

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139669.D
 Acq On : 04 Oct 2024 20:44
 Operator : RC/JU
 Sample : P4242-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-QMS

Quant Time: Oct 04 22:55:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	85047	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	297861	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	139846	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	230700	20.000	ng	0.00
76) Chrysene-d12	14.027	240	166417	20.000	ng	0.00
86) Perylene-d12	15.498	264	135056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	508275	103.586	ng	0.00
7) Phenol-d6	6.504	99	653844	99.088	ng	0.00
23) Nitrobenzene-d5	7.428	82	421848	71.706	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	125211	92.750	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	701471	77.005	ng	0.00
79) Terphenyl-d14	12.968	244	621912	61.319	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	93709	44.173	ng	99
3) Pyridine	3.463	79	222487	43.123	ng	98
4) n-Nitrosodimethylamine	3.422	42	156250	46.266	ng	98
6) Aniline	6.534	93	217201	37.094	ng	96
8) 2-Chlorophenol	6.651	128	240154	45.682	ng	99
9) Benzaldehyde	6.416	77	85364	24.422	ng	99
10) Phenol	6.516	94	315350	45.450	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	252140	44.632	ng	99
12) 1,3-Dichlorobenzene	6.804	146	260435	44.037	ng	99
13) 1,4-Dichlorobenzene	6.886	146	263683	44.022	ng	99
14) 1,2-Dichlorobenzene	7.034	146	246368	43.887	ng	100
15) Benzyl Alcohol	7.010	79	212289	42.106	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	435242	44.503	ng	89
17) 2-Methylphenol	7.122	107	190624	43.435	ng	99
18) Hexachloroethane	7.375	117	89656	40.130	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	179553	42.324	ng	99
20) 3+4-Methylphenols	7.275	107	234943	42.620	ng	92
22) Acetophenone	7.275	105	327213	46.280	ng	97
24) Nitrobenzene	7.451	77	269158	44.183	ng	99
25) Isophorone	7.686	82	466052	44.603	ng	100
26) 2-Nitrophenol	7.763	139	120015	45.827	ng	98
27) 2,4-Dimethylphenol	7.804	122	172820	53.905	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	280624	44.975	ng	99
29) 2,4-Dichlorophenol	8.010	162	187285	44.786	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	203233	42.974	ng	100
31) Naphthalene	8.169	128	667152	43.807	ng	100
32) Benzoic acid	7.922	122	116489	36.540	ng	98
33) 4-Chloroaniline	8.233	127	49860	9.672	ng	99
34) Hexachlorobutadiene	8.286	225	132017	43.137	ng	100
35) Caprolactam	8.581	113	56629	41.287	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	191024	40.353	ng	99
37) 2-Methylnaphthalene	8.863	142	412375	41.576	ng	100
38) 1-Methylnaphthalene	8.963	142	381977	39.398	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	195235	50.275	ng	98
41) Hexachlorocyclopentadiene	9.010	237	80655	67.736	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	123389	47.133	ng	99

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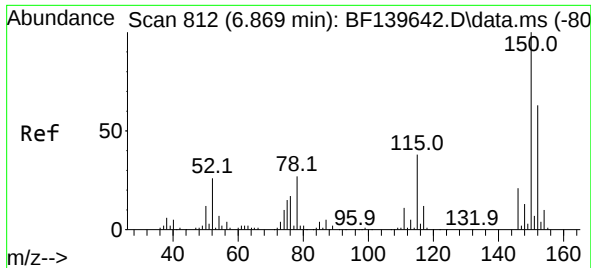
Quant Time: Oct 04 22:55:47 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	127079	45.013	ng	99
46) 1,1'-Biphenyl	9.322	154	499595	48.032	ng	99
47) 2-Chloronaphthalene	9.351	162	365257	46.842	ng	98
48) 2-Nitroaniline	9.445	65	132770	47.433	ng	98
49) Acenaphthylene	9.763	152	577558	48.705	ng	100
50) Dimethylphthalate	9.622	163	441217	48.197	ng	99
51) 2,6-Dinitrotoluene	9.686	165	89191	43.130	ng	98
52) Acenaphthene	9.933	154	362403	44.517	ng	99
53) 3-Nitroaniline	9.857	138	66857	31.637	ng	99
54) 2,4-Dinitrophenol	9.963	184	39657	35.654	ng	97
55) Dibenzofuran	10.110	168	510767	44.811	ng	99
56) 4-Nitrophenol	10.022	139	131788	81.777	ng	99
57) 2,4-Dinitrotoluene	10.092	165	113154	41.862	ng	98
58) Fluorene	10.451	166	384911	42.398	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	98486	43.192	ng	97
60) Diethylphthalate	10.322	149	428602	45.328	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	192517	42.388	ng	99
62) 4-Nitroaniline	10.469	138	74824	34.615	ng	97
63) Azobenzene	10.604	77	443201	46.608	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	28186	21.632	ng	99
66) n-Nitrosodiphenylamine	10.563	169	337487	49.629	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	109282	46.201	ng	99
68) Hexachlorobenzene	10.998	284	116933	44.550	ng	98
69) Atrazine	11.086	200	101929	55.866	ng	99
70) Pentachlorophenol	11.192	266	131153	83.917	ng	100
71) Phenanthrene	11.416	178	517256	47.552	ng	99
72) Anthracene	11.463	178	522500	48.554	ng	100
73) Carbazole	11.621	167	488580	47.271	ng	100
74) Di-n-butylphthalate	11.945	149	607950	48.371	ng	99
75) Fluoranthene	12.598	202	572976	48.186	ng	100
77) Benzidine	12.727	184	302643	103.101	ng	100
78) Pyrene	12.827	202	591197	39.720	ng	99
80) Butylbenzylphthalate	13.445	149	254307	47.767	ng	99
81) Benzo(a)anthracene	14.015	228	524614	47.948	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	174376	52.076	ng	98
83) Chrysene	14.057	228	466472	46.633	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	356602	53.641	ng	99
85) Di-n-octyl phthalate	14.615	149	584252	59.821	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	338558	42.591	ng	99
88) Benzo(b)fluoranthene	15.068	252	382710	43.826	ng	99
89) Benzo(k)fluoranthene	15.098	252	378084	51.041	ng	99
90) Benzo(a)pyrene	15.433	252	340660	49.475	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	280328	42.519	ng	98
92) Benzo(g,h,i)perylene	17.409	276	250172	37.835	ng	98

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

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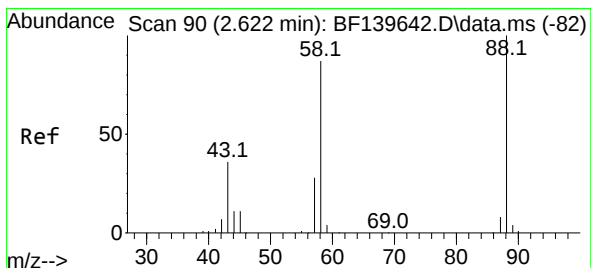
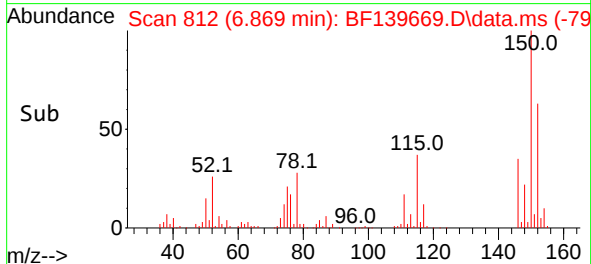
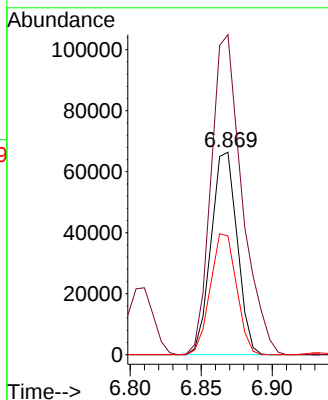
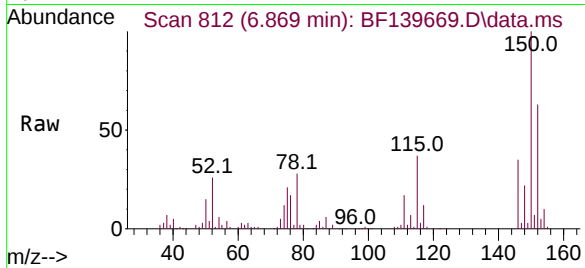




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139669.D
 Acq: 04 Oct 2024 20:44

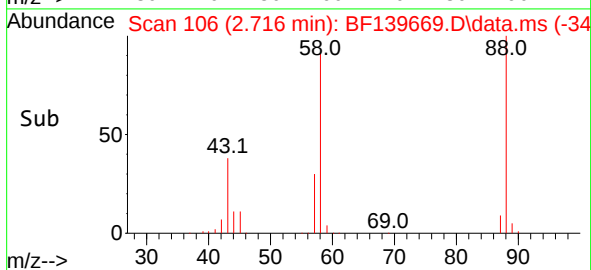
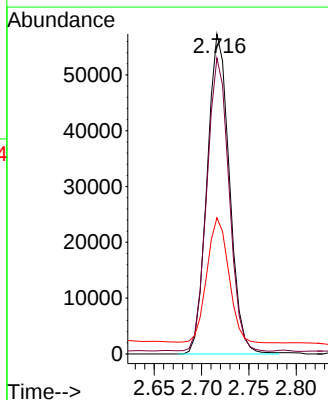
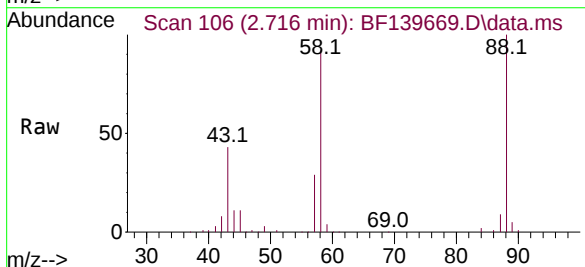
Instrument :
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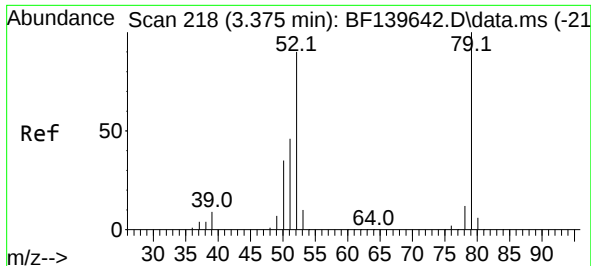
Tgt Ion:152 Resp: 85047
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.2 190.8
 115 58.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 44.173 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.076 min
 Lab File: BF139669.D
 Acq: 04 Oct 2024 20:44

Tgt Ion: 88 Resp: 93709
 Ion Ratio Lower Upper
 88 100
 58 90.8 72.0 108.0
 43 38.5 30.8 46.2





#3

Pyridine

Concen: 43.123 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

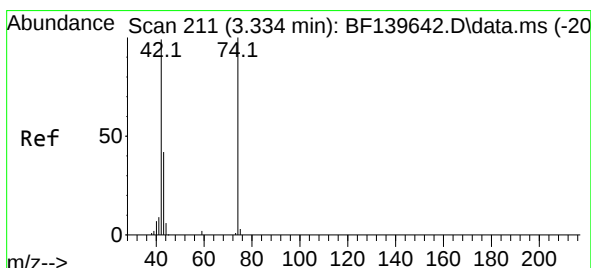
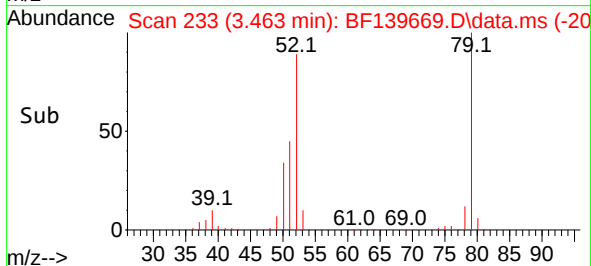
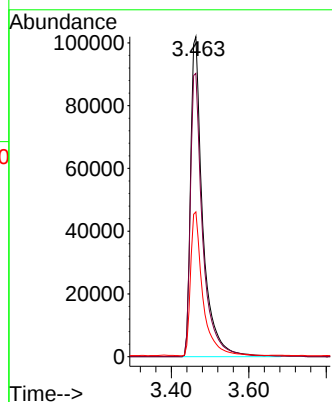
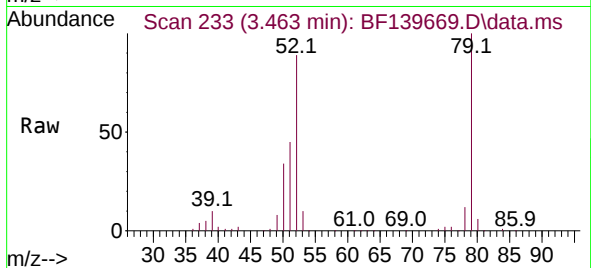
Tgt Ion: 79 Resp: 222487

Ion Ratio Lower Upper

79 100

52 88.6 72.6 109.0

51 45.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 46.266 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.070 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

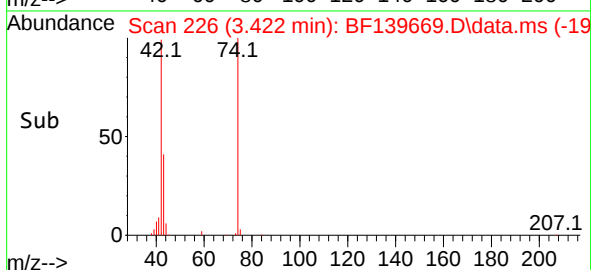
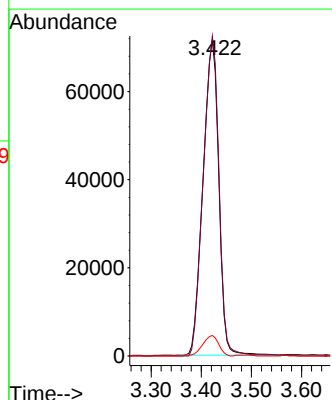
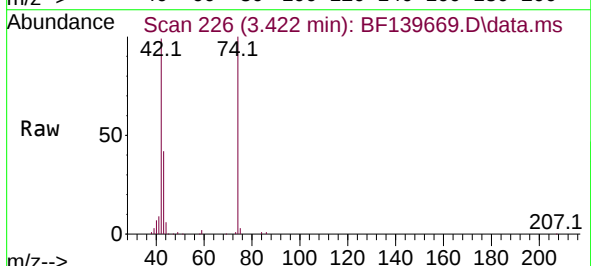
Tgt Ion: 42 Resp: 156250

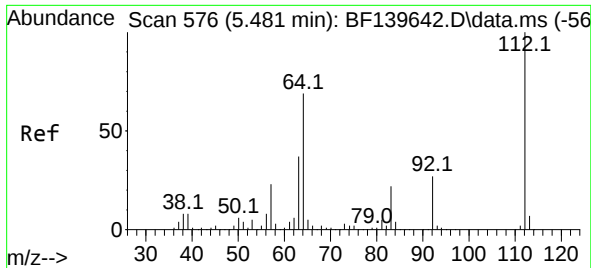
Ion Ratio Lower Upper

42 100

74 101.3 79.0 118.6

44 6.5 5.2 7.8

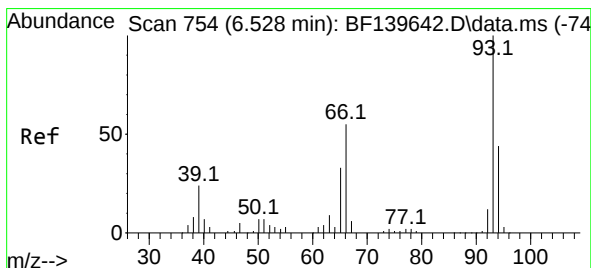
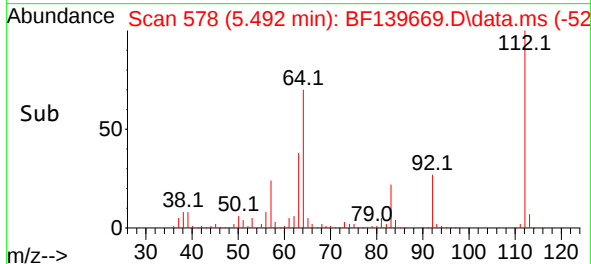
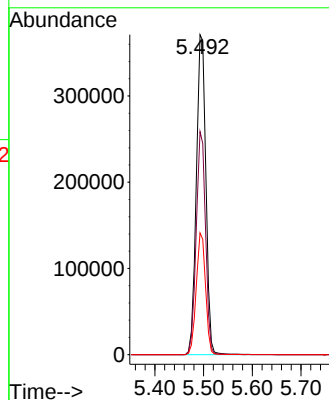
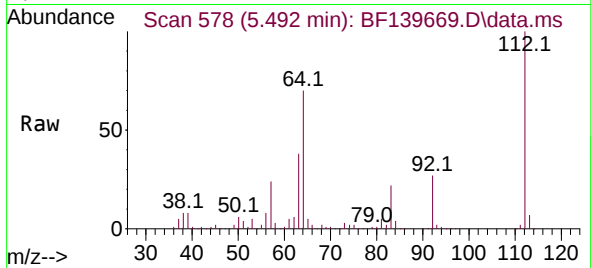




#5
2-Fluorophenol
Concen: 103.586 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

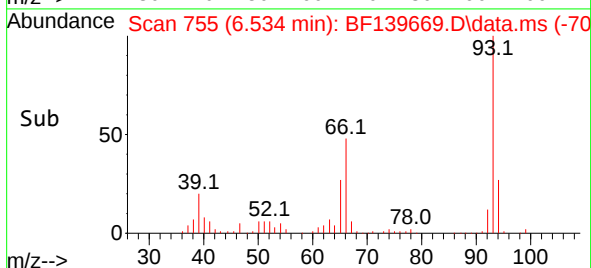
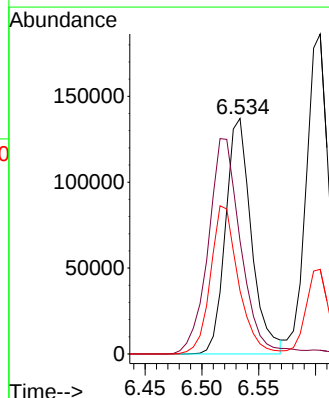
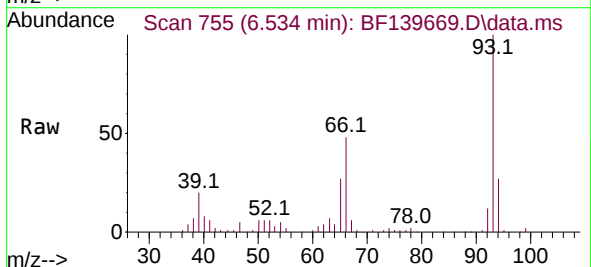
Instrument :
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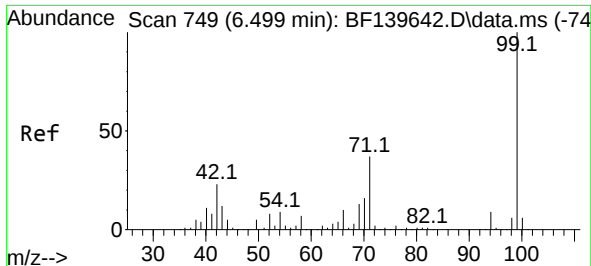
Tgt Ion:112 Resp: 508275
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 38.1 29.4 44.2



#6
Aniline
Concen: 37.094 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion: 93 Resp: 217201
Ion Ratio Lower Upper
93 100
66 48.0 40.9 61.3
65 26.8 23.3 34.9





#7

Phenol-d6

Concen: 99.088 ng

RT: 6.504 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

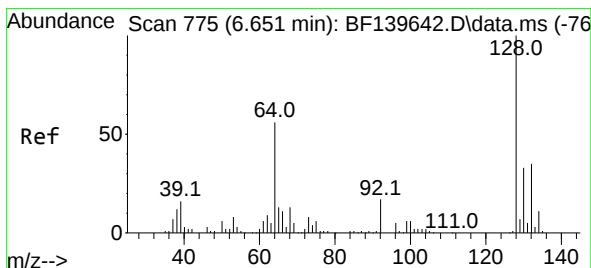
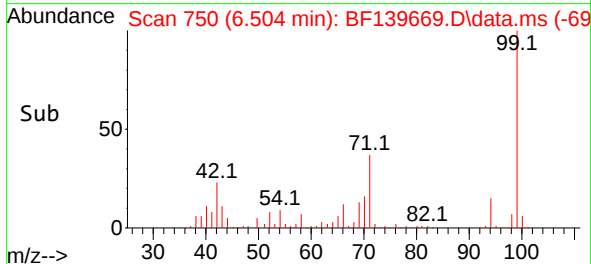
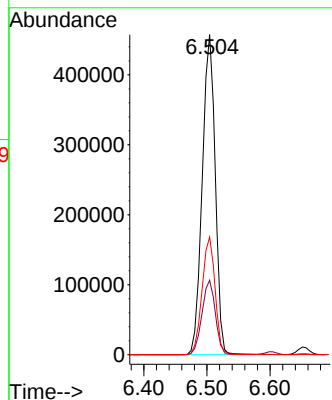
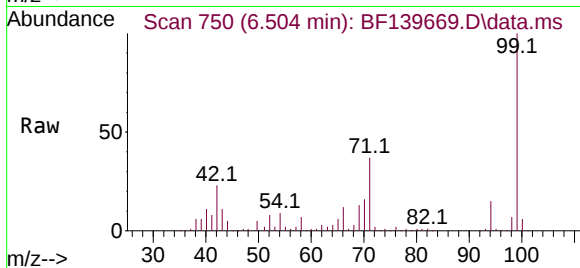
BNA_F

ClientSampleId :

TP-QMS

Tgt Ion: 99 Resp: 653844

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.1	28.7
71	36.8	29.7	44.5



#8

2-Chlorophenol

Concen: 45.682 ng

RT: 6.651 min Scan# 775

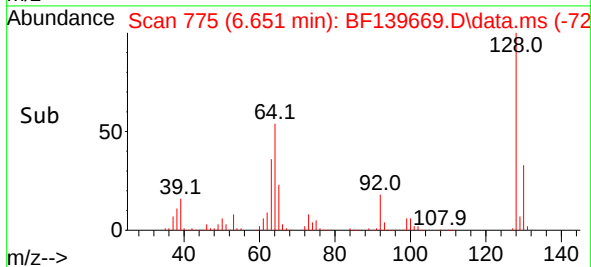
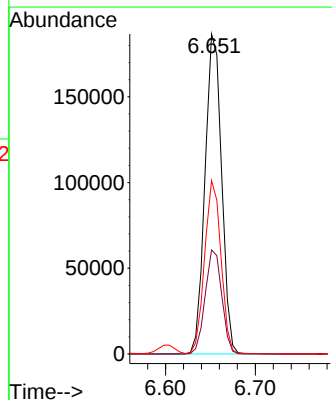
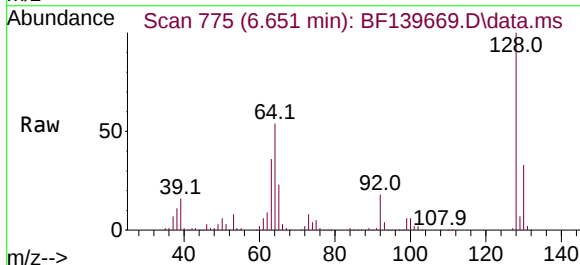
Delta R.T. -0.006 min

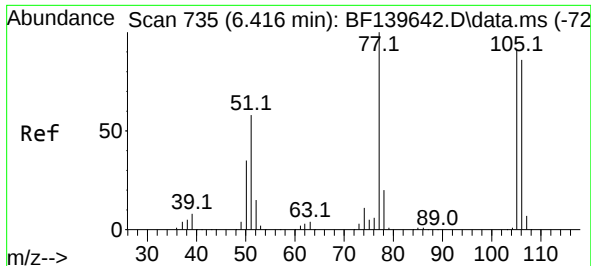
Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Tgt Ion: 128 Resp: 240154

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.2	53.2
64	54.2	35.1	75.1





#9

Benzaldehyde

Concen: 24.422 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

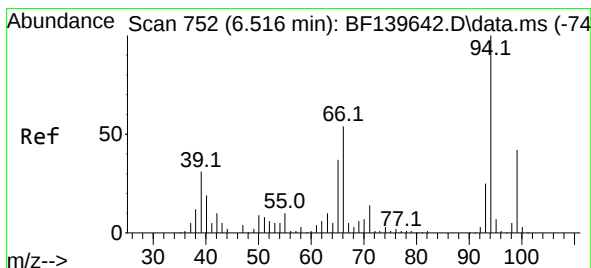
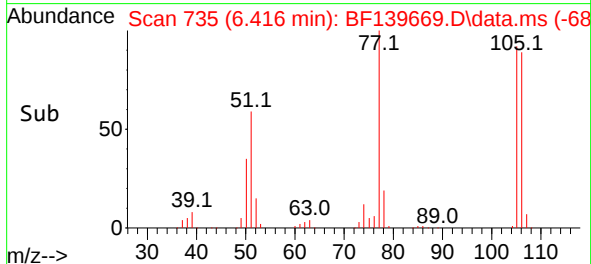
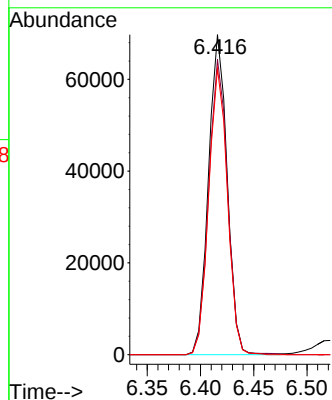
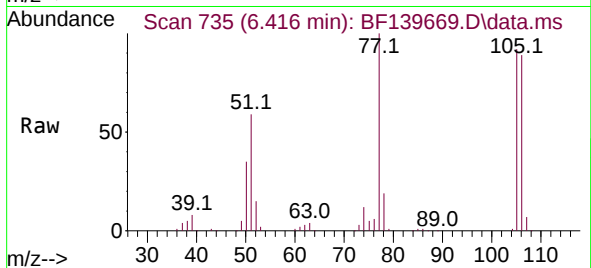
Tgt Ion: 77 Resp: 85364

Ion Ratio Lower Upper

77 100

105 92.2 72.7 112.7

106 89.4 70.1 110.1



#10

Phenol

Concen: 45.450 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

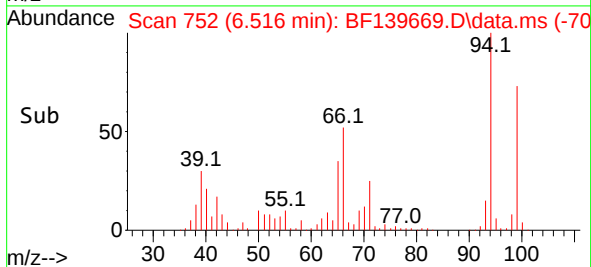
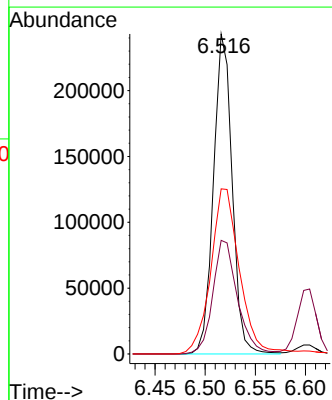
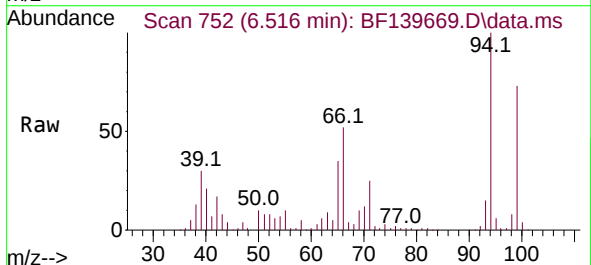
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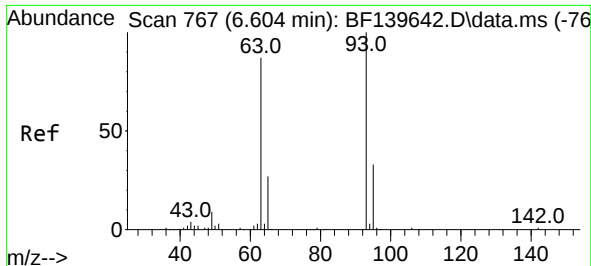
Ion Ratio Lower Upper

94 100

65 35.5 15.3 55.3

66 51.6 30.5 70.5

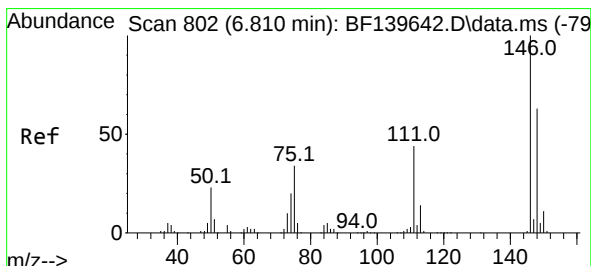
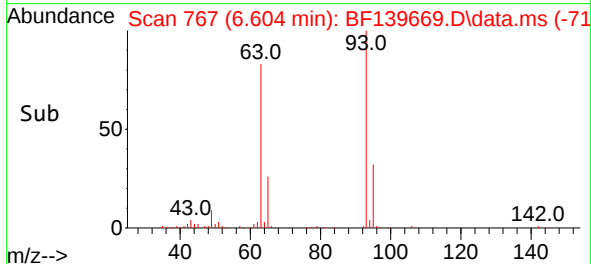
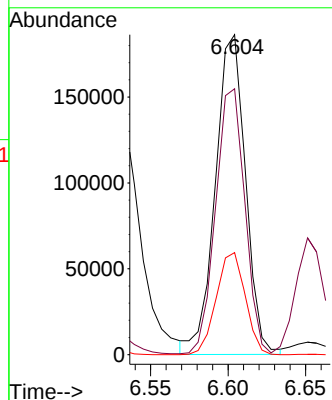
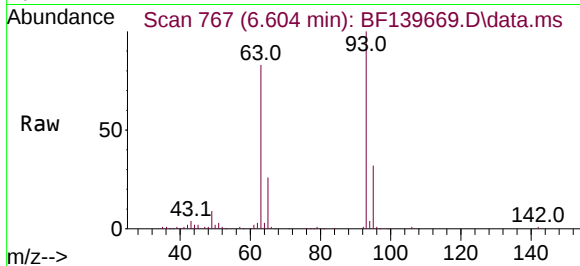




#11
bis(2-Chloroethyl)ether
Concen: 44.632 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

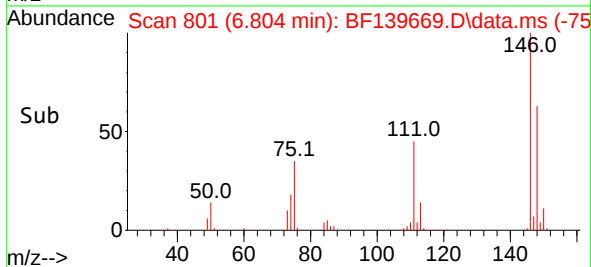
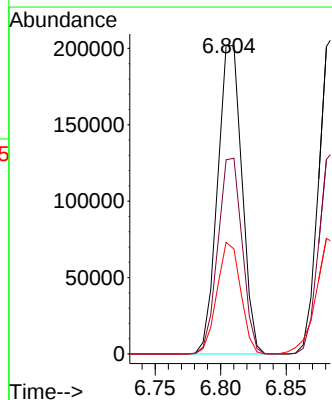
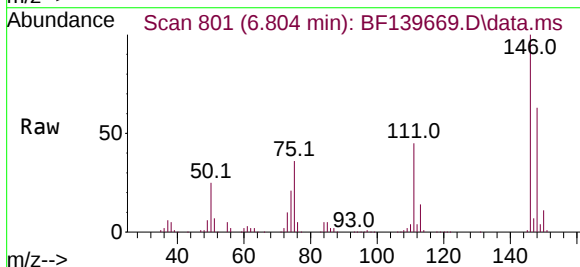
Instrument :
BNA_F
ClientSampleId :
TP-QMS

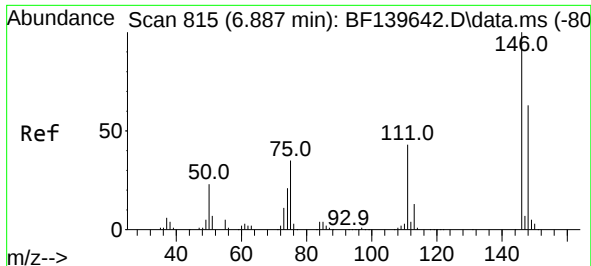
Tgt Ion: 93 Resp: 252140
Ion Ratio Lower Upper
93 100
63 83.1 64.1 104.1
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.037 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion: 146 Resp: 260435
Ion Ratio Lower Upper
146 100
148 63.0 50.2 75.4
75 36.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 44.022 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

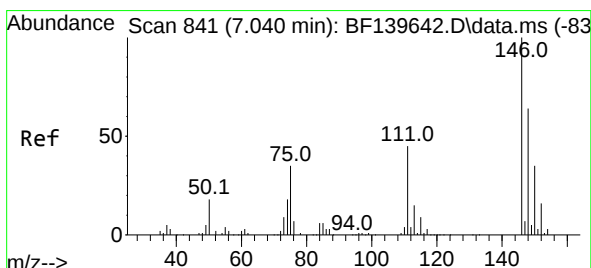
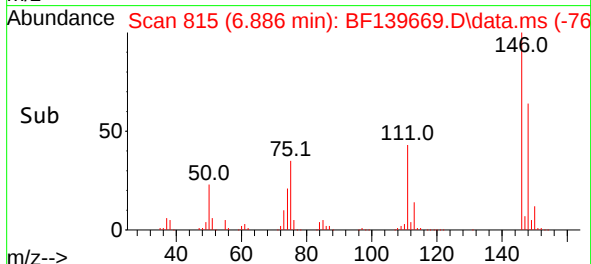
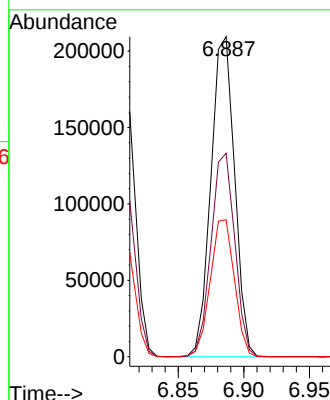
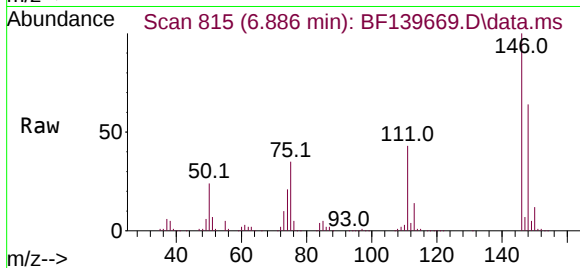
Tgt Ion:146 Resp: 263683

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 42.8 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 43.887 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

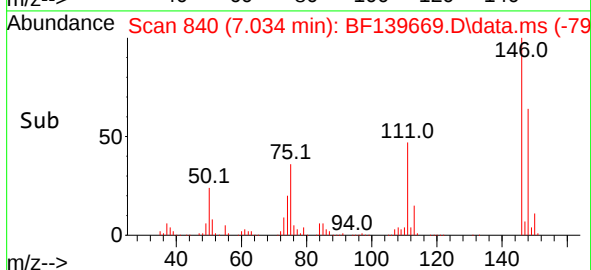
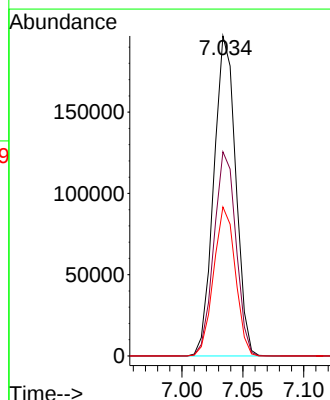
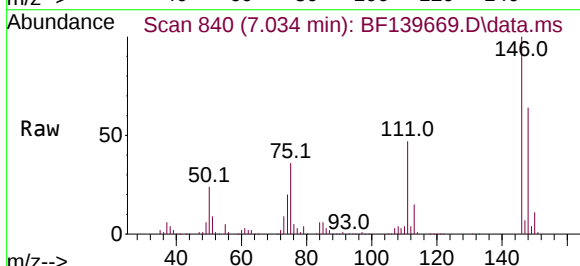
Tgt Ion:146 Resp: 246368

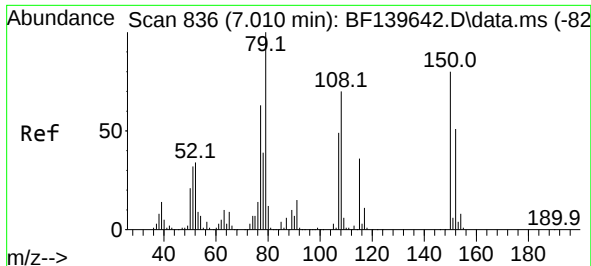
Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

111 46.5 37.0 55.6

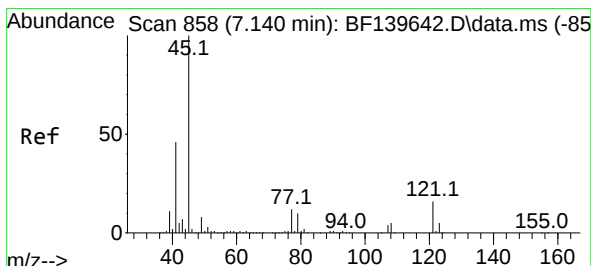
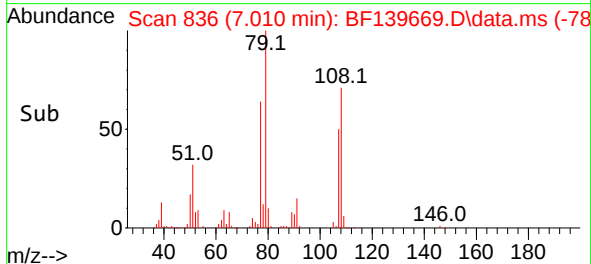
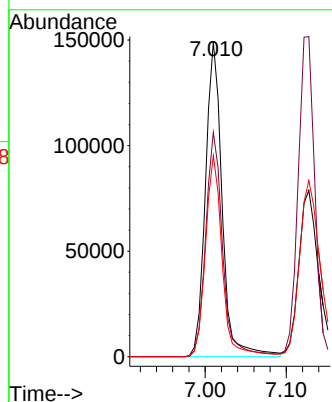
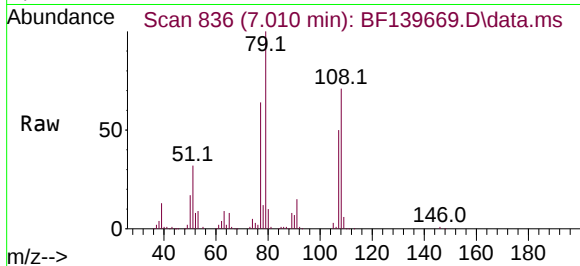




#15
Benzyl Alcohol
Concen: 42.106 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

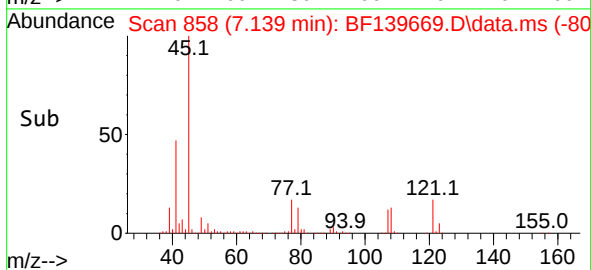
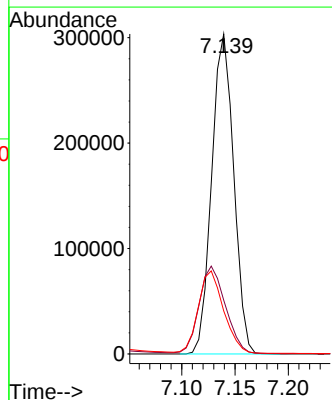
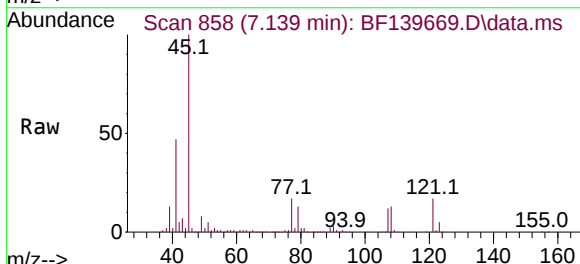
Instrument :
BNA_F
ClientSampleId :
TP-QMS

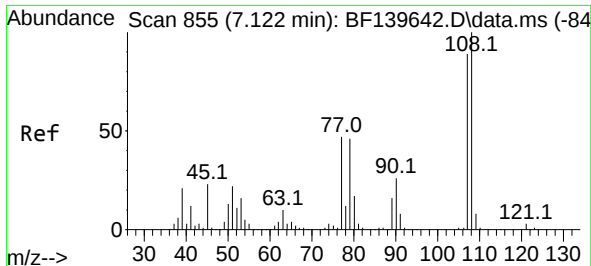
Tgt Ion: 79 Resp: 212289
Ion Ratio Lower Upper
79 100
108 71.2 55.1 82.7
77 63.8 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.503 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion: 45 Resp: 435242
Ion Ratio Lower Upper
45 100
77 16.8 0.0 32.5
79 13.5 0.0 29.7

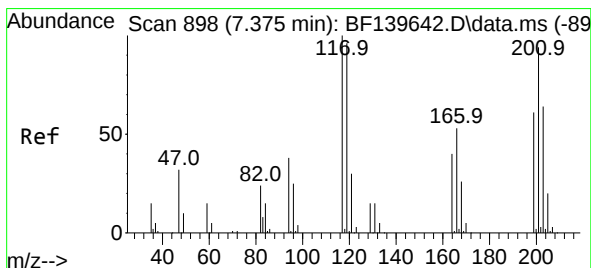
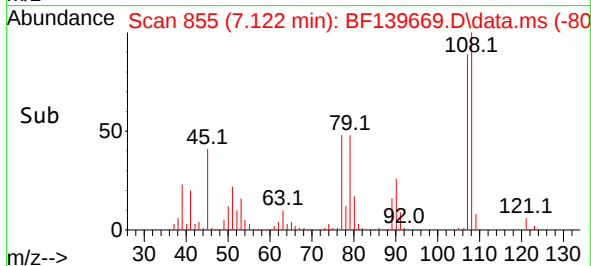
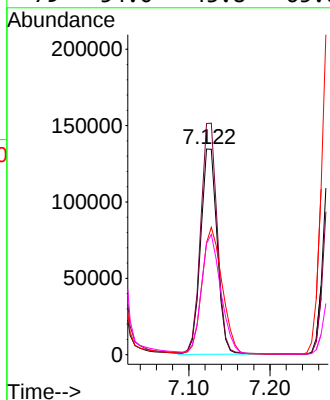
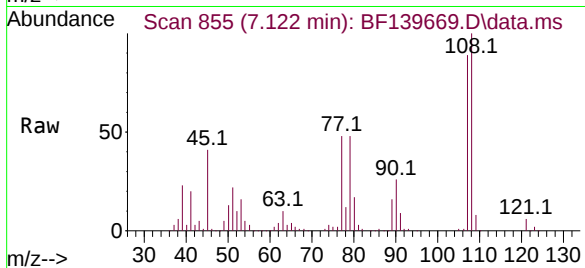




#17
2-Methylphenol
Concen: 43.435 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

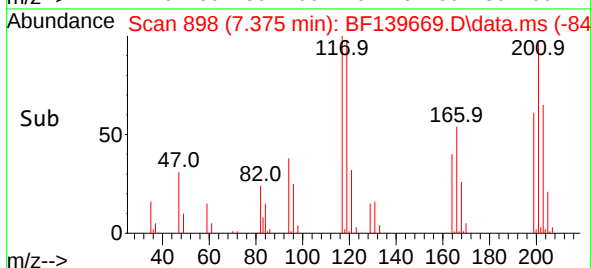
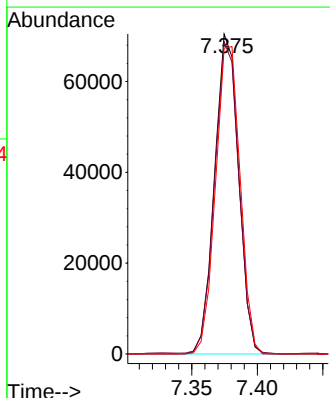
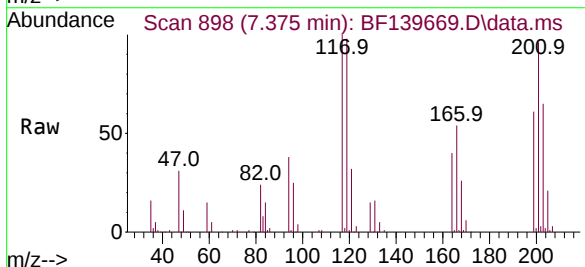
Instrument :
BNA_F
ClientSampleId :
TP-QMS

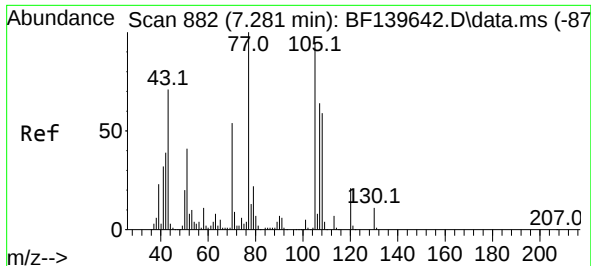
Tgt Ion:	107	Resp:	190624
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.6
77	54.4	44.6	67.0
79	54.0	43.8	65.6



#18
Hexachloroethane
Concen: 40.130 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:	117	Resp:	89656
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.6
201	95.6	79.2	118.8



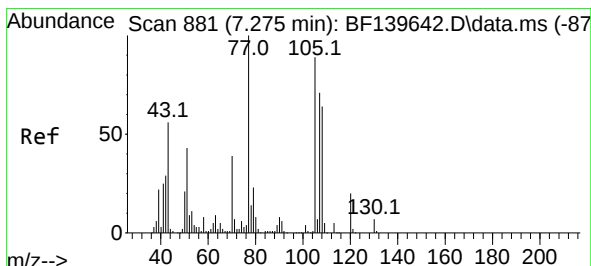
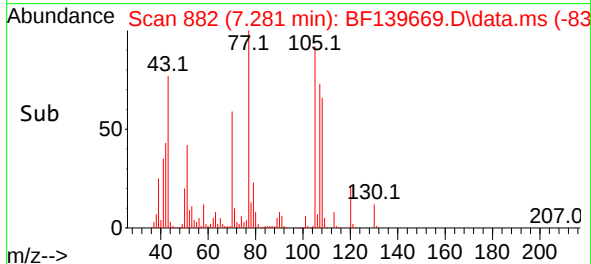
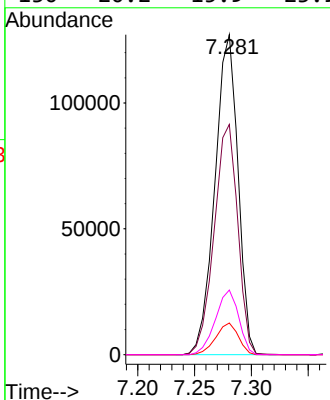
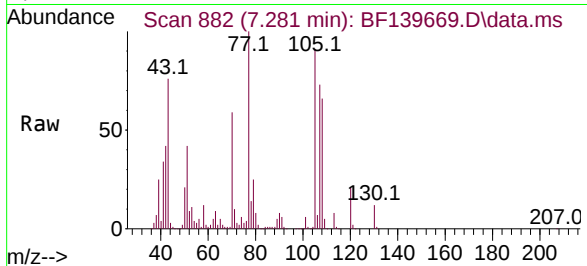


#19
n-Nitroso-di-n-propylamine
Concen: 42.324 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Instrument :
BNA_F
ClientSampleId :
TP-QMS

Tgt Ion: 70 Resp: 179553

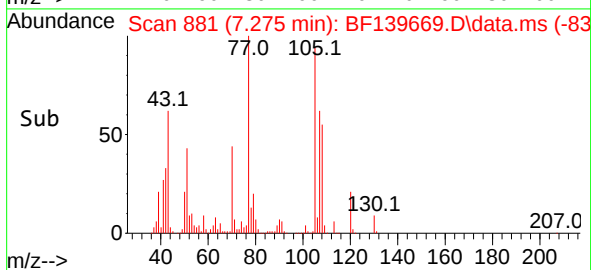
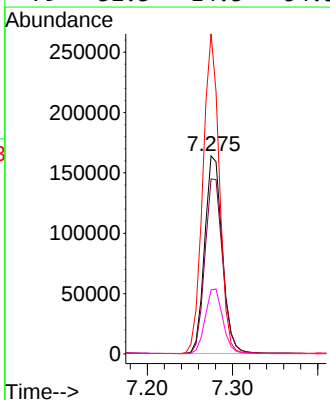
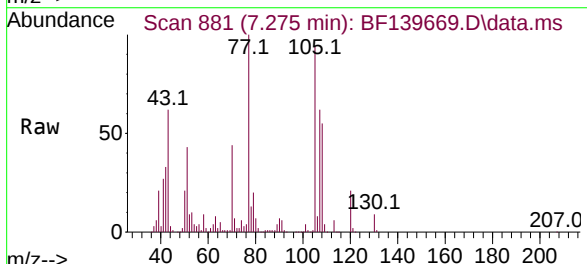
Ion	Ratio	Lower	Upper
70	100		
42	71.9	58.0	87.0
101	9.9	7.8	11.8
130	20.2	15.9	23.9

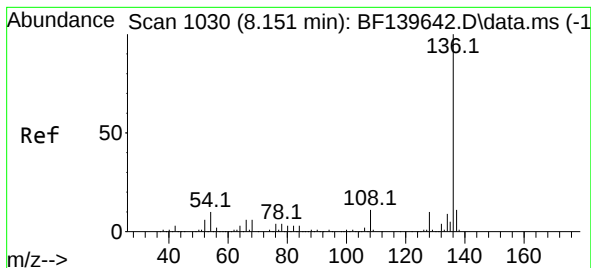


#20
3+4-Methylphenols
Concen: 42.620 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion: 107 Resp: 234943

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.2	110.2
77	161.6	125.3	165.3
79	32.3	14.3	54.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:136 Resp: 297861

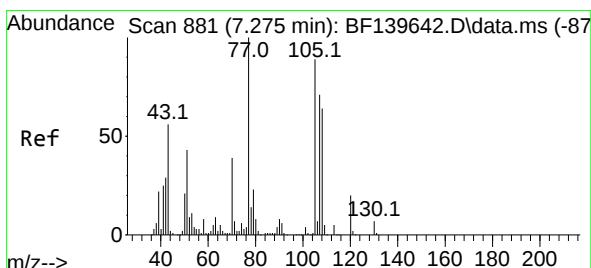
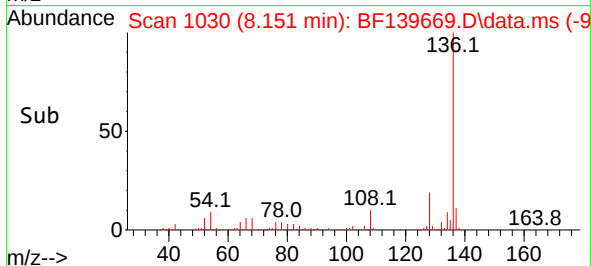
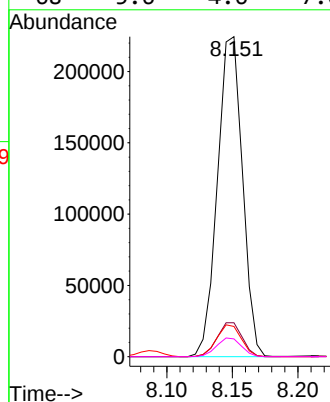
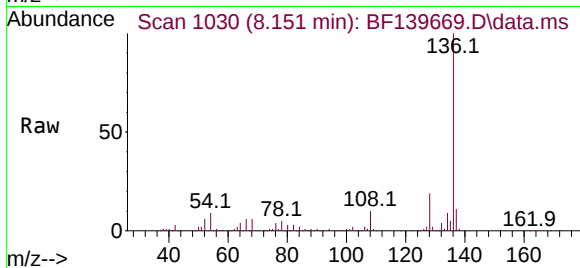
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 9.5 8.3 12.5

68 5.6 4.6 7.0



#22

Acetophenone

Concen: 46.280 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Tgt Ion:105 Resp: 327213

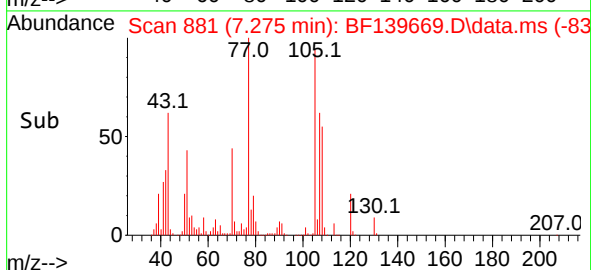
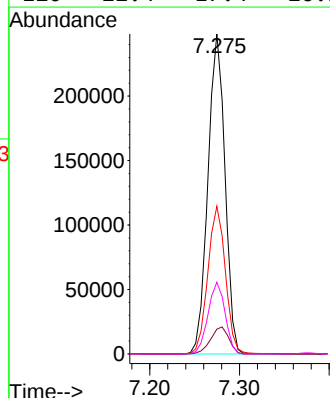
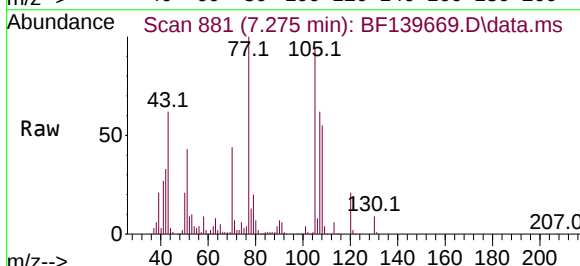
Ion Ratio Lower Upper

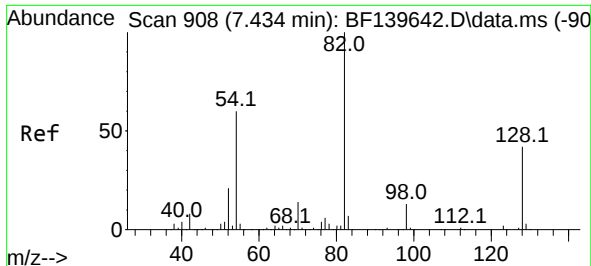
105 100

71 7.8 6.6 10.0

51 46.2 39.4 59.0

120 22.4 17.4 26.2





#23

Nitrobenzene-d5

Concen: 71.706 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

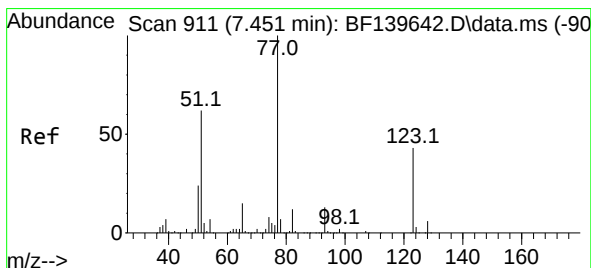
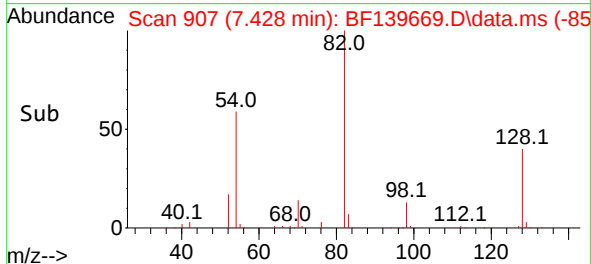
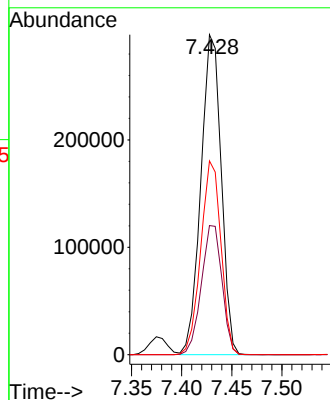
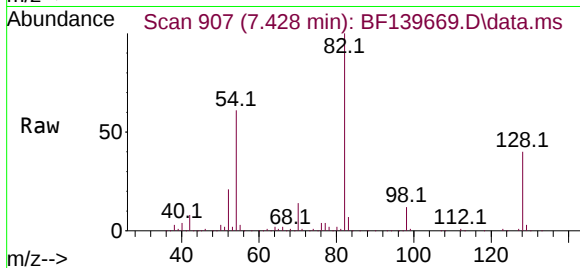
Tgt Ion: 82 Resp: 421848

Ion Ratio Lower Upper

82 100

128 40.3 32.4 48.6

54 60.5 49.1 73.7



#24

Nitrobenzene

Concen: 44.183 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

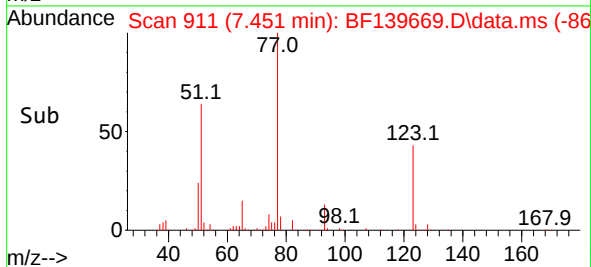
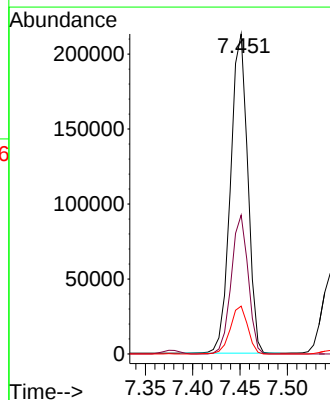
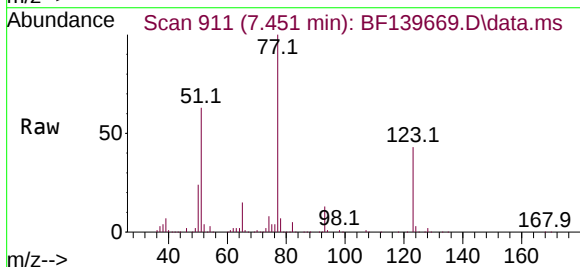
Tgt Ion: 77 Resp: 269158

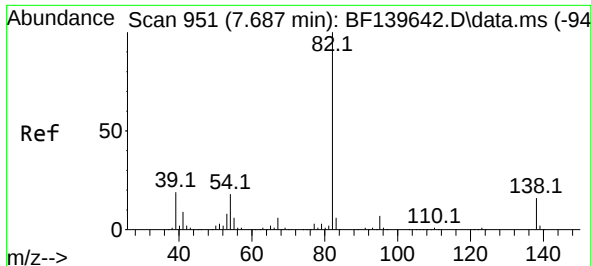
Ion Ratio Lower Upper

77 100

123 43.4 34.2 51.4

65 15.0 12.1 18.1

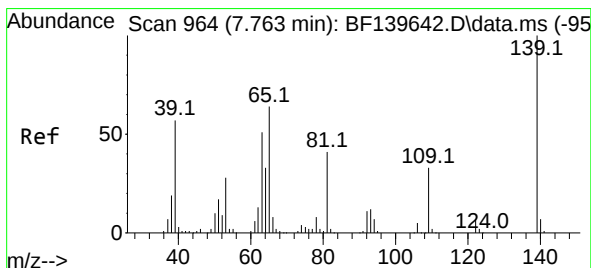
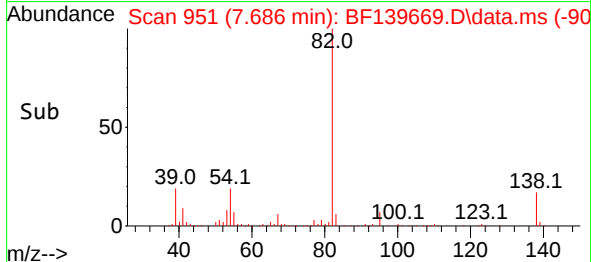
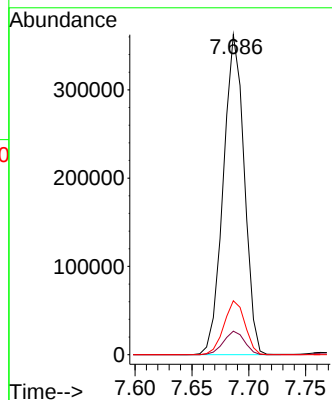
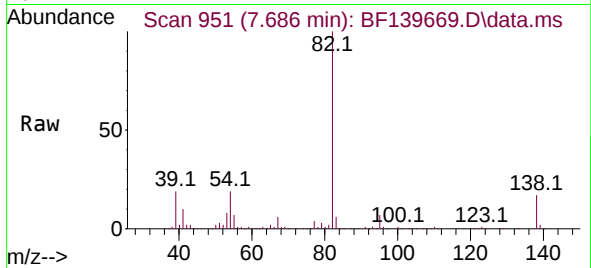




#25
Isophorone
Concen: 44.603 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

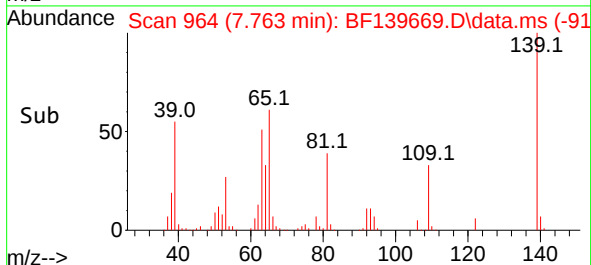
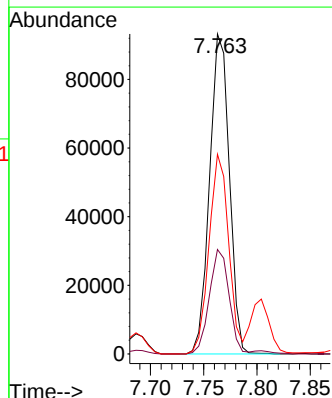
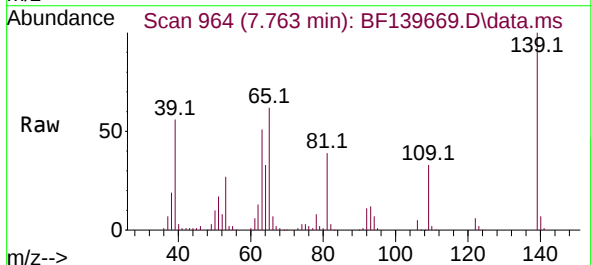
Instrument :
BNA_F
ClientSampleId :
TP-QMS

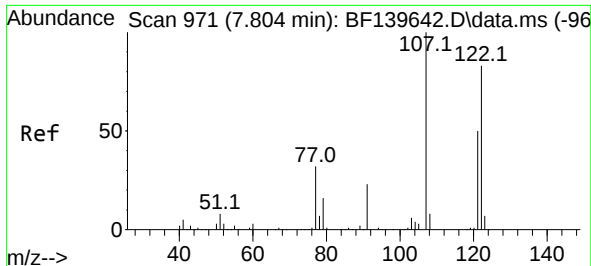
Tgt Ion: 82 Resp: 466052
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.8 13.4 20.2



#26
2-Nitrophenol
Concen: 45.827 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:139 Resp: 120015
Ion Ratio Lower Upper
139 100
109 32.7 24.9 37.3
65 62.4 48.6 72.8

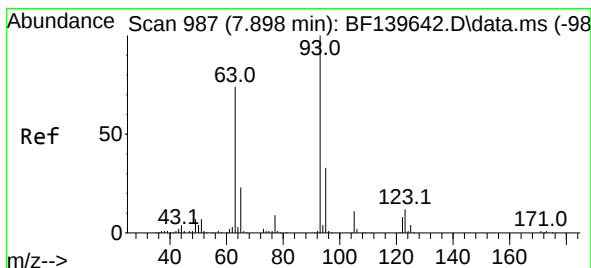
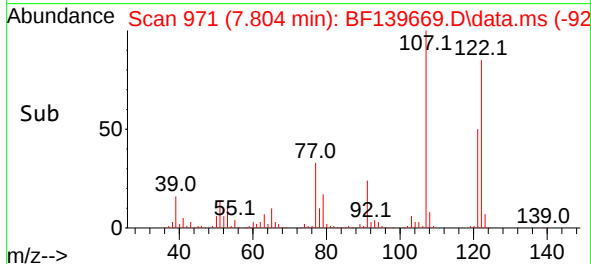
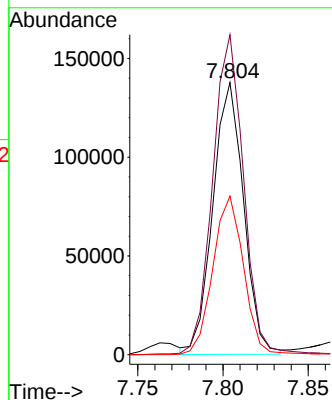
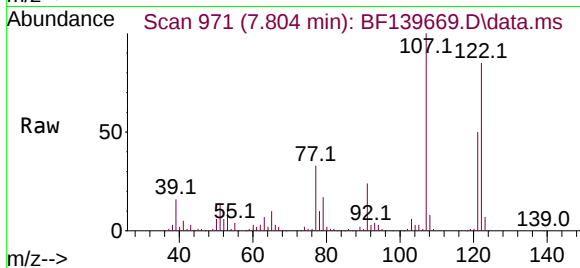




#27
2,4-Dimethylphenol
Concen: 53.905 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

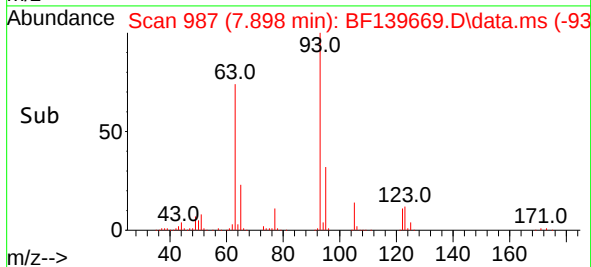
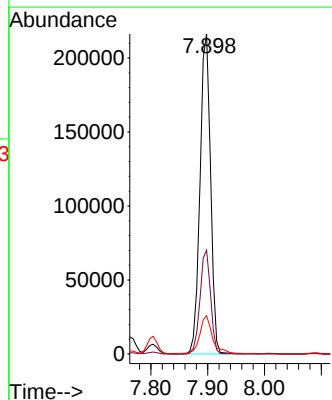
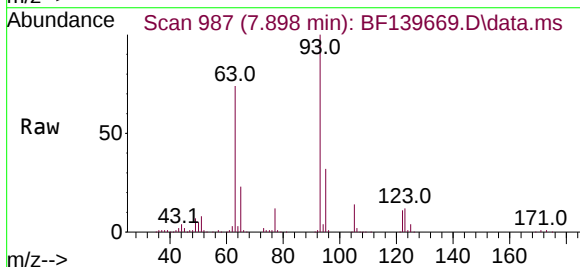
Instrument :
BNA_F
ClientSampleId :
TP-QMS

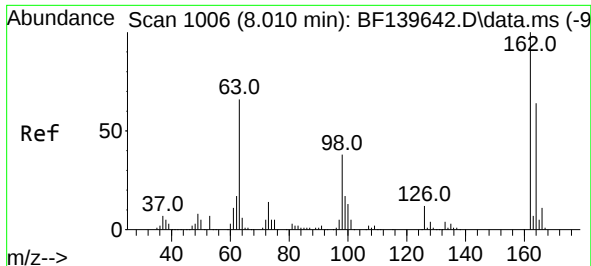
Tgt Ion:122 Resp: 172820
Ion Ratio Lower Upper
122 100
107 117.5 95.4 143.0
121 58.2 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 44.975 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion: 93 Resp: 280624
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.786 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

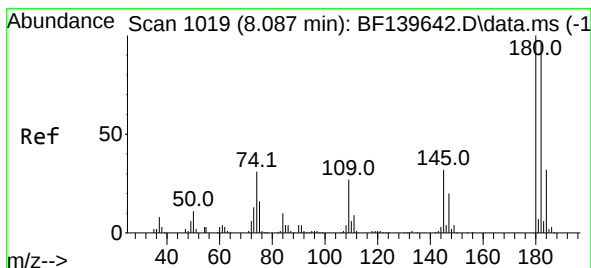
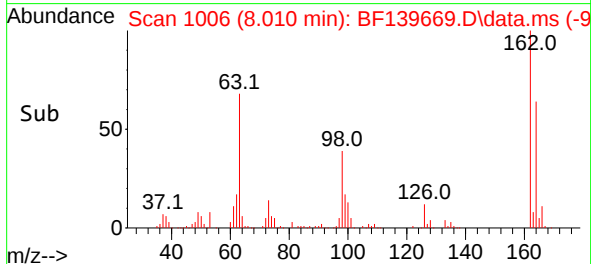
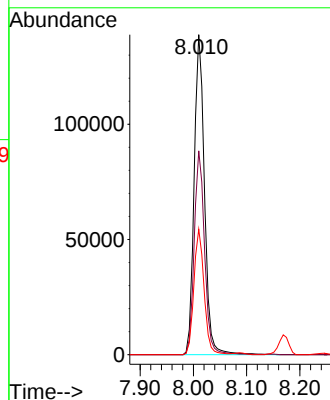
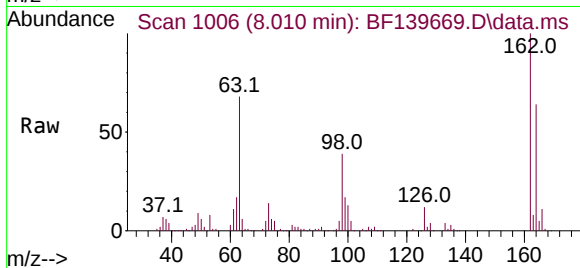
Tgt Ion:162 Resp: 187285

Ion Ratio Lower Upper

162 100

164 63.7 43.1 83.1

98 39.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 42.974 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

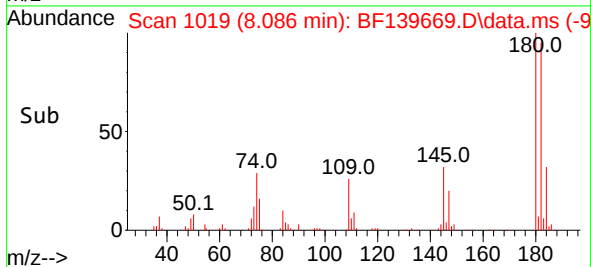
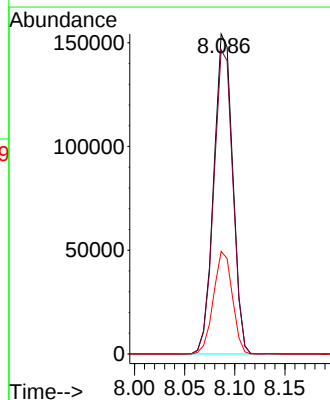
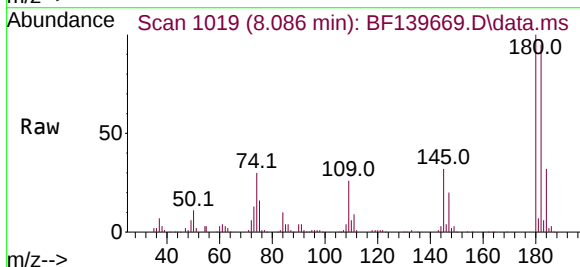
Tgt Ion:180 Resp: 203233

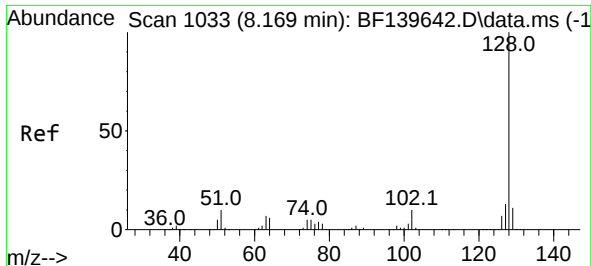
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

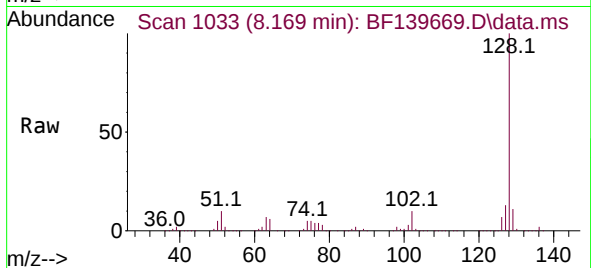
145 32.0 25.0 37.6



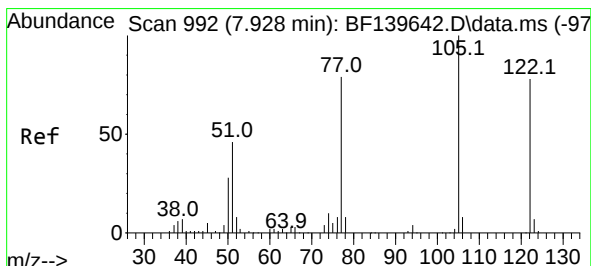
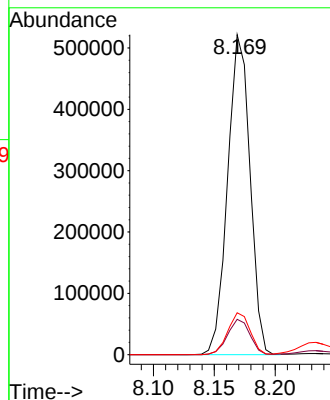
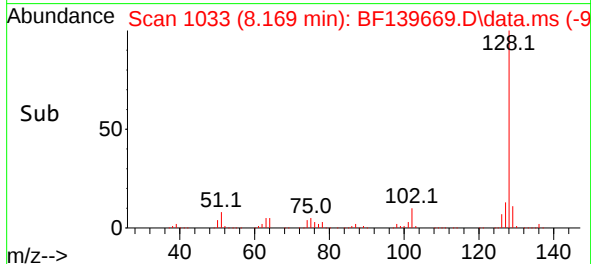


#31
Naphthalene
Concen: 43.807 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Instrument :
BNA_F
ClientSampleId :
TP-QMS

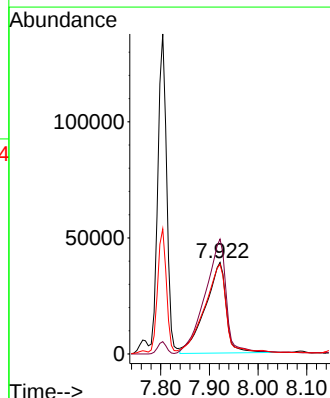
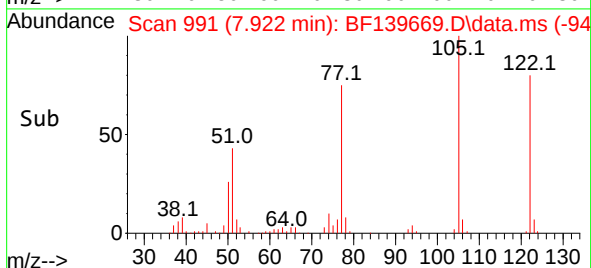
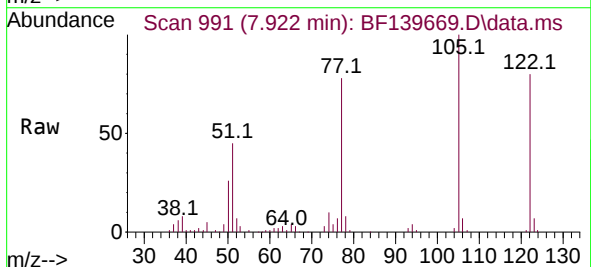


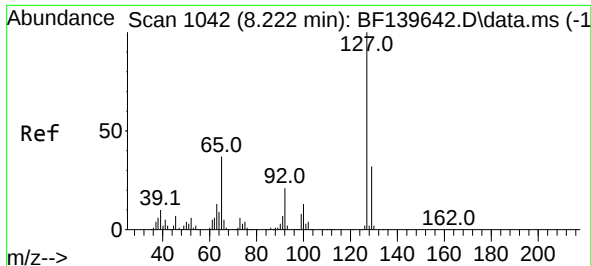
Tgt Ion:128 Resp: 667152
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 36.540 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:122 Resp: 116489
Ion Ratio Lower Upper
122 100
105 125.6 104.9 144.9
77 98.2 82.7 122.7

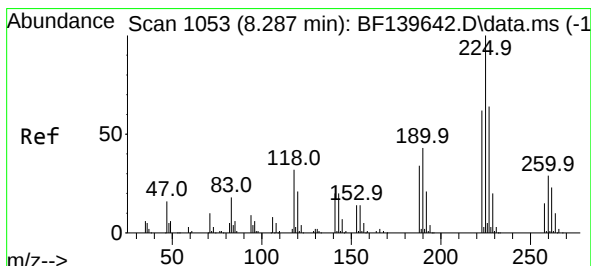
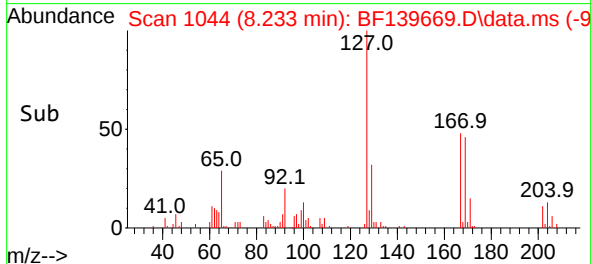
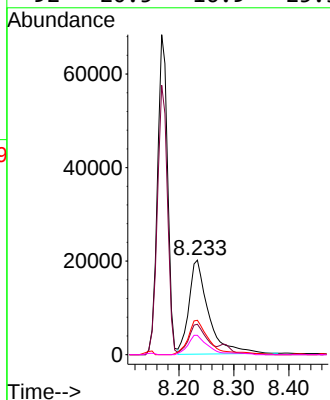
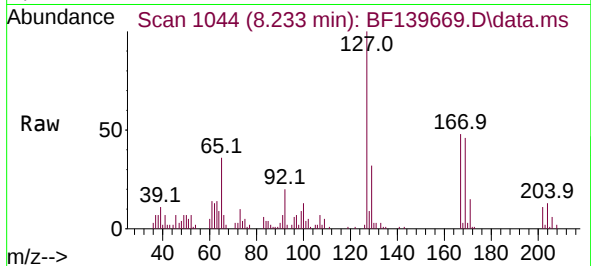




#33
4-Chloroaniline
Concen: 9.672 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

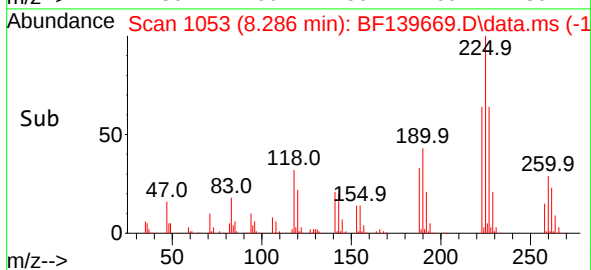
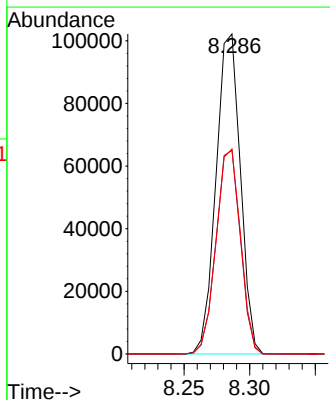
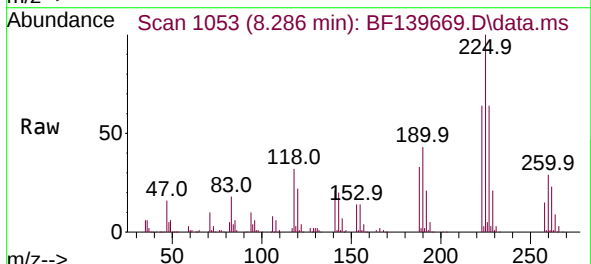
Instrument :
BNA_F
ClientSampleId :
TP-QMS

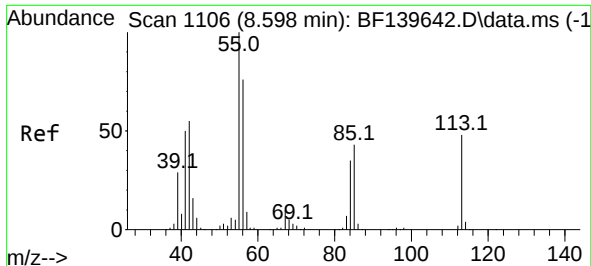
Tgt Ion:127	Resp:	49860
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.2 39.4
65	36.5	29.3 43.9
92	20.5	16.9 25.3



#34
Hexachlorobutadiene
Concen: 43.137 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:225	Resp:	132017
Ion Ratio	Lower	Upper
225	100	
223	63.7	50.9 76.3
227	64.0	50.7 76.1

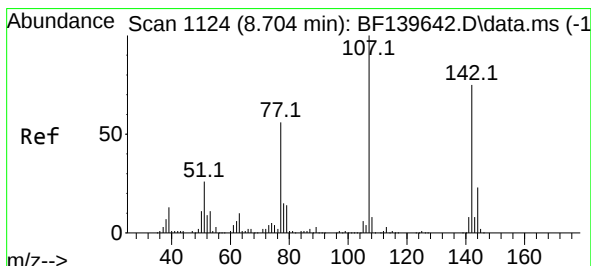
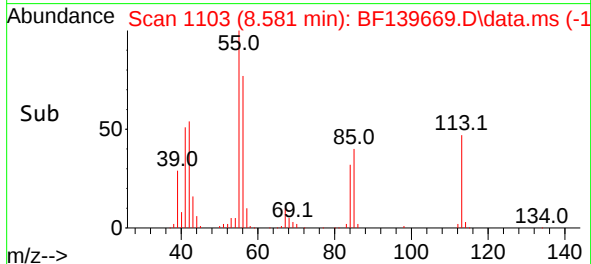
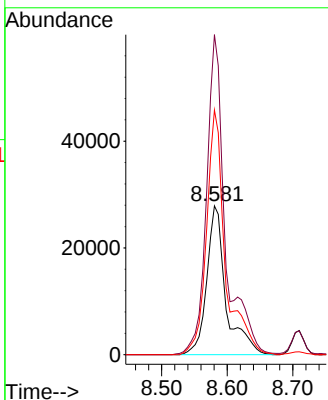
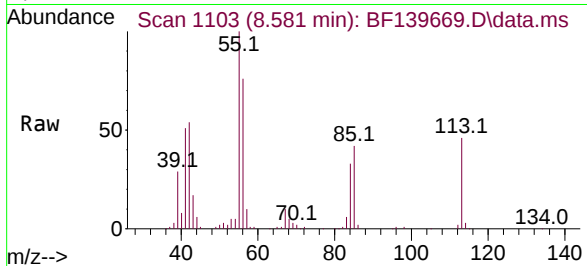




#35
 Caprolactam
 Concen: 41.287 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: BF139669.D
 Acq: 04 Oct 2024 20:44

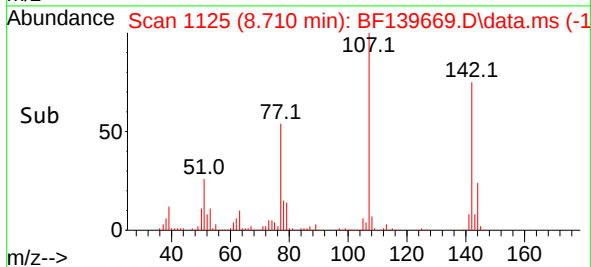
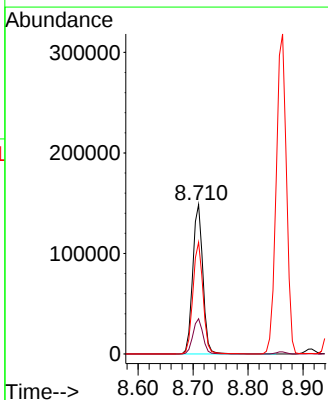
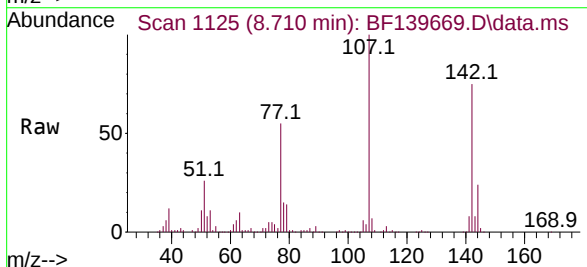
Instrument :
 BNA_F
 ClientSampleId :
 TP-QMS

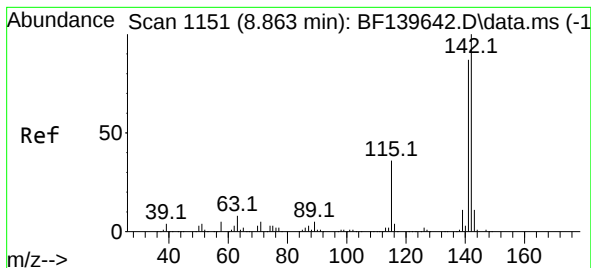
Tgt Ion:113 Resp: 56629
 Ion Ratio Lower Upper
 113 100
 55 215.1 193.4 233.4
 56 164.4 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.353 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139669.D
 Acq: 04 Oct 2024 20:44

Tgt Ion:107 Resp: 191024
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.0 28.6
 142 74.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.576 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

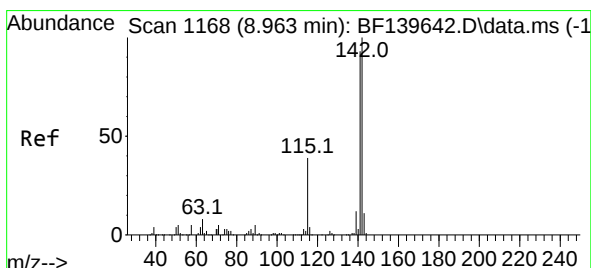
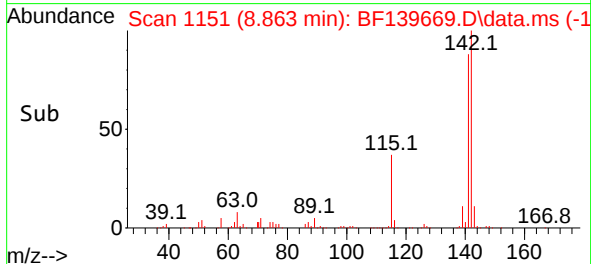
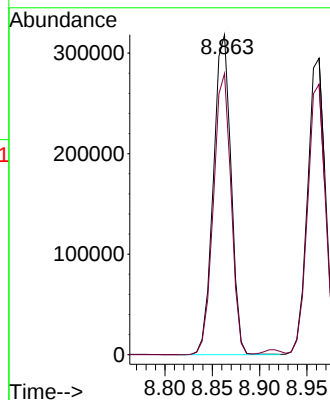
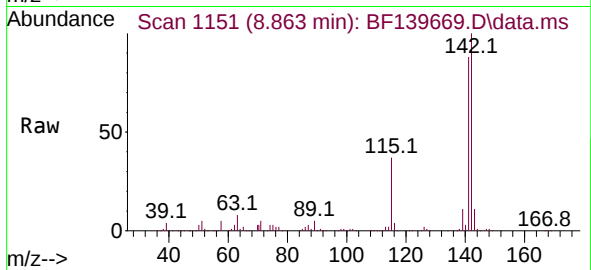
TP-QMS

Tgt Ion:142 Resp: 412375

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 39.398 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139669.D

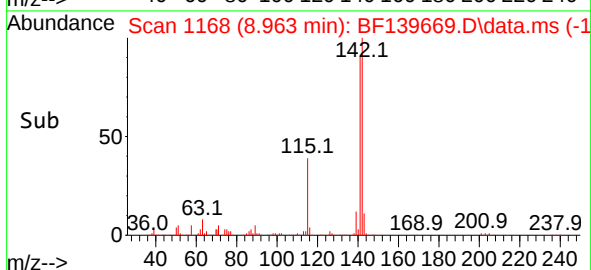
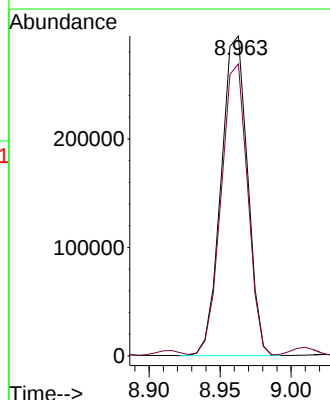
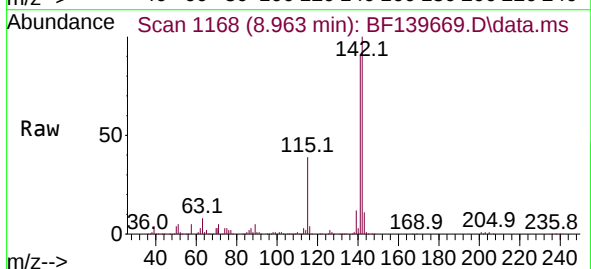
Acq: 04 Oct 2024 20:44

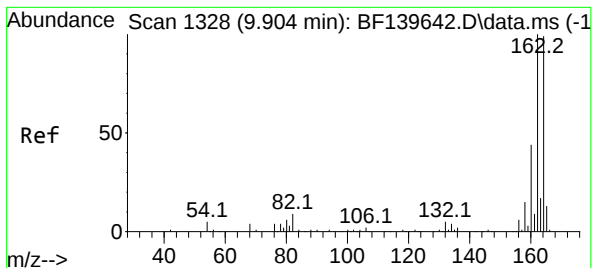
Tgt Ion:142 Resp: 381977

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

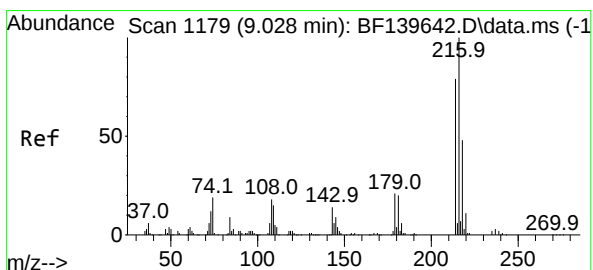
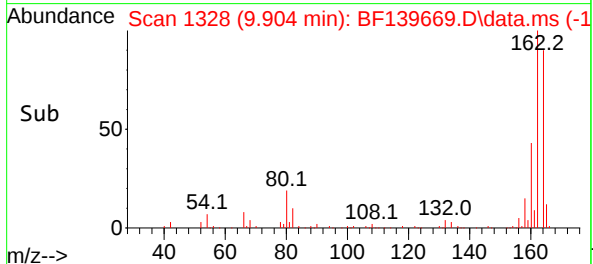
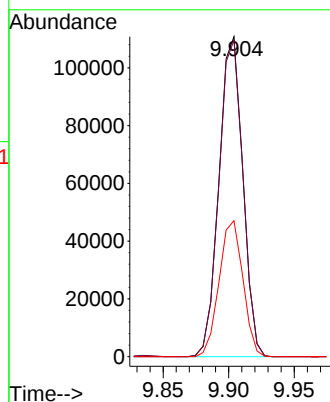
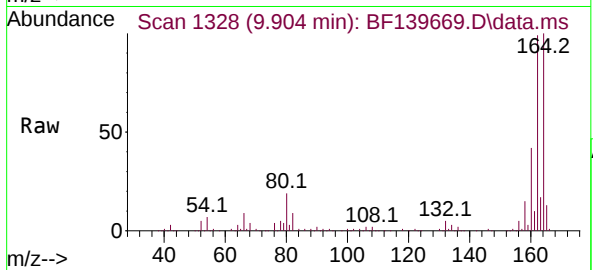
Tgt Ion:164 Resp: 139846

Ion Ratio Lower Upper

164 100

162 98.9 79.4 119.0

160 42.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.275 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Tgt Ion:216 Resp: 195235

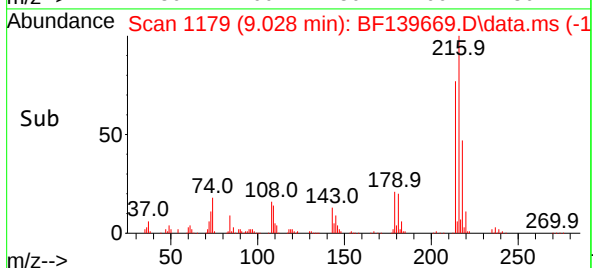
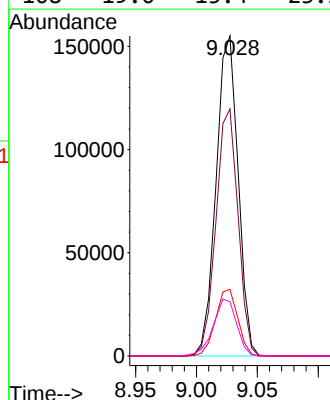
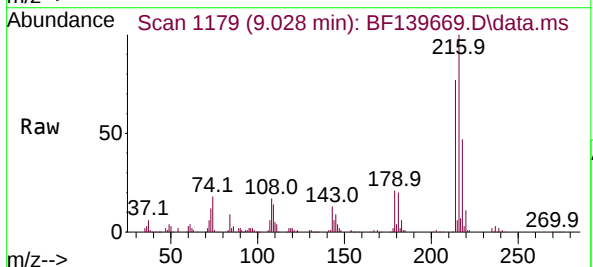
Ion Ratio Lower Upper

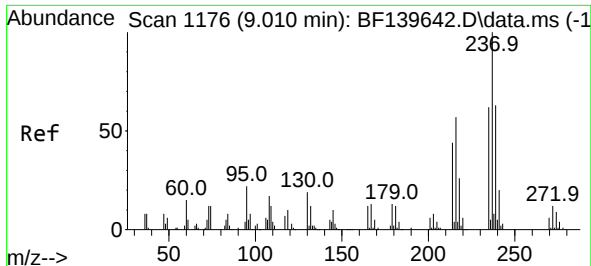
216 100

214 77.2 63.7 95.5

179 21.0 16.9 25.3

108 19.0 15.4 23.2

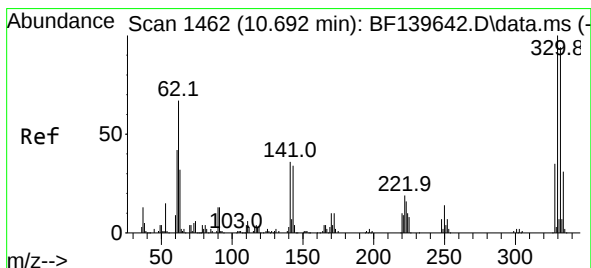
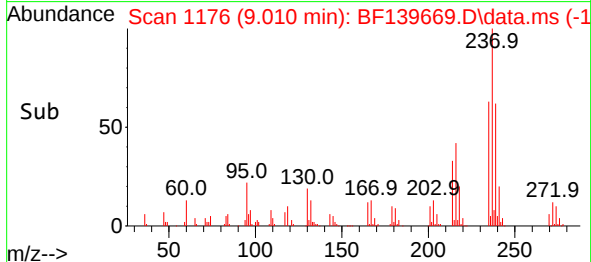
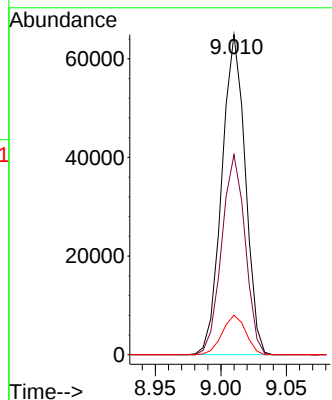
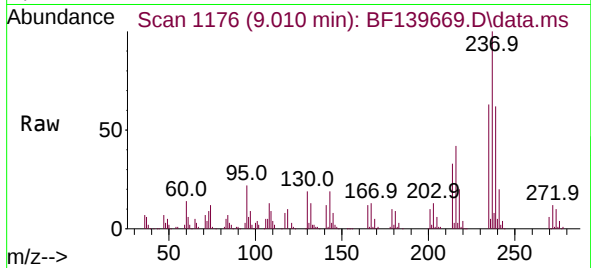




#41
Hexachlorocyclopentadiene
Concen: 67.736 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

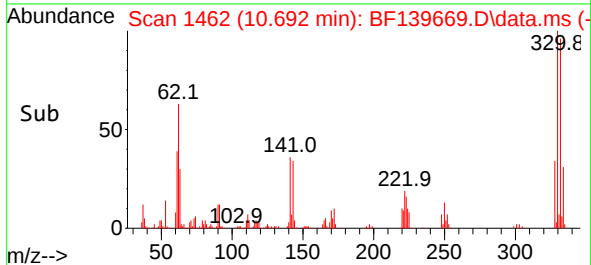
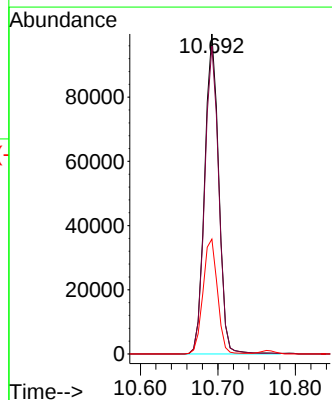
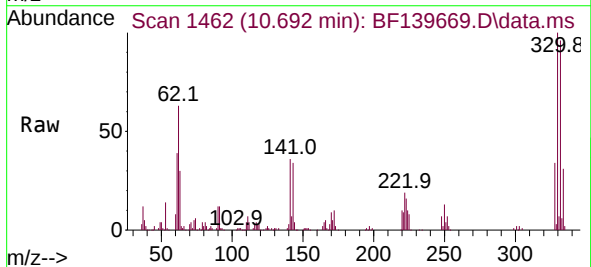
Instrument :
BNA_F
ClientSampleId :
TP-QMS

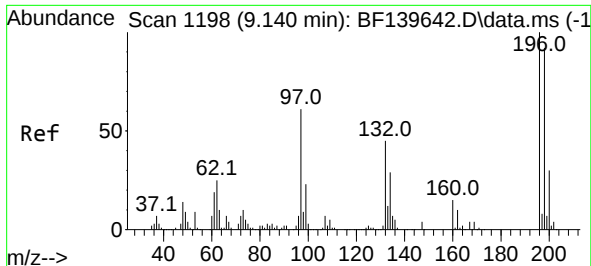
Tgt Ion:237 Resp: 80655
Ion Ratio Lower Upper
237 100
235 62.5 42.5 82.5
272 12.4 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 92.750 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:330 Resp: 125211
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 37.0 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 47.133 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

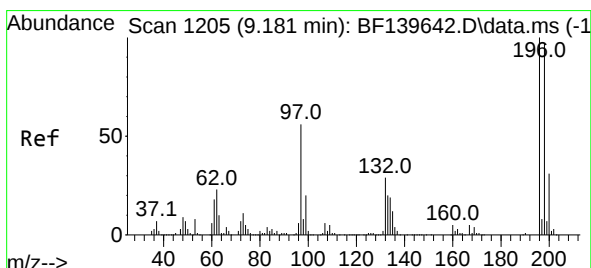
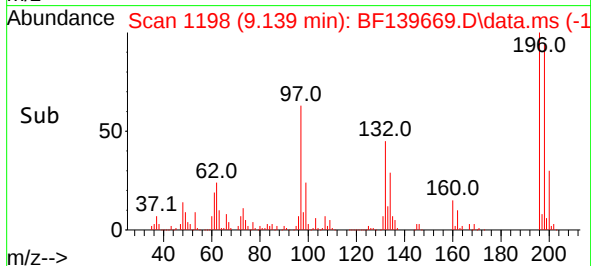
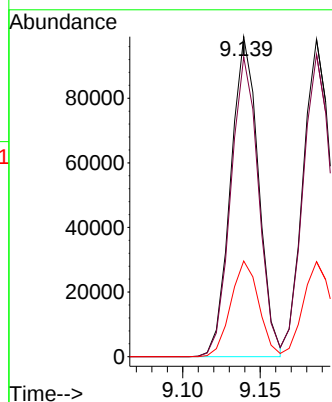
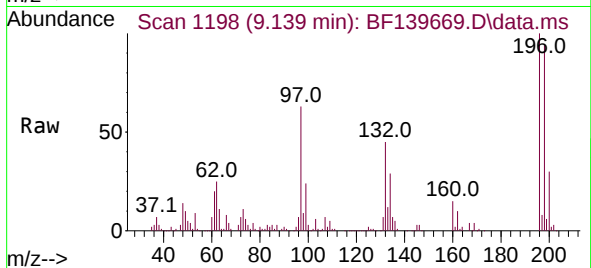
Tgt Ion:196 Resp: 123389

Ion Ratio Lower Upper

196 100

198 93.6 75.2 112.8

200 29.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.013 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Tgt Ion:196 Resp: 127079

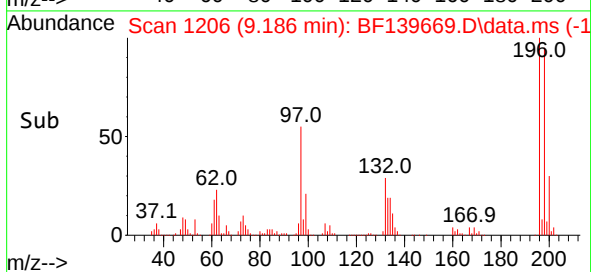
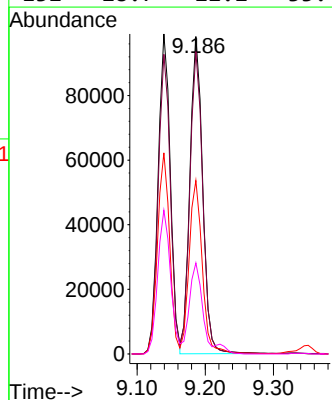
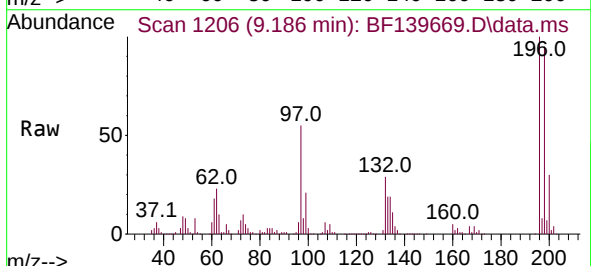
Ion Ratio Lower Upper

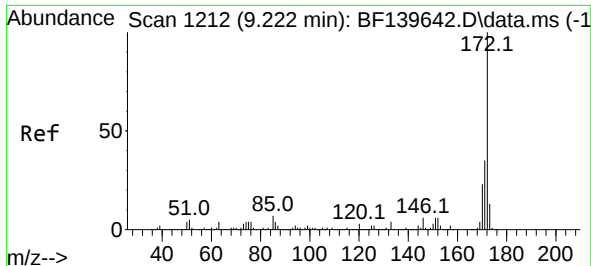
196 100

198 95.2 77.5 116.3

97 54.6 43.1 64.7

132 28.7 22.2 33.4

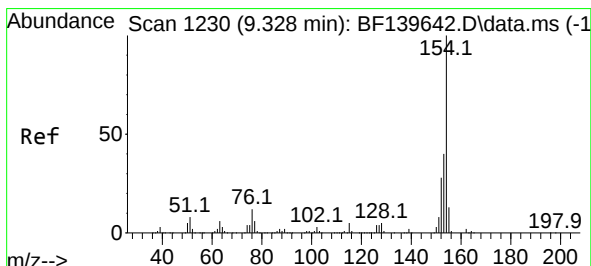
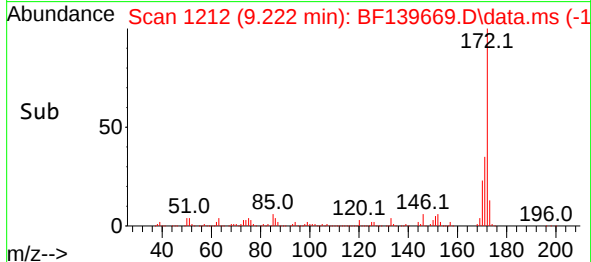
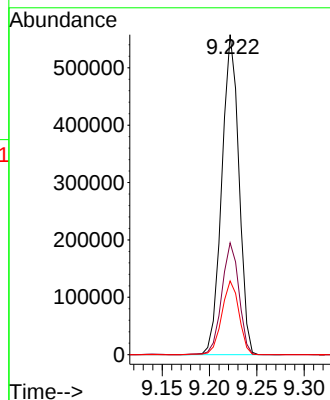
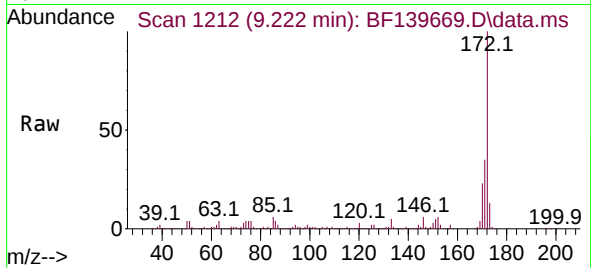




#45
2-Fluorobiphenyl
Concen: 77.005 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

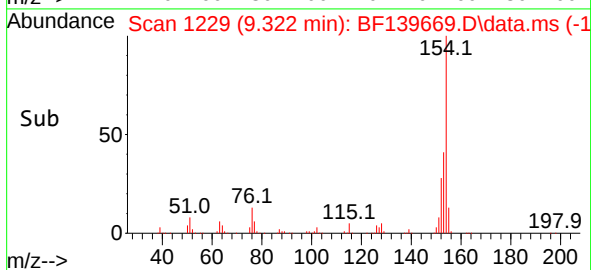
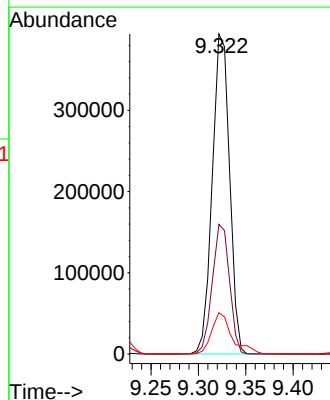
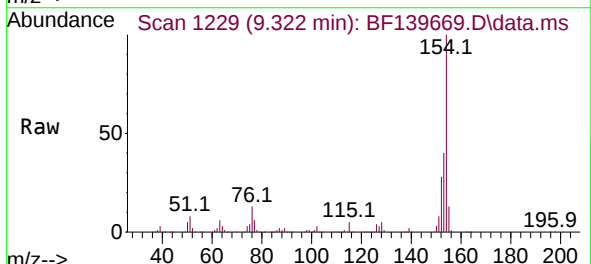
Instrument :
BNA_F
ClientSampleId :
TP-QMS

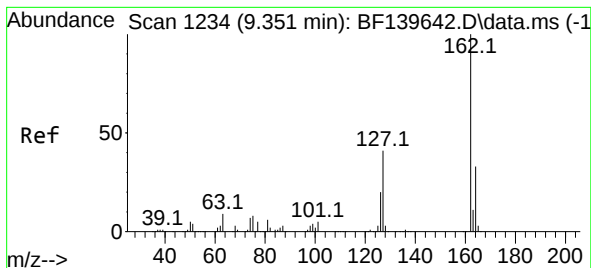
Tgt Ion:172 Resp: 701471
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.1 18.8 28.2



#46
1,1'-Biphenyl
Concen: 48.032 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:154 Resp: 499595
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.9 0.0 32.6





#47

2-Chloronaphthalene

Concen: 46.842 ng

RT: 9.351 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

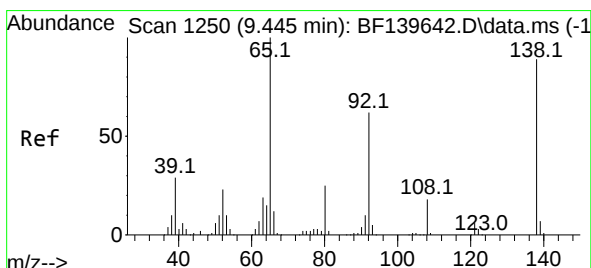
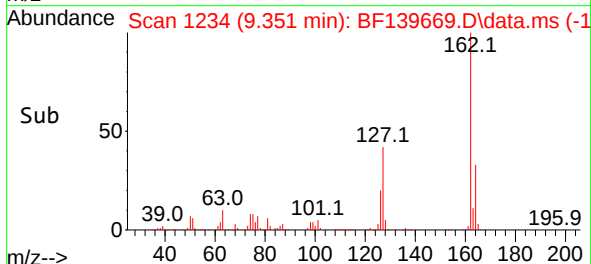
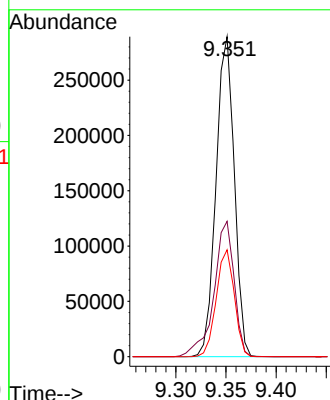
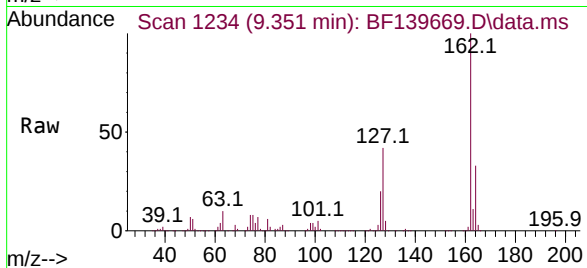
Tgt Ion:162 Resp: 365257

Ion Ratio Lower Upper

162 100

127 42.3 35.0 52.4

164 33.4 26.1 39.1



#48

2-Nitroaniline

Concen: 47.433 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

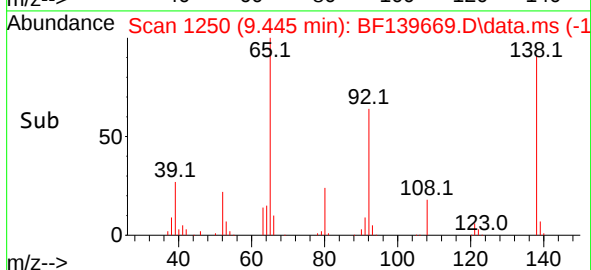
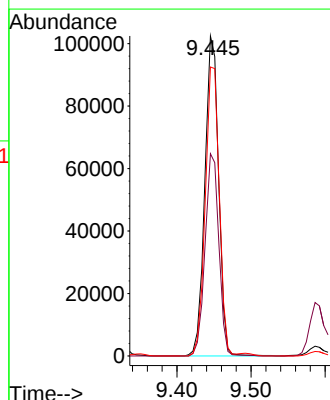
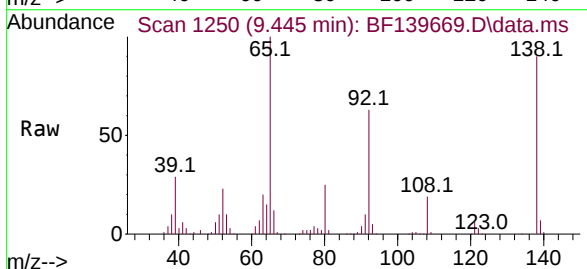
Tgt Ion: 65 Resp: 132770

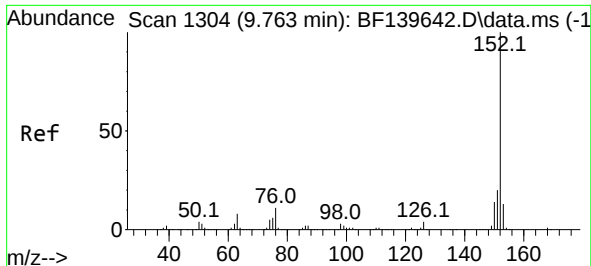
Ion Ratio Lower Upper

65 100

92 63.2 50.0 75.0

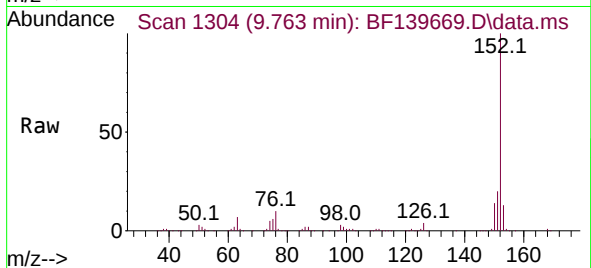
138 90.3 73.8 110.8



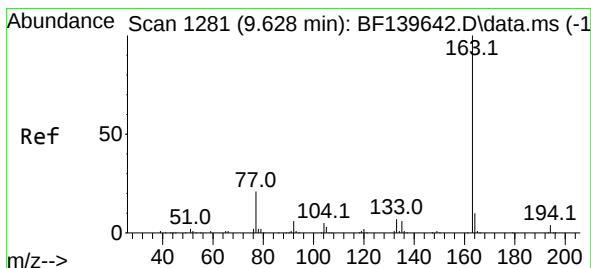
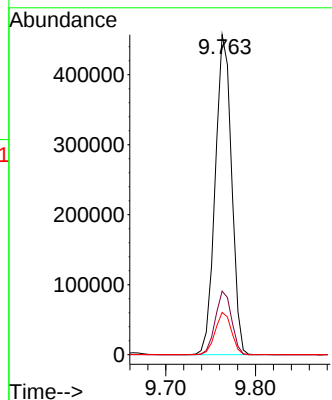
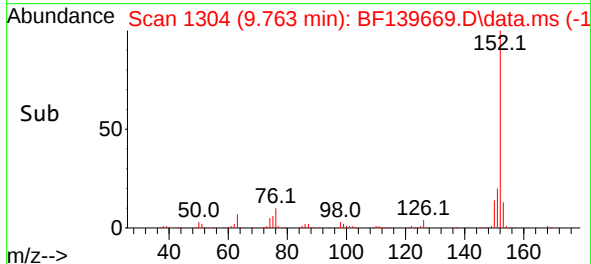


#49
Acenaphthylene
Concen: 48.705 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

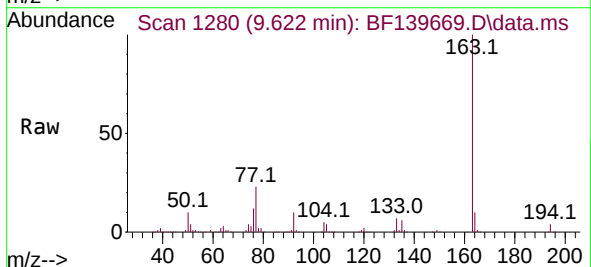
Instrument :
BNA_F
ClientSampleId :
TP-QMS



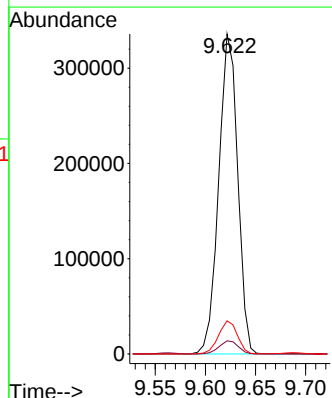
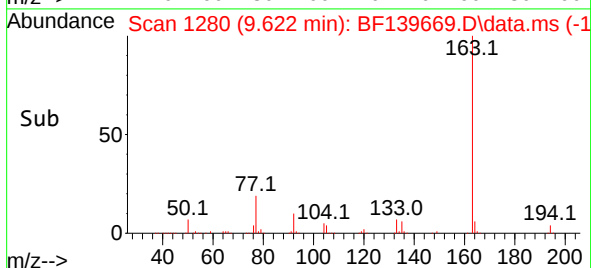
Tgt Ion:152 Resp: 577558
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.5 15.7

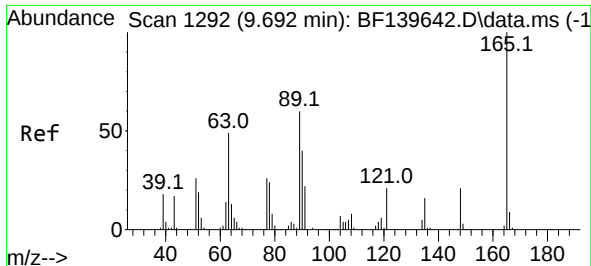


#50
Dimethylphthalate
Concen: 48.197 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44



Tgt Ion:163 Resp: 441217
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.1 12.1

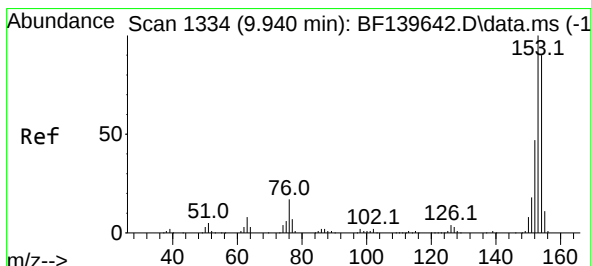
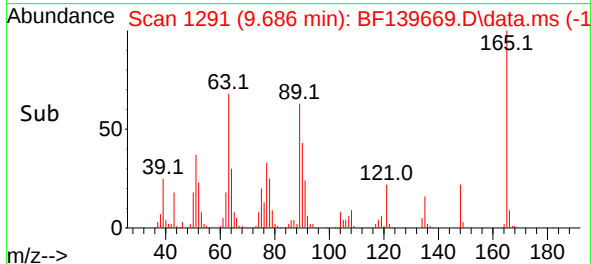
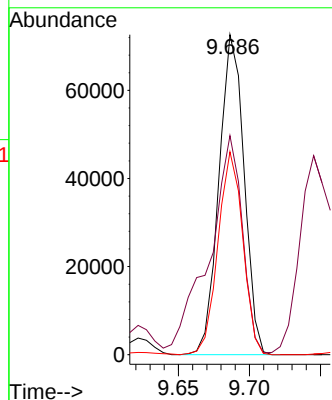
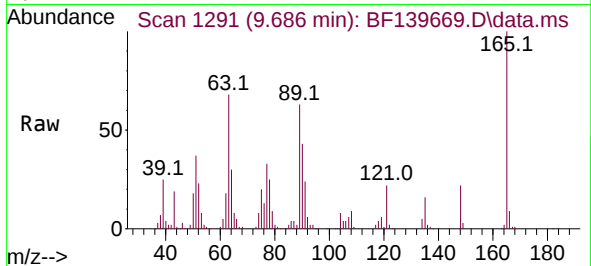




#51
2,6-Dinitrotoluene
Concen: 43.130 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

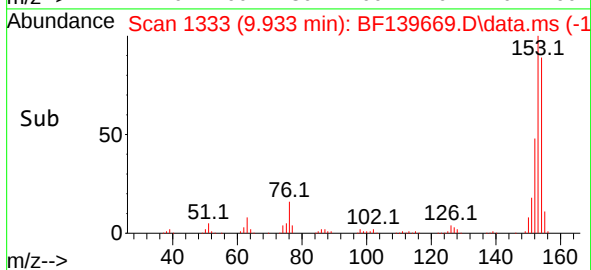
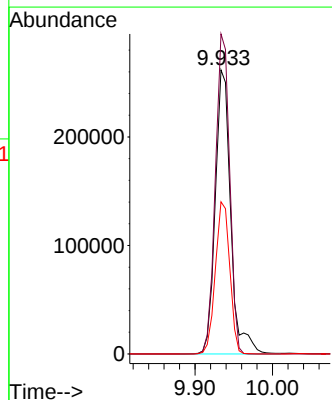
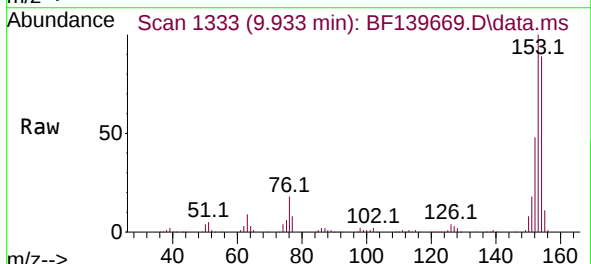
Instrument :
BNA_F
ClientSampleId :
TP-QMS

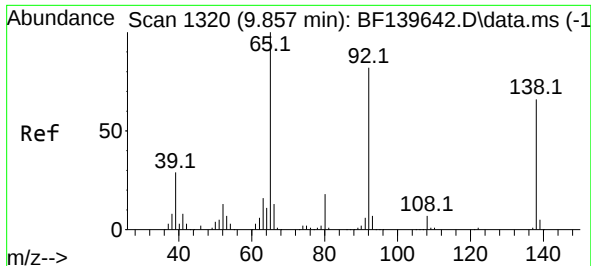
Tgt Ion:165 Resp: 89191
Ion Ratio Lower Upper
165 100
63 68.5 56.7 85.1
89 63.4 51.6 77.4



#52
Acenaphthene
Concen: 44.517 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:154 Resp: 362403
Ion Ratio Lower Upper
154 100
153 112.7 88.8 133.2
152 53.6 42.5 63.7

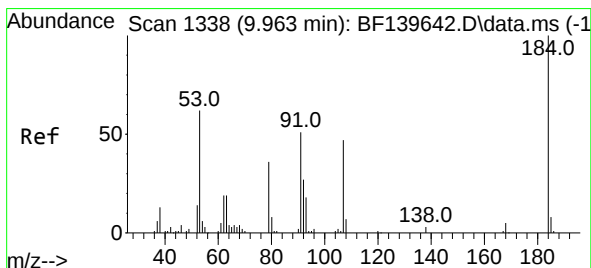
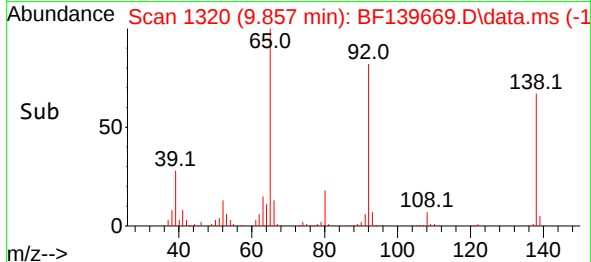
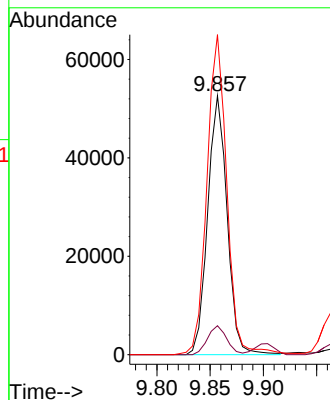
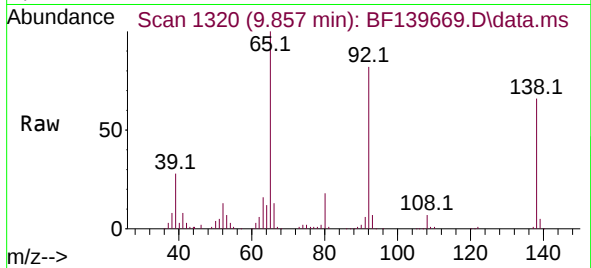




#53
3-Nitroaniline
Concen: 31.637 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

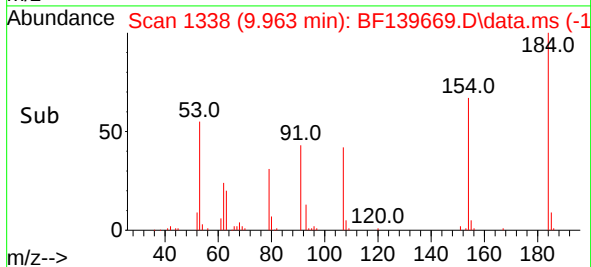
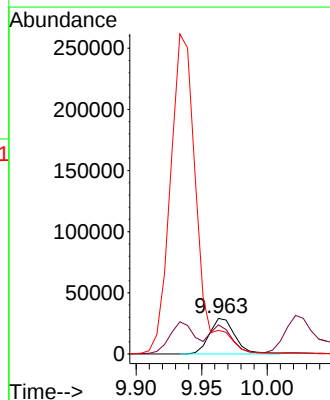
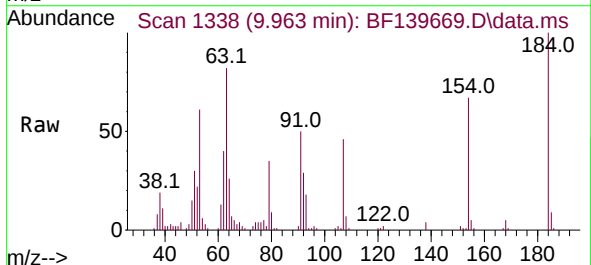
Instrument :
BNA_F
ClientSampleId :
TP-QMS

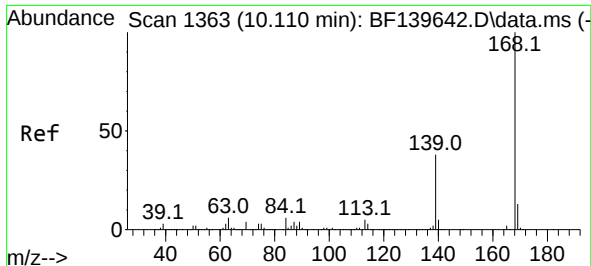
Tgt Ion:138 Resp: 66857
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 123.6 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 35.654 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:184 Resp: 39657
Ion Ratio Lower Upper
184 100
63 81.9 61.7 92.5
154 66.6 53.0 79.4

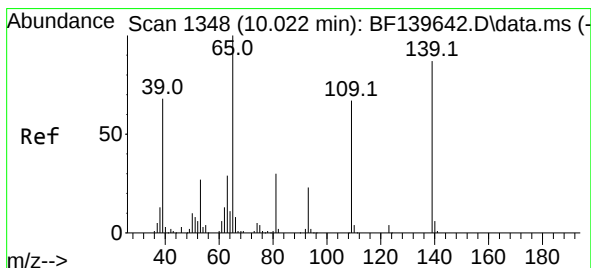
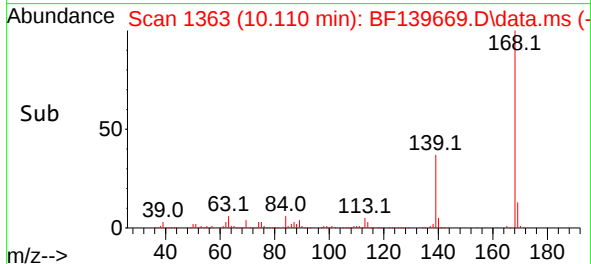
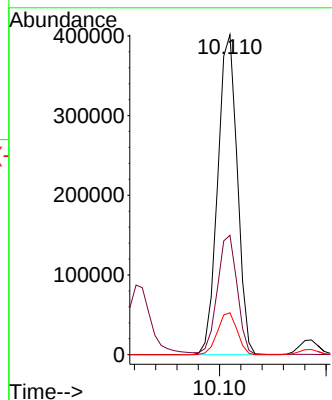
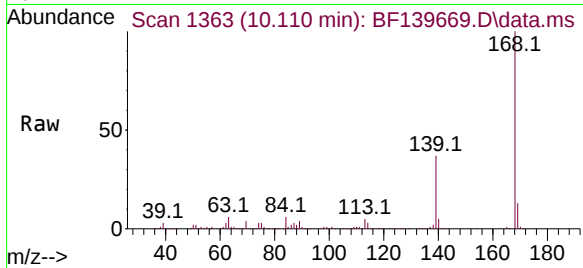




#55
Dibenzofuran
Concen: 44.811 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

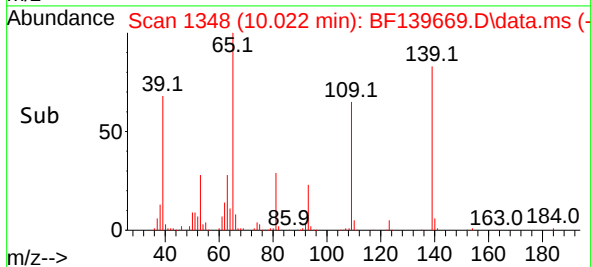
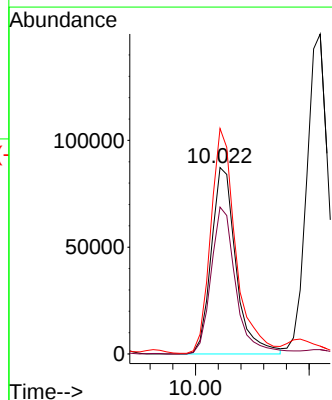
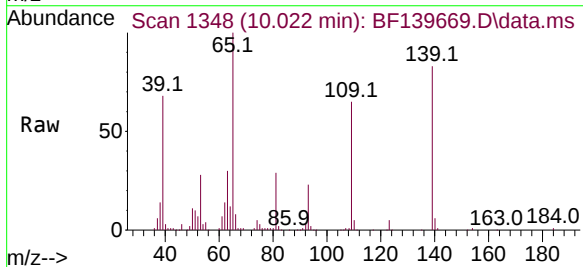
Instrument :
BNA_F
ClientSampleId :
TP-QMS

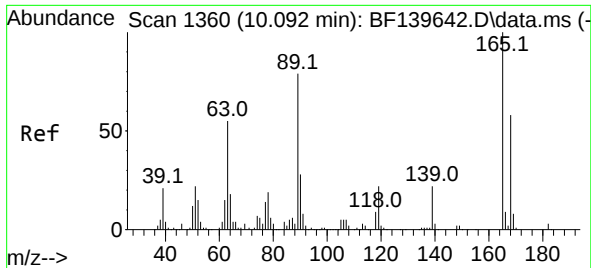
Tgt Ion:168 Resp: 510767
Ion Ratio Lower Upper
168 100
139 37.3 30.4 45.6
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 81.777 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:139 Resp: 131788
Ion Ratio Lower Upper
139 100
109 78.8 60.3 100.3
65 121.0 100.8 140.8

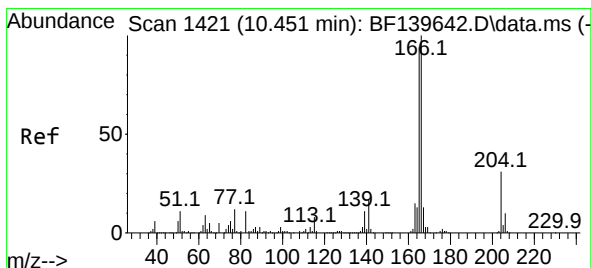
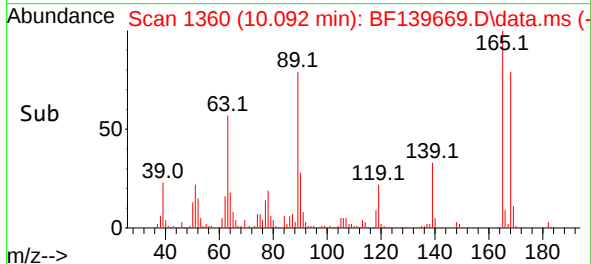
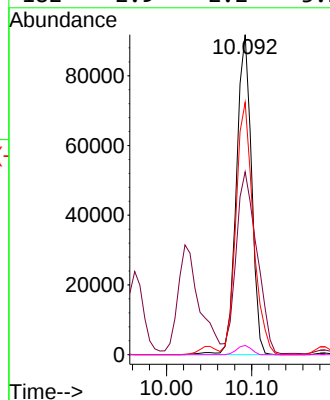
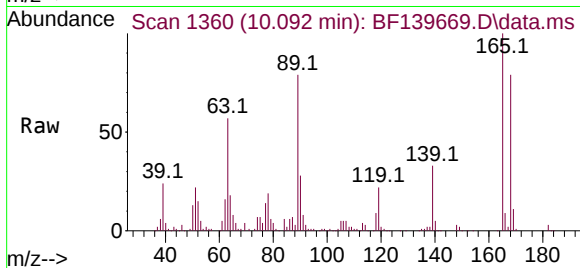




#57
2,4-Dinitrotoluene
Concen: 41.862 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

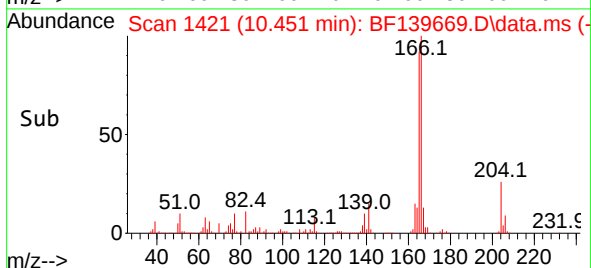
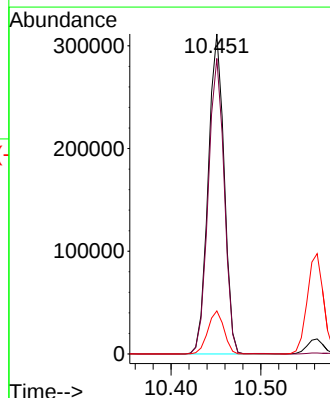
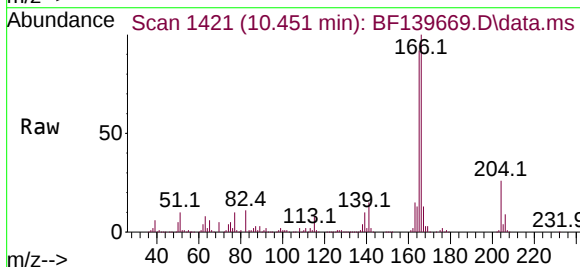
Instrument :
BNA_F
ClientSampleId :
TP-QMS

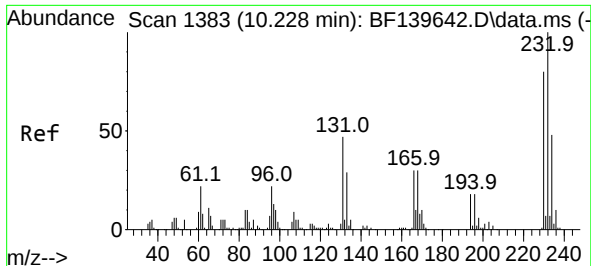
Tgt Ion:165	Resp:	113154	
Ion	Ratio	Lower	Upper
165	100		
63	57.1	46.9	70.3
89	78.9	64.4	96.6
182	2.9	2.2	3.2



#58
Fluorene
Concen: 42.398 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:166	Resp:	384911	
Ion	Ratio	Lower	Upper
166	100		
165	92.4	74.4	111.6
167	13.5	10.9	16.3

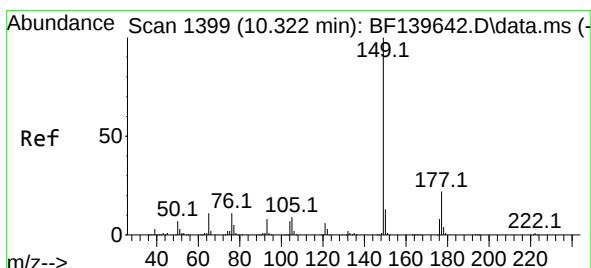
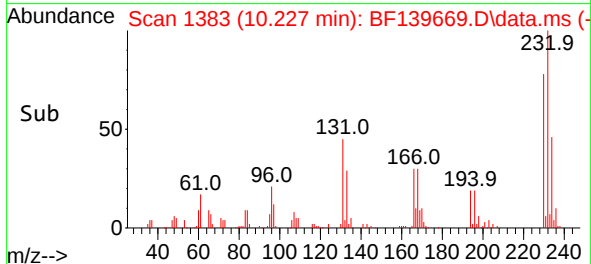
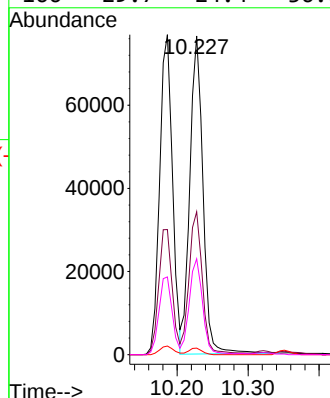
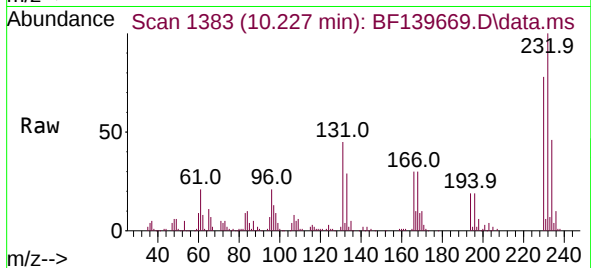




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.192 ng
RT: 10.227 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

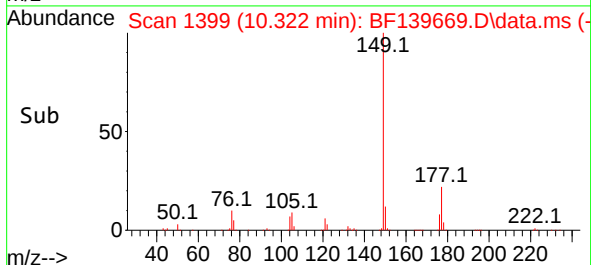
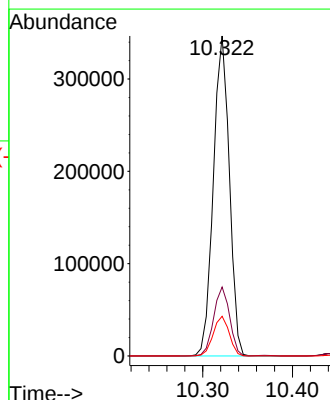
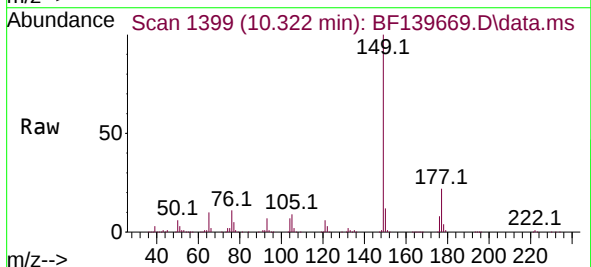
Instrument :
BNA_F
ClientSampleId :
TP-QMS

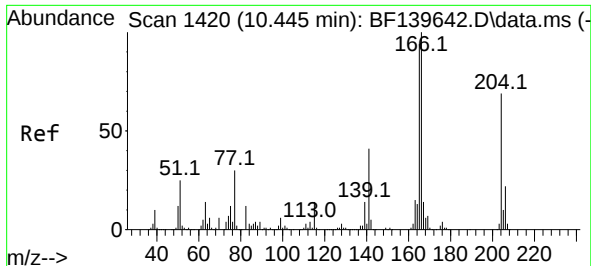
Tgt Ion:232 Resp: 98486
Ion Ratio Lower Upper
232 100
131 44.5 37.8 56.6
130 2.0 1.9 2.9
166 29.7 24.4 36.6



#60
Diethylphthalate
Concen: 45.328 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:149 Resp: 428602
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.4 10.0 15.0

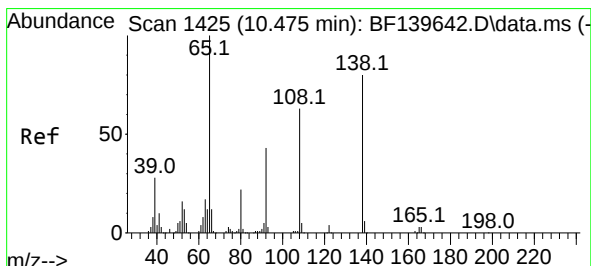
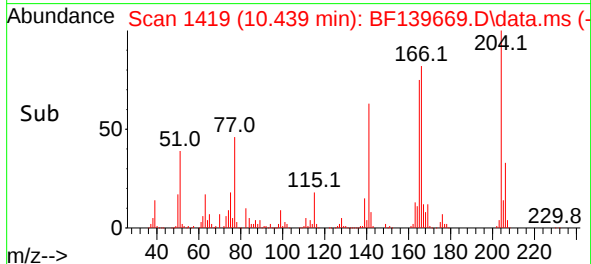
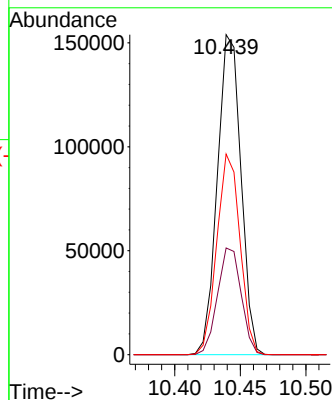
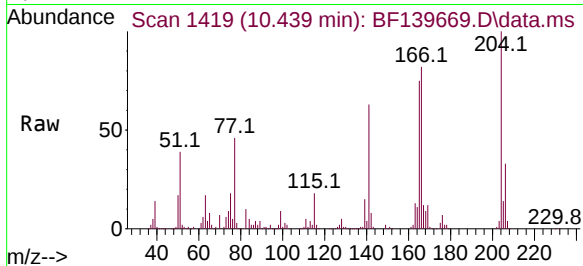




#61
4-Chlorophenyl-phenylether
Concen: 42.388 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

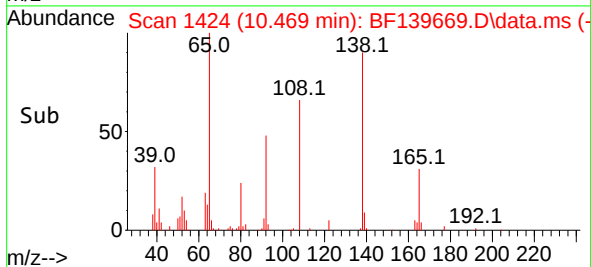
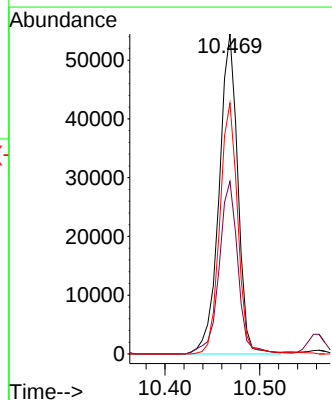
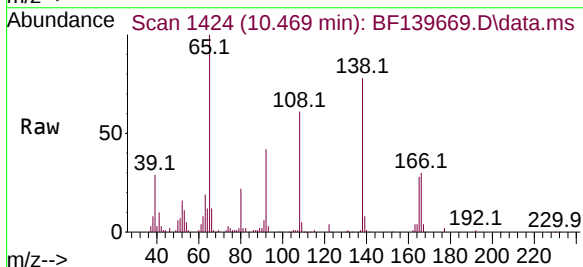
Instrument :
BNA_F
ClientSampleId :
TP-QMS

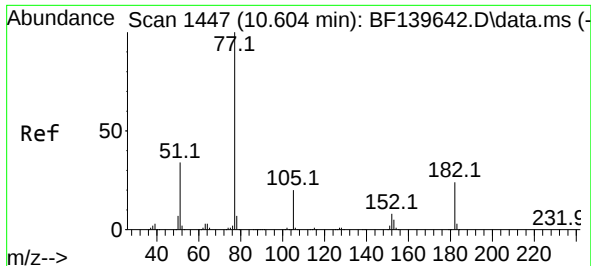
Tgt Ion:204 Resp: 192517
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 62.7 50.5 75.7



#62
4-Nitroaniline
Concen: 34.615 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:138 Resp: 74824
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 78.4 62.1 102.1

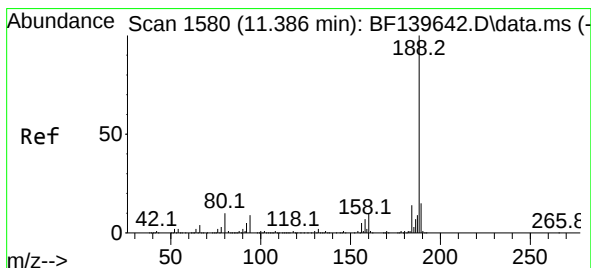
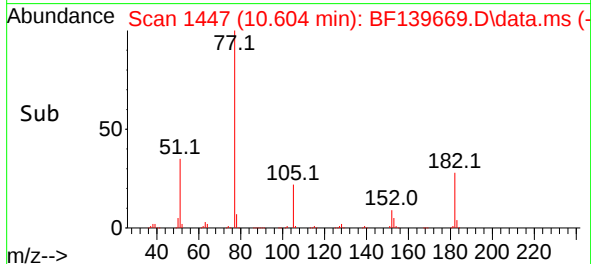
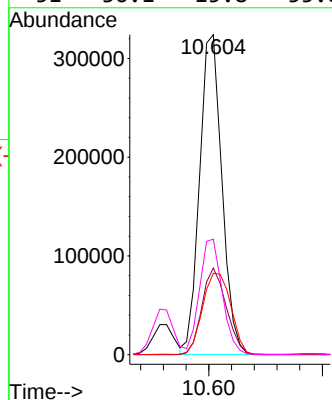
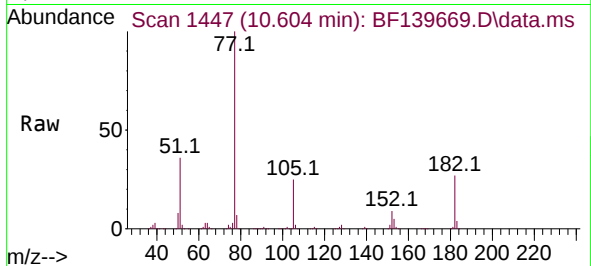




#63
Azobenzene
Concen: 46.608 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

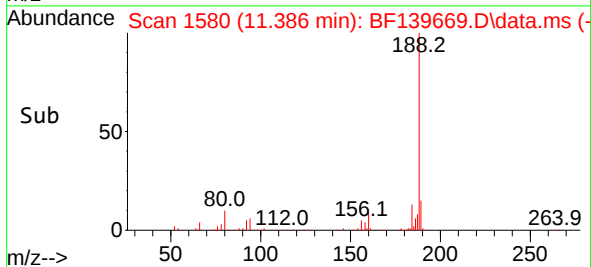
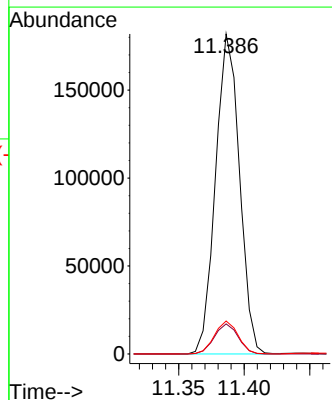
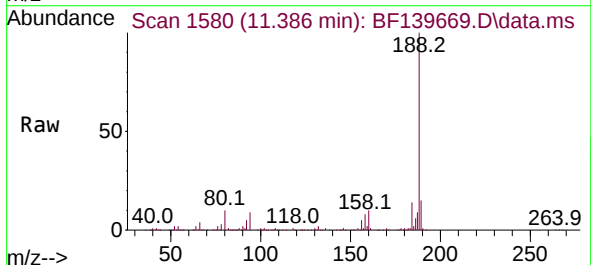
Instrument :
BNA_F
ClientSampleId :
TP-QMS

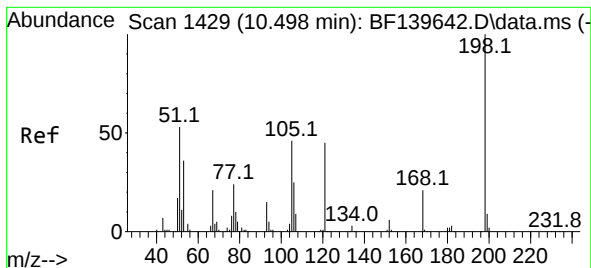
Tgt Ion:	77	Resp:	443201
Ion	Ratio	Lower	Upper
77	100		
182	27.1	4.2	44.2
105	25.5	0.0	39.6
51	36.1	15.8	55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:	188	Resp:	230700
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.3	8.2	12.2

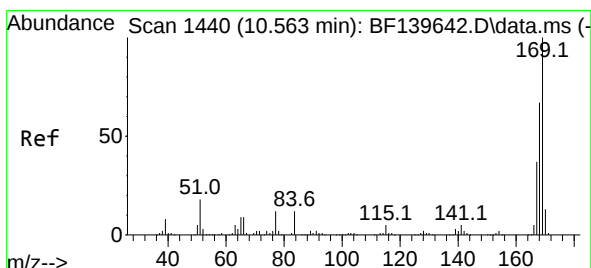
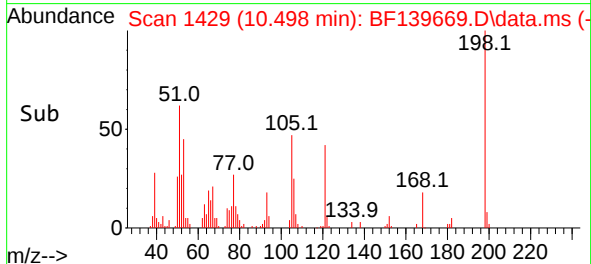
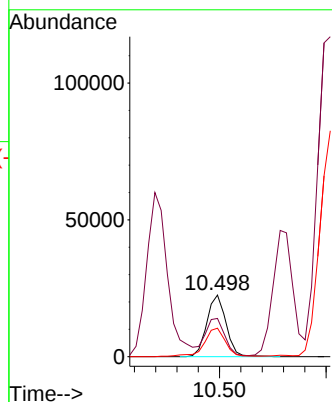
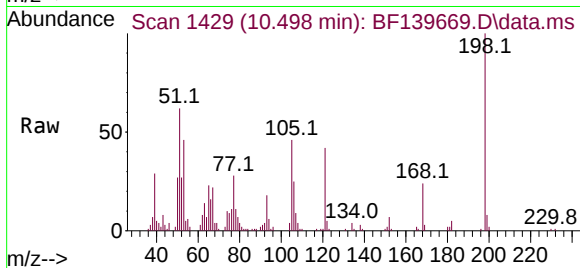




#65
4,6-Dinitro-2-methylphenol
Concen: 21.632 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

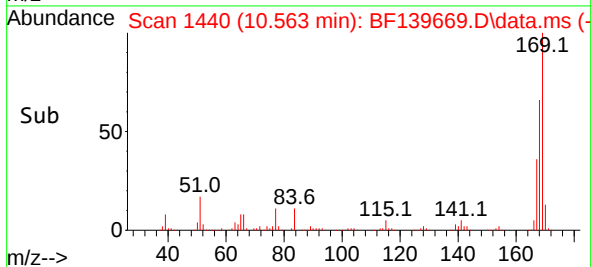
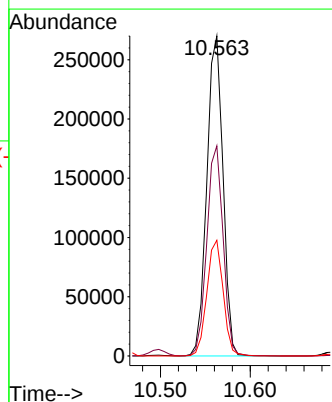
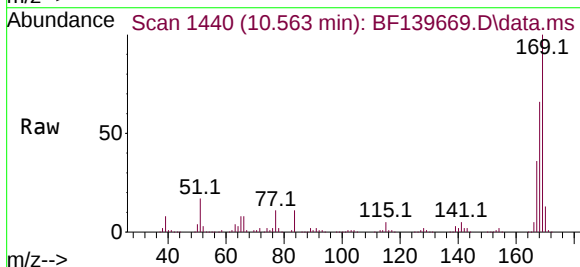
Instrument :
BNA_F
ClientSampleId :
TP-QMS

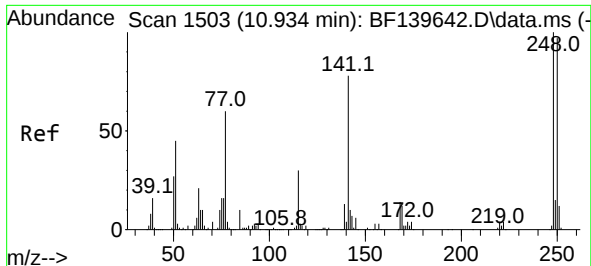
Tgt Ion:198 Resp: 28186
Ion Ratio Lower Upper
198 100
51 62.1 43.0 83.0
105 46.2 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 49.629 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:169 Resp: 337487
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 36.2 28.6 43.0

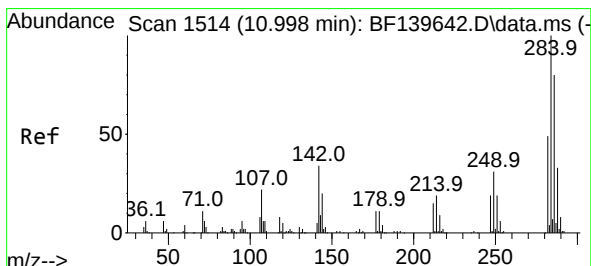
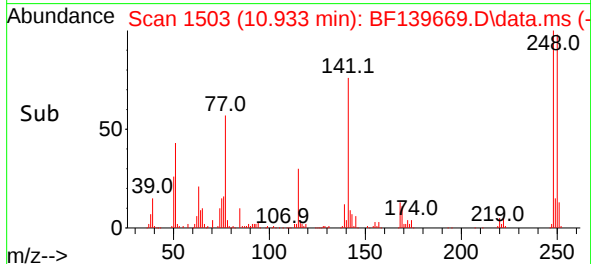
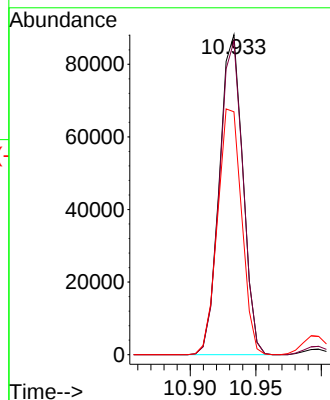
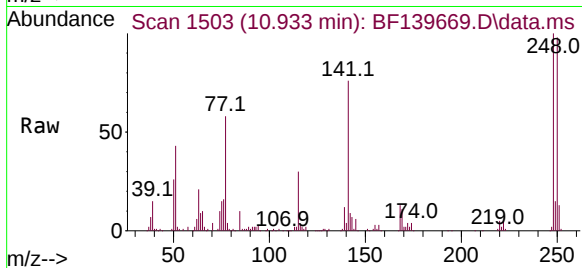




#67
4-Bromophenyl-phenylether
Concen: 46.201 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

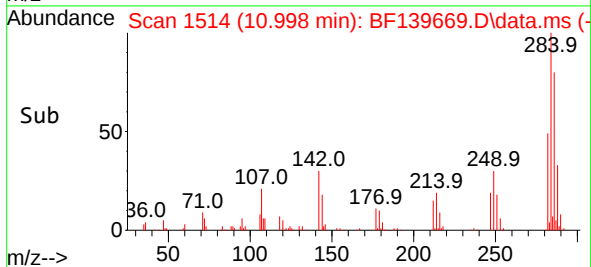
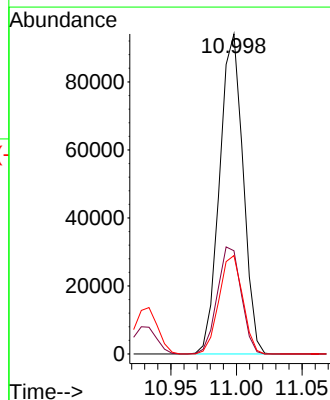
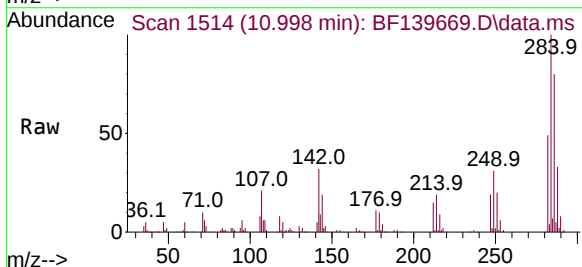
Instrument :
BNA_F
ClientSampleId :
TP-QMS

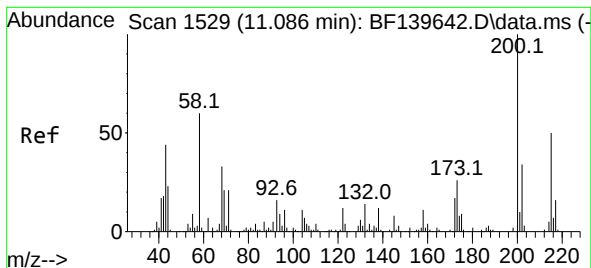
Tgt Ion:248 Resp: 109282
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 75.9 60.4 90.6



#68
Hexachlorobenzene
Concen: 44.550 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:284 Resp: 116933
Ion Ratio Lower Upper
284 100
142 32.3 26.9 40.3
249 30.8 25.4 38.0





#69

Atrazine

Concen: 55.866 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

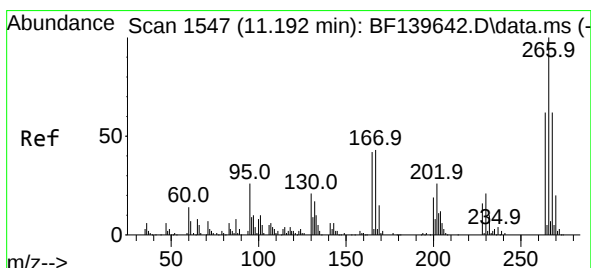
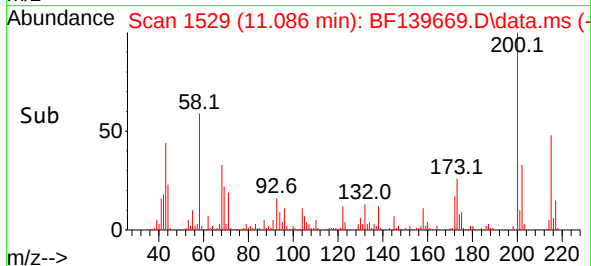
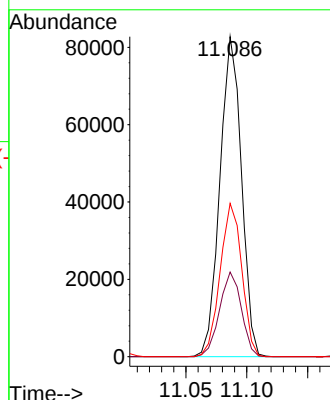
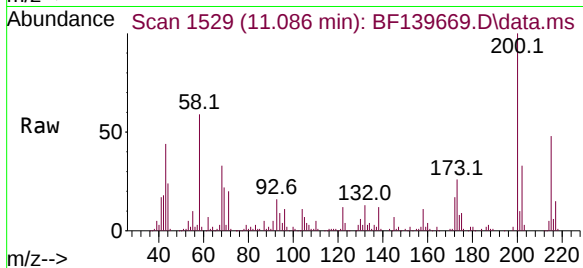
Tgt Ion:200 Resp: 101929

Ion Ratio Lower Upper

200 100

173 26.5 6.7 46.7

215 47.9 27.5 67.5



#70

Pentachlorophenol

Concen: 83.917 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

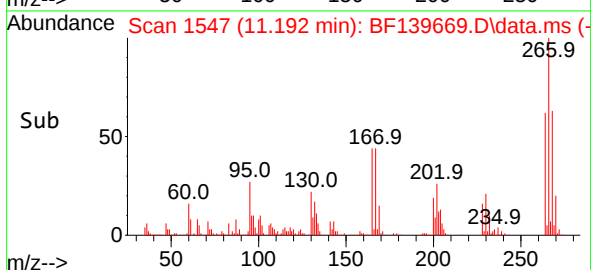
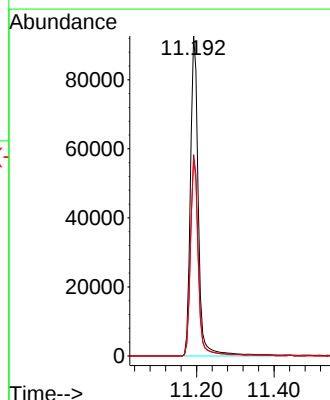
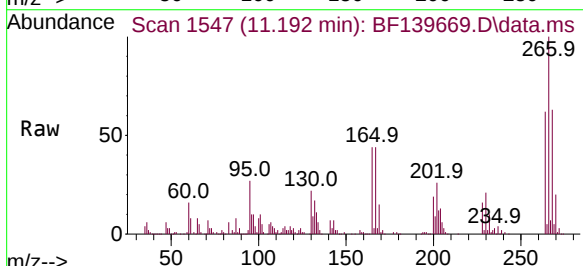
Tgt Ion:266 Resp: 131153

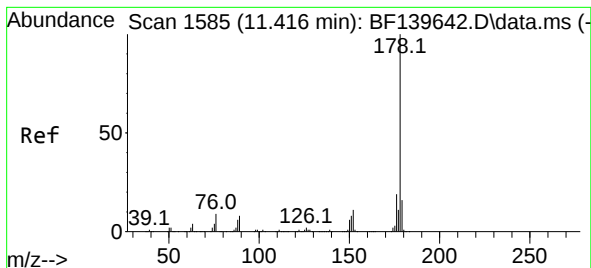
Ion Ratio Lower Upper

266 100

268 62.9 50.0 75.0

264 61.9 49.3 73.9





#71

Phenanthrene

Concen: 47.552 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

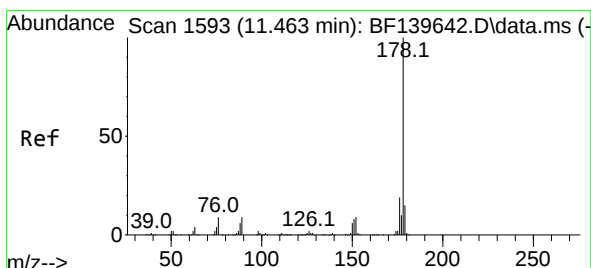
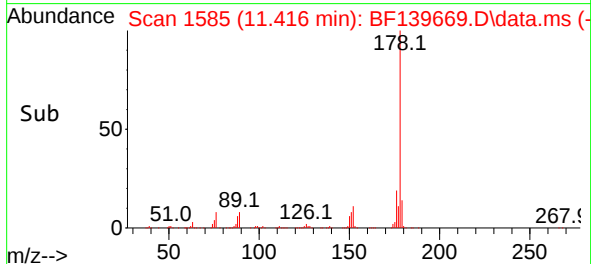
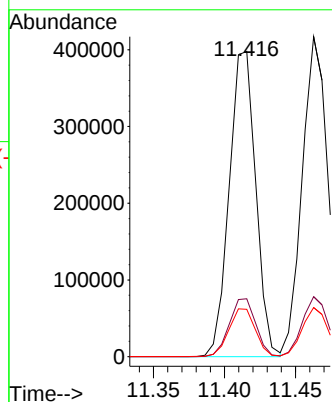
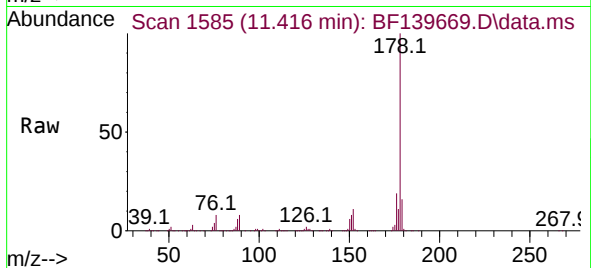
Tgt Ion:178 Resp: 517256

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.5 12.3 18.5



#72

Anthracene

Concen: 48.554 ng

RT: 11.463 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

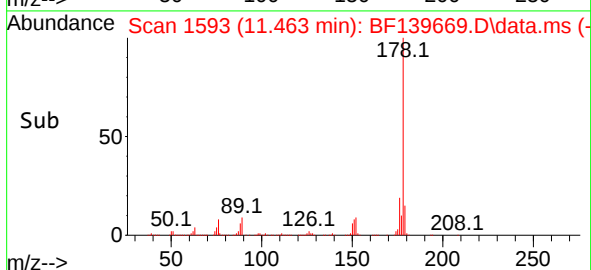
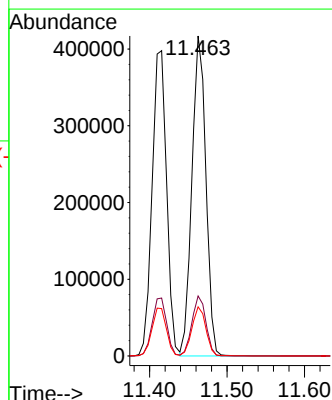
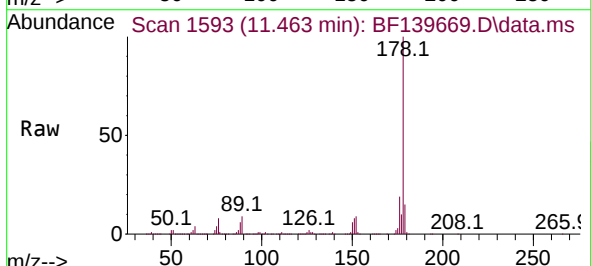
Tgt Ion:178 Resp: 522500

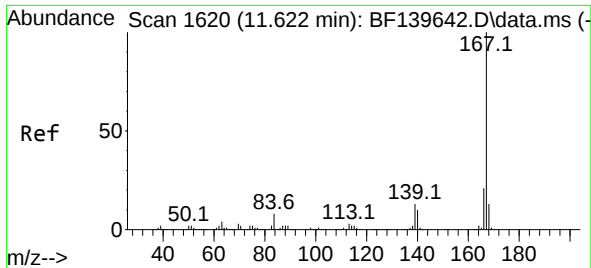
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.4 12.5 18.7

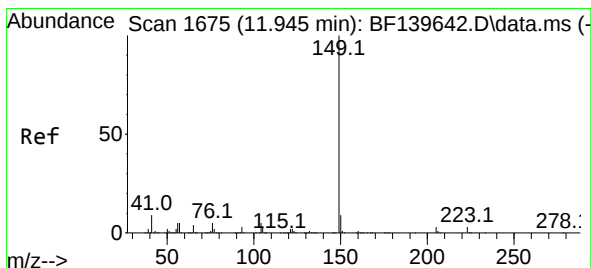
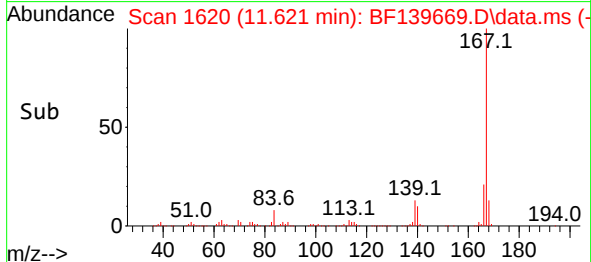
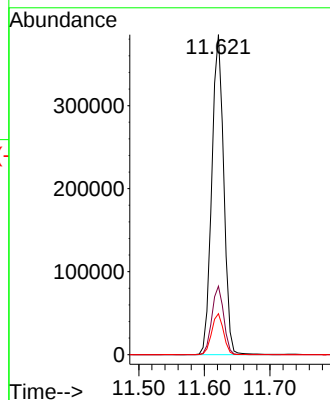
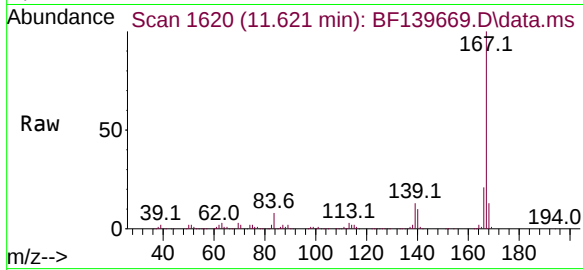




#73
 Carbazole
 Concen: 47.271 ng
 RT: 11.621 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF139669.D
 Acq: 04 Oct 2024 20:44

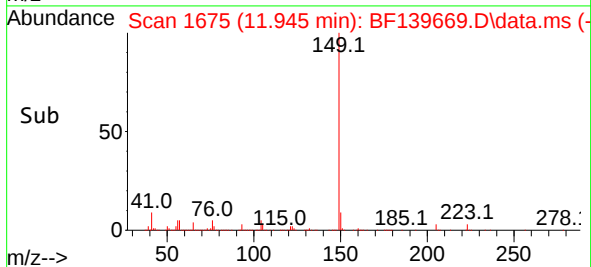
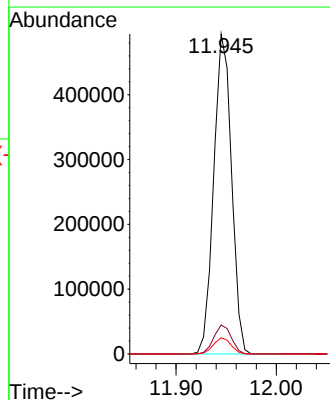
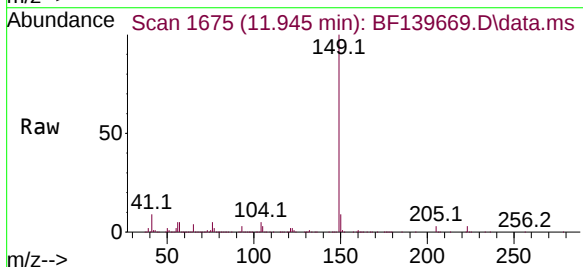
Instrument :
 BNA_F
 ClientSampleId :
 TP-QMS

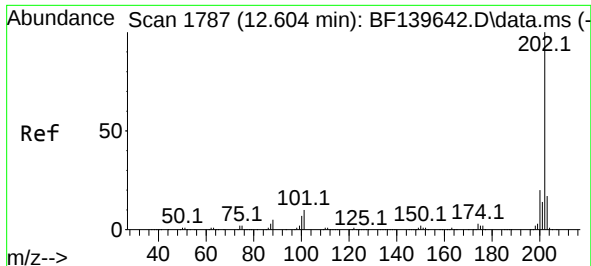
Tgt Ion:167 Resp: 488580
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 48.371 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.006 min
 Lab File: BF139669.D
 Acq: 04 Oct 2024 20:44

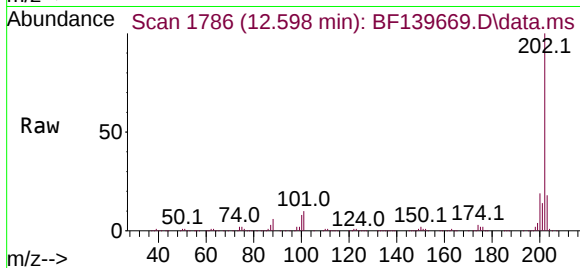
Tgt Ion:149 Resp: 607950
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.1 4.1 6.1



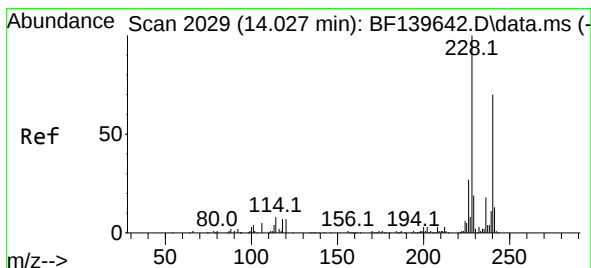
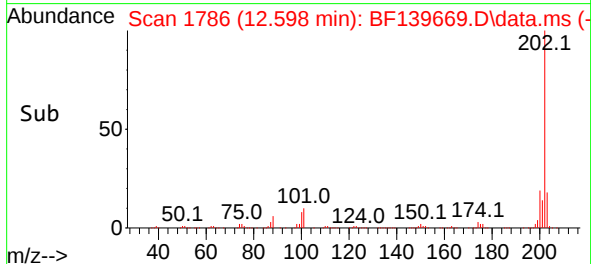
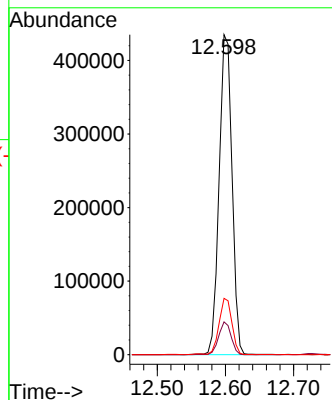


#75
Fluoranthene
Concen: 48.186 ng
RT: 12.598 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Instrument :
BNA_F
ClientSampleId :
TP-QMS

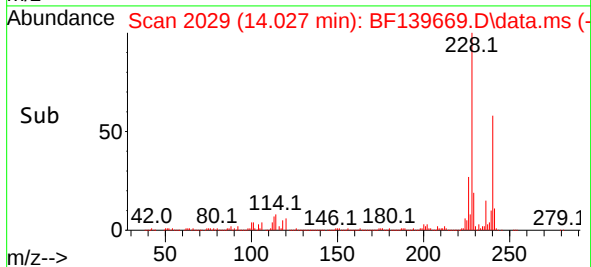
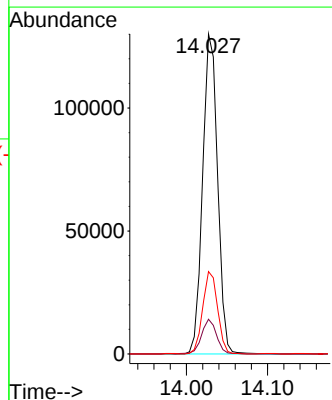
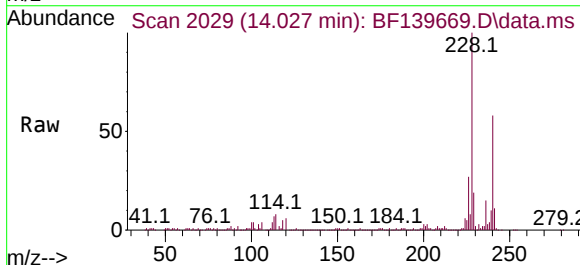


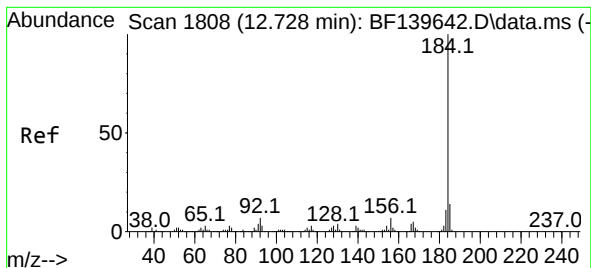
Tgt Ion:202 Resp: 572976
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:240 Resp: 166417
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 25.7 20.3 30.5





#77

Benzidine

Concen: 103.101 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

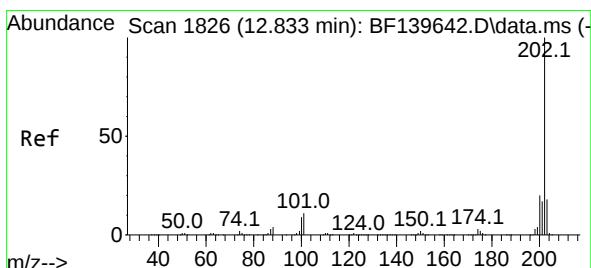
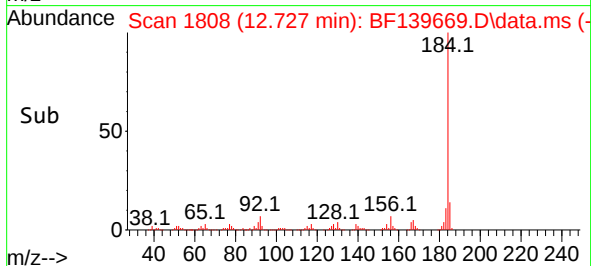
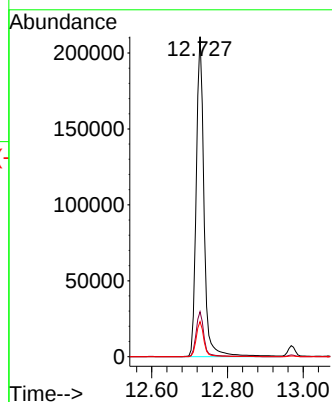
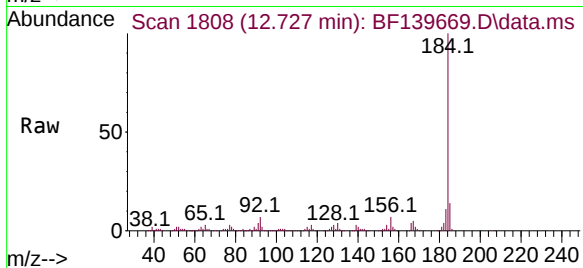
Tgt Ion:184 Resp: 302643

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 10.9 8.8 13.2



#78

Pyrene

Concen: 39.720 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

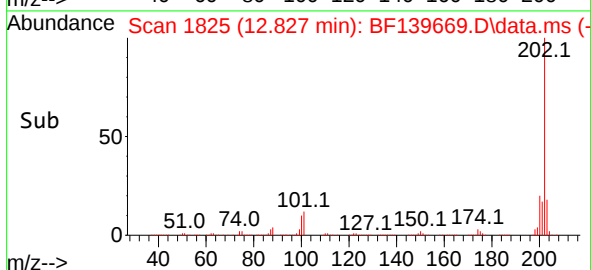
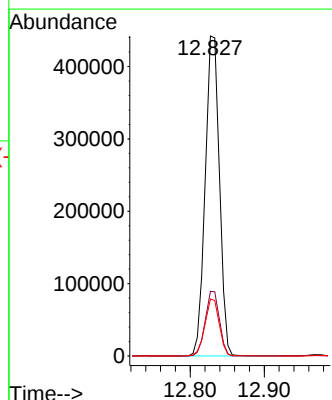
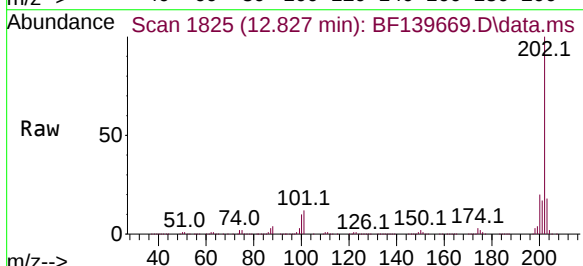
Tgt Ion:202 Resp: 591197

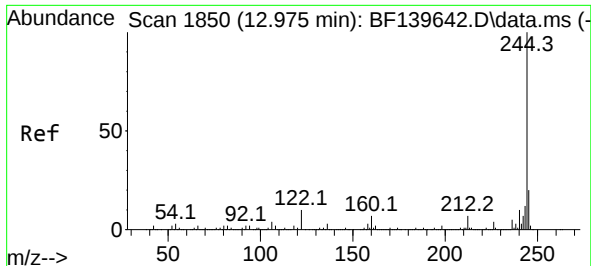
Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.6

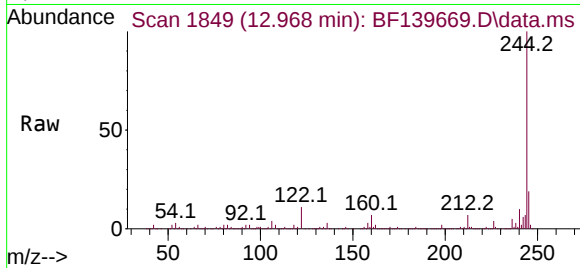
203 17.8 13.8 20.8



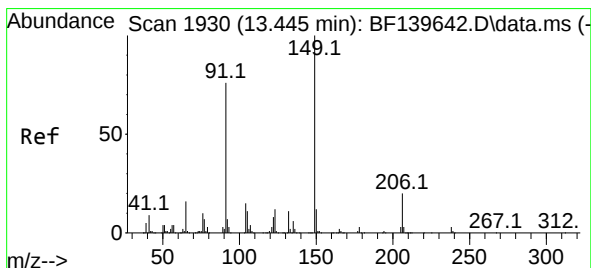
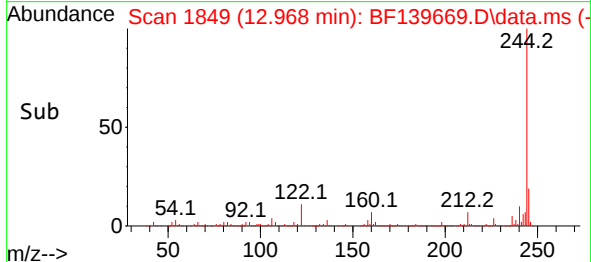
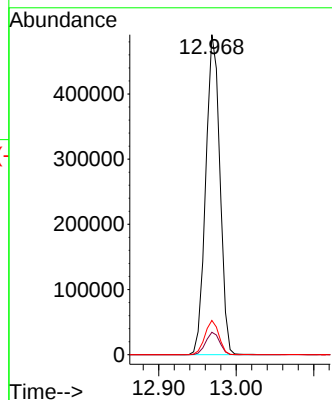


#79
 Terphenyl-d14
 Concen: 61.319 ng
 RT: 12.968 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF139669.D
 Acq: 04 Oct 2024 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-QMS

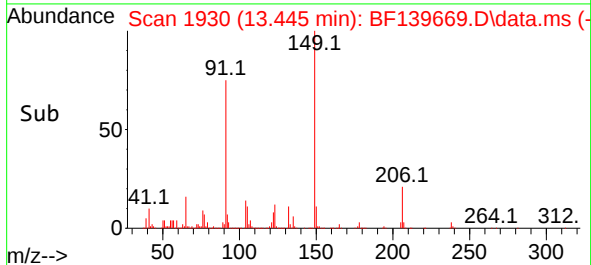
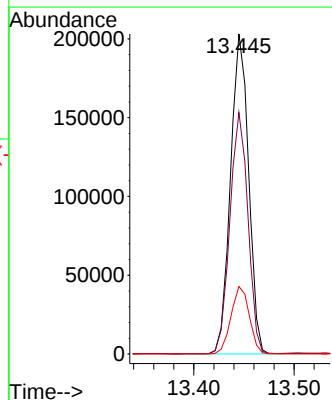
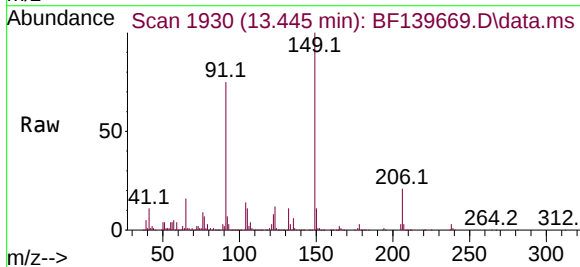


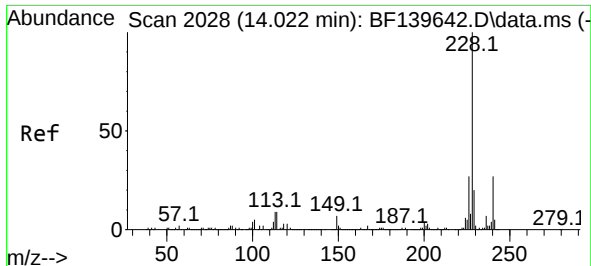
Tgt Ion:244 Resp: 621912
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.7 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 47.767 ng
 RT: 13.445 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF139669.D
 Acq: 04 Oct 2024 20:44

Tgt Ion:149 Resp: 254307
 Ion Ratio Lower Upper
 149 100
 91 75.5 61.0 91.4
 206 21.1 16.6 24.8

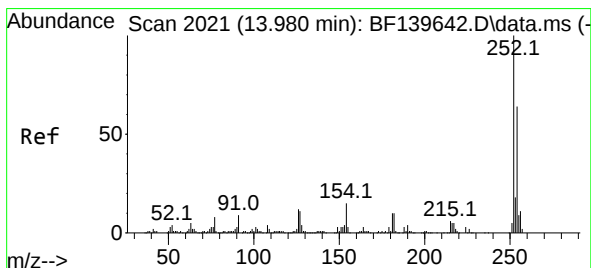
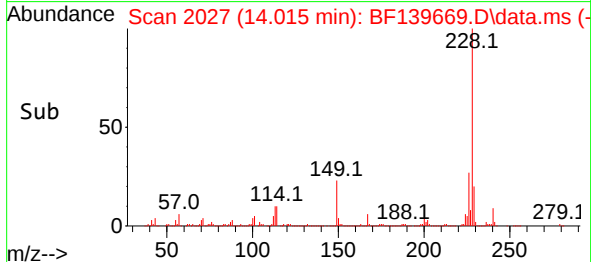
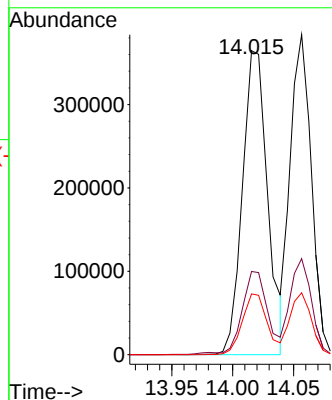
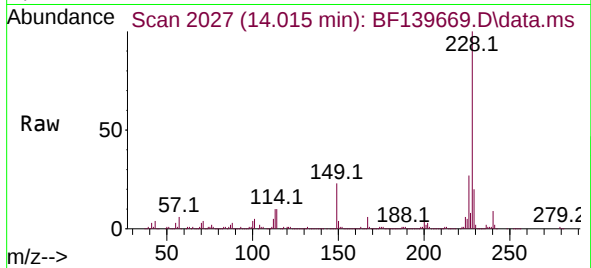




#81
Benzo(a)anthracene
Concen: 47.948 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

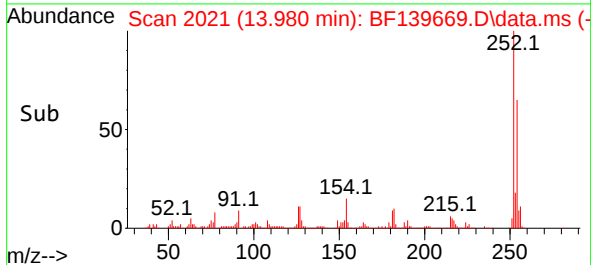
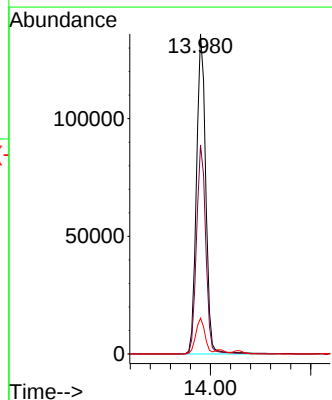
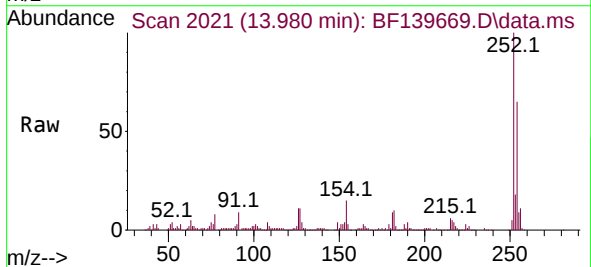
Instrument :
BNA_F
ClientSampleId :
TP-QMS

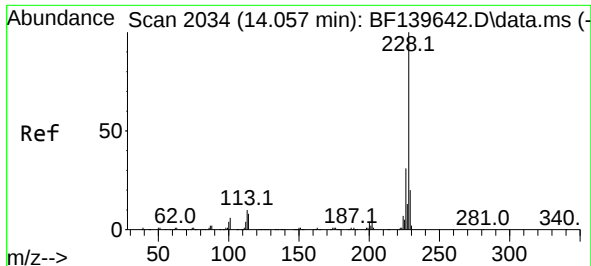
Tgt Ion:228 Resp: 524614
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 52.076 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:252 Resp: 174376
Ion Ratio Lower Upper
252 100
254 65.3 50.5 75.7
126 11.2 8.8 13.2

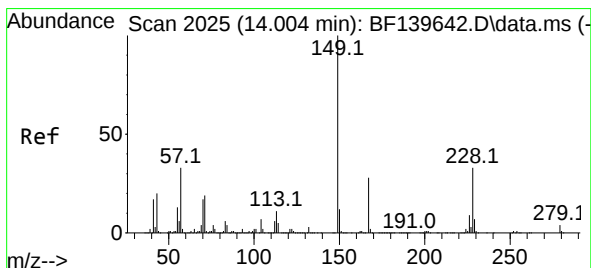
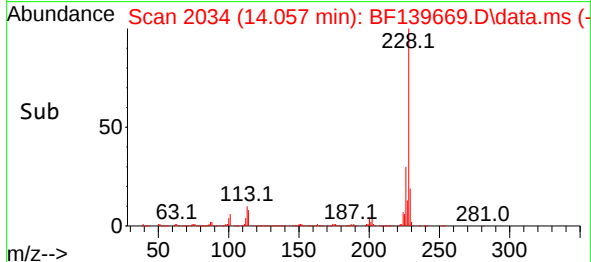
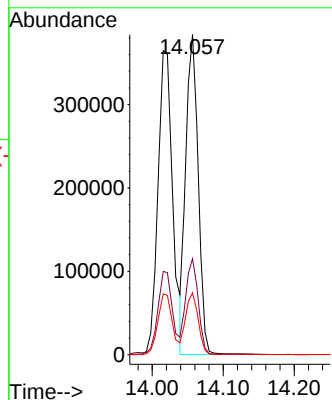
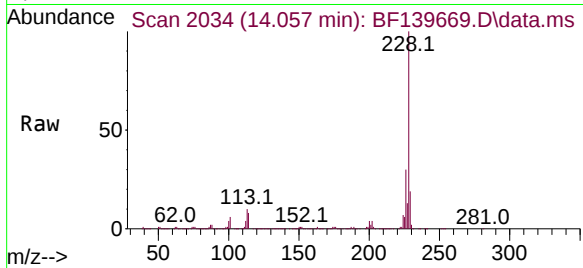




#83
Chrysene
Concen: 46.633 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

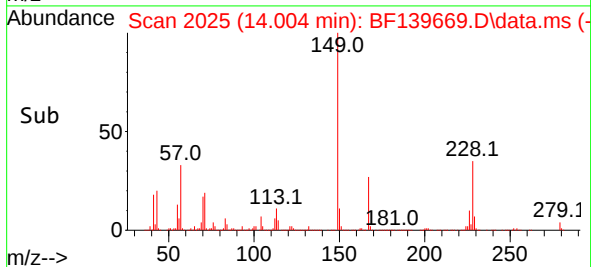
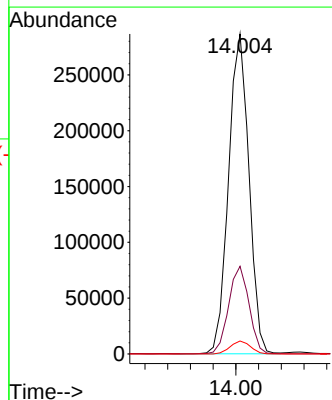
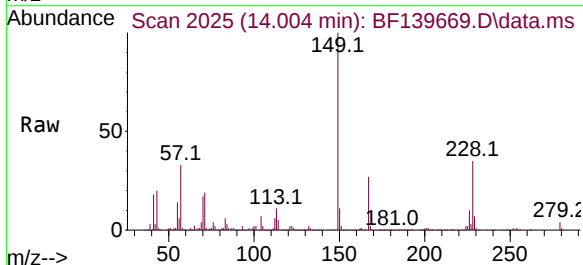
Instrument :
BNA_F
ClientSampleId :
TP-QMS

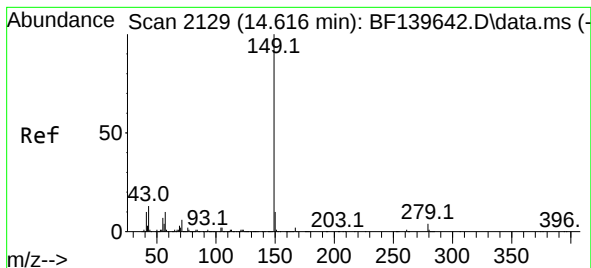
Tgt Ion:228 Resp: 466472
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.4 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.641 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:149 Resp: 356602
Ion Ratio Lower Upper
149 100
167 27.4 21.7 32.5
279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 59.821 ng

RT: 14.615 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

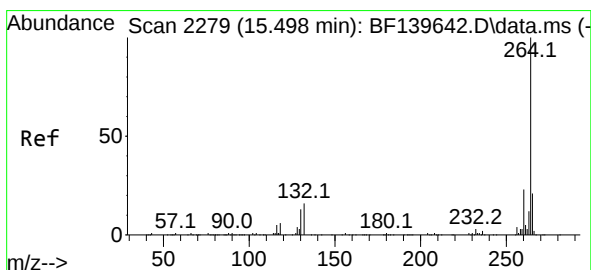
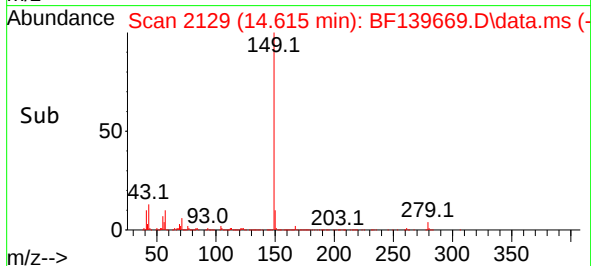
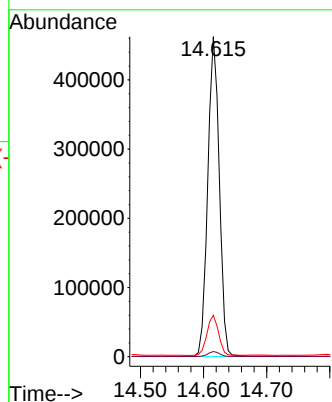
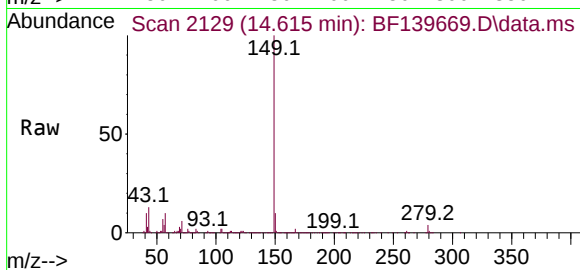
Tgt Ion:149 Resp: 584252

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.6 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

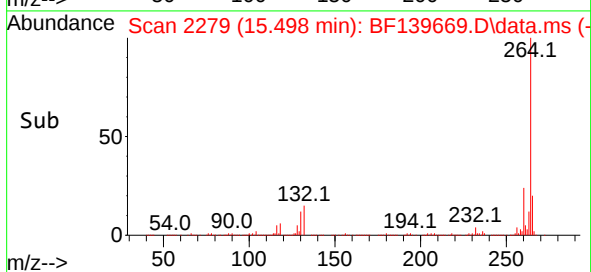
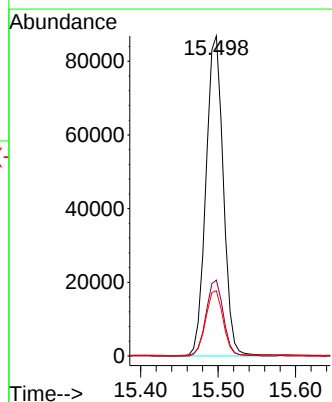
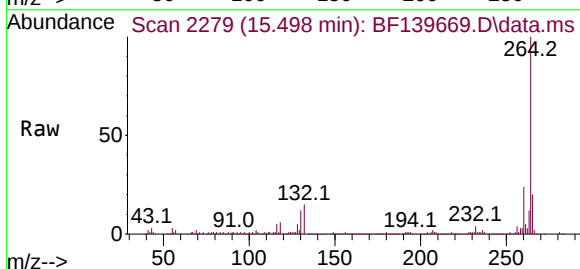
Tgt Ion:264 Resp: 135056

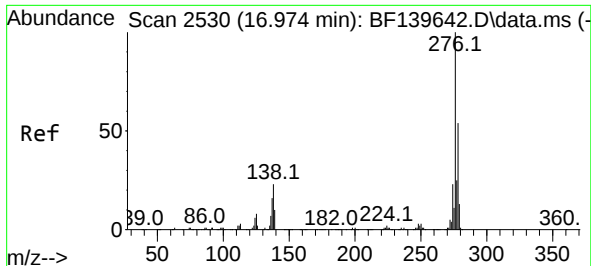
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 20.4 16.9 25.3

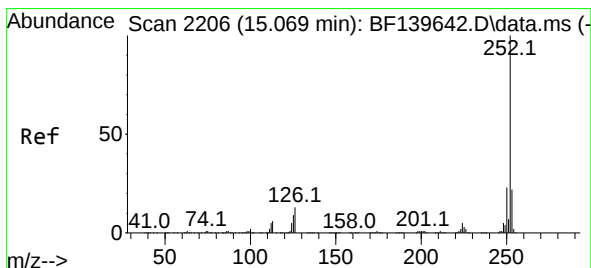
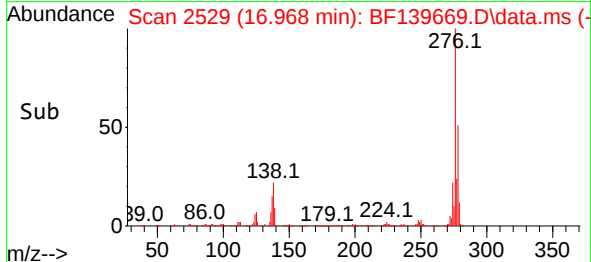
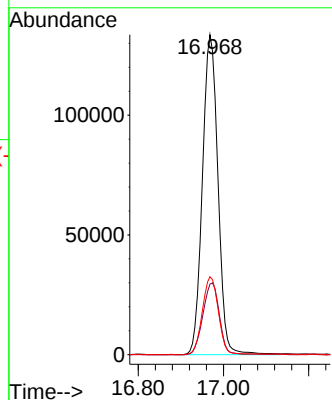
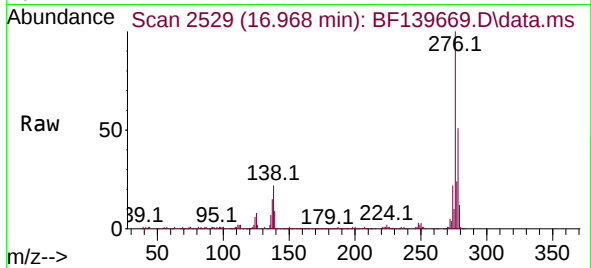




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.591 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

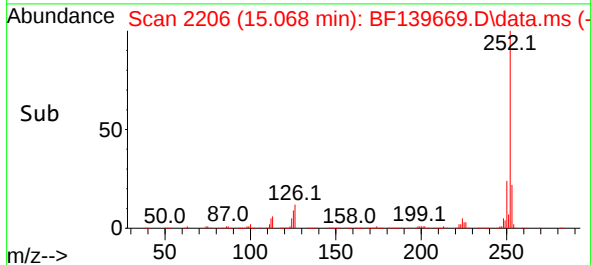
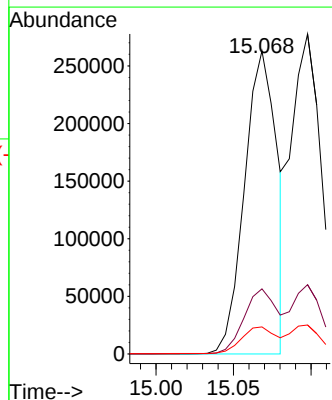
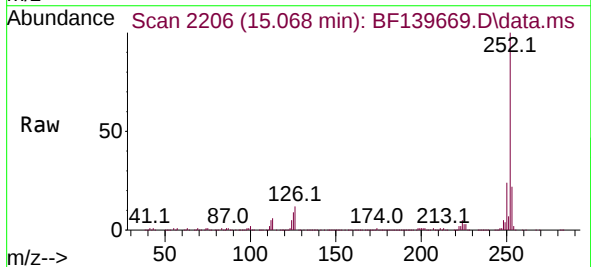
Instrument :
BNA_F
ClientSampleId :
TP-QMS

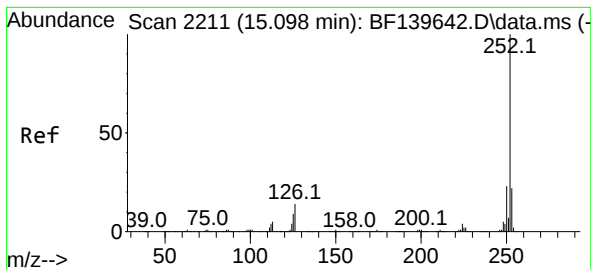
Tgt Ion:276 Resp: 338558
Ion Ratio Lower Upper
276 100
138 23.7 19.4 29.0
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 43.826 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139669.D
Acq: 04 Oct 2024 20:44

Tgt Ion:252 Resp: 382710
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.041 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

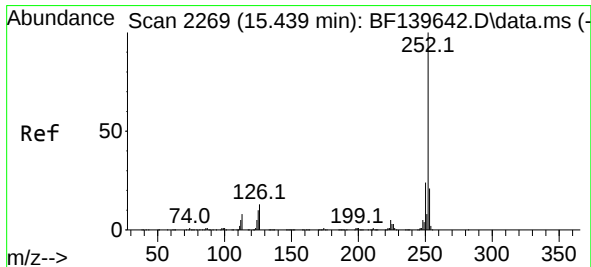
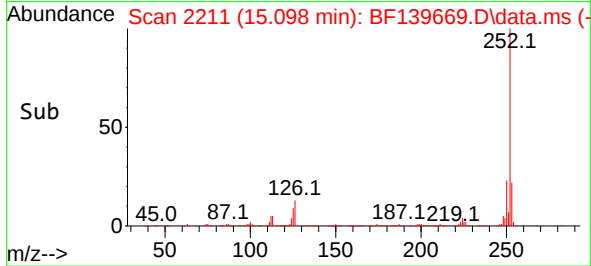
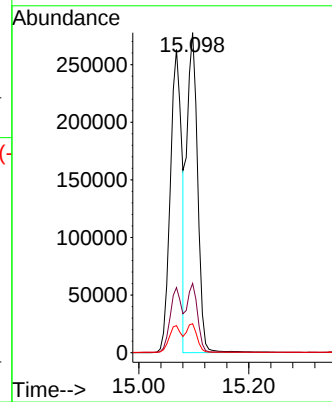
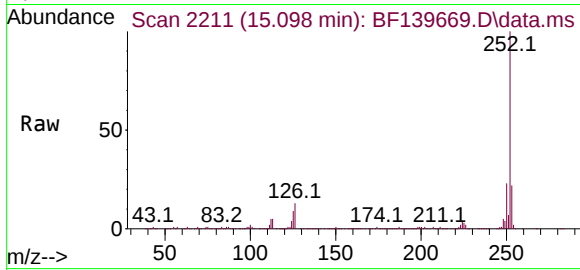
Tgt Ion:252 Resp: 378084

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.1 7.6 11.4



#90

Benzo(a)pyrene

Concen: 49.475 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

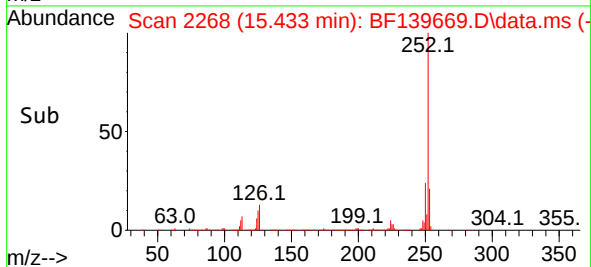
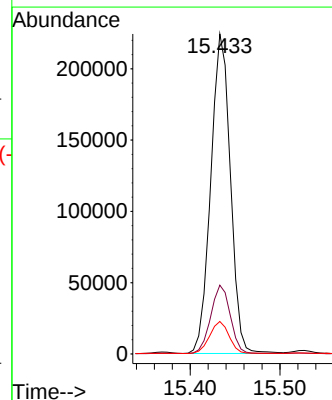
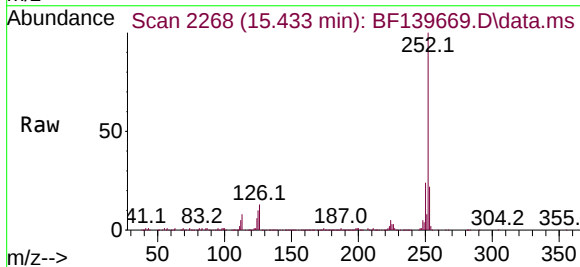
Tgt Ion:252 Resp: 340660

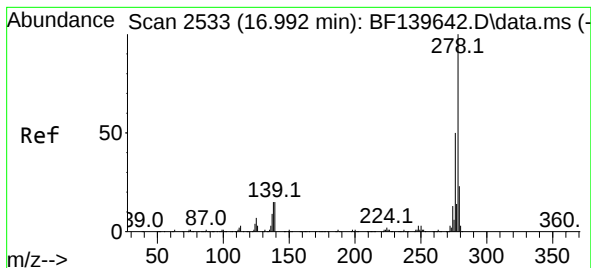
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.519 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Instrument :

BNA_F

ClientSampleId :

TP-QMS

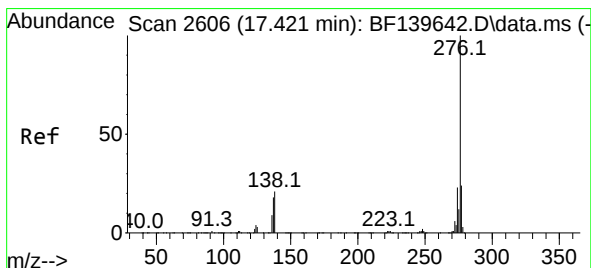
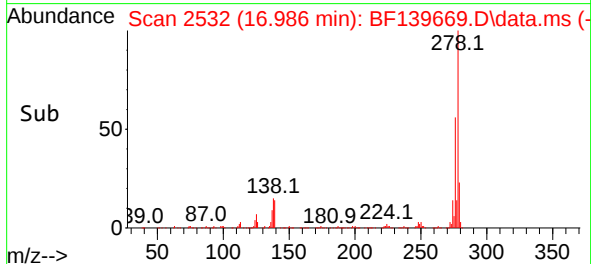
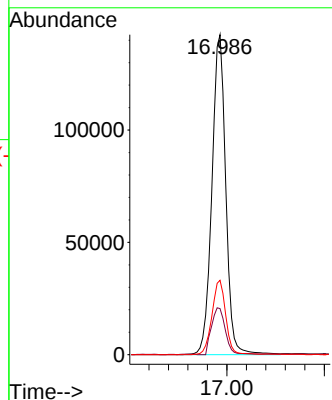
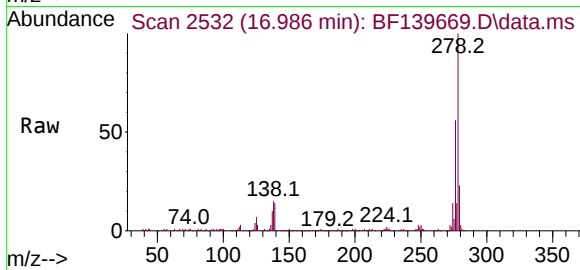
Tgt Ion:278 Resp: 280328

Ion Ratio Lower Upper

278 100

139 14.4 12.2 18.4

279 23.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 37.835 ng

RT: 17.409 min Scan# 2604

Delta R.T. -0.018 min

Lab File: BF139669.D

Acq: 04 Oct 2024 20:44

Tgt Ion:276 Resp: 250172

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 19.6 17.0 25.6

