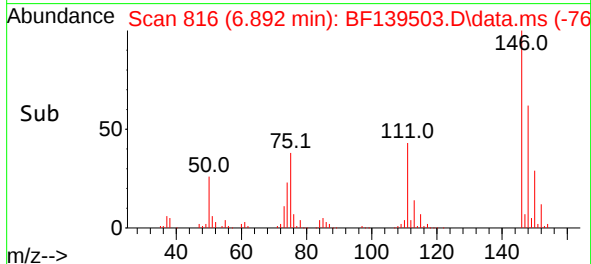
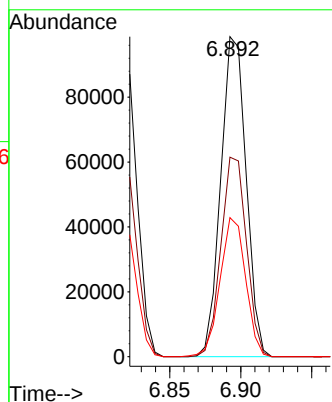
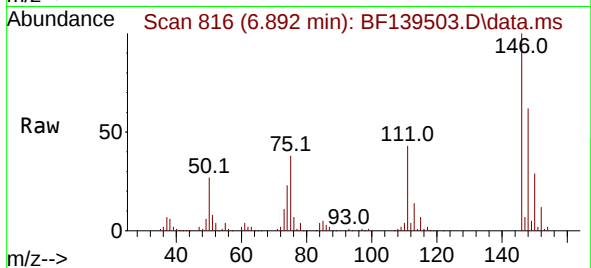




#13
1,4-Dichlorobenzene
Concen: 19.968 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

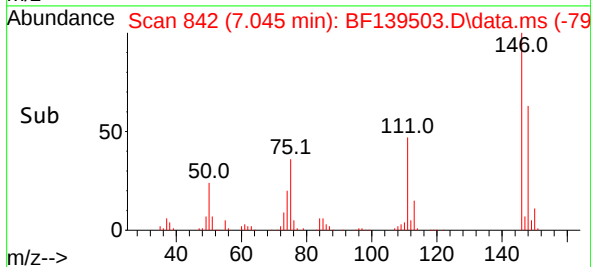
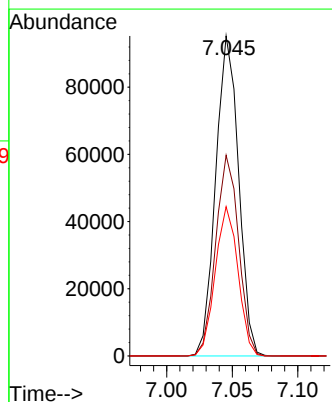
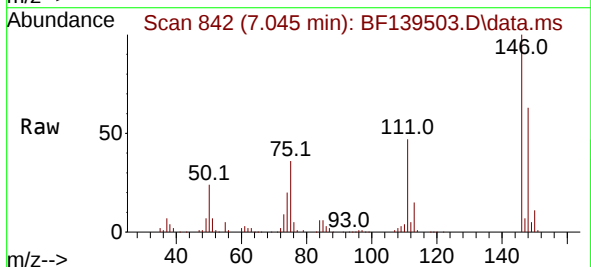
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

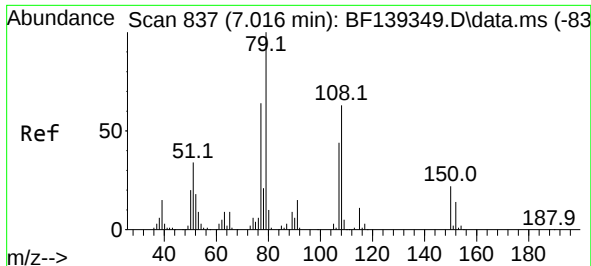
Tgt Ion:146 Resp: 122578
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
111 43.5 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 19.933 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:146 Resp: 115624
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 46.7 38.9 58.3

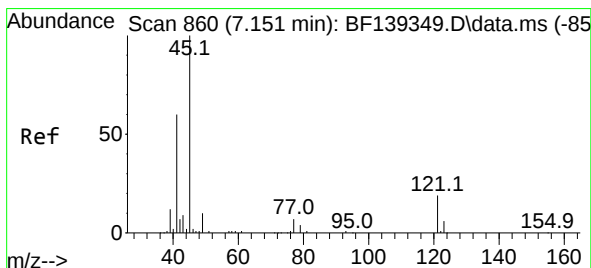
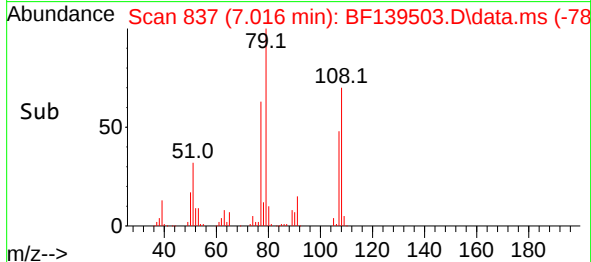
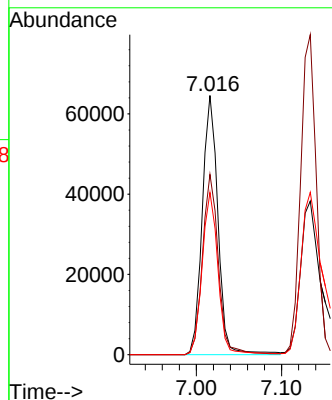
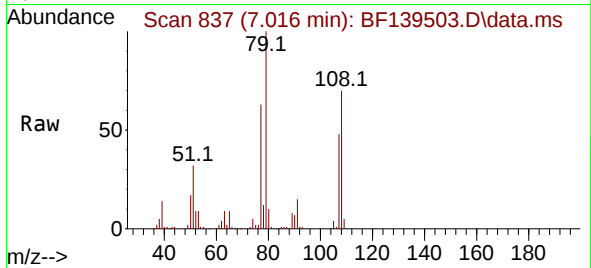




#15
Benzyl Alcohol
Concen: 15.210 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

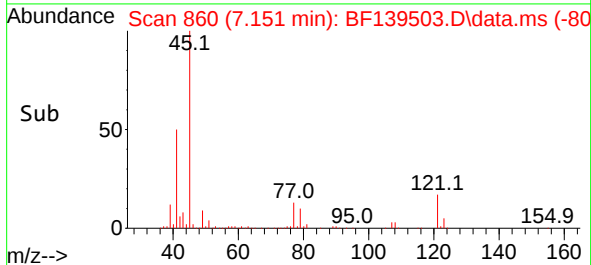
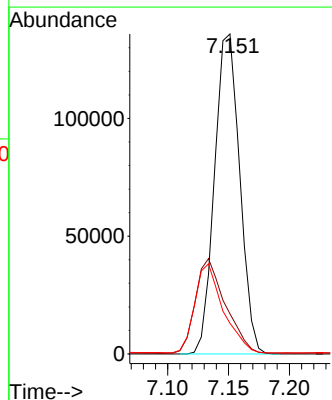
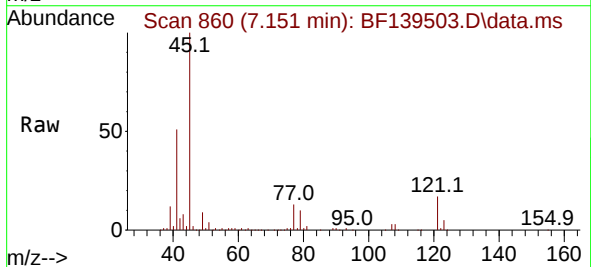
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

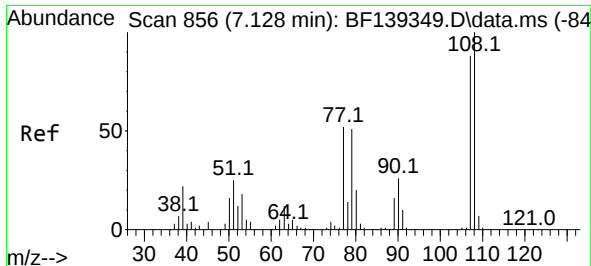
Tgt Ion: 79 Resp: 82650
Ion Ratio Lower Upper
79 100
108 69.6 50.4 75.6
77 62.6 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.084 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion: 45 Resp: 195693
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.0
79 9.6 0.0 29.1

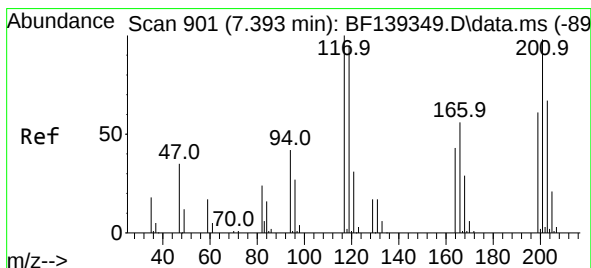
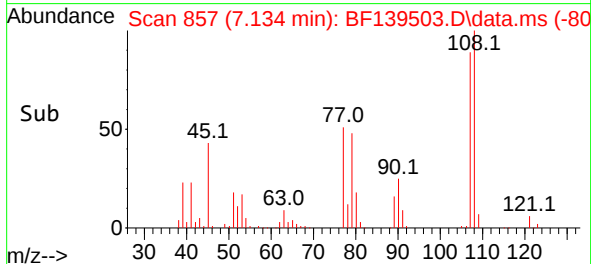
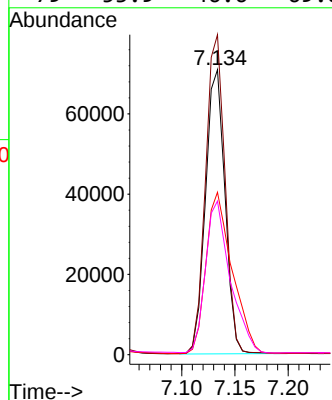
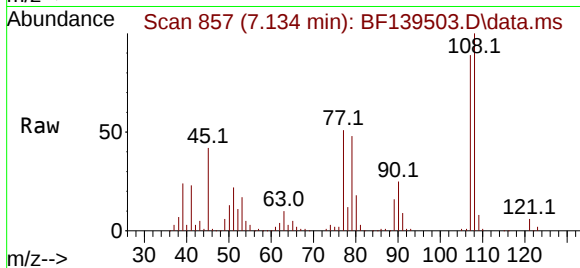




#17
2-Methylphenol
Concen: 21.232 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

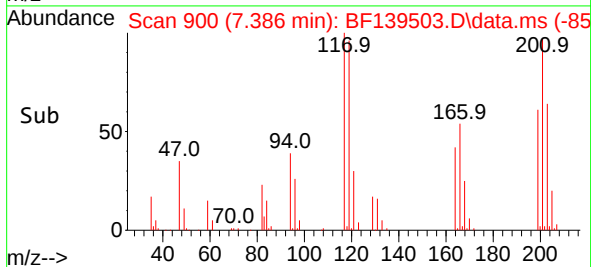
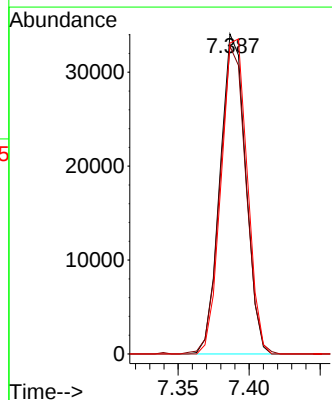
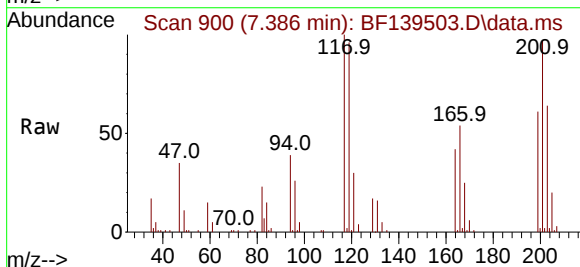
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

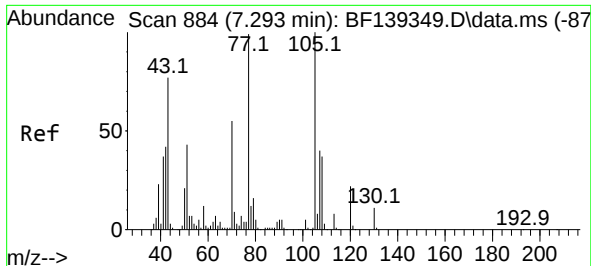
Tgt Ion:	107	Resp:	90107
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.5	135.7
77	57.0	47.1	70.7
79	53.9	46.6	69.8



#18
Hexachloroethane
Concen: 18.287 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:	117	Resp:	42758
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	97.1	78.6	118.0

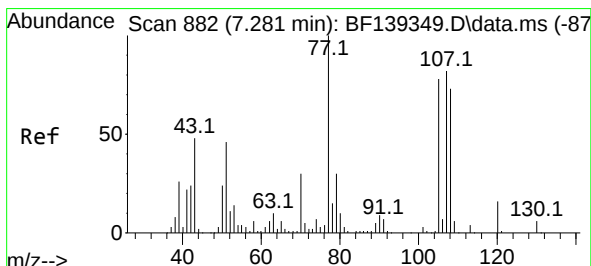
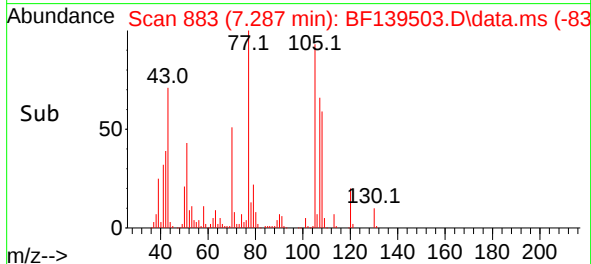
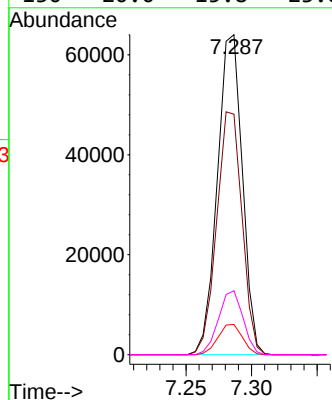
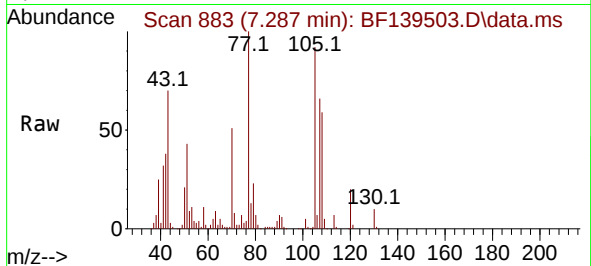




#19
n-Nitroso-di-n-propylamine
Concen: 21.024 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

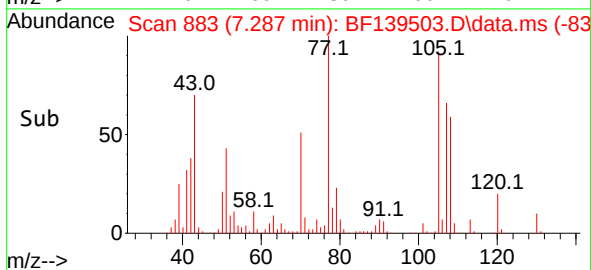
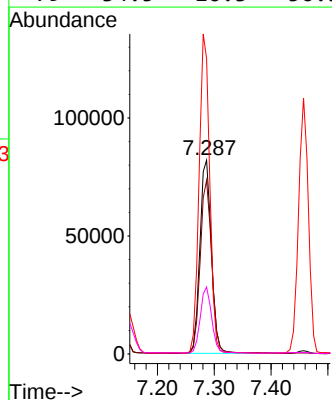
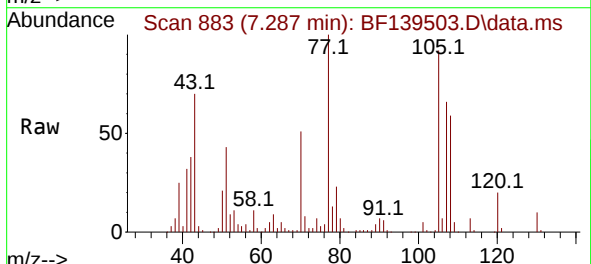
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

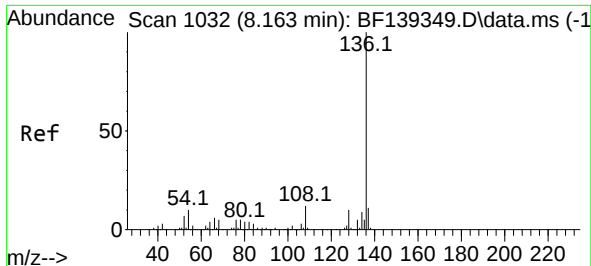
Tgt Ion:	70	Resp:	84857
Ion	Ratio	Lower	Upper
70	100		
42	75.1	61.2	91.8
101	9.5	7.5	11.3
130	20.0	15.8	23.8



#20
3+4-Methylphenols
Concen: 20.002 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:	107	Resp:	115812
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.6	108.6
77	152.3	101.6	141.6#
79	34.5	16.3	56.3

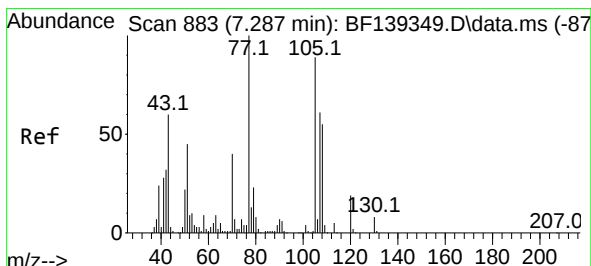
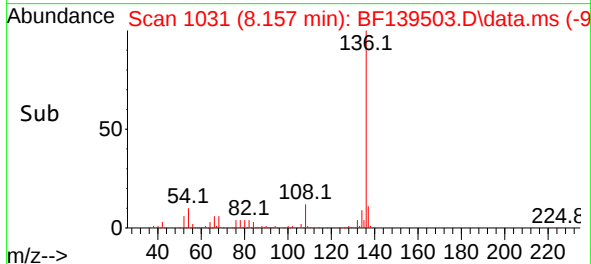
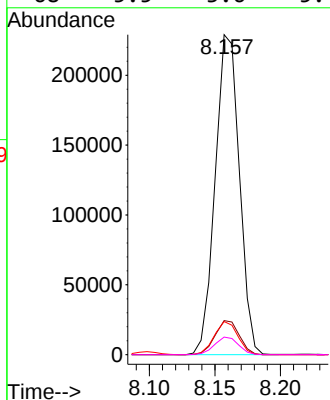
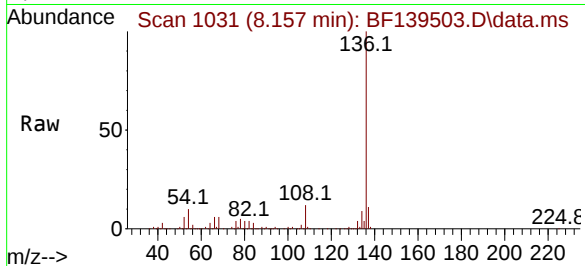




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

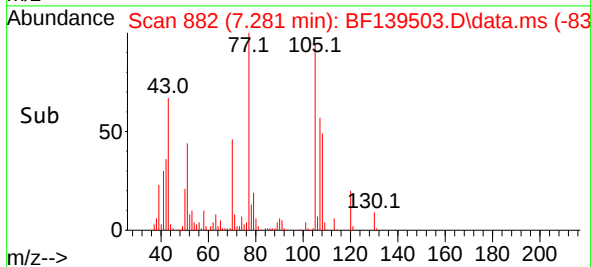
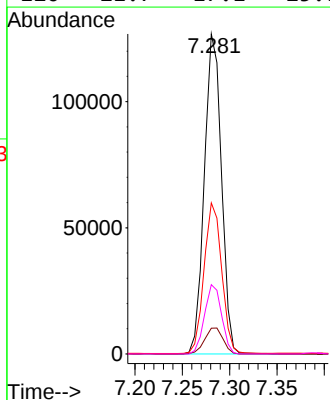
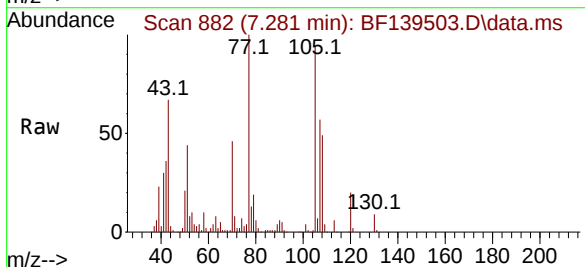
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

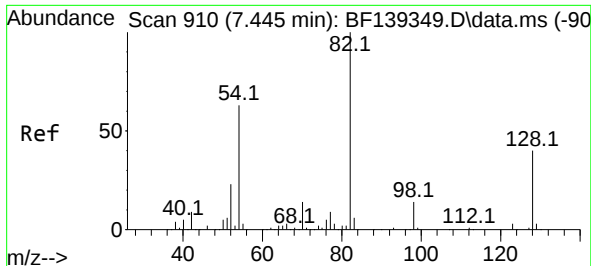
Tgt Ion:136	Resp:	293536	
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.3	7.8	11.8
68	5.5	3.6	5.4#



#22
Acetophenone
Concen: 20.753 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt	Ion:105	Resp:	159258
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.9	8.9
51	47.2	40.0	60.0
120	21.7	17.1	25.7





#23

Nitrobenzene-d5

Concen: 34.916 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

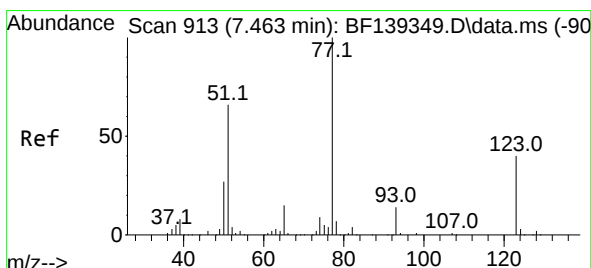
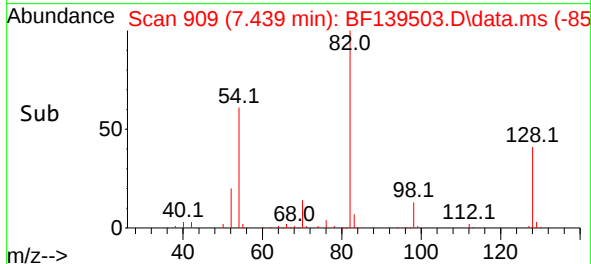
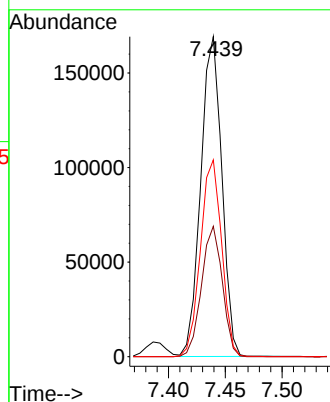
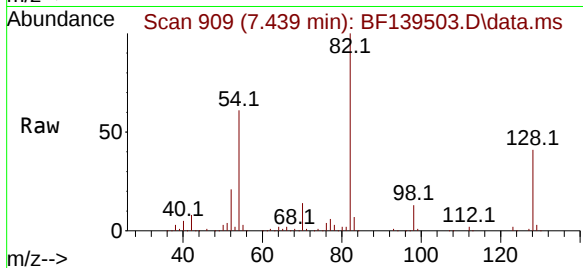
Tgt Ion: 82 Resp: 218014

Ion Ratio Lower Upper

82 100

128 40.7 31.8 47.6

54 61.5 50.6 75.8



#24

Nitrobenzene

Concen: 20.198 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

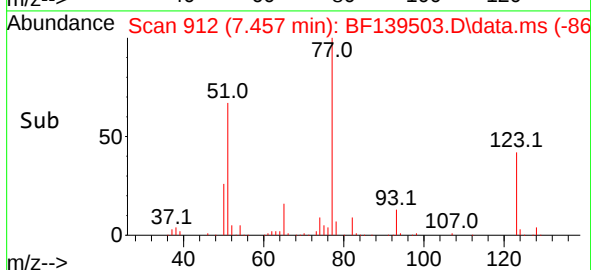
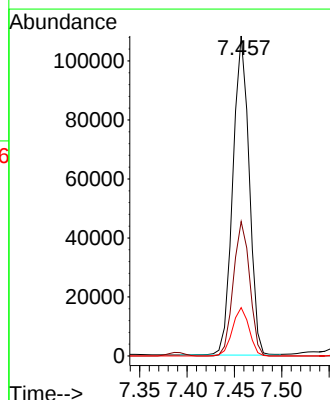
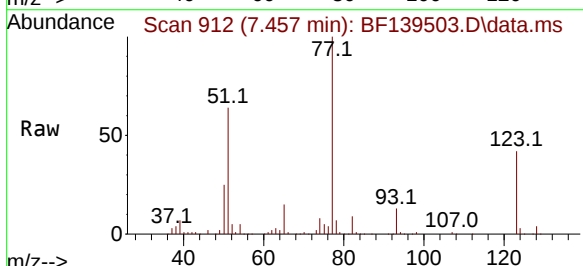
Tgt Ion: 77 Resp: 129796

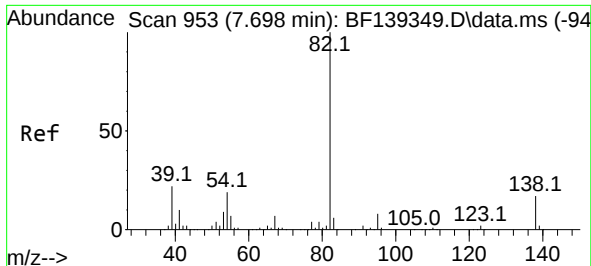
Ion Ratio Lower Upper

77 100

123 42.0 32.2 48.4

65 15.1 12.2 18.4

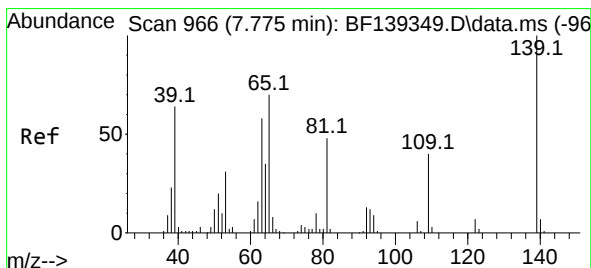
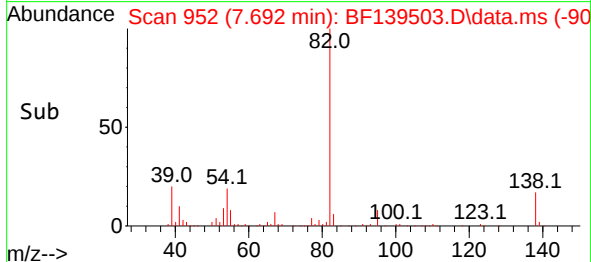
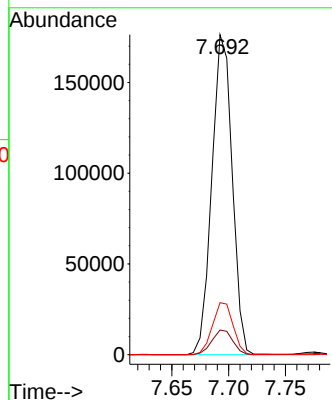
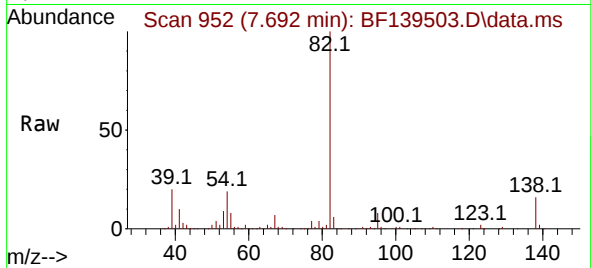




#25
Isophorone
Concen: 22.268 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

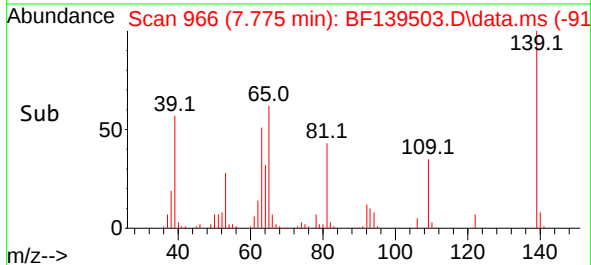
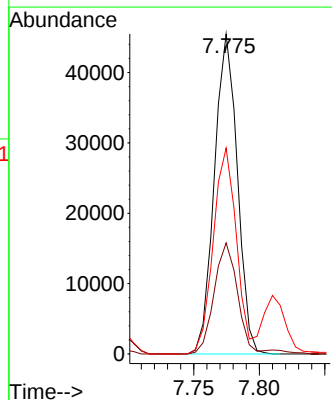
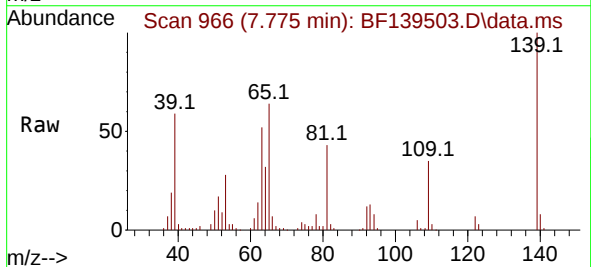
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

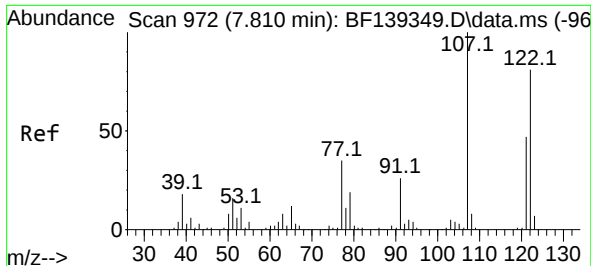
Tgt Ion: 82 Resp: 219895
Ion Ratio Lower Upper
82 100
95 7.7 6.7 10.1
138 16.2 13.3 19.9



#26
2-Nitrophenol
Concen: 22.094 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:139 Resp: 55315
Ion Ratio Lower Upper
139 100
109 34.7 32.2 48.2
65 64.4 55.8 83.8

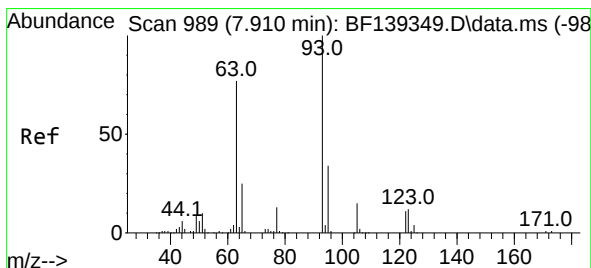
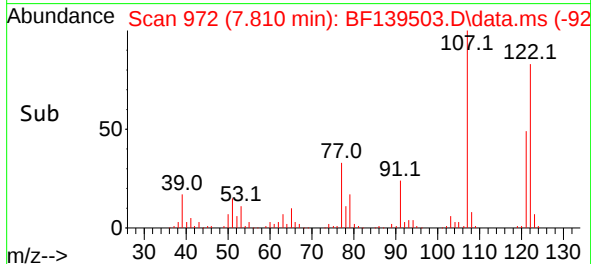
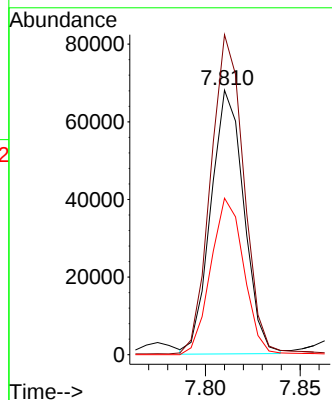
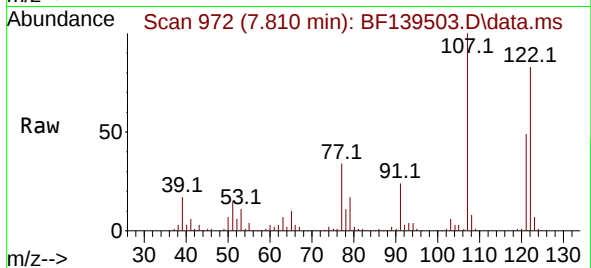




#27
2,4-Dimethylphenol
Concen: 24.979 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

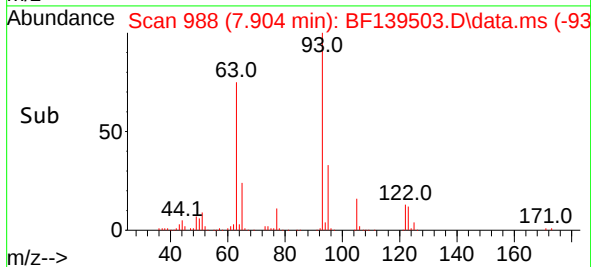
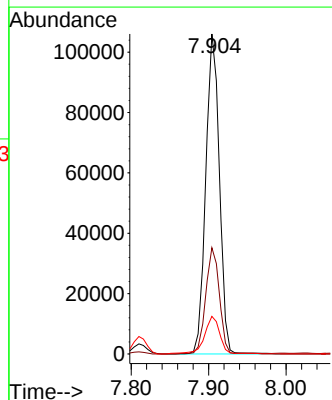
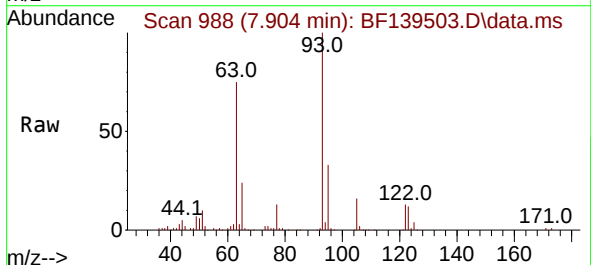
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

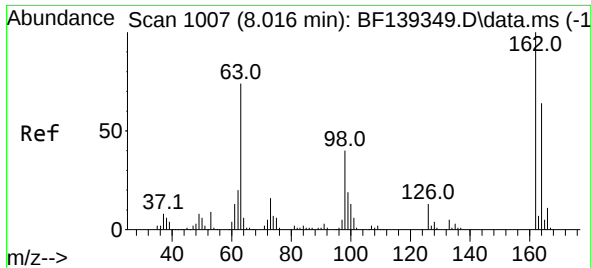
Tgt Ion:122 Resp: 82494
Ion Ratio Lower Upper
122 100
107 121.0 99.1 148.7
121 59.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 23.009 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion: 93 Resp: 129493
Ion Ratio Lower Upper
93 100
95 33.2 26.9 40.3
123 11.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 20.757 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

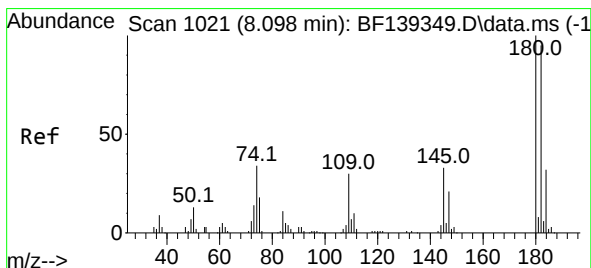
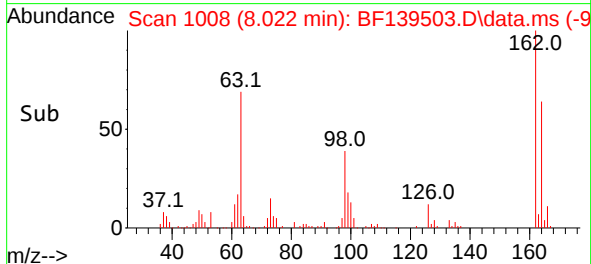
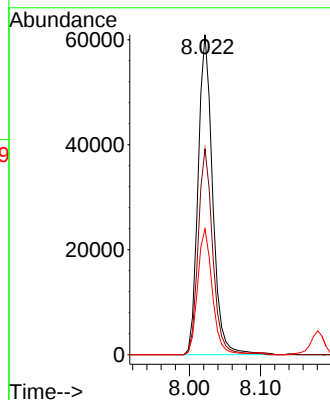
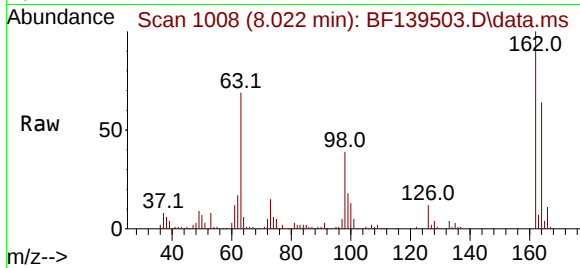
Tgt Ion:162 Resp: 87088

Ion Ratio Lower Upper

162 100

164 64.3 43.6 83.6

98 39.3 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 19.671 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

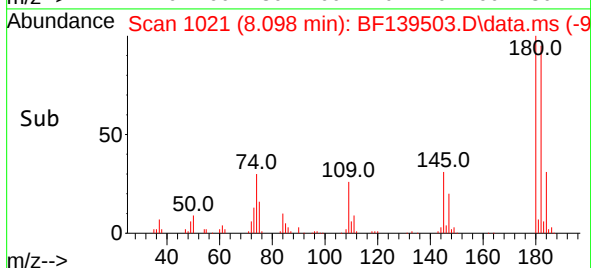
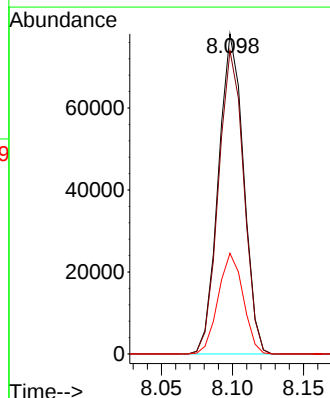
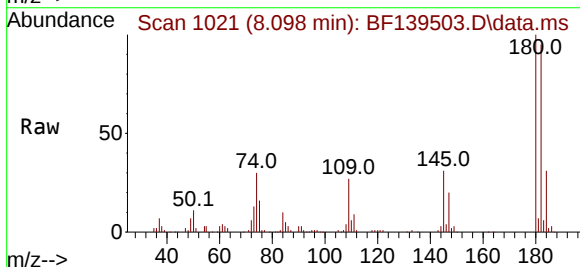
Tgt Ion:180 Resp: 96161

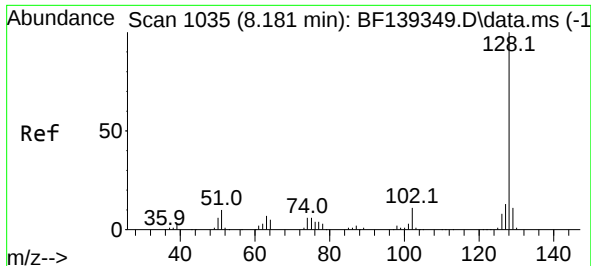
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

145 31.5 26.5 39.7

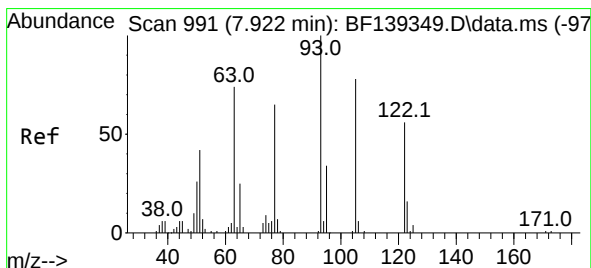
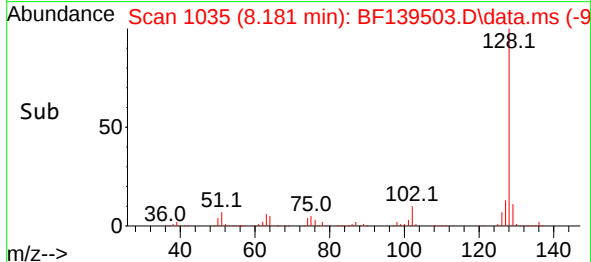
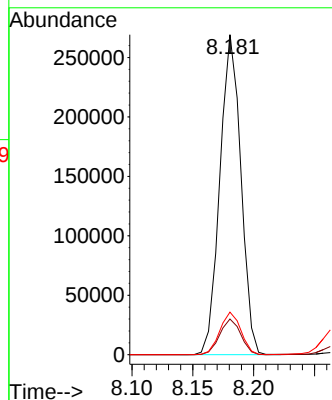
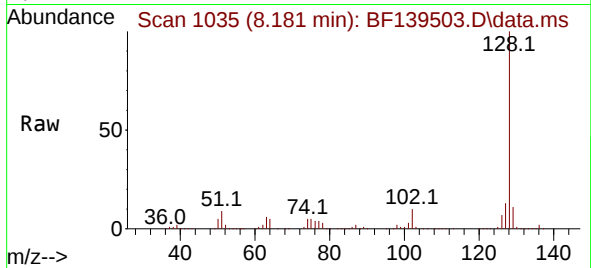




#31
Naphthalene
Concen: 21.081 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

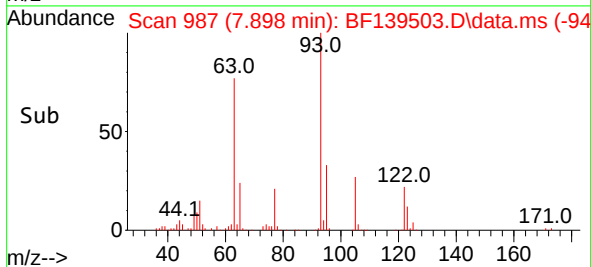
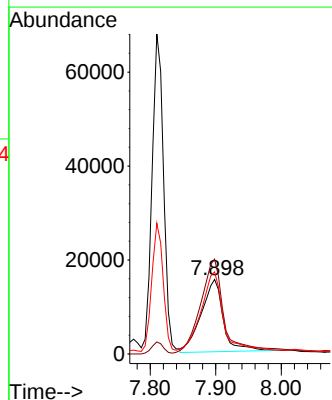
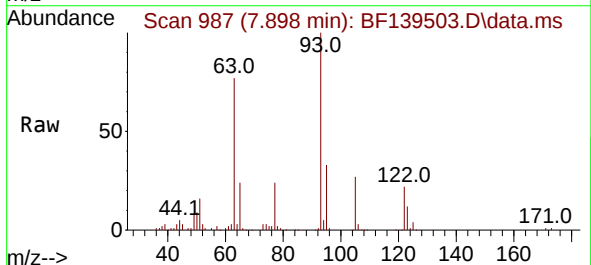
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

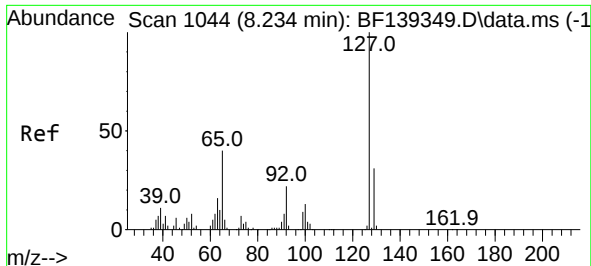
Tgt Ion:128 Resp: 323057
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 11.727 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.024 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:122 Resp: 36245
Ion Ratio Lower Upper
122 100
105 127.3 117.1 157.1
77 110.1 95.4 135.4

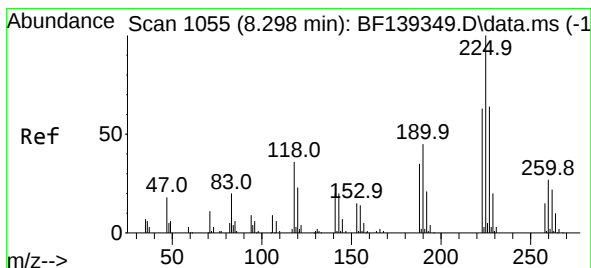
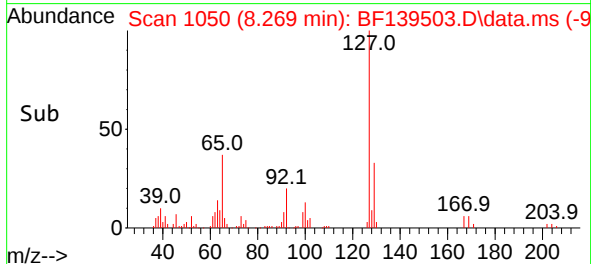
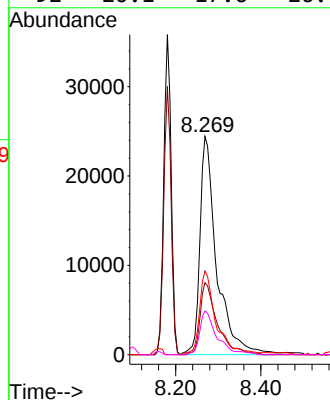
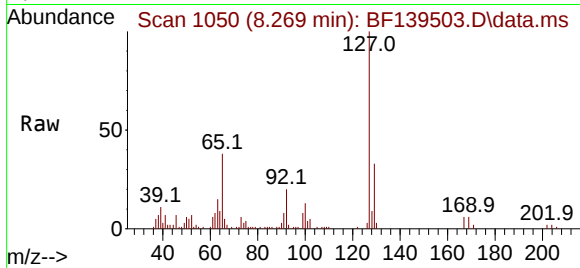




#33
4-Chloroaniline
Concen: 14.304 ng
RT: 8.269 min Scan# 1044
Delta R.T. 0.035 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

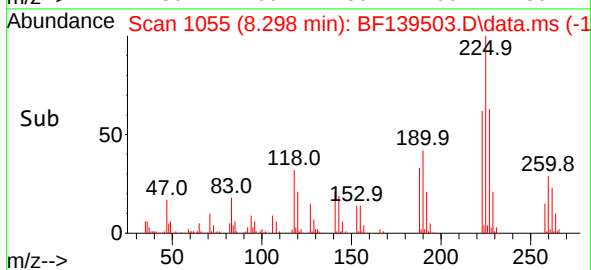
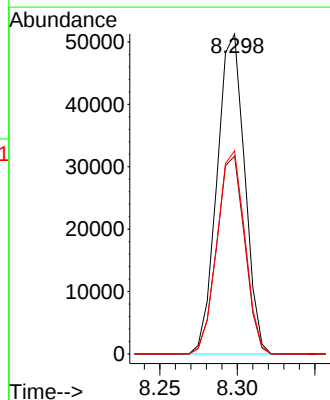
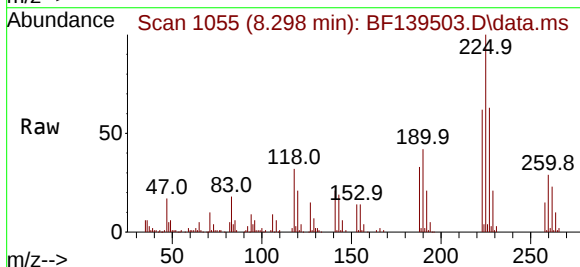
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

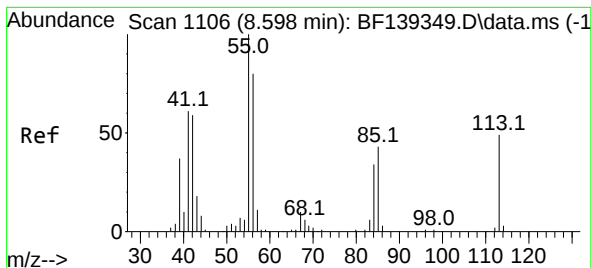
Tgt Ion:	127	Resp:	67060
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.5	38.3
65	38.4	31.5	47.3
92	20.1	17.6	26.4



#34
Hexachlorobutadiene
Concen: 19.171 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:	225	Resp:	63670
Ion Ratio	Lower	Upper	
225	100		
223	61.8	50.1	75.1
227	63.5	51.0	76.6





#35

Caprolactam

Concen: 19.608 ng

RT: 8.581 min Scan# 1103

Delta R.T. -0.018 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

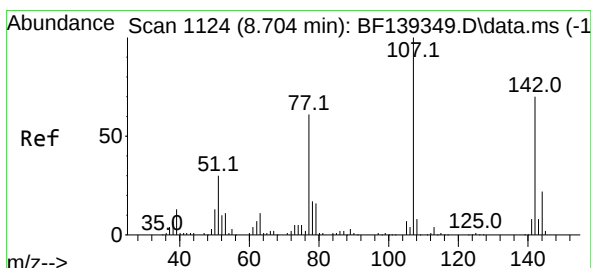
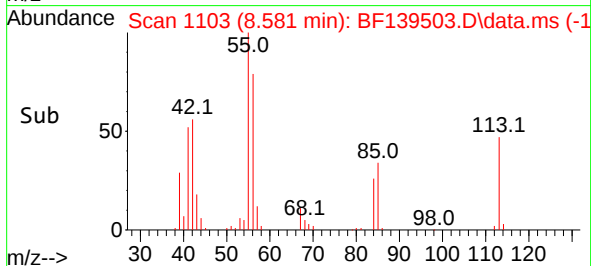
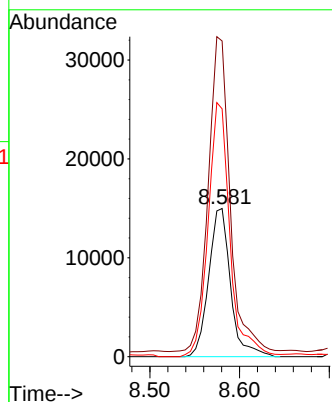
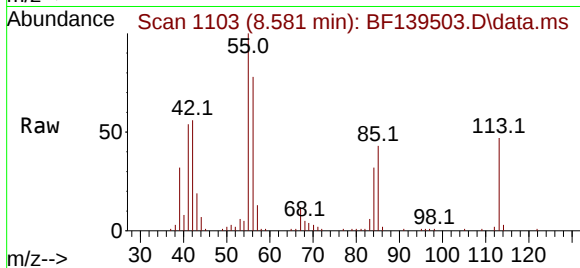
Tgt Ion:113 Resp: 25306

Ion Ratio Lower Upper

113 100

55 213.1 186.1 226.1

56 167.2 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 18.211 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

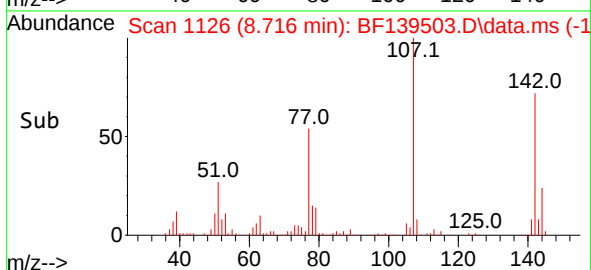
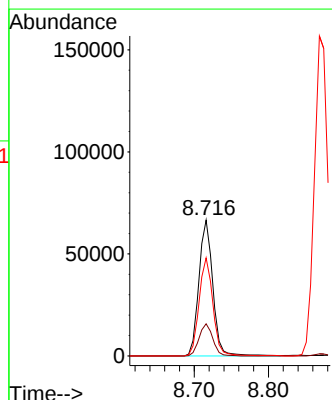
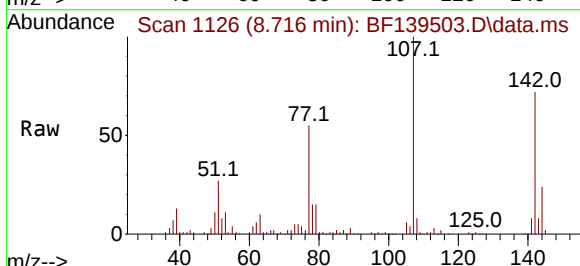
Tgt Ion:107 Resp: 87321

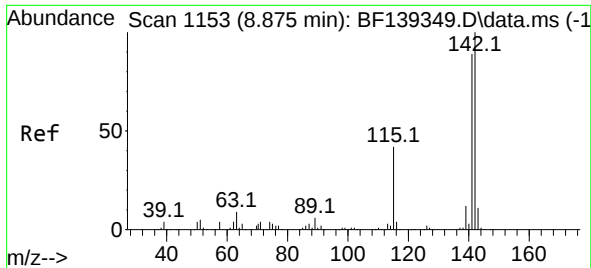
Ion Ratio Lower Upper

107 100

144 23.7 17.5 26.3

142 72.2 55.8 83.8





#37

2-Methylnaphthalene

Concen: 20.444 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

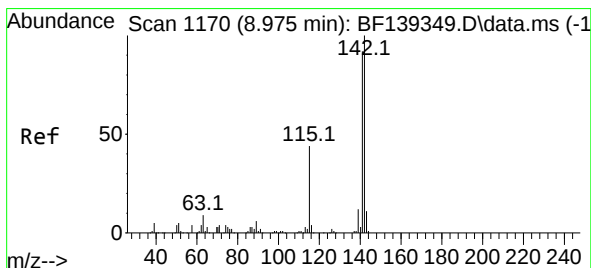
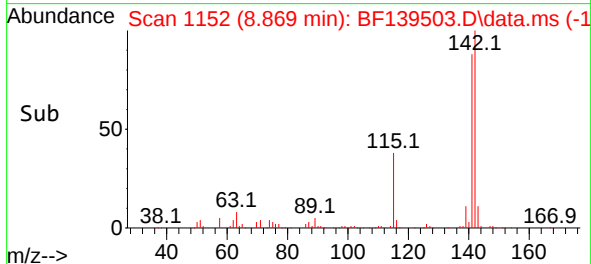
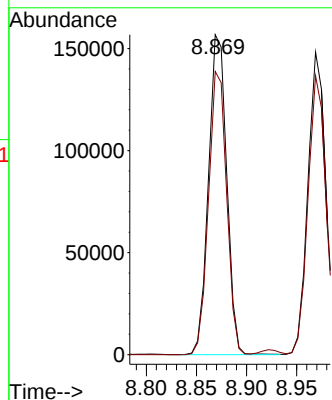
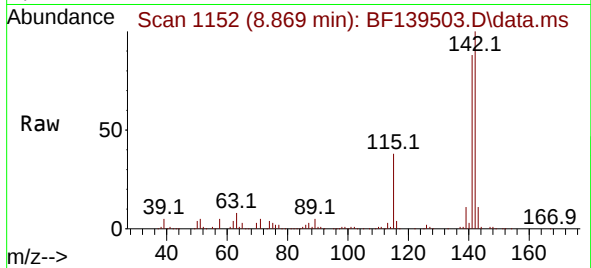
NB-08-09192024MSD

Tgt Ion:142 Resp: 198859

Ion Ratio Lower Upper

142 100

141 88.5 71.6 107.4



#38

1-Methylnaphthalene

Concen: 18.979 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139503.D

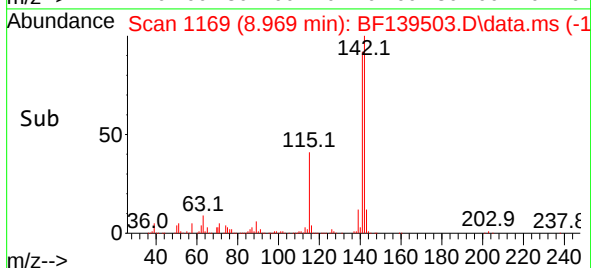
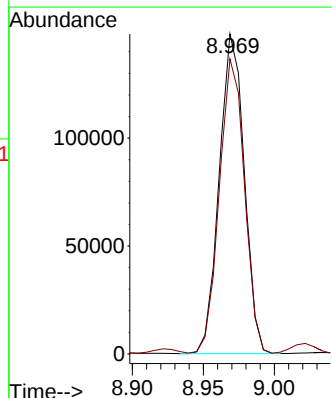
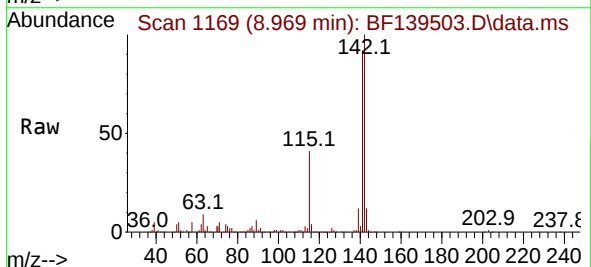
Acq: 20 Sep 2024 15:55

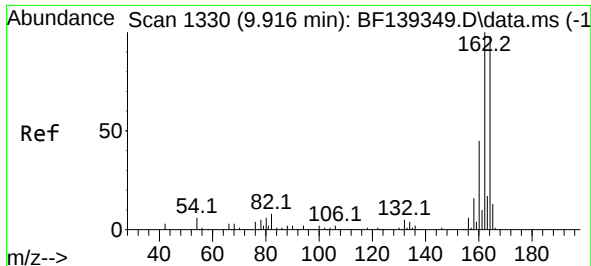
Tgt Ion:142 Resp: 181236

Ion Ratio Lower Upper

142 100

141 92.2 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139503.D

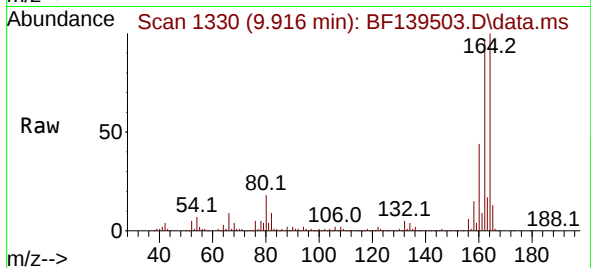
Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD



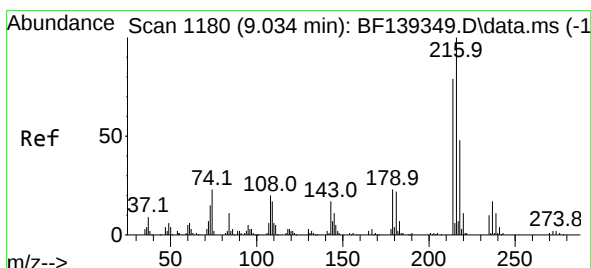
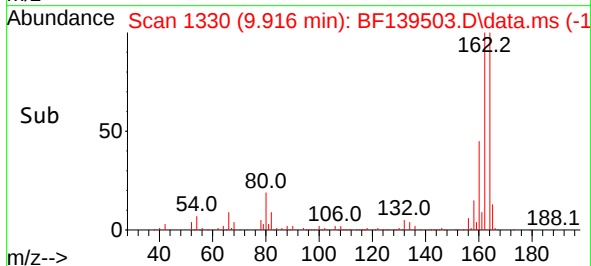
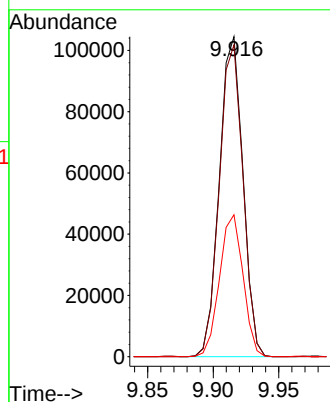
Tgt Ion:164 Resp: 130592

Ion Ratio Lower Upper

164 100

162 97.5 81.3 121.9

160 44.3 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 23.081 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:216 Resp: 89330

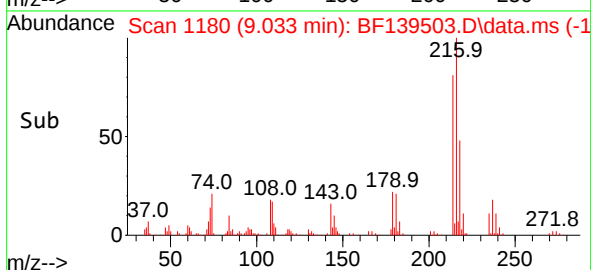
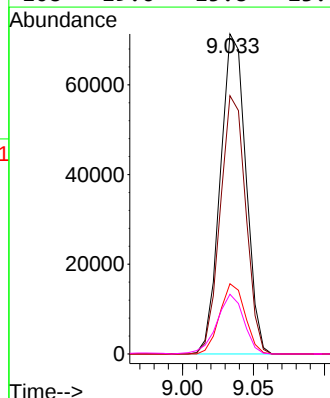
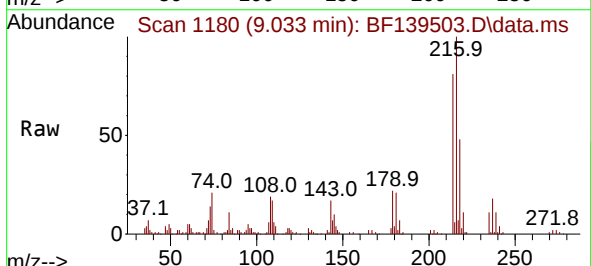
Ion Ratio Lower Upper

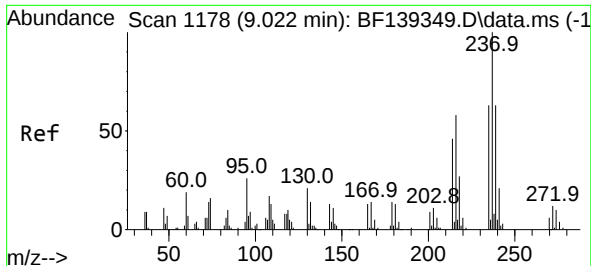
216 100

214 80.2 63.4 95.0

179 21.7 18.2 27.2

108 19.6 15.8 23.6

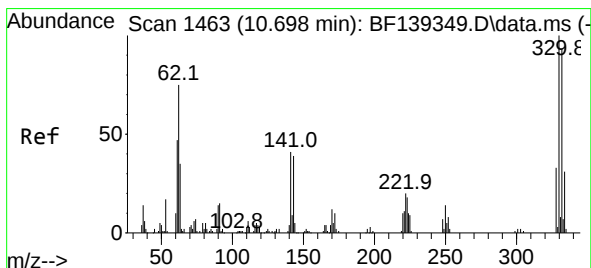
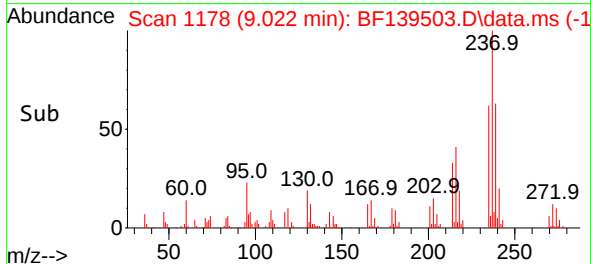
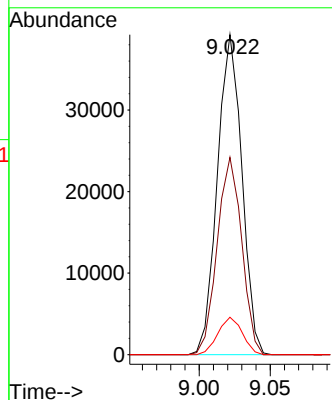
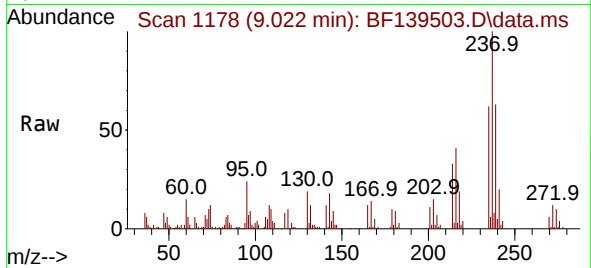




#41
Hexachlorocyclopentadiene
Concen: 34.857 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

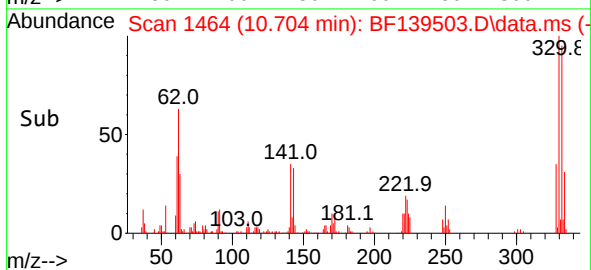
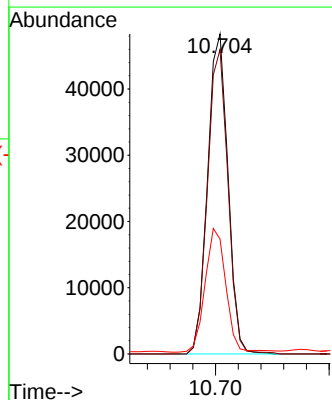
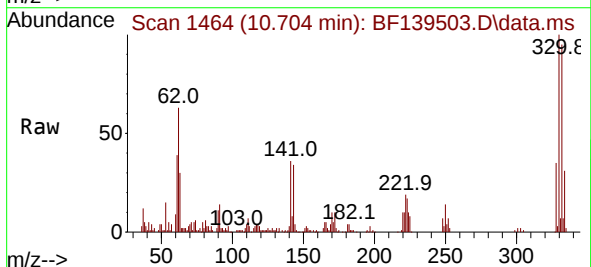
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

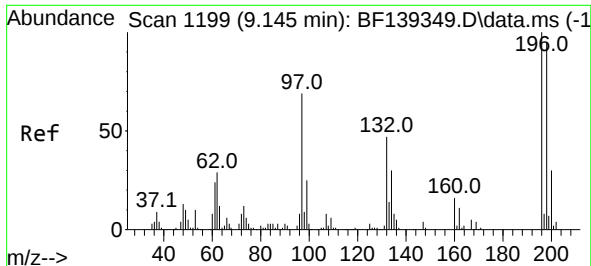
Tgt Ion:	237	Resp:	47105
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.7	82.7
272	11.7	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 43.149 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:	330	Resp:	59991
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.2	112.8
141	39.6	31.2	46.8





#43

2,4,6-Trichlorophenol

Concen: 22.084 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

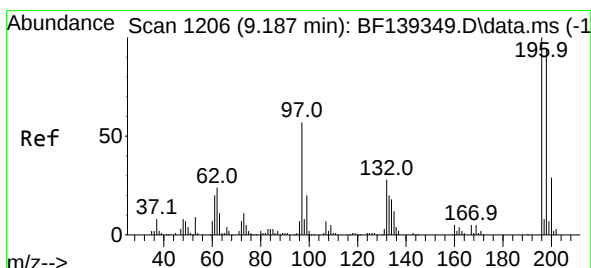
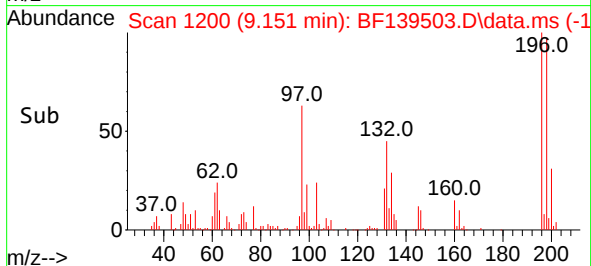
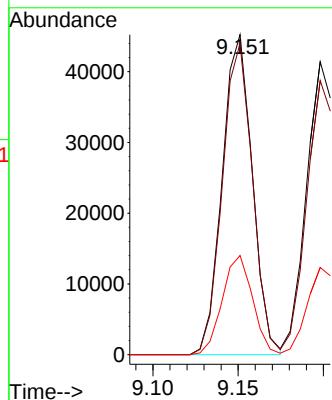
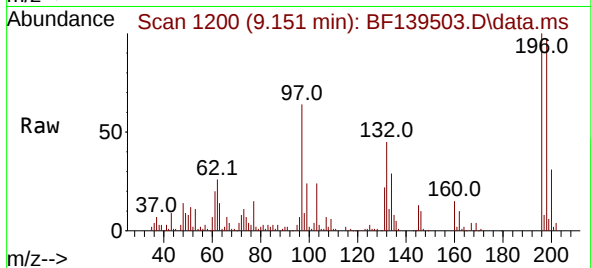
Tgt Ion:196 Resp: 55609

Ion Ratio Lower Upper

196 100

198 97.2 75.8 113.6

200 31.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 21.437 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Tgt Ion:196 Resp: 56939

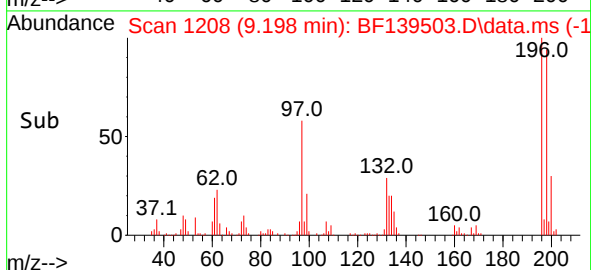
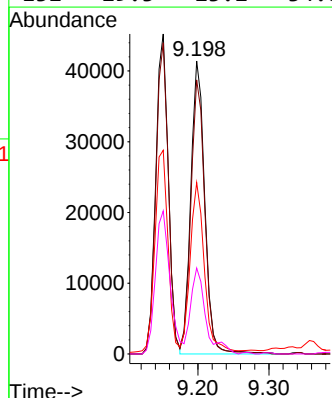
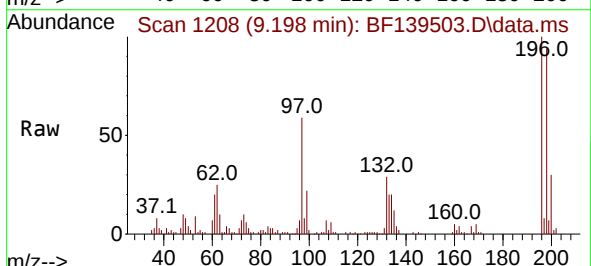
Ion Ratio Lower Upper

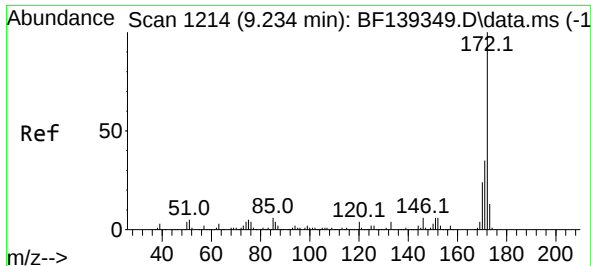
196 100

198 93.5 74.8 112.2

97 58.5 47.3 70.9

132 29.3 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 38.486 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

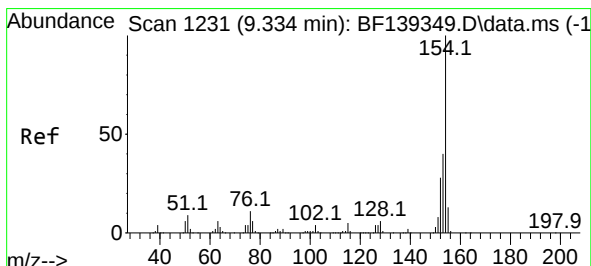
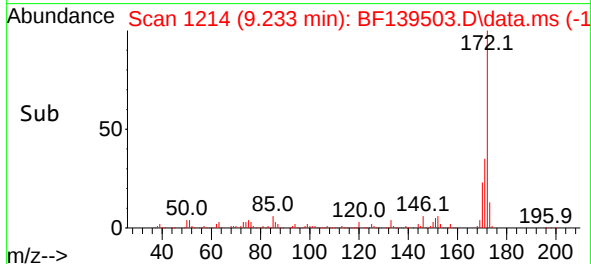
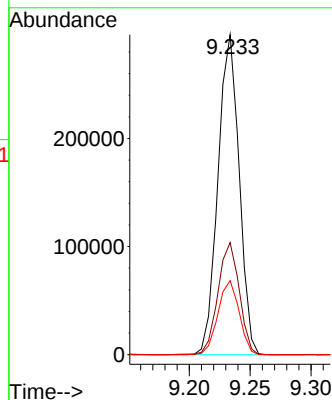
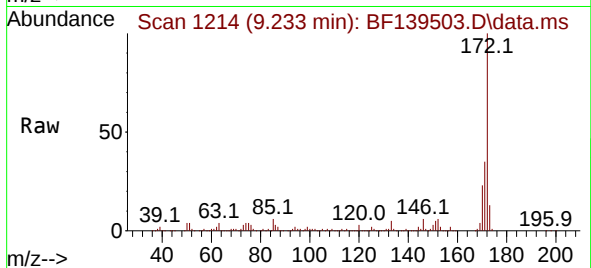
Tgt Ion:172 Resp: 358352

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 22.771 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

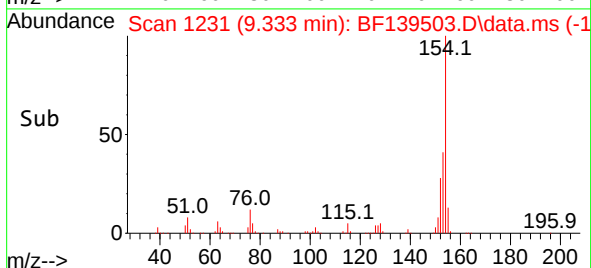
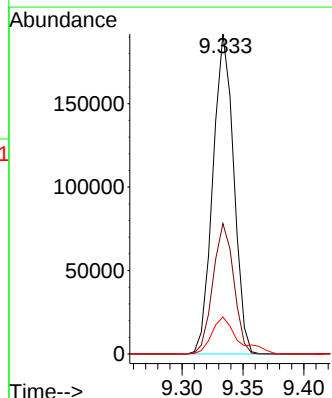
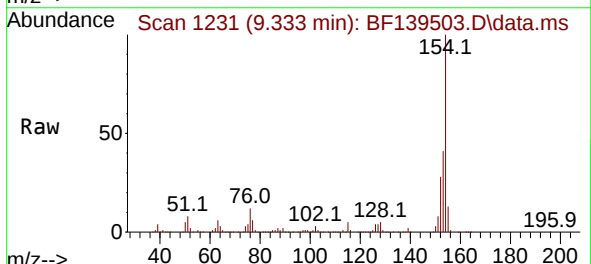
Tgt Ion:154 Resp: 228780

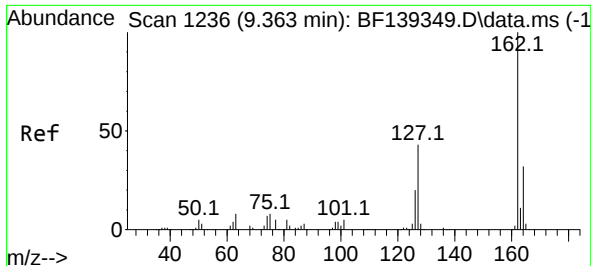
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 22.231 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

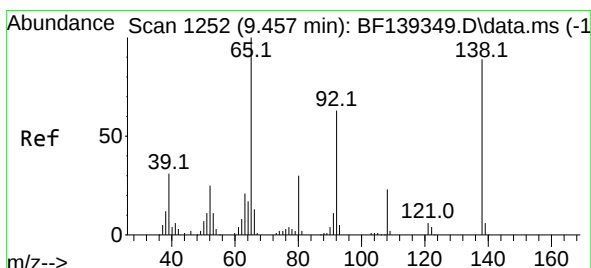
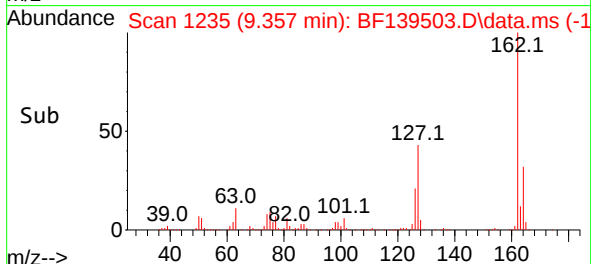
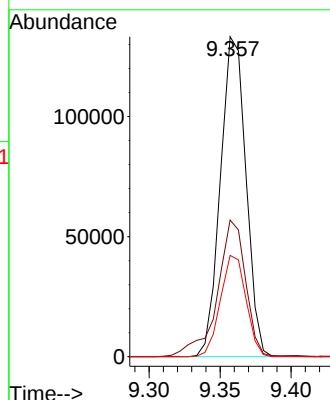
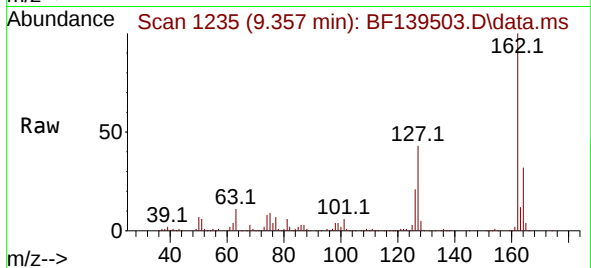
Tgt Ion:162 Resp: 167000

Ion Ratio Lower Upper

162 100

127 42.7 35.0 52.4

164 31.6 25.8 38.6



#48

2-Nitroaniline

Concen: 22.354 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

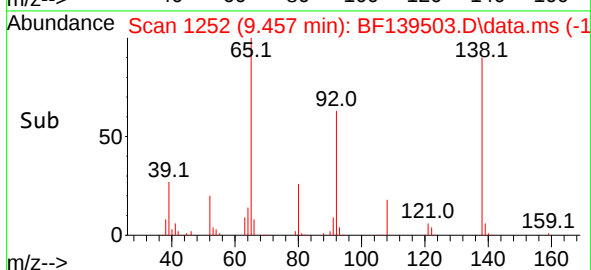
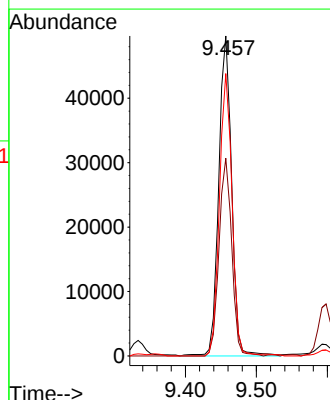
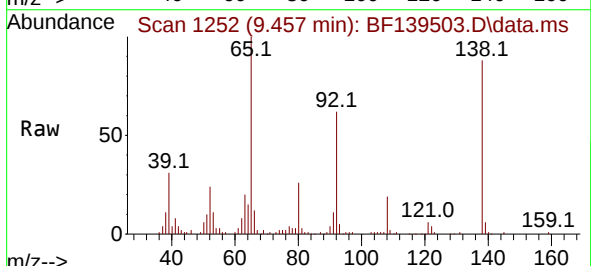
Tgt Ion: 65 Resp: 62458

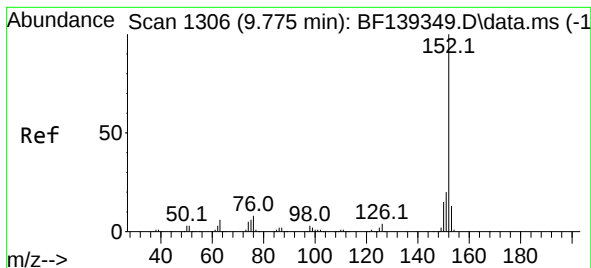
Ion Ratio Lower Upper

65 100

92 61.8 50.3 75.5

138 88.3 71.3 106.9





#49

Acenaphthylene

Concen: 23.097 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

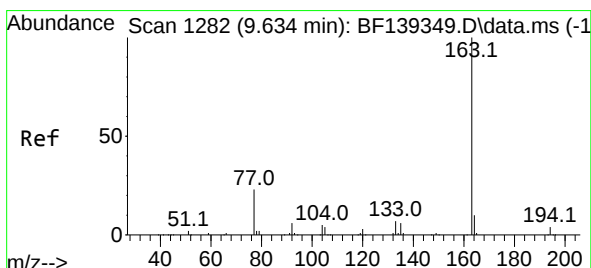
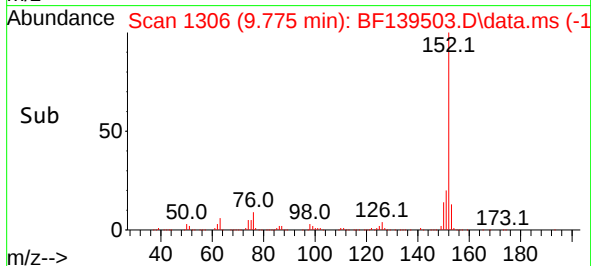
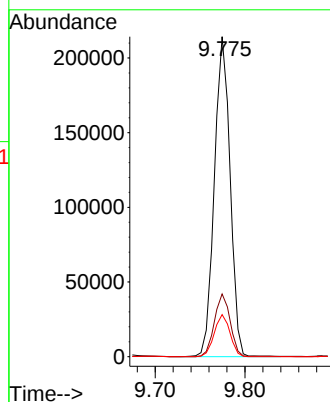
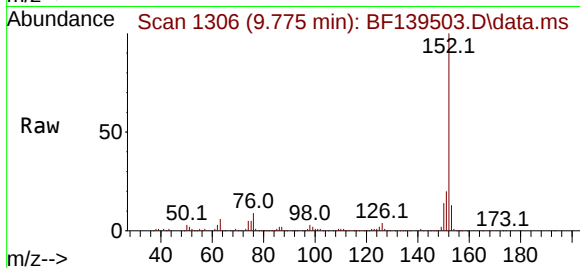
Tgt Ion:152 Resp: 261174

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 23.067 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

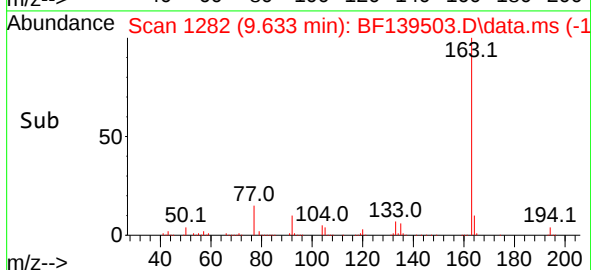
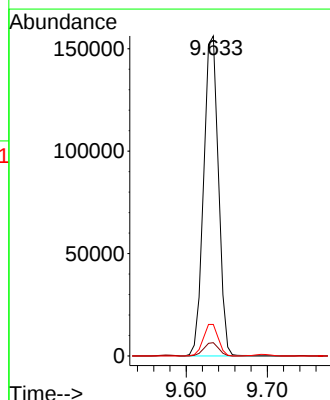
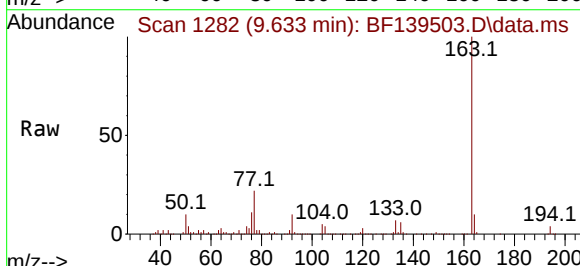
Tgt Ion:163 Resp: 197718

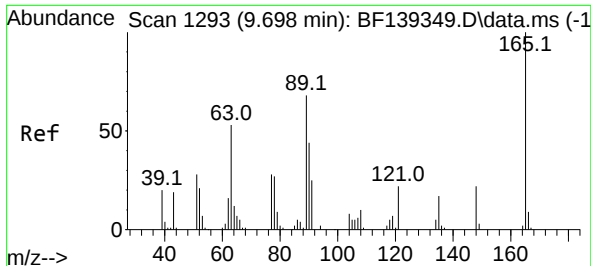
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 21.430 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139503.D

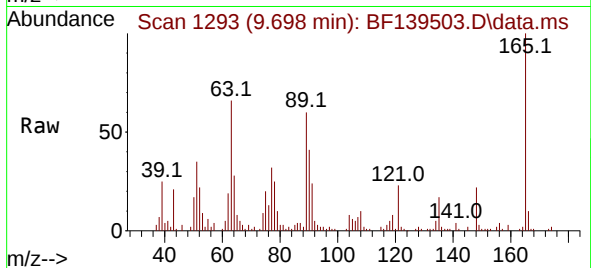
Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD



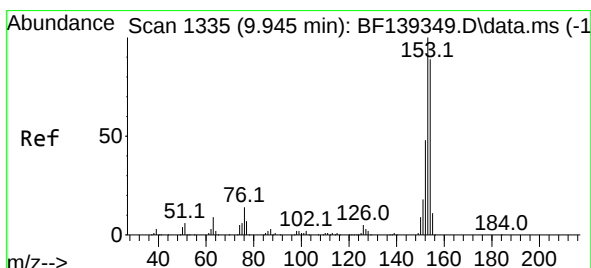
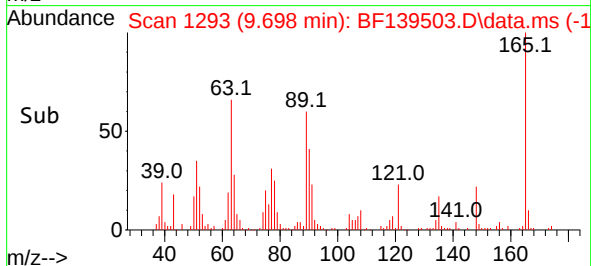
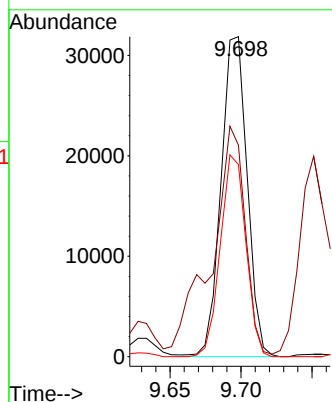
Tgt Ion:165 Resp: 40691

Ion Ratio Lower Upper

165 100

63 66.1 60.9 91.3

89 60.0 54.7 82.1



#52

Acenaphthene

Concen: 22.123 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

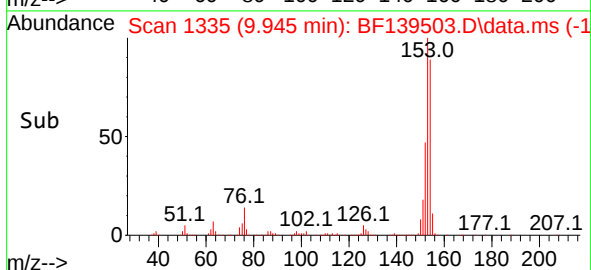
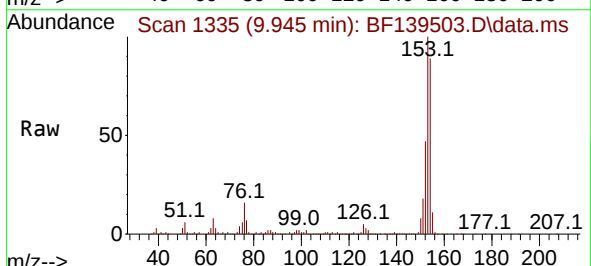
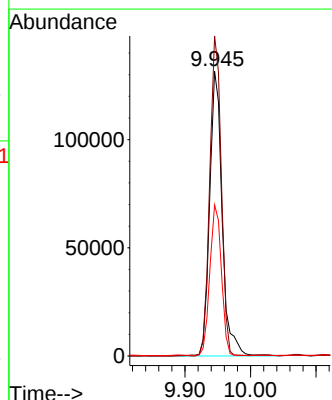
Tgt Ion:154 Resp: 174598

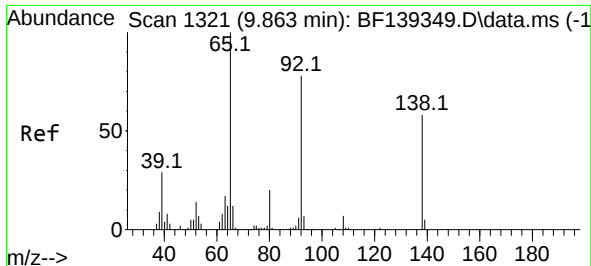
Ion Ratio Lower Upper

154 100

153 112.4 89.5 134.3

152 53.1 42.6 64.0

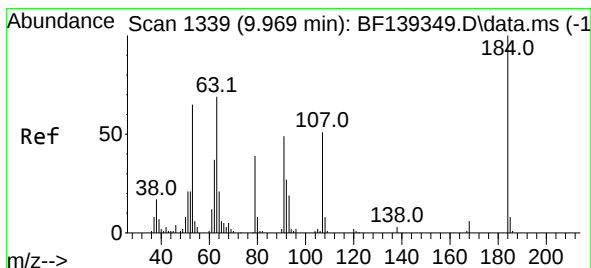
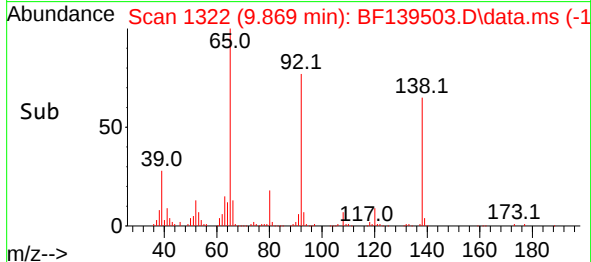
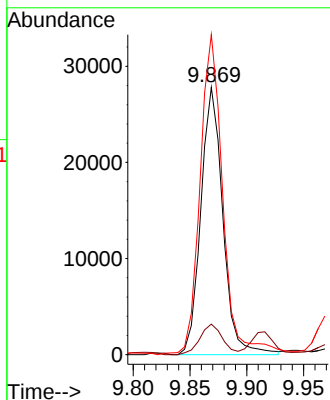
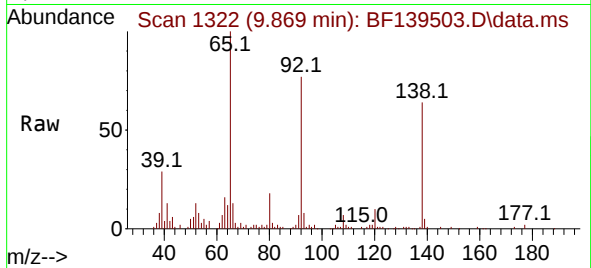




#53
3-Nitroaniline
Concen: 19.764 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

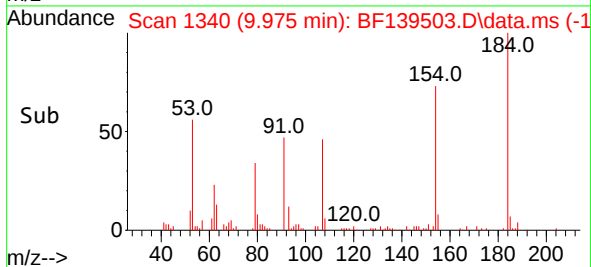
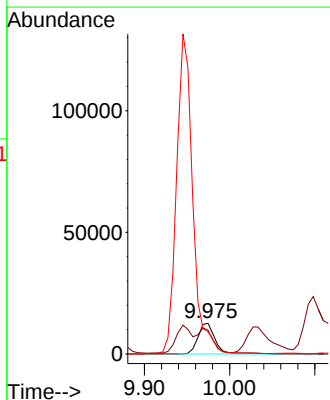
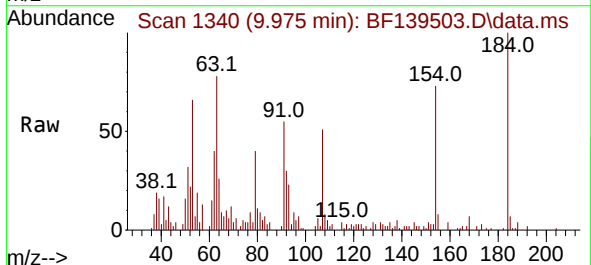
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

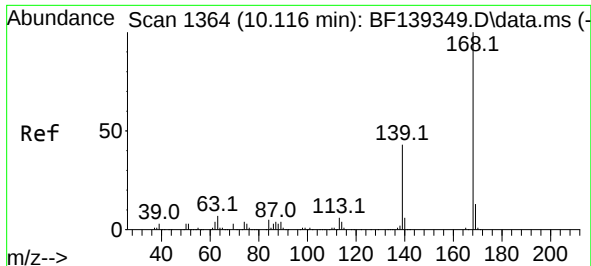
Tgt Ion:138 Resp: 37504
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.8
92 119.7 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 16.669 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:184 Resp: 17637
Ion Ratio Lower Upper
184 100
63 77.9 69.3 103.9
154 72.7 67.5 101.3

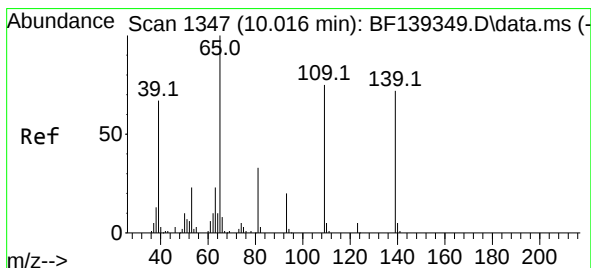
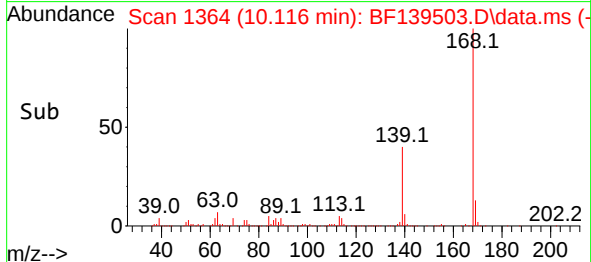
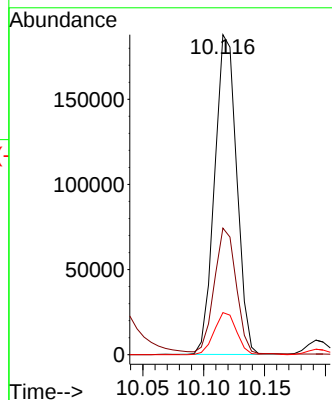
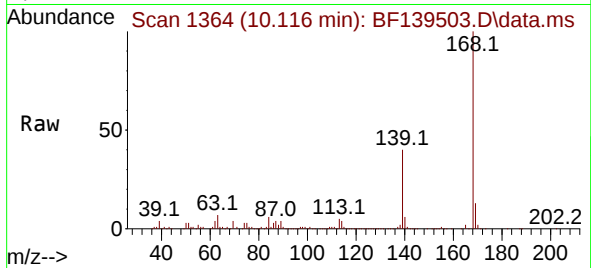




#55
Dibenzofuran
Concen: 21.551 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

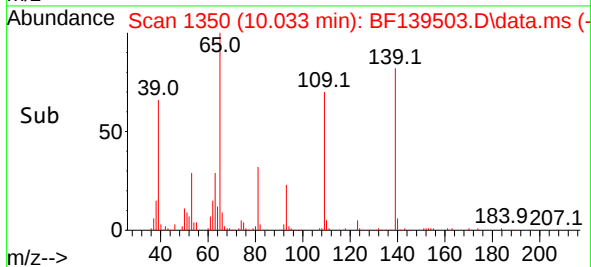
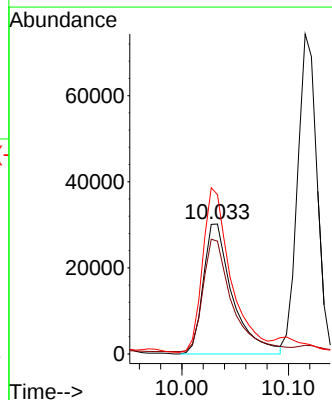
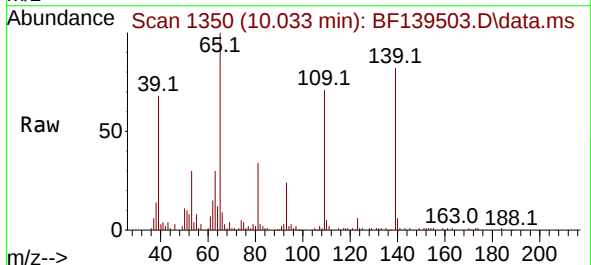
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

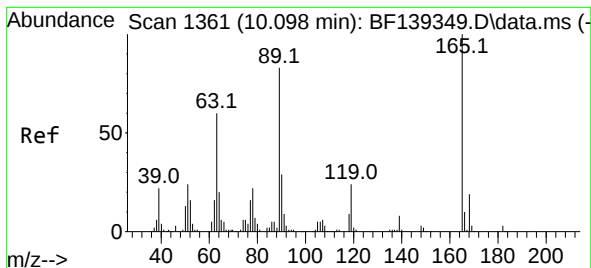
Tgt Ion:168 Resp: 237056
Ion Ratio Lower Upper
168 100
139 39.5 34.1 51.1
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 36.956 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:139 Resp: 58029
Ion Ratio Lower Upper
139 100
109 86.9 84.1 124.1
65 122.6 120.0 160.0

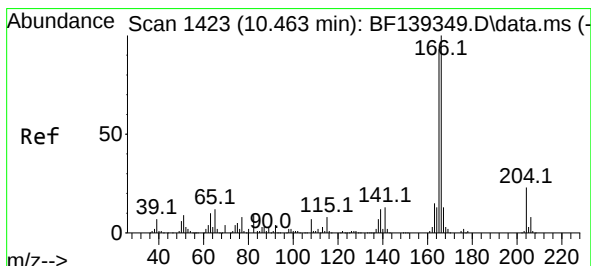
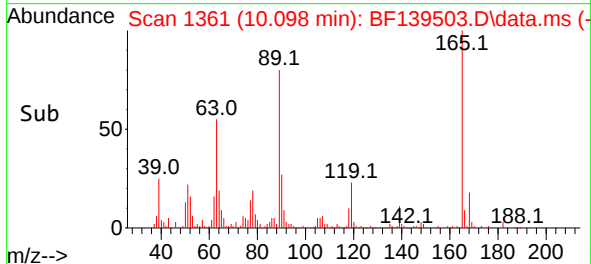
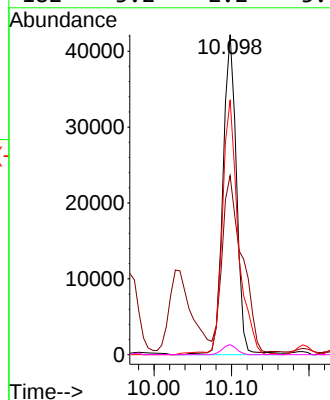
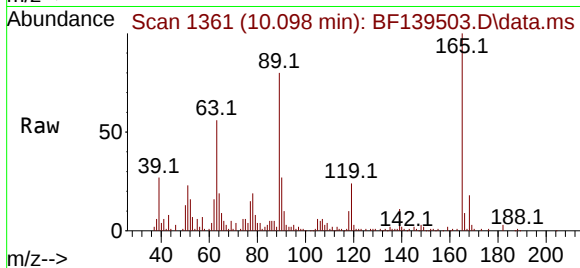




#57
2,4-Dinitrotoluene
Concen: 20.086 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

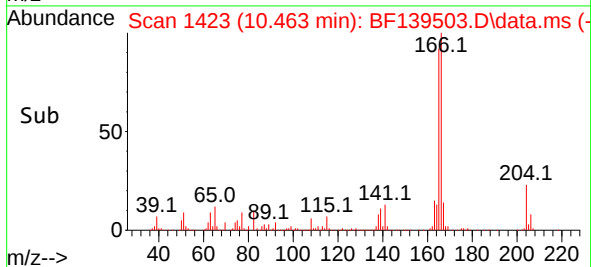
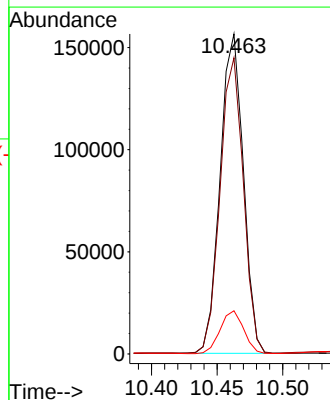
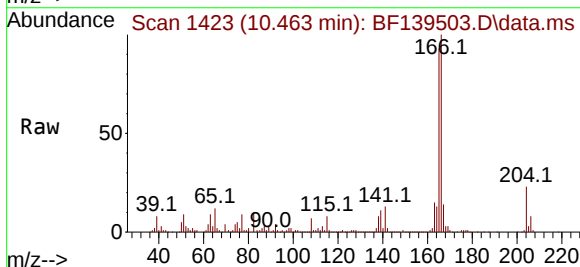
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

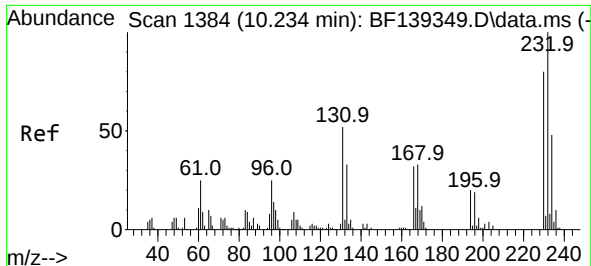
Tgt Ion:	165	Resp:	51492
Ion	Ratio	Lower	Upper
165	100		
63	55.9	47.8	71.6
89	79.6	66.7	100.1
182	3.2	2.2	3.4



#58
Fluorene
Concen: 21.436 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:	166	Resp:	192386
Ion	Ratio	Lower	Upper
166	100		
165	92.6	74.5	111.7
167	13.5	10.6	16.0

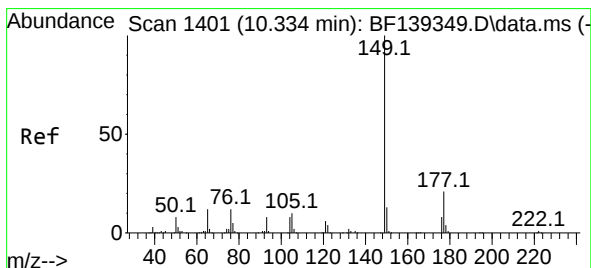
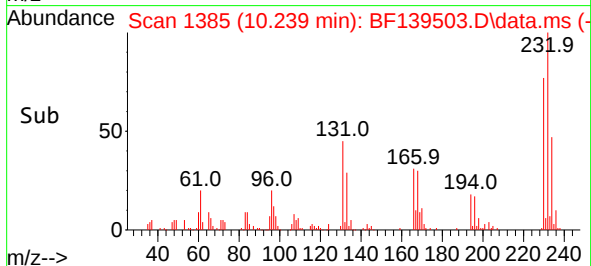
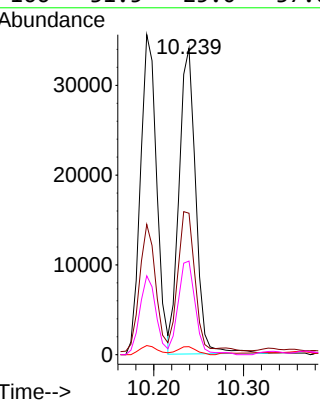
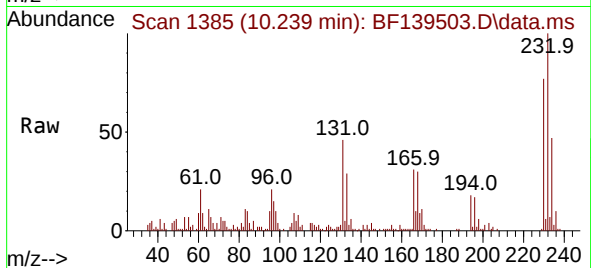




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.001 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

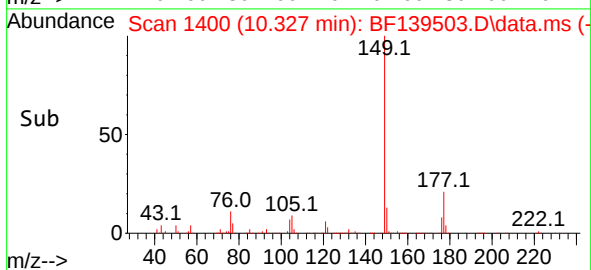
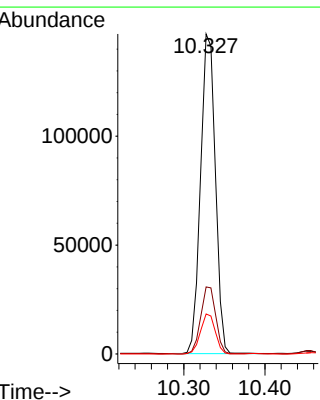
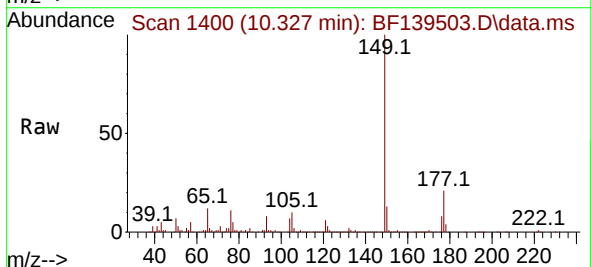
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

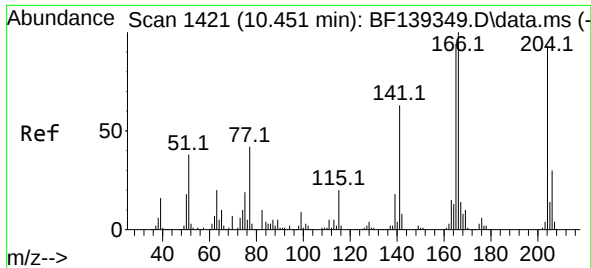
Tgt Ion:232 Resp: 43945
Ion Ratio Lower Upper
232 100
131 44.3 40.7 61.1
130 3.0 2.2 3.2
166 31.5 25.0 37.6



#60
Diethylphthalate
Concen: 20.979 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:149 Resp: 185567
Ion Ratio Lower Upper
149 100
177 20.9 16.6 24.8
150 12.5 10.6 15.8

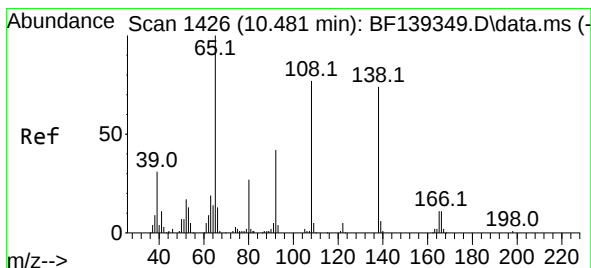
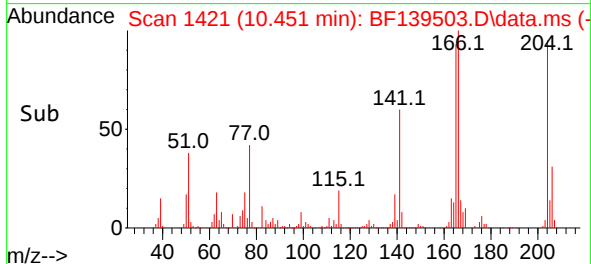
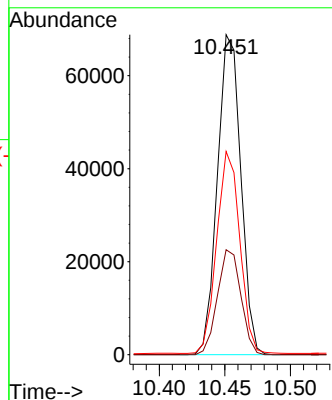
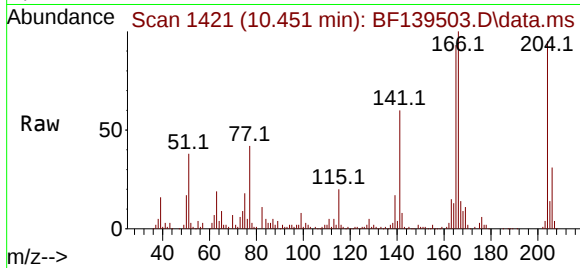




#61
4-Chlorophenyl-phenylether
Concen: 19.572 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

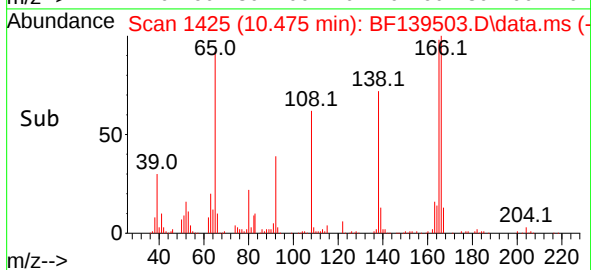
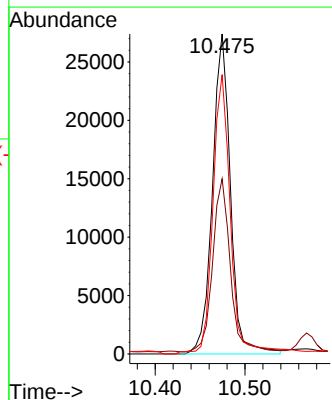
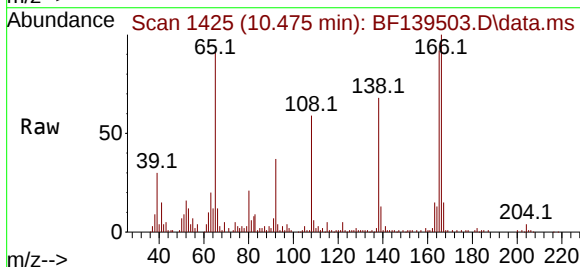
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

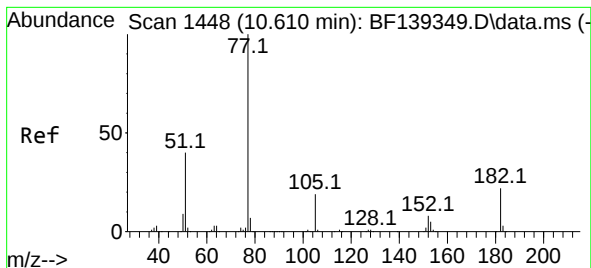
Tgt Ion:204 Resp: 85370
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 63.5 53.9 80.9



#62
4-Nitroaniline
Concen: 18.422 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:138 Resp: 38154
Ion Ratio Lower Upper
138 100
92 54.8 37.0 77.0
108 87.3 84.4 124.4





#63

Azobenzene

Concen: 22.701 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139503.D

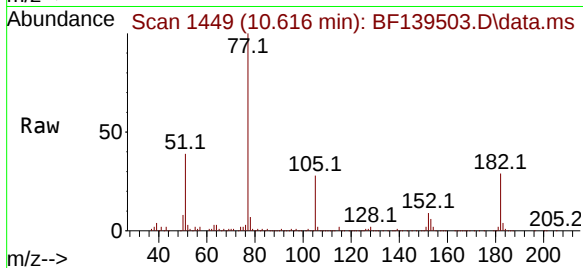
Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD



Tgt Ion: 77 Resp: 197494

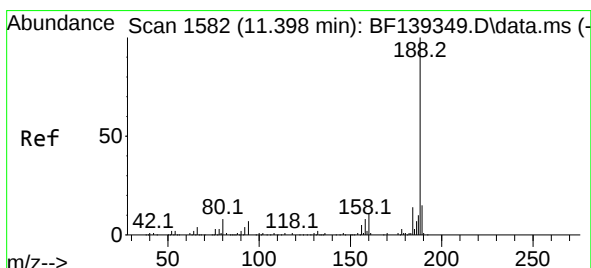
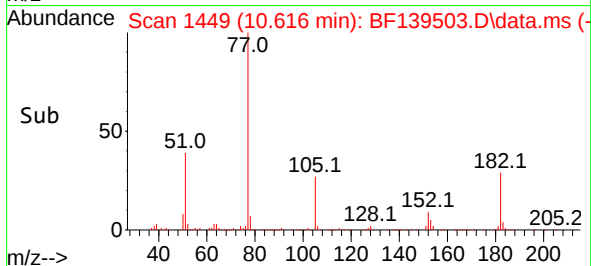
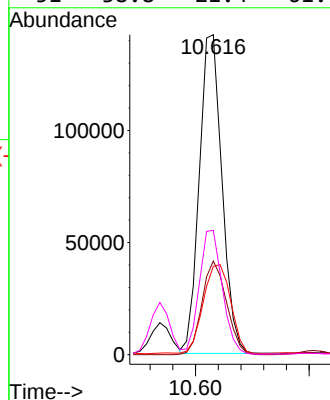
Ion Ratio Lower Upper

77 100

182 29.3 1.8 41.8

105 27.6 0.0 38.6

51 38.8 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

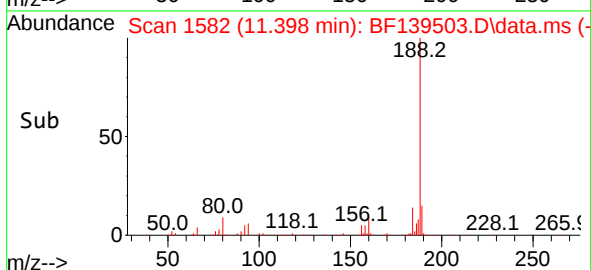
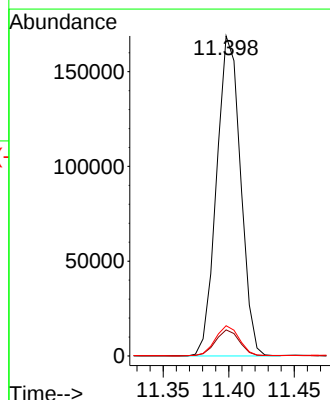
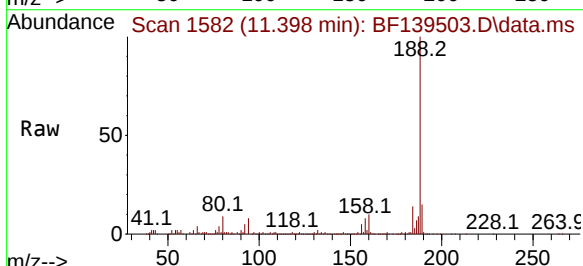
Tgt Ion:188 Resp: 214580

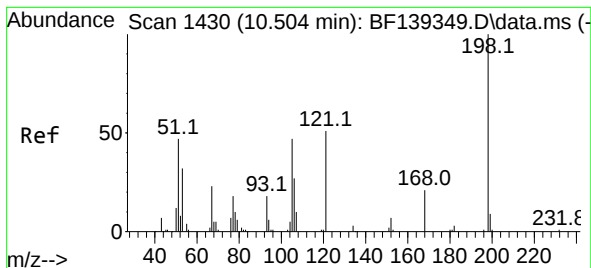
Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 9.5 6.6 9.8

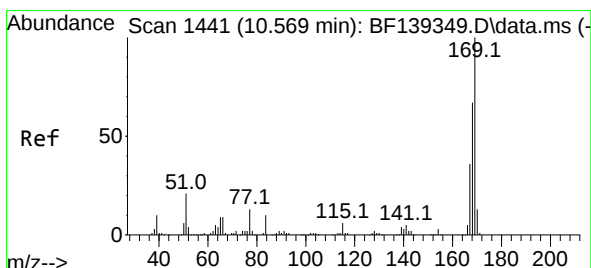
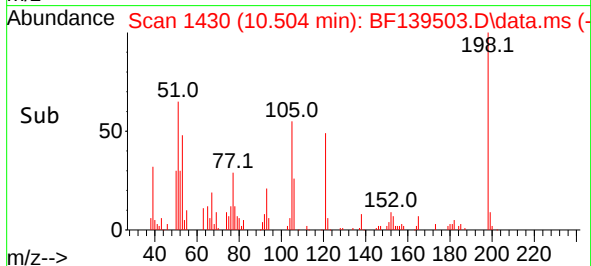
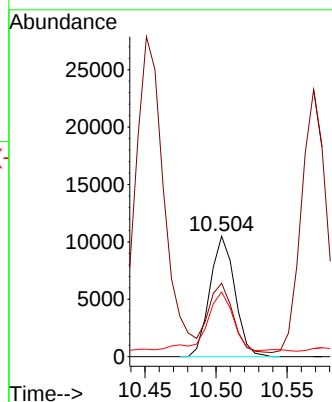
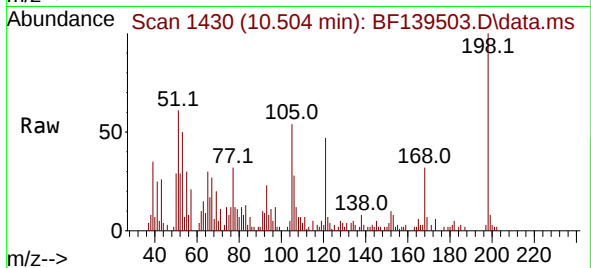




#65
4,6-Dinitro-2-methylphenol
Concen: 11.276 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

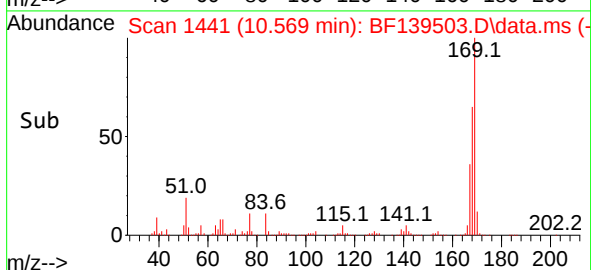
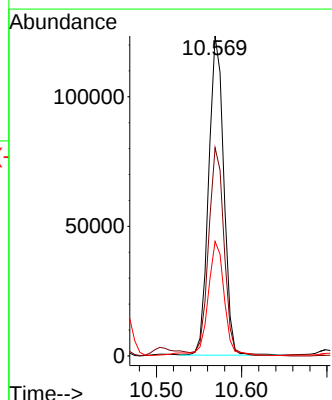
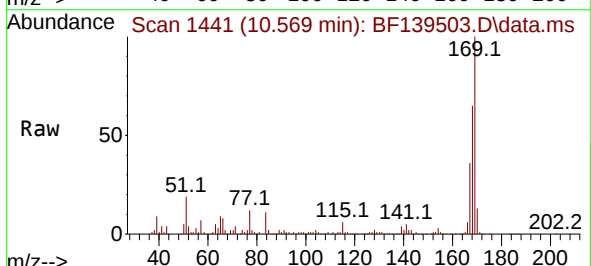
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

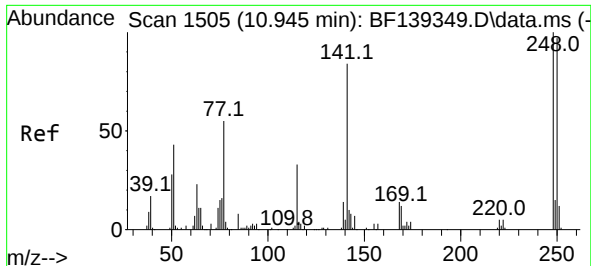
Tgt Ion:198 Resp: 12770
Ion Ratio Lower Upper
198 100
51 60.9 50.4 90.4
105 53.6 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 24.175 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:169 Resp: 151663
Ion Ratio Lower Upper
169 100
168 65.1 53.6 80.4
167 35.8 28.7 43.1

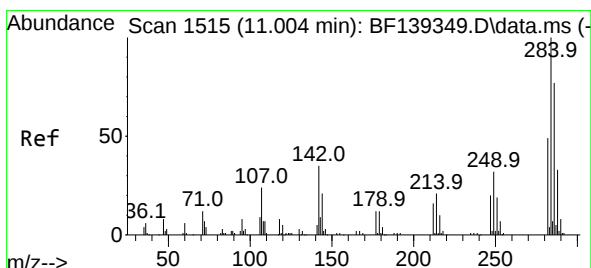
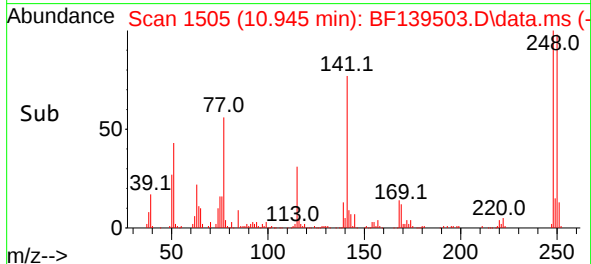
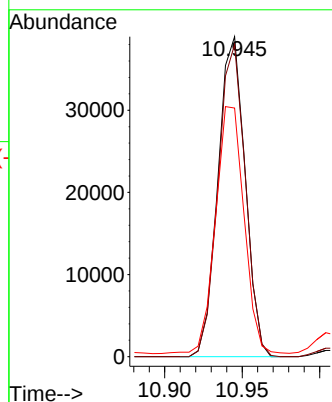
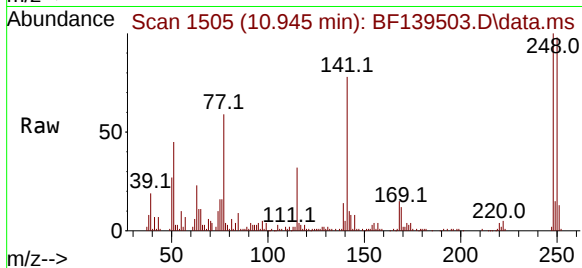




#67
4-Bromophenyl-phenylether
Concen: 22.337 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

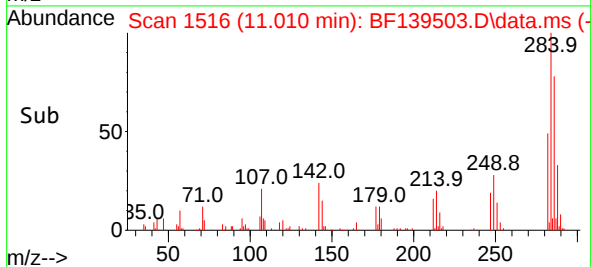
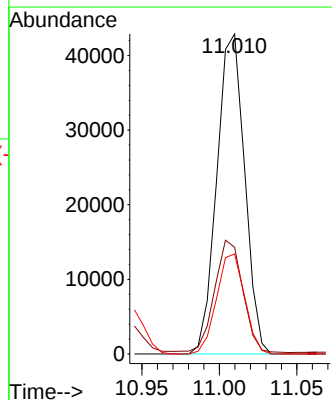
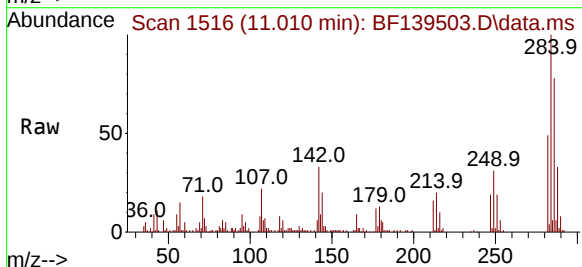
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

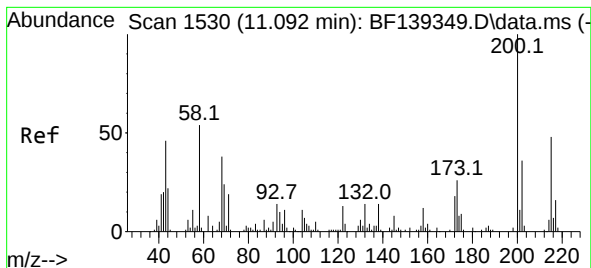
Tgt Ion:248 Resp: 47497
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 77.7 66.9 100.3



#68
Hexachlorobenzene
Concen: 21.478 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:284 Resp: 53602
Ion Ratio Lower Upper
284 100
142 33.3 28.0 42.0
249 31.3 25.3 37.9





#69

Atrazine

Concen: 28.414 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

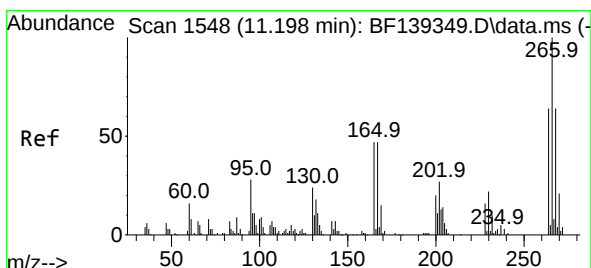
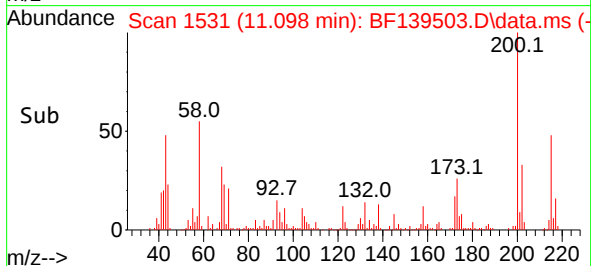
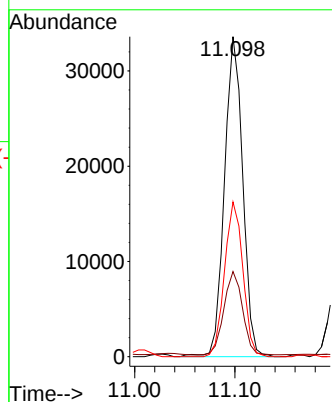
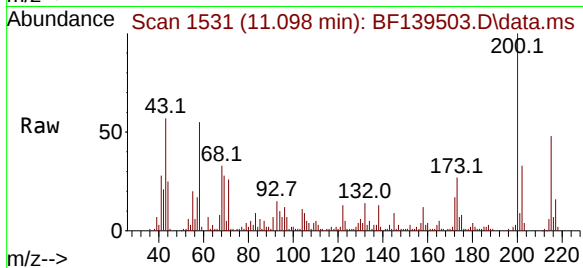
Tgt Ion:200 Resp: 42438

Ion Ratio Lower Upper

200 100

173 26.6 6.1 46.1

215 48.4 28.2 68.2



#70

Pentachlorophenol

Concen: 40.072 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

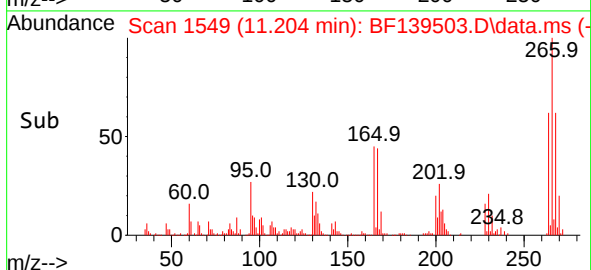
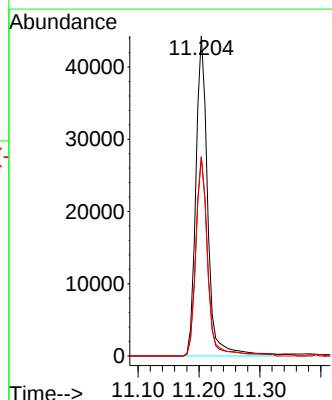
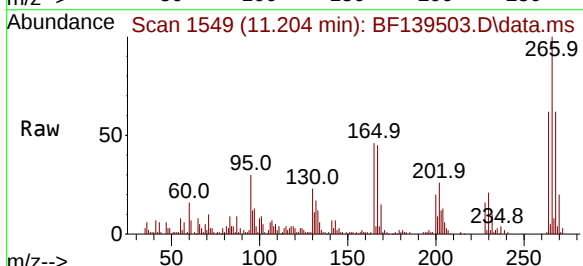
Tgt Ion:266 Resp: 60007

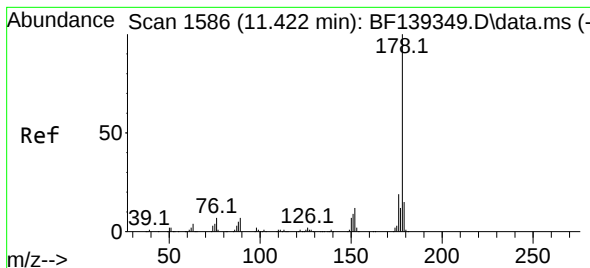
Ion Ratio Lower Upper

266 100

268 62.2 51.1 76.7

264 62.3 51.4 77.0





#71

Phenanthrene

Concen: 34.451 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

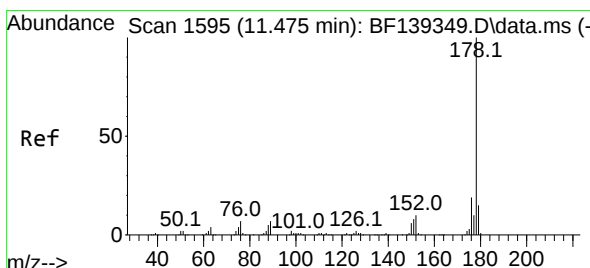
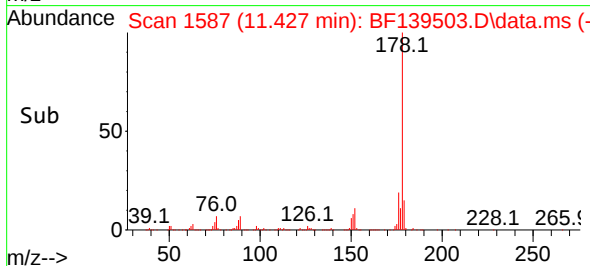
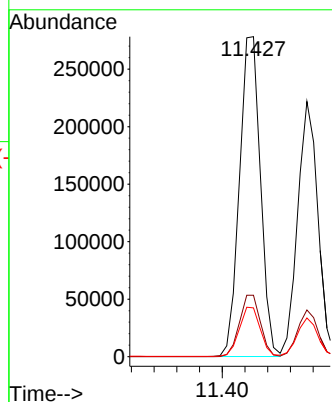
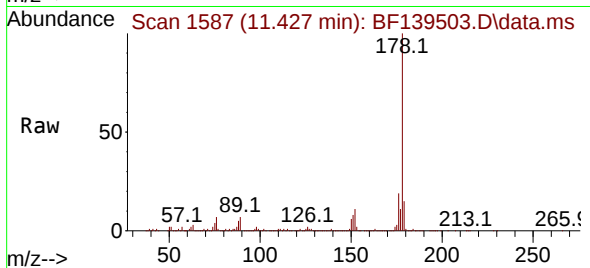
Tgt Ion:178 Resp: 356654

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.3 12.2 18.4



#72

Anthracene

Concen: 26.853 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

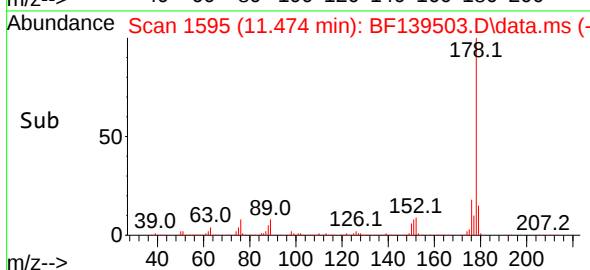
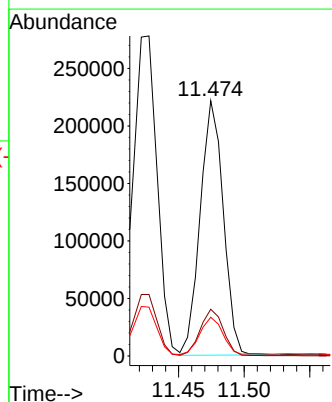
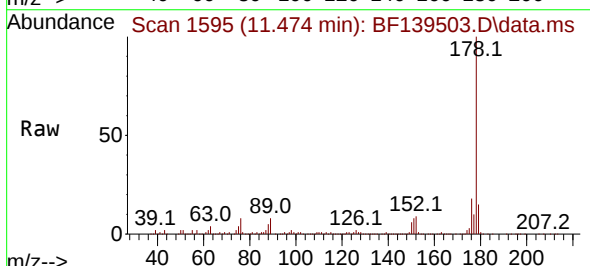
Tgt Ion:178 Resp: 271807

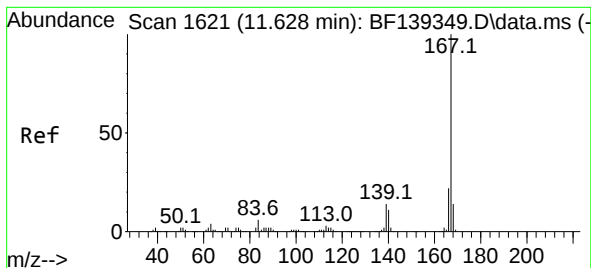
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

179 15.2 12.0 18.0





#73

Carbazole

Concen: 23.984 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

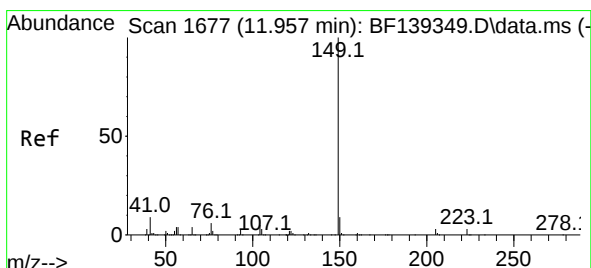
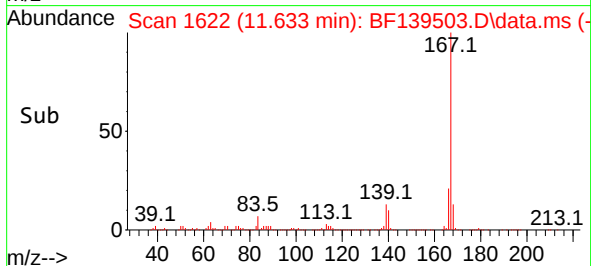
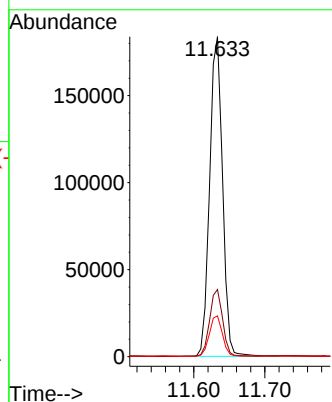
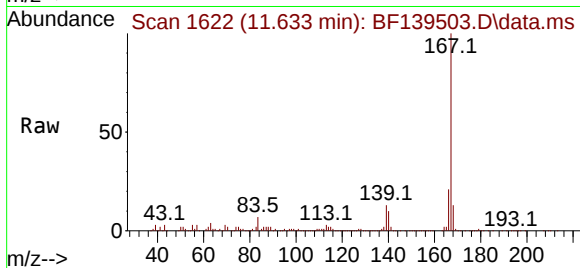
Tgt Ion:167 Resp: 232347

Ion Ratio Lower Upper

167 100

166 21.0 17.5 26.3

139 12.7 10.9 16.3



#74

Di-n-butylphthalate

Concen: 23.792 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

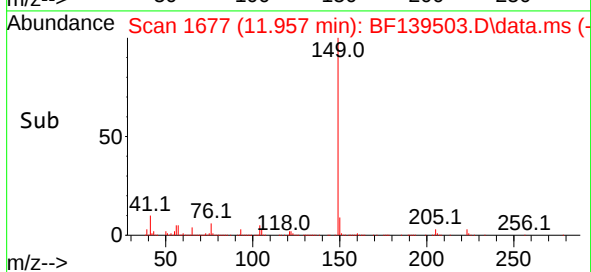
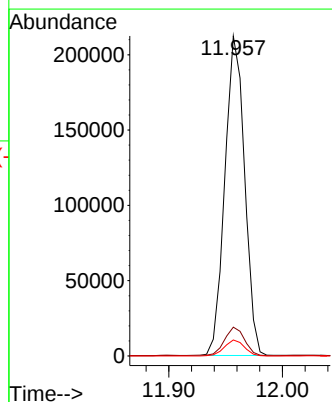
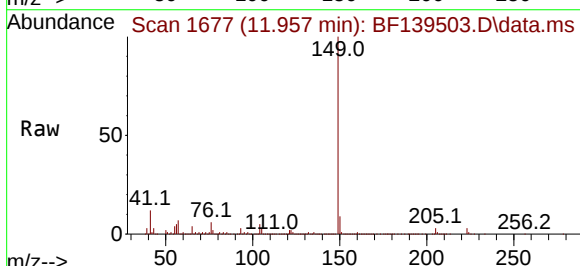
Tgt Ion:149 Resp: 256753

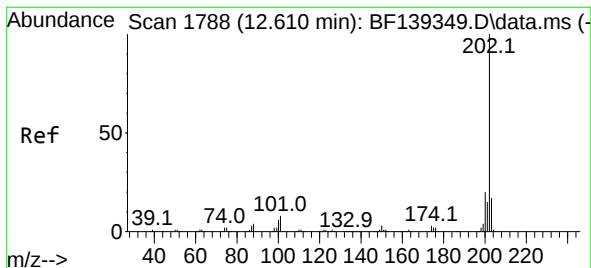
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 36.851 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

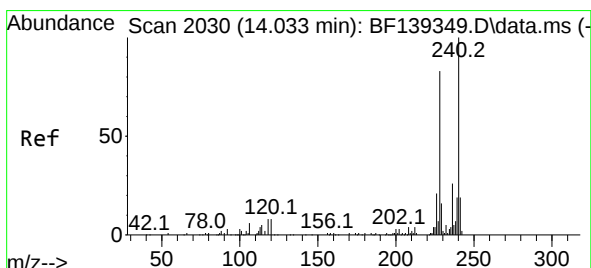
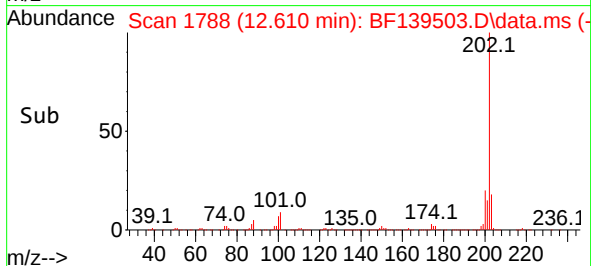
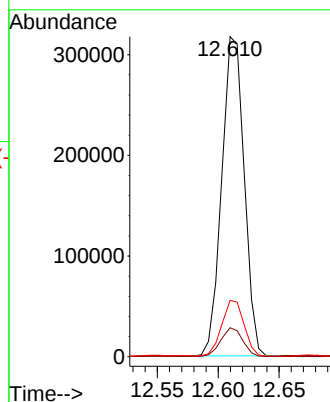
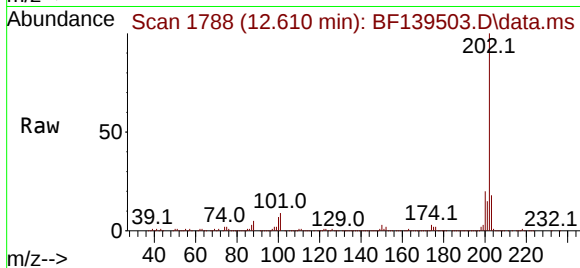
Tgt Ion:202 Resp: 407409

Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.7

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

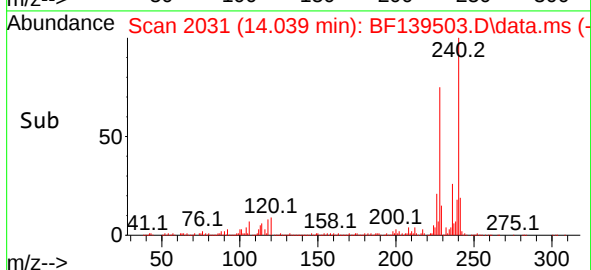
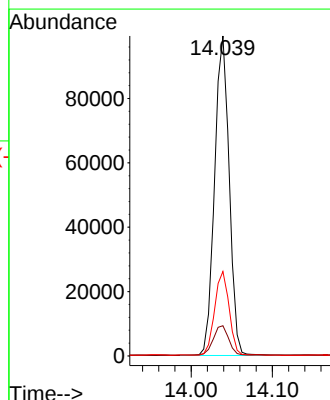
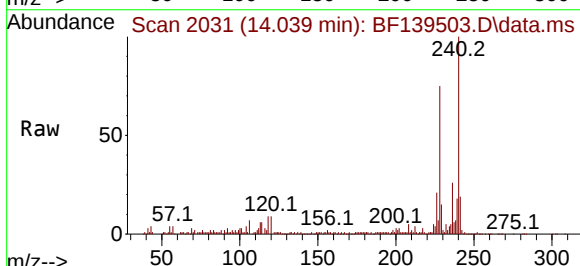
Tgt Ion:240 Resp: 124140

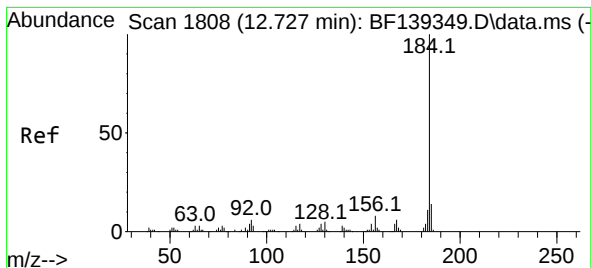
Ion Ratio Lower Upper

240 100

120 9.5 6.2 9.2#

236 26.4 20.9 31.3





#77

Benzidine

Concen: 18.783 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.017 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

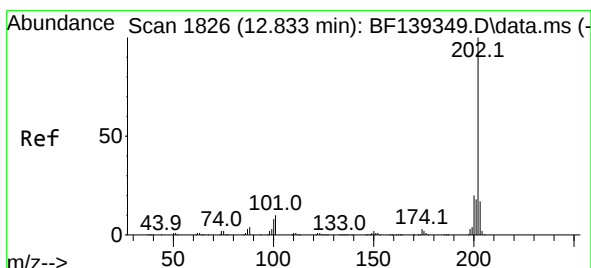
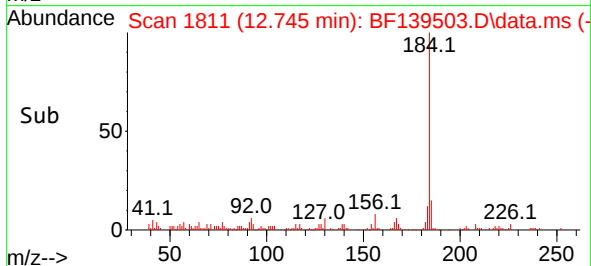
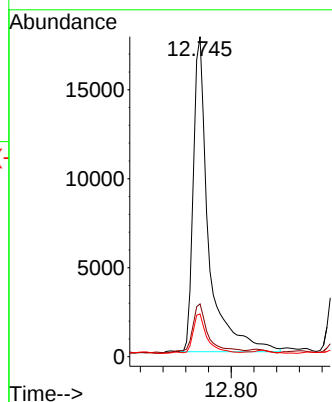
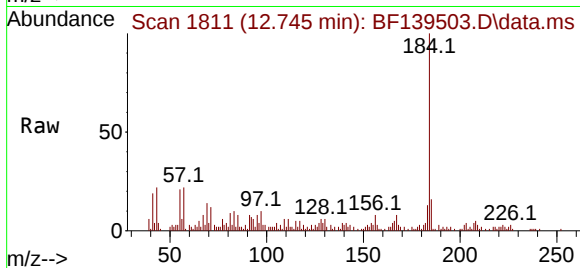
Tgt Ion:184 Resp: 33407

Ion Ratio Lower Upper

184 100

185 16.5 11.5 17.3

183 13.3 8.9 13.3#



#78

Pyrene

Concen: 39.268 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

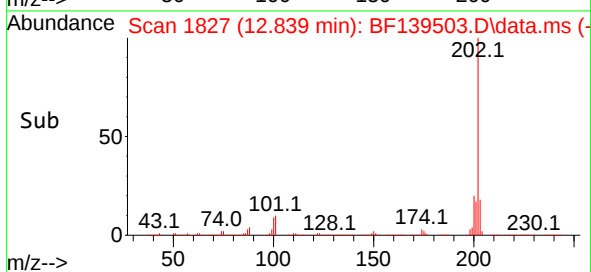
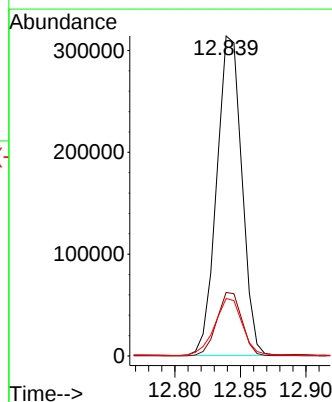
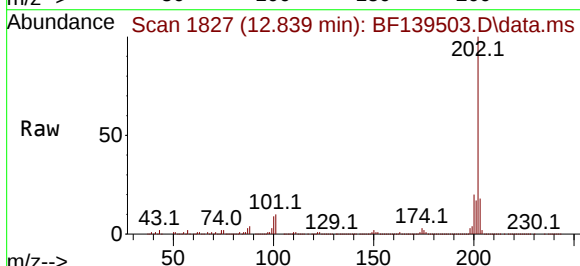
Tgt Ion:202 Resp: 418561

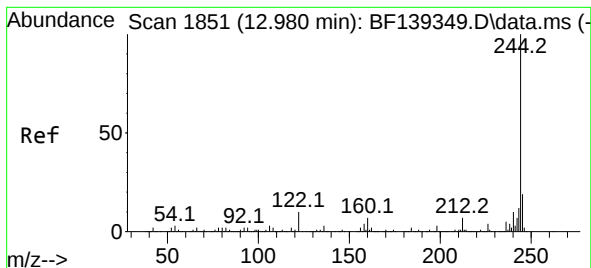
Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

203 18.0 13.9 20.9





#79

Terphenyl-d14

Concen: 40.992 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

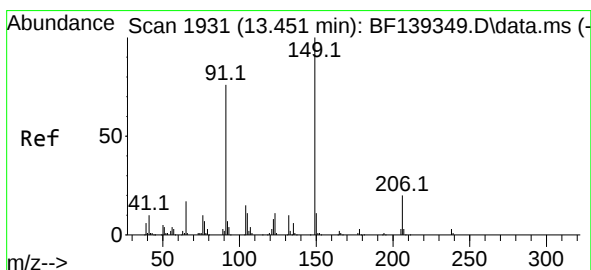
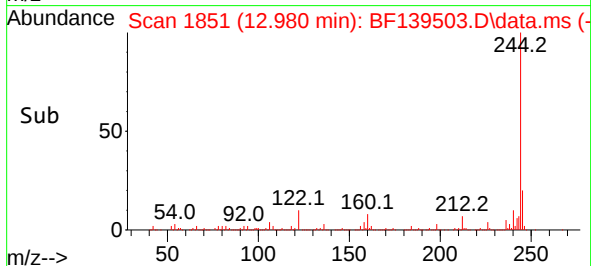
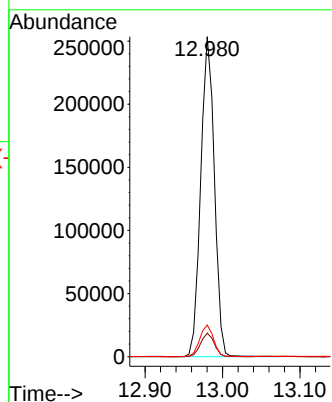
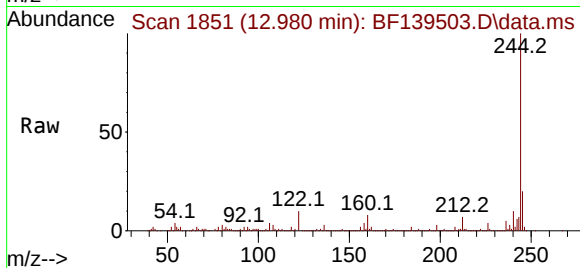
Tgt Ion:244 Resp: 310029

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.9 7.6 11.4



#80

Butylbenzylphthalate

Concen: 27.659 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

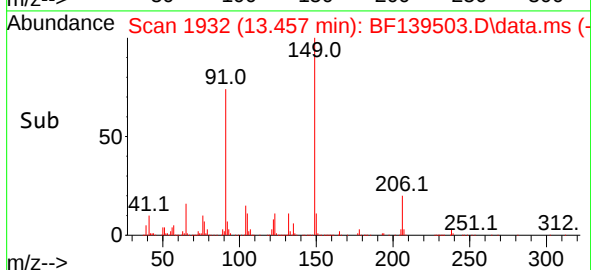
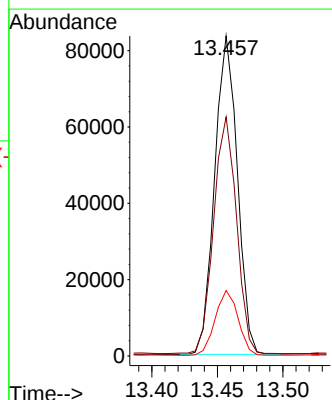
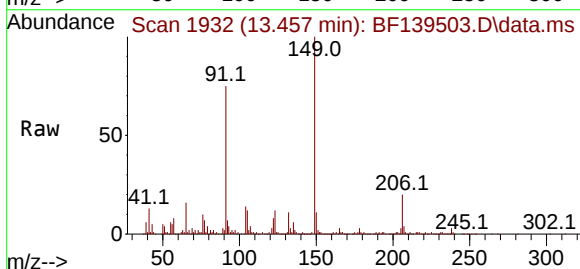
Tgt Ion:149 Resp: 100351

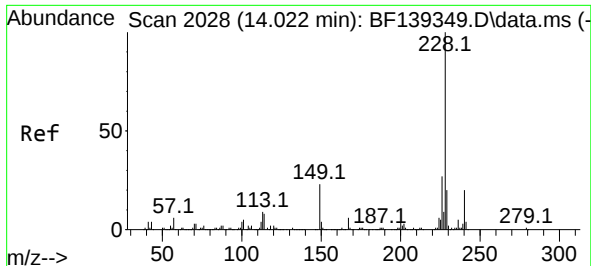
Ion Ratio Lower Upper

149 100

91 74.7 60.9 91.3

206 20.5 15.8 23.8

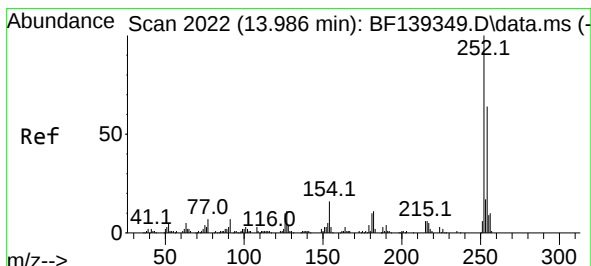
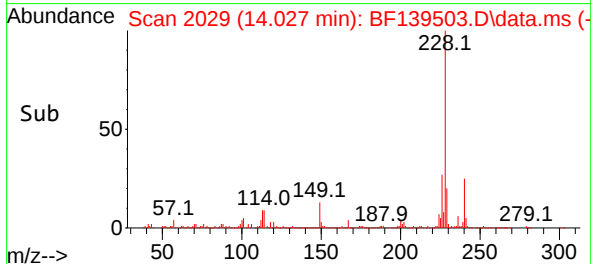
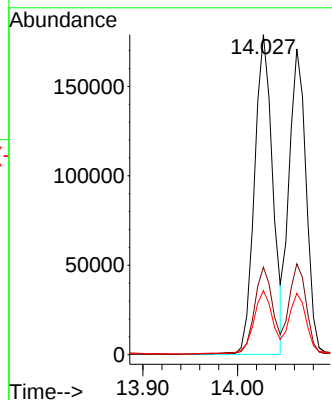
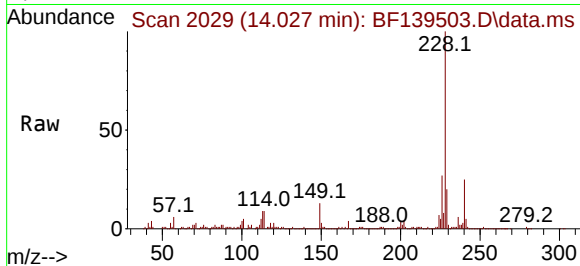




#81
Benzo(a)anthracene
Concen: 28.984 ng
RT: 14.027 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

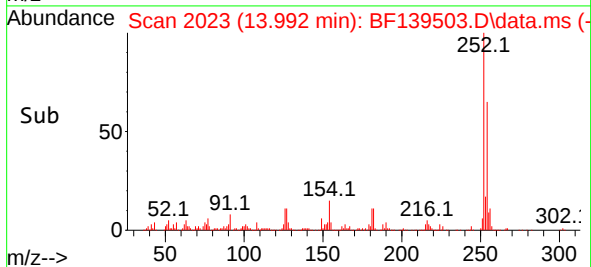
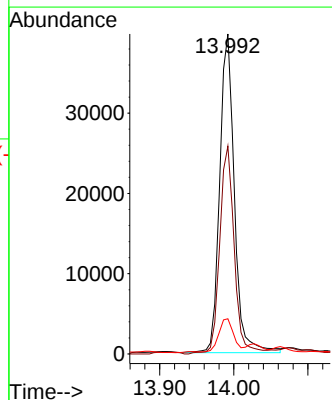
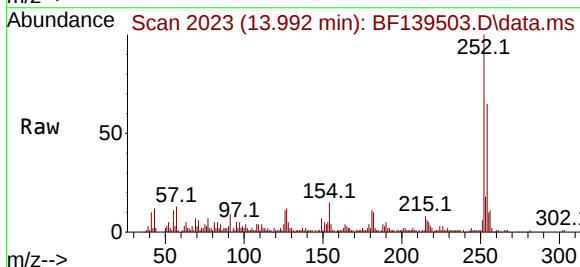
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

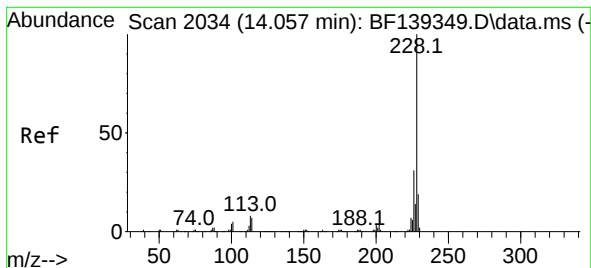
Tgt Ion:228 Resp: 238334
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 22.687 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:252 Resp: 54632
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 11.0 7.7 11.5





#83

Chrysene

Concen: 28.195 ng

RT: 14.063 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

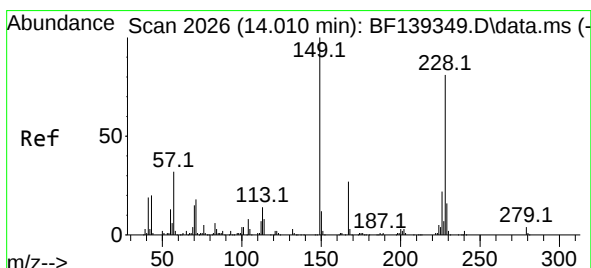
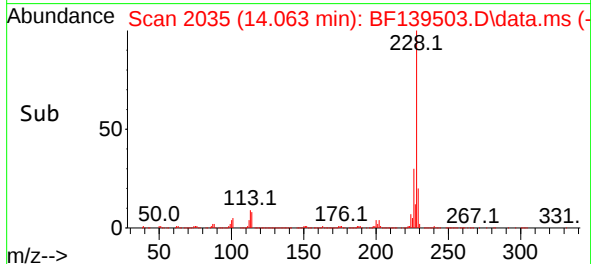
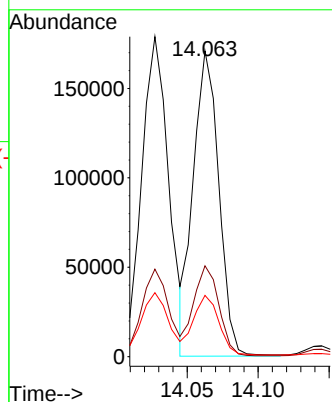
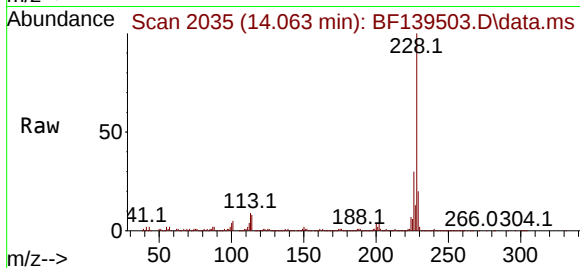
Tgt Ion:228 Resp: 213300

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 20.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.223 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

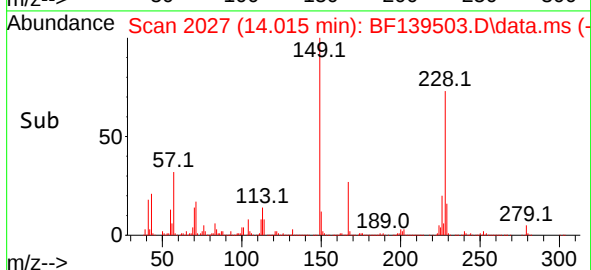
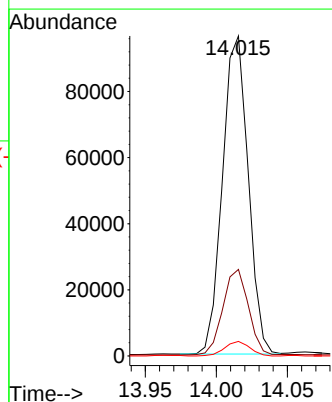
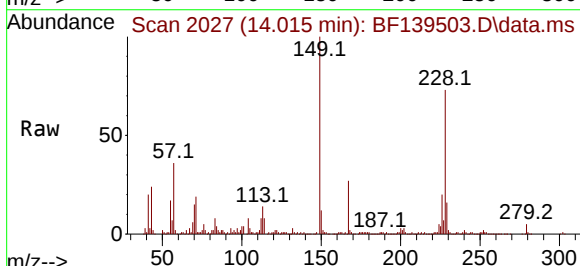
Tgt Ion:149 Resp: 121030

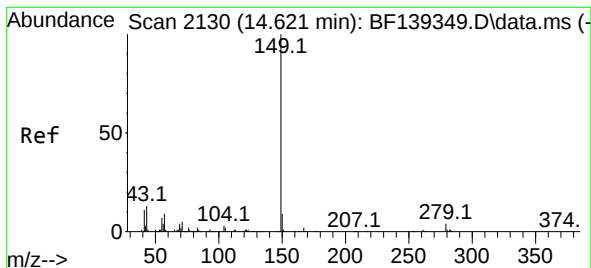
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 24.883 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

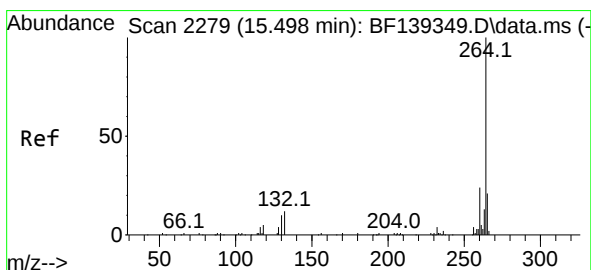
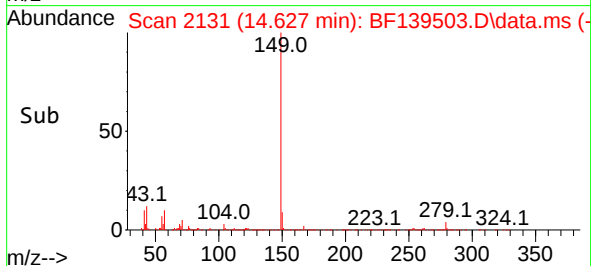
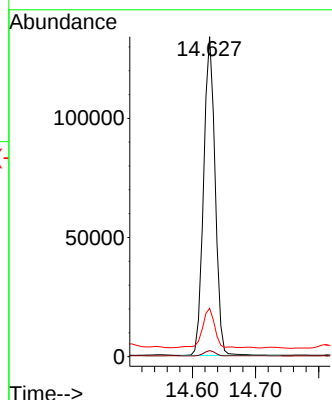
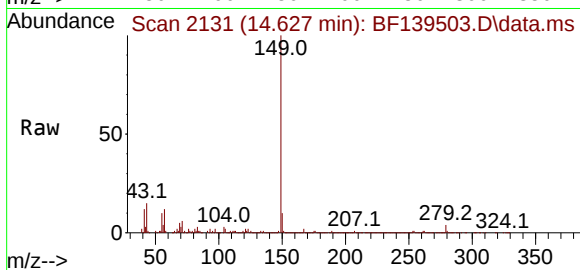
Tgt Ion:149 Resp: 169133

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.2 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

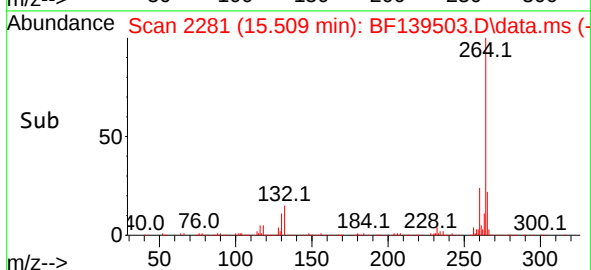
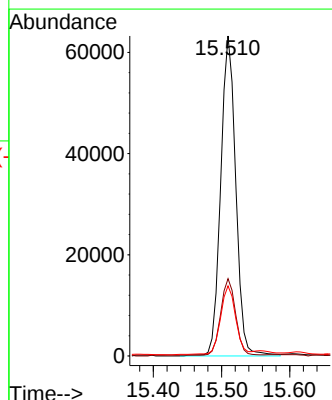
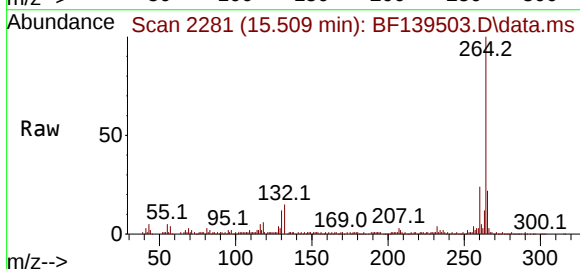
Tgt Ion:264 Resp: 97561

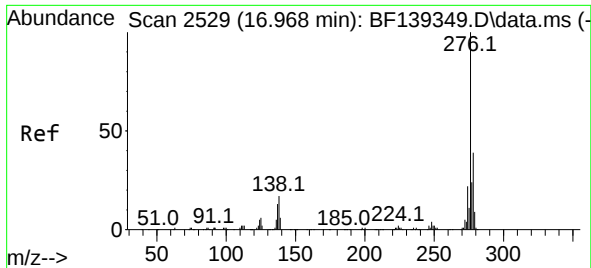
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.9 16.6 25.0

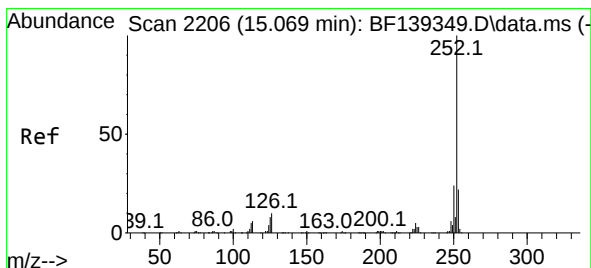
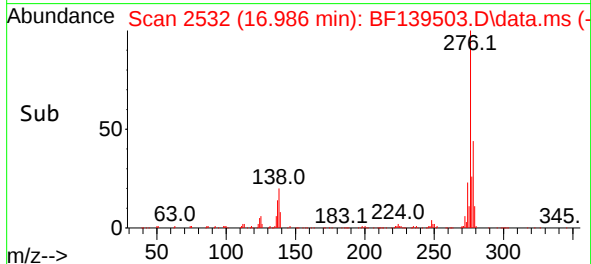
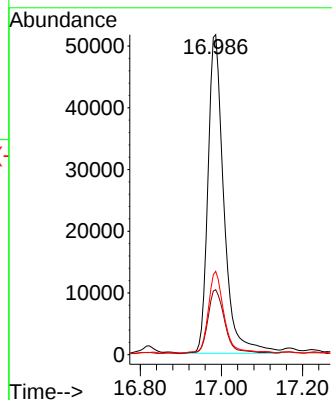
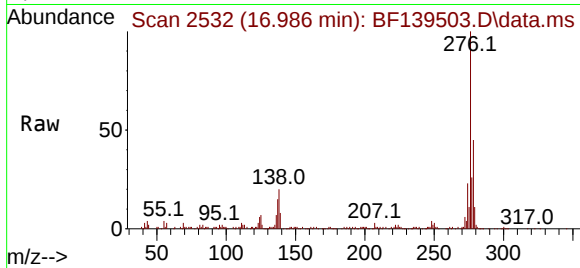




#87
Indeno(1,2,3-cd)pyrene
Concen: 24.223 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

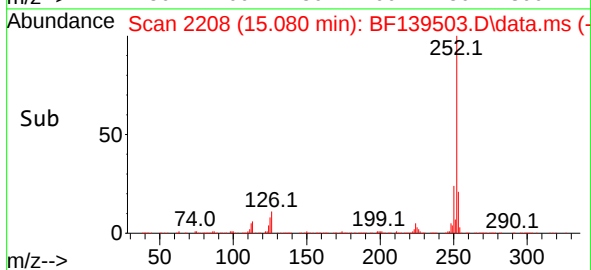
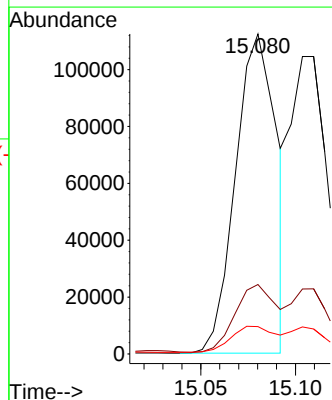
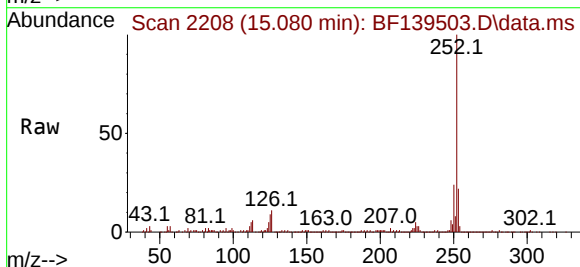
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

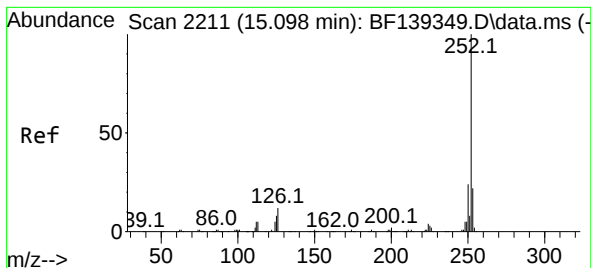
Tgt Ion:276 Resp: 140521
Ion Ratio Lower Upper
276 100
138 21.1 15.4 23.2
277 24.9 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 28.014 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:252 Resp: 168561
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 25.947 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MSD

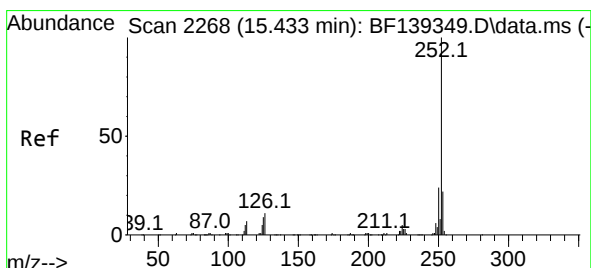
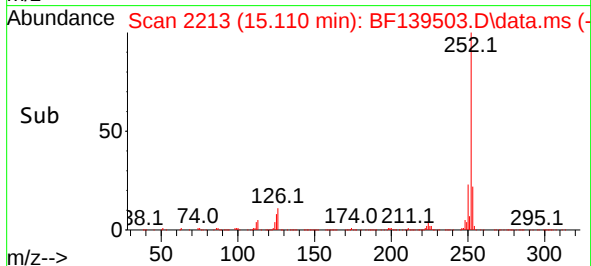
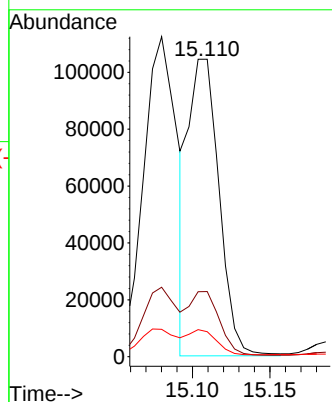
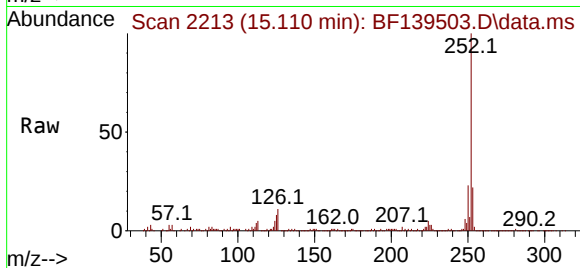
Tgt Ion:252 Resp: 143950

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 30.120 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139503.D

Acq: 20 Sep 2024 15:55

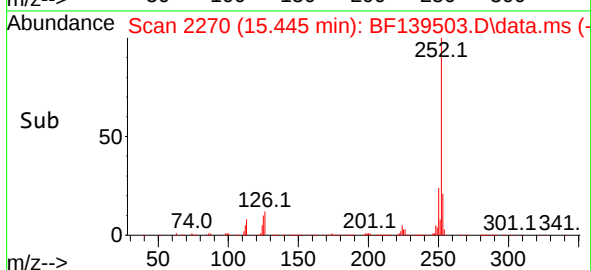
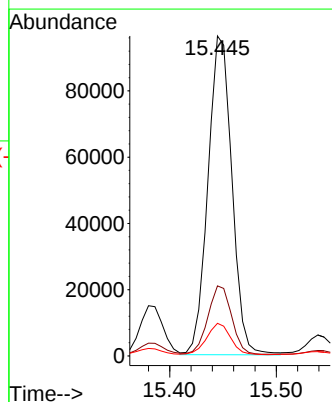
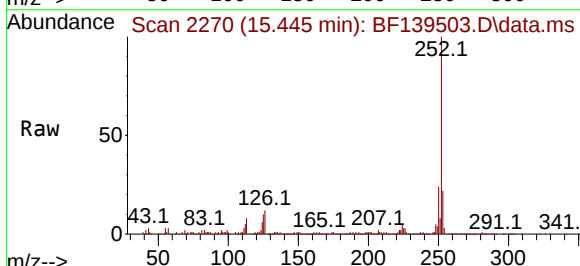
Tgt Ion:252 Resp: 150303

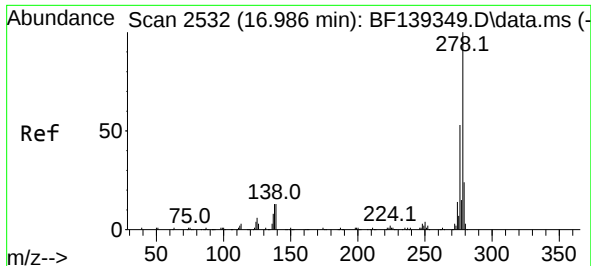
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.2 6.8 10.2#

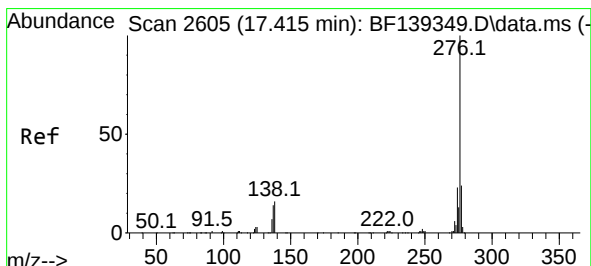
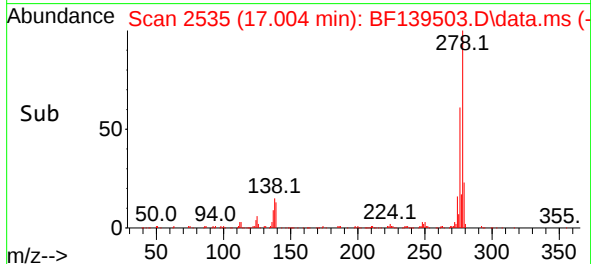
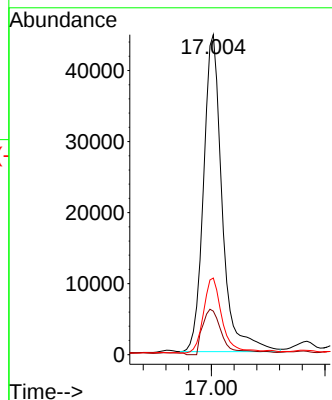
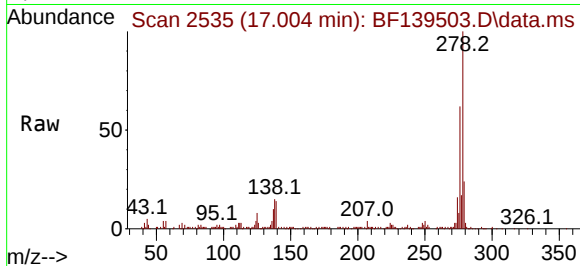




#91
Dibenzo(a,h)anthracene
Concen: 21.212 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MSD

Tgt Ion:278 Resp: 101685
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.2
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 22.212 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139503.D
Acq: 20 Sep 2024 15:55

Tgt Ion:276 Resp: 105425
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 19.5 13.0 19.6

