

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139616.D
 Acq On : 02 Oct 2024 19:42
 Operator : RC/JU
 Sample : P4222-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

Quant Time: Oct 03 01:52:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	88261	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	325399	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	163866	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	252396	20.000	ng	0.00
76) Chrysene-d12	14.033	240	163545	20.000	ng	0.00
86) Perylene-d12	15.498	264	150135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	565086	110.970	ng	0.00
7) Phenol-d6	6.504	99	758922	110.824	ng	0.00
23) Nitrobenzene-d5	7.434	82	490795	76.365	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	152969	96.702	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	833826	78.117	ng	0.00
79) Terphenyl-d14	12.974	244	595645	59.760	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	99331	45.118	ng	99
3) Pyridine	3.451	79	257724	48.133	ng	100
4) n-Nitrosodimethylamine	3.410	42	175202	49.989	ng	99
6) Aniline	6.528	93	216159	35.572	ng	# 75
8) 2-Chlorophenol	6.651	128	273714	50.170	ng	99
9) Benzaldehyde	6.416	77	45516	12.547	ng	99
10) Phenol	6.516	94	356022	49.443	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	269295	45.932	ng	98
12) 1,3-Dichlorobenzene	6.810	146	285839	46.573	ng	98
13) 1,4-Dichlorobenzene	6.887	146	293368	47.195	ng	99
14) 1,2-Dichlorobenzene	7.034	146	277325	47.603	ng	100
15) Benzyl Alcohol	7.010	79	261975	50.069	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	496053	48.874	ng	97
17) 2-Methylphenol	7.122	107	223024	48.967	ng	98
18) Hexachloroethane	7.381	117	105835	45.647	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	208767	47.419	ng	99
20) 3+4-Methylphenols	7.275	107	279435	48.846	ng	98
22) Acetophenone	7.275	105	382250	49.489	ng	98
24) Nitrobenzene	7.451	77	316787	47.601	ng	100
25) Isophorone	7.686	82	554830	48.605	ng	99
26) 2-Nitrophenol	7.769	139	143351	50.105	ng	98
27) 2,4-Dimethylphenol	7.804	122	220787	63.038	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	325190	47.707	ng	99
29) 2,4-Dichlorophenol	8.010	162	223829	48.995	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	237052	45.883	ng	99
31) Naphthalene	8.175	128	788960	47.421	ng	100
32) Benzoic acid	7.922	122	145293	41.719	ng	96
33) 4-Chloroaniline	8.222	127	47683	8.467	ng	98
34) Hexachlorobutadiene	8.286	225	152815	45.707	ng	99
35) Caprolactam	8.592	113	72730	48.538	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	241361	46.672	ng	100
37) 2-Methylnaphthalene	8.863	142	506301	46.725	ng	100
38) 1-Methylnaphthalene	8.963	142	463316	43.744	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	234868	51.616	ng	100
41) Hexachlorocyclopentadiene	9.010	237	123239	88.328	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	156942	51.163	ng	99

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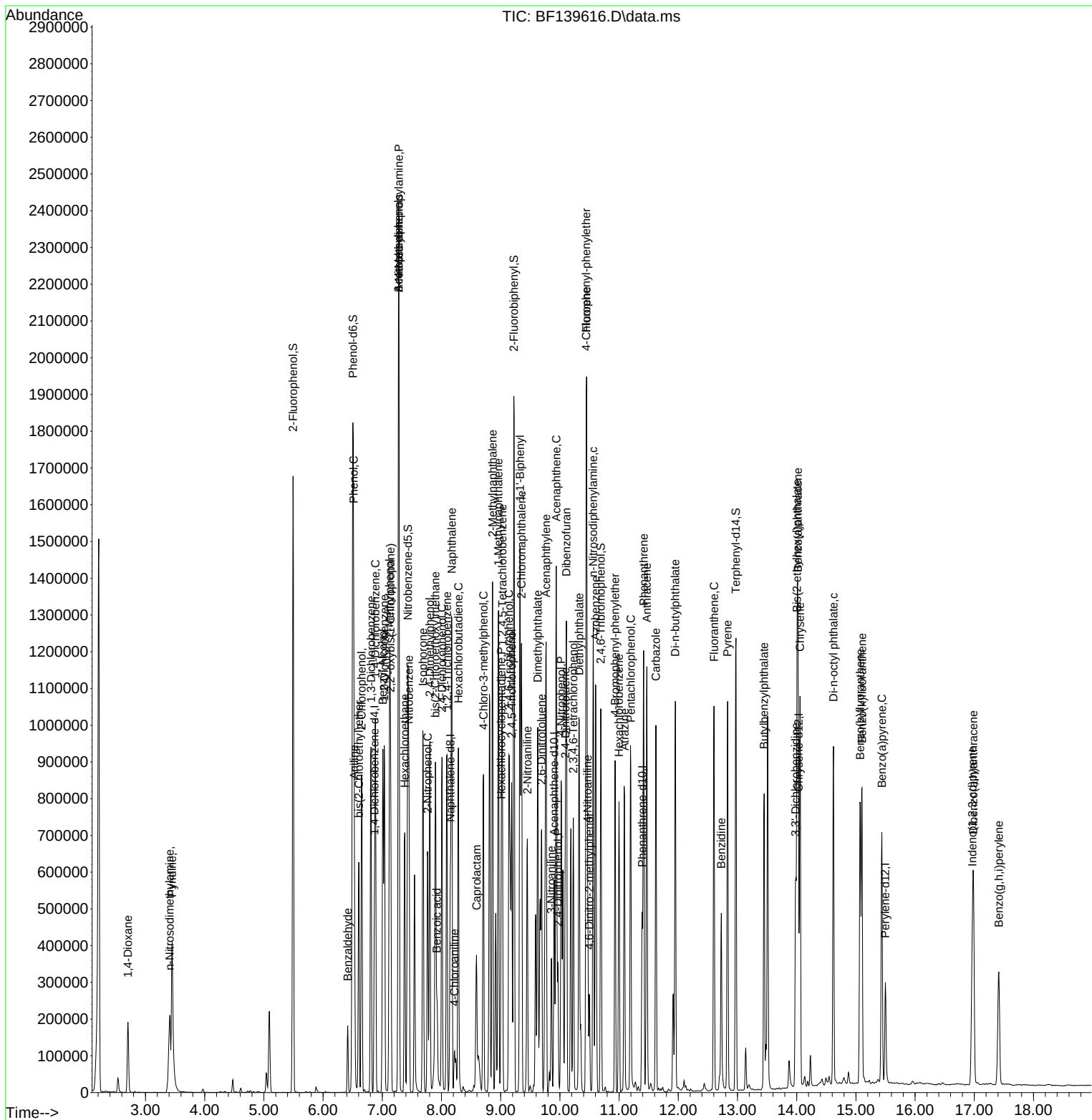
Instrument :
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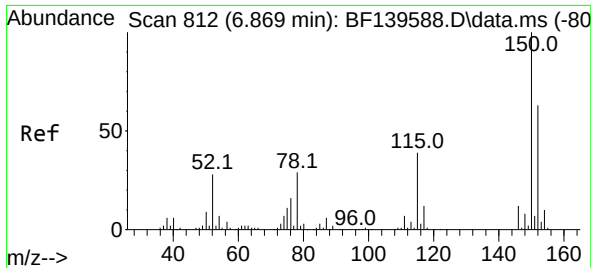
Quant Time: Oct 03 01:52:49 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	160487	48.514	ng	99
46) 1,1'-Biphenyl	9.328	154	614528	50.421	ng	99
47) 2-Chloronaphthalene	9.351	162	452884	49.567	ng	99
48) 2-Nitroaniline	9.451	65	169131	51.566	ng	98
49) Acenaphthylene	9.769	152	722895	52.025	ng	100
50) Dimethylphthalate	9.628	163	553963	51.643	ng	100
51) 2,6-Dinitrotoluene	9.692	165	115561	47.690	ng	95
52) Acenaphthene	9.939	154	464196	48.663	ng	99
53) 3-Nitroaniline	9.857	138	67330	27.190	ng	98
54) 2,4-Dinitrophenol	9.969	184	58624	44.981	ng	96
55) Dibenzofuran	10.110	168	643185	48.157	ng	99
56) 4-Nitrophenol	10.022	139	163820	86.753	ng	97
57) 2,4-Dinitrotoluene	10.092	165	148130	46.768	ng	99
58) Fluorene	10.451	166	481740	45.286	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	120347	45.043	ng	98
60) Diethylphthalate	10.328	149	539075	48.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	245002	46.036	ng	98
62) 4-Nitroaniline	10.469	138	96953	38.278	ng	98
63) Azobenzene	10.604	77	574192	51.533	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	43445	30.477	ng	99
66) n-Nitrosodiphenylamine	10.563	169	424325	57.035	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	136948	52.920	ng	97
68) Hexachlorobenzene	10.998	284	143954	50.131	ng	99
69) Atrazine	11.092	200	129826	65.040	ng	99
70) Pentachlorophenol	11.198	266	147581	86.311	ng	98
71) Phenanthrene	11.416	178	602340	50.614	ng	100
72) Anthracene	11.469	178	607158	51.571	ng	99
73) Carbazole	11.622	167	548557	48.512	ng	100
74) Di-n-butylphthalate	11.951	149	709006	51.562	ng	99
75) Fluoranthene	12.604	202	597630	45.939	ng	99
77) Benzidine	12.727	184	256117	88.783	ng	100
78) Pyrene	12.833	202	604714	41.341	ng	99
80) Butylbenzylphthalate	13.451	149	251222	48.016	ng	97
81) Benzo(a)anthracene	14.021	228	543533	50.550	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	156657	47.606	ng	98
83) Chrysene	14.057	228	507884	51.664	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	346333	53.011	ng	99
85) Di-n-octyl phthalate	14.621	149	584411	60.888	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	371474	42.038	ng	99
88) Benzo(b)fluoranthene	15.074	252	498819	51.385	ng	99
89) Benzo(k)fluoranthene	15.104	252	437004	53.070	ng	99
90) Benzo(a)pyrene	15.439	252	418895	54.727	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	308306	42.066	ng	99
92) Benzo(g,h,i)perylene	17.415	276	267337	36.370	ng	98

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

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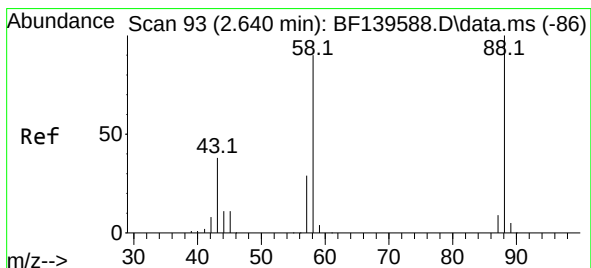
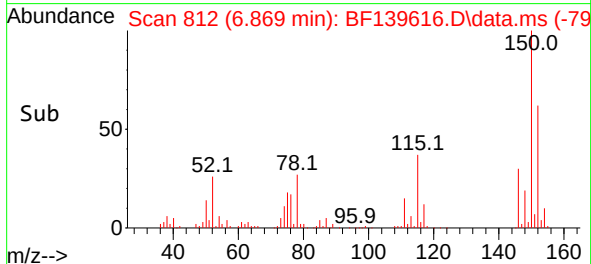
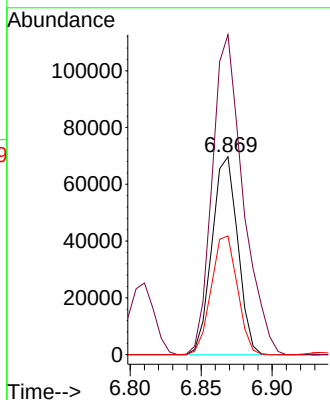
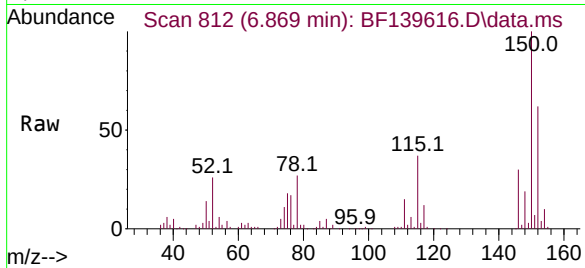




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: BF139616.D
 Acq: 02 Oct 2024 19:42

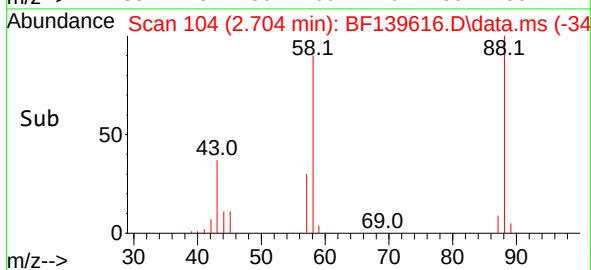
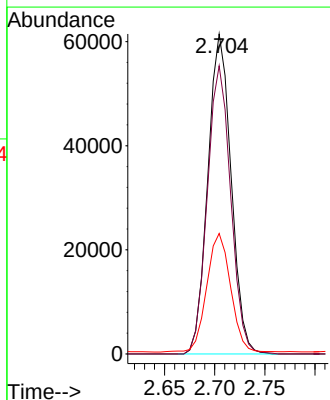
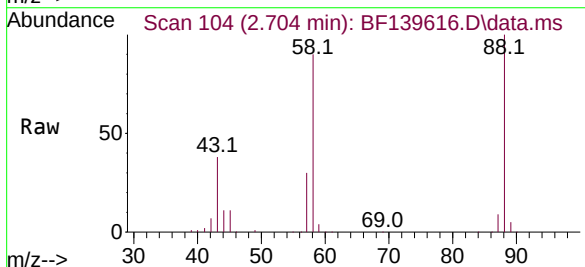
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 TP-5MSD

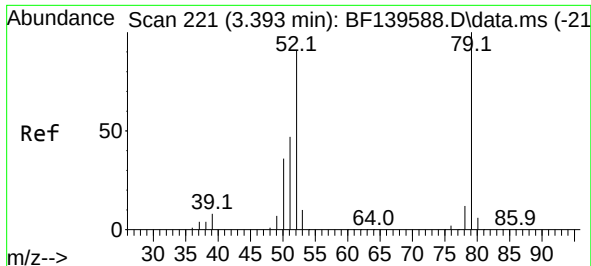
Tgt Ion:152 Resp: 88261
 Ion Ratio Lower Upper
 152 100
 150 161.6 127.2 190.8
 115 59.9 49.0 73.4



#2
 1,4-Dioxane
 Concen: 45.118 ng
 RT: 2.704 min Scan# 104
 Delta R.T. 0.065 min
 Lab File: BF139616.D
 Acq: 02 Oct 2024 19:42

Tgt Ion: 88 Resp: 99331
 Ion Ratio Lower Upper
 88 100
 58 90.5 72.0 108.0
 43 38.0 30.8 46.2





#3

Pyridine

Concen: 48.133 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

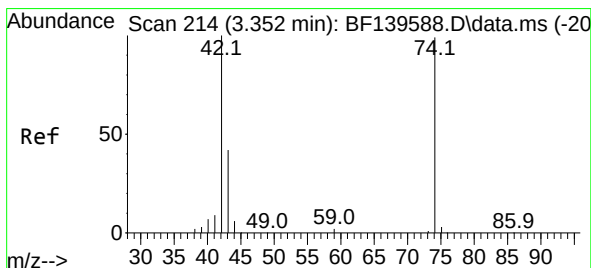
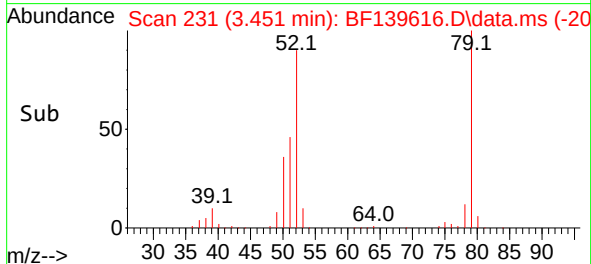
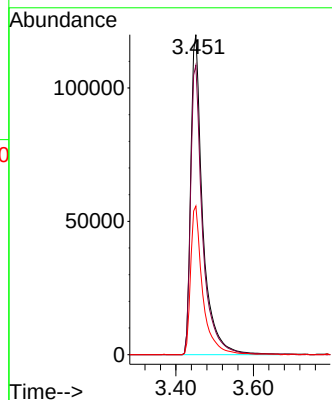
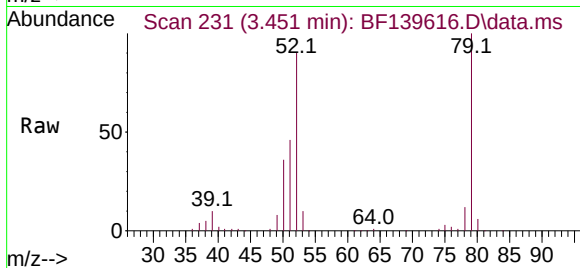
Tgt Ion: 79 Resp: 257724

Ion Ratio Lower Upper

79 100

52 90.5 72.6 109.0

51 46.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 49.989 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

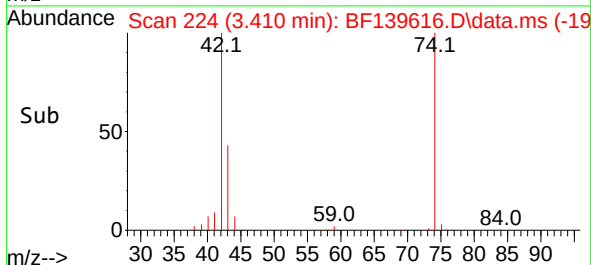
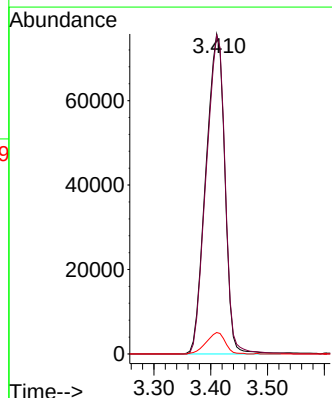
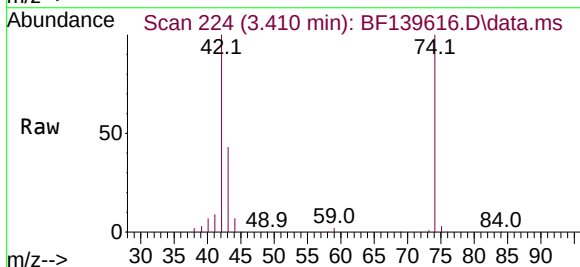
Tgt Ion: 42 Resp: 175202

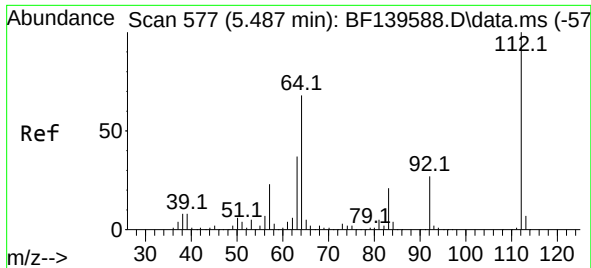
Ion Ratio Lower Upper

42 100

74 99.5 79.0 118.6

44 6.7 5.2 7.8

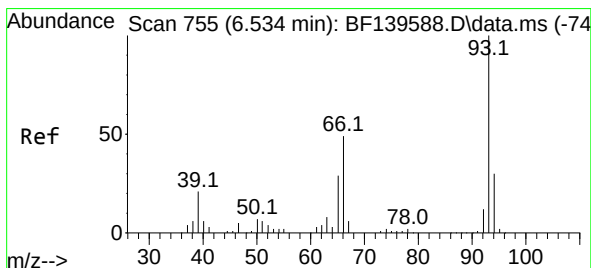
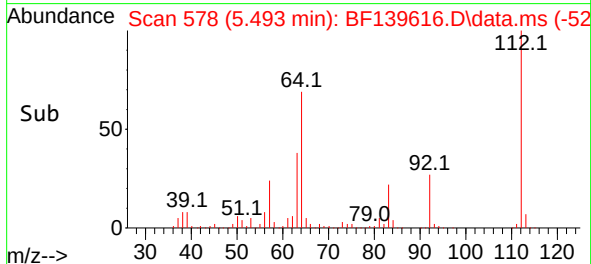
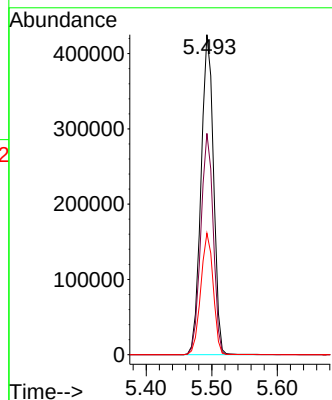
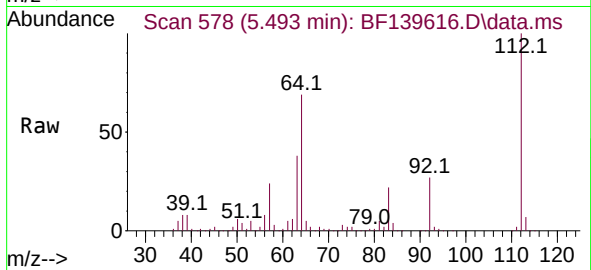




#5
2-Fluorophenol
Concen: 110.970 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

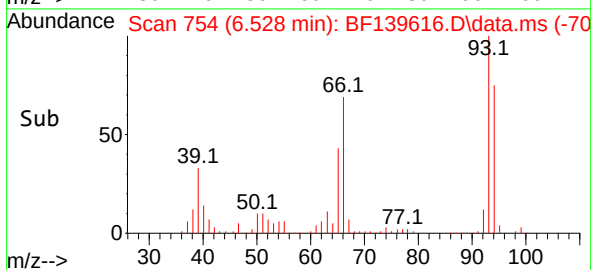
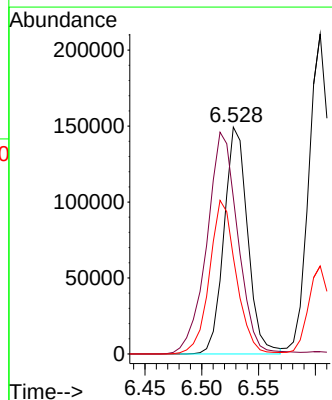
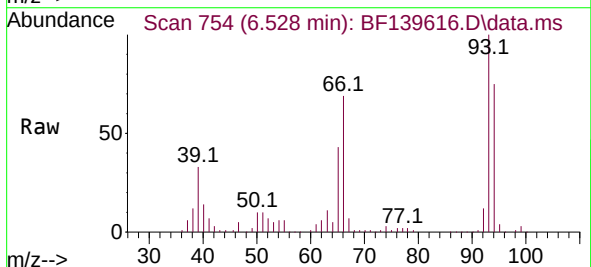
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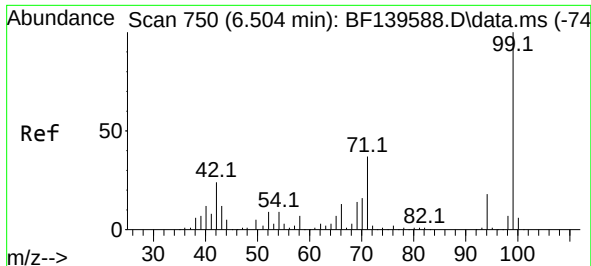
Tgt Ion:112 Resp: 565086
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 37.9 29.4 44.2



#6
Aniline
Concen: 35.572 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion: 93 Resp: 216159
Ion Ratio Lower Upper
93 100
66 68.9 40.9 61.3#
65 42.6 23.3 34.9#

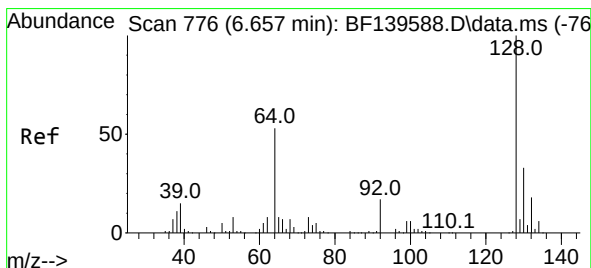
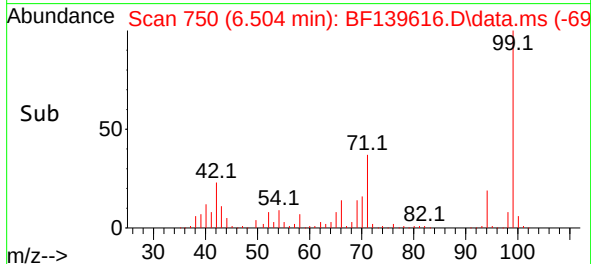
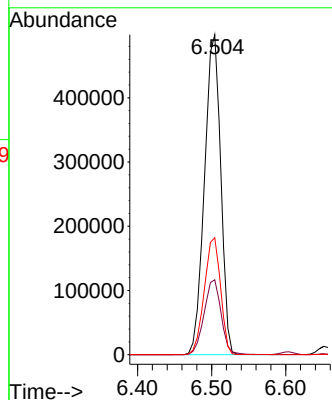
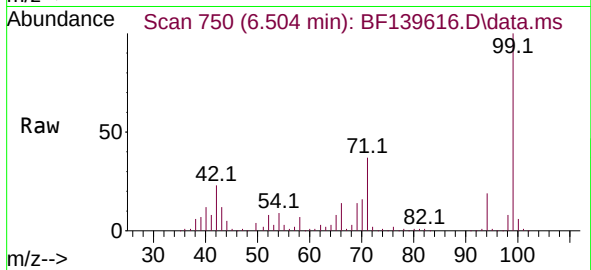




#7
Phenol-d6
Concen: 110.824 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

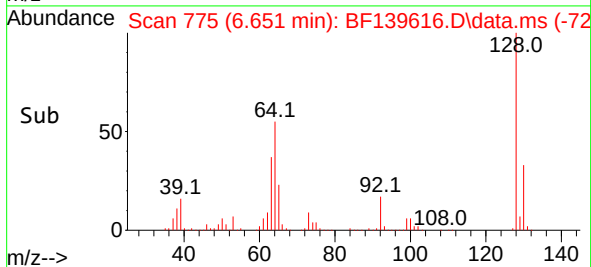
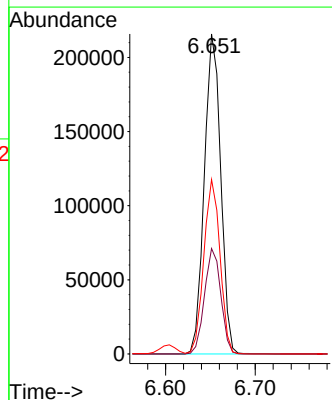
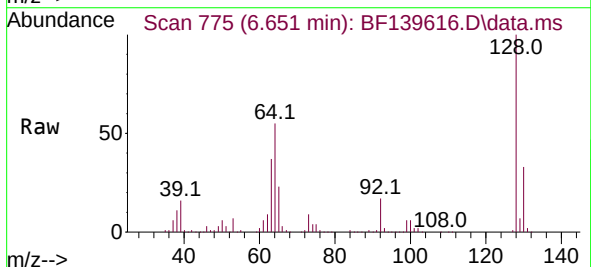
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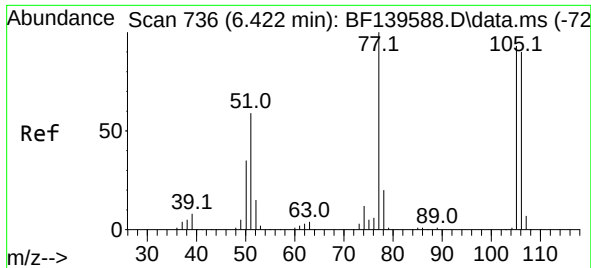
Tgt Ion: 99 Resp: 758922
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 36.5 29.7 44.5



#8
2-Chlorophenol
Concen: 50.170 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:128 Resp: 273714
Ion Ratio Lower Upper
128 100
130 32.9 13.2 53.2
64 54.5 35.1 75.1





#9

Benzaldehyde

Concen: 12.547 ng

RT: 6.416 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

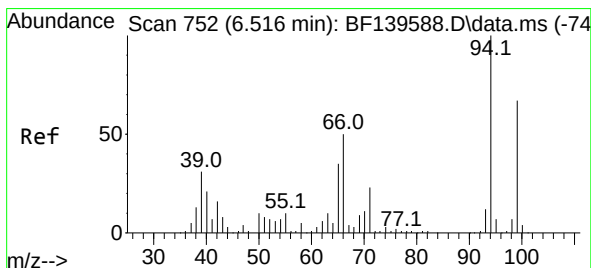
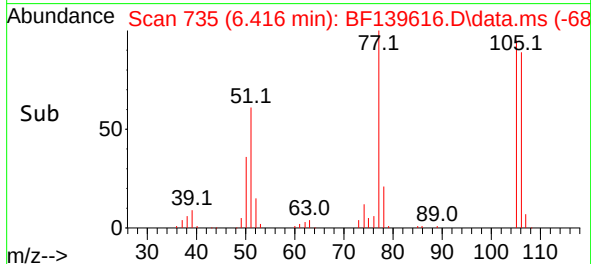
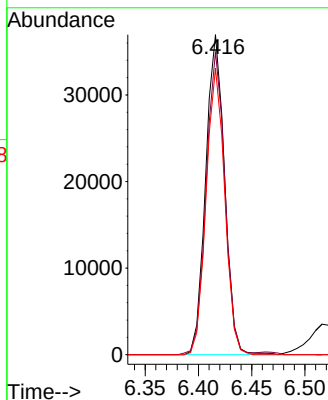
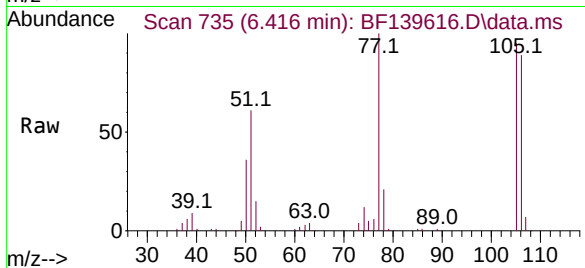
Tgt Ion: 77 Resp: 45516

Ion Ratio Lower Upper

77 100

105 94.7 72.7 112.7

106 89.5 70.1 110.1



#10

Phenol

Concen: 49.443 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

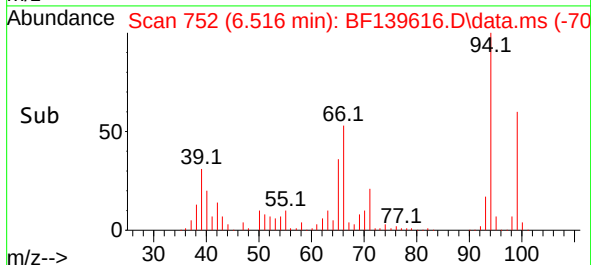
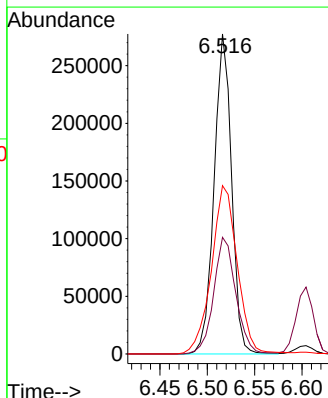
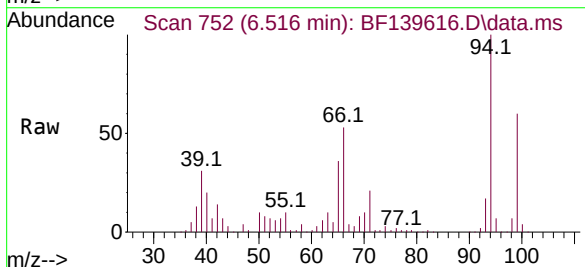
Tgt Ion: 94 Resp: 356022

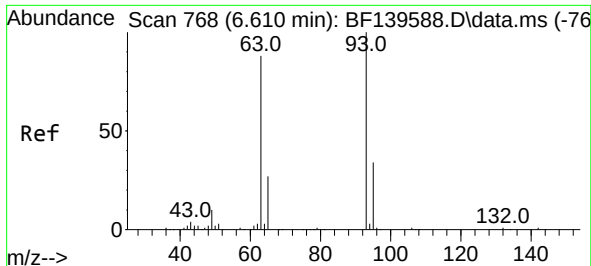
Ion Ratio Lower Upper

94 100

65 36.4 15.3 55.3

66 52.6 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 45.932 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139616.D

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Instrument :

BNA_F

ClientSampleId :

TP-5MSD

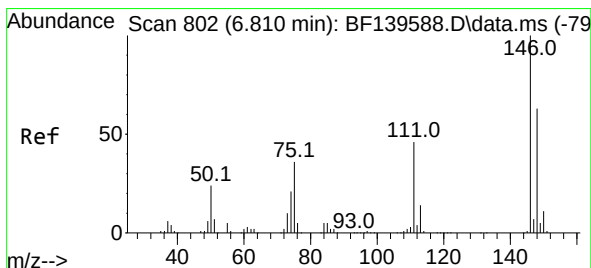
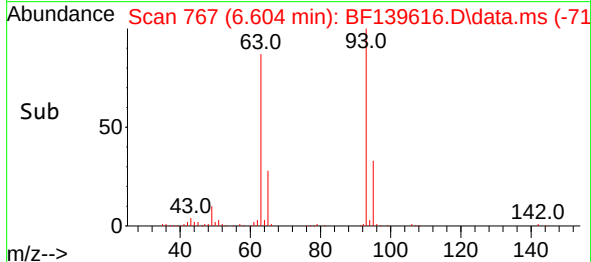
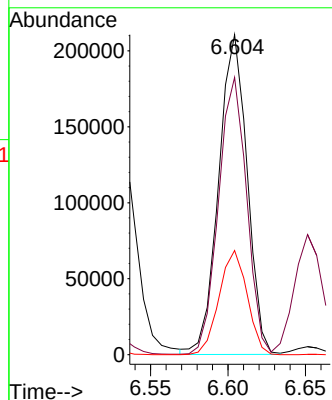
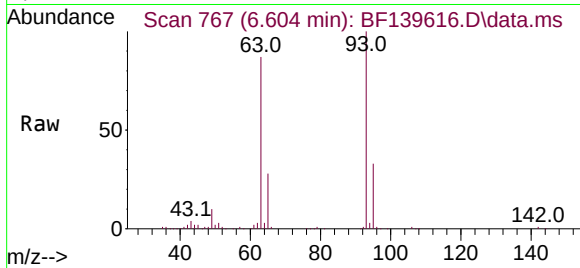
Tgt Ion: 93 Resp: 269295

Ion Ratio Lower Upper

93 100

63 86.6 64.1 104.1

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 46.573 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

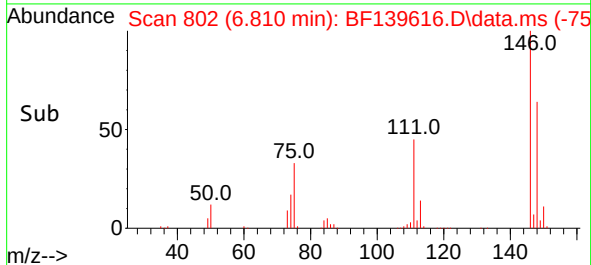
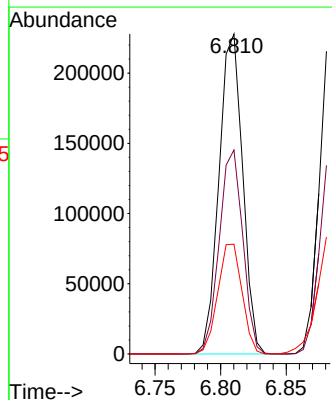
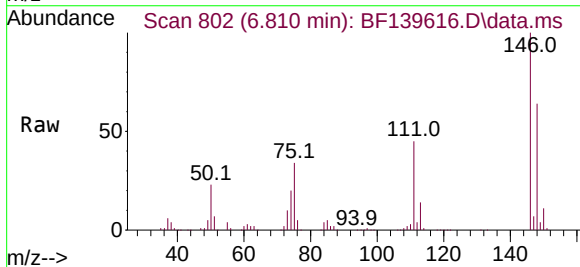
Tgt Ion: 146 Resp: 285839

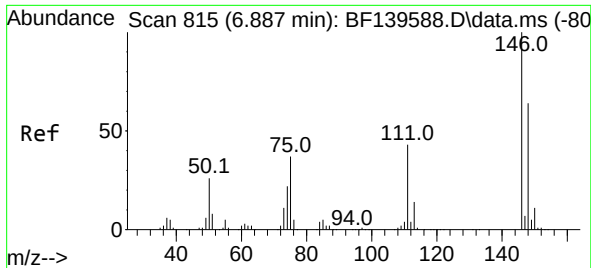
Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.4

75 34.3 28.5 42.7

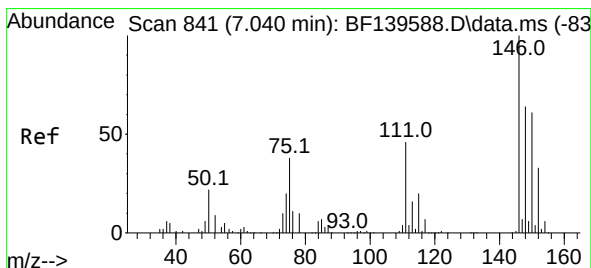
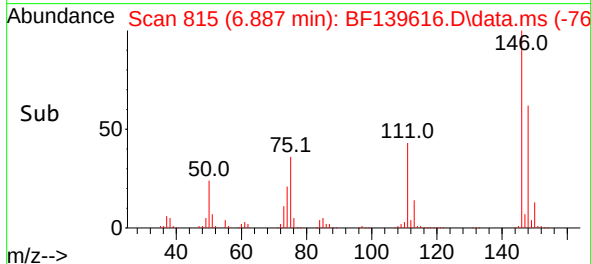
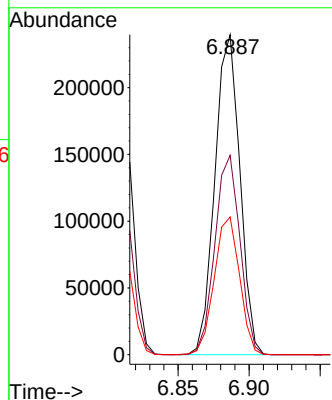
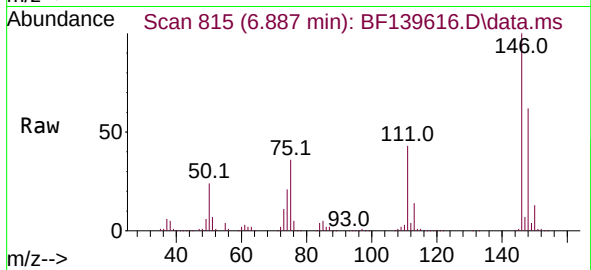




#13
1,4-Dichlorobenzene
Concen: 47.195 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

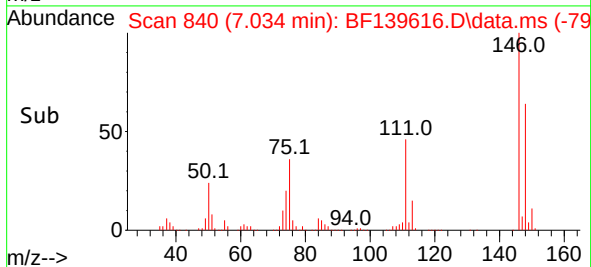
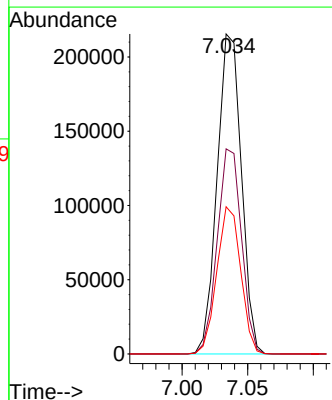
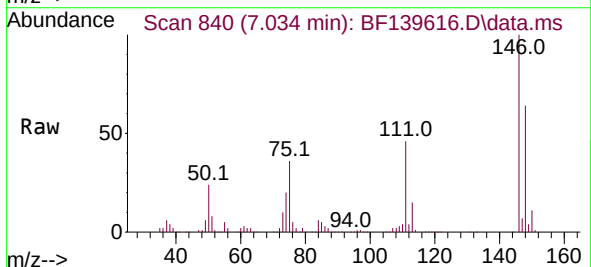
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

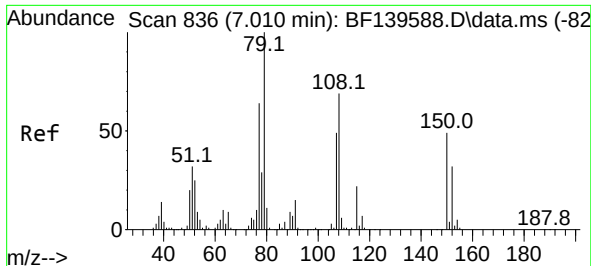
Tgt Ion:146 Resp: 293368
Ion Ratio Lower Upper
146 100
148 62.3 51.0 76.6
111 43.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 47.603 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:146 Resp: 277325
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 46.0 37.0 55.6

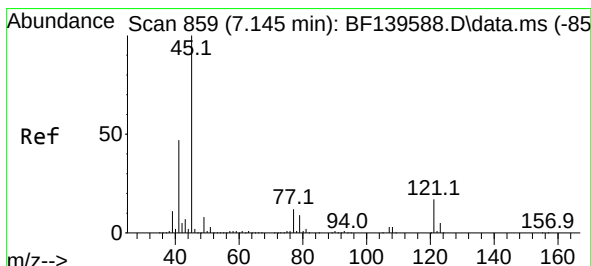
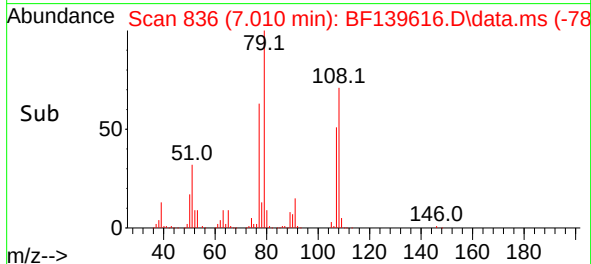
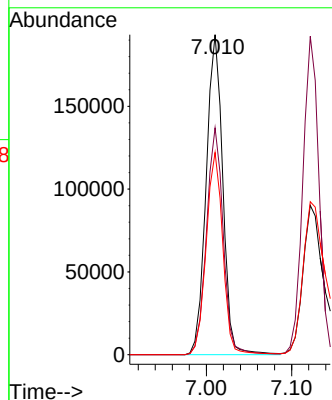
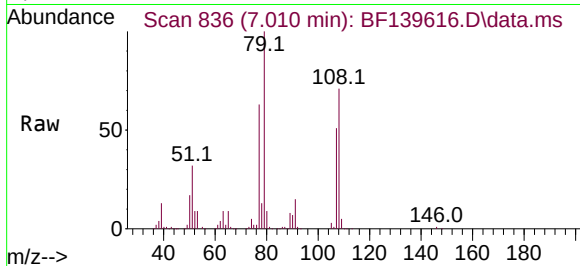




#15
Benzyl Alcohol
Concen: 50.069 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

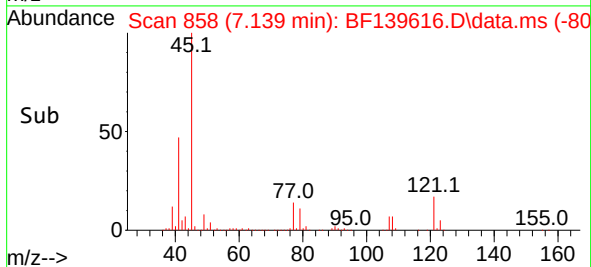
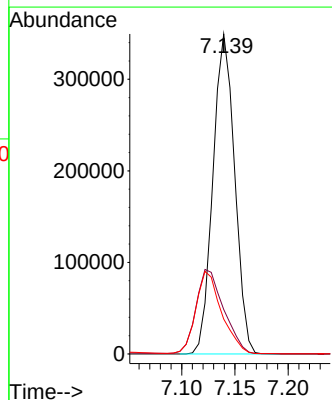
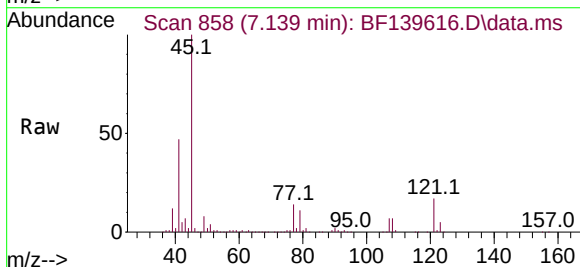
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

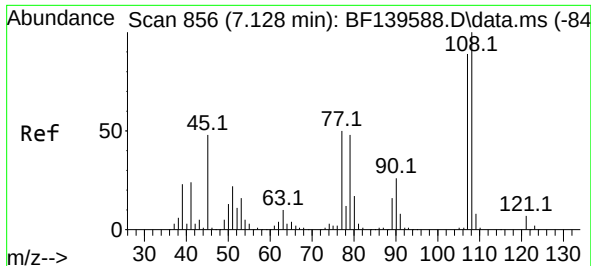
Tgt Ion: 79 Resp: 261975
Ion Ratio Lower Upper
79 100
108 70.9 55.1 82.7
77 63.2 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.874 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion: 45 Resp: 496053
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.5
79 10.9 0.0 29.7

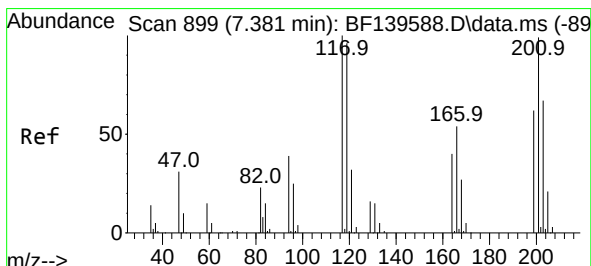
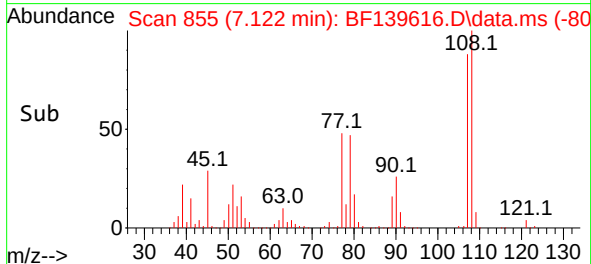
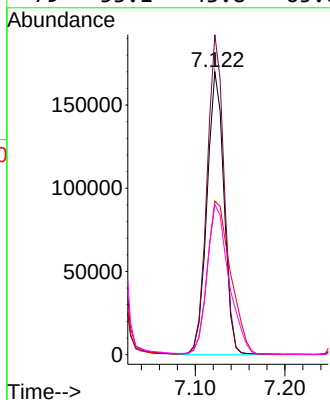
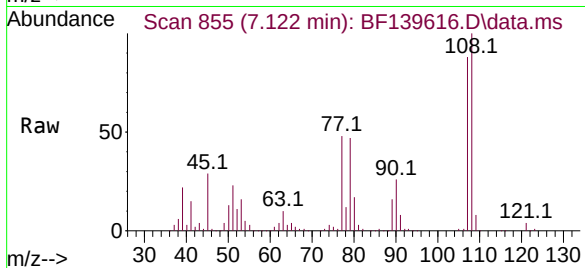




#17
2-Methylphenol
Concen: 48.967 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

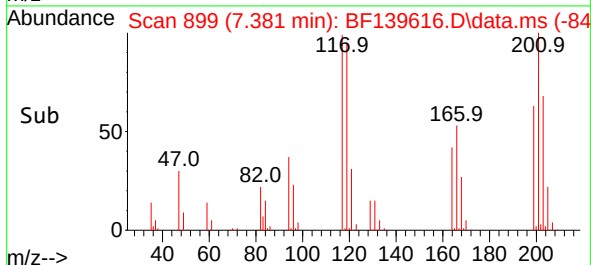
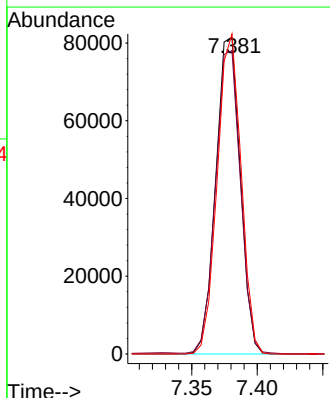
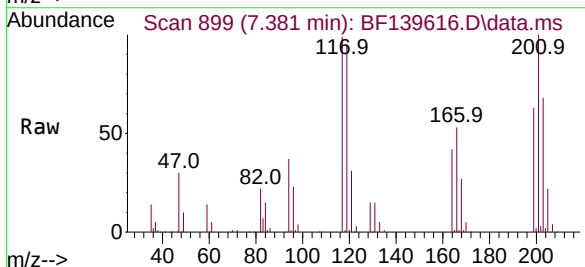
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

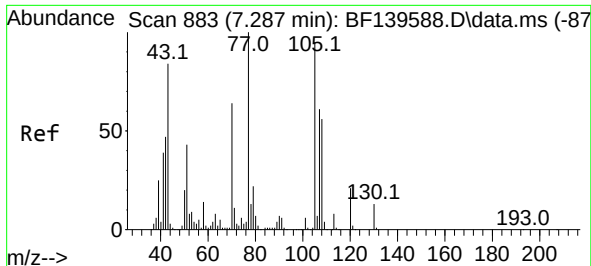
Tgt Ion:	107	Resp:	223024
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.8	134.6
77	54.3	44.6	67.0
79	53.1	43.8	65.6



#18
Hexachloroethane
Concen: 45.647 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:	117	Resp:	105835
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.6
201	101.1	79.2	118.8



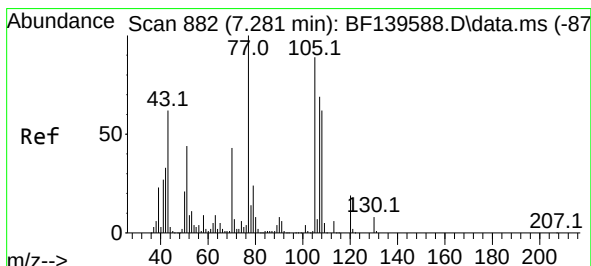
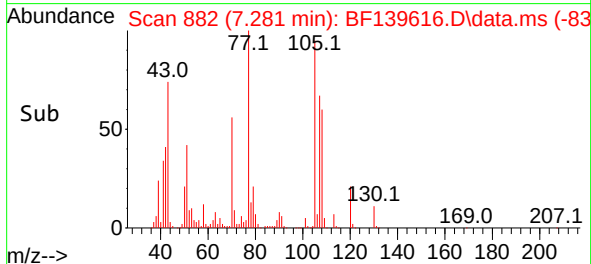
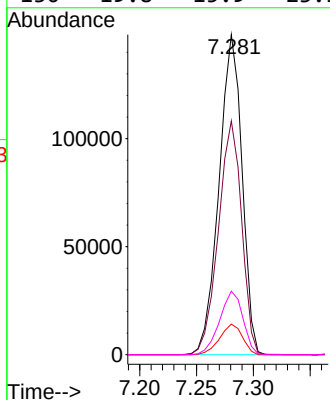
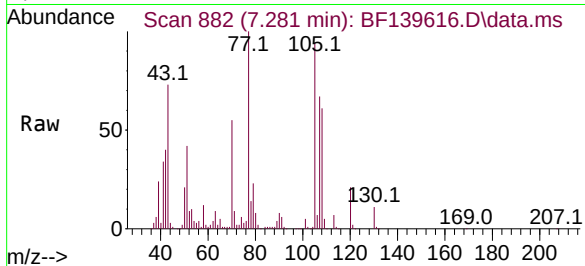


#19
n-Nitroso-di-n-propylamine
Concen: 47.419 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion: 70 Resp: 208767

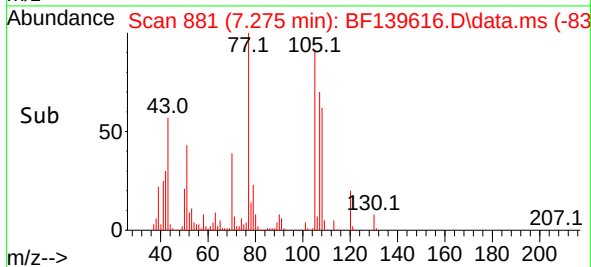
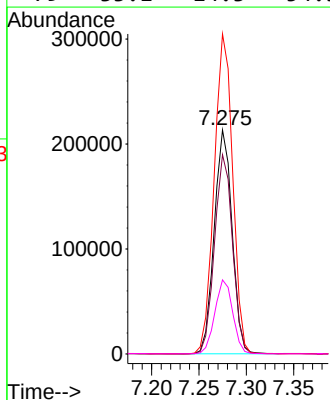
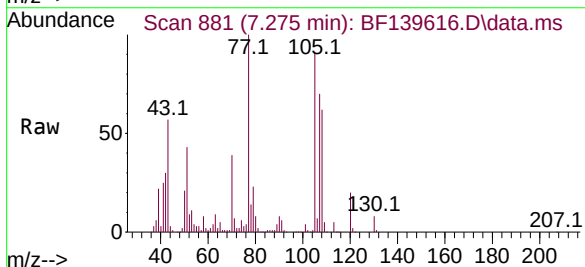
Ion	Ratio	Lower	Upper
70	100		
42	73.0	58.0	87.0
101	9.6	7.8	11.8
130	19.8	15.9	23.9

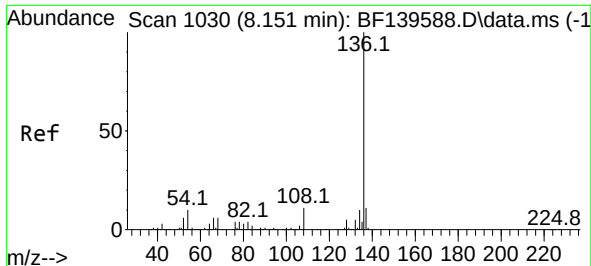


#20
3+4-Methylphenols
Concen: 48.846 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion: 107 Resp: 279435

Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.2	110.2
77	142.9	125.3	165.3
79	33.1	14.3	54.3



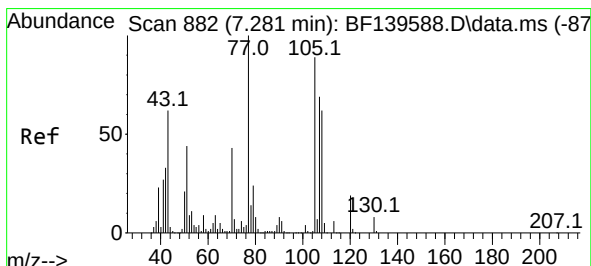
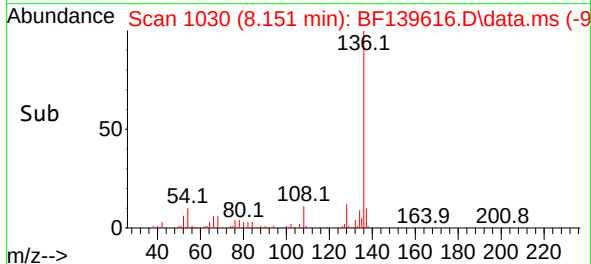
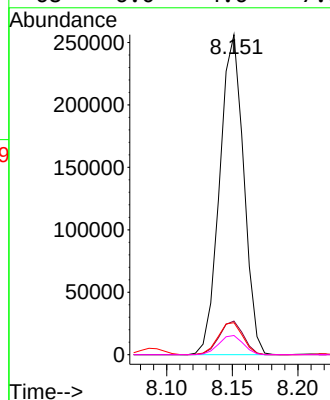
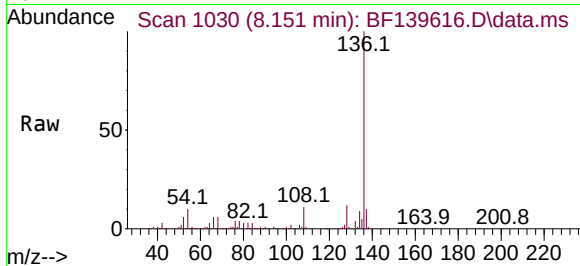


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion:136 Resp: 325399

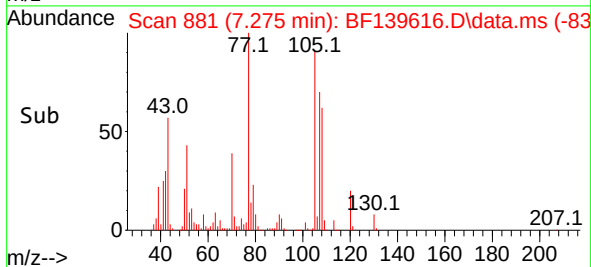
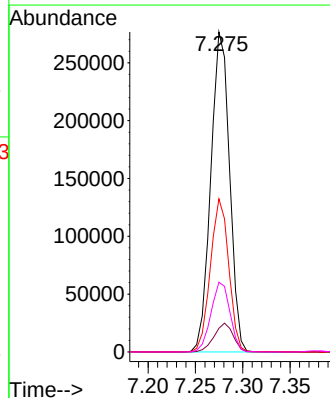
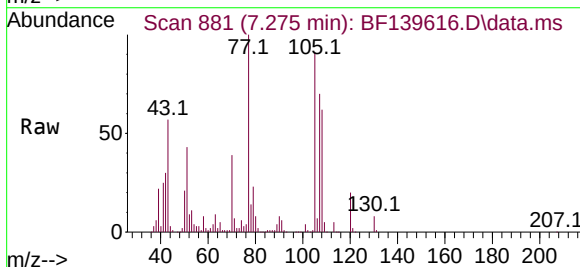
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	10.0	8.3	12.5
68	6.0	4.6	7.0

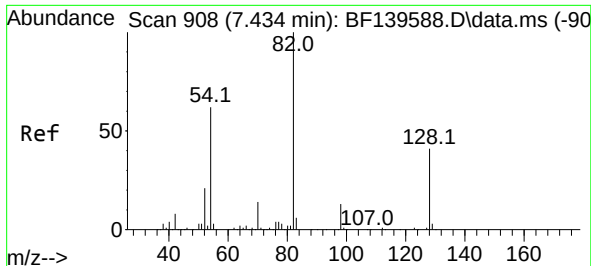


#22
Acetophenone
Concen: 49.489 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:105 Resp: 382250

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.6	10.0
51	47.8	39.4	59.0
120	21.8	17.4	26.2





#23

Nitrobenzene-d5

Concen: 76.365 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

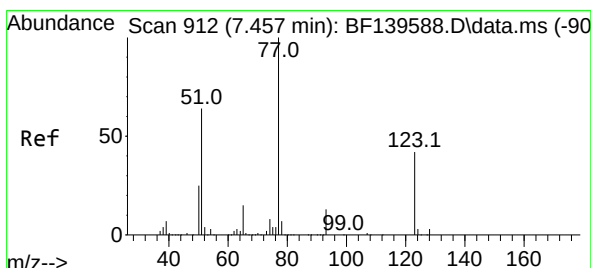
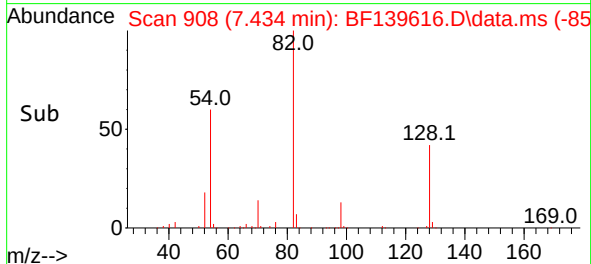
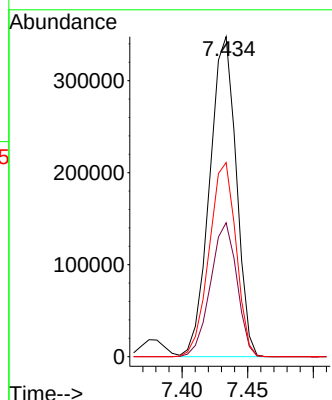
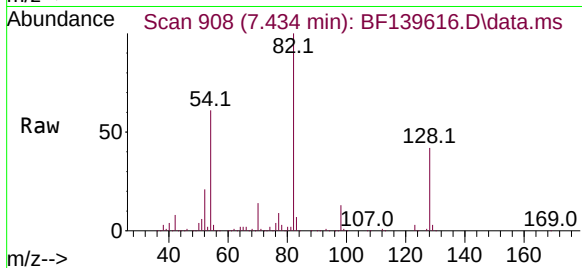
Tgt Ion: 82 Resp: 490795

Ion Ratio Lower Upper

82 100

128 41.8 32.4 48.6

54 60.6 49.1 73.7



#24

Nitrobenzene

Concen: 47.601 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

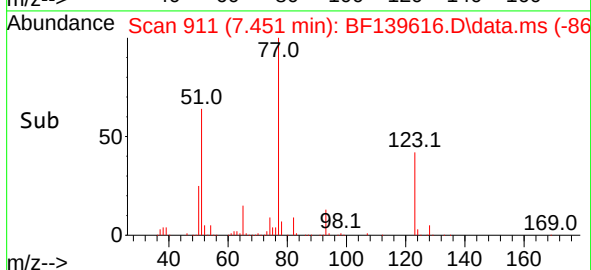
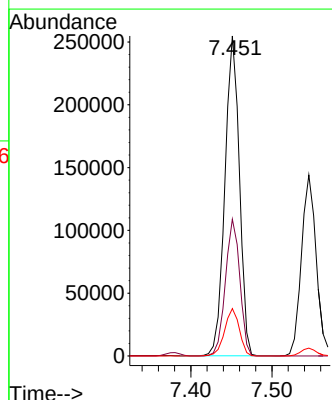
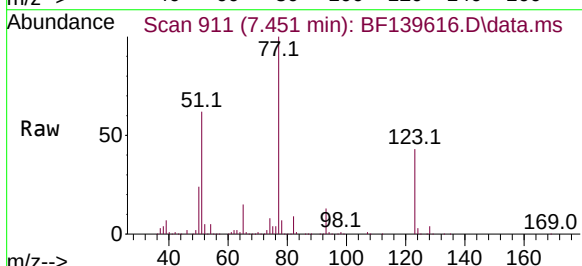
Tgt Ion: 77 Resp: 316787

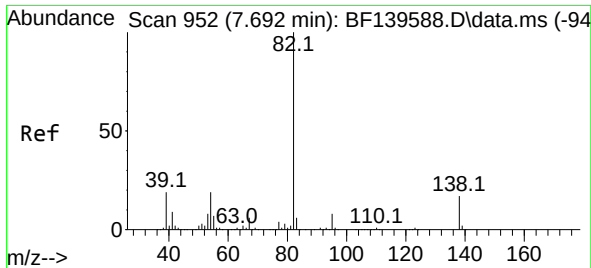
Ion Ratio Lower Upper

77 100

123 42.7 34.2 51.4

65 14.8 12.1 18.1

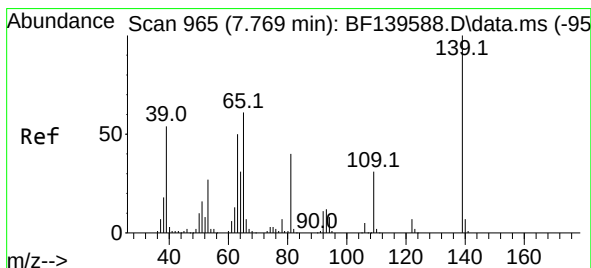
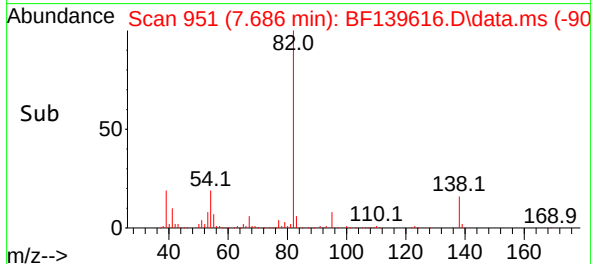
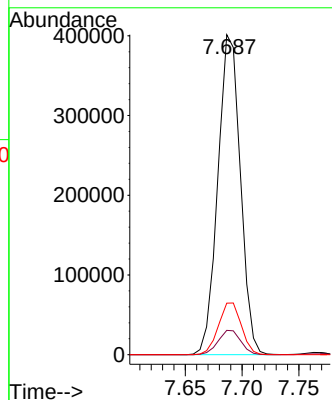
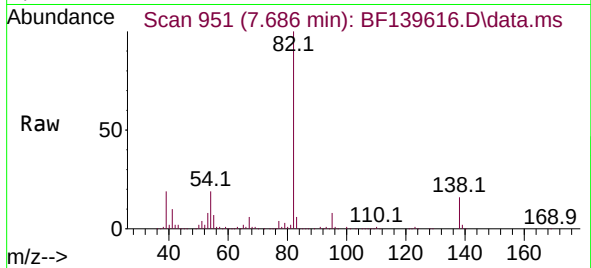




#25
Isophorone
Concen: 48.605 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

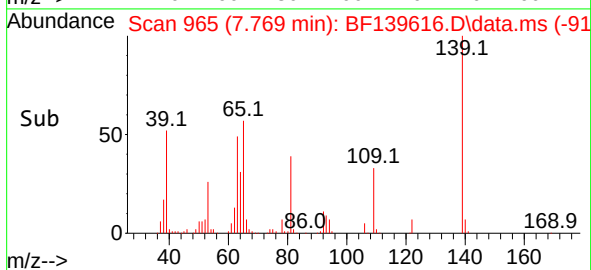
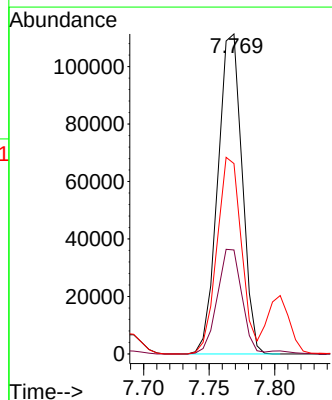
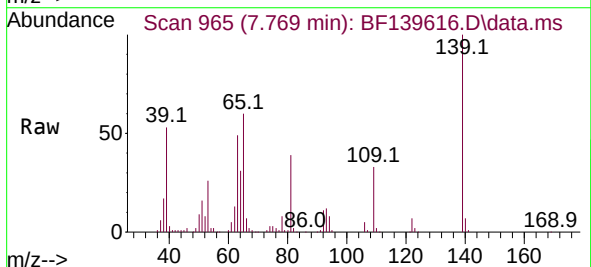
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

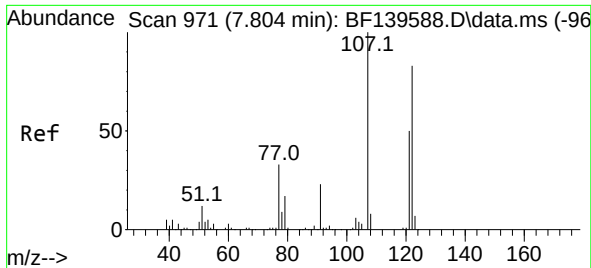
Tgt Ion: 82 Resp: 554830
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.1 13.4 20.2



#26
2-Nitrophenol
Concen: 50.105 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:139 Resp: 143351
Ion Ratio Lower Upper
139 100
109 32.5 24.9 37.3
65 59.5 48.6 72.8

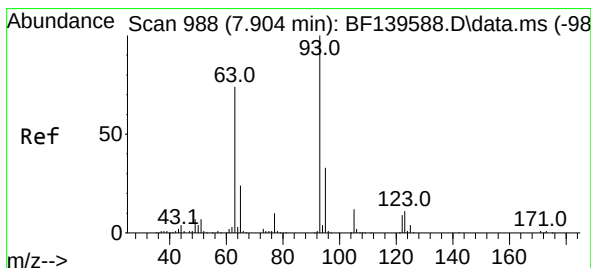
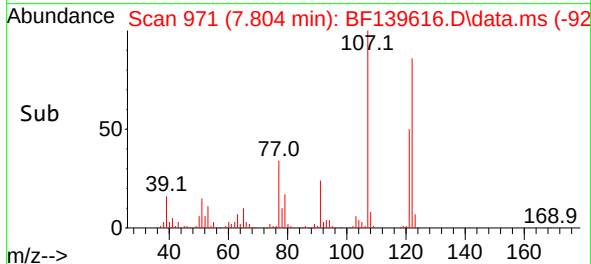
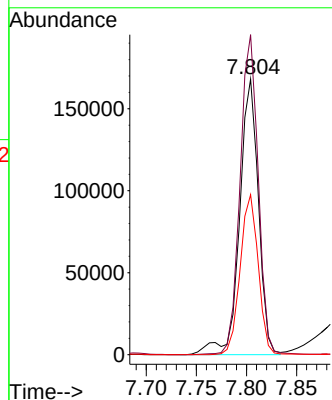
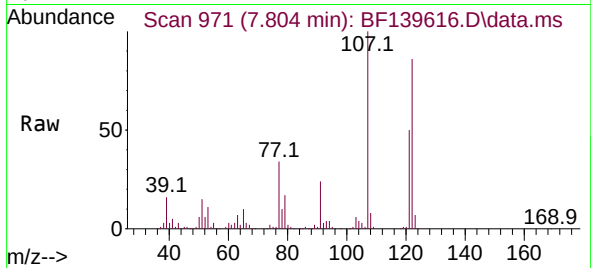




#27
2,4-Dimethylphenol
Concen: 63.038 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

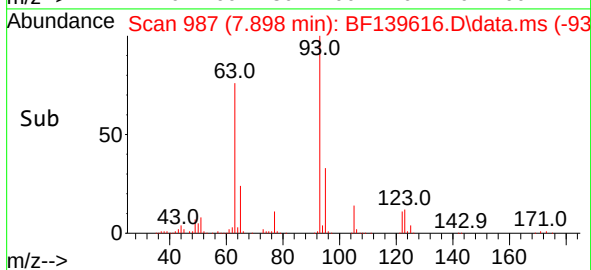
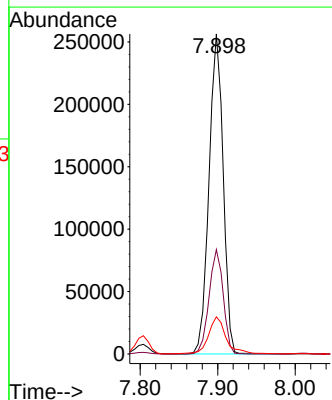
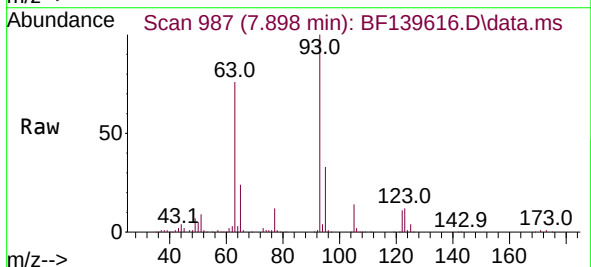
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

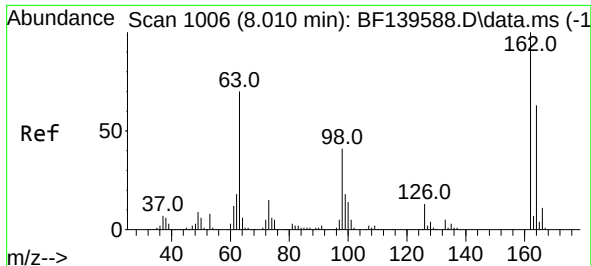
Tgt Ion:122 Resp: 220787
Ion Ratio Lower Upper
122 100
107 116.1 95.4 143.0
121 58.0 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 47.707 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion: 93 Resp: 325190
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.995 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

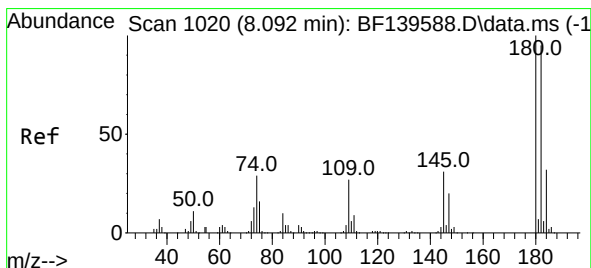
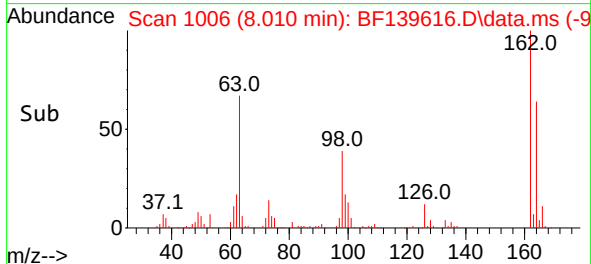
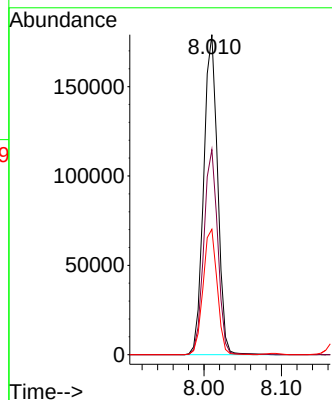
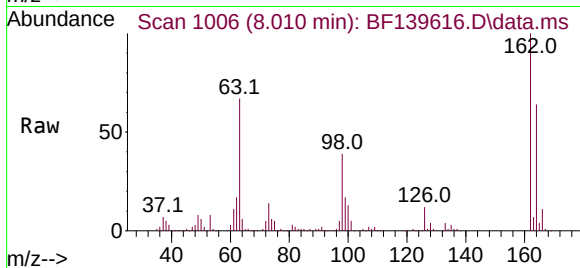
Tgt Ion:162 Resp: 223829

Ion Ratio Lower Upper

162 100

164 64.1 43.1 83.1

98 39.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.883 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

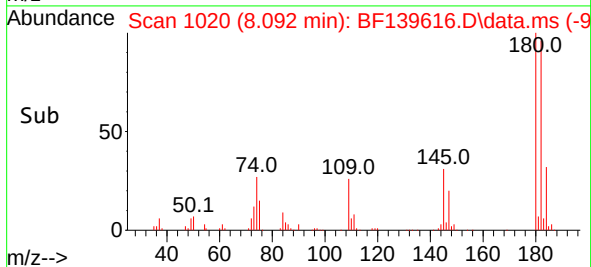
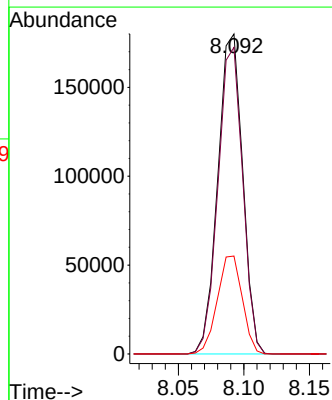
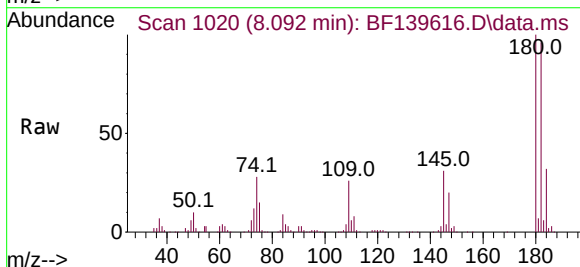
Tgt Ion:180 Resp: 237052

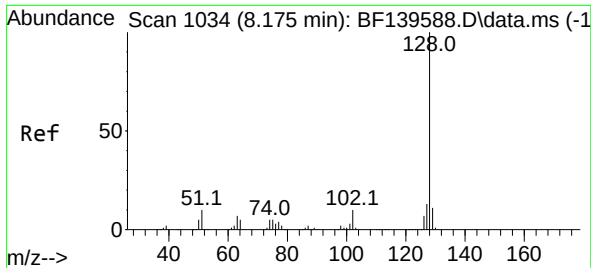
Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 30.6 25.0 37.6

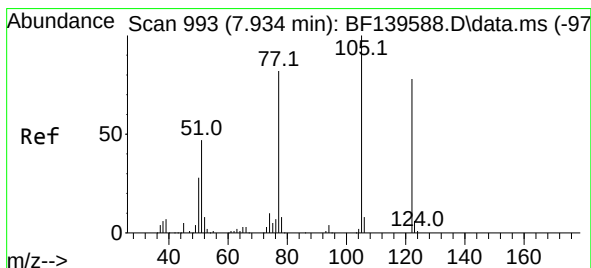
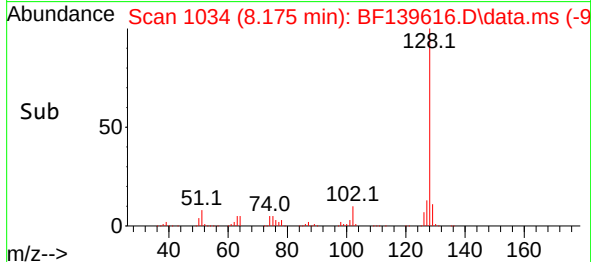
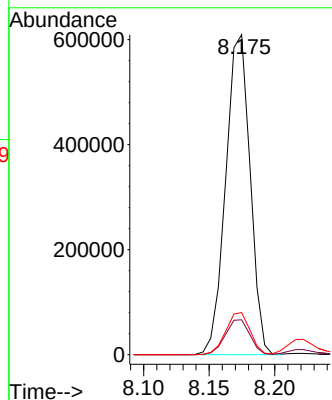
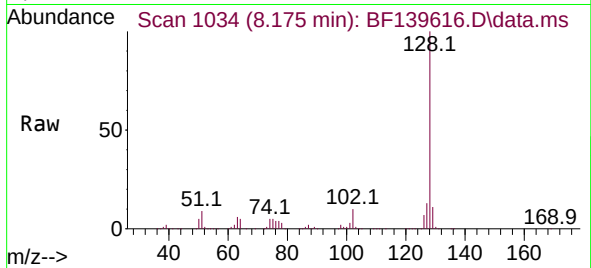




#31
Naphthalene
Concen: 47.421 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

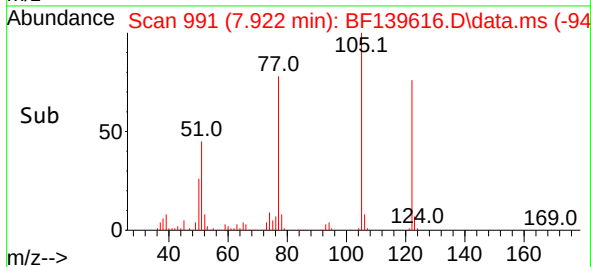
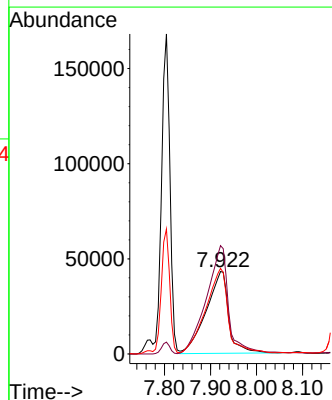
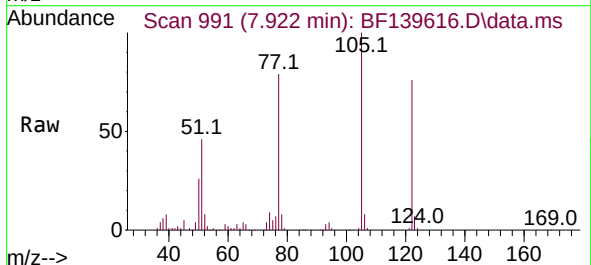
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

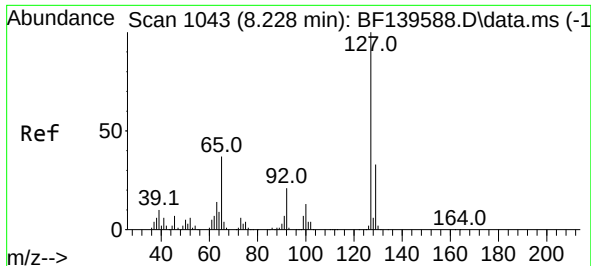
Tgt Ion:128 Resp: 788960
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 41.719 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:122 Resp: 145293
Ion Ratio Lower Upper
122 100
105 131.5 104.9 144.9
77 103.9 82.7 122.7

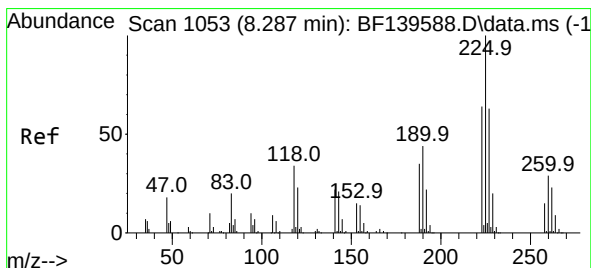
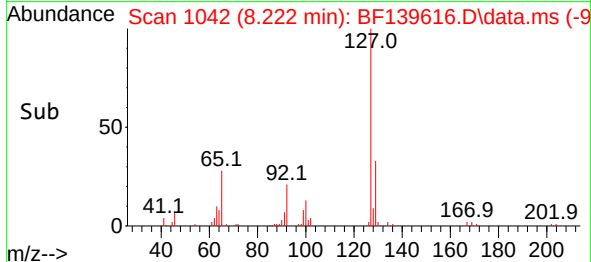
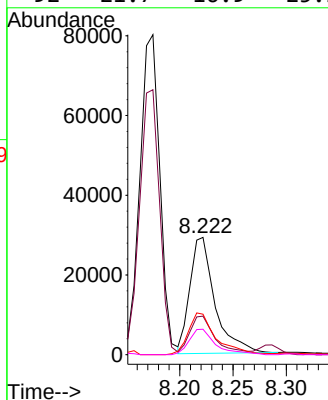
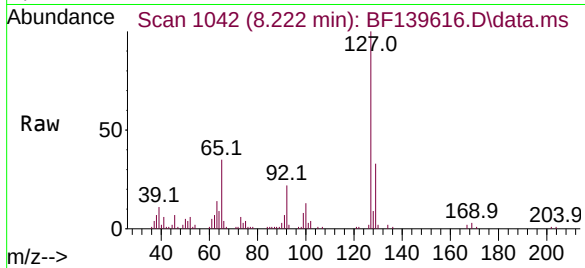




#33
4-Chloroaniline
Concen: 8.467 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

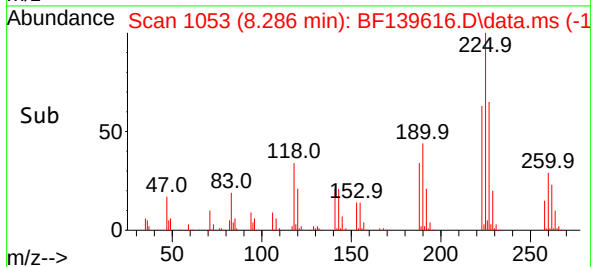
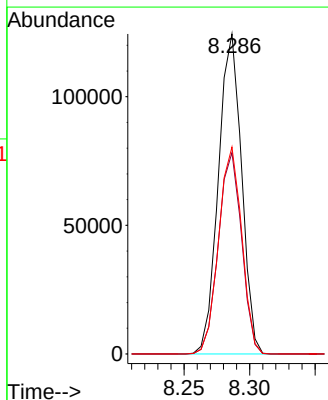
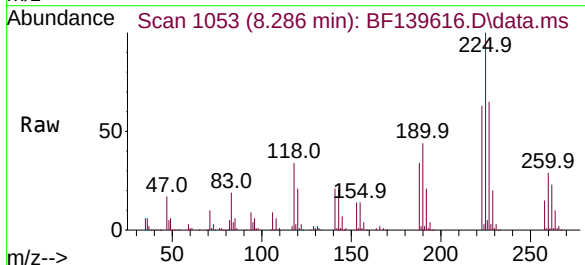
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

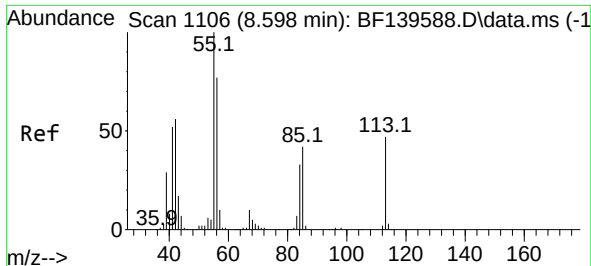
Tgt	Ion:127	Resp:	47683
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	34.5	29.3	43.9
92	21.7	16.9	25.3



#34
Hexachlorobutadiene
Concen: 45.707 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt	Ion:225	Resp:	152815
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	64.7	50.7	76.1

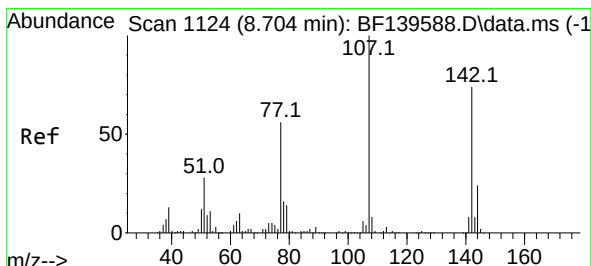
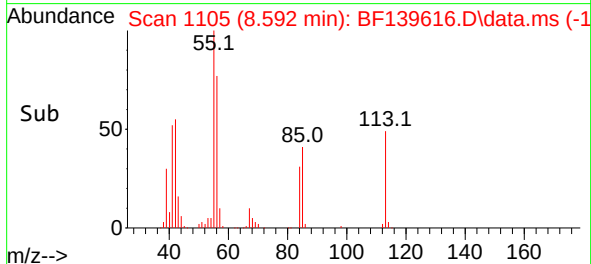
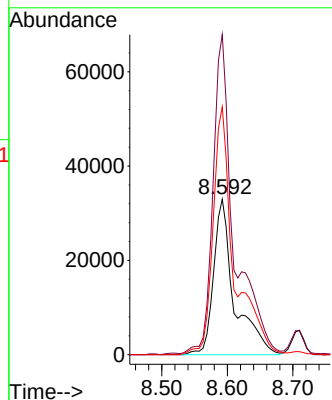
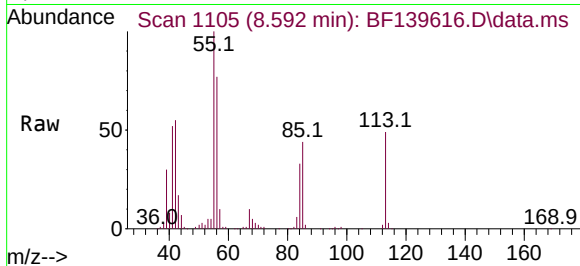




#35
 Caprolactam
 Concen: 48.538 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139616.D
 Acq: 02 Oct 2024 19:42

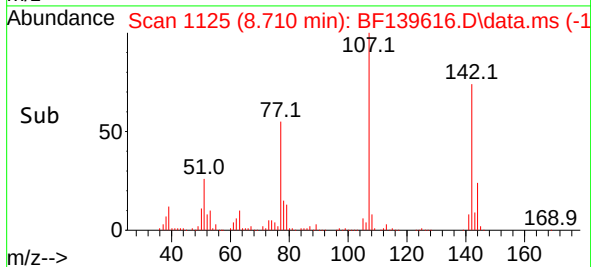
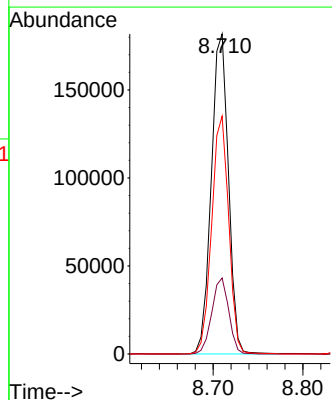
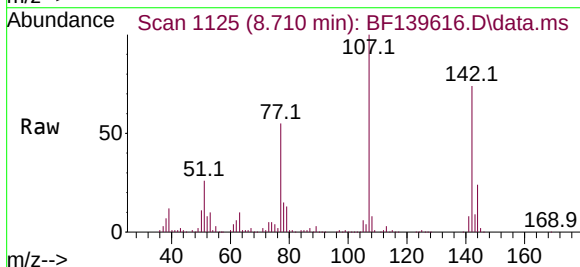
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

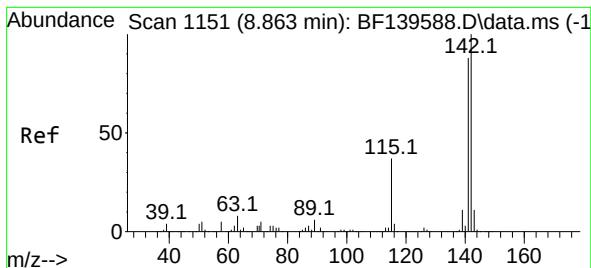
Tgt Ion:113 Resp: 72730
 Ion Ratio Lower Upper
 113 100
 55 205.7 193.4 233.4
 56 159.4 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.672 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139616.D
 Acq: 02 Oct 2024 19:42

Tgt Ion:107 Resp: 241361
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.0 28.6
 142 74.3 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.725 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

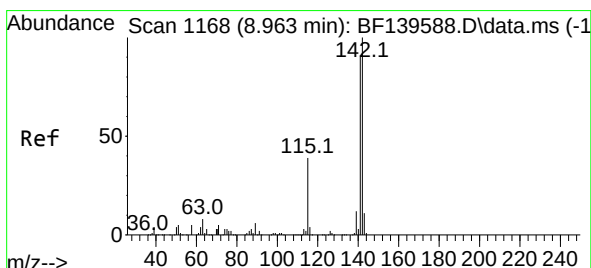
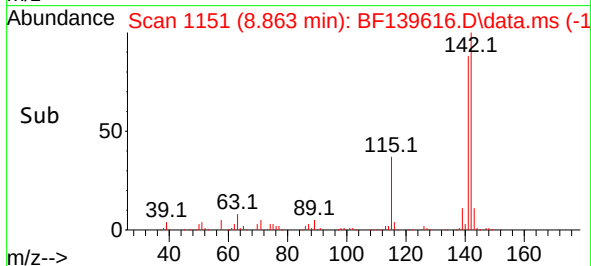
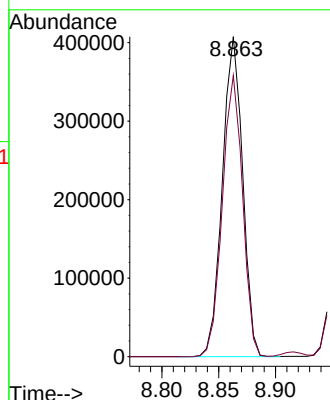
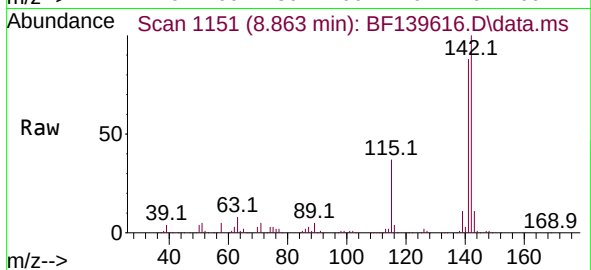
TP-5MSD

Tgt Ion:142 Resp: 506301

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 43.744 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139616.D

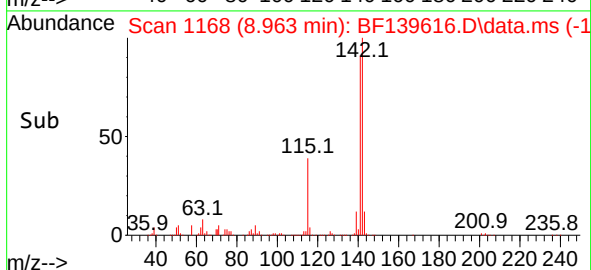
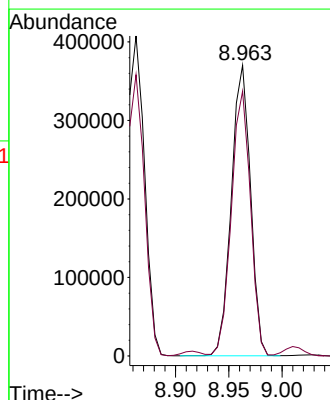
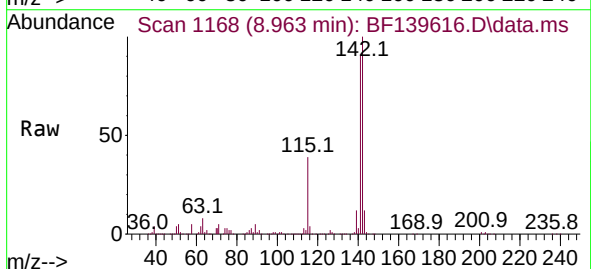
Acq: 02 Oct 2024 19:42

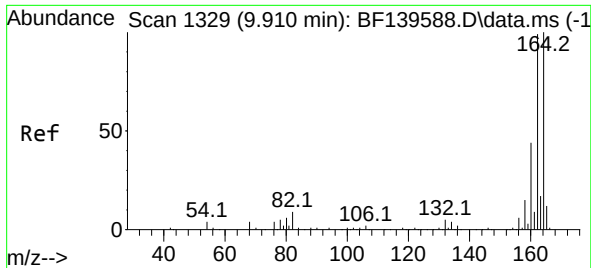
Tgt Ion:142 Resp: 463316

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

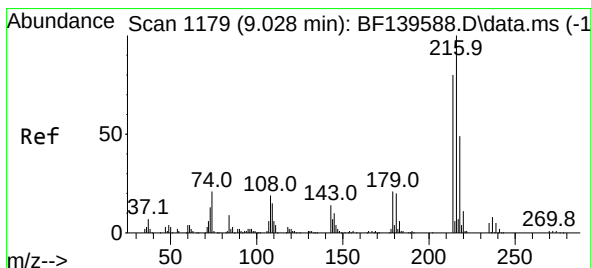
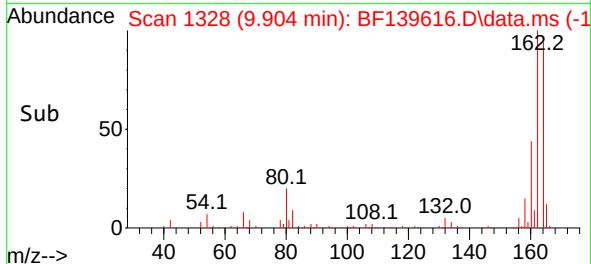
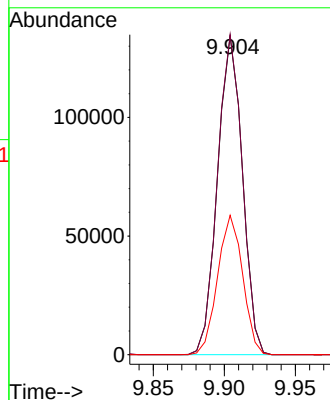
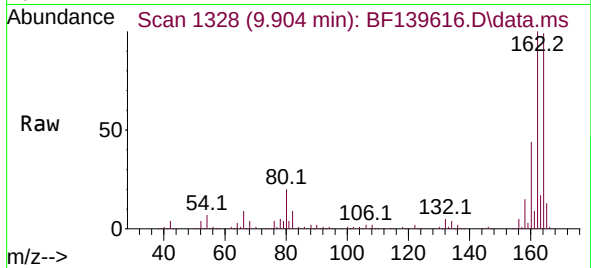
Tgt Ion:164 Resp: 163866

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.0

160 43.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.616 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Tgt Ion:216 Resp: 234868

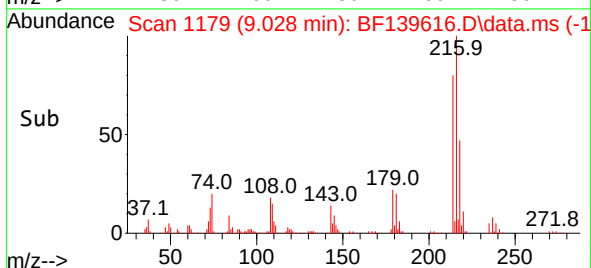
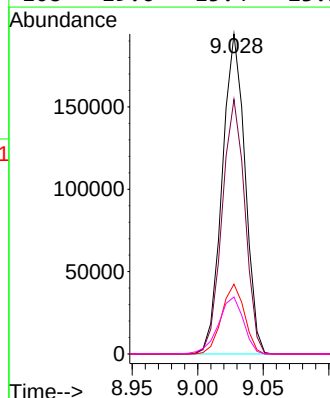
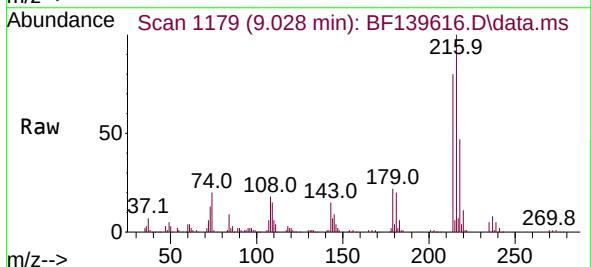
Ion Ratio Lower Upper

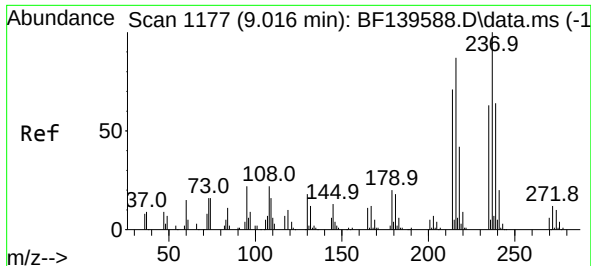
216 100

214 79.4 63.7 95.5

179 21.7 16.9 25.3

108 19.6 15.4 23.2

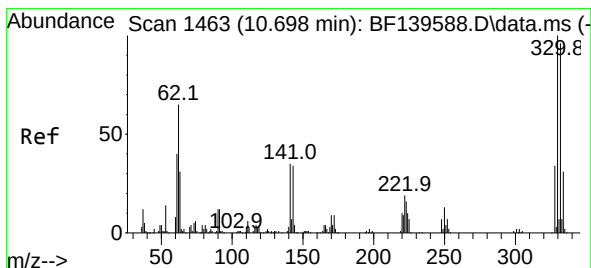
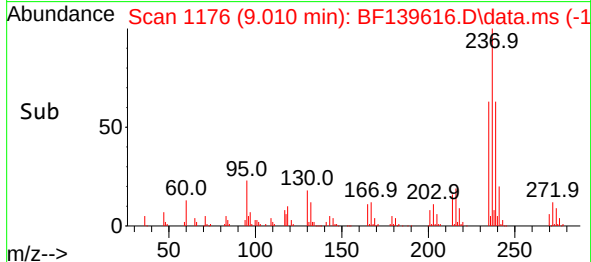
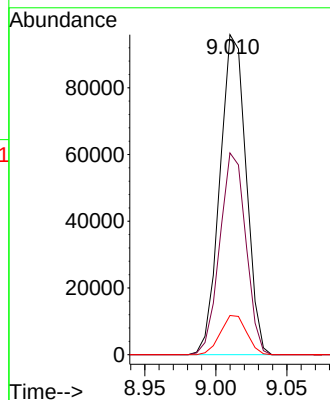
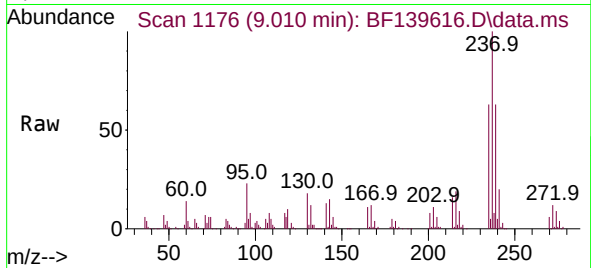




#41
Hexachlorocyclopentadiene
Concen: 88.328 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

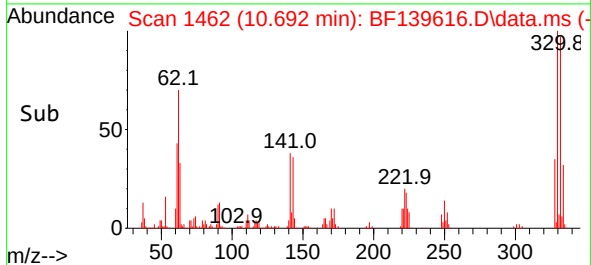
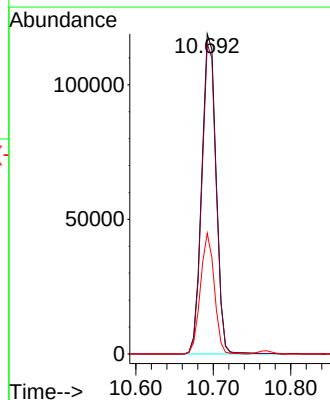
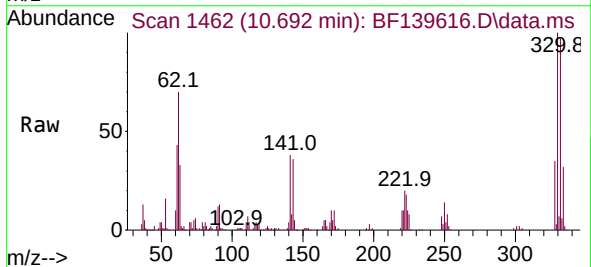
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

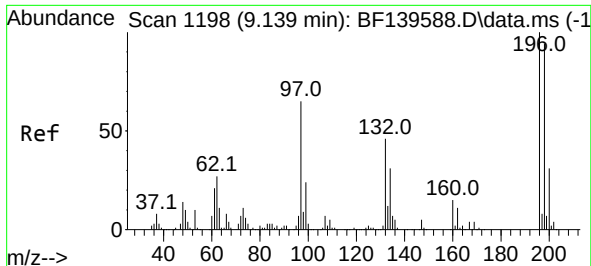
Tgt Ion:237 Resp: 123239
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 12.3 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 96.702 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:330 Resp: 152969
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.3 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 51.163 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

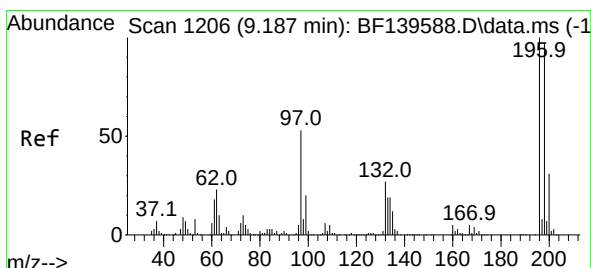
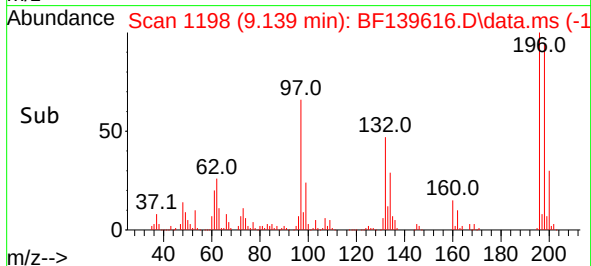
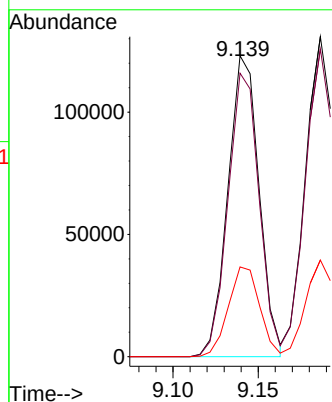
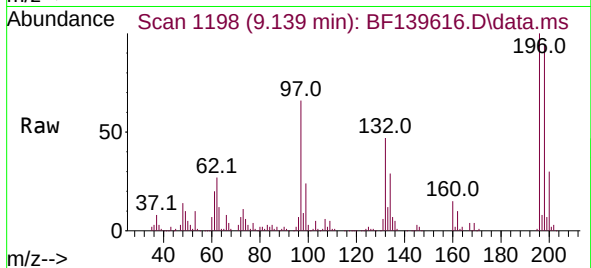
Tgt Ion:196 Resp: 156942

Ion Ratio Lower Upper

196 100

198 94.2 75.2 112.8

200 29.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 48.514 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Tgt Ion:196 Resp: 160487

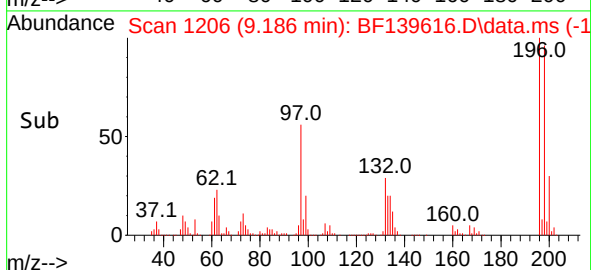
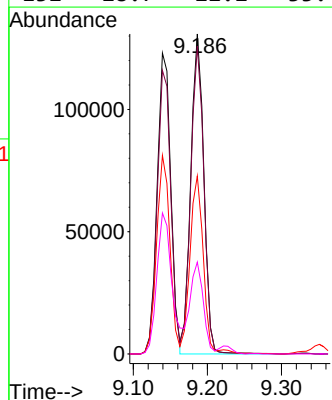
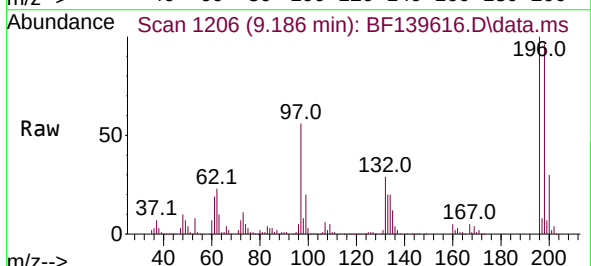
Ion Ratio Lower Upper

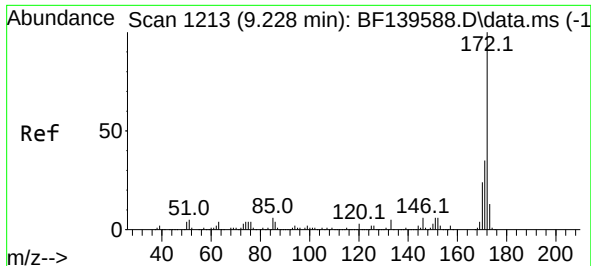
196 100

198 96.2 77.5 116.3

97 55.6 43.1 64.7

132 28.7 22.2 33.4

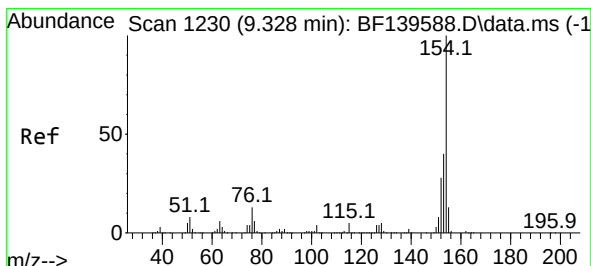
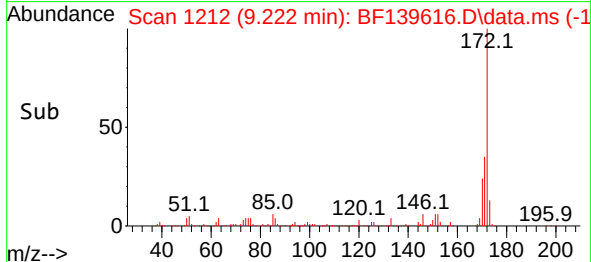
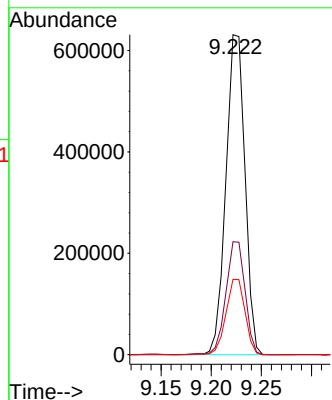
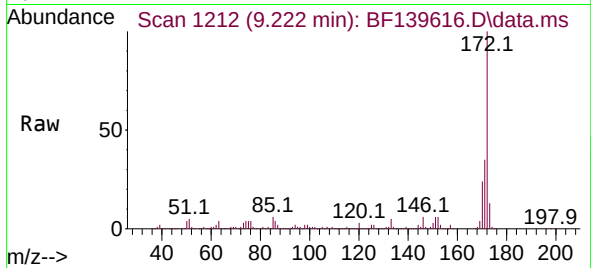




#45
2-Fluorobiphenyl
Concen: 78.117 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

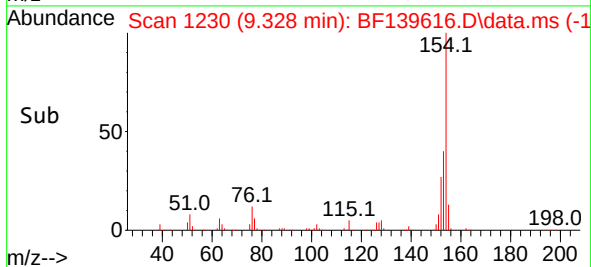
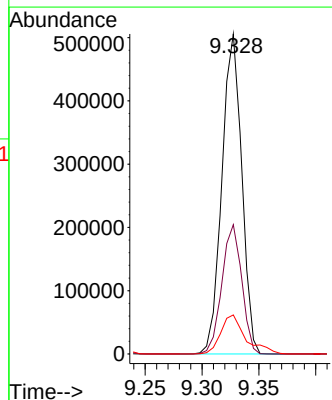
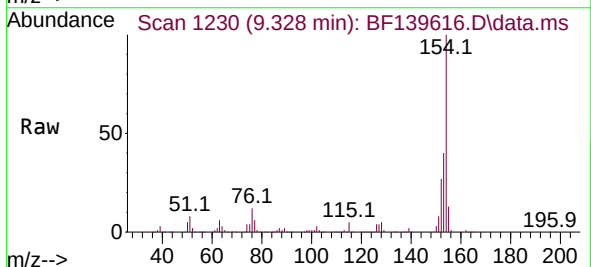
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

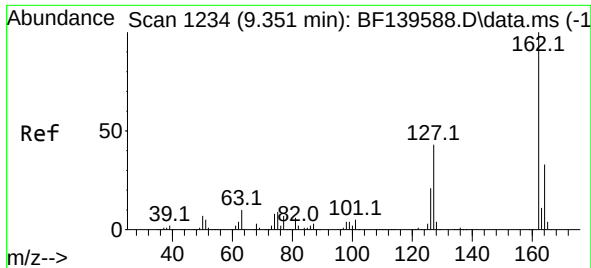
Tgt Ion:172 Resp: 833826
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 50.421 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:154 Resp: 614528
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.2 0.0 32.6





#47

2-Chloronaphthalene

Concen: 49.567 ng

RT: 9.351 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

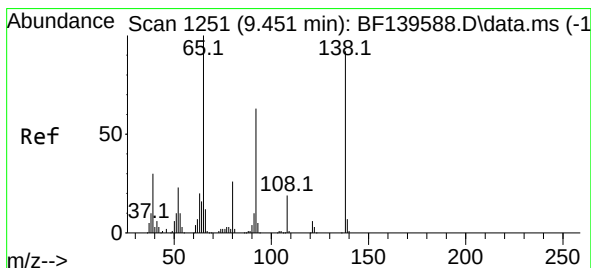
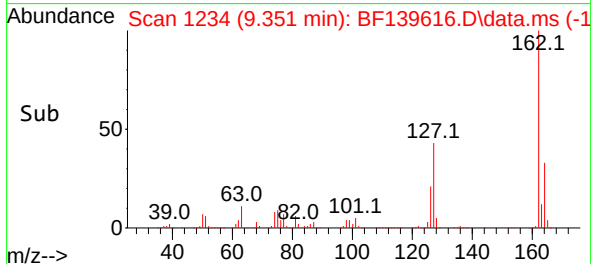
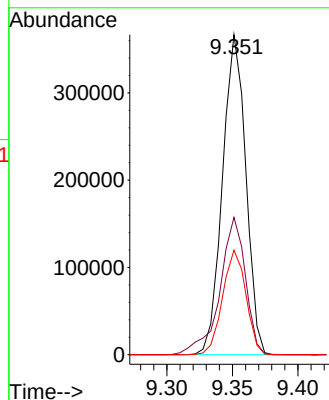
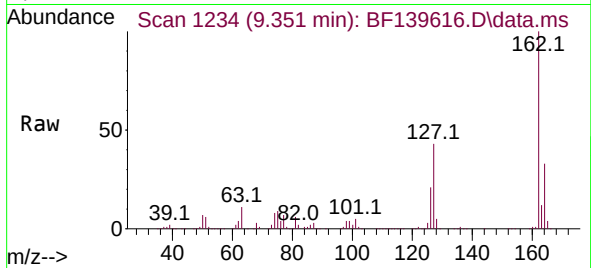
Tgt Ion:162 Resp: 452884

Ion Ratio Lower Upper

162 100

127 42.9 35.0 52.4

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 51.566 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

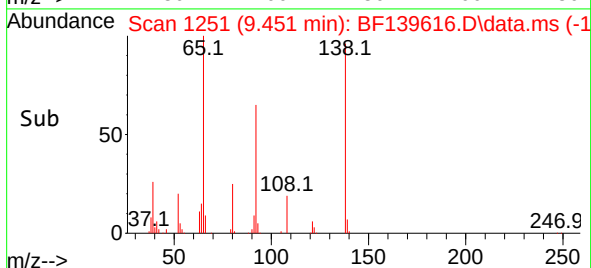
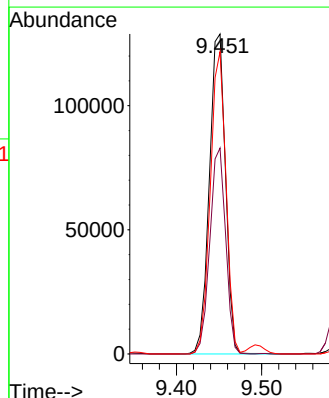
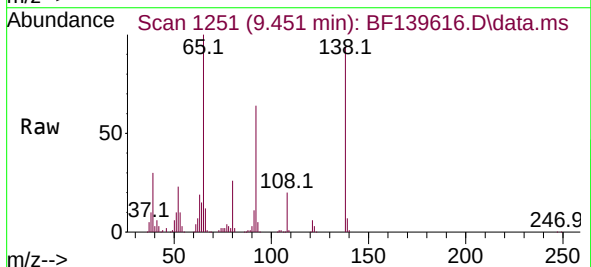
Tgt Ion: 65 Resp: 169131

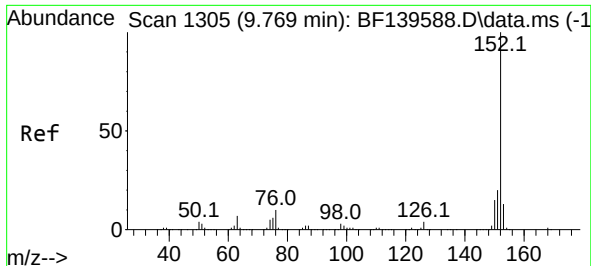
Ion Ratio Lower Upper

65 100

92 64.3 50.0 75.0

138 94.4 73.8 110.8





#49

Acenaphthylene

Concen: 52.025 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

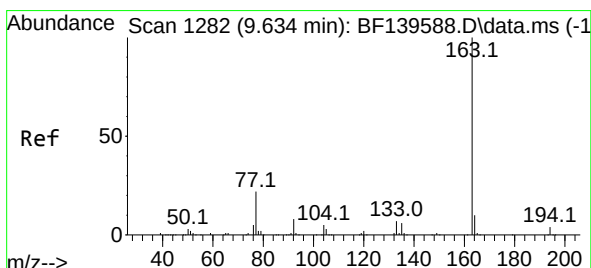
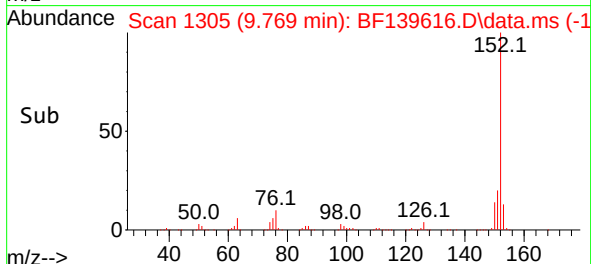
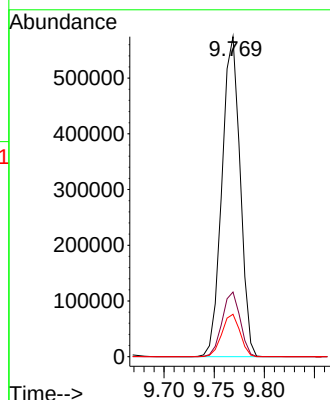
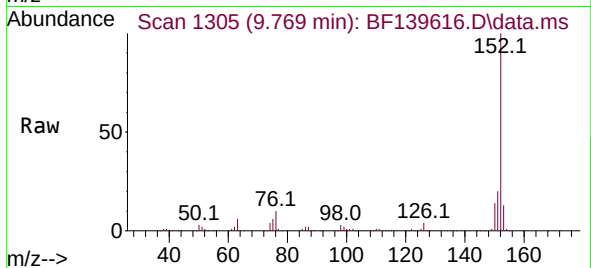
Tgt Ion:152 Resp: 722895

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 51.643 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

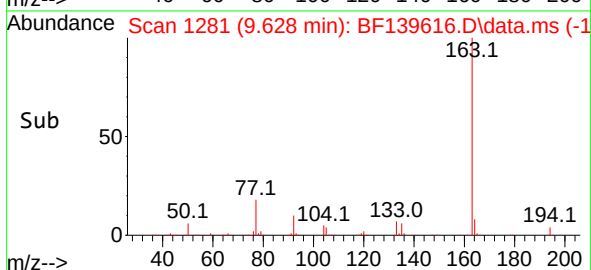
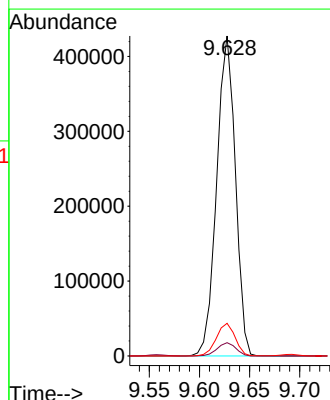
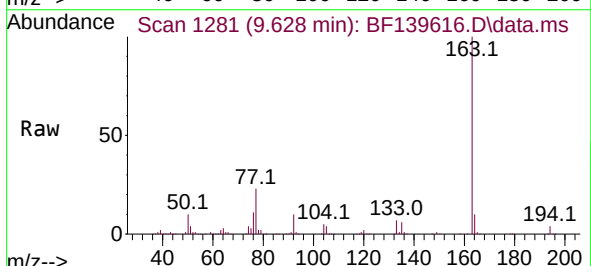
Tgt Ion:163 Resp: 553963

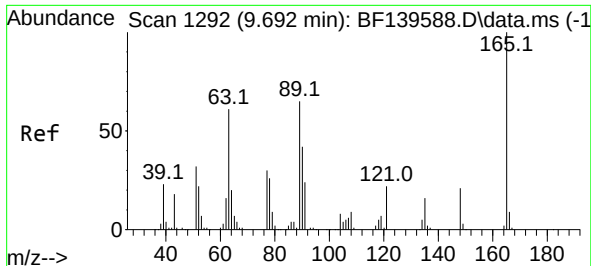
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.1 12.1

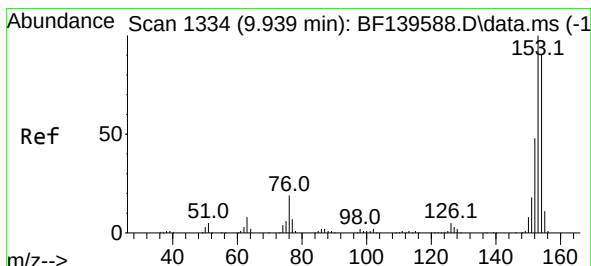
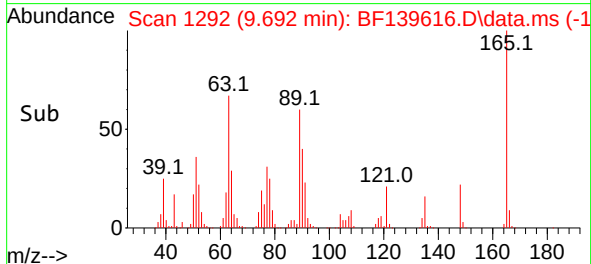
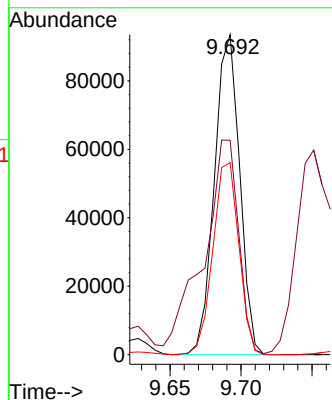
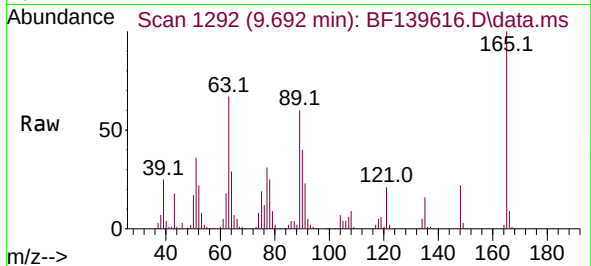




#51
2,6-Dinitrotoluene
Concen: 47.690 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

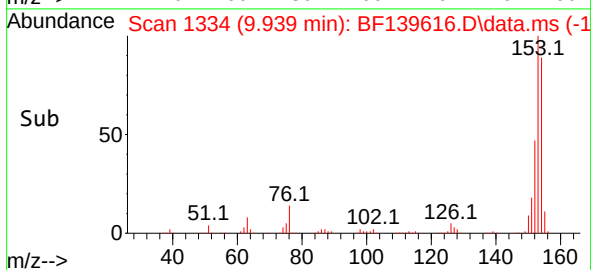
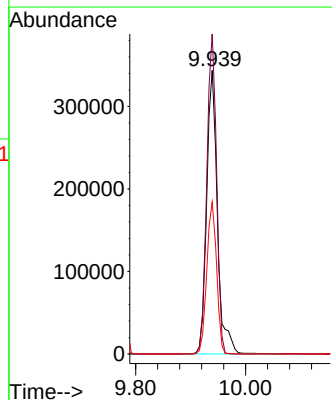
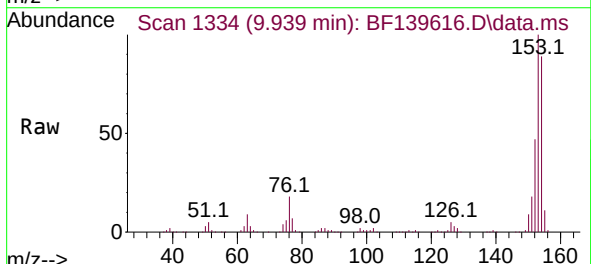
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

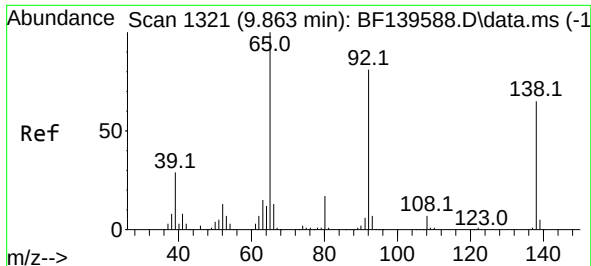
Tgt Ion:165 Resp: 115561
Ion Ratio Lower Upper
165 100
63 67.0 56.7 85.1
89 60.1 51.6 77.4



#52
Acenaphthene
Concen: 48.663 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:154 Resp: 464196
Ion Ratio Lower Upper
154 100
153 112.9 88.8 133.2
152 53.6 42.5 63.7

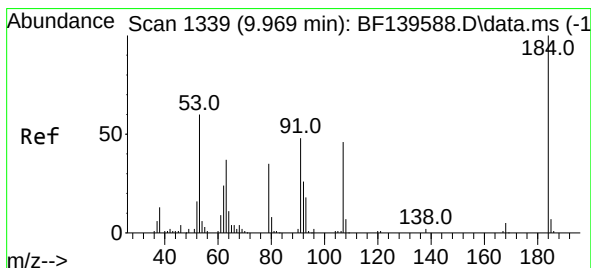
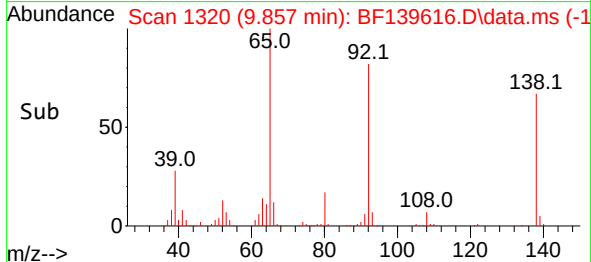
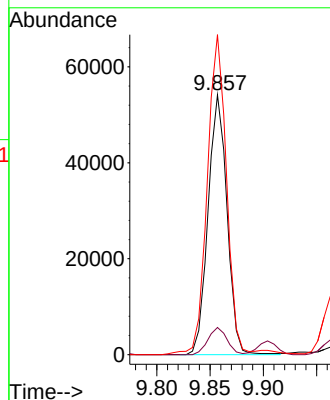
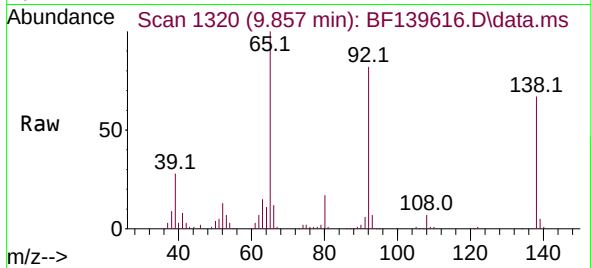




#53
3-Nitroaniline
Concen: 27.190 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

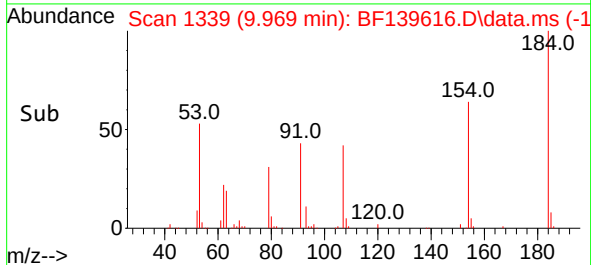
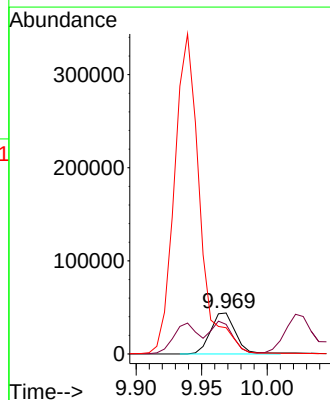
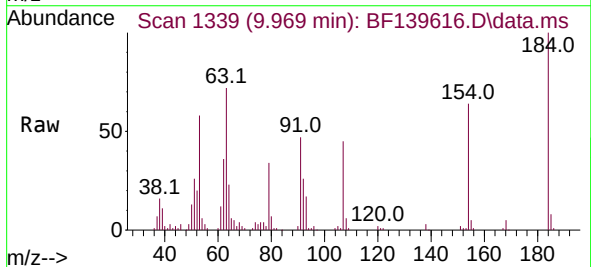
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

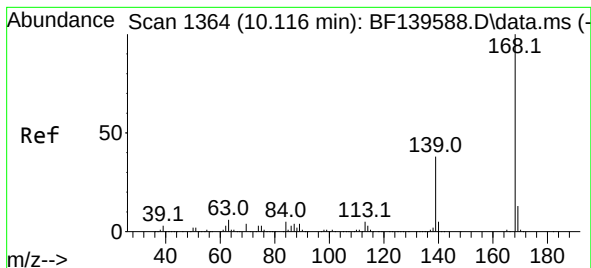
Tgt Ion:138 Resp: 67330
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 123.1 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 44.981 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:184 Resp: 58624
Ion Ratio Lower Upper
184 100
63 72.1 61.7 92.5
154 64.1 53.0 79.4





#55

Dibenzenofuran

Concen: 48.157 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

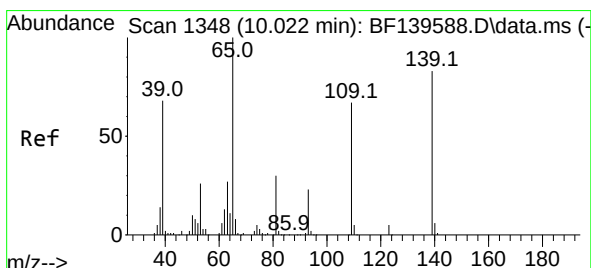
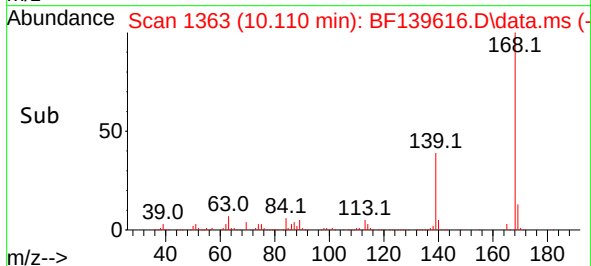
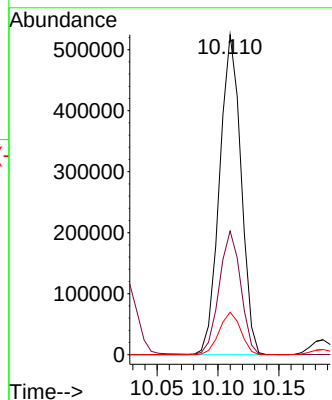
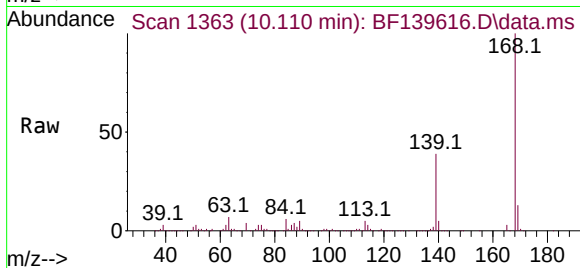
Tgt Ion:168 Resp: 643185

Ion Ratio Lower Upper

168 100

139 38.6 30.4 45.6

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 86.753 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

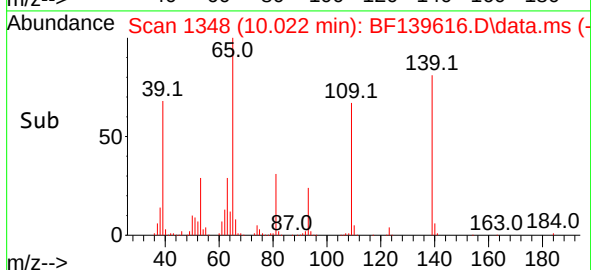
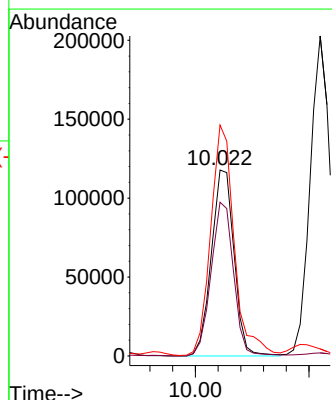
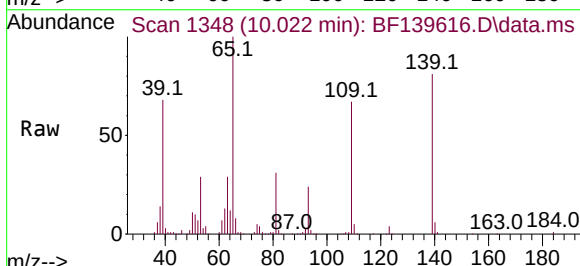
Tgt Ion:139 Resp: 163820

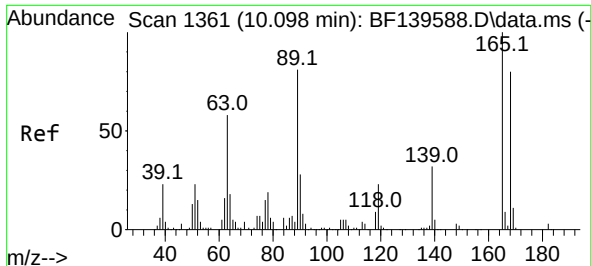
Ion Ratio Lower Upper

139 100

109 82.7 60.3 100.3

65 124.2 100.8 140.8

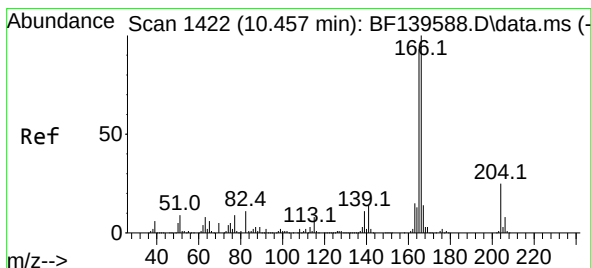
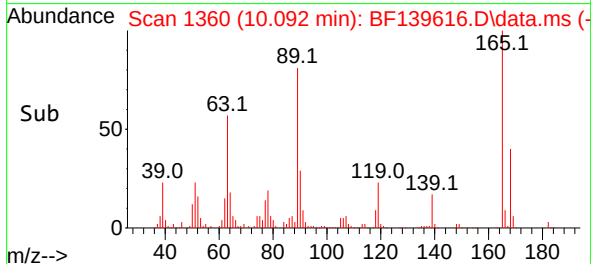
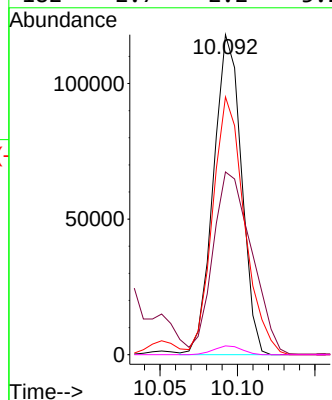
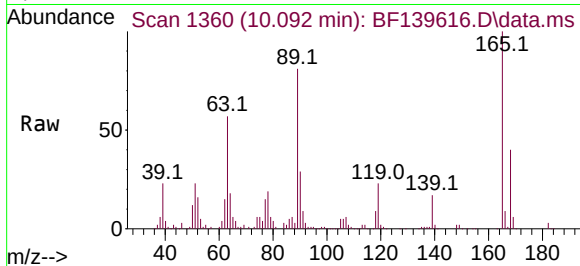




#57
2,4-Dinitrotoluene
Concen: 46.768 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

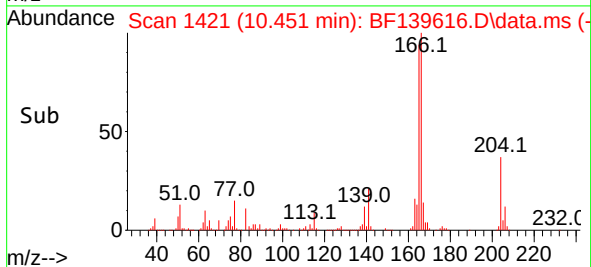
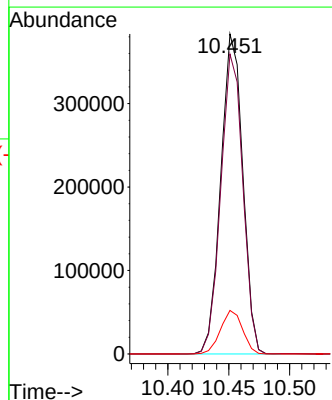
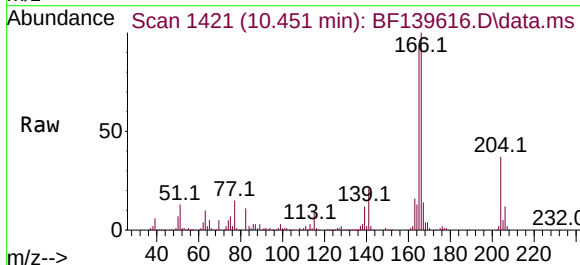
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

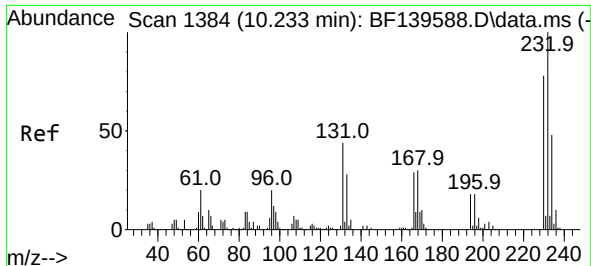
Tgt Ion:165 Resp: 148130
Ion Ratio Lower Upper
165 100
63 57.1 46.9 70.3
89 80.6 64.4 96.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.286 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:166 Resp: 481740
Ion Ratio Lower Upper
166 100
165 93.7 74.4 111.6
167 13.6 10.9 16.3

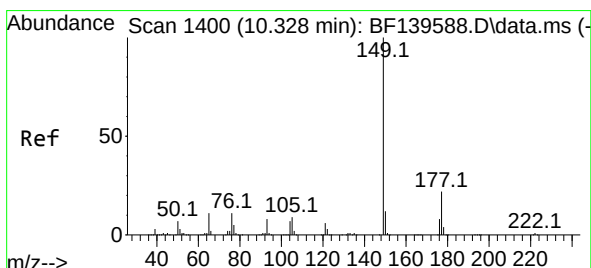
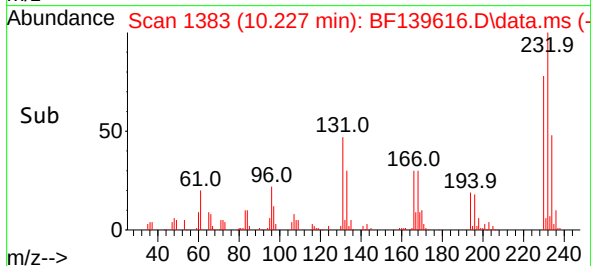
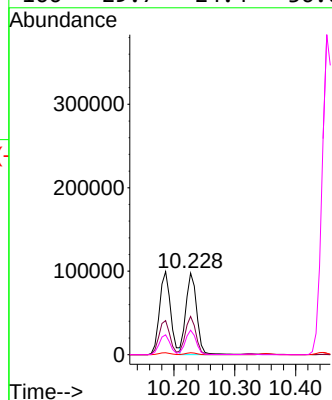
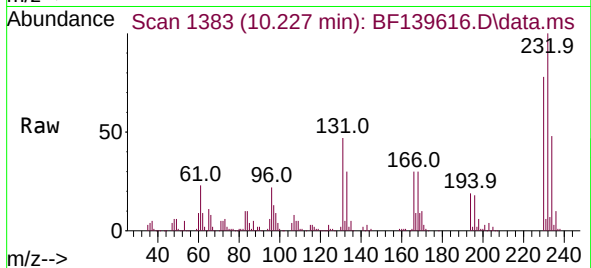




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.043 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

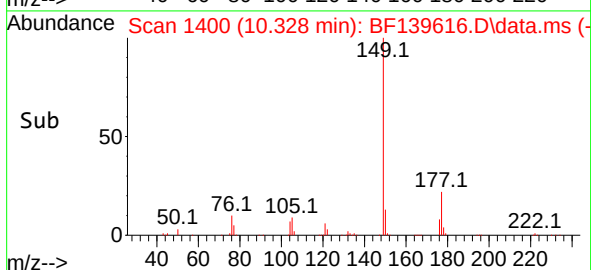
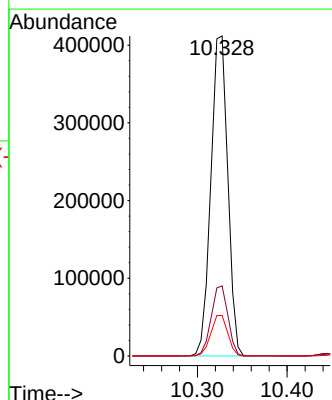
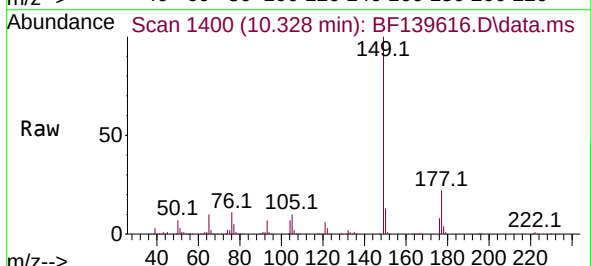
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

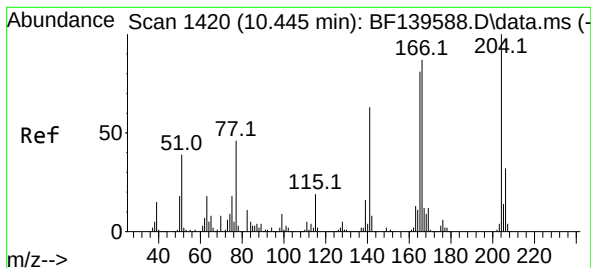
Tgt Ion:232 Resp: 120347
Ion Ratio Lower Upper
232 100
131 46.0 37.8 56.6
130 2.4 1.9 2.9
166 29.7 24.4 36.6



#60
Diethylphthalate
Concen: 48.655 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:149 Resp: 539075
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.7 10.0 15.0

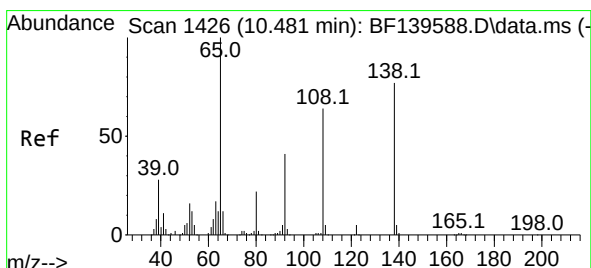
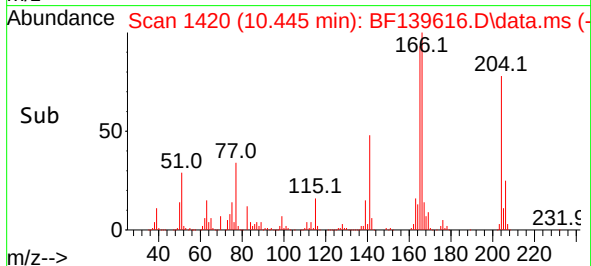
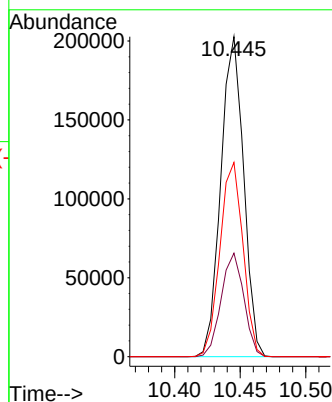
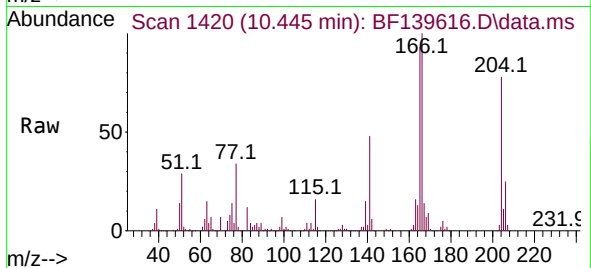




#61
4-Chlorophenyl-phenylether
Concen: 46.036 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

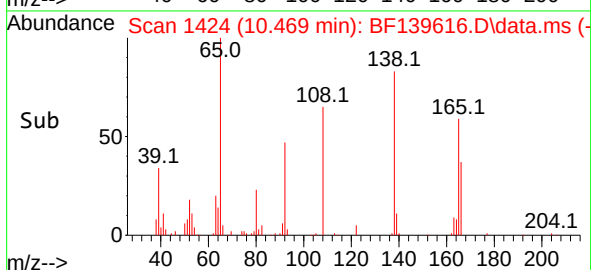
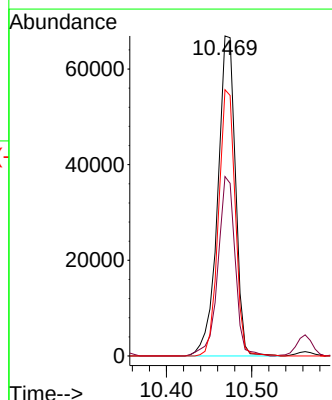
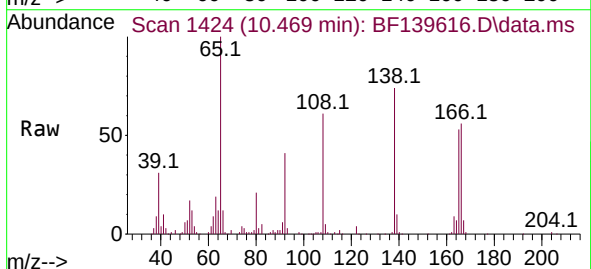
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

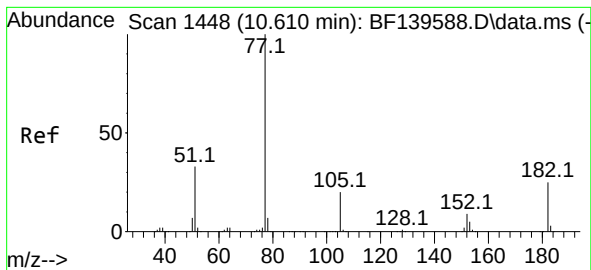
Tgt Ion:204 Resp: 245002
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 60.7 50.5 75.7



#62
4-Nitroaniline
Concen: 38.278 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:138 Resp: 96953
Ion Ratio Lower Upper
138 100
92 56.1 33.3 73.3
108 83.2 62.1 102.1





#63

Azobenzene

Concen: 51.533 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion: 77 Resp: 574192

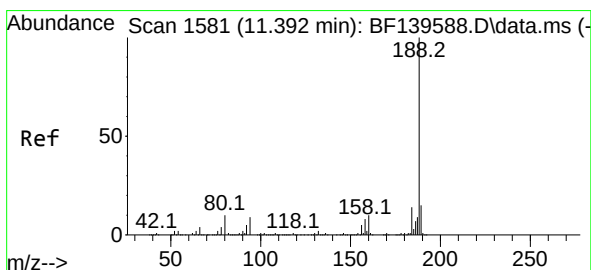
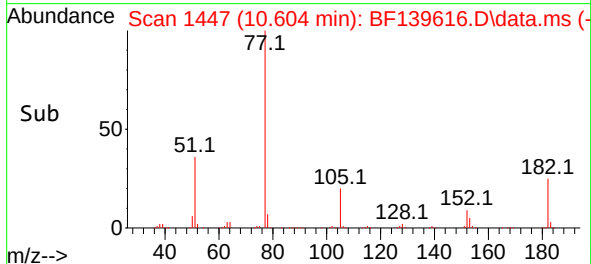
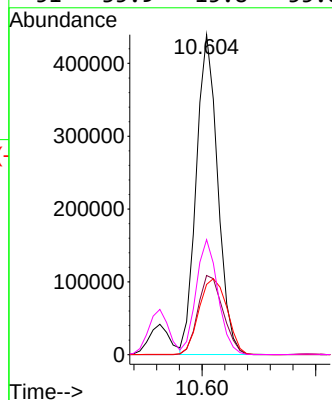
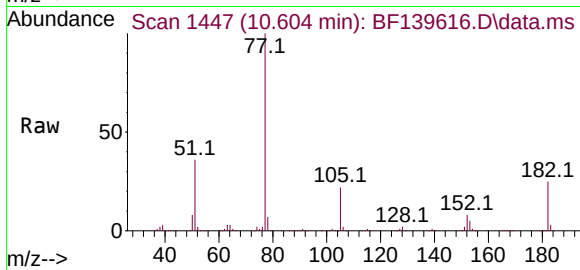
Ion Ratio Lower Upper

77 100

182 24.7 4.2 44.2

105 22.0 0.0 39.6

51 35.9 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

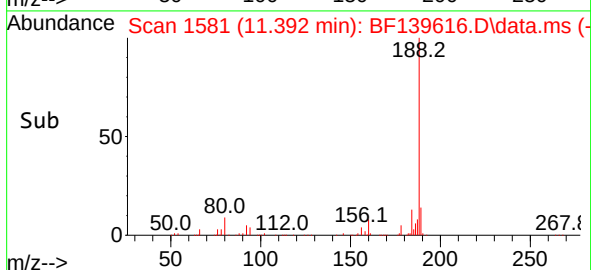
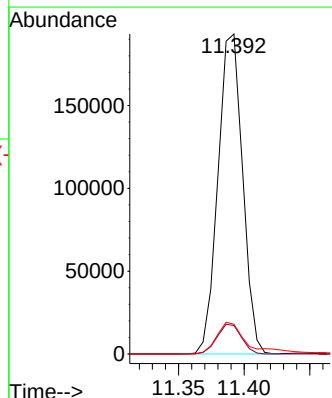
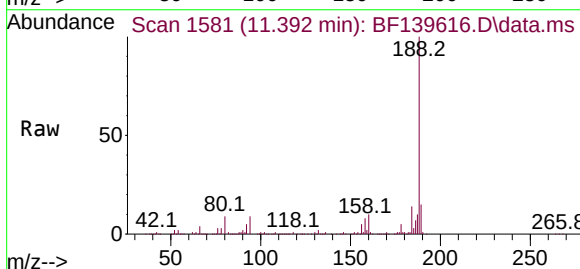
Tgt Ion:188 Resp: 252396

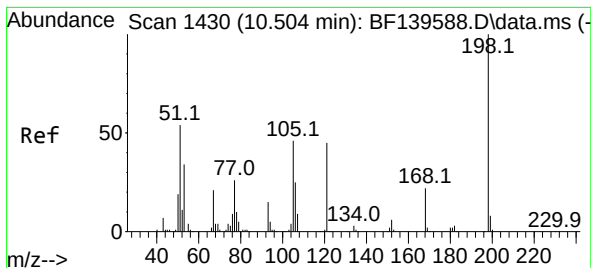
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.3 8.2 12.2

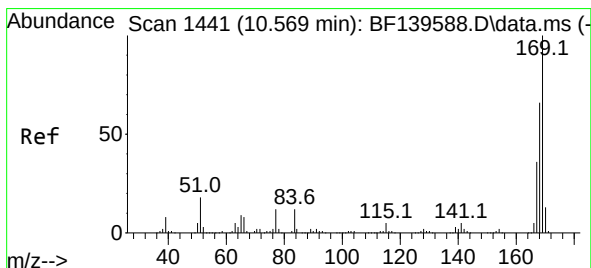
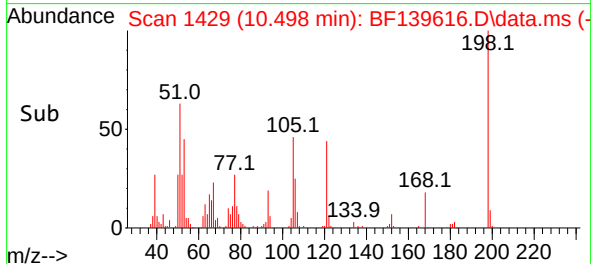
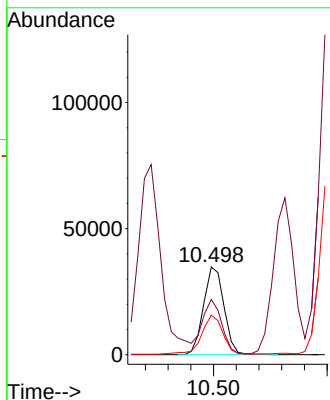
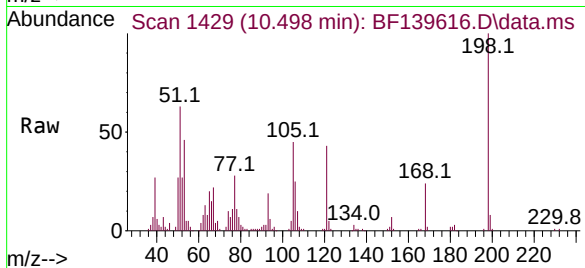




#65
4,6-Dinitro-2-methylphenol
Concen: 30.477 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

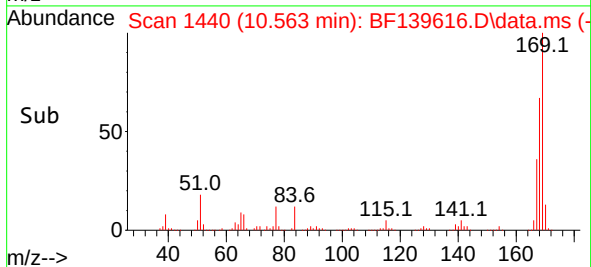
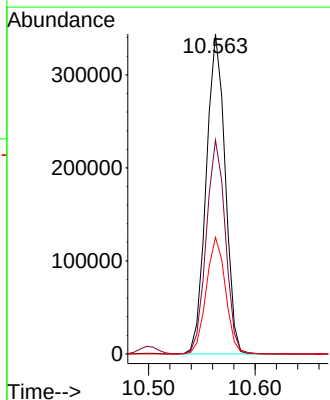
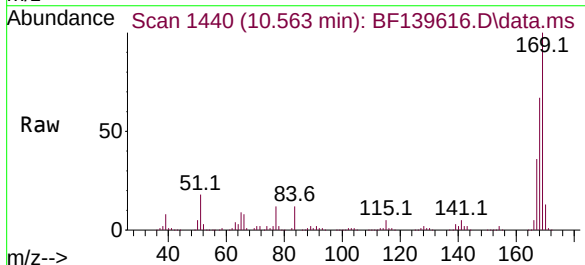
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

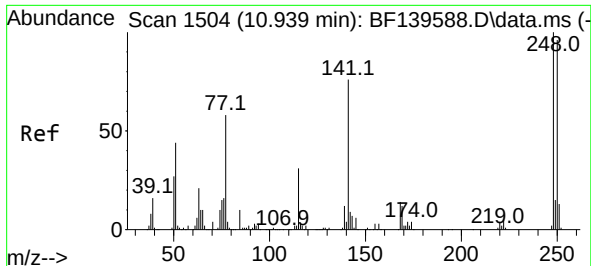
Tgt Ion:198 Resp: 43445
Ion Ratio Lower Upper
198 100
51 62.9 43.0 83.0
105 45.1 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 57.035 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:169 Resp: 424325
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.5 28.6 43.0

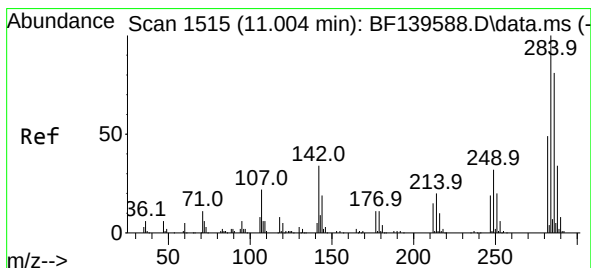
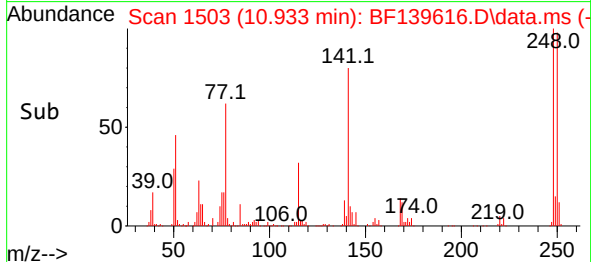
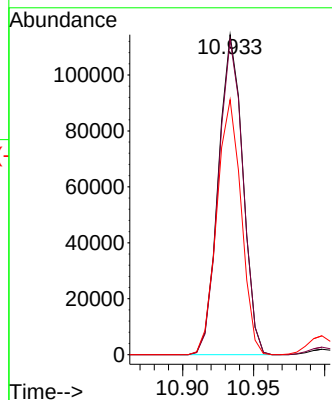
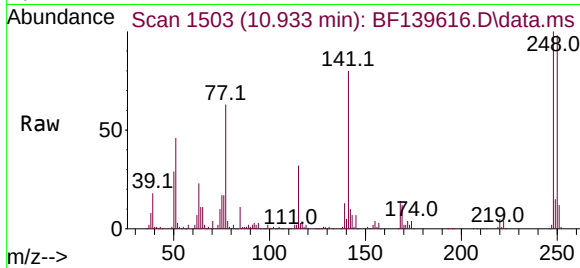




#67
4-Bromophenyl-phenylether
Concen: 52.920 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

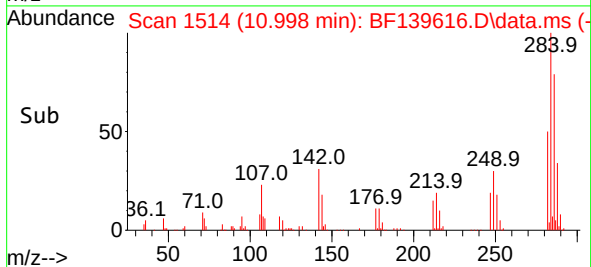
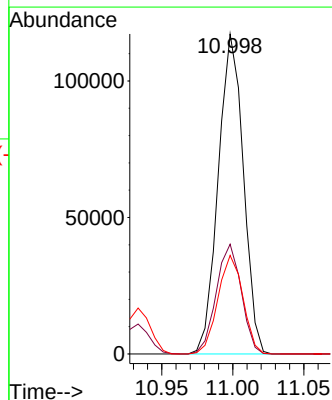
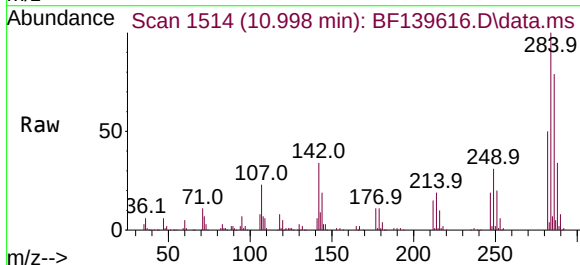
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

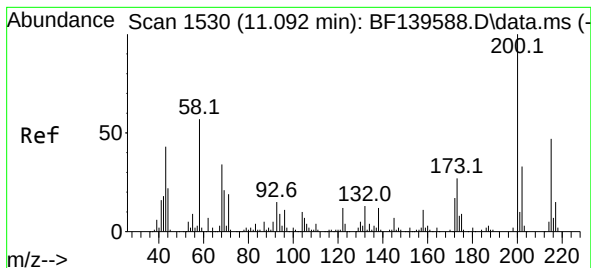
Tgt Ion:248 Resp: 136948
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 79.7 60.4 90.6



#68
Hexachlorobenzene
Concen: 50.131 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:284 Resp: 143954
Ion Ratio Lower Upper
284 100
142 34.3 26.9 40.3
249 30.8 25.4 38.0





#69

Atrazine

Concen: 65.040 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

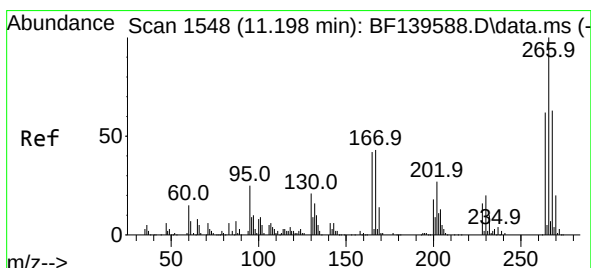
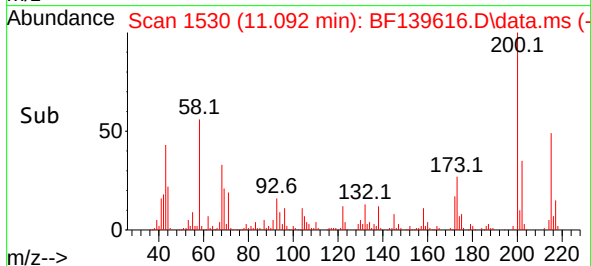
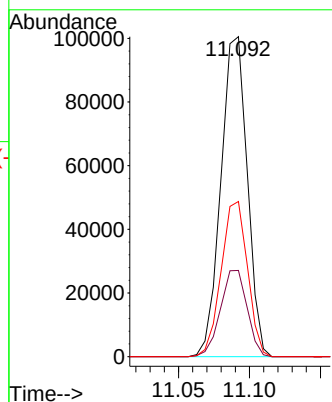
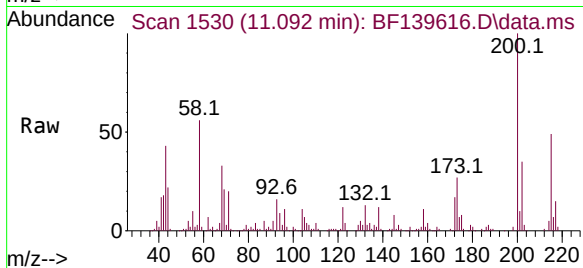
Tgt Ion:200 Resp: 129826

Ion Ratio Lower Upper

200 100

173 27.0 6.7 46.7

215 48.5 27.5 67.5



#70

Pentachlorophenol

Concen: 86.311 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

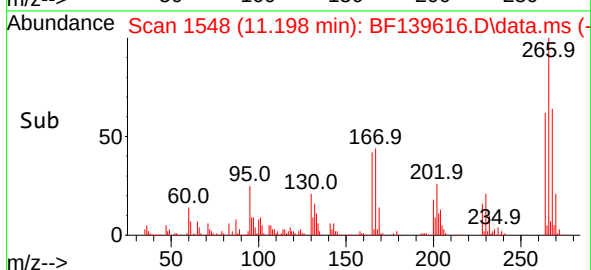
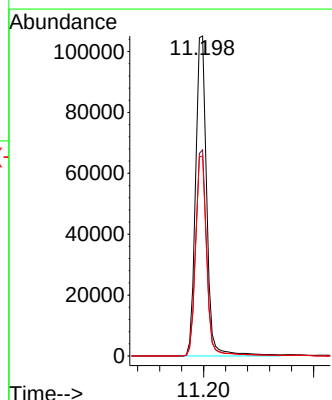
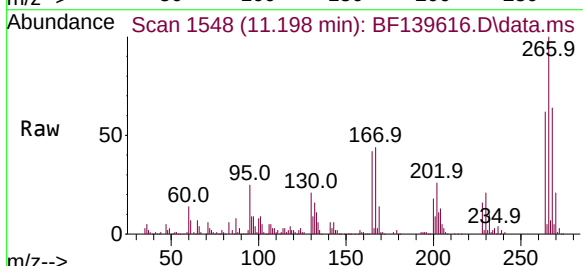
Tgt Ion:266 Resp: 147581

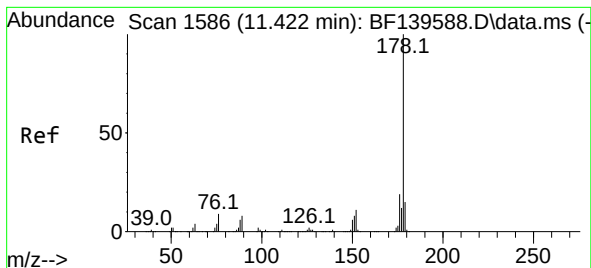
Ion Ratio Lower Upper

266 100

268 64.4 50.0 75.0

264 62.5 49.3 73.9





#71

Phenanthrene

Concen: 50.614 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

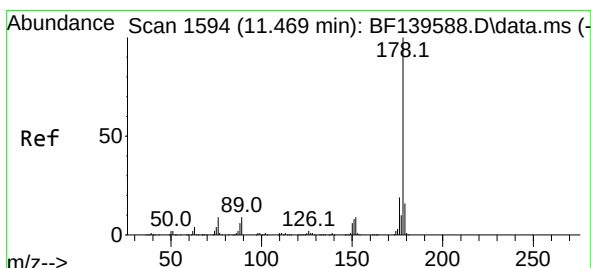
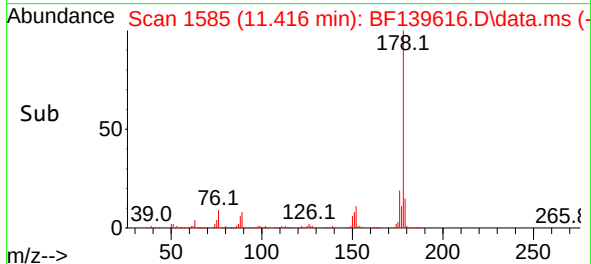
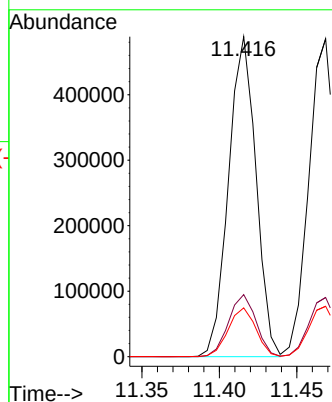
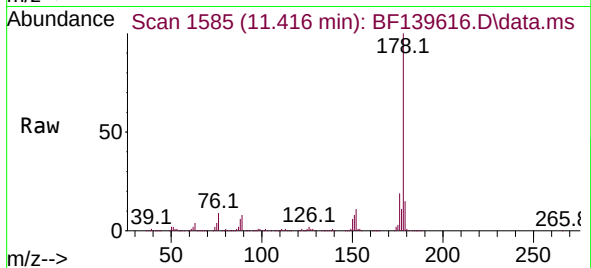
Tgt Ion:178 Resp: 602340

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.2 12.3 18.5



#72

Anthracene

Concen: 51.571 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

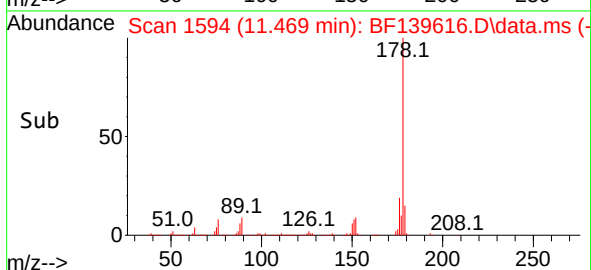
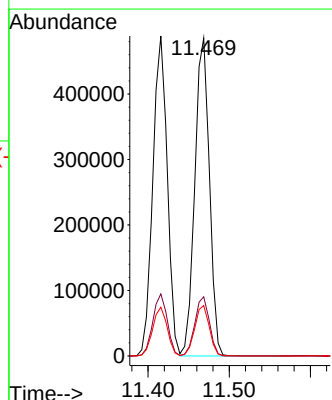
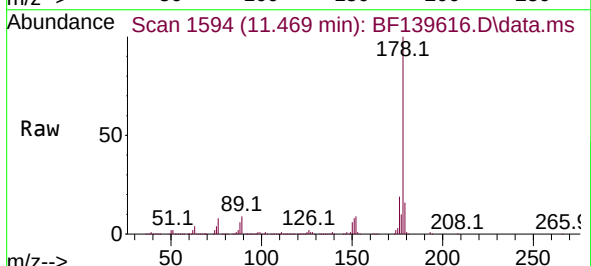
Tgt Ion:178 Resp: 607158

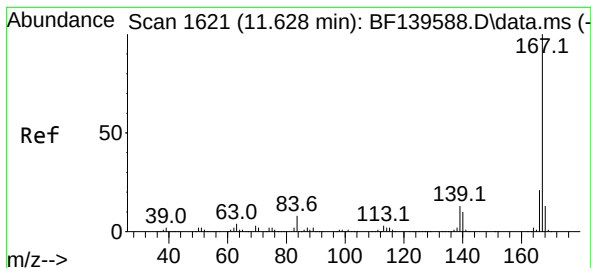
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.9 12.5 18.7





#73

Carbazole

Concen: 48.512 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139616.D

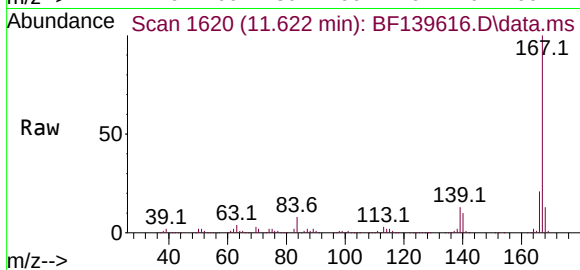
Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD



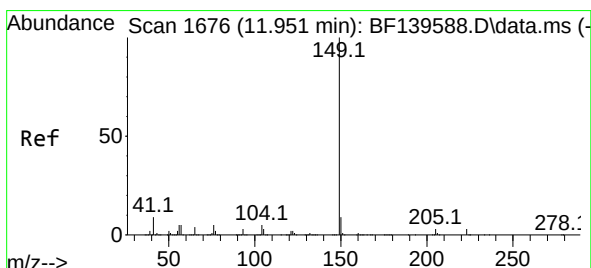
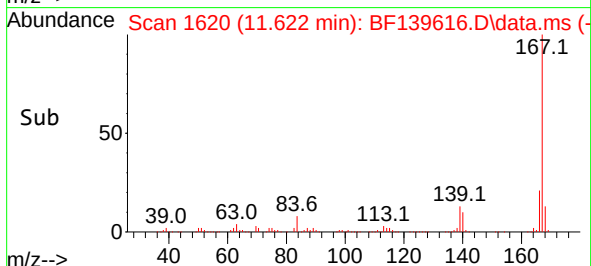
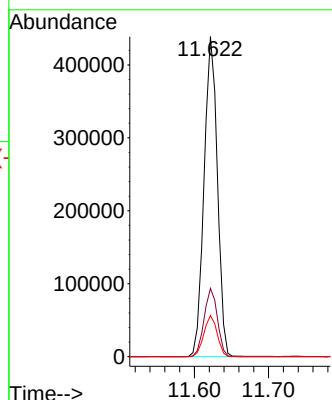
Tgt Ion:167 Resp: 548557

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 51.562 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

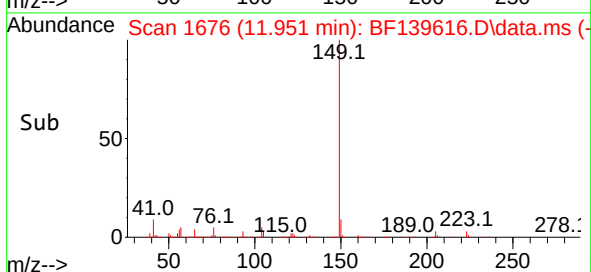
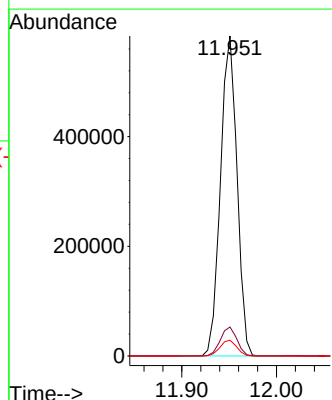
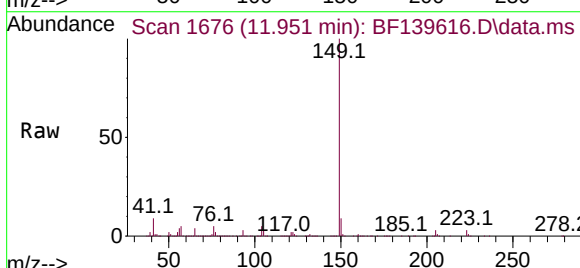
Tgt Ion:149 Resp: 709006

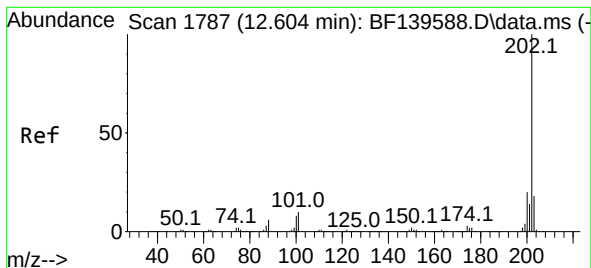
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 45.939 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

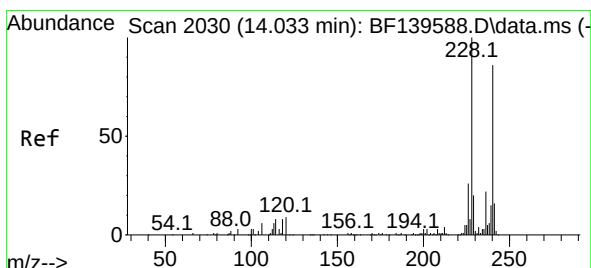
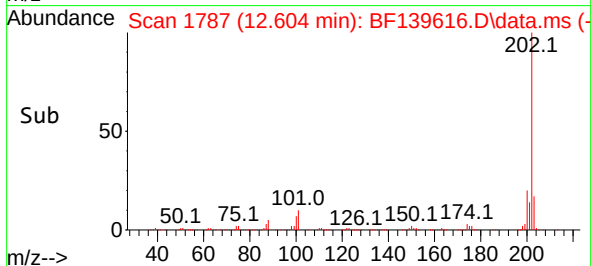
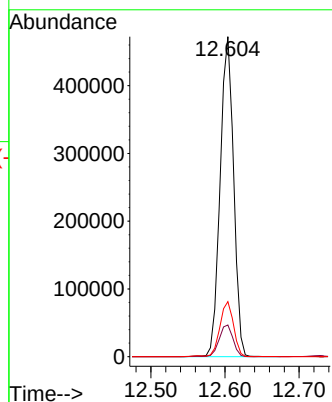
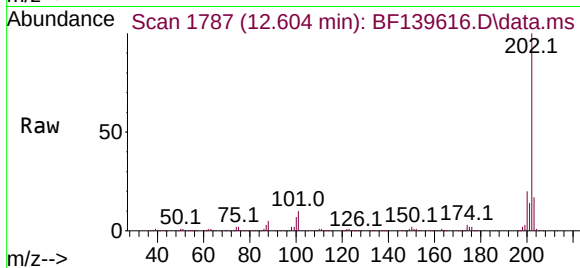
Tgt Ion:202 Resp: 597630

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.2 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

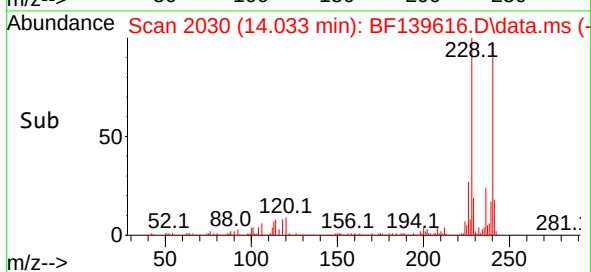
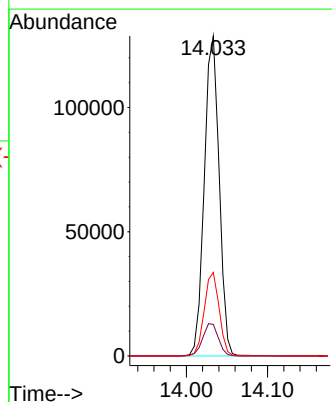
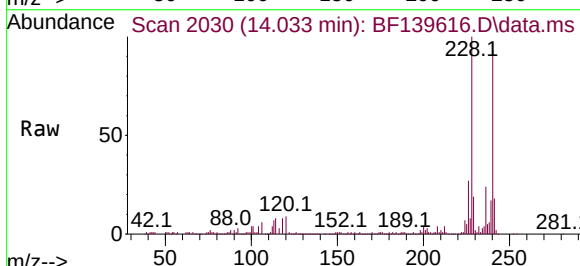
Tgt Ion:240 Resp: 163545

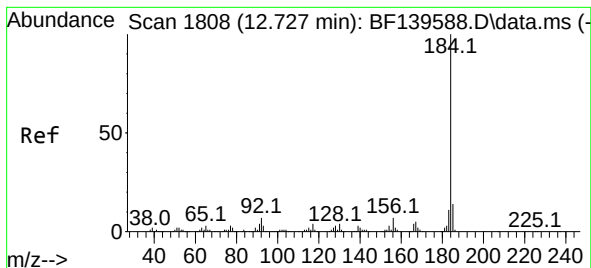
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 26.1 20.3 30.5





#77

Benzidine

Concen: 88.783 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

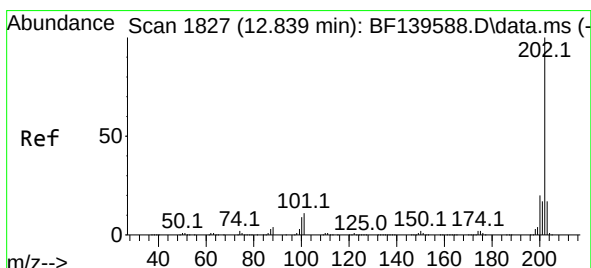
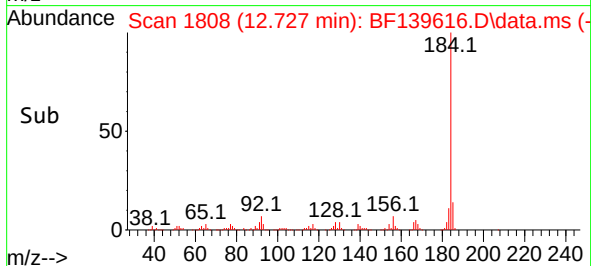
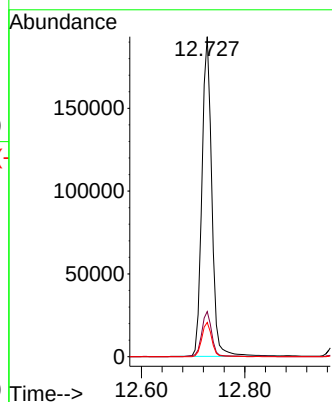
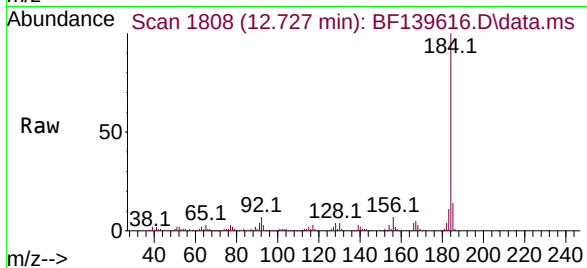
Tgt Ion:184 Resp: 256117

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 10.7 8.8 13.2



#78

Pyrene

Concen: 41.341 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

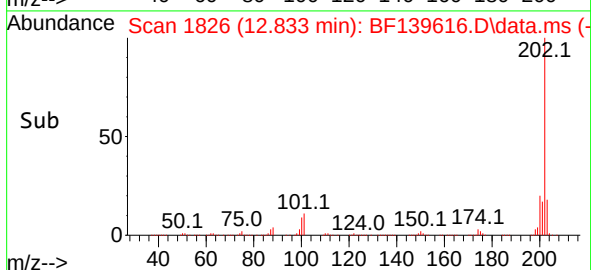
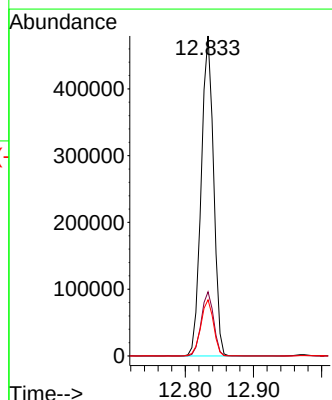
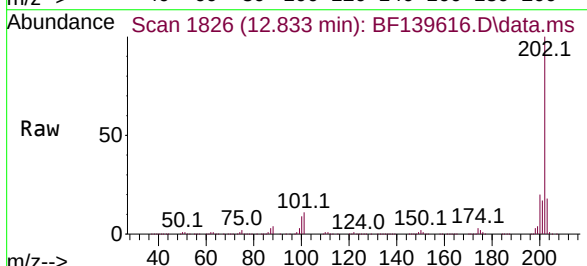
Tgt Ion:202 Resp: 604714

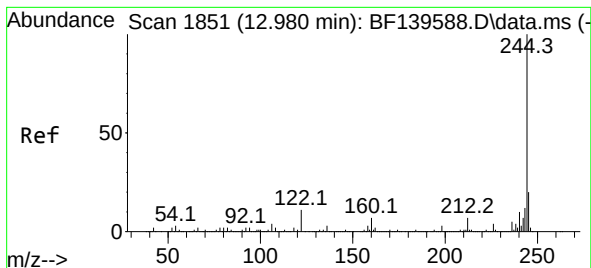
Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.6

203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 59.760 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

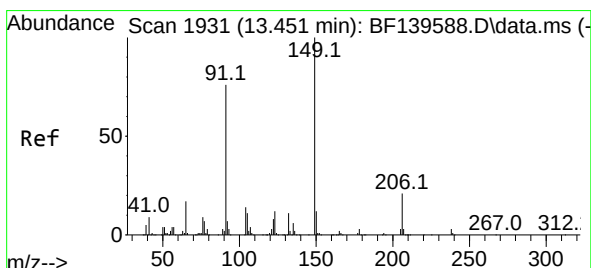
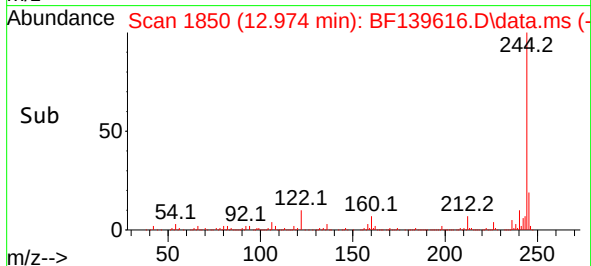
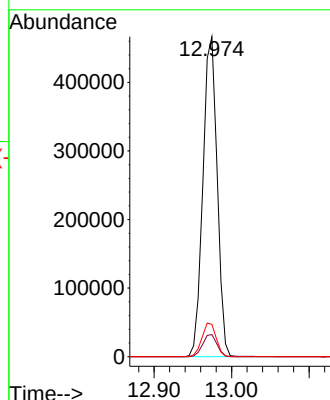
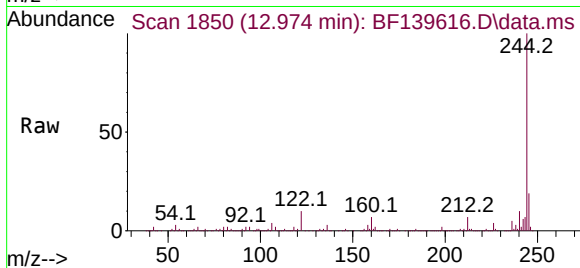
Tgt Ion:244 Resp: 595645

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 10.1 8.6 12.8



#80

Butylbenzylphthalate

Concen: 48.016 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

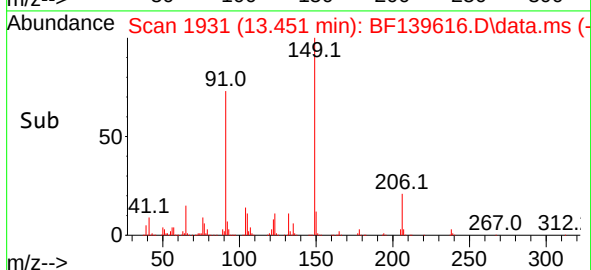
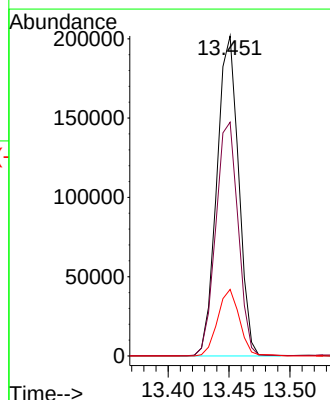
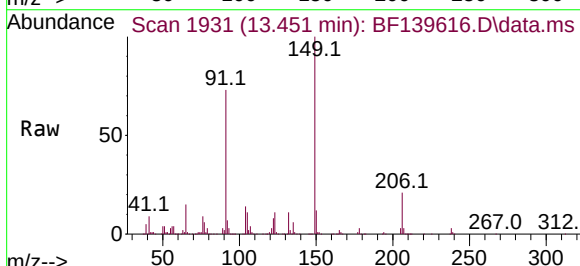
Tgt Ion:149 Resp: 251222

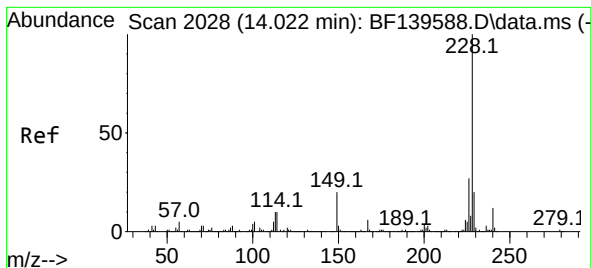
Ion Ratio Lower Upper

149 100

91 73.0 61.0 91.4

206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 50.550 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

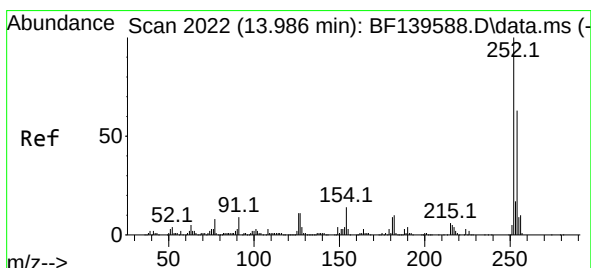
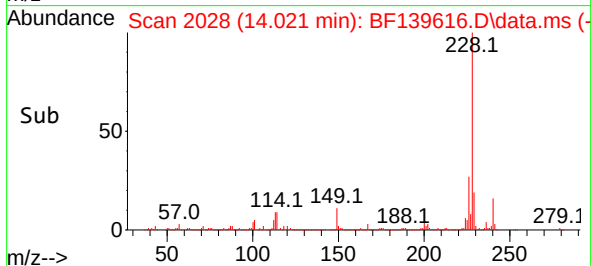
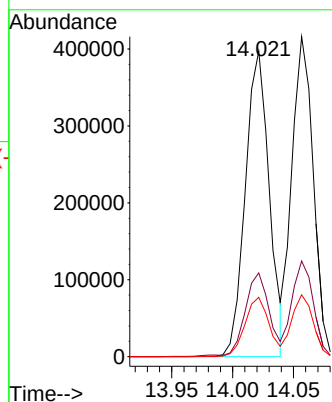
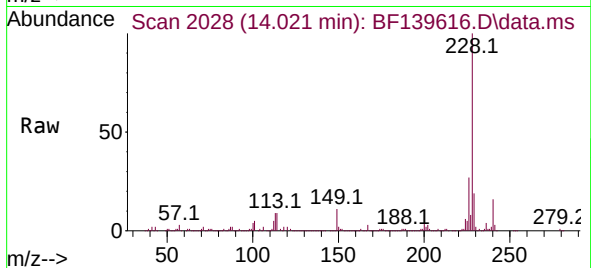
Tgt Ion:228 Resp: 543533

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.606 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

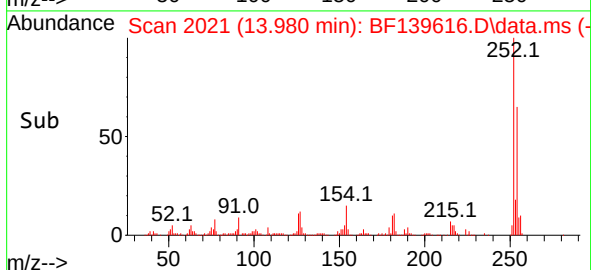
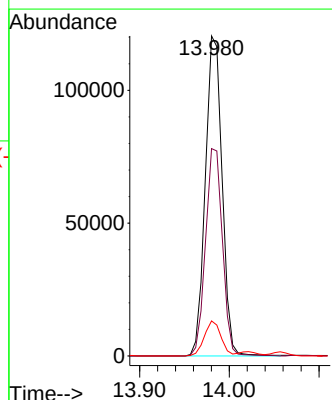
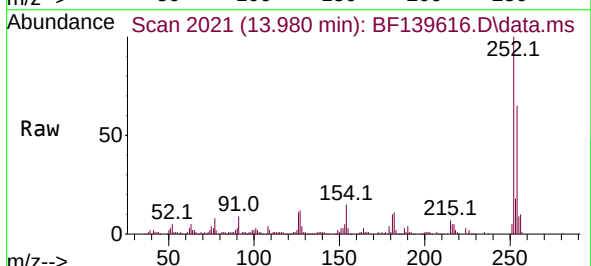
Tgt Ion:252 Resp: 156657

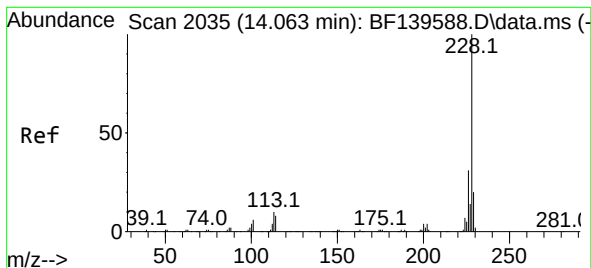
Ion Ratio Lower Upper

252 100

254 64.8 50.5 75.7

126 11.0 8.8 13.2





#83

Chrysene

Concen: 51.664 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

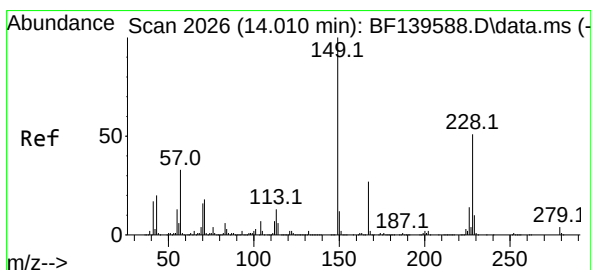
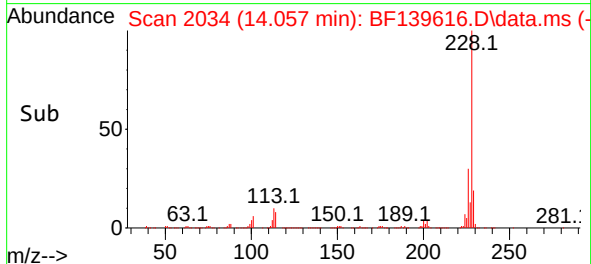
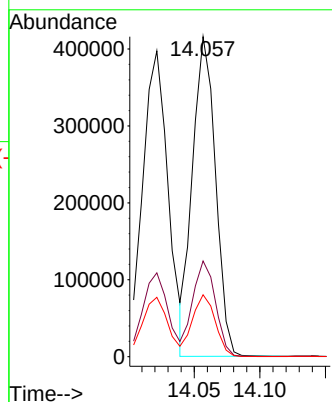
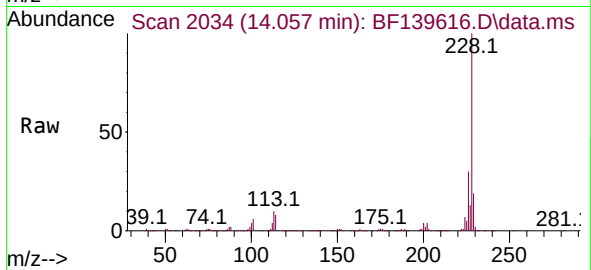
Tgt Ion:228 Resp: 507884

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.011 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

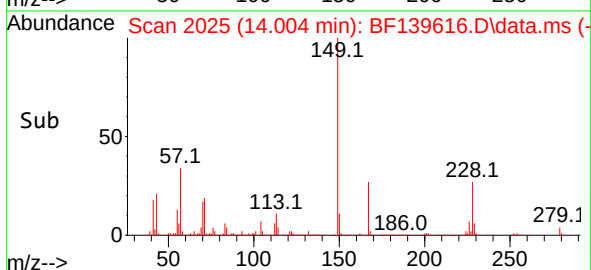
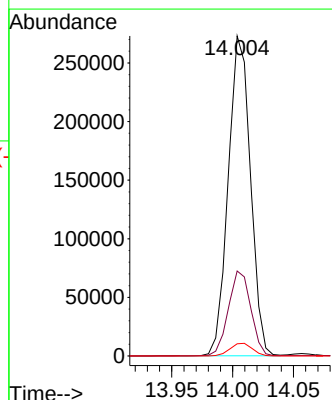
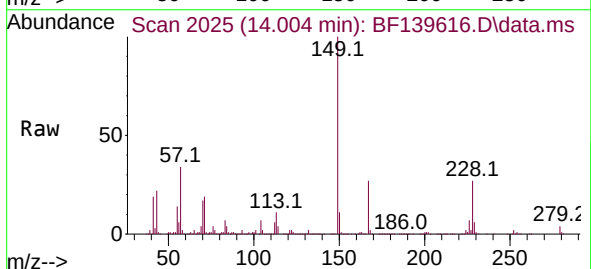
Tgt Ion:149 Resp: 346333

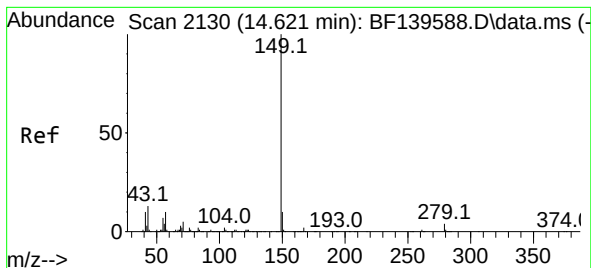
Ion Ratio Lower Upper

149 100

167 26.6 21.7 32.5

279 3.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.888 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

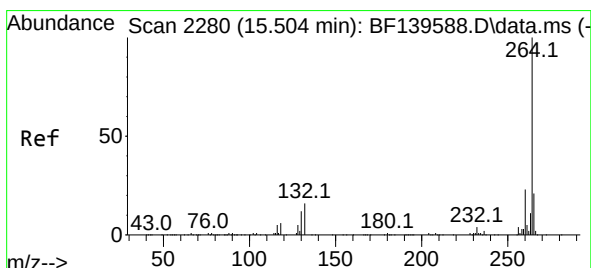
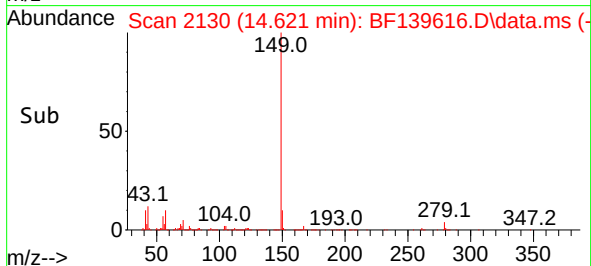
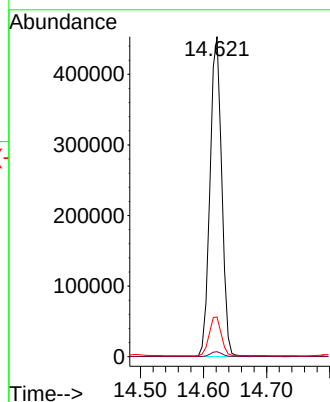
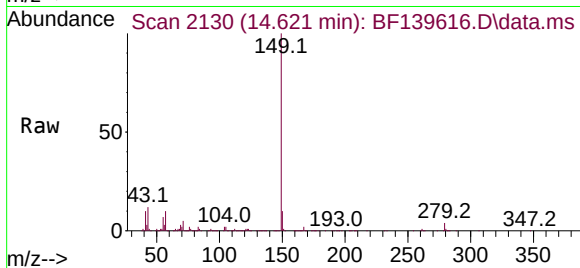
Tgt Ion:149 Resp: 584411

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.6 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

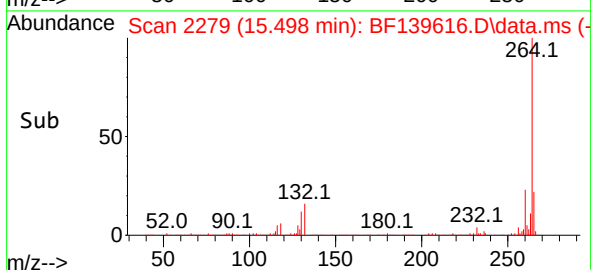
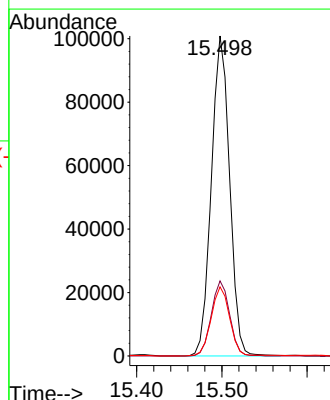
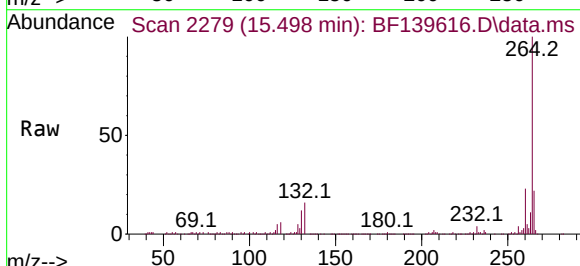
Tgt Ion:264 Resp: 150135

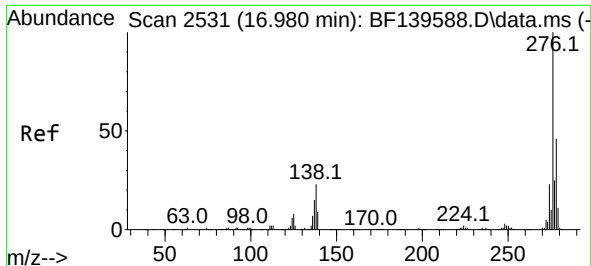
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 16.9 25.3

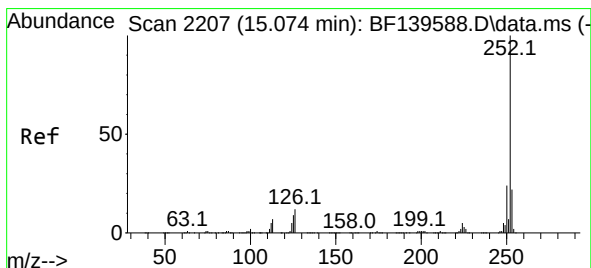
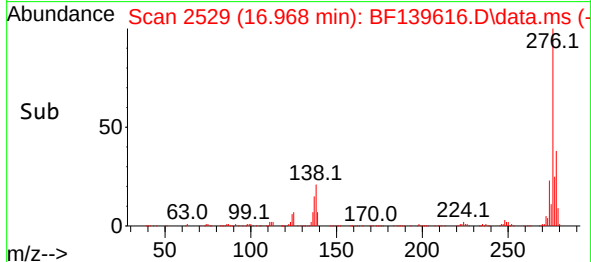
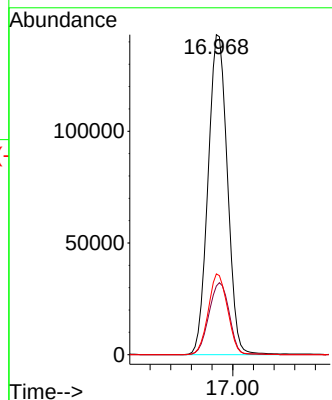
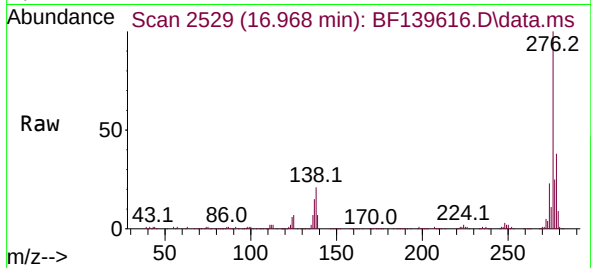




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.038 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

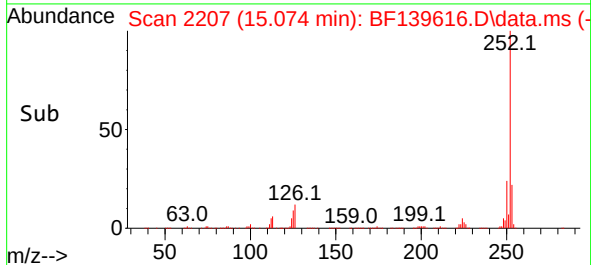
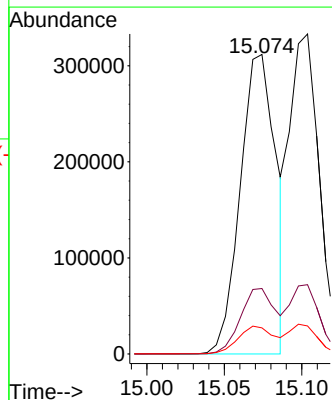
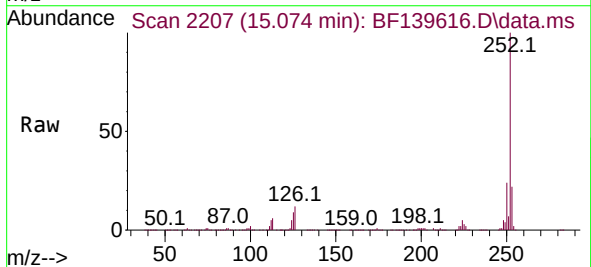
Instrument :
BNA_F
ClientSampleId :
TP-5MSD

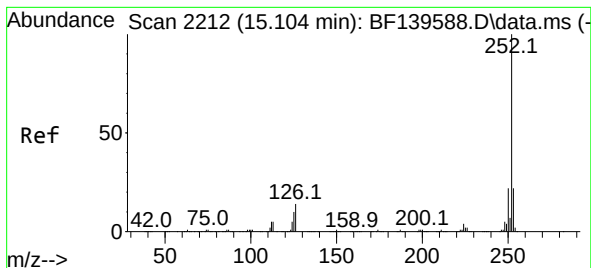
Tgt Ion:276 Resp: 371474
Ion Ratio Lower Upper
276 100
138 23.7 19.4 29.0
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 51.385 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139616.D
Acq: 02 Oct 2024 19:42

Tgt Ion:252 Resp: 498819
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.070 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

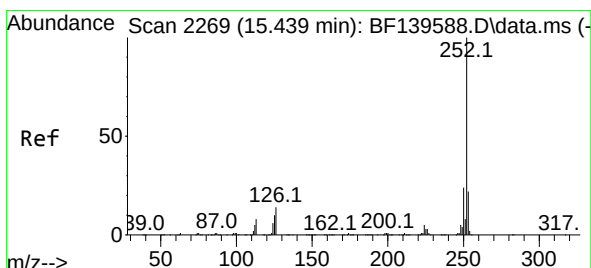
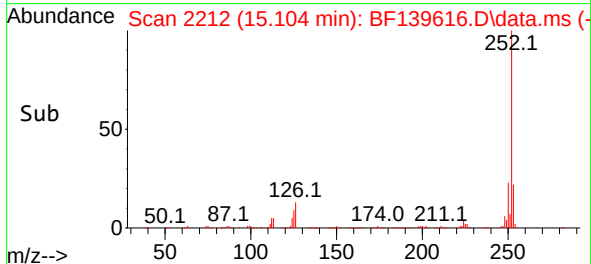
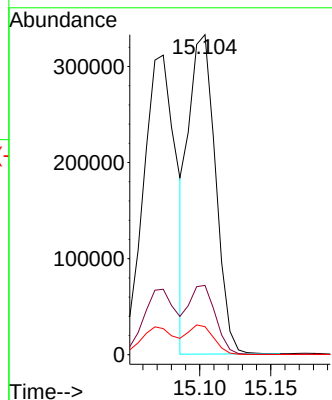
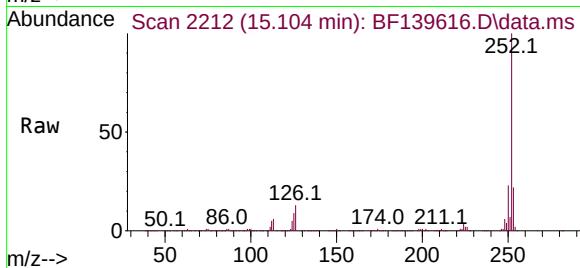
Tgt Ion:252 Resp: 437004

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.8 7.6 11.4



#90

Benzo(a)pyrene

Concen: 54.727 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139616.D

Acq: 02 Oct 2024 19:42

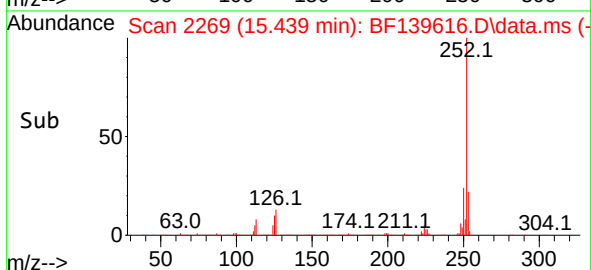
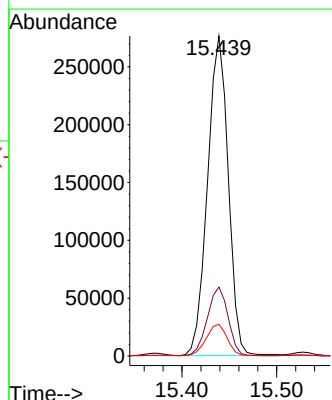
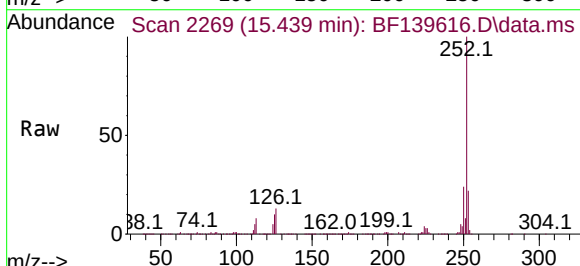
Tgt Ion:252 Resp: 418895

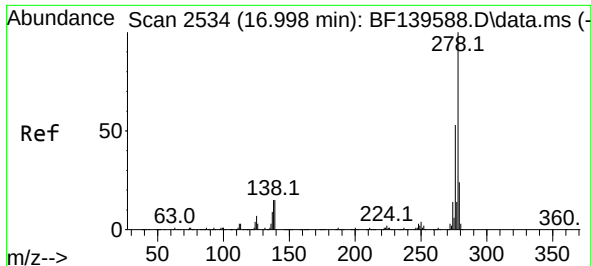
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.9 8.3 12.5

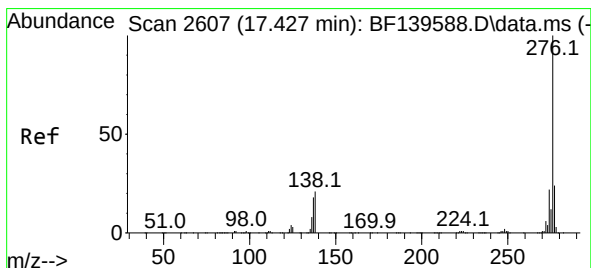
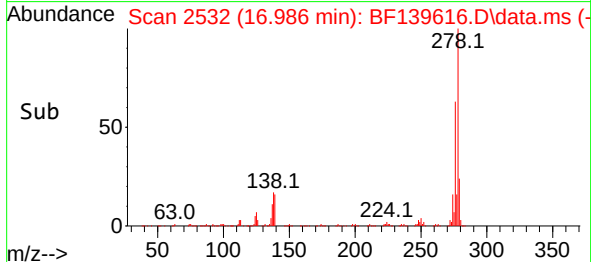
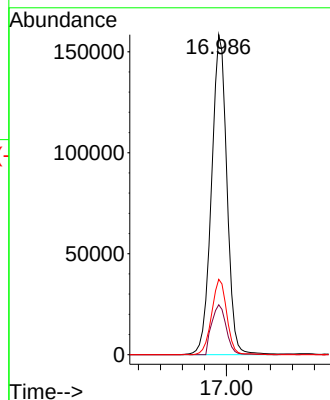
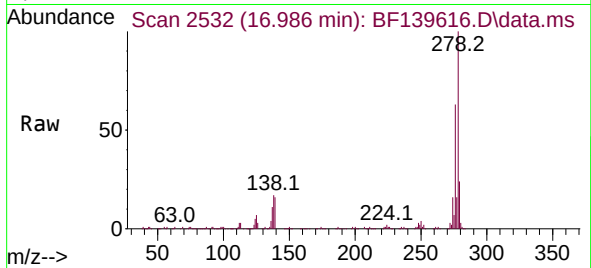




#91
 Dibenzo(a,h)anthracene
 Concen: 42.066 ng
 RT: 16.986 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF139616.D
 Acq: 02 Oct 2024 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

Tgt Ion:278 Resp: 308306
 Ion Ratio Lower Upper
 278 100
 139 15.6 12.2 18.4
 279 23.5 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 36.370 ng
 RT: 17.415 min Scan# 2605
 Delta R.T. -0.012 min
 Lab File: BF139616.D
 Acq: 02 Oct 2024 19:42

Tgt Ion:276 Resp: 267337
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.0 28.6
 138 20.2 17.0 25.6

