

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142576.D
 Acq On : 30 May 2025 18:16
 Operator : RC/JU
 Sample : Q2136-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MSD

Quant Time: May 30 18:37:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124028	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	470508	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	242418	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	379868	20.000	ng	0.00
76) Chrysene-d12	14.068	240	212601	20.000	ng	0.00
86) Perylene-d12	15.562	264	245371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	783864	106.478	ng	0.02
7) Phenol-d6	6.528	99	878380	99.120	ng	0.00
23) Nitrobenzene-d5	7.463	82	631221	73.154	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	305720	113.628	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1289525	71.379	ng	-0.01
79) Terphenyl-d14	13.010	244	1112720	71.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.851	88	99841	33.892	ng	# 82
3) Pyridine	3.563	79	261418	34.847	ng	99
4) n-Nitrosodimethylamine	3.504	42	150163	38.552	ng	95
6) Aniline	6.563	93	205443	17.242	ng	99
8) 2-Chlorophenol	6.687	128	319927	39.898	ng	100
9) Benzaldehyde	6.451	77	100550	18.865	ng	99
10) Phenol	6.539	94	324542	32.547	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	299436	41.717	ng	98
12) 1,3-Dichlorobenzene	6.839	146	327700	36.625	ng	99
13) 1,4-Dichlorobenzene	6.916	146	338090	37.512	ng	99
14) 1,2-Dichlorobenzene	7.069	146	328605	38.102	ng	99
15) Benzyl Alcohol	7.039	79	258220	39.430	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	465978	38.658	ng	98
17) 2-Methylphenol	7.151	107	244424	39.042	ng	100
18) Hexachloroethane	7.410	117	118055	37.511	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	211990	38.599	ng	99
20) 3+4-Methylphenols	7.304	107	302768	37.766	ng	95
22) Acetophenone	7.310	105	418924	40.221	ng	99
24) Nitrobenzene	7.481	77	316315	40.646	ng	99
25) Isophorone	7.722	82	568738	39.423	ng	98
26) 2-Nitrophenol	7.798	139	175413	42.184	ng	96
27) 2,4-Dimethylphenol	7.833	122	292423	39.876	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	362869	40.266	ng	99
29) 2,4-Dichlorophenol	8.039	162	275009	41.237	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	290494	40.136	ng	98
31) Naphthalene	8.204	128	939685	40.560	ng	100
32) Benzoic acid	7.928	122	106805	23.926	ng	98
33) 4-Chloroaniline	8.251	127	97494	10.385	ng	97
34) Hexachlorobutadiene	8.322	225	173533	38.399	ng	98
35) Caprolactam	8.616	113	45710	24.404	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	268141	39.233	ng	97
37) 2-Methylnaphthalene	8.892	142	577789	39.642	ng	99
38) 1-Methylnaphthalene	8.992	142	593914	39.394	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	296147	42.557	ng	99
41) Hexachlorocyclopentadiene	9.045	237	338363	72.079	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	196799	41.940	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	205422	41.509	ng	97
46) 1,1'-Biphenyl	9.357	154	779832	41.464	ng	99
47) 2-Chloronaphthalene	9.386	162	588430	42.347	ng	99
48) 2-Nitroaniline	9.480	65	170224	42.382	ng	97
49) Acenaphthylene	9.804	152	959073	40.875	ng	100
50) Dimethylphthalate	9.657	163	673733	42.120	ng	100
51) 2,6-Dinitrotoluene	9.722	165	147716	42.787	ng	97
52) Acenaphthene	9.975	154	608380	42.463	ng	98
53) 3-Nitroaniline	9.886	138	70778	18.770	ng	100
54) 2,4-Dinitrophenol	9.998	184	89612	50.242	ng	93
55) Dibenzofuran	10.145	168	847125	41.088	ng	98
56) 4-Nitrophenol	10.051	139	197474	70.976	ng	97
57) 2,4-Dinitrotoluene	10.127	165	193552	42.929	ng	100
58) Fluorene	10.492	166	644596	40.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	169747	41.087	ng	98
60) Diethylphthalate	10.357	149	638554	40.875	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	314156	40.150	ng	97
62) 4-Nitroaniline	10.504	138	135831	39.718	ng	97
63) Azobenzene	10.639	77	567396	40.437	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	72905	34.390	ng	99
66) n-Nitrosodiphenylamine	10.598	169	571003	43.937	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	197022	43.864	ng	98
68) Hexachlorobenzene	11.039	284	211910	42.656	ng	98
69) Atrazine	11.122	200	166142	48.138	ng	99
70) Pentachlorophenol	11.233	266	214707	76.550	ng	99
71) Phenanthrene	11.451	178	863437	42.532	ng	100
72) Anthracene	11.504	178	870310	42.006	ng	100
73) Carbazole	11.657	167	753408	42.536	ng	100
74) Di-n-butylphthalate	11.986	149	886880	45.744	ng	100
75) Fluoranthene	12.639	202	787754	41.528	ng	98
77) Benzidine	12.763	184	71899	9.088	ng	98
78) Pyrene	12.868	202	781676	39.414	ng	100
80) Butylbenzylphthalate	13.486	149	286040	52.196	ng	98
81) Benzo(a)anthracene	14.057	228	631985	44.517	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	97190	22.571	ng	98
83) Chrysene	14.098	228	532085	41.711	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	386398	55.079	ng	99
85) Di-n-octyl phthalate	14.662	149	649611	47.358	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	747984	40.605	ng	99
88) Benzo(b)fluoranthene	15.121	252	633407	43.616	ng	98
89) Benzo(k)fluoranthene	15.157	252	556087	40.884	ng	99
90) Benzo(a)pyrene	15.504	252	591575	43.217	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	607103	40.635	ng	99
92) Benzo(g,h,i)perylene	17.539	276	593272	39.701	ng	98

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

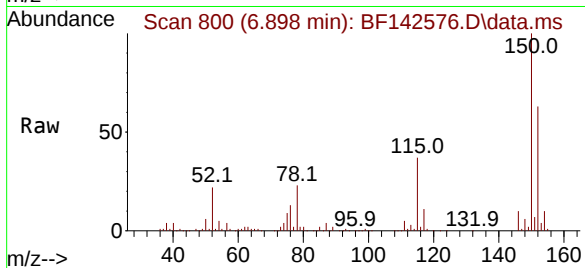
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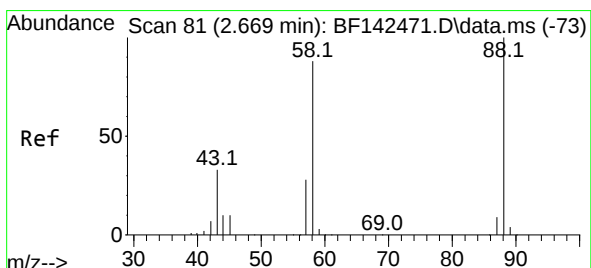
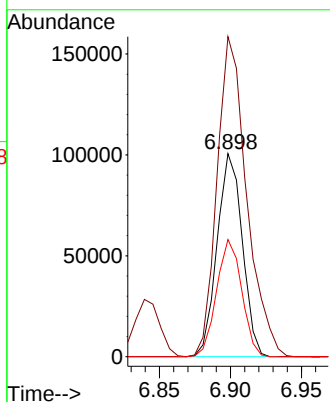
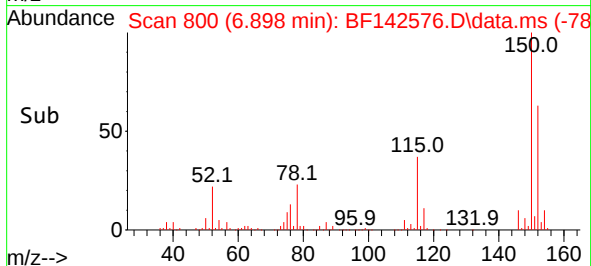


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142576.D
 Acq: 30 May 2025 18:16

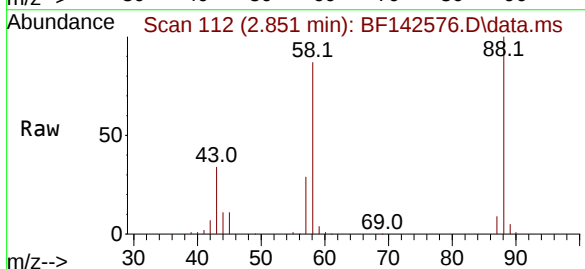
Instrument :
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 OR-646-COMP-52MSD



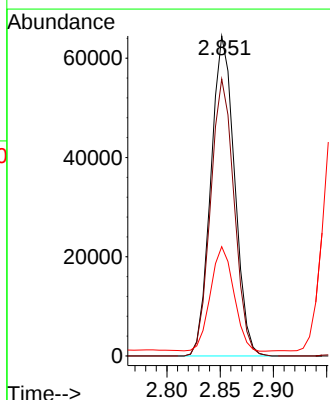
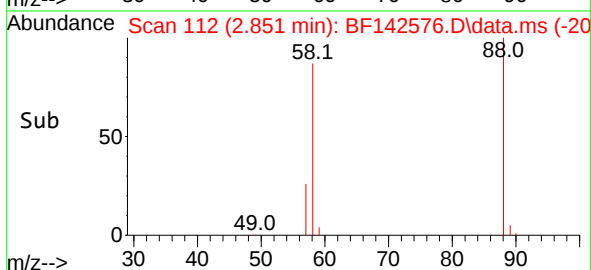
Tgt Ion:152 Resp: 124028
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.2 192.4
 115 57.7 48.3 72.5

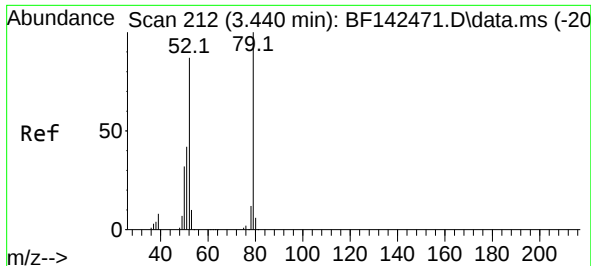


#2
 1,4-Dioxane
 Concen: 33.892 ng
 RT: 2.851 min Scan# 112
 Delta R.T. 0.188 min
 Lab File: BF142576.D
 Acq: 30 May 2025 18:16



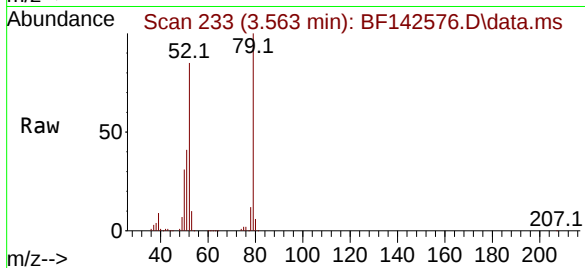
Tgt Ion: 88 Resp: 99841
 Ion Ratio Lower Upper
 88 100
 58 86.1 70.8 106.2
 43 0.0 26.6 40.0#



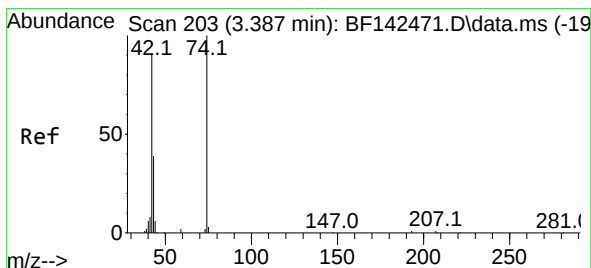
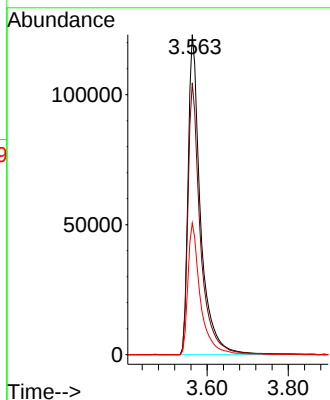
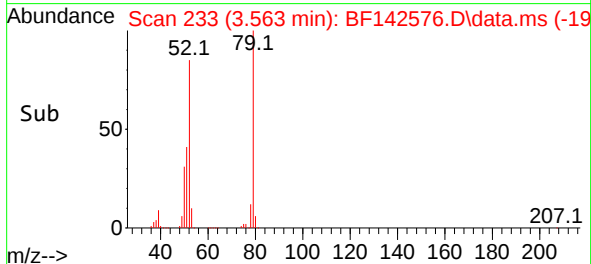


#3
Pyridine
Concen: 34.847 ng
RT: 3.563 min Scan# 212
Delta R.T. 0.124 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

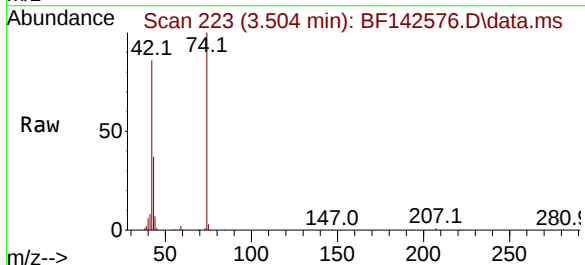
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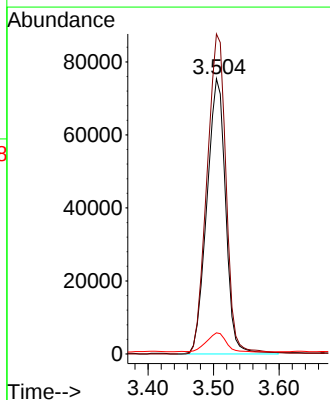
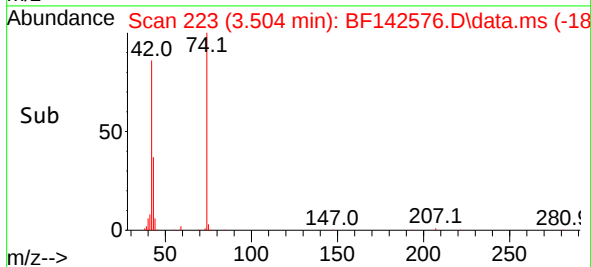
Tgt Ion: 79 Resp: 261418
Ion Ratio Lower Upper
79 100
52 85.0 69.2 103.8
51 41.2 33.3 49.9

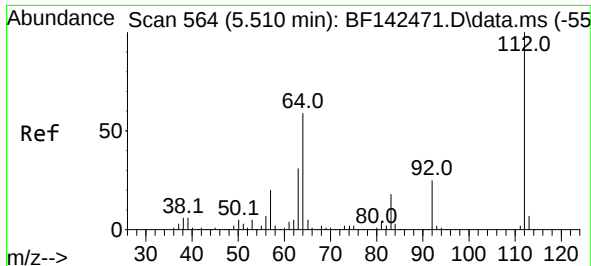


#4
n-Nitrosodimethylamine
Concen: 38.552 ng
RT: 3.504 min Scan# 223
Delta R.T. 0.100 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16



Tgt Ion: 42 Resp: 150163
Ion Ratio Lower Upper
42 100
74 116.2 88.2 132.4
44 7.7 5.4 8.2

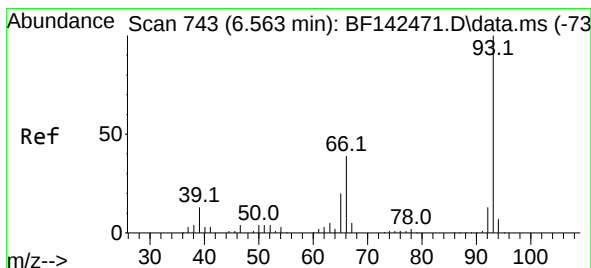
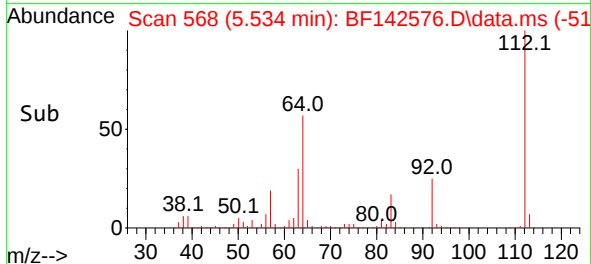
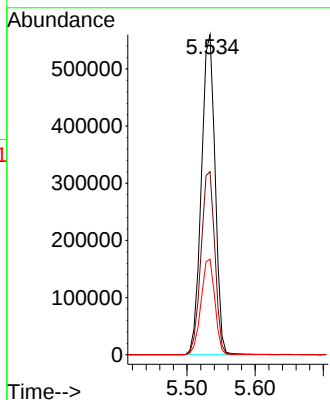
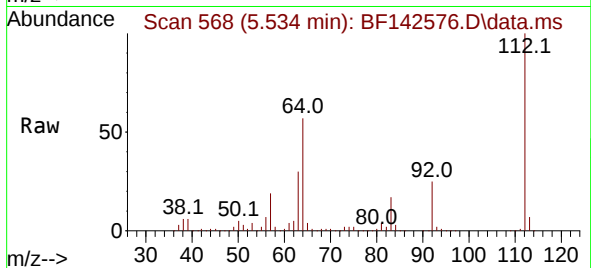




#5
2-Fluorophenol
Concen: 106.478 ng
RT: 5.534 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

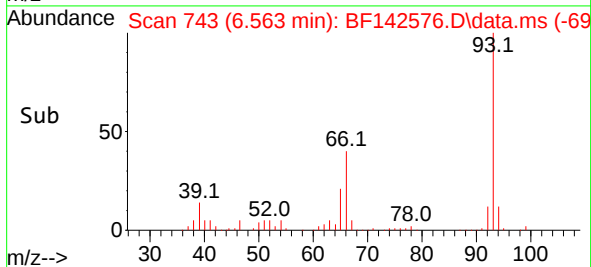
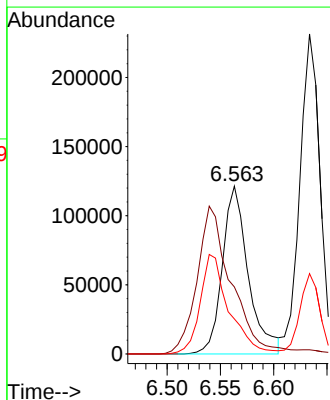
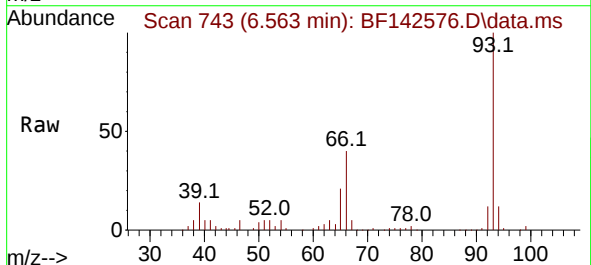
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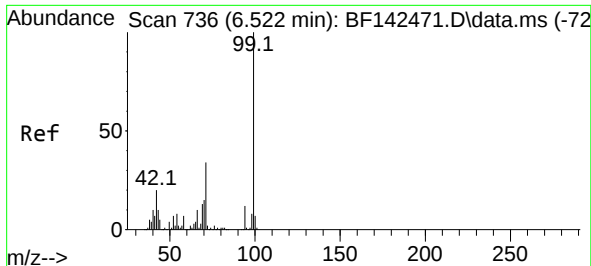
Tgt Ion:112 Resp: 783864
Ion Ratio Lower Upper
112 100
64 57.2 47.5 71.3
63 29.9 24.9 37.3



#6
Aniline
Concen: 17.242 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion: 93 Resp: 205443
Ion Ratio Lower Upper
93 100
66 40.0 32.0 48.0
65 20.9 16.1 24.1

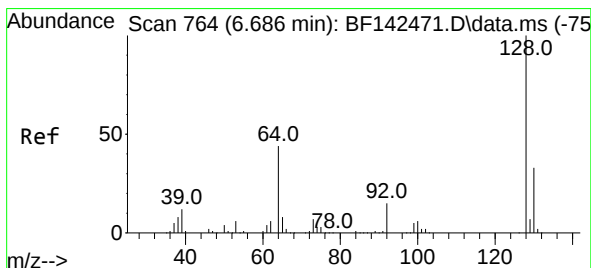
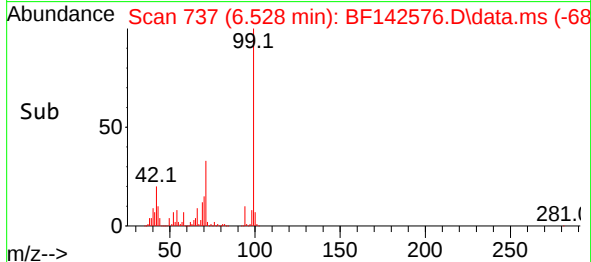
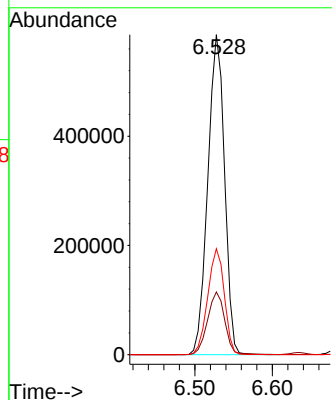
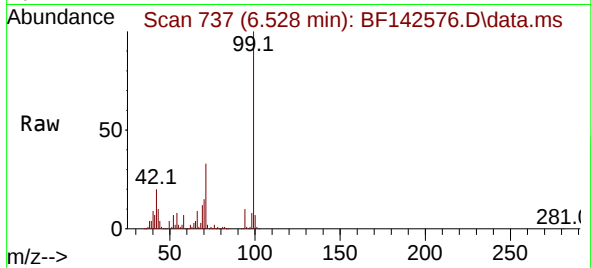




#7
Phenol-d6
Concen: 99.120 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

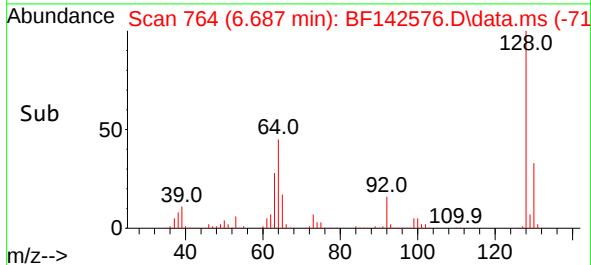
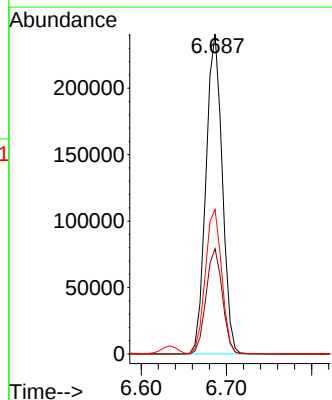
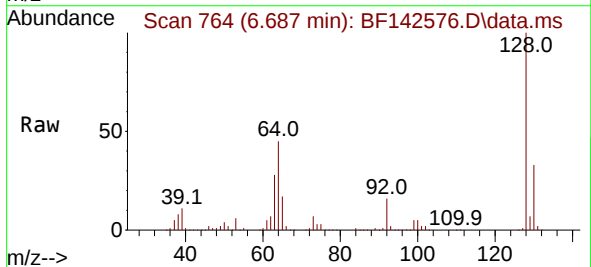
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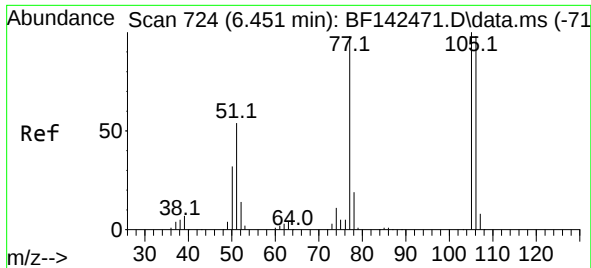
Tgt Ion: 99 Resp: 878380
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.1 27.3 40.9



#8
2-Chlorophenol
Concen: 39.898 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:128 Resp: 319927
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 45.1 25.1 65.1

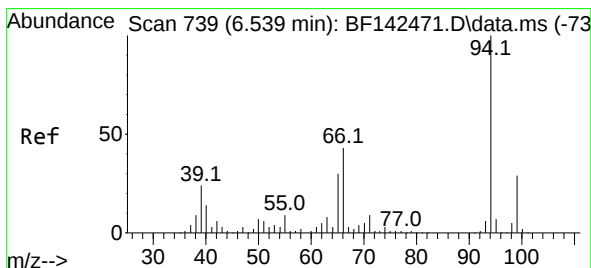
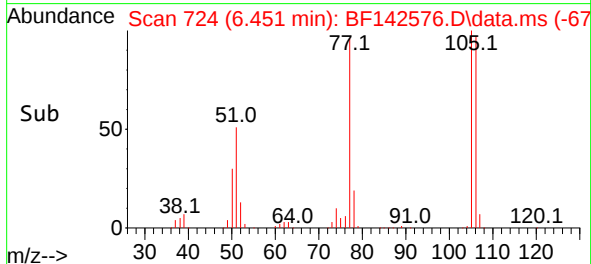
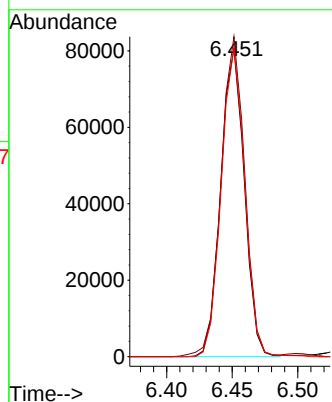
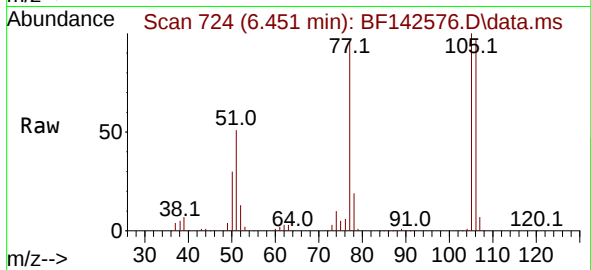




#9
Benzaldehyde
Concen: 18.865 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

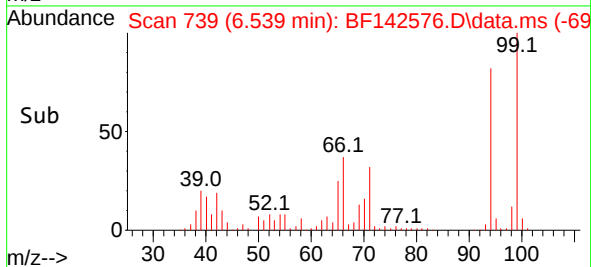
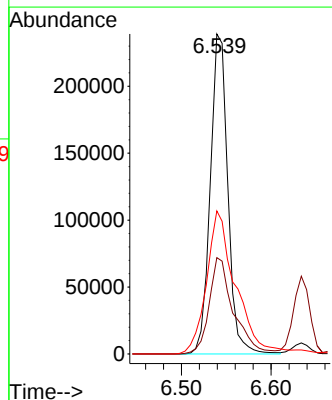
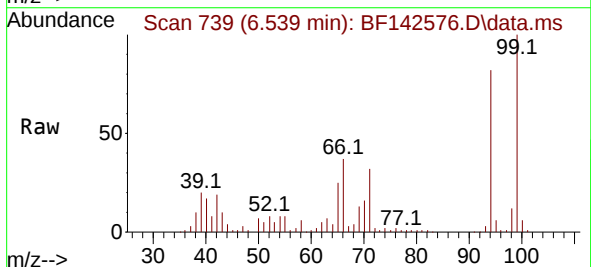
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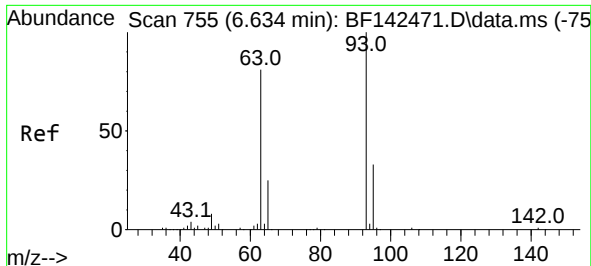
Tgt Ion: 77 Resp: 100550
Ion Ratio Lower Upper
77 100
105 103.9 82.5 122.5
106 100.3 80.0 120.0



#10
Phenol
Concen: 32.547 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142576.D
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Tgt Ion: 94 Resp: 324542
Ion Ratio Lower Upper
94 100
65 30.1 10.3 50.3
66 44.7 22.6 62.6

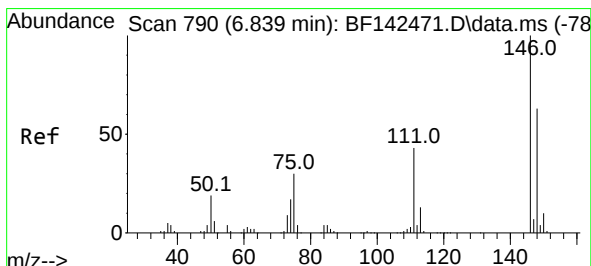
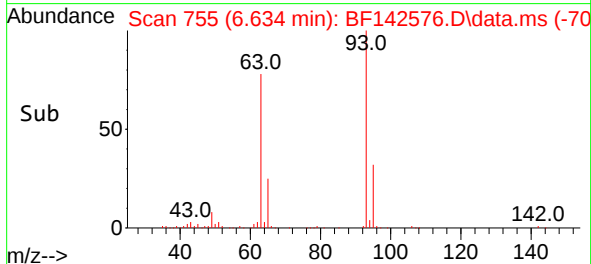
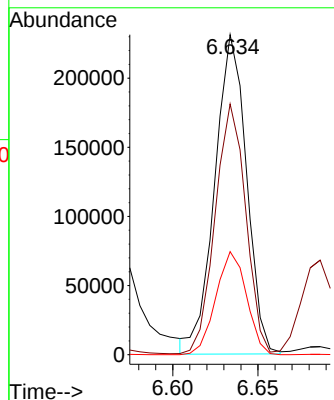
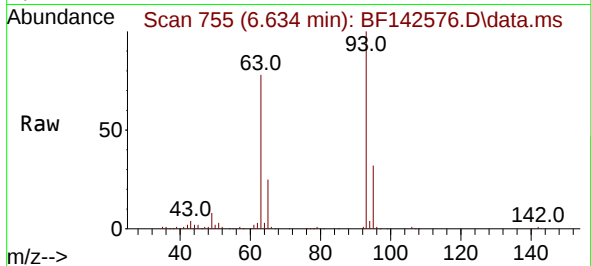




#11
bis(2-Chloroethyl)ether
Concen: 41.717 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

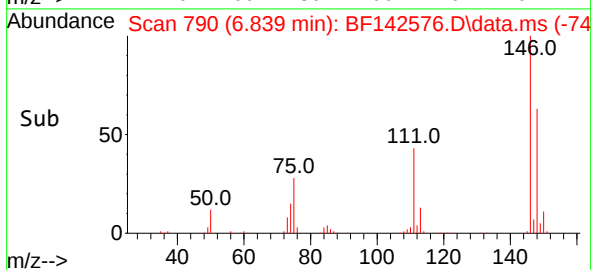
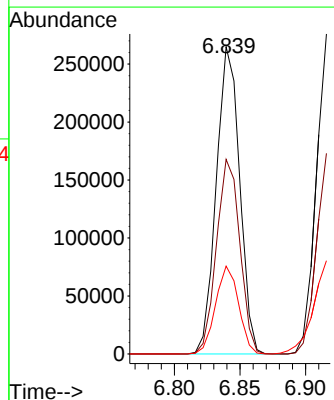
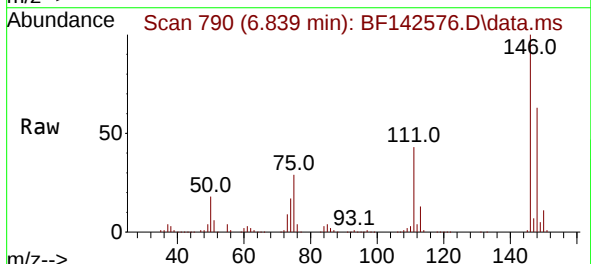
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

Tgt Ion: 93 Resp: 299436
Ion Ratio Lower Upper
93 100
63 78.4 60.2 100.2
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.625 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:146 Resp: 327700
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 28.6 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 37.512 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD

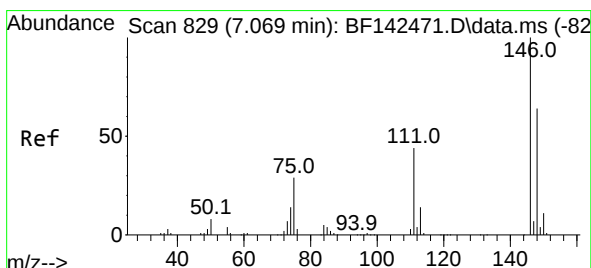
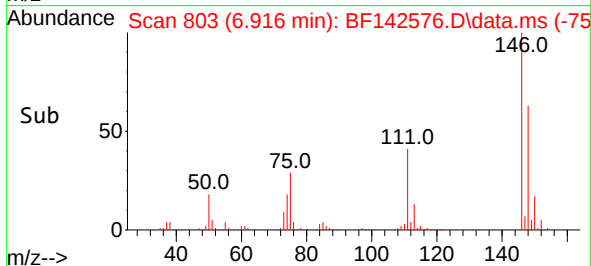
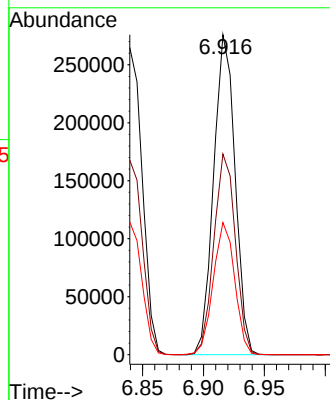
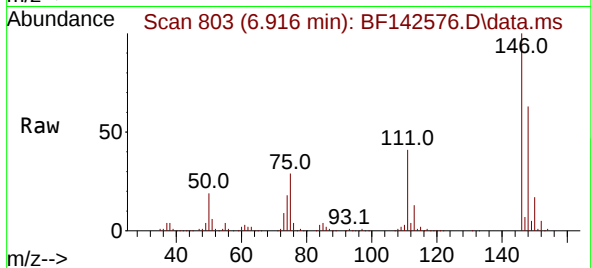
Tgt Ion:146 Resp: 338090

Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

111 41.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.102 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

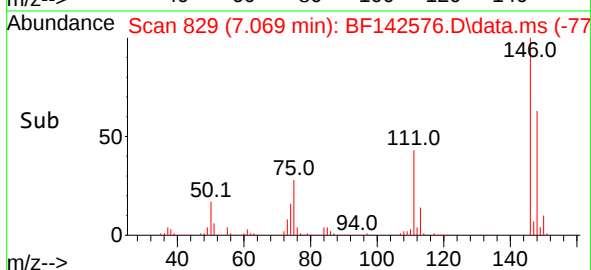
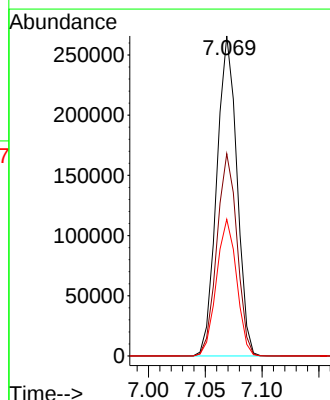
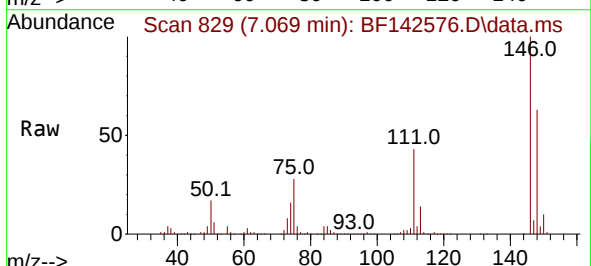
Tgt Ion:146 Resp: 328605

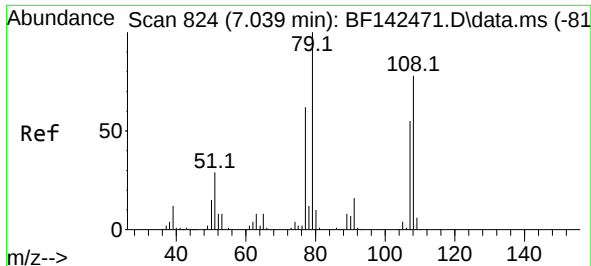
Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.4

111 42.7 35.0 52.6

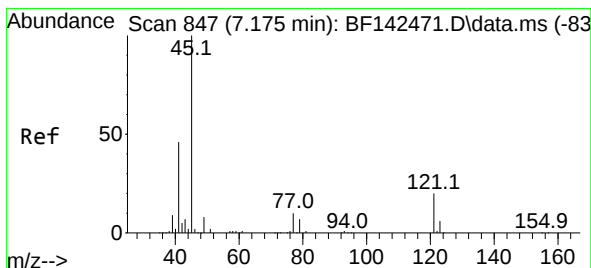
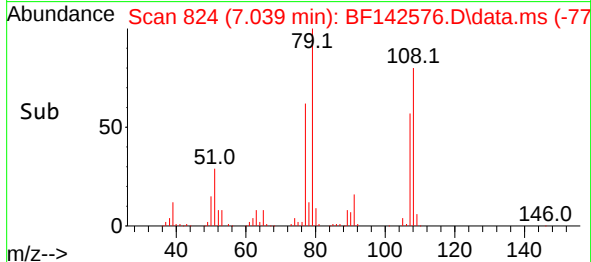
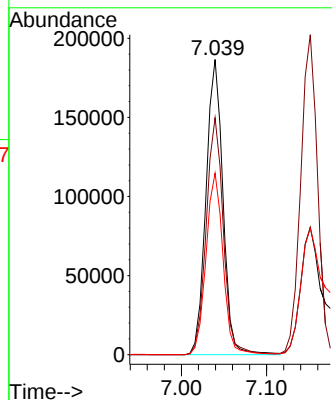
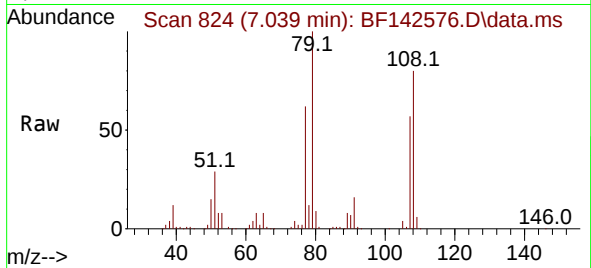




#15
Benzyl Alcohol
Concen: 39.430 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

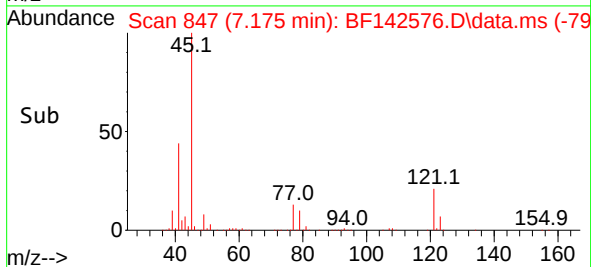
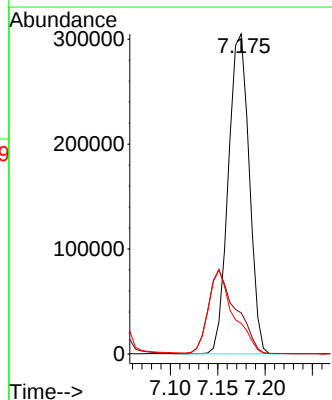
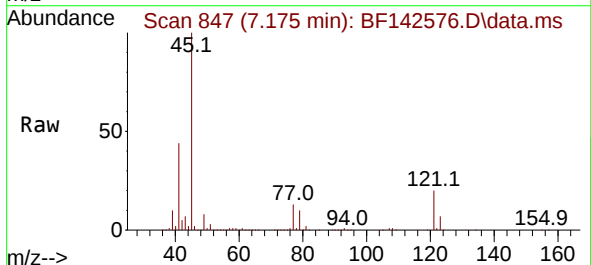
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

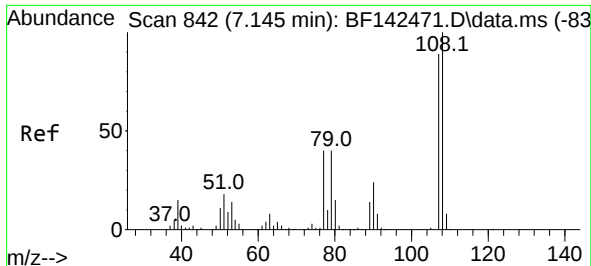
Tgt Ion: 79 Resp: 258220
Ion Ratio Lower Upper
79 100
108 80.2 62.1 93.1
77 61.5 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.658 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

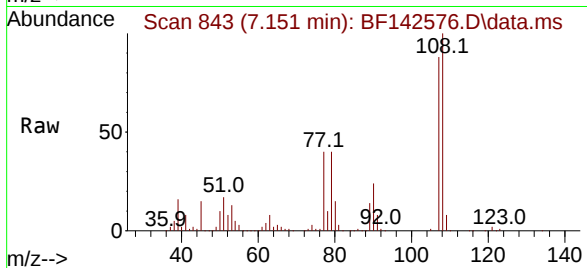
Tgt Ion: 45 Resp: 465978
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.0
79 9.6 0.0 29.2



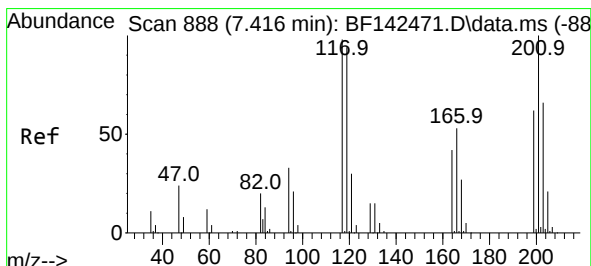
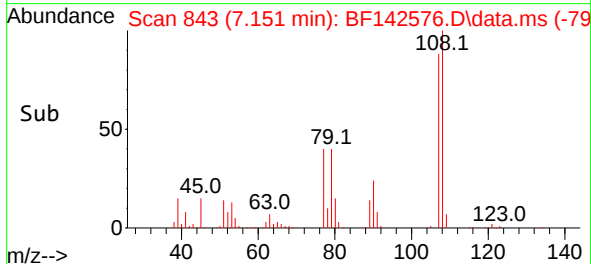
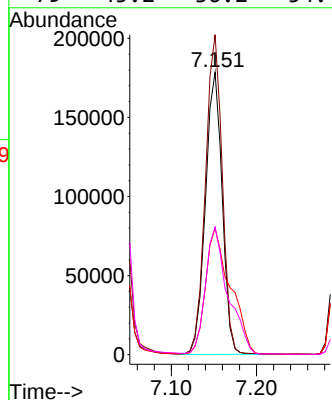


#17
2-Methylphenol
Concen: 39.042 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

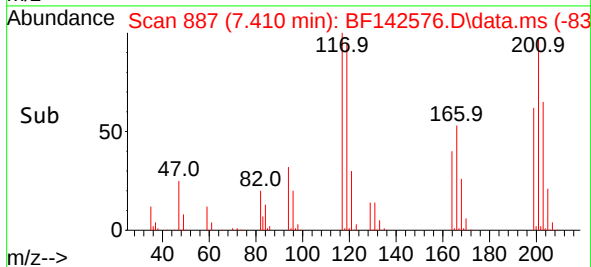
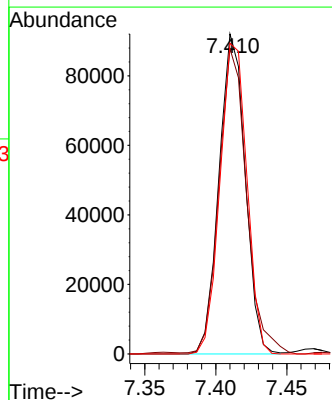
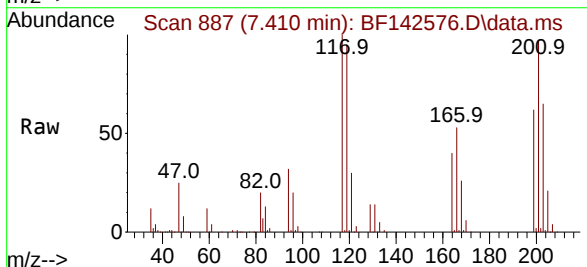


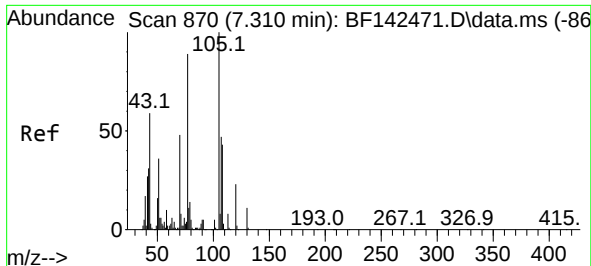
Tgt Ion:	107	Resp:	244424
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.2	135.2
77	44.9	36.1	54.1
79	45.2	36.2	54.4



#18
Hexachloroethane
Concen: 37.511 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:	117	Resp:	118055
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	114.8
201	97.1	81.3	121.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.599 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142576.D

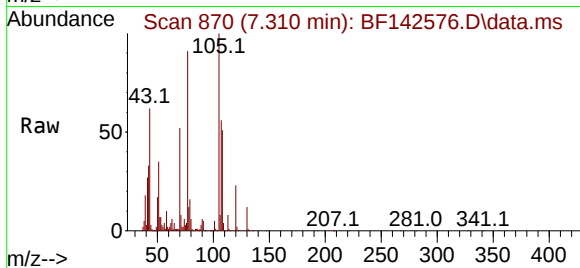
Acq: 30 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD



Tgt Ion: 70 Resp: 211990

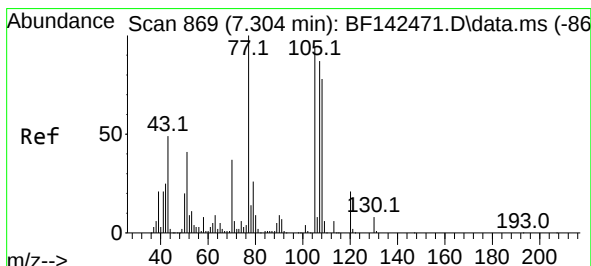
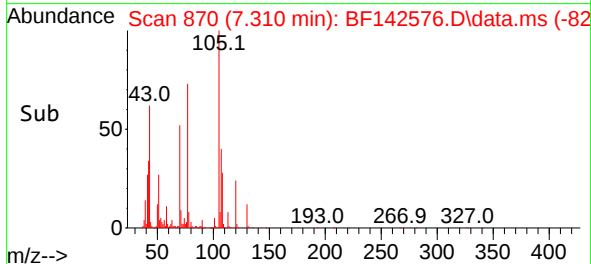
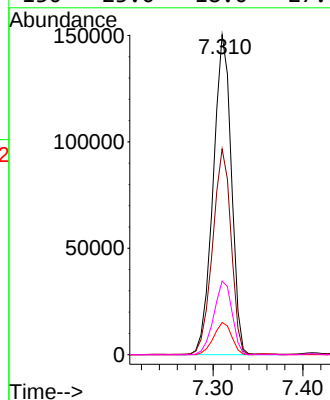
Ion Ratio Lower Upper

70 100

42 64.3 52.4 78.6

101 10.0 7.8 11.8

130 23.0 18.0 27.0



#20

3+4-Methylphenols

Concen: 37.766 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

Tgt Ion: 107 Resp: 302768

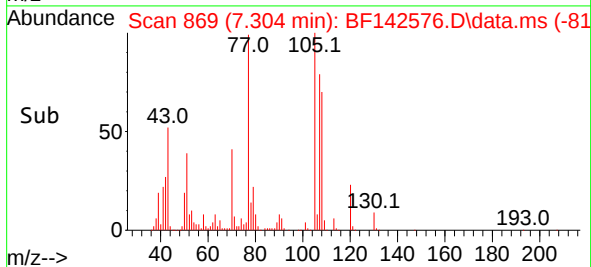
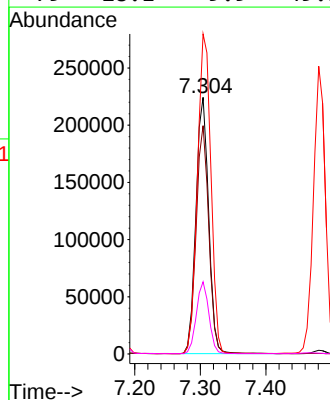
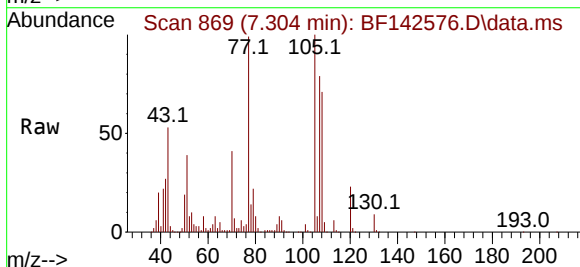
Ion Ratio Lower Upper

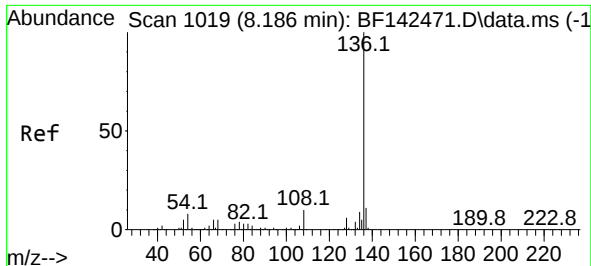
107 100

108 89.0 70.4 110.4

77 124.7 95.4 135.4

79 28.1 9.9 49.9

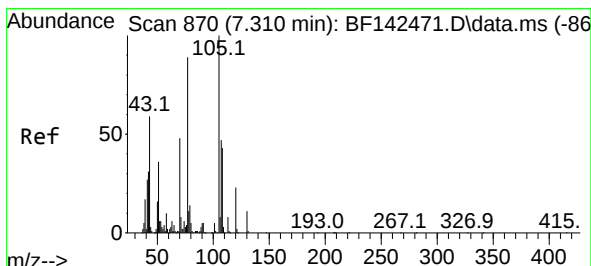
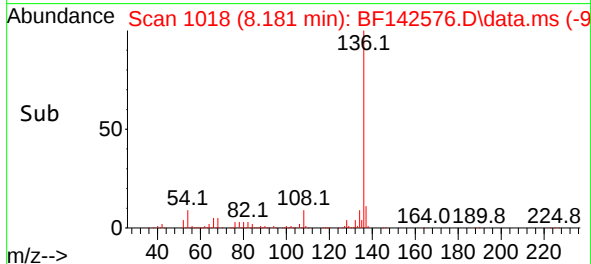
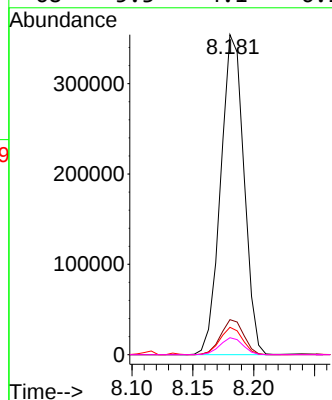
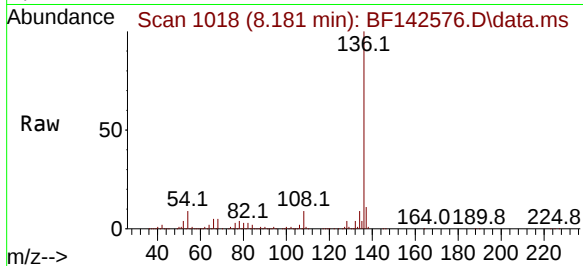




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

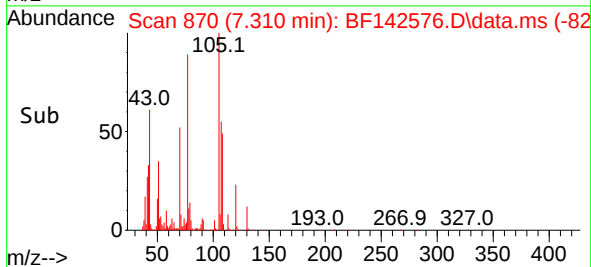
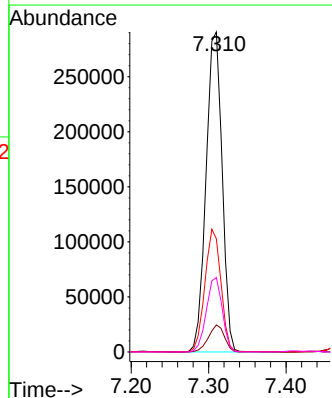
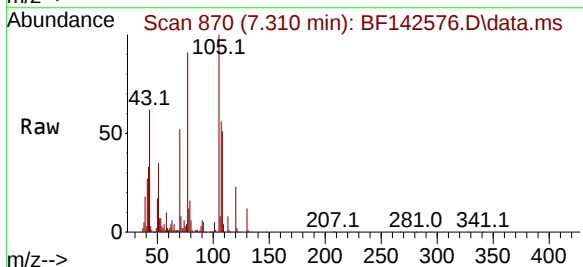
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

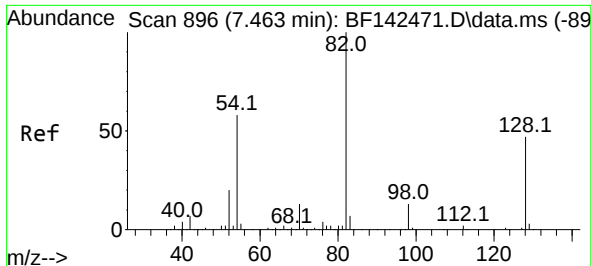
Tgt Ion:136 Resp: 470508
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 40.221 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:105 Resp: 418924
Ion Ratio Lower Upper
105 100
71 8.5 6.4 9.6
51 35.4 28.6 42.8
120 23.2 18.5 27.7

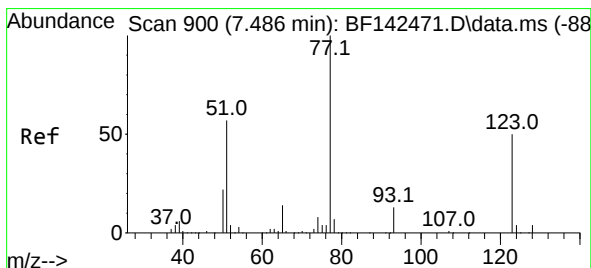
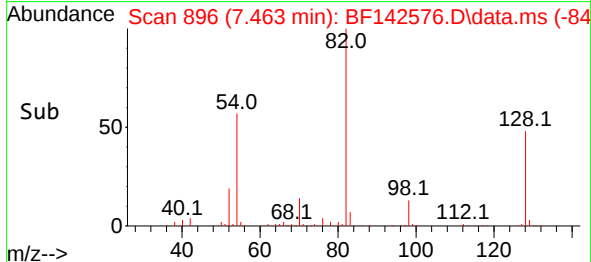
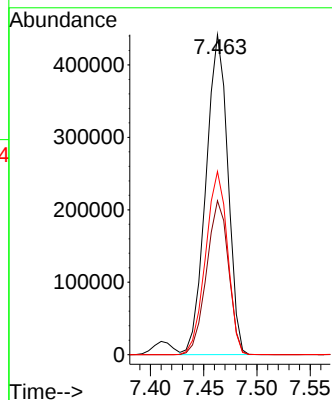
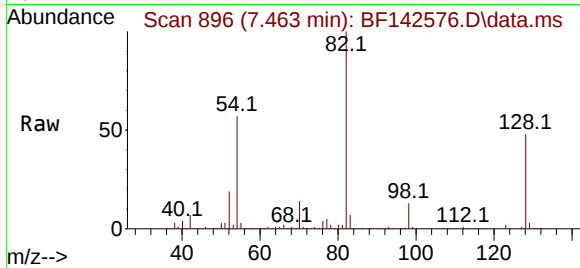




#23
Nitrobenzene-d5
Concen: 73.154 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

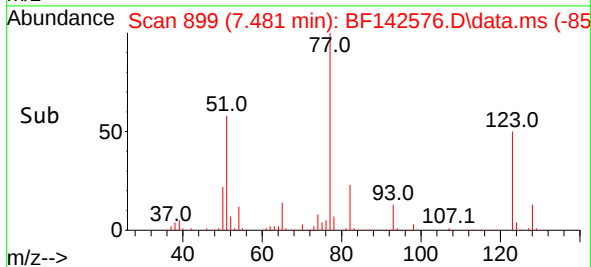
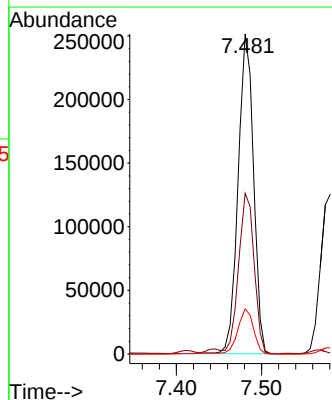
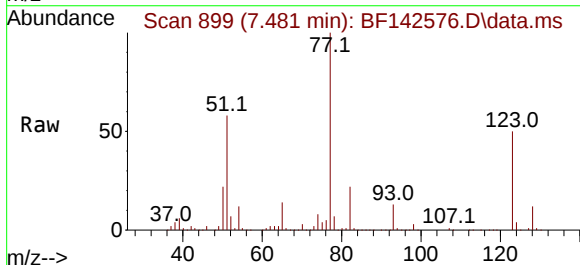
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

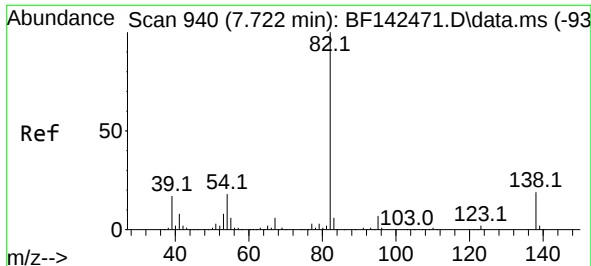
Tgt Ion: 82 Resp: 631221
Ion Ratio Lower Upper
82 100
128 48.1 37.4 56.2
54 57.3 46.6 70.0



#24
Nitrobenzene
Concen: 40.646 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion: 77 Resp: 316315
Ion Ratio Lower Upper
77 100
123 50.2 40.6 61.0
65 14.1 11.4 17.2

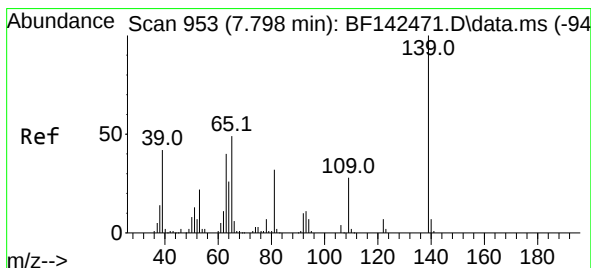
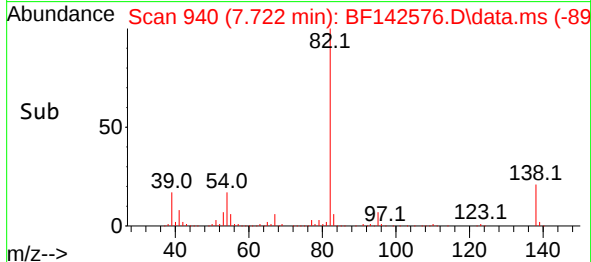
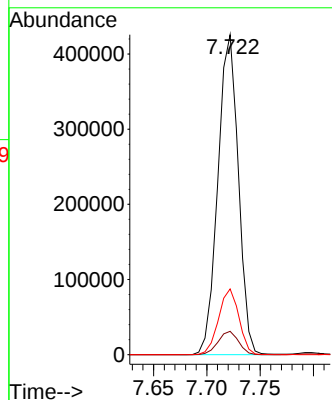
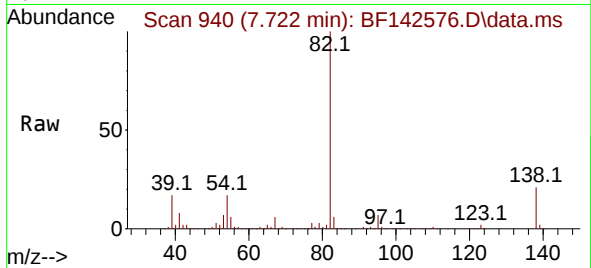




#25
Isophorone
Concen: 39.423 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

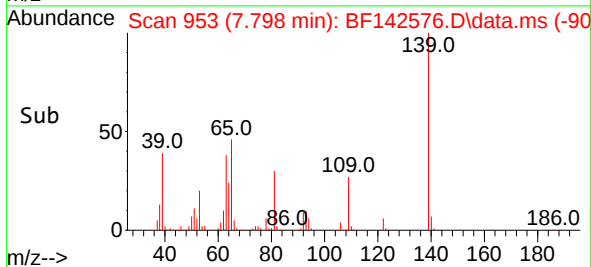
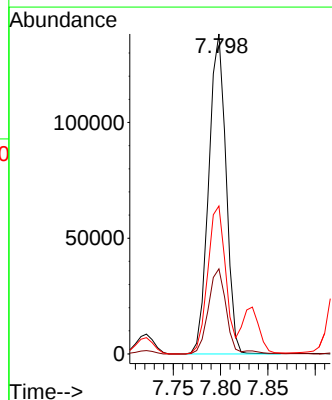
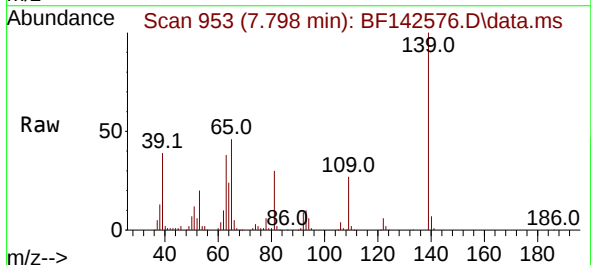
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

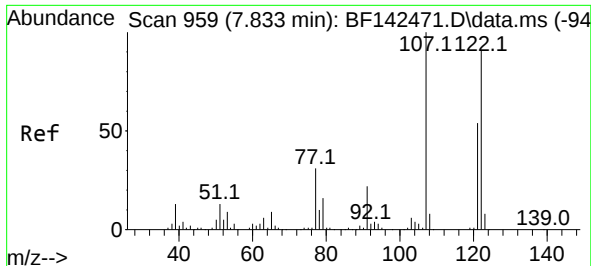
Tgt Ion: 82 Resp: 568738
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.5 15.5 23.3



#26
2-Nitrophenol
Concen: 42.184 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:139 Resp: 175413
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 46.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 39.876 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142576.D

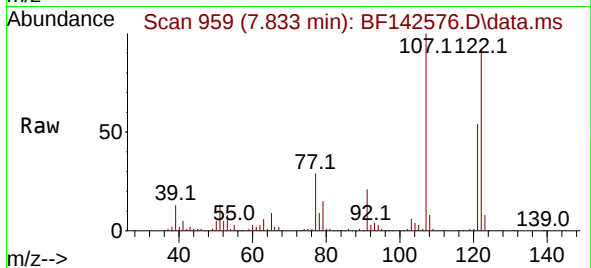
Acq: 30 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD



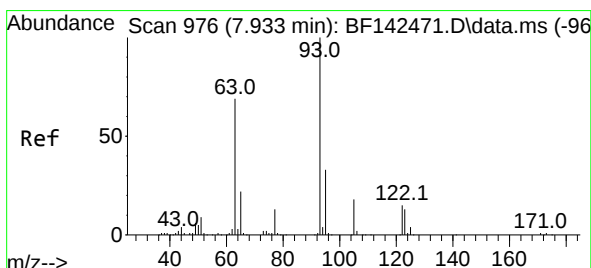
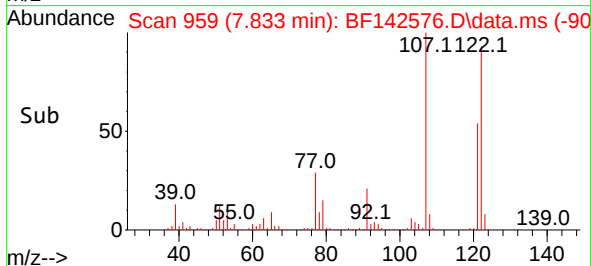
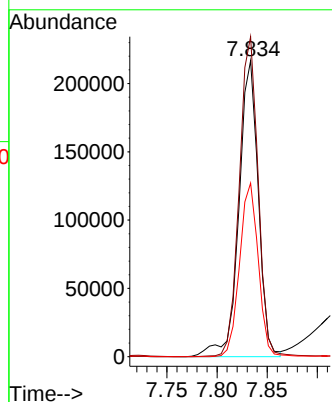
Tgt Ion:122 Resp: 292423

Ion Ratio Lower Upper

122 100

107 108.1 88.1 132.1

121 58.7 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.266 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

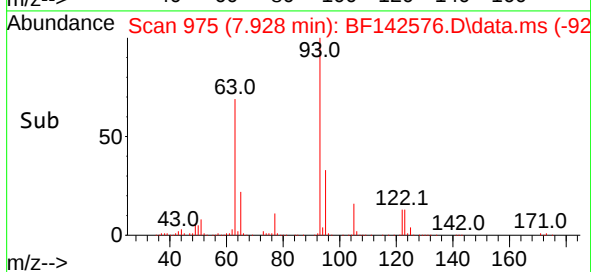
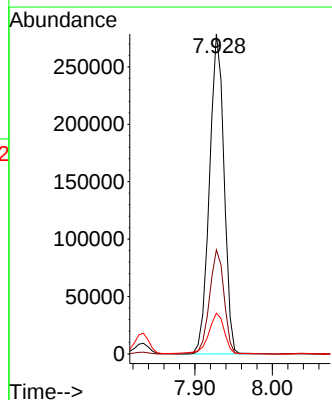
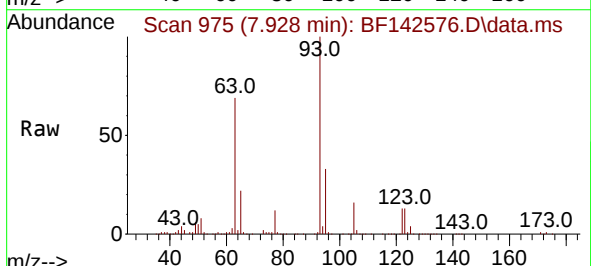
Tgt Ion: 93 Resp: 362869

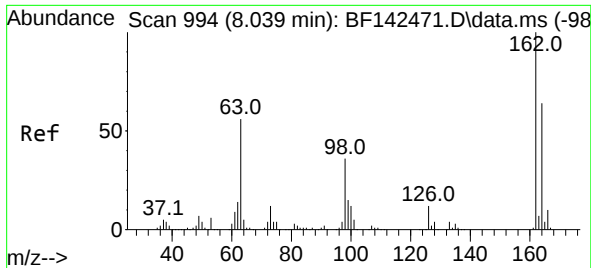
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.237 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142576.D

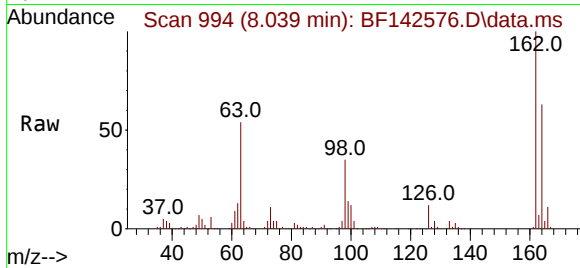
Acq: 30 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD



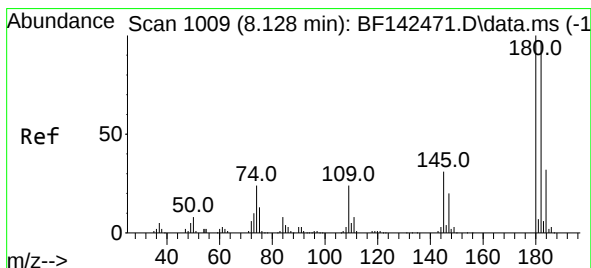
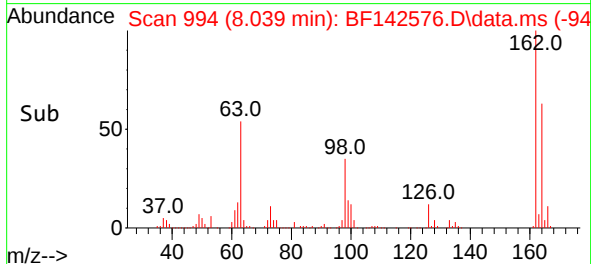
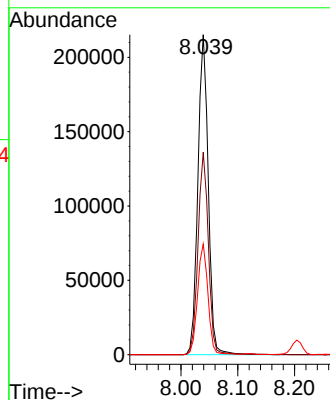
Tgt Ion:162 Resp: 275009

Ion Ratio Lower Upper

162 100

164 63.2 43.7 83.7

98 34.6 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 40.136 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

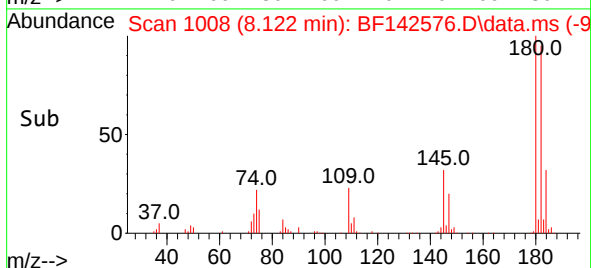
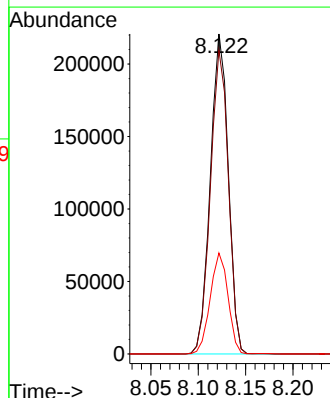
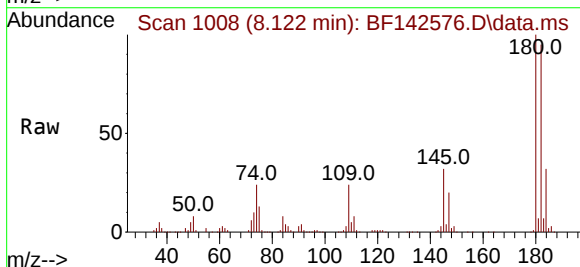
Tgt Ion:180 Resp: 290494

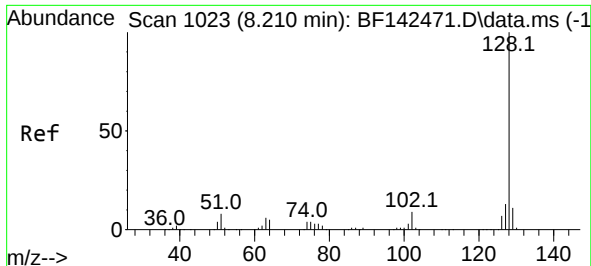
Ion Ratio Lower Upper

180 100

182 94.9 78.0 117.0

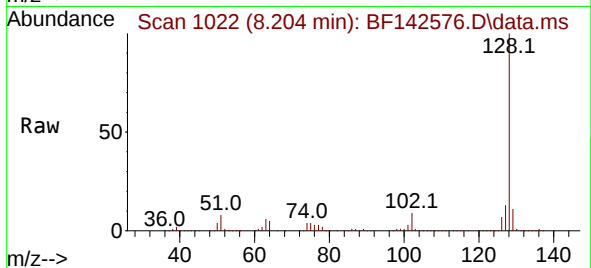
145 31.5 25.0 37.6



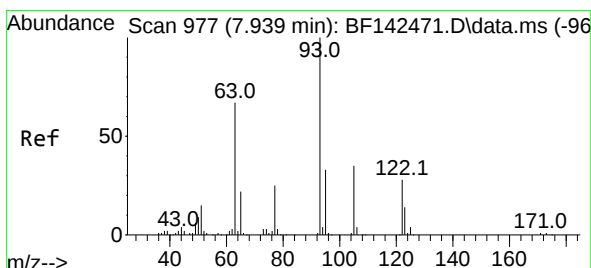
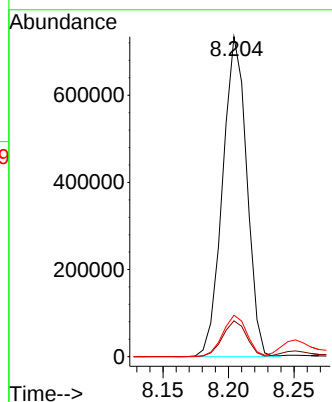
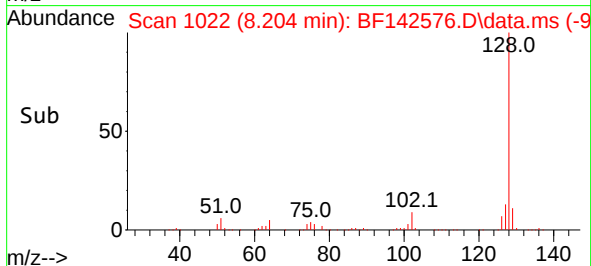


#31
Naphthalene
Concen: 40.560 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

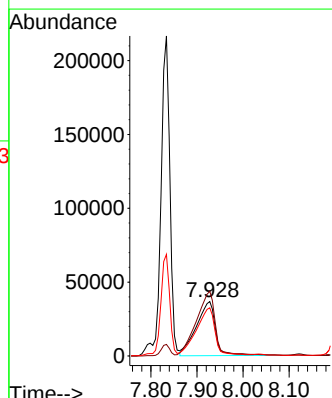
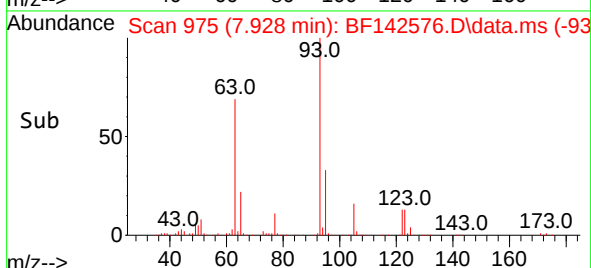
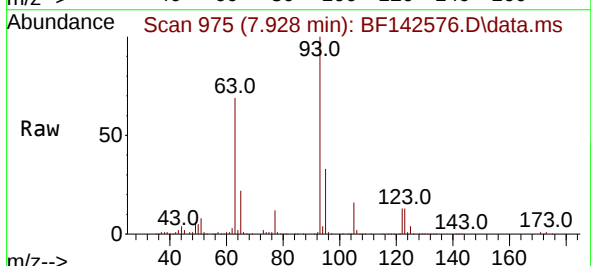


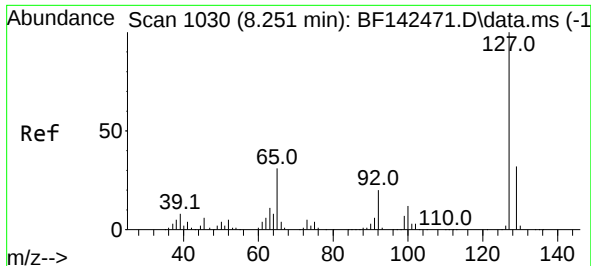
Tgt Ion:128 Resp: 939685
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 23.926 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.047 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:122 Resp: 106805
Ion Ratio Lower Upper
122 100
105 118.7 101.7 141.7
77 88.4 69.5 109.5

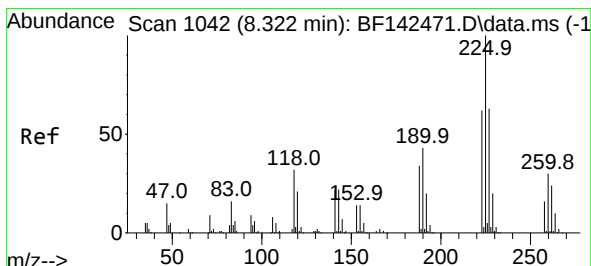
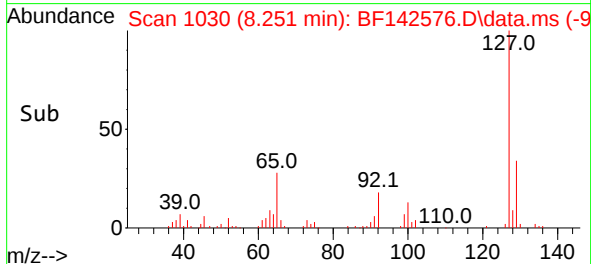
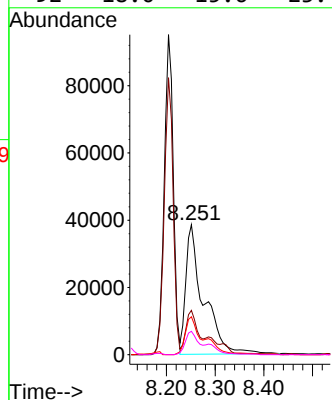
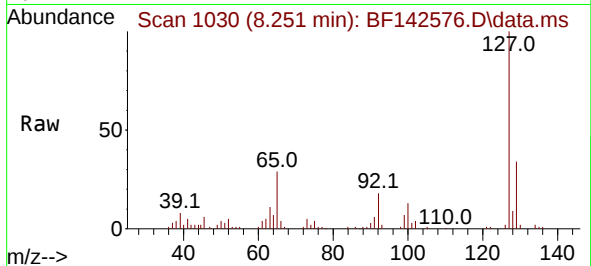




#33
4-Chloroaniline
Concen: 10.385 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

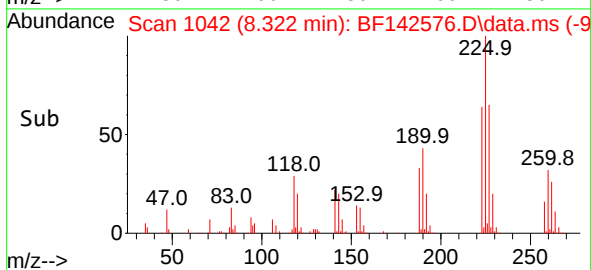
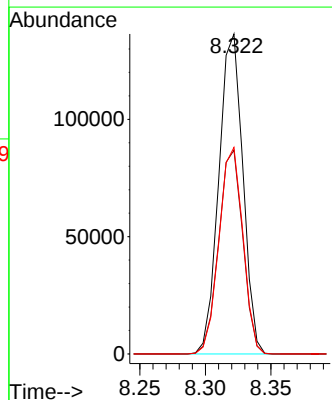
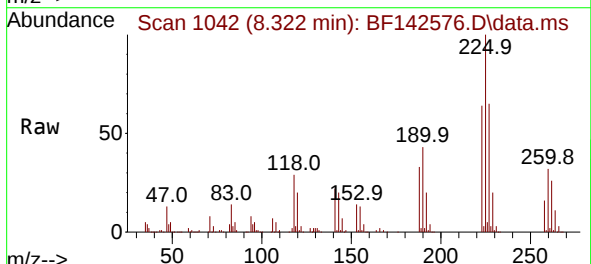
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

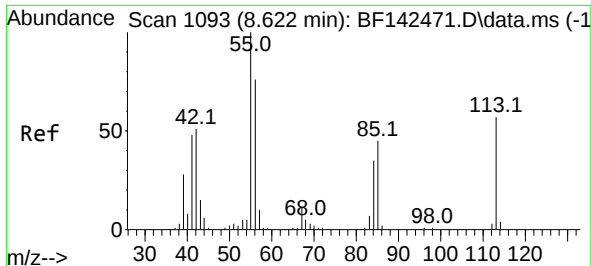
Tgt Ion:127	Resp:	97494
Ion	Ratio	Lower Upper
127	100	
129	34.1	26.1 39.1
65	29.2	24.9 37.3
92	18.0	15.6 23.4



#34
Hexachlorobutadiene
Concen: 38.399 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:225	Resp:	173533
Ion	Ratio	Lower Upper
225	100	
223	63.7	49.7 74.5
227	64.6	50.3 75.5

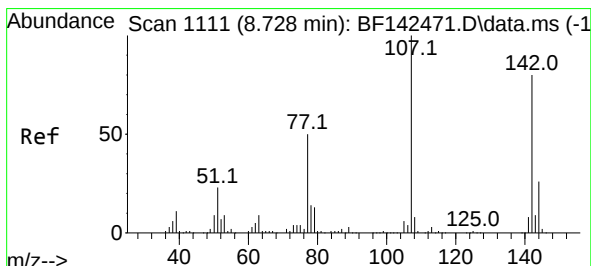
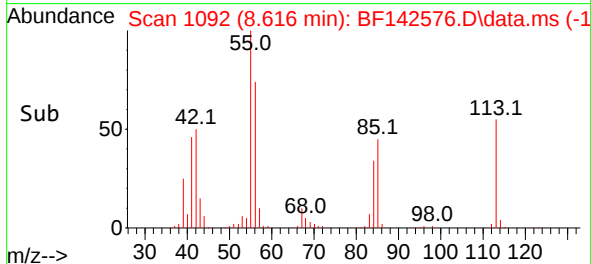
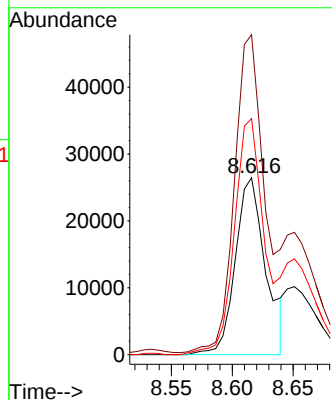
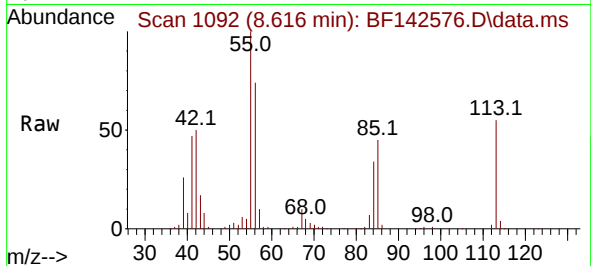




#35
Caprolactam
Concen: 24.404 ng
RT: 8.616 min Scan# 1109
Delta R.T. -0.029 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

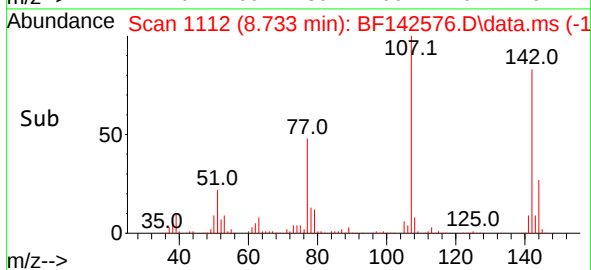
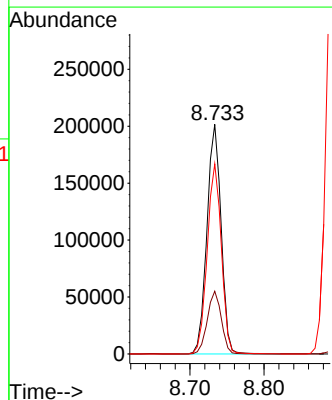
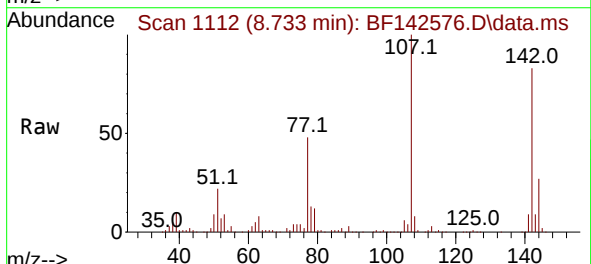
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

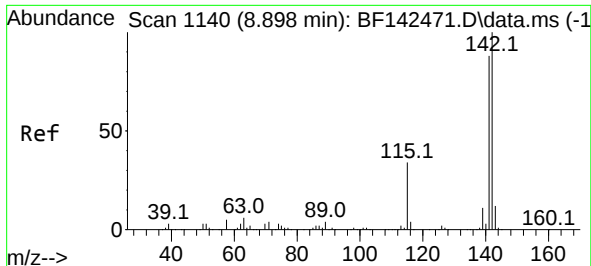
Tgt Ion:113 Resp: 45710
Ion Ratio Lower Upper
113 100
55 180.9 154.7 194.7
56 133.5 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 39.233 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:107 Resp: 268141
Ion Ratio Lower Upper
107 100
144 27.3 20.9 31.3
142 82.8 64.2 96.2

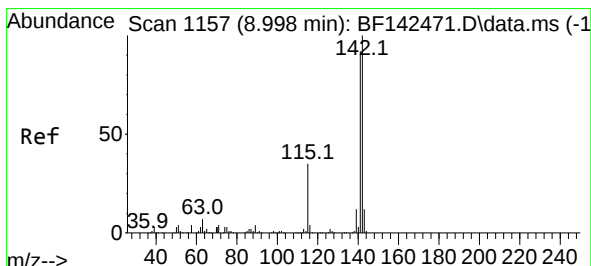
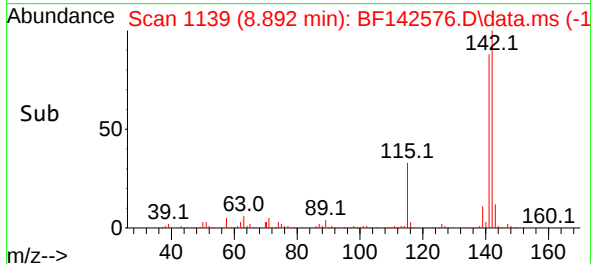
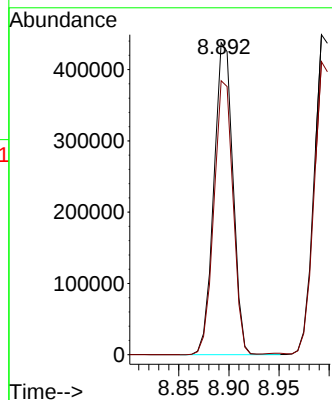
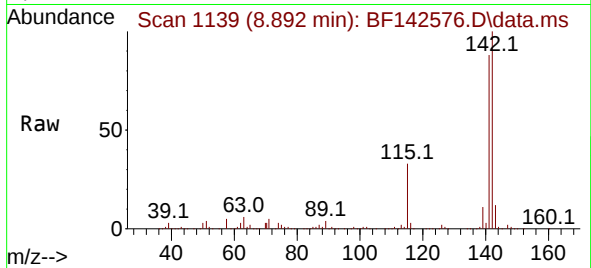




#37
2-Methylnaphthalene
Concen: 39.642 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

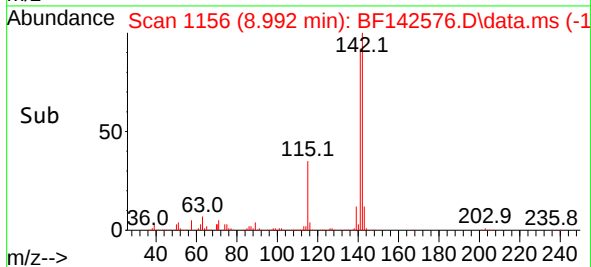
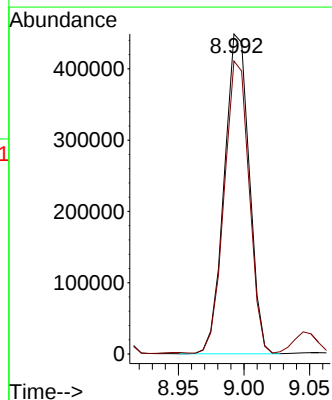
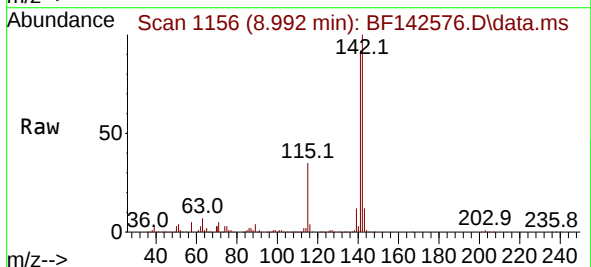
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

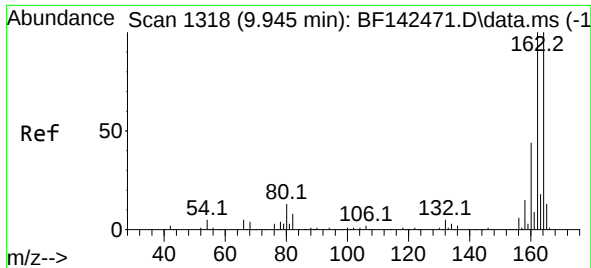
Tgt Ion:142 Resp: 577789
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1



#38
1-Methylnaphthalene
Concen: 39.394 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:142 Resp: 593914
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142576.D

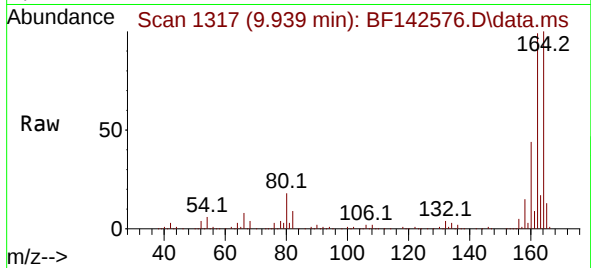
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Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD



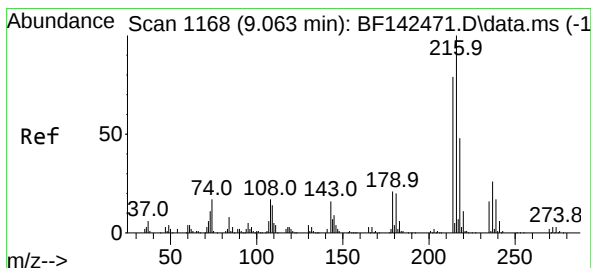
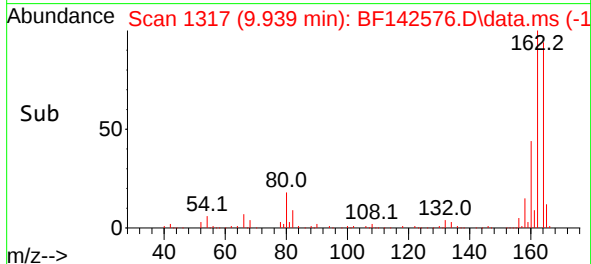
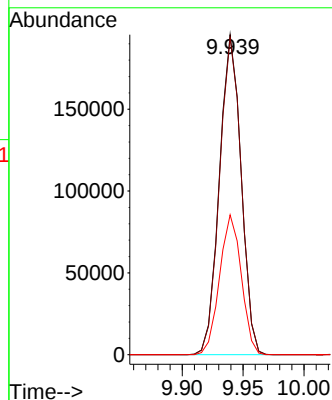
Tgt Ion:164 Resp: 242418

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 43.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.557 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

Tgt Ion:216 Resp: 296147

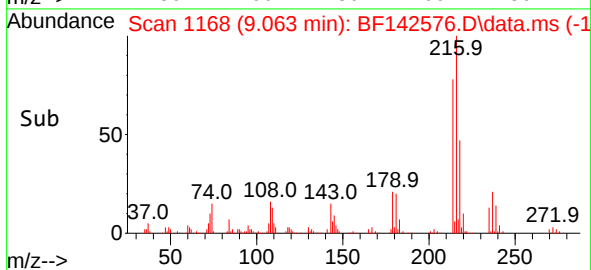
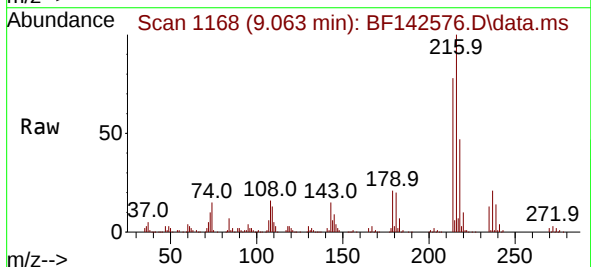
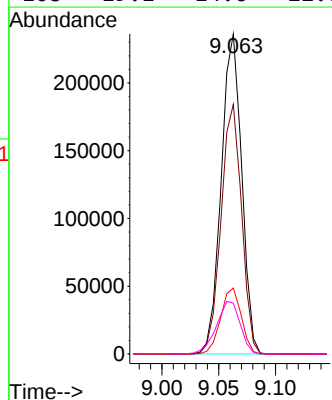
Ion Ratio Lower Upper

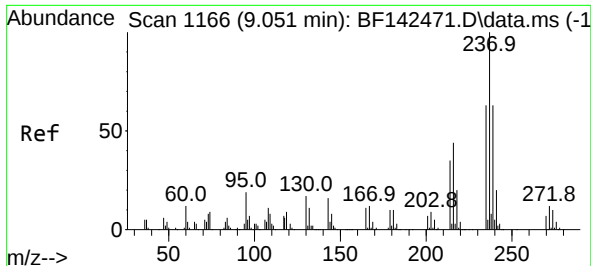
216 100

214 78.1 62.9 94.3

179 20.7 16.9 25.3

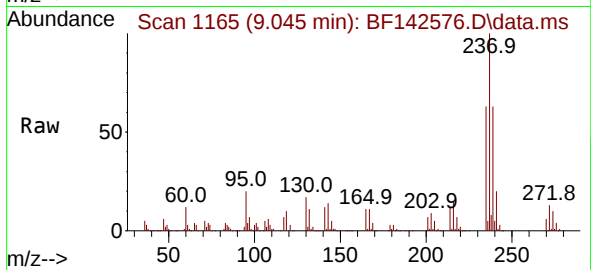
108 19.1 14.6 22.0



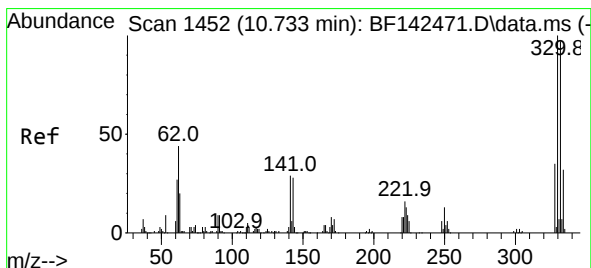
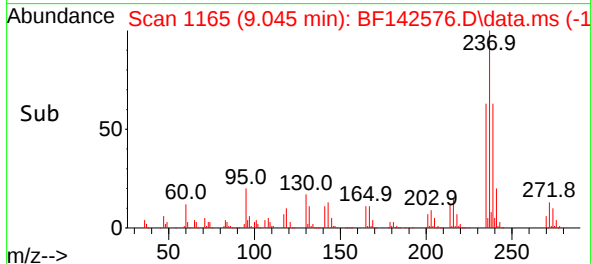
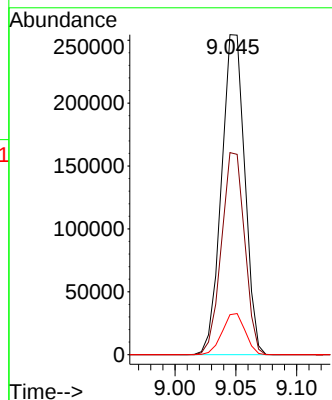


#41
Hexachlorocyclopentadiene
Concen: 72.079 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

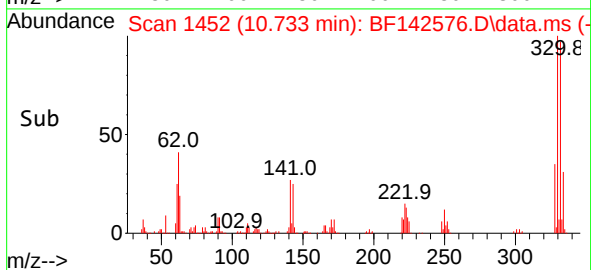
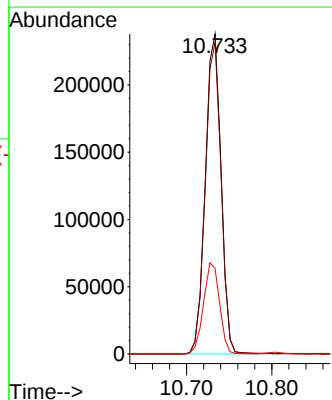
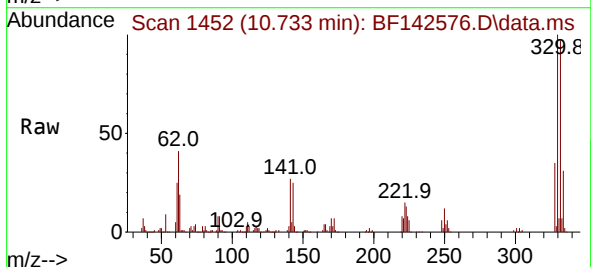


Tgt Ion:237 Resp: 338363
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.5 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 113.628 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:330 Resp: 305720
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 29.0 24.6 36.8

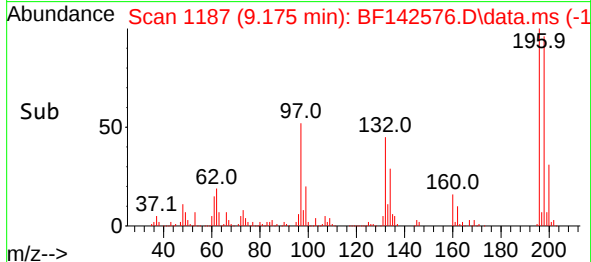
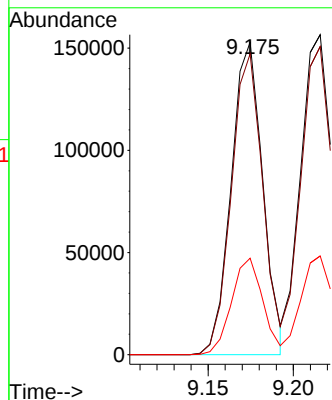
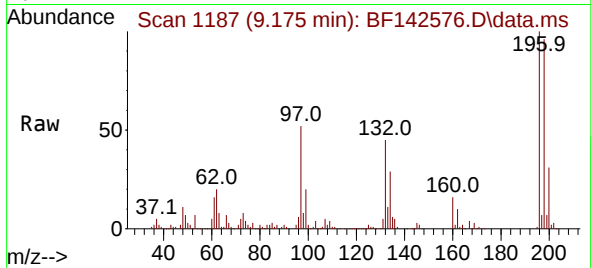




#43
2,4,6-Trichlorophenol
Concen: 41.940 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

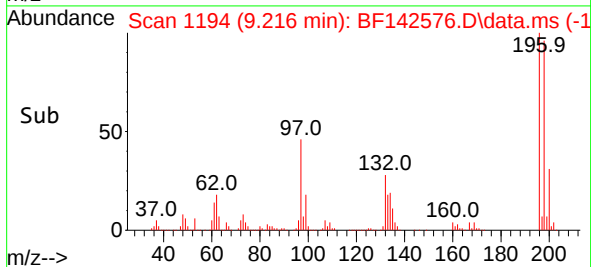
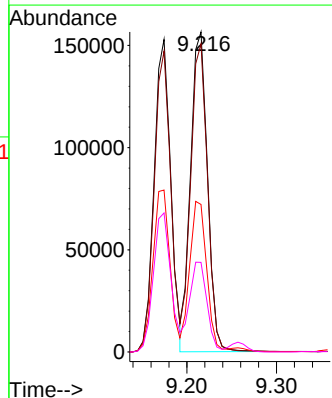
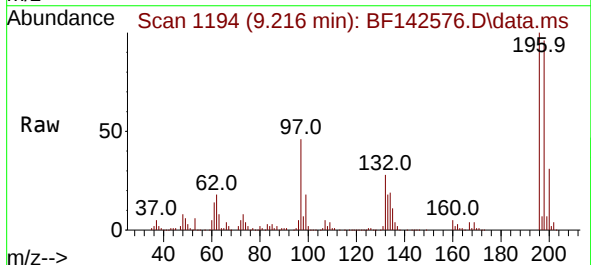
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

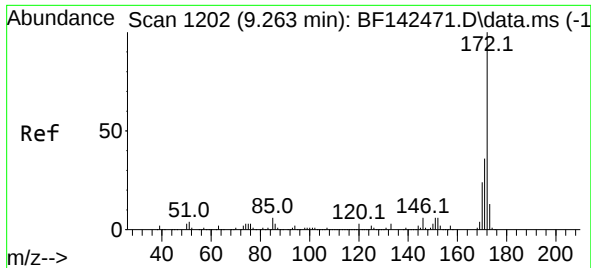
Tgt Ion:196 Resp: 196799
Ion Ratio Lower Upper
196 100
198 96.3 78.8 118.2
200 30.9 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 41.509 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:196 Resp: 205422
Ion Ratio Lower Upper
196 100
198 96.3 75.5 113.3
97 46.1 39.3 58.9
132 28.0 23.3 34.9

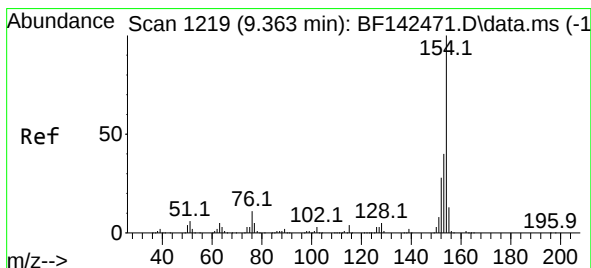
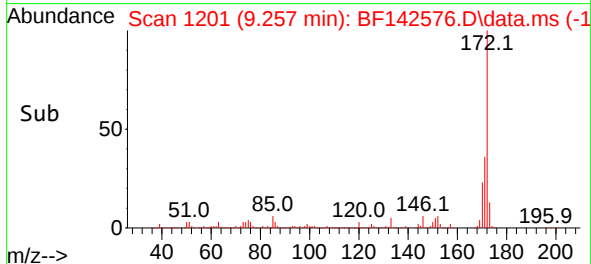
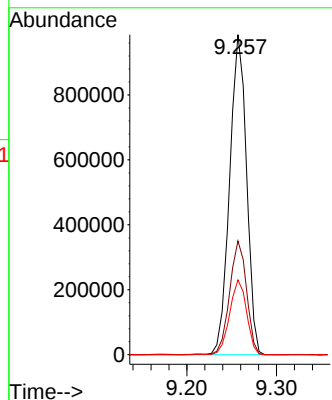
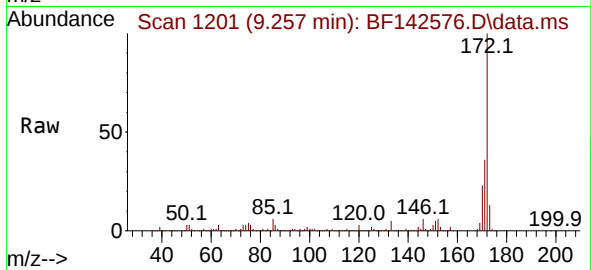




#45
2-Fluorobiphenyl
Concen: 71.379 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

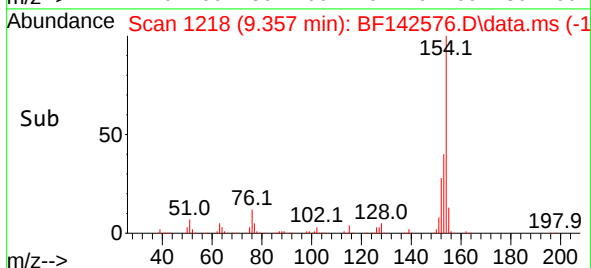
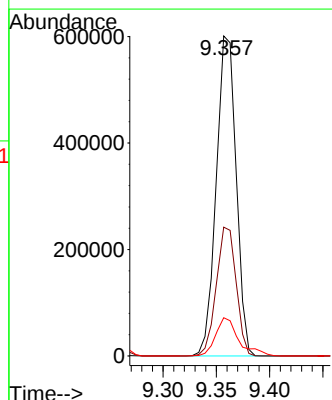
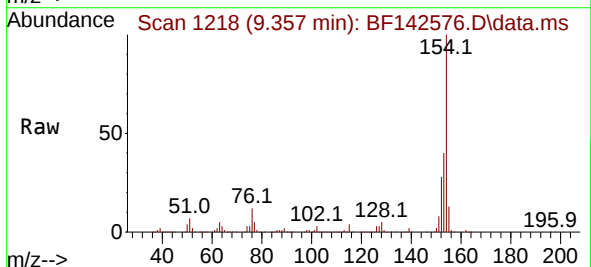
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

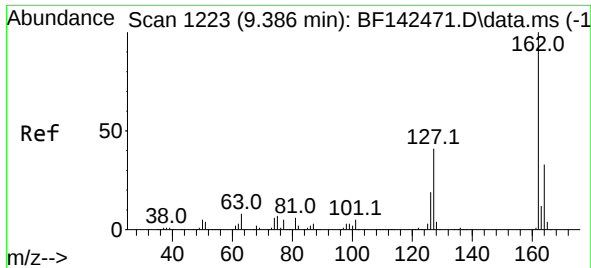
Tgt Ion:172 Resp: 1289525
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.464 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

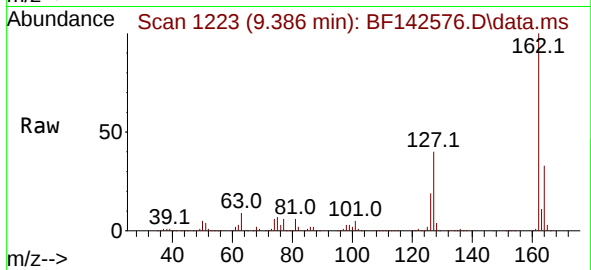
Tgt Ion:154 Resp: 779832
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 12.0 0.0 30.8



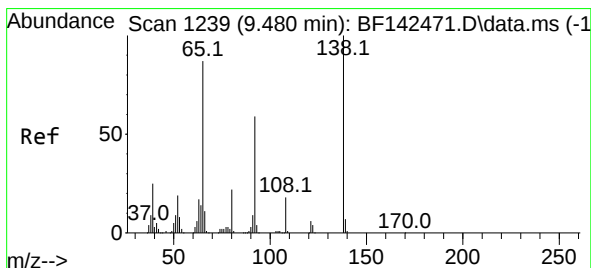
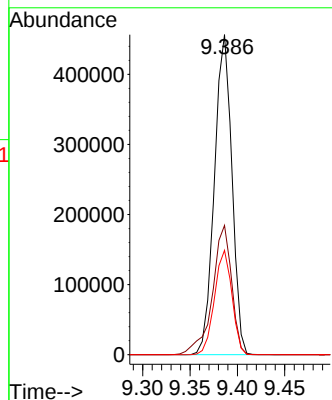
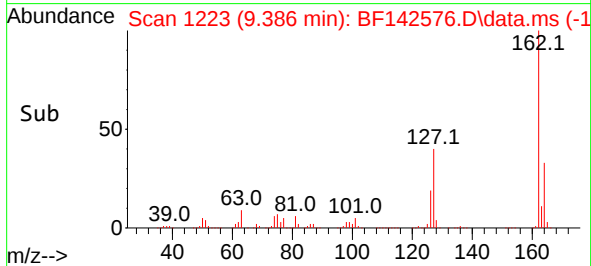


#47
2-Chloronaphthalene
Concen: 42.347 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

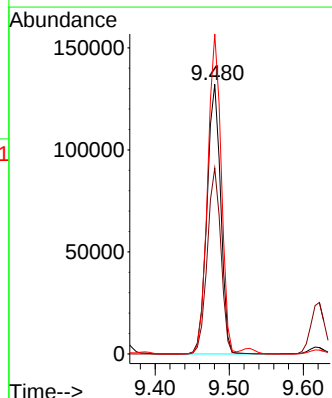
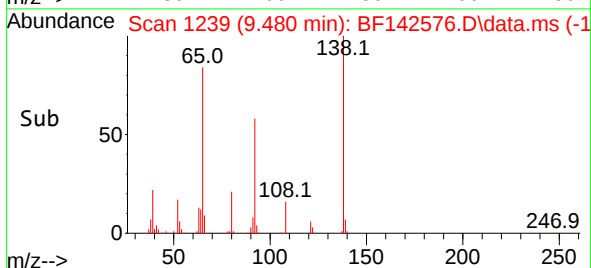
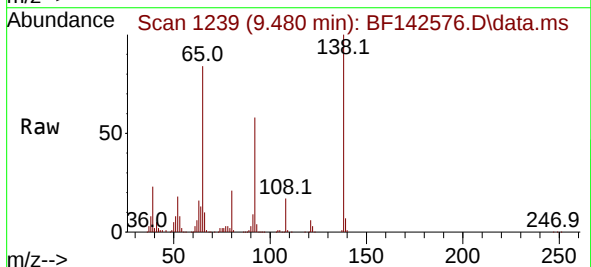


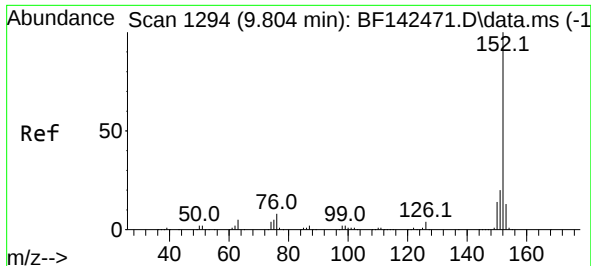
Tgt Ion:162 Resp: 588430
Ion Ratio Lower Upper
162 100
127 40.4 33.5 50.3
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 42.382 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

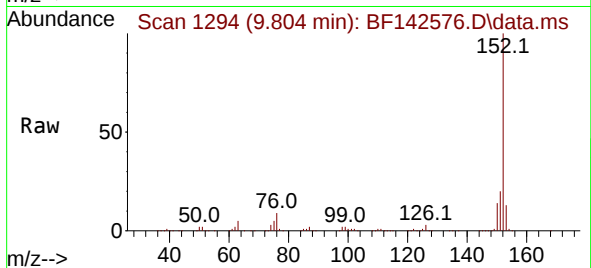
Tgt Ion: 65 Resp: 170224
Ion Ratio Lower Upper
65 100
92 69.0 54.4 81.6
138 118.7 91.4 137.2



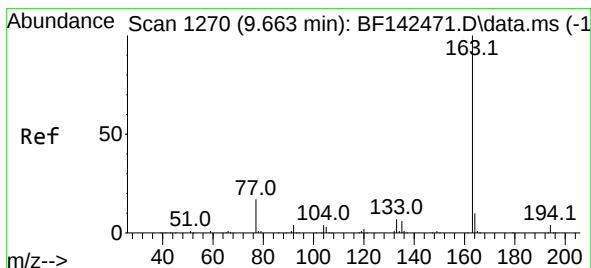
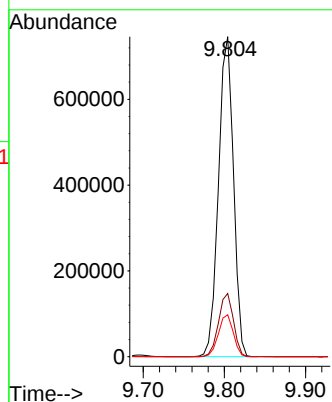
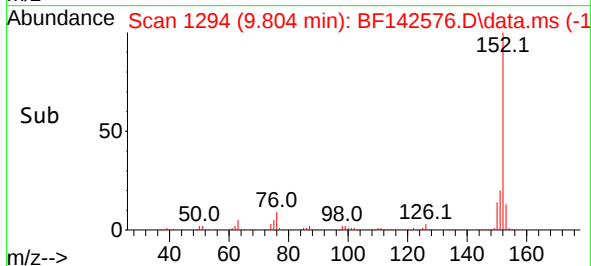


#49
Acenaphthylene
Concen: 40.875 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

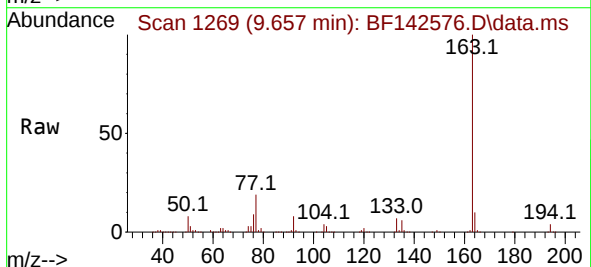
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD



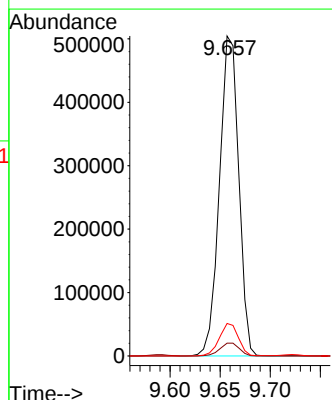
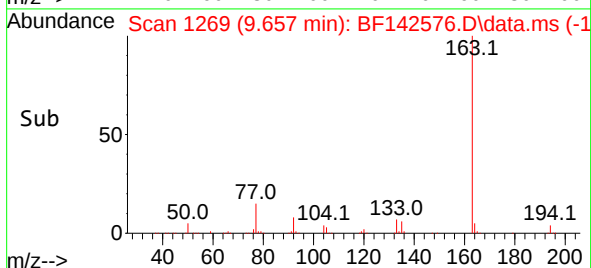
Tgt Ion:152 Resp: 959073
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.1 10.6 15.8

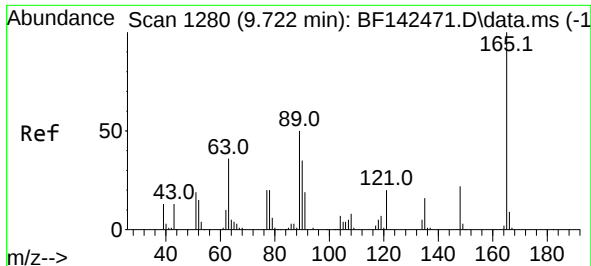


#50
Dimethylphthalate
Concen: 42.120 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16



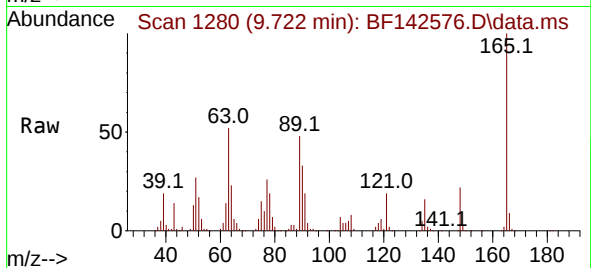
Tgt Ion:163 Resp: 673733
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.4



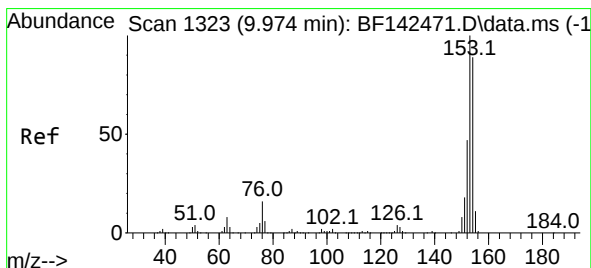
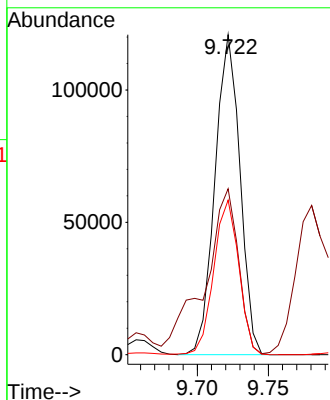
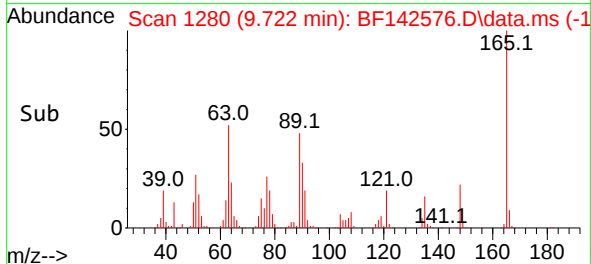


#51
2,6-Dinitrotoluene
Concen: 42.787 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

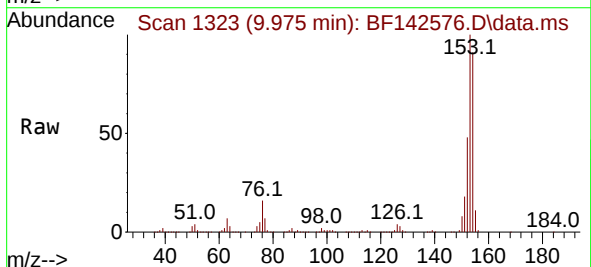
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD



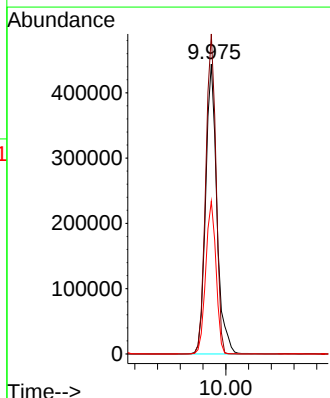
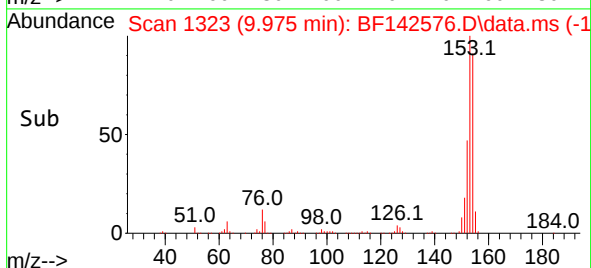
Tgt Ion:165 Resp: 147716
Ion Ratio Lower Upper
165 100
63 51.8 42.9 64.3
89 48.3 40.2 60.4

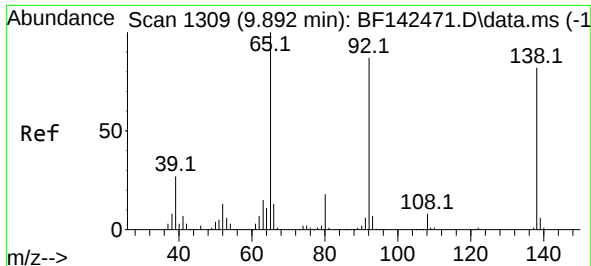


#52
Acenaphthene
Concen: 42.463 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16



Tgt Ion:154 Resp: 608380
Ion Ratio Lower Upper
154 100
153 110.4 90.0 135.0
152 52.7 42.6 64.0

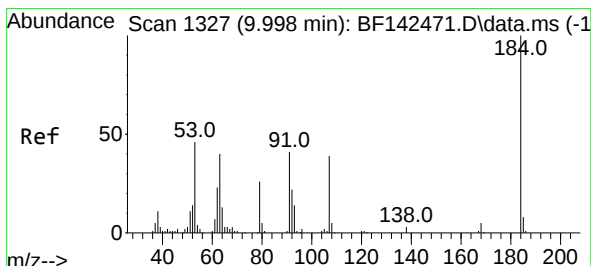
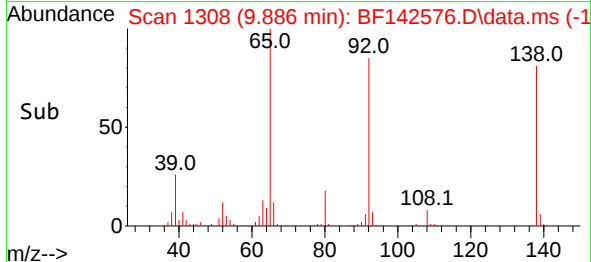
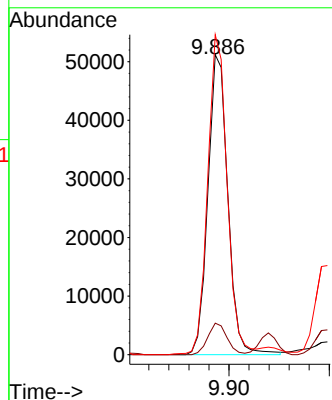
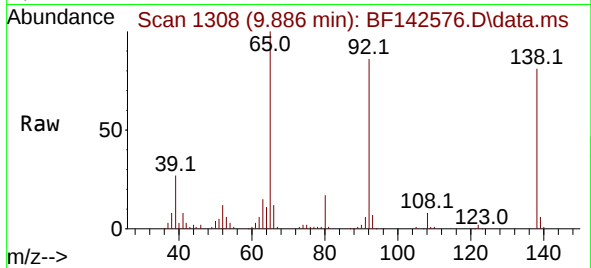




#53
3-Nitroaniline
Concen: 18.770 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

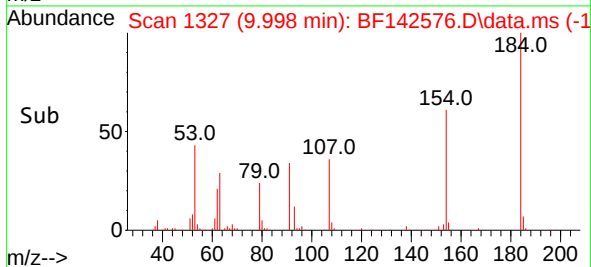
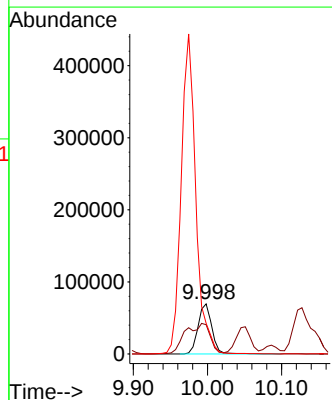
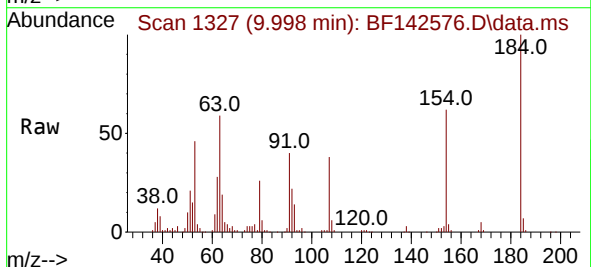
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

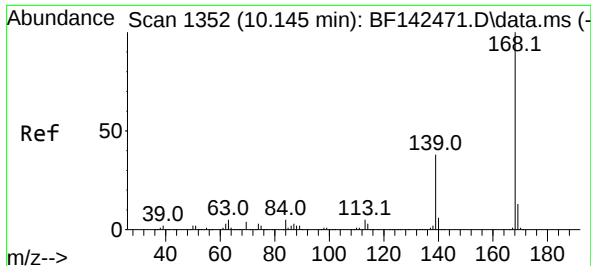
Tgt Ion:138 Resp: 70778
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 106.6 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 50.242 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

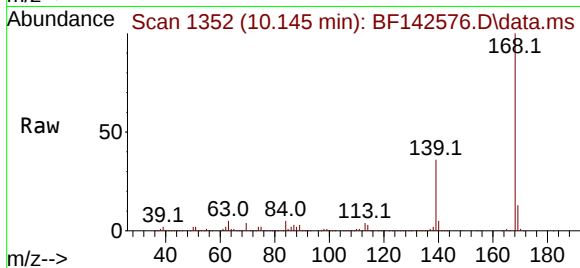
Tgt Ion:184 Resp: 89612
Ion Ratio Lower Upper
184 100
63 58.5 46.3 69.5
154 61.5 56.8 85.2



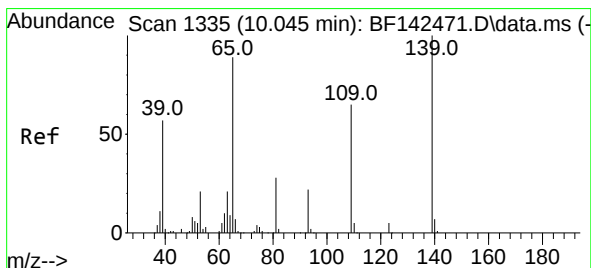
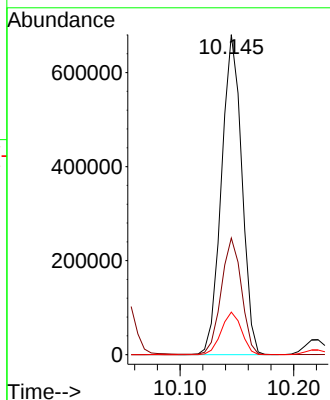
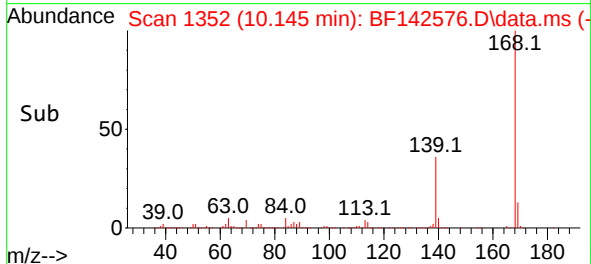


#55
Dibenzofuran
Concen: 41.088 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

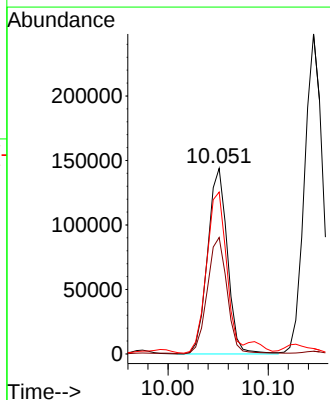
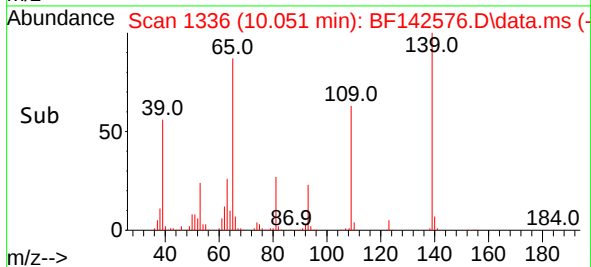
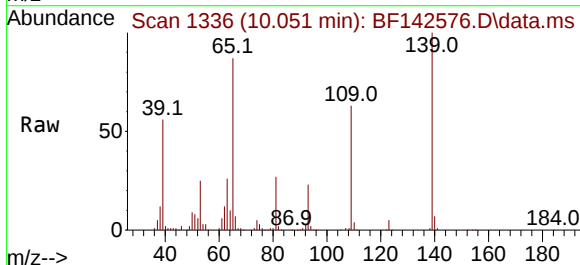


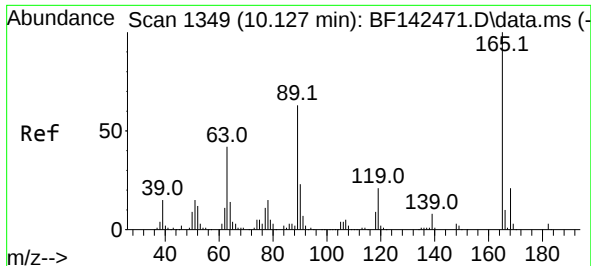
Tgt Ion:168 Resp: 847125
Ion Ratio Lower Upper
168 100
139 36.4 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 70.976 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

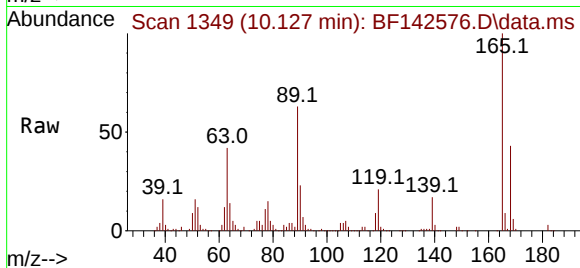
Tgt Ion:139 Resp: 197474
Ion Ratio Lower Upper
139 100
109 62.8 45.1 85.1
65 87.2 69.7 109.7



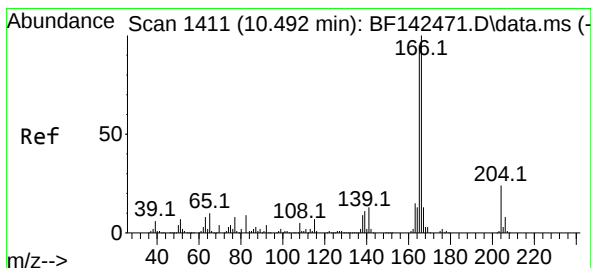
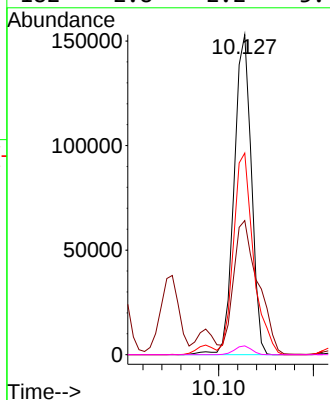
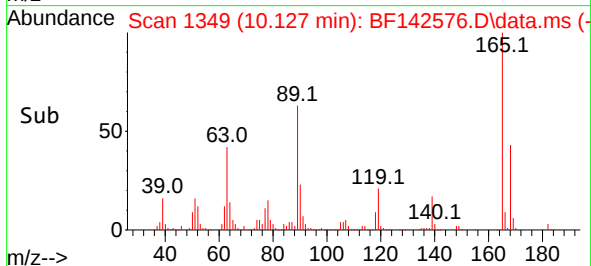


#57
2,4-Dinitrotoluene
Concen: 42.929 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

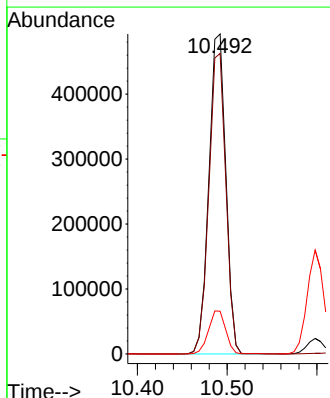
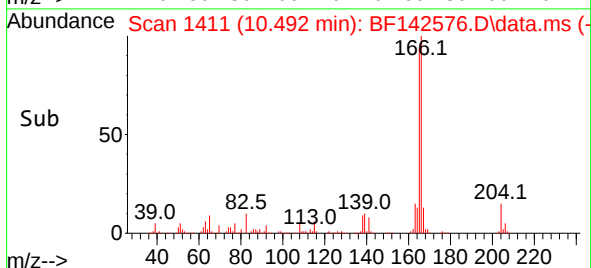
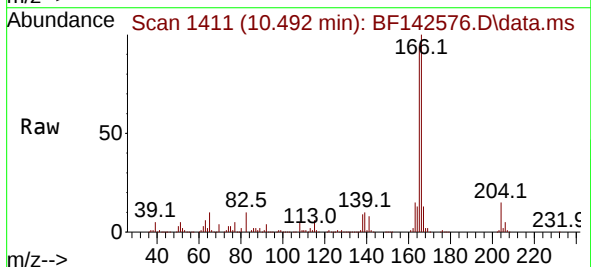


Tgt Ion:165 Resp: 193552
Ion Ratio Lower Upper
165 100
63 41.9 33.6 50.4
89 63.0 50.2 75.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.469 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

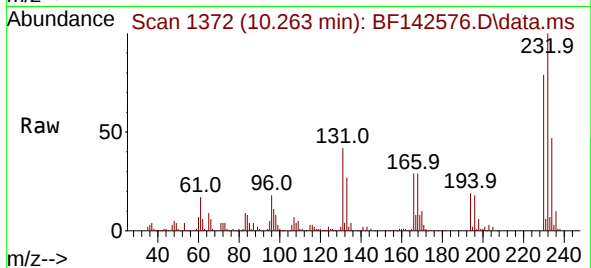
Tgt Ion:166 Resp: 644596
Ion Ratio Lower Upper
166 100
165 93.9 75.8 113.8
167 13.4 10.6 16.0



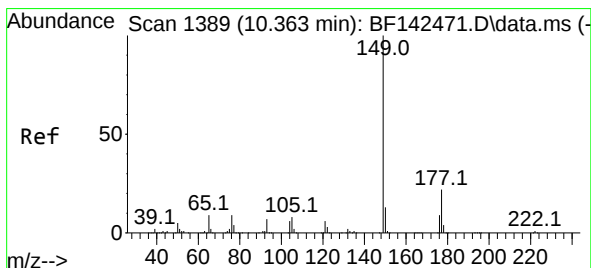
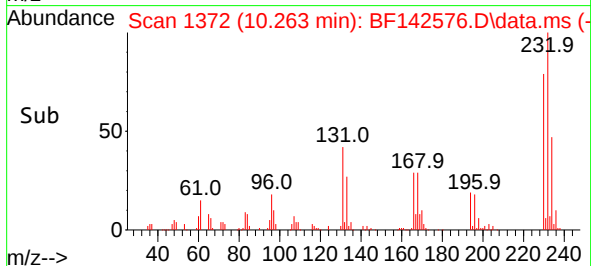
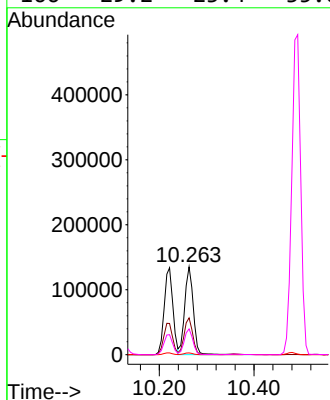


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.087 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

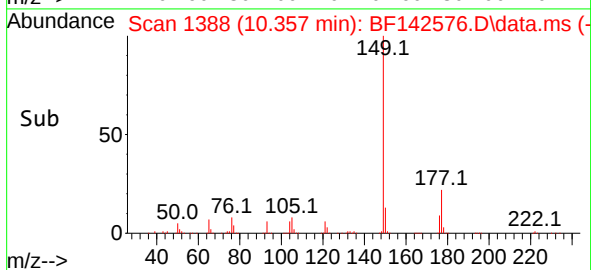
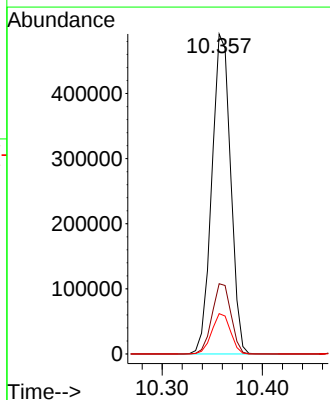
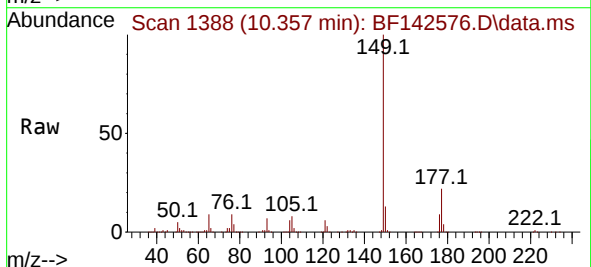


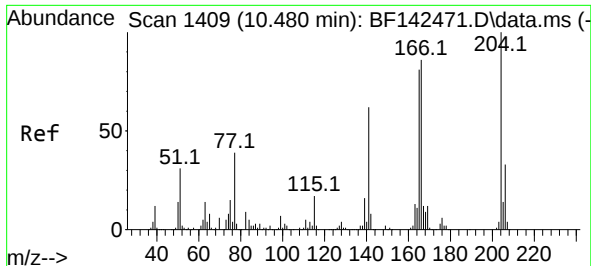
Tgt Ion:232 Resp: 169747
Ion Ratio Lower Upper
232 100
131 41.9 35.2 52.8
130 2.1 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 40.875 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:149 Resp: 638554
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.6 10.1 15.1

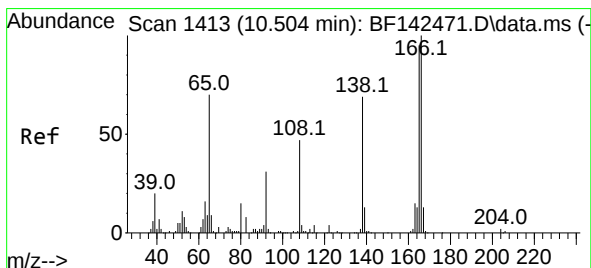
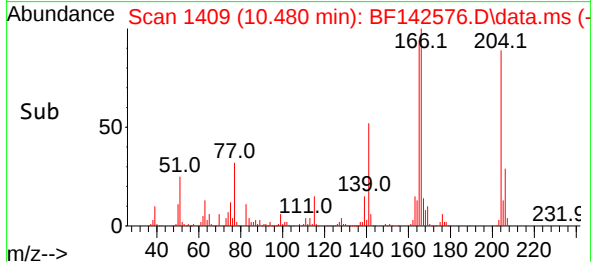
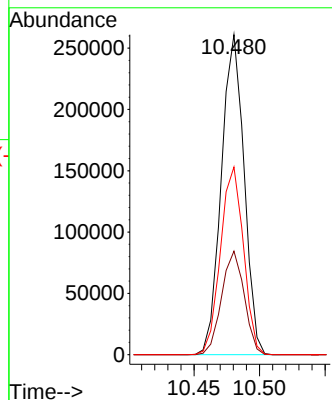
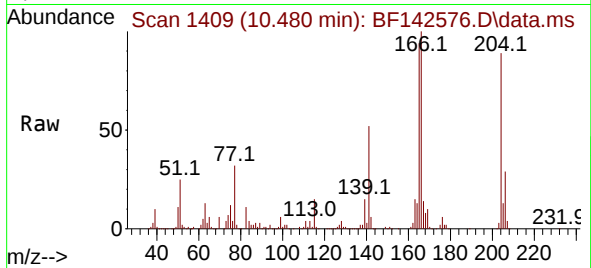




#61
4-Chlorophenyl-phenylether
Concen: 40.150 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

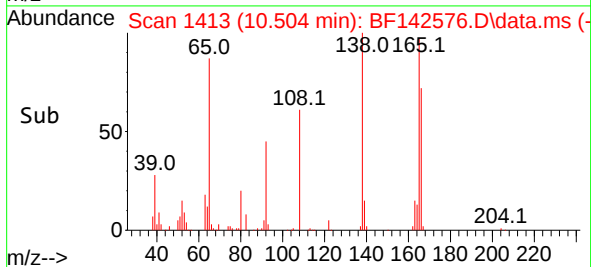
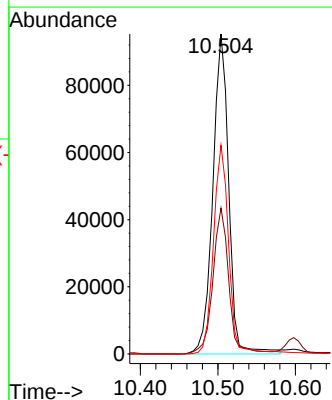
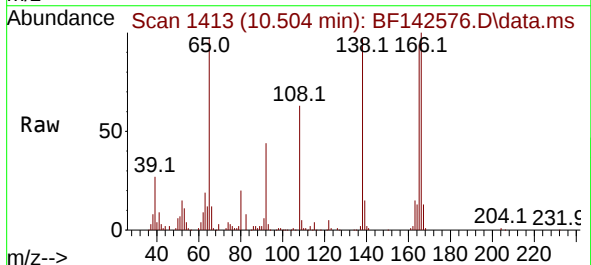
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

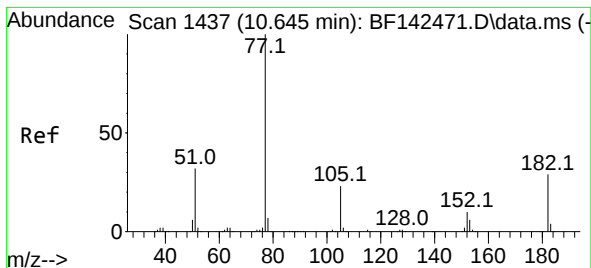
Tgt Ion:204 Resp: 314156
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 58.7 49.5 74.3



#62
4-Nitroaniline
Concen: 39.718 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:138 Resp: 135831
Ion Ratio Lower Upper
138 100
92 45.6 26.0 66.0
108 65.3 48.4 88.4





#63

Azobenzene

Concen: 40.437 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion: 77 Resp: 567396

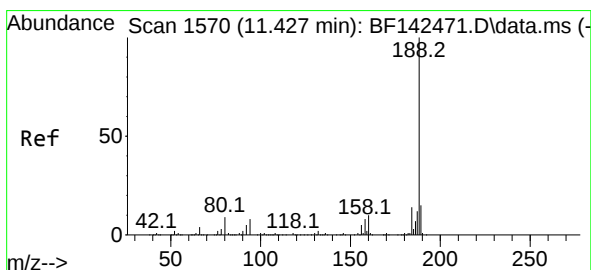
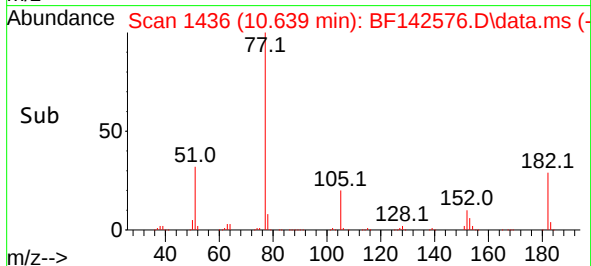
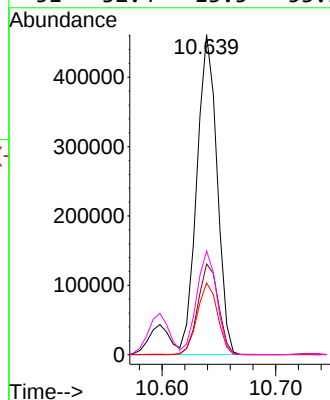
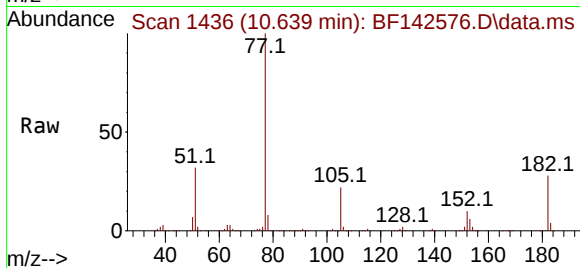
Ion Ratio Lower Upper

77 100

182 28.4 9.0 49.0

105 22.4 2.4 42.4

51 32.4 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

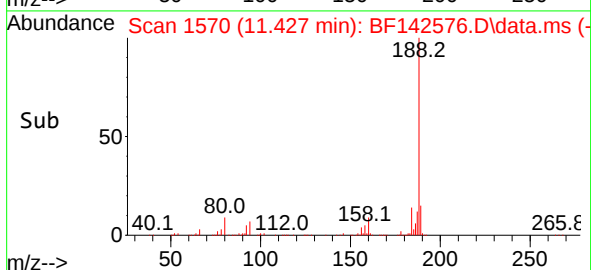
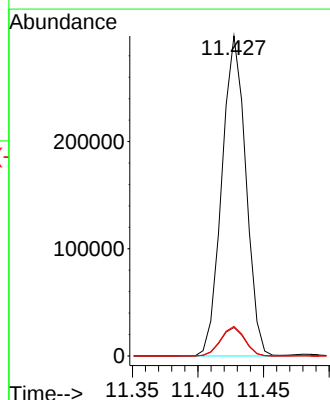
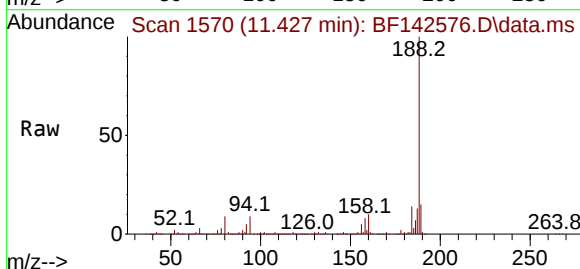
Tgt Ion: 188 Resp: 379868

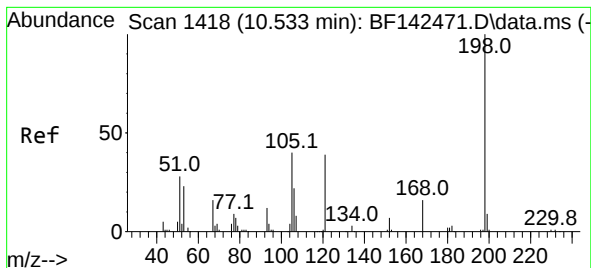
Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.2 7.4 11.0

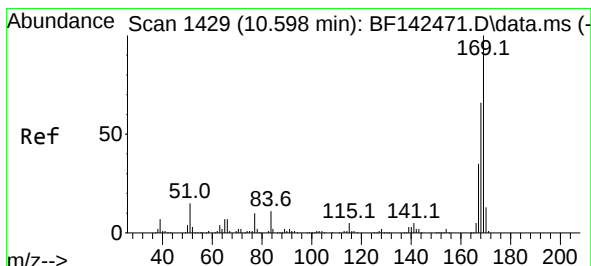
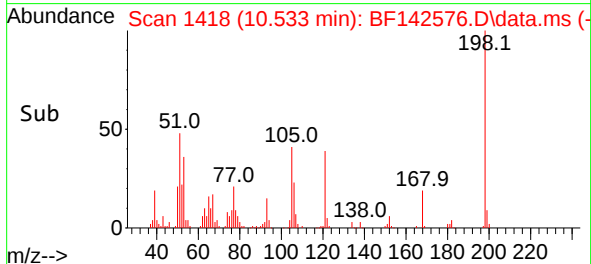
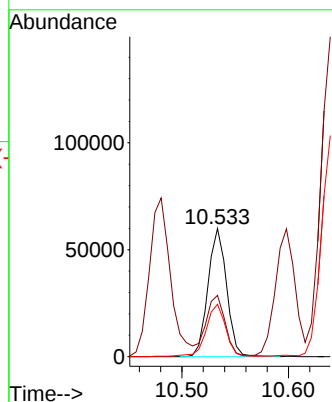
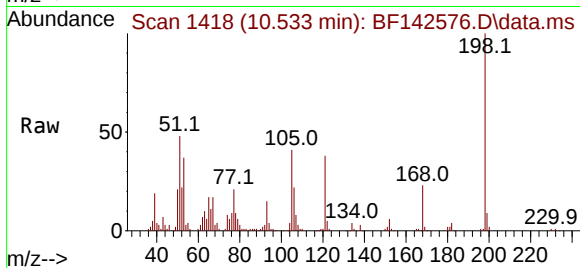




#65
4,6-Dinitro-2-methylphenol
Concen: 34.390 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

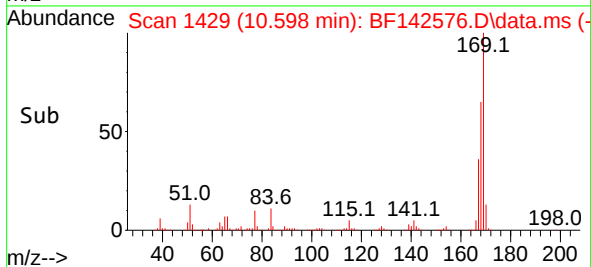
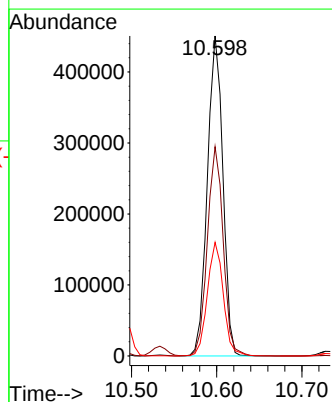
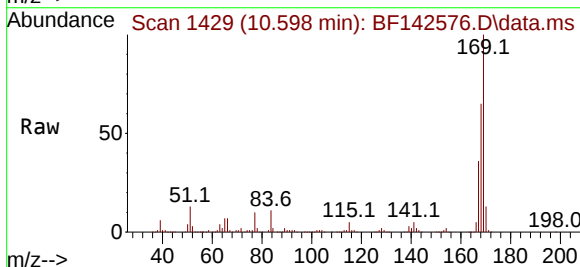
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

Tgt Ion:198 Resp: 72905
Ion Ratio Lower Upper
198 100
51 47.8 28.3 68.3
105 40.8 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 43.937 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

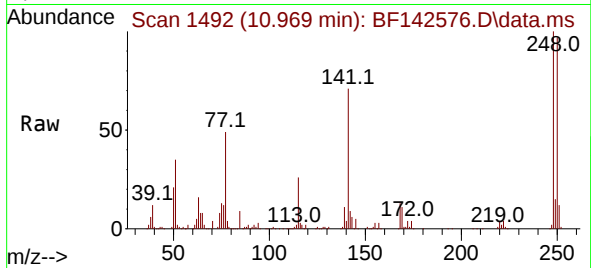
Tgt Ion:169 Resp: 571003
Ion Ratio Lower Upper
169 100
168 65.4 52.7 79.1
167 35.5 28.3 42.5



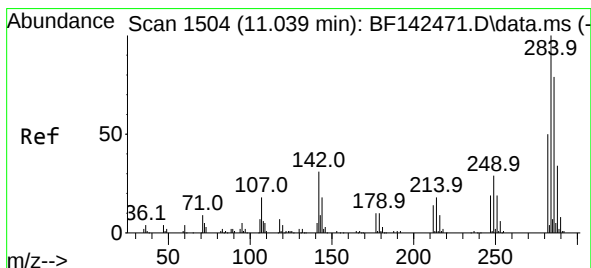
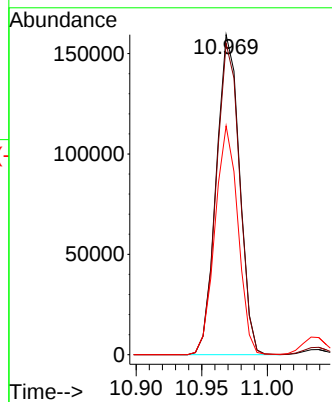
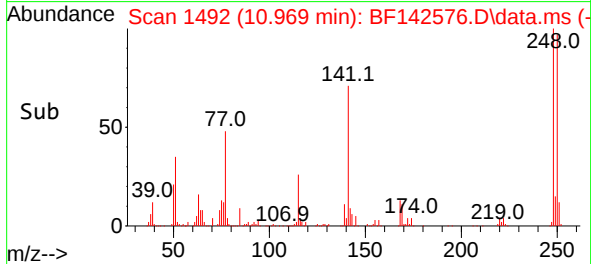


#67
4-Bromophenyl-phenylether
Concen: 43.864 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

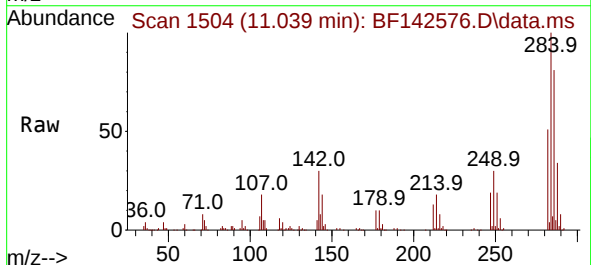
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD



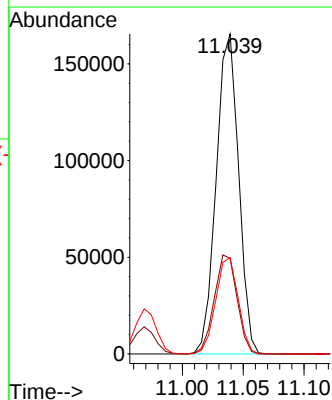
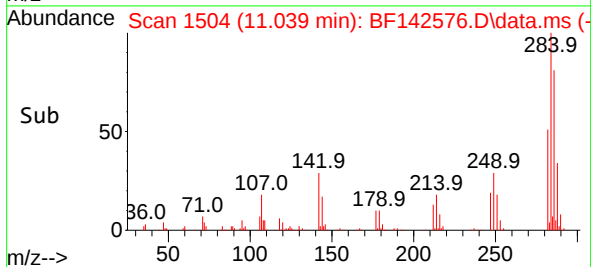
Tgt Ion:248 Resp: 197022
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 71.5 58.4 87.6

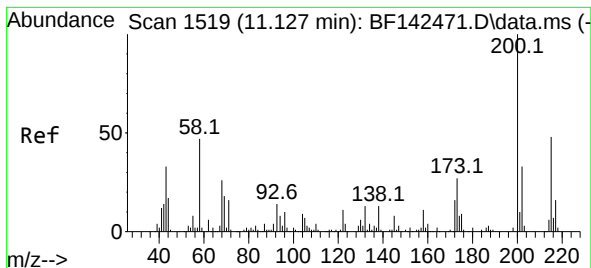


#68
Hexachlorobenzene
Concen: 42.656 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16



Tgt Ion:284 Resp: 211910
Ion Ratio Lower Upper
284 100
142 29.9 24.8 37.2
249 30.1 23.6 35.4





#69

Atrazine

Concen: 48.138 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD

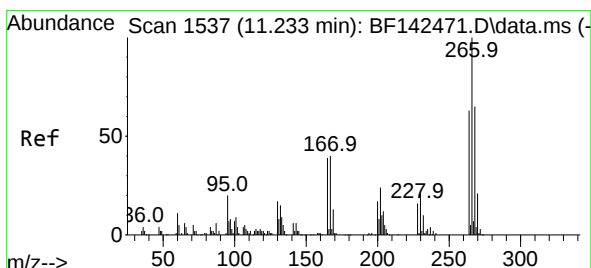
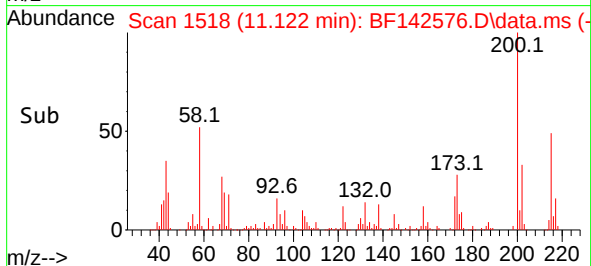
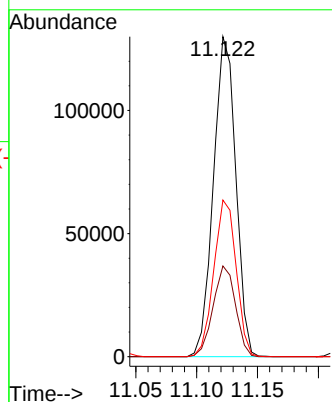
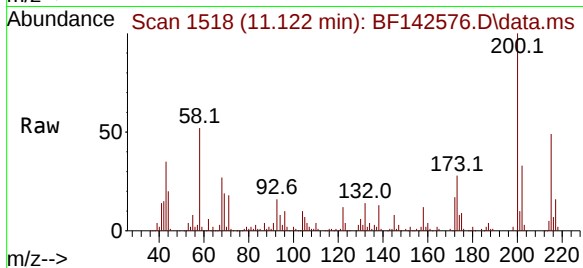
Tgt Ion:200 Resp: 166142

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 49.0 28.5 68.5



#70

Pentachlorophenol

Concen: 76.550 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

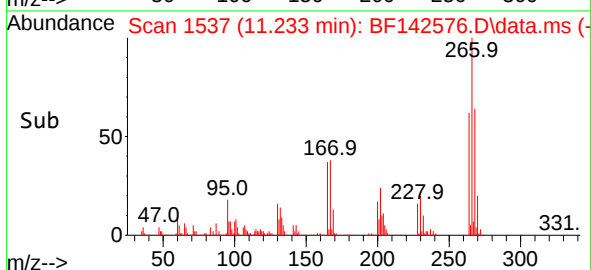
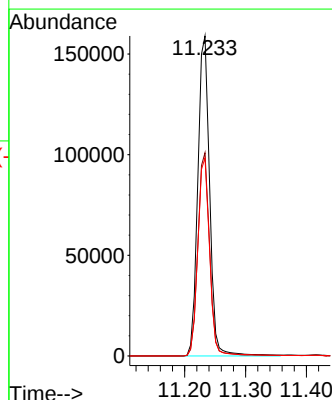
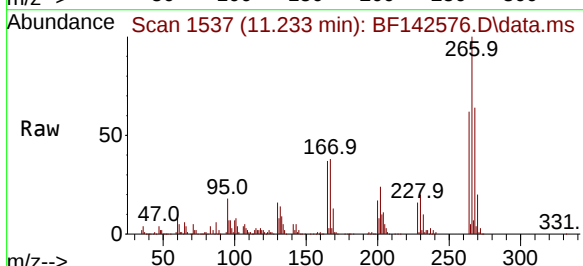
Tgt Ion:266 Resp: 214707

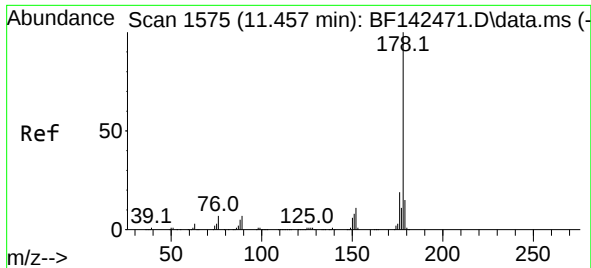
Ion Ratio Lower Upper

266 100

268 63.5 51.7 77.5

264 61.9 50.4 75.6

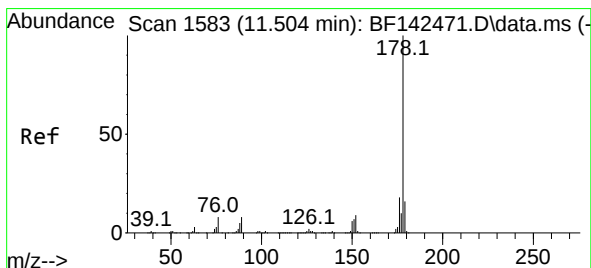
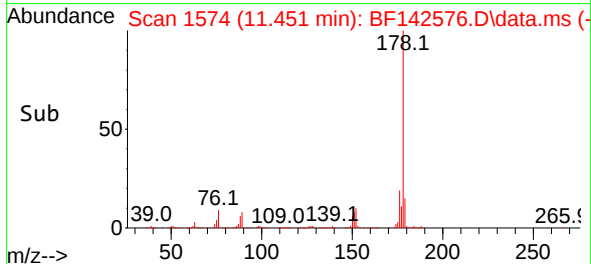
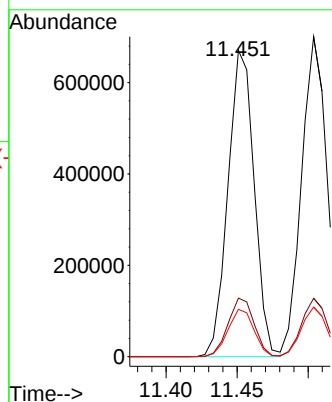
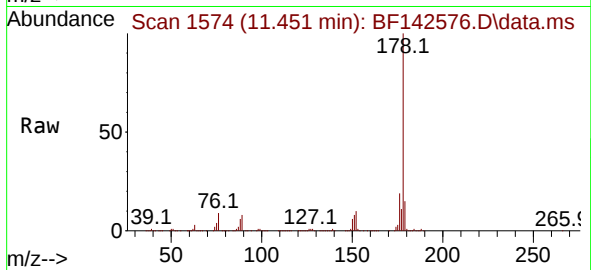




#71
Phenanthrene
Concen: 42.532 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

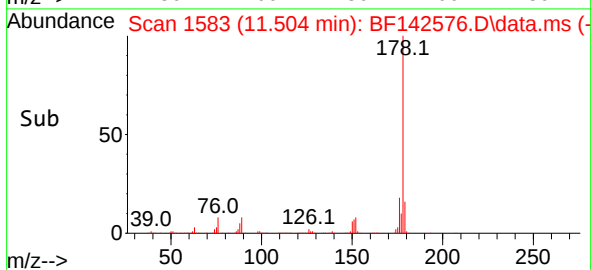
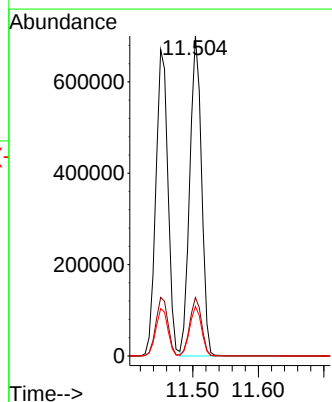
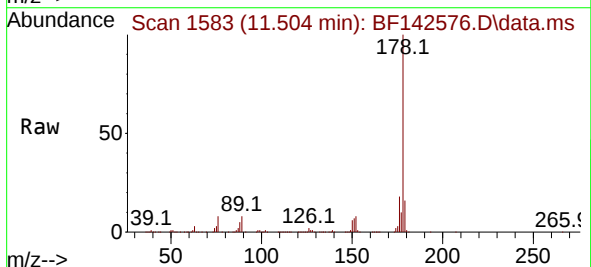
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

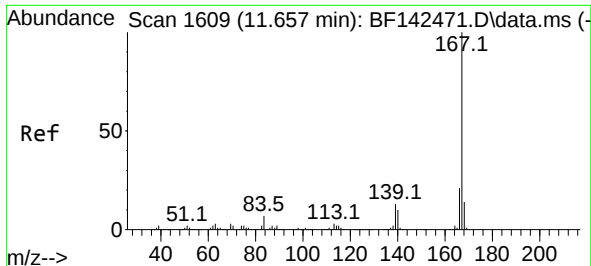
Tgt Ion:178 Resp: 863437
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 42.006 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:178 Resp: 870310
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.5 12.4 18.6

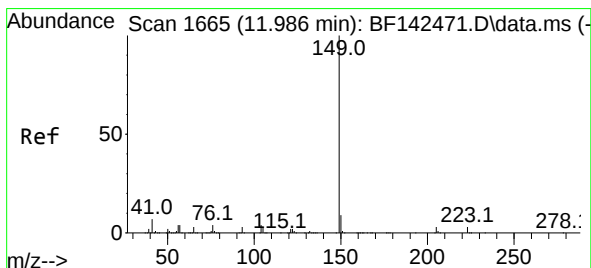
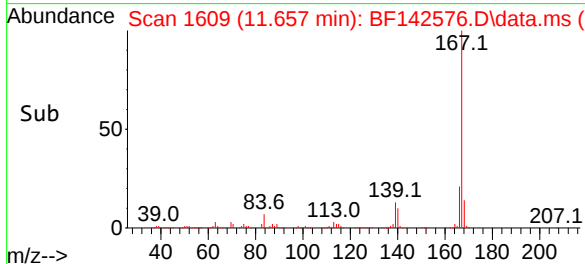
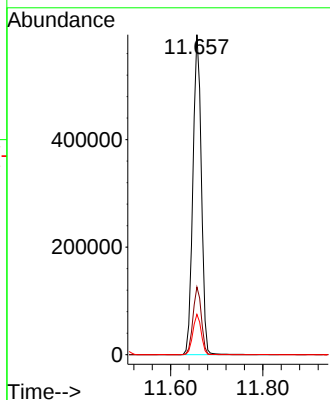
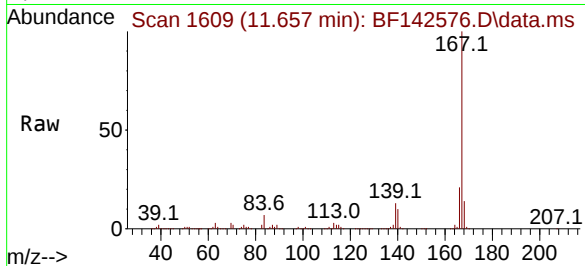




#73
 Carbazole
 Concen: 42.536 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142576.D
 Acq: 30 May 2025 18:16

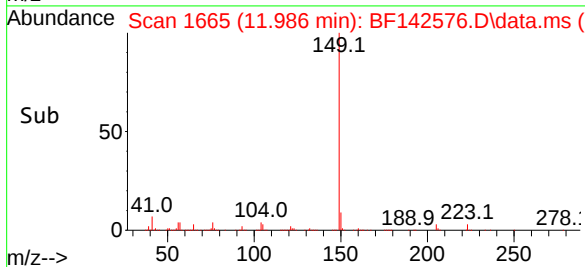
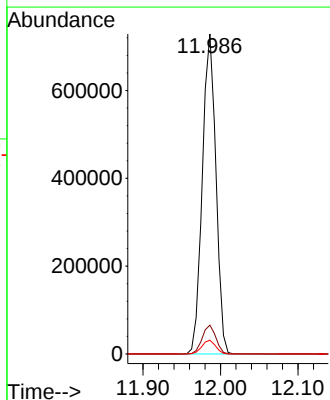
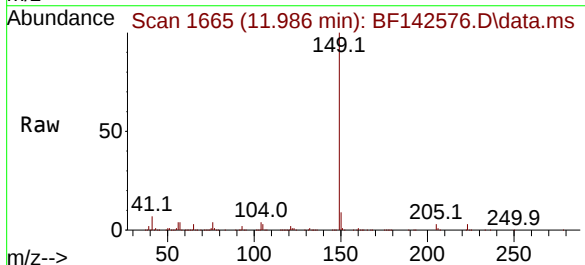
Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MSD

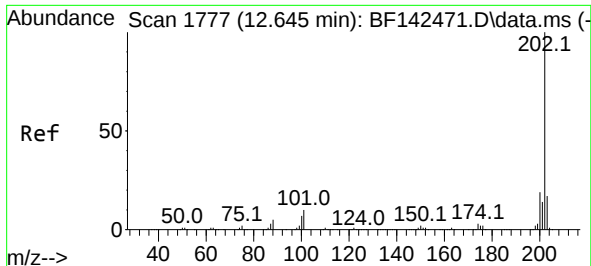
Tgt Ion:167 Resp: 753408
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.9 25.3
 139 12.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 45.744 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142576.D
 Acq: 30 May 2025 18:16

Tgt Ion:149 Resp: 886880
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.3 3.6 5.4

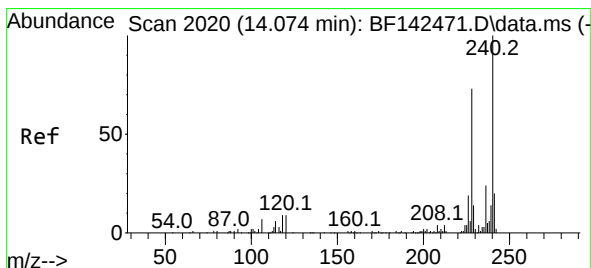
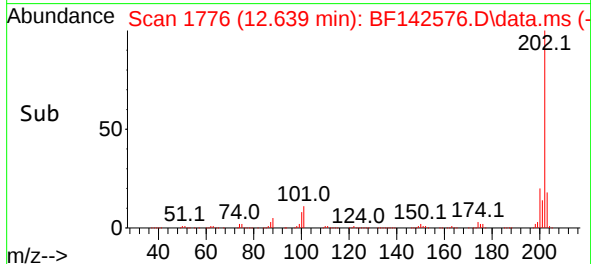
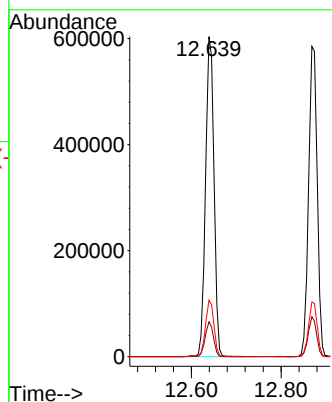
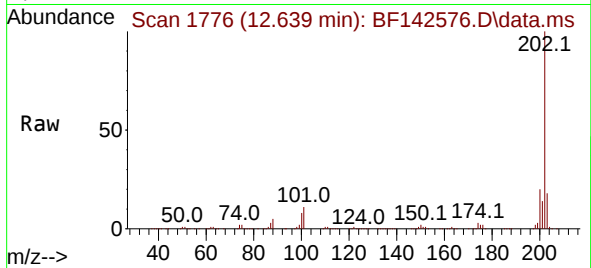




#75
Fluoranthene
Concen: 41.528 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

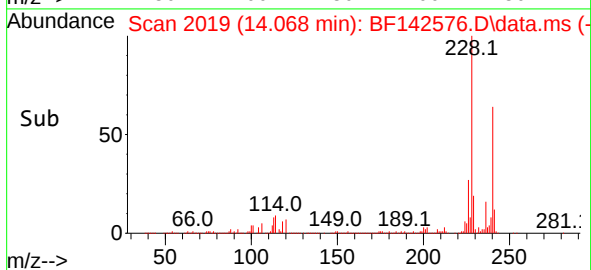
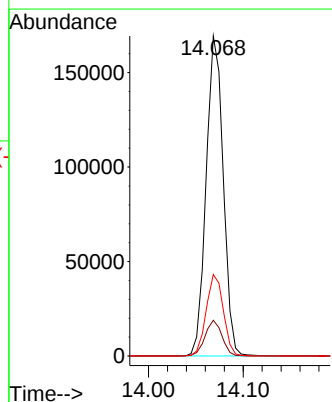
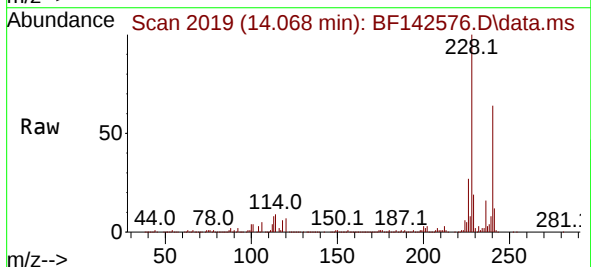
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

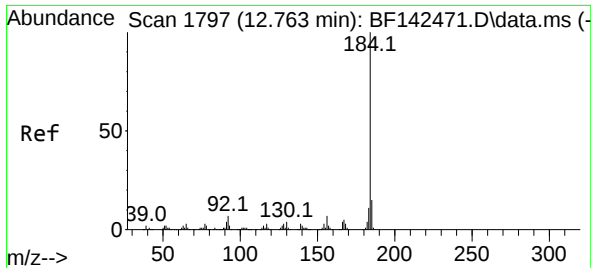
Tgt Ion:202 Resp: 787754
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.6
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:240 Resp: 212601
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 25.4 19.6 29.4

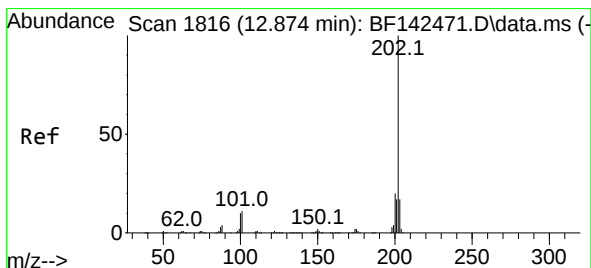
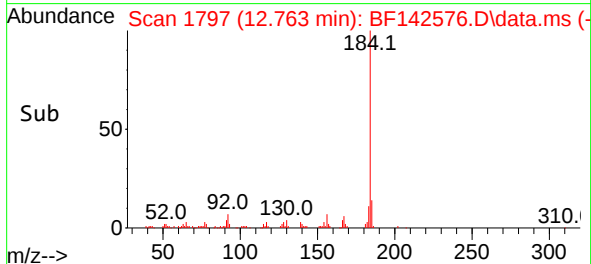
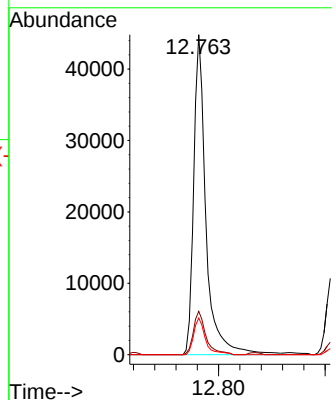
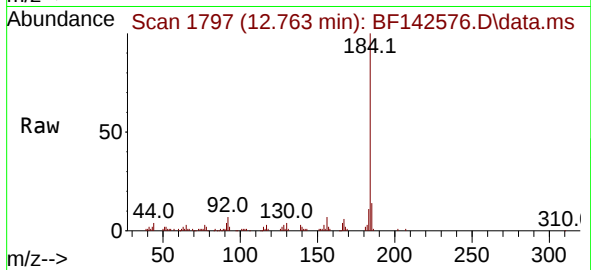




#77
Benzidine
Concen: 9.088 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

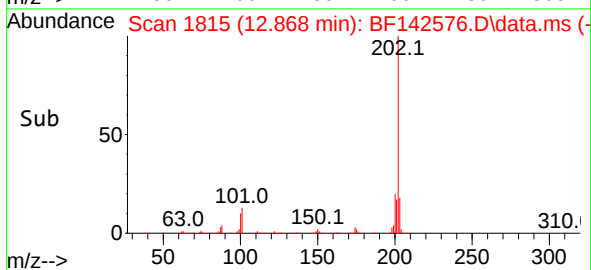
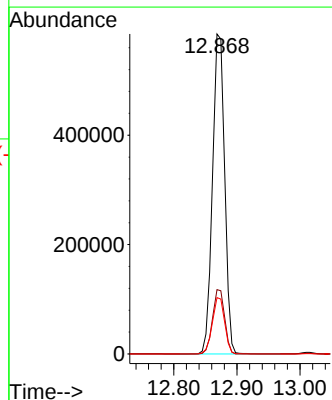
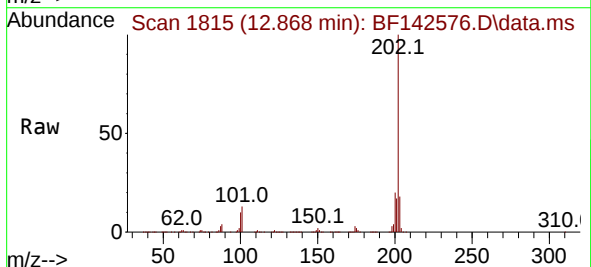
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

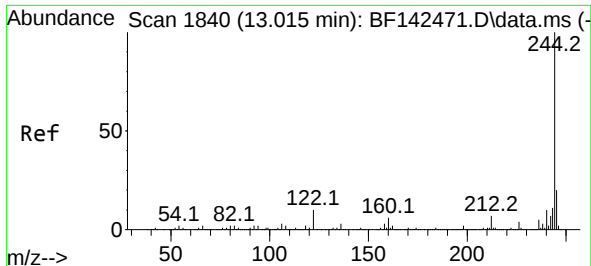
Tgt Ion:184 Resp: 71899
Ion Ratio Lower Upper
184 100
185 13.6 11.6 17.4
183 11.4 9.0 13.4



#78
Pyrene
Concen: 39.414 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:202 Resp: 781676
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.6 13.9 20.9

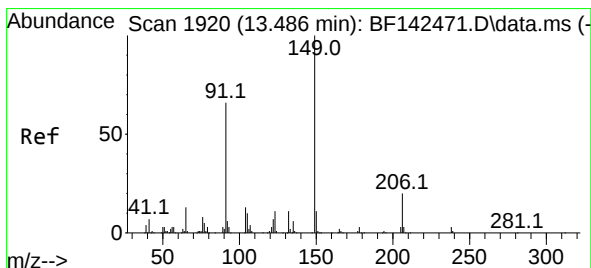
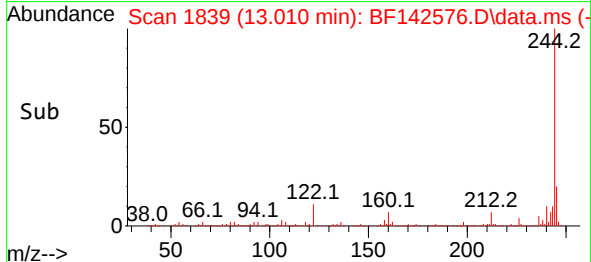
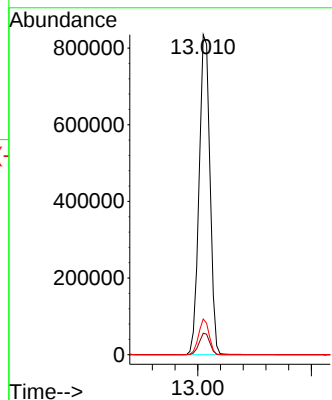
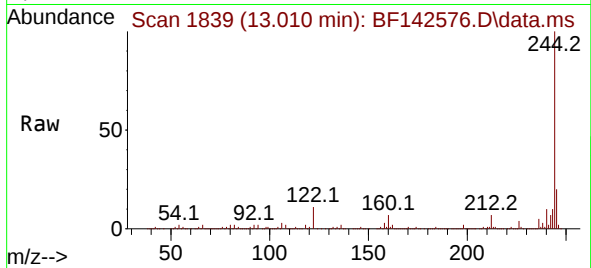




#79
 Terphenyl-d14
 Concen: 71.523 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142576.D
 Acq: 30 May 2025 18:16

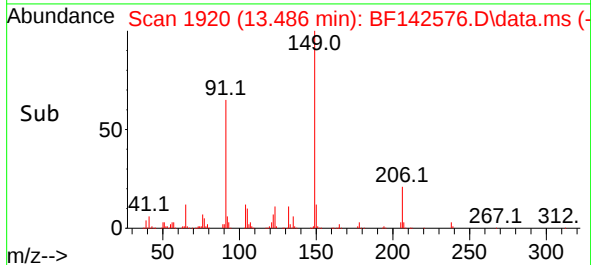
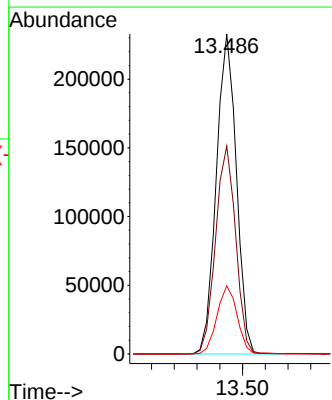
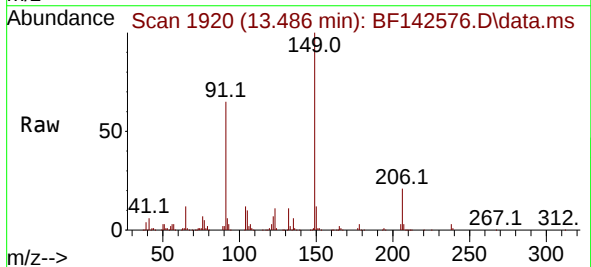
Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MSD

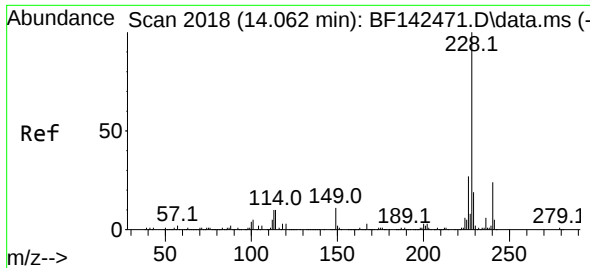
Tgt Ion:244 Resp: 1112720
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 11.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.196 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142576.D
 Acq: 30 May 2025 18:16

Tgt Ion:149 Resp: 286040
 Ion Ratio Lower Upper
 149 100
 91 64.9 52.9 79.3
 206 21.3 16.2 24.2

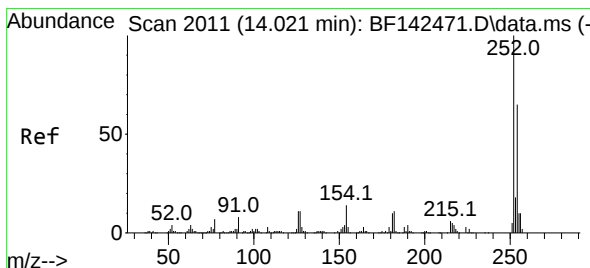
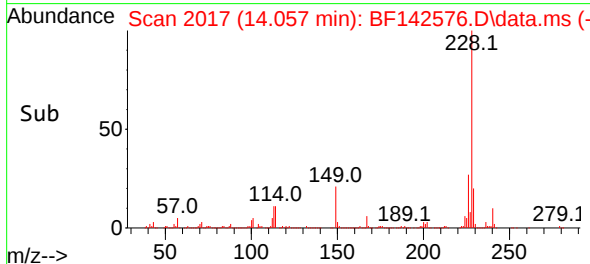
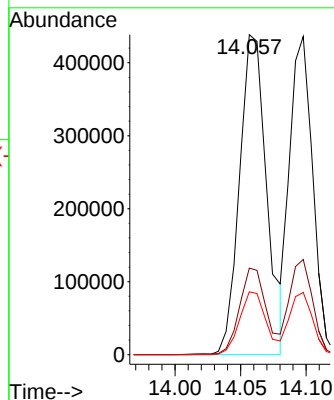
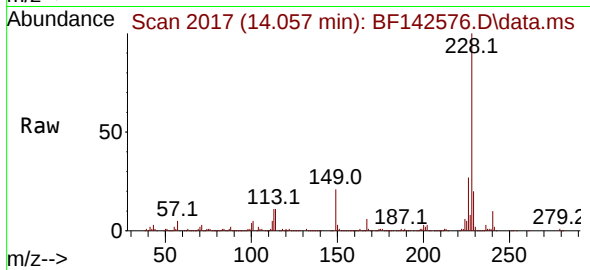




#81
Benzo(a)anthracene
Concen: 44.517 ng
RT: 14.057 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

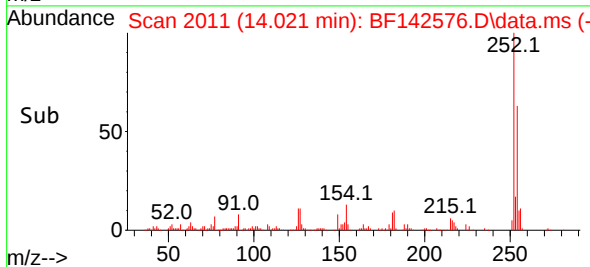
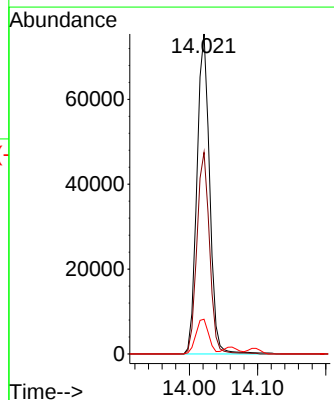
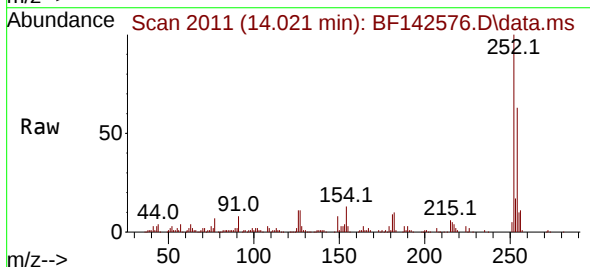
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

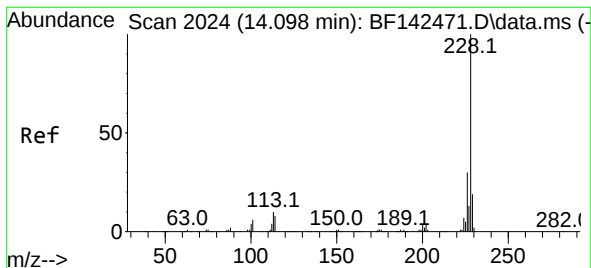
Tgt Ion:228 Resp: 631985
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 22.571 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:252 Resp: 97190
Ion Ratio Lower Upper
252 100
254 63.0 52.0 78.0
126 10.9 8.9 13.3





#83

Chrysene

Concen: 41.711 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD

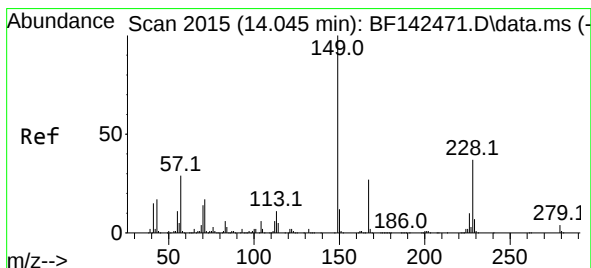
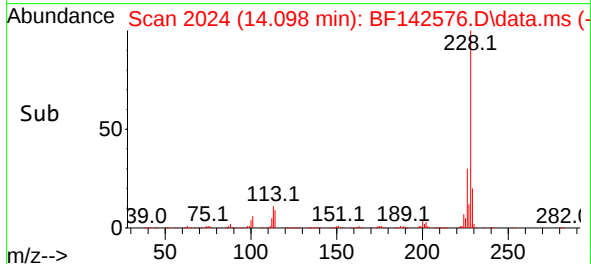
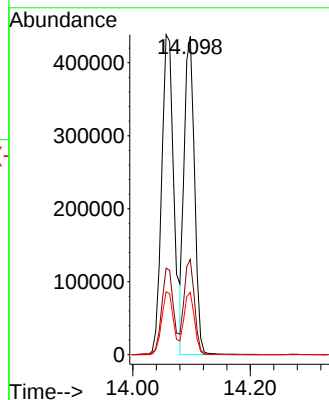
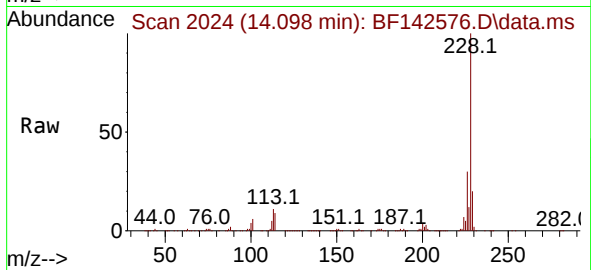
Tgt Ion:228 Resp: 532085

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.6 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.079 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

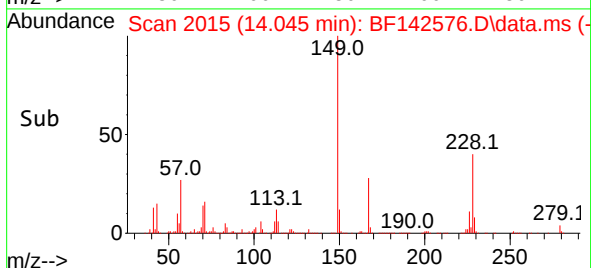
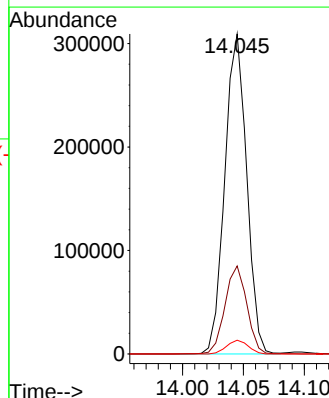
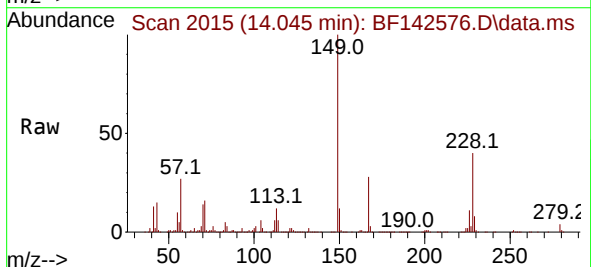
Tgt Ion:149 Resp: 386398

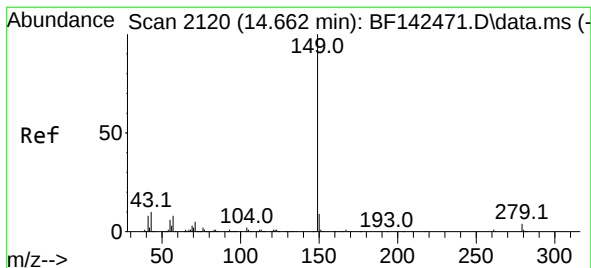
Ion Ratio Lower Upper

149 100

167 27.5 21.5 32.3

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.358 ng

RT: 14.662 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BF142576.D

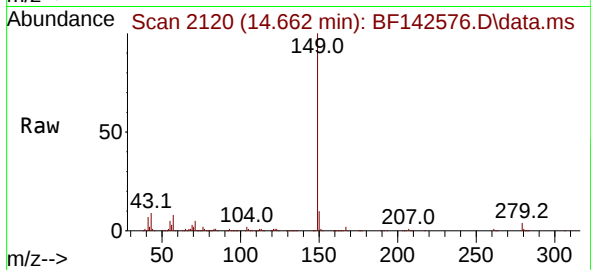
Acq: 30 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52MSD



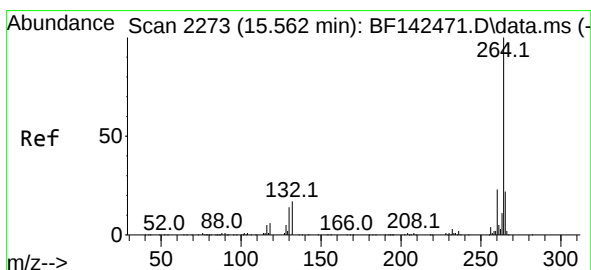
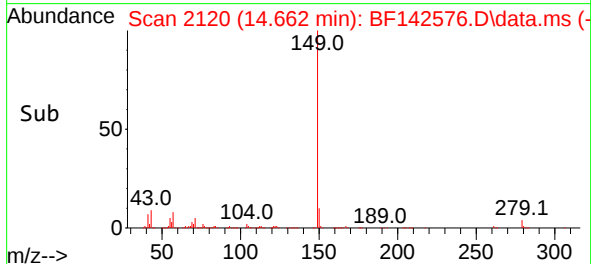
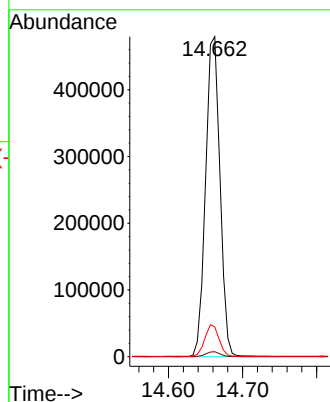
Tgt Ion:149 Resp: 649611

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142576.D

Acq: 30 May 2025 18:16

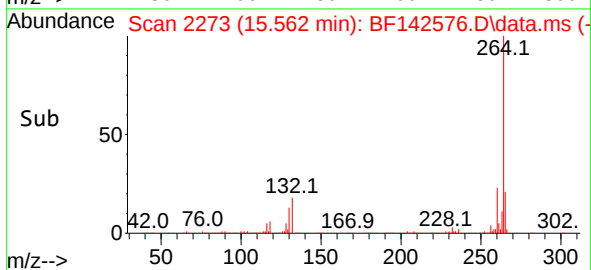
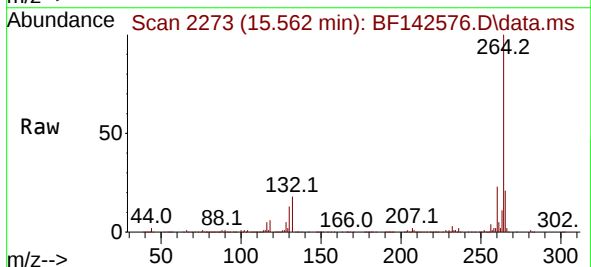
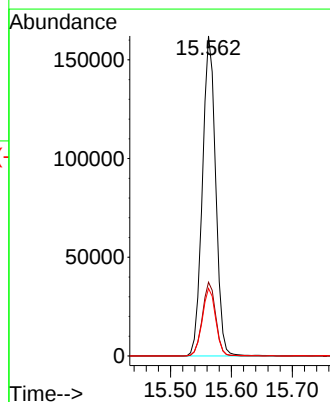
Tgt Ion:264 Resp: 245371

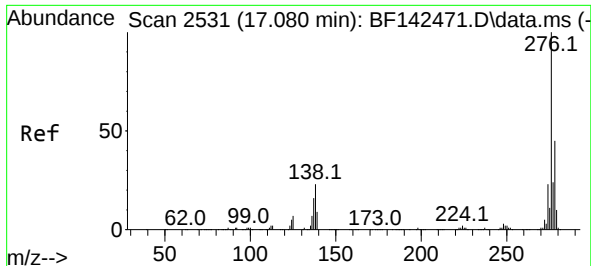
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

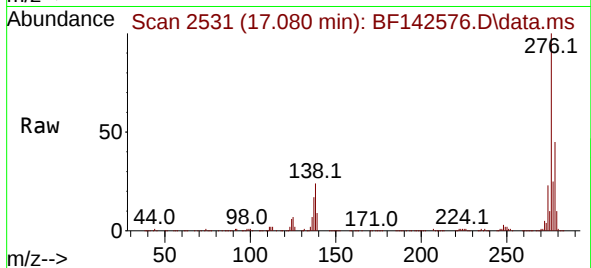
265 21.1 17.7 26.5



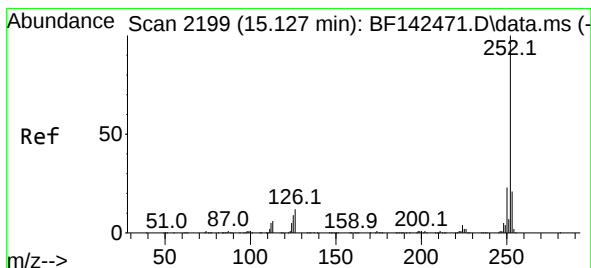
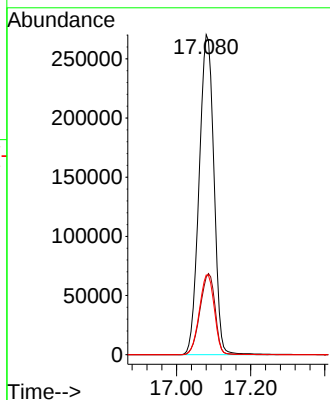
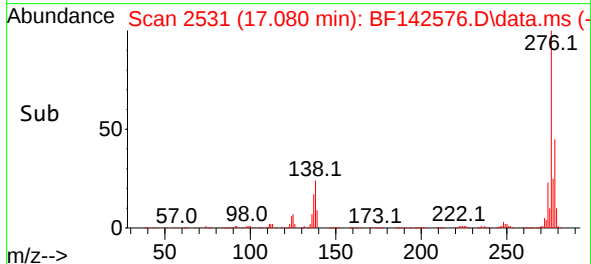


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.605 ng
 RT: 17.080 min Scan# 2198
 Delta R.T. -0.012 min
 Lab File: BF142576.D
 Acq: 30 May 2025 18:16

Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MSD

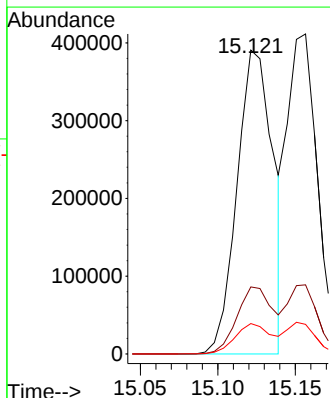
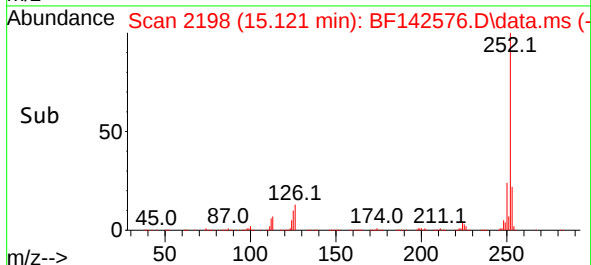
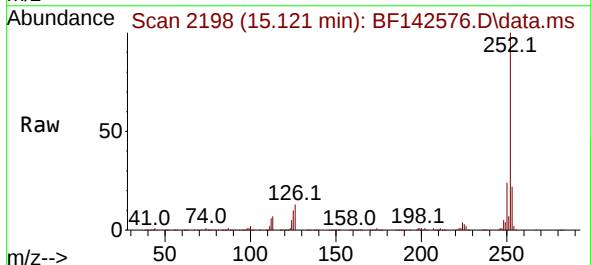


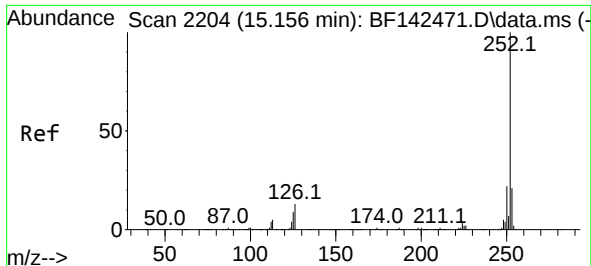
Tgt Ion:276 Resp: 747984
 Ion Ratio Lower Upper
 276 100
 138 25.8 19.9 29.9
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 43.616 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF142576.D
 Acq: 30 May 2025 18:16

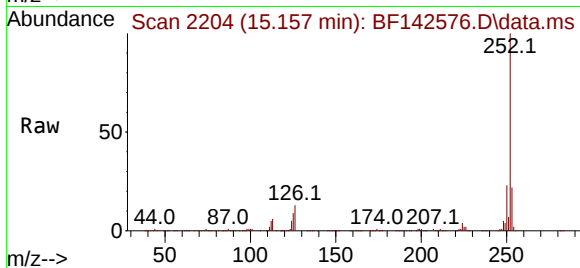
Tgt Ion:252 Resp: 633407
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.4
 125 10.0 7.4 11.0



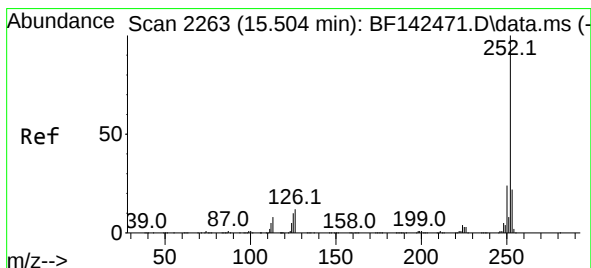
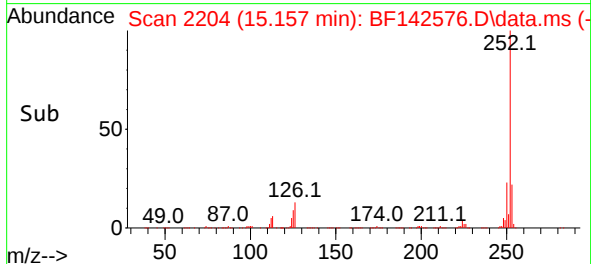
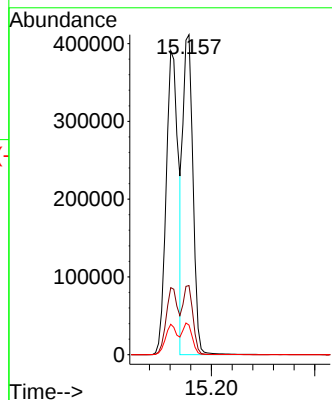


#89
Benzo(k)fluoranthene
Concen: 40.884 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD

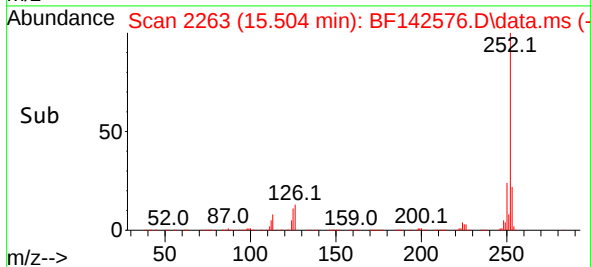
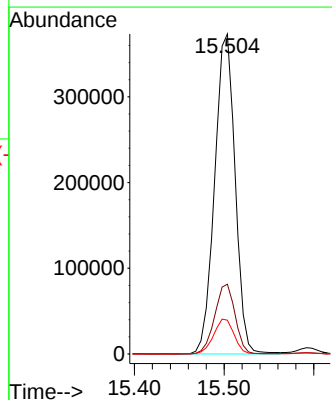
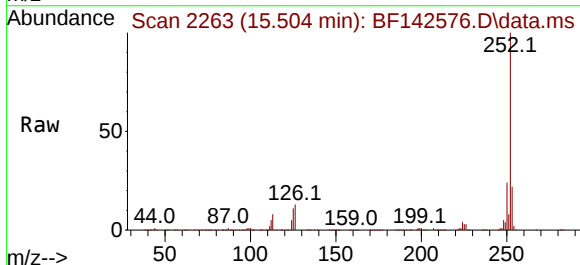


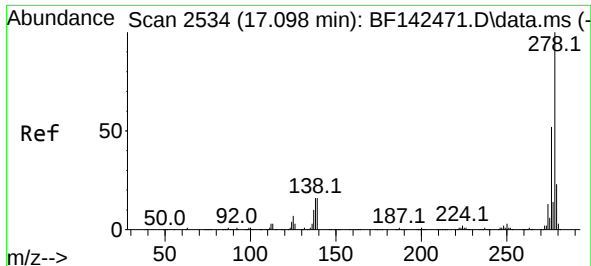
Tgt Ion:252 Resp: 556087
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 9.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.217 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

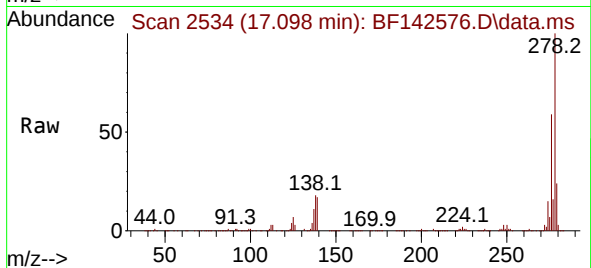
Tgt Ion:252 Resp: 591575
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.6 7.9 11.9



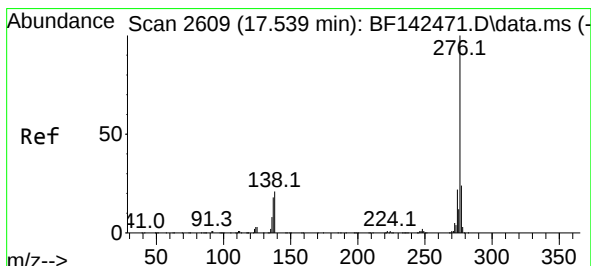
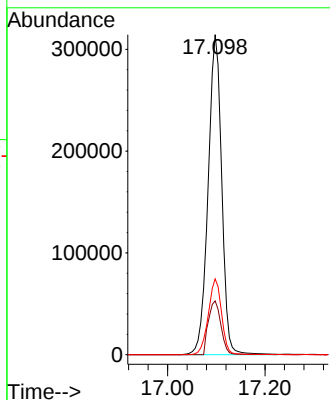
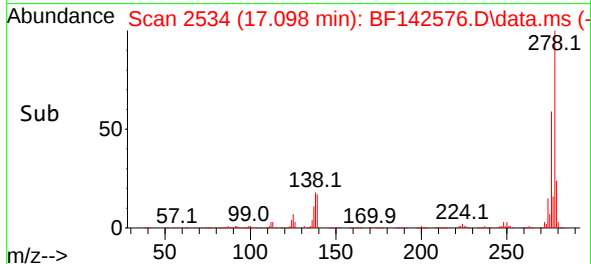


#91
Dibenzo(a,h)anthracene
Concen: 40.635 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52MSD



Tgt Ion:278 Resp: 607103
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 39.701 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142576.D
Acq: 30 May 2025 18:16

Tgt Ion:276 Resp: 593272
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 22.7 16.8 25.2

