

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142545.D
 Acq On : 23 May 2025 19:56
 Operator : RC/JU
 Sample : Q2109-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMS

Quant Time: May 23 22:54:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121008	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	428287	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	188037	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	266608	20.000	ng	0.00
76) Chrysene-d12	14.074	240	235229	20.000	ng	0.00
86) Perylene-d12	15.568	264	195239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	665876	92.708	ng	0.00
7) Phenol-d6	6.528	99	812591	93.984	ng	0.00
23) Nitrobenzene-d5	7.463	82	476891	60.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	175592	84.137	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	915009	65.296	ng	-0.01
79) Terphenyl-d14	13.010	244	734237	42.655	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	101747	35.401	ng	99
3) Pyridine	3.493	79	277066	37.855	ng	99
4) n-Nitrosodimethylamine	3.446	42	156759	41.250	ng	97
6) Aniline	6.563	93	335872	28.891	ng	99
8) 2-Chlorophenol	6.681	128	317167	40.541	ng	99
9) Benzaldehyde	6.445	77	190810	36.692	ng	98
10) Phenol	6.539	94	386957	39.775	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	287125	41.000	ng	99
12) 1,3-Dichlorobenzene	6.839	146	343486	39.347	ng	99
13) 1,4-Dichlorobenzene	6.916	146	344647	39.193	ng	99
14) 1,2-Dichlorobenzene	7.069	146	331159	39.357	ng	99
15) Benzyl Alcohol	7.039	79	255779	40.032	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	463601	39.420	ng	97
17) 2-Methylphenol	7.151	107	241212	39.491	ng	99
18) Hexachloroethane	7.410	117	118111	38.466	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	209432	39.085	ng	99
20) 3+4-Methylphenols	7.304	107	301270	38.517	ng	95
22) Acetophenone	7.310	105	402436	42.447	ng	99
24) Nitrobenzene	7.481	77	304215	42.945	ng	98
25) Isophorone	7.722	82	545975	41.576	ng	98
26) 2-Nitrophenol	7.798	139	168593	44.540	ng	97
27) 2,4-Dimethylphenol	7.833	122	285535	42.776	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	345861	42.162	ng	100
29) 2,4-Dichlorophenol	8.039	162	249812	41.151	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	275235	41.777	ng	97
31) Naphthalene	8.204	128	932291	44.208	ng	100
32) Benzoic acid	7.945	122	178065	43.822	ng	97
33) 4-Chloroaniline	8.251	127	85846	10.046	ng	99
34) Hexachlorobutadiene	8.322	225	170111	41.353	ng	99
35) Caprolactam	8.622	113	76090	44.629	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	236580	38.027	ng	97
37) 2-Methylnaphthalene	8.892	142	540342	40.727	ng	100
38) 1-Methylnaphthalene	8.992	142	570321	41.558	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	257697	47.742	ng	99
41) Hexachlorocyclopentadiene	9.051	237	247856	68.069	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	168084	46.180	ng	99

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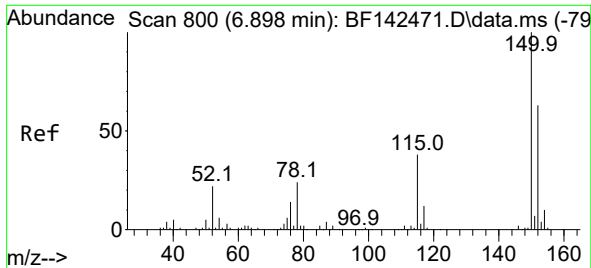
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	164751	42.919	ng	99
46) 1,1'-Biphenyl	9.357	154	689106	47.237	ng	99
47) 2-Chloronaphthalene	9.386	162	489047	45.373	ng	98
48) 2-Nitroaniline	9.480	65	139985	44.933	ng	96
49) Acenaphthylene	9.804	152	801325	44.029	ng	100
50) Dimethylphthalate	9.657	163	586168	47.244	ng	100
51) 2,6-Dinitrotoluene	9.722	165	119197	44.512	ng	97
52) Acenaphthene	9.975	154	525483	47.284	ng	99
53) 3-Nitroaniline	9.886	138	78388	26.800	ng	100
54) 2,4-Dinitrophenol	9.992	184	92078	66.554	ng	89
55) Dibenzofuran	10.145	168	699345	43.730	ng	99
56) 4-Nitrophenol	10.045	139	175867	81.490	ng	98
57) 2,4-Dinitrotoluene	10.122	165	149828	42.842	ng	98
58) Fluorene	10.486	166	561028	45.409	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	128736	40.172	ng	92
60) Diethylphthalate	10.357	149	530518	43.781	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	243745	40.161	ng	97
62) 4-Nitroaniline	10.498	138	102642	38.693	ng	98
63) Azobenzene	10.639	77	471476	43.319	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	58943	39.616	ng	96
66) n-Nitrosodiphenylamine	10.598	169	419390	45.980	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	139182	44.150	ng	99
68) Hexachlorobenzene	11.033	284	145556	41.746	ng	98
69) Atrazine	11.121	200	126115	52.063	ng	100
70) Pentachlorophenol	11.227	266	176299	89.559	ng	99
71) Phenanthrene	11.451	178	896834	62.944	ng	100
72) Anthracene	11.504	178	687330	47.268	ng	99
73) Carbazole	11.657	167	604211	48.604	ng	100
74) Di-n-butylphthalate	11.986	149	670523	49.277	ng	100
75) Fluoranthene	12.645	202	961217	72.199	ng	99
77) Benzidine	12.763	184	335658	38.345	ng	100
78) Pyrene	12.874	202	965034	43.978	ng	99
80) Butylbenzylphthalate	13.486	149	301694	49.757	ng	99
81) Benzo(a)anthracene	14.062	228	814334	51.844	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	131357	27.572	ng	100
83) Chrysene	14.098	228	714989	50.658	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	423721	54.589	ng	98
85) Di-n-octyl phthalate	14.662	149	735008	48.429	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	502492	34.283	ng	99
88) Benzo(b)fluoranthene	15.127	252	727300	62.942	ng	97
89) Benzo(k)fluoranthene	15.157	252	505899	46.744	ng	96
90) Benzo(a)pyrene	15.504	252	568945	52.236	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	391842	32.962	ng	99
92) Benzo(g,h,i)perylene	17.533	276	397853	33.460	ng	98

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

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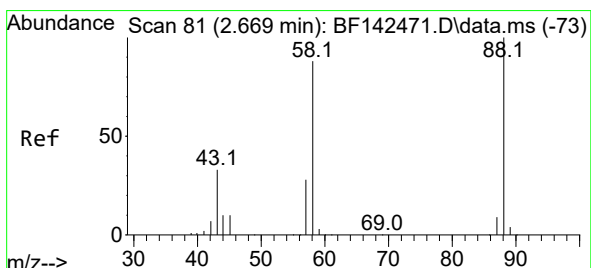
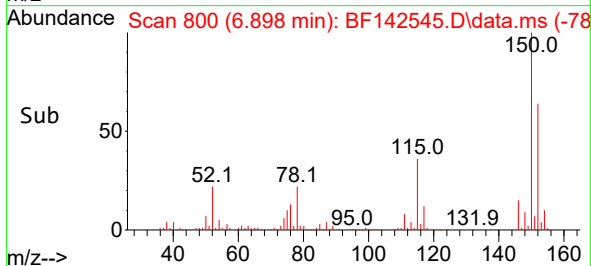
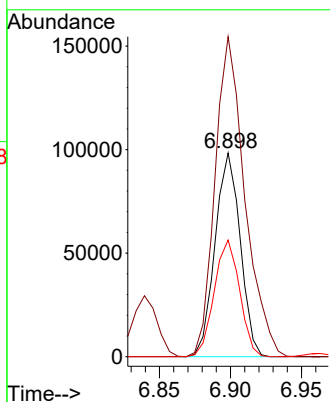
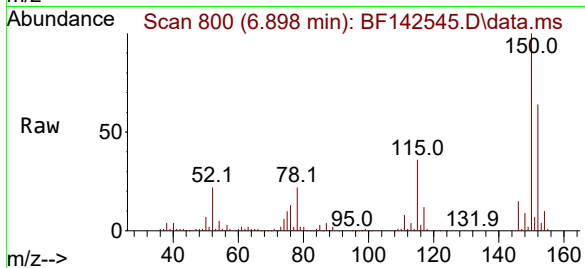




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

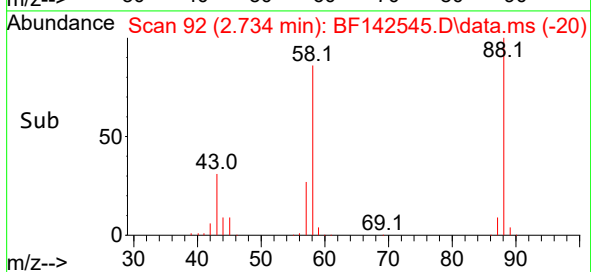
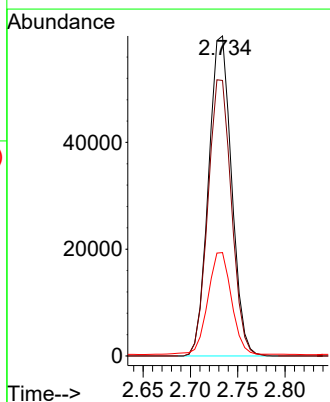
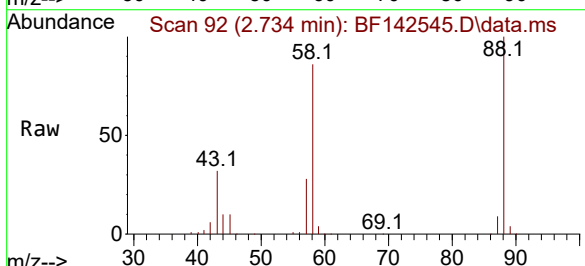
Instrument :
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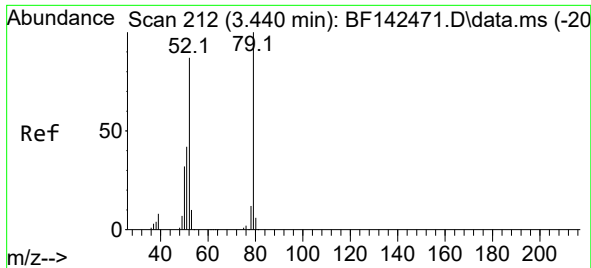
Tgt Ion:152 Resp: 121008
 Ion Ratio Lower Upper
 152 100
 150 157.1 128.2 192.4
 115 57.3 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.401 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.071 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

Tgt Ion: 88 Resp: 101747
 Ion Ratio Lower Upper
 88 100
 58 87.8 70.8 106.2
 43 33.0 26.6 40.0





#3

Pyridine

Concen: 37.855 ng

RT: 3.493 min Scan# 212

Delta R.T. 0.053 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

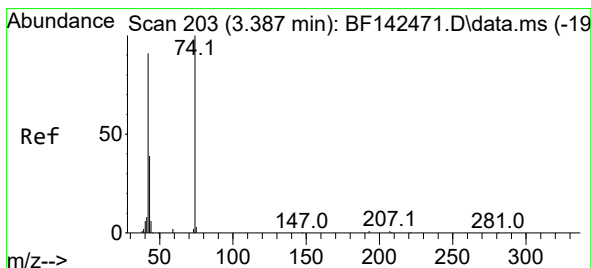
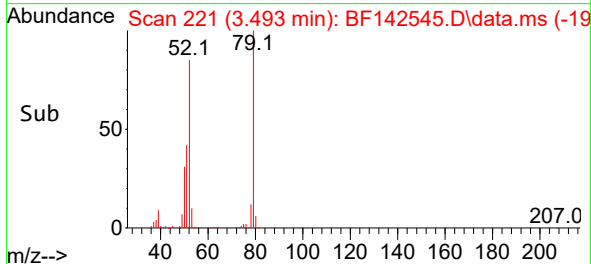
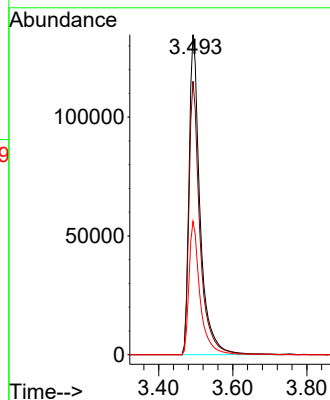
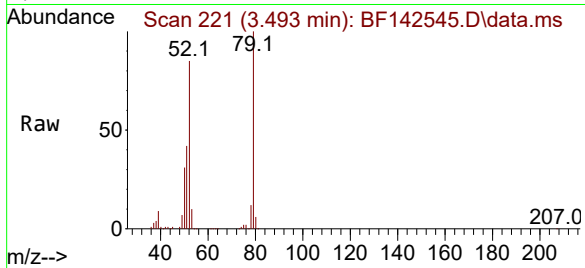
Tgt Ion: 79 Resp: 277066

Ion Ratio Lower Upper

79 100

52 85.5 69.2 103.8

51 41.6 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 41.250 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.041 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

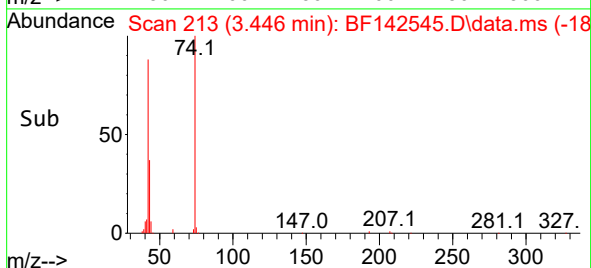
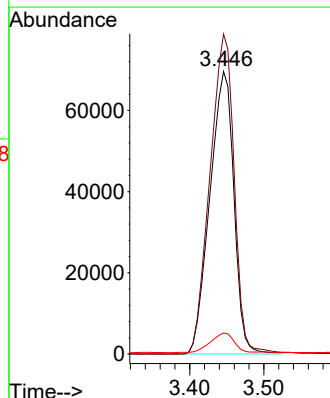
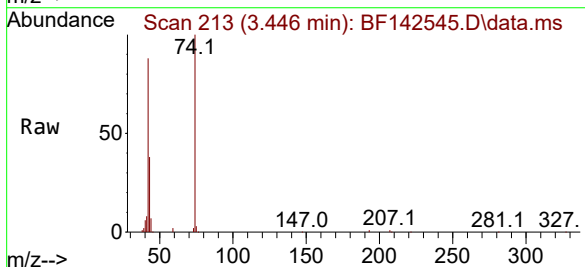
Tgt Ion: 42 Resp: 156759

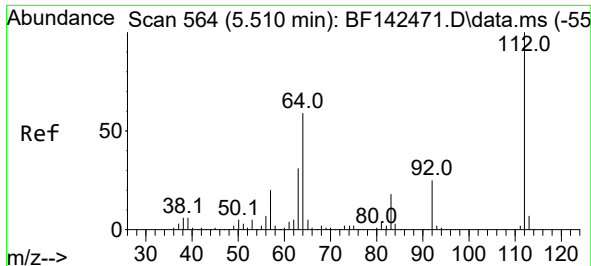
Ion Ratio Lower Upper

42 100

74 113.2 88.2 132.4

44 7.4 5.4 8.2

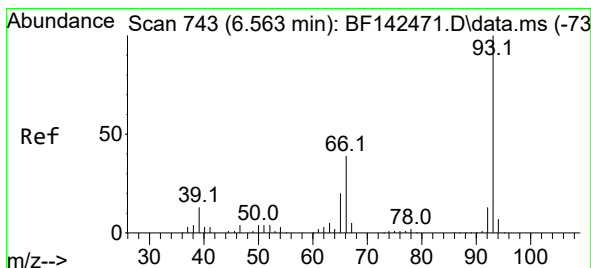
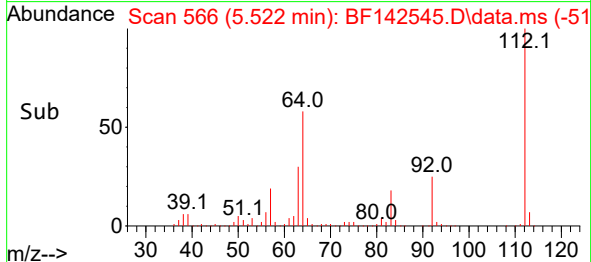
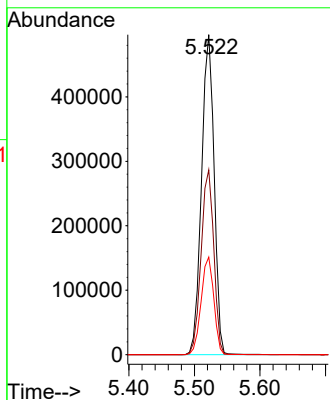
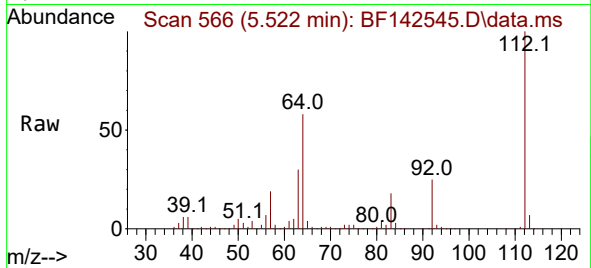




#5
2-Fluorophenol
Concen: 92.708 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

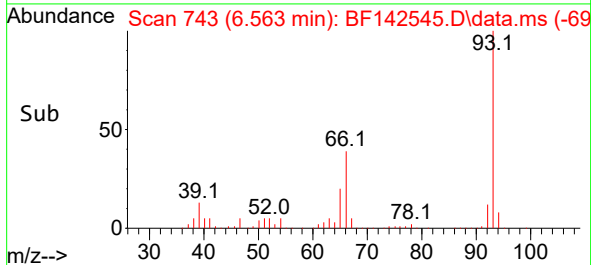
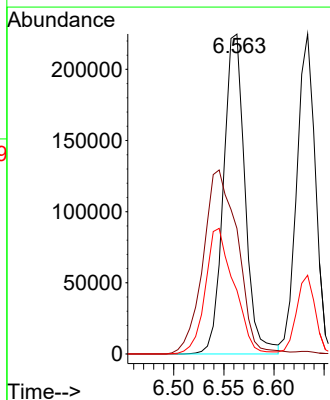
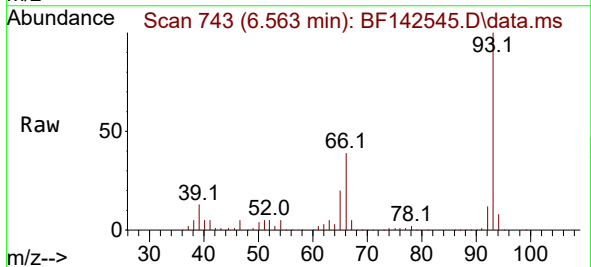
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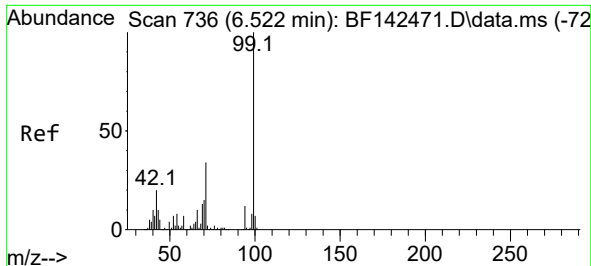
Tgt Ion:112 Resp: 665876
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.5 24.9 37.3



#6
Aniline
Concen: 28.891 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion: 93 Resp: 335872
Ion Ratio Lower Upper
93 100
66 39.3 32.0 48.0
65 19.9 16.1 24.1

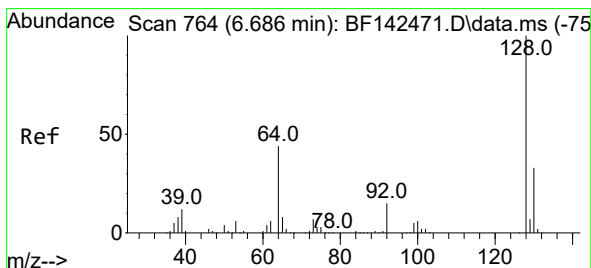
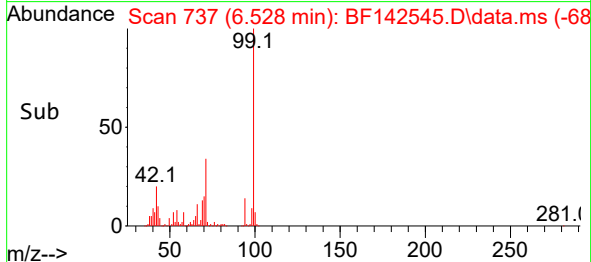
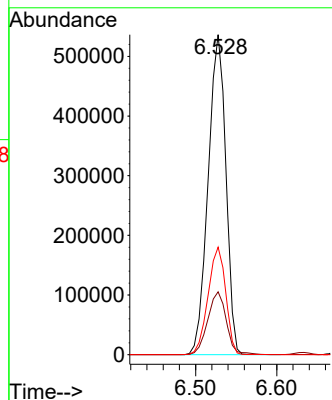
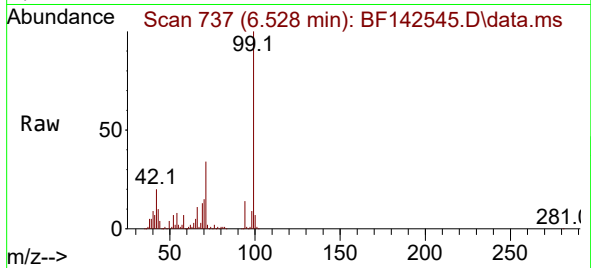




#7
Phenol-d6
Concen: 93.984 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

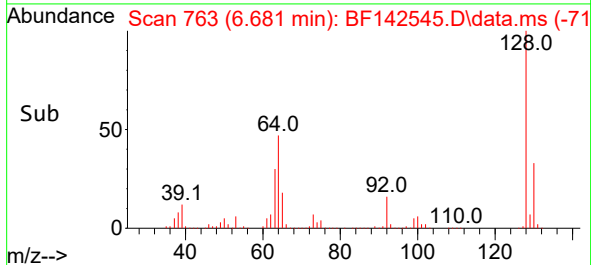
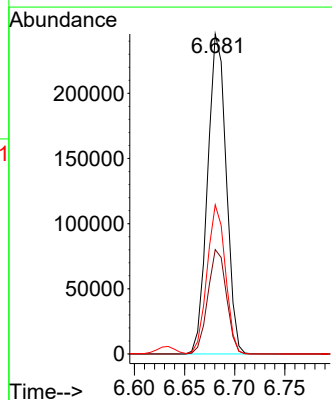
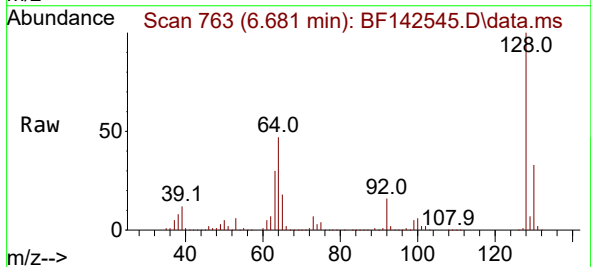
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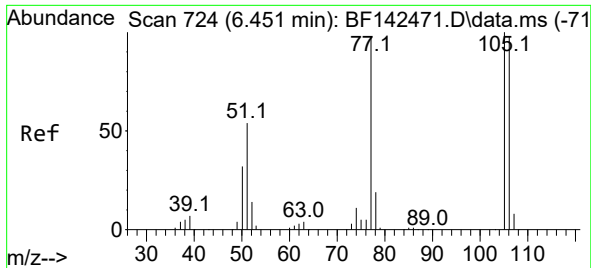
Tgt Ion: 99 Resp: 812591
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.6 27.3 40.9



#8
2-Chlorophenol
Concen: 40.541 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion: 128 Resp: 317167
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 46.6 25.1 65.1





#9

Benzaldehyde

Concen: 36.692 ng

RT: 6.445 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

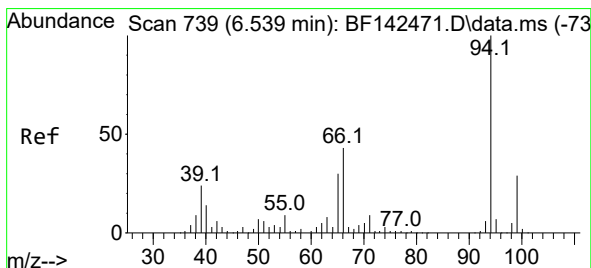
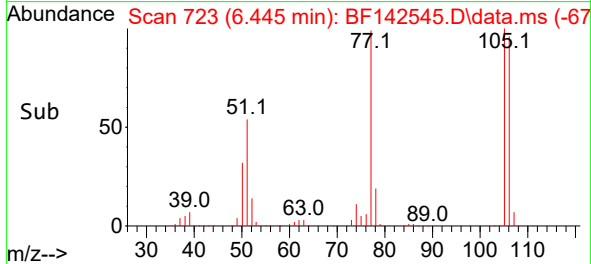
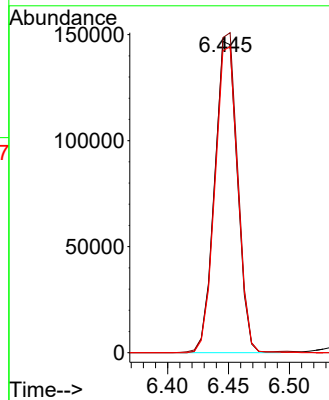
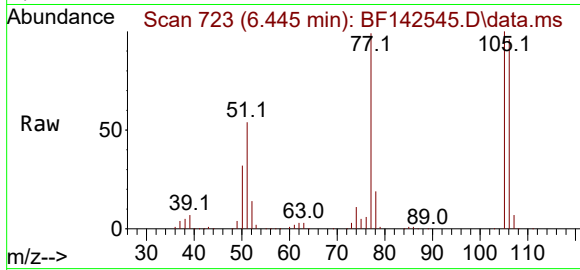
Tgt Ion: 77 Resp: 190810

Ion Ratio Lower Upper

77 100

105 101.2 82.5 122.5

106 97.0 80.0 120.0



#10

Phenol

Concen: 39.775 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

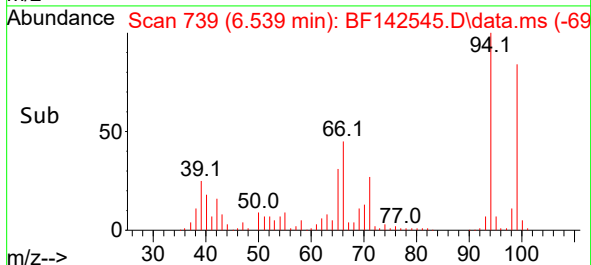
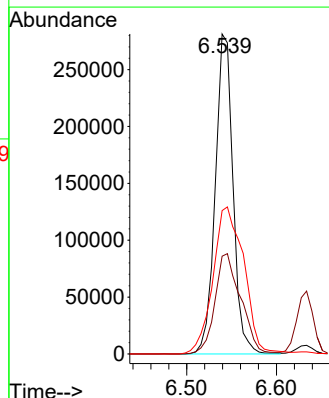
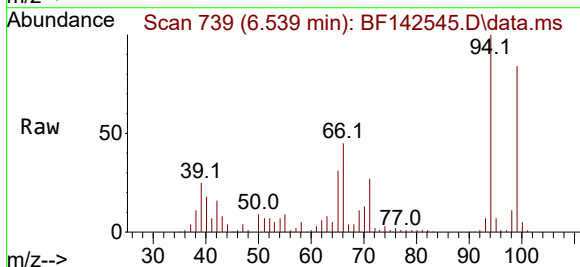
Tgt Ion: 94 Resp: 386957

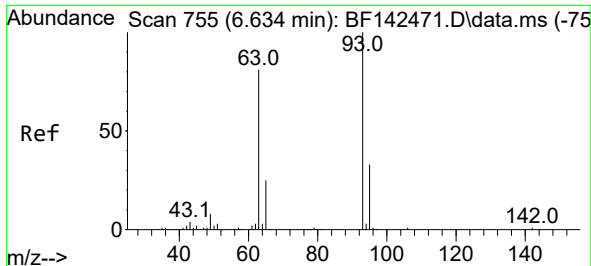
Ion Ratio Lower Upper

94 100

65 30.6 10.3 50.3

66 44.8 22.6 62.6

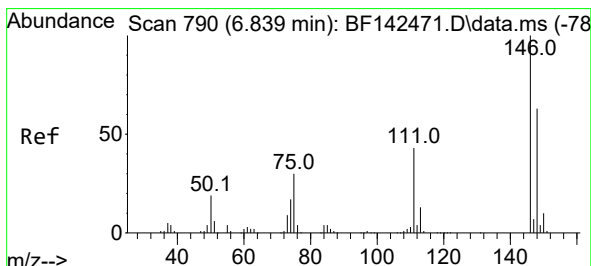
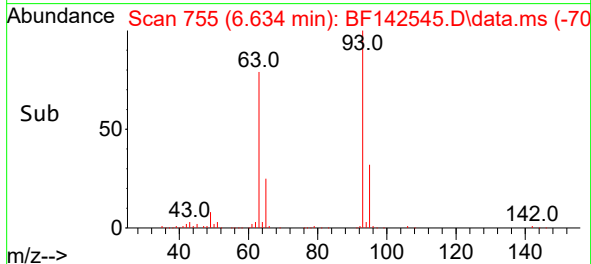
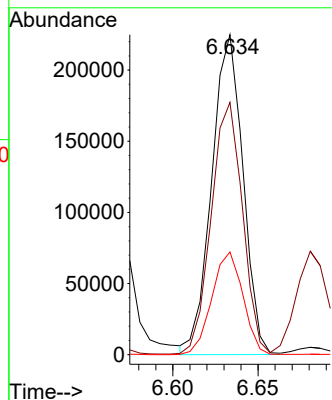
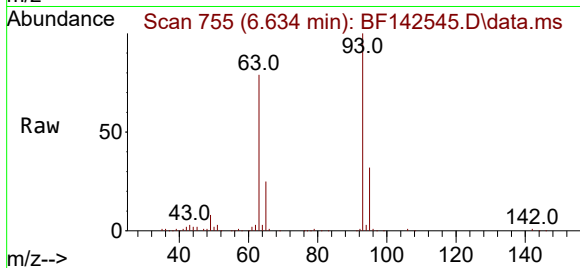




#11
bis(2-Chloroethyl)ether
Concen: 41.000 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

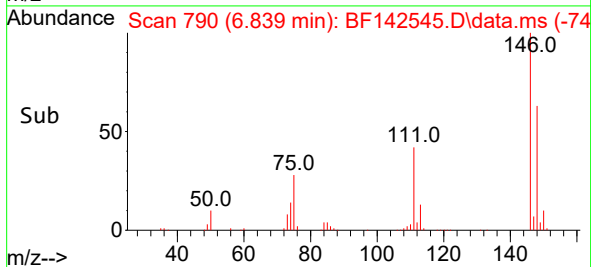
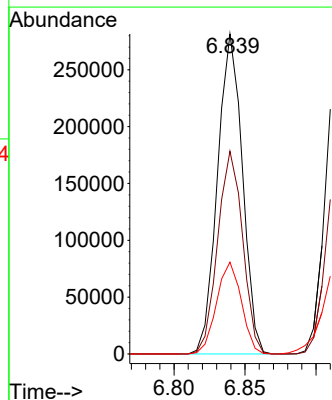
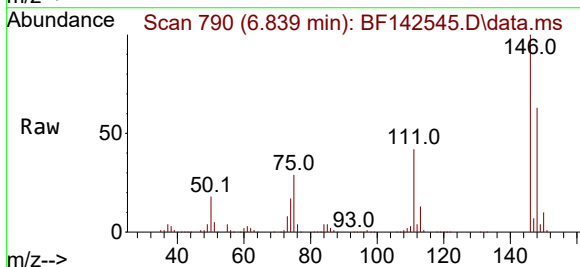
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

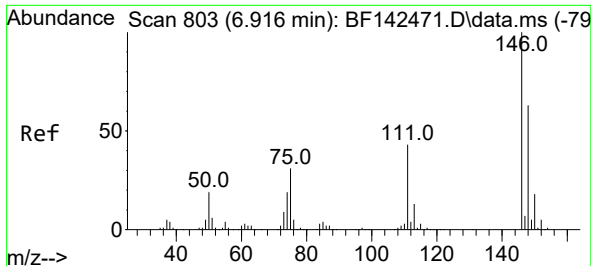
Tgt Ion: 93 Resp: 287125
Ion Ratio Lower Upper
93 100
63 78.8 60.2 100.2
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.347 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:146 Resp: 343486
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
75 28.7 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 39.193 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

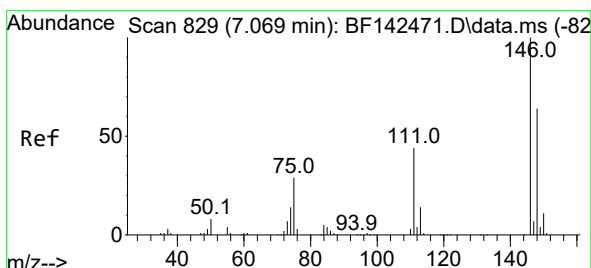
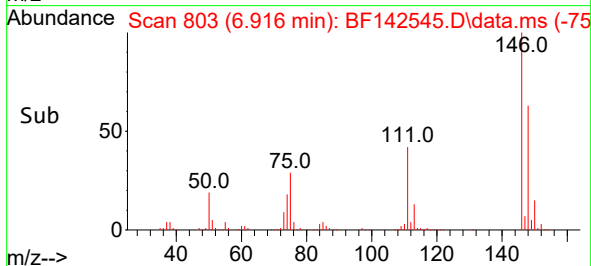
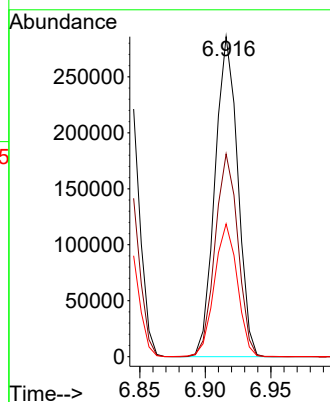
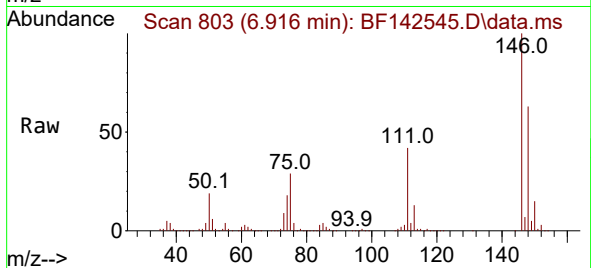
Tgt Ion:146 Resp: 344647

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

111 41.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 39.357 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

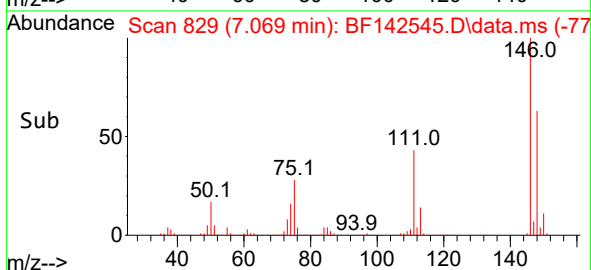
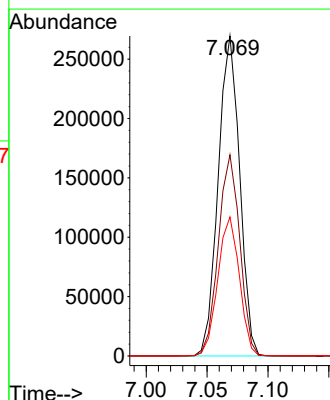
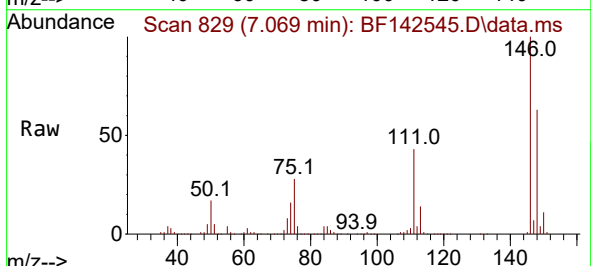
Tgt Ion:146 Resp: 331159

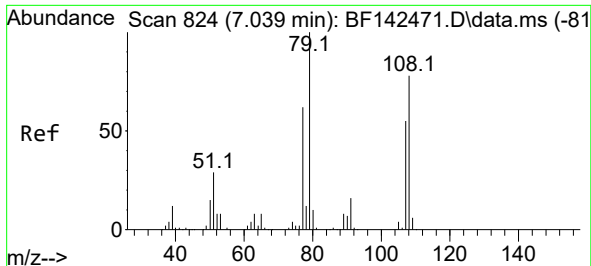
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

111 43.4 35.0 52.6

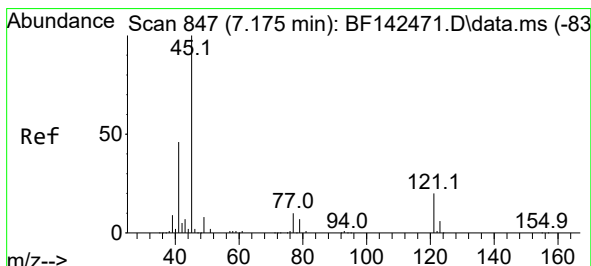
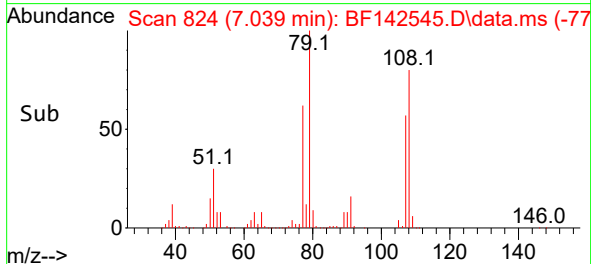
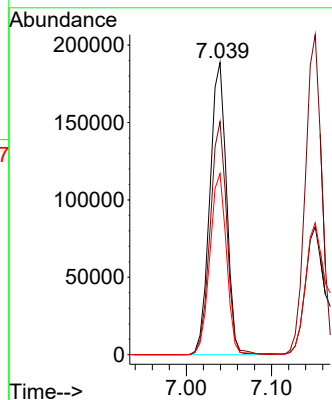
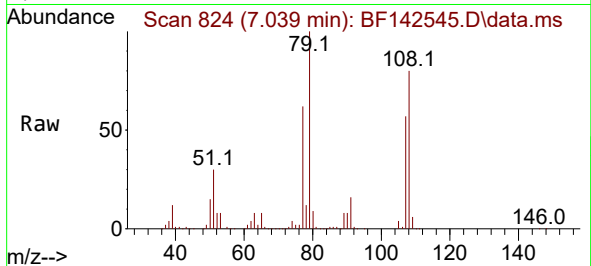




#15
Benzyl Alcohol
Concen: 40.032 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

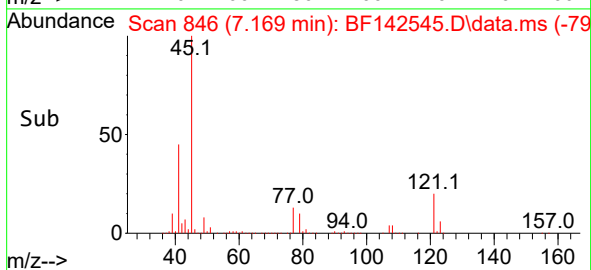
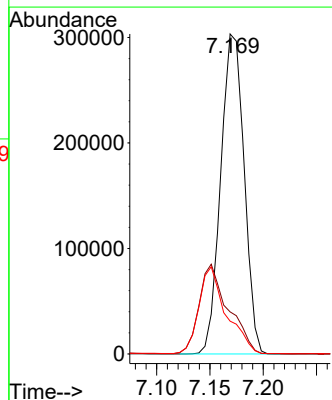
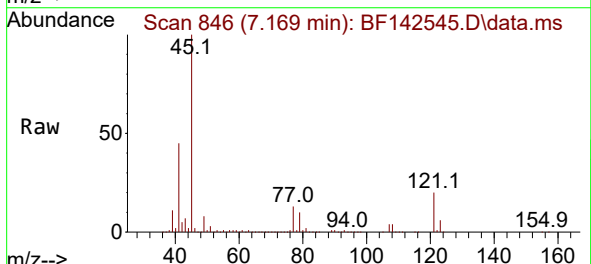
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

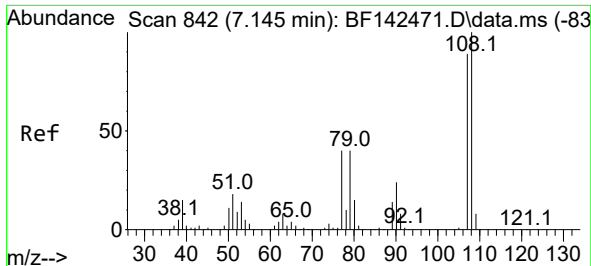
Tgt Ion: 79 Resp: 255779
Ion Ratio Lower Upper
79 100
108 79.8 62.1 93.1
77 62.0 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.420 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion: 45 Resp: 463601
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.0
79 10.3 0.0 29.2

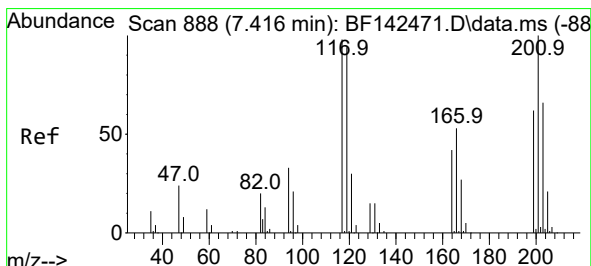
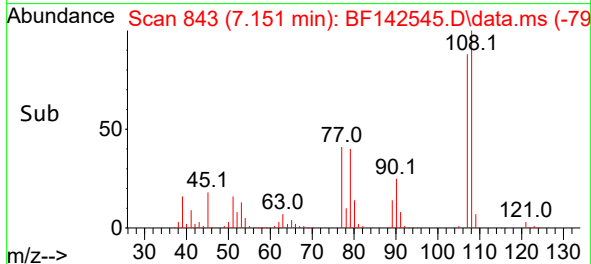
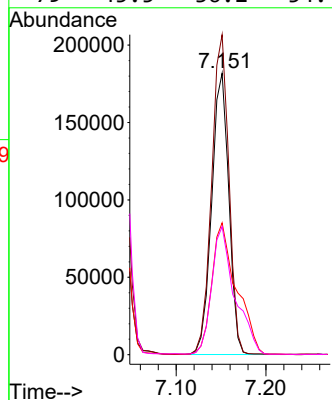
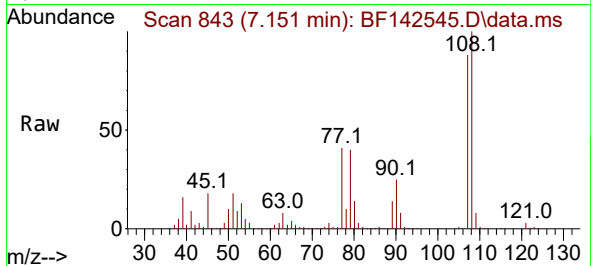




#17
2-Methylphenol
Concen: 39.491 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

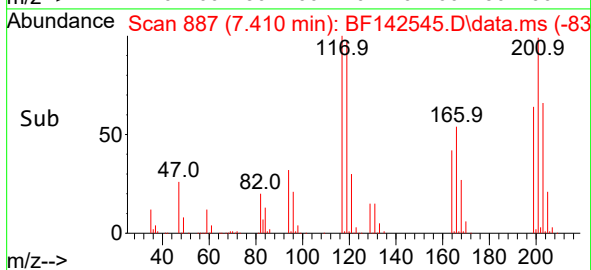
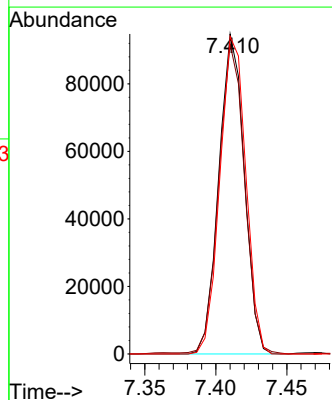
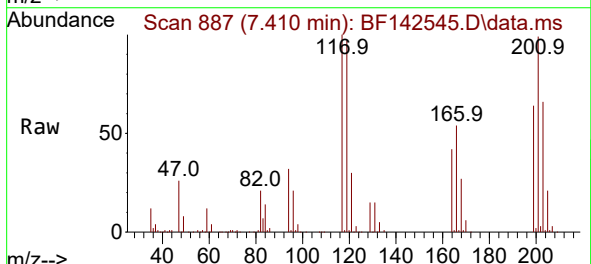
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

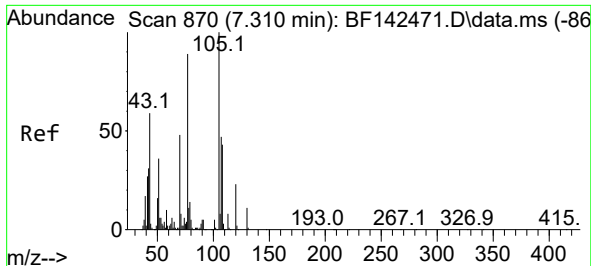
Tgt Ion:	107	Resp:	241212
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.2	135.2
77	46.8	36.1	54.1
79	45.5	36.2	54.4



#18
Hexachloroethane
Concen: 38.466 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:	117	Resp:	118111
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	114.8
201	99.2	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.085 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

Tgt Ion: 70 Resp: 209432

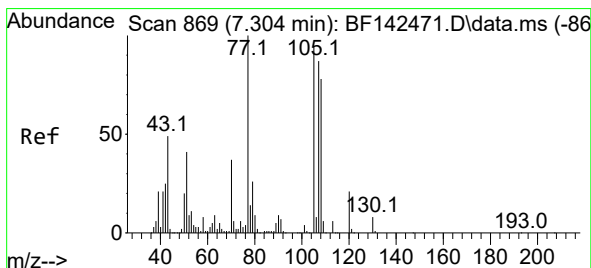
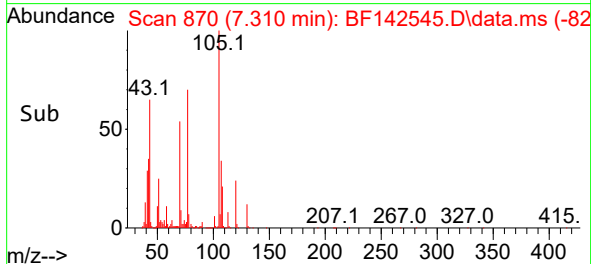
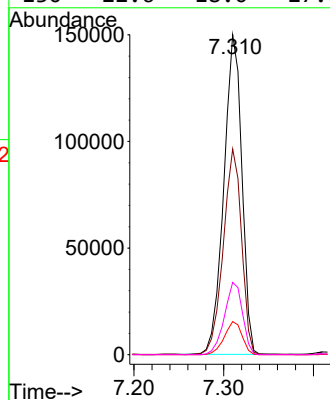
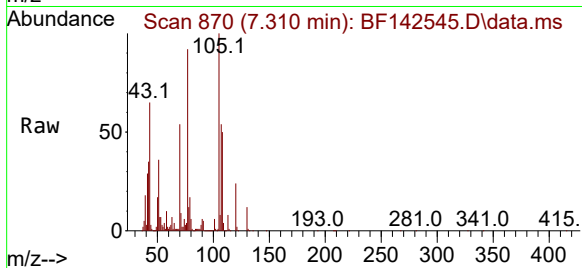
Ion Ratio Lower Upper

70 100

42 64.3 52.4 78.6

101 10.3 7.8 11.8

130 22.6 18.0 27.0



#20

3+4-Methylphenols

Concen: 38.517 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Tgt Ion: 107 Resp: 301270

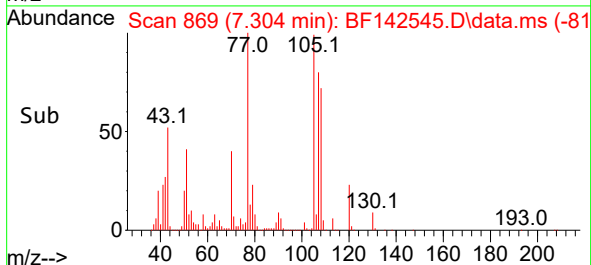
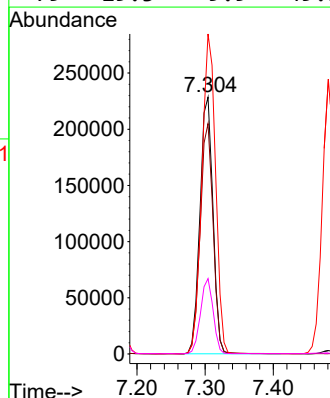
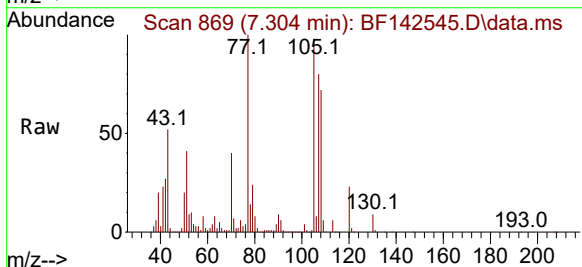
Ion Ratio Lower Upper

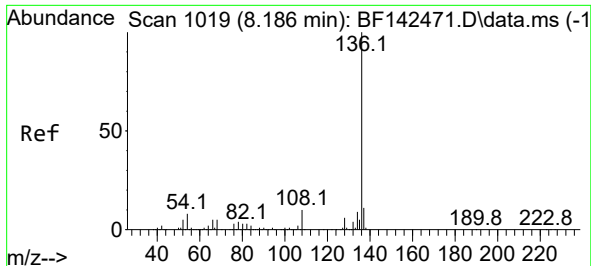
107 100

108 89.7 70.4 110.4

77 124.6 95.4 135.4

79 29.3 9.9 49.9

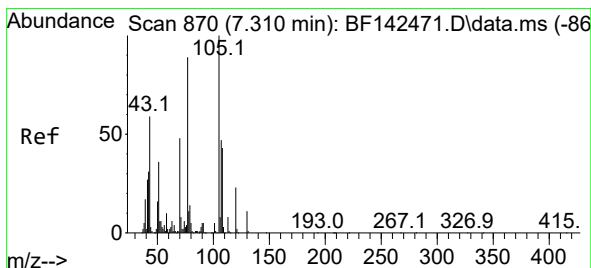
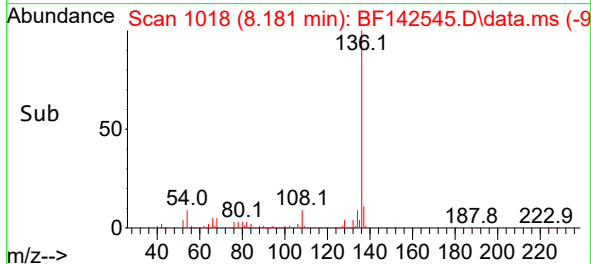
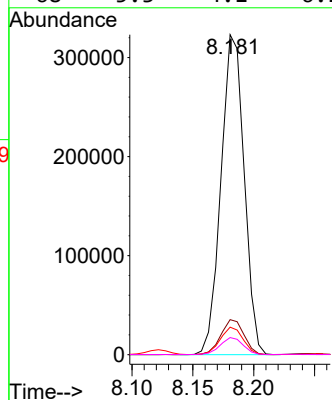
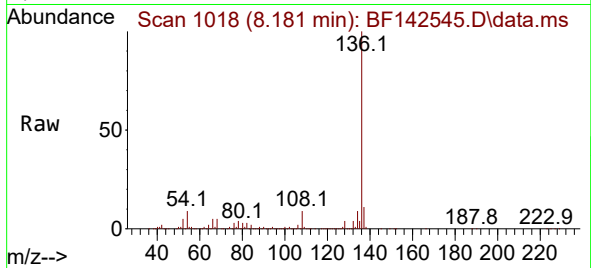




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

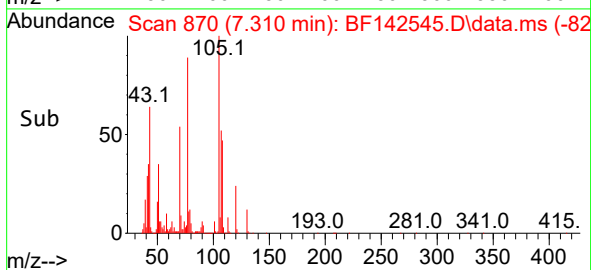
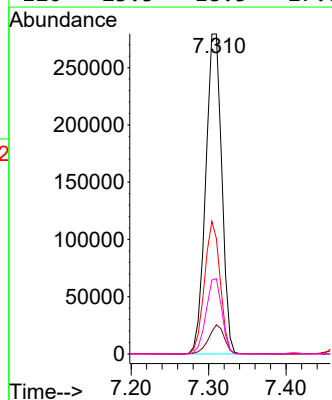
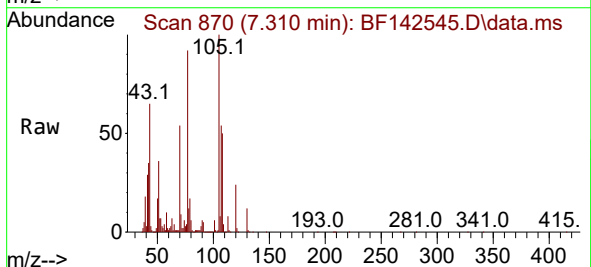
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

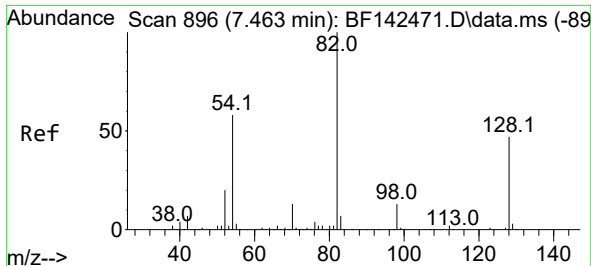
Tgt Ion:136 Resp: 428287
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 42.447 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:105 Resp: 402436
Ion Ratio Lower Upper
105 100
71 9.1 6.4 9.6
51 36.1 28.6 42.8
120 23.5 18.5 27.7





#23

Nitrobenzene-d5

Concen: 60.717 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

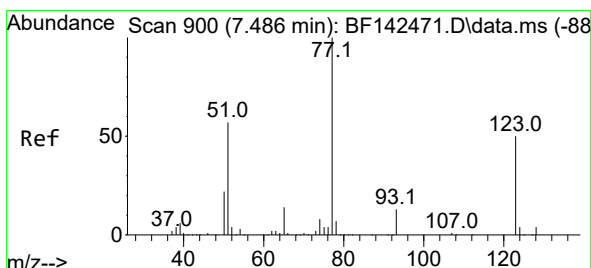
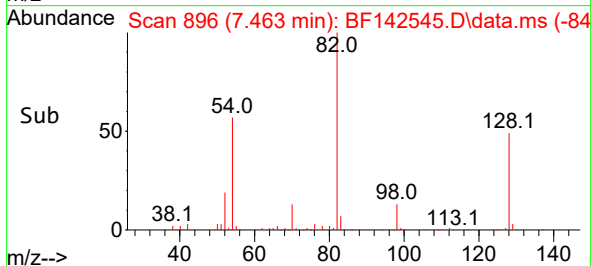
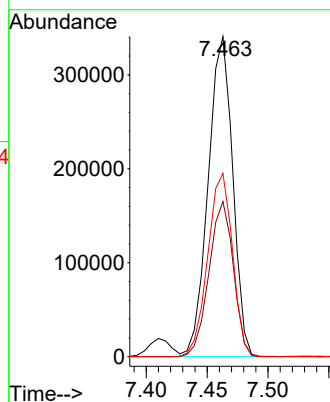
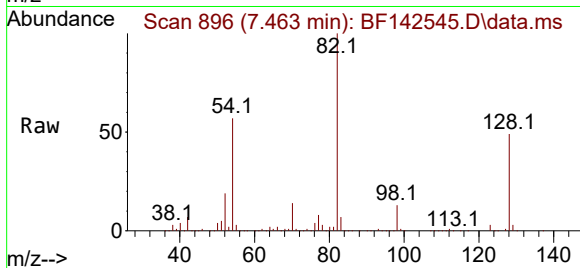
Tgt Ion: 82 Resp: 476891

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.2

54 57.3 46.6 70.0



#24

Nitrobenzene

Concen: 42.945 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

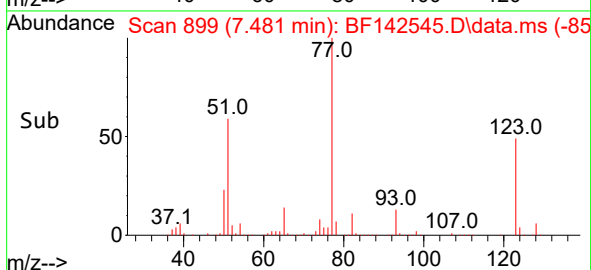
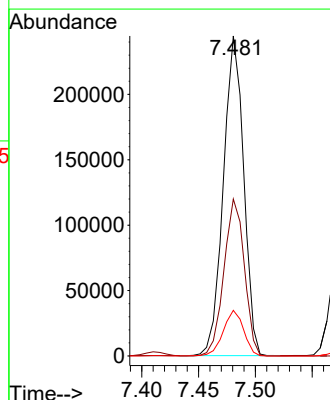
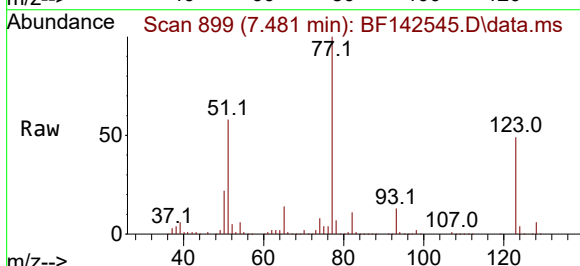
Tgt Ion: 77 Resp: 304215

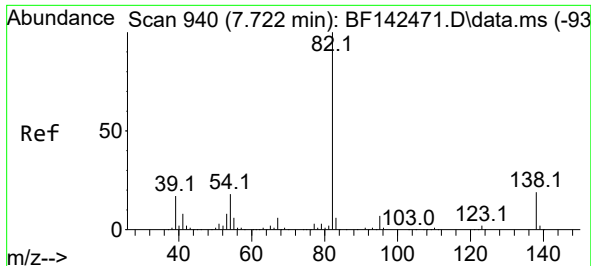
Ion Ratio Lower Upper

77 100

123 49.0 40.6 61.0

65 14.2 11.4 17.2

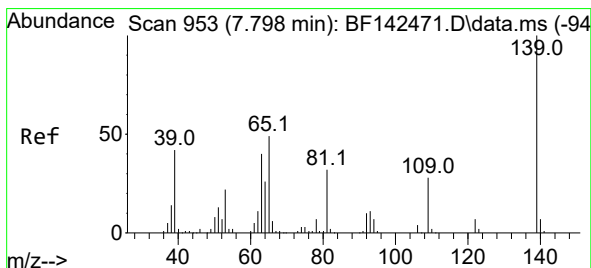
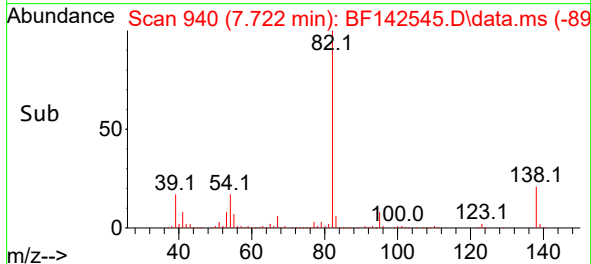
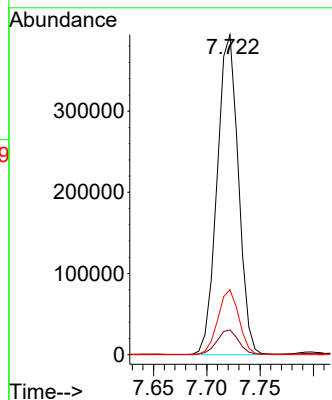
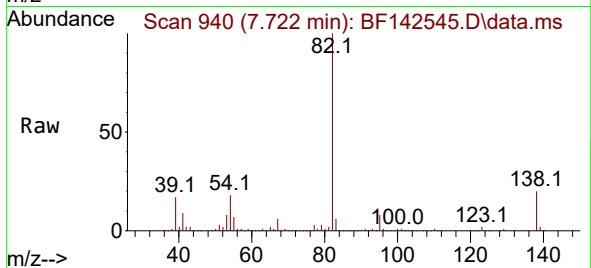




#25
Isophorone
Concen: 41.576 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

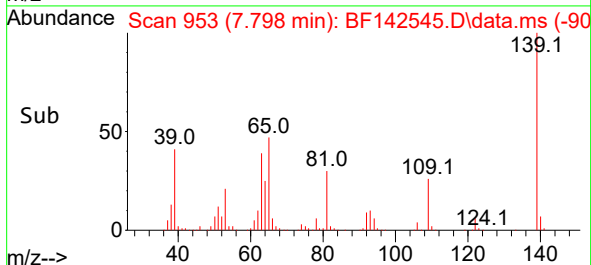
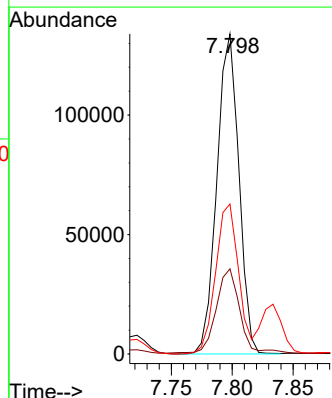
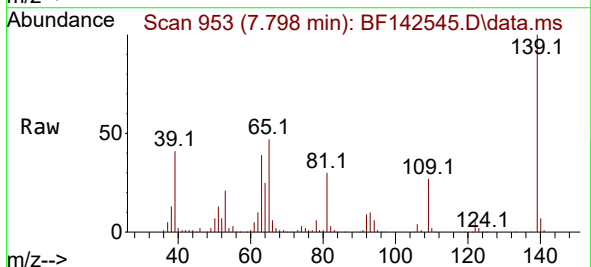
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

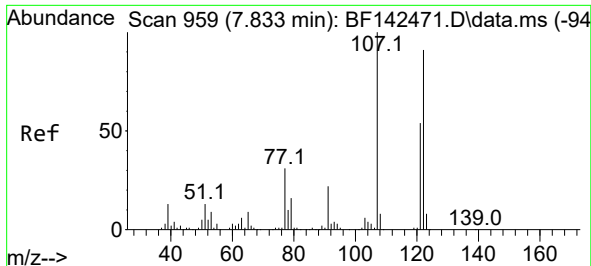
Tgt Ion: 82 Resp: 545975
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 20.3 15.5 23.3



#26
2-Nitrophenol
Concen: 44.540 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:139 Resp: 168593
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 46.8 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.776 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

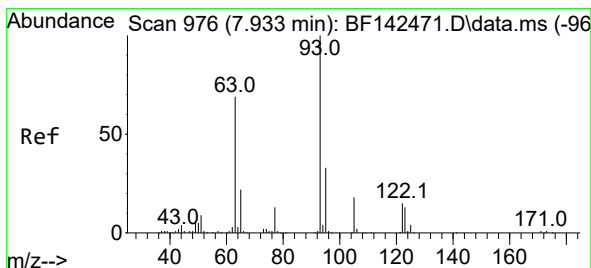
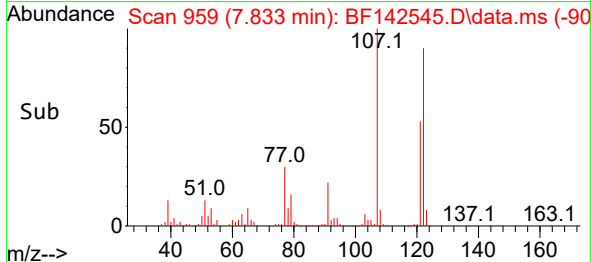
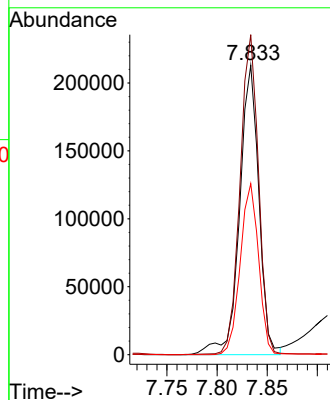
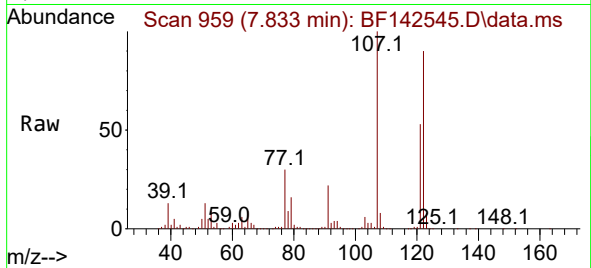
Tgt Ion:122 Resp: 285535

Ion Ratio Lower Upper

122 100

107 110.6 88.1 132.1

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.162 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

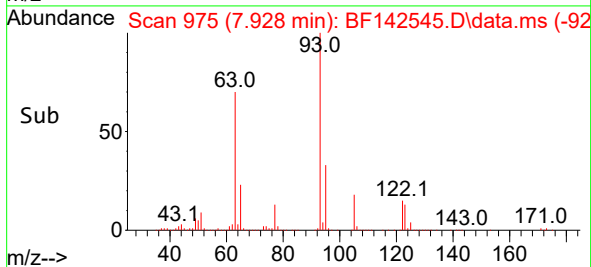
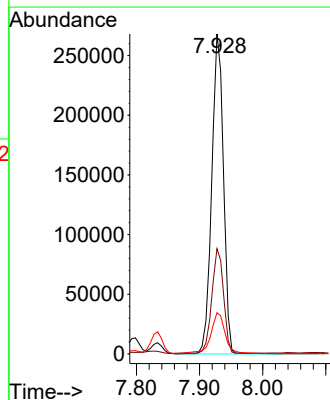
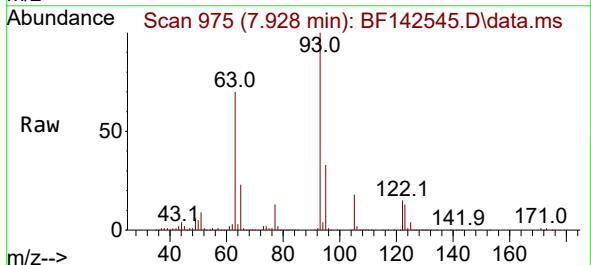
Tgt Ion: 93 Resp: 345861

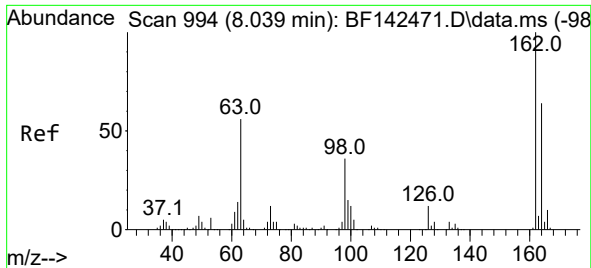
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.151 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

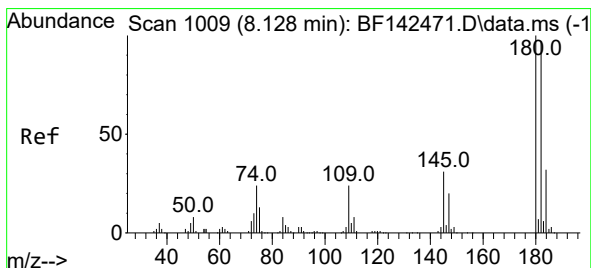
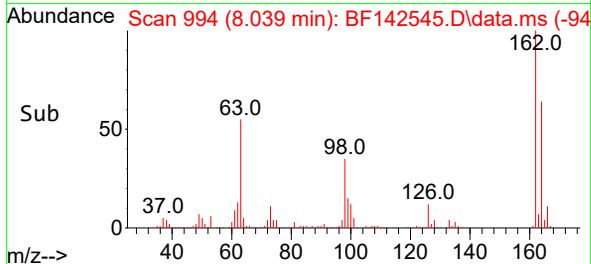
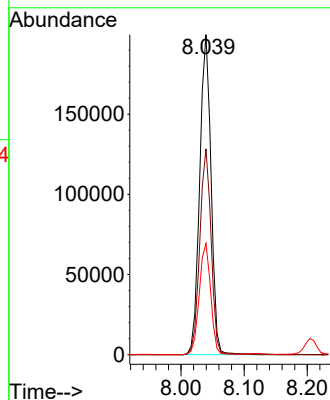
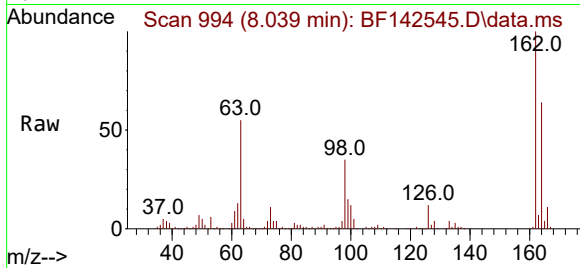
Tgt Ion:162 Resp: 249812

Ion Ratio Lower Upper

162 100

164 64.3 43.7 83.7

98 34.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.777 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

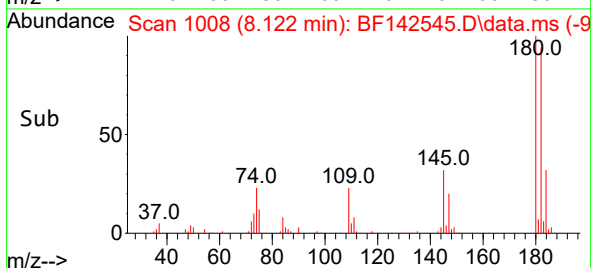
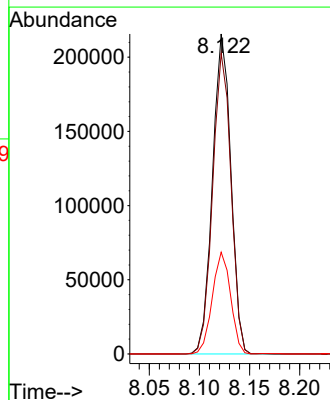
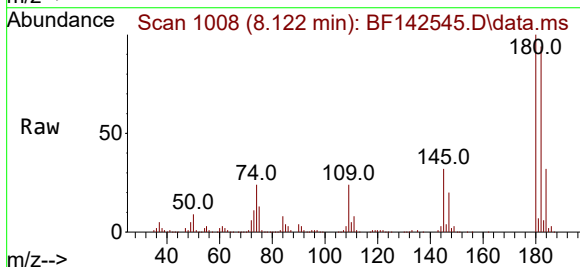
Tgt Ion:180 Resp: 275235

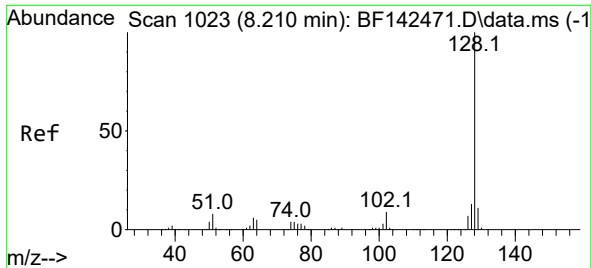
Ion Ratio Lower Upper

180 100

182 93.9 78.0 117.0

145 31.8 25.0 37.6

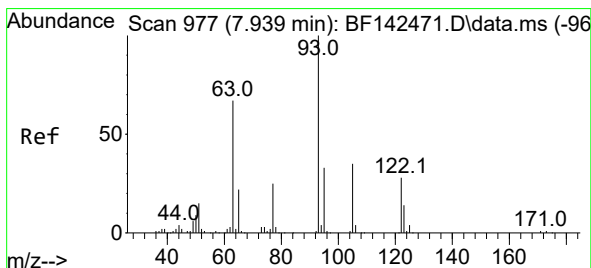
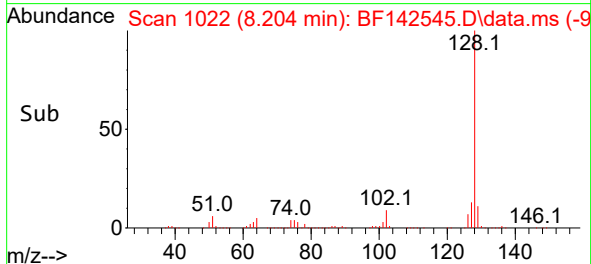
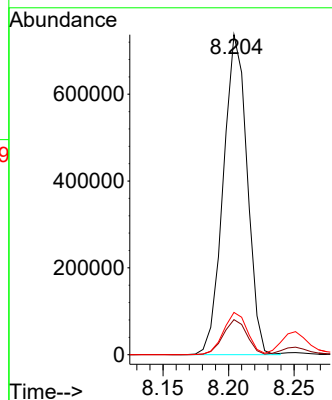
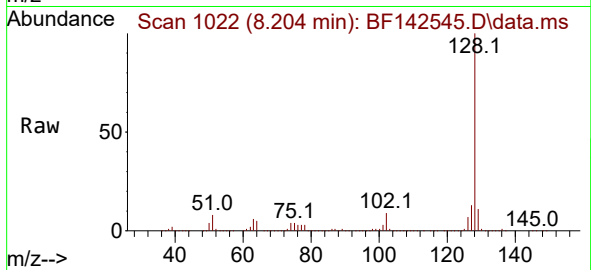




#31
Naphthalene
Concen: 44.208 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

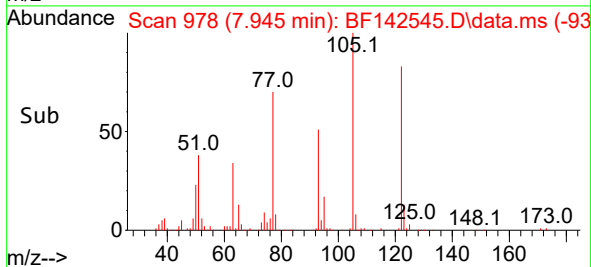
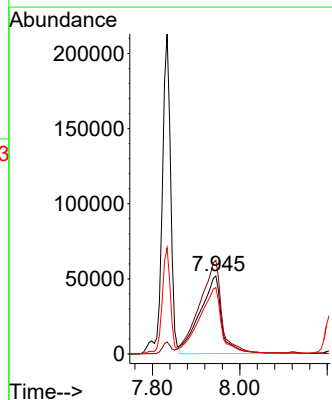
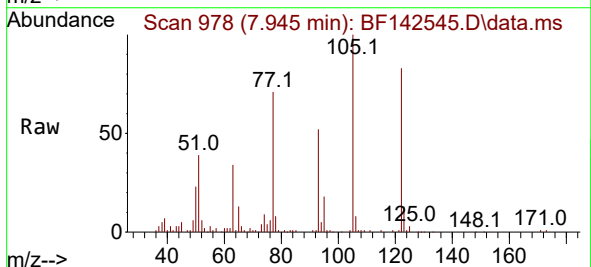
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

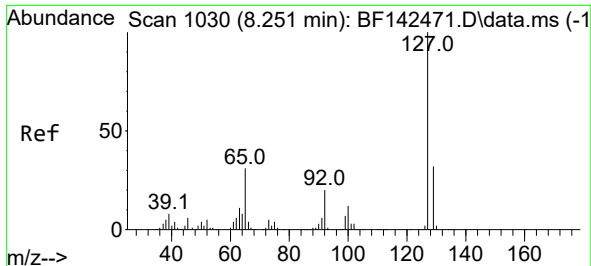
Tgt Ion:128 Resp: 932291
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 43.822 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:122 Resp: 178065
Ion Ratio Lower Upper
122 100
105 120.2 101.7 141.7
77 85.2 69.5 109.5

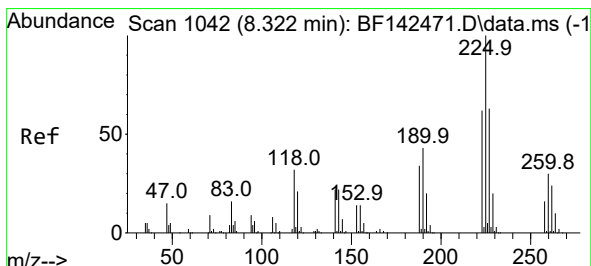
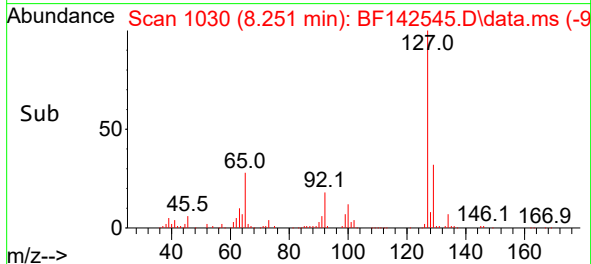
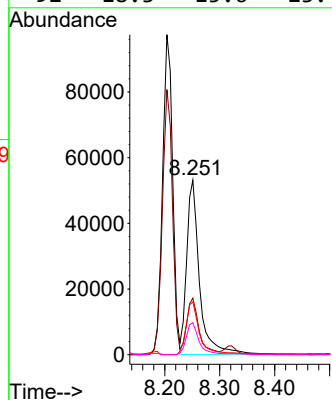
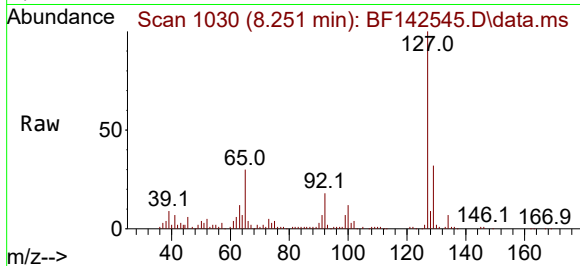




#33
4-Chloroaniline
Concen: 10.046 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

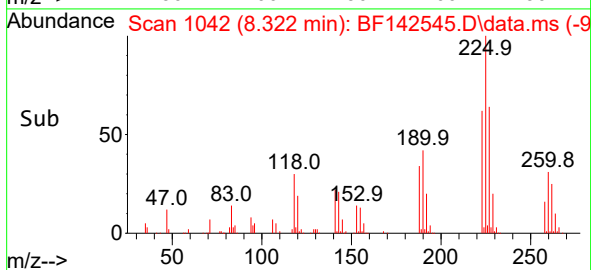
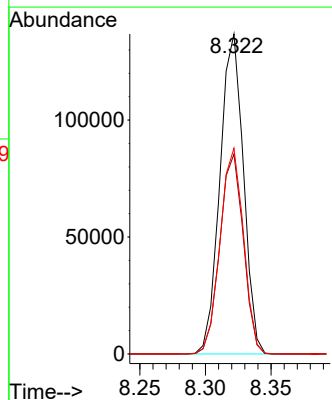
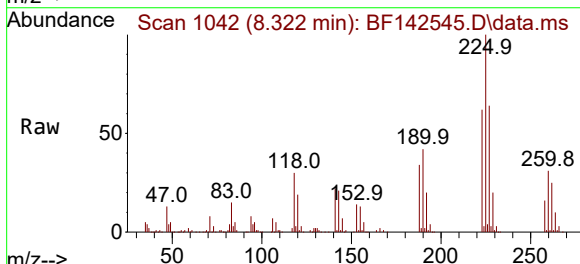
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

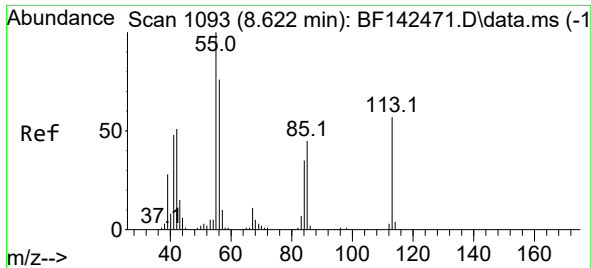
Tgt Ion:	127	Resp:	85846
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	30.2	24.9	37.3
92	18.3	15.6	23.4



#34
Hexachlorobutadiene
Concen: 41.353 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:	225	Resp:	170111
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	64.3	50.3	75.5

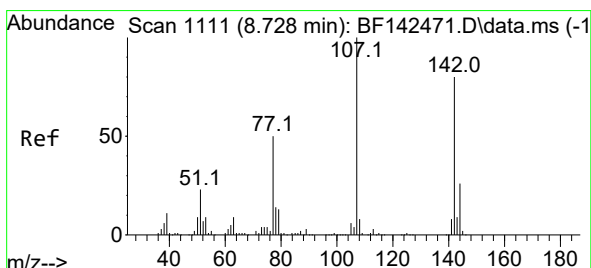
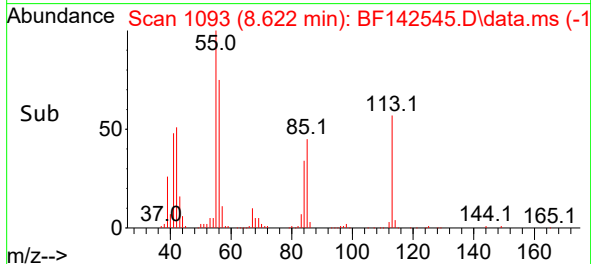
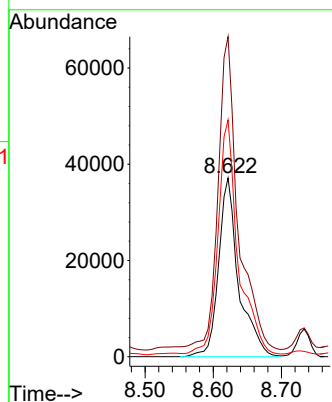
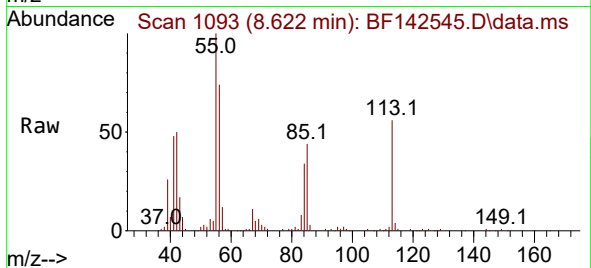




#35
 Caprolactam
 Concen: 44.629 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

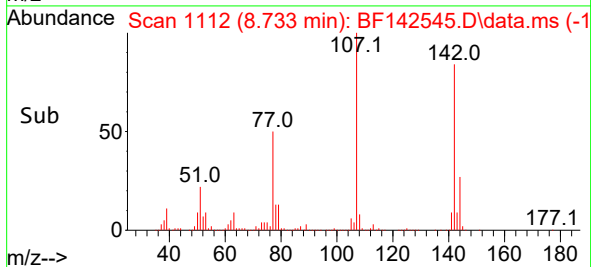
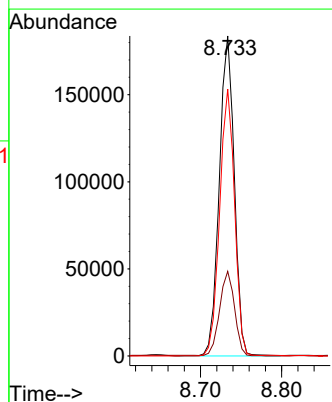
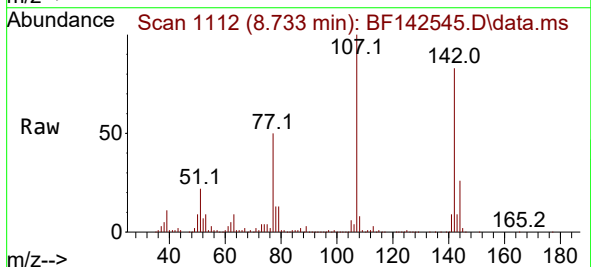
Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMS

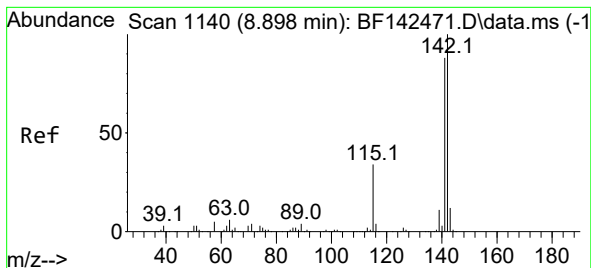
Tgt Ion:113 Resp: 76090
 Ion Ratio Lower Upper
 113 100
 55 179.0 154.7 194.7
 56 132.5 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 38.027 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

Tgt Ion:107 Resp: 236580
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.9 31.3
 142 83.4 64.2 96.2





#37

2-Methylnaphthalene

Concen: 40.727 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

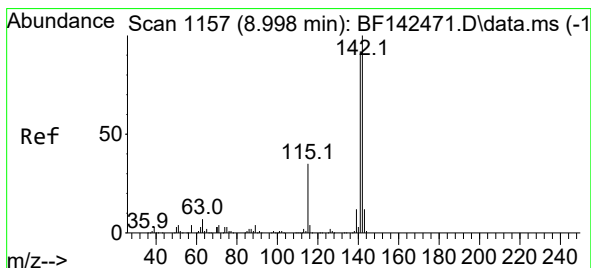
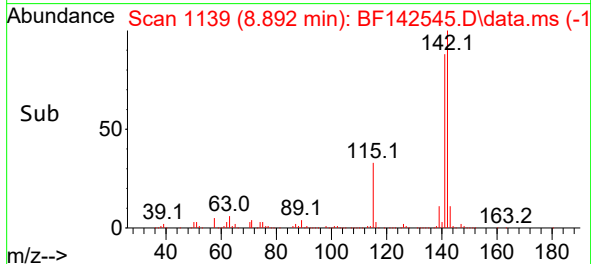
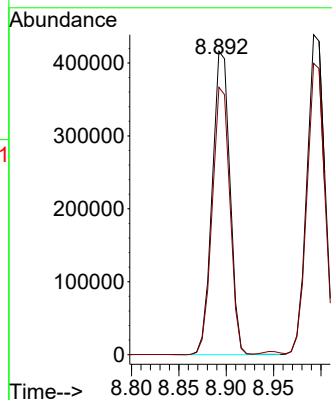
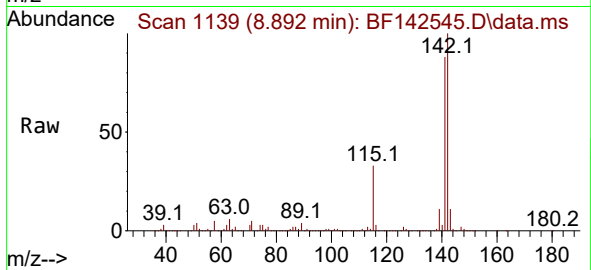
TP-02-MHFMS

Tgt Ion:142 Resp: 540342

Ion Ratio Lower Upper

142 100

141 88.1 70.7 106.1



#38

1-Methylnaphthalene

Concen: 41.558 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142545.D

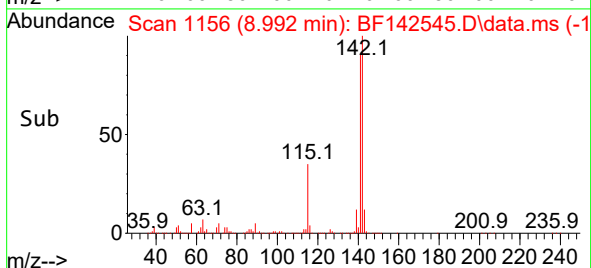
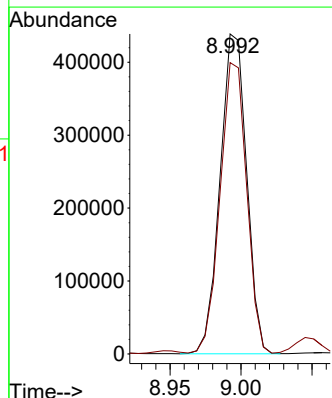
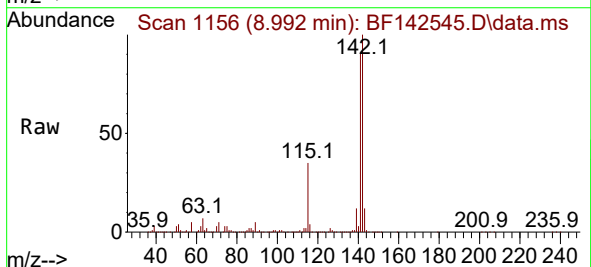
Acq: 23 May 2025 19:56

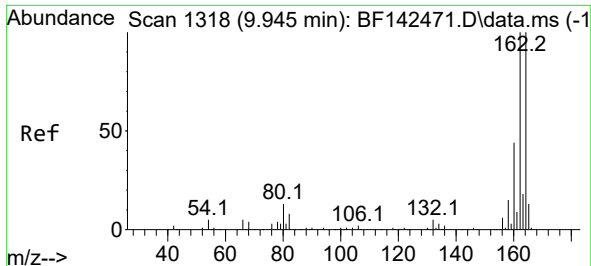
Tgt Ion:142 Resp: 570321

Ion Ratio Lower Upper

142 100

141 91.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

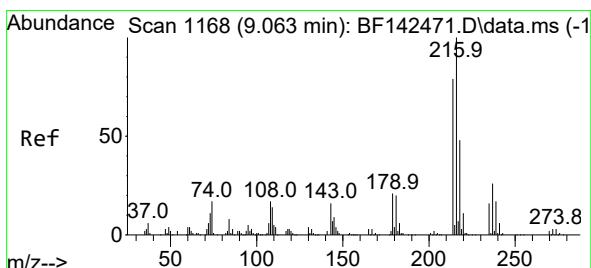
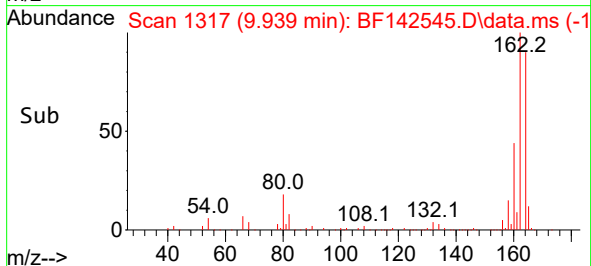
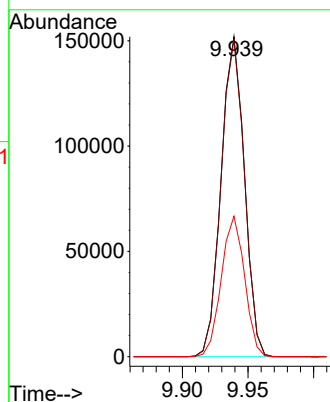
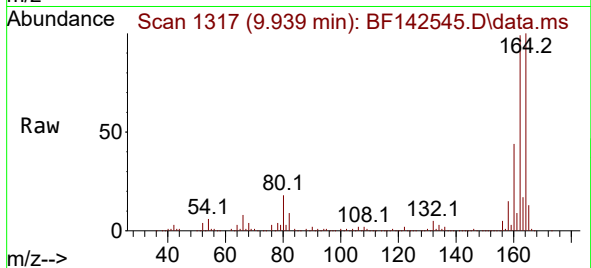
Tgt Ion:164 Resp: 188037

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 43.9 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.742 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Tgt Ion:216 Resp: 257697

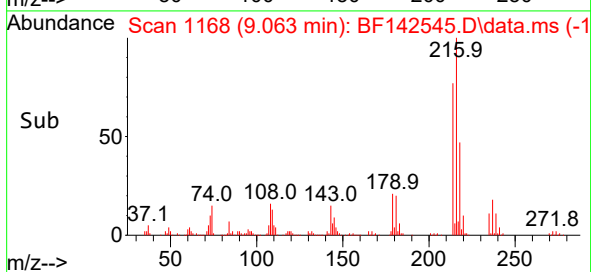
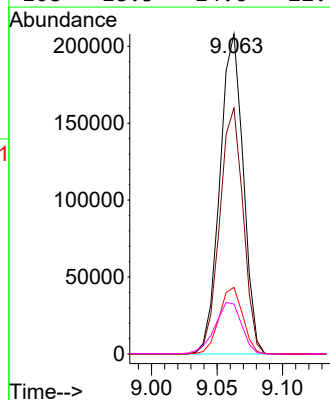
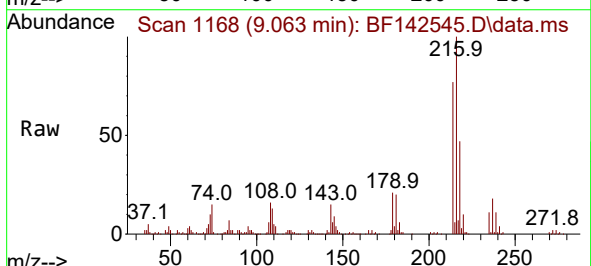
Ion Ratio Lower Upper

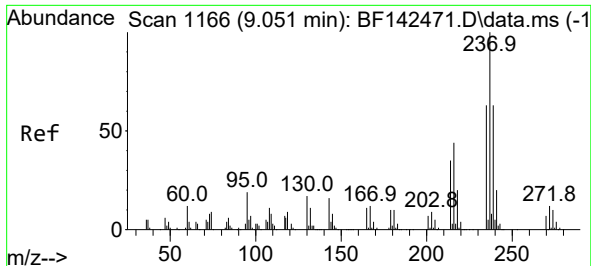
216 100

214 77.1 62.9 94.3

179 21.1 16.9 25.3

108 18.5 14.6 22.0

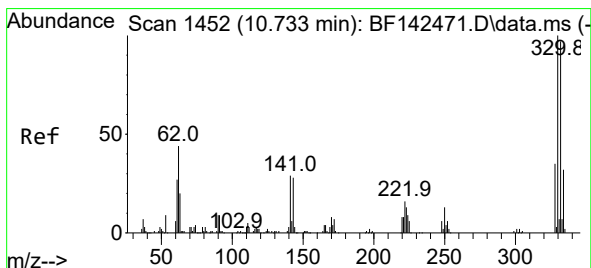
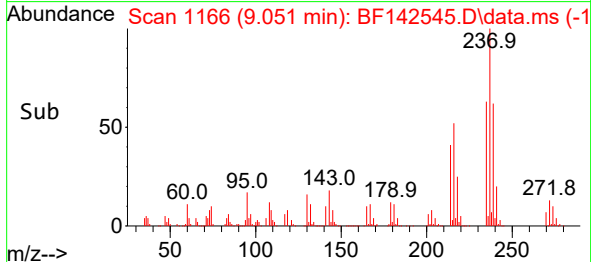
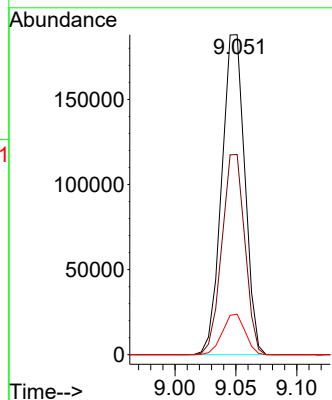
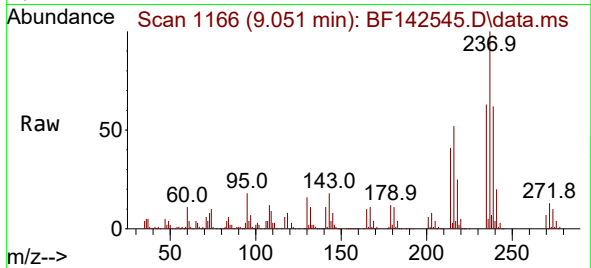




#41
Hexachlorocyclopentadiene
Concen: 68.069 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

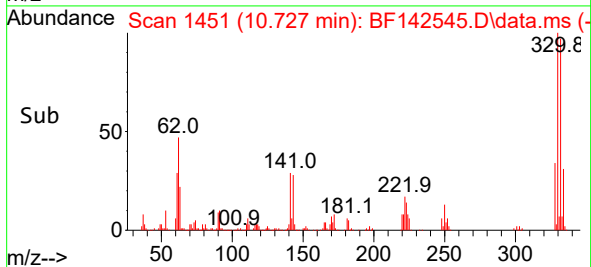
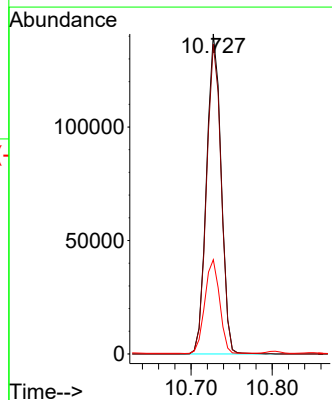
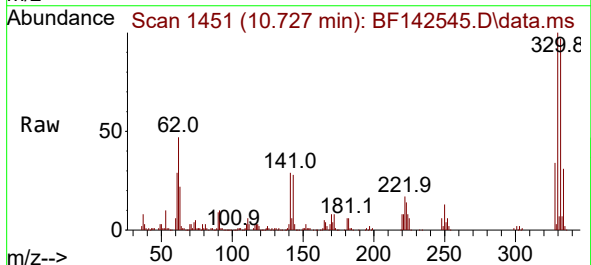
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

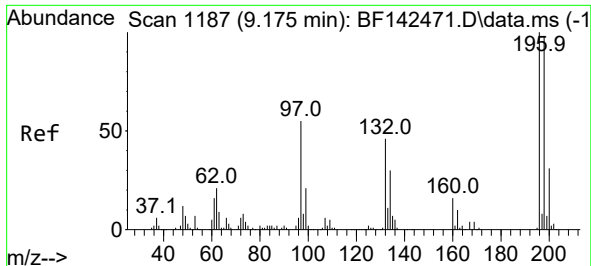
Tgt Ion:237 Resp: 247856
Ion Ratio Lower Upper
237 100
235 62.6 43.3 83.3
272 12.6 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 84.137 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:330 Resp: 175592
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 29.6 24.6 36.8

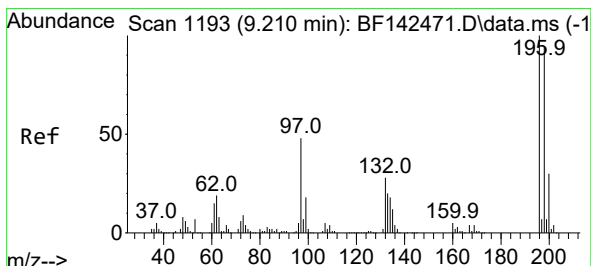
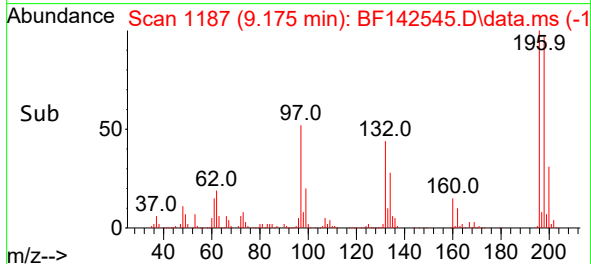
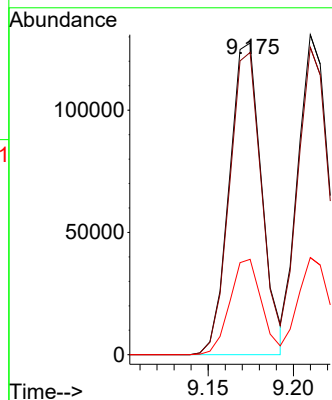
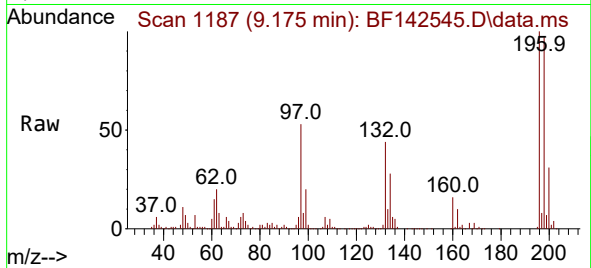




#43
2,4,6-Trichlorophenol
Concen: 46.180 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

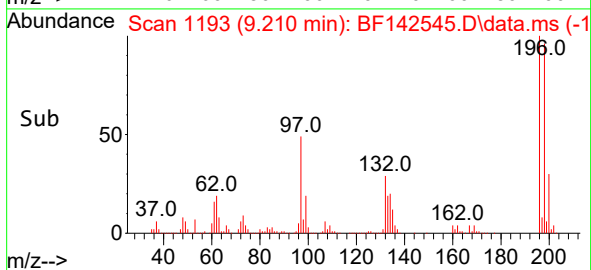
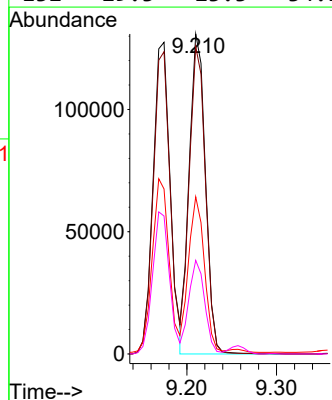
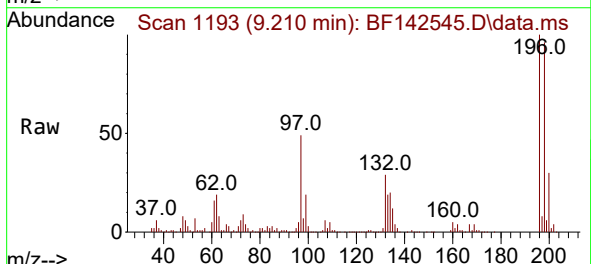
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

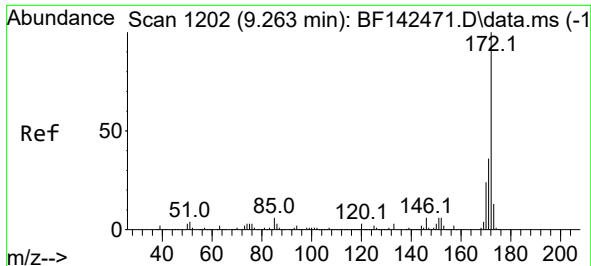
Tgt Ion:196 Resp: 168084
Ion Ratio Lower Upper
196 100
198 97.0 78.8 118.2
200 30.6 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 42.919 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:196 Resp: 164751
Ion Ratio Lower Upper
196 100
198 96.0 75.5 113.3
97 49.1 39.3 58.9
132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 65.296 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

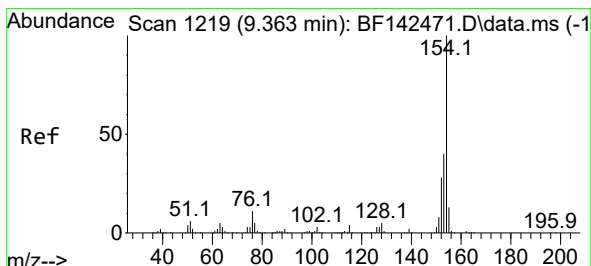
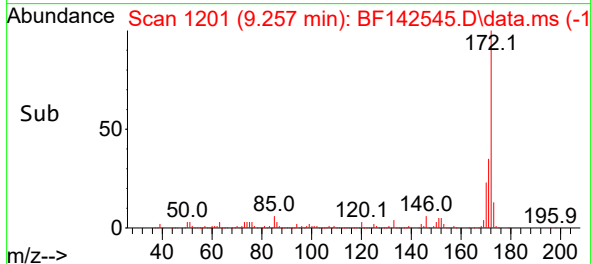
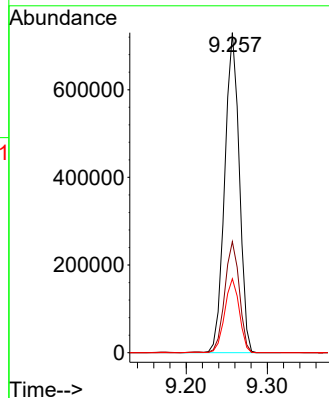
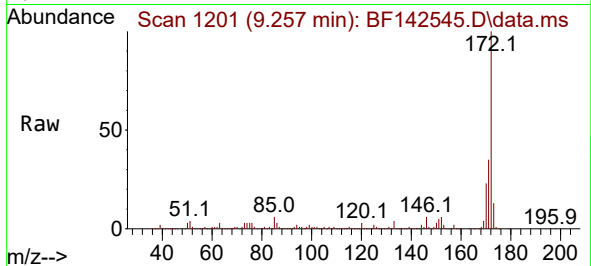
Tgt Ion:172 Resp: 915009

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 47.237 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

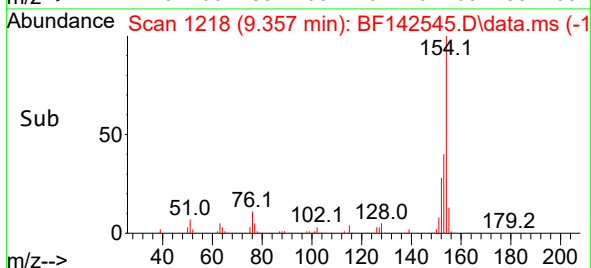
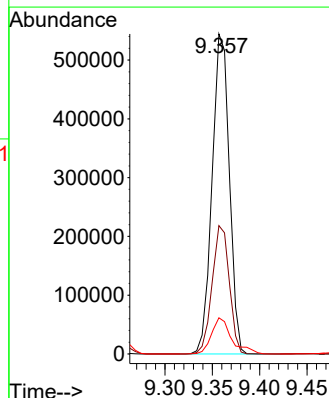
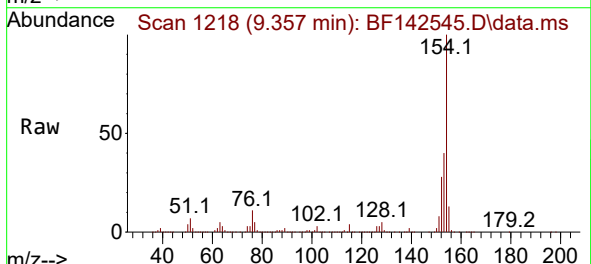
Tgt Ion:154 Resp: 689106

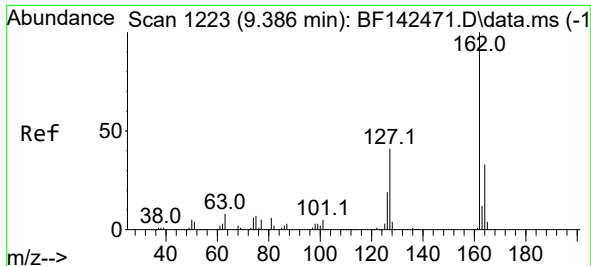
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.373 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

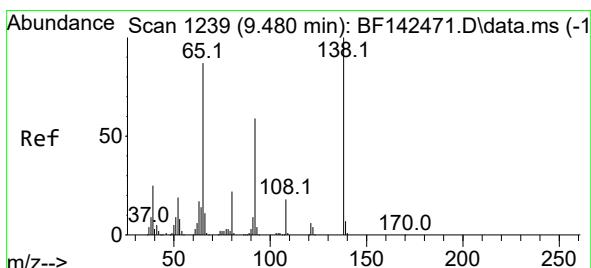
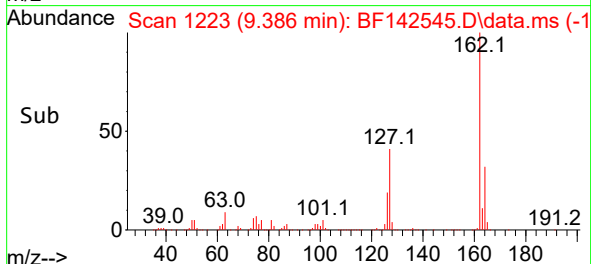
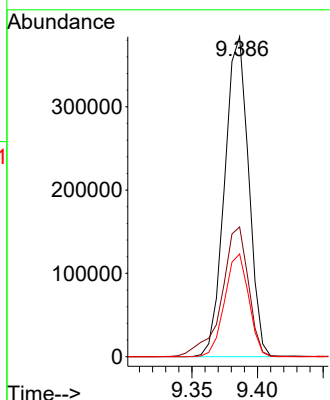
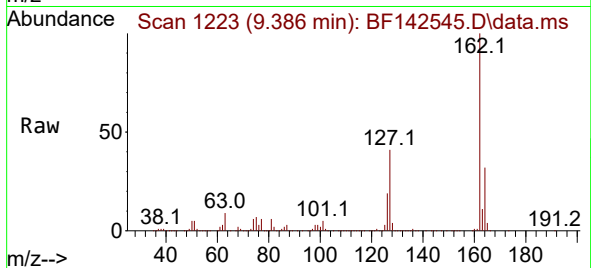
Tgt Ion:162 Resp: 489047

Ion Ratio Lower Upper

162 100

127 40.5 33.5 50.3

164 32.1 26.1 39.1



#48

2-Nitroaniline

Concen: 44.933 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

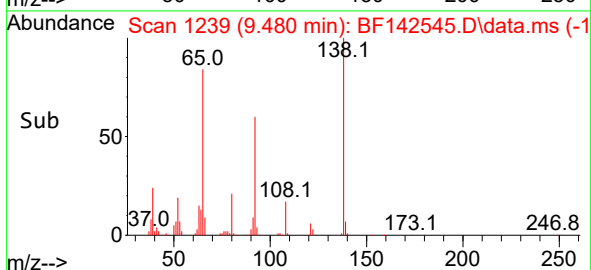
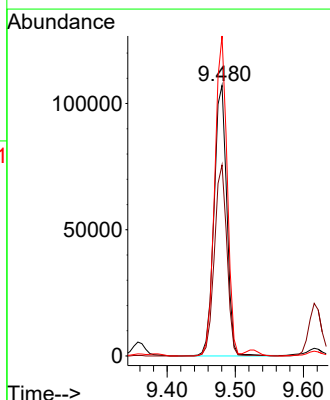
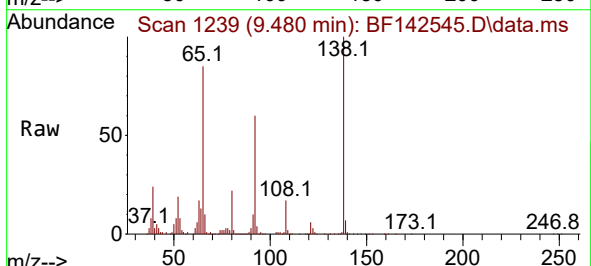
Tgt Ion: 65 Resp: 139985

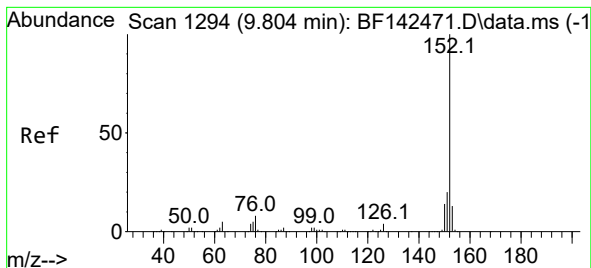
Ion Ratio Lower Upper

65 100

92 70.6 54.4 81.6

138 118.3 91.4 137.2





#49

Acenaphthylene

Concen: 44.029 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

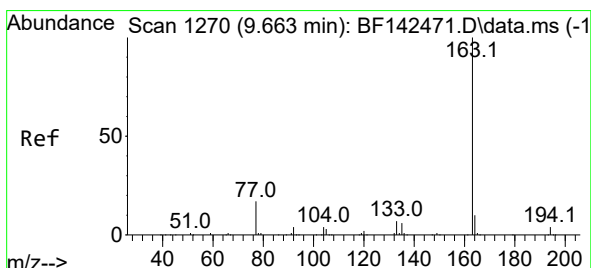
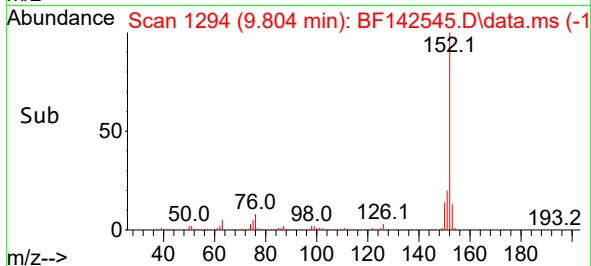
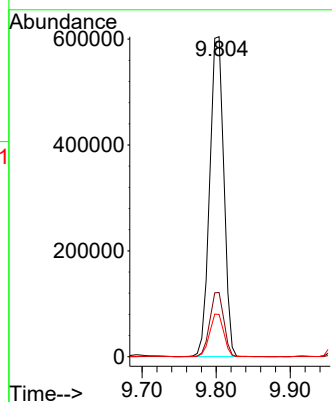
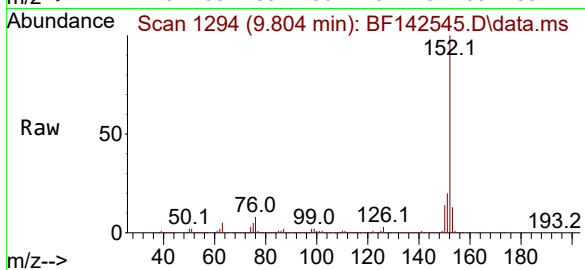
Tgt Ion:152 Resp: 801325

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 47.244 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

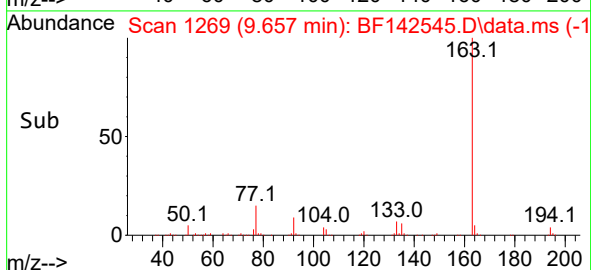
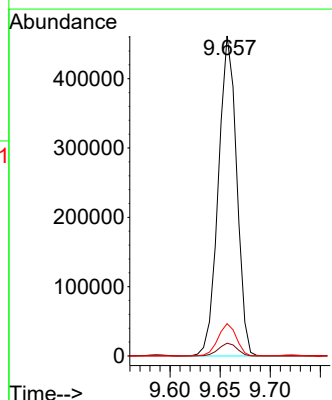
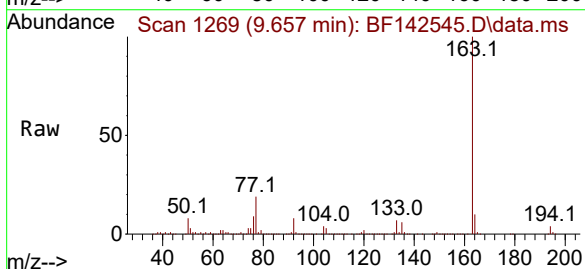
Tgt Ion:163 Resp: 586168

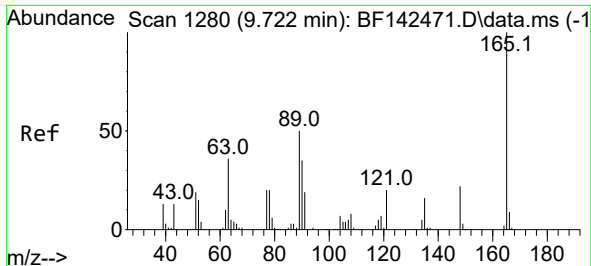
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 8.2 12.4

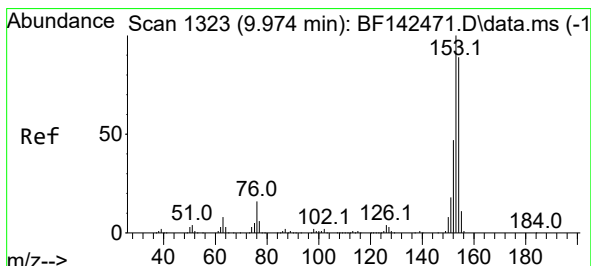
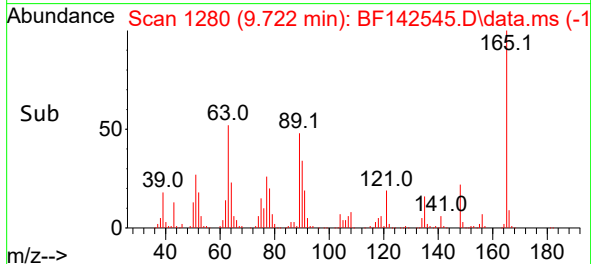
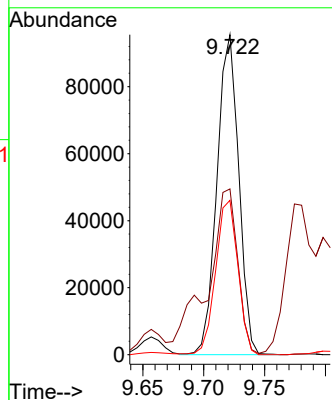
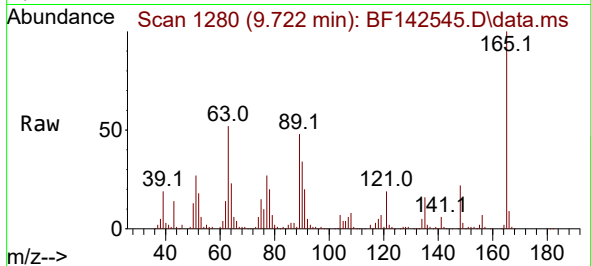




#51
2,6-Dinitrotoluene
Concen: 44.512 ng
RT: 9.722 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

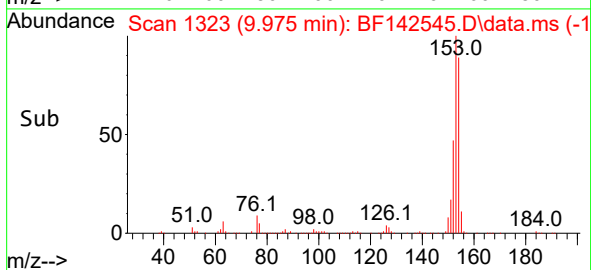
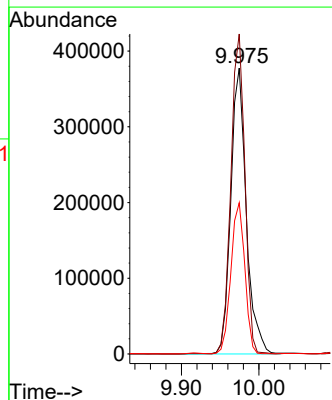
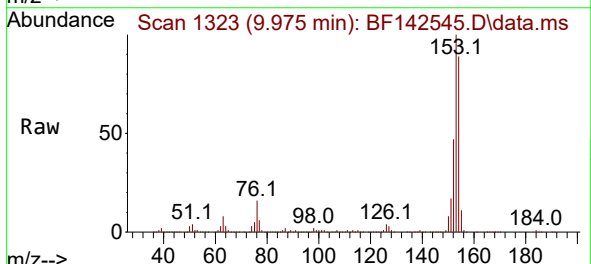
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

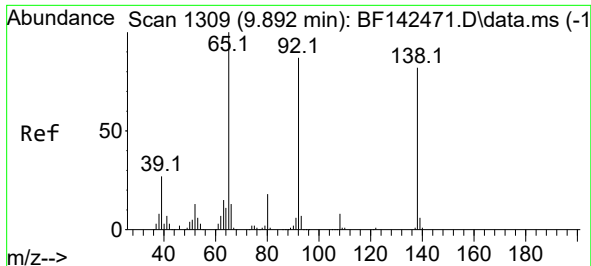
Tgt Ion:165 Resp: 119197
Ion Ratio Lower Upper
165 100
63 51.8 42.9 64.3
89 48.3 40.2 60.4



#52
Acenaphthene
Concen: 47.284 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:154 Resp: 525483
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 52.8 42.6 64.0

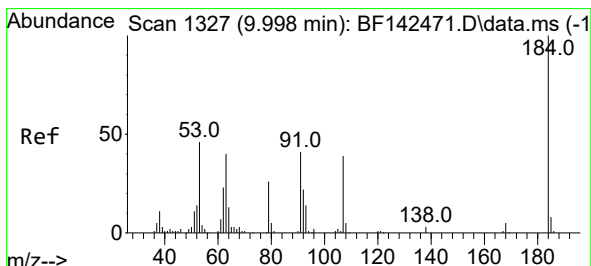
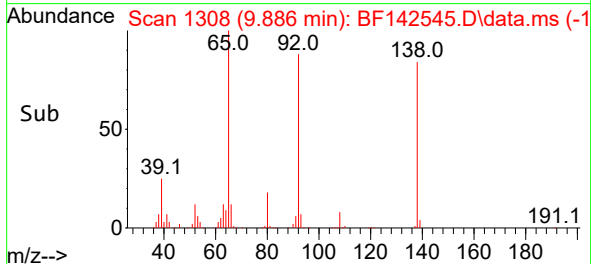
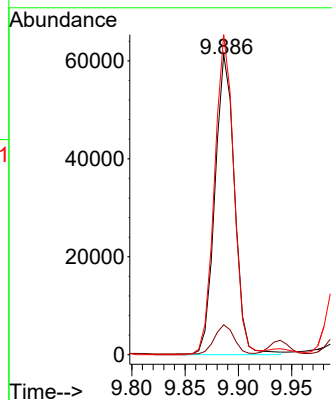
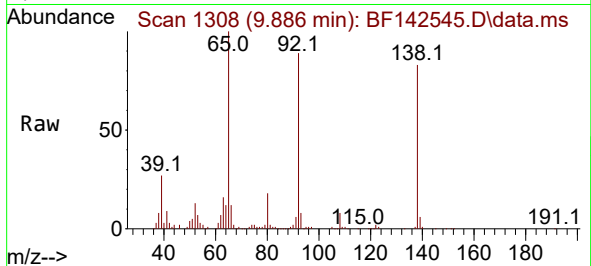




#53
3-Nitroaniline
Concen: 26.800 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

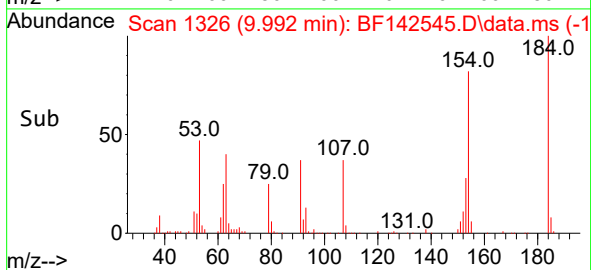
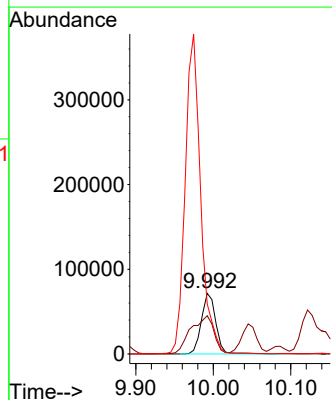
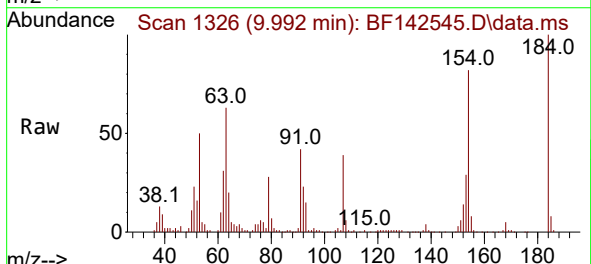
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

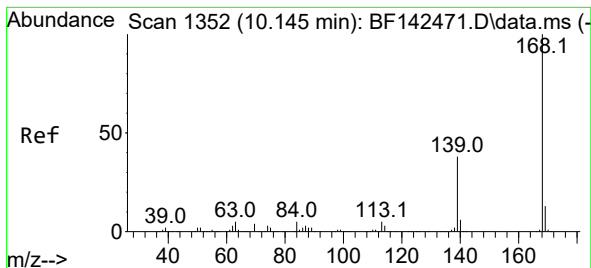
Tgt Ion:138 Resp: 78388
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.6 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 66.554 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:184 Resp: 92078
Ion Ratio Lower Upper
184 100
63 63.0 46.3 69.5
154 82.2 56.8 85.2





#55

Dibenzofuran

Concen: 43.730 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

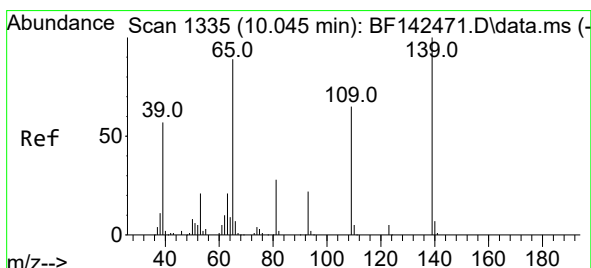
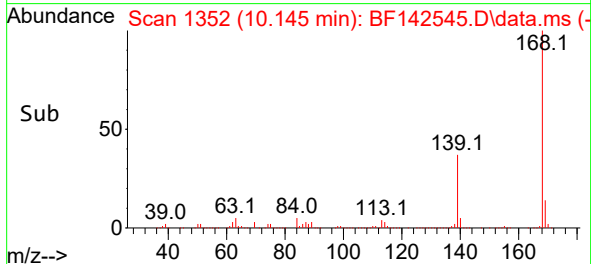
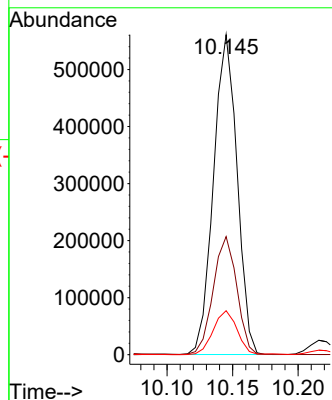
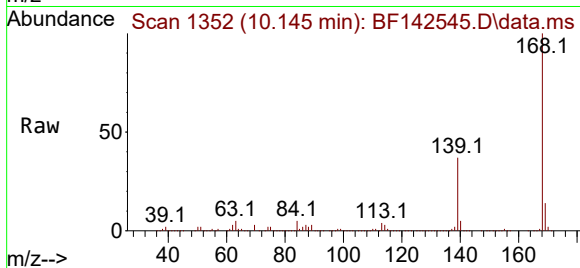
Tgt Ion:168 Resp: 699345

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.2

169 13.8 10.7 16.1



#56

4-Nitrophenol

Concen: 81.490 ng

RT: 10.045 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

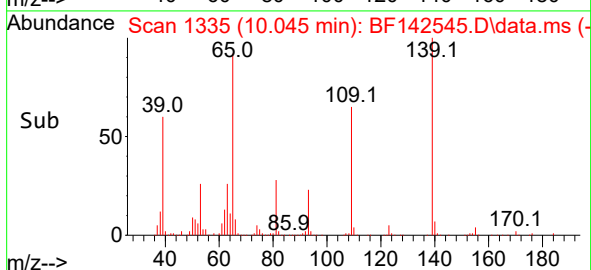
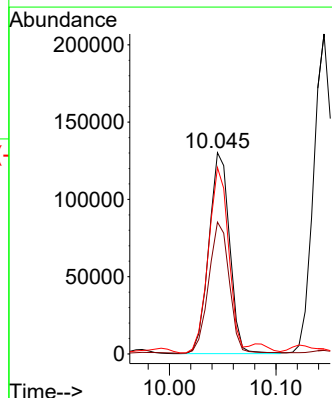
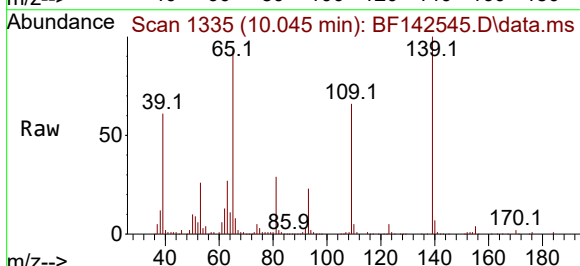
Tgt Ion:139 Resp: 175867

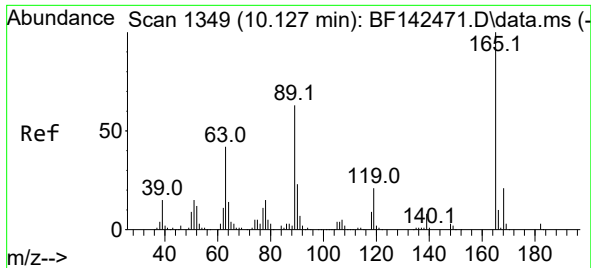
Ion Ratio Lower Upper

139 100

109 65.5 45.1 85.1

65 92.6 69.7 109.7

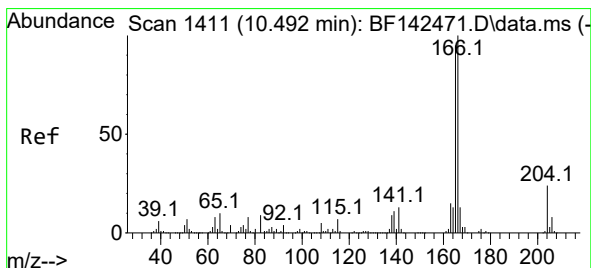
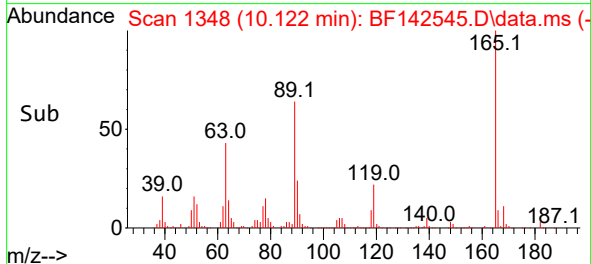
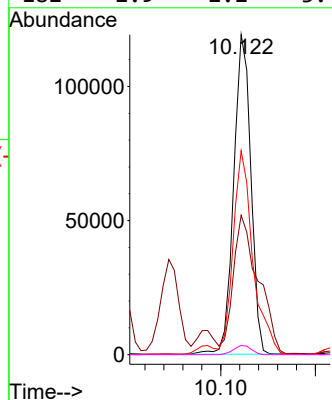
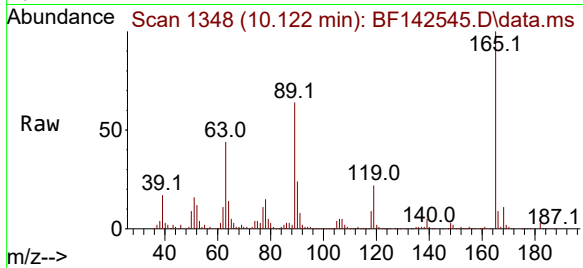




#57
2,4-Dinitrotoluene
Concen: 42.842 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

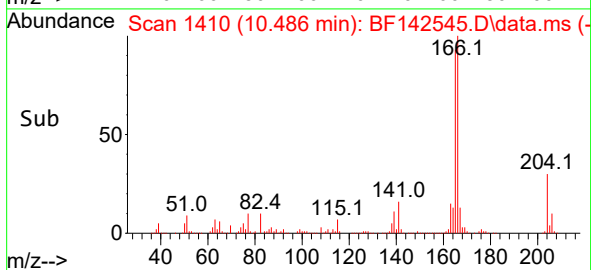
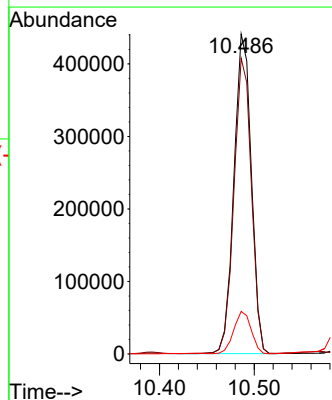
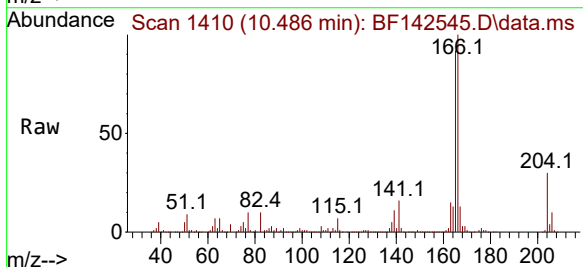
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

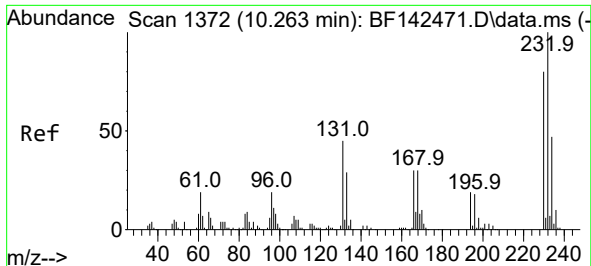
Tgt Ion:	165	Resp:	149828
Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.6	50.4
89	63.8	50.2	75.4
182	2.9	2.2	3.4



#58
Fluorene
Concen: 45.409 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:	166	Resp:	561028
Ion	Ratio	Lower	Upper
166	100		
165	92.4	75.8	113.8
167	13.3	10.6	16.0

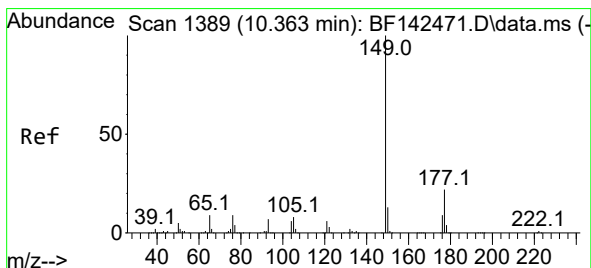
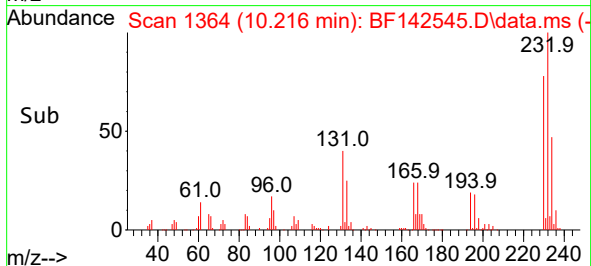
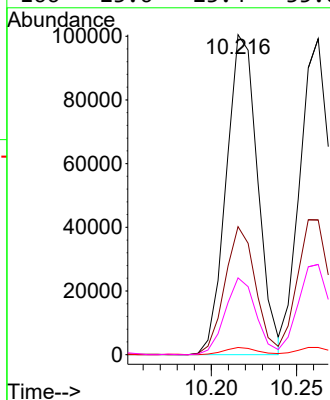
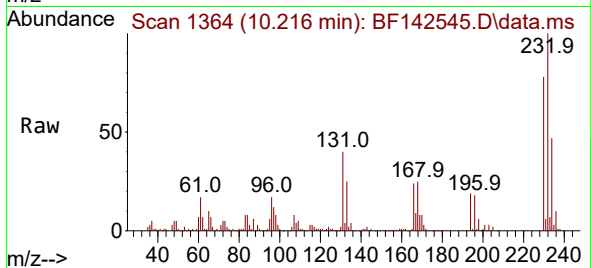




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.172 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

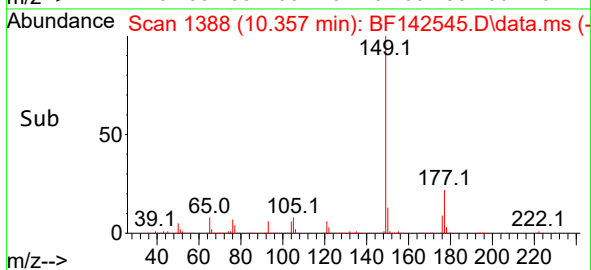
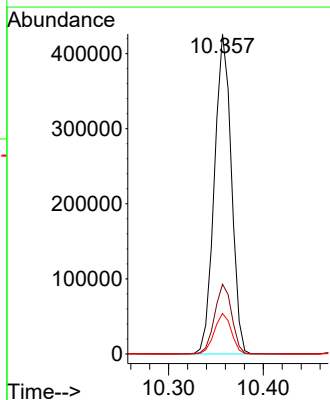
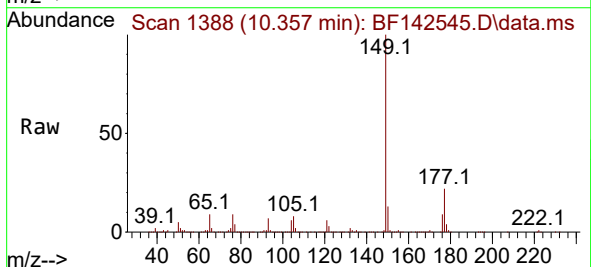
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

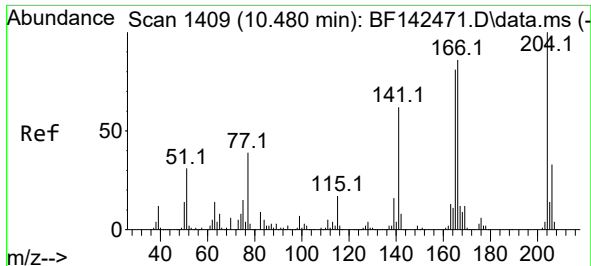
Tgt Ion:232 Resp: 128736
Ion Ratio Lower Upper
232 100
131 39.4 35.2 52.8
130 2.4 1.7 2.5
166 23.6 23.4 35.0



#60
Diethylphthalate
Concen: 43.781 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:149 Resp: 530518
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.7 10.1 15.1

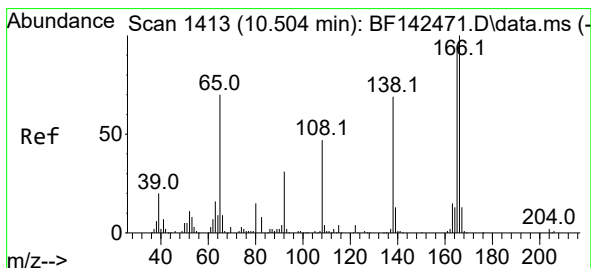
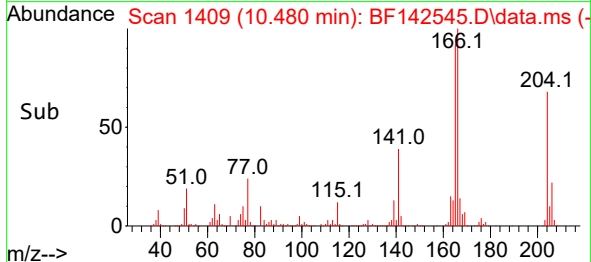
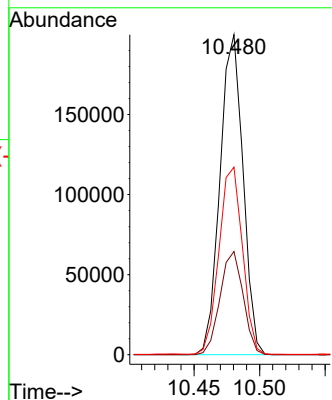
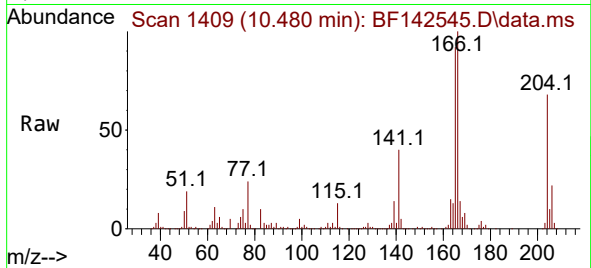




#61
4-Chlorophenyl-phenylether
Concen: 40.161 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

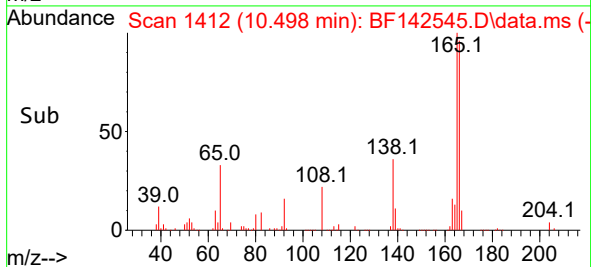
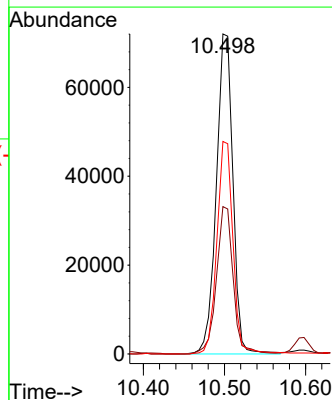
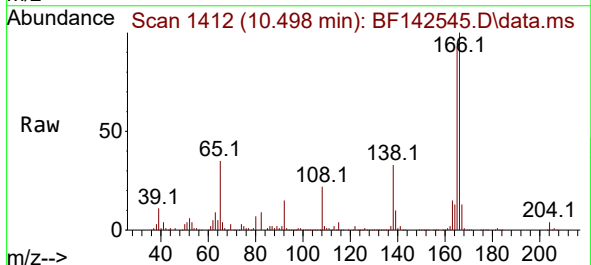
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

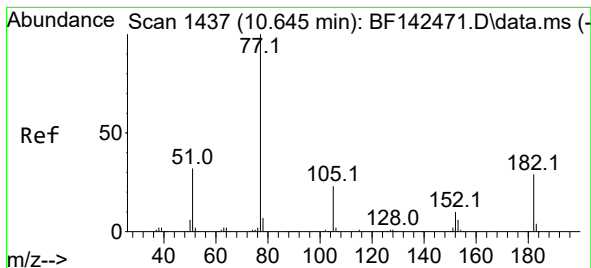
Tgt Ion:204 Resp: 243745
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 58.6 49.5 74.3



#62
4-Nitroaniline
Concen: 38.693 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:138 Resp: 102642
Ion Ratio Lower Upper
138 100
92 46.1 26.0 66.0
108 66.4 48.4 88.4





#63

Azobenzene

Concen: 43.319 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

Tgt Ion: 77 Resp: 471476

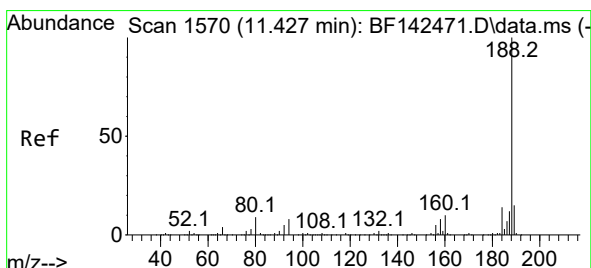
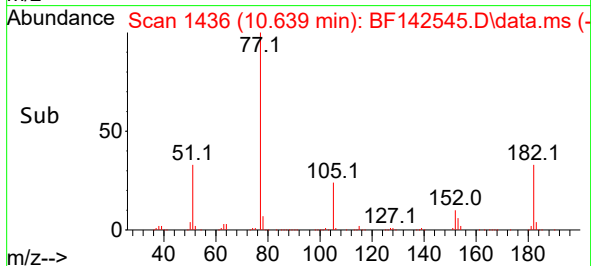
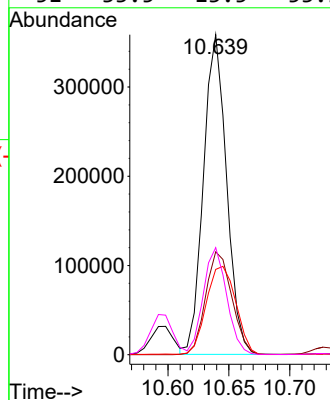
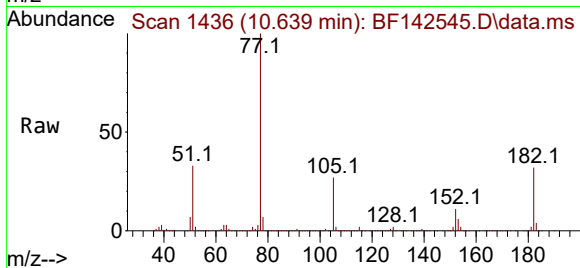
Ion Ratio Lower Upper

77 100

182 32.2 9.0 49.0

105 26.6 2.4 42.4

51 33.5 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

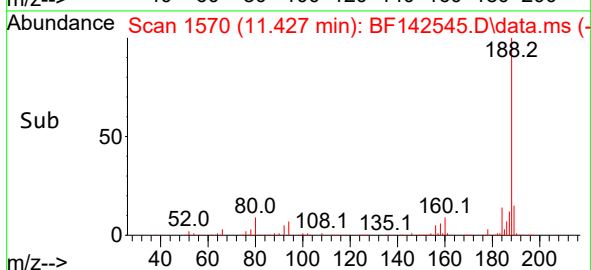
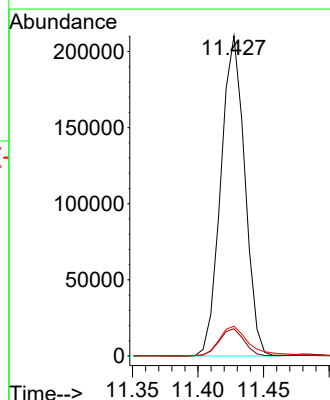
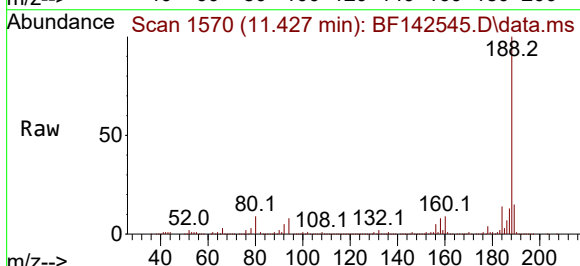
Tgt Ion:188 Resp: 266608

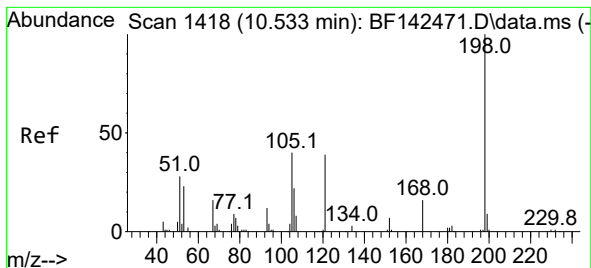
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.3 7.4 11.0

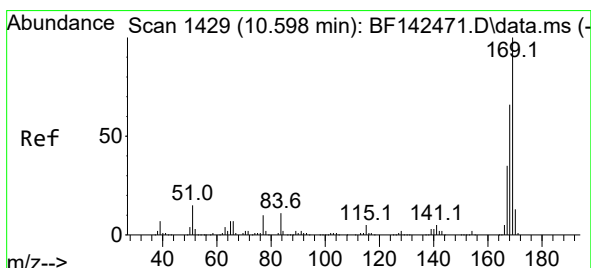
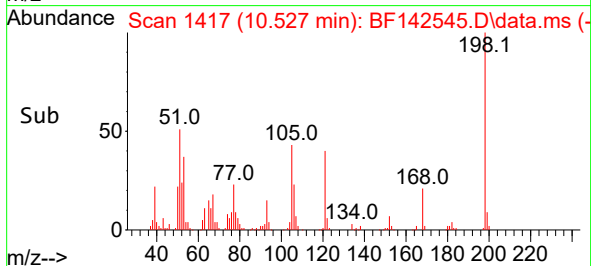
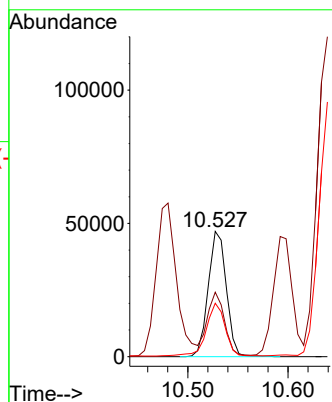
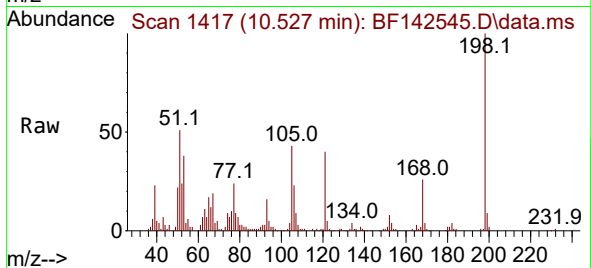




#65
4,6-Dinitro-2-methylphenol
Concen: 39.616 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

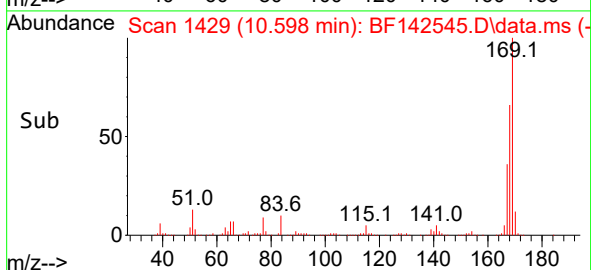
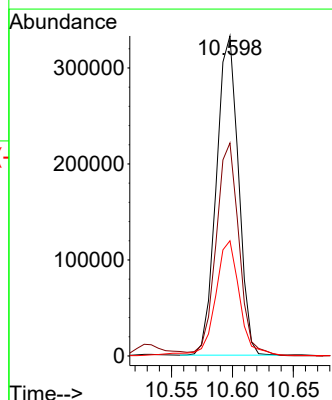
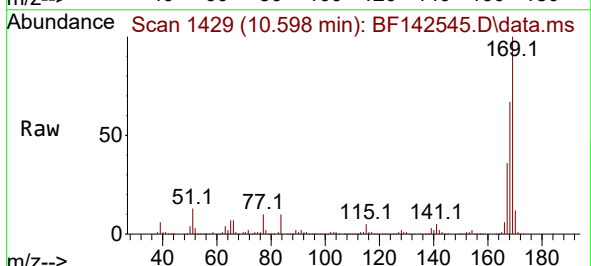
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

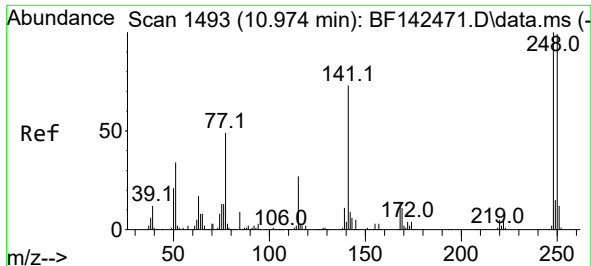
Tgt Ion:198 Resp: 58943
Ion Ratio Lower Upper
198 100
51 51.5 28.3 68.3
105 42.7 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 45.980 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:169 Resp: 419390
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 36.0 28.3 42.5

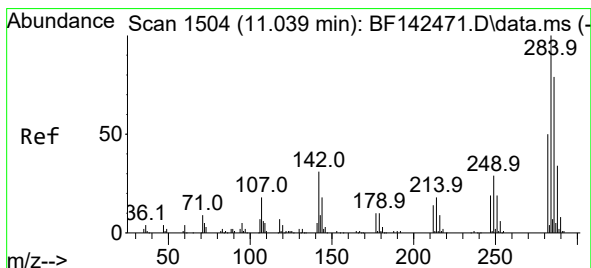
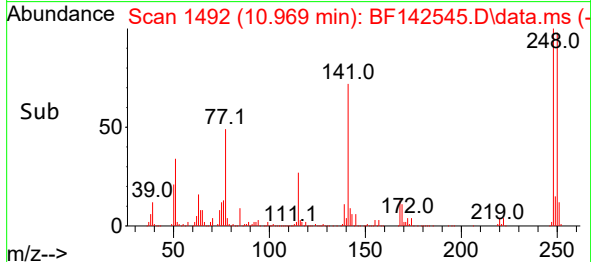
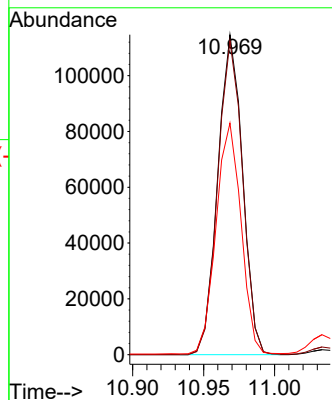
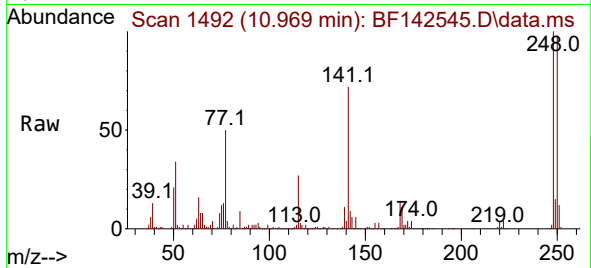




#67
4-Bromophenyl-phenylether
Concen: 44.150 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

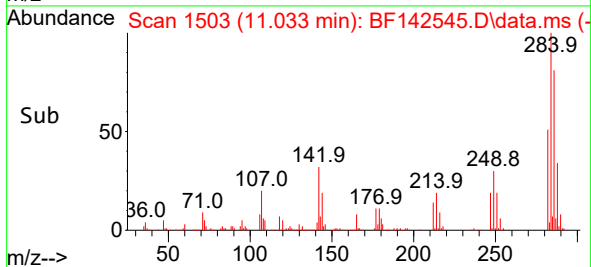
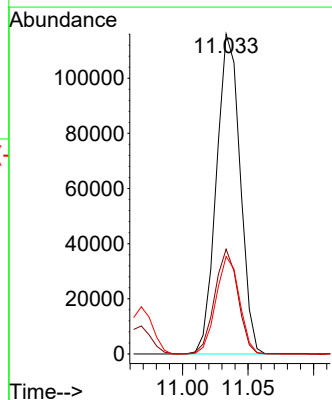
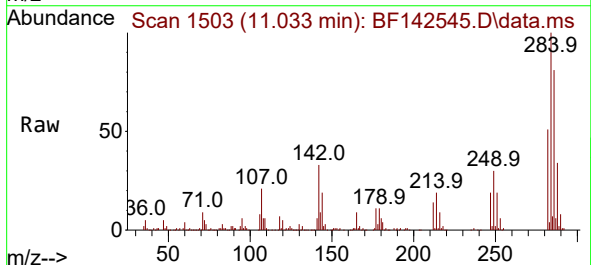
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

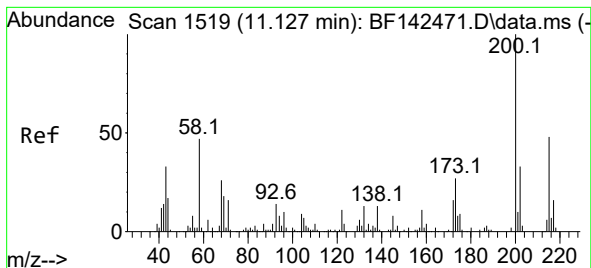
Tgt Ion:248 Resp: 139182
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.4
141 72.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.746 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:284 Resp: 145556
Ion Ratio Lower Upper
284 100
142 32.7 24.8 37.2
249 30.5 23.6 35.4





#69

Atrazine

Concen: 52.063 ng

RT: 11.121 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

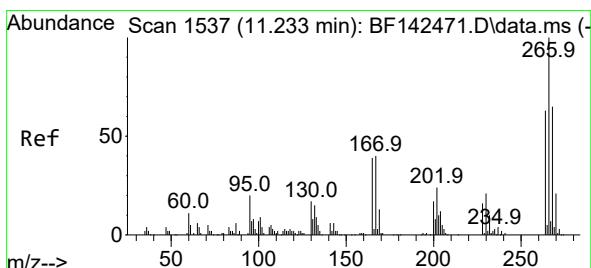
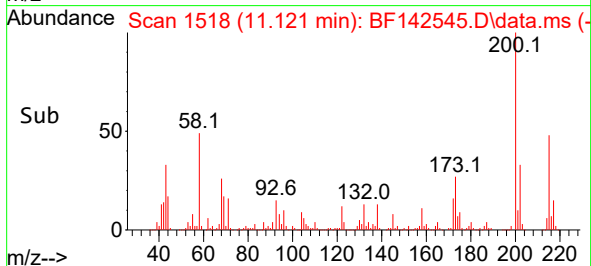
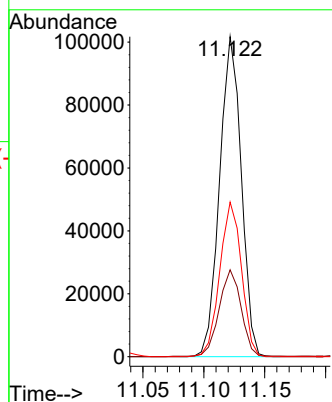
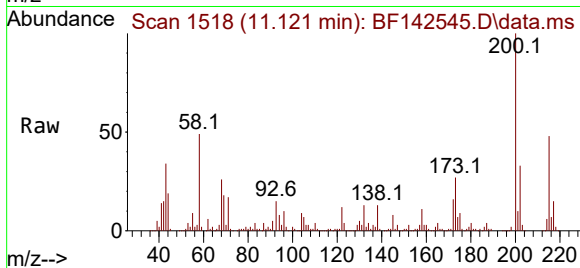
Tgt Ion:200 Resp: 126115

Ion Ratio Lower Upper

200 100

173 27.1 7.4 47.4

215 48.3 28.5 68.5



#70

Pentachlorophenol

Concen: 89.559 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

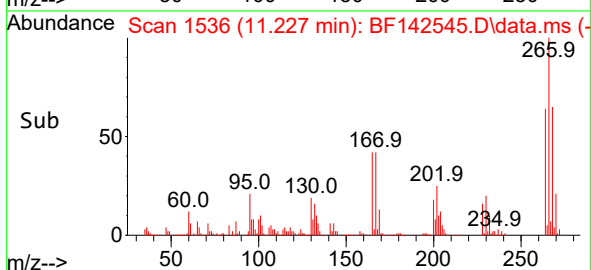
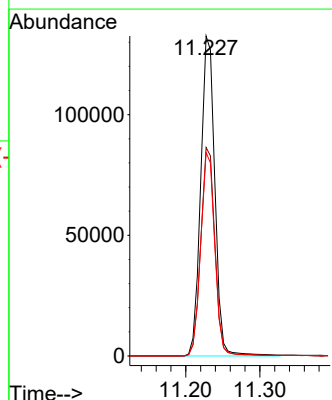
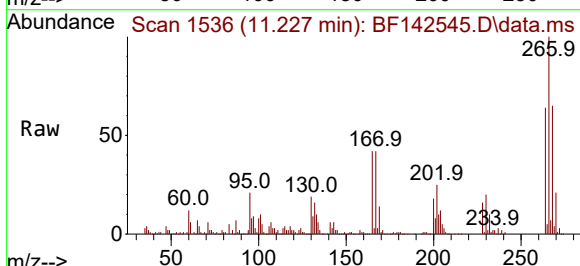
Tgt Ion:266 Resp: 176299

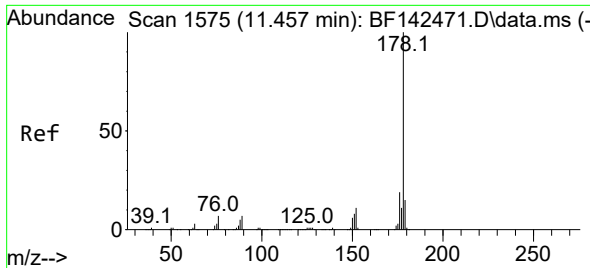
Ion Ratio Lower Upper

266 100

268 65.1 51.7 77.5

264 63.6 50.4 75.6

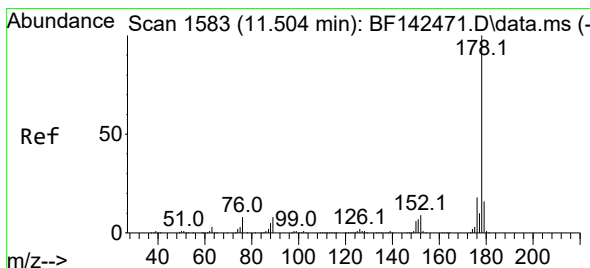
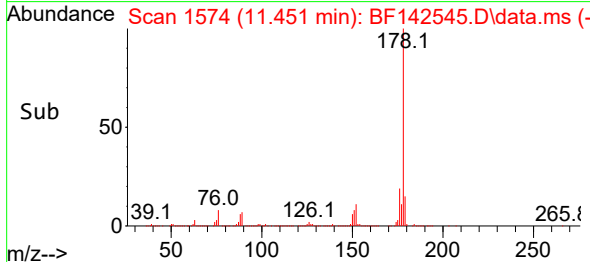
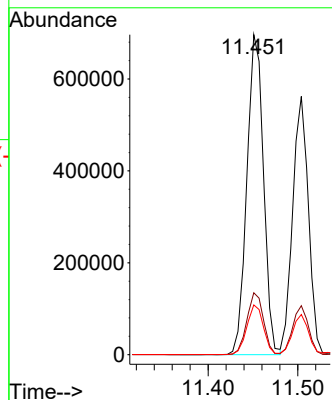
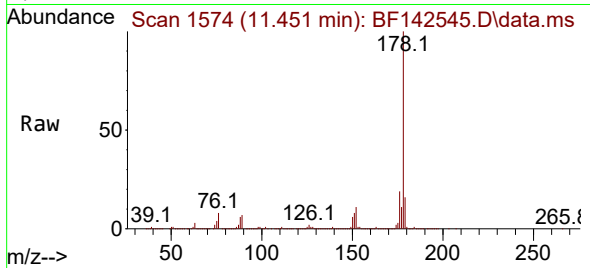




#71
Phenanthrene
Concen: 62.944 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

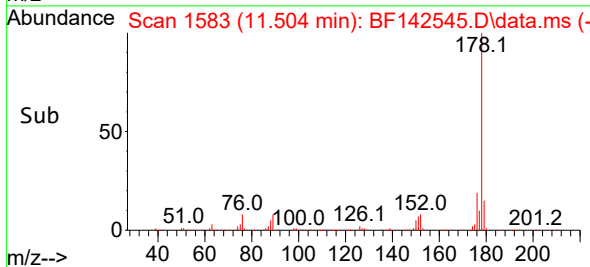
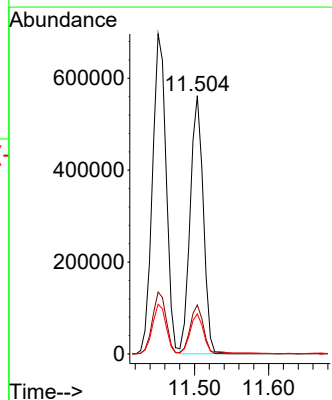
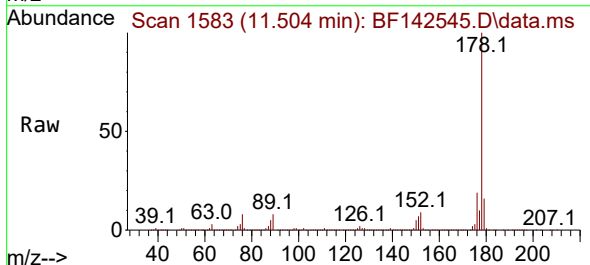
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

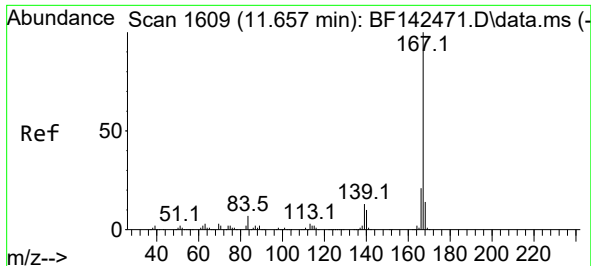
Tgt Ion:178 Resp: 896834
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 47.268 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:178 Resp: 687330
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.5 12.4 18.6

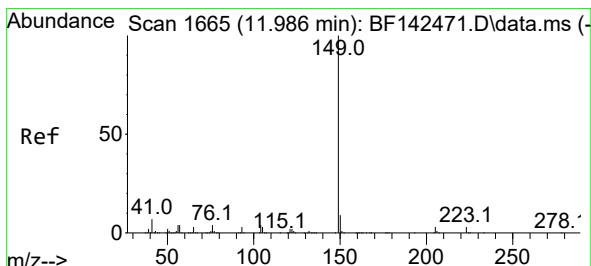
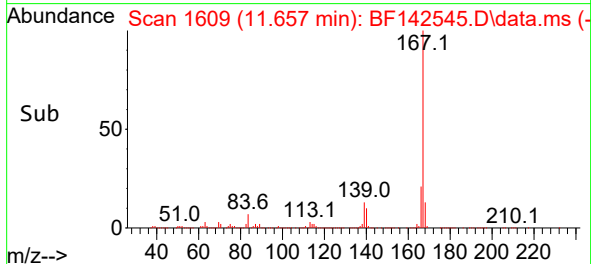
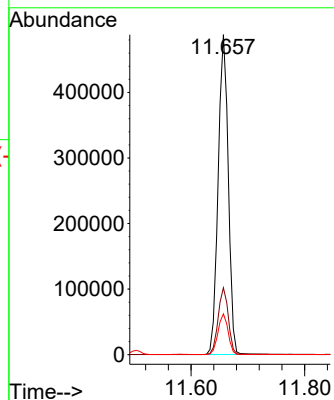
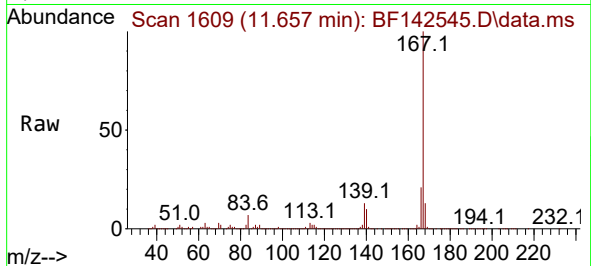




#73
 Carbazole
 Concen: 48.604 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

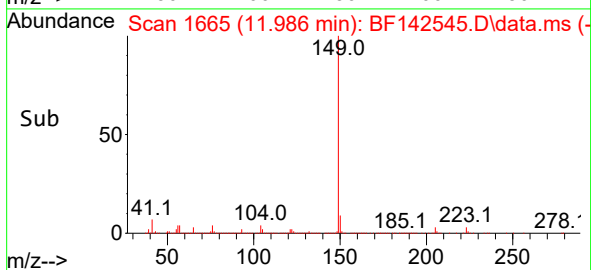
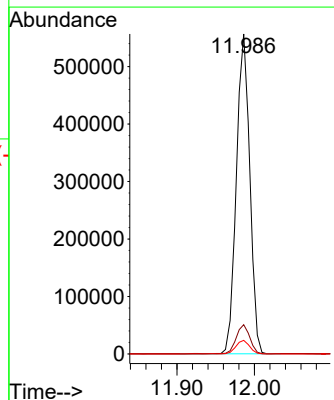
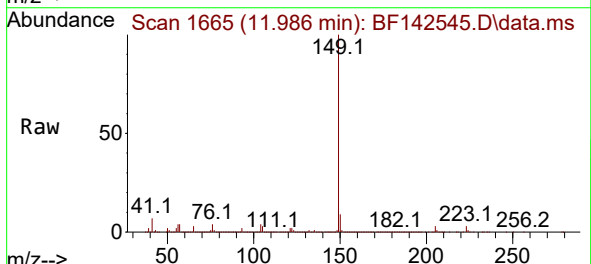
Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMS

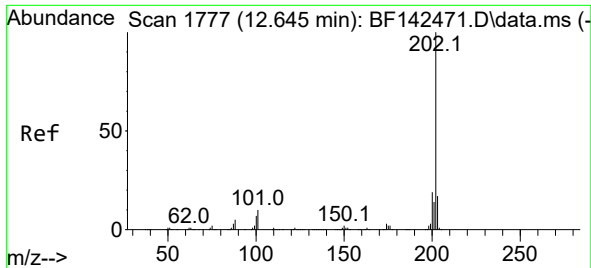
Tgt Ion:167 Resp: 604211
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.9 25.3
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 49.277 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

Tgt Ion:149 Resp: 670523
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.3 3.6 5.4

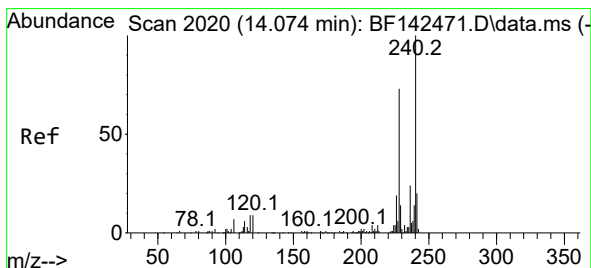
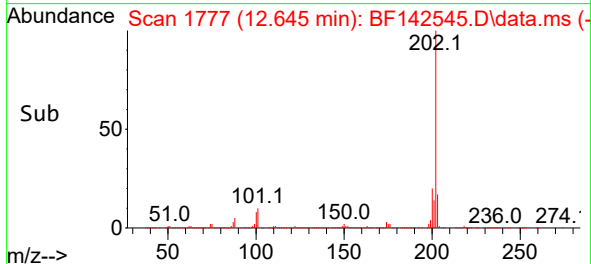
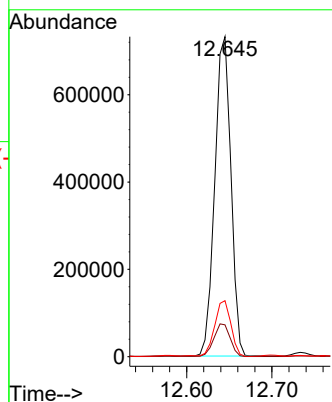
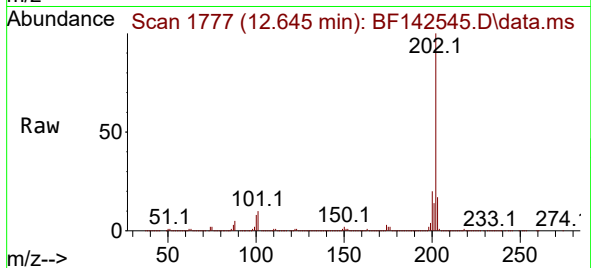




#75
Fluoranthene
Concen: 72.199 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

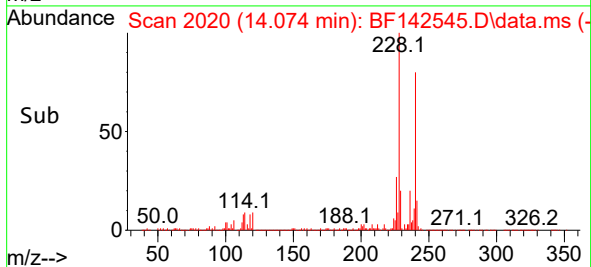
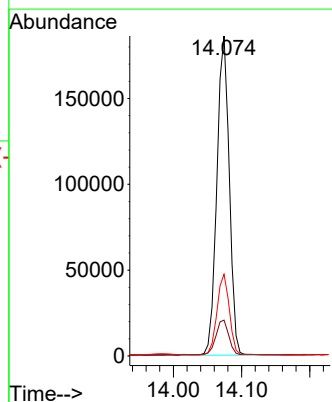
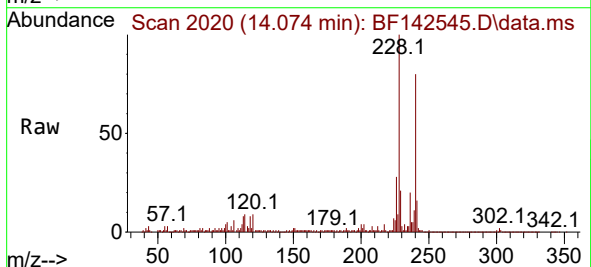
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

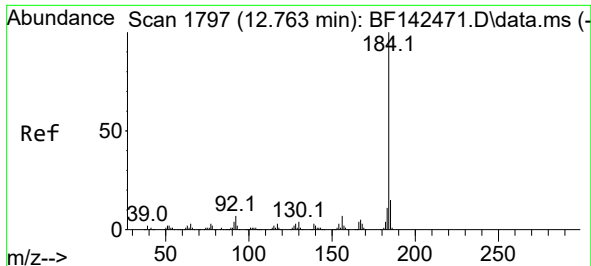
Tgt Ion:202 Resp: 961217
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 17.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:240 Resp: 235229
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 25.5 19.6 29.4

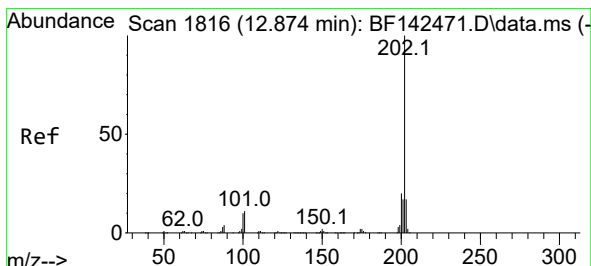
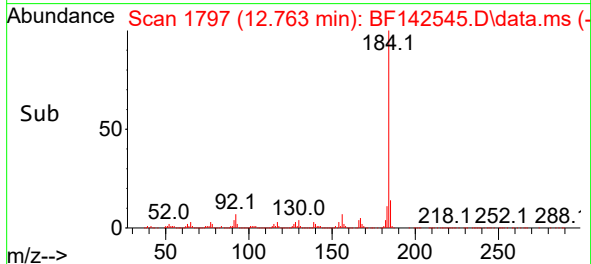
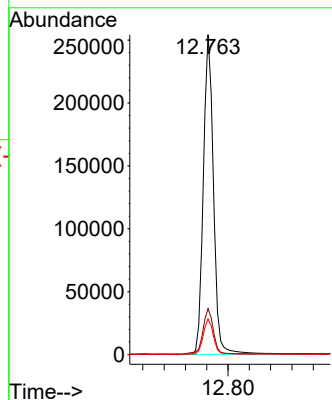
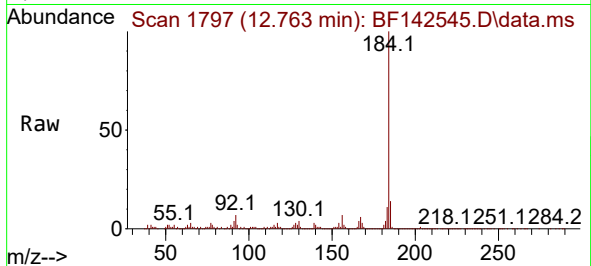




#77
Benzidine
Concen: 38.345 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

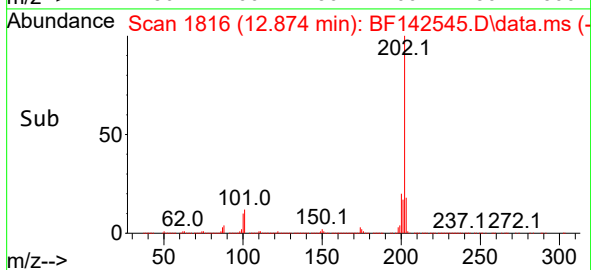
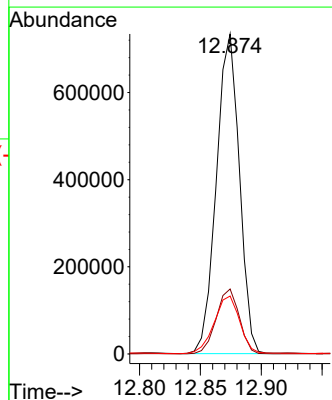
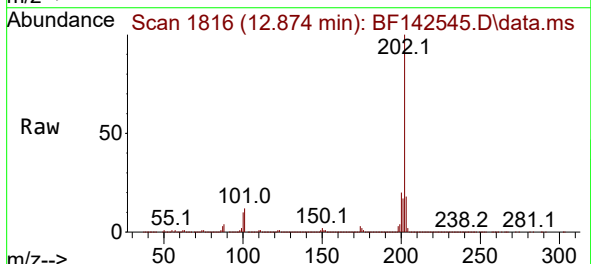
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

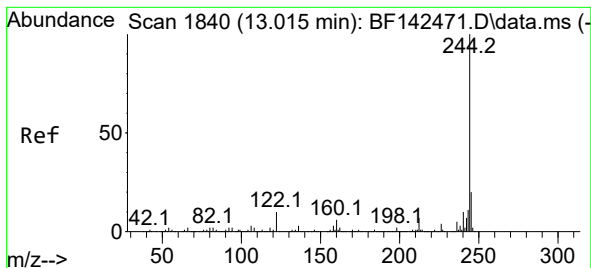
Tgt Ion:184 Resp: 335658
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.2 9.0 13.4



#78
Pyrene
Concen: 43.978 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:202 Resp: 965034
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 18.1 13.9 20.9





#79

Terphenyl-d14

Concen: 42.655 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

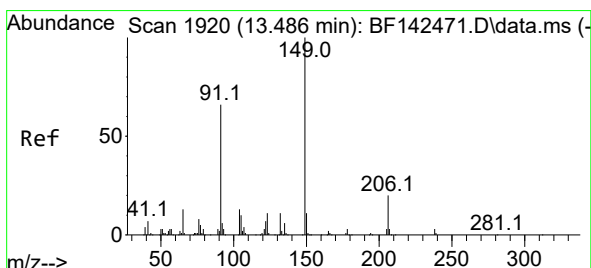
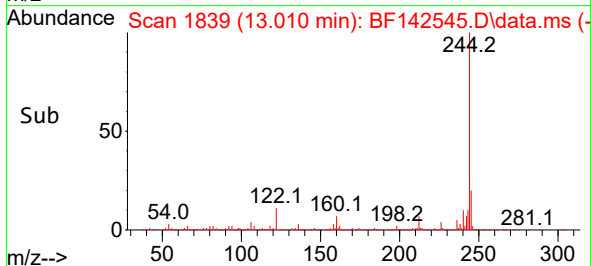
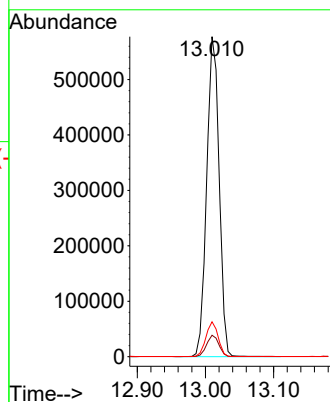
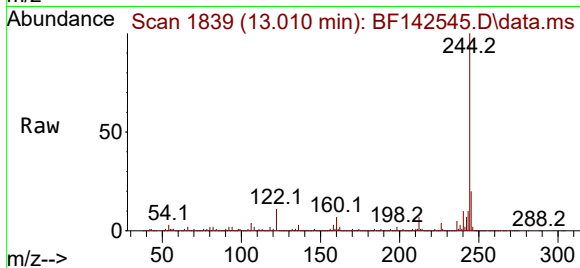
Tgt Ion:244 Resp: 734237

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 49.757 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

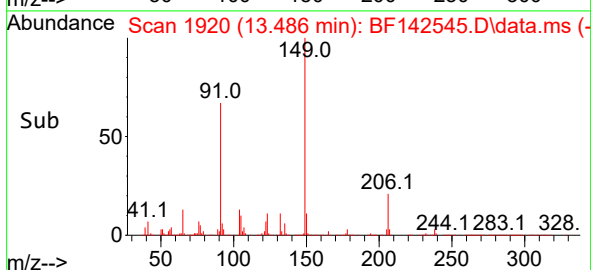
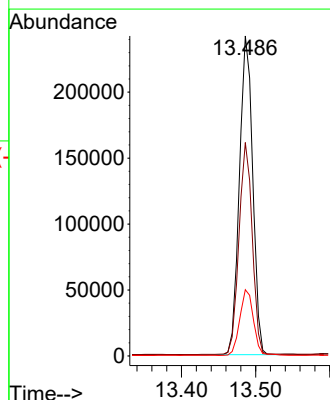
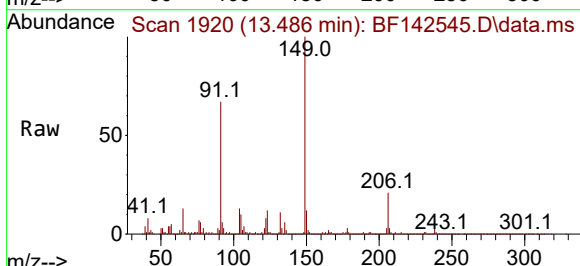
Tgt Ion:149 Resp: 301694

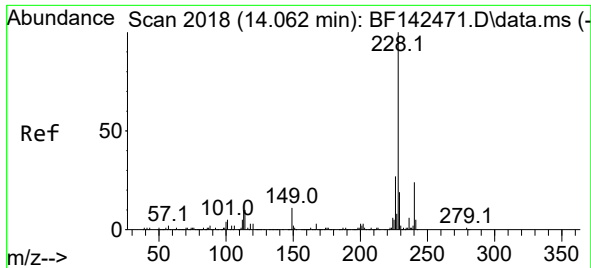
Ion Ratio Lower Upper

149 100

91 66.7 52.9 79.3

206 20.7 16.2 24.2

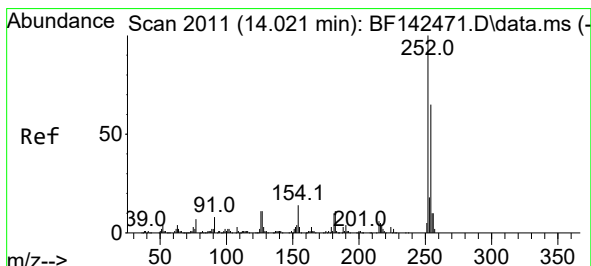
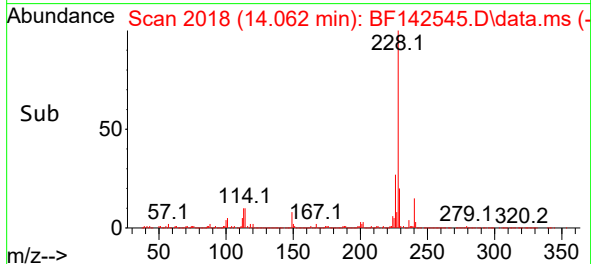
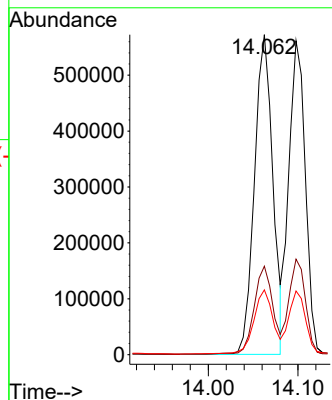
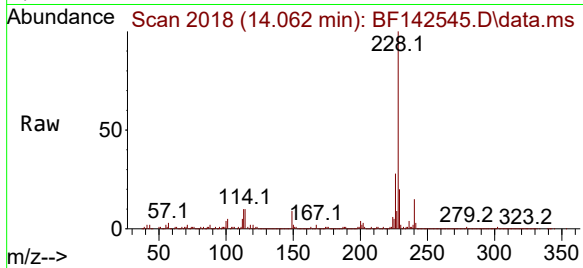




#81
Benzo(a)anthracene
Concen: 51.844 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

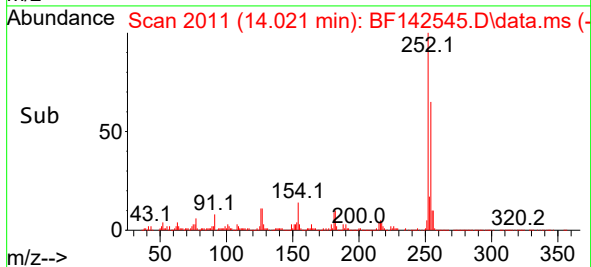
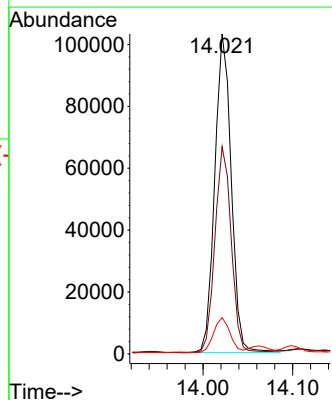
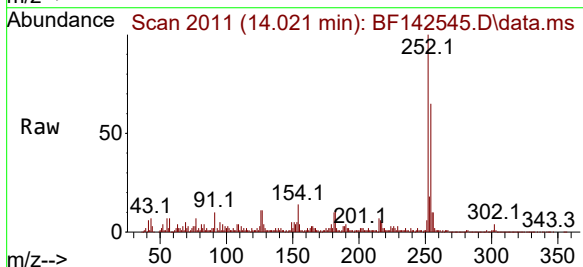
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

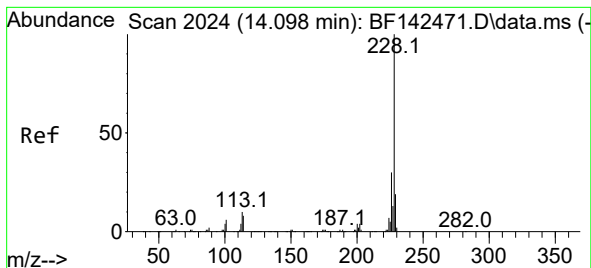
Tgt Ion:228 Resp: 814334
Ion Ratio Lower Upper
228 100
226 27.6 21.2 31.8
229 20.2 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 27.572 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:252 Resp: 131357
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 11.4 8.9 13.3





#83

Chrysene

Concen: 50.658 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

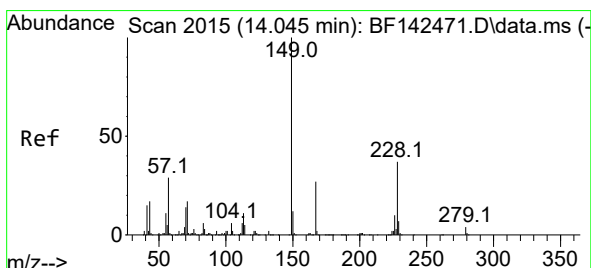
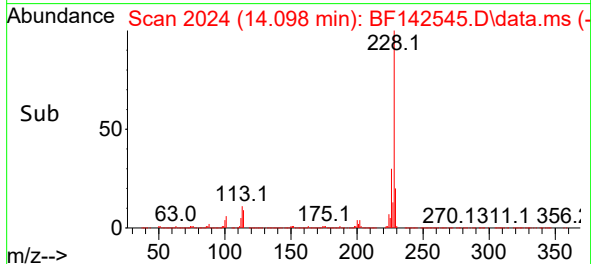
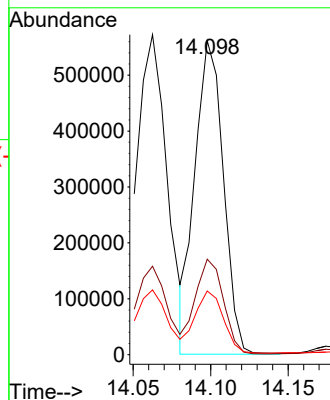
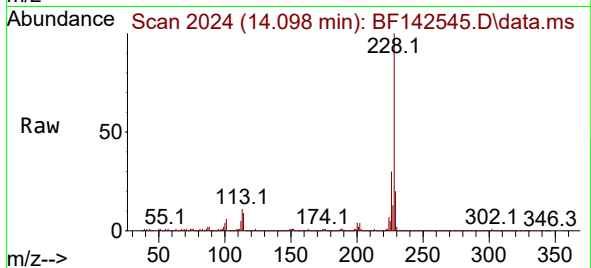
Tgt Ion:228 Resp: 714989

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 20.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.589 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

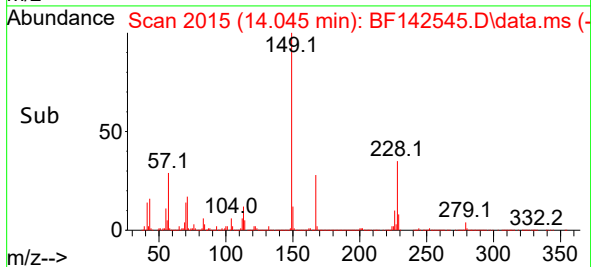
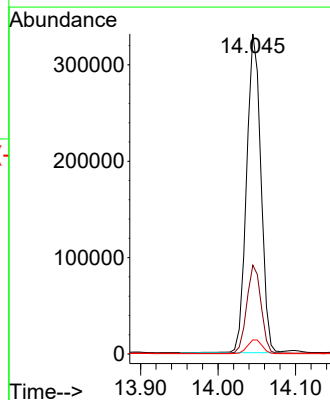
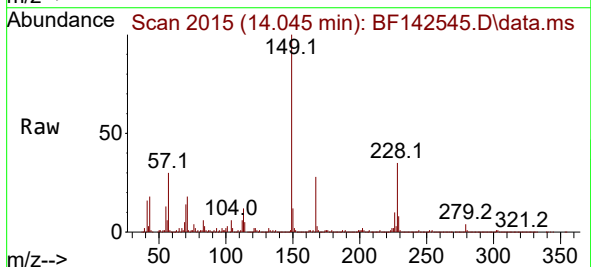
Tgt Ion:149 Resp: 423721

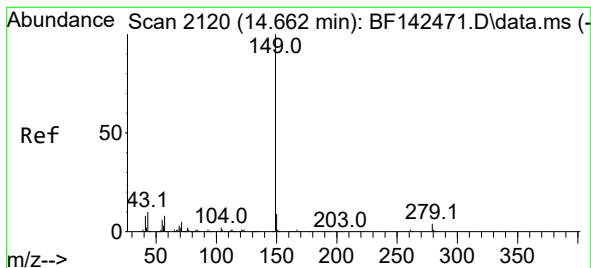
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.429 ng

RT: 14.662 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

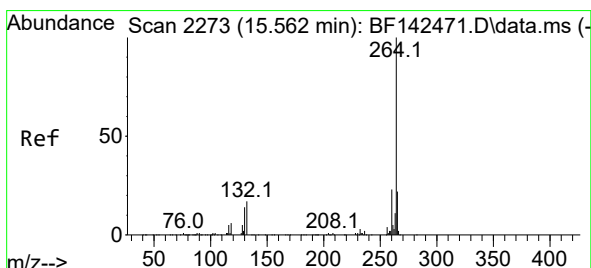
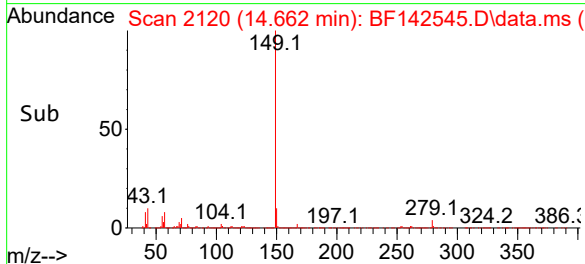
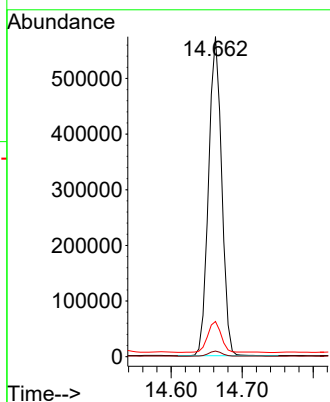
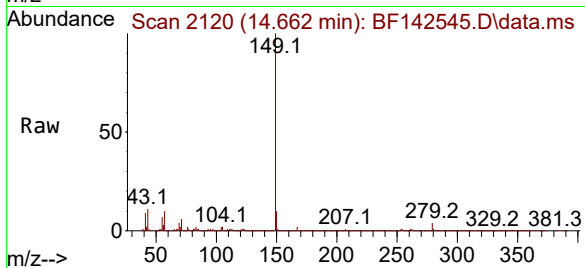
Tgt Ion:149 Resp: 735008

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

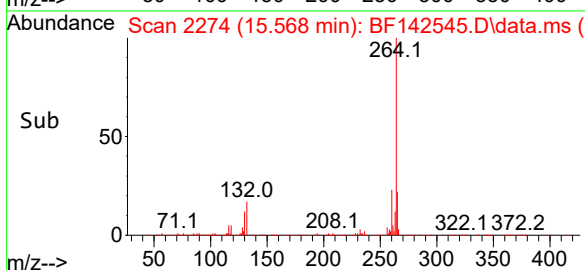
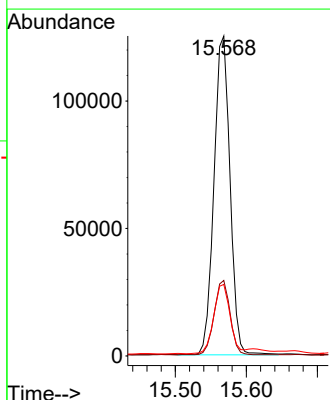
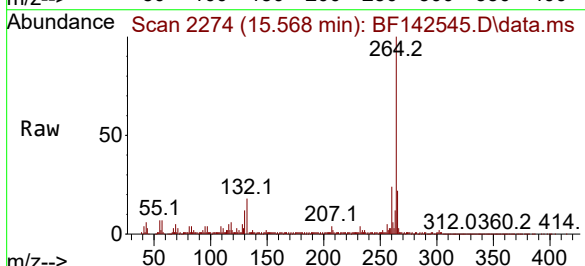
Tgt Ion:264 Resp: 195239

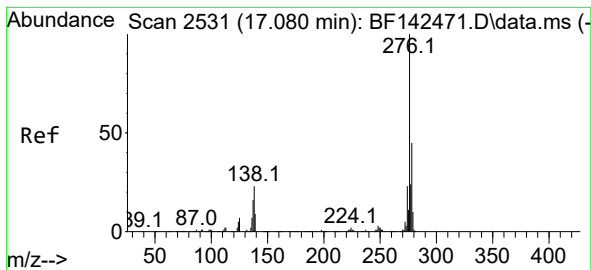
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.283 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

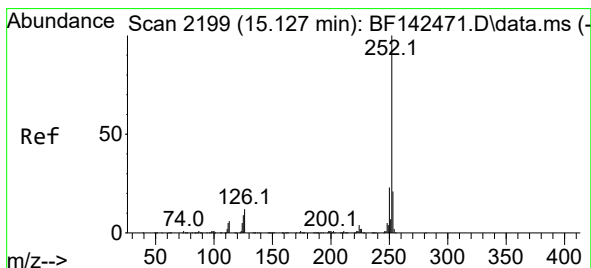
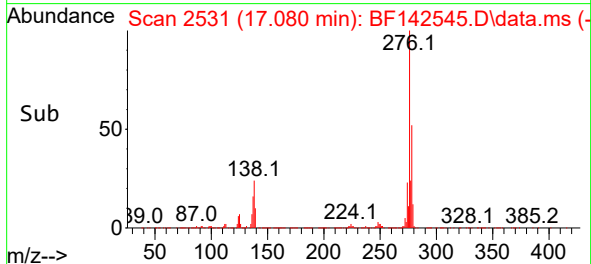
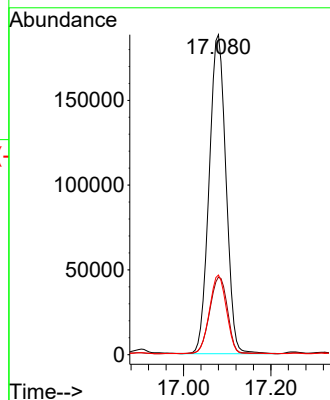
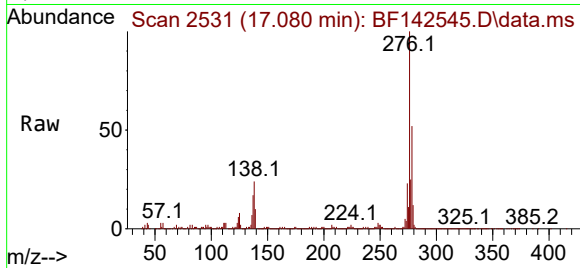
Tgt Ion:276 Resp: 502492

Ion Ratio Lower Upper

276 100

138 25.0 19.9 29.9

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 62.942 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

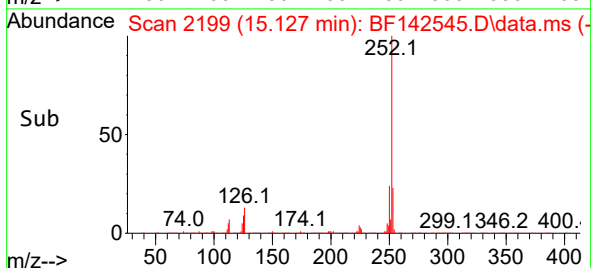
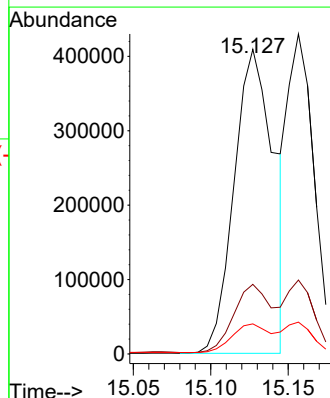
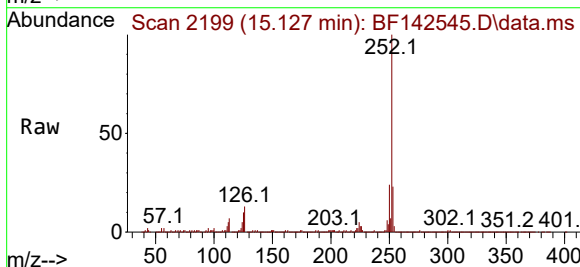
Tgt Ion:252 Resp: 727300

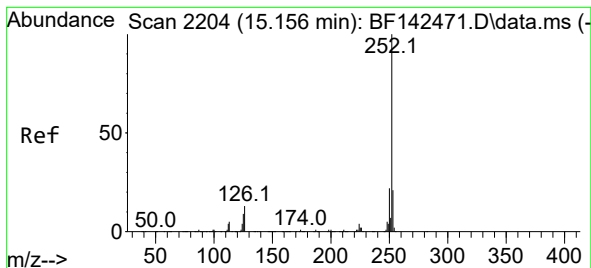
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.744 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

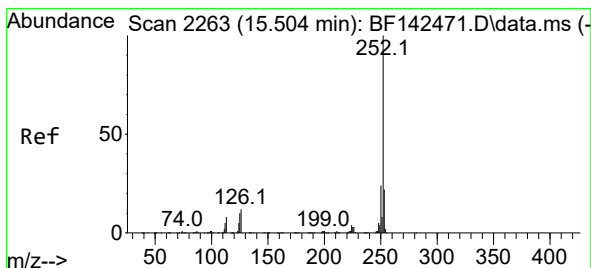
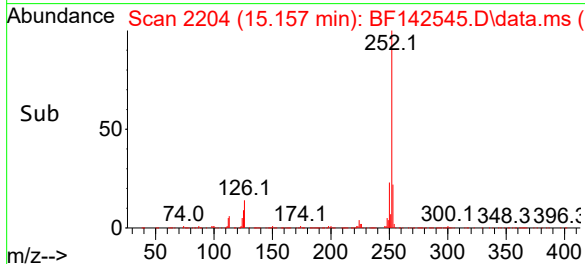
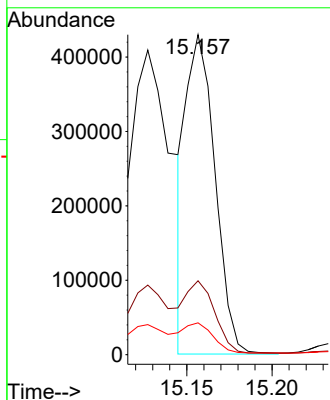
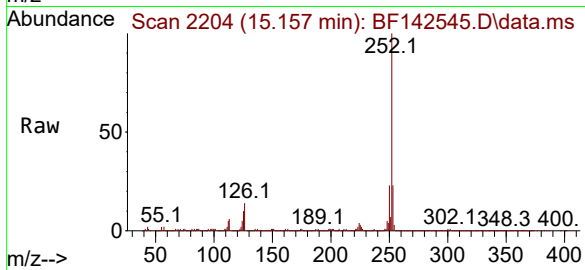
Tgt Ion:252 Resp: 505899

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 9.9 7.3 10.9



#90

Benzo(a)pyrene

Concen: 52.236 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

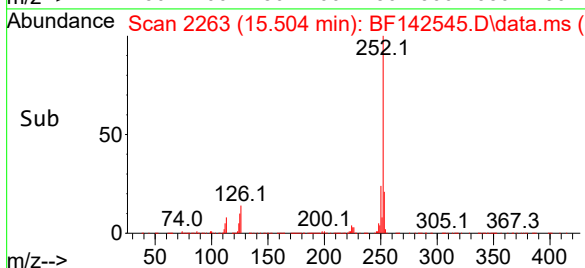
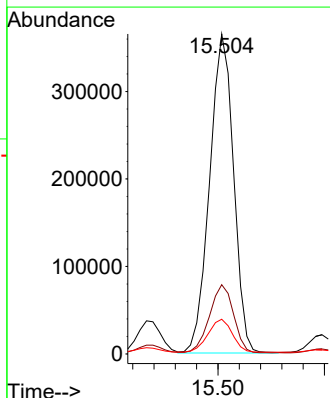
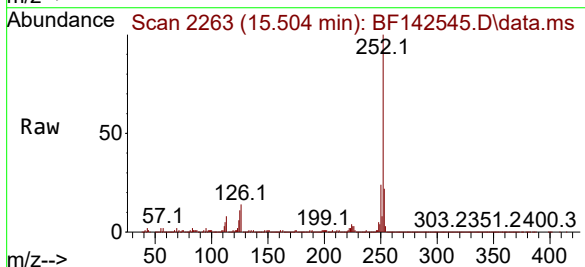
Tgt Ion:252 Resp: 568945

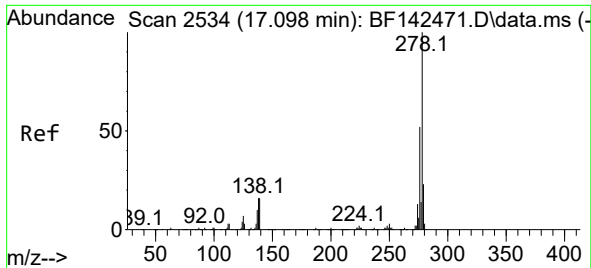
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.8 7.9 11.9

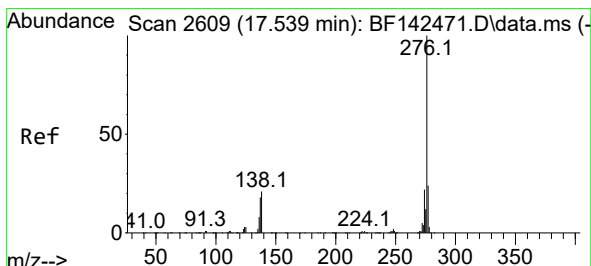
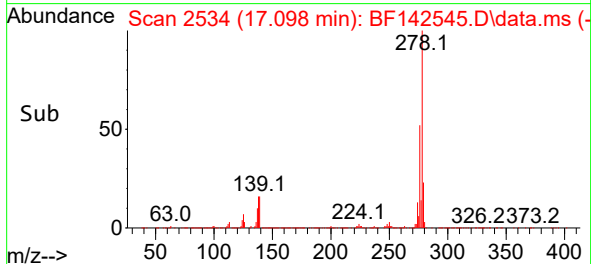
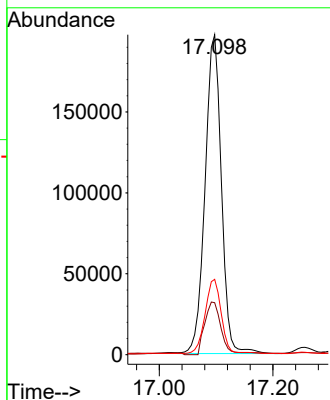
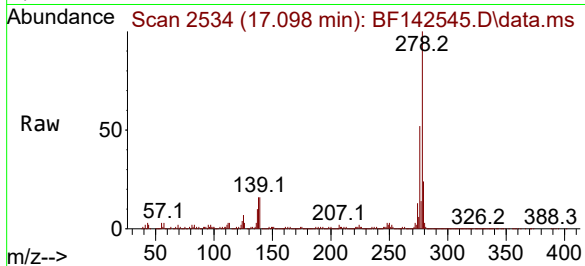




#91
Dibenzo(a,h)anthracene
Concen: 32.962 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

Tgt Ion:278 Resp: 391842
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 33.460 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:276 Resp: 397853
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 22.4 16.8 25.2

