

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142907.D
 Acq On : 30 Jun 2025 09:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 30 10:06:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	62322	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	231666	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	117056	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	191979	20.000	ng	0.00
76) Chrysene-d12	14.057	240	125895	20.000	ng	0.00
86) Perylene-d12	15.545	264	142299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	315896	84.391	ng	0.00
7) Phenol-d6	6.510	99	364470	82.529	ng	0.00
23) Nitrobenzene-d5	7.445	82	410084	97.094	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	99332	82.462	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	839351	94.197	ng	0.00
79) Terphenyl-d14	12.998	244	743230	81.570	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	60382	40.330	ng	99
3) Pyridine	3.399	79	151864	40.460	ng	97
4) n-Nitrosodimethylamine	3.346	42	76752	39.543	ng	98
6) Aniline	6.540	93	239545	40.765	ng	95
8) 2-Chlorophenol	6.663	128	168394	41.704	ng	98
9) Benzaldehyde	6.428	77	92672	35.370	ng	99
10) Phenol	6.522	94	203652	41.485	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	145209	41.387	ng	99
12) 1,3-Dichlorobenzene	6.816	146	190627	42.212	ng	99
13) 1,4-Dichlorobenzene	6.898	146	192126	42.168	ng	99
14) 1,2-Dichlorobenzene	7.045	146	181204	41.931	ng	99
15) Benzyl Alcohol	7.022	79	131071	41.054	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	216850	38.469	ng	95
17) 2-Methylphenol	7.134	107	124399	40.654	ng	99
18) Hexachloroethane	7.387	117	66957	42.015	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	101541	39.533	ng	97
20) 3+4-Methylphenols	7.287	107	156915	41.128	ng	95
22) Acetophenone	7.287	105	212319	41.561	ng	99
24) Nitrobenzene	7.463	77	156099	40.834	ng	98
25) Isophorone	7.698	82	269884	39.834	ng	100
26) 2-Nitrophenol	7.781	139	87880	42.201	ng	98
27) 2,4-Dimethylphenol	7.816	122	147680	40.942	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	173376	40.251	ng	99
29) 2,4-Dichlorophenol	8.022	162	137059	41.906	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	151518	42.130	ng	98
31) Naphthalene	8.187	128	464927	41.000	ng	99
32) Benzoic acid	7.922	122	71739	39.021	ng	98
33) 4-Chloroaniline	8.234	127	184149	39.938	ng	99
34) Hexachlorobutadiene	8.298	225	93018	42.284	ng	99
35) Caprolactam	8.604	113	35548	41.189	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	130720	40.216	ng	100
37) 2-Methylnaphthalene	8.875	142	284887	40.523	ng	100
38) 1-Methylnaphthalene	8.975	142	294177	40.423	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	144263	41.768	ng	99
41) Hexachlorocyclopentadiene	9.028	237	68309	34.851	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	90681	40.291	ng	98

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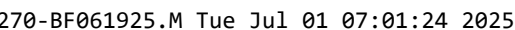
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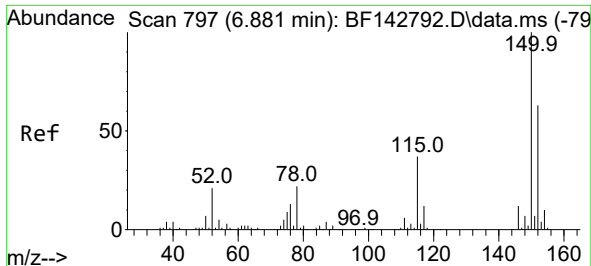
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	97330	41.081	ng	100
46) 1,1'-Biphenyl	9.339	154	384186	41.548	ng	100
47) 2-Chloronaphthalene	9.369	162	287389	41.416	ng	99
48) 2-Nitroaniline	9.463	65	80562	41.412	ng	96
49) Acenaphthylene	9.781	152	467813	40.953	ng	99
50) Dimethylphthalate	9.639	163	312435	41.234	ng	99
51) 2,6-Dinitrotoluene	9.704	165	68650	41.256	ng	98
52) Acenaphthene	9.951	154	285413	40.951	ng	99
53) 3-Nitroaniline	9.875	138	75598	41.264	ng	99
54) 2,4-Dinitrophenol	9.981	184	32040	38.454	ng	98
55) Dibenzofuran	10.128	168	407238	40.748	ng	99
56) 4-Nitrophenol	10.033	139	48008	38.276	ng	94
57) 2,4-Dinitrotoluene	10.110	165	93408	42.261	ng	98
58) Fluorene	10.469	166	316598	40.562	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77884	40.783	ng	98
60) Diethylphthalate	10.339	149	303601	40.866	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	151892	40.781	ng	97
62) 4-Nitroaniline	10.486	138	72382	43.199	ng	98
63) Azobenzene	10.622	77	268451	40.430	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	47645	41.030	ng	98
66) n-Nitrosodiphenylamine	10.581	169	271259	40.769	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	88071	40.309	ng	98
68) Hexachlorobenzene	11.022	284	99469	40.971	ng	96
69) Atrazine	11.104	200	76809	44.704	ng	99
70) Pentachlorophenol	11.216	266	48635	40.202	ng	99
71) Phenanthrene	11.433	178	426456	41.007	ng	100
72) Anthracene	11.486	178	437357	41.006	ng	99
73) Carbazole	11.639	167	390569	42.435	ng	100
74) Di-n-butylphthalate	11.969	149	439340	45.821	ng	100
75) Fluoranthene	12.627	202	421448	42.701	ng	99
77) Benzidine	12.745	184	190945	40.369	ng	99
78) Pyrene	12.857	202	425144	36.027	ng	100
80) Butylbenzylphthalate	13.469	149	155871	45.536	ng	97
81) Benzo(a)anthracene	14.045	228	342180	40.290	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	118151	42.890	ng	99
83) Chrysene	14.080	228	313473	41.364	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	229682	46.636	ng	100
85) Di-n-octyl phthalate	14.639	149	414239	44.605	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	435524	40.182	ng	99
88) Benzo(b)fluoranthene	15.110	252	335120	40.699	ng	100
89) Benzo(k)fluoranthene	15.139	252	330994	42.966	ng	99
90) Benzo(a)pyrene	15.486	252	331094	41.623	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	355675	40.387	ng	99
92) Benzo(g,h,i)perylene	17.521	276	354249	40.339	ng	99

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

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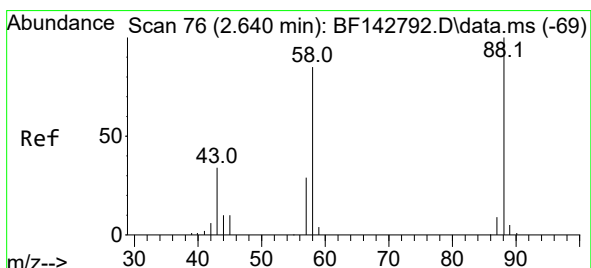
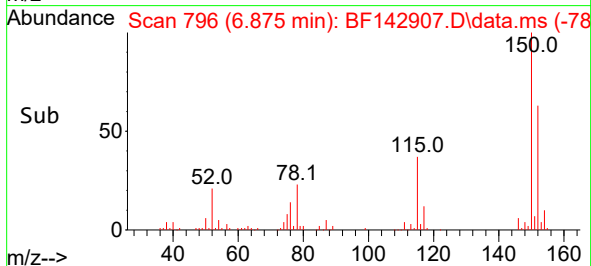
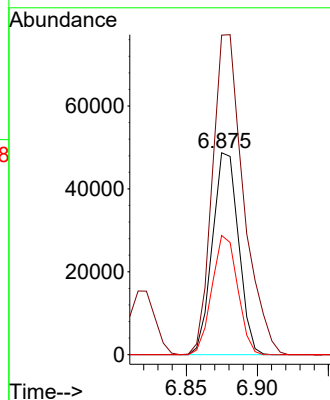
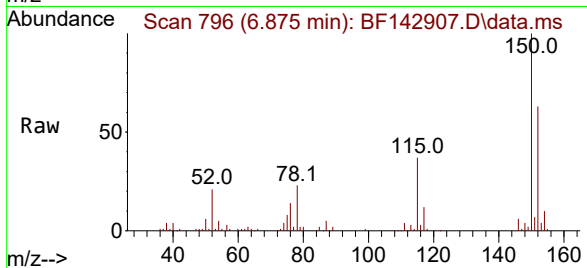




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142907.D
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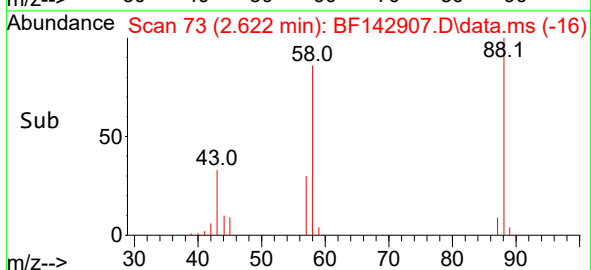
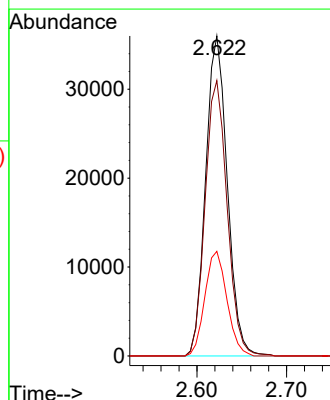
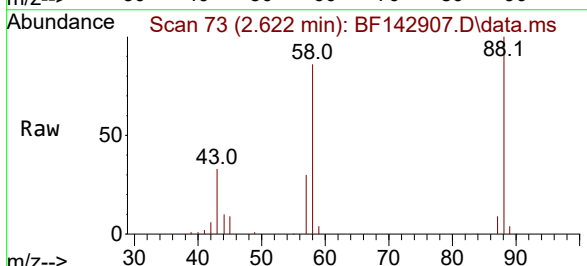
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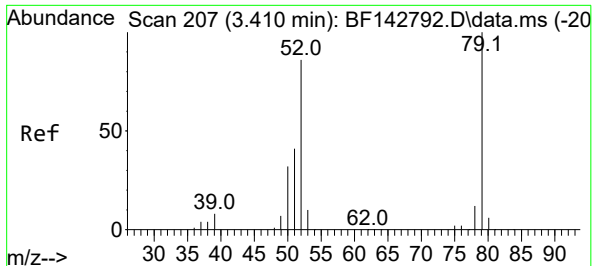
Tgt Ion:152 Resp: 62322
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.2 190.8
 115 59.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 40.330 ng
 RT: 2.622 min Scan# 73
 Delta R.T. -0.018 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

Tgt Ion: 88 Resp: 60382
 Ion Ratio Lower Upper
 88 100
 58 87.4 69.1 103.7
 43 33.3 27.4 41.2

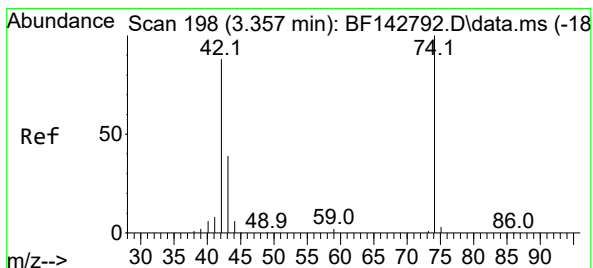
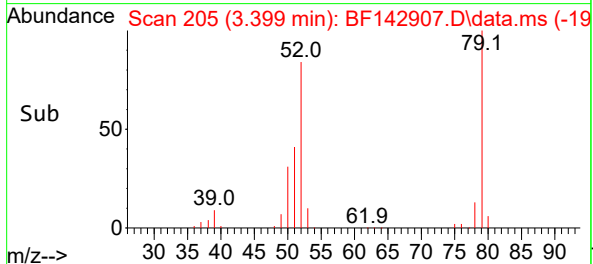
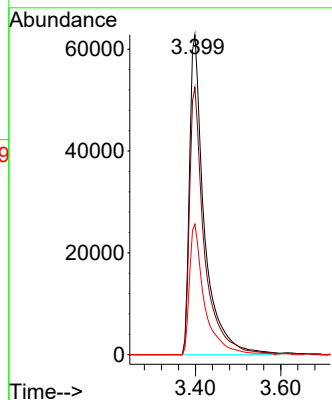
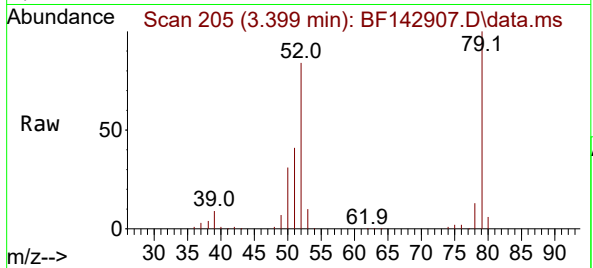




#3
Pyridine
Concen: 40.460 ng
RT: 3.399 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

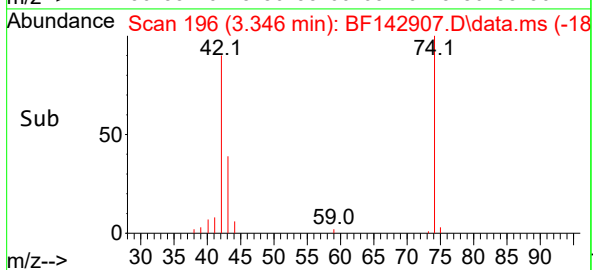
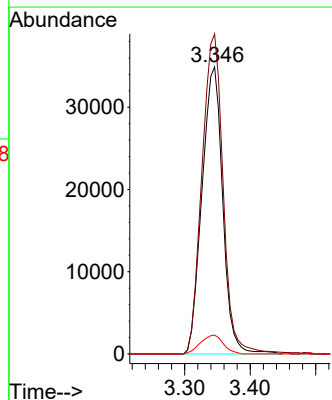
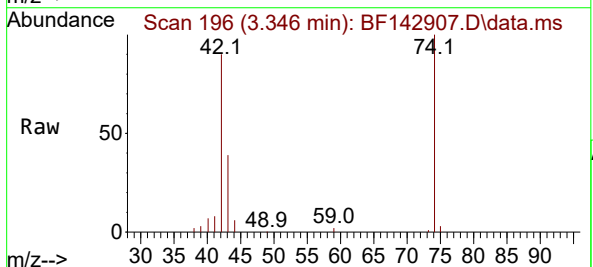
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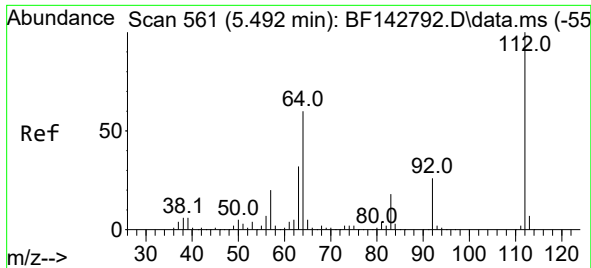
Tgt Ion: 79 Resp: 151864
Ion Ratio Lower Upper
79 100
52 83.6 69.2 103.8
51 40.8 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 39.543 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion: 42 Resp: 76752
Ion Ratio Lower Upper
42 100
74 111.5 90.9 136.3
44 6.6 5.8 8.6

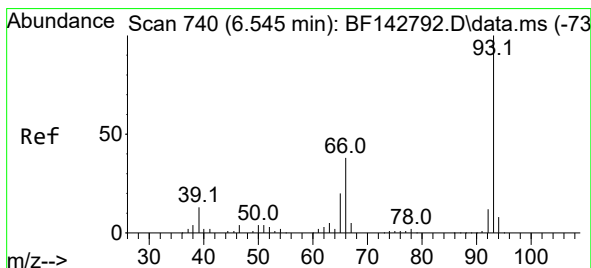
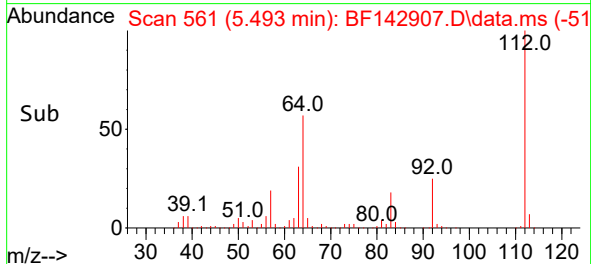
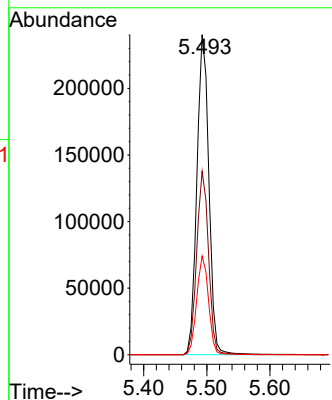
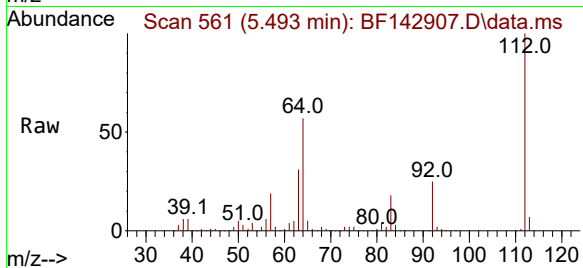




#5
2-Fluorophenol
Concen: 84.391 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

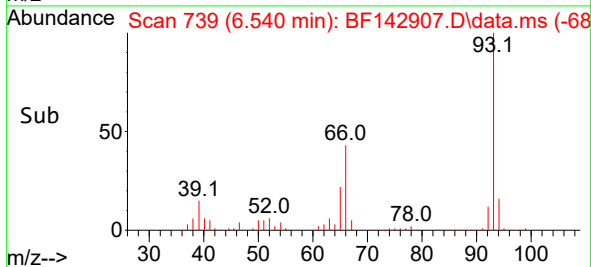
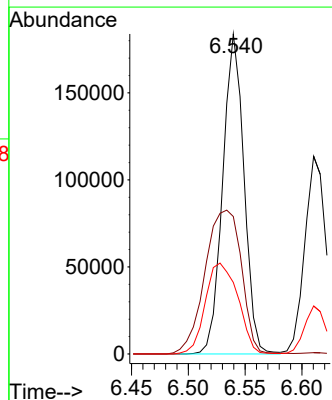
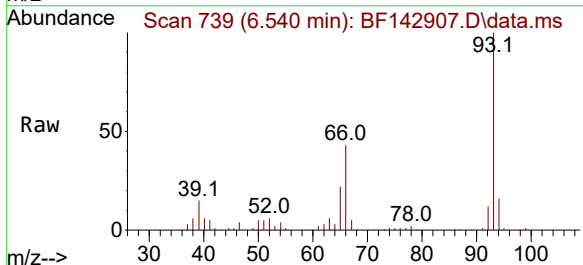
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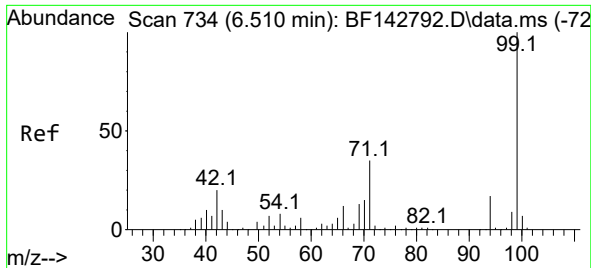
Tgt Ion:112 Resp: 315896
Ion Ratio Lower Upper
112 100
64 57.3 48.2 72.2
63 30.9 25.7 38.5



#6
Aniline
Concen: 40.765 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion: 93 Resp: 239545
Ion Ratio Lower Upper
93 100
66 43.0 31.8 47.6
65 22.3 16.2 24.2

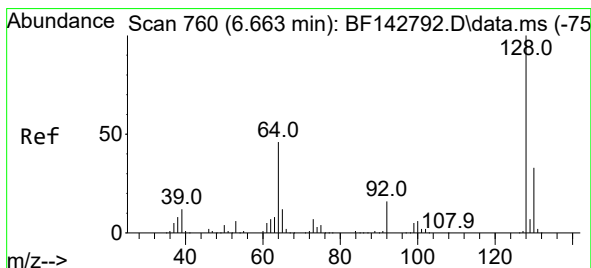
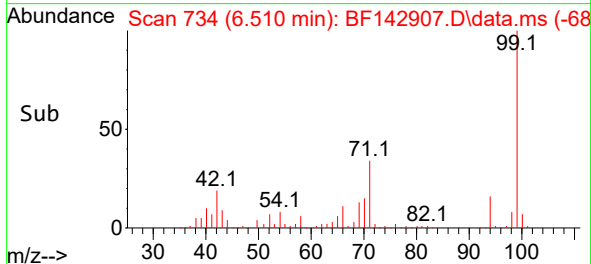
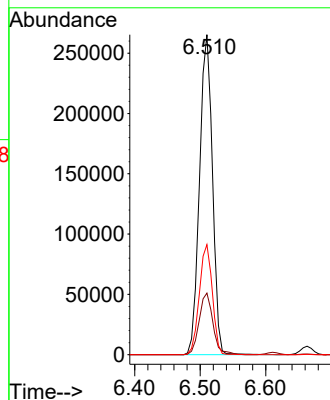
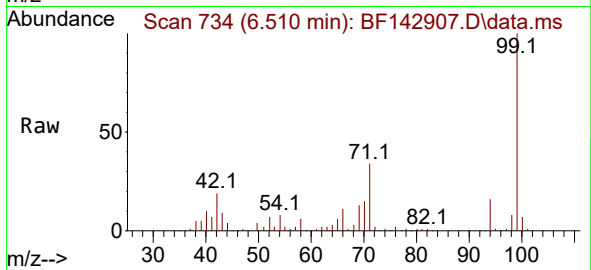




#7
Phenol-d6
Concen: 82.529 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

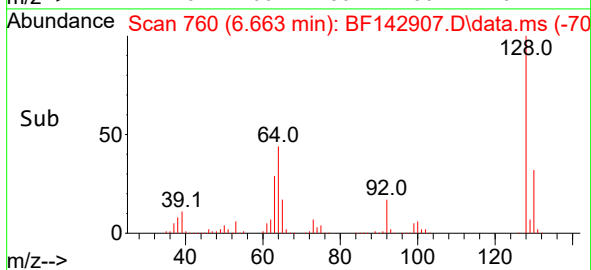
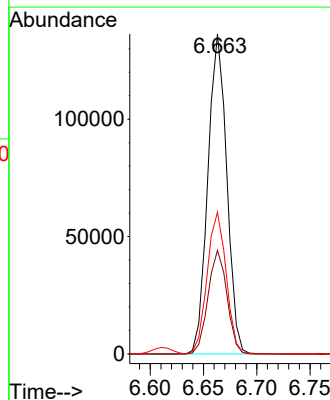
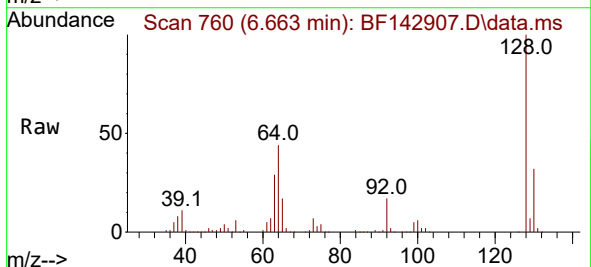
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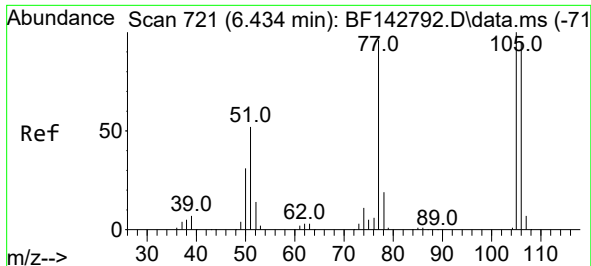
Tgt Ion: 99 Resp: 364470
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 34.4 27.8 41.8



#8
2-Chlorophenol
Concen: 41.704 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion: 128 Resp: 168394
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 44.3 26.5 66.5

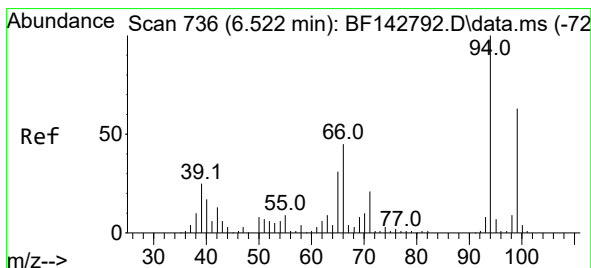
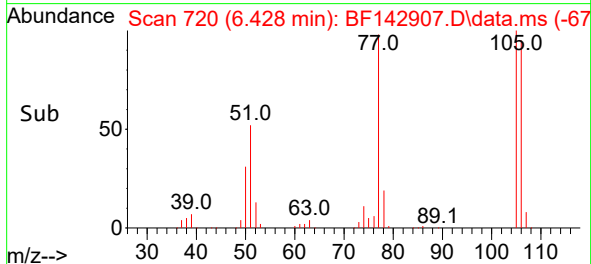
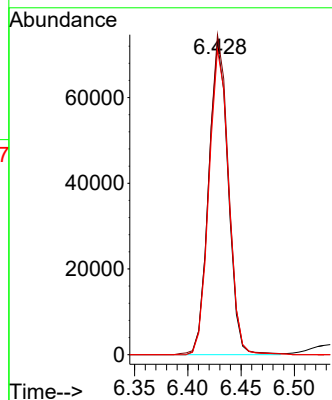
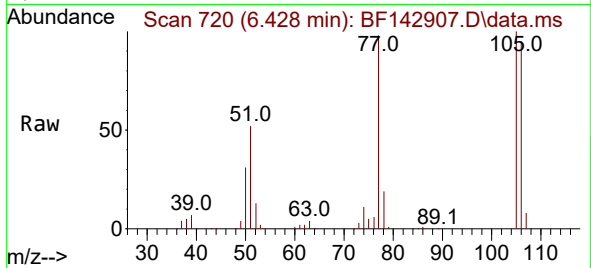




#9
Benzaldehyde
Concen: 35.370 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

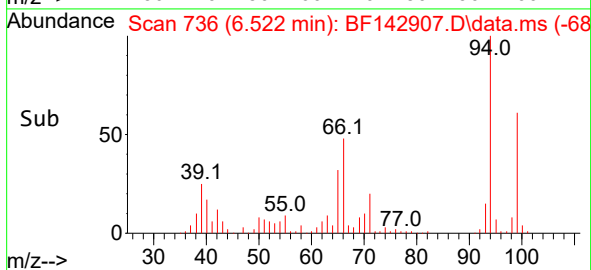
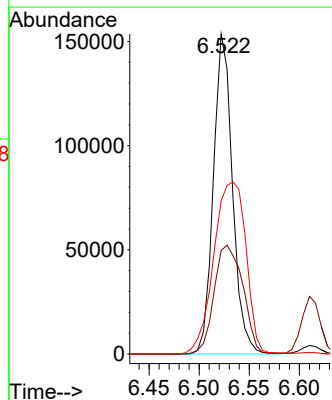
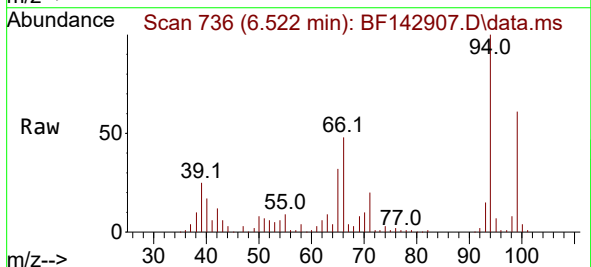
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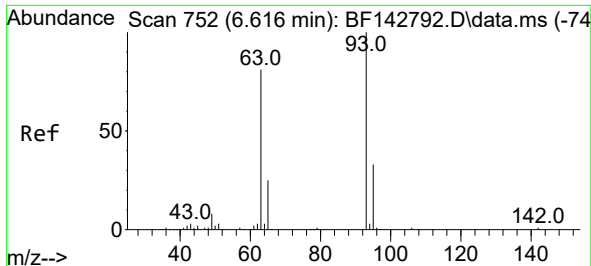
Tgt Ion: 77	Resp: 92672
Ion Ratio	Lower Upper
77 100	
105 102.4	83.8 123.8
106 97.6	78.7 118.7



#10
Phenol
Concen: 41.485 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion: 94	Resp: 203652
Ion Ratio	Lower Upper
94 100	
65 32.3	11.3 51.3
66 47.8	24.9 64.9





#11

bis(2-Chloroethyl)ether

Concen: 41.387 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

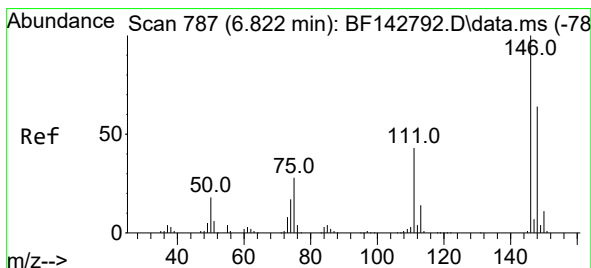
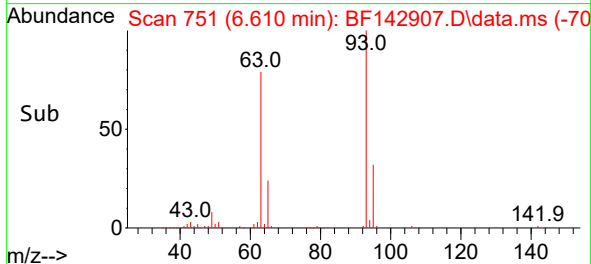
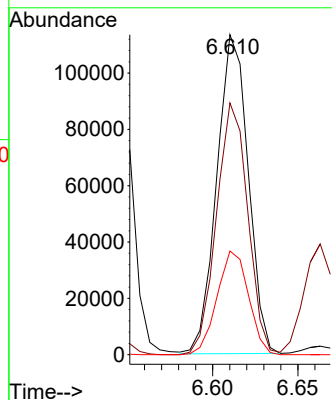
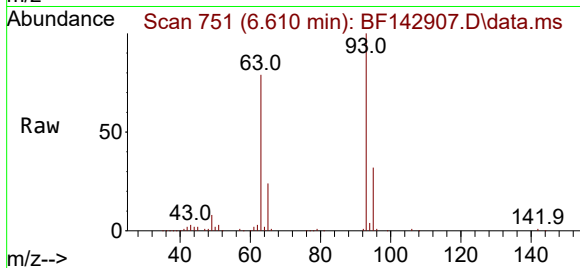
Tgt Ion: 93 Resp: 145209

Ion Ratio Lower Upper

93 100

63 78.6 60.3 100.3

95 32.4 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 42.212 ng

RT: 6.816 min Scan# 786

Delta R.T. -0.006 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

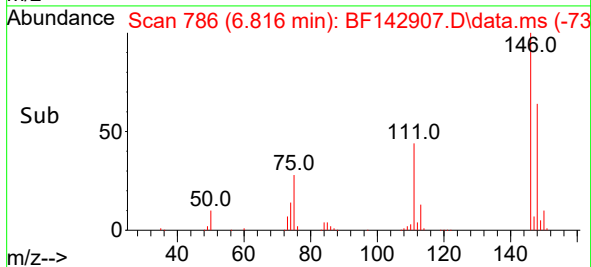
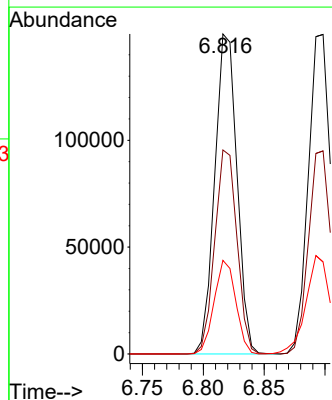
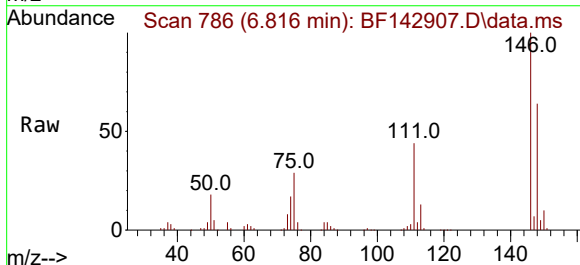
Tgt Ion:146 Resp: 190627

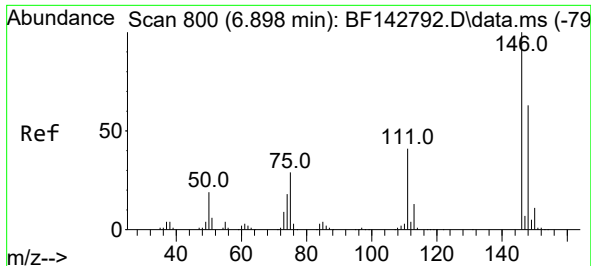
Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

75 29.3 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.168 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

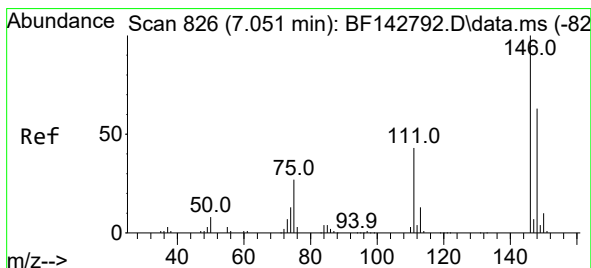
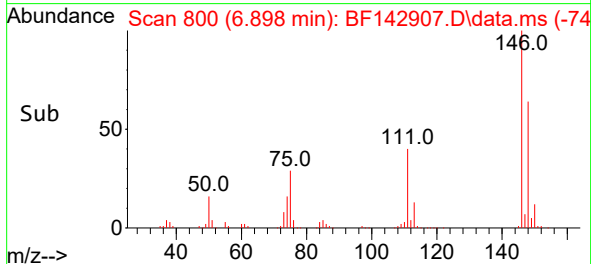
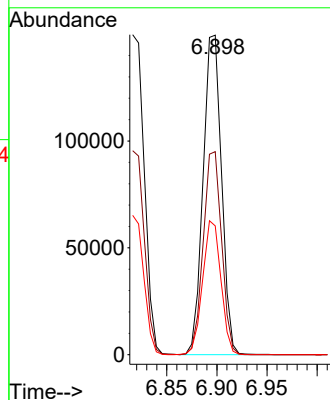
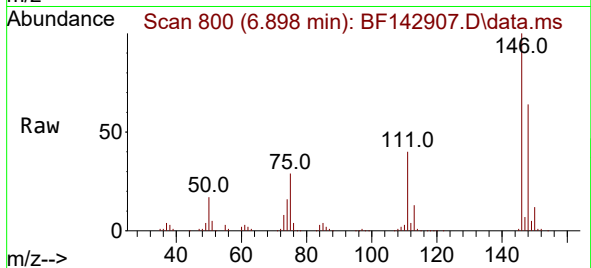
Tgt Ion:146 Resp: 192126

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 40.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 41.931 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

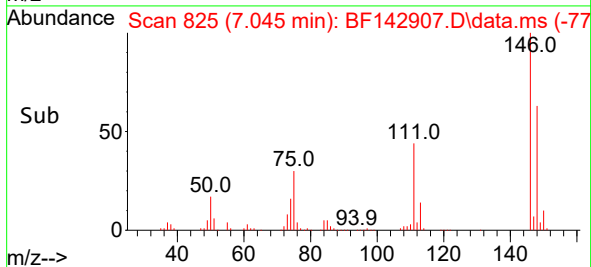
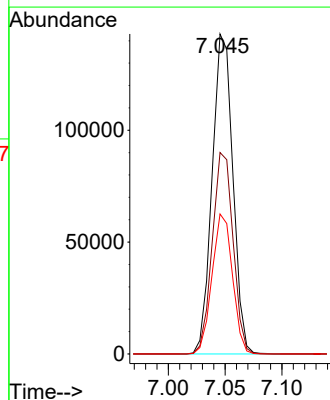
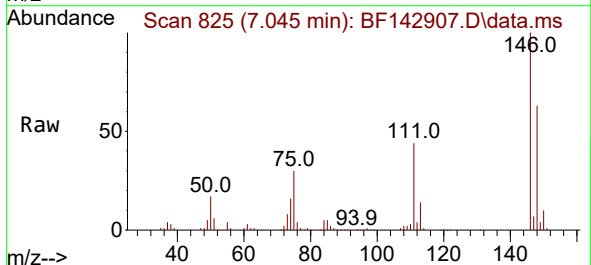
Tgt Ion:146 Resp: 181204

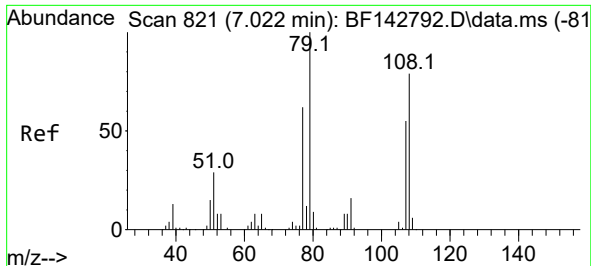
Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

111 43.8 34.1 51.1

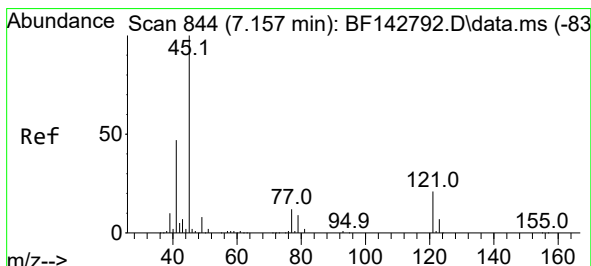
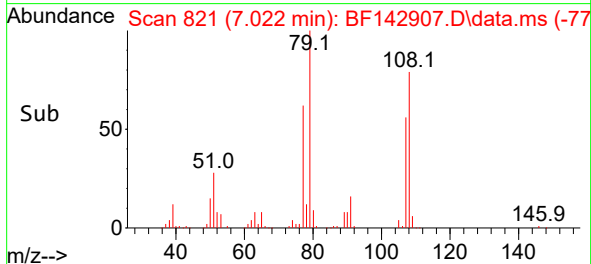
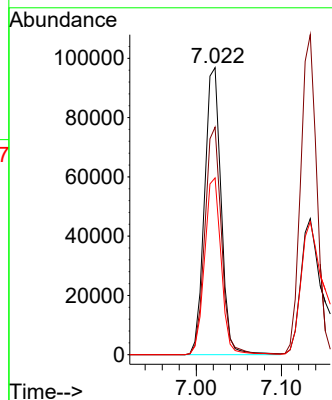
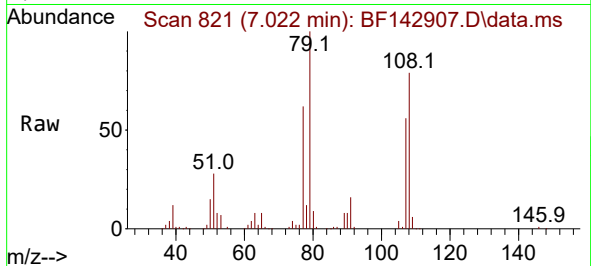




#15
Benzyl Alcohol
Concen: 41.054 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

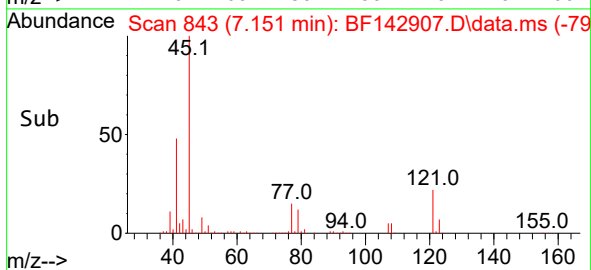
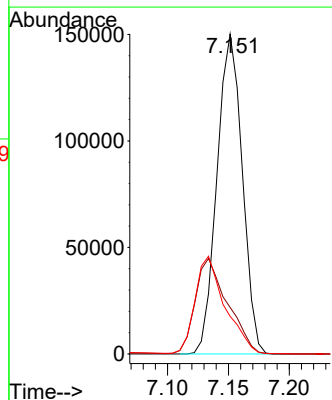
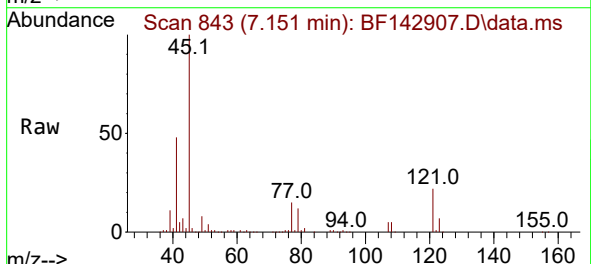
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

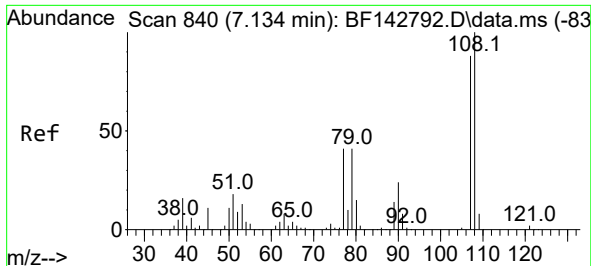
Tgt Ion: 79 Resp: 131071
Ion Ratio Lower Upper
79 100
108 79.2 63.4 95.0
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.469 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion: 45 Resp: 216850
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.8
79 11.8 0.0 29.8

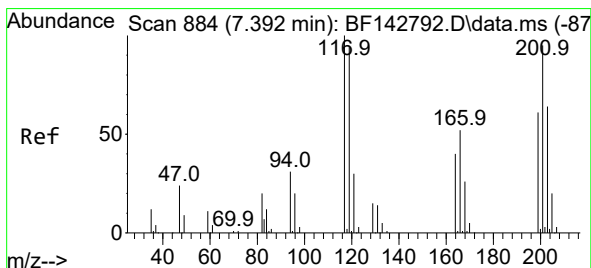
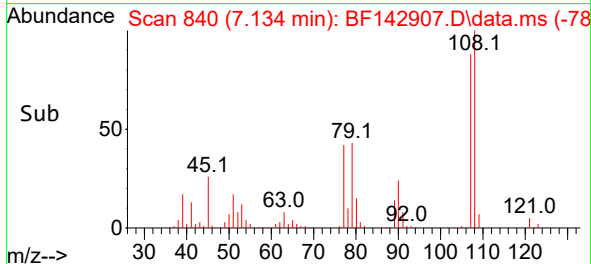
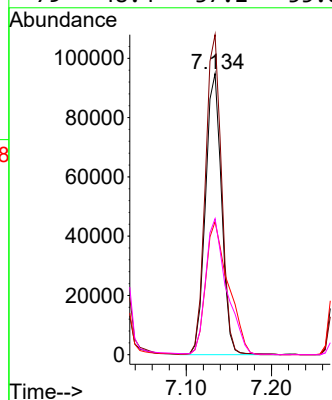
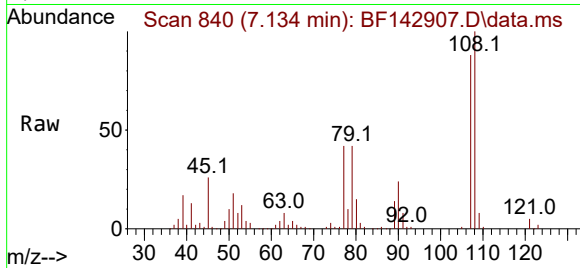




#17
2-Methylphenol
Concen: 40.654 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

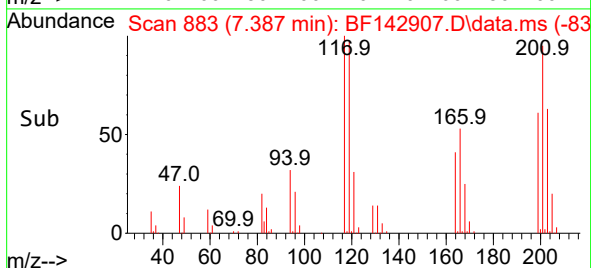
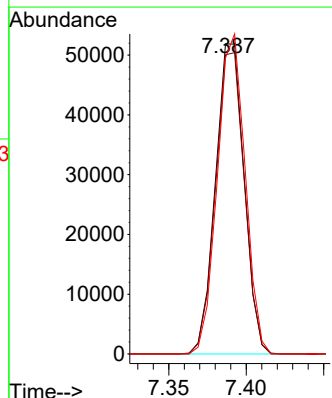
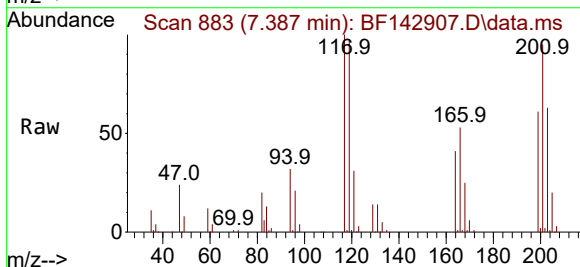
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

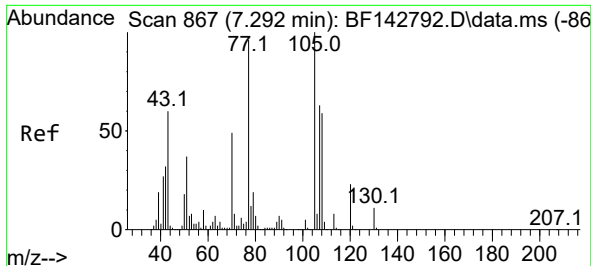
Tgt Ion:	107	Resp:	124399
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	47.3	37.3	55.9
79	48.4	37.2	55.8



#18
Hexachloroethane
Concen: 42.015 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:	117	Resp:	66957
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
201	95.4	75.9	113.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.533 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF142907.D

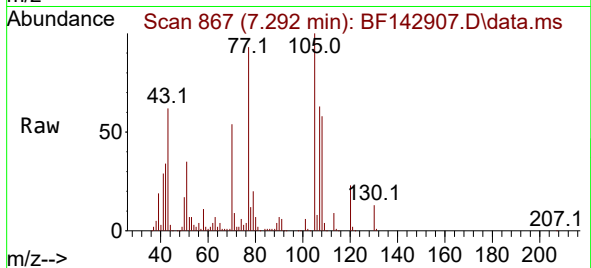
Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

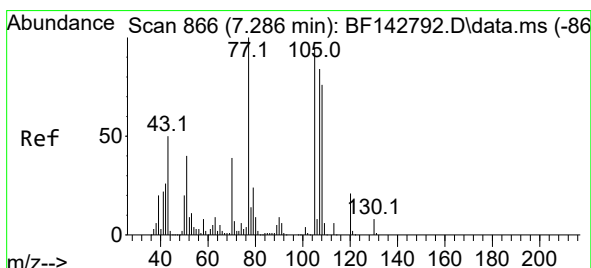
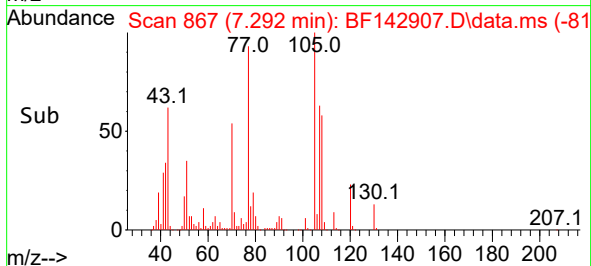
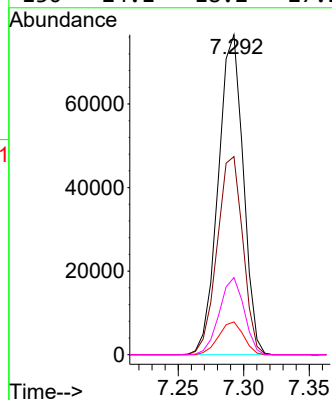
ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 101541

Ion	Ratio	Lower	Upper
70	100		
42	61.9	52.1	78.1
101	10.2	8.2	12.2
130	24.1	18.2	27.2



#20

3+4-Methylphenols

Concen: 41.128 ng

RT: 7.287 min Scan# 866

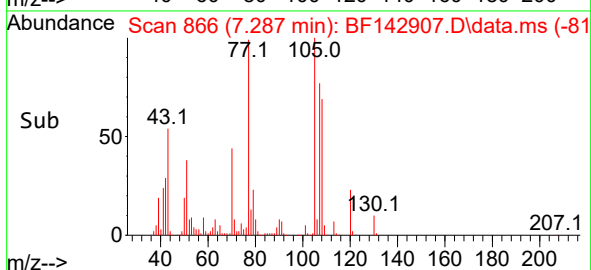
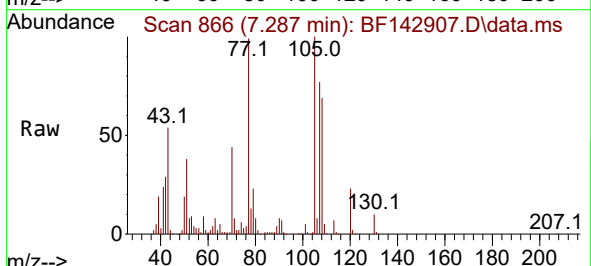
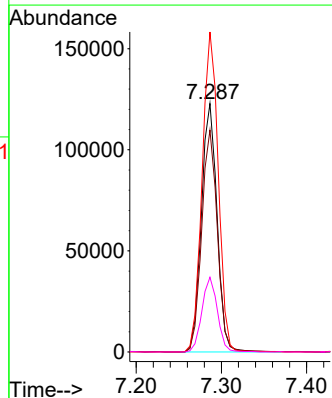
Delta R.T. 0.000 min

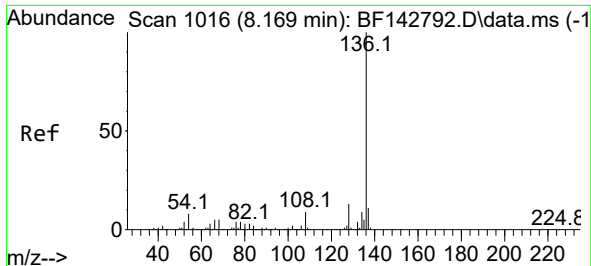
Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Tgt Ion: 107 Resp: 156915

Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	128.8	98.5	138.5
79	30.0	8.8	48.8

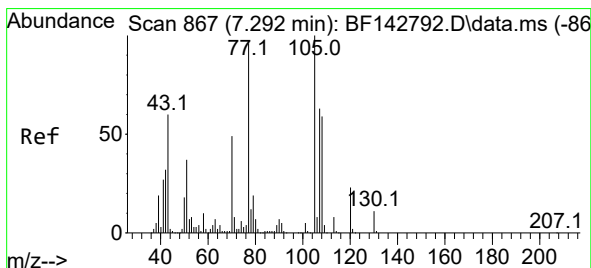
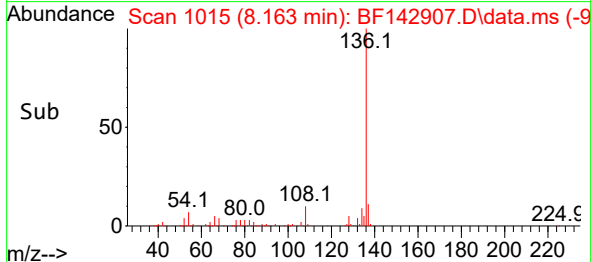
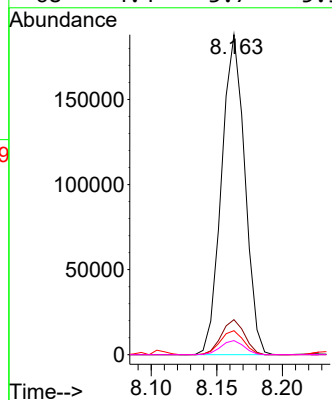
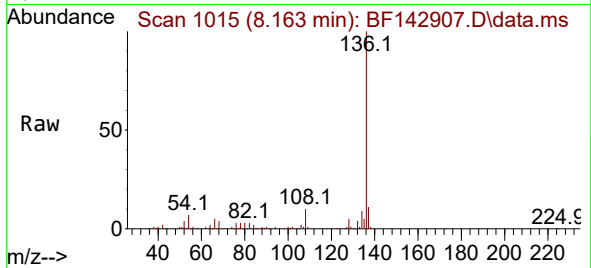




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

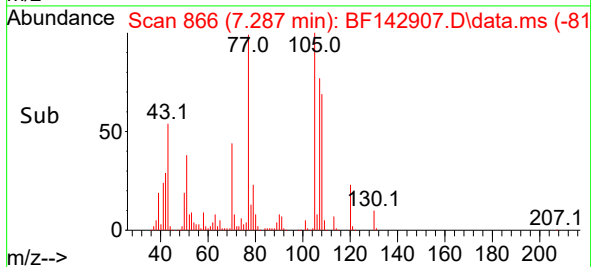
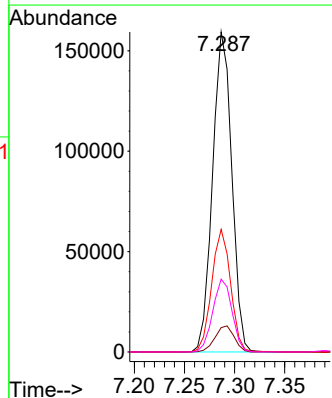
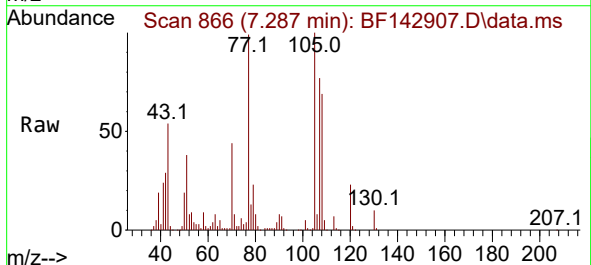
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

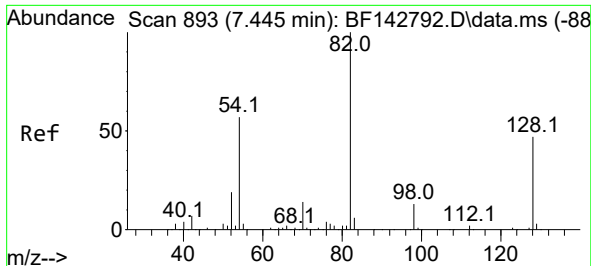
Tgt Ion:136 Resp: 231666
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.5 6.3 9.5
68 4.4 3.7 5.5



#22
Acetophenone
Concen: 41.561 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:105 Resp: 212319
Ion Ratio Lower Upper
105 100
71 7.6 6.5 9.7
51 38.3 29.8 44.8
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 97.094 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

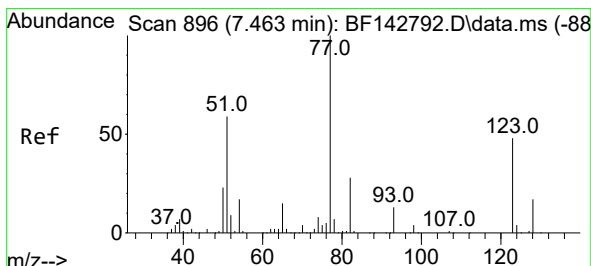
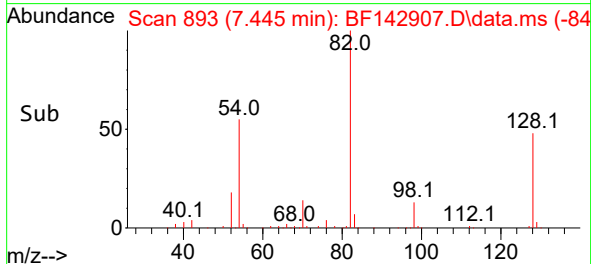
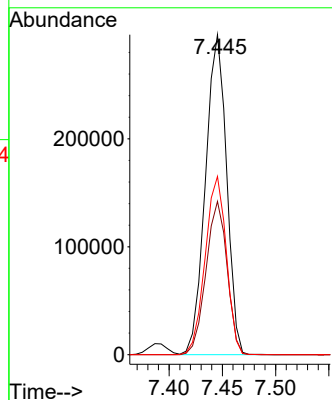
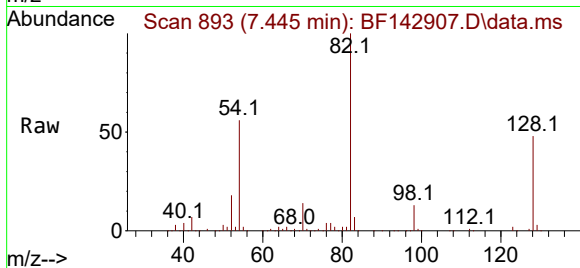
Tgt Ion: 82 Resp: 410084

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 55.7 45.7 68.5



#24

Nitrobenzene

Concen: 40.834 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

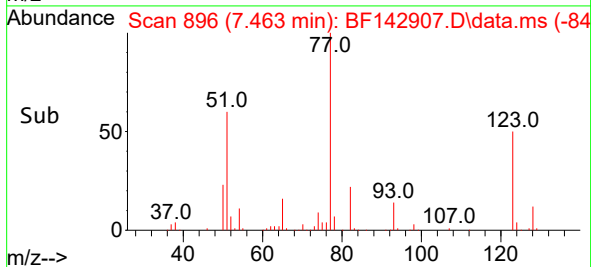
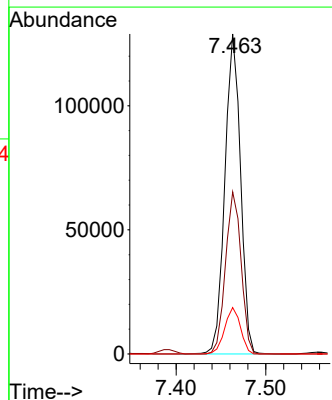
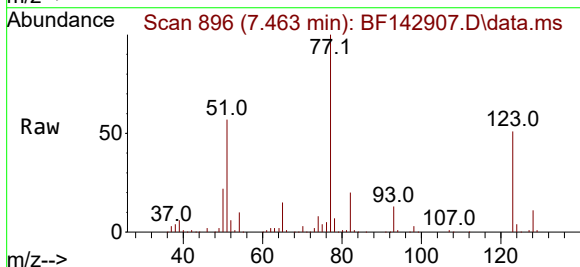
Tgt Ion: 77 Resp: 156099

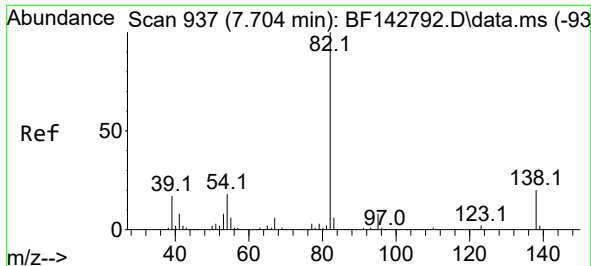
Ion Ratio Lower Upper

77 100

123 50.6 39.2 58.8

65 14.5 11.6 17.4

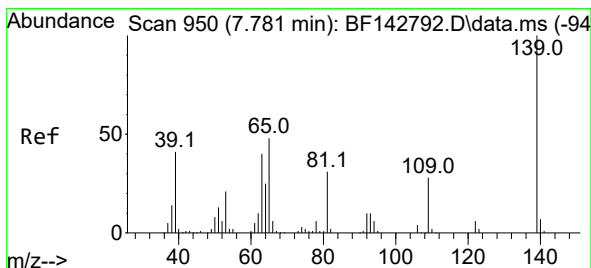
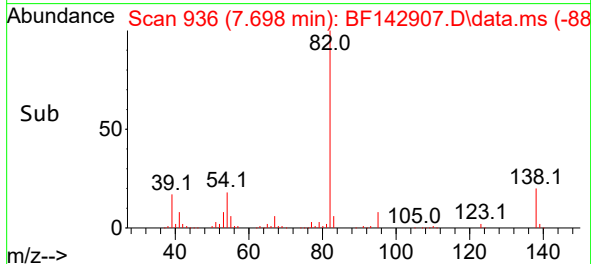
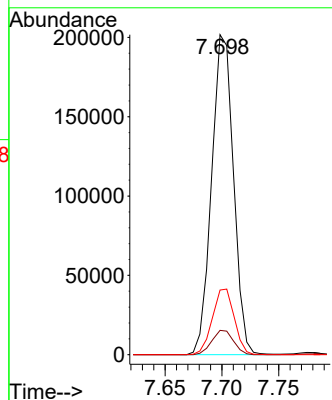
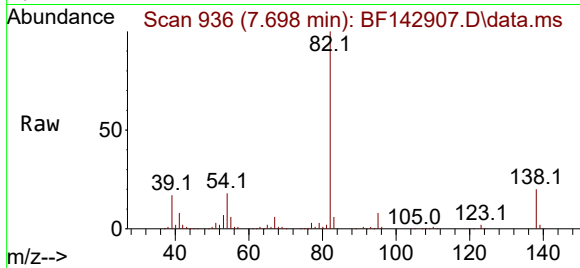




#25
Isophorone
Concen: 39.834 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

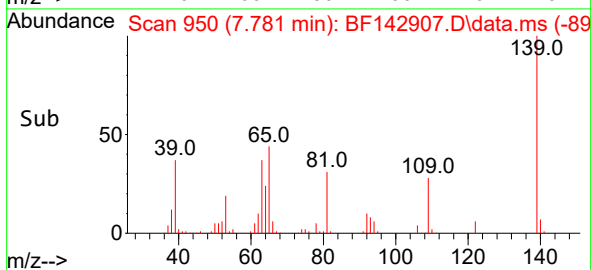
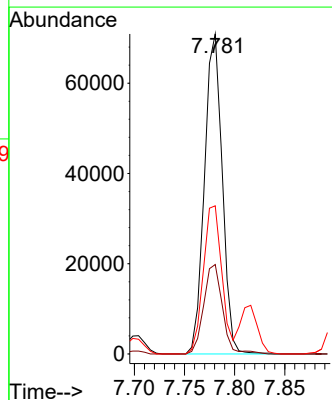
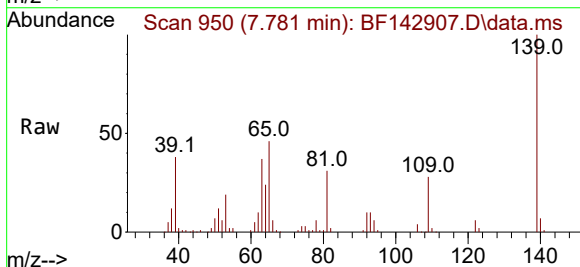
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

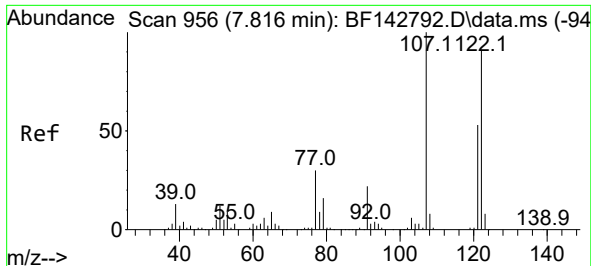
Tgt Ion: 82 Resp: 269884
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 42.201 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:139 Resp: 87880
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 46.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 40.942 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

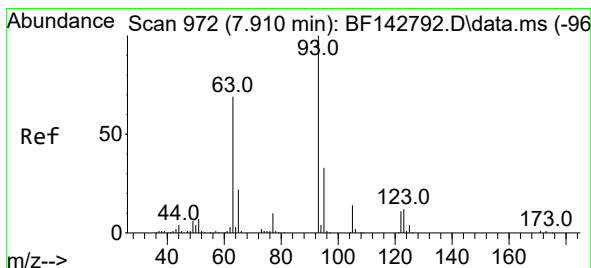
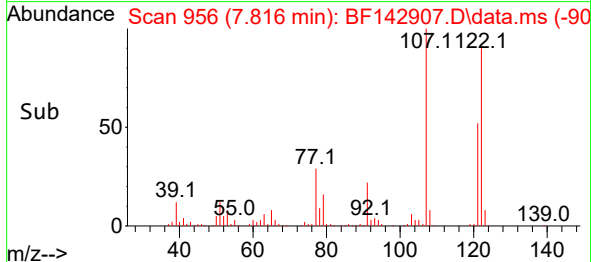
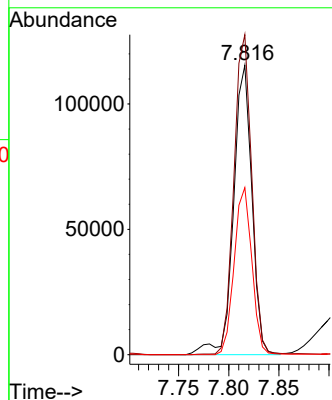
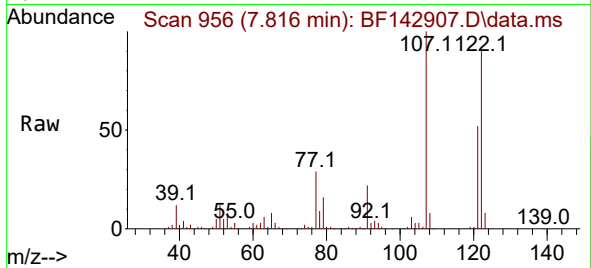
Tgt Ion:122 Resp: 147680

Ion Ratio Lower Upper

122 100

107 110.6 88.0 132.0

121 57.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.251 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

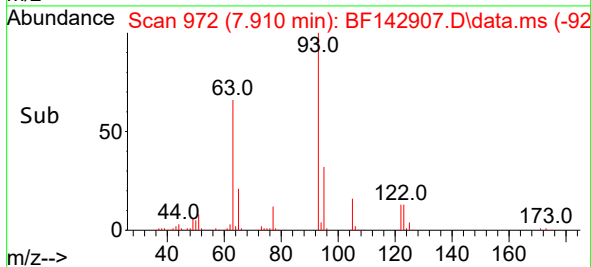
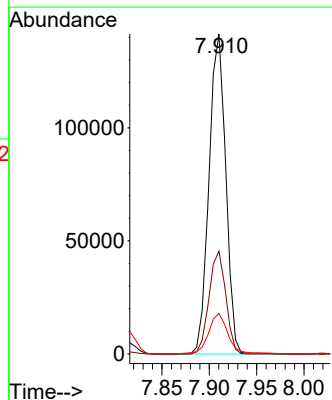
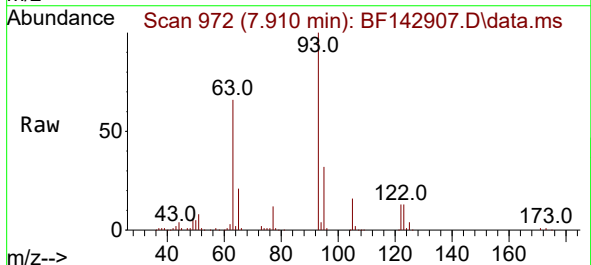
Tgt Ion: 93 Resp: 173376

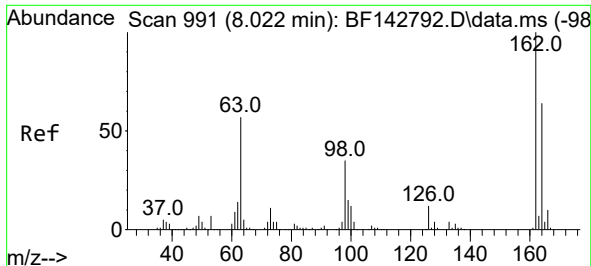
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.906 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

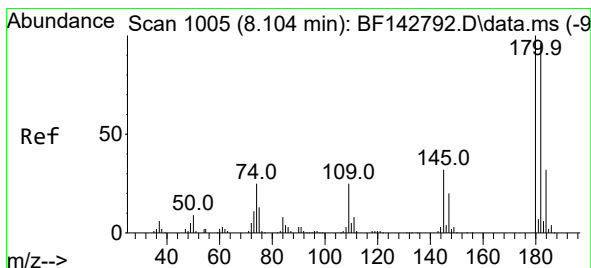
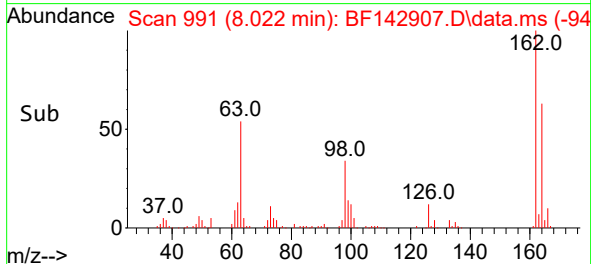
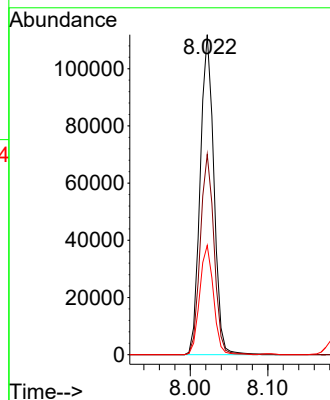
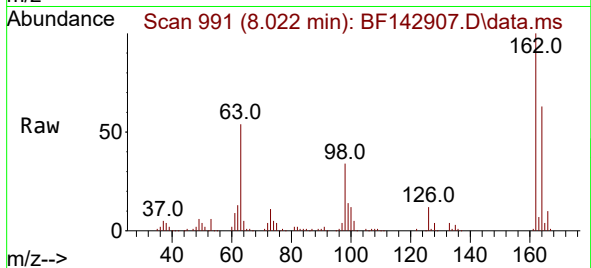
Tgt Ion:162 Resp: 137059

Ion Ratio Lower Upper

162 100

164 62.6 44.0 84.0

98 34.1 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.130 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

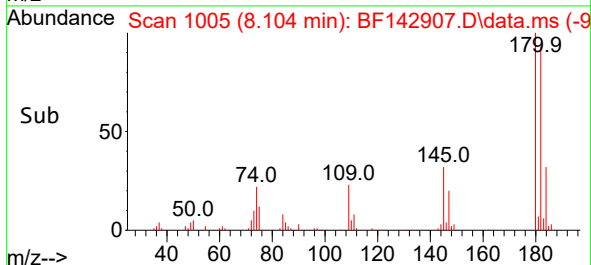
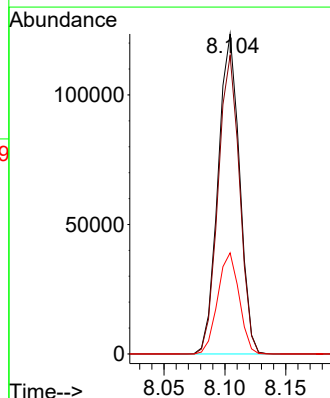
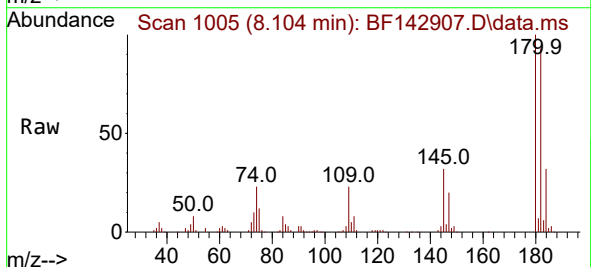
Tgt Ion:180 Resp: 151518

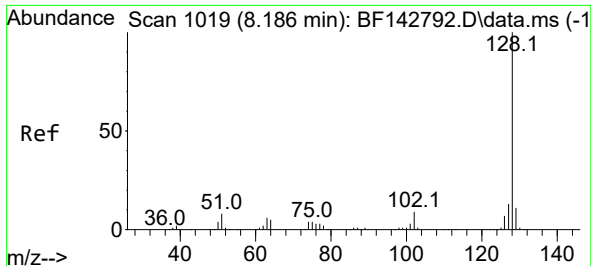
Ion Ratio Lower Upper

180 100

182 93.3 76.4 114.6

145 31.6 25.8 38.8

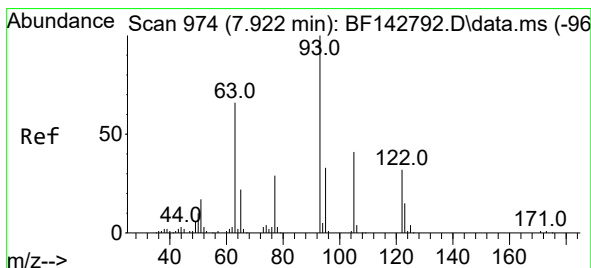
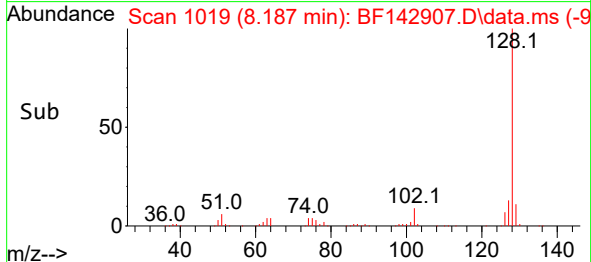
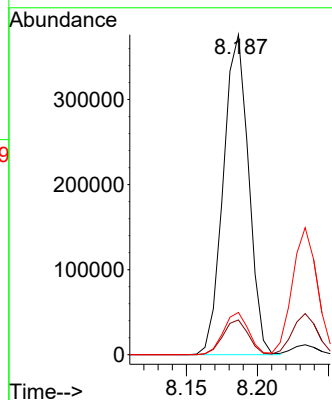
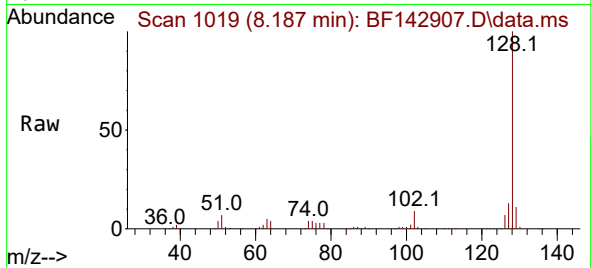




#31
Naphthalene
Concen: 41.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

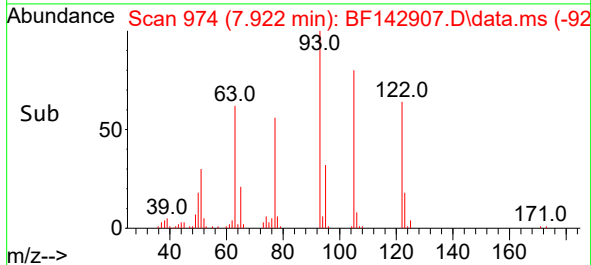
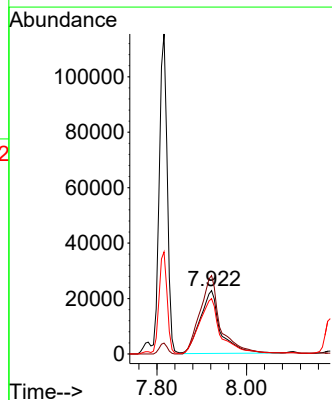
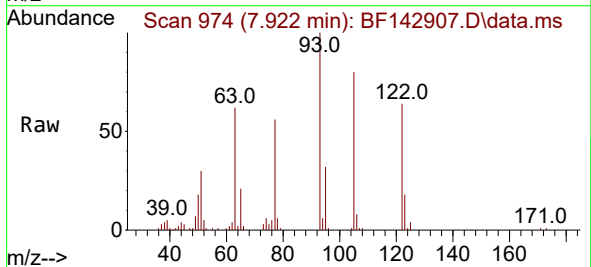
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

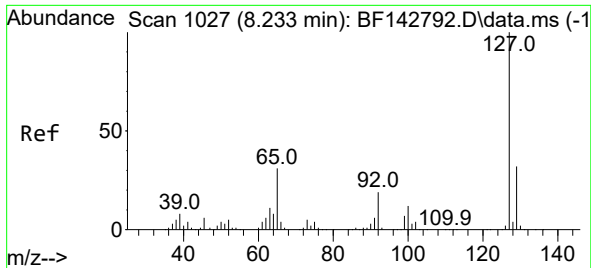
Tgt Ion:128 Resp: 464927
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 39.021 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:122 Resp: 71739
Ion Ratio Lower Upper
122 100
105 123.6 104.7 144.7
77 87.3 70.2 110.2

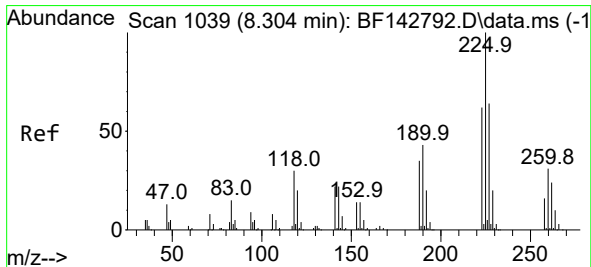
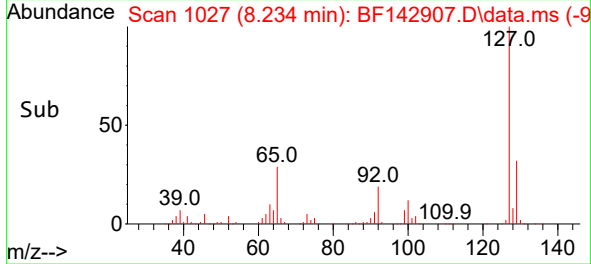
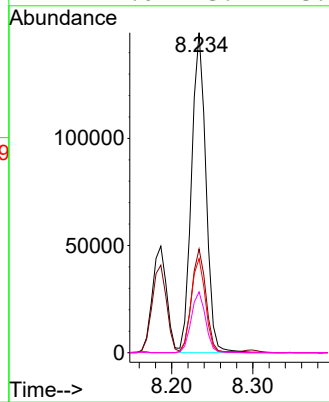
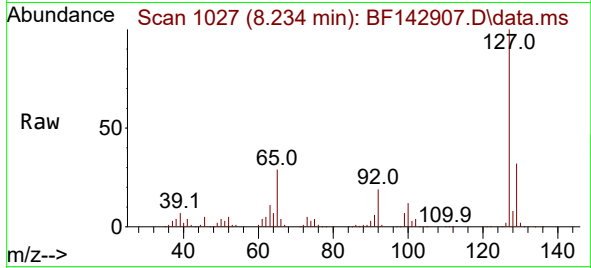




#33
4-Chloroaniline
Concen: 39.938 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

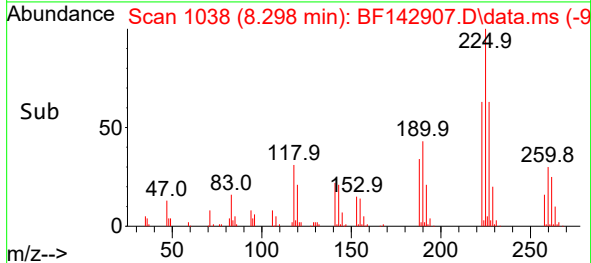
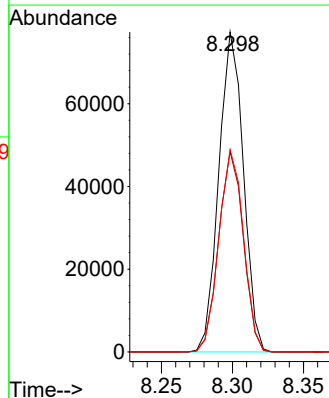
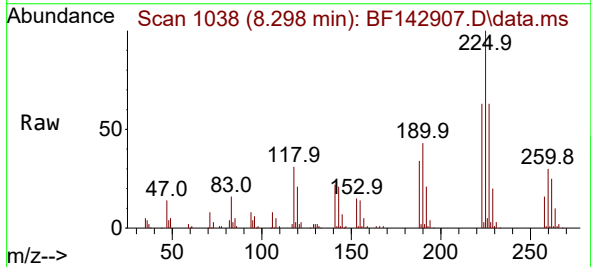
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BNA_F
ClientSampleId :
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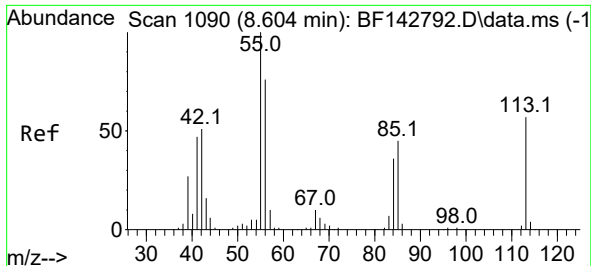
Tgt Ion:	127	Resp:	184149
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.4	24.6	36.8
92	19.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.284 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:	225	Resp:	93018
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	63.2	51.4	77.0

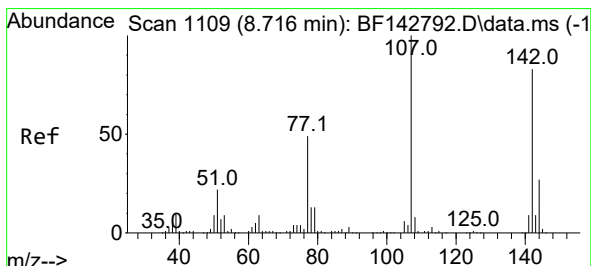
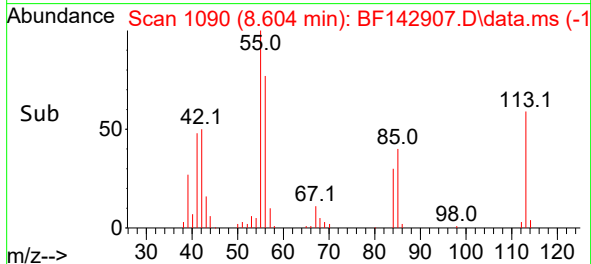
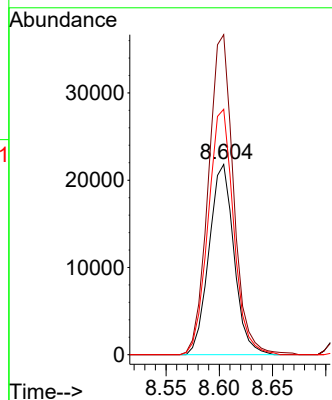
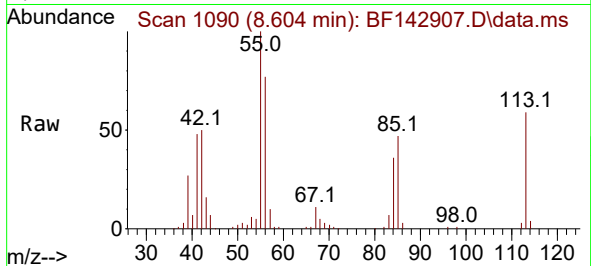




#35
 Caprolactam
 Concen: 41.189 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

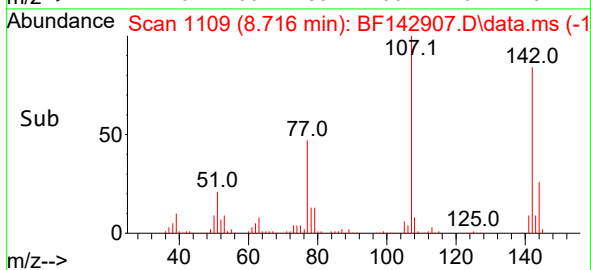
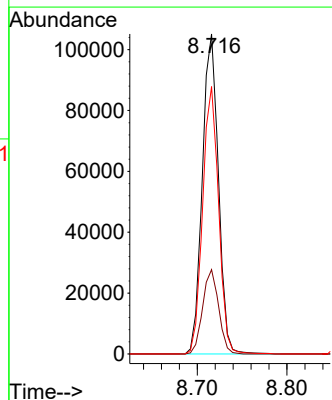
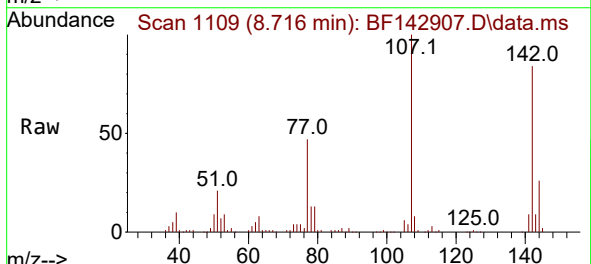
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

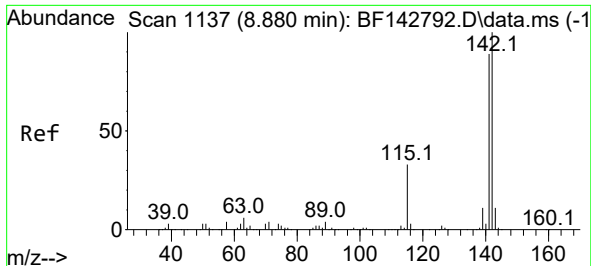
Tgt Ion:113 Resp: 35548
 Ion Ratio Lower Upper
 113 100
 55 168.2 154.4 194.4
 56 129.0 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.216 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

Tgt Ion:107 Resp: 130720
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 83.5 66.6 100.0

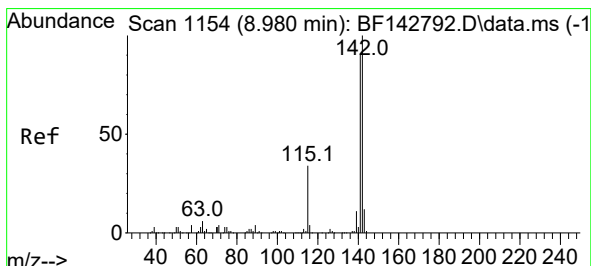
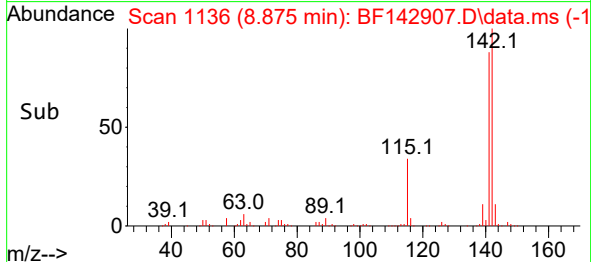
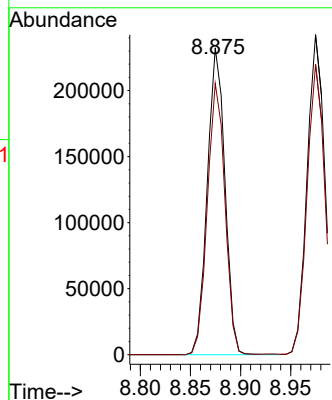
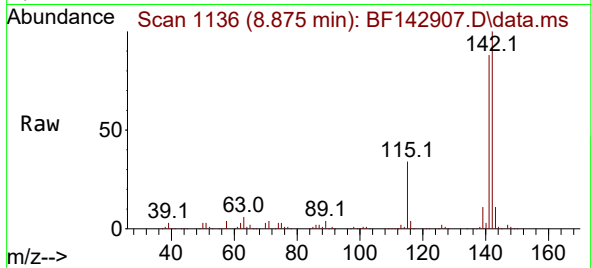




#37
2-Methylnaphthalene
Concen: 40.523 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

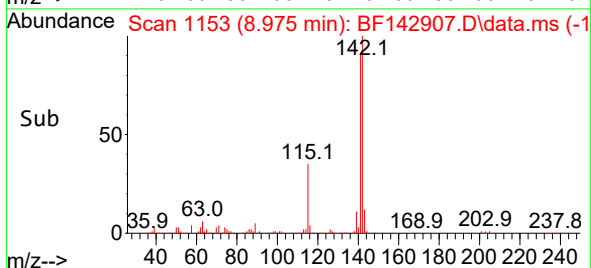
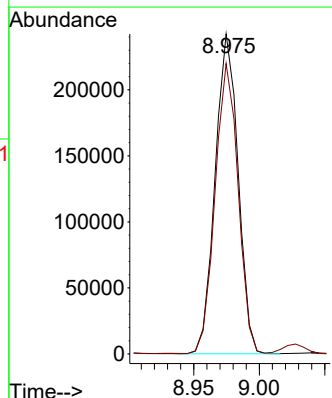
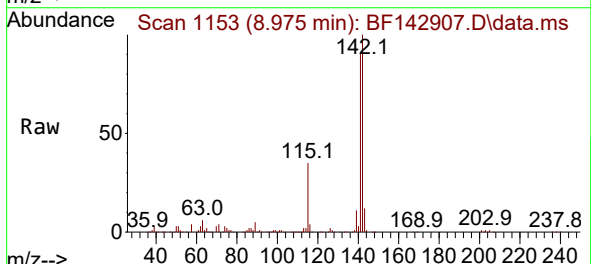
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

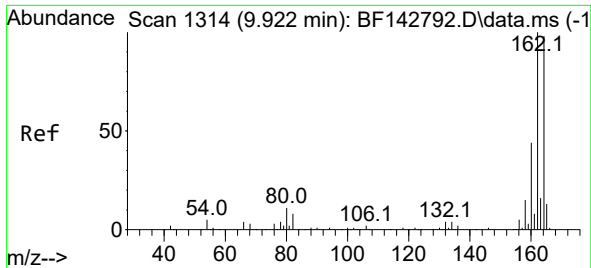
Tgt Ion:142 Resp: 284887
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#38
1-Methylnaphthalene
Concen: 40.423 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:142 Resp: 294177
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4

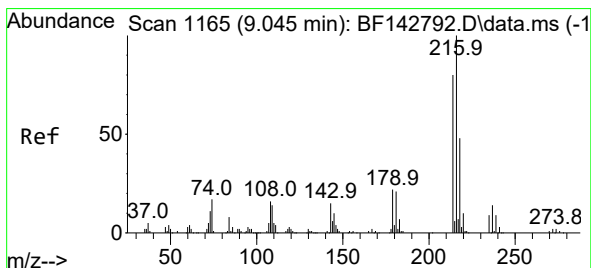
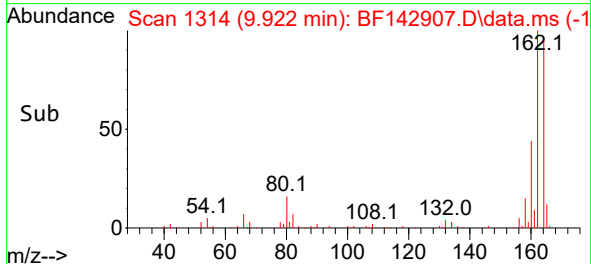
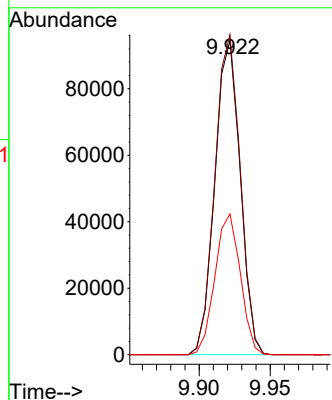
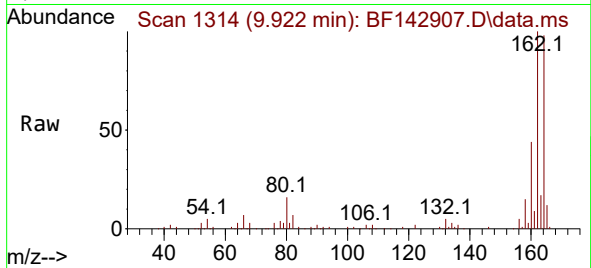




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

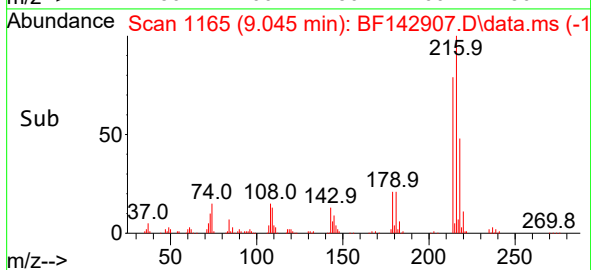
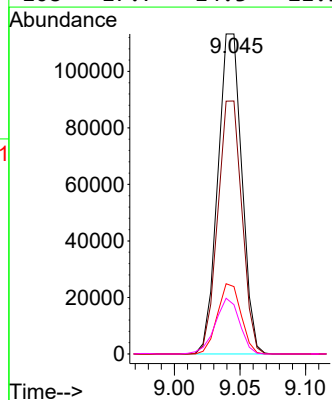
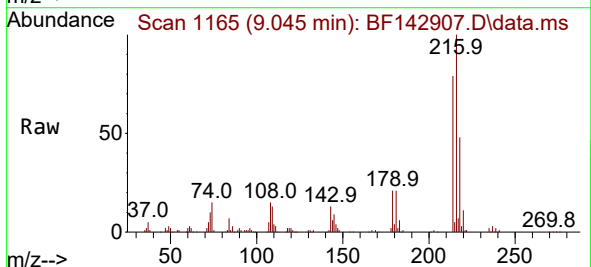
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

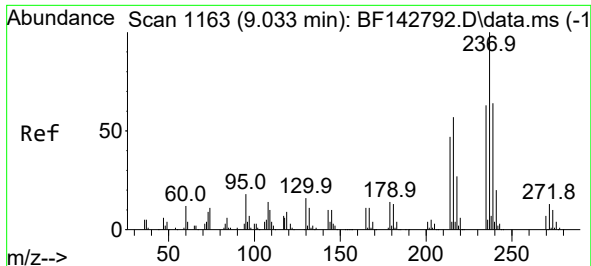
Tgt Ion:164 Resp: 117056
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.8
160 44.8 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.768 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:216 Resp: 144263
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 21.5 17.6 26.4
108 17.7 14.3 21.5

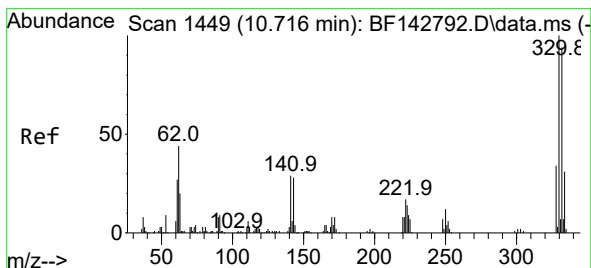
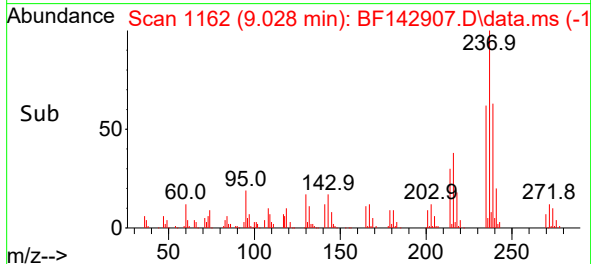
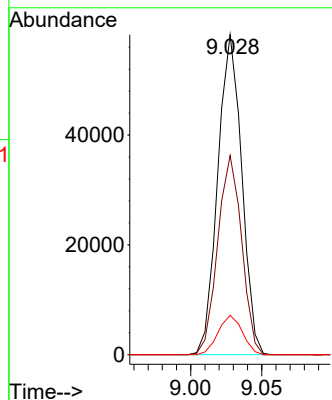
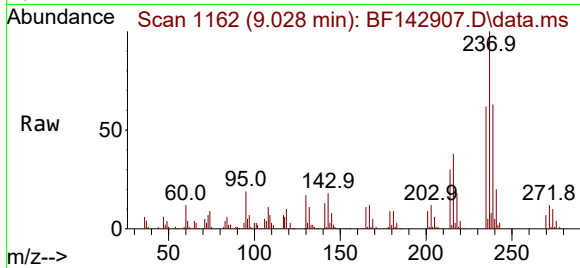




#41
Hexachlorocyclopentadiene
Concen: 34.851 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

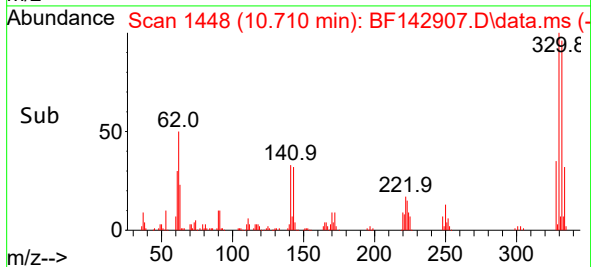
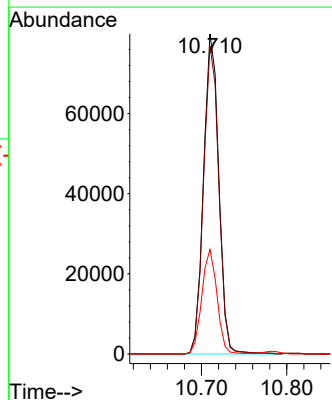
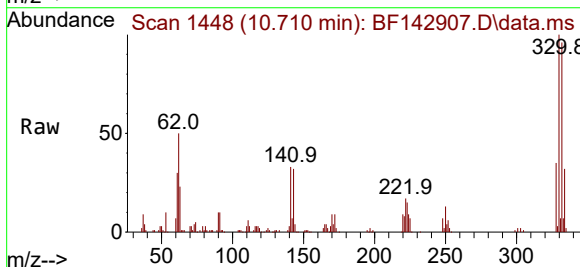
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BNA_F
ClientSampleId :
SSTDCCC040

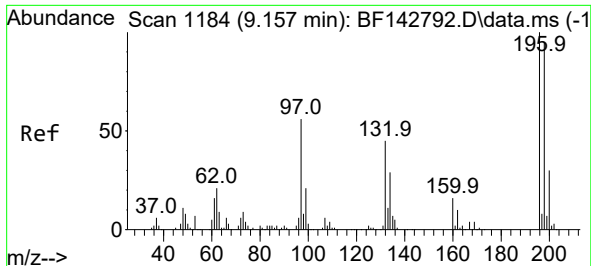
Tgt Ion:237 Resp: 68309
Ion Ratio Lower Upper
237 100
235 62.3 43.4 83.4
272 12.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 82.462 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:330 Resp: 99332
Ion Ratio Lower Upper
330 100
332 96.1 75.0 112.6
141 32.5 25.3 37.9

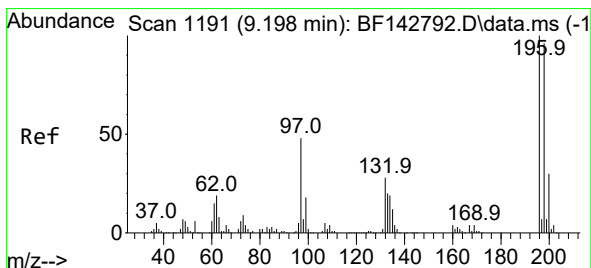
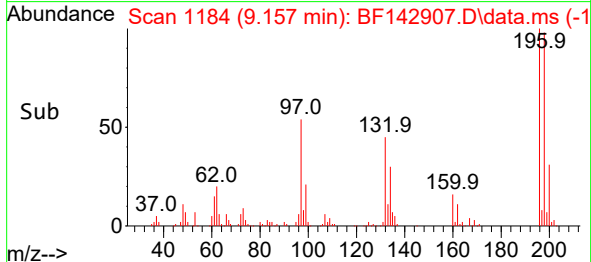
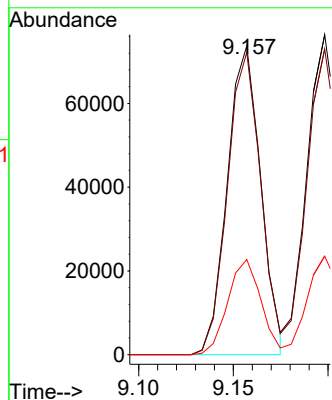
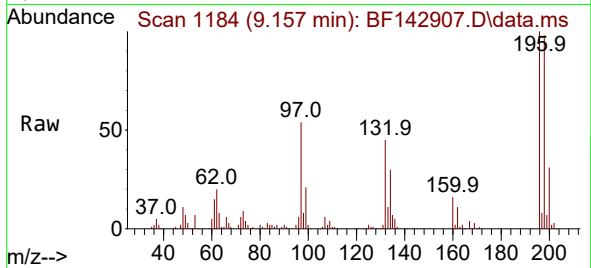




#43
 2,4,6-Trichlorophenol
 Concen: 40.291 ng
 RT: 9.157 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

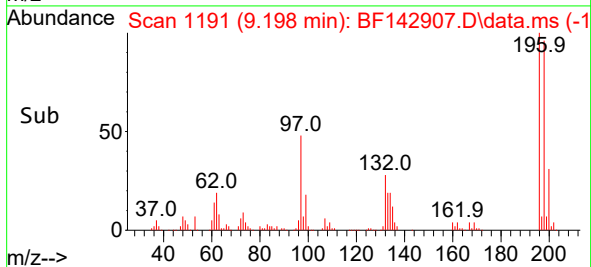
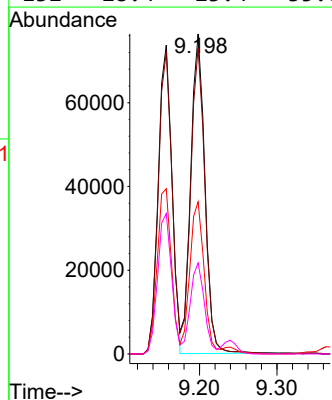
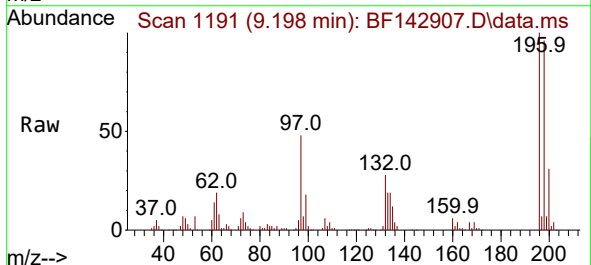
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

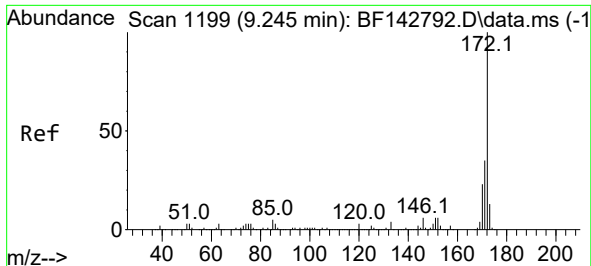
Tgt Ion:196 Resp: 90681
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.2 114.2
 200 30.8 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.081 ng
 RT: 9.198 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

Tgt Ion:196 Resp: 97330
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.6 115.0
 97 47.6 38.2 57.2
 132 28.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 94.197 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

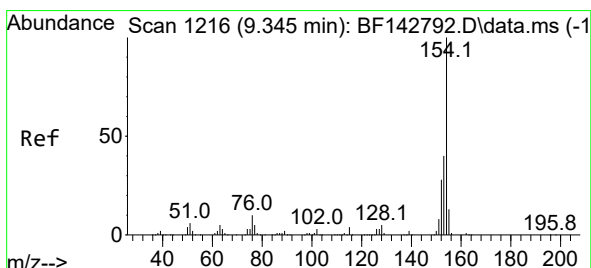
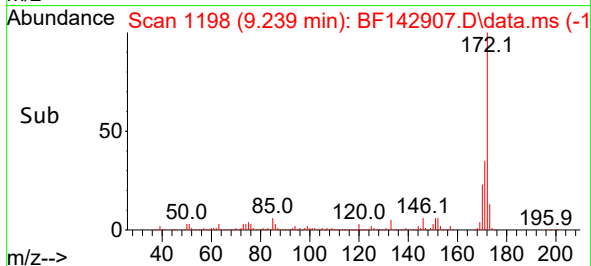
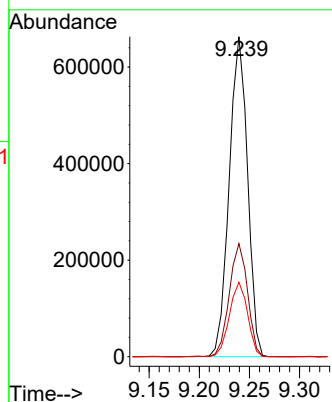
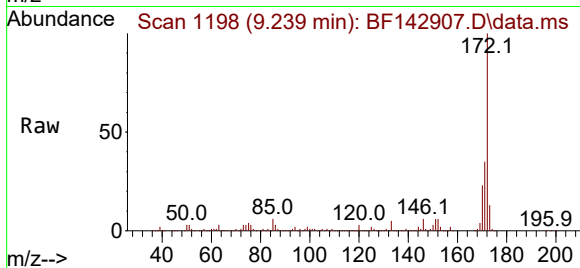
Tgt Ion:172 Resp: 839351

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.2 18.5 27.7



#46

1,1'-Biphenyl

Concen: 41.548 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

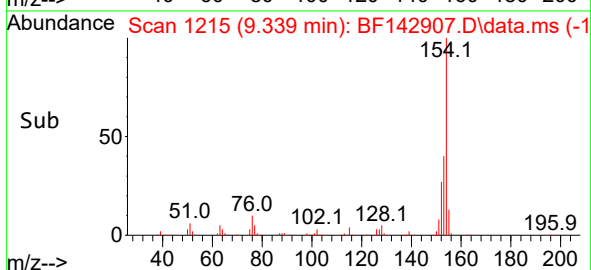
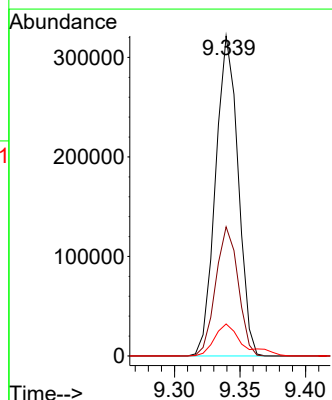
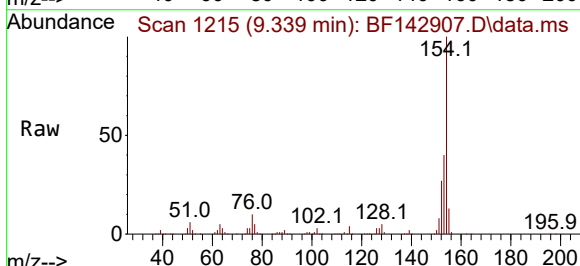
Tgt Ion:154 Resp: 384186

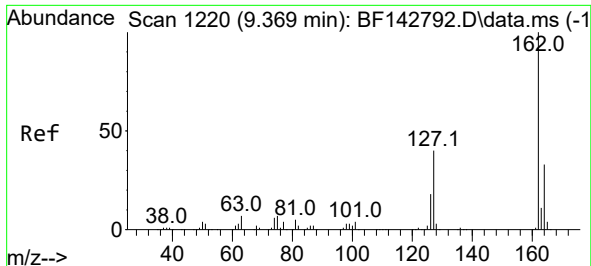
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 10.0 0.0 30.3





#47

2-Chloronaphthalene

Concen: 41.416 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

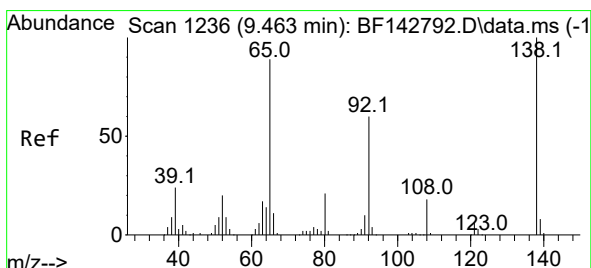
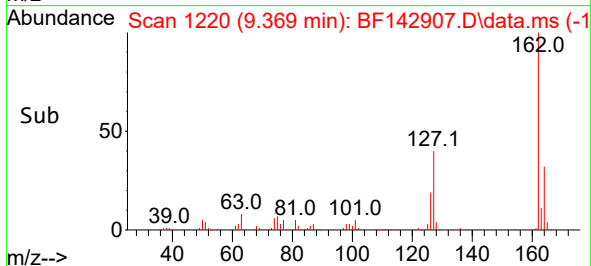
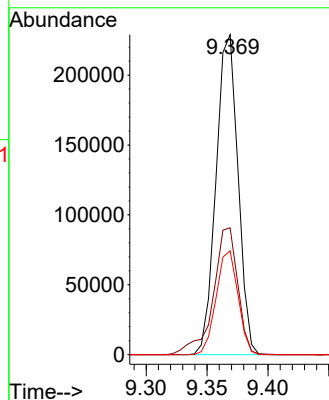
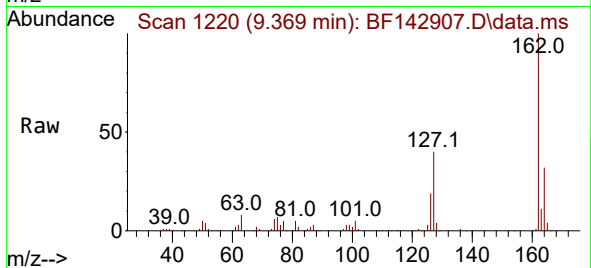
Tgt Ion:162 Resp: 287389

Ion Ratio Lower Upper

162 100

127 39.6 32.2 48.2

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 41.412 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

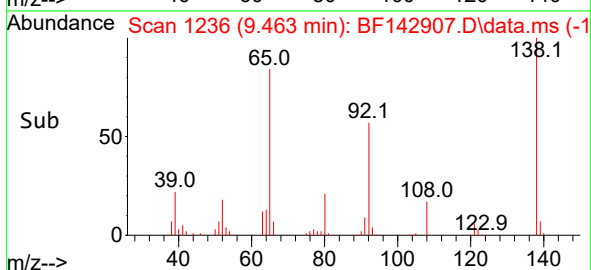
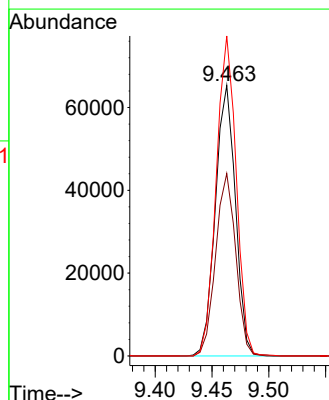
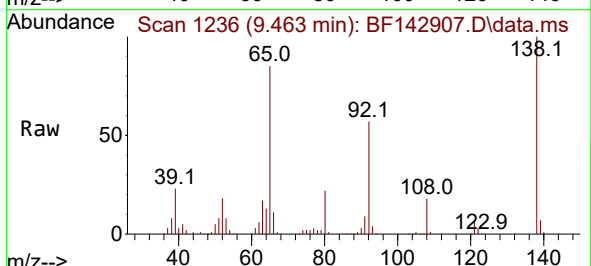
Tgt Ion: 65 Resp: 80562

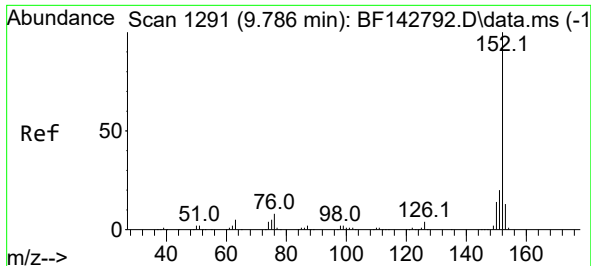
Ion Ratio Lower Upper

65 100

92 67.4 53.8 80.6

138 118.3 89.6 134.4

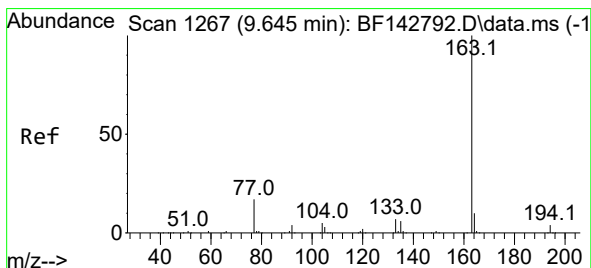
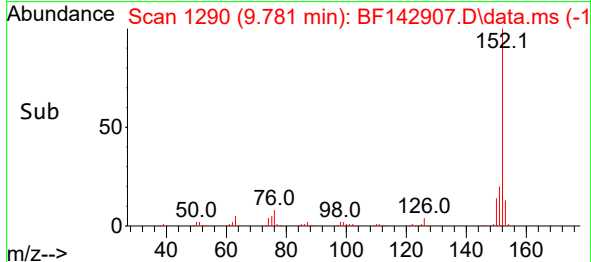
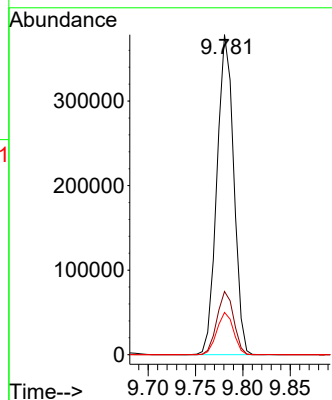
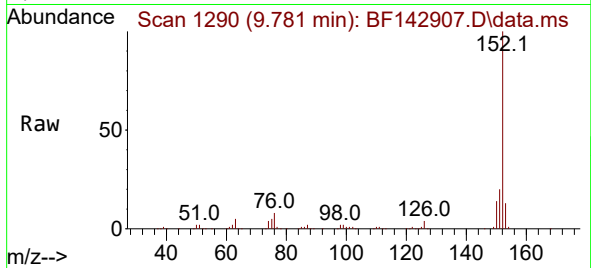




#49
Acenaphthylene
Concen: 40.953 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

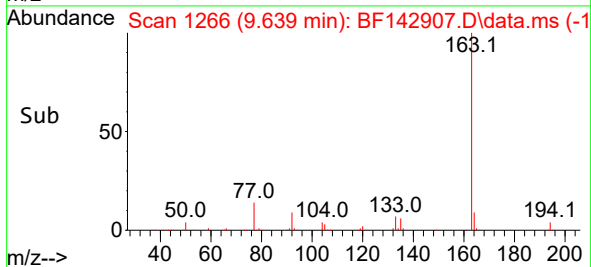
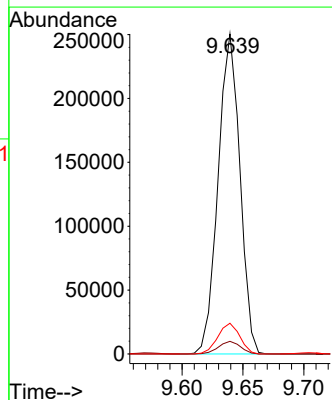
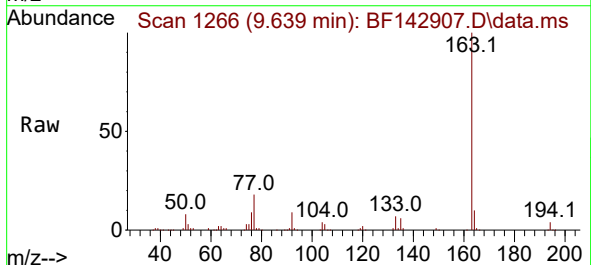
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

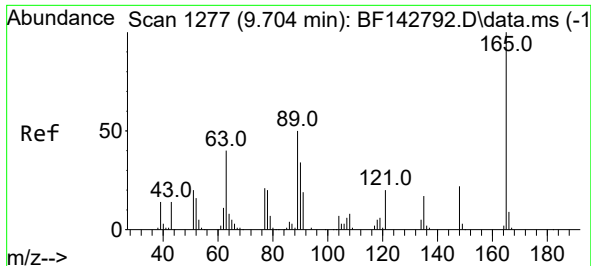
Tgt Ion:152 Resp: 467813
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 41.234 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:163 Resp: 312435
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.6 8.0 12.0

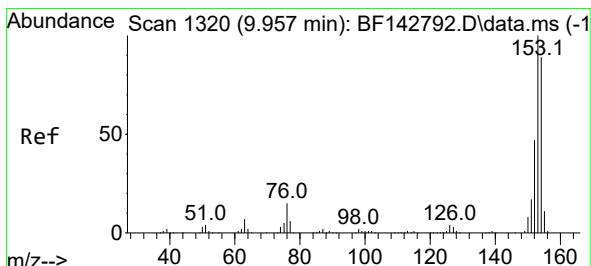
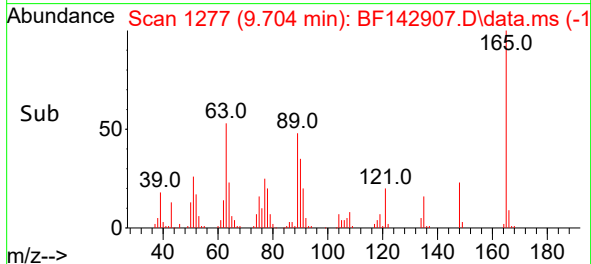
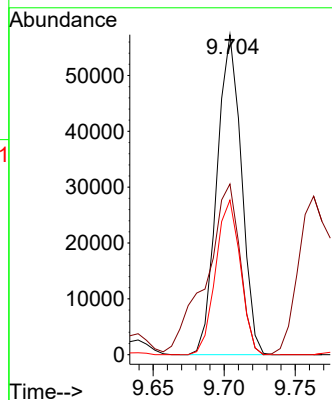
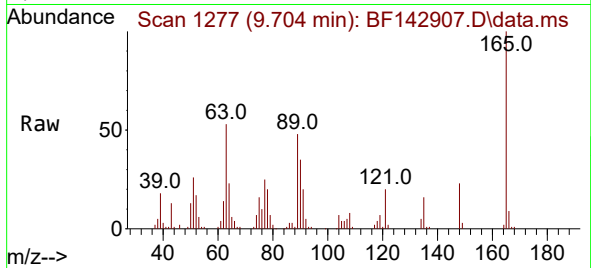




#51
2,6-Dinitrotoluene
Concen: 41.256 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

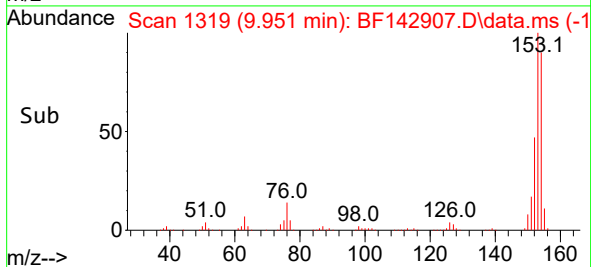
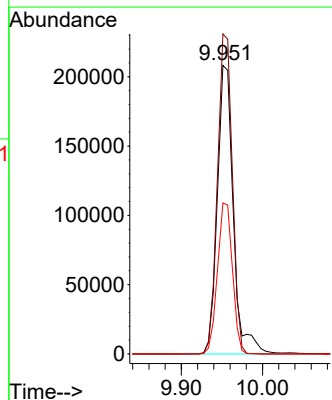
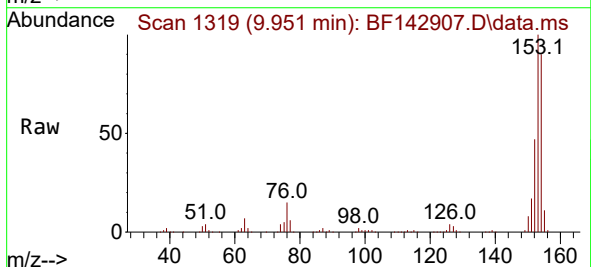
Instrument :
BNA_F
ClientSampleId :
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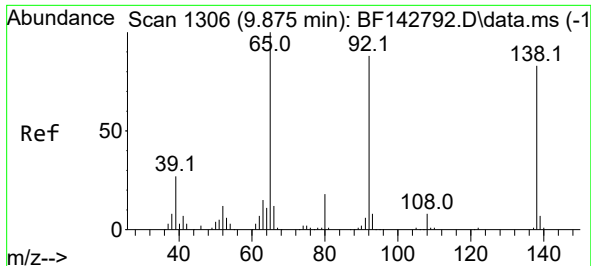
Tgt Ion:165 Resp: 68650
Ion Ratio Lower Upper
165 100
63 53.4 44.2 66.4
89 48.3 39.8 59.8



#52
Acenaphthene
Concen: 40.951 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:154 Resp: 285413
Ion Ratio Lower Upper
154 100
153 110.8 90.0 135.0
152 52.3 41.9 62.9

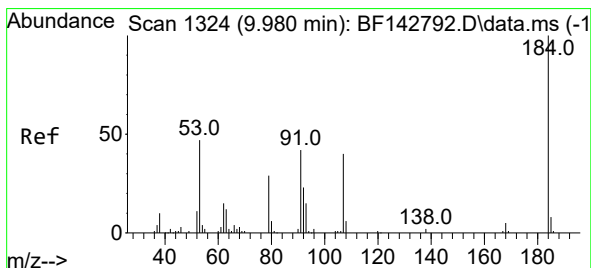
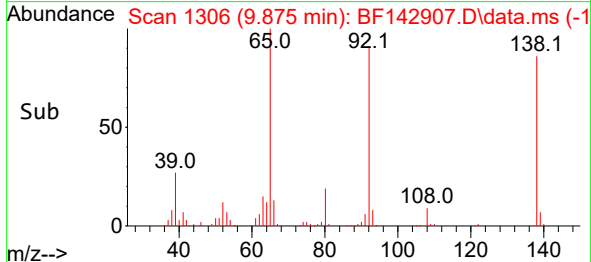
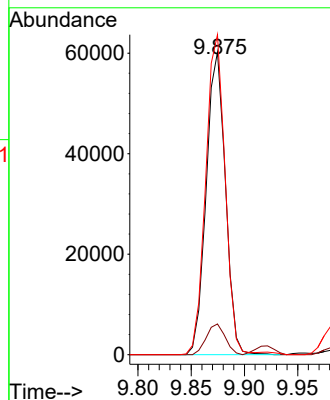
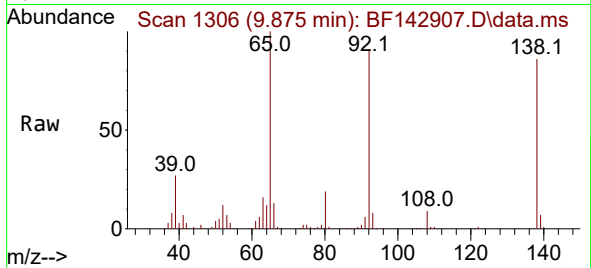




#53
3-Nitroaniline
Concen: 41.264 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

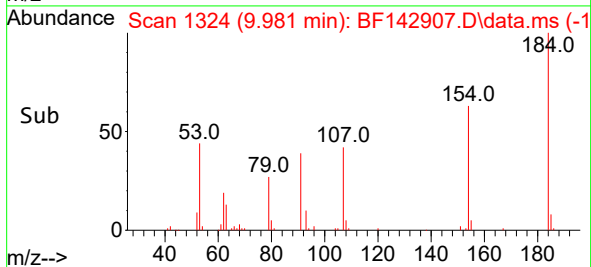
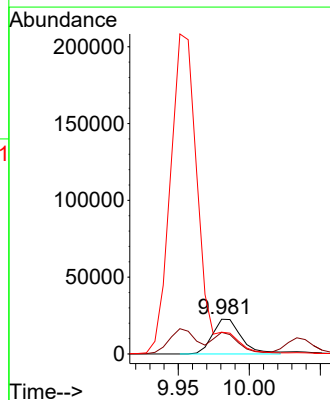
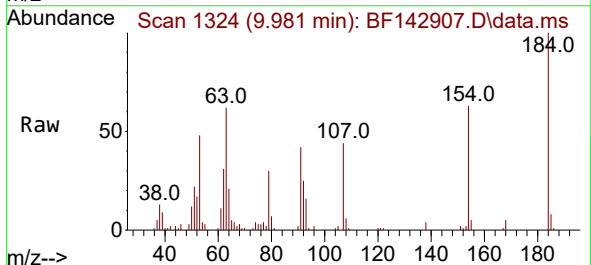
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

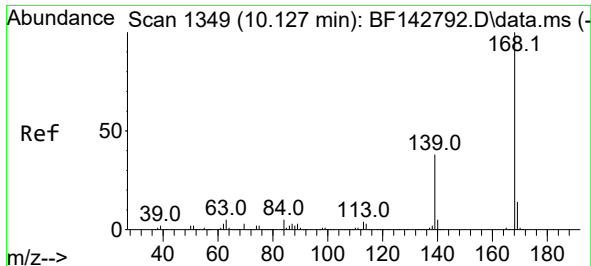
Tgt Ion:138 Resp: 75598
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 105.7 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 38.454 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:184 Resp: 32040
Ion Ratio Lower Upper
184 100
63 62.1 50.6 75.8
154 62.8 51.8 77.8

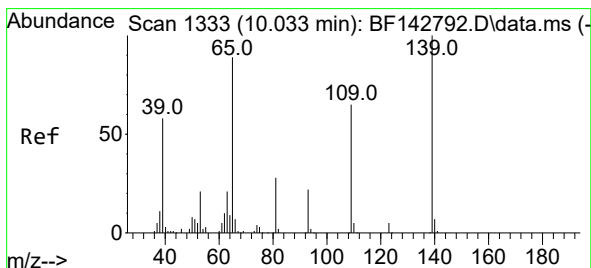
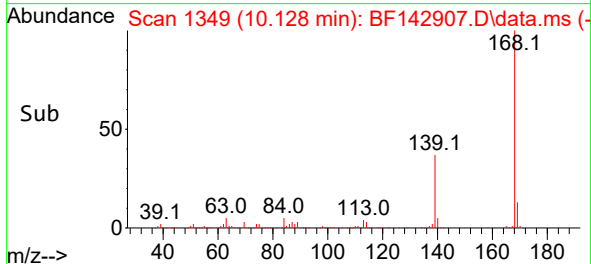
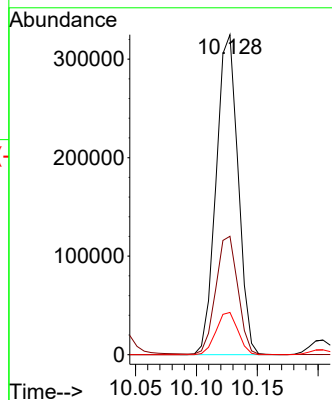
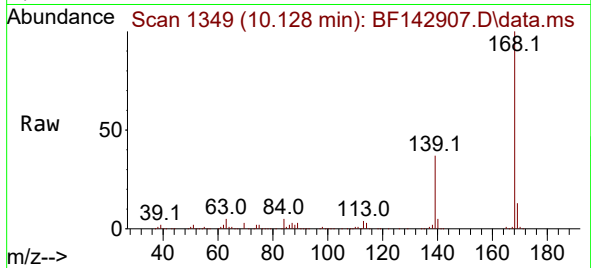




#55
Dibenzofuran
Concen: 40.748 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

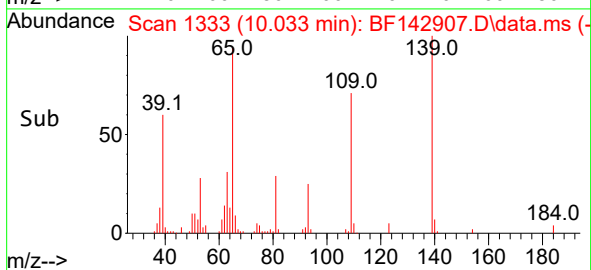
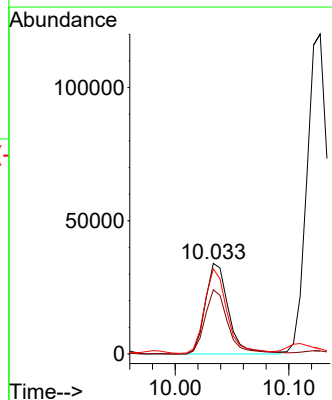
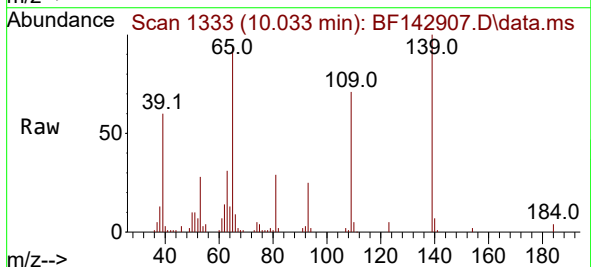
Instrument :
BNA_F
ClientSampleId :
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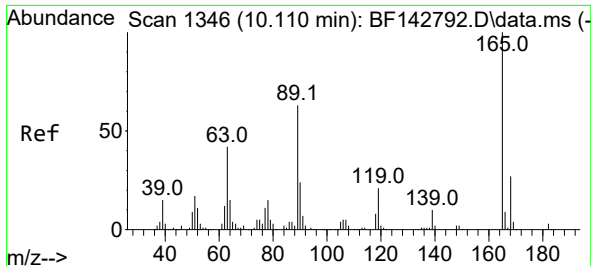
Tgt Ion:168 Resp: 407238
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 38.276 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:139 Resp: 48008
Ion Ratio Lower Upper
139 100
109 70.9 44.7 84.7
65 94.1 69.8 109.8

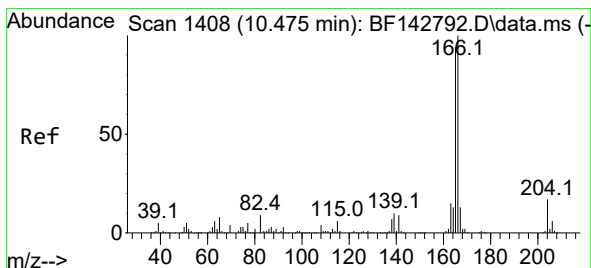
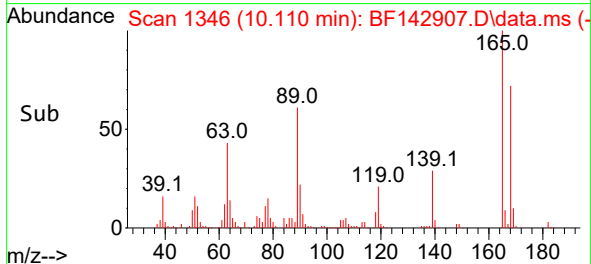
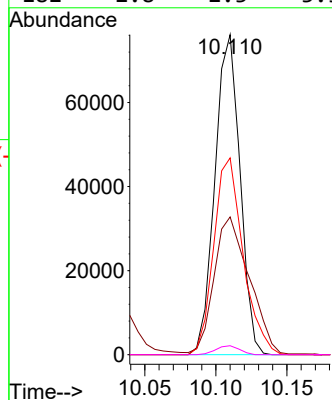
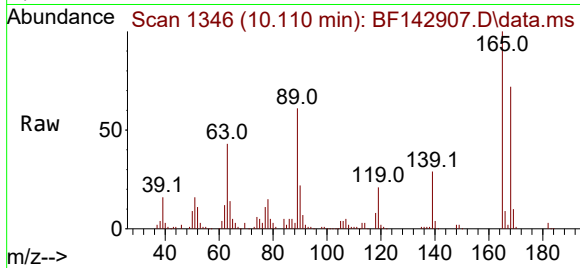




#57
2,4-Dinitrotoluene
Concen: 42.261 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

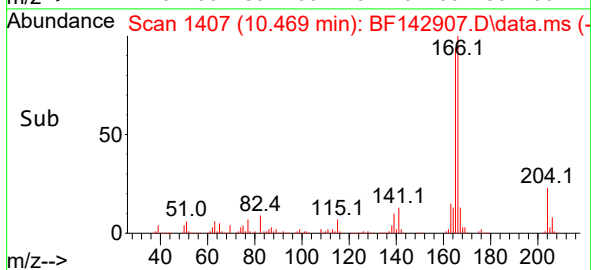
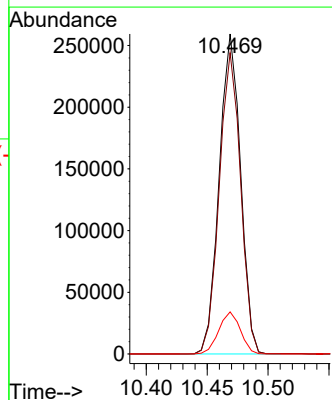
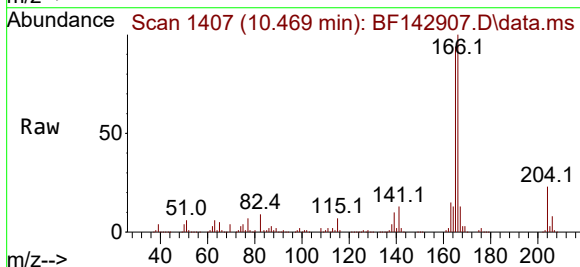
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

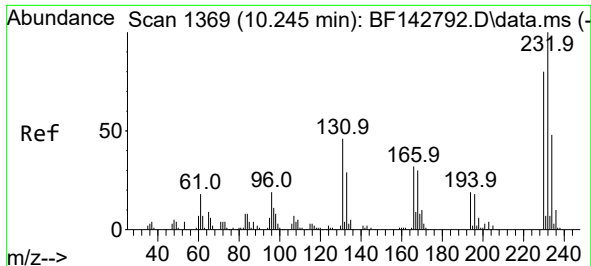
Tgt Ion:165 Resp: 93408
Ion Ratio Lower Upper
165 100
63 43.1 33.9 50.9
89 61.5 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 40.562 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:166 Resp: 316598
Ion Ratio Lower Upper
166 100
165 94.2 75.2 112.8
167 13.1 10.6 15.8

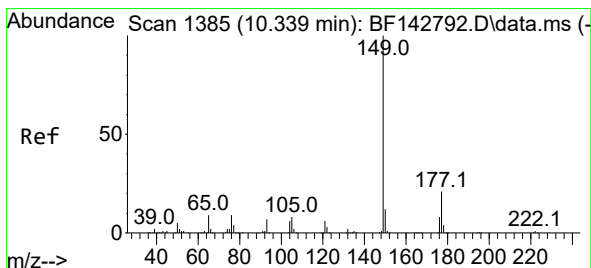
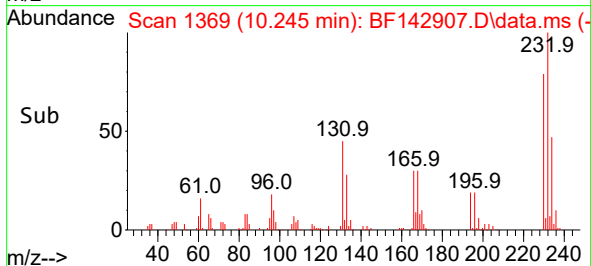
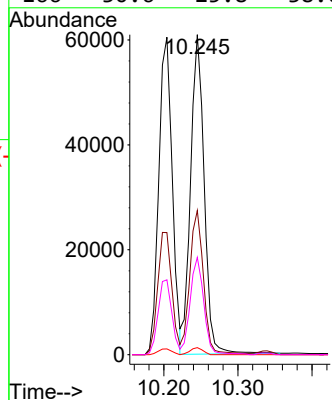
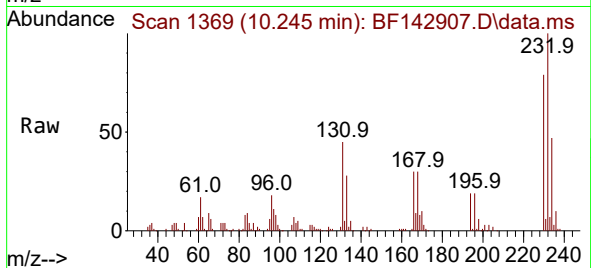




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.783 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

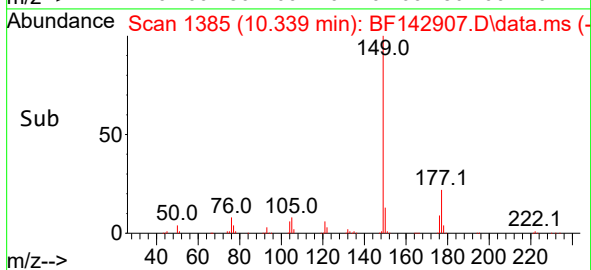
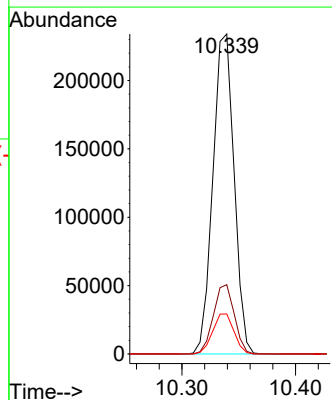
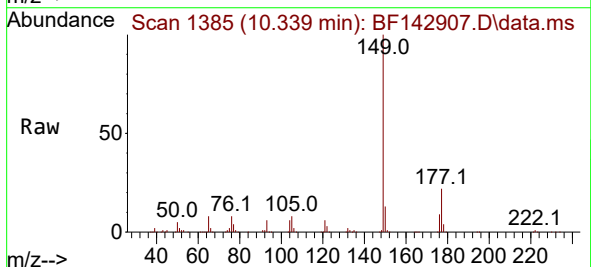
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

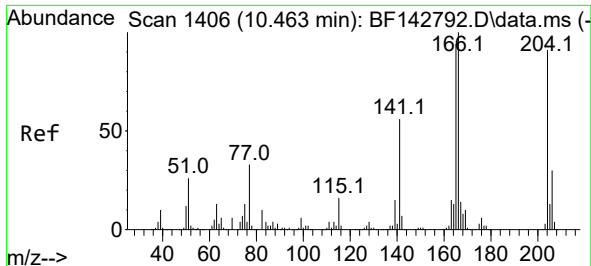
Tgt Ion:232 Resp: 77884
Ion Ratio Lower Upper
232 100
131 45.7 37.6 56.4
130 2.1 1.7 2.5
166 30.6 25.8 38.6



#60
Diethylphthalate
Concen: 40.866 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:149 Resp: 303601
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.5 9.8 14.6

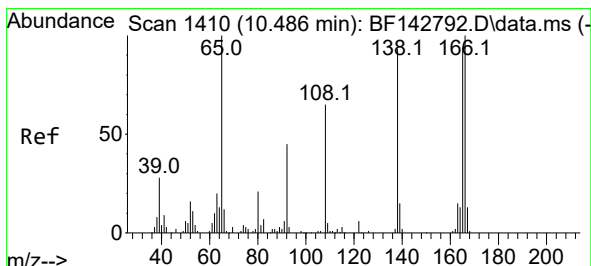
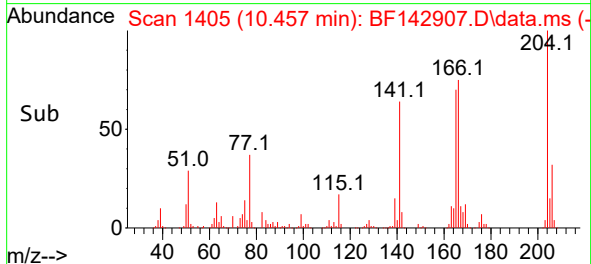
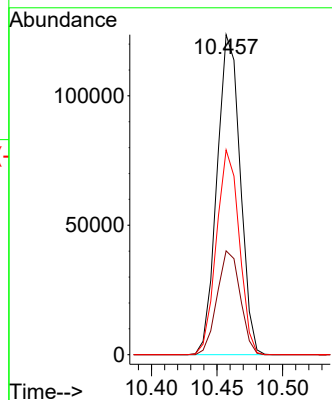
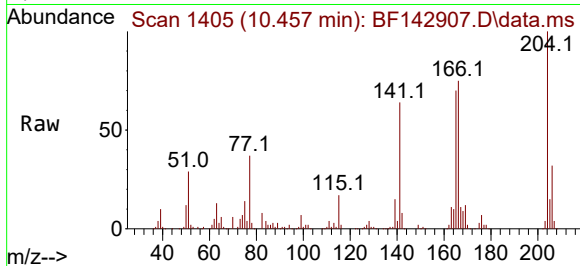




#61
4-Chlorophenyl-phenylether
Concen: 40.781 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

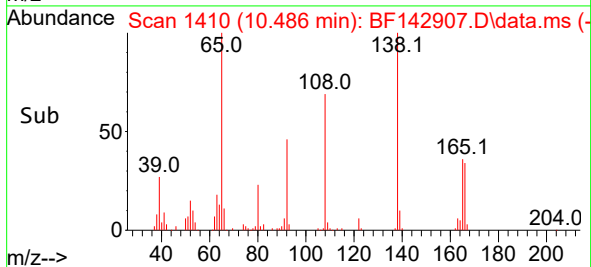
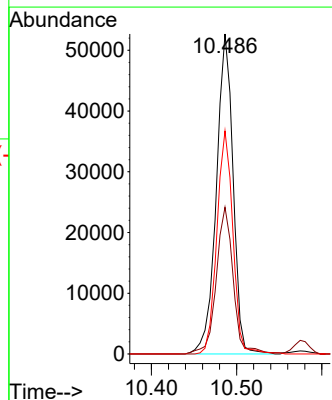
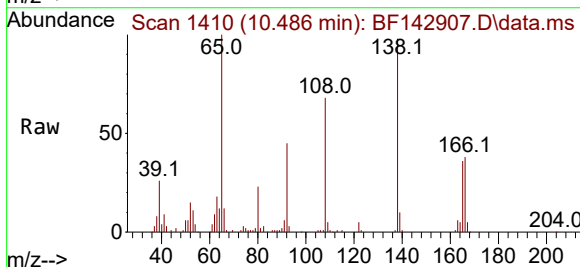
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

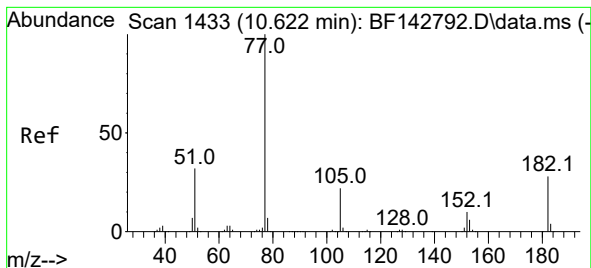
Tgt Ion:204 Resp: 151892
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 64.0 49.1 73.7



#62
4-Nitroaniline
Concen: 43.199 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:138 Resp: 72382
Ion Ratio Lower Upper
138 100
92 45.8 28.4 68.4
108 69.7 50.2 90.2





#63

Azobenzene

Concen: 40.430 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 268451

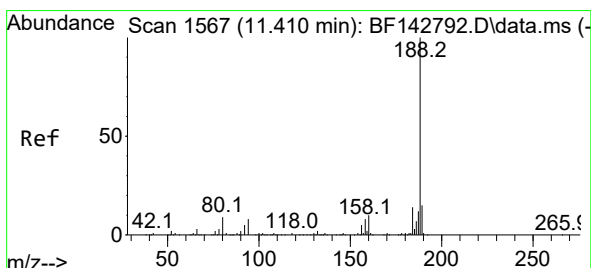
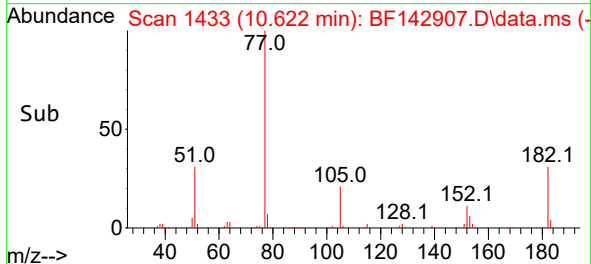
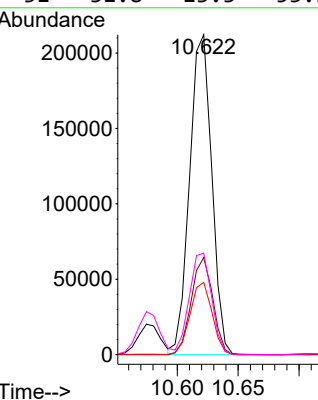
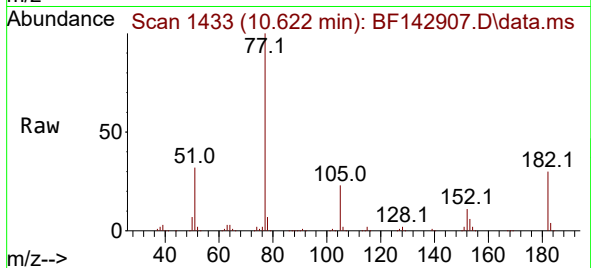
Ion Ratio Lower Upper

77 100

182 30.4 7.7 47.7

105 22.6 1.9 41.9

51 31.8 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

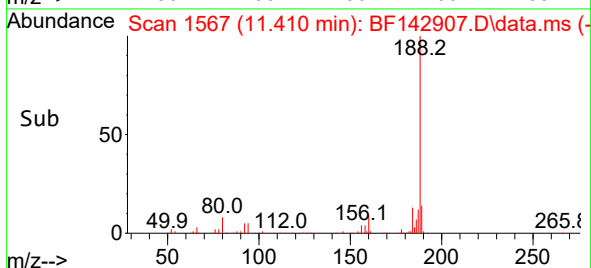
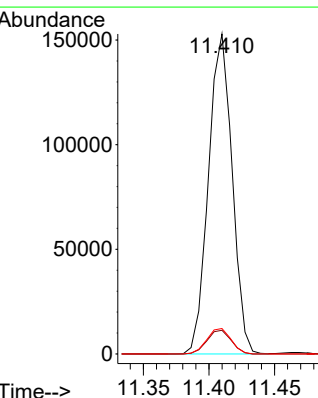
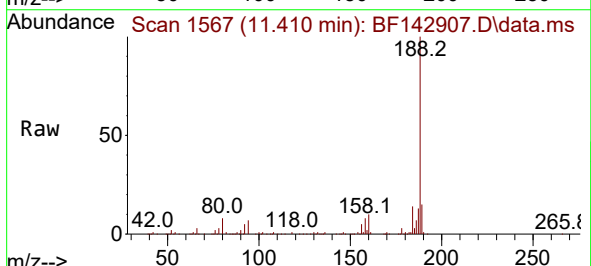
Tgt Ion:188 Resp: 191979

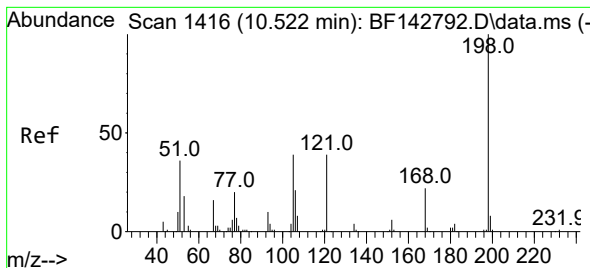
Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

80 8.0 6.9 10.3

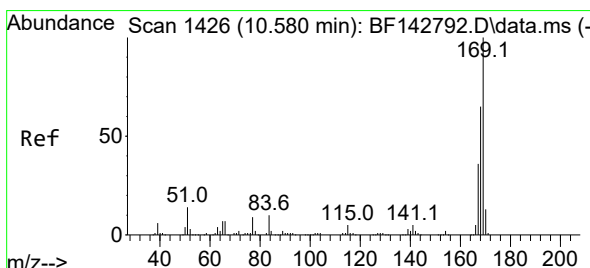
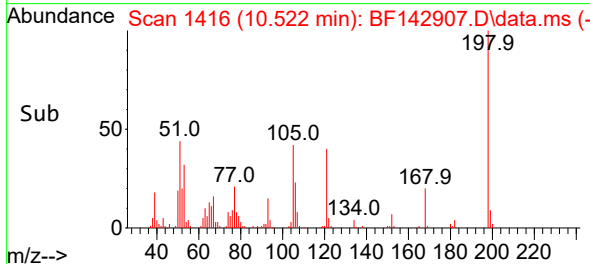
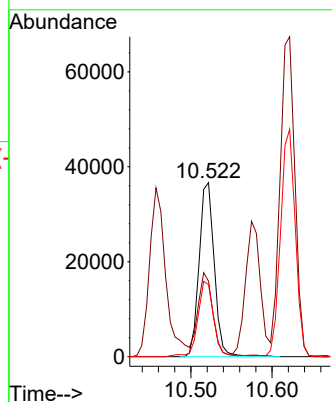
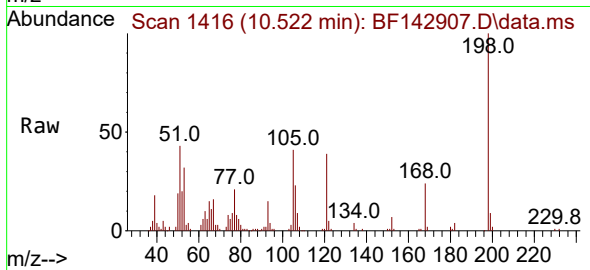




#65
4,6-Dinitro-2-methylphenol
Concen: 41.030 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

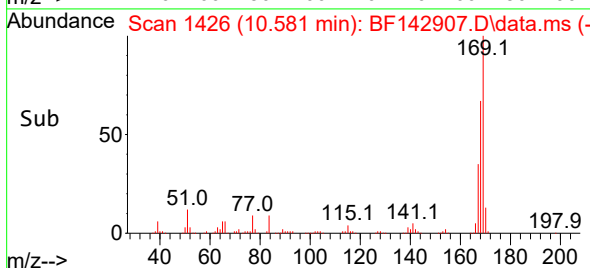
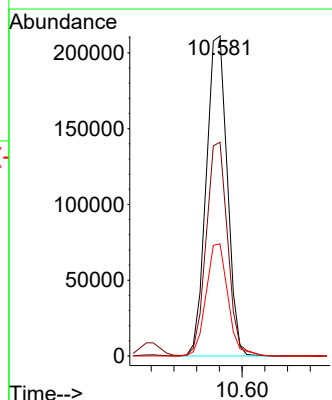
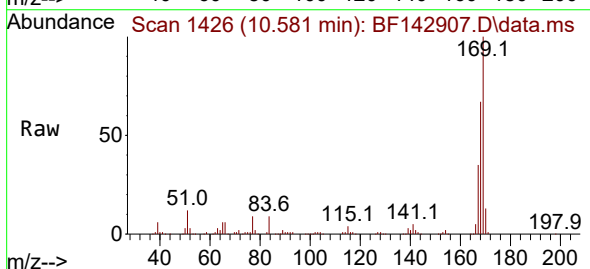
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

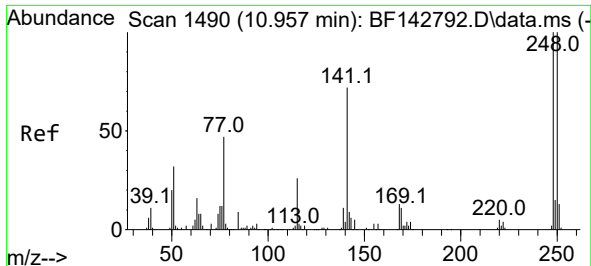
Tgt Ion:198 Resp: 47645
Ion Ratio Lower Upper
198 100
51 43.4 25.4 65.4
105 41.5 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 40.769 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:169 Resp: 271259
Ion Ratio Lower Upper
169 100
168 66.8 51.9 77.9
167 35.1 28.5 42.7

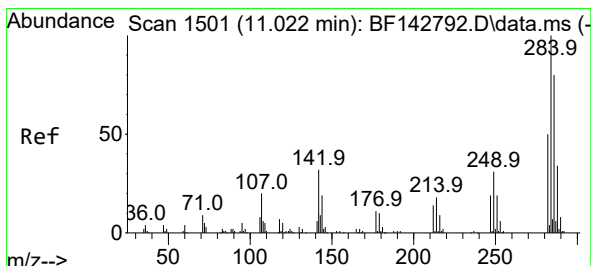
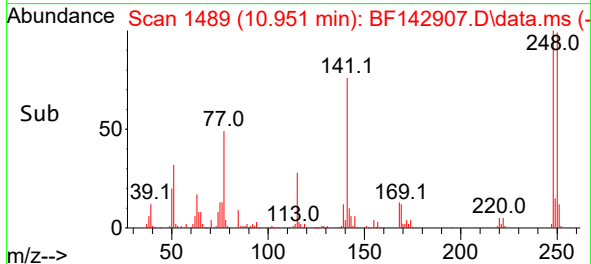
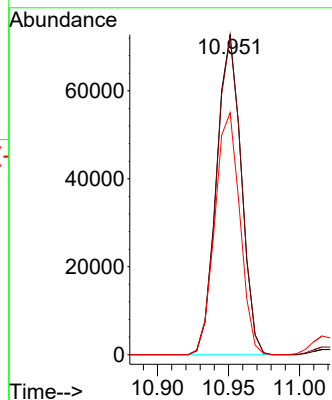
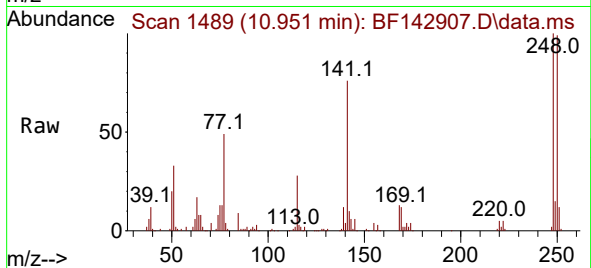




#67
4-Bromophenyl-phenylether
Concen: 40.309 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

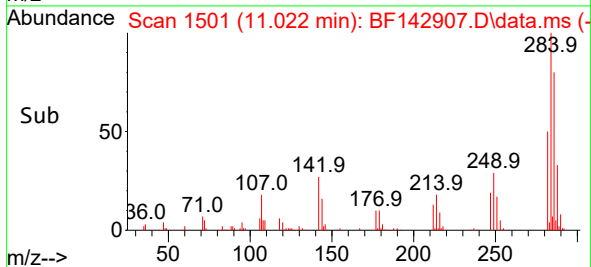
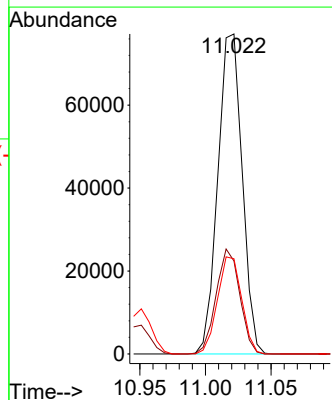
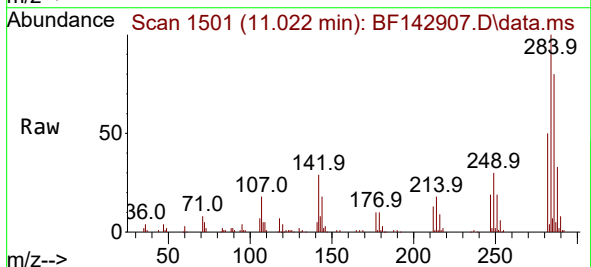
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

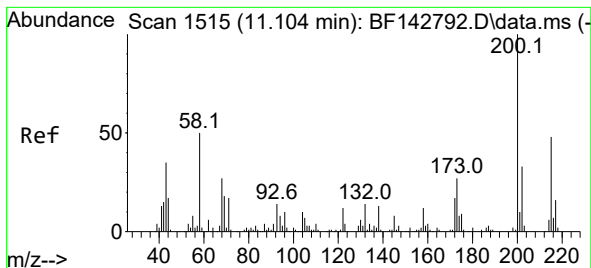
Tgt Ion:248 Resp: 88071
Ion Ratio Lower Upper
248 100
250 99.3 79.8 119.8
141 75.6 57.8 86.6



#68
Hexachlorobenzene
Concen: 40.971 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:284 Resp: 99469
Ion Ratio Lower Upper
284 100
142 29.0 25.5 38.3
249 29.7 24.9 37.3





#69

Atrazine

Concen: 44.704 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

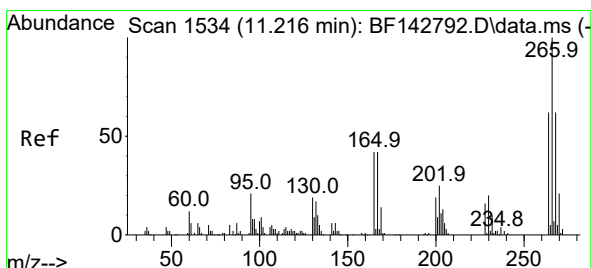
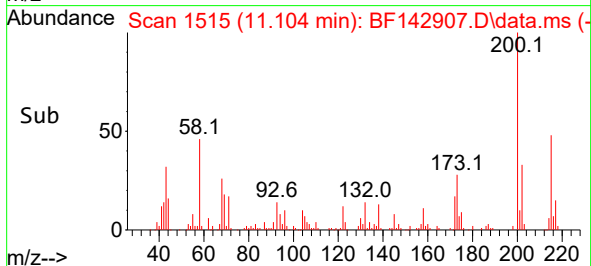
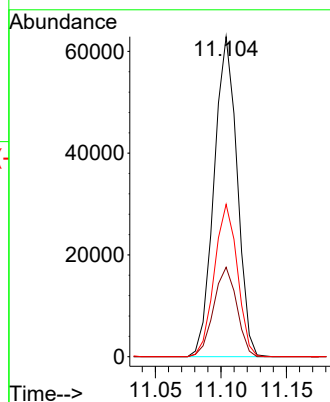
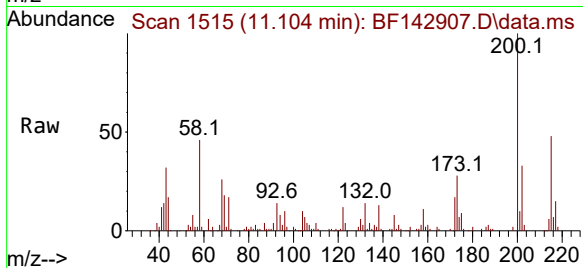
Tgt Ion:200 Resp: 76809

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 47.6 28.4 68.4



#70

Pentachlorophenol

Concen: 40.202 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

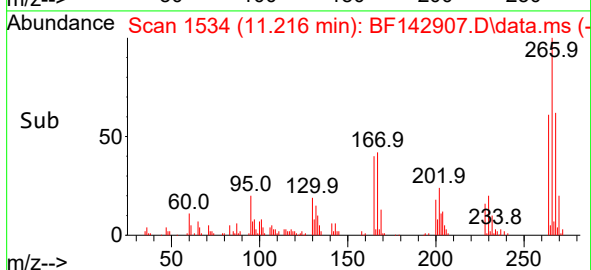
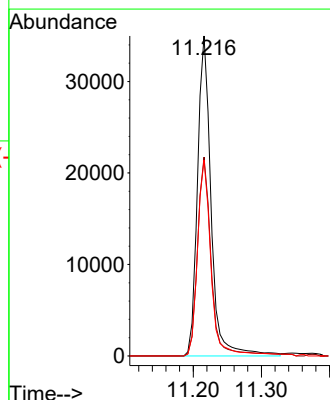
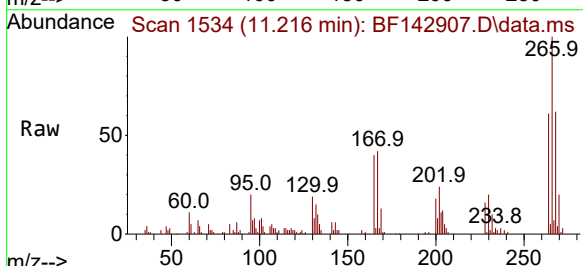
Tgt Ion:266 Resp: 48635

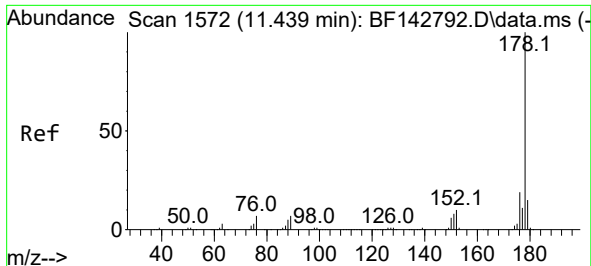
Ion Ratio Lower Upper

266 100

268 62.2 49.8 74.8

264 61.3 49.9 74.9

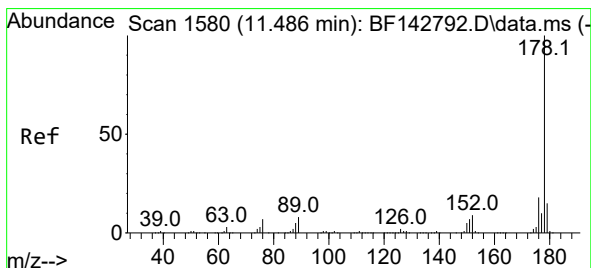
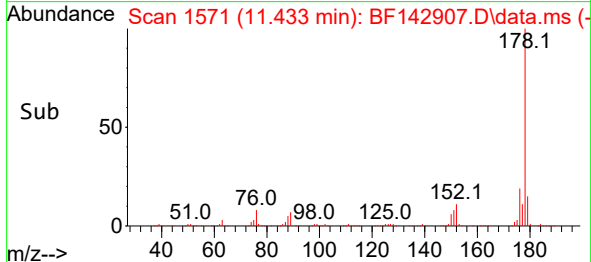
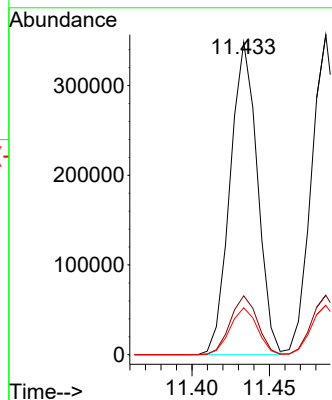
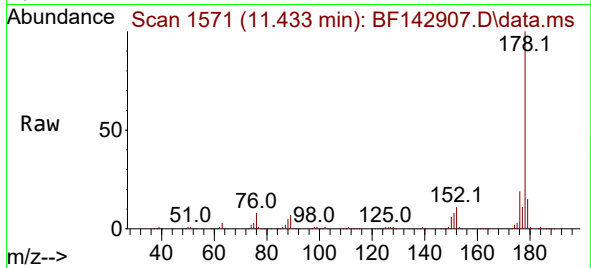




#71
Phenanthrene
Concen: 41.007 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

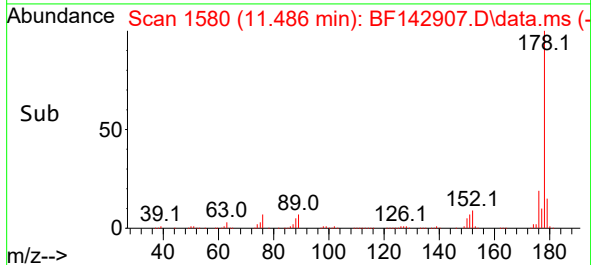
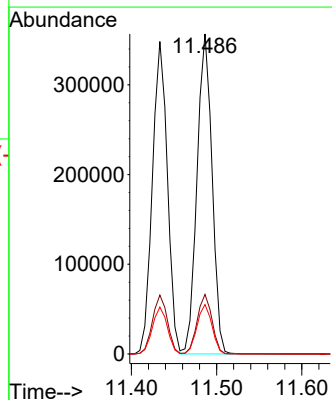
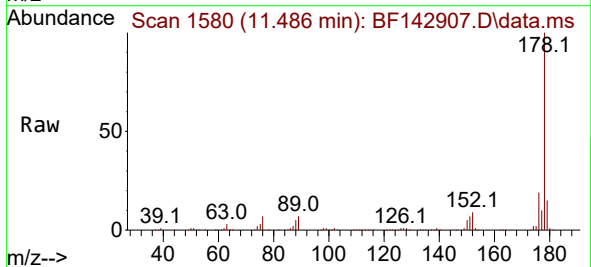
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

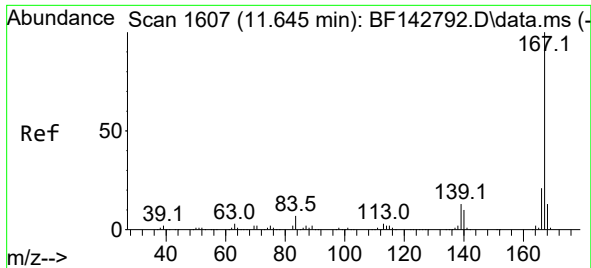
Tgt Ion:178 Resp: 426456
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.0 12.0 18.0



#72
Anthracene
Concen: 41.006 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:178 Resp: 437357
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.4 12.4 18.6

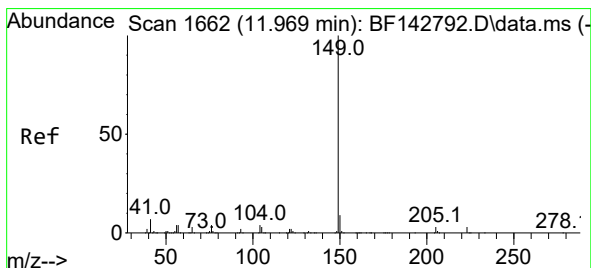
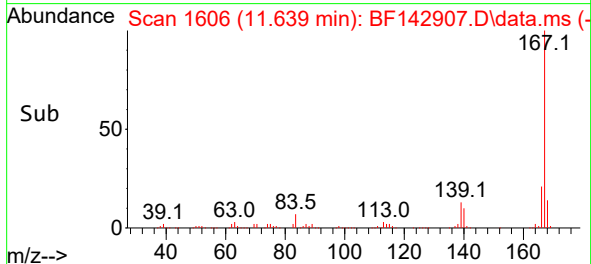
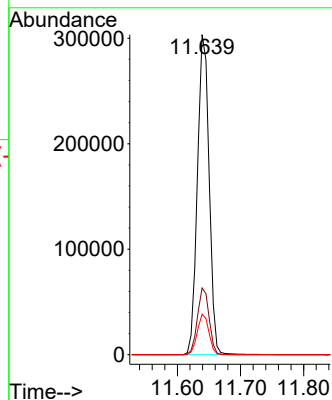
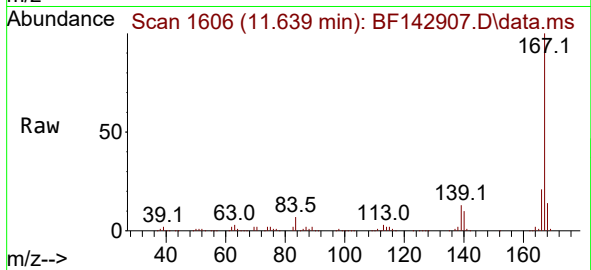




#73
 Carbazole
 Concen: 42.435 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

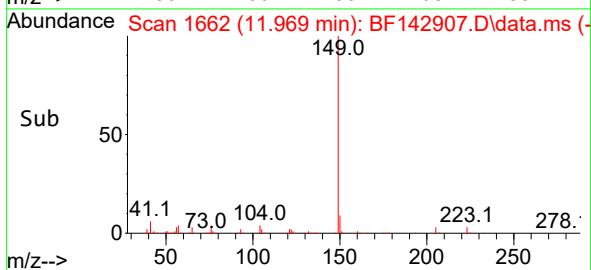
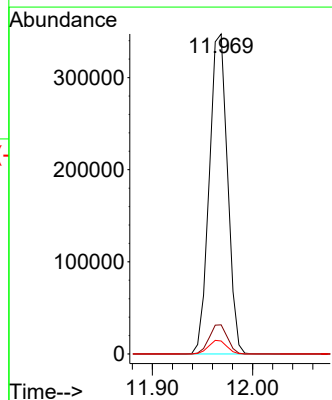
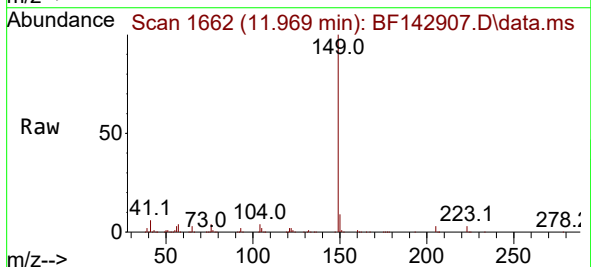
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

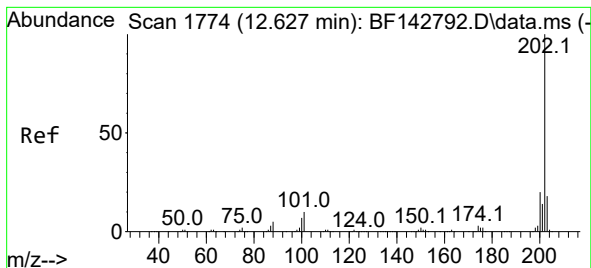
Tgt Ion:167 Resp: 390569
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 12.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 45.821 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

Tgt Ion:149 Resp: 439340
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.1 3.5 5.3





#75

Fluoranthene

Concen: 42.701 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

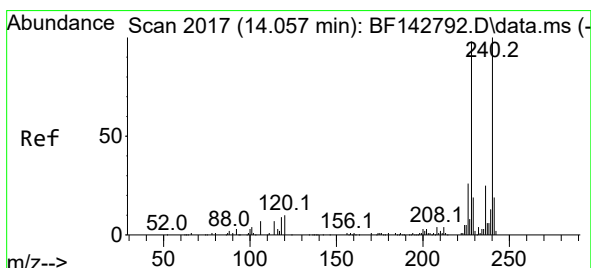
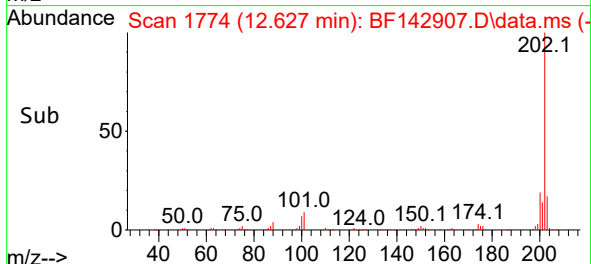
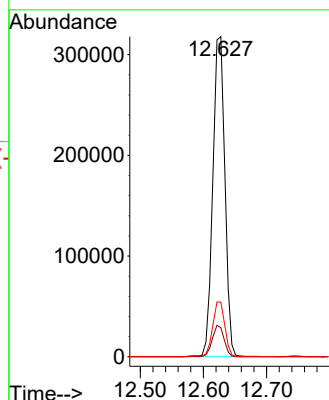
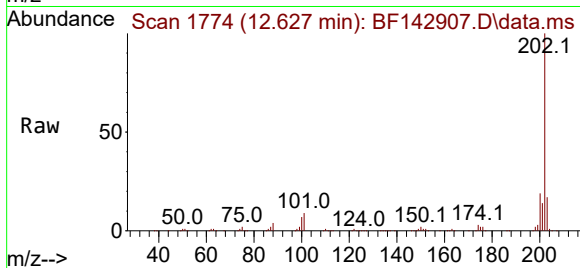
Tgt Ion:202 Resp: 421448

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.7

203 17.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

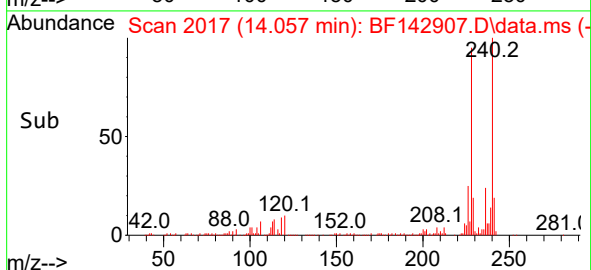
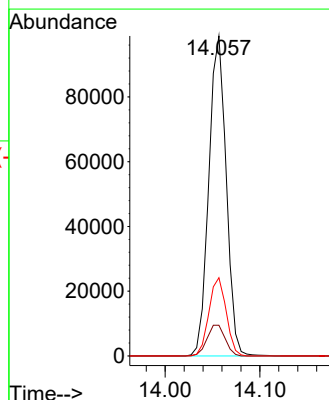
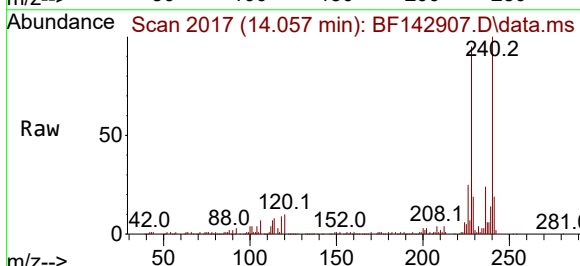
Tgt Ion:240 Resp: 125895

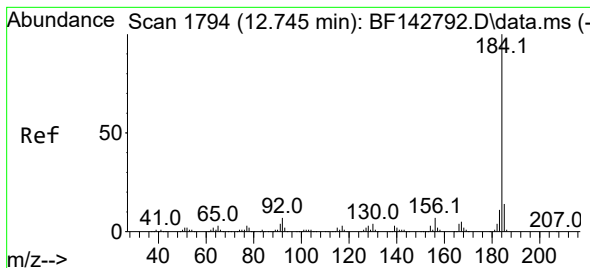
Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

236 24.4 19.8 29.8





#77

Benzidine

Concen: 40.369 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

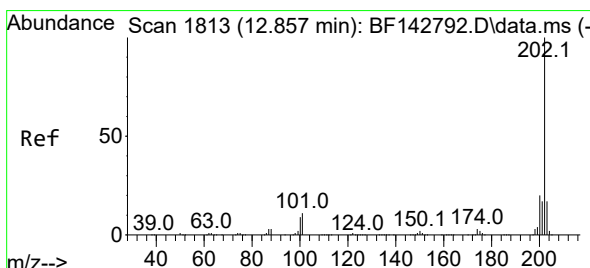
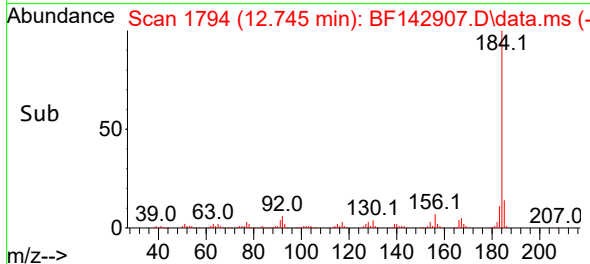
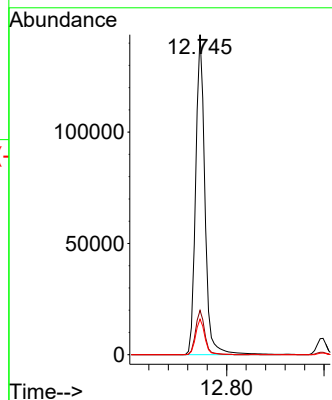
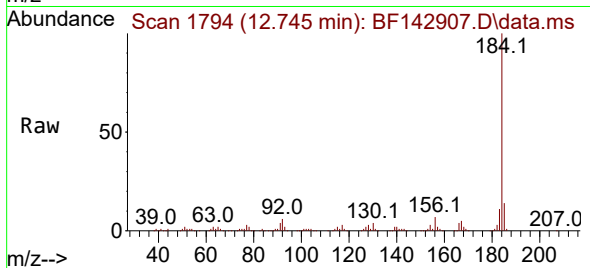
Tgt Ion:184 Resp: 190945

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 36.027 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

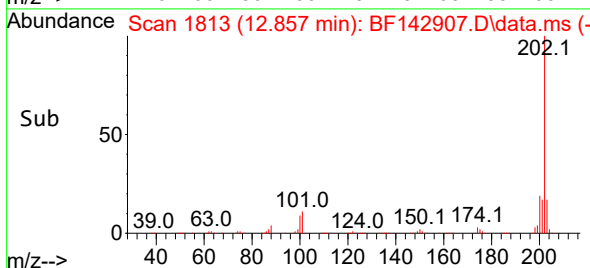
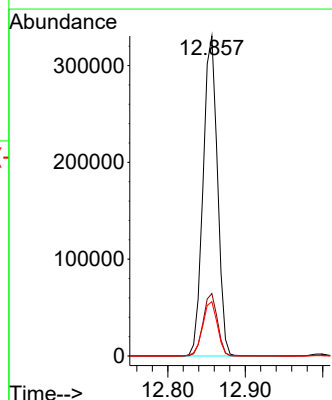
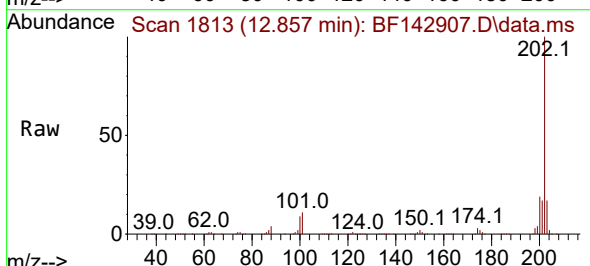
Tgt Ion:202 Resp: 425144

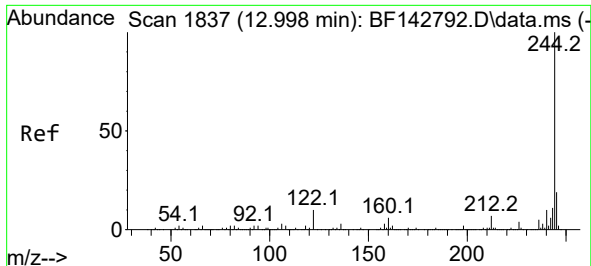
Ion Ratio Lower Upper

202 100

200 19.5 15.7 23.5

203 16.9 13.8 20.6

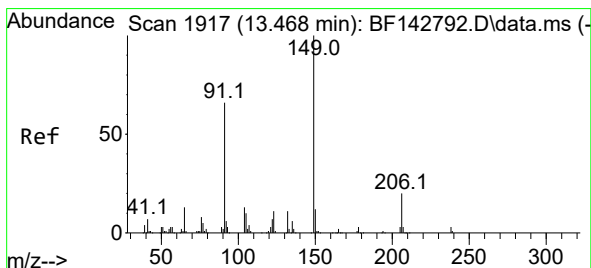
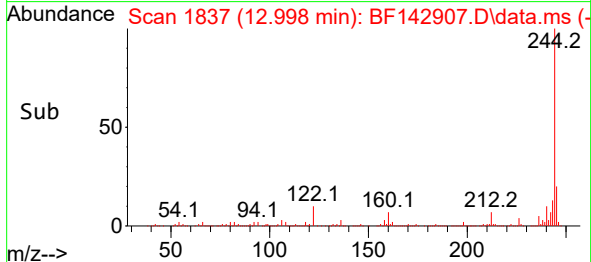
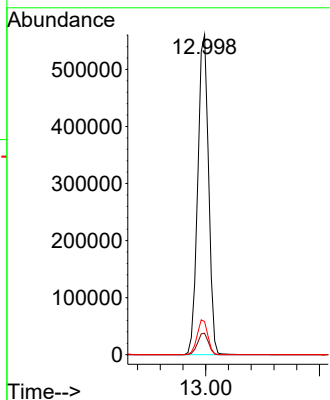
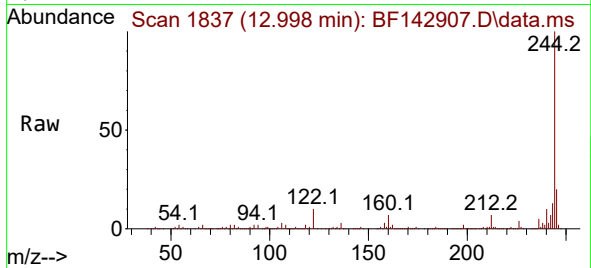




#79
 Terphenyl-d14
 Concen: 81.570 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

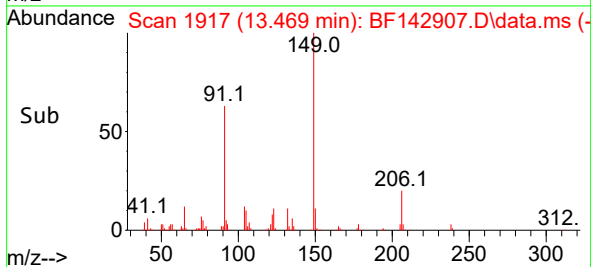
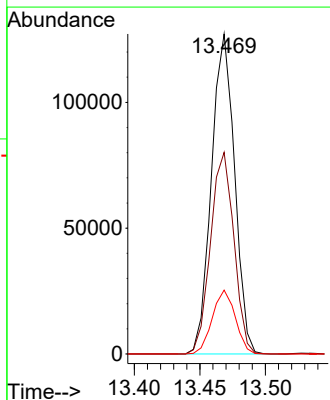
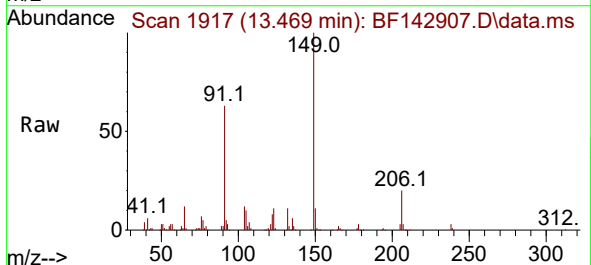
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

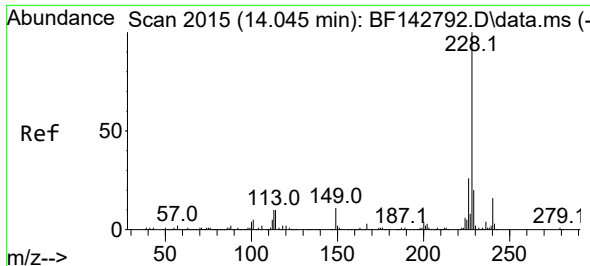
Tgt Ion:244 Resp: 743230
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 45.536 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142907.D
 Acq: 30 Jun 2025 09:43

Tgt Ion:149 Resp: 155871
 Ion Ratio Lower Upper
 149 100
 91 63.0 52.9 79.3
 206 19.9 16.3 24.5

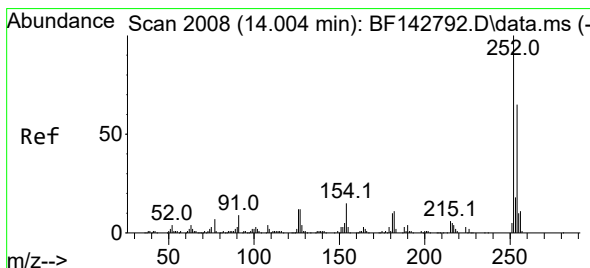
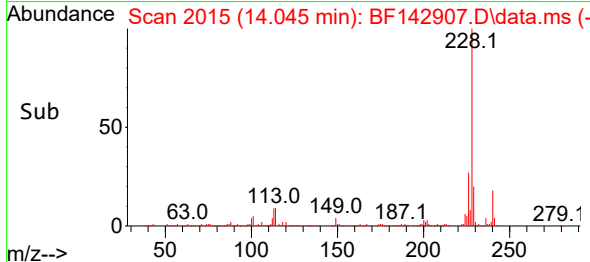
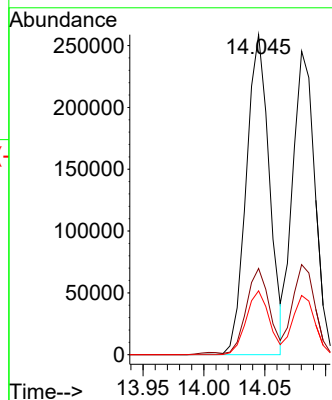
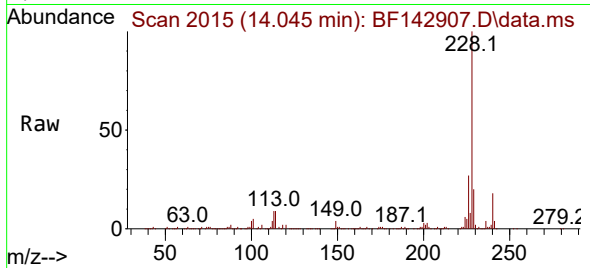




#81
Benzo(a)anthracene
Concen: 40.290 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

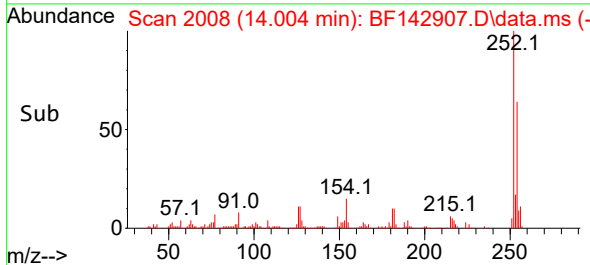
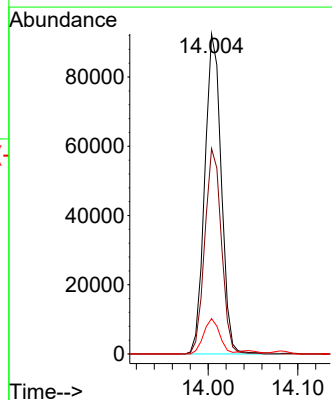
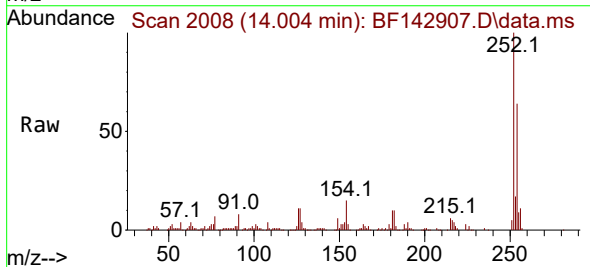
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

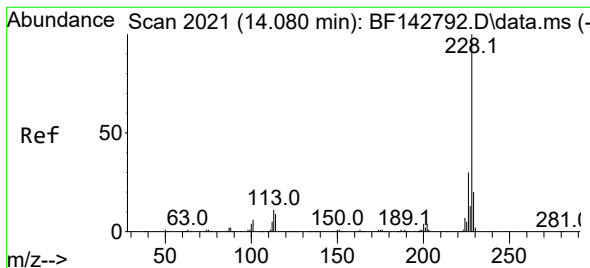
Tgt Ion:228 Resp: 342180
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.9 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.890 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:252 Resp: 118151
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 11.1 9.4 14.2





#83

Chrysene

Concen: 41.364 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

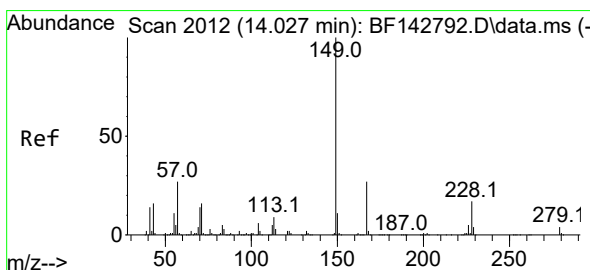
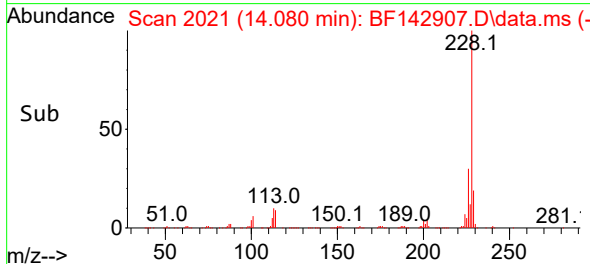
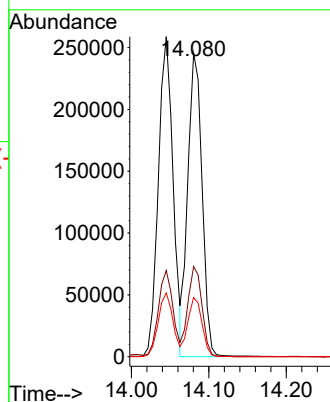
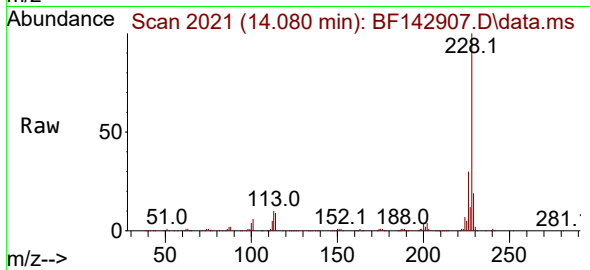
Tgt Ion:228 Resp: 313473

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.636 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

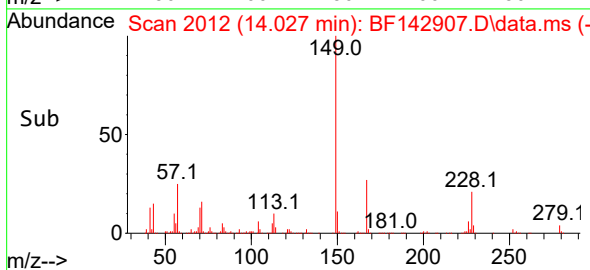
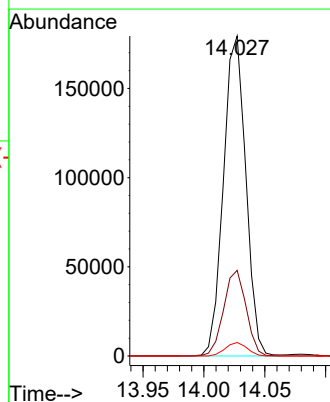
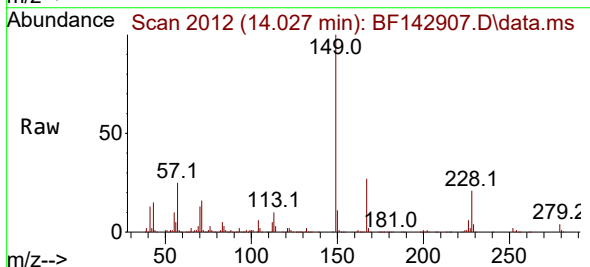
Tgt Ion:149 Resp: 229682

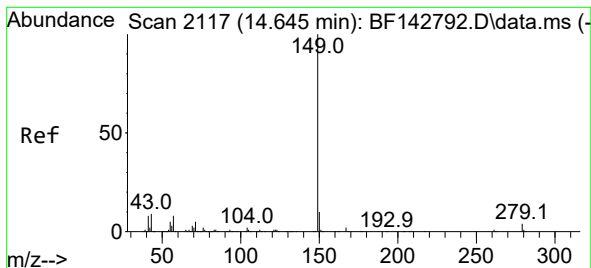
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.605 ng

RT: 14.639 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

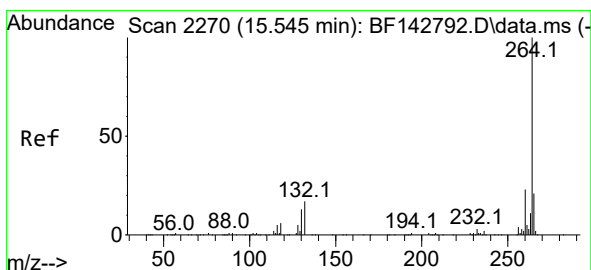
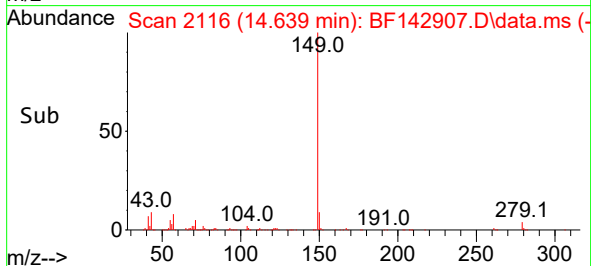
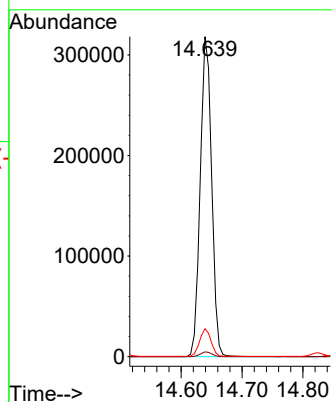
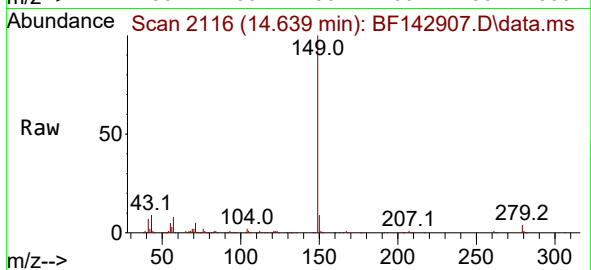
Tgt Ion:149 Resp: 414239

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

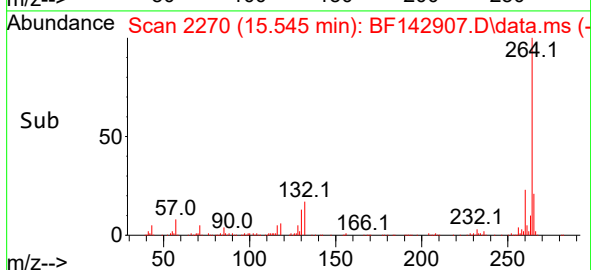
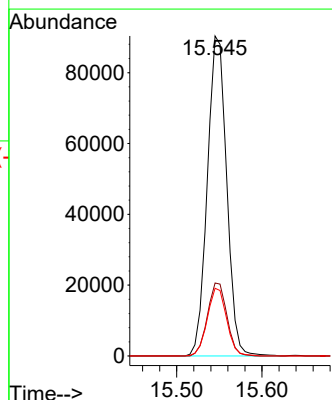
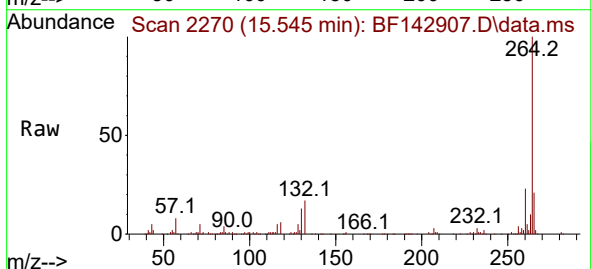
Tgt Ion:264 Resp: 142299

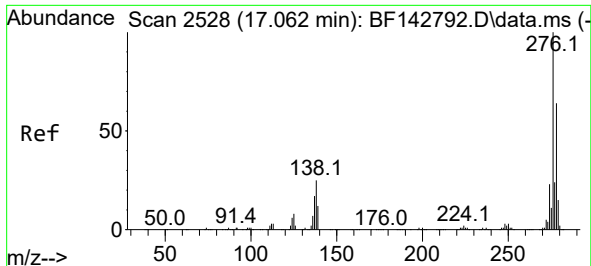
Ion Ratio Lower Upper

264 100

260 22.8 18.1 27.1

265 21.2 16.6 25.0

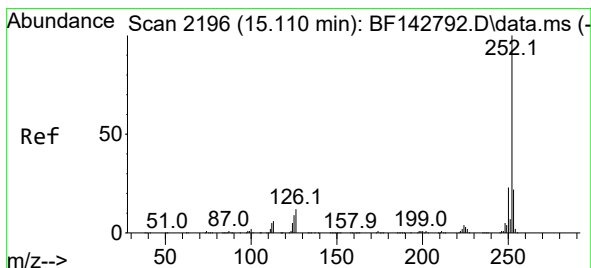
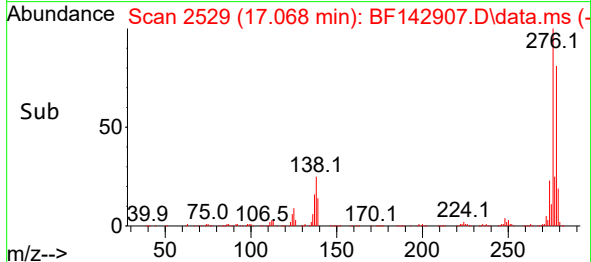
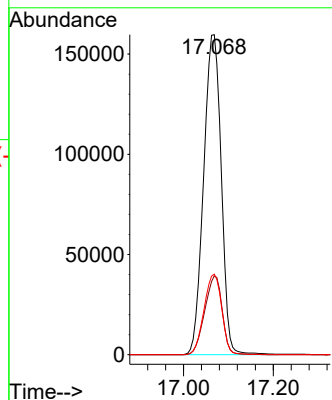
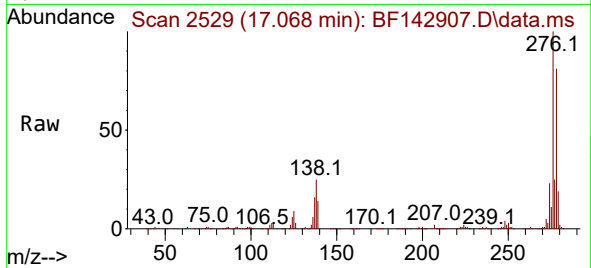




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.182 ng
RT: 17.068 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

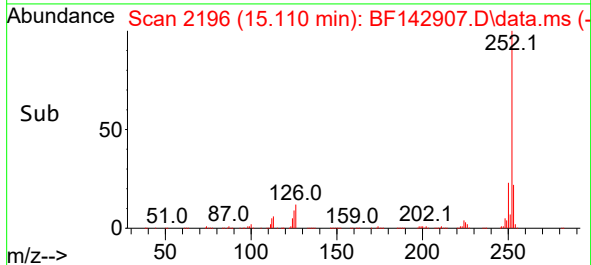
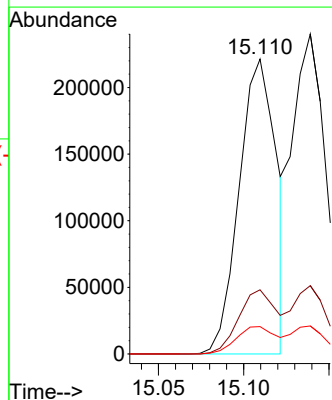
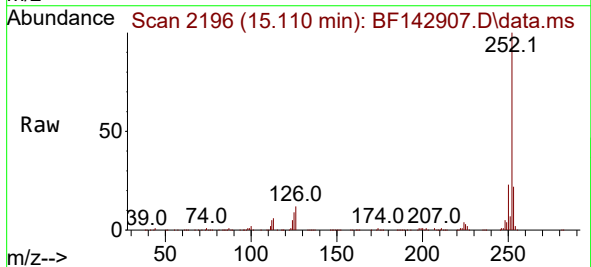
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

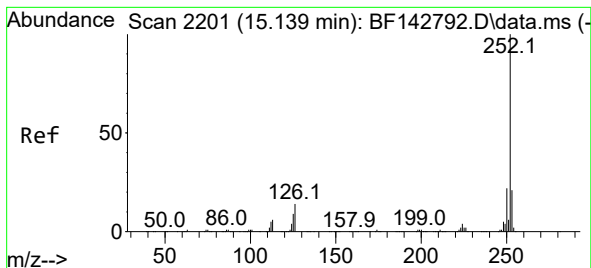
Tgt Ion:276 Resp: 435524
Ion Ratio Lower Upper
276 100
138 24.4 20.2 30.4
277 25.3 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 40.699 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:252 Resp: 335120
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 42.966 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

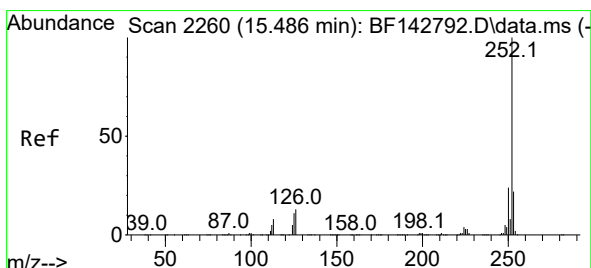
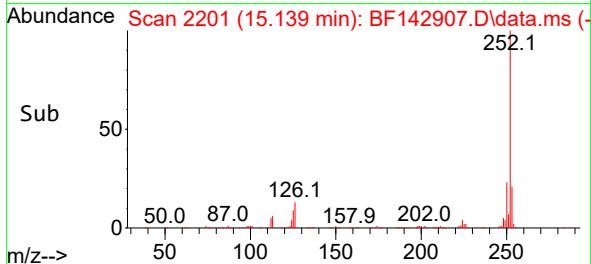
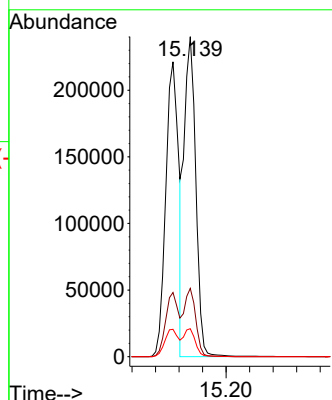
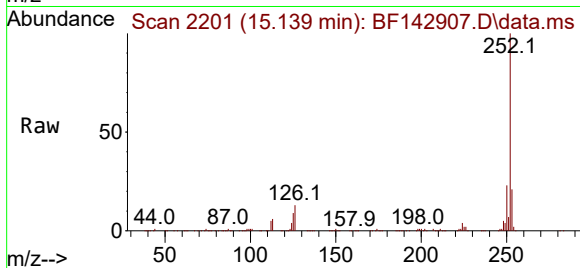
Tgt Ion:252 Resp: 330994

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 8.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.623 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142907.D

Acq: 30 Jun 2025 09:43

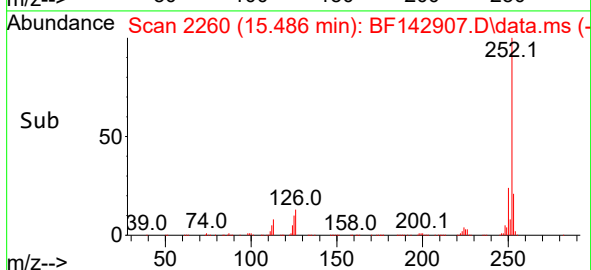
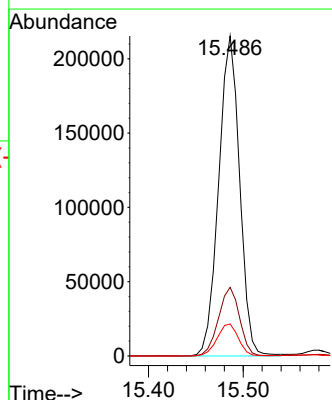
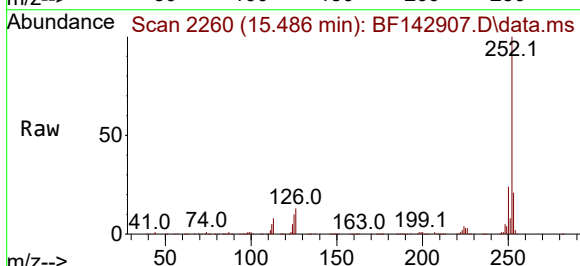
Tgt Ion:252 Resp: 331094

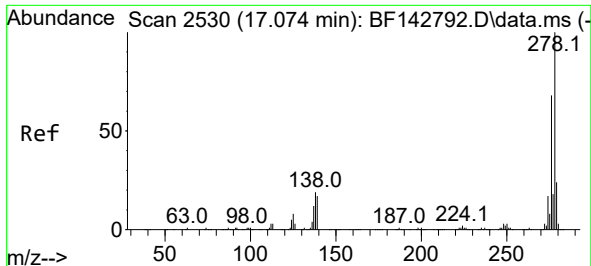
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.0 8.6 12.8

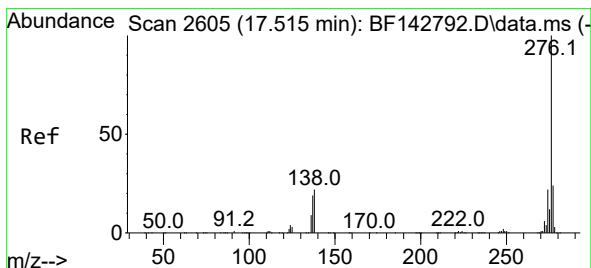
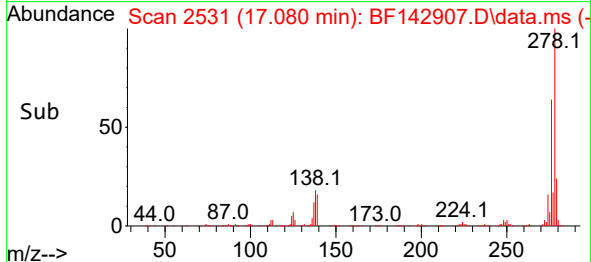
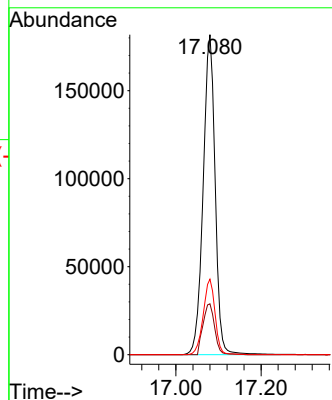
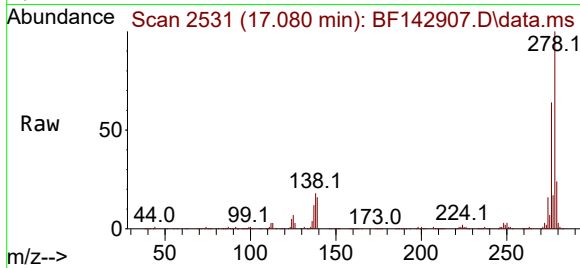




#91
Dibenzo(a,h)anthracene
Concen: 40.387 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 355675
Ion Ratio Lower Upper
278 100
139 15.9 13.5 20.3
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.339 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142907.D
Acq: 30 Jun 2025 09:43

Tgt Ion:276 Resp: 354249
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.9 17.6 26.4

