

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139954.D
 Acq On : 23 Oct 2024 10:17
 Operator : RC/JU
 Sample : PB164020BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164020BS

Quant Time: Oct 23 11:04:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	145453	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	571435	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	326976	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	595466	20.000	ng	0.00
76) Chrysene-d12	14.057	240	306351	20.000	ng	0.00
86) Perylene-d12	15.533	264	324169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1206294	129.832	ng	0.02
7) Phenol-d6	6.516	99	1547986	128.638	ng	0.00
23) Nitrobenzene-d5	7.451	82	1000485	97.037	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	493916	161.493	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1832596	92.628	ng	0.00
79) Terphenyl-d14	13.004	244	1982414	105.445	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	173862	40.134	ng	95
3) Pyridine	3.528	79	451318	42.031	ng	96
4) n-Nitrosodimethylamine	3.481	42	252685	43.800	ng	97
6) Aniline	6.551	93	460000	41.016	ng	99
8) 2-Chlorophenol	6.675	128	476299	50.145	ng	98
9) Benzaldehyde	6.439	77	125439	18.530	ng	97
10) Phenol	6.528	94	599984	48.362	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	450141	46.943	ng	98
12) 1,3-Dichlorobenzene	6.834	146	501427	45.988	ng	99
13) 1,4-Dichlorobenzene	6.910	146	509820	46.801	ng	98
14) 1,2-Dichlorobenzene	7.063	146	490668	48.263	ng	98
15) Benzyl Alcohol	7.028	79	438928	49.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	754289	46.132	ng	98
17) 2-Methylphenol	7.139	107	399399	49.313	ng	99
18) Hexachloroethane	7.404	117	181419	46.703	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	344665	47.225	ng	96
20) 3+4-Methylphenols	7.286	107	493855	47.671	ng	94
22) Acetophenone	7.298	105	642000	45.869	ng	99
24) Nitrobenzene	7.469	77	520530	46.048	ng	100
25) Isophorone	7.710	82	958263	48.968	ng	100
26) 2-Nitrophenol	7.786	139	245782	57.634	ng	97
27) 2,4-Dimethylphenol	7.822	122	406741	57.199	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	561937	47.396	ng	100
29) 2,4-Dichlorophenol	8.028	162	405983	50.124	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	412482	46.025	ng	99
31) Naphthalene	8.192	128	1384446	46.976	ng	100
32) Benzoic acid	7.933	122	322797	52.047	ng	97
33) 4-Chloroaniline	8.239	127	232152	23.101	ng	98
34) Hexachlorobutadiene	8.310	225	265894	47.219	ng	99
35) Caprolactam	8.610	113	83666	32.487	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	453174	50.530	ng	98
37) 2-Methylnaphthalene	8.886	142	876755	48.576	ng	99
38) 1-Methylnaphthalene	8.986	142	826629	46.680	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	414030	46.935	ng	99
41) Hexachlorocyclopentadiene	9.039	237	543455	177.056	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	326446	52.270	ng	99

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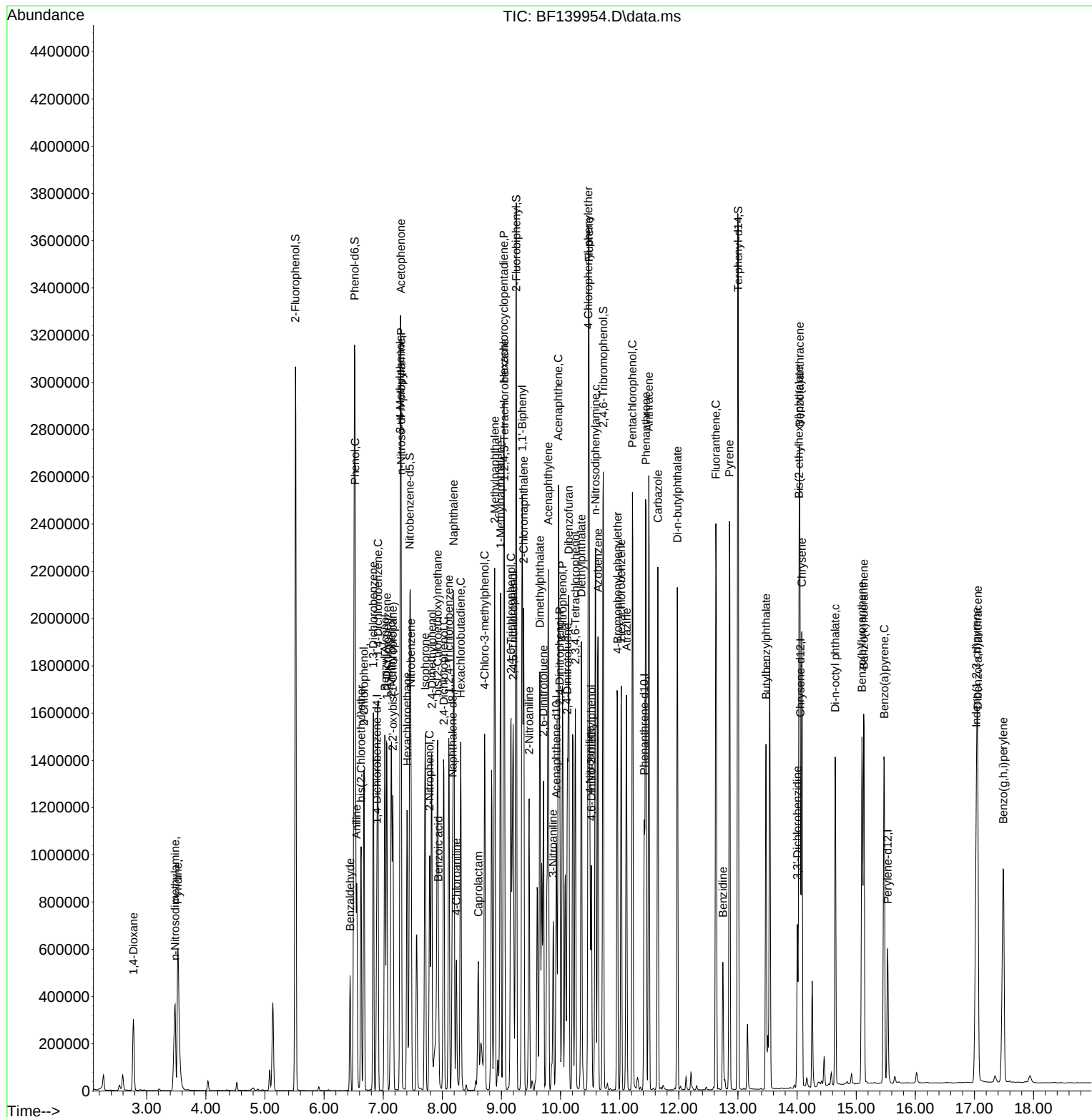
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	323007	50.129	ng	100
46) 1,1'-Biphenyl	9.351	154	1079499	47.425	ng	99
47) 2-Chloronaphthalene	9.375	162	857824	46.791	ng	99
48) 2-Nitroaniline	9.469	65	306241	54.617	ng	94
49) Acenaphthylene	9.792	152	1358548	51.258	ng	99
50) Dimethylphthalate	9.651	163	1027223	50.437	ng	100
51) 2,6-Dinitrotoluene	9.710	165	230175	52.196	ng	98
52) Acenaphthene	9.963	154	945044	55.119	ng	99
53) 3-Nitroaniline	9.875	138	148850	32.732	ng	99
54) 2,4-Dinitrophenol	9.986	184	254590	134.144	ng	# 1
55) Dibenzofuran	10.139	168	1197693	48.687	ng	98
56) 4-Nitrophenol	10.033	139	396563	113.346	ng	99
57) 2,4-Dinitrotoluene	10.116	165	317728	58.590	ng	96
58) Fluorene	10.480	166	908854	48.507	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	278445	55.124	ng	97
60) Diethylphthalate	10.351	149	1003169	50.166	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	467155	49.372	ng	99
62) 4-Nitroaniline	10.498	138	236526	55.070	ng	95
63) Azobenzene	10.633	77	1024029	48.303	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	173533	71.446	ng	92
66) n-Nitrosodiphenylamine	10.592	169	864326	48.497	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	305428	49.789	ng	95
68) Hexachlorobenzene	11.027	284	343434	49.779	ng	96
69) Atrazine	11.116	200	289268	59.918	ng	99
70) Pentachlorophenol	11.216	266	432506	103.294	ng	100
71) Phenanthrene	11.445	178	1384572	49.225	ng	100
72) Anthracene	11.492	178	1401170	51.057	ng	100
73) Carbazole	11.645	167	1231822	48.263	ng	99
74) Di-n-butylphthalate	11.974	149	1482080	50.261	ng	100
75) Fluoranthene	12.627	202	1374663	48.345	ng	99
77) Benzidine	12.745	184	288253	57.222	ng	99
78) Pyrene	12.857	202	1401990	52.282	ng	100
80) Butylbenzylphthalate	13.474	149	454322	56.511	ng	99
81) Benzo(a)anthracene	14.045	228	1029234	51.610	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	206476	35.510	ng	99
83) Chrysene	14.080	228	950325	51.973	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	522257	57.901	ng	100
85) Di-n-octyl phthalate	14.645	149	898357	54.758	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1174080	56.298	ng	98
88) Benzo(b)fluoranthene	15.098	252	993519	50.312	ng	100
89) Benzo(k)fluoranthene	15.127	252	853023	50.089	ng	100
90) Benzo(a)pyrene	15.474	252	896133	55.152	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	959971	55.179	ng	98
92) Benzo(g,h,i)perylene	17.486	276	902393	51.928	ng	99

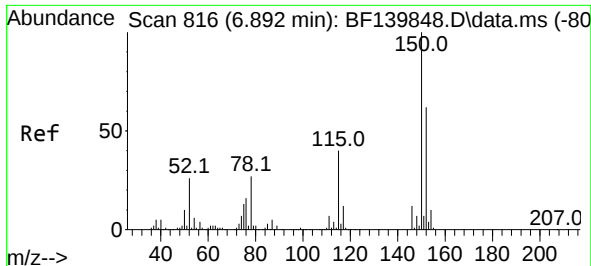
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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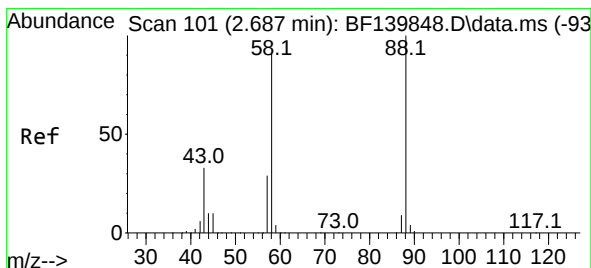
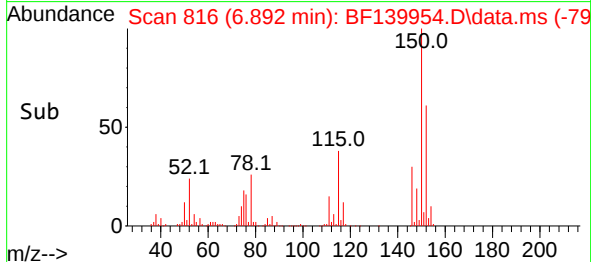
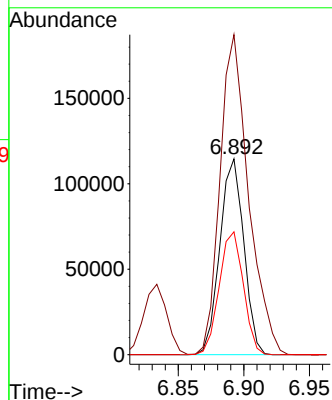
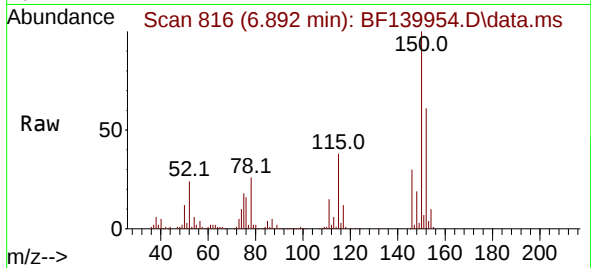




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

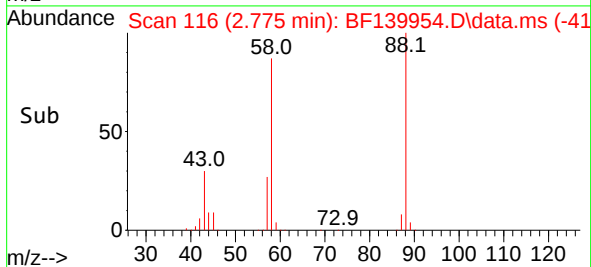
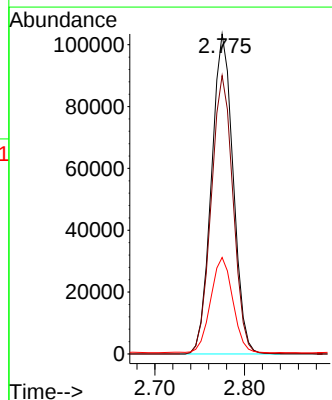
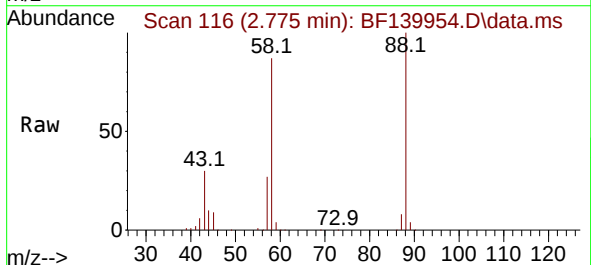
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BNA_F
ClientSampleId :
PB164020BS

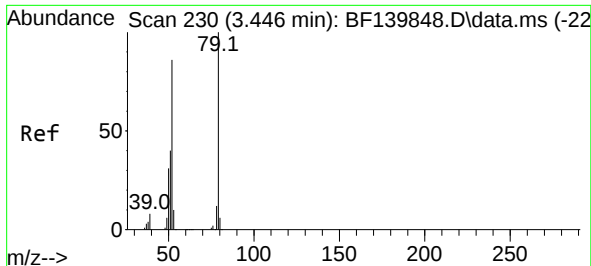
Tgt Ion:152 Resp: 145453
Ion Ratio Lower Upper
152 100
150 163.3 130.2 195.2
115 62.7 51.4 77.2



#2
1,4-Dioxane
Concen: 40.134 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion: 88 Resp: 173862
Ion Ratio Lower Upper
88 100
58 87.6 73.3 109.9
43 30.5 27.1 40.7





#3

Pyridine

Concen: 42.031 ng

RT: 3.528 min Scan# 244

Delta R.T. 0.082 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

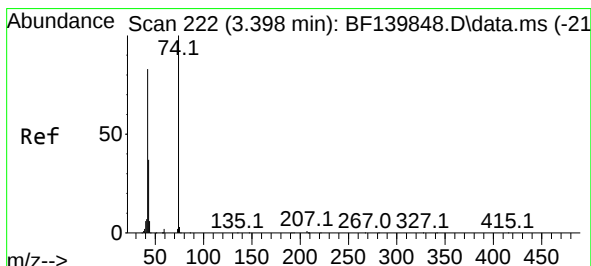
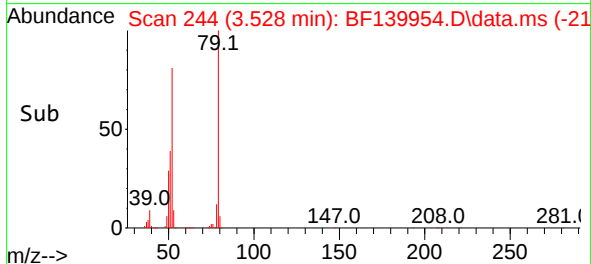
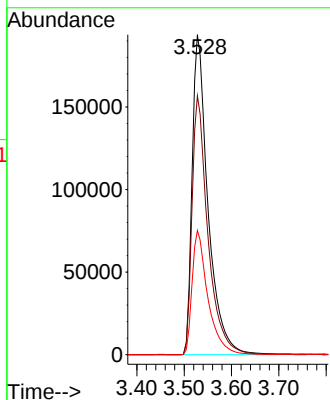
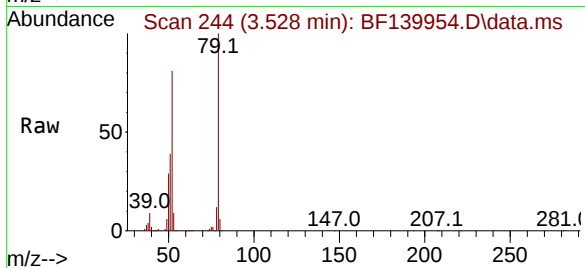
Tgt Ion: 79 Resp: 451318

Ion Ratio Lower Upper

79 100

52 80.9 68.5 102.7

51 38.8 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 43.800 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.082 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

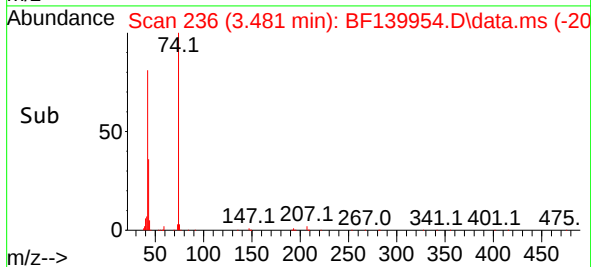
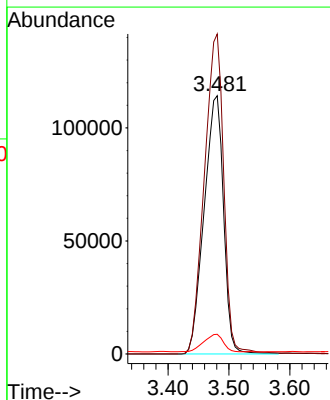
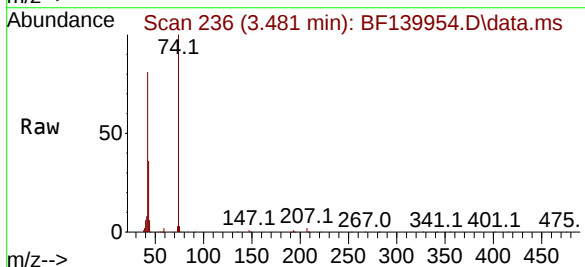
Tgt Ion: 42 Resp: 252685

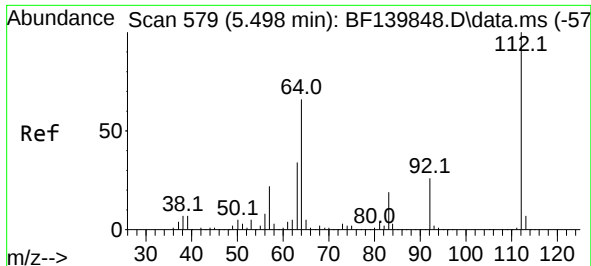
Ion Ratio Lower Upper

42 100

74 123.9 96.2 144.4

44 7.6 6.2 9.2

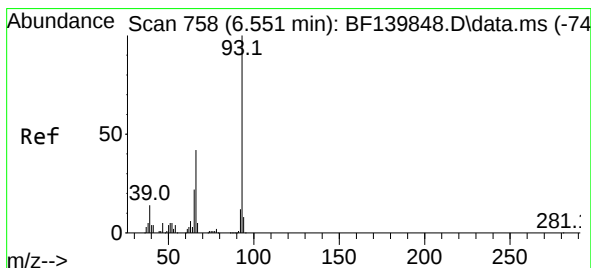
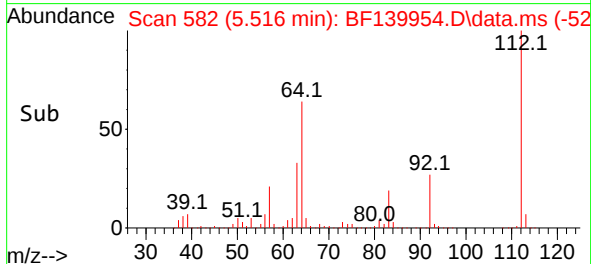
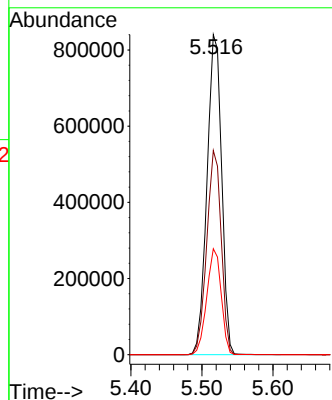
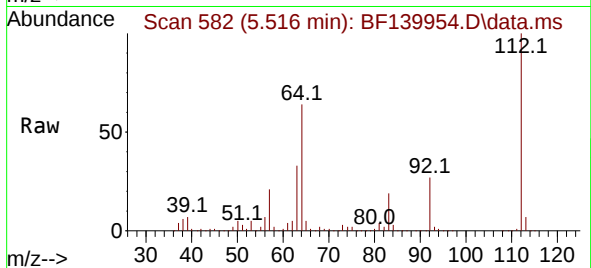




#5
2-Fluorophenol
Concen: 129.832 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

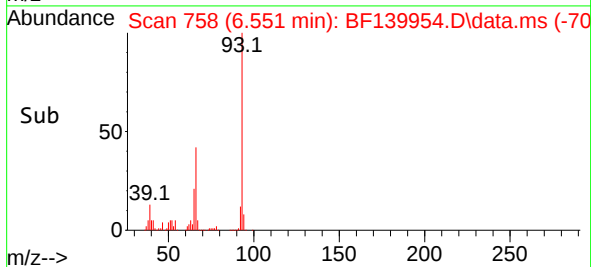
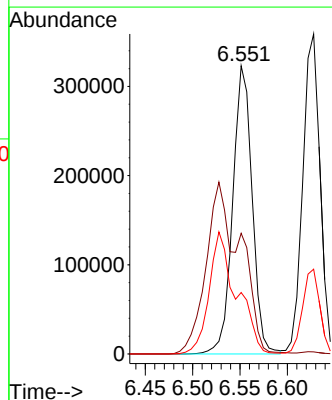
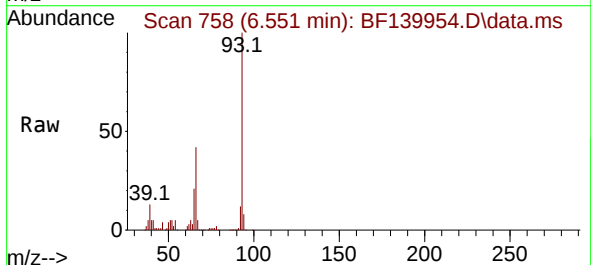
Instrument :
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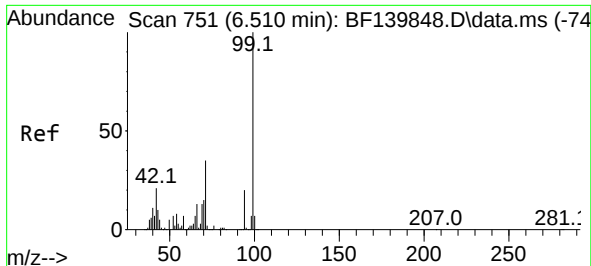
Tgt Ion:112 Resp: 1206294
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 33.1 27.0 40.4



#6
Aniline
Concen: 41.016 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion: 93 Resp: 460000
Ion Ratio Lower Upper
93 100
66 41.9 34.0 51.0
65 21.3 17.4 26.0



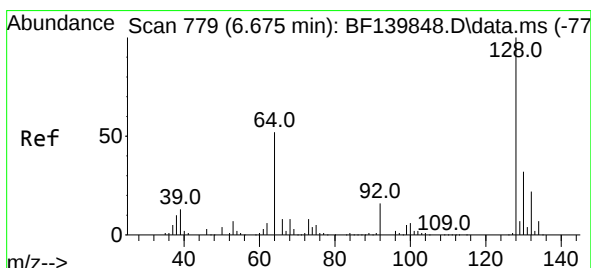
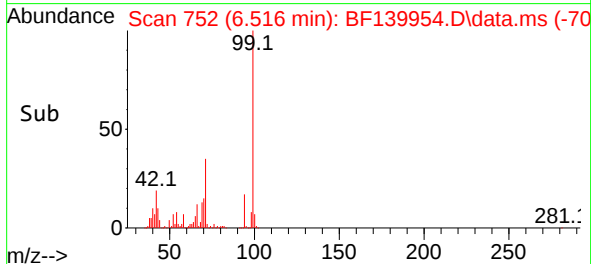
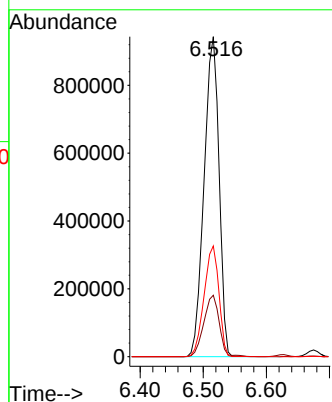
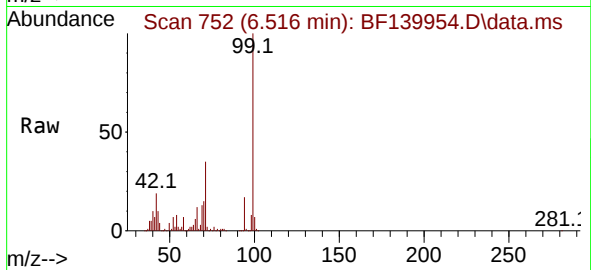


#7
Phenol-d6
Concen: 128.638 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139954.D
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Tgt Ion: 99 Resp: 1547986

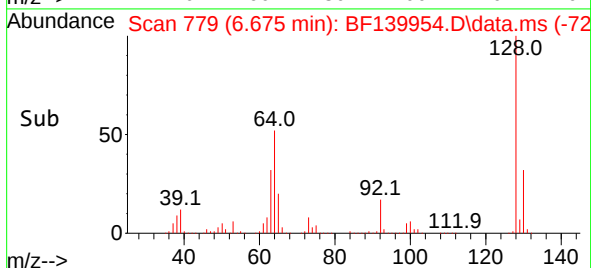
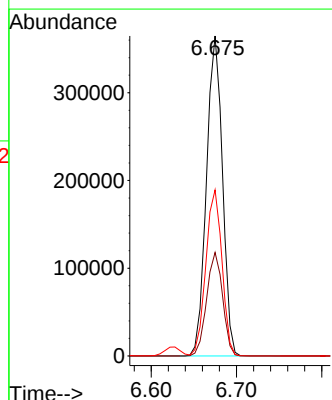
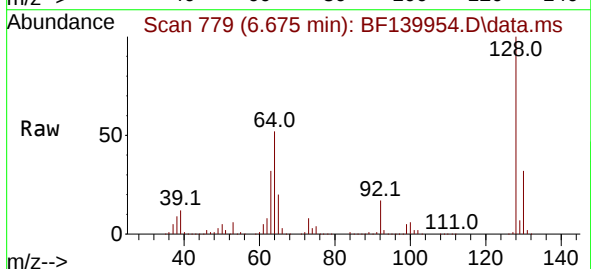
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.7	25.1
71	34.6	27.7	41.5

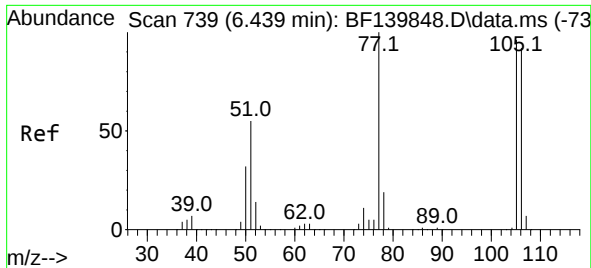


#8
2-Chlorophenol
Concen: 50.145 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion: 128 Resp: 476299

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	51.9	34.6	74.6



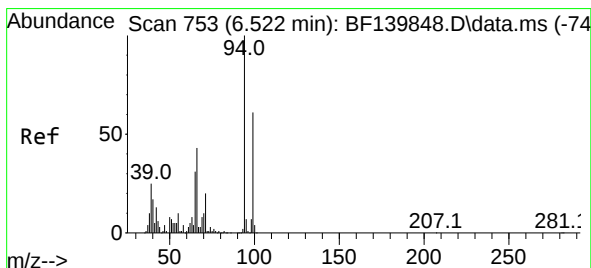
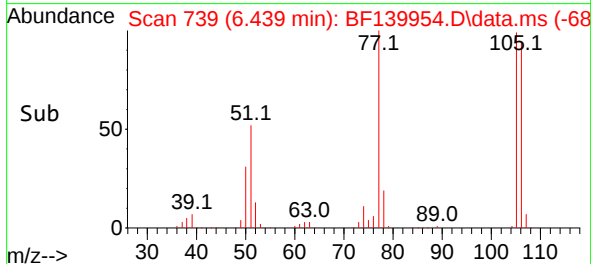
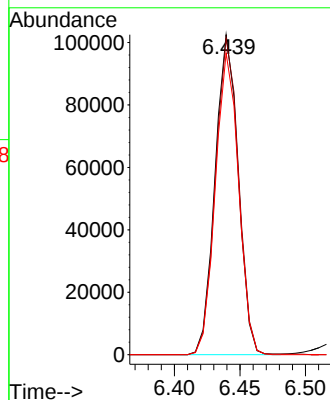
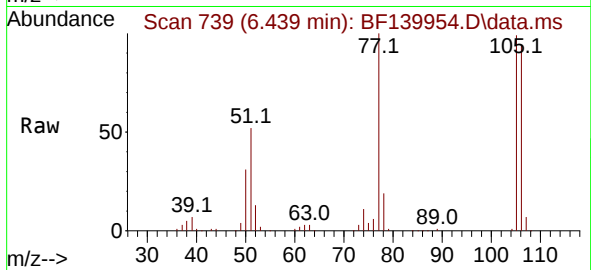


#9
Benzaldehyde
Concen: 18.530 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
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Instrument :
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Tgt Ion: 77 Resp: 125439

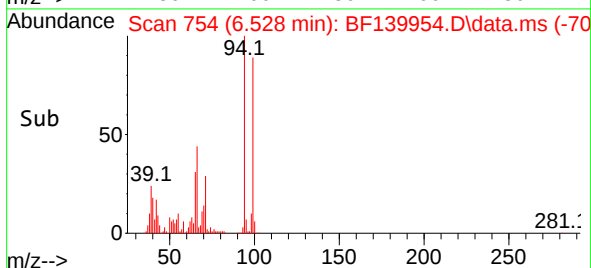
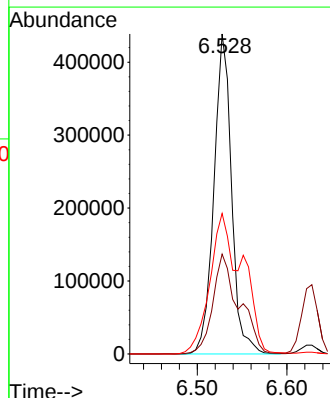
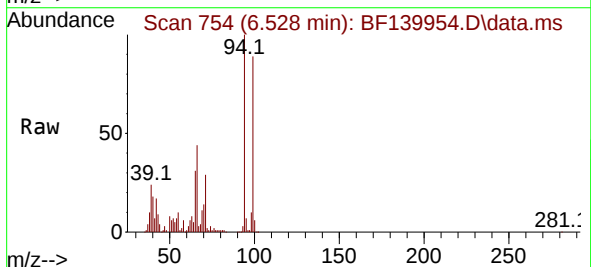
Ion	Ratio	Lower	Upper
77	100		
105	98.9	75.5	115.5
106	94.2	71.7	111.7

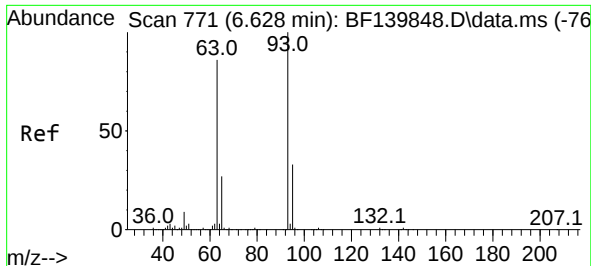


#10
Phenol
Concen: 48.362 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion: 94 Resp: 599984

Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.1	51.1
66	43.9	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 46.943 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

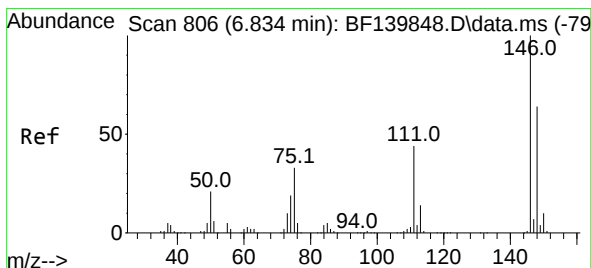
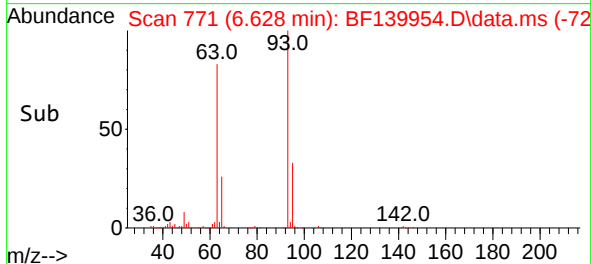
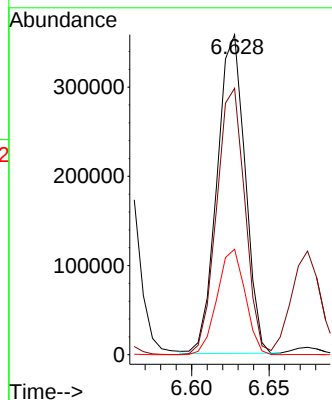
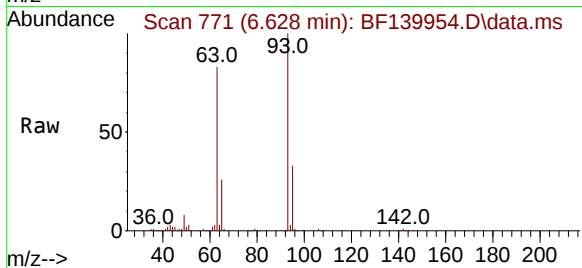
Tgt Ion: 93 Resp: 450141

Ion Ratio Lower Upper

93 100

63 83.3 65.0 105.0

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.988 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

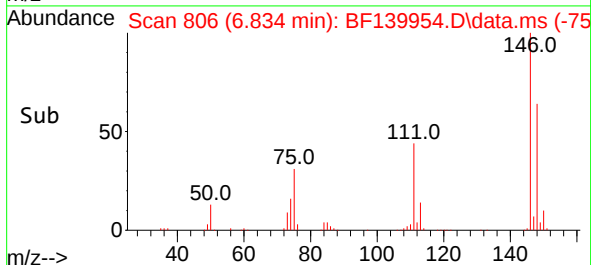
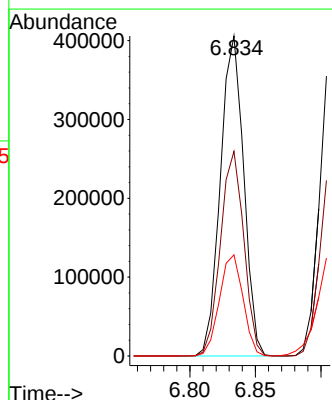
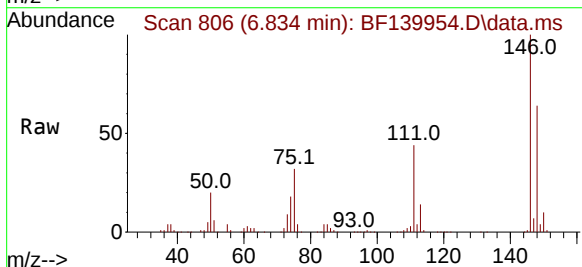
Tgt Ion:146 Resp: 501427

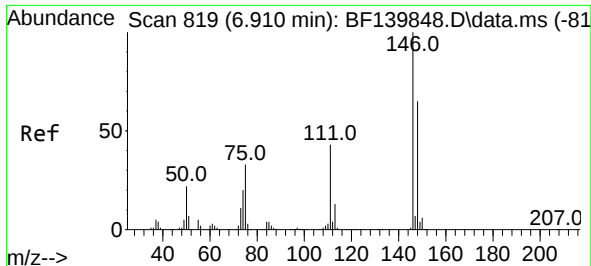
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

75 31.6 26.4 39.6

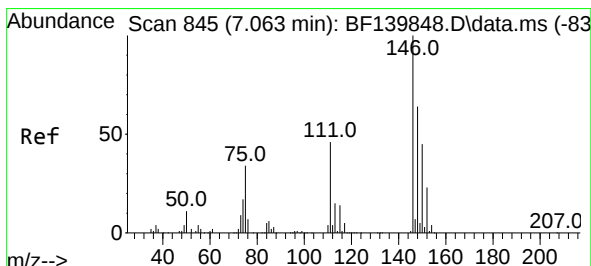
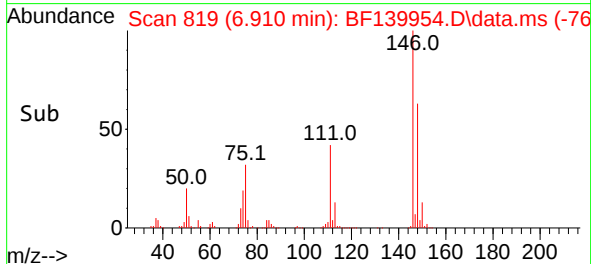
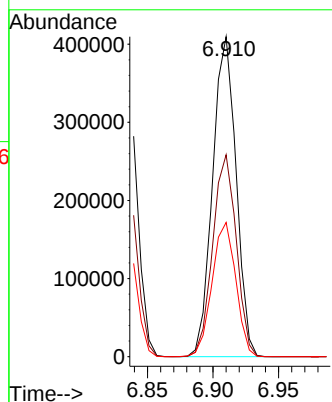
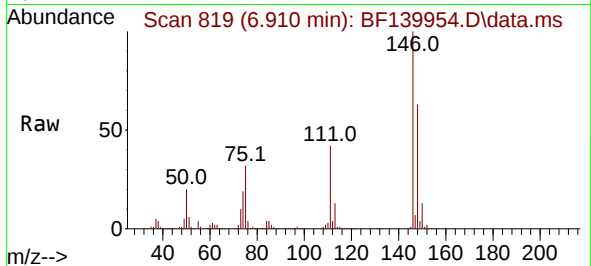




#13
1,4-Dichlorobenzene
Concen: 46.801 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

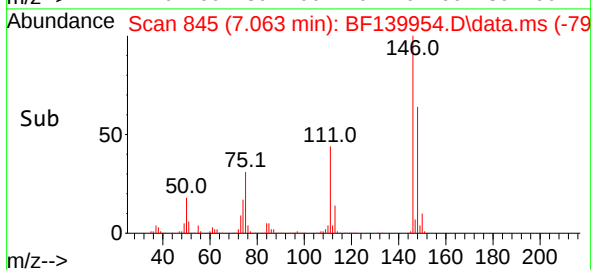
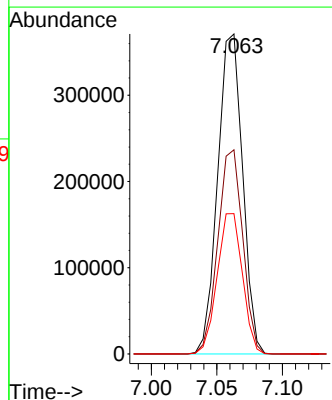
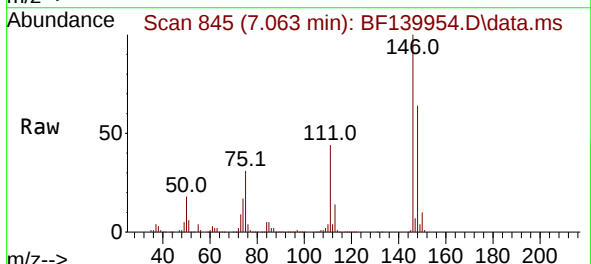
Instrument :
BNA_F
ClientSampleId :
PB164020BS

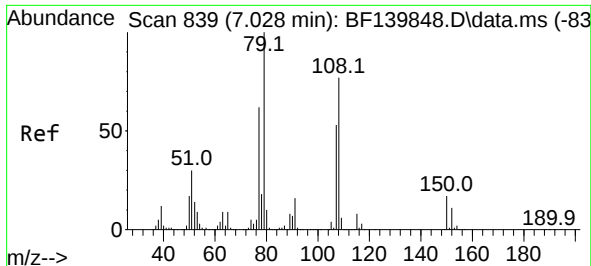
Tgt Ion:146 Resp: 509820
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
111 41.9 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 48.263 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:146 Resp: 490668
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 43.8 36.7 55.1

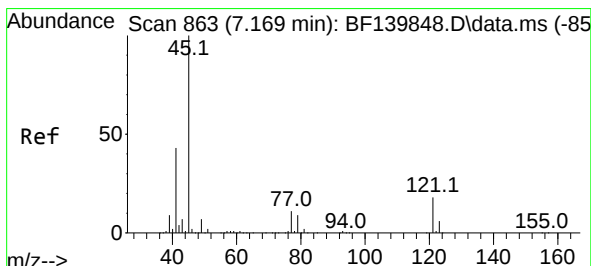
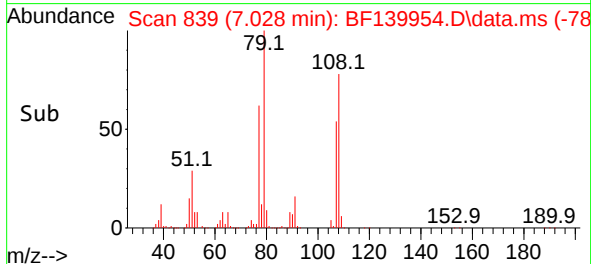
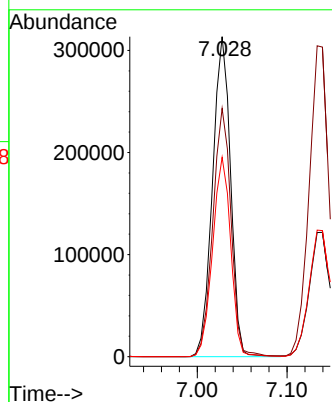
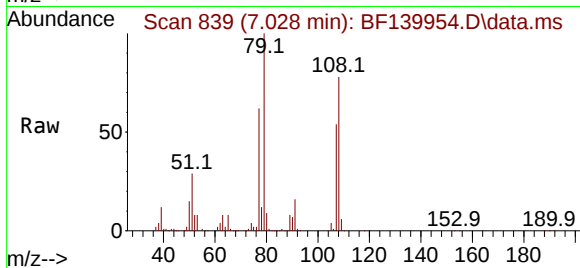




#15
Benzyl Alcohol
Concen: 49.725 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

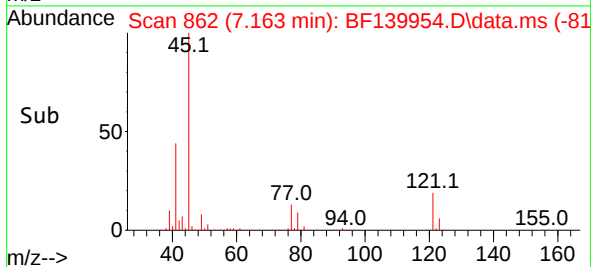
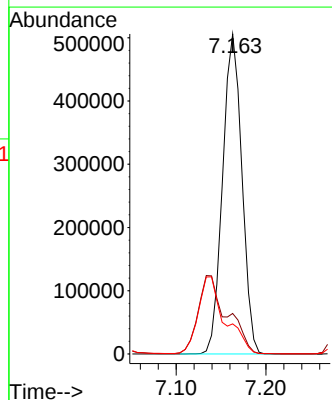
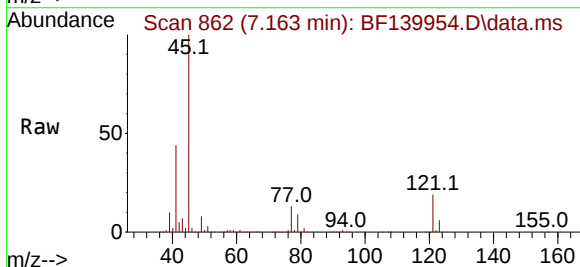
Instrument :
BNA_F
ClientSampleId :
PB164020BS

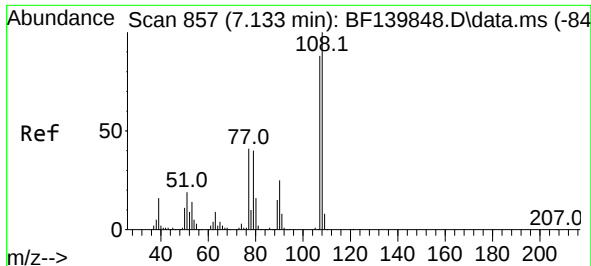
Tgt Ion: 79 Resp: 438928
Ion Ratio Lower Upper
79 100
108 77.6 61.4 92.0
77 62.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.132 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

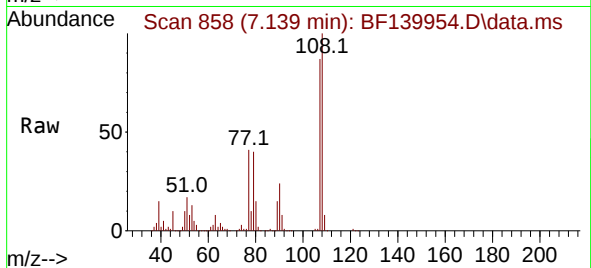
Tgt Ion: 45 Resp: 754289
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.4 0.0 29.1



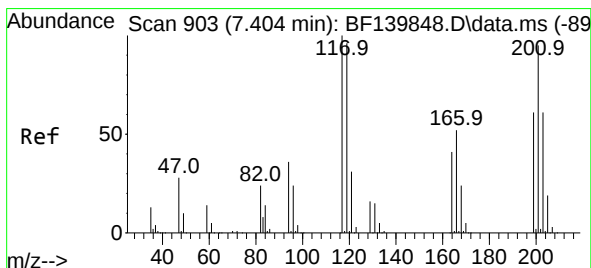
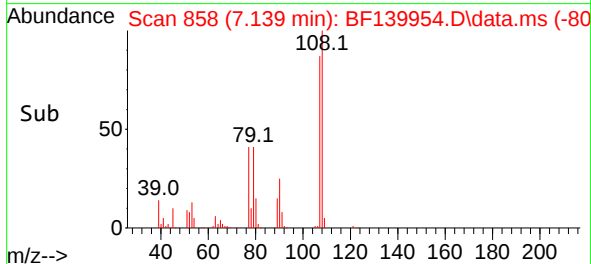
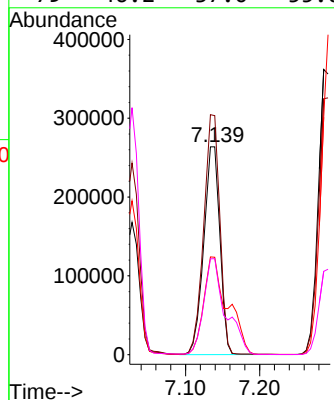


#17
2-Methylphenol
Concen: 49.313 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB164020BS

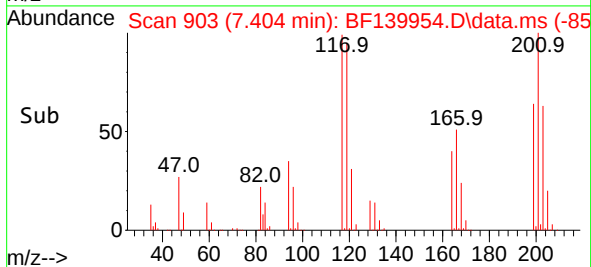
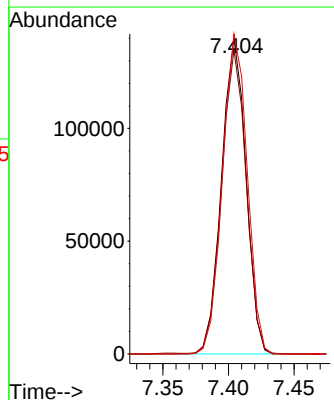
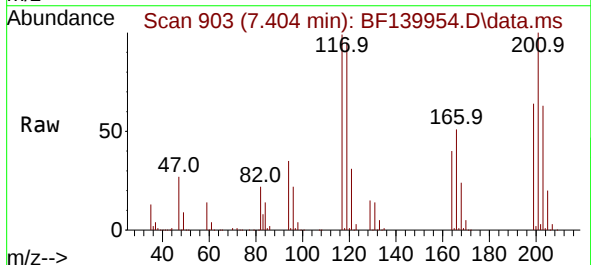


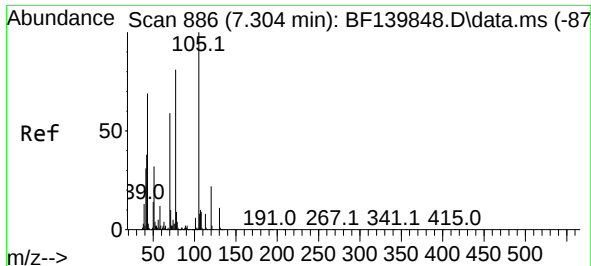
Tgt Ion:	107	Resp:	399399
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.3	136.9
77	46.8	37.1	55.7
79	46.2	37.0	55.6



#18
Hexachloroethane
Concen: 46.703 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:	117	Resp:	181419
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	101.3	76.2	114.4

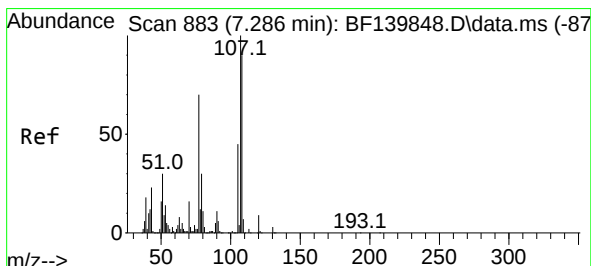
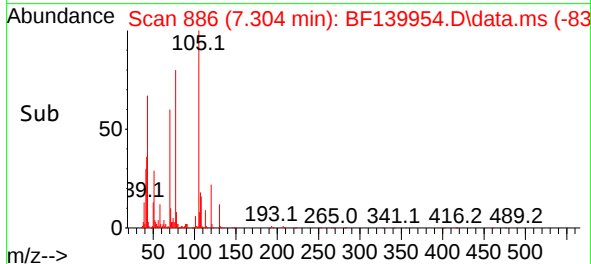
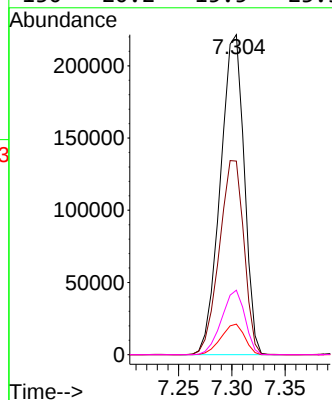
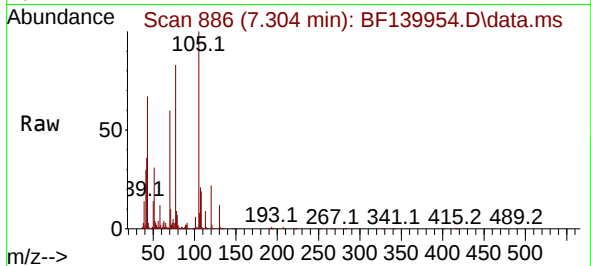




#19
n-Nitroso-di-n-propylamine
Concen: 47.225 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

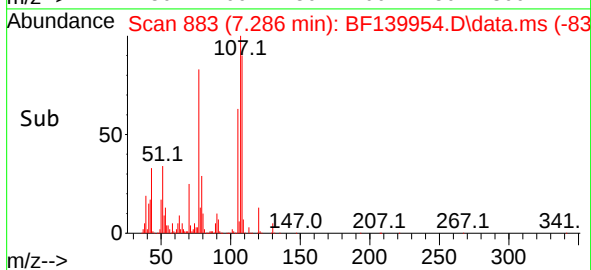
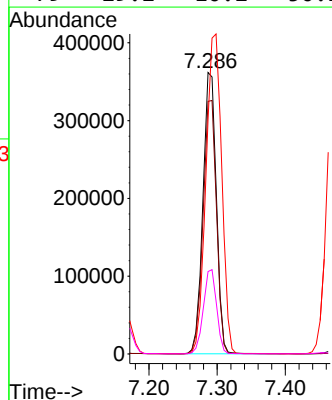
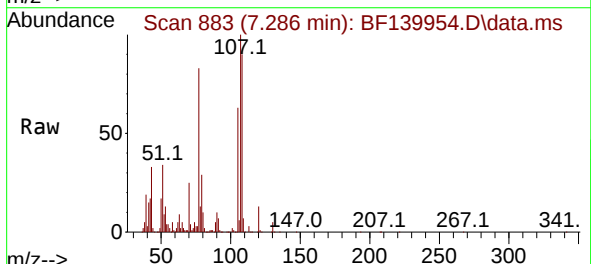
Instrument :
BNA_F
ClientSampleId :
PB164020BS

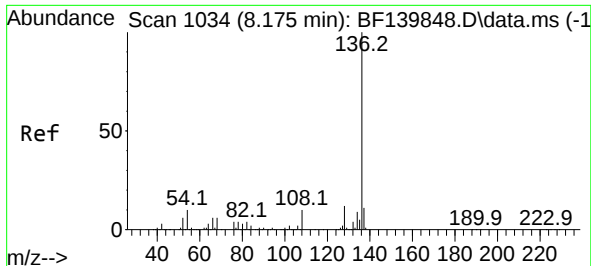
Tgt Ion: 70 Resp: 344665
Ion Ratio Lower Upper
70 100
42 60.5 51.5 77.3
101 9.6 7.5 11.3
130 20.2 15.5 23.3



#20
3+4-Methylphenols
Concen: 47.671 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion: 107 Resp: 493855
Ion Ratio Lower Upper
107 100
108 89.7 69.8 109.8
77 83.2 50.5 90.5
79 29.2 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Instrument :

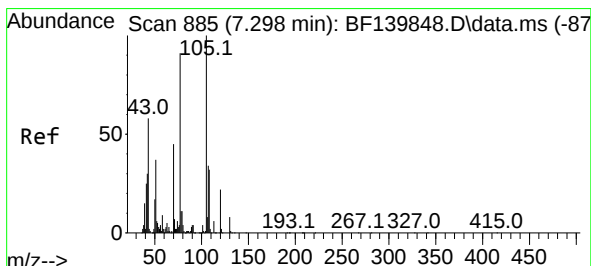
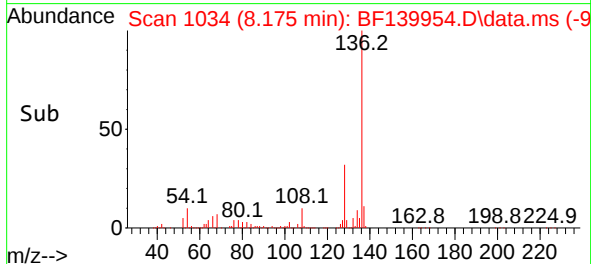
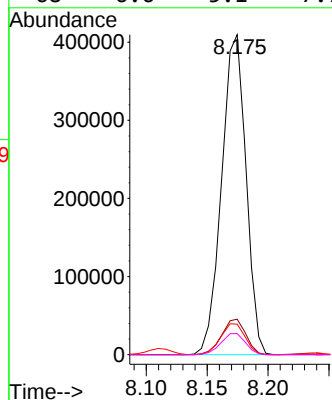
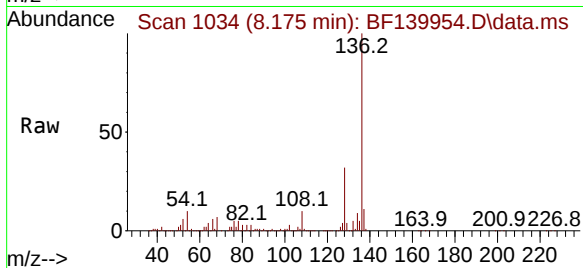
BNA_F

ClientSampleId :

PB164020BS

Tgt Ion:136 Resp: 571435

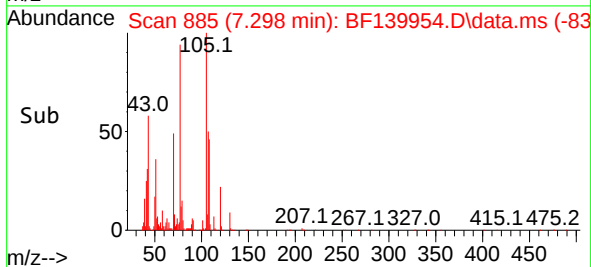
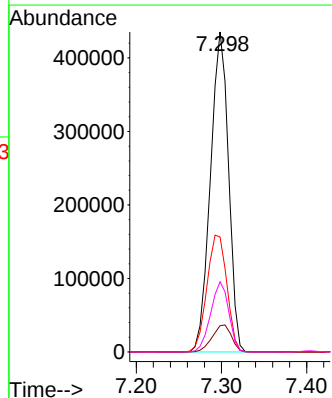
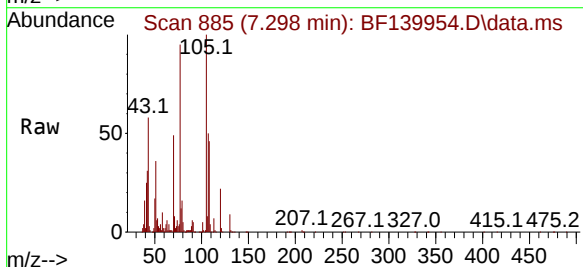
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.6	8.4	12.6
68	6.6	5.1	7.7

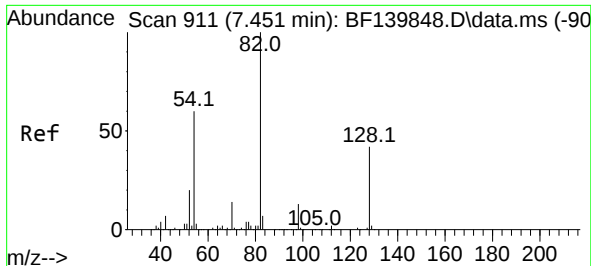


#22
Acetophenone
Concen: 45.869 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:105 Resp: 642000

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.9	8.9
51	36.0	29.4	44.2
120	21.9	17.5	26.3

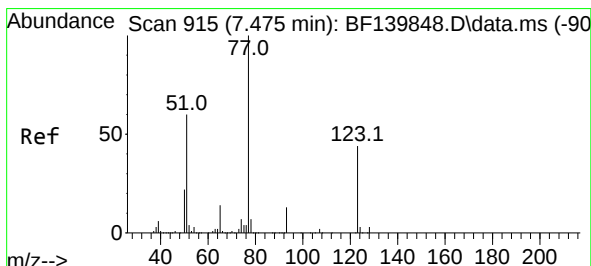
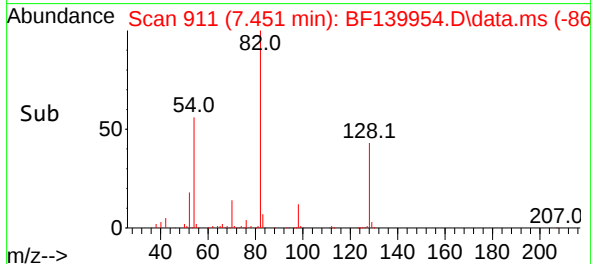
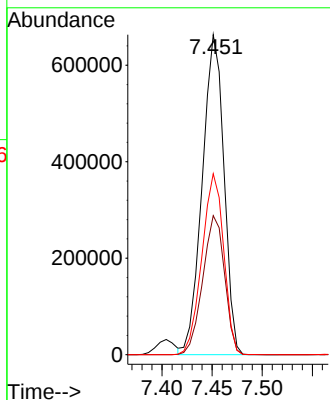
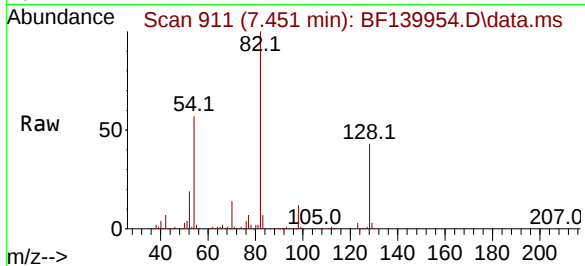




#23
Nitrobenzene-d5
Concen: 97.037 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

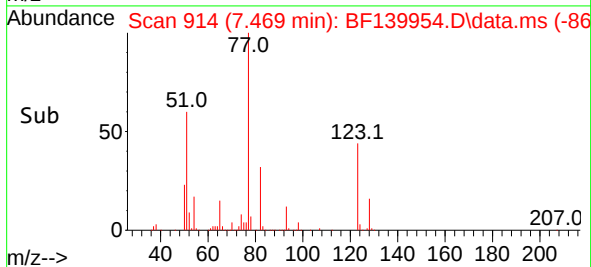
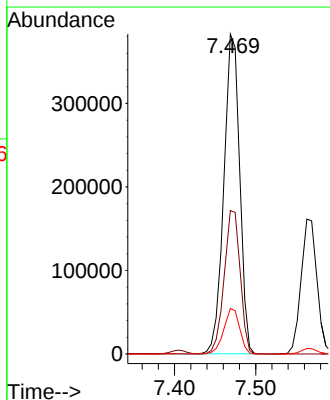
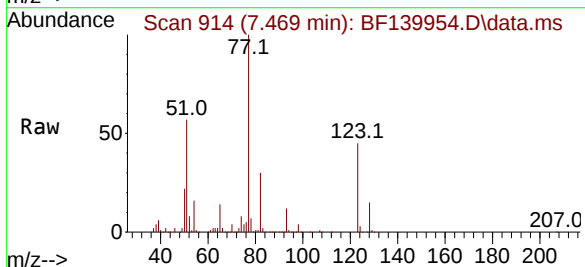
Instrument :
BNA_F
ClientSampleId :
PB164020BS

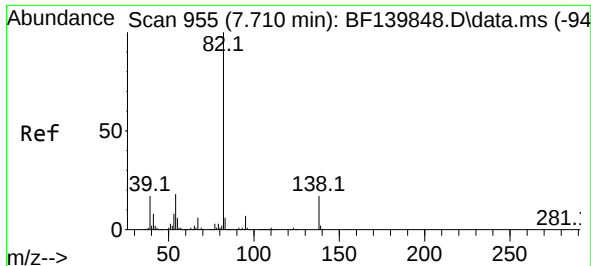
Tgt Ion: 82 Resp: 1000485
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.0
54 56.5 47.8 71.8



#24
Nitrobenzene
Concen: 46.048 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion: 77 Resp: 520530
Ion Ratio Lower Upper
77 100
123 44.8 35.7 53.5
65 14.2 11.5 17.3

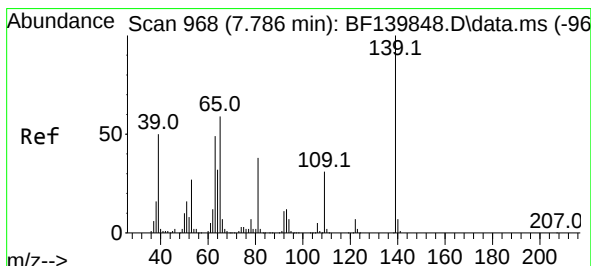
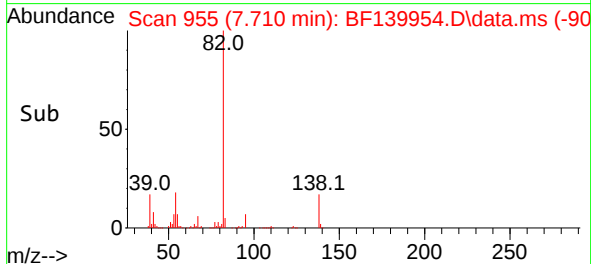
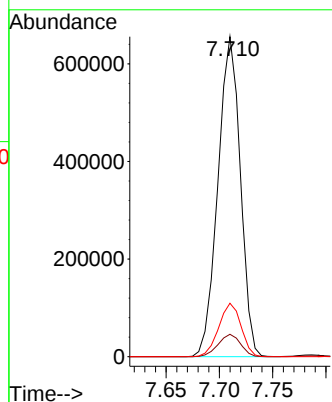
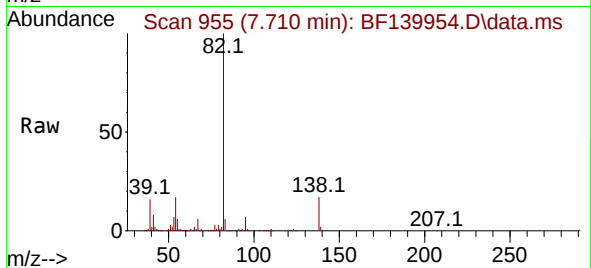




#25
Isophorone
Concen: 48.968 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

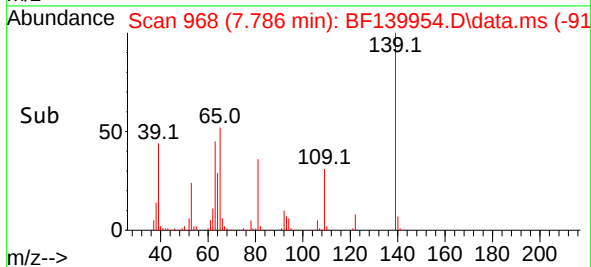
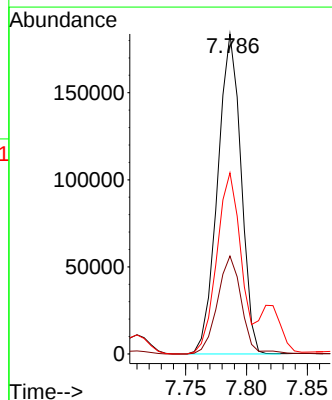
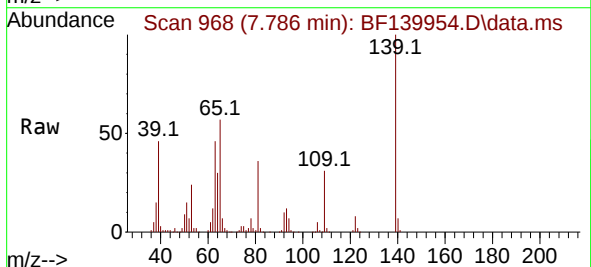
Instrument :
BNA_F
ClientSampleId :
PB164020BS

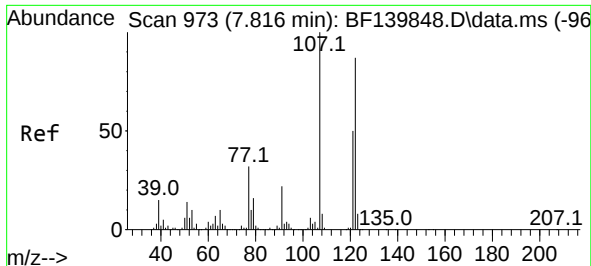
Tgt Ion: 82 Resp: 958263
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 57.634 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

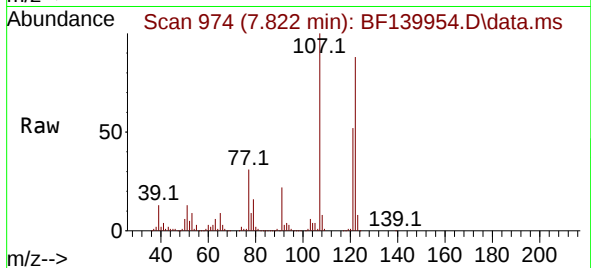
Tgt Ion:139 Resp: 245782
Ion Ratio Lower Upper
139 100
109 30.6 25.1 37.7
65 56.6 47.5 71.3



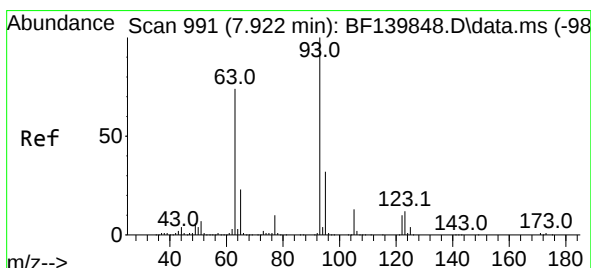
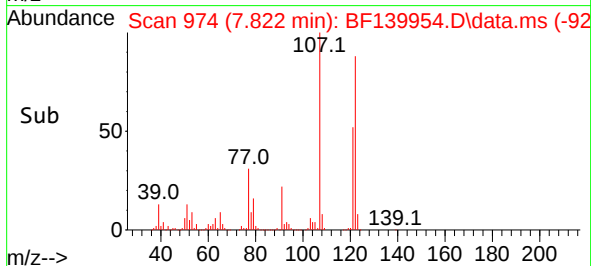
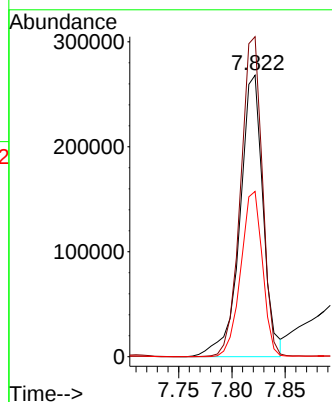


#27
2,4-Dimethylphenol
Concen: 57.199 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB164020BS

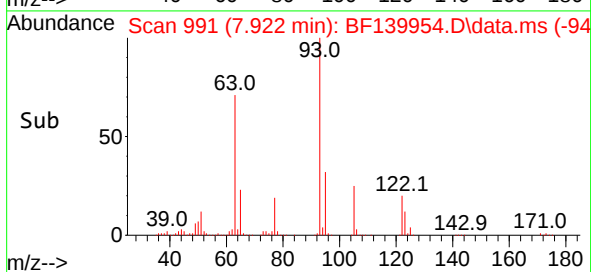
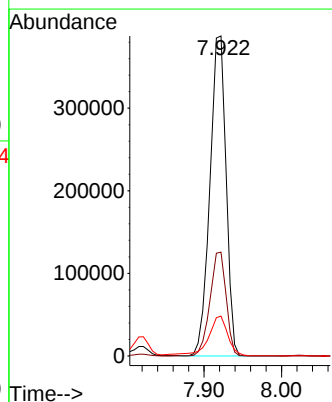
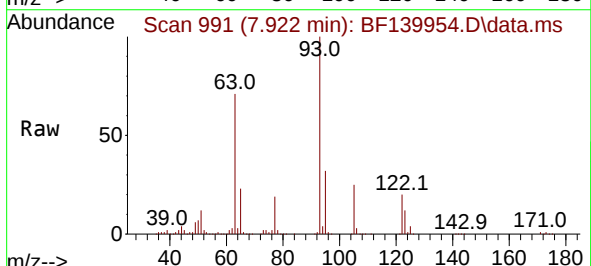


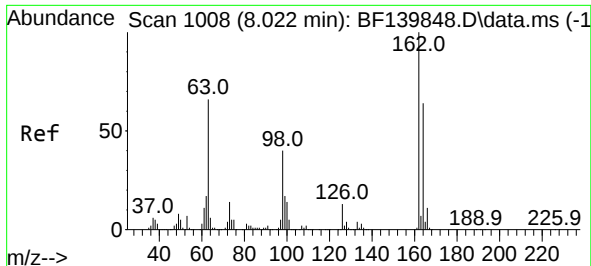
Tgt Ion:122 Resp: 406741
Ion Ratio Lower Upper
122 100
107 113.7 91.9 137.9
121 58.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.396 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion: 93 Resp: 561937
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 12.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 50.124 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

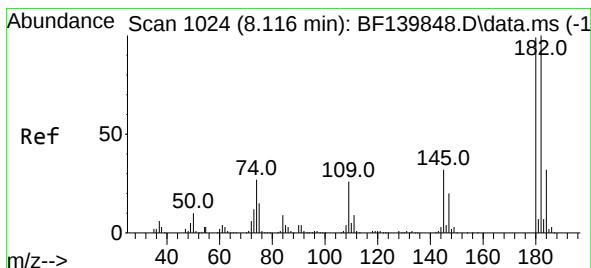
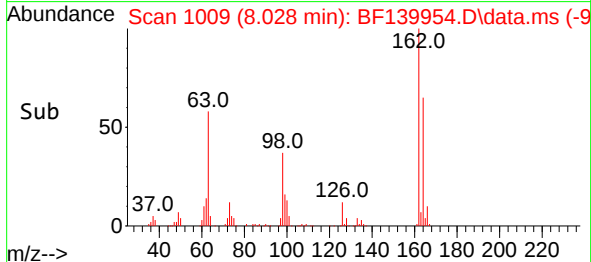
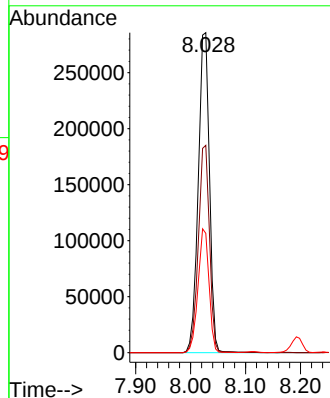
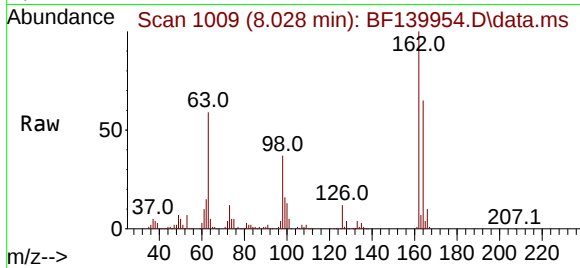
Tgt Ion:162 Resp: 405983

Ion Ratio Lower Upper

162 100

164 64.8 43.9 83.9

98 37.3 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 46.025 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

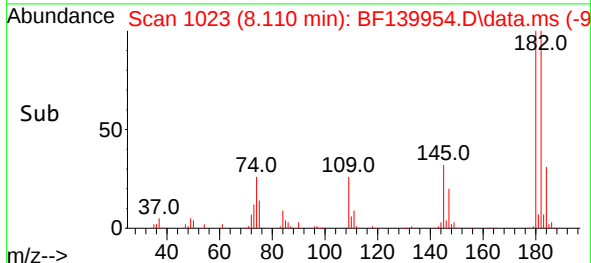
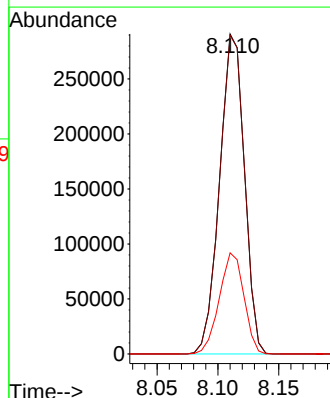
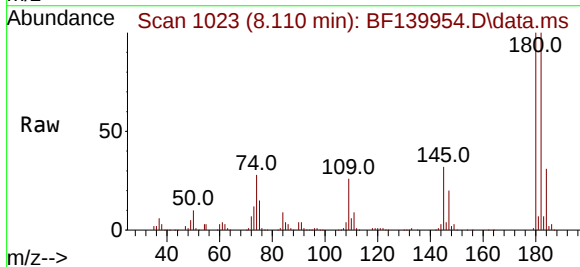
Tgt Ion:180 Resp: 412482

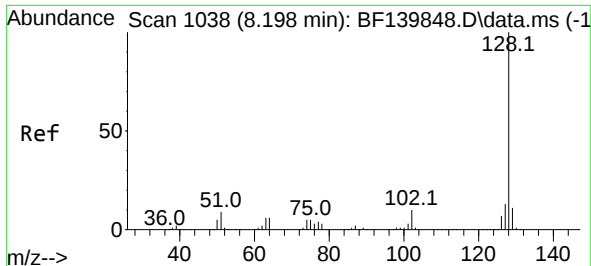
Ion Ratio Lower Upper

180 100

182 99.6 80.5 120.7

145 31.6 25.4 38.0

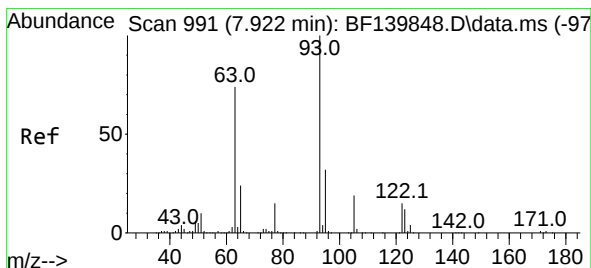
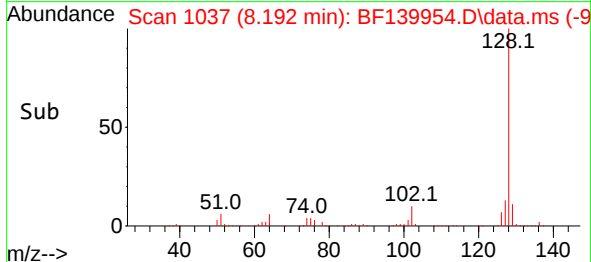
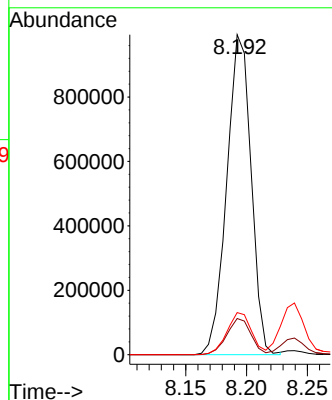
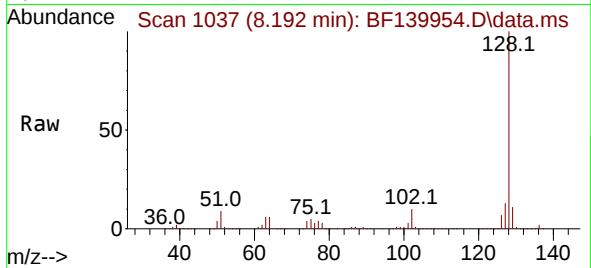




#31
Naphthalene
Concen: 46.976 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

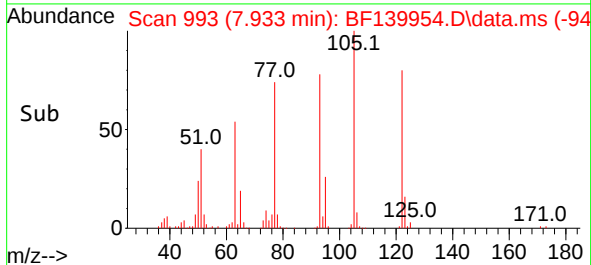
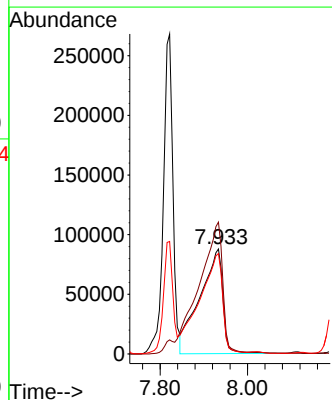
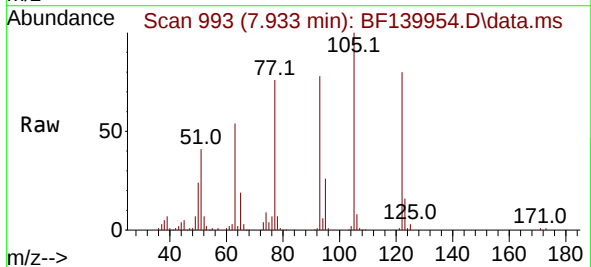
Instrument :
BNA_F
ClientSampleId :
PB164020BS

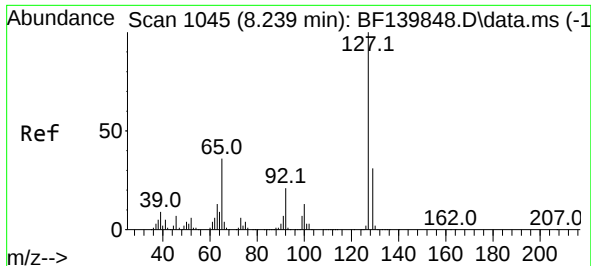
Tgt Ion:128 Resp: 1384446
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 52.047 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.011 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:122 Resp: 322797
Ion Ratio Lower Upper
122 100
105 125.6 107.6 147.6
77 95.8 80.2 120.2

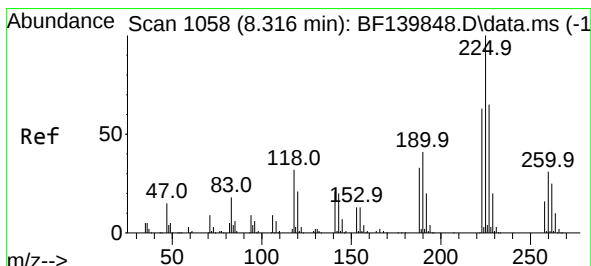
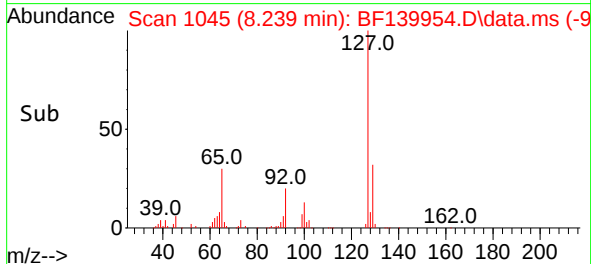
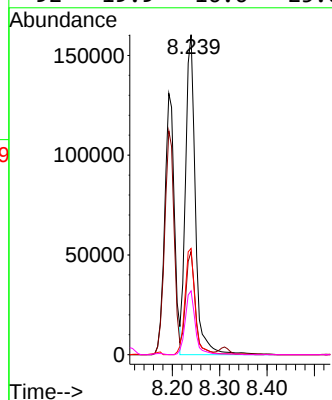
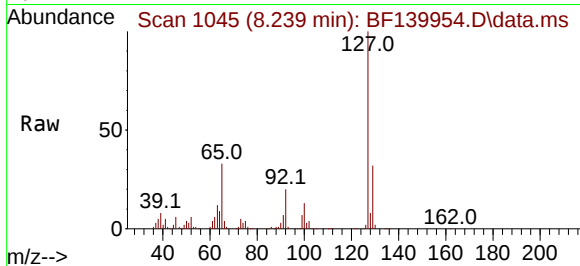




#33
4-Chloroaniline
Concen: 23.101 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

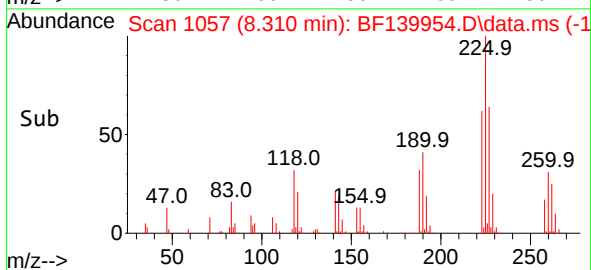
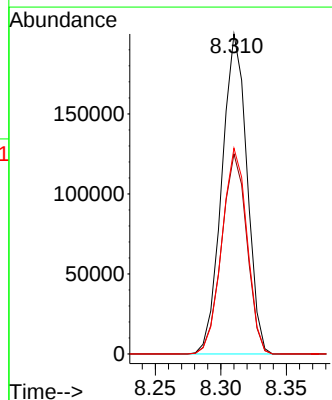
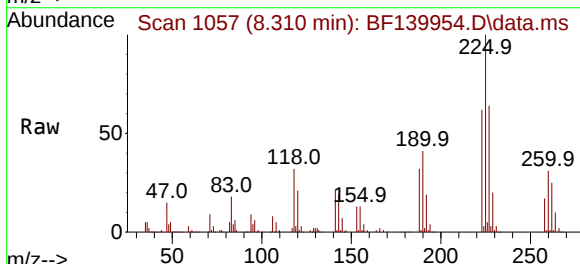
Instrument :
BNA_F
ClientSampleId :
PB164020BS

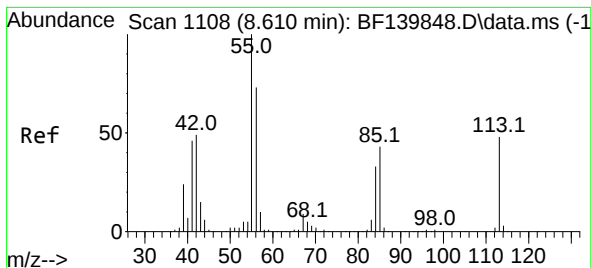
Tgt Ion:	127	Resp:	232152
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.4	38.2
65	33.2	28.4	42.6
92	19.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.219 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:	225	Resp:	265894
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.6	76.0
227	64.3	51.8	77.8





#35

Caprolactam

Concen: 32.487 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

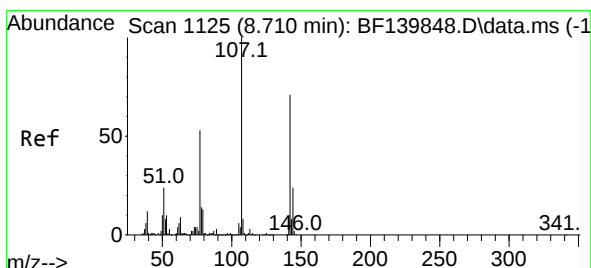
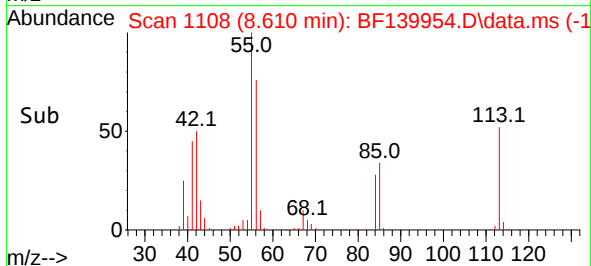
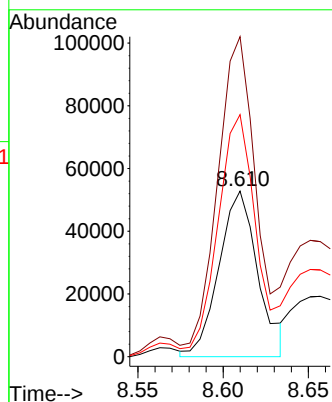
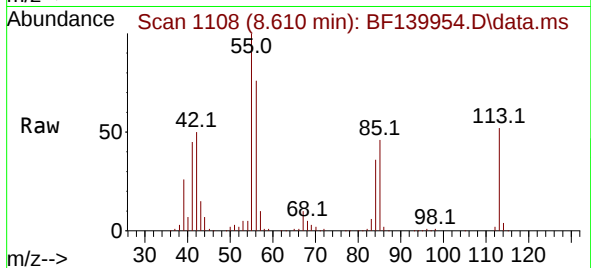
Tgt Ion:113 Resp: 83666

Ion Ratio Lower Upper

113 100

55 193.2 189.2 229.2

56 146.2 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 50.530 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

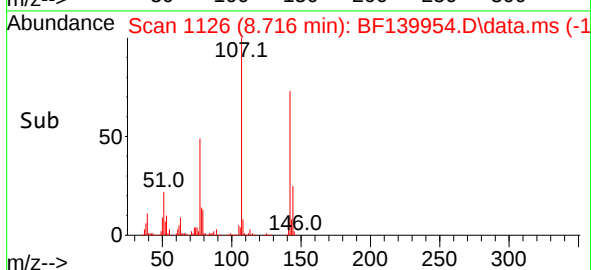
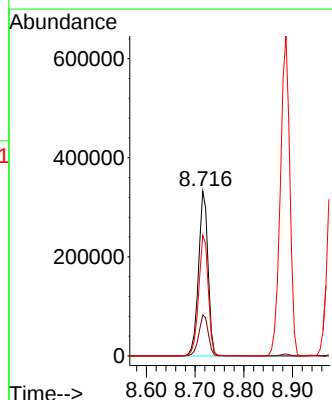
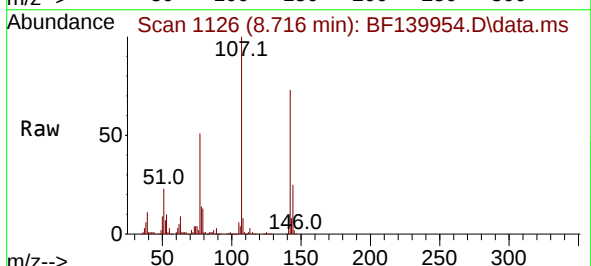
Tgt Ion:107 Resp: 453174

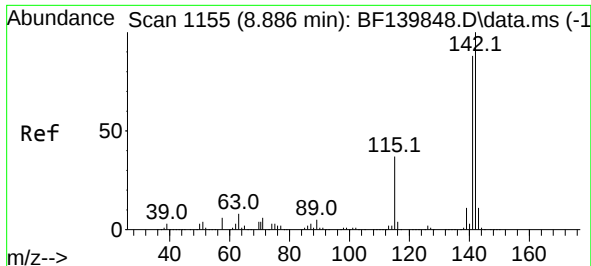
Ion Ratio Lower Upper

107 100

144 24.8 19.1 28.7

142 73.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 48.576 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

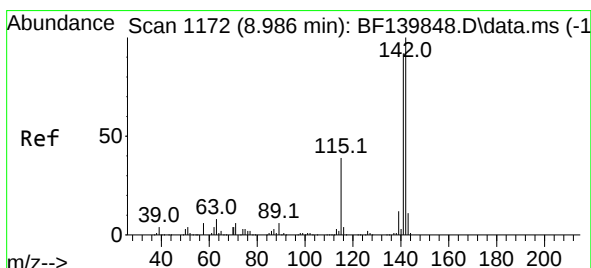
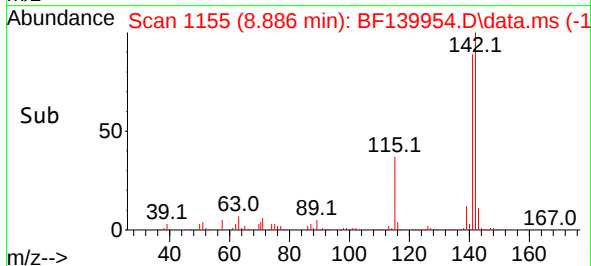
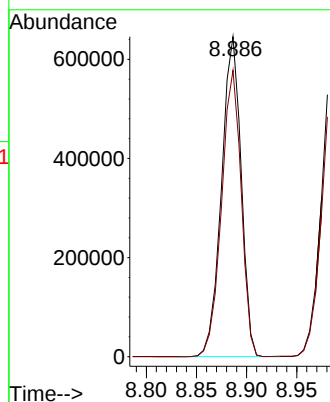
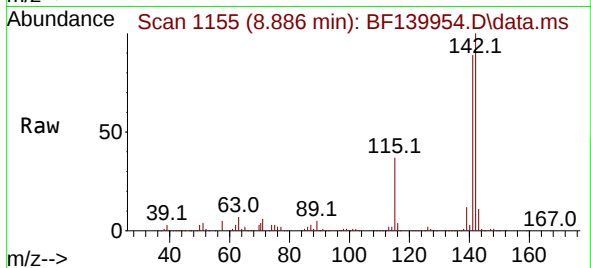
PB164020BS

Tgt Ion:142 Resp: 876755

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2



#38

1-Methylnaphthalene

Concen: 46.680 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139954.D

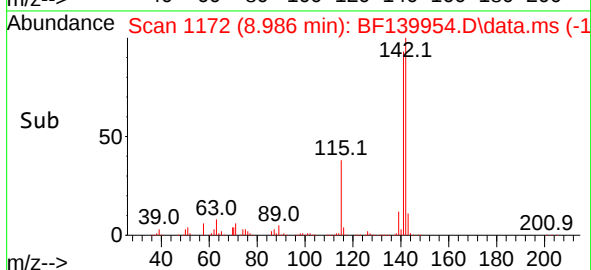
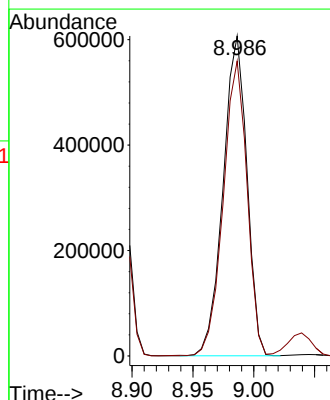
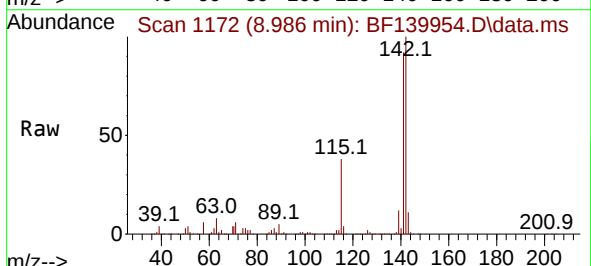
Acq: 23 Oct 2024 10:17

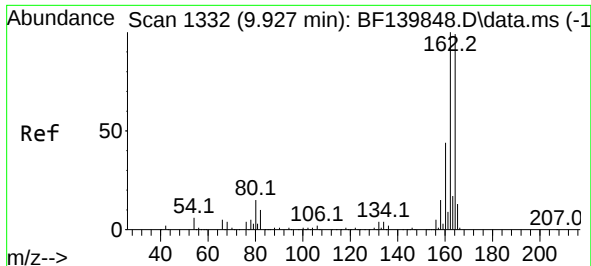
Tgt Ion:142 Resp: 826629

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

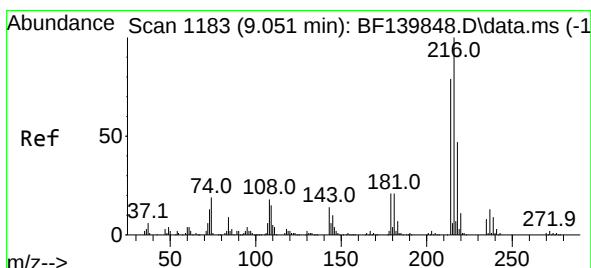
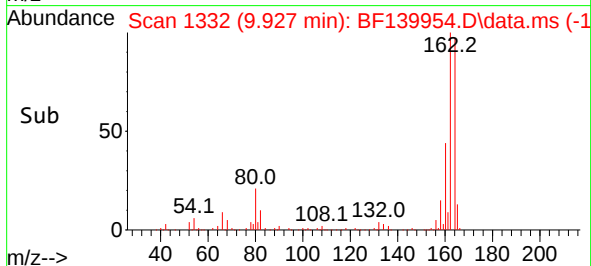
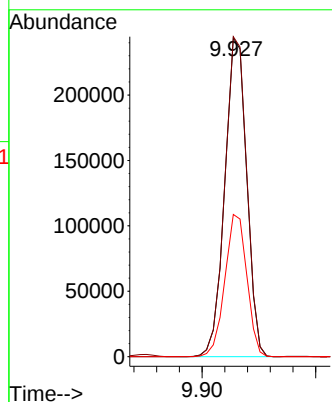
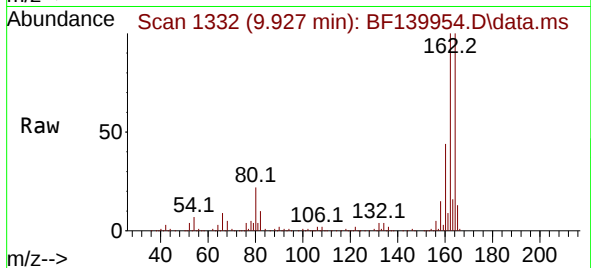
Tgt Ion:164 Resp: 326976

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 44.6 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.935 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Tgt Ion:216 Resp: 414030

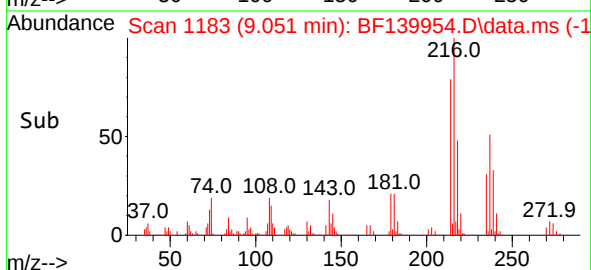
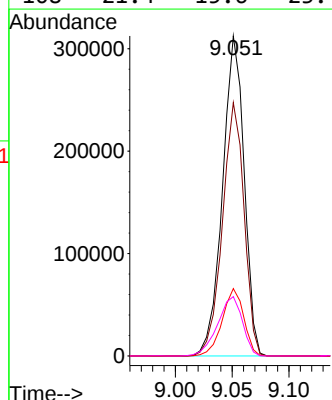
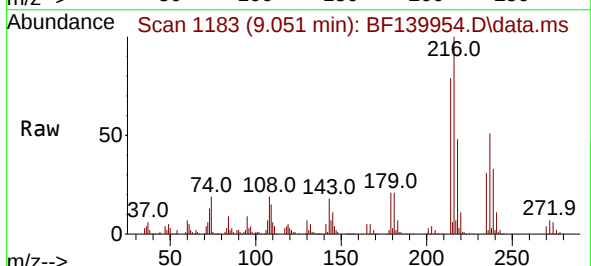
Ion Ratio Lower Upper

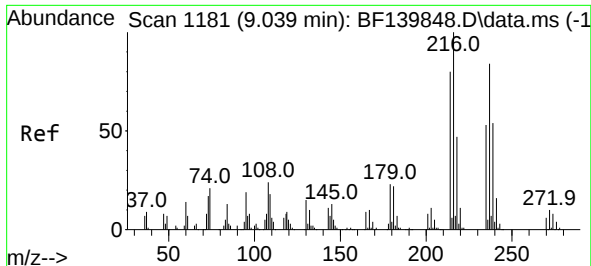
216 100

214 79.1 63.4 95.0

179 21.0 17.2 25.8

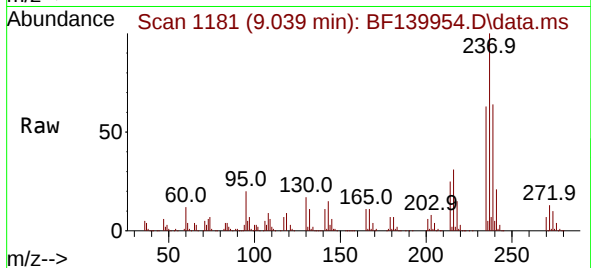
108 21.4 15.6 23.4



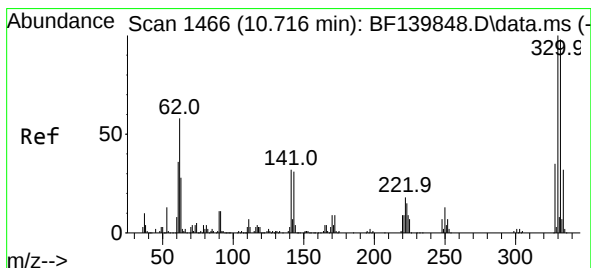
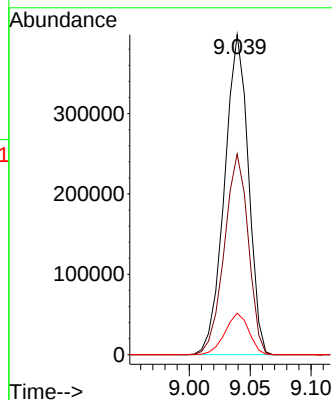
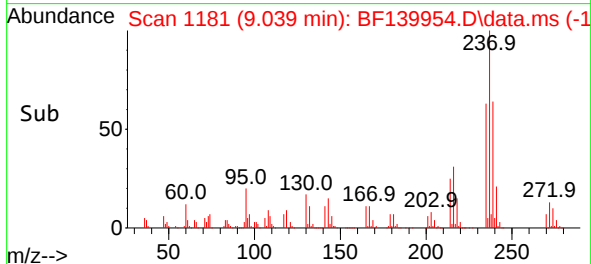


#41
Hexachlorocyclopentadiene
Concen: 177.056 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

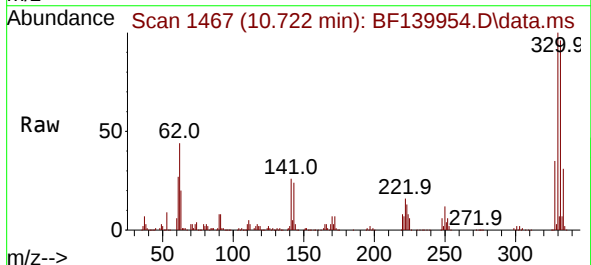
Instrument :
BNA_F
ClientSampleId :
PB164020BS



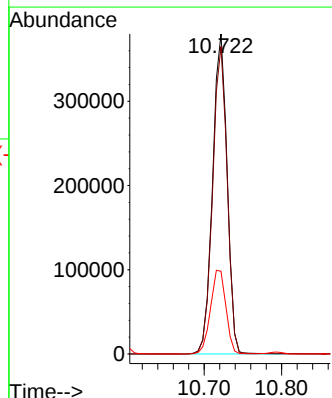
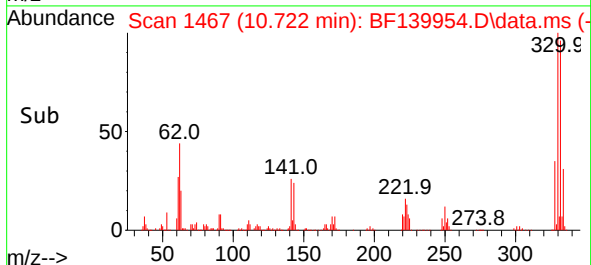
Tgt Ion:237 Resp: 543455
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 12.9 0.0 32.3

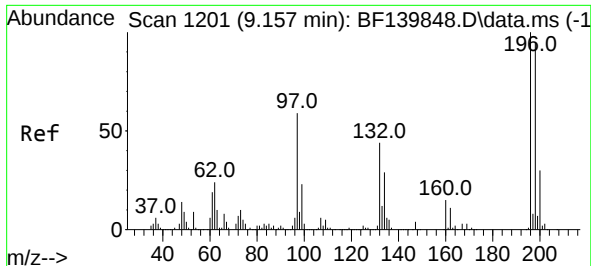


#42
2,4,6-Tribromophenol
Concen: 161.493 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17



Tgt Ion:330 Resp: 493916
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 27.8 26.6 39.8

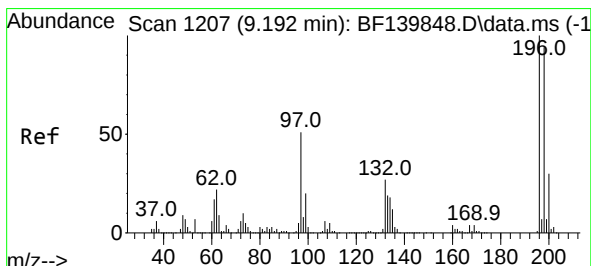
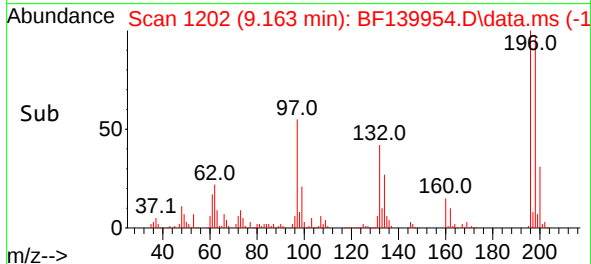
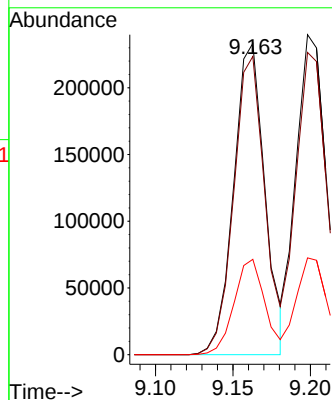
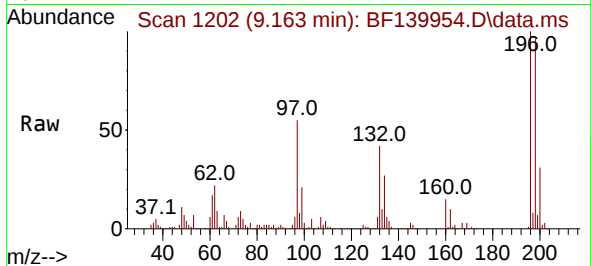




#43
2,4,6-Trichlorophenol
Concen: 52.270 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

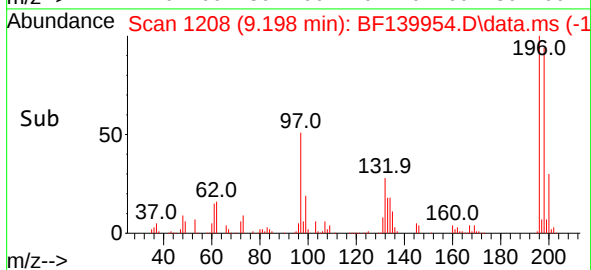
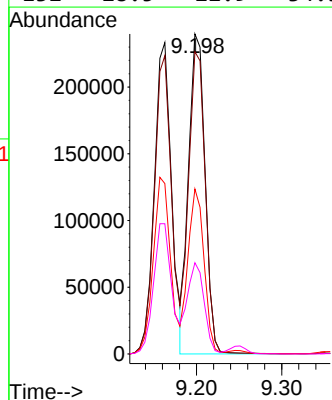
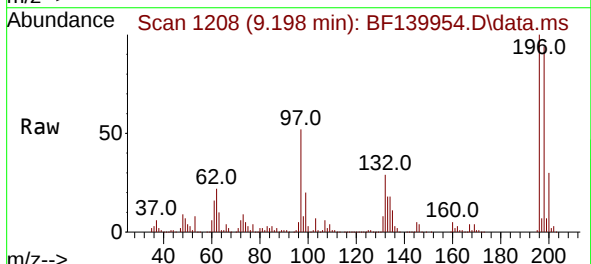
Instrument :
BNA_F
ClientSampleId :
PB164020BS

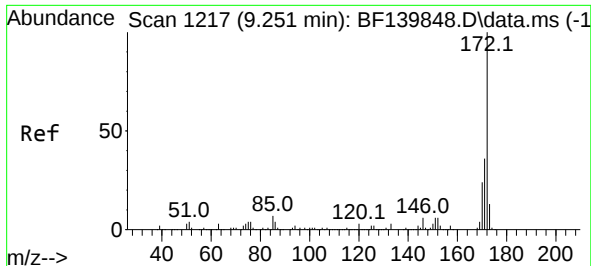
Tgt Ion:196 Resp: 326446
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.2
200 30.6 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 50.129 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:196 Resp: 323007
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
97 51.6 41.8 62.6
132 28.5 22.9 34.3

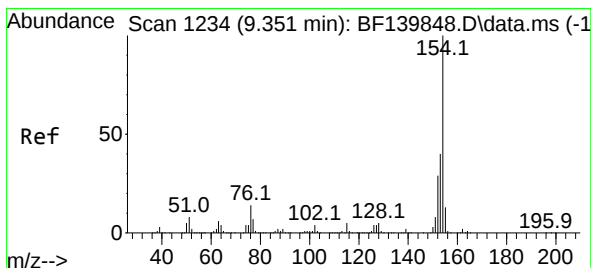
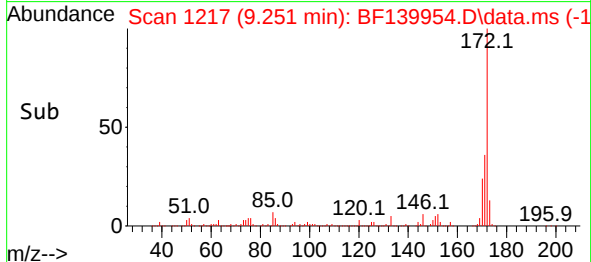
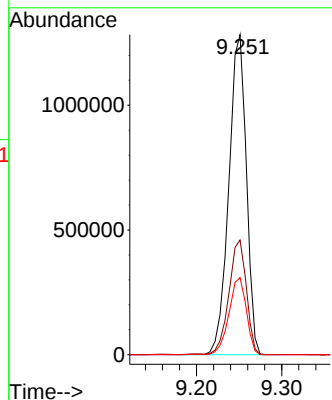
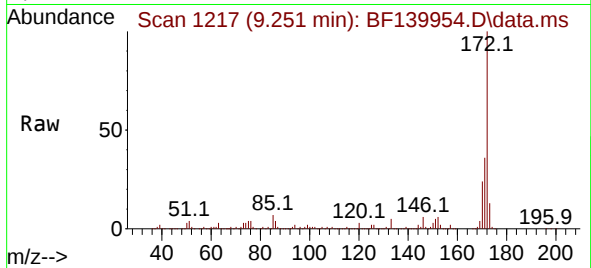




#45
2-Fluorobiphenyl
Concen: 92.628 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

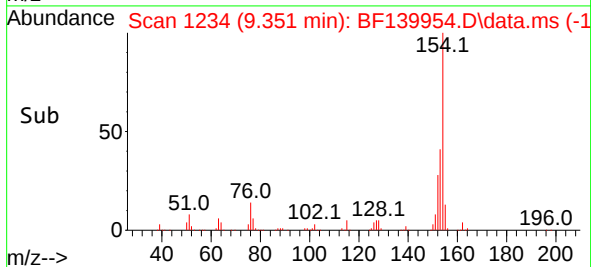
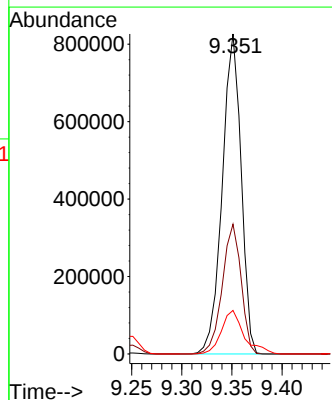
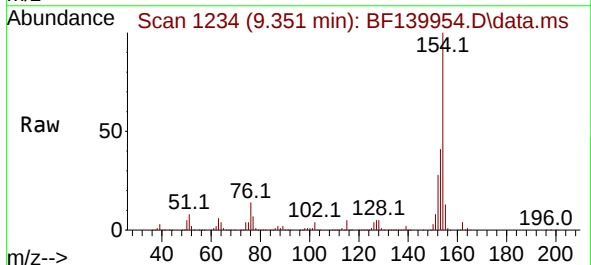
Instrument :
BNA_F
ClientSampleId :
PB164020BS

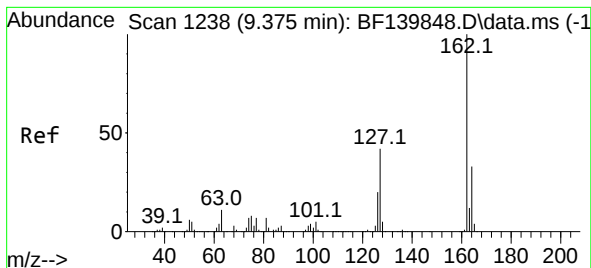
Tgt Ion:172 Resp: 1832596
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 47.425 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:154 Resp: 1079499
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.791 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

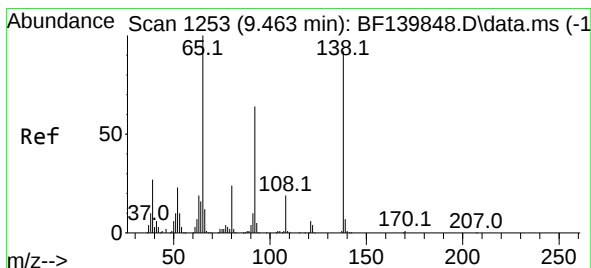
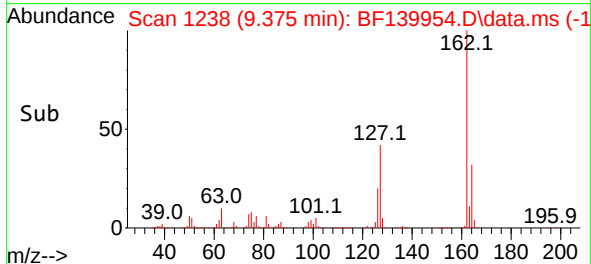
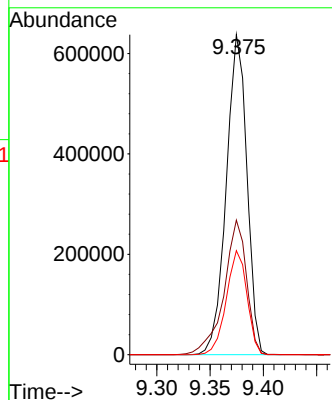
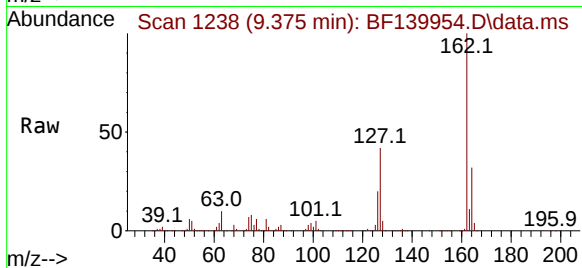
Tgt Ion:162 Resp: 857824

Ion Ratio Lower Upper

162 100

127 42.1 33.8 50.6

164 32.5 26.6 39.8



#48

2-Nitroaniline

Concen: 54.617 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

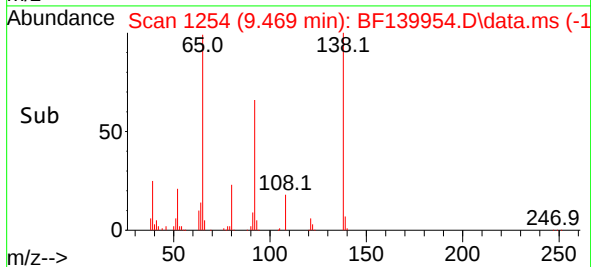
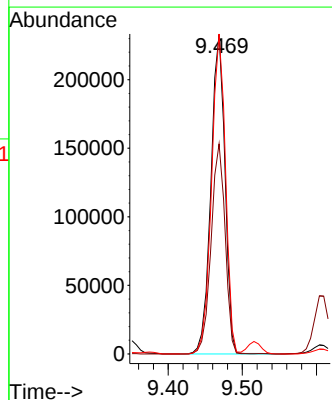
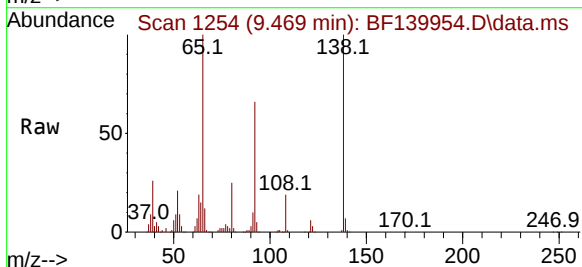
Tgt Ion: 65 Resp: 306241

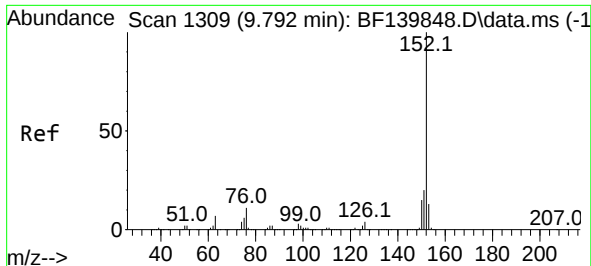
Ion Ratio Lower Upper

65 100

92 65.7 50.9 76.3

138 100.2 73.4 110.0

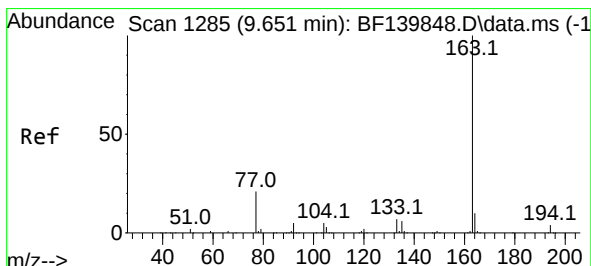
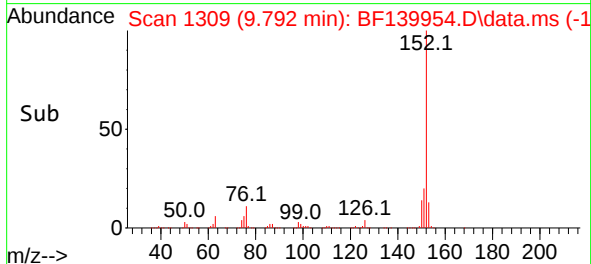
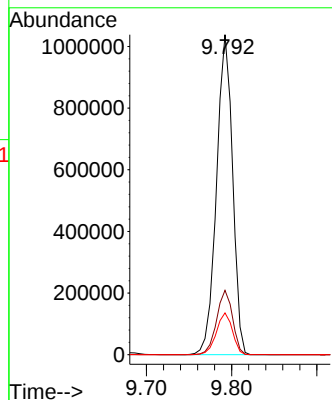
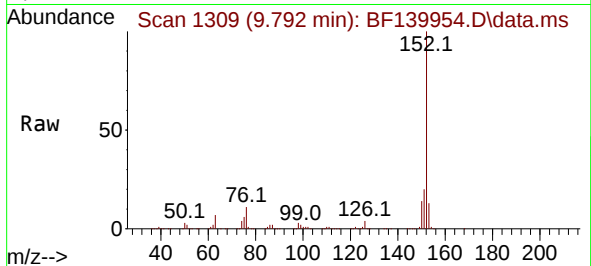




#49
Acenaphthylene
Concen: 51.258 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

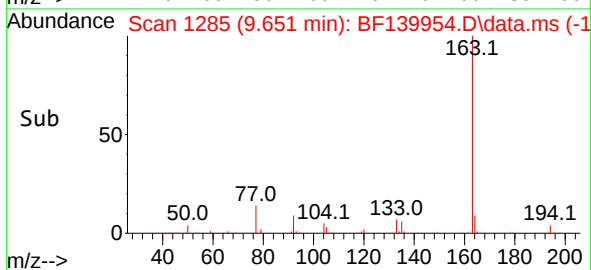
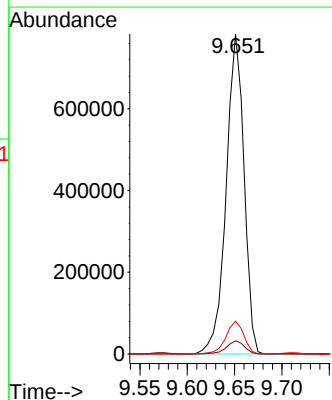
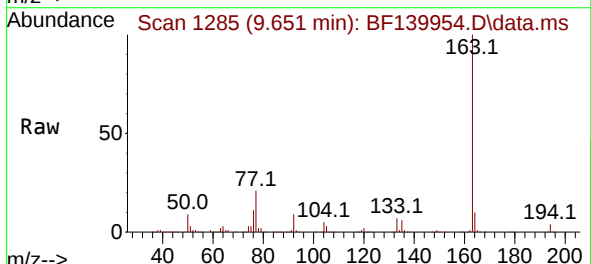
Instrument :
BNA_F
ClientSampleId :
PB164020BS

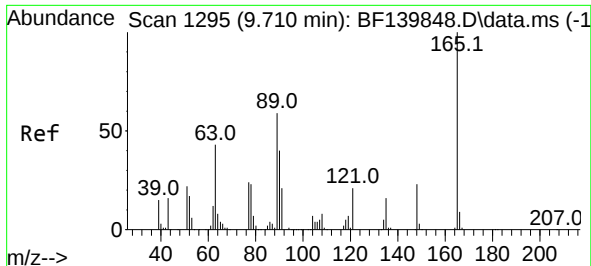
Tgt Ion:152 Resp: 1358548
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.7 16.1



#50
Dimethylphthalate
Concen: 50.437 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:163 Resp: 1027223
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.2

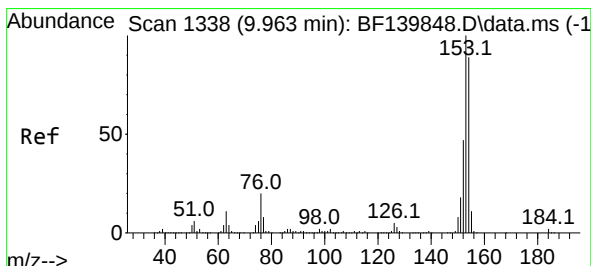
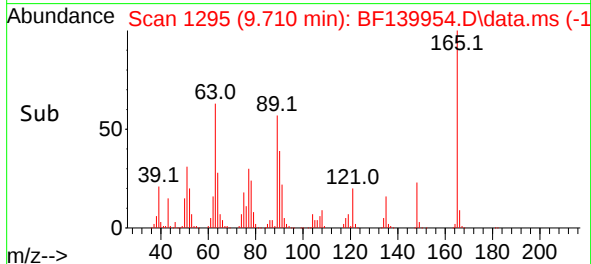
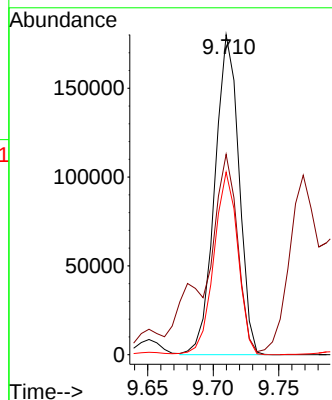
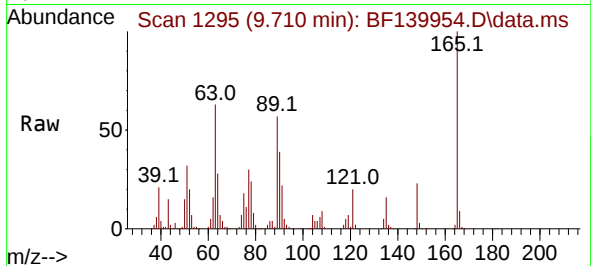




#51
2,6-Dinitrotoluene
Concen: 52.196 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

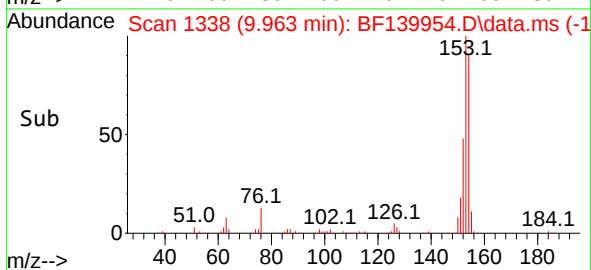
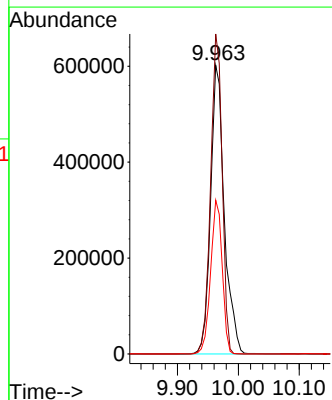
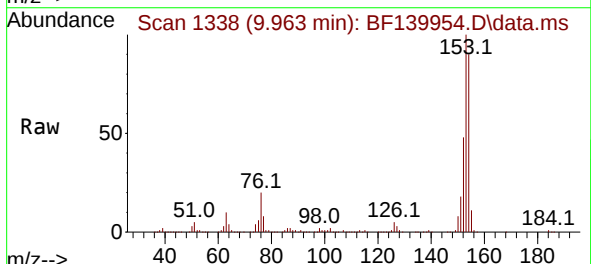
Instrument :
BNA_F
ClientSampleId :
PB164020BS

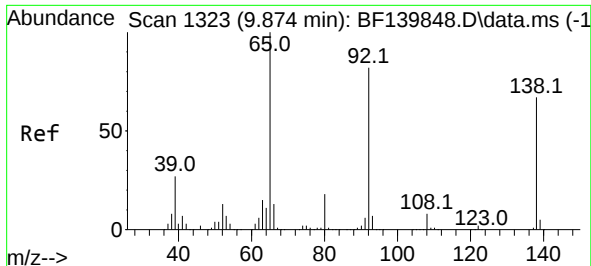
Tgt Ion:165 Resp: 230175
Ion Ratio Lower Upper
165 100
63 62.6 50.6 75.8
89 57.0 47.5 71.3



#52
Acenaphthene
Concen: 55.119 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:154 Resp: 945044
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.6
152 53.3 42.4 63.6

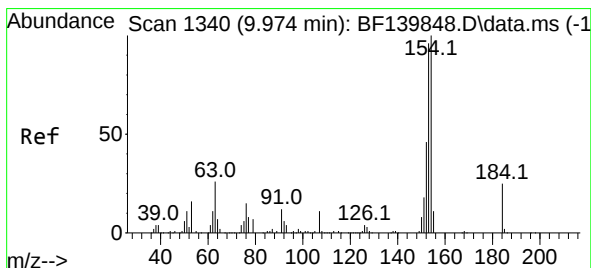
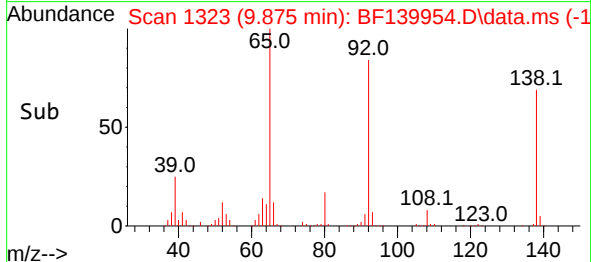
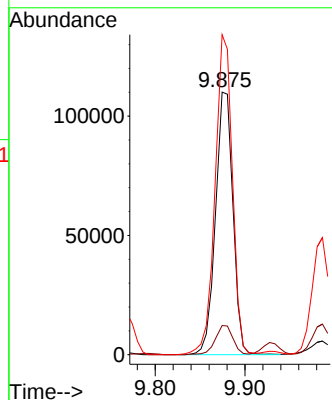
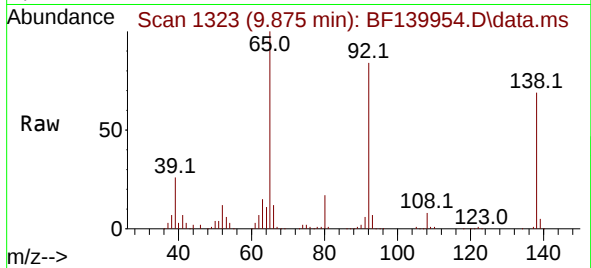




#53
3-Nitroaniline
Concen: 32.732 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

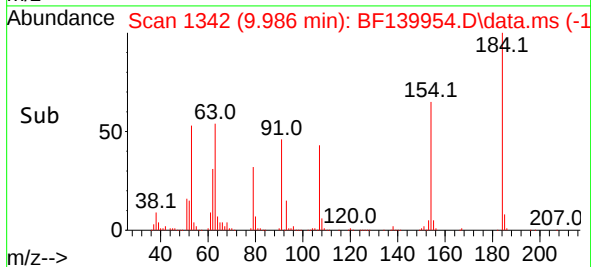
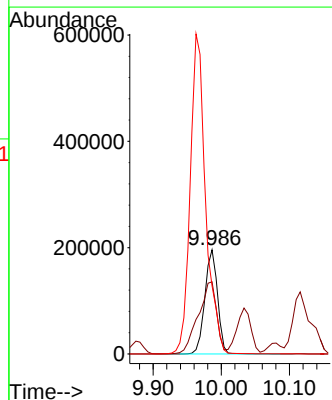
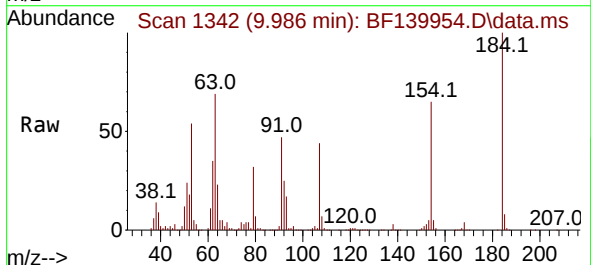
Instrument :
BNA_F
ClientSampleId :
PB164020BS

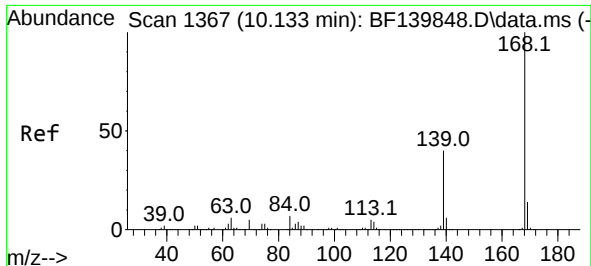
Tgt Ion:138 Resp: 148850
Ion Ratio Lower Upper
138 100
108 11.1 10.2 15.2
92 121.9 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 134.144 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:184 Resp: 254590
Ion Ratio Lower Upper
184 100
63 69.3 84.7 127.1#
154 65.4 338.2 507.2#

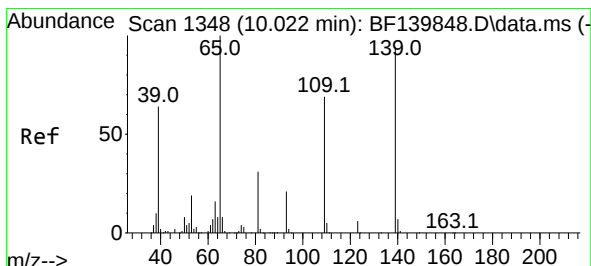
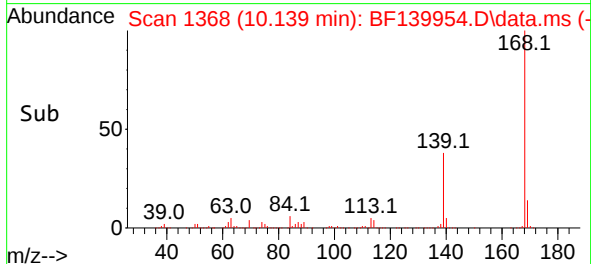
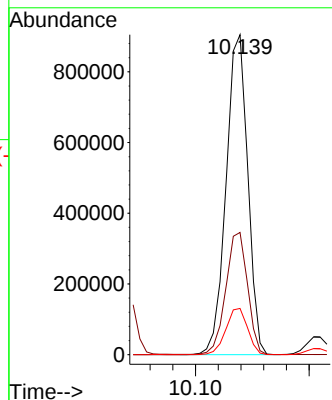
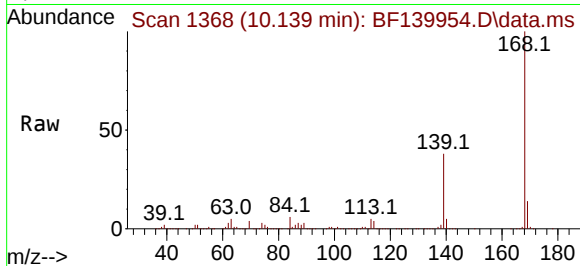




#55
Dibenzenofuran
Concen: 48.687 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

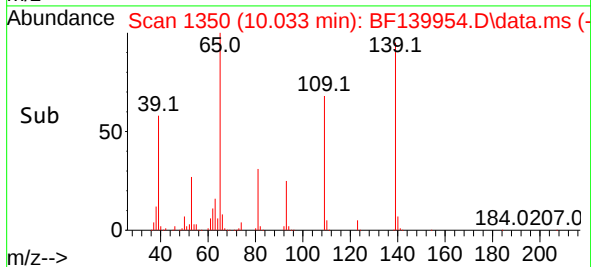
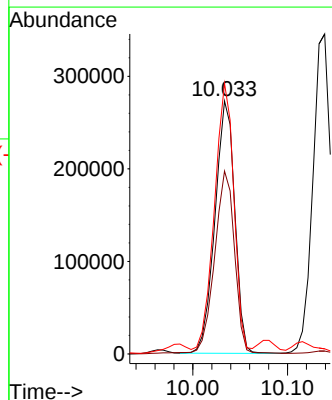
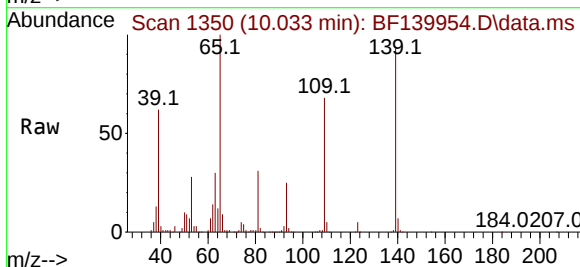
Instrument :
BNA_F
ClientSampleId :
PB164020BS

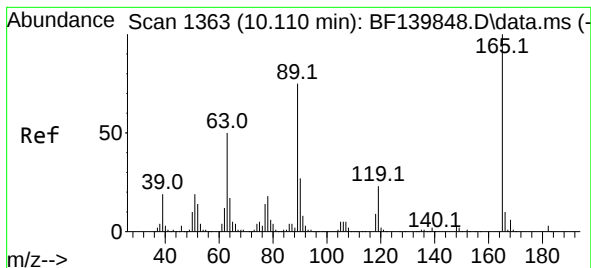
Tgt Ion:168 Resp: 1197693
Ion Ratio Lower Upper
168 100
139 38.2 31.8 47.6
169 14.4 11.6 17.4



#56
4-Nitrophenol
Concen: 113.346 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:139 Resp: 396563
Ion Ratio Lower Upper
139 100
109 72.3 53.6 93.6
65 107.0 87.8 127.8

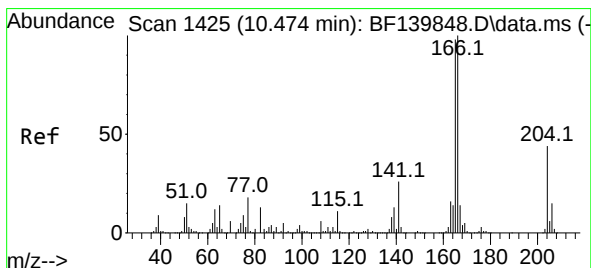
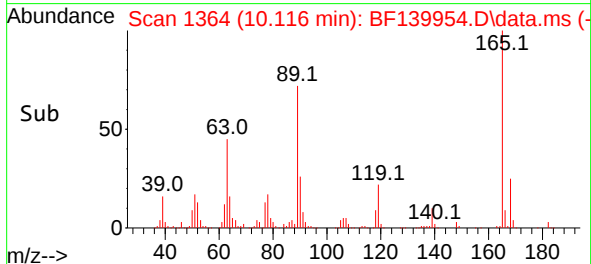
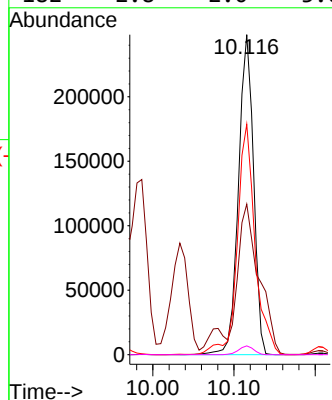
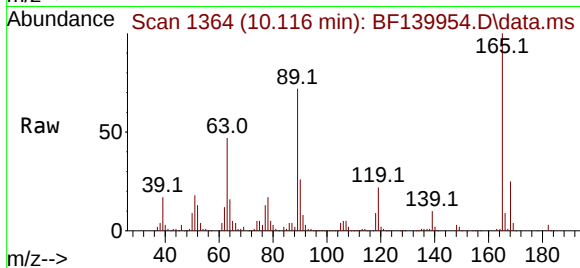




#57
2,4-Dinitrotoluene
Concen: 58.590 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

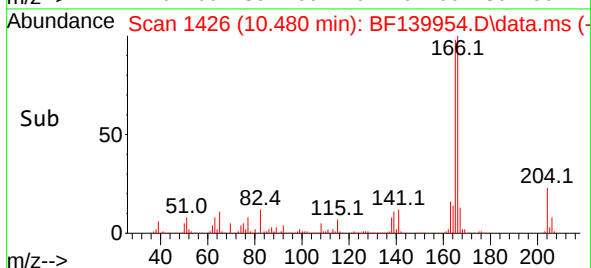
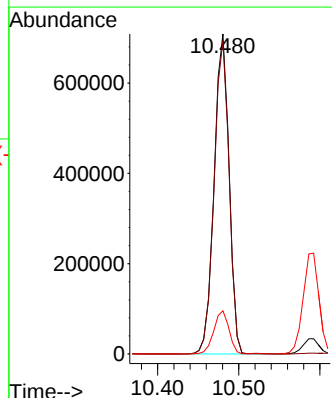
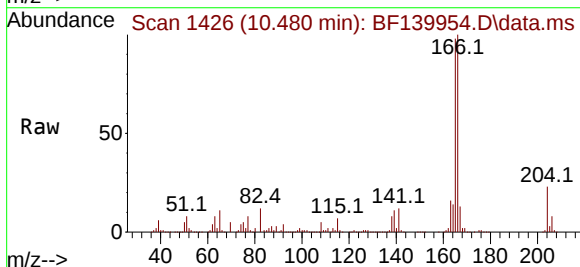
Instrument :
BNA_F
ClientSampleId :
PB164020BS

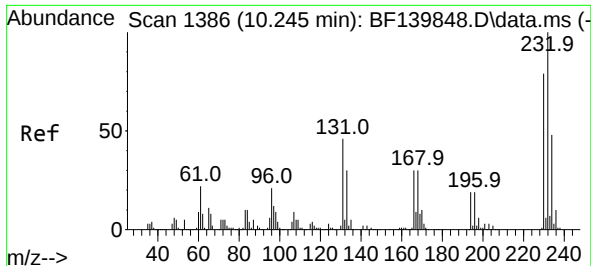
Tgt Ion:165 Resp: 317728
Ion Ratio Lower Upper
165 100
63 47.0 40.1 60.1
89 72.0 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 48.507 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:166 Resp: 908854
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.5 10.9 16.3

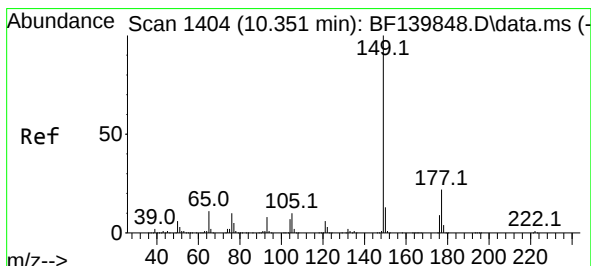
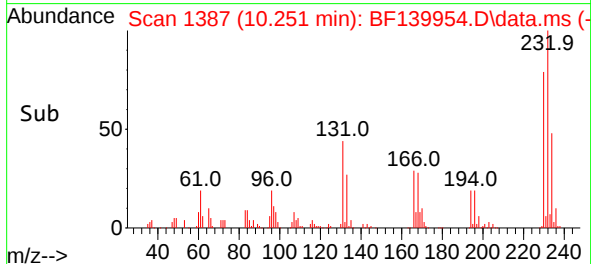
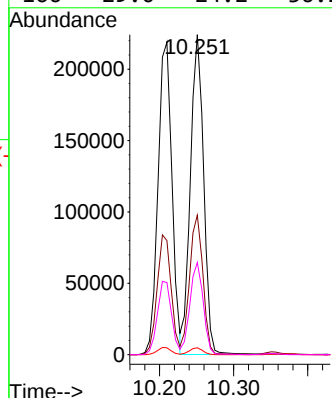
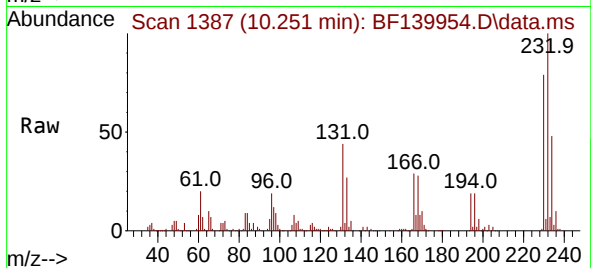




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.124 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

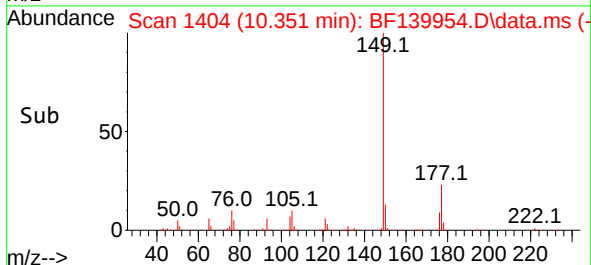
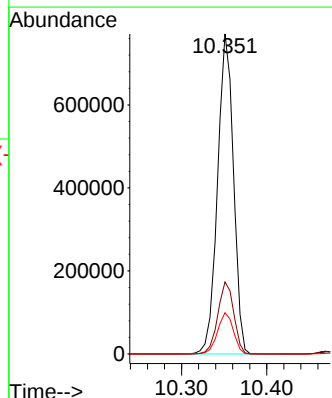
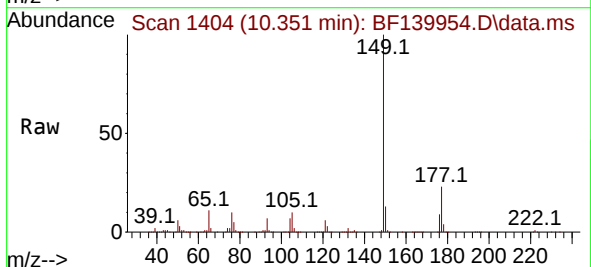
Instrument :
BNA_F
ClientSampleId :
PB164020BS

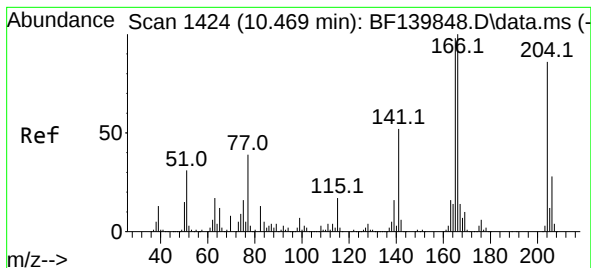
Tgt Ion:232 Resp: 278445
Ion Ratio Lower Upper
232 100
131 44.0 37.0 55.6
130 2.2 1.9 2.9
166 29.0 24.2 36.2



#60
Diethylphthalate
Concen: 50.166 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:149 Resp: 1003169
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.9 10.1 15.1

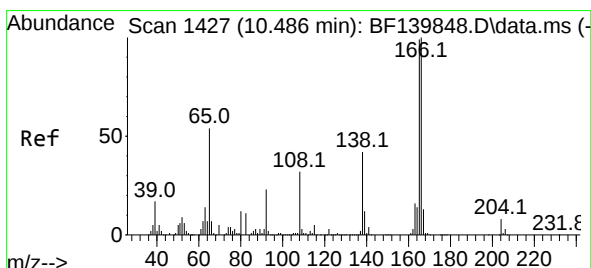
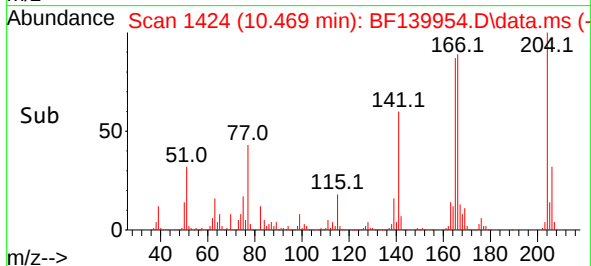
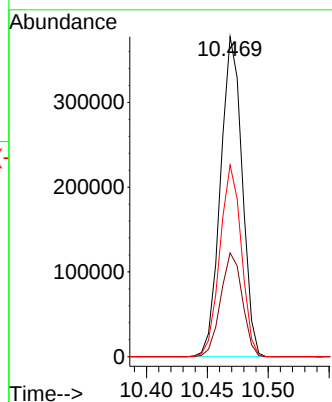
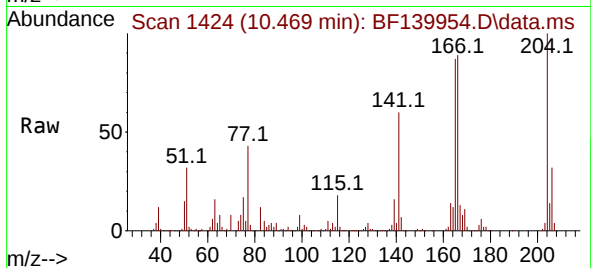




#61
4-Chlorophenyl-phenylether
Concen: 49.372 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

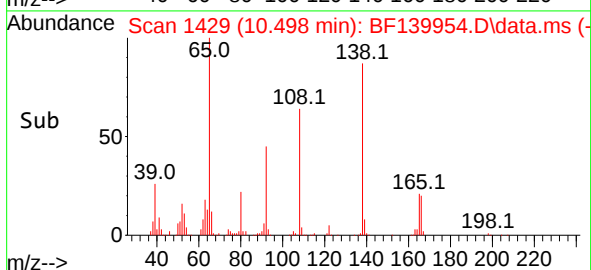
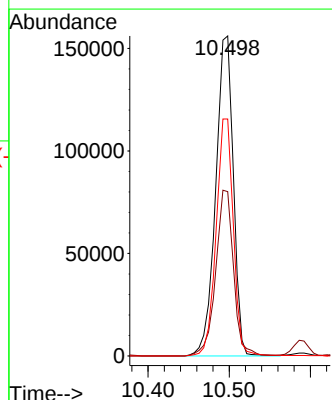
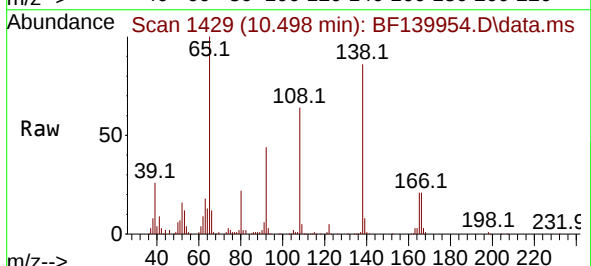
Instrument :
BNA_F
ClientSampleId :
PB164020BS

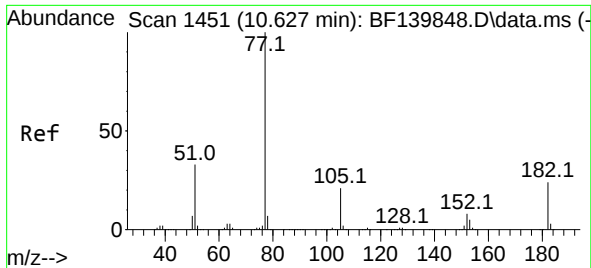
Tgt Ion:204 Resp: 467155
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 59.9 48.6 73.0



#62
4-Nitroaniline
Concen: 55.070 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:138 Resp: 236526
Ion Ratio Lower Upper
138 100
92 51.4 35.7 75.7
108 74.1 57.5 97.5



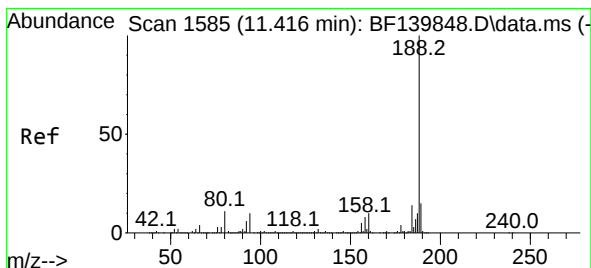
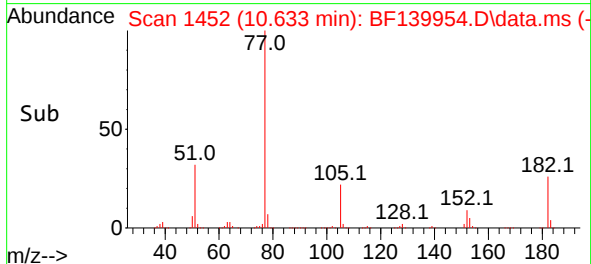
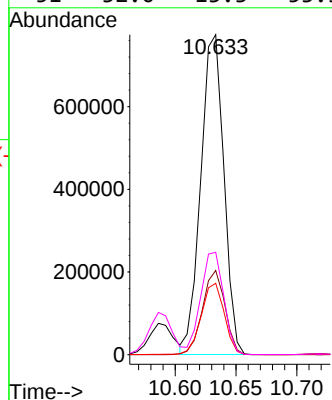
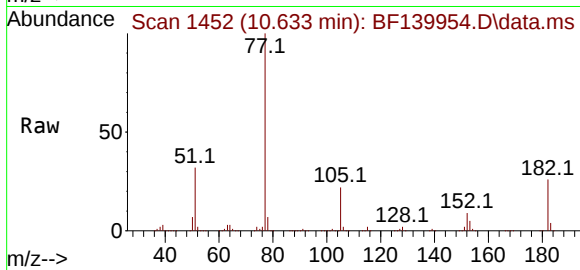


#63
Azobenzene
Concen: 48.303 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB164020BS

Tgt Ion: 77 Resp: 1024029

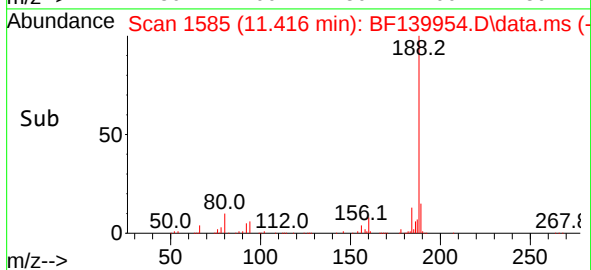
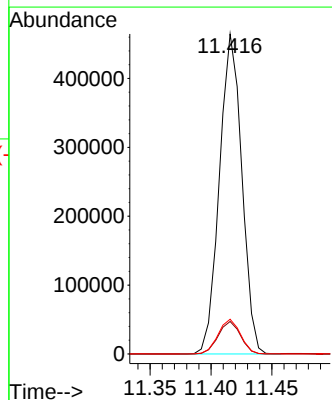
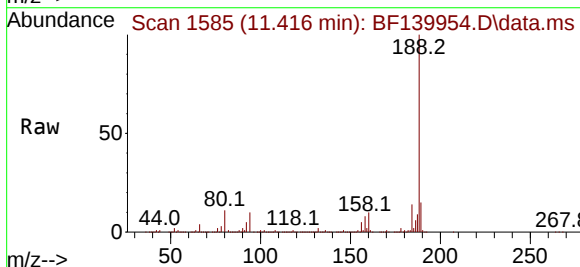
Ion	Ratio	Lower	Upper
77	100		
182	26.3	3.3	43.3
105	22.3	1.2	41.2
51	32.0	13.3	53.3

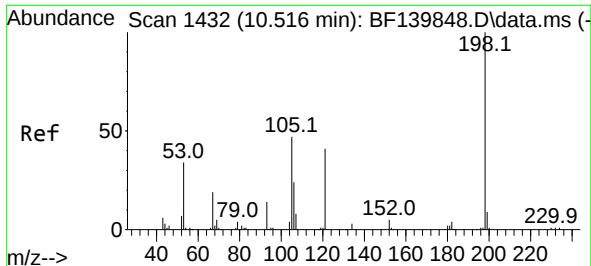


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion: 188 Resp: 595466

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	10.8	9.0	13.4

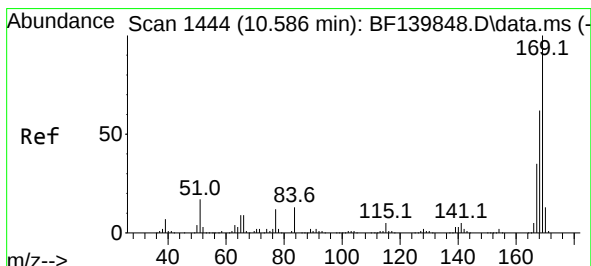
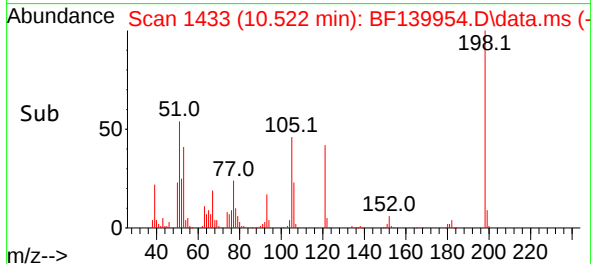
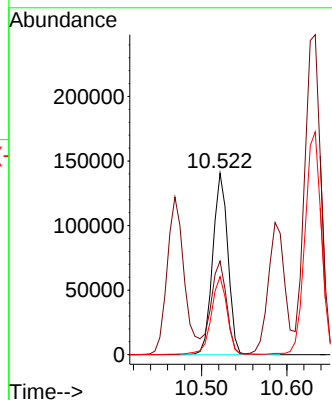
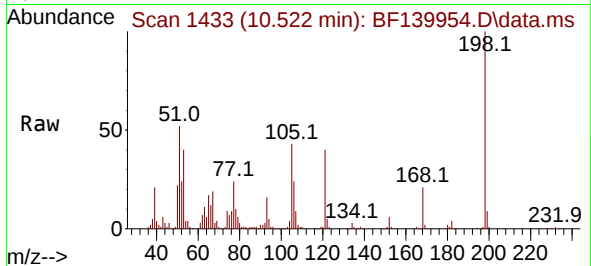




#65
4,6-Dinitro-2-methylphenol
Concen: 71.446 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

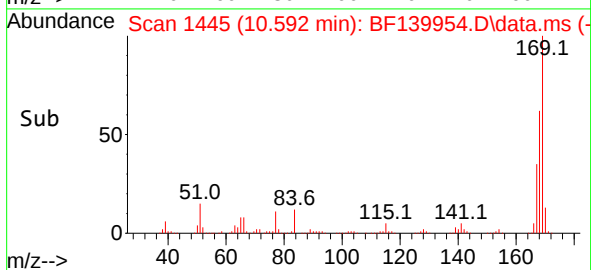
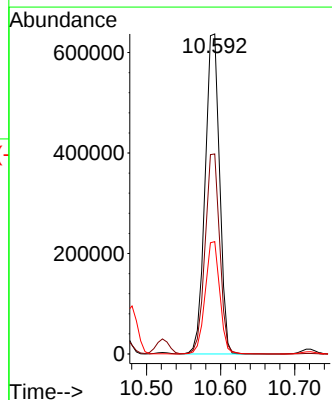
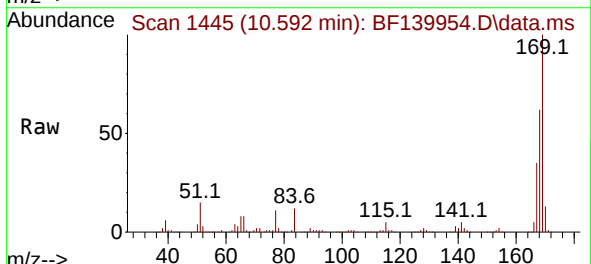
Instrument :
BNA_F
ClientSampleId :
PB164020BS

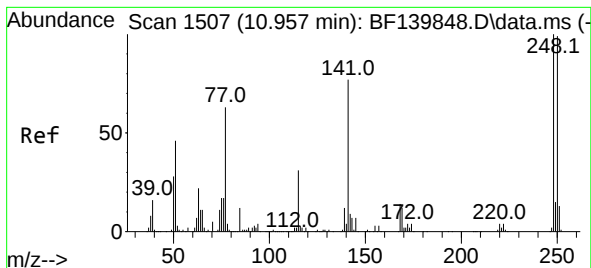
Tgt Ion:198 Resp: 173533
Ion Ratio Lower Upper
198 100
51 51.6 38.2 78.2
105 43.1 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 48.497 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:169 Resp: 864326
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 35.1 28.0 42.0

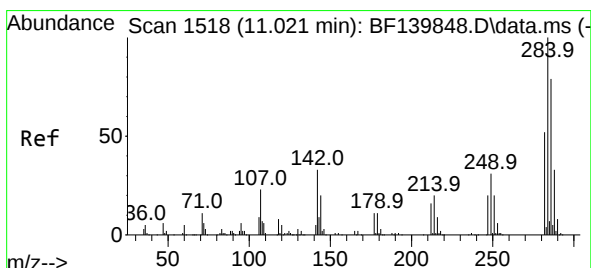
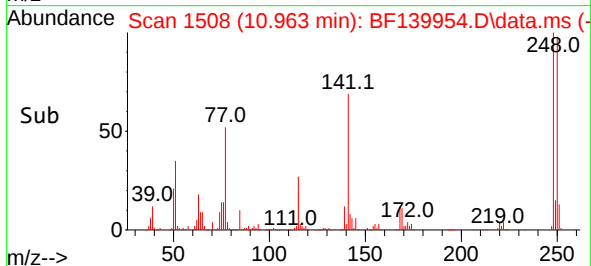
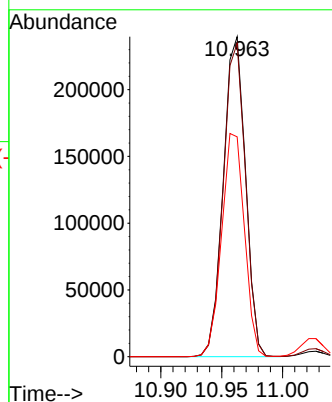
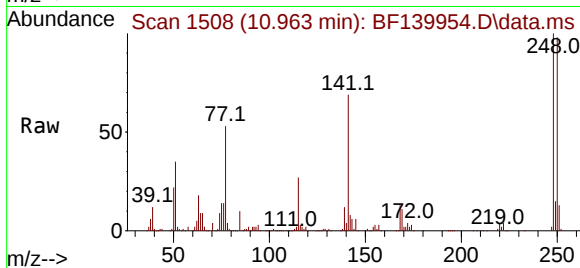




#67
4-Bromophenyl-phenylether
Concen: 49.789 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

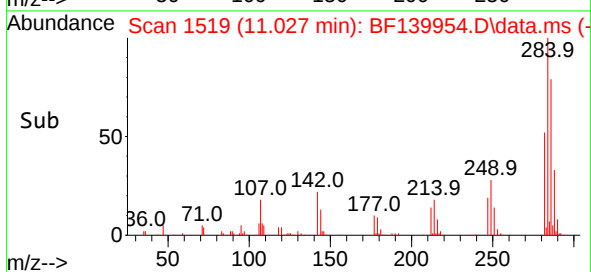
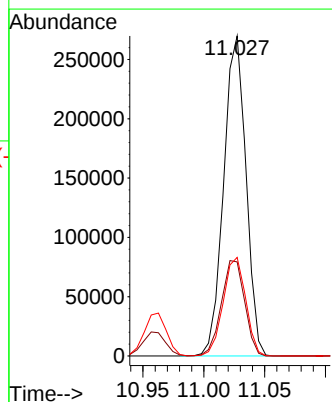
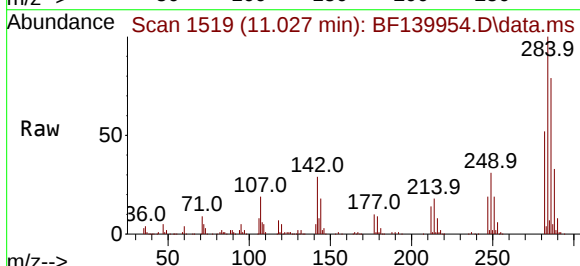
Instrument :
BNA_F
ClientSampleId :
PB164020BS

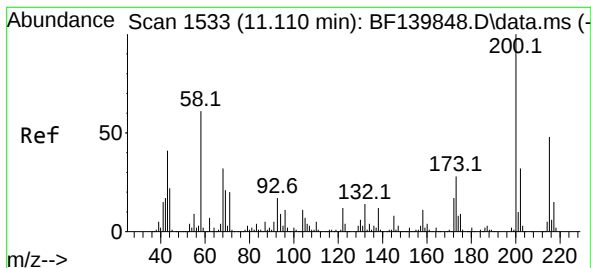
Tgt Ion:248 Resp: 305428
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 68.7 61.7 92.5



#68
Hexachlorobenzene
Concen: 49.779 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:284 Resp: 343434
Ion Ratio Lower Upper
284 100
142 29.4 26.9 40.3
249 30.8 25.3 37.9





#69

Atrazine

Concen: 59.918 ng

RT: 11.116 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

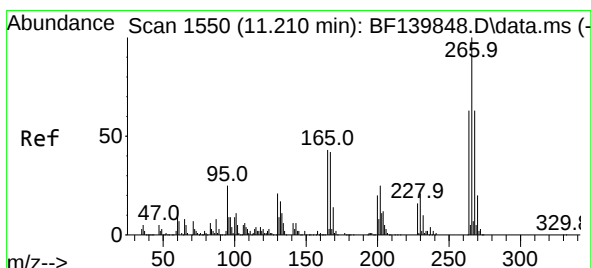
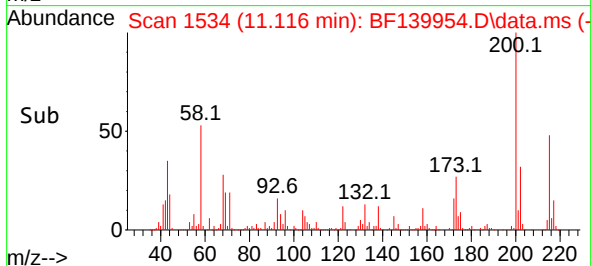
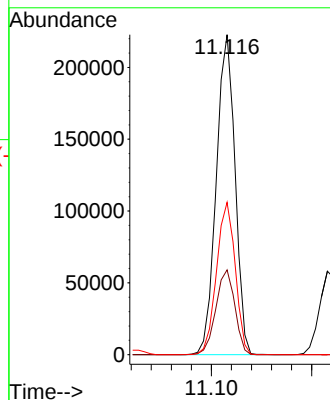
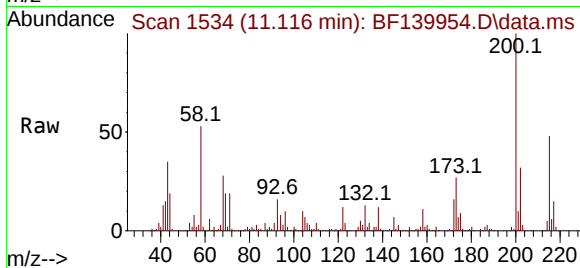
Tgt Ion:200 Resp: 289268

Ion Ratio Lower Upper

200 100

173 26.5 7.7 47.7

215 47.6 27.7 67.7



#70

Pentachlorophenol

Concen: 103.294 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

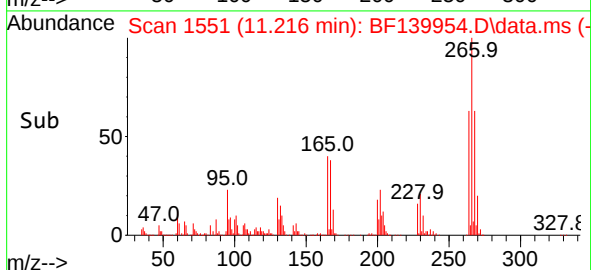
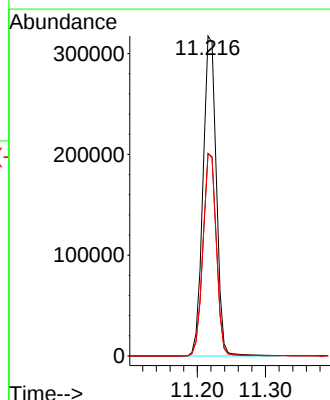
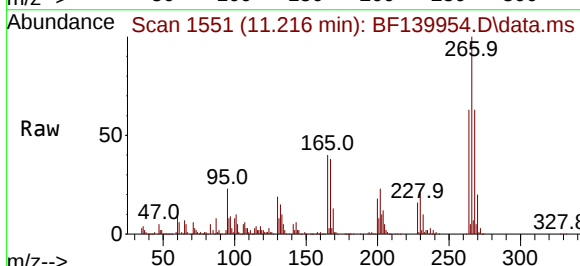
Tgt Ion:266 Resp: 432506

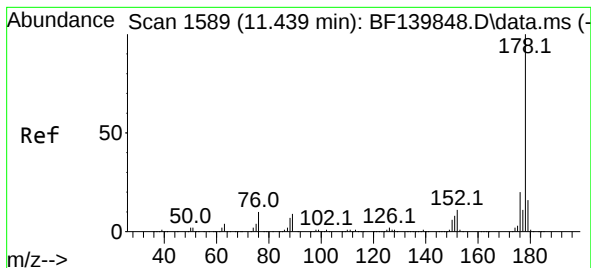
Ion Ratio Lower Upper

266 100

268 63.3 50.4 75.6

264 63.2 50.6 75.8

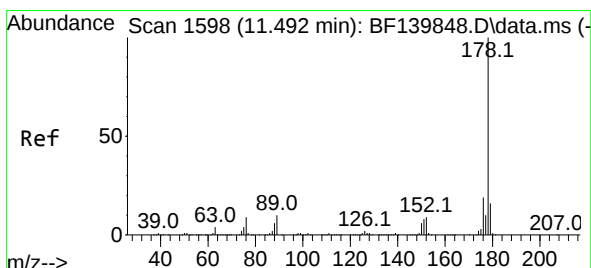
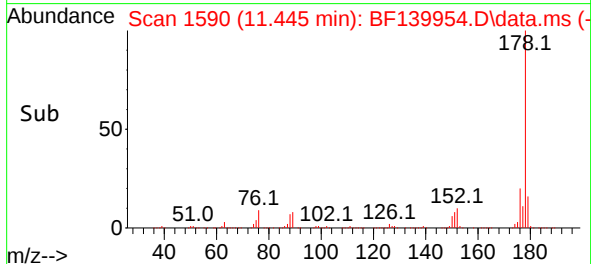
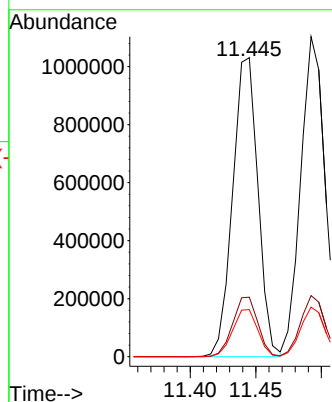
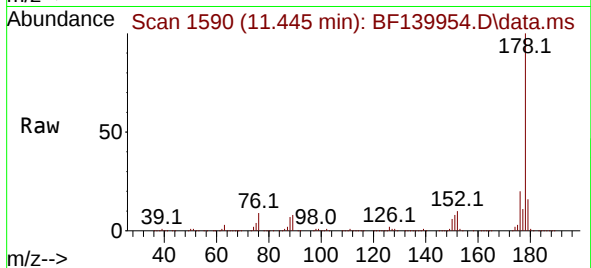




#71
Phenanthrene
Concen: 49.225 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

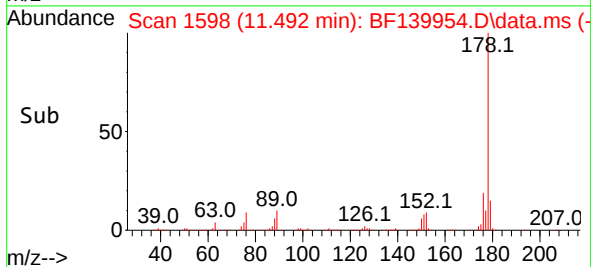
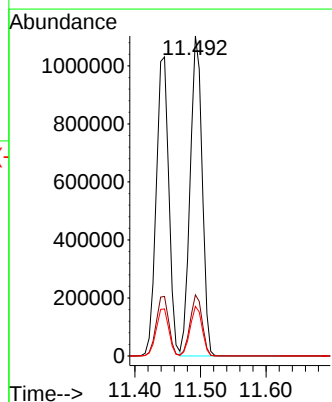
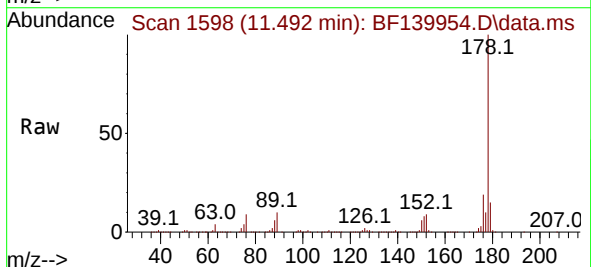
Instrument :
BNA_F
ClientSampleId :
PB164020BS

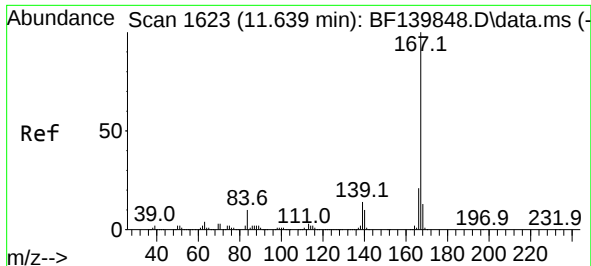
Tgt Ion:178 Resp: 1384572
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.7 12.6 18.8



#72
Anthracene
Concen: 51.057 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

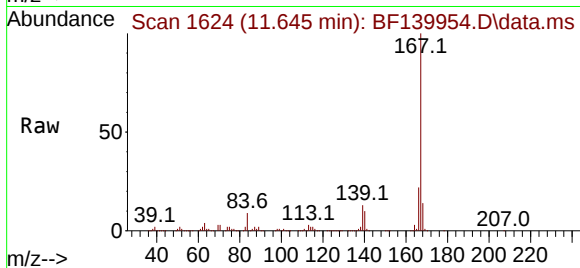
Tgt Ion:178 Resp: 1401170
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.4 18.6





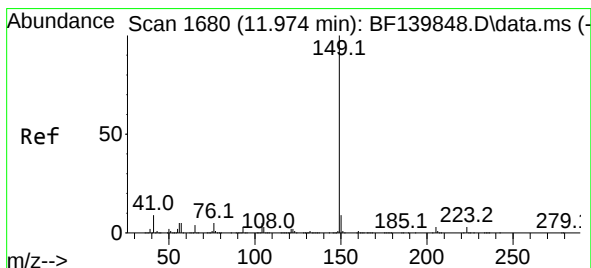
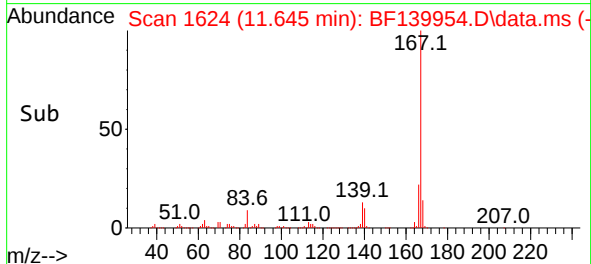
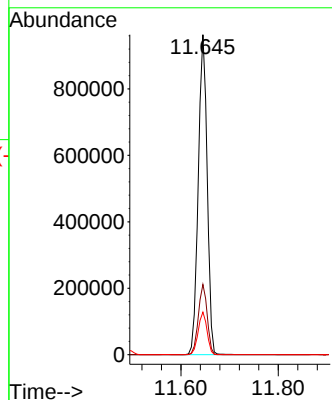
#73
 Carbazole
 Concen: 48.263 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF139954.D
 Acq: 23 Oct 2024 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB164020BS



Tgt Ion:167 Resp: 1231822

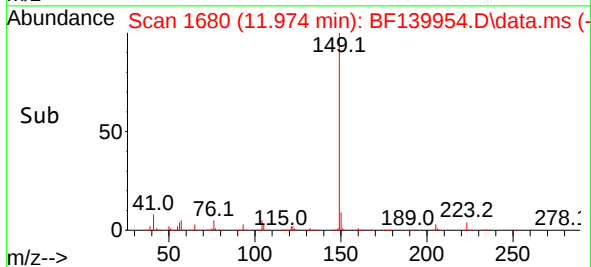
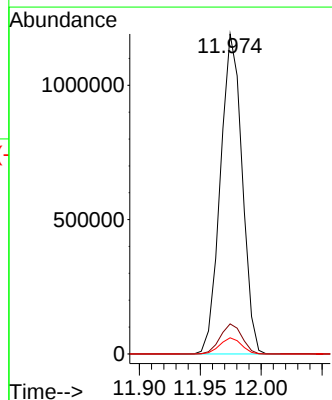
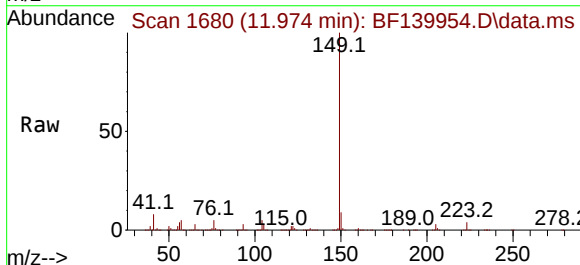
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	13.3	10.8	16.2

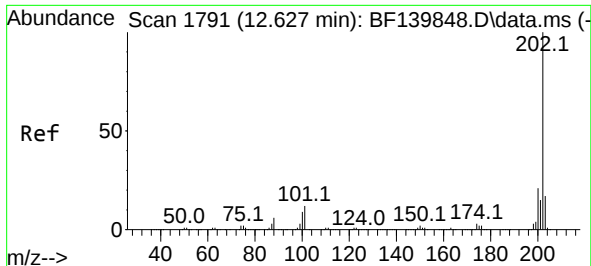


#74
 Di-n-butylphthalate
 Concen: 50.261 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139954.D
 Acq: 23 Oct 2024 10:17

Tgt Ion:149 Resp: 1482080

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.1	6.1

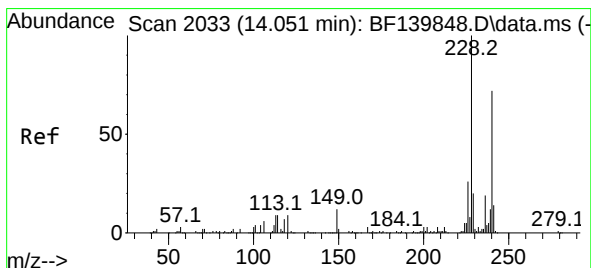
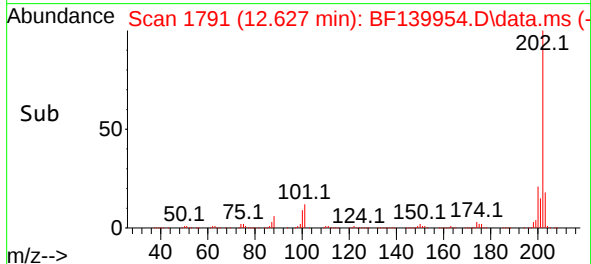
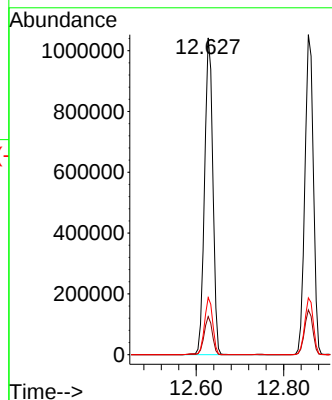
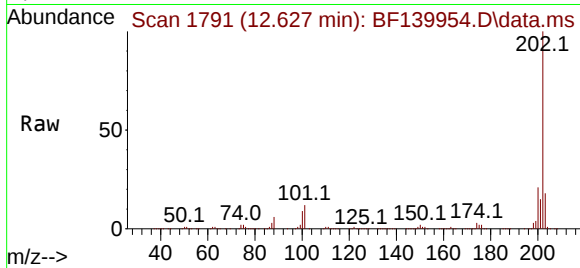




#75
Fluoranthene
Concen: 48.345 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

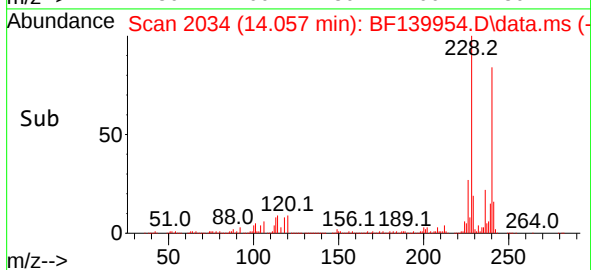
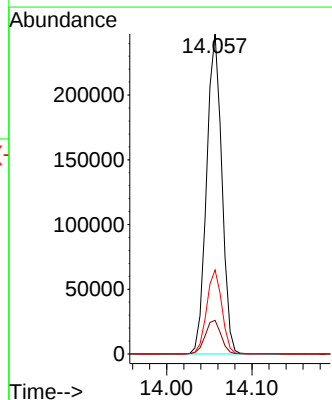
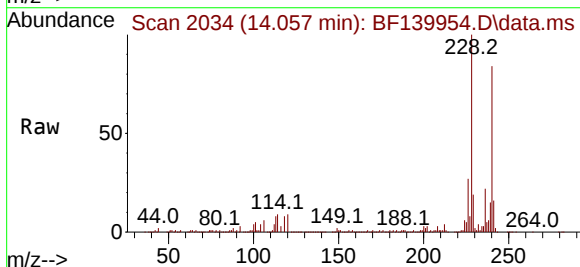
Instrument :
BNA_F
ClientSampleId :
PB164020BS

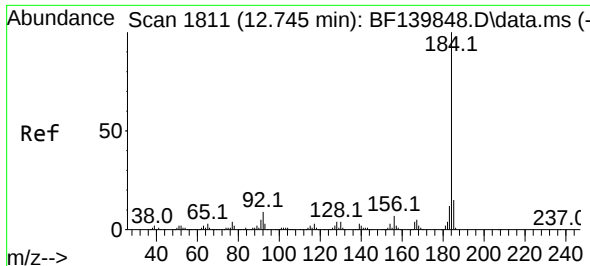
Tgt Ion:202 Resp: 1374663
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.9
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:240 Resp: 306351
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 26.3 20.9 31.3

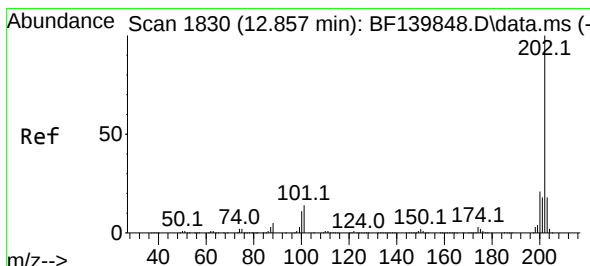
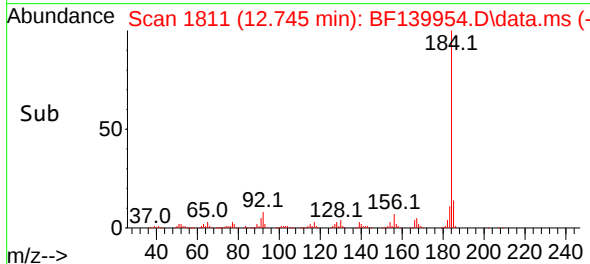
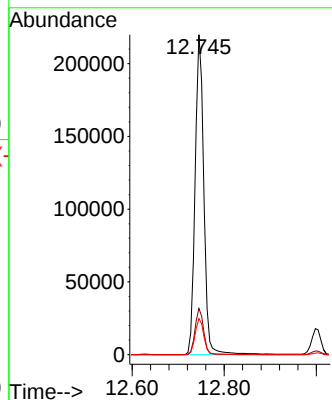
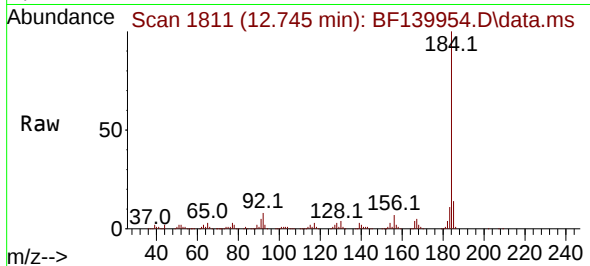




#77
Benzidine
Concen: 57.222 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

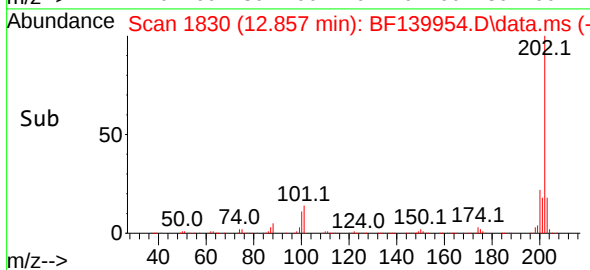
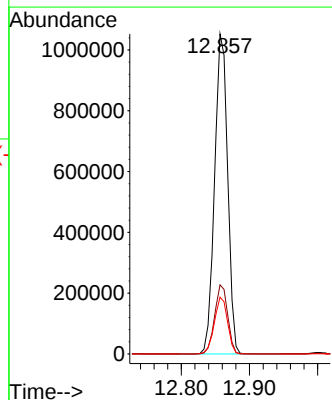
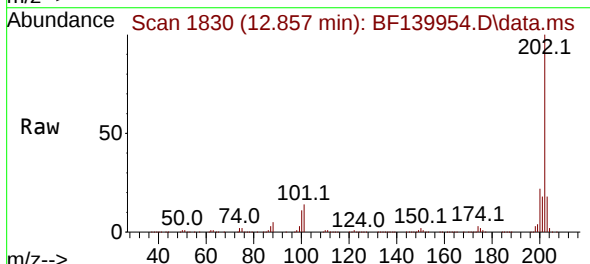
Instrument :
BNA_F
ClientSampleId :
PB164020BS

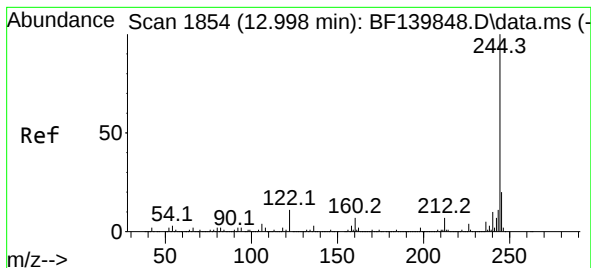
Tgt Ion:184 Resp: 288253
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 11.3 9.4 14.2



#78
Pyrene
Concen: 52.282 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:202 Resp: 1401990
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 105.445 ng

RT: 13.004 min Scan# 1854

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

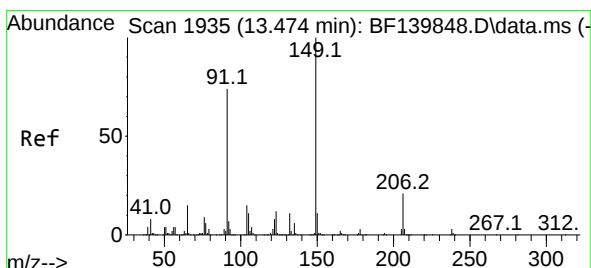
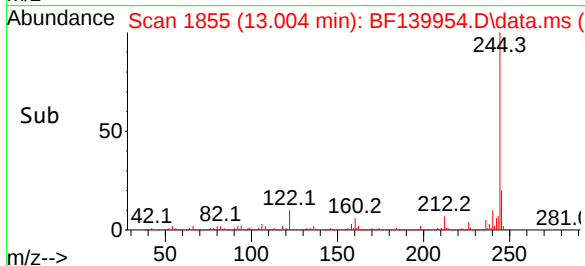
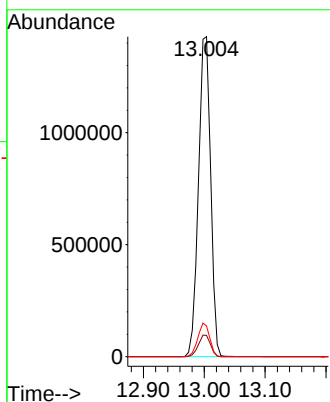
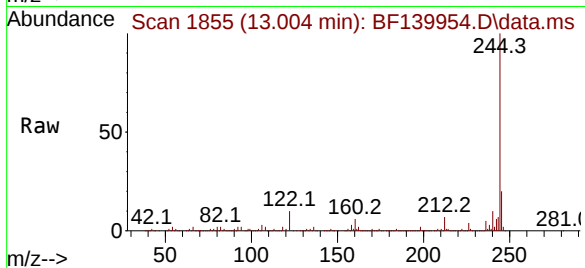
Tgt Ion:244 Resp: 1982414

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 9.6 8.6 13.0



#80

Butylbenzylphthalate

Concen: 56.511 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

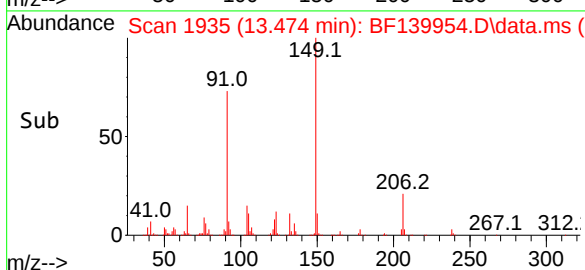
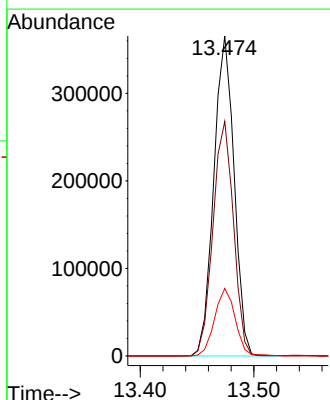
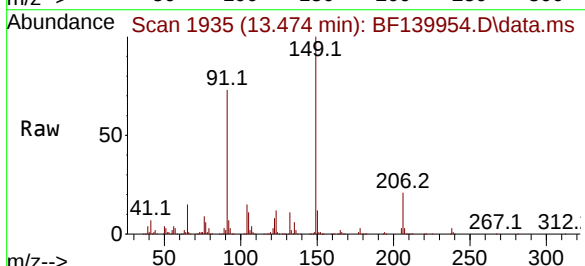
Tgt Ion:149 Resp: 454322

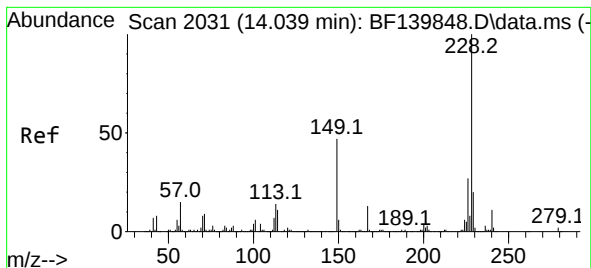
Ion Ratio Lower Upper

149 100

91 73.3 59.4 89.2

206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 51.610 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

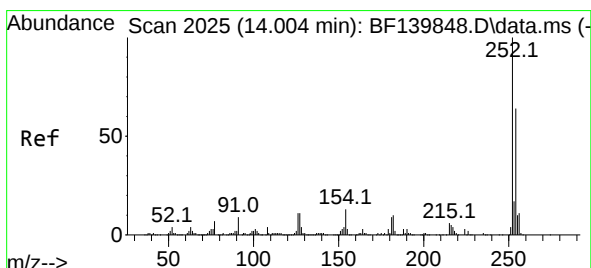
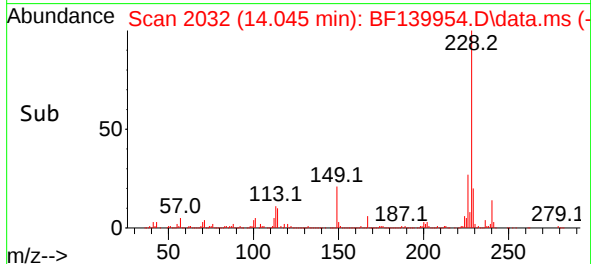
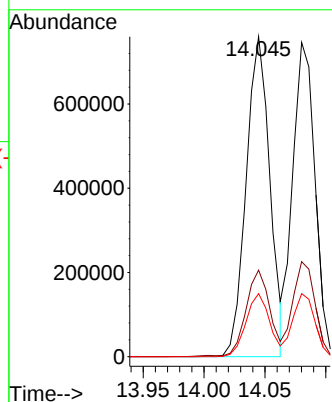
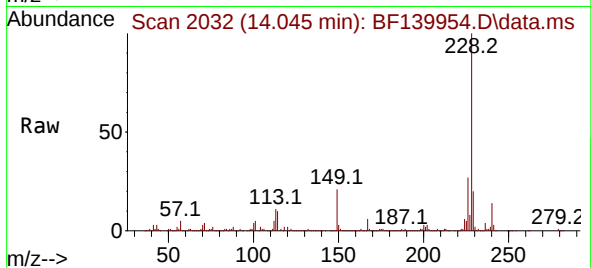
Tgt Ion:228 Resp: 1029234

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 35.510 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

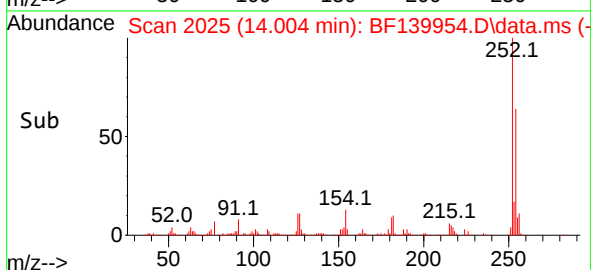
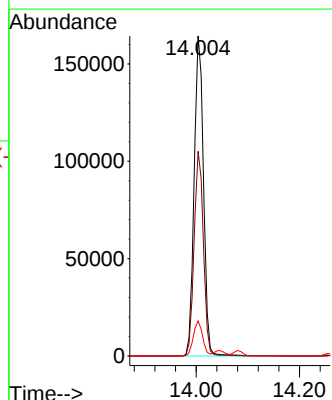
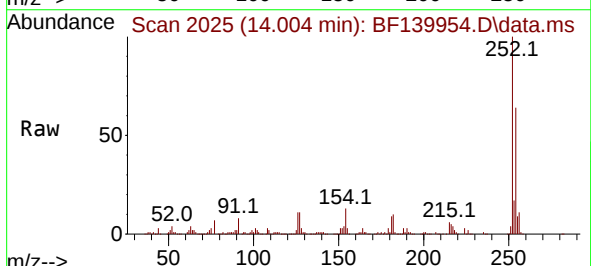
Tgt Ion:252 Resp: 206476

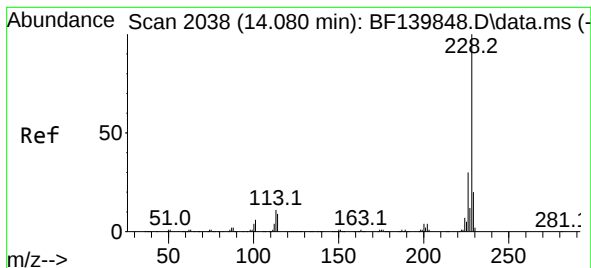
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 11.0 8.9 13.3





#83

Chrysene

Concen: 51.973 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

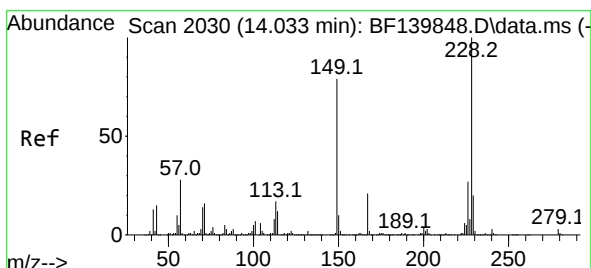
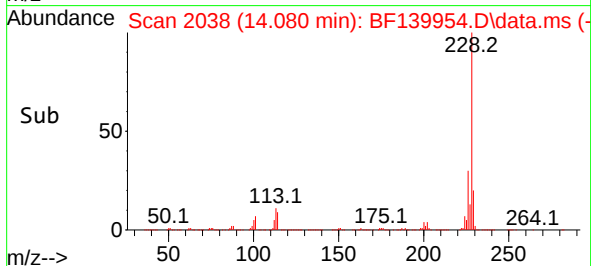
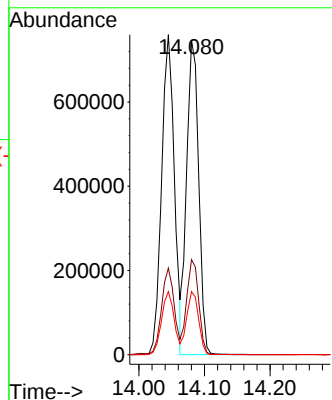
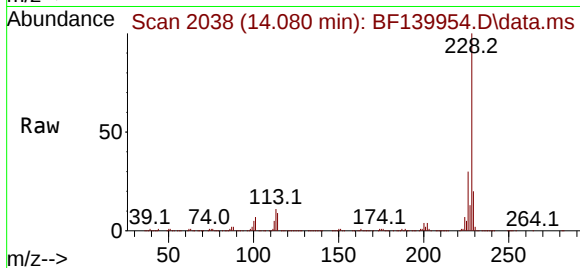
Tgt Ion:228 Resp: 950325

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.901 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

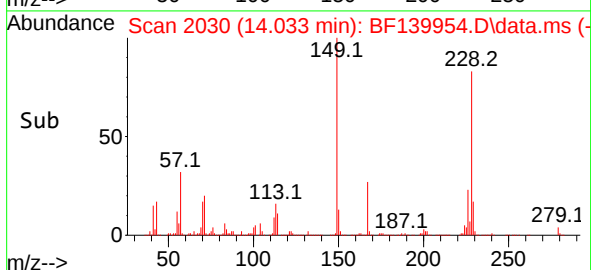
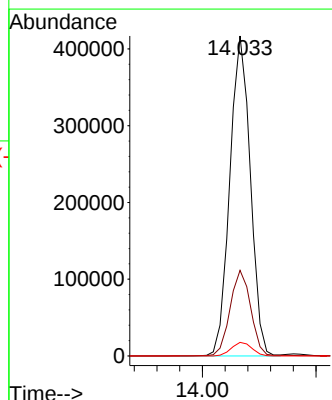
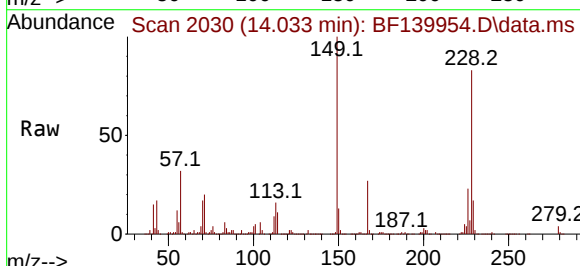
Tgt Ion:149 Resp: 522257

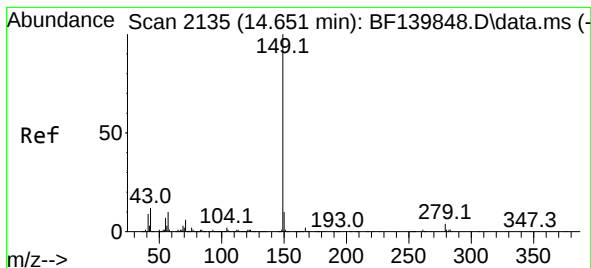
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 54.758 ng

RT: 14.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

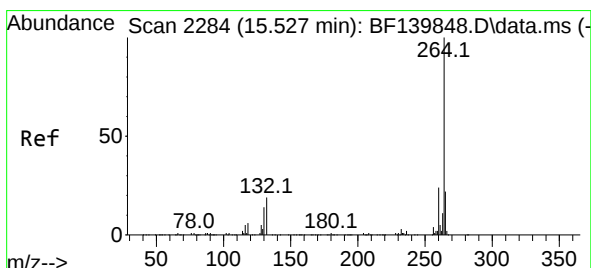
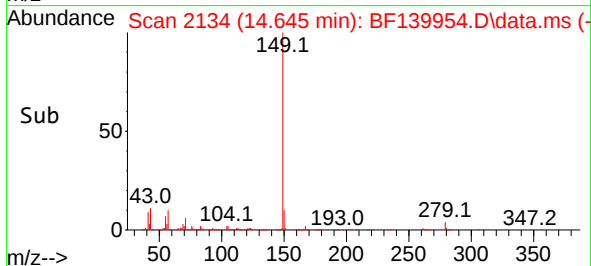
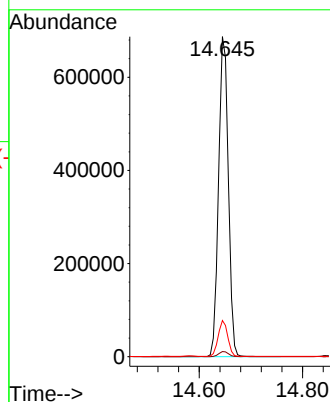
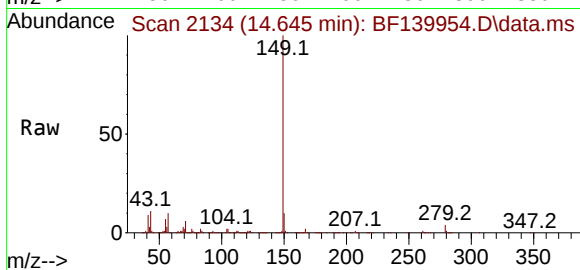
Tgt Ion:149 Resp: 898357

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

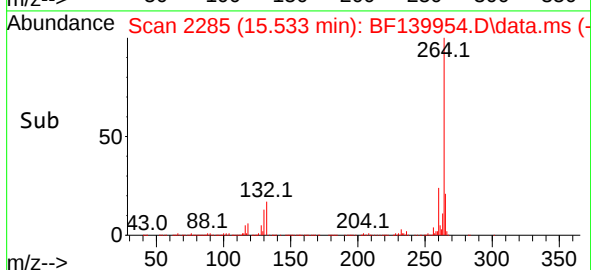
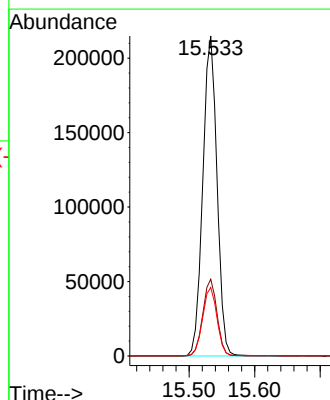
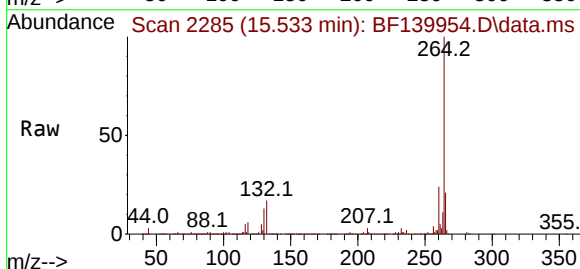
Tgt Ion:264 Resp: 324169

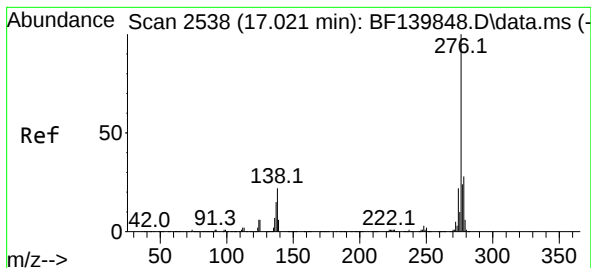
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.298 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

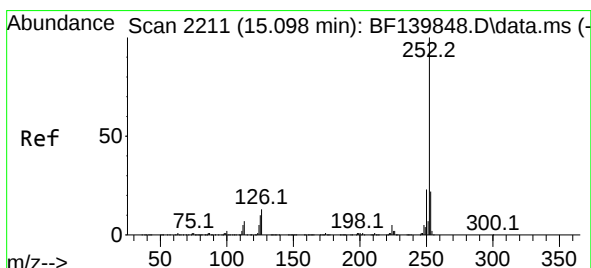
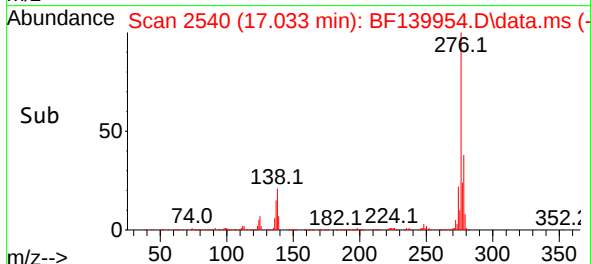
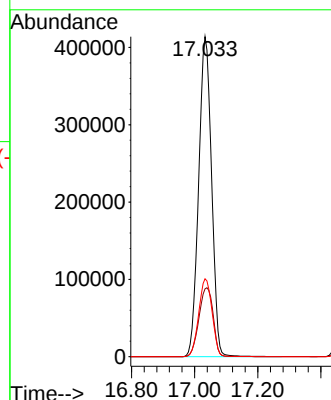
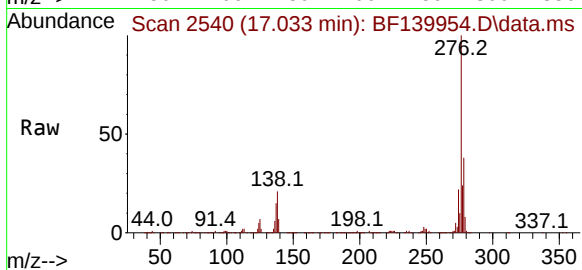
Tgt Ion:276 Resp: 1174080

Ion Ratio Lower Upper

276 100

138 23.8 20.4 30.6

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.312 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

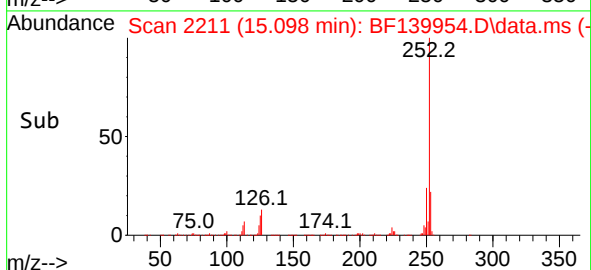
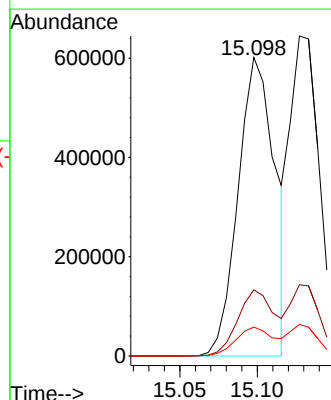
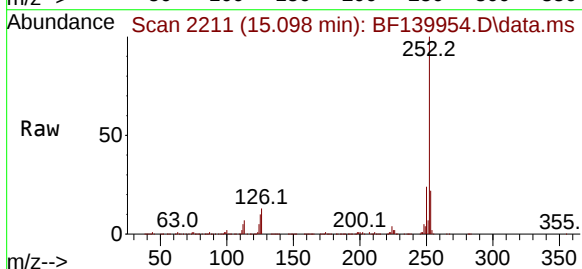
Tgt Ion:252 Resp: 993519

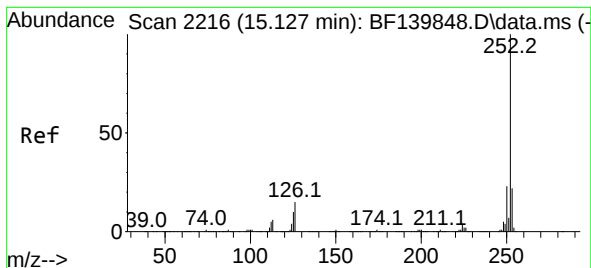
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 50.089 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164020BS

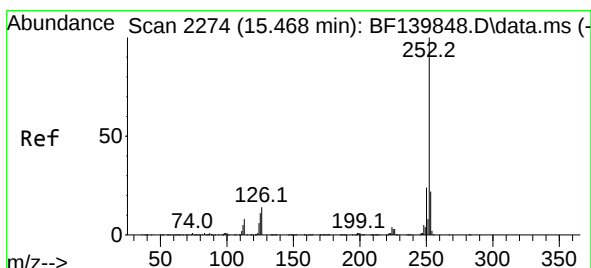
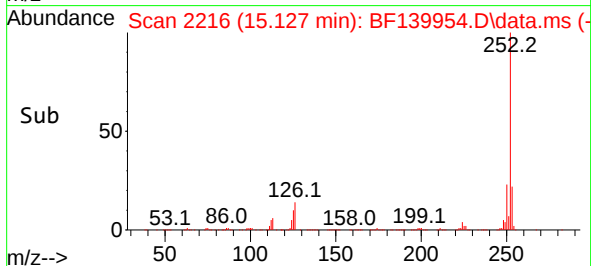
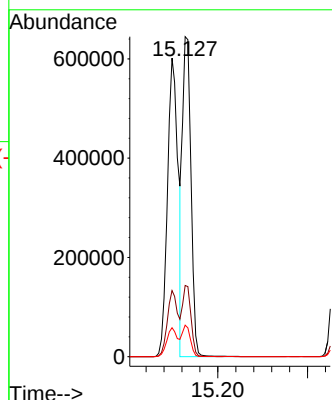
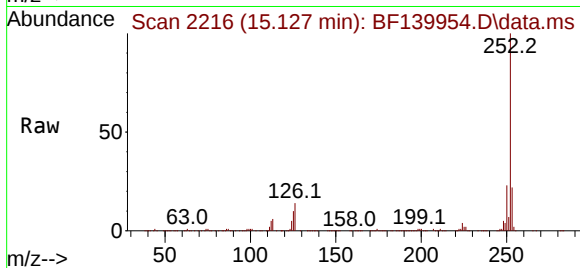
Tgt Ion:252 Resp: 853023

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 55.152 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139954.D

Acq: 23 Oct 2024 10:17

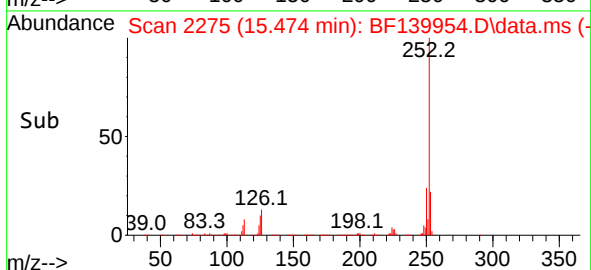
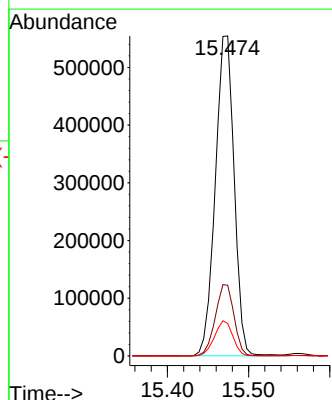
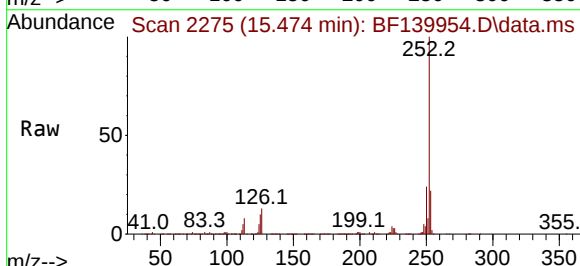
Tgt Ion:252 Resp: 896133

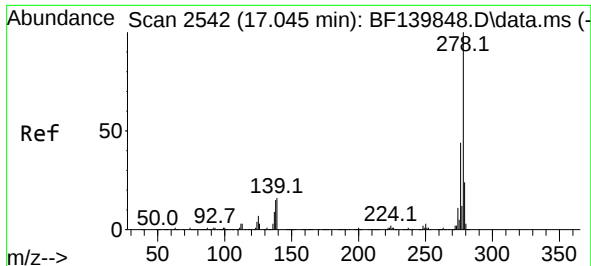
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.2 8.7 13.1

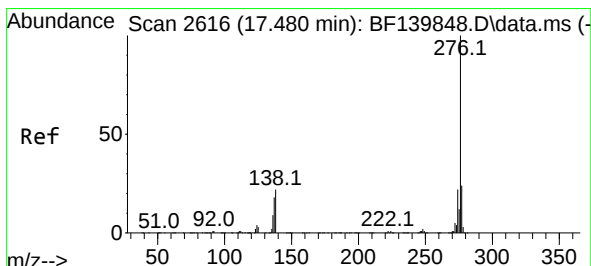
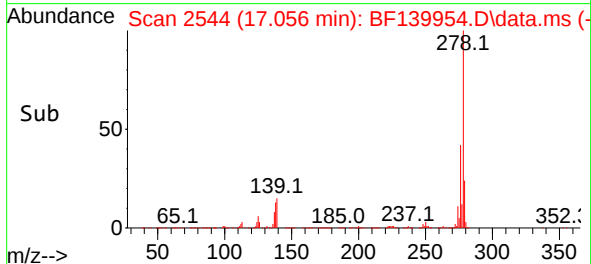
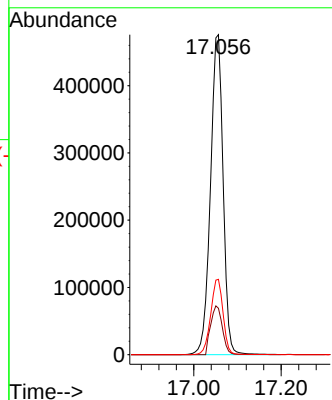
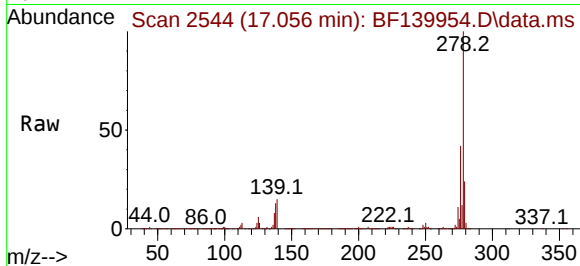




#91
Dibenzo(a,h)anthracene
Concen: 55.179 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB164020BS

Tgt Ion:278 Resp: 959971
Ion Ratio Lower Upper
278 100
139 14.5 13.1 19.7
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 51.928 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139954.D
Acq: 23 Oct 2024 10:17

Tgt Ion:276 Resp: 902393
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.9 17.4 26.0

